

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032319\
 Data File : BF113254.D
 Acq On : 23 Mar 2019 10:47
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 22:56:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	214026	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	838502	20.00	ng	-0.02
39) Acenaphthene-d10	9.75	164	418445	20.00	ng	-0.02
64) Phenanthrene-d10	11.23	188	778736	20.00	ng	-0.01
76) Chrysene-d12	13.87	240	587794	20.00	ng	0.00
87) Perylene-d12	15.27	264	508292	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1020257	74.15	ng	-0.02
7) Phenol-d6	6.37	99	1288663	74.56	ng	0.00
23) Nitrobenzene-d5	7.29	82	1233965	88.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	424145	95.48	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	2112587	83.17	ng	-0.01
79) Terphenyl-d14	12.82	244	2176281	71.77	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	237284	34.404	ng	98
3) Pyridine	3.08	79	615818	33.375	ng	99
4) n-Nitrosodimethylamine	3.03	42	275451	34.126	ng	100
6) Aniline	6.38	93	807412	33.938	ng	# 41
8) 2-Chlorophenol	6.51	128	610964	39.890	ng	92
9) Benzaldehyde	6.26	77	442934	35.567	ng	99
10) Phenol	6.39	94	740487	36.715	ng	82
11) bis(2-Chloroethyl)ether	6.46	93	585617	37.829	ng	97
12) 1,3-Dichlorobenzene	6.66	146	650355	41.105	ng	97
13) 1,4-Dichlorobenzene	6.73	146	657032	41.408	ng	98
14) 1,2-Dichlorobenzene	6.89	146	596134	40.984	ng	97
15) Benzyl Alcohol	6.87	79	482339	36.598	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	919366	35.587	ng	80
17) 2-Methylphenol	6.99	107	488406	39.308	ng	94
18) Hexachloroethane	7.23	117	242370	39.876	ng	92
19) n-Nitroso-di-n-propylamine	7.15	70	409390	37.400	ng	97
20) 3+4-Methylphenols	7.14	107	575040	40.993	ng	# 86
22) Acetophenone	7.13	105	853269	43.520	ng	92
24) Nitrobenzene	7.30	77	629940	40.390	ng	98
25) Isophorone	7.55	82	1170281	38.766	ng	98
26) 2-Nitrophenol	7.62	139	349746	53.870	ng	96
27) 2,4-Dimethylphenol	7.67	122	488914	40.478	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	754652	39.983	ng	98
29) 2,4-Dichlorophenol	7.87	162	530016	45.250	ng	96
30) 1,2,4-Trichlorobenzene	7.95	180	570016	45.291	ng	99
31) Naphthalene	8.02	128	1685037	40.477	ng	99
32) Benzoic acid	7.82	122	408081	48.204	ng	92
33) 4-Chloroaniline	8.07	127	733246	41.585	ng	100
34) Hexachlorobutadiene	8.15	225	337793	47.591	ng	99
35) Caprolactam	8.46	113	142303	34.494	ng	94
36) 4-Chloro-3-methylphenol	8.57	107	541321	41.760	ng	98
37) 2-Methylnaphthalene	8.72	142	1126763	41.912	ng	99
38) 1-Methylnaphthalene	8.81	142	1084288	41.636	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.88	216	549751	45.053	ng	98

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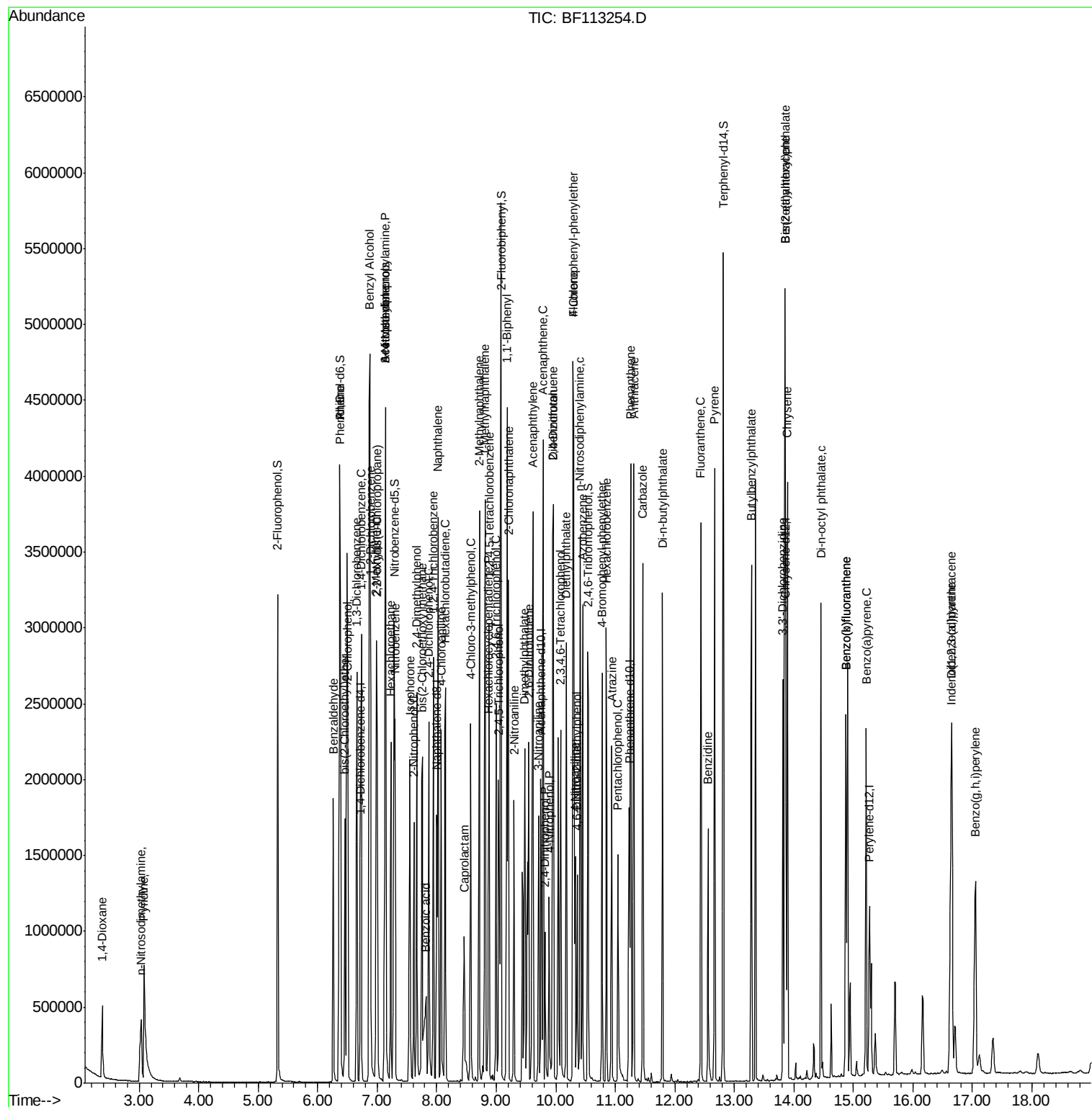
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	251638	37.659	ng	99
43) 2,4,6-Trichlorophenol	9.00	196	367132	43.717	ng	100
44) 2,4,5-Trichlorophenol	9.05	196	384702	42.381	ng	95
46) 1,1'-Biphenyl	9.18	154	1406832	41.219	ng	99
47) 2-Chloronaphthalene	9.20	162	1061108	39.816	ng	98
48) 2-Nitroaniline	9.30	65	358690	44.280	ng	99
49) Acenaphthylene	9.62	152	1669630	36.903	ng	100
50) Dimethylphthalate	9.48	163	1294971	41.971	ng	100
51) 2,6-Dinitrotoluene	9.55	165	287948	44.816	ng #	82
52) Acenaphthene	9.79	154	985826	37.260	ng	99
53) 3-Nitroaniline	9.72	138	332713	42.497	ng	97
54) 2,4-Dinitrophenol	9.82	184	140951	55.759	ng	95
55) Dibenzofuran	9.96	168	1459270	37.948	ng	98
56) 4-Nitrophenol	9.89	139	236700	37.201	ng	94
57) 2,4-Dinitrotoluene	9.95	165	359898	45.063	ng	91
58) Fluorene	10.30	166	1106003	40.524	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.08	232	323250	42.743	ng	93
60) Diethylphthalate	10.17	149	1226634	37.642	ng	98
61) 4-Chlorophenyl-phenylether	10.29	204	550277	43.334	ng	93
62) 4-Nitroaniline	10.33	138	340882	47.119	ng	96
63) Azobenzene	10.45	77	1181818	35.408	ng	97
65) 4,6-Dinitro-2-methylphenol	10.36	198	187786	57.661	ng #	77
66) n-Nitrosodiphenylamine	10.42	169	1030723	41.270	ng	100
67) 4-Bromophenyl-phenylether	10.78	248	391295	47.705	ng #	91
68) Hexachlorobenzene	10.85	284	442121	47.816	ng #	91
69) Atrazine	10.94	200	276047	36.089	ng	99
70) Pentachlorophenol	11.05	266	235915	43.350	ng	98
71) Phenanthrene	11.26	178	1569718	40.514	ng	100
72) Anthracene	11.31	178	1604207	39.553	ng	100
73) Carbazole	11.46	167	1565837	39.577	ng	100
74) Di-n-butylphthalate	11.80	149	1825877	38.488	ng	99
75) Fluoranthene	12.44	202	1728943	41.650	ng	98
77) Benzidine	12.56	184	738545	24.218	ng	99
78) Pyrene	12.67	202	1769362	35.707	ng	99
80) Butylbenzylphthalate	13.29	149	801223	36.631	ng	93
81) Benzo(a)anthracene	13.86	228	1401463	34.402	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	579467	37.610	ng	99
83) Chrysene	13.89	228	1413635	35.426	ng	100
84) Bis(2-ethylhexyl)phthalate	13.84	149	928666	36.198	ng	100
85) Di-n-octyl phthalate	14.46	149	1555128	35.300	ng	98
86) Indeno(1,2,3-cd)pyrene	16.64	276	1351383	39.724	ng	94
88) Benzo(b)fluoranthene	14.87	252	1310171	39.850	ng	98
89) Benzo(k)fluoranthene	14.87	252	1310171	43.994	ng	98
90) Benzo(a)pyrene	15.22	252	1149577	39.530	ng	97
91) Dibenzo(a,h)anthracene	16.66	278	1093211	44.054	ng	96
92) Benzo(g,h,i)perylene	17.05	276	1137654	45.656	ng	96

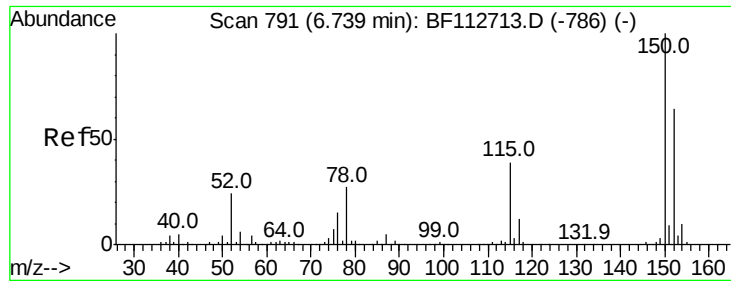
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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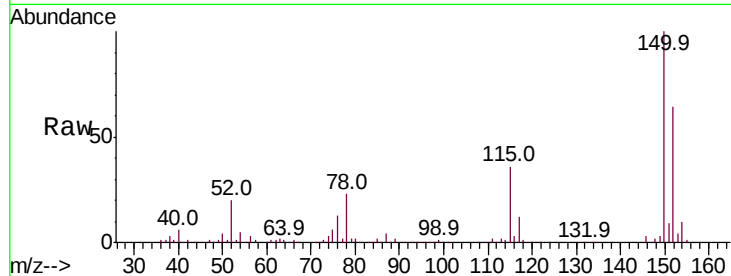


#1

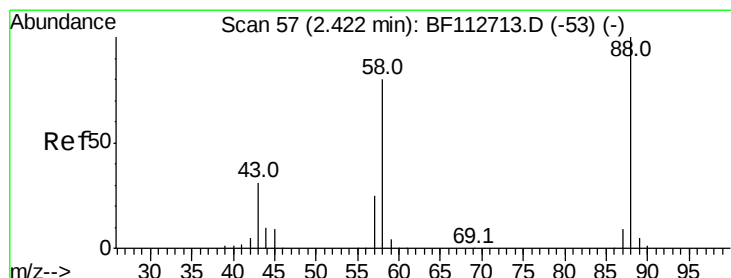
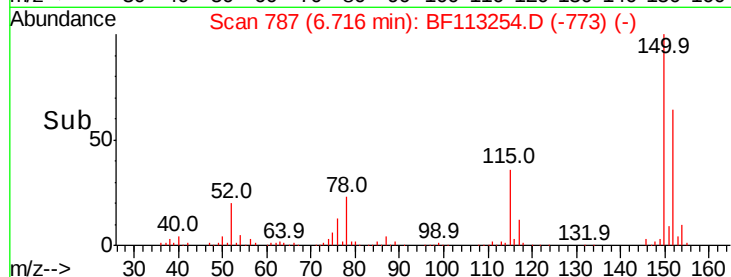
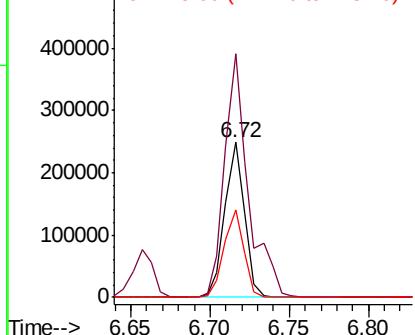
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 214026
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 56.4 48.2 72.4



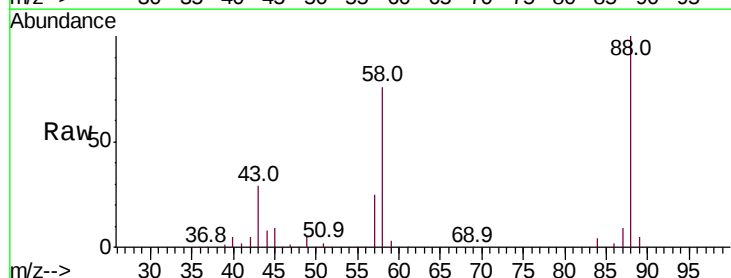
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



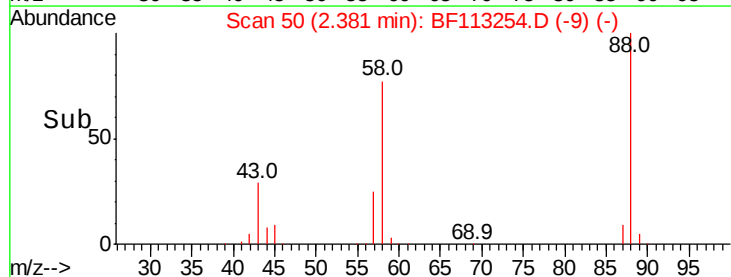
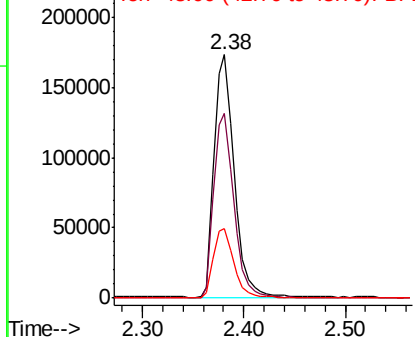
#2

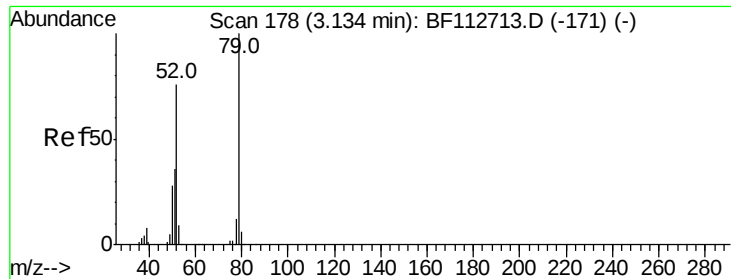
1,4-Dioxane
Concen: 34.404 ng
RT: 2.38 min Scan# 50
Delta R.T. -0.06 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion: 88 Resp: 237284
Ion Ratio Lower Upper
88 100
58 77.0 63.1 94.7
43 29.2 24.3 36.5



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.375 ng

RT: 3.08 min Scan# 169

Delta R.T. -0.06 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

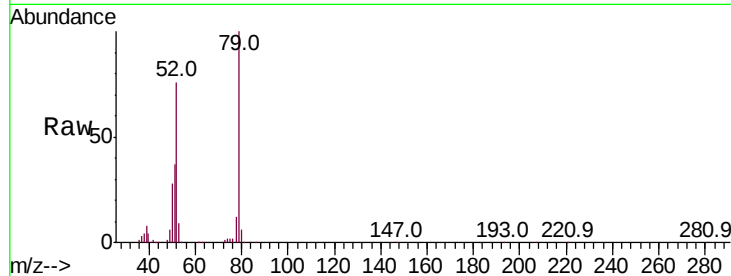
Tot Ion: 79 Resp: 615818

Ion Ratio Lower Upper

79 100

52 76.2 60.5 90.7

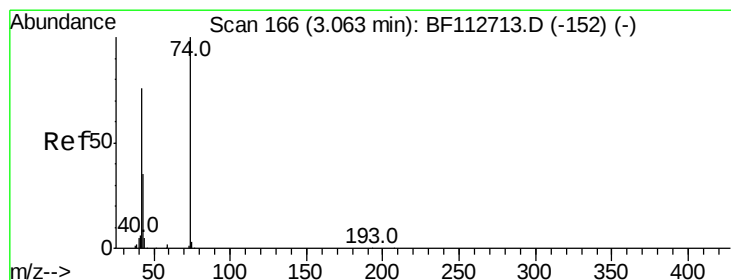
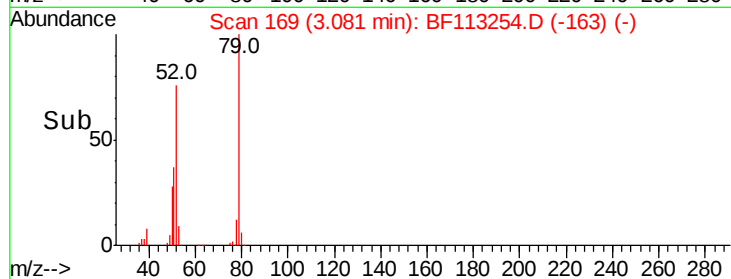
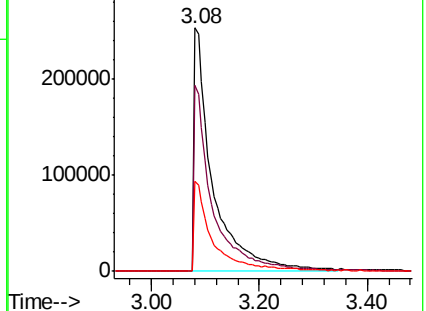
51 37.2 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.126 ng

RT: 3.03 min Scan# 161

Delta R.T. -0.05 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

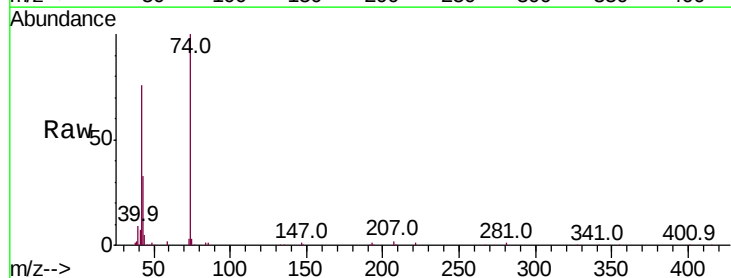
Tgt Ion: 42 Resp: 275451

Ion Ratio Lower Upper

42 100

74 132.3 105.8 158.8

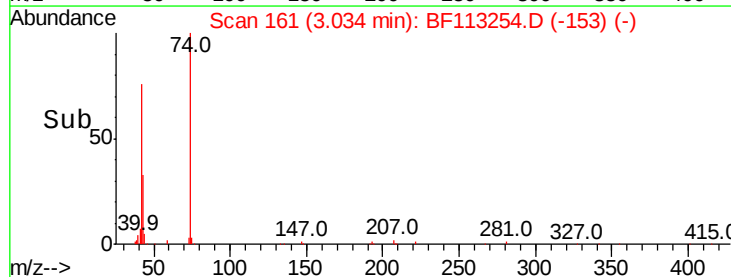
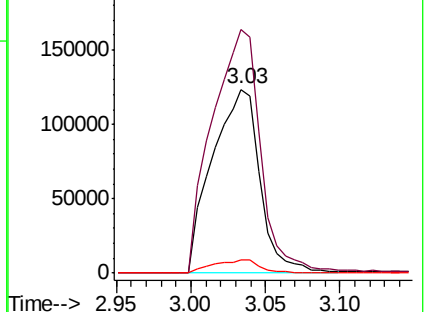
44 7.2 6.2 9.2

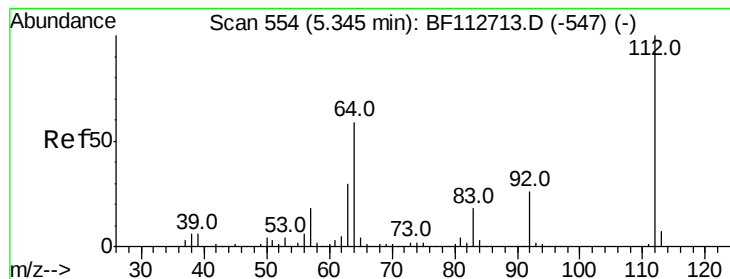


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.152 ng

RT: 5.33 min Scan# 551

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

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ClientSampleId :

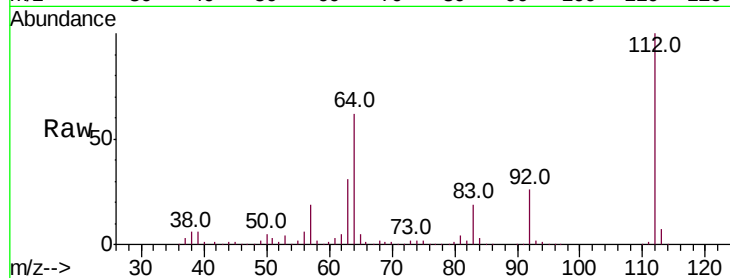
Tot Ion:112 Resp: 1020257

Ion Ratio Lower Upper

112 100

64 61.7 47.6 71.4

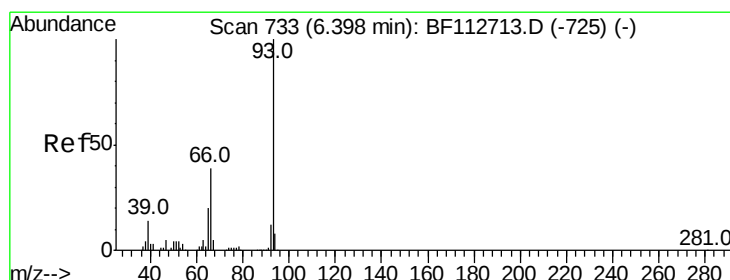
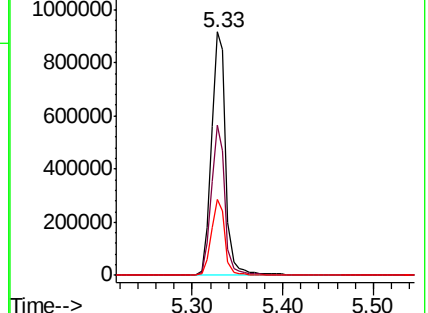
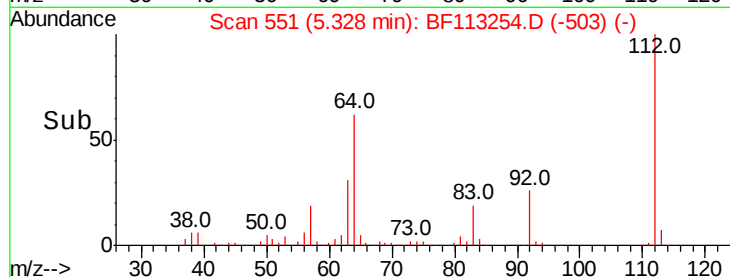
63 31.3 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.938 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

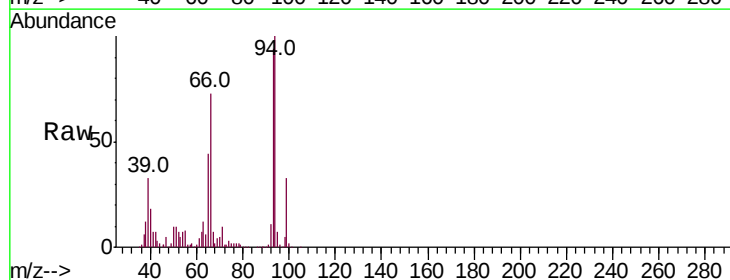
Tgt Ion: 93 Resp: 807412

Ion Ratio Lower Upper

93 100

66 77.2 32.2 48.2#

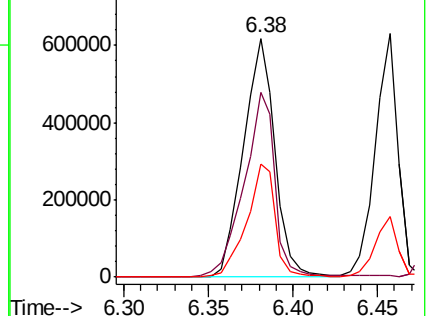
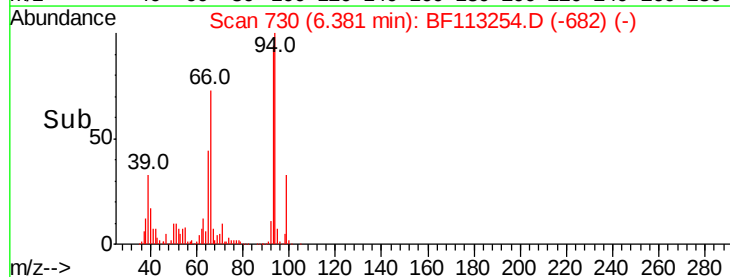
65 47.3 16.2 24.4#

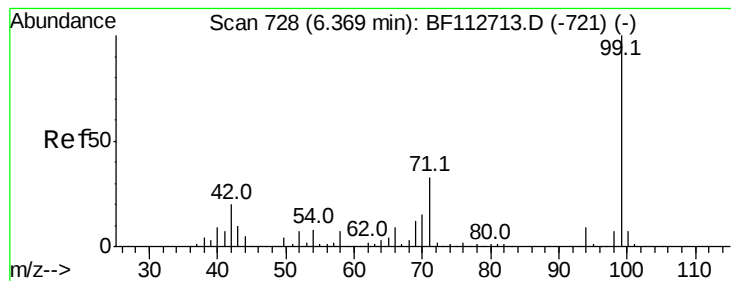


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 74.560 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

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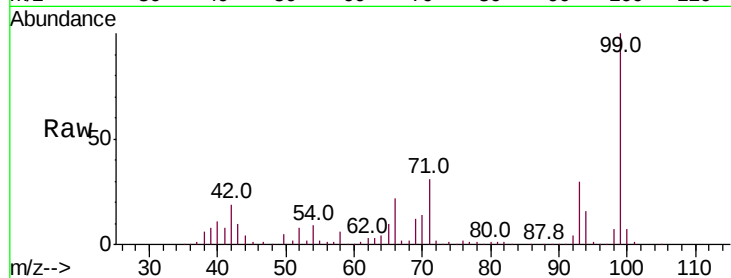
Tot Ion: 99 Resp: 1288663

Ion Ratio Lower Upper

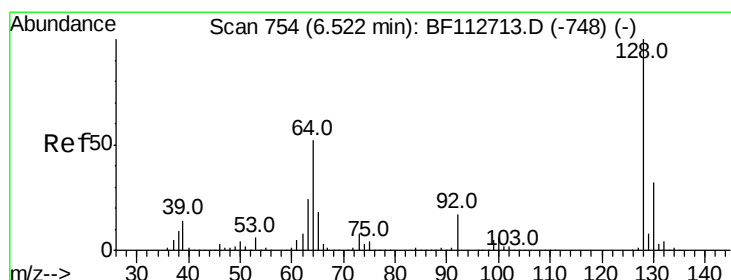
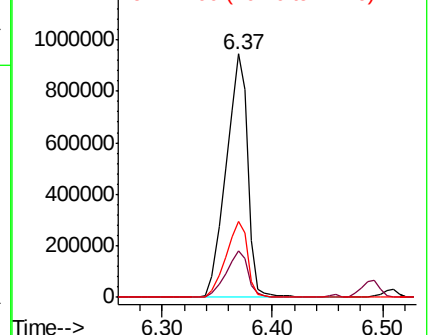
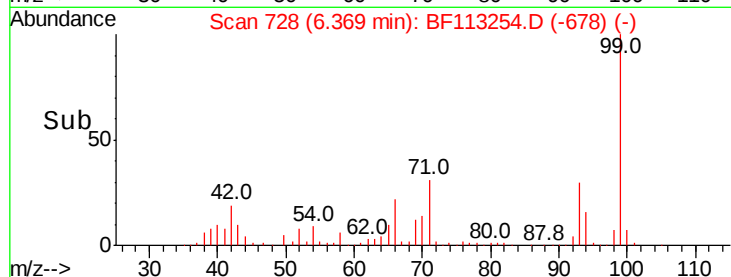
99 100

42 18.9 16.3 24.5

71 31.3 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.890 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

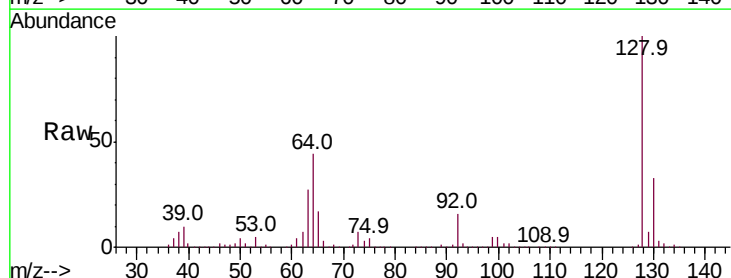
Tgt Ion: 128 Resp: 610964

Ion Ratio Lower Upper

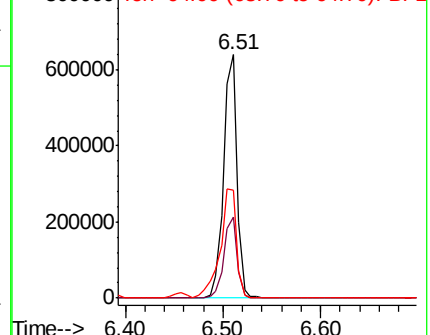
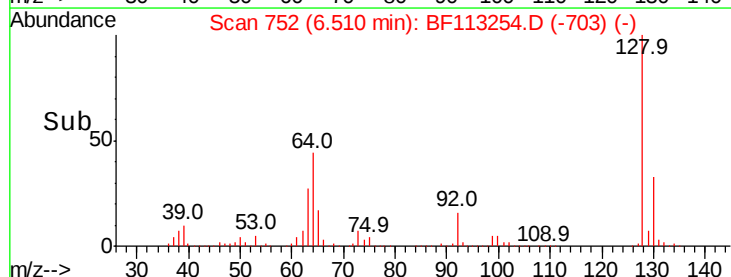
128 100

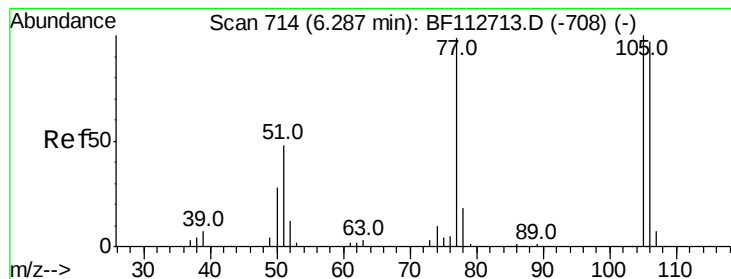
130 33.5 12.4 52.4

64 44.3 32.2 72.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.567 ng

RT: 6.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

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ClientSampled :

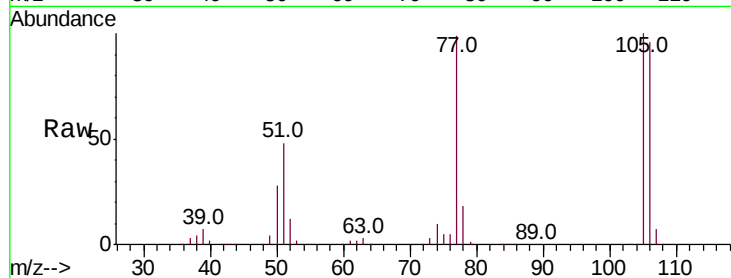
Tot Ion: 77 Resp: 442934

Ion Ratio Lower Upper

77 100

105 100.9 81.4 121.4

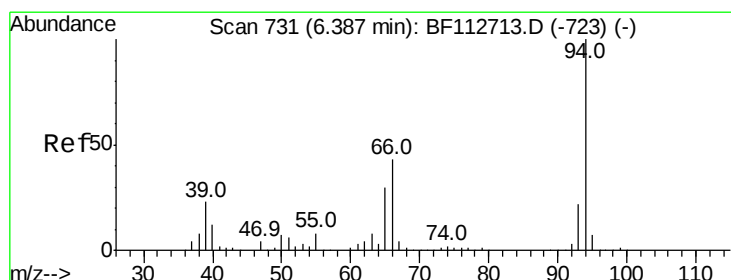
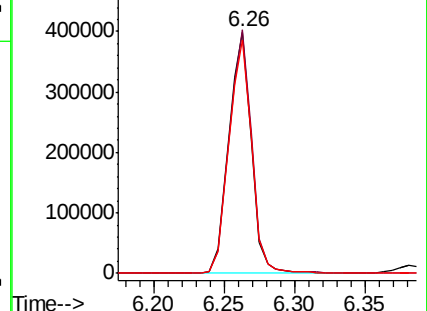
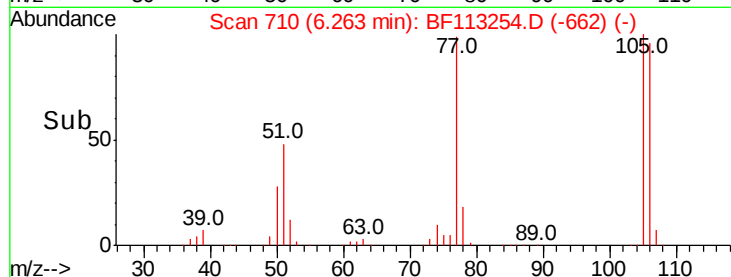
106 96.9 78.3 118.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.715 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

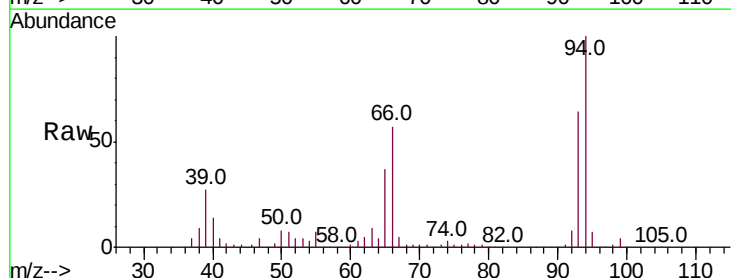
Tgt Ion: 94 Resp: 740487

Ion Ratio Lower Upper

94 100

65 36.6 10.5 50.5

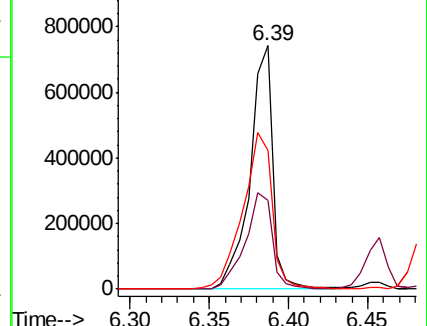
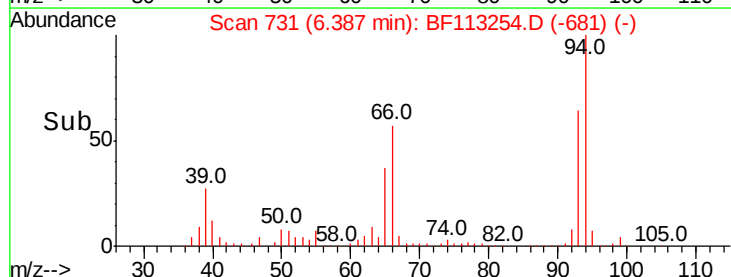
66 56.7 22.6 62.6

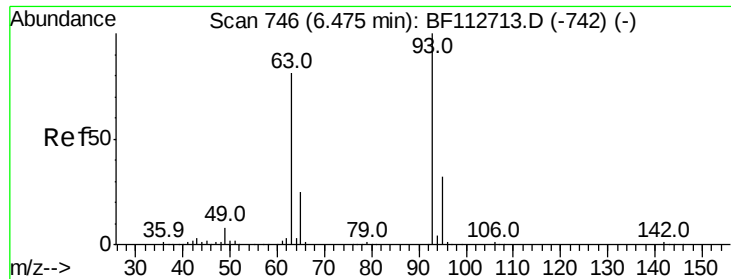


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.829 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

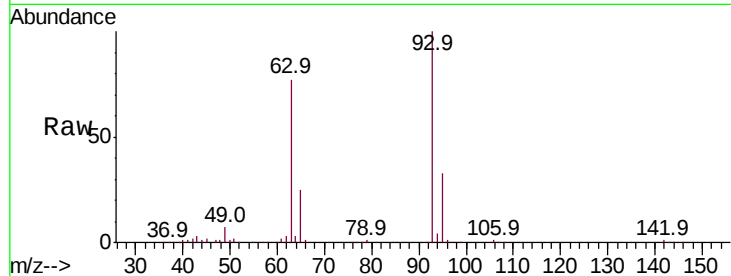
Tot Ion: 93 Resp: 585617

Ion Ratio Lower Upper

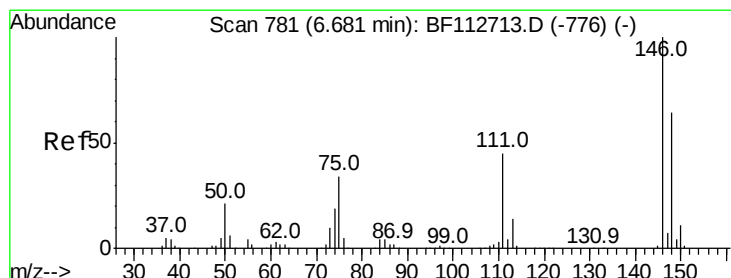
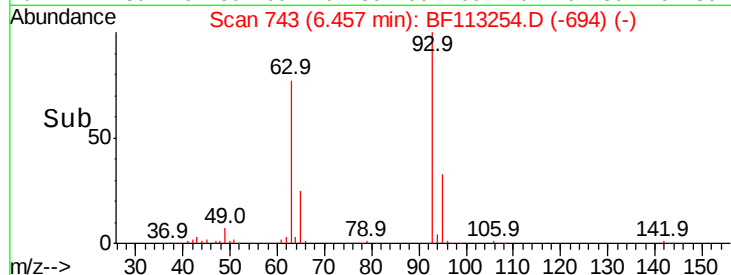
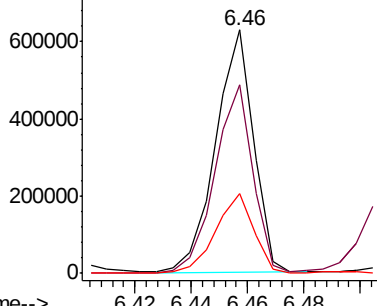
93 100

63 77.2 60.5 100.5

95 32.9 12.1 52.1



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.105 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

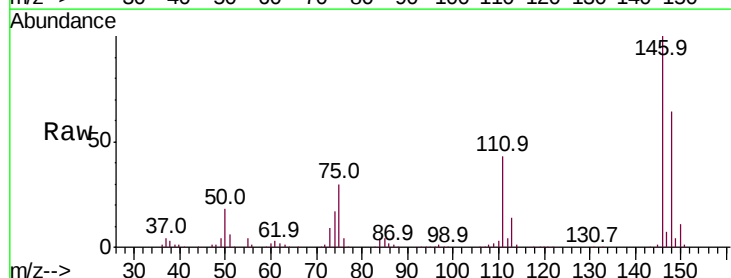
Tgt Ion: 146 Resp: 650355

Ion Ratio Lower Upper

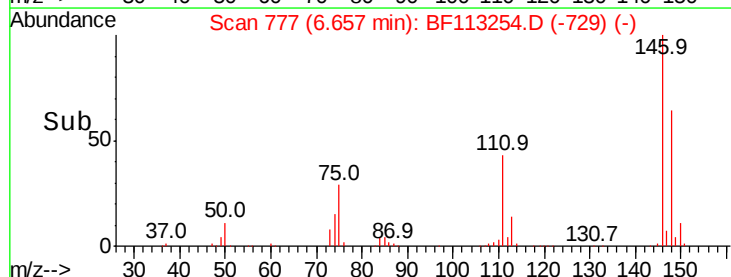
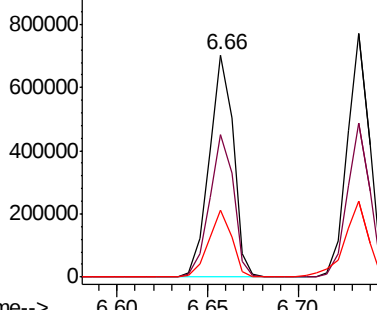
146 100

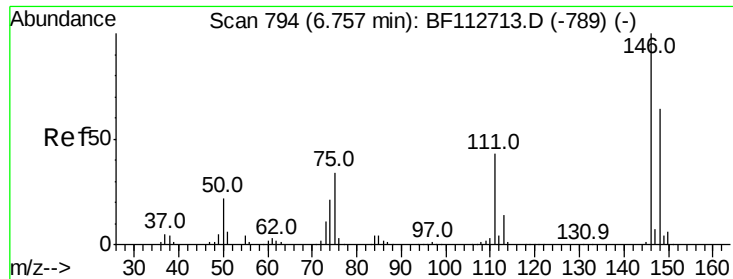
148 64.2 50.9 76.3

75 30.2 26.9 40.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

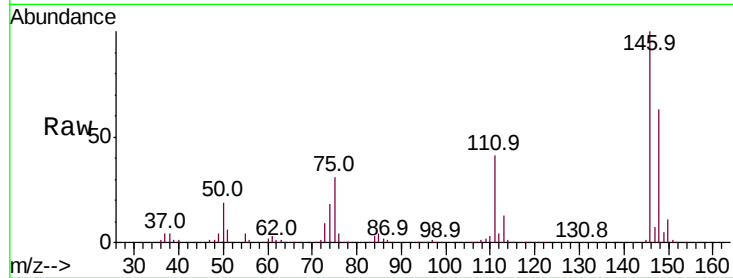




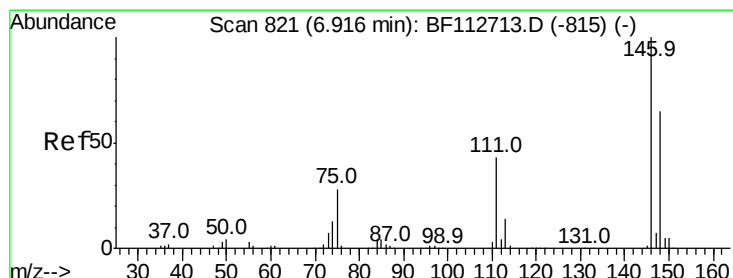
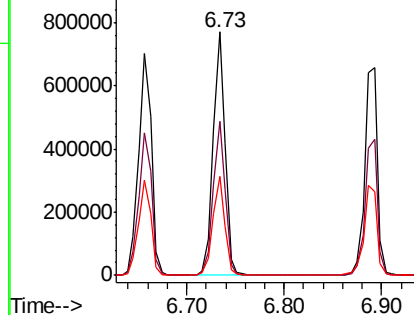
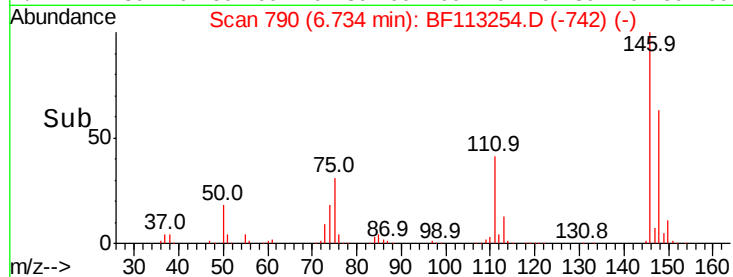
#13
 1,4-Dichlorobenzene
 Concen: 41.408 ng
 RT: 6.73 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 657032
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.4
 111 40.6 34.5 51.7

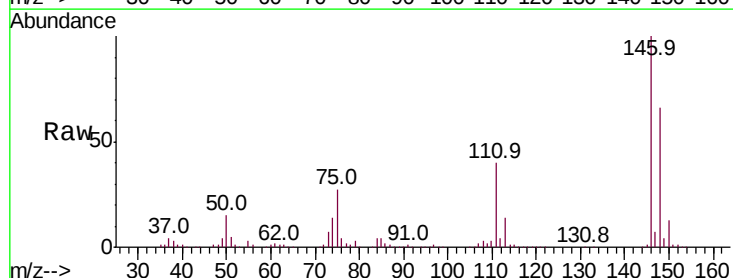


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

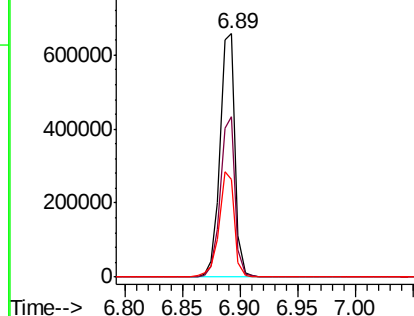
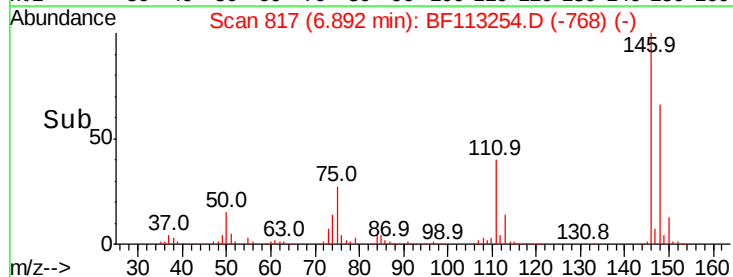


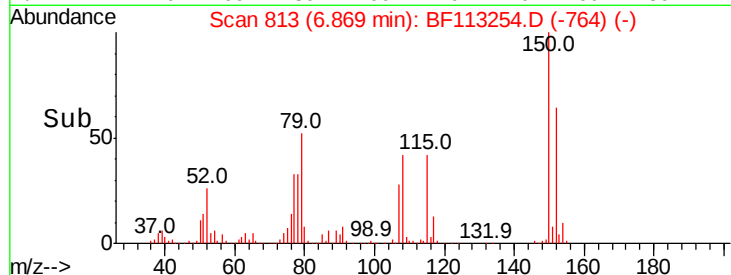
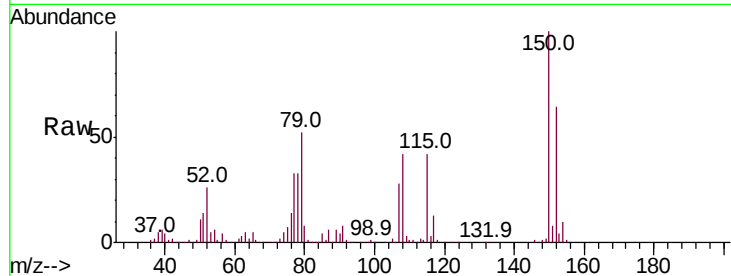
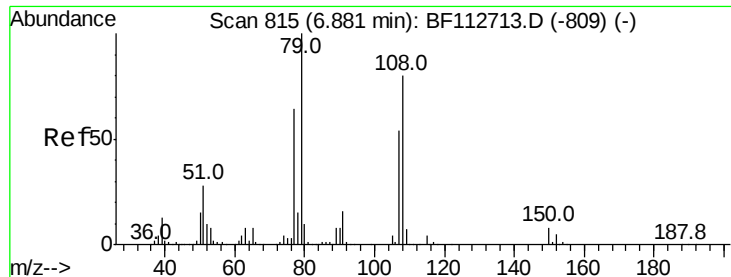
#14
 1,2-Dichlorobenzene
 Concen: 40.984 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion:146 Resp: 596134
 Ion Ratio Lower Upper
 146 100
 148 65.7 52.0 78.0
 111 40.1 34.8 52.2



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.598 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

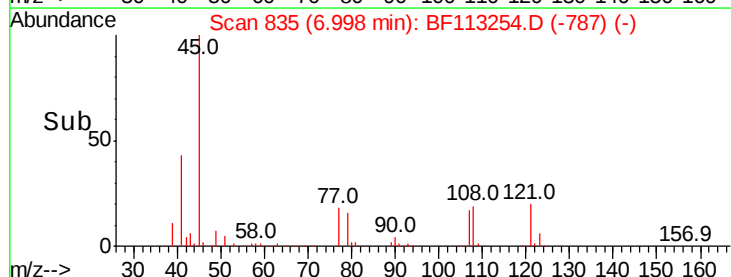
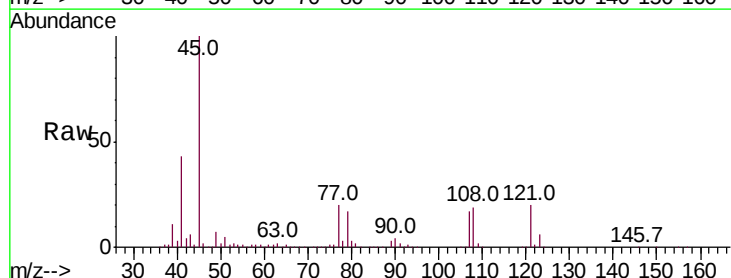
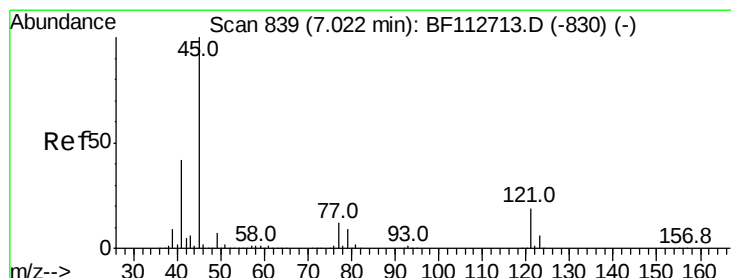
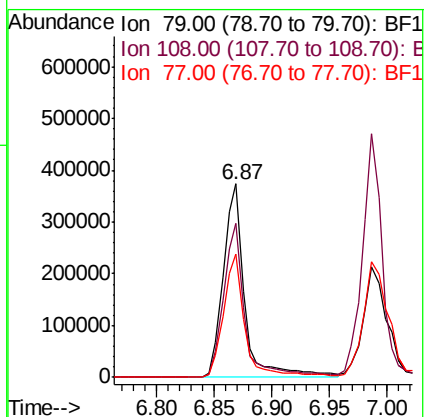
Tot Ion: 79 Resp: 482339

Ion Ratio Lower Upper

79 100

108 79.6 64.2 96.4

77 64.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.587 ng

RT: 7.00 min Scan# 835

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

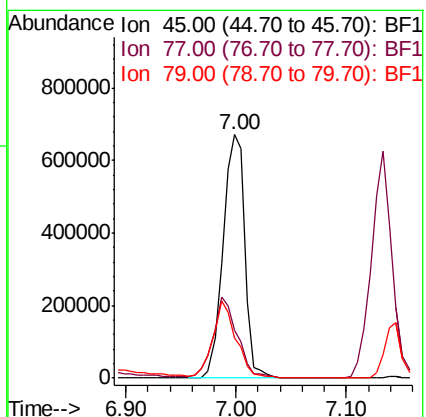
Tgt Ion: 45 Resp: 919366

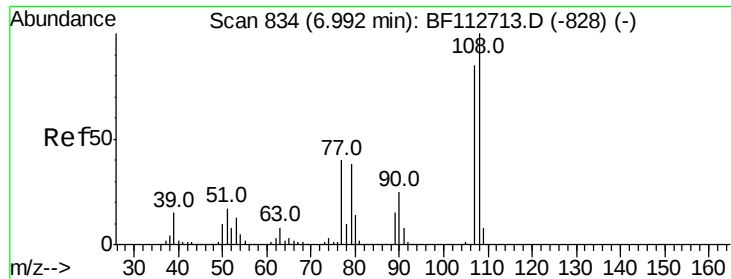
Ion Ratio Lower Upper

45 100

77 19.6 0.0 32.1

79 16.7 0.0 29.4

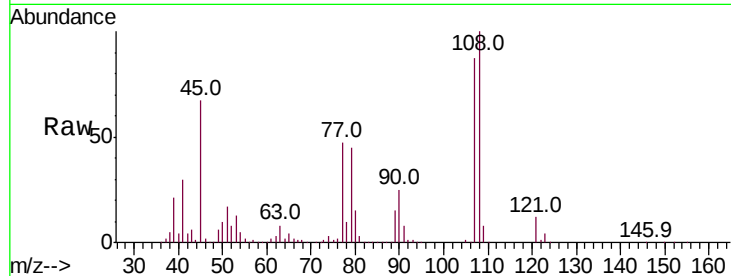




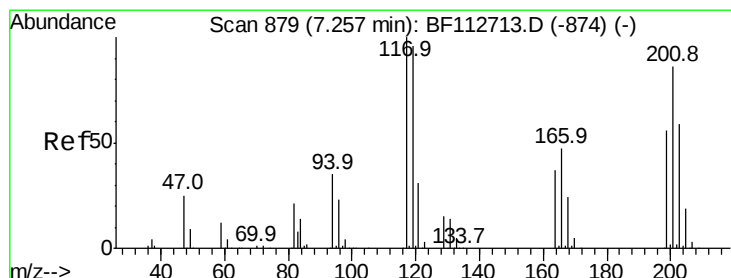
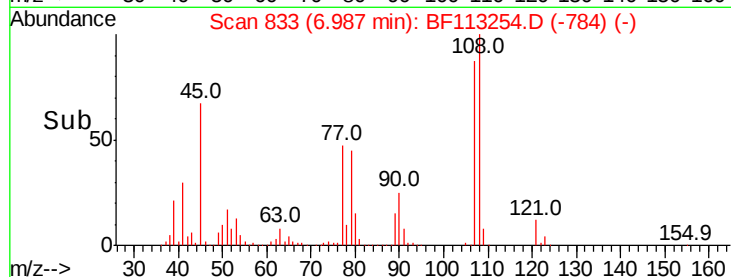
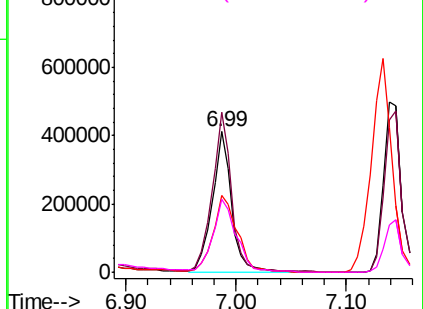
#17
2-Methylphenol
Concen: 39.308 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 488406
Ion Ratio Lower Upper
107 100
108 114.6 94.6 142.0
77 54.4 37.8 56.8
79 51.8 36.2 54.2

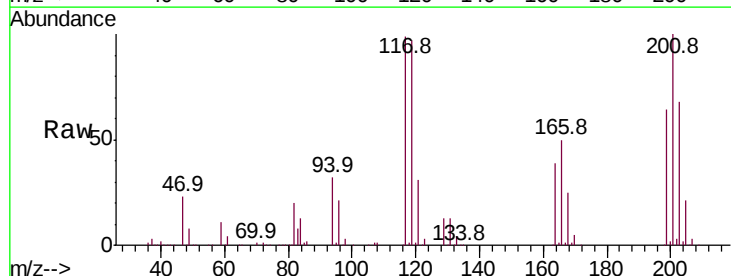


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

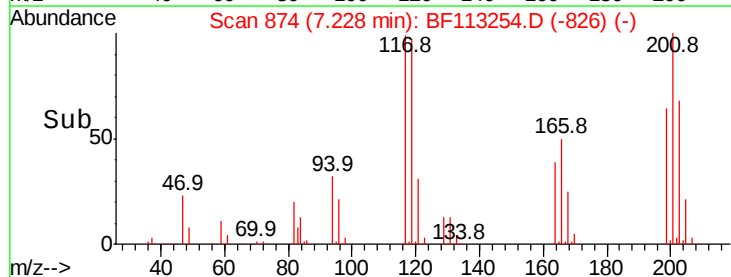
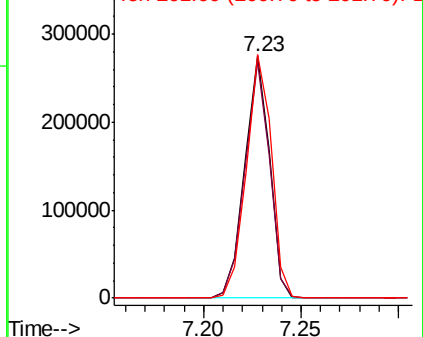


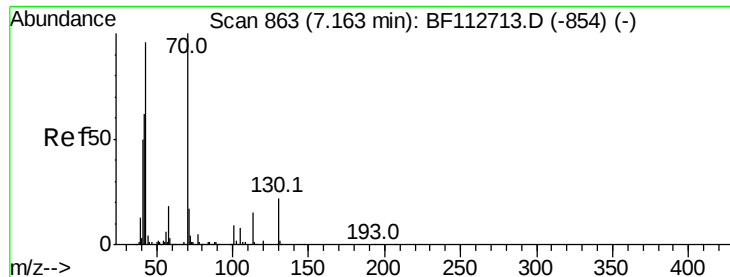
#18
Hexachloroethane
Concen: 39.876 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:117 Resp: 242370
Ion Ratio Lower Upper
117 100
119 97.5 76.6 115.0
201 100.6 68.9 103.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

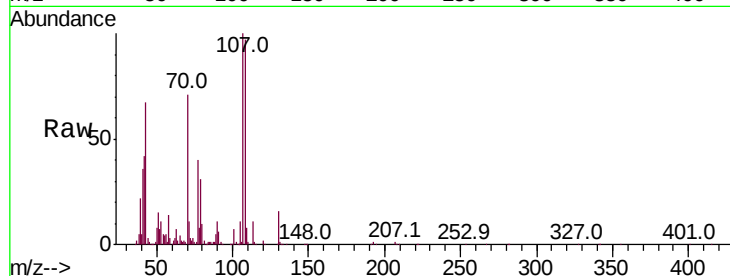




#19
n-Nitroso-di-n-propylamine
Concen: 37.400 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	409390
Ion	Ratio	Lower	Upper
70	100		
42	59.5	49.9	74.9
101	9.4	7.4	11.2
130	22.5	17.4	26.2



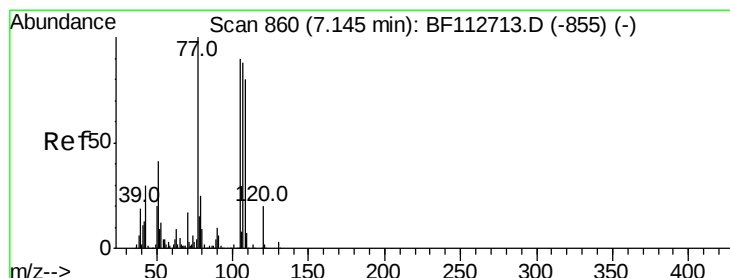
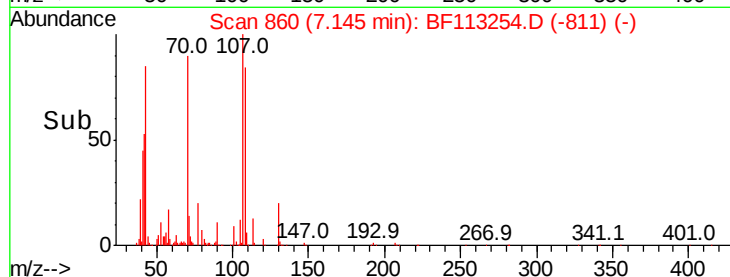
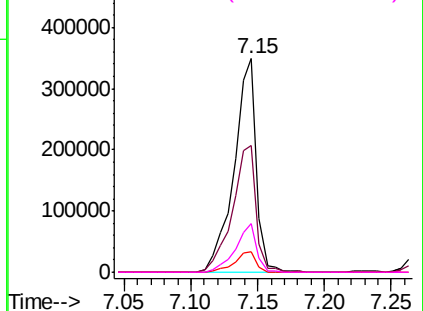
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

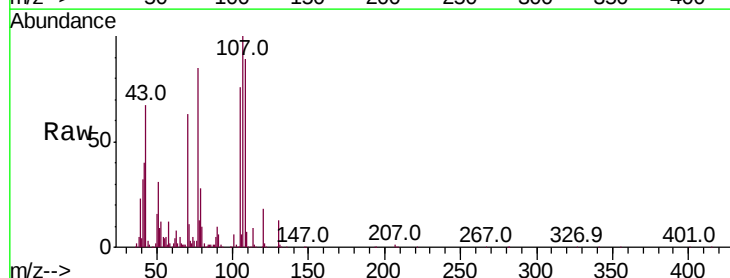
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.993 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:	107	Resp:	575040
Ion	Ratio	Lower	Upper
107	100		
108	89.0	71.4	111.4
77	84.9	94.1	134.1#
79	27.7	8.6	48.6



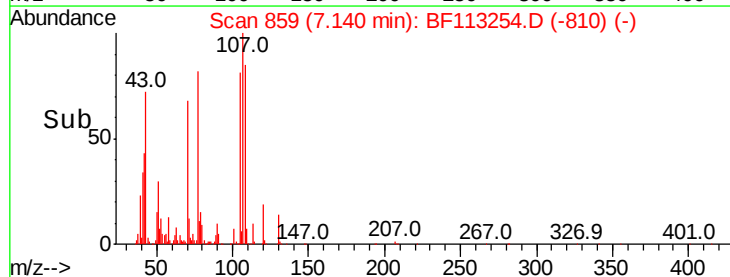
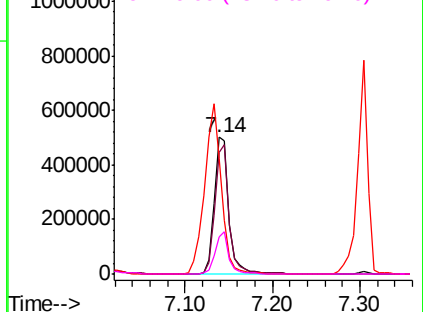
Abundance

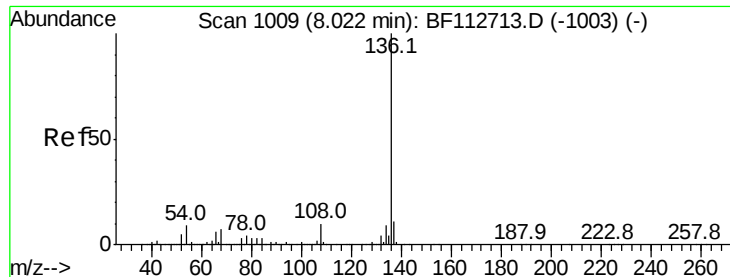
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

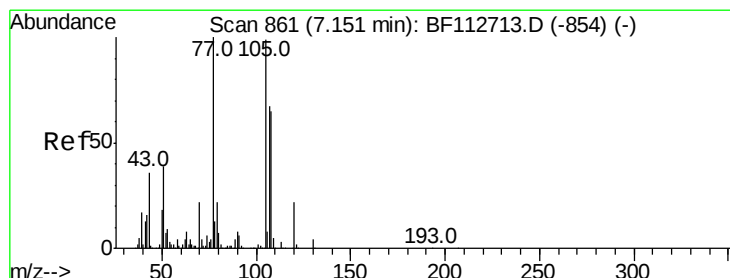
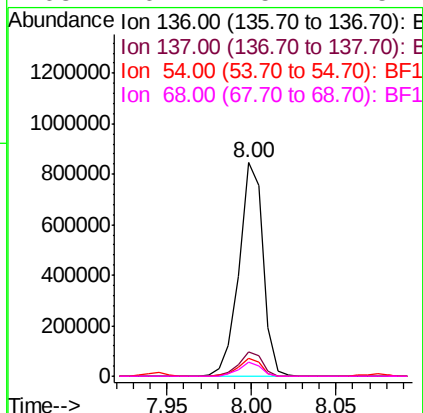
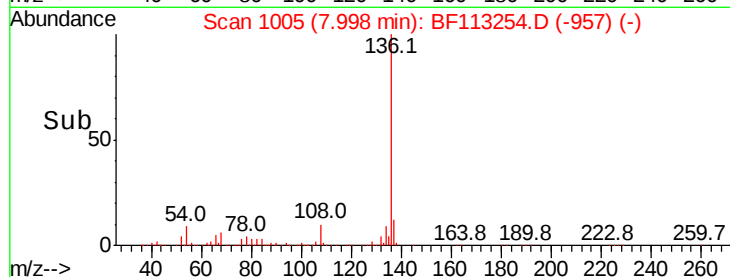
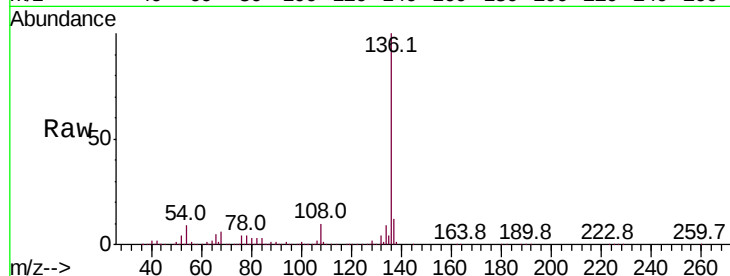




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

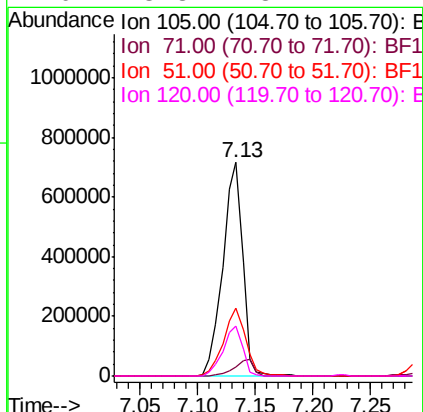
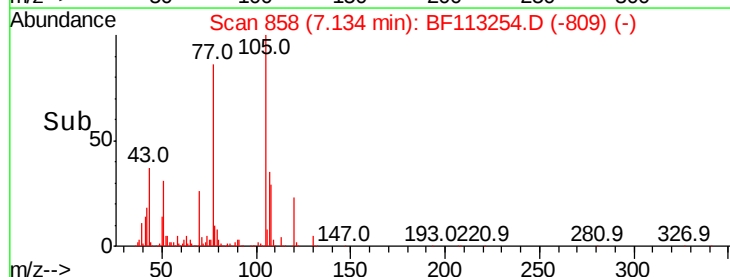
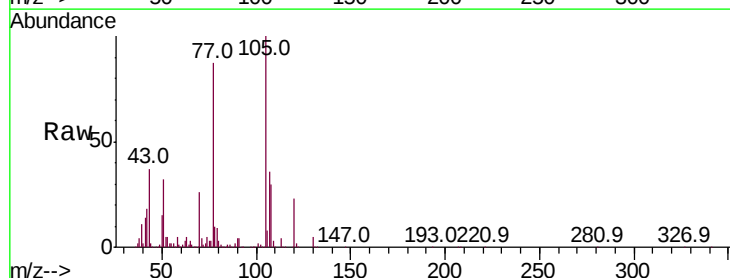
Instrument :
BNA_F
ClientSampleId :

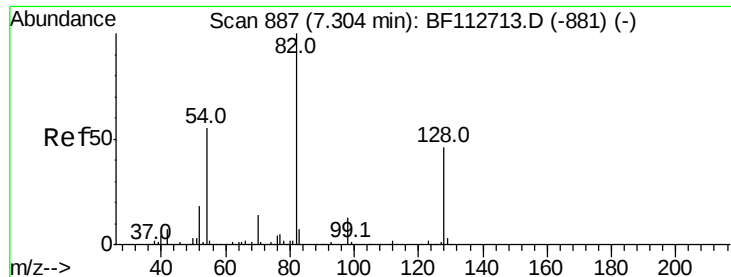
Tot Ion:	136	Resp:	838502
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	8.7	7.3	10.9
68	6.4	5.4	8.2



#22
Acetophenone
Concen: 43.520 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:	105	Resp:	853269
Ion	Ratio	Lower	Upper
105	100		
71	4.3	3.0	4.4
51	31.9	31.5	47.3
120	23.3	18.1	27.1

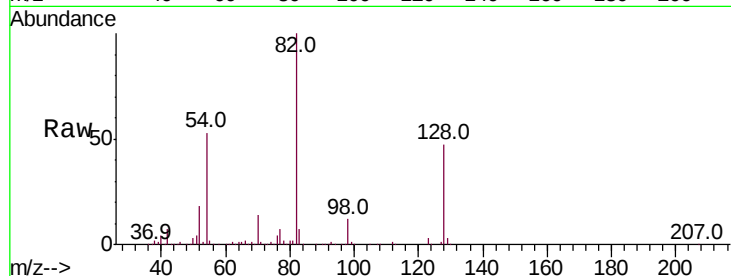




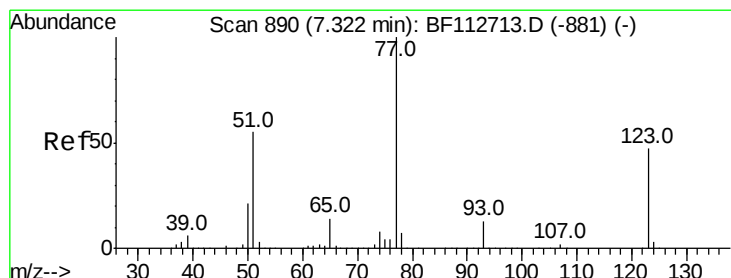
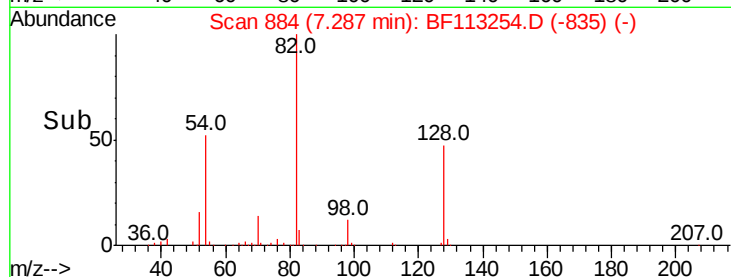
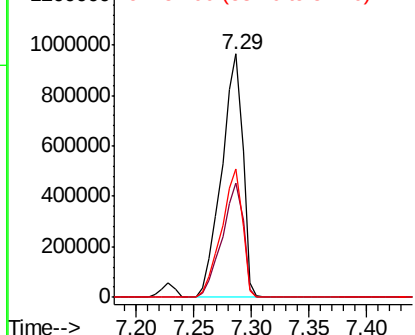
#23
Nitrobenzene-d5
Concen: 88.059 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1233965
Ion Ratio Lower Upper
82 100
128 47.0 36.3 54.5
54 52.9 43.7 65.5

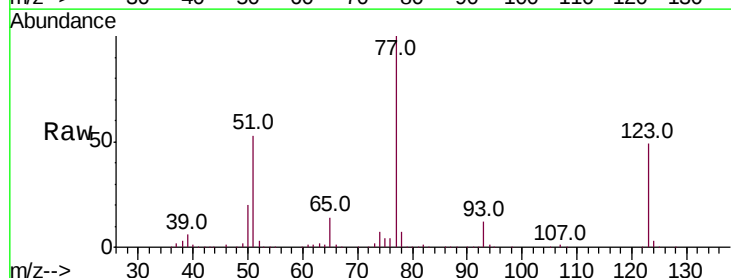


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

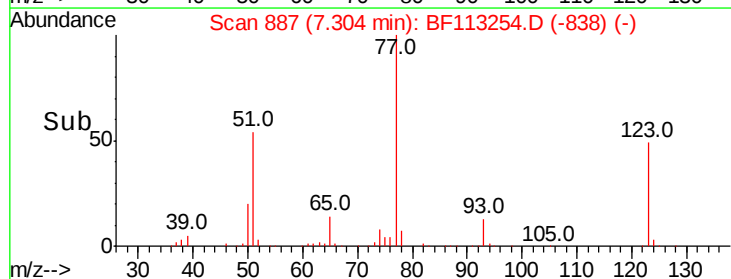
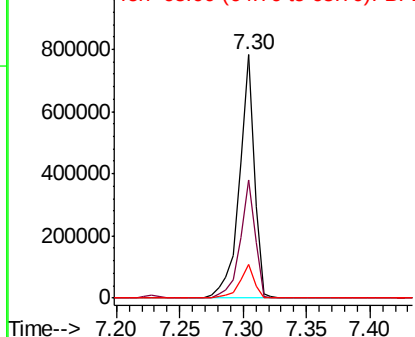


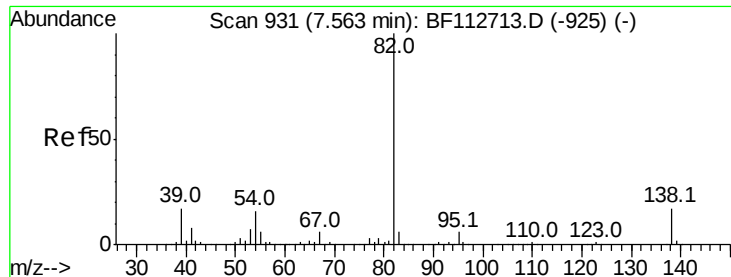
#24
Nitrobenzene
Concen: 40.390 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion: 77 Resp: 629940
Ion Ratio Lower Upper
77 100
123 48.6 37.8 56.6
65 13.9 11.1 16.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.766 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

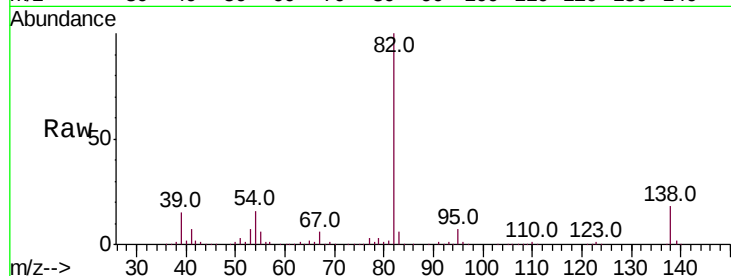
Tot Ion: 82 Resp: 1170281

Ion Ratio Lower Upper

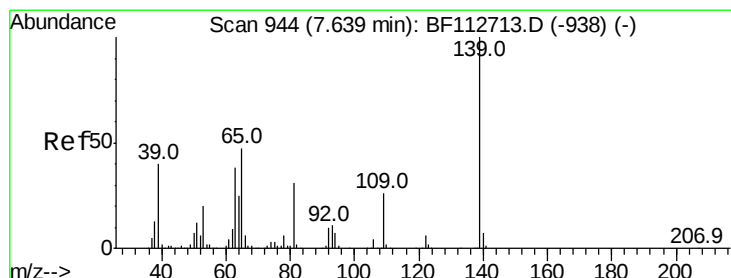
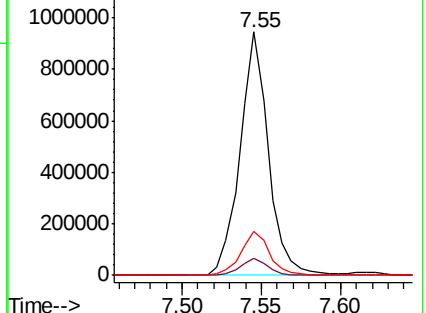
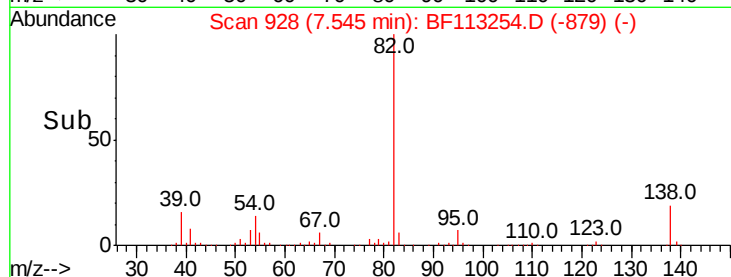
82 100

95 6.8 5.2 7.8

138 18.2 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 53.870 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

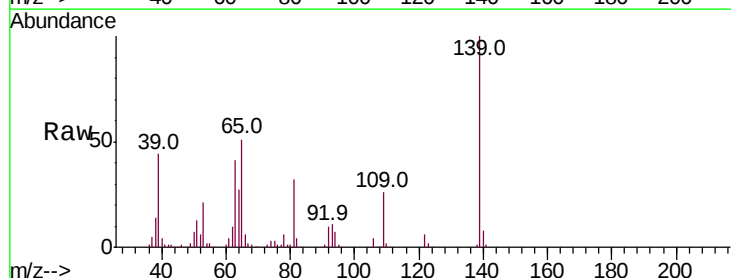
Tgt Ion: 139 Resp: 349746

Ion Ratio Lower Upper

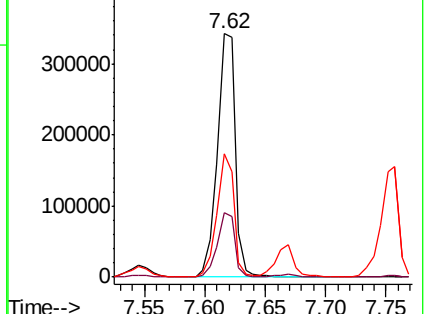
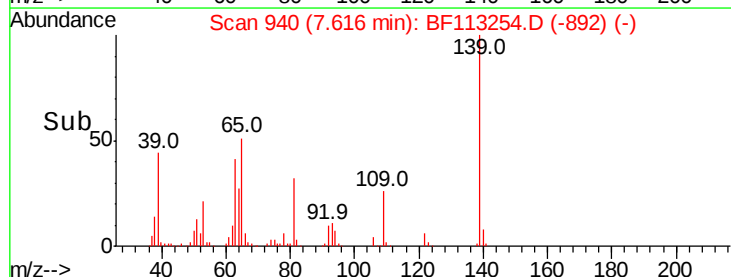
139 100

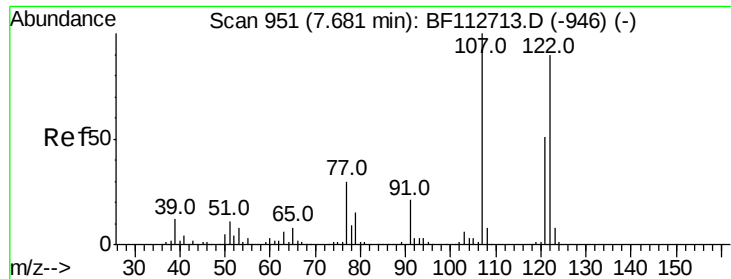
109 26.3 20.6 31.0

65 50.8 37.9 56.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

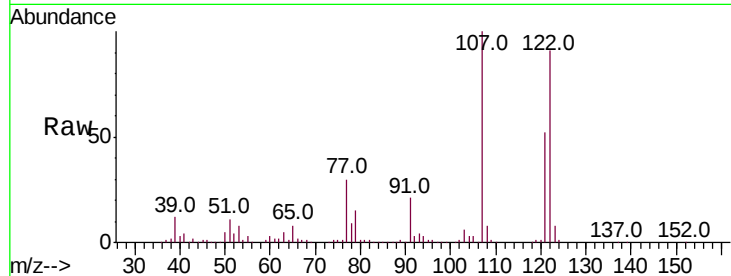




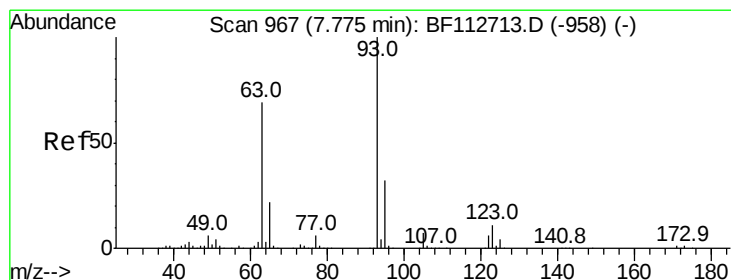
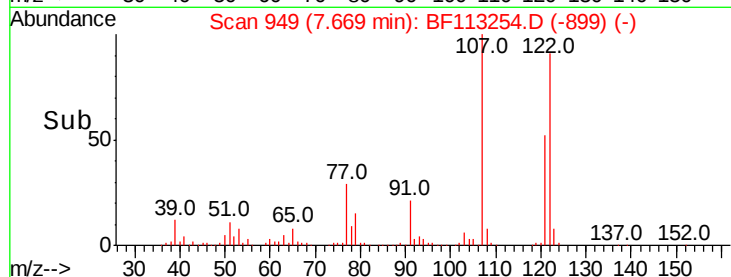
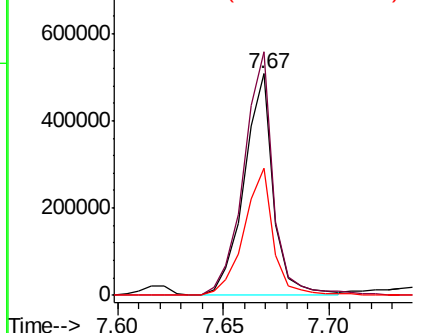
#27
 2,4-Dimethylphenol
 Concen: 40.478 ng
 RT: 7.67 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 488914
 Ion Ratio Lower Upper
 122 100
 107 109.9 89.4 134.0
 121 57.5 45.5 68.3

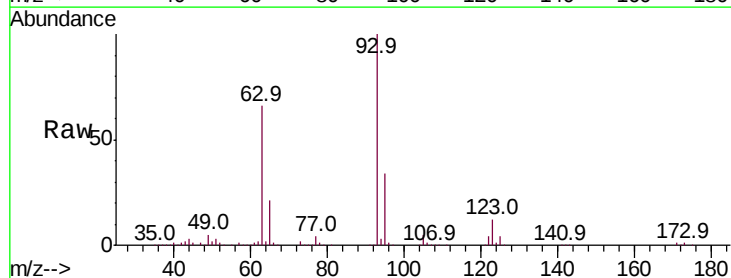


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

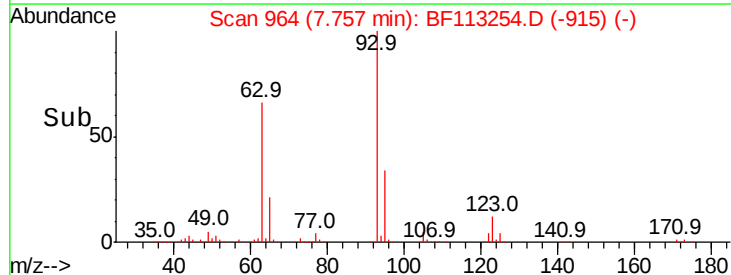
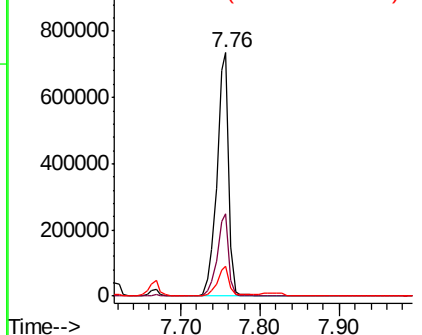


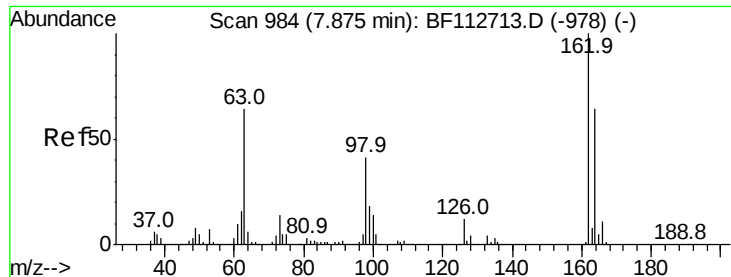
#28
 bis(2-Chloroethoxy)methane
 Concen: 39.983 ng
 RT: 7.76 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion: 93 Resp: 754652
 Ion Ratio Lower Upper
 93 100
 95 33.8 26.0 39.0
 123 12.0 9.3 13.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.250 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

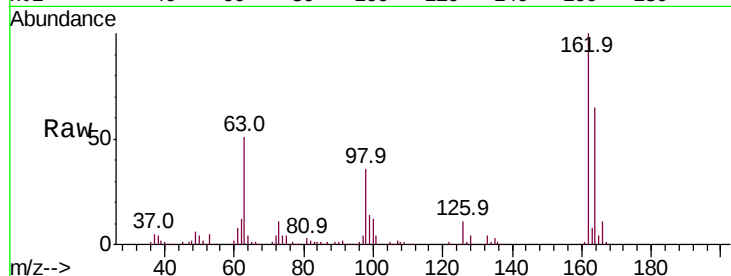
Tot Ion:162 Resp: 530016

Ion Ratio Lower Upper

162 100

164 64.6 44.0 84.0

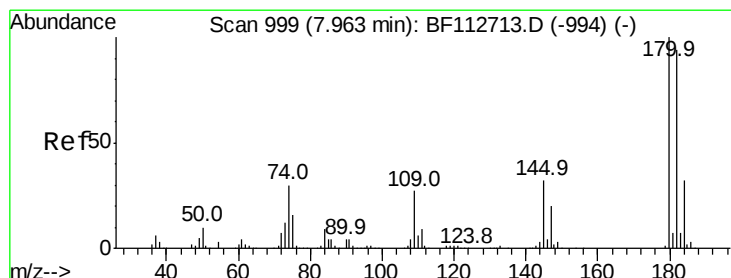
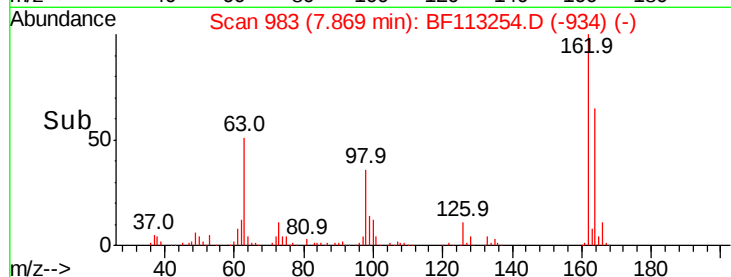
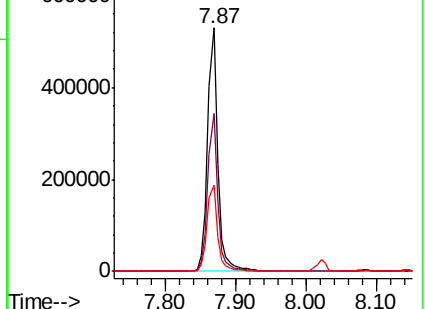
98 35.6 20.7 60.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 45.291 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

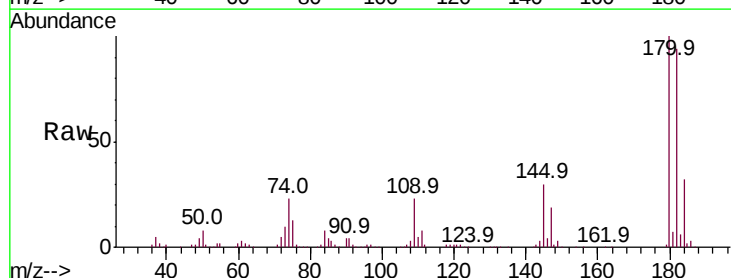
Tgt Ion:180 Resp: 570016

Ion Ratio Lower Upper

180 100

182 94.4 75.2 112.8

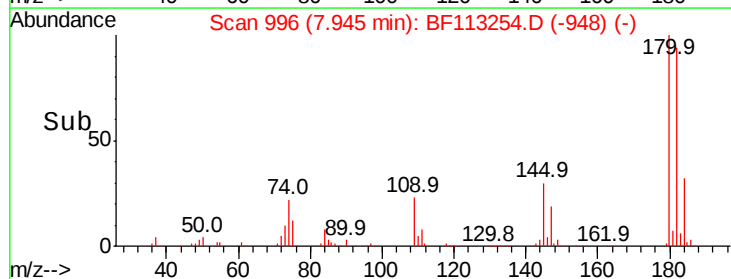
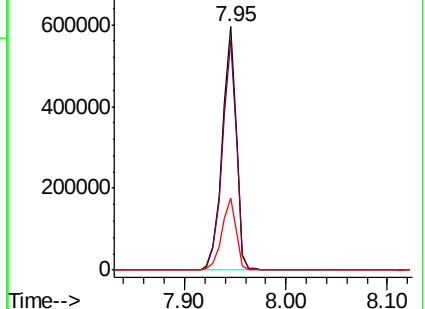
145 29.5 25.4 38.0

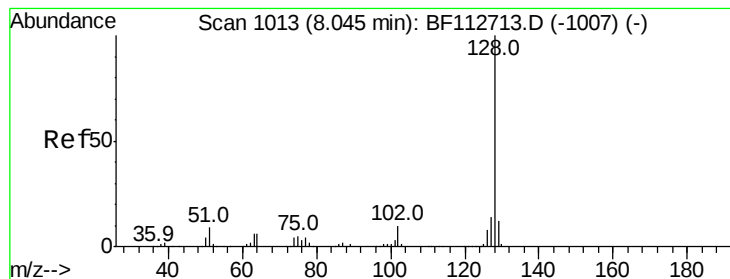


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.477 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

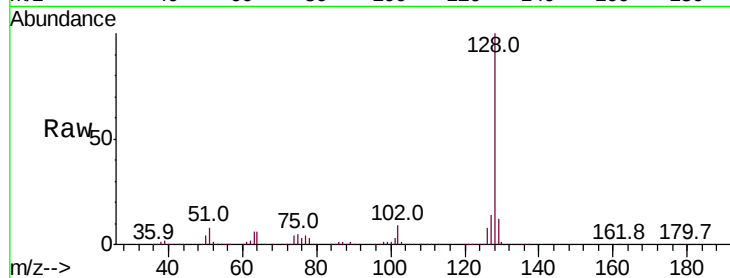
Tot Ion:128 Resp: 1685037

Ion Ratio Lower Upper

128 100

129 11.9 9.3 13.9

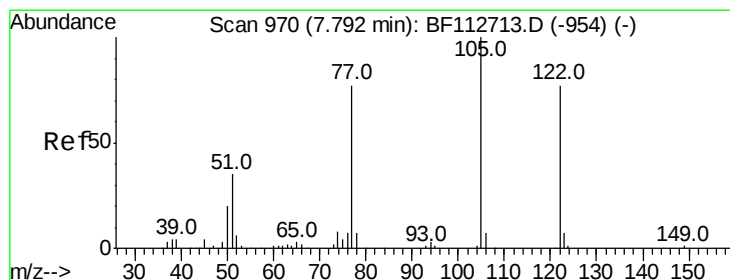
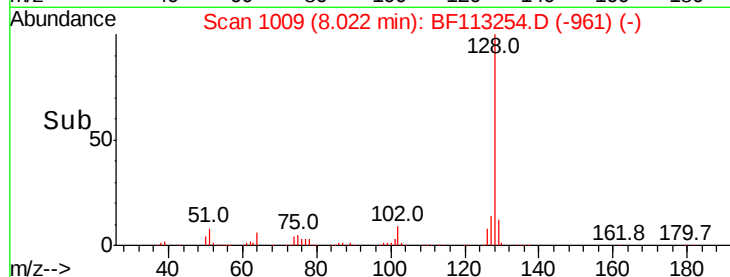
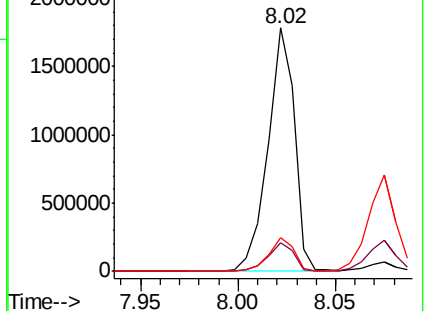
127 14.0 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.204 ng

RT: 7.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

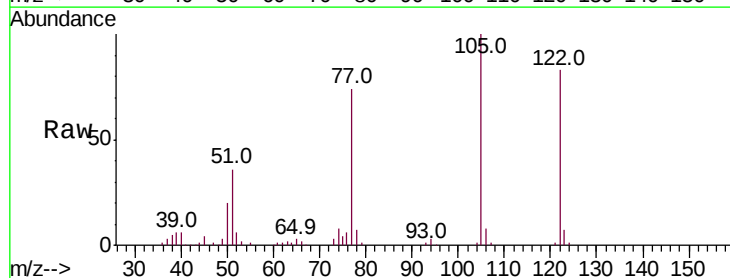
Tgt Ion:122 Resp: 408081

Ion Ratio Lower Upper

122 100

105 120.6 106.8 146.8

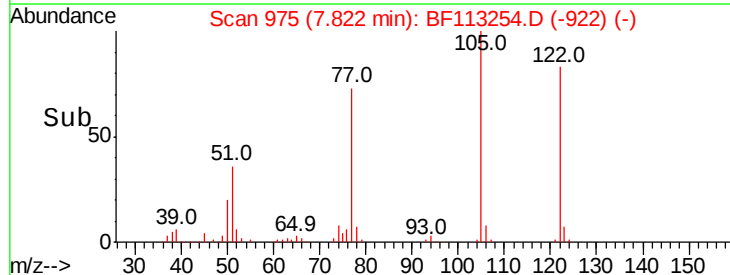
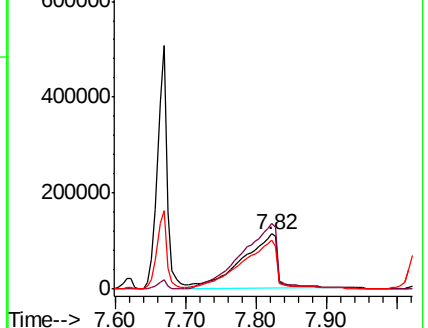
77 89.1 79.4 119.4

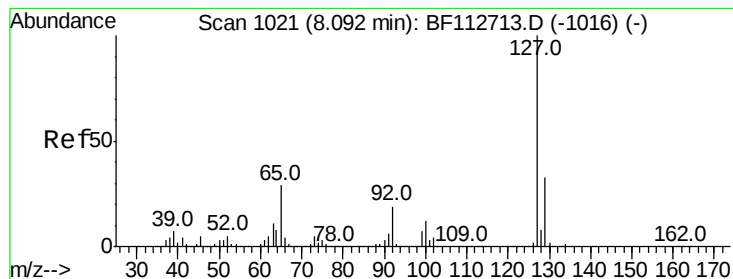


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 41.585 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 733246

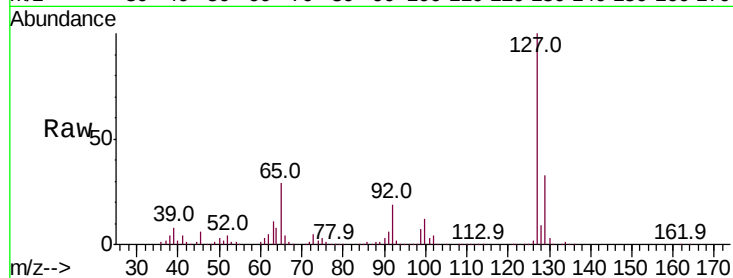
Ion Ratio Lower Upper

127 100

129 32.8 26.4 39.6

65 29.3 23.1 34.7

92 18.7 14.9 22.3

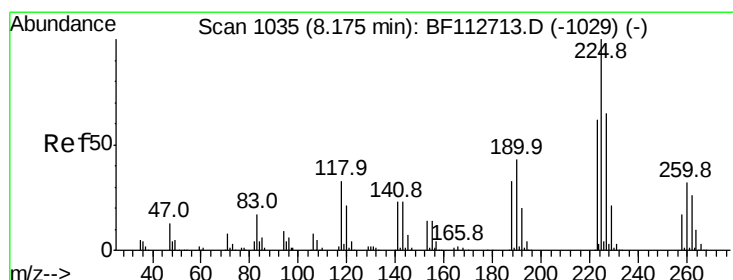
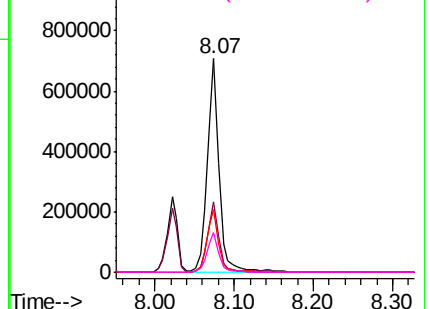
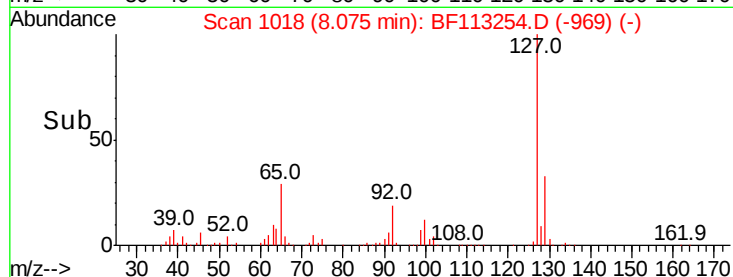


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 47.591 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

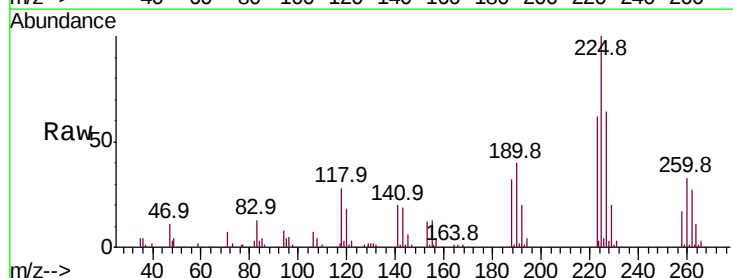
Tgt Ion:225 Resp: 337793

Ion Ratio Lower Upper

225 100

223 61.6 49.7 74.5

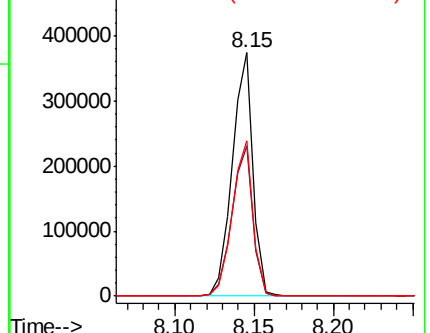
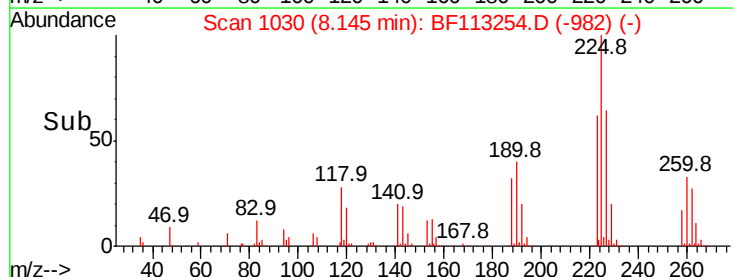
227 63.7 52.1 78.1

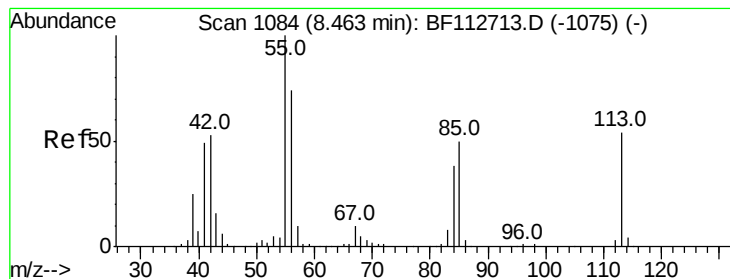


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.494 ng

RT: 8.46 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampled :

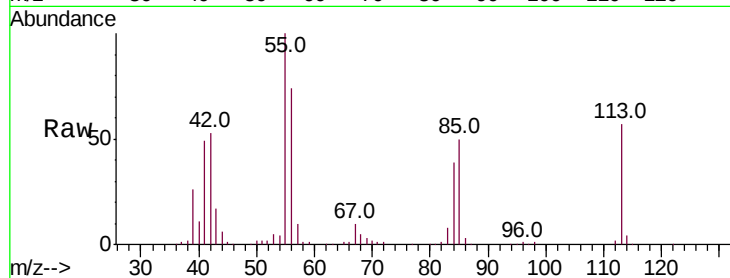
Tot Ion:113 Resp: 142303

Ion Ratio Lower Upper

113 100

55 174.0 163.5 203.5

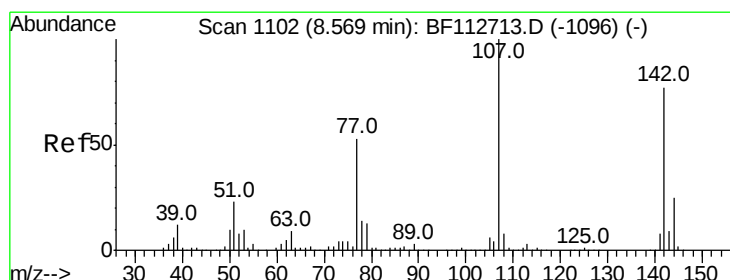
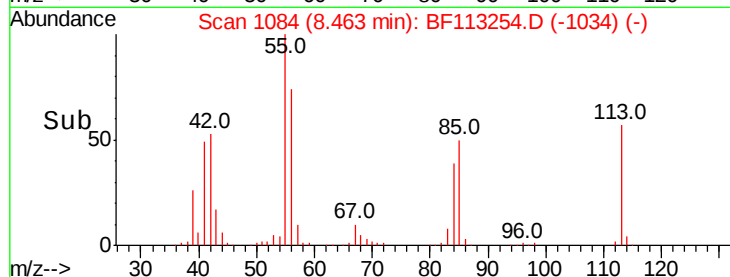
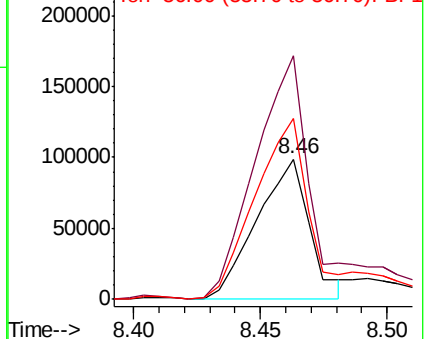
56 129.0 115.3 155.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.760 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

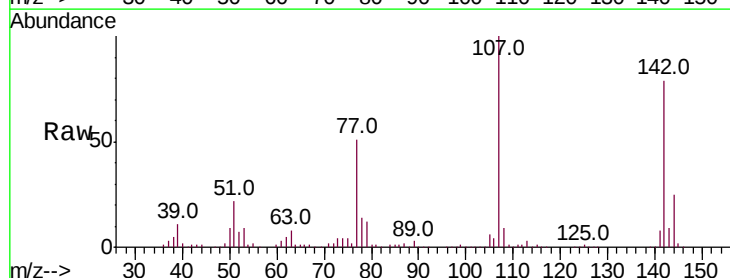
Tgt Ion:107 Resp: 541321

Ion Ratio Lower Upper

107 100

144 25.4 20.1 30.1

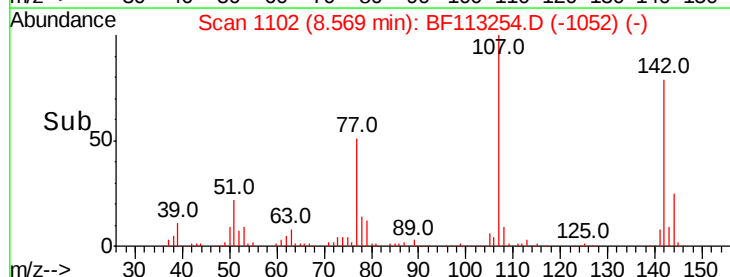
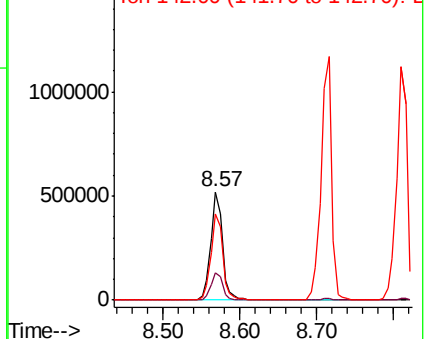
142 79.4 61.9 92.9

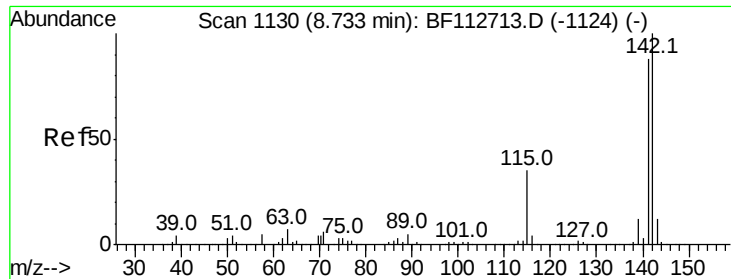


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

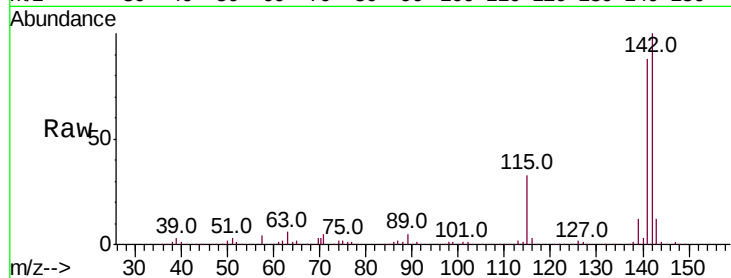




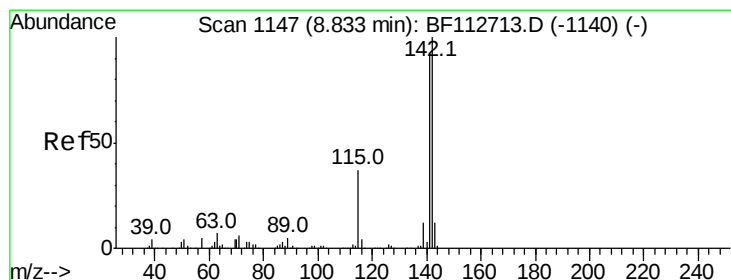
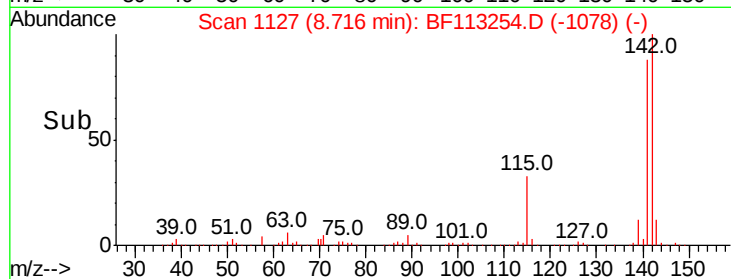
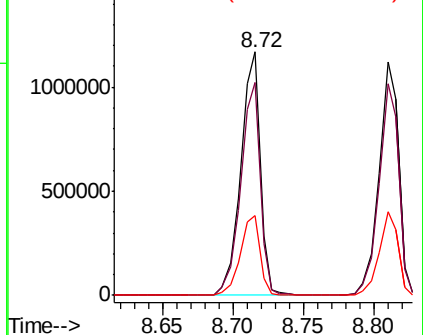
#37
 2-Methylnaphthalene
 Concen: 41.912 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1126763
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.3 105.5
 115 32.8 27.8 41.6

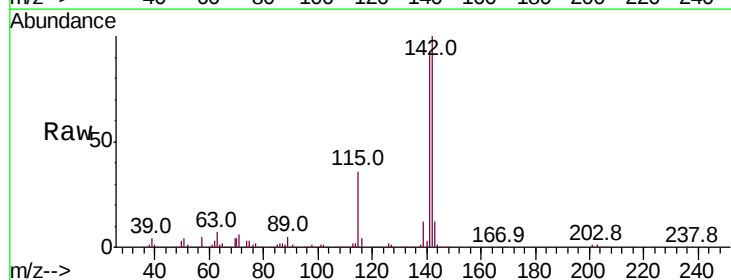


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

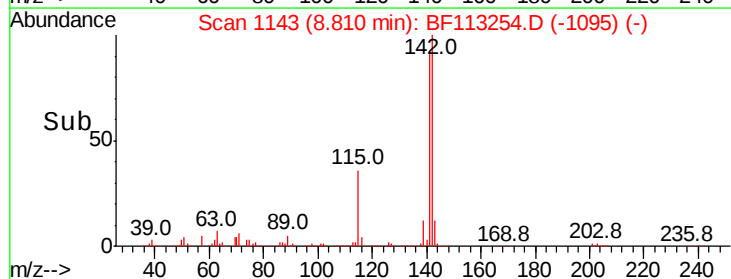
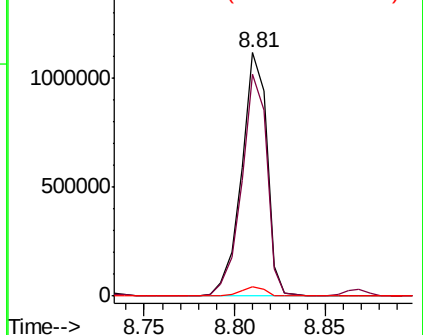


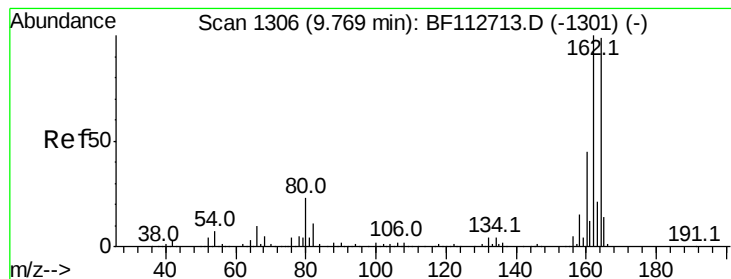
#38
 1-Methylnaphthalene
 Concen: 41.636 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion:142 Resp: 1084288
 Ion Ratio Lower Upper
 142 100
 141 90.9 73.7 110.5
 116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

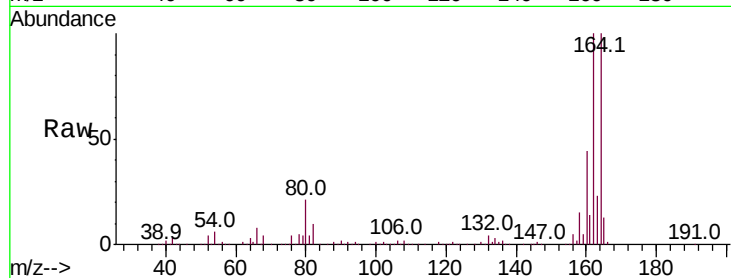
Tot Ion:164 Resp: 418445

Ion Ratio Lower Upper

164 100

162 100.0 80.6 120.8

160 44.3 36.0 54.0

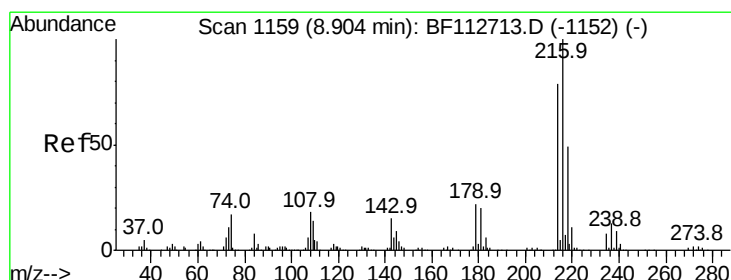
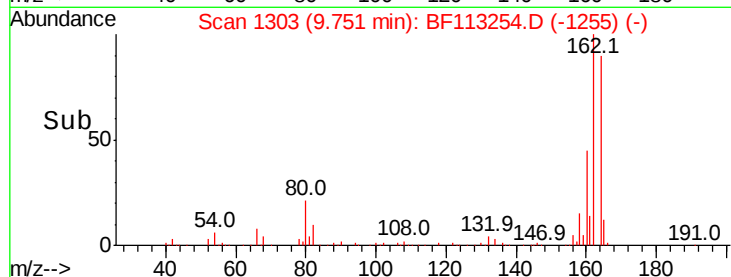
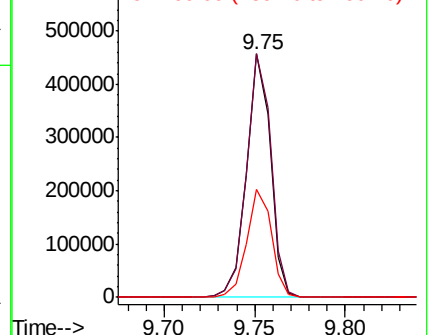


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.053 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Tgt Ion:216 Resp: 549751

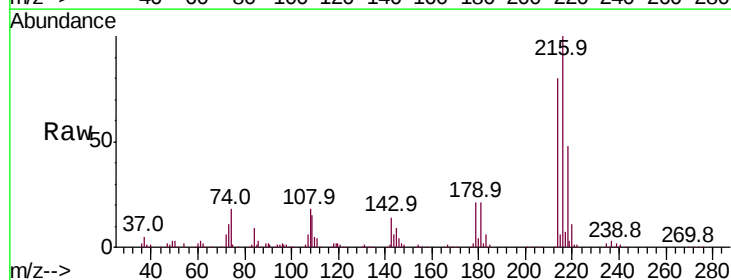
Ion Ratio Lower Upper

216 100

214 79.4 63.2 94.8

179 20.4 17.5 26.3

108 17.5 16.7 25.1



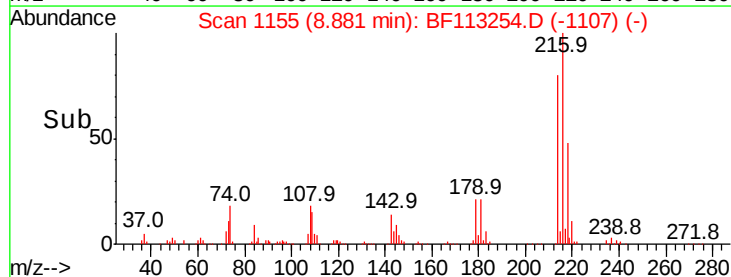
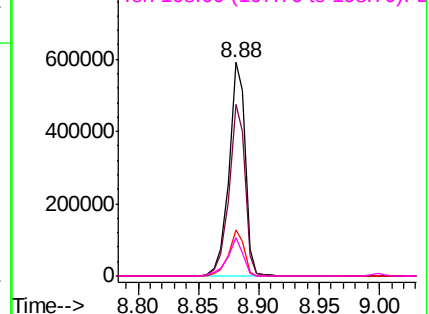
Abundance

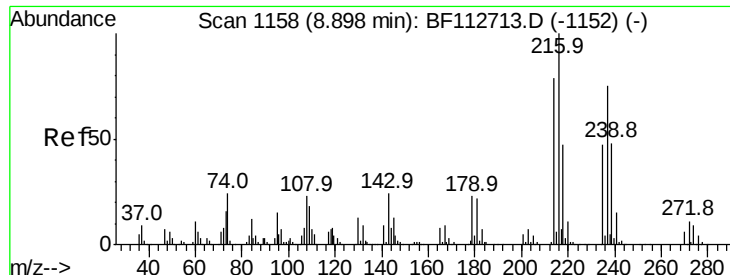
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.659 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

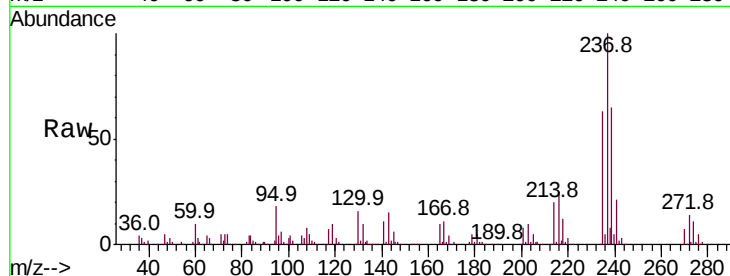
Tot Ion:237 Resp: 251638

Ion Ratio Lower Upper

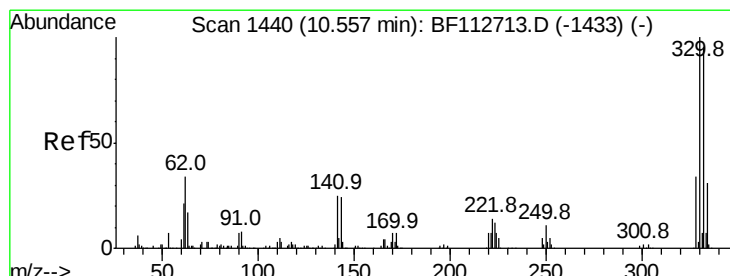
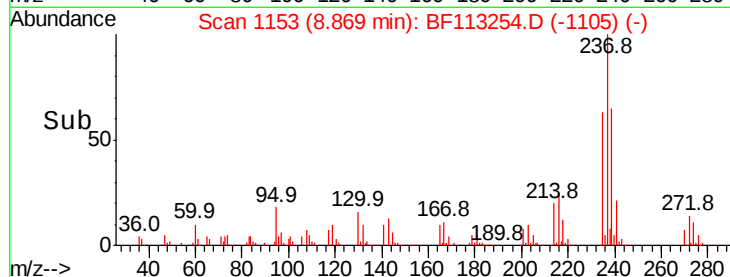
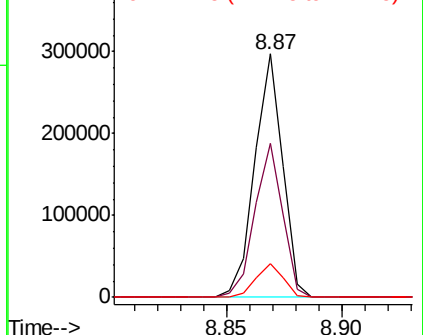
237 100

235 63.4 42.2 82.2

272 13.9 0.0 34.0



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.478 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

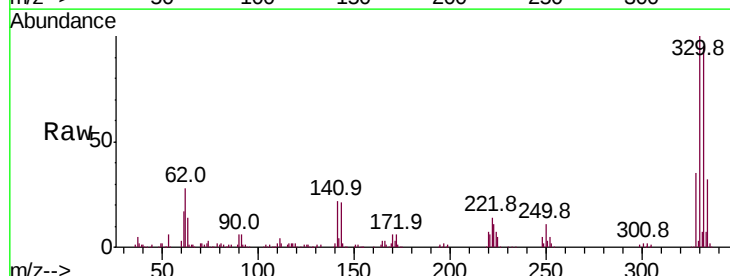
Tgt Ion:330 Resp: 424145

Ion Ratio Lower Upper

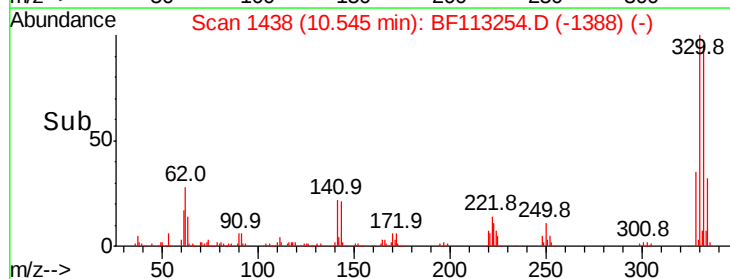
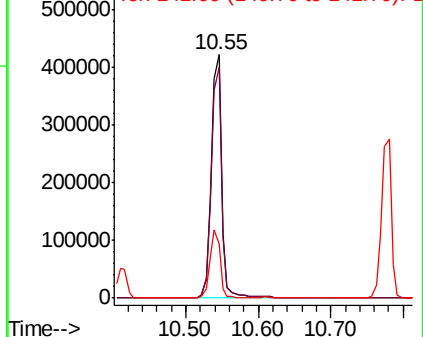
330 100

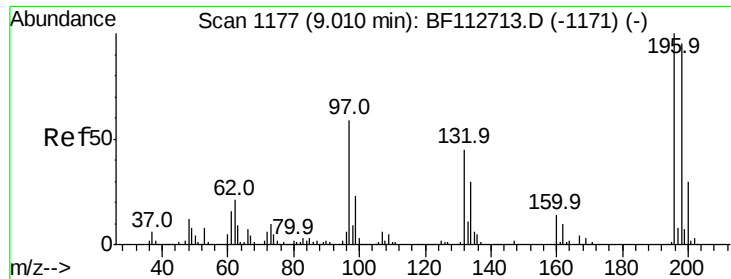
332 94.2 76.2 114.4

141 27.4 27.0 40.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

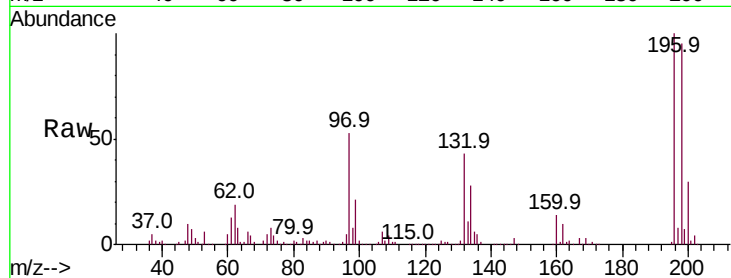




#43
 2,4,6-Trichlorophenol
 Concen: 43.717 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	75.8	113.8
200	30.2	24.3	36.5

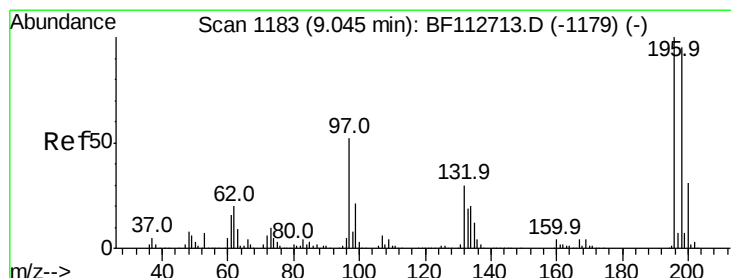
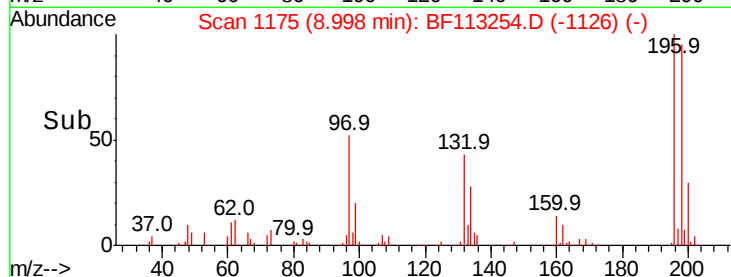
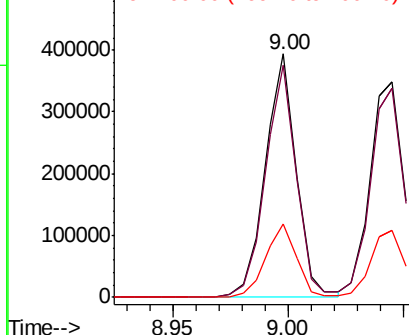


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.381 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.2
97	43.9	41.5	62.3
132	26.6	23.9	35.9

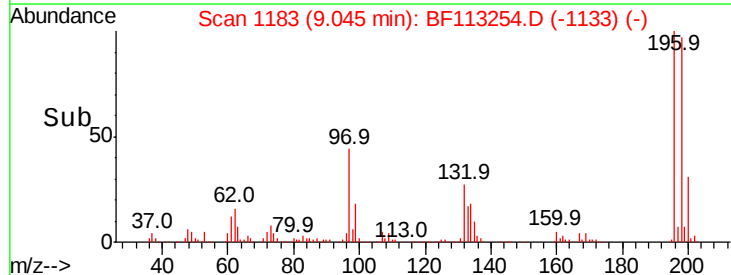
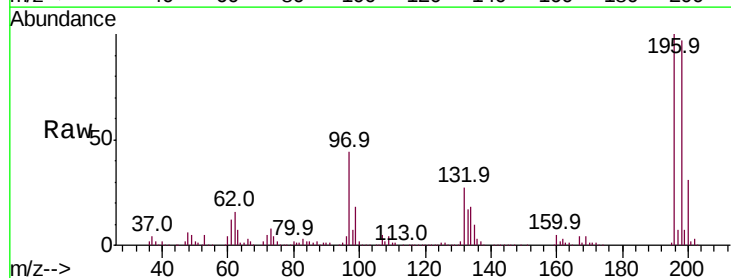
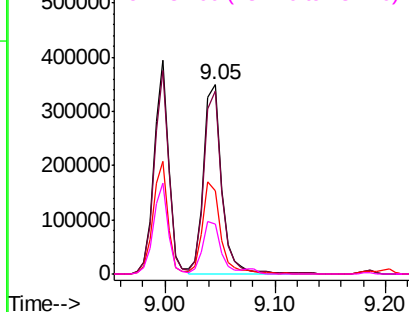
Abundance

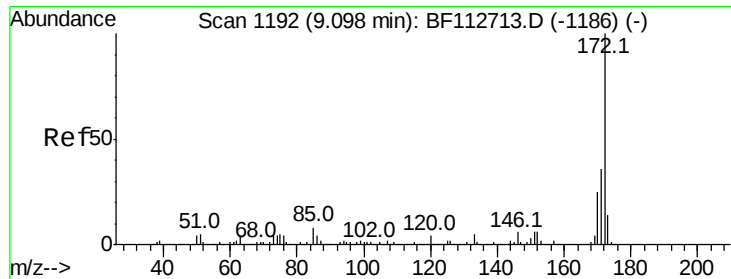
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E

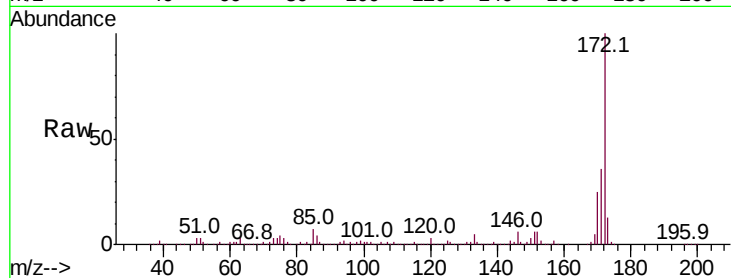




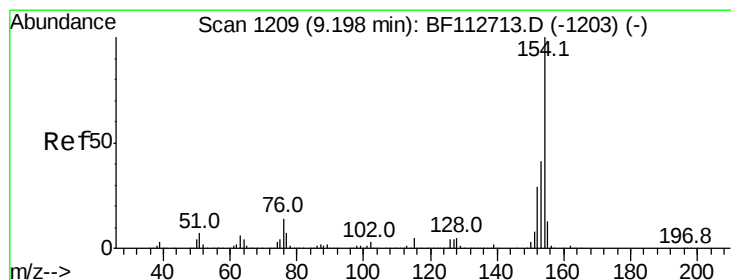
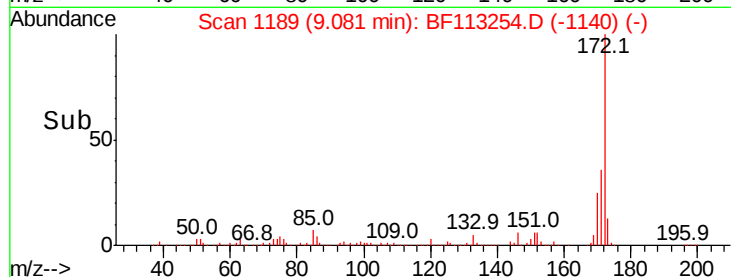
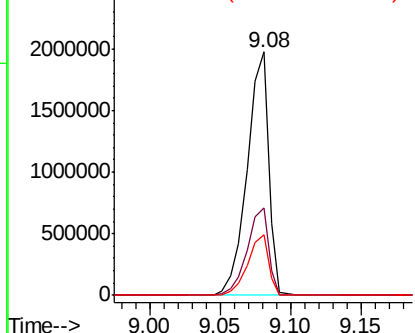
#45
2-Fluorobiphenyl
Concen: 83.174 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 2112587
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.4
170 24.8 20.0 30.0

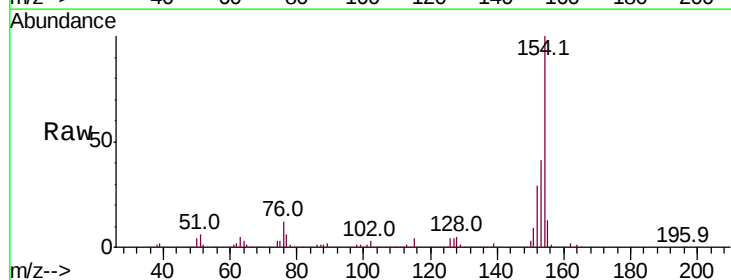


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

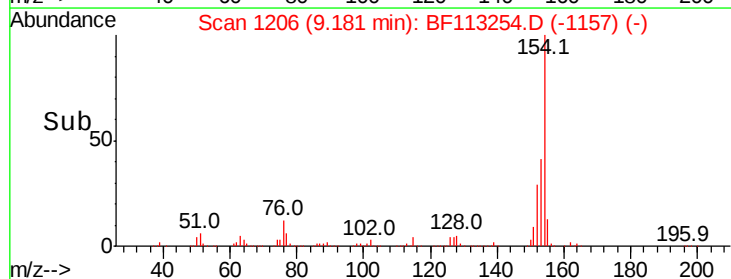
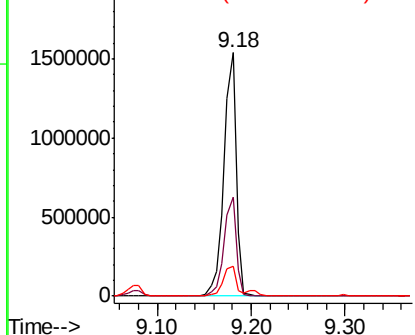


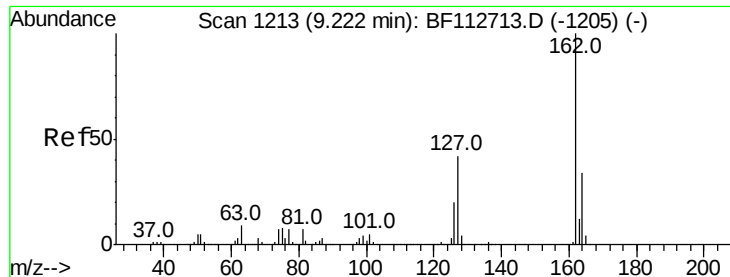
#46
1,1'-Biphenyl
Concen: 41.219 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:154 Resp: 1406832
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 12.1 0.0 33.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



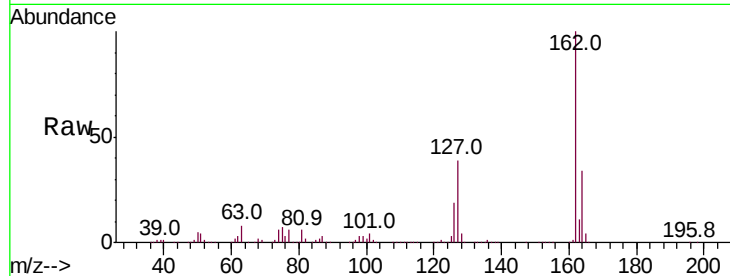


#47
 2-Chloronaphthalene
 Concen: 39.816 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

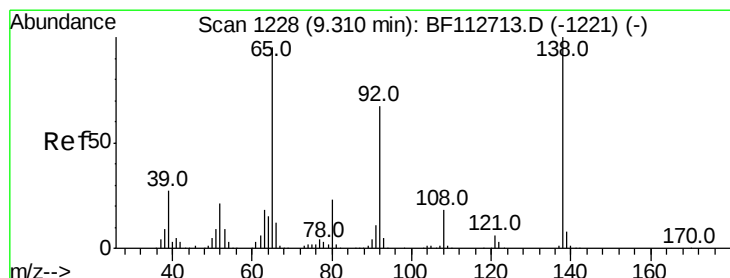
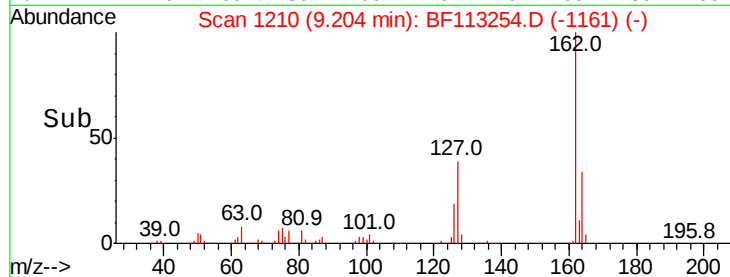
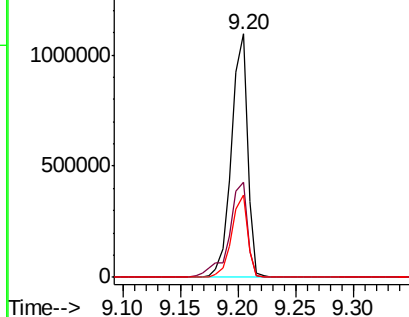
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 1061108

Ion	Ratio	Lower	Upper
162	100		
127	39.3	33.4	50.2
164	33.8	26.9	40.3



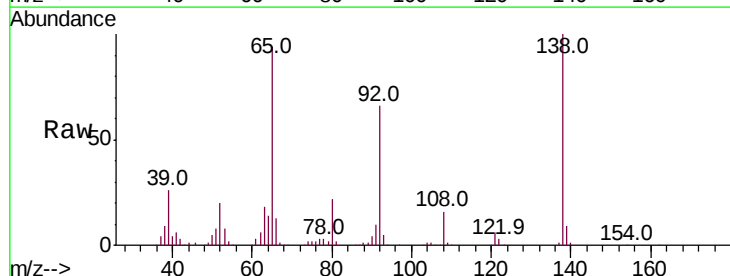
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E



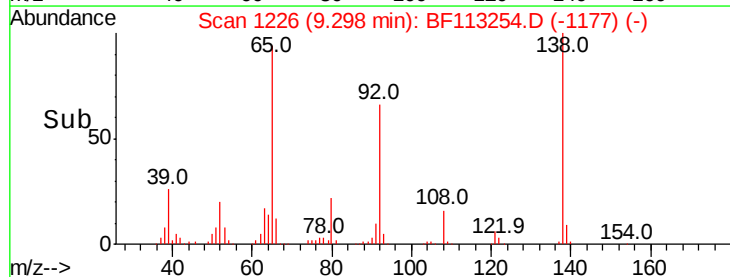
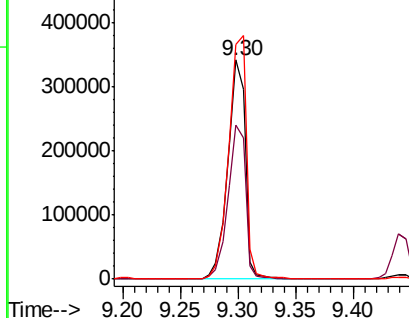
#48
 2-Nitroaniline
 Concen: 44.280 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

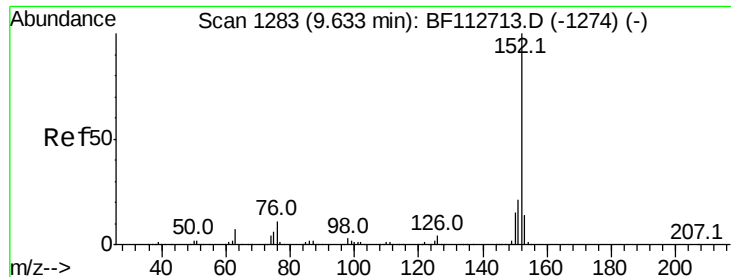
Tgt Ion: 65 Resp: 358690

Ion	Ratio	Lower	Upper
65	100		
92	70.0	56.4	84.6
138	106.8	84.6	126.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 36.903 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

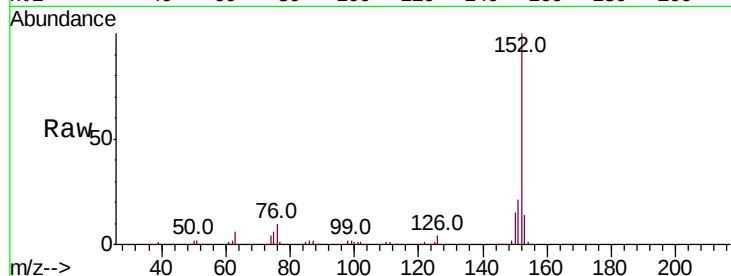
Tot Ion:152 Resp: 1669630

Ion Ratio Lower Upper

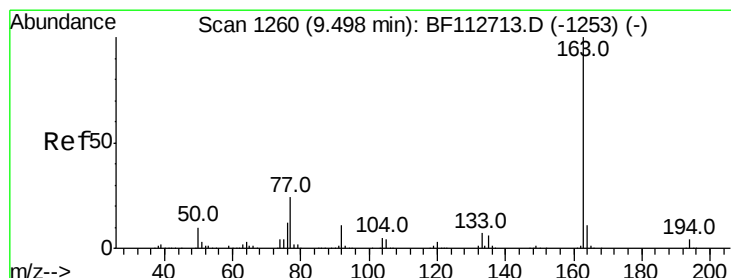
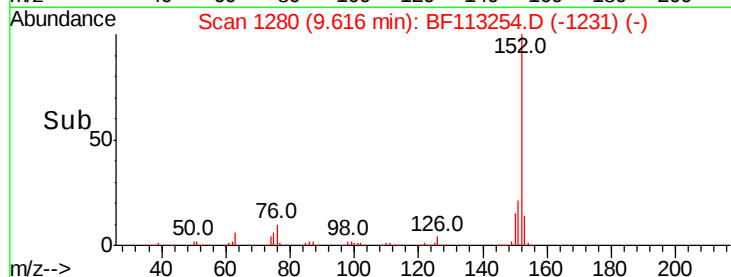
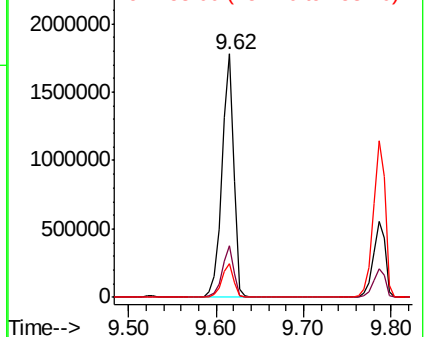
152 100

151 21.0 16.9 25.3

153 13.9 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.971 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

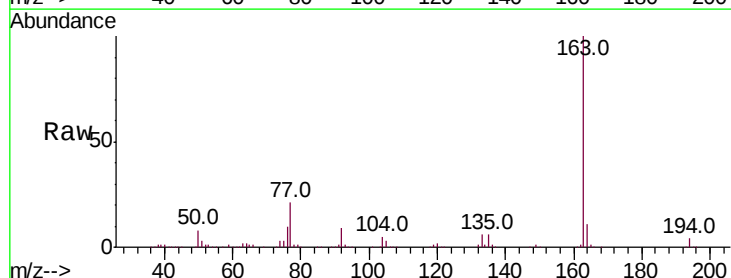
Tgt Ion:163 Resp: 1294971

Ion Ratio Lower Upper

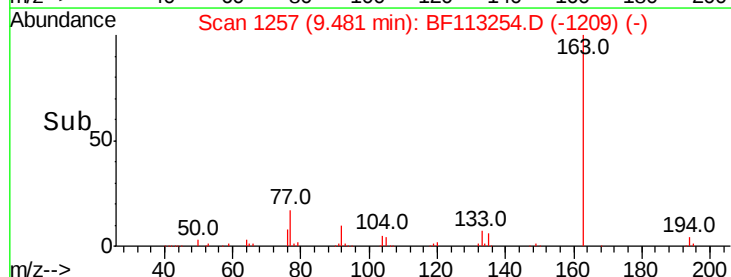
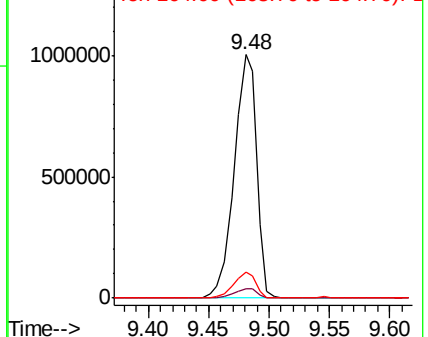
163 100

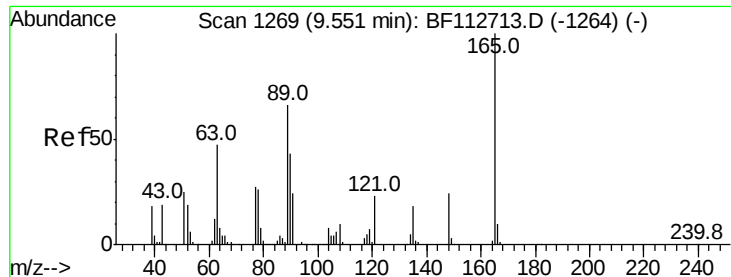
194 3.9 3.0 4.4

164 10.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

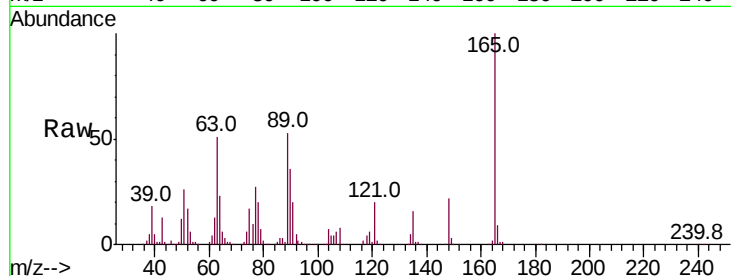




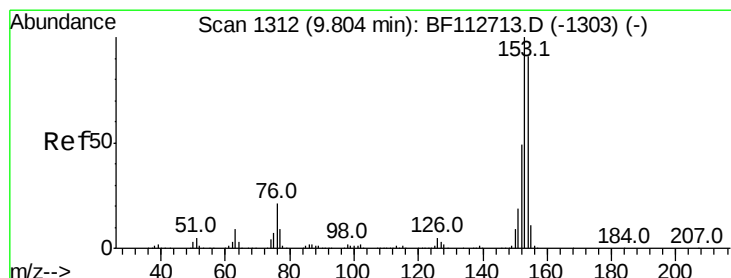
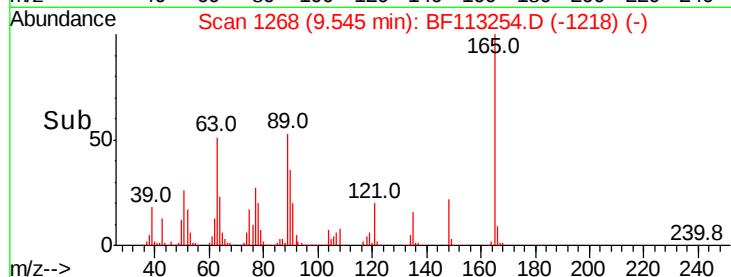
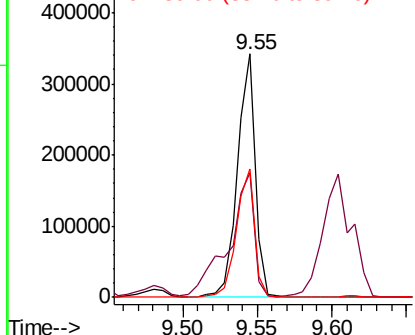
#51
 2,6-Dinitrotoluene
 Concen: 44.816 ng
 RT: 9.55 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:165 Resp: 287948
 Ion Ratio Lower Upper
 165 100
 63 51.3 54.1 81.1#
 89 52.8 52.8 79.2

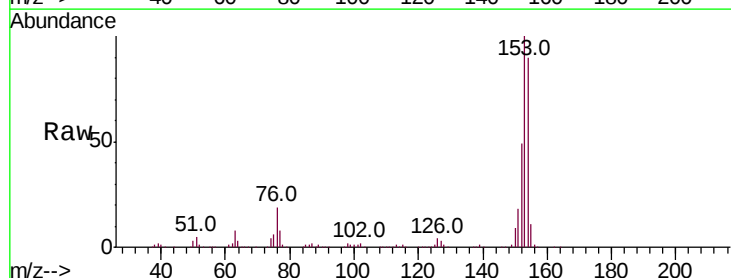


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

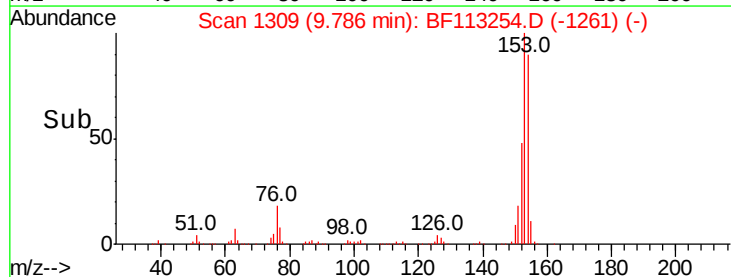
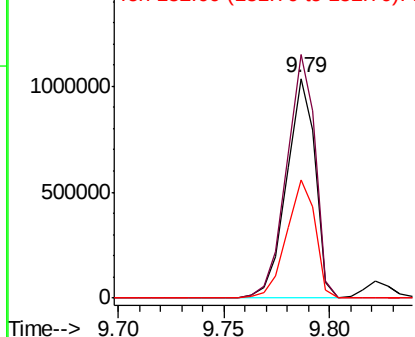


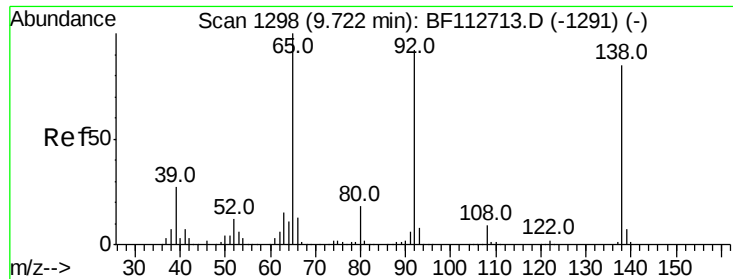
#52
 Acenaphthene
 Concen: 37.260 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion:154 Resp: 985826
 Ion Ratio Lower Upper
 154 100
 153 110.8 87.8 131.8
 152 53.8 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

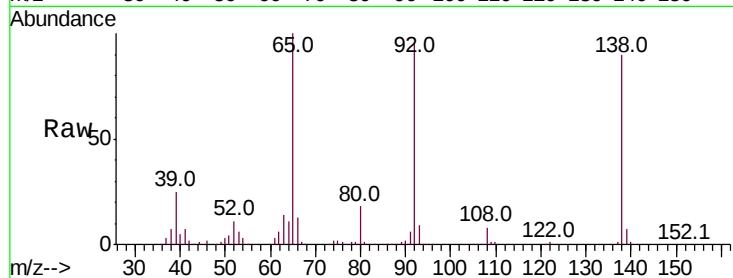




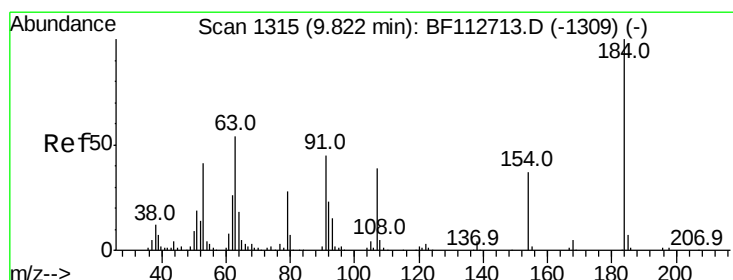
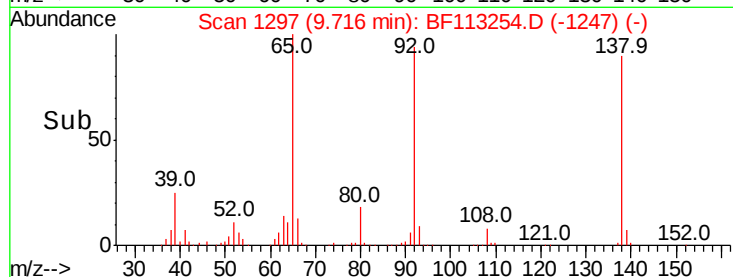
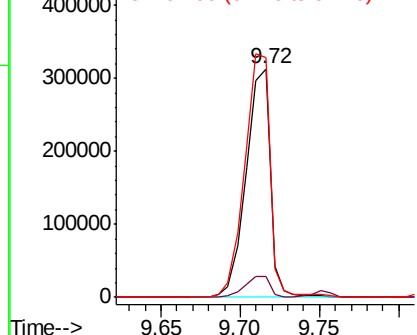
#53
3-Nitroaniline
Concen: 42.497 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 332713
Ion Ratio Lower Upper
138 100
108 9.1 8.6 13.0
92 104.7 86.6 129.8

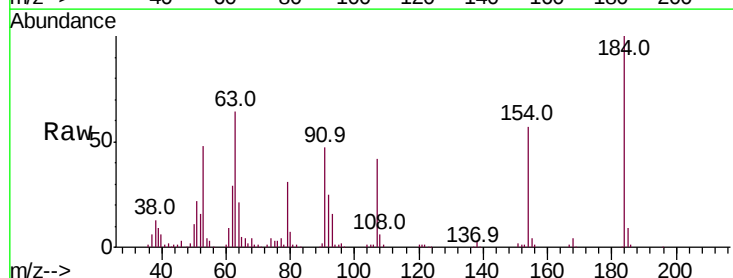


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

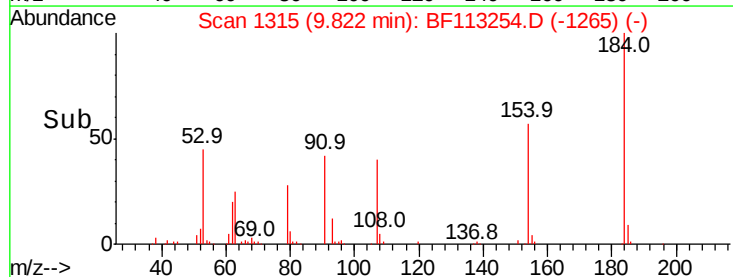
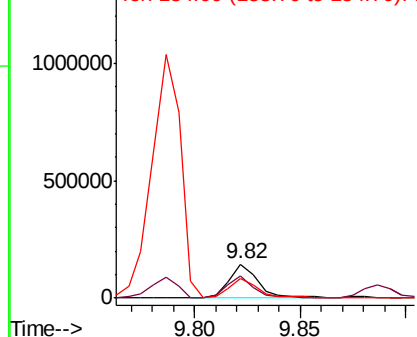


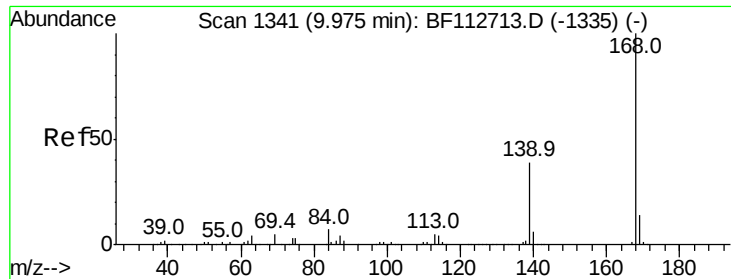
#54
2,4-Dinitrophenol
Concen: 55.759 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:184 Resp: 140951
Ion Ratio Lower Upper
184 100
63 63.8 45.3 67.9
154 57.4 46.0 69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

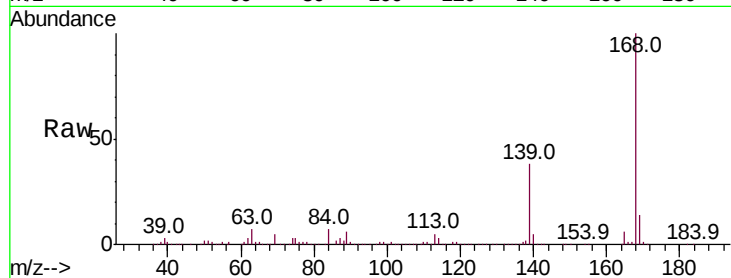




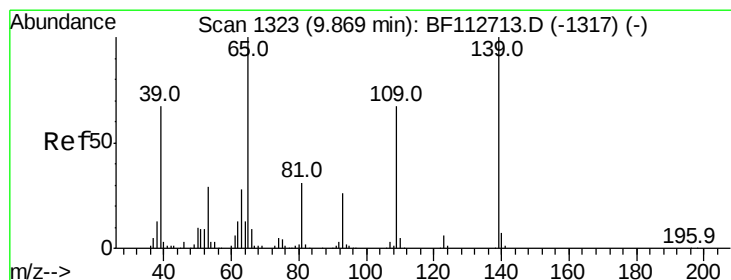
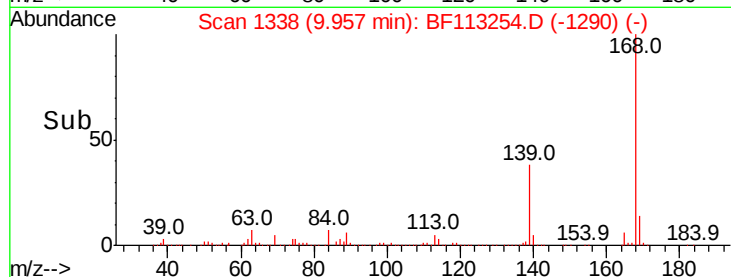
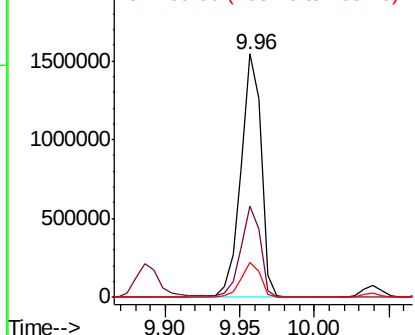
#55
Dibenzofuran
Concen: 37.948 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1459270
Ion Ratio Lower Upper
168 100
139 37.6 31.3 46.9
169 14.2 11.3 16.9

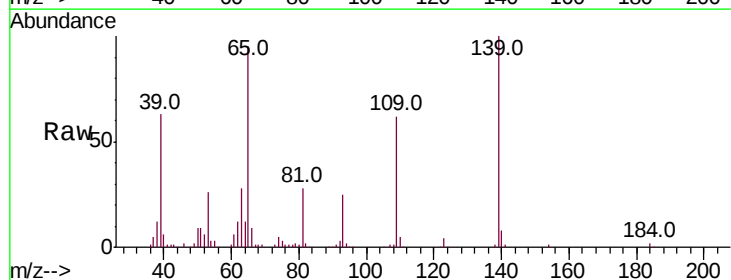


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

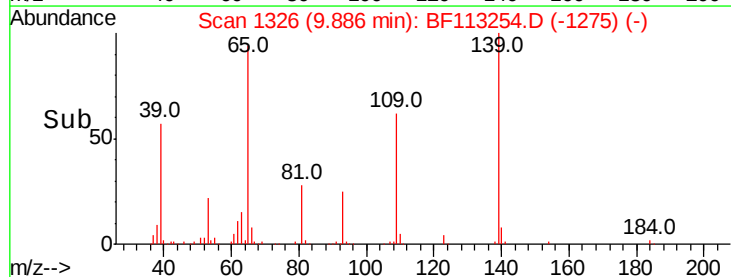
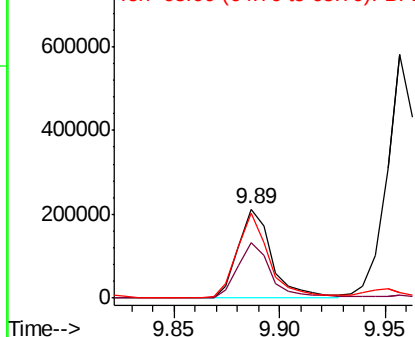


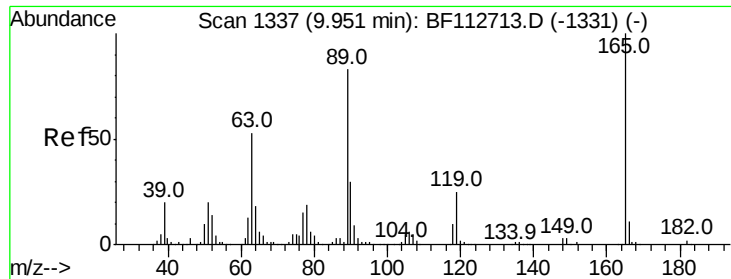
#56
4-Nitrophenol
Concen: 37.201 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:139 Resp: 236700
Ion Ratio Lower Upper
139 100
109 61.8 46.8 86.8
65 94.9 80.7 120.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

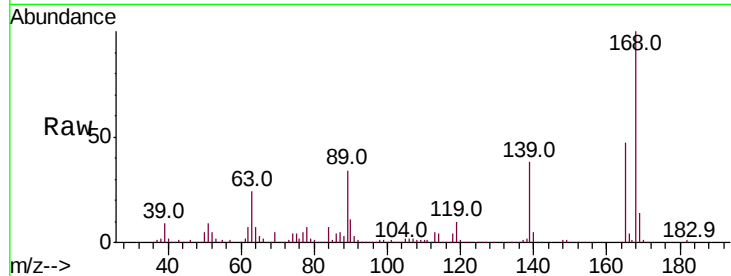




#57
2,4-Dinitrotoluene
Concen: 45.063 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.2	42.2	63.2
89	71.4	66.2	99.4
182	2.5	1.8	2.6



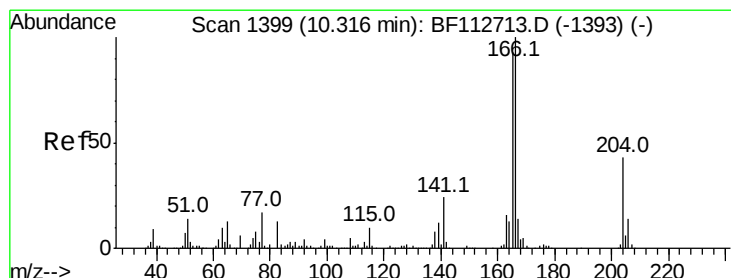
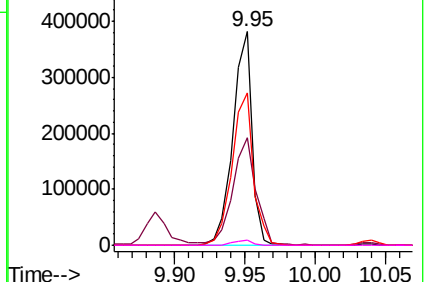
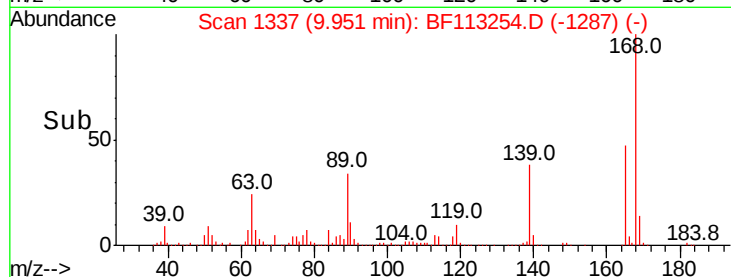
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

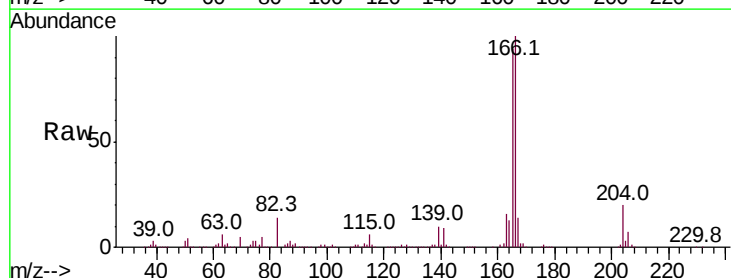
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.524 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.0	74.7	112.1
167	14.1	11.0	16.6

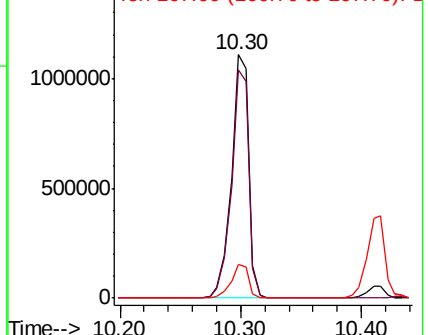
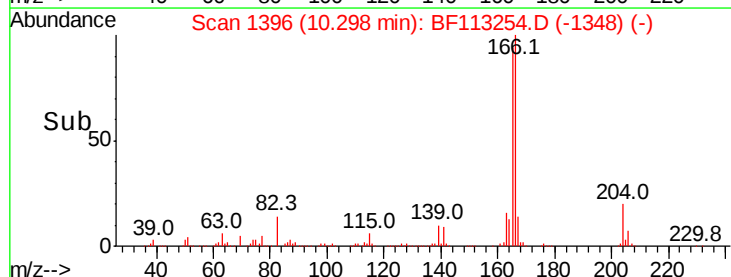


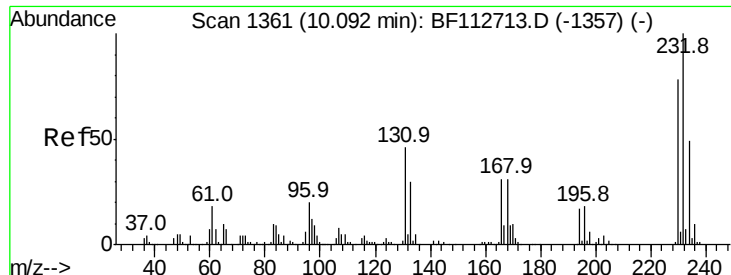
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

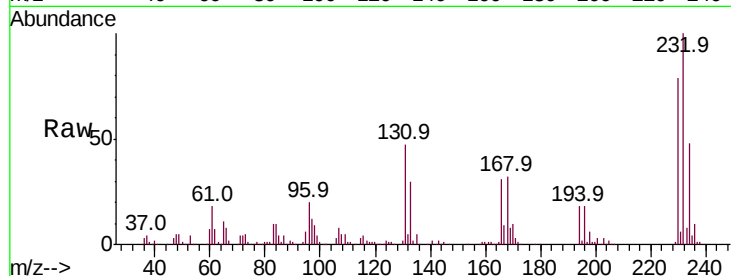




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.743 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.5	38.7	58.1
130	2.0	1.9	2.9
166	28.1	25.2	37.8



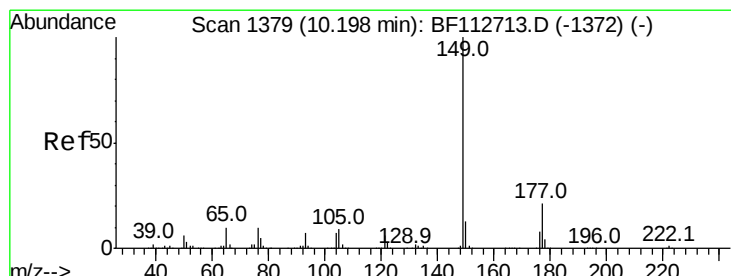
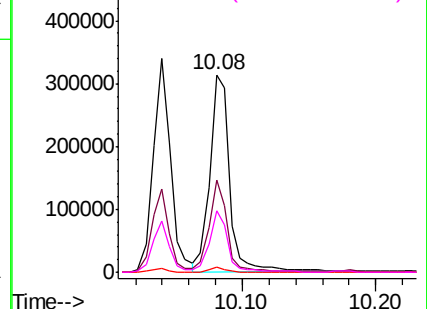
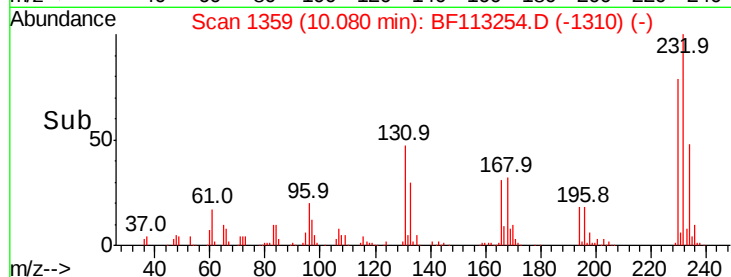
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

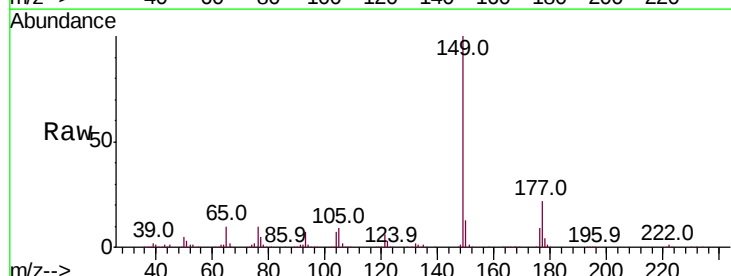
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.642 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.0	25.6
150	13.1	10.0	15.0

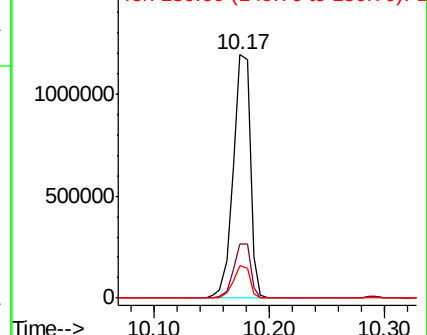
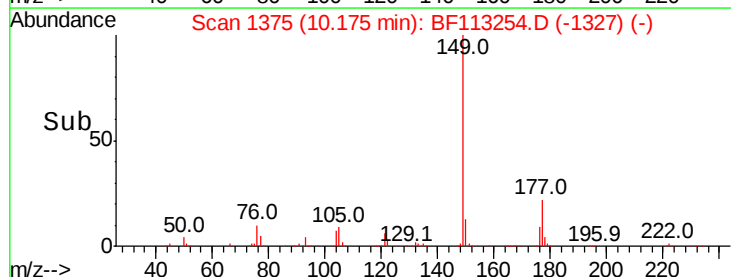


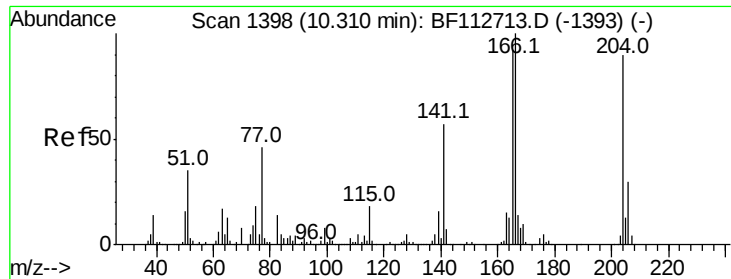
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

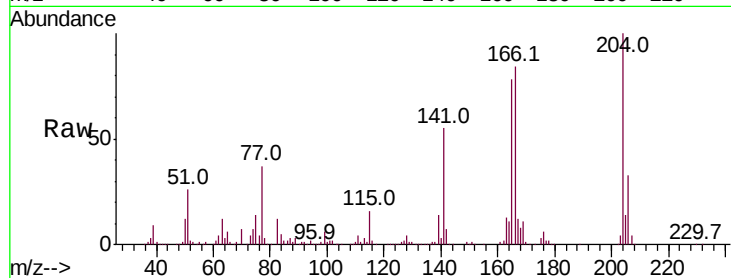




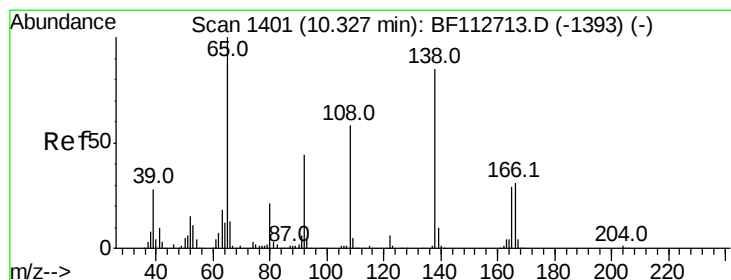
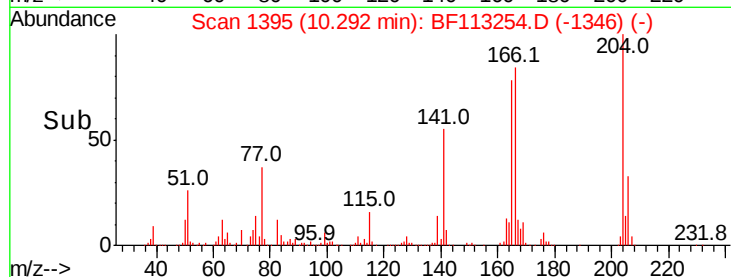
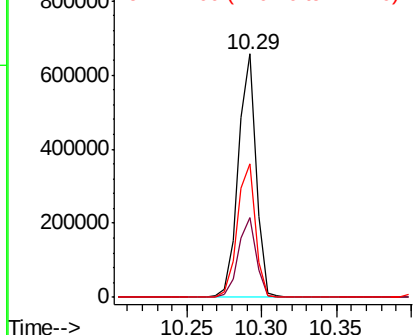
#61
4-Chlorophenyl-phenylether
Concen: 43.334 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 550277
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 54.9 50.8 76.2

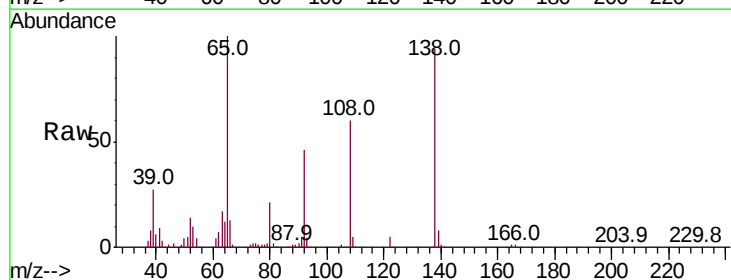


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

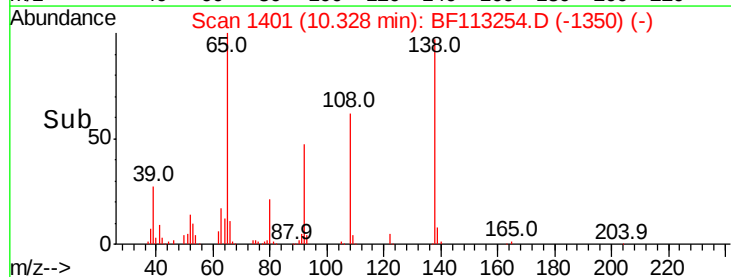
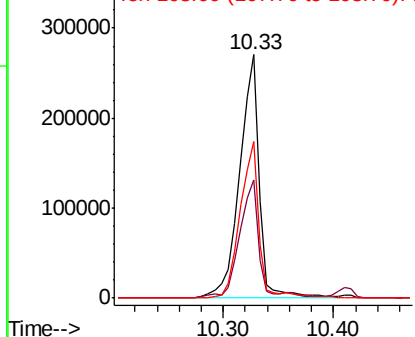


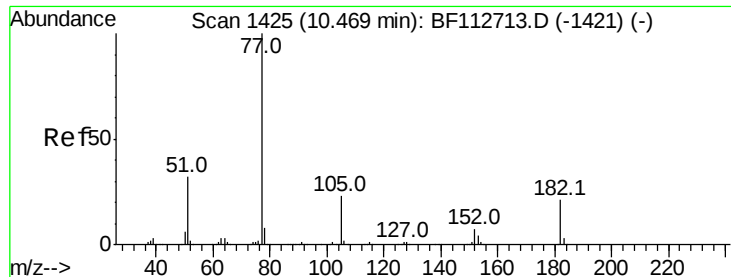
#62
4-Nitroaniline
Concen: 47.119 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.00 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:138 Resp: 340882
Ion Ratio Lower Upper
138 100
92 48.5 31.3 71.3
108 64.4 48.1 88.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

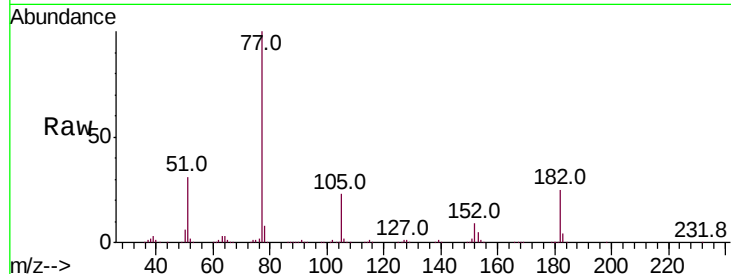




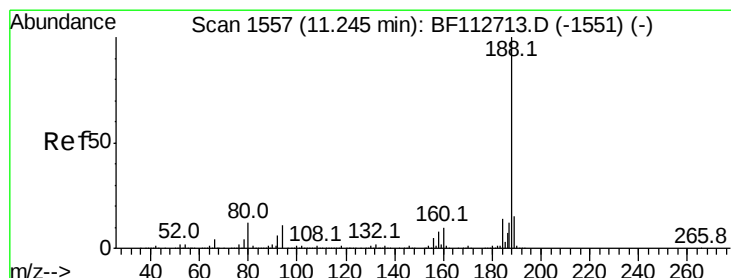
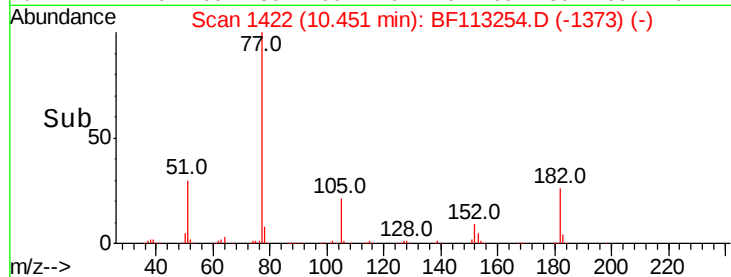
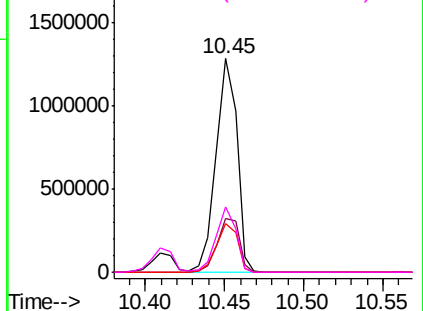
#63
Azobenzene
Concen: 35.408 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1181818
Ion Ratio Lower Upper
77 100
182 25.4 1.4 41.4
105 22.7 2.6 42.6
51 30.6 12.0 52.0

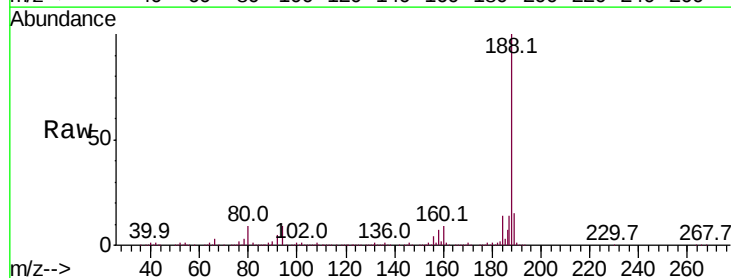


Abundance Ion 77.00 (76.70 to 77.70): BF1
2000000 Ion 182.00 (181.70 to 182.70): BF1
1500000 Ion 105.00 (104.70 to 105.70): BF1
1000000 Ion 51.00 (50.70 to 51.70): BF1
500000
0

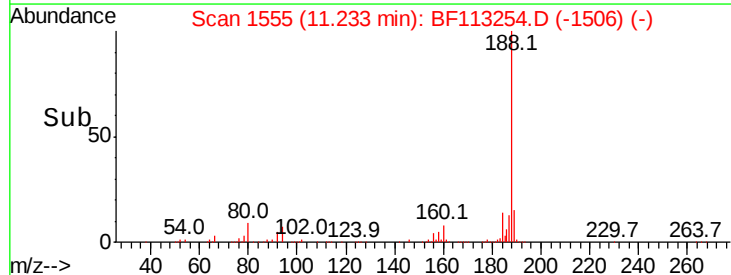
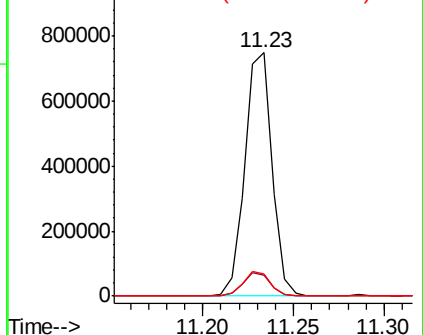


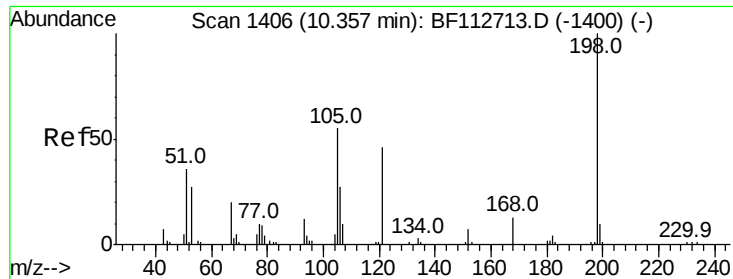
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion: 188 Resp: 778736
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 9.2 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): BF1
1000000 Ion 94.00 (93.70 to 94.70): BF1
800000 Ion 80.00 (79.70 to 80.70): BF1
600000
400000
200000
0

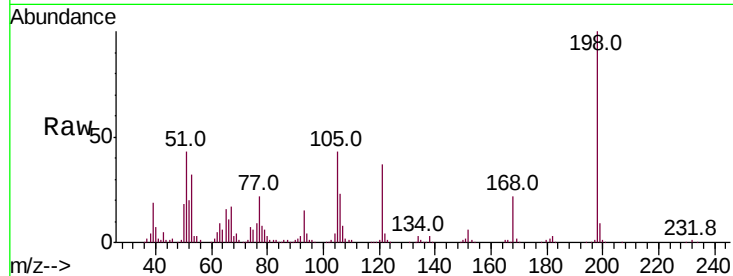




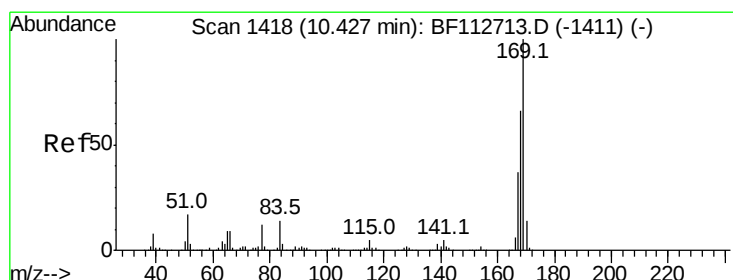
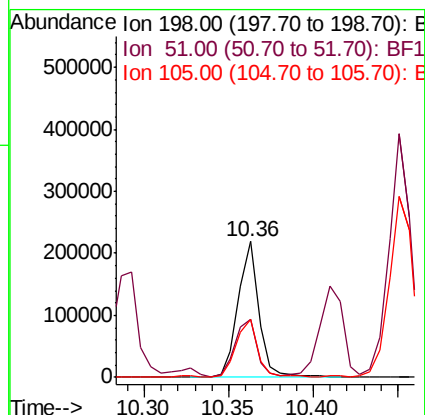
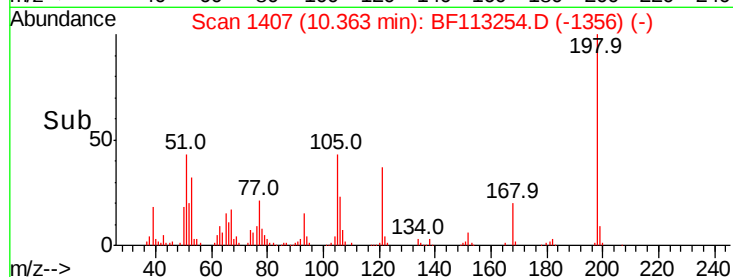
#65
4,6-Dinitro-2-methylphenol
Concen: 57.661 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 187786
Ion Ratio Lower Upper
198 100
51 43.0 43.8 83.8#
105 42.8 36.5 76.5

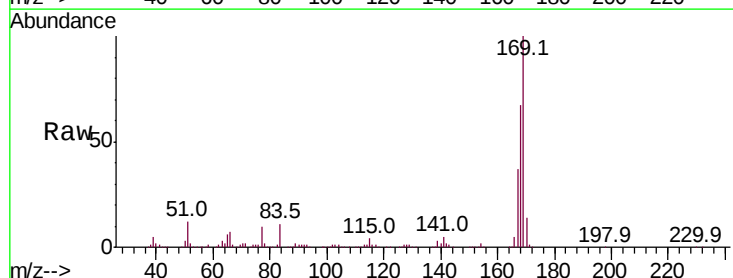


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

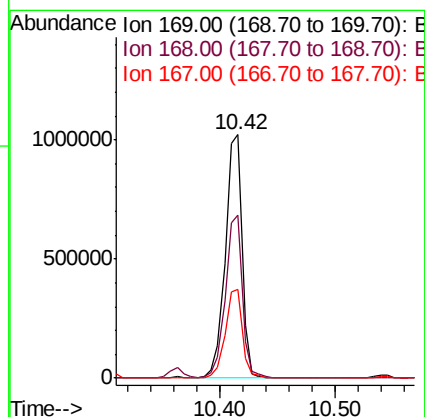
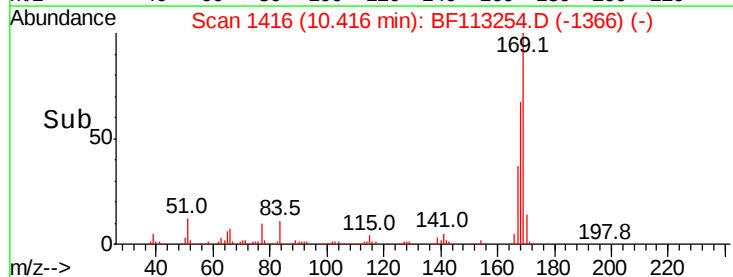


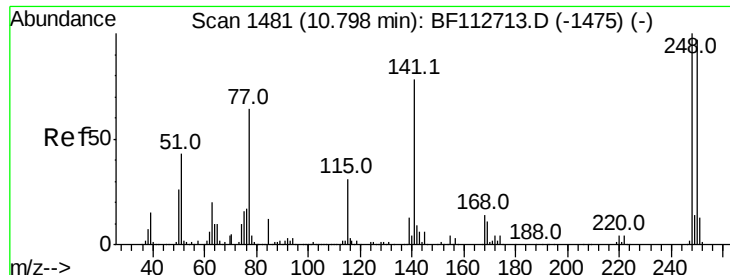
#66
n-Nitrosodiphenylamine
Concen: 41.270 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:169 Resp: 1030723
Ion Ratio Lower Upper
169 100
168 66.8 53.0 79.6
167 36.6 29.3 43.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

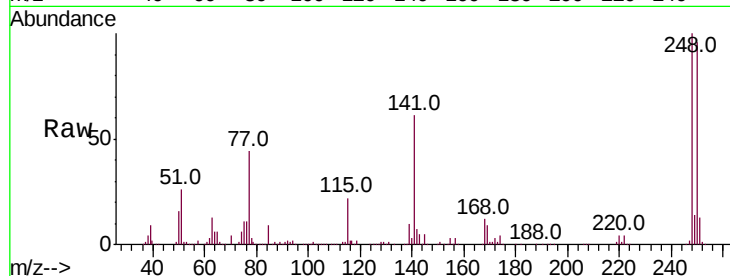




#67
 4-Bromophenyl-phenylether
 Concen: 47.705 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	77.5	116.3
141	61.3	62.4	93.6#

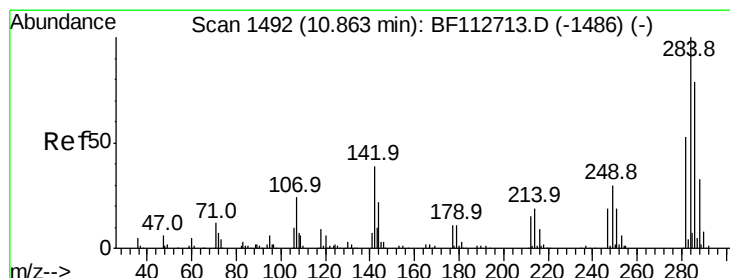
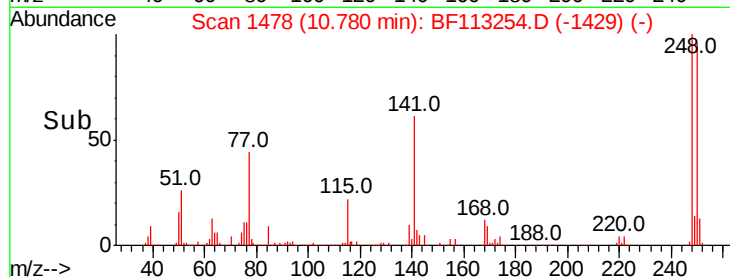
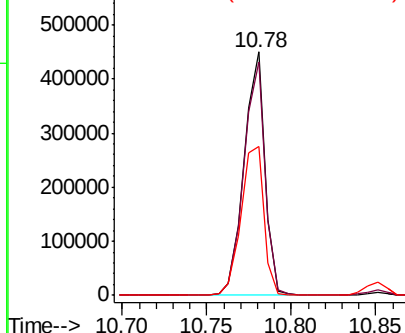


Abundance

Ion 248.00 (247.70 to 248.70): E

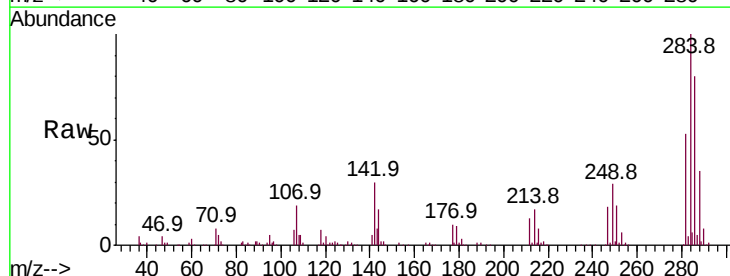
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 47.816 ng
 RT: 10.85 min Scan# 1490
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	31.0	46.6#
249	29.1	23.6	35.4

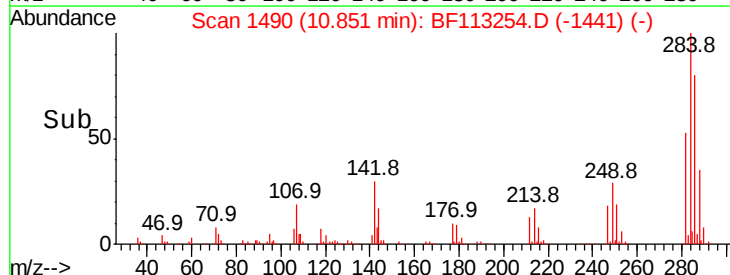
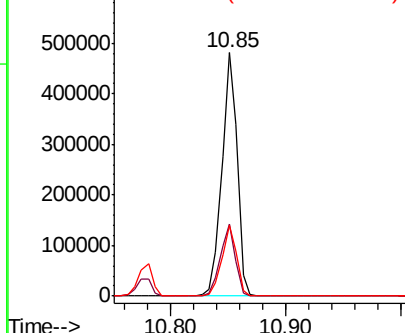


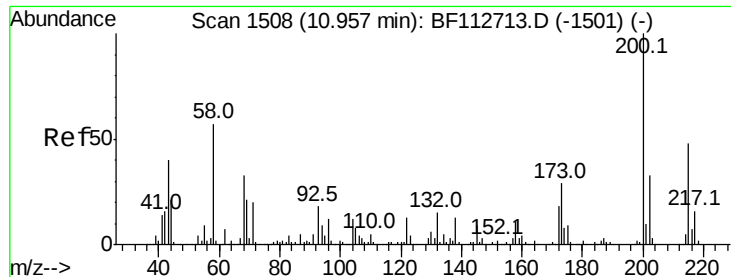
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

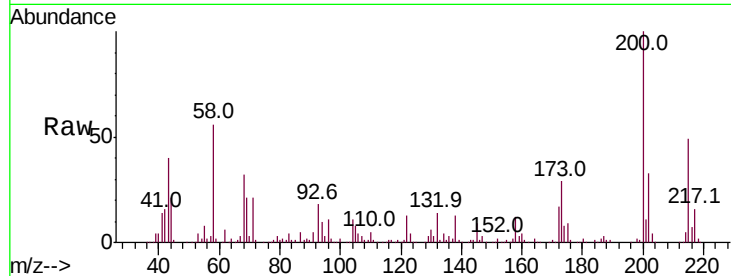




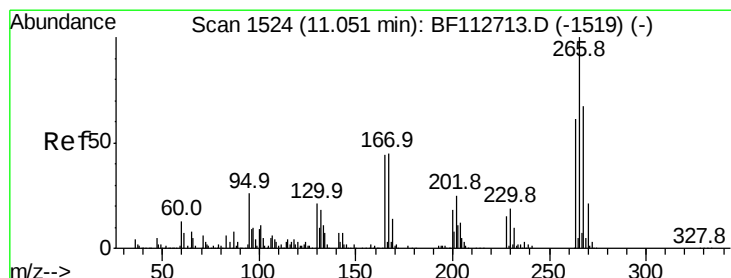
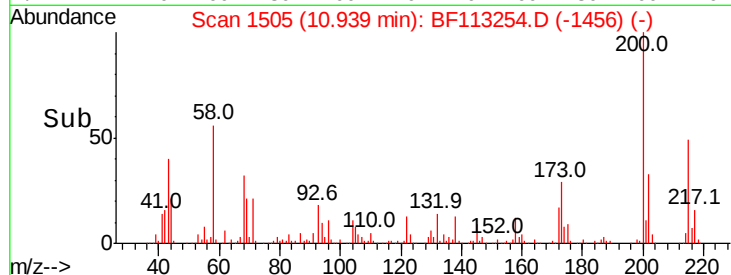
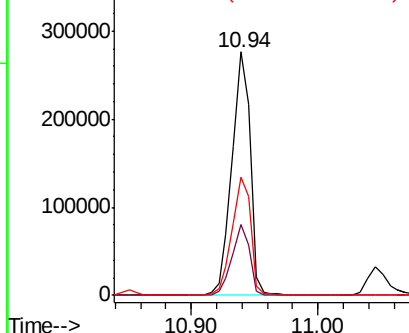
#69
Atrazine
Concen: 36.089 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.1	49.1
215	48.8	28.2	68.2

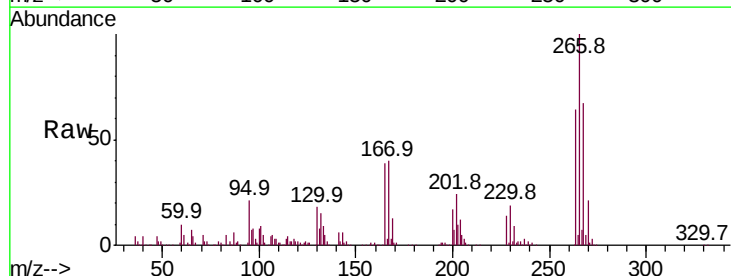


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

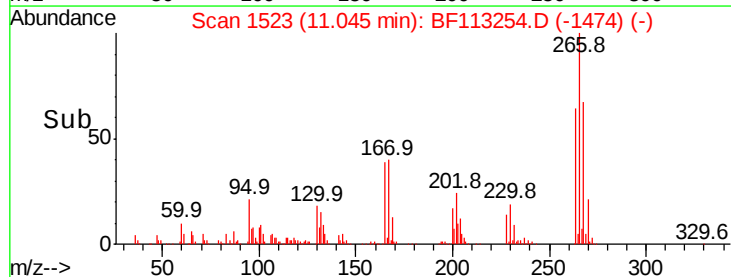
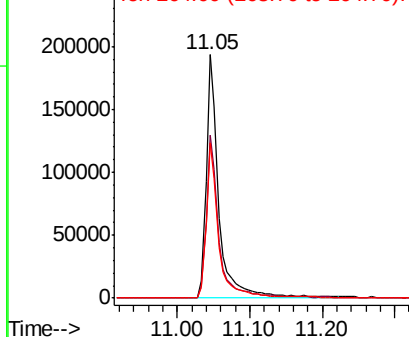


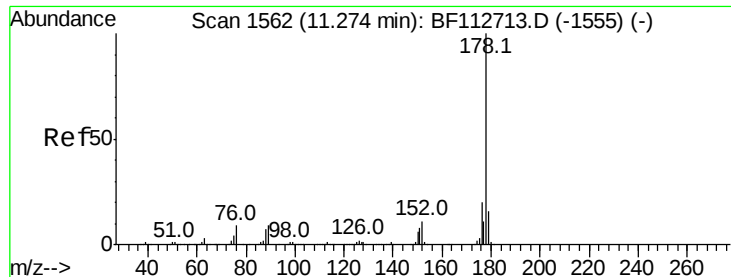
#70
Pentachlorophenol
Concen: 43.350 ng
RT: 11.05 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.0	53.3	79.9
264	63.7	48.9	73.3



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

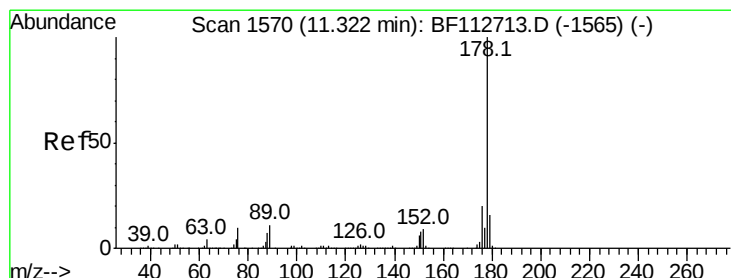
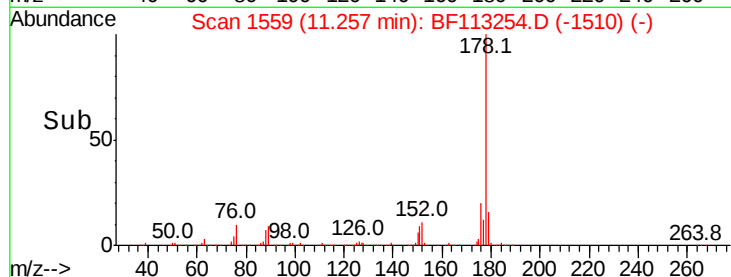
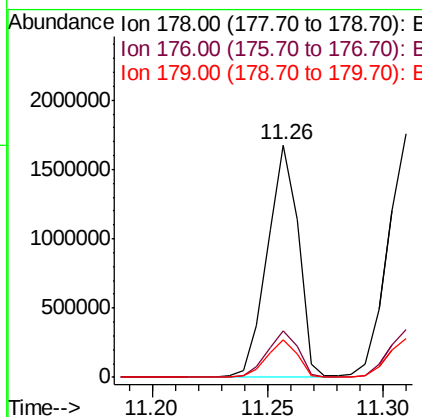
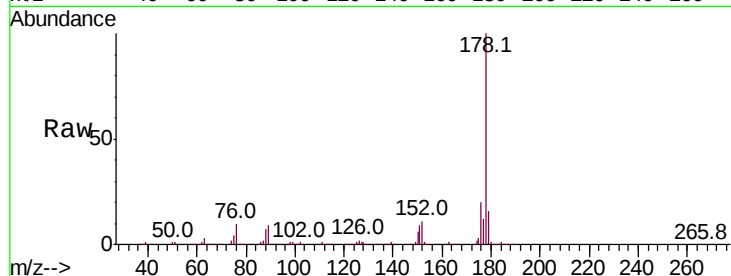




#71
Phenanthrene
Concen: 40.514 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

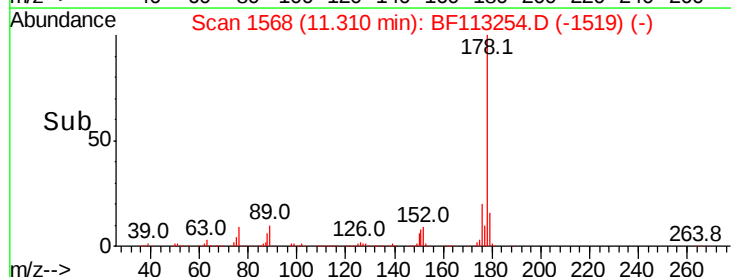
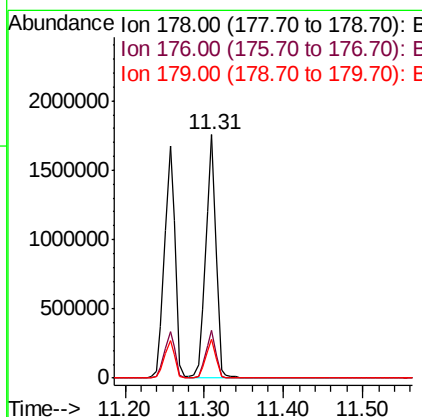
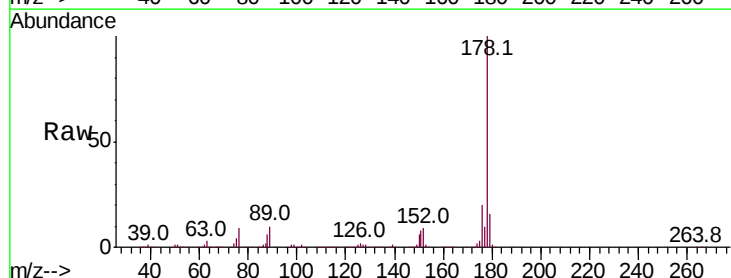
Instrument :
BNA_F
ClientSampleId :

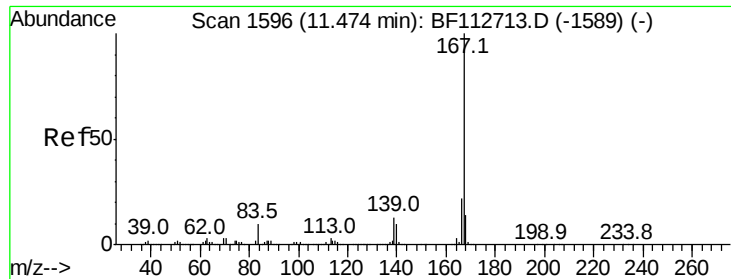
Tot Ion:178 Resp: 1569718
Ion Ratio Lower Upper
178 100
176 20.2 16.3 24.5
179 16.1 12.7 19.1



#72
Anthracene
Concen: 39.553 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:178 Resp: 1604207
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 16.0 13.0 19.6



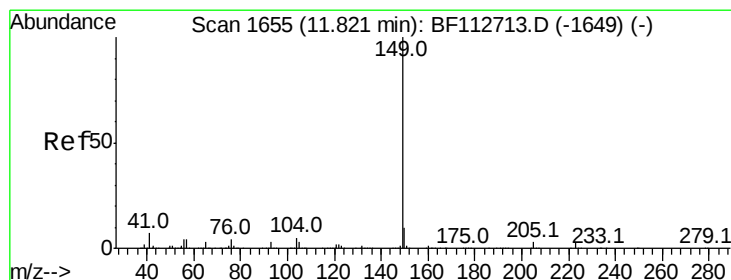
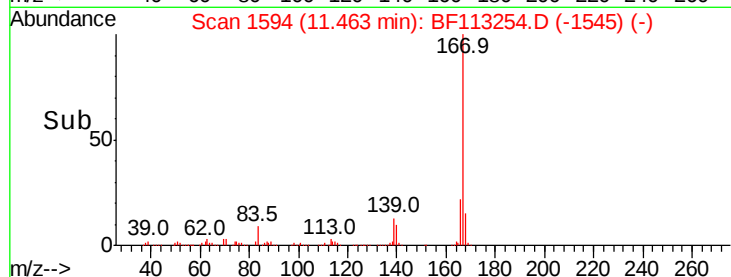
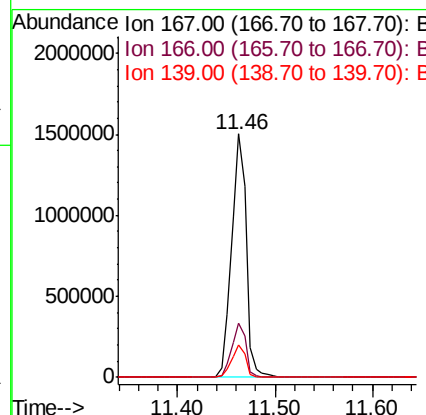
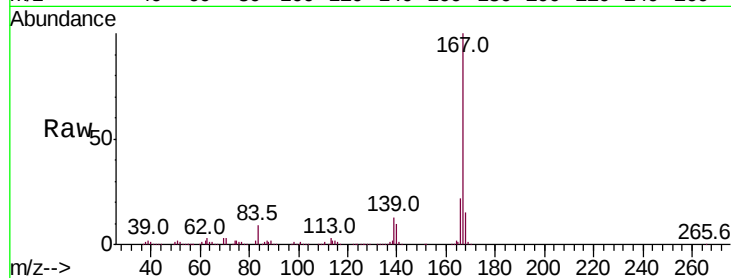


#73
 Carbazole
 Concen: 39.577 ng
 RT: 11.46 min Scan# 1594
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1565837

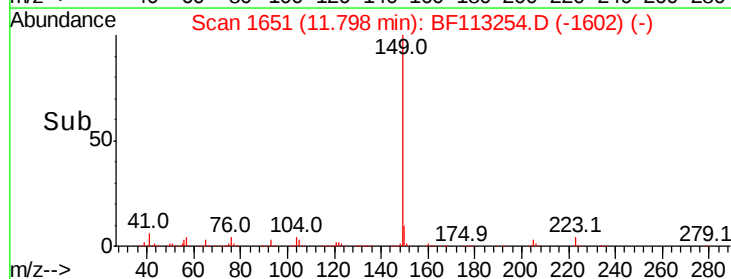
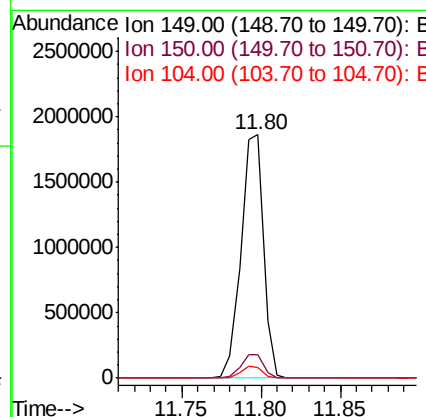
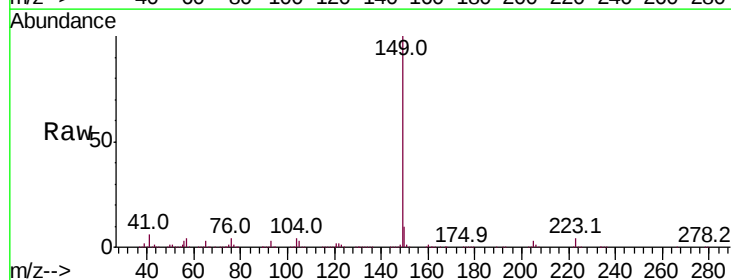
Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.5	26.3
139	13.2	10.8	16.2

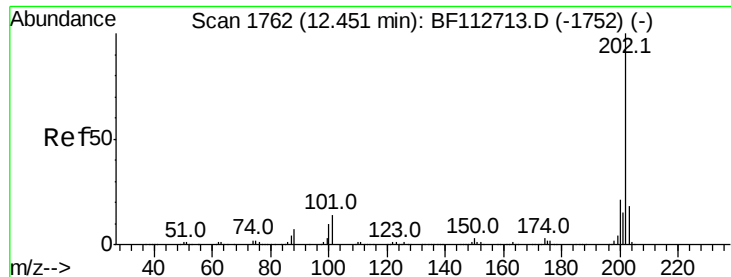


#74
 Di-n-butylphthalate
 Concen: 38.488 ng
 RT: 11.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion:149 Resp: 1825877

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.6	11.4
104	4.4	3.7	5.5





#75

Fluoranthene

Concen: 41.650 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

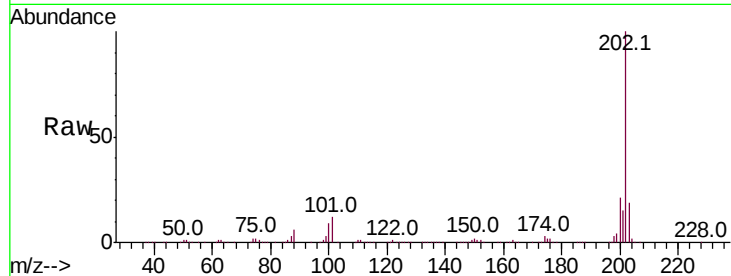
Tot Ion:202 Resp: 1728943

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.8

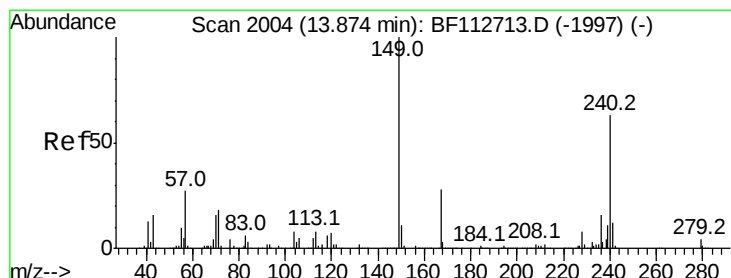
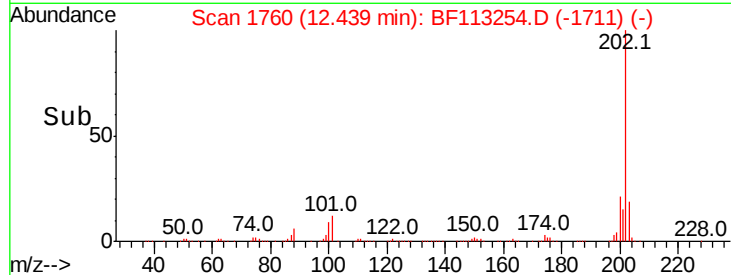
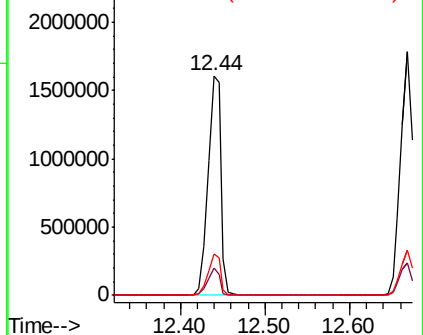
203 18.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

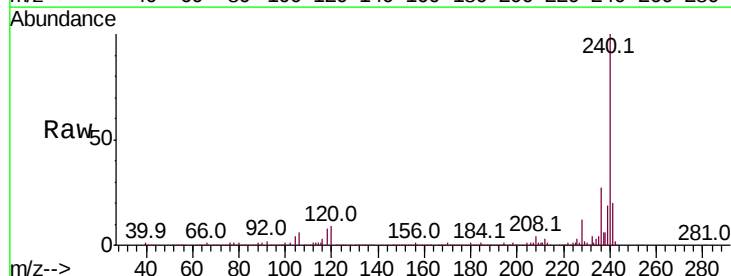
Tgt Ion:240 Resp: 587794

Ion Ratio Lower Upper

240 100

120 9.2 8.9 13.3

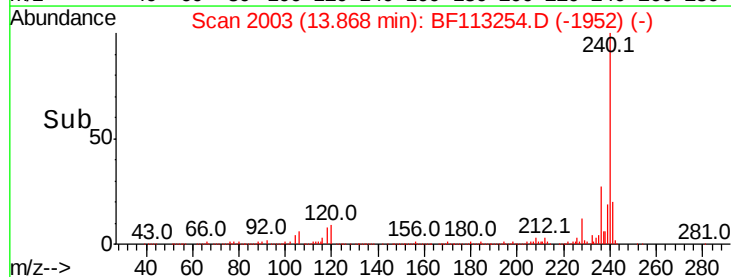
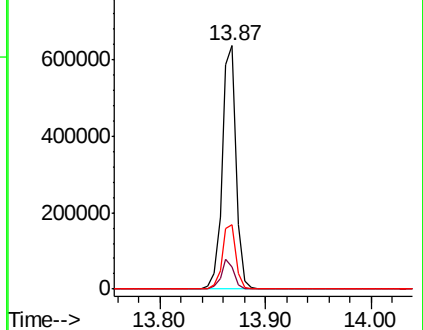
236 26.6 20.7 31.1

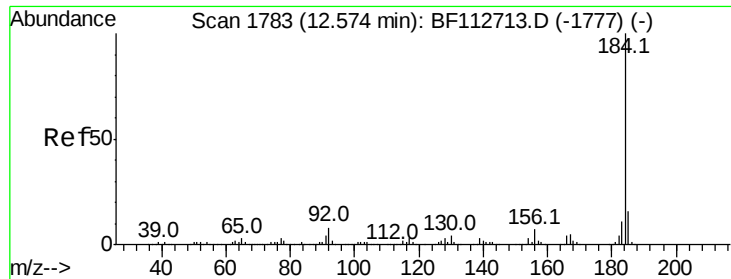


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

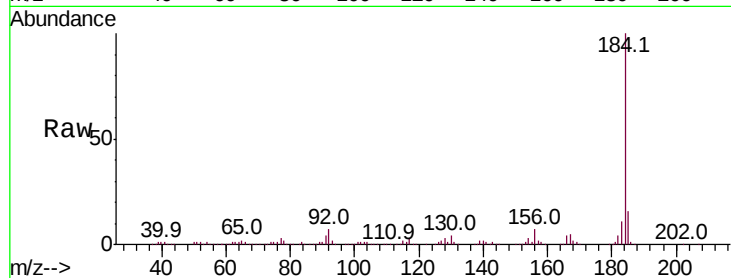




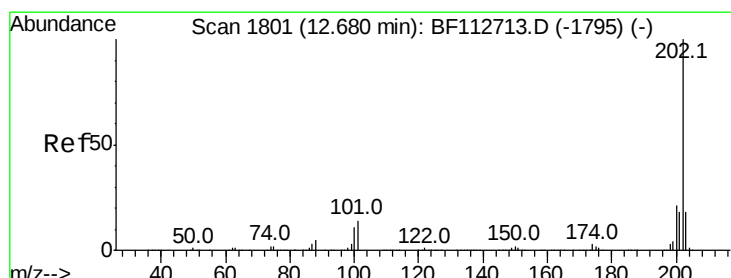
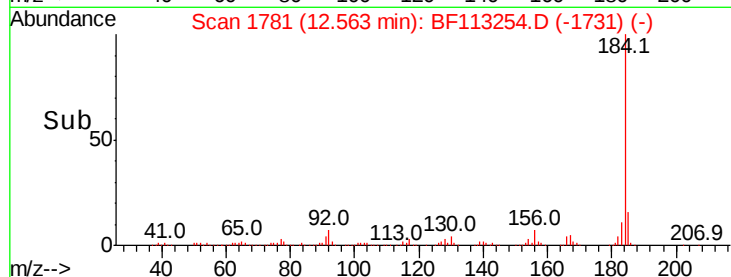
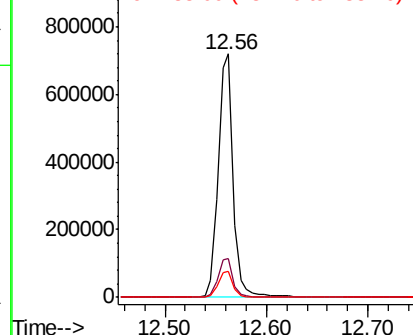
#77
Benzidine
Concen: 24.218 ng
RT: 12.56 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:184 Resp: 738545
Ion Ratio Lower Upper
184 100
185 16.0 12.6 18.8
183 10.9 8.6 12.8

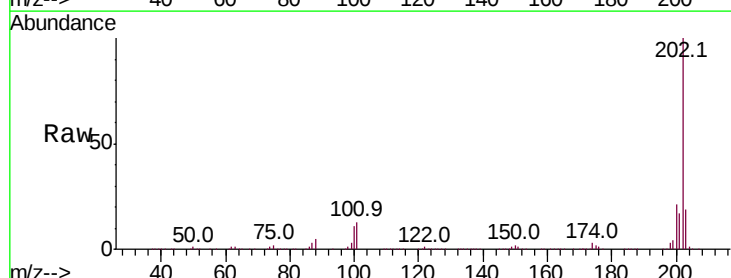


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

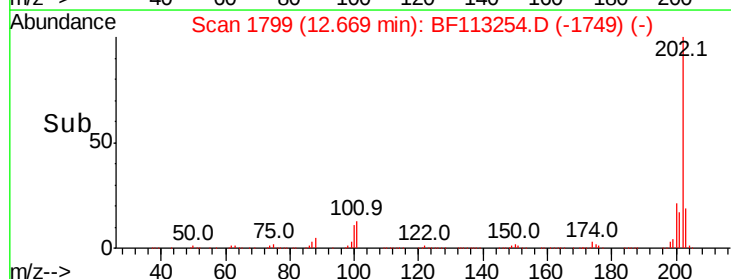
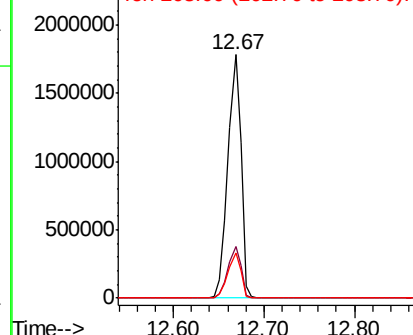


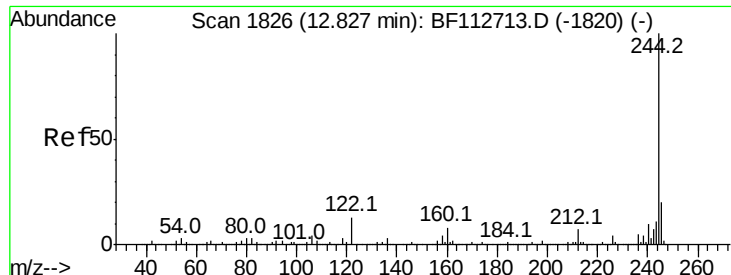
#78
Pyrene
Concen: 35.707 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:202 Resp: 1769362
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 18.5 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 71.772 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

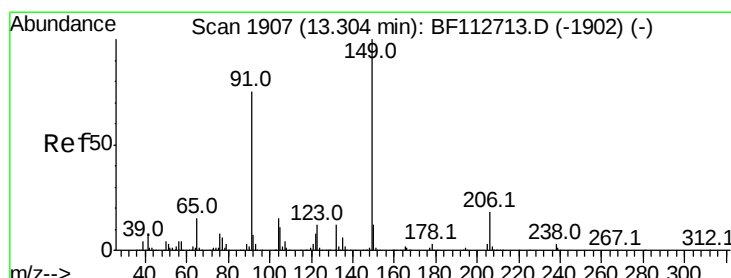
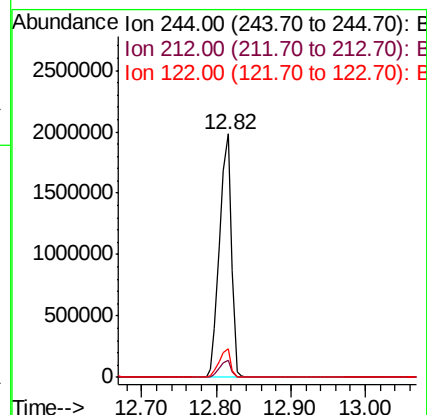
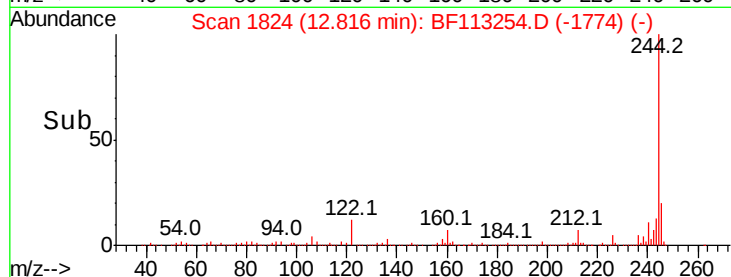
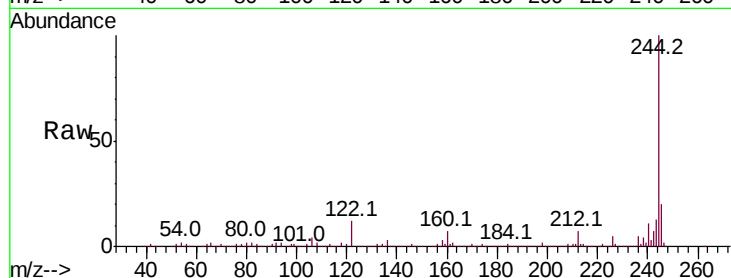
Tot Ion:244 Resp: 2176281

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 11.5 10.5 15.7



#80

Butylbenzylphthalate

Concen: 36.631 ng

RT: 13.29 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

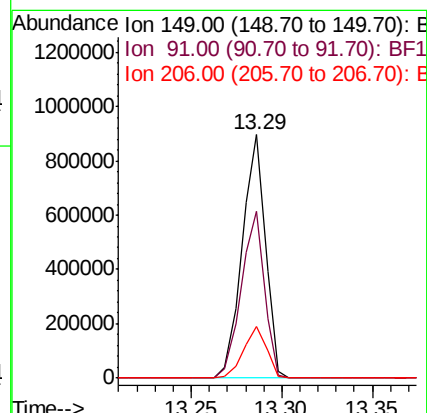
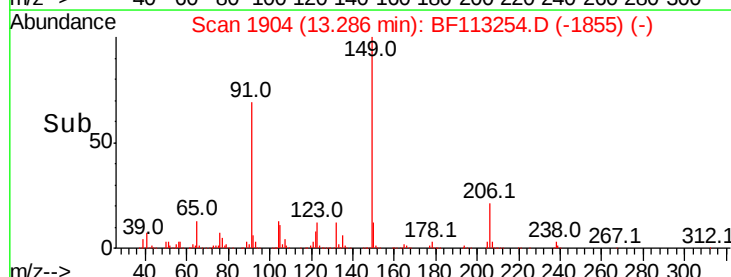
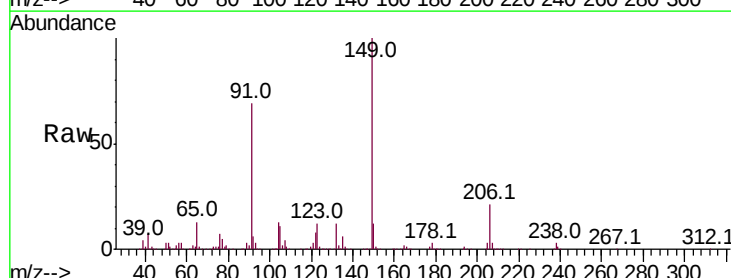
Tgt Ion:149 Resp: 801223

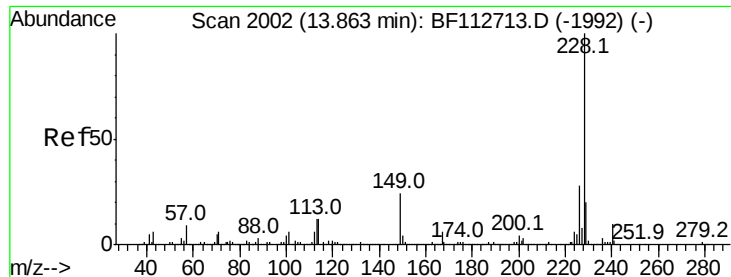
Ion Ratio Lower Upper

149 100

91 68.7 59.9 89.9

206 21.1 14.7 22.1





#81

Benzo(a)anthracene

Concen: 34.402 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

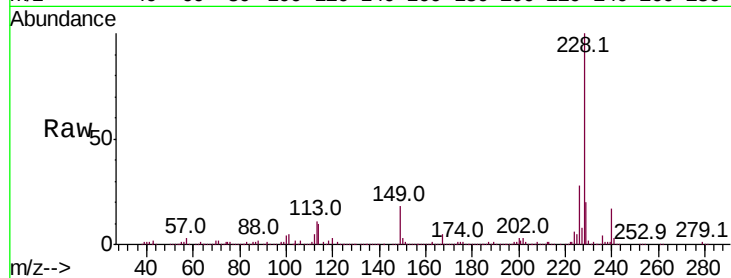
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1401463

Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.2	33.4
229	20.3	16.0	24.0

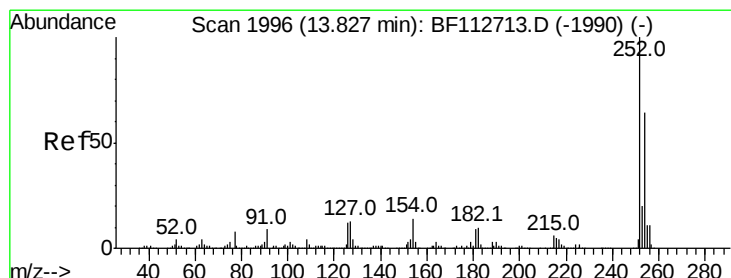
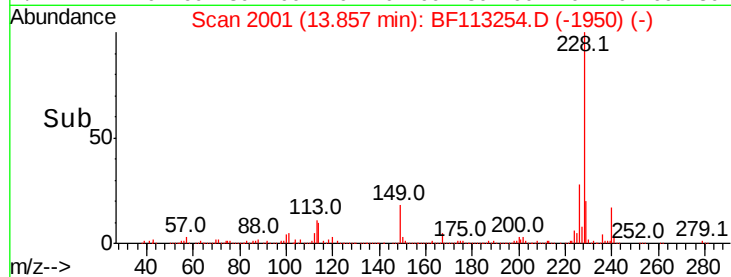
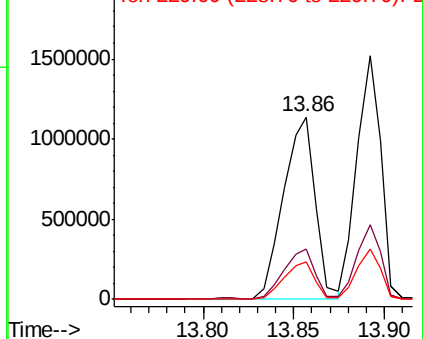


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.610 ng

RT: 13.82 min Scan# 1994

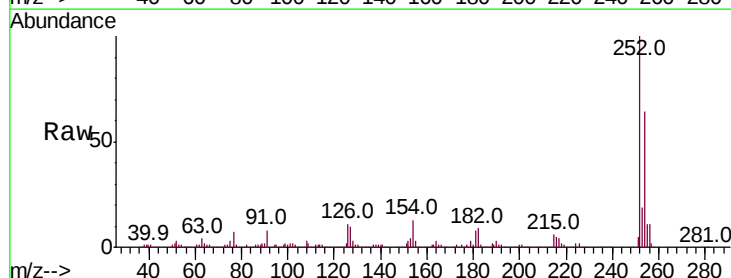
Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Tgt Ion:252 Resp: 579467

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.1	76.7
126	10.8	9.9	14.9

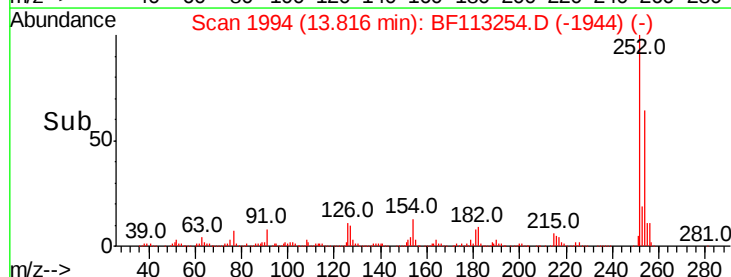
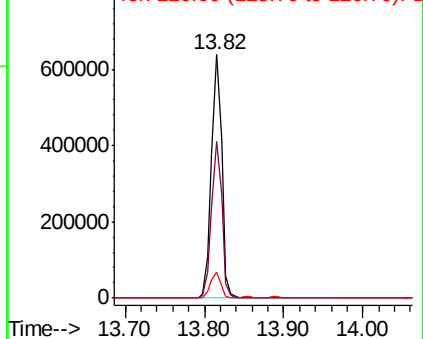


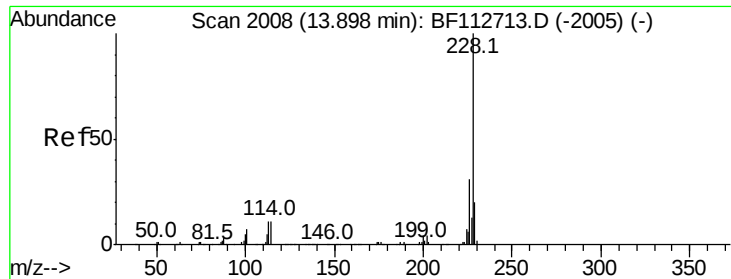
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



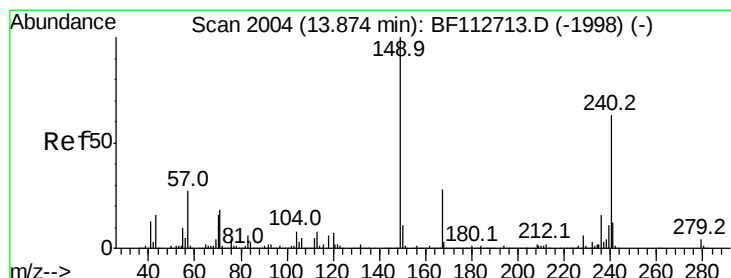
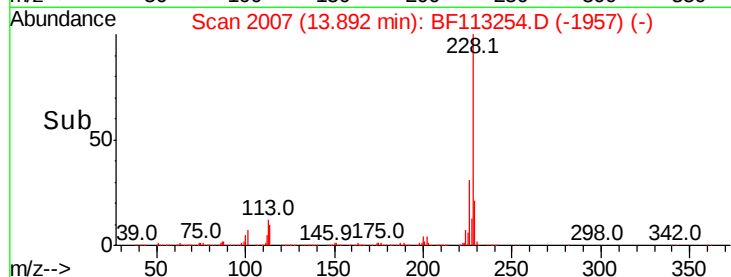
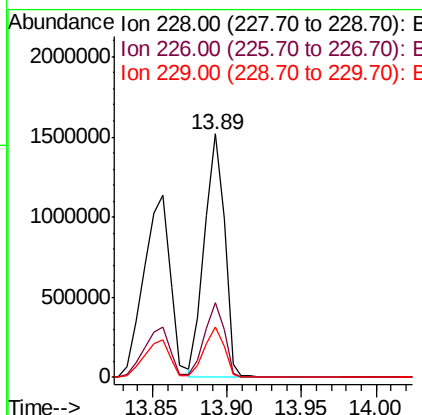
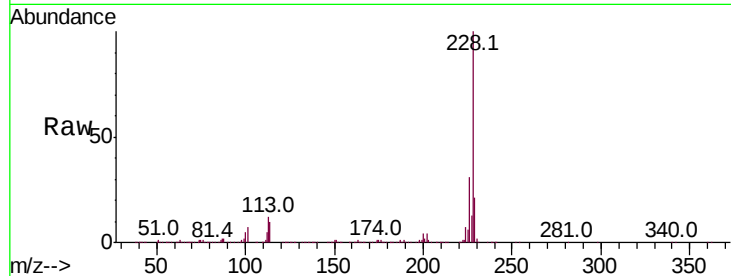


#83
 Chrysene
 Concen: 35.426 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:228 Resp: 1413635

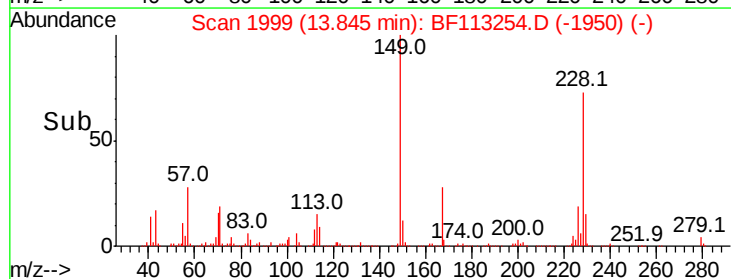
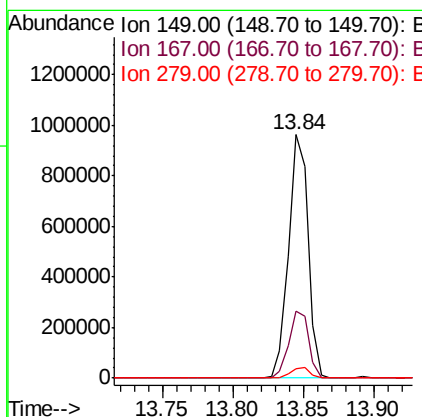
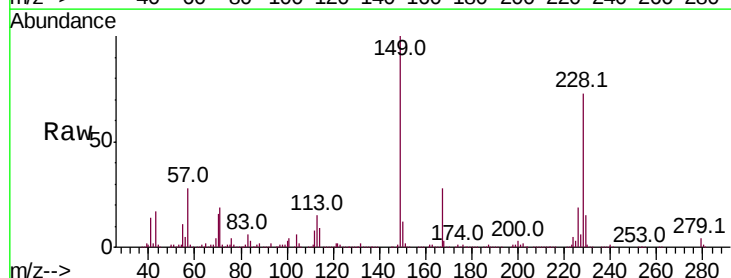
Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	20.6	16.3	24.5

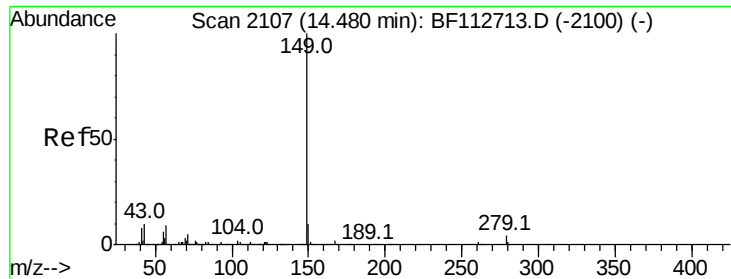


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.198 ng
 RT: 13.84 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion:149 Resp: 928666

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.4	33.6
279	4.1	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 35.300 ng

RT: 14.46 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

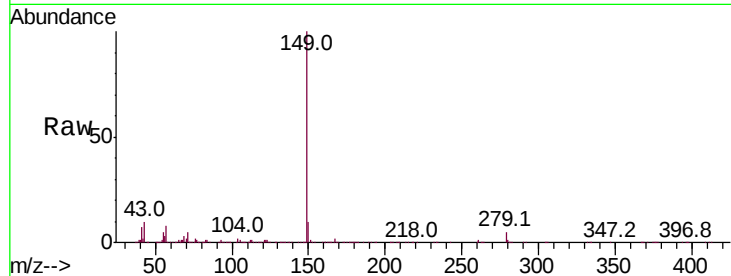
Tot Ion:149 Resp: 1555128

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

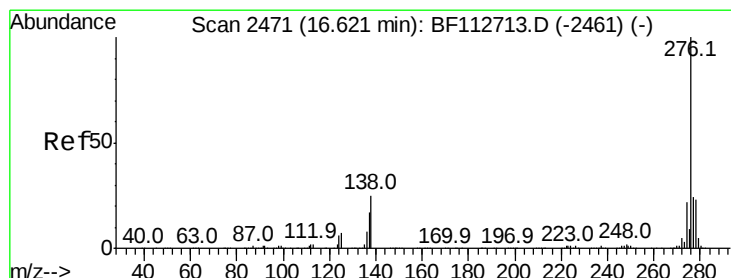
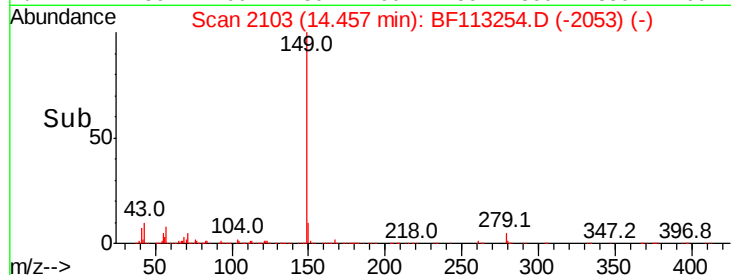
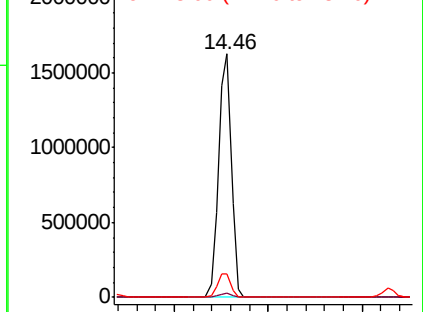
43 10.4 9.0 13.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.724 ng

RT: 16.64 min Scan# 2474

Delta R.T. -0.00 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

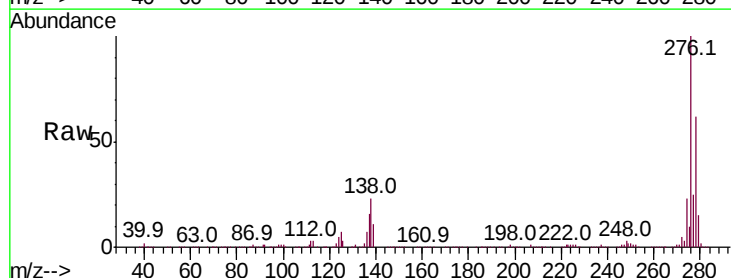
Tgt Ion:276 Resp: 1351383

Ion Ratio Lower Upper

276 100

138 23.8 23.2 34.8

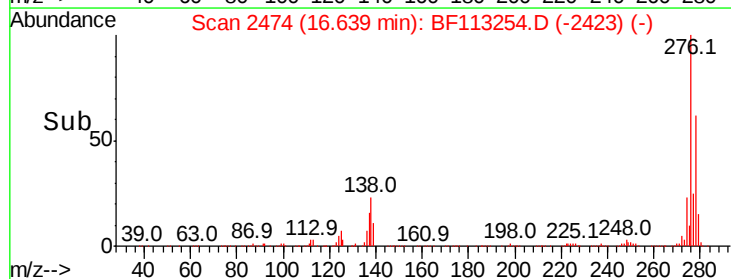
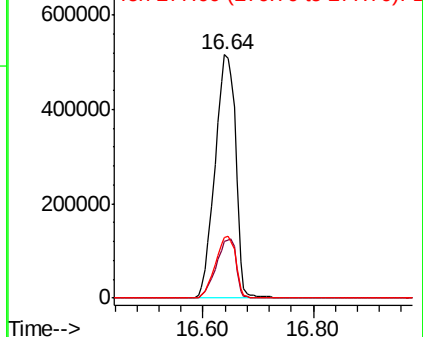
277 25.2 19.9 29.9

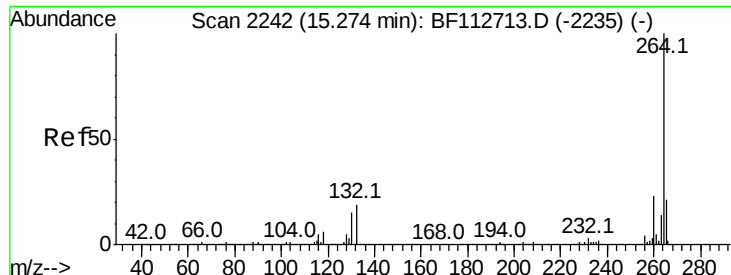


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

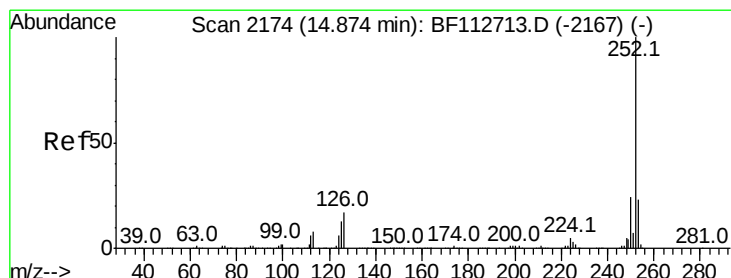
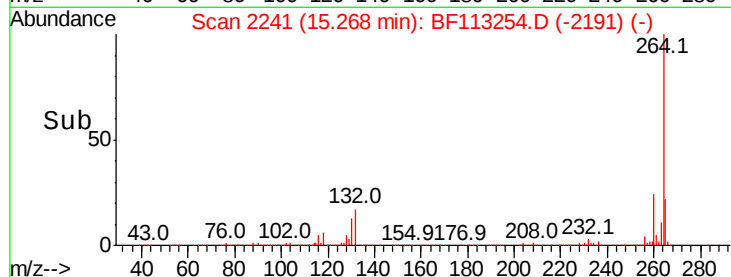
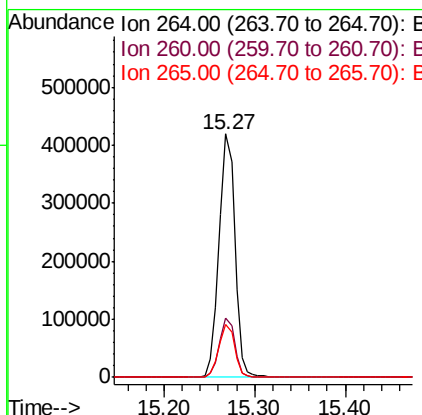
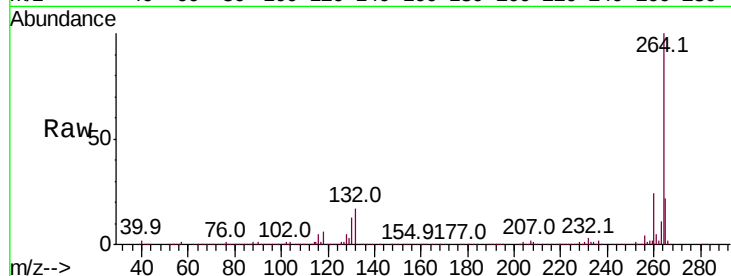




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

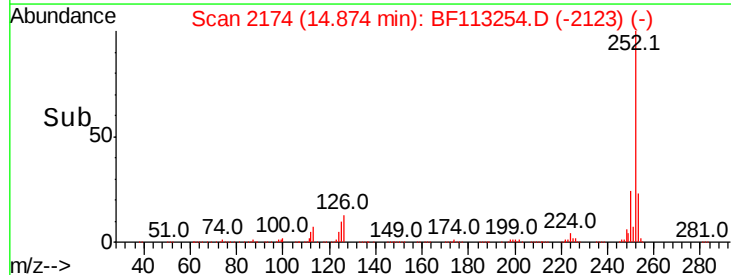
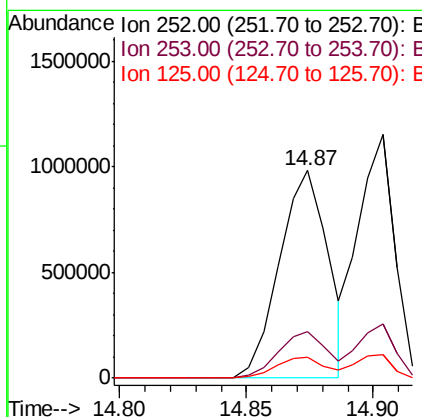
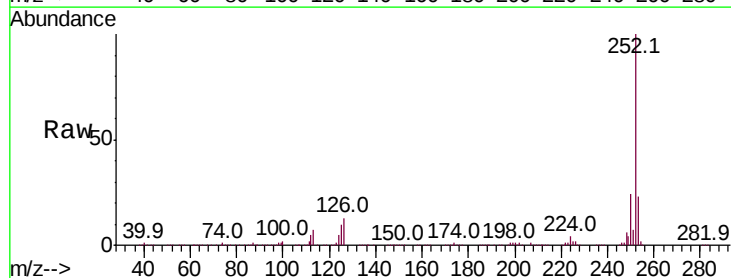
Instrument :
 BNA_F
 ClientSampled :

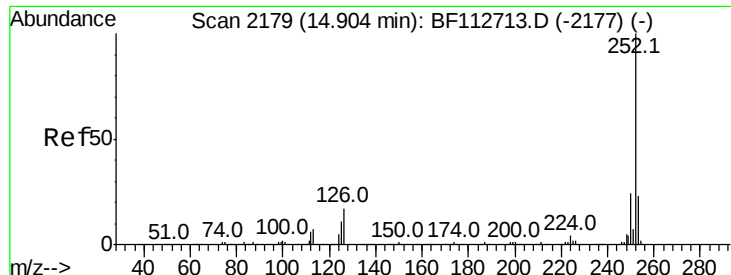
Tot Ion:264 Resp: 508292
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 22.0 17.2 25.8



#88
 Benzo(b)fluoranthene
 Concen: 39.850 ng
 RT: 14.87 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BF113254.D
 Acq: 23 Mar 2019 10:47

Tgt Ion:252 Resp: 1310171
 Ion Ratio Lower Upper
 252 100
 253 22.6 18.0 27.0
 125 10.2 10.2 15.2

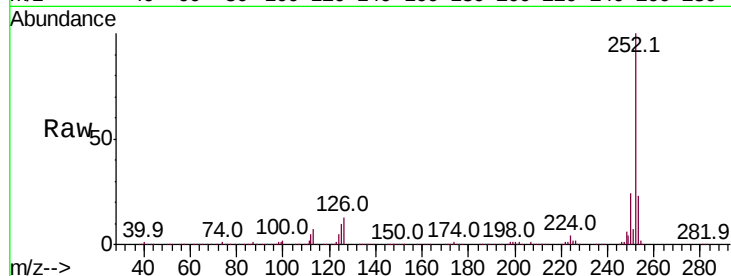




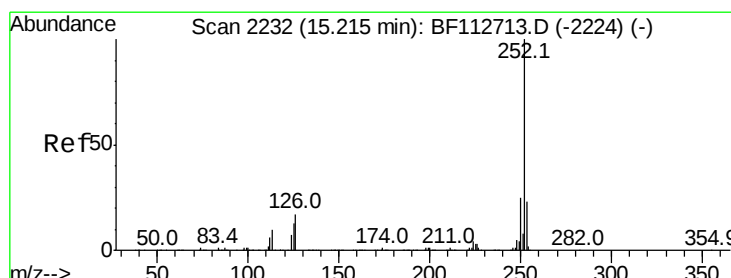
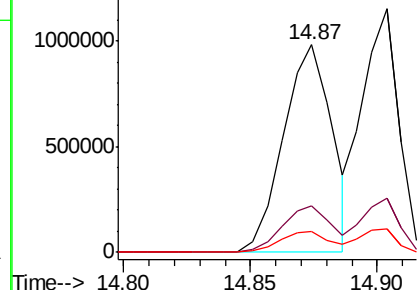
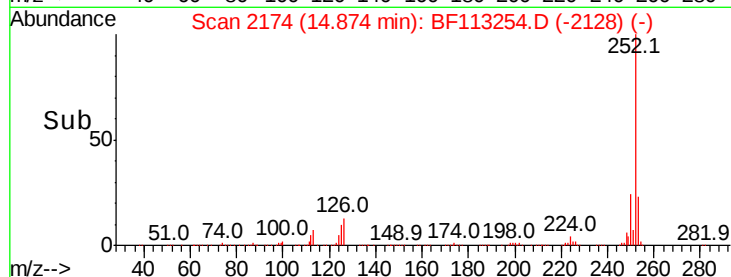
#89
Benzo(k)fluoranthene
Concen: 43.994 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.03 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 1310171
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 10.2 9.8 14.6

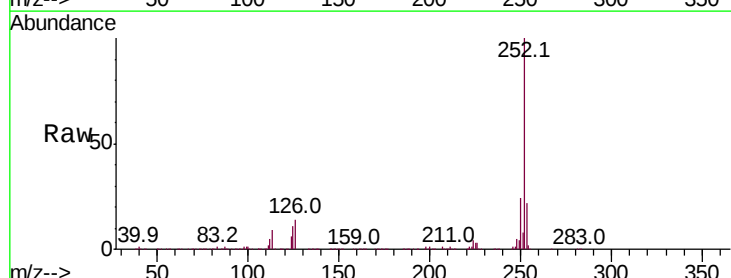


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

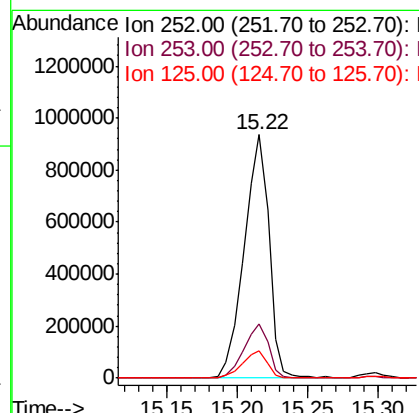
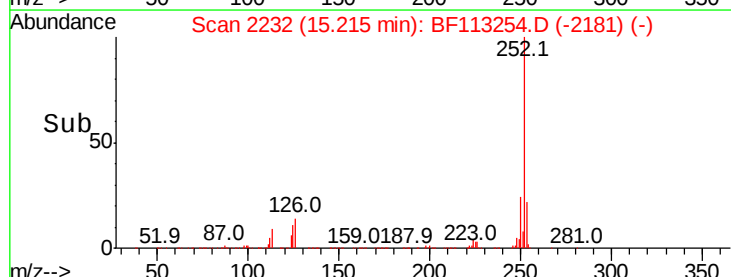


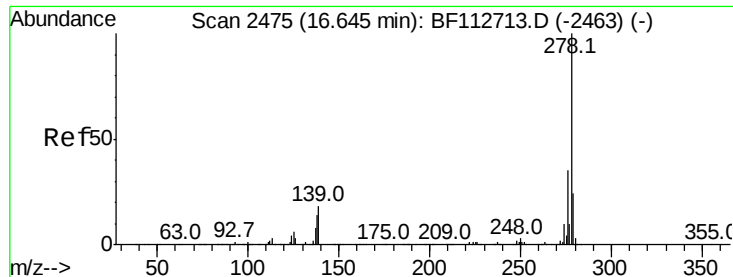
#90
Benzo(a)pyrene
Concen: 39.530 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.00 min
Lab File: BF113254.D
Acq: 23 Mar 2019 10:47

Tgt Ion:252 Resp: 1149577
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.2 10.7 16.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 44.054 ng

RT: 16.66 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

Instrument :

BNA_F

ClientSampleId :

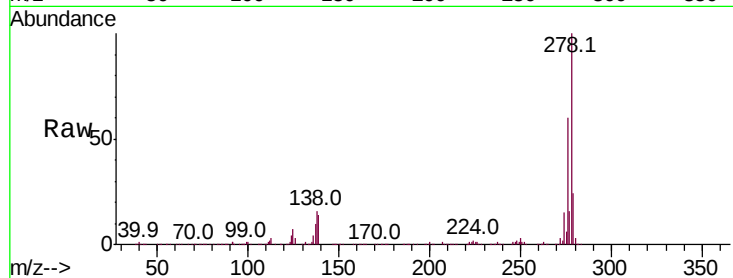
Tot Ion:278 Resp: 1093211

Ion	Ratio	Lower	Upper
278	100		
139	14.3	14.3	21.5
279	23.6	19.4	29.0

278 100

139 14.3 14.3 21.5

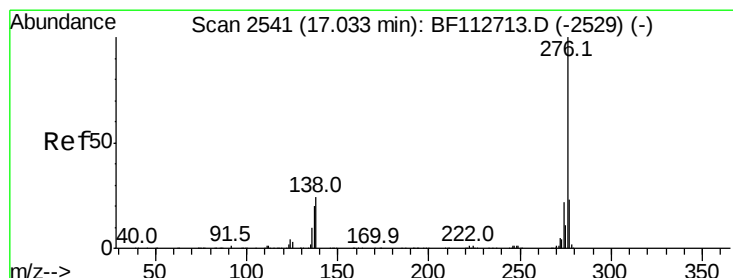
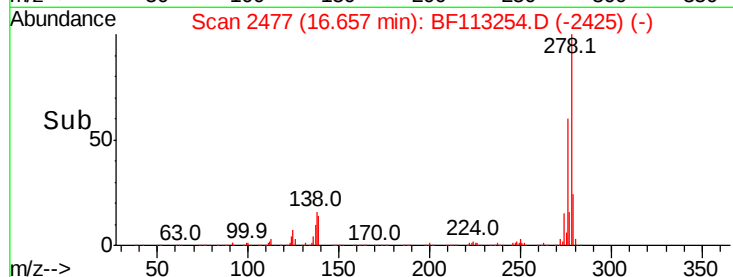
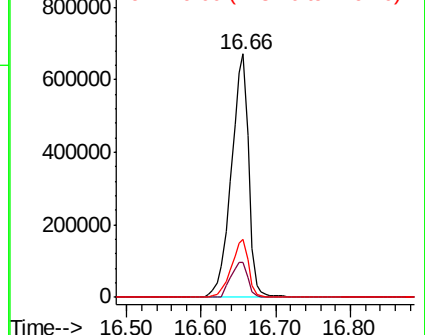
279 23.6 19.4 29.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.656 ng

RT: 17.05 min Scan# 2544

Delta R.T. 0.01 min

Lab File: BF113254.D

Acq: 23 Mar 2019 10:47

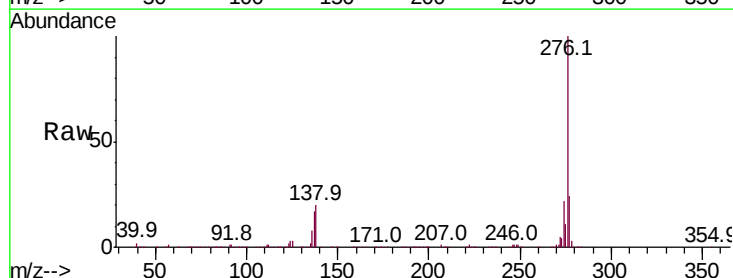
Tgt Ion:276 Resp: 1137654

Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	20.4	19.4	29.0

276 100

277 23.6 18.6 27.8

138 20.4 19.4 29.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

