

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113032.D
 Acq On : 13 Mar 2019 16:54
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 14 02:01:08 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	6.73	152	164882	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	653935	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	316322	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	626617	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	435379	20.00	ng	0.00
87) Perylene-d12	15.26	264	395565	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	819353	77.30	ng	-0.01
7) Phenol-d6	6.37	99	1030010	77.36	ng	0.00
23) Nitrobenzene-d5	7.29	82	902819	82.61	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	305540	90.98	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1601471	83.49	ng	0.00
79) Terphenyl-d14	12.82	244	1676687	74.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	191318	36.008	ng	98
3) Pyridine	3.10	79	491311	34.563	ng	98
4) n-Nitrosodimethylamine	3.04	42	220815	35.511	ng	98
6) Aniline	6.39	93	669303	36.518	ng	# 75
8) 2-Chlorophenol	6.52	128	473536	40.133	ng	93
9) Benzaldehyde	6.27	77	329821	34.378	ng	97
10) Phenol	6.38	94	582092	37.464	ng	84
11) bis(2-Chloroethyl)ether	6.46	93	446661	37.453	ng	99
12) 1,3-Dichlorobenzene	6.67	146	497850	40.844	ng	98
13) 1,4-Dichlorobenzene	6.75	146	480759	39.330	ng	98
14) 1,2-Dichlorobenzene	6.90	146	444775	39.692	ng	99
15) Benzyl Alcohol	6.87	79	377697	37.200	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	694903	34.916	ng	97
17) 2-Methylphenol	6.99	107	365719	38.206	ng	96
18) Hexachloroethane	7.24	117	176938	37.788	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	300938	35.687	ng	98
20) 3+4-Methylphenols	7.15	107	420097	38.873	ng	# 82
22) Acetophenone	7.14	105	612051	40.027	ng	# 95
24) Nitrobenzene	7.31	77	475119	39.062	ng	98
25) Isophorone	7.55	82	862305	36.626	ng	99
26) 2-Nitrophenol	7.63	139	251273	49.626	ng	98
27) 2,4-Dimethylphenol	7.67	122	352777	37.451	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	543467	36.921	ng	99
29) 2,4-Dichlorophenol	7.87	162	382226	41.842	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	408199	41.588	ng	99
31) Naphthalene	8.03	128	1265389	38.975	ng	100
32) Benzoic acid	7.80	122	301710	45.698	ng	94
33) 4-Chloroaniline	8.08	127	537484	39.086	ng	100
34) Hexachlorobutadiene	8.16	225	245029	44.265	ng	99
35) Caprolactam	8.45	113	124483	38.691	ng	96
36) 4-Chloro-3-methylphenol	8.57	107	393443	38.918	ng	93
37) 2-Methylnaphthalene	8.72	142	839975	40.063	ng	99
38) 1-Methylnaphthalene	8.82	142	796256	39.205	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	395662	42.894	ng	98

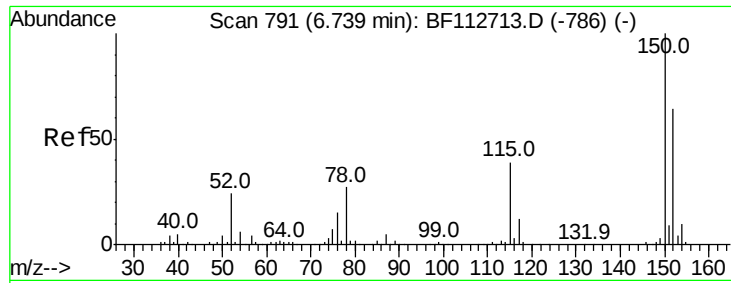
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031319\
 Data File : BF113032.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	217266	43.013	ng	99
43) 2,4,6-Trichlorophenol	9.00	196	264779	41.708	ng	100
44) 2,4,5-Trichlorophenol	9.04	196	290365	42.316	ng	100
46) 1,1'-Biphenyl	9.19	154	1040568	40.331	ng	99
47) 2-Chloronaphthalene	9.21	162	795593	39.491	ng	98
48) 2-Nitroaniline	9.30	65	259798	42.426	ng	98
49) Acenaphthylene	9.62	152	1321807	38.648	ng	99
50) Dimethylphthalate	9.49	163	922209	39.539	ng	100
51) 2,6-Dinitrotoluene	9.55	165	210282	43.295	ng #	81
52) Acenaphthene	9.79	154	742128	37.105	ng	98
53) 3-Nitroaniline	9.71	138	240510	40.638	ng	94
54) 2,4-Dinitrophenol	9.82	184	110932	57.786	ng	95
55) Dibenzofuran	9.96	168	1120270	38.538	ng	98
56) 4-Nitrophenol	9.87	139	191987	39.915	ng	96
57) 2,4-Dinitrotoluene	9.95	165	274453	45.459	ng	88
58) Fluorene	10.30	166	816536	39.577	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.09	232	243705	42.629	ng	94
60) Diethylphthalate	10.18	149	906736	36.809	ng	100
61) 4-Chlorophenyl-phenylether	10.30	204	403082	41.991	ng	95
62) 4-Nitroaniline	10.32	138	237548	43.437	ng	94
63) Azobenzene	10.46	77	873123	34.604	ng	96
65) 4,6-Dinitro-2-methylphenol	10.36	198	134516	51.837	ng #	74
66) n-Nitrosodiphenylamine	10.42	169	757801	37.709	ng	100
67) 4-Bromophenyl-phenylether	10.79	248	270620	41.002	ng #	90
68) Hexachlorobenzene	10.86	284	315208	42.366	ng #	89
69) Atrazine	10.95	200	225642	36.661	ng	98
70) Pentachlorophenol	11.05	266	191147	43.650	ng	98
71) Phenanthrene	11.26	178	1224169	39.266	ng	99
72) Anthracene	11.31	178	1251647	38.353	ng	99
73) Carbazole	11.46	167	1193236	37.481	ng	99
74) Di-n-butylphthalate	11.80	149	1463898	38.349	ng	100
75) Fluoranthene	12.44	202	1309550	39.206	ng	98
77) Benzidine	12.56	184	653178	28.917	ng	99
78) Pyrene	12.67	202	1330897	36.261	ng	100
80) Butylbenzylphthalate	13.29	149	602807	37.208	ng	97
81) Benzo(a)anthracene	13.85	228	1031668	34.190	ng	99
82) 3,3'-Dichlorobenzidine	13.82	252	431990	37.853	ng	98
83) Chrysene	13.89	228	1061224	35.904	ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	666712	35.085	ng	99
85) Di-n-octyl phthalate	14.46	149	1131674	34.681	ng	97
86) Indeno(1,2,3-cd)pyrene	16.62	276	891020	35.360	ng	95
88) Benzo(b)fluoranthene	14.89	252	813738	31.804	ng	98
89) Benzo(k)fluoranthene	14.89	252	813738	35.111	ng	99
90) Benzo(a)pyrene	15.20	252	860669	38.030	ng	97
91) Dibenzo(a,h)anthracene	16.63	278	733510	37.982	ng	97
92) Benzo(g,h,i)perylene	17.02	276	671951	34.651	ng	97

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

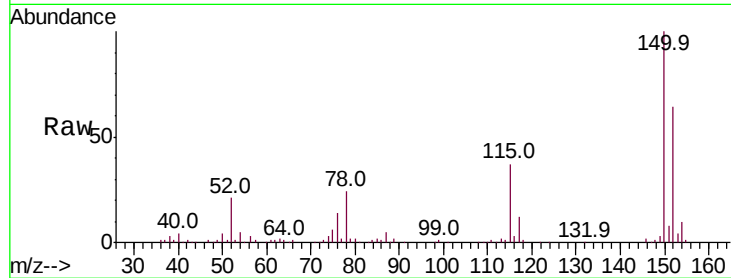


#1

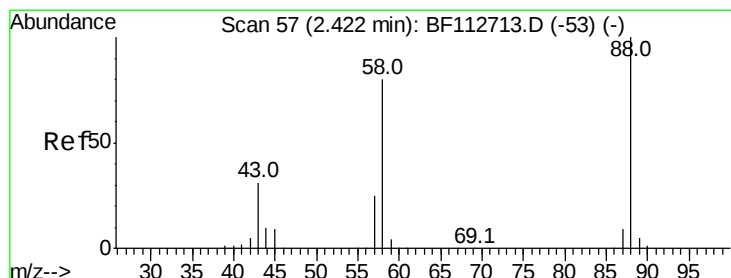
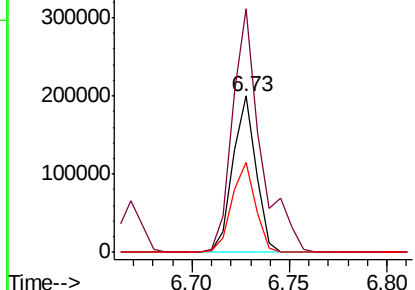
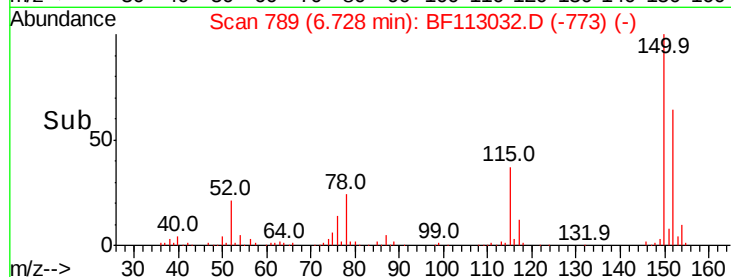
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 164882
Ion Ratio Lower Upper
152 100
150 155.6 124.2 186.2
115 57.6 48.2 72.4



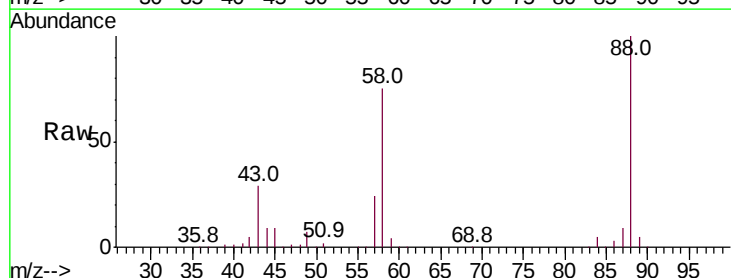
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



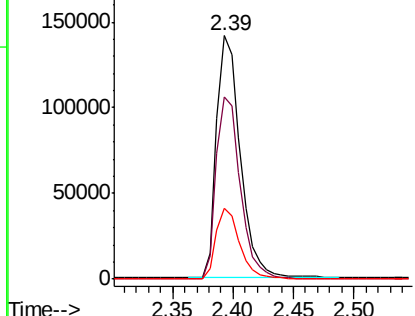
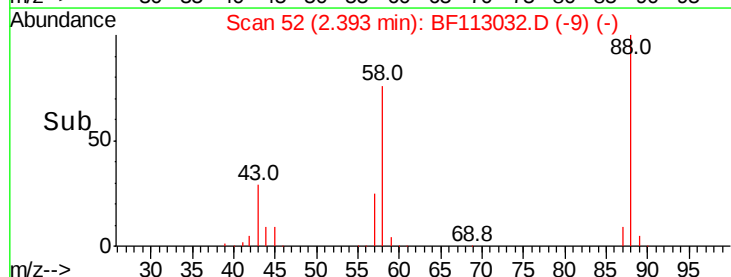
#2

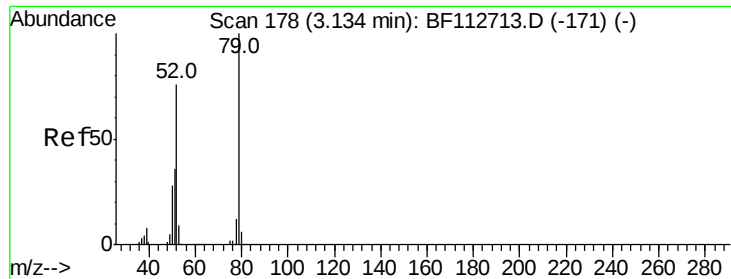
1,4-Dioxane
Concen: 36.008 ng
RT: 2.39 min Scan# 52
Delta R.T. -0.05 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion: 88 Resp: 191318
Ion Ratio Lower Upper
88 100
58 76.9 63.1 94.7
43 29.4 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: 34.563 ng

RT: 3.10 min Scan# 173

Delta R.T. -0.04 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

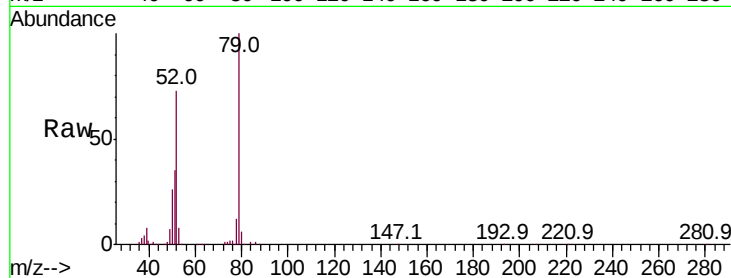
Tot Ion: 79 Resp: 491311

Ion Ratio Lower Upper

79 100

52 73.1 60.5 90.7

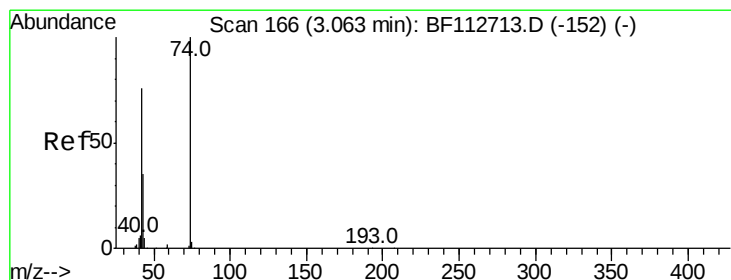
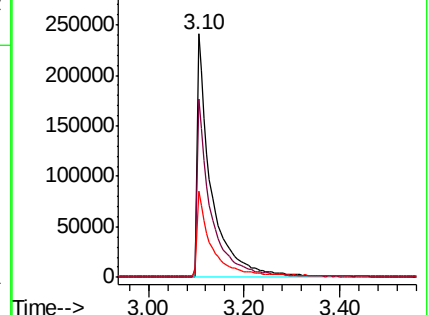
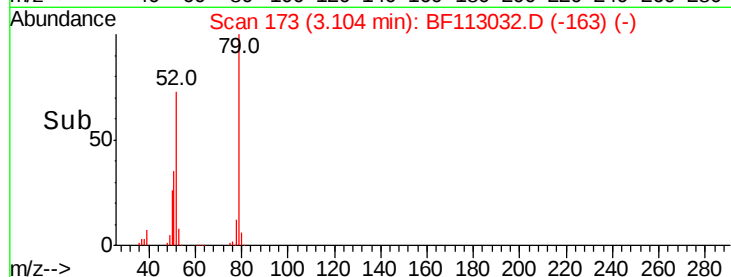
51 35.3 28.8 43.2



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: 35.511 ng

RT: 3.04 min Scan# 162

Delta R.T. -0.05 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

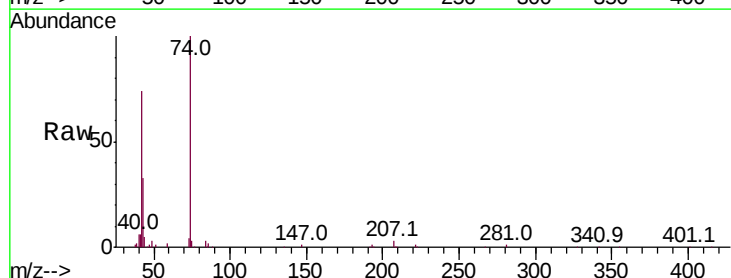
Tgt Ion: 42 Resp: 220815

Ion Ratio Lower Upper

42 100

74 135.3 105.8 158.8

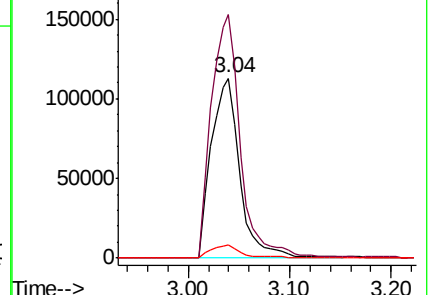
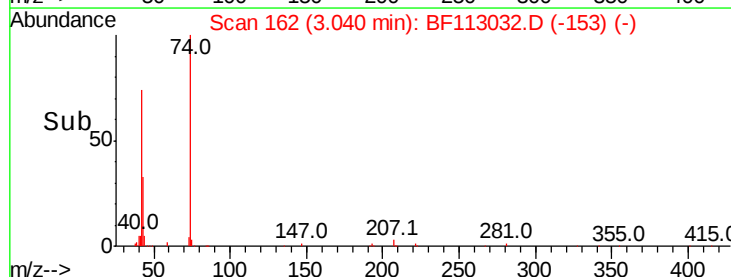
44 7.1 6.2 9.2

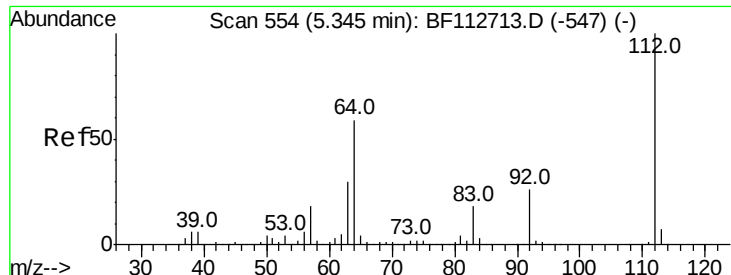


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 77.300 ng

RT: 5.33 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

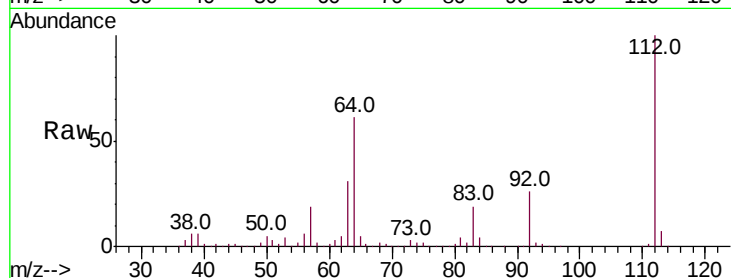
Tot Ion:112 Resp: 819353

Ion Ratio Lower Upper

112 100

64 61.1 47.6 71.4

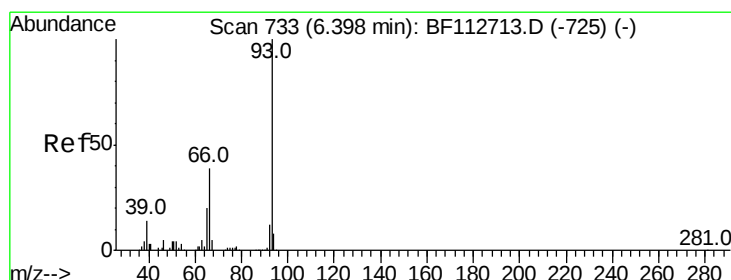
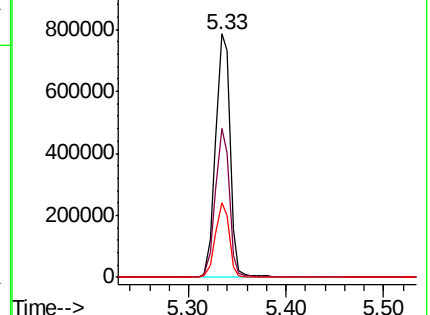
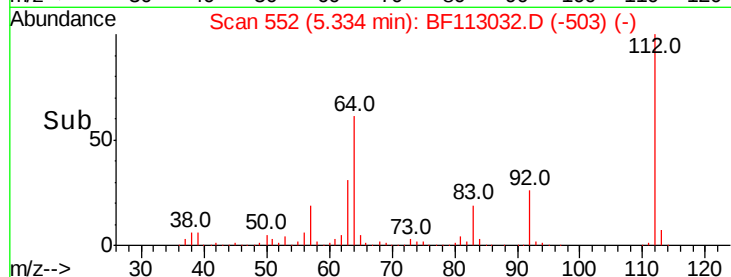
63 30.8 24.4 36.6



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: 36.518 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

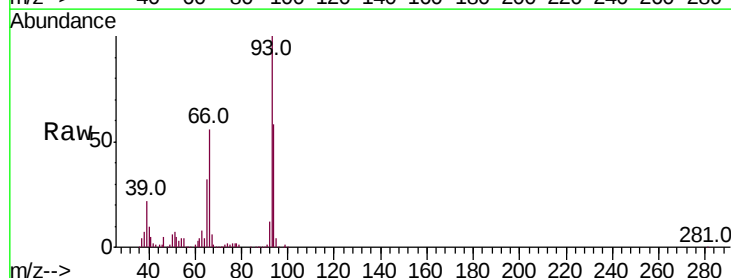
Tgt Ion: 93 Resp: 669303

Ion Ratio Lower Upper

93 100

66 55.7 32.2 48.2#

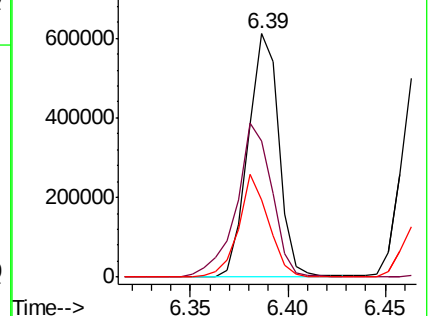
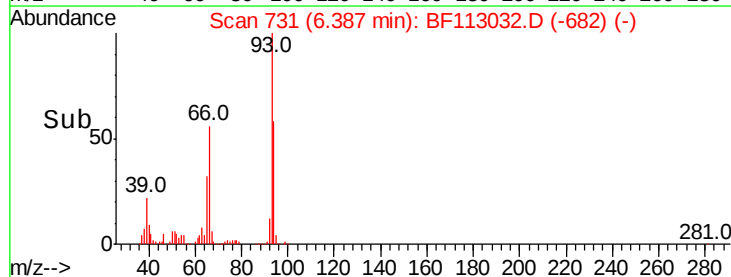
65 31.6 16.2 24.4#

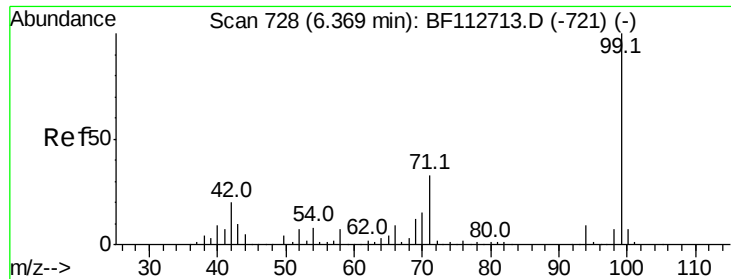


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.358 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampled :

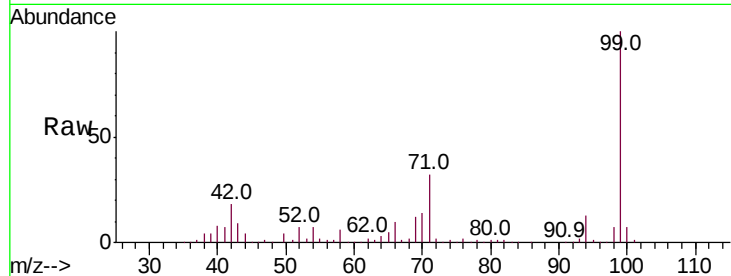
Tot Ion: 99 Resp: 1030010

Ion Ratio Lower Upper

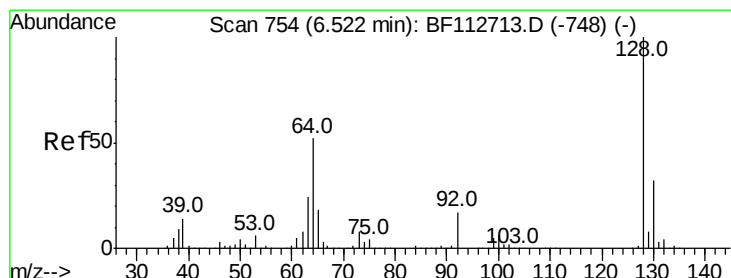
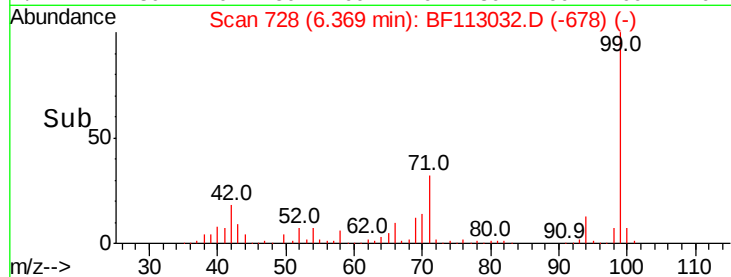
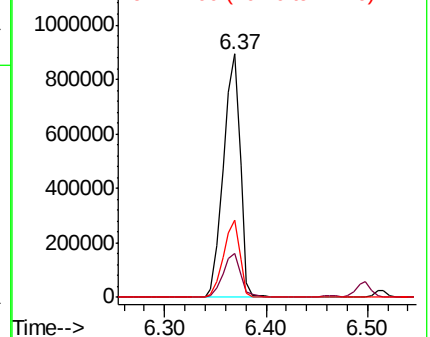
99 100

42 18.1 16.3 24.5

71 31.5 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: 40.133 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

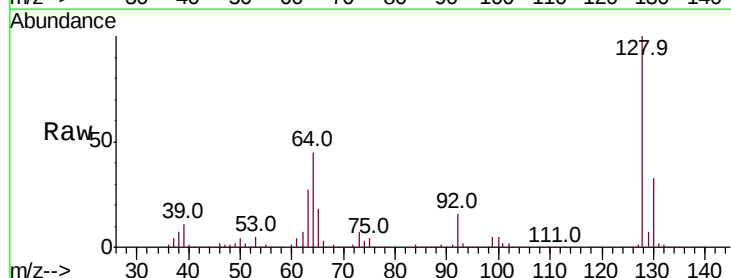
Tgt Ion: 128 Resp: 473536

Ion Ratio Lower Upper

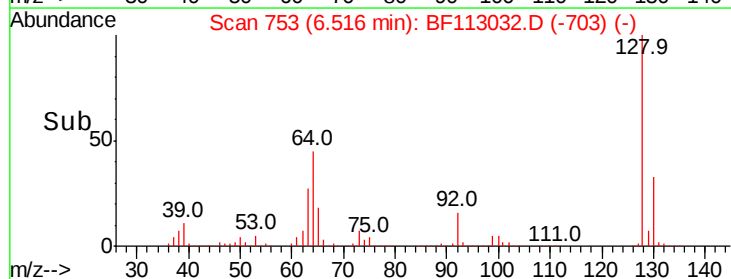
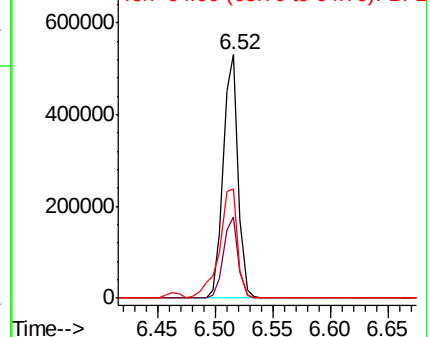
128 100

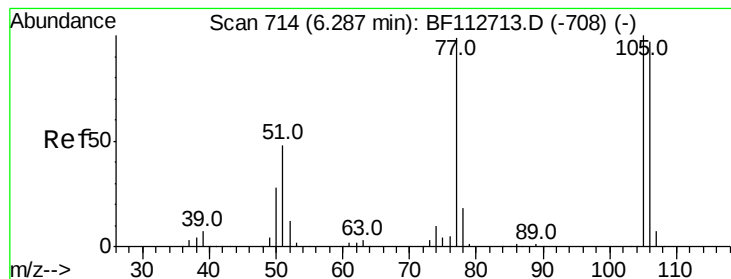
130 33.0 12.4 52.4

64 44.7 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: 34.378 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampled :

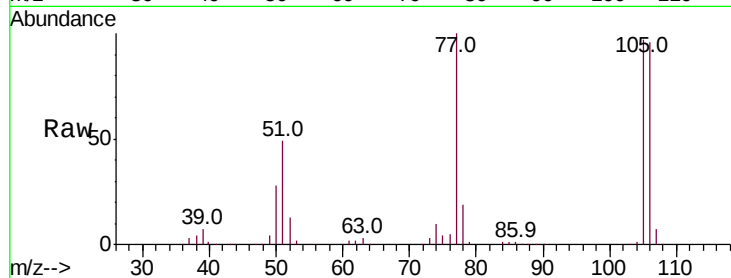
Tot Ion: 77 Resp: 329821

Ion Ratio Lower Upper

77 100

105 97.3 81.4 121.4

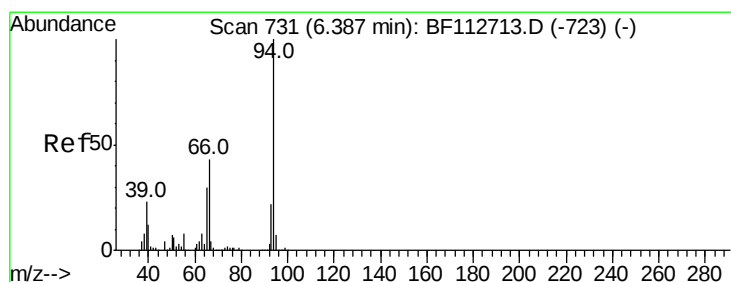
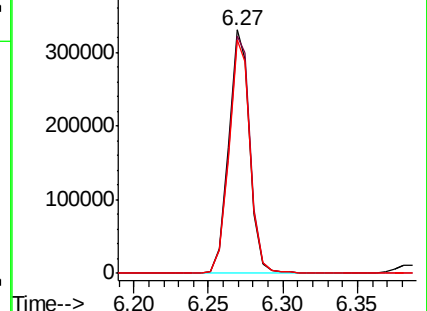
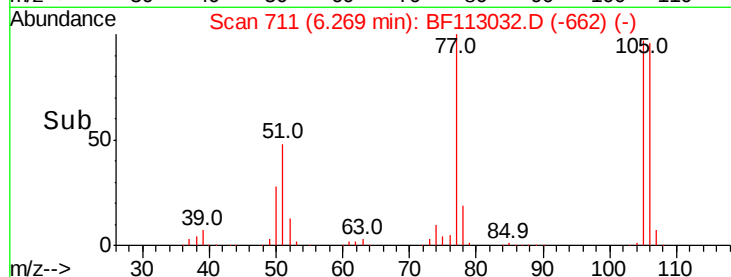
106 95.7 78.3 118.3



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: 37.464 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

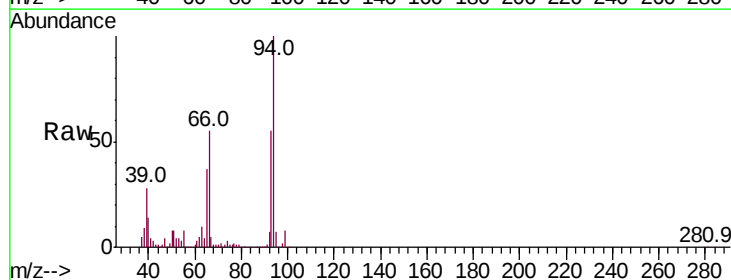
Tgt Ion: 94 Resp: 582092

Ion Ratio Lower Upper

94 100

65 36.8 10.5 50.5

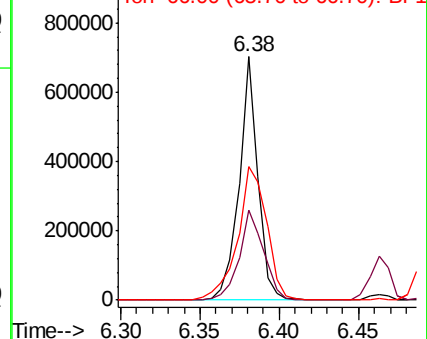
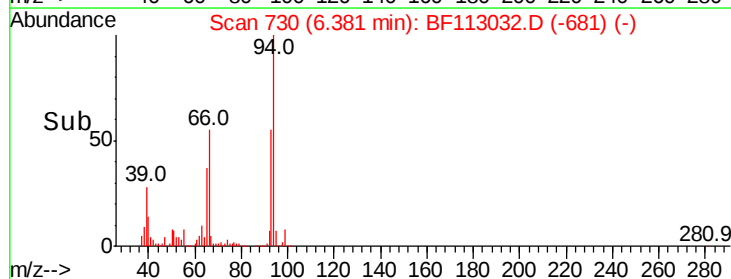
66 55.0 22.6 62.6

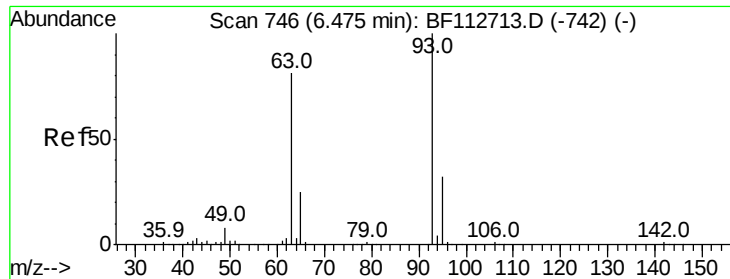


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

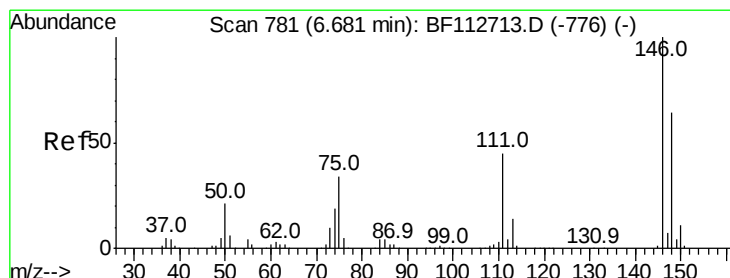
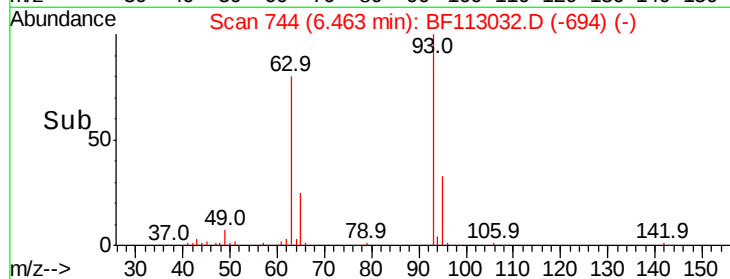
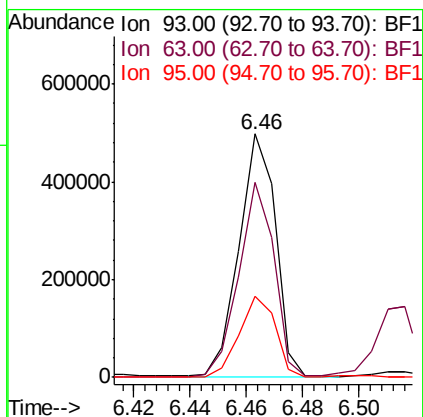
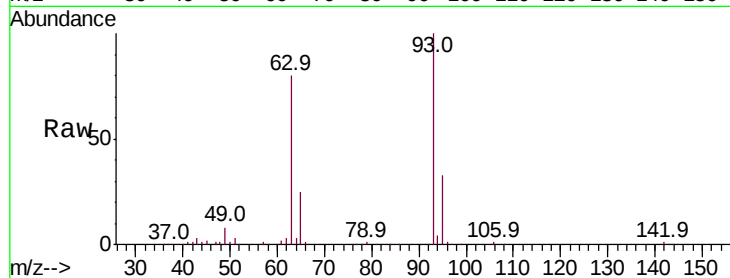




#11
bis(2-Chloroethyl)ether
Concen: 37.453 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

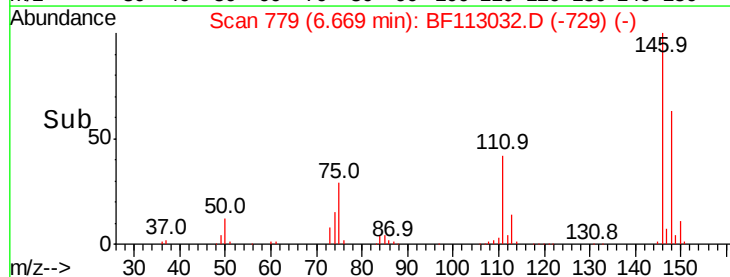
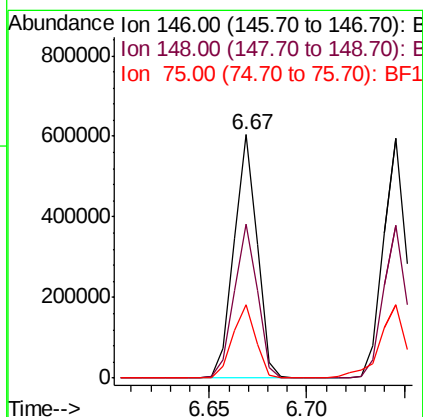
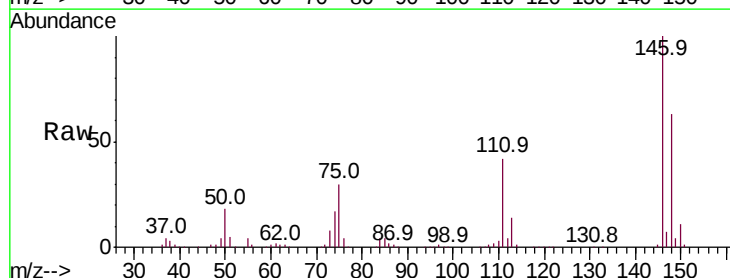
Instrument :
BNA_F
ClientSampleId :

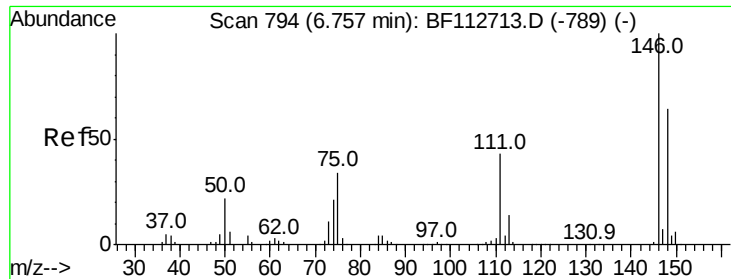
Tot Ion: 93 Resp: 446661
Ion Ratio Lower Upper
93 100
63 80.1 60.5 100.5
95 33.2 12.1 52.1



#12
1,3-Dichlorobenzene
Concen: 40.844 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion: 146 Resp: 497850
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 30.0 26.9 40.3

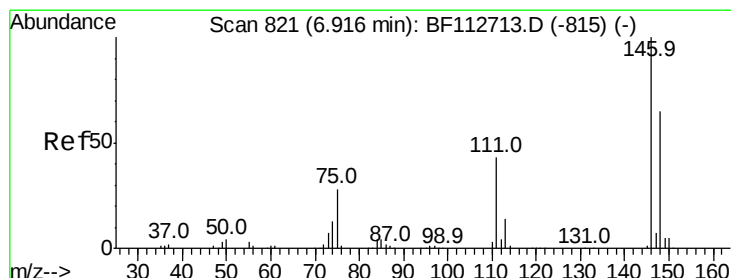
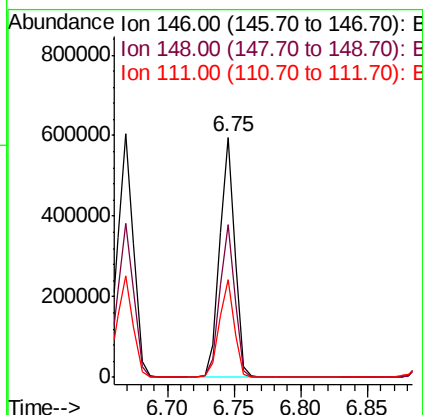
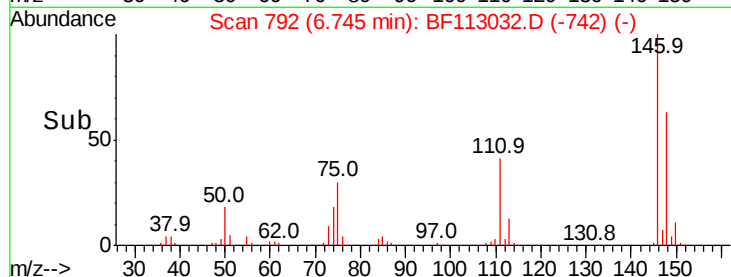
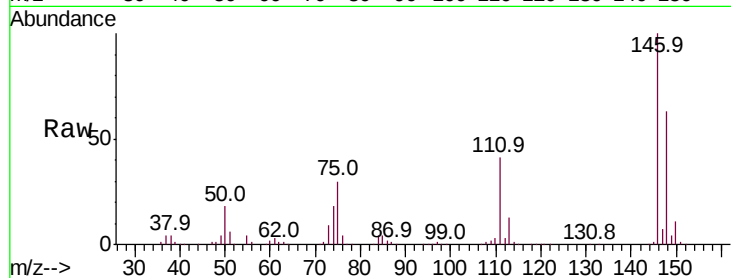




#13
 1,4-Dichlorobenzene
 Concen: 39.330 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

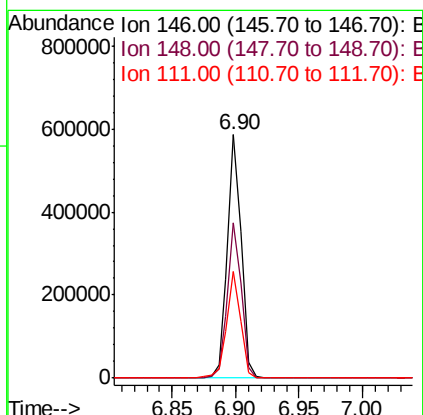
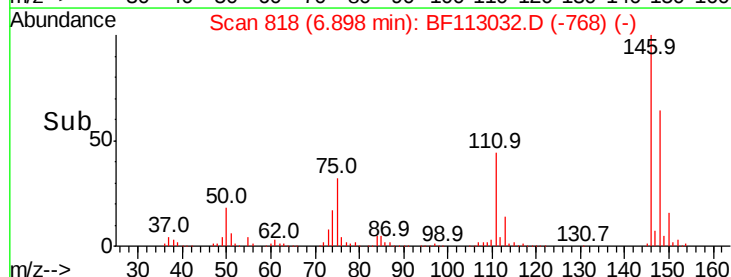
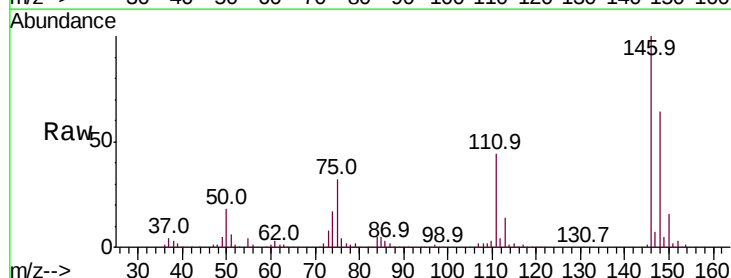
Instrument :
 BNA_F
 ClientSampleId :

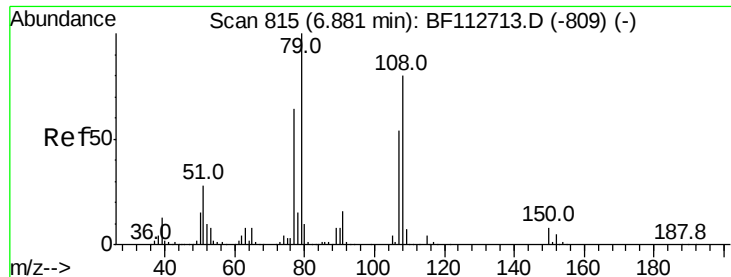
Tot Ion:146 Resp: 480759
 Ion Ratio Lower Upper
 146 100
 148 63.4 51.0 76.4
 111 40.8 34.5 51.7



#14
 1,2-Dichlorobenzene
 Concen: 39.692 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Tgt Ion:146 Resp: 444775
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 43.7 34.8 52.2





#15

Benzyl Alcohol

Concen: 37.200 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

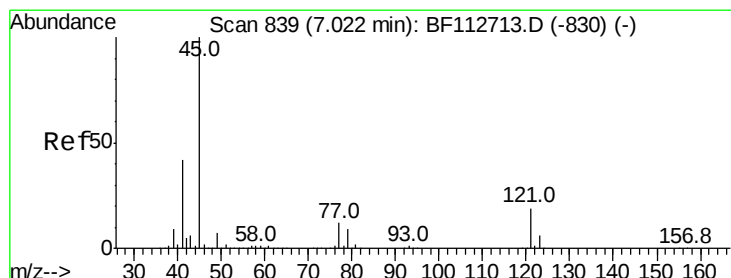
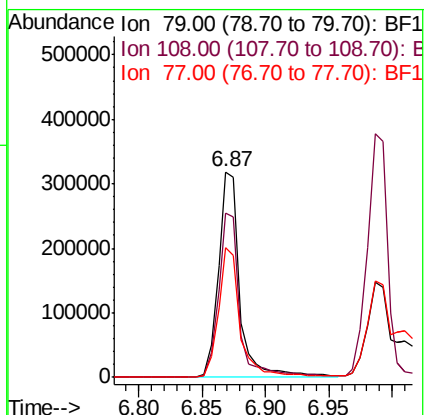
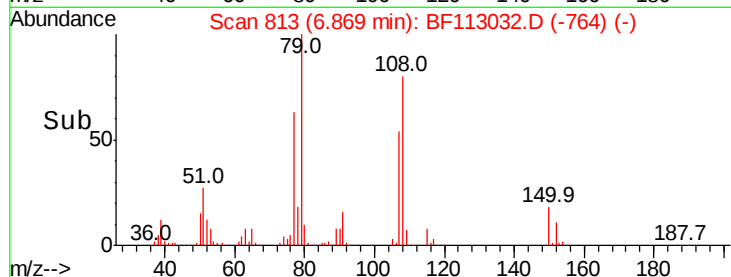
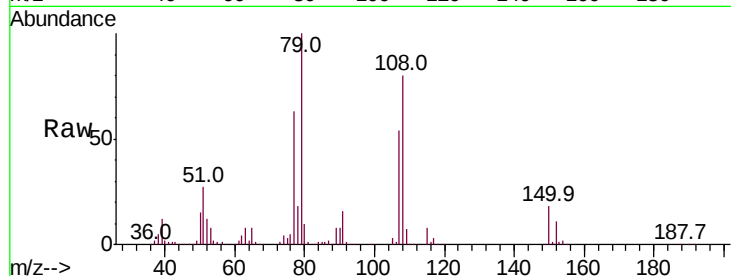
Tot Ion: 79 Resp: 377697

Ion Ratio Lower Upper

79 100

108 80.1 64.2 96.4

77 62.9 51.1 76.7



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.916 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

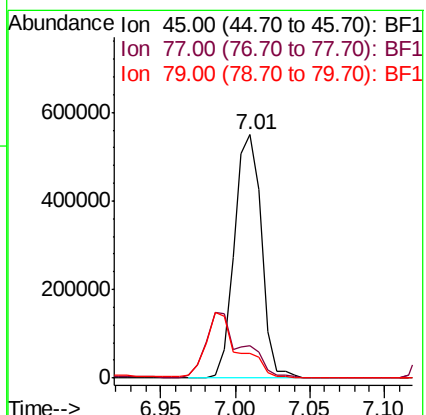
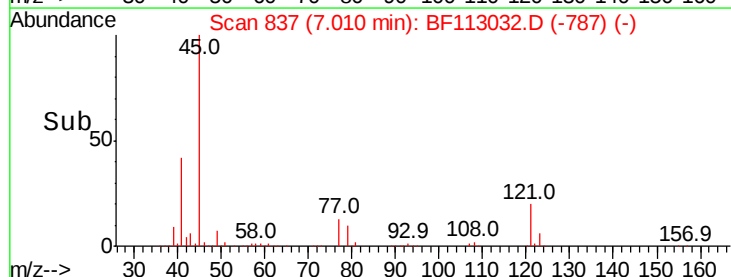
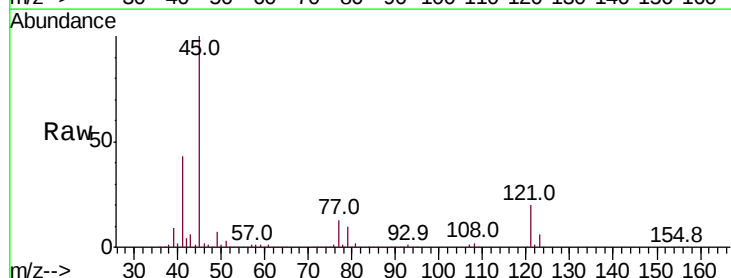
Tgt Ion: 45 Resp: 694903

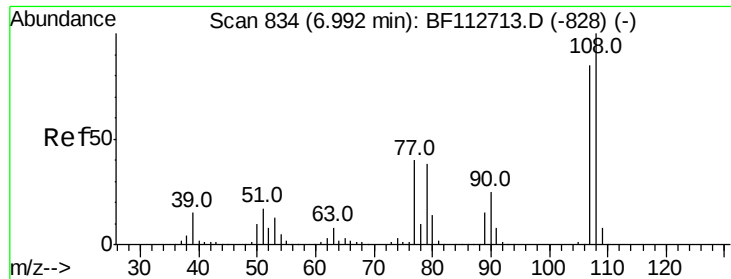
Ion Ratio Lower Upper

45 100

77 13.2 0.0 32.1

79 10.4 0.0 29.4

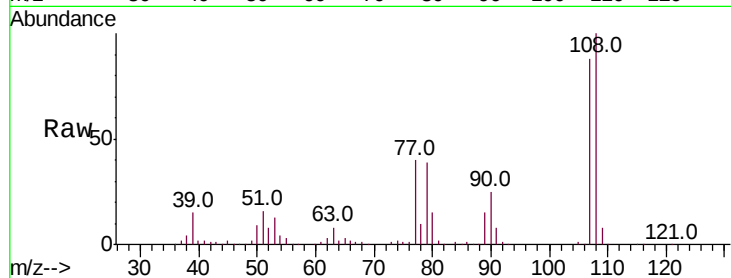




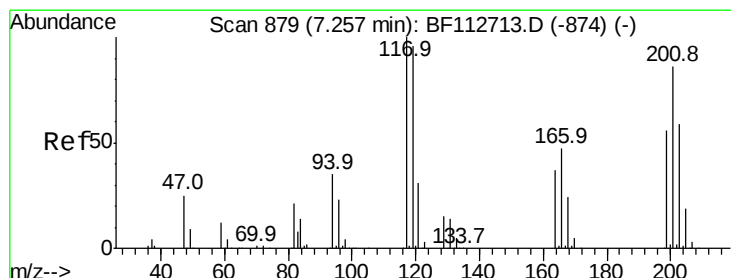
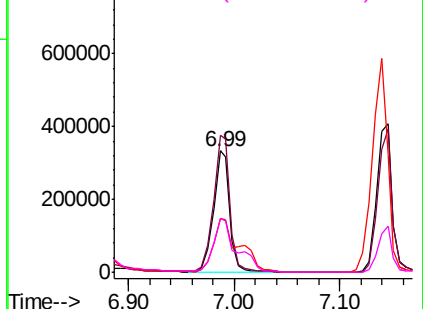
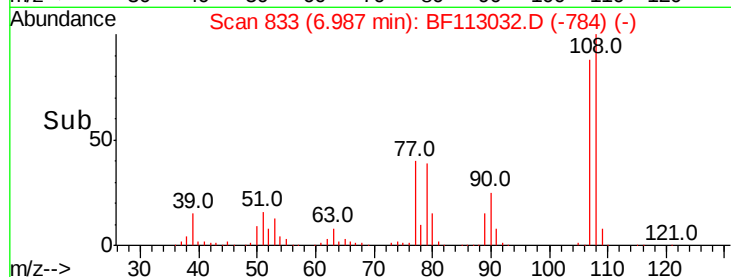
#17
2-Methylphenol
Concen: 38.206 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 365719
Ion Ratio Lower Upper
107 100
108 113.3 94.6 142.0
77 44.7 37.8 56.8
79 44.1 36.2 54.2

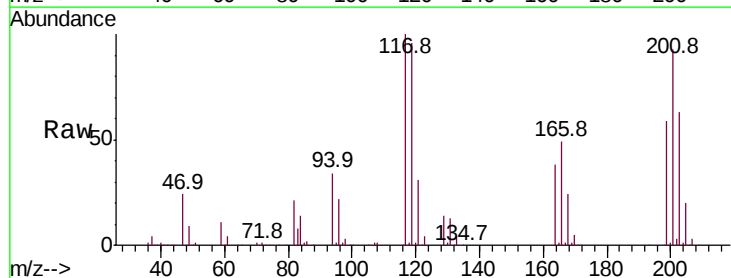


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

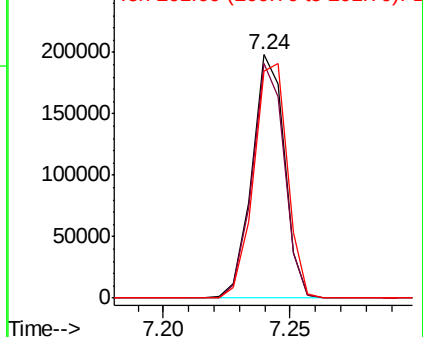
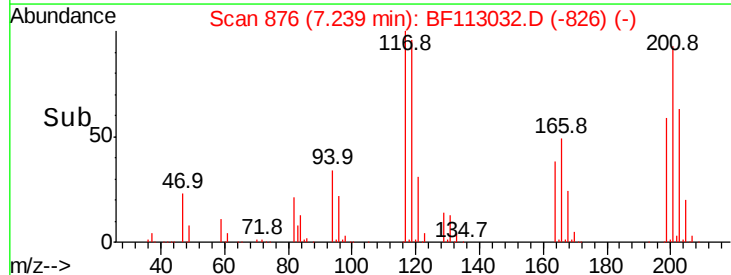


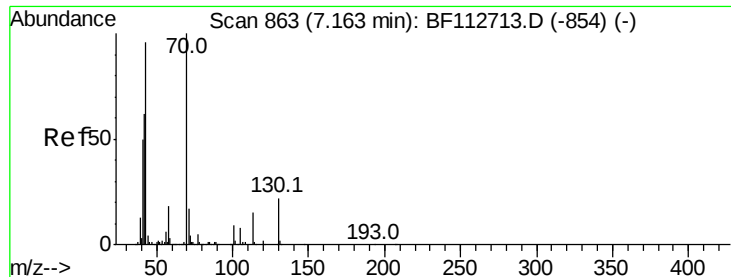
#18
Hexachloroethane
Concen: 37.788 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:117 Resp: 176938
Ion Ratio Lower Upper
117 100
119 96.3 76.6 115.0
201 93.2 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: 35.687 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 300938

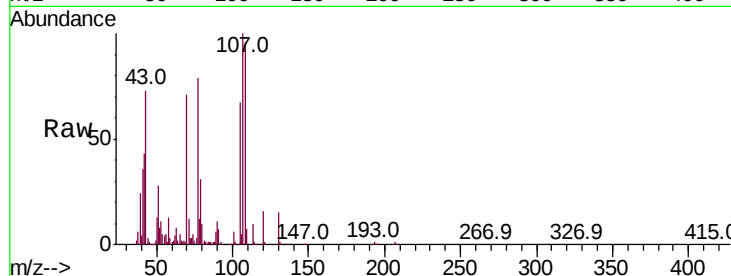
Ion Ratio Lower Upper

70 100

42 61.4 49.9 74.9

101 9.1 7.4 11.2

130 20.5 17.4 26.2

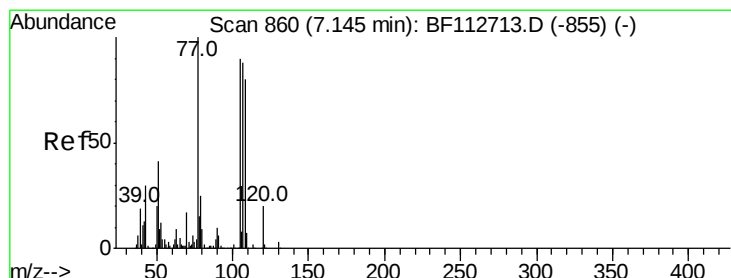
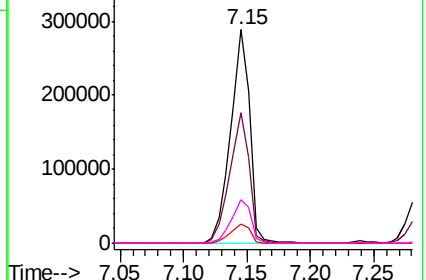
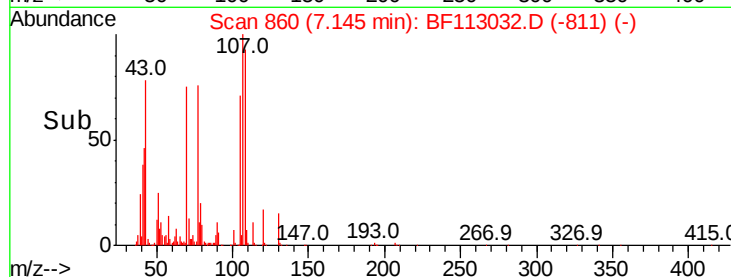


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 38.873 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Tgt Ion: 107 Resp: 420097

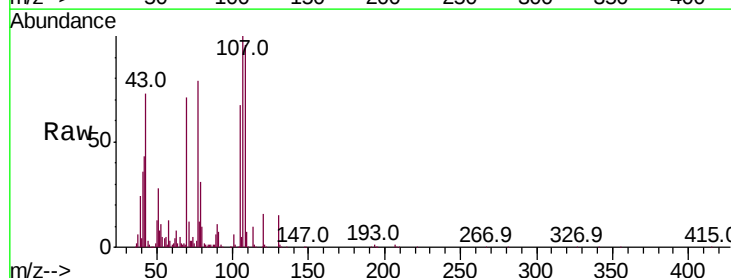
Ion Ratio Lower Upper

107 100

108 96.2 71.4 111.4

77 79.3 94.1 134.1#

79 30.8 8.6 48.6

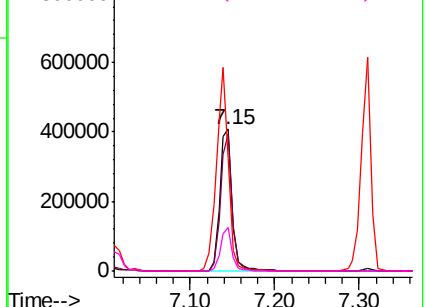
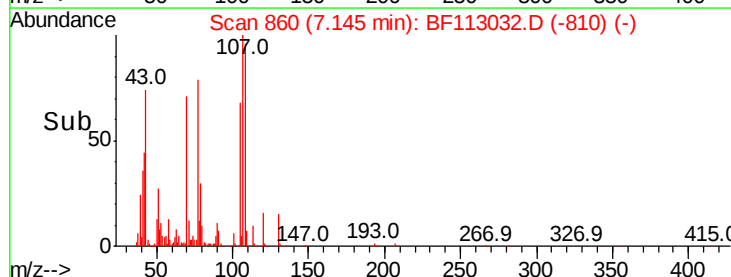


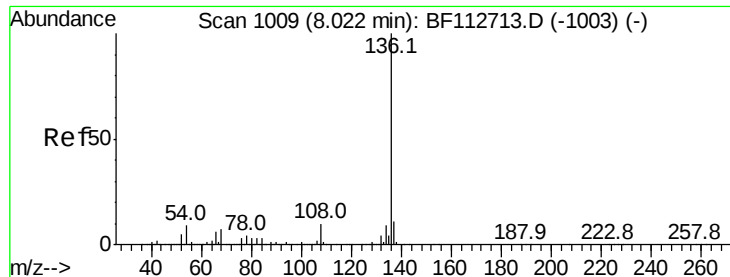
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

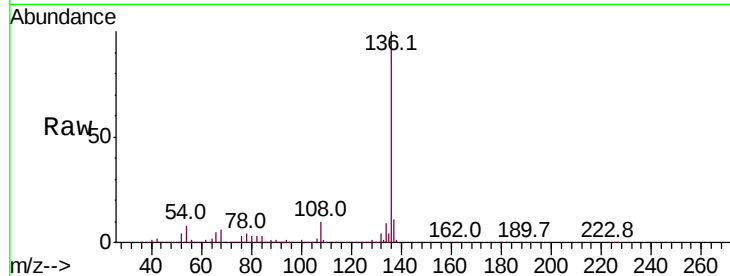




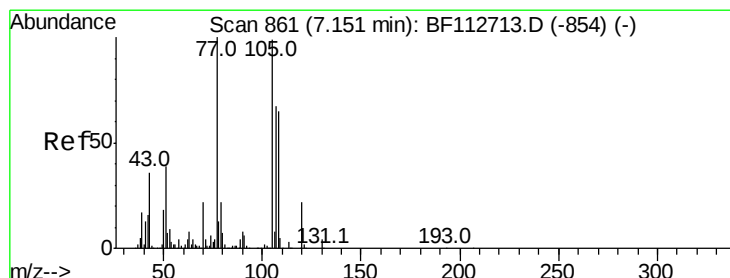
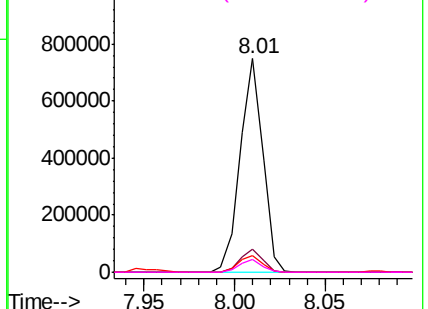
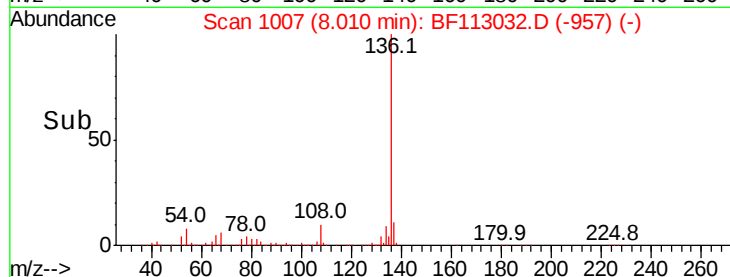
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	653935
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.1	7.3	10.9
68	6.2	5.4	8.2

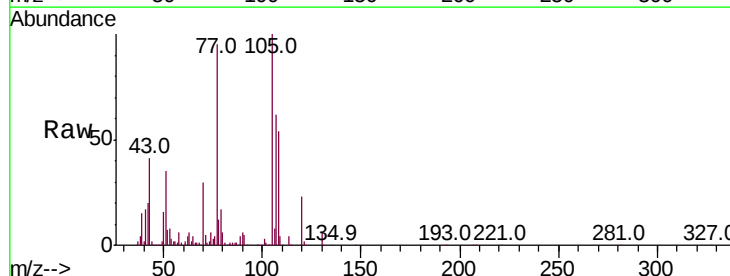


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

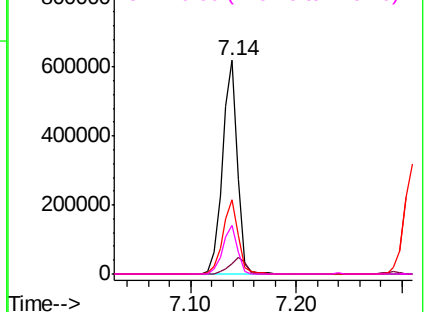
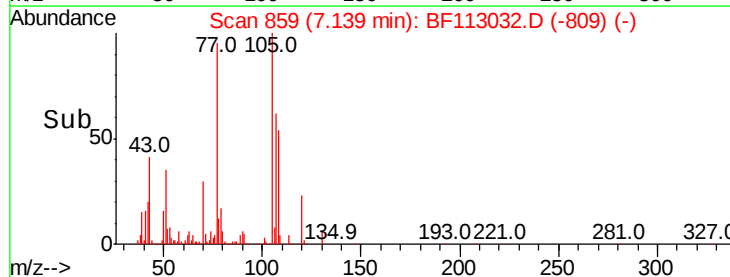


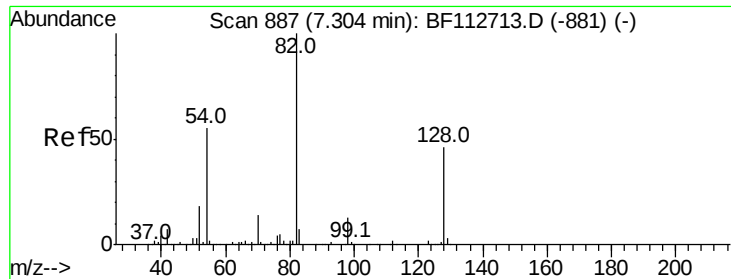
#22
Acetophenone
Concen: 40.027 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:	105	Resp:	612051
Ion	Ratio	Lower	Upper
105	100		
71	5.1	3.0	4.4#
51	34.7	31.5	47.3
120	22.5	18.1	27.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E

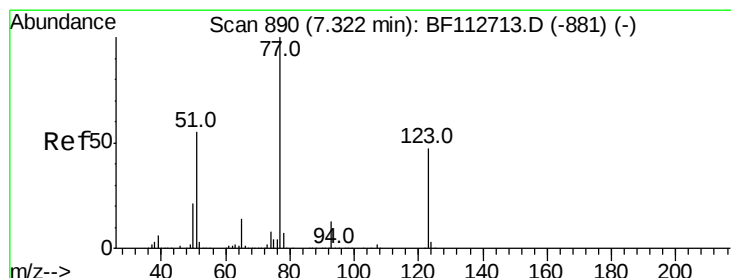
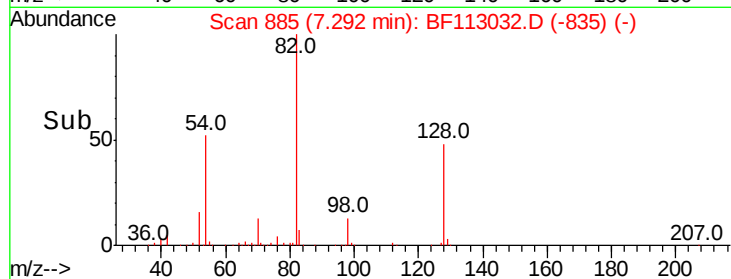
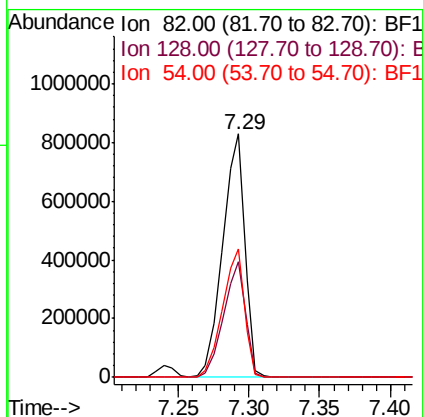
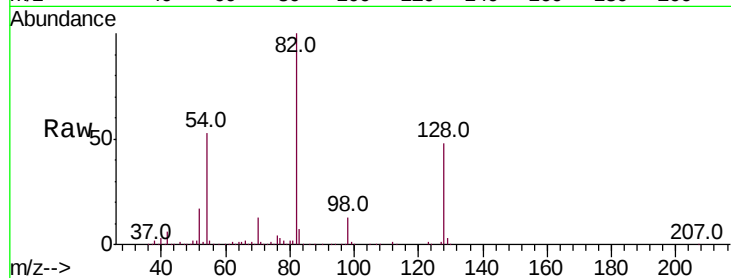




#23
 Nitrobenzene-d5
 Concen: 82.612 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

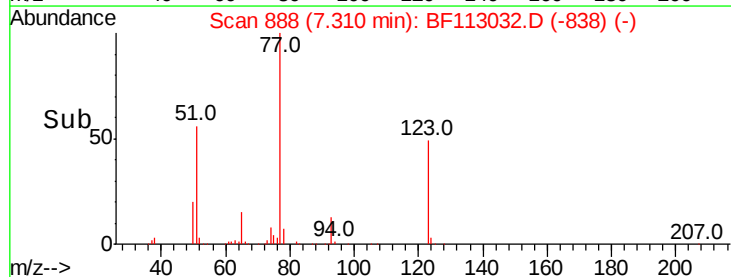
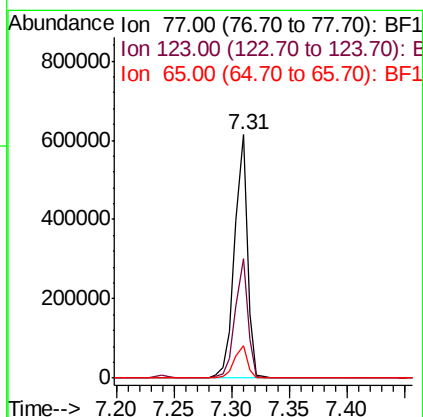
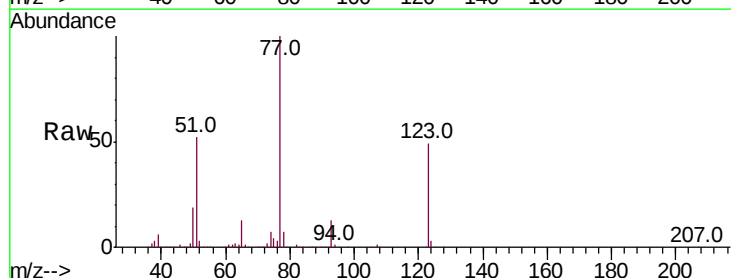
Instrument :
 BNA_F
 ClientSampleId :

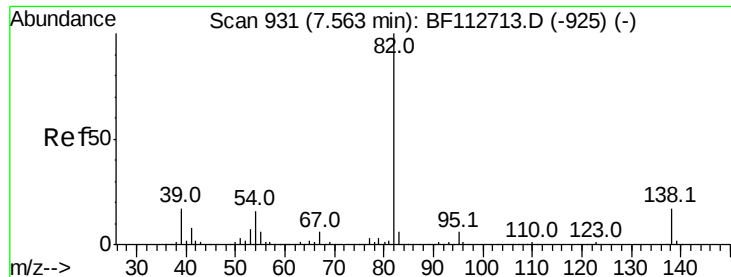
Tot Ion: 82 Resp: 902819
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.3 54.5
 54 52.6 43.7 65.5



#24
 Nitrobenzene
 Concen: 39.062 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Tgt Ion: 77 Resp: 475119
 Ion Ratio Lower Upper
 77 100
 123 49.0 37.8 56.6
 65 13.4 11.1 16.7





#25

Isophorone

Concen: 36.626 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

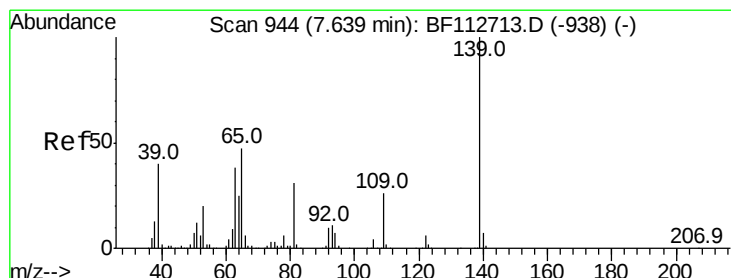
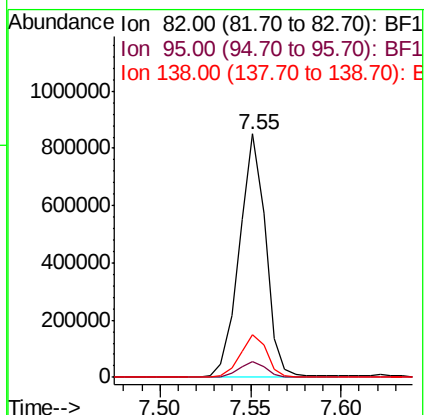
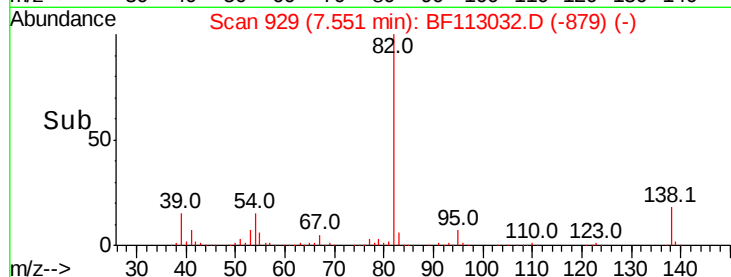
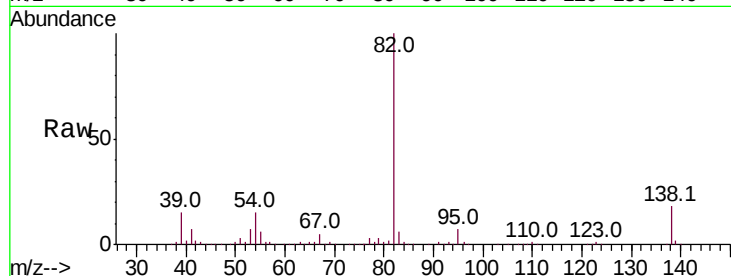
Tot Ion: 82 Resp: 862305

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 17.7 13.8 20.8



#26

2-Nitrophenol

Concen: 49.626 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

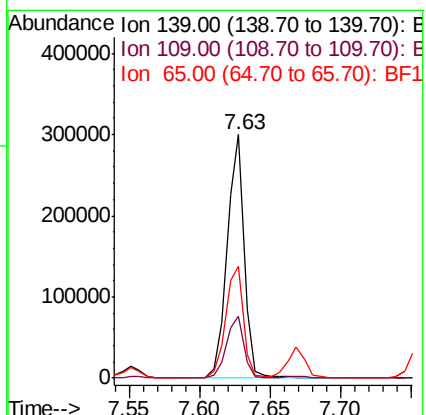
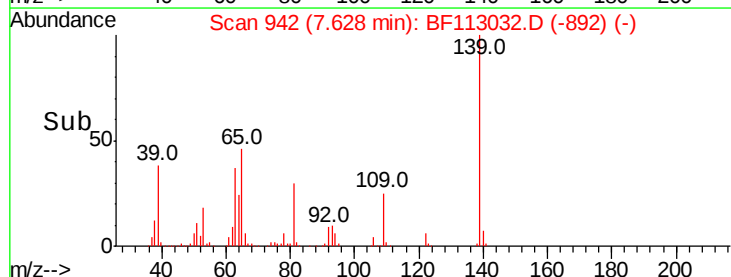
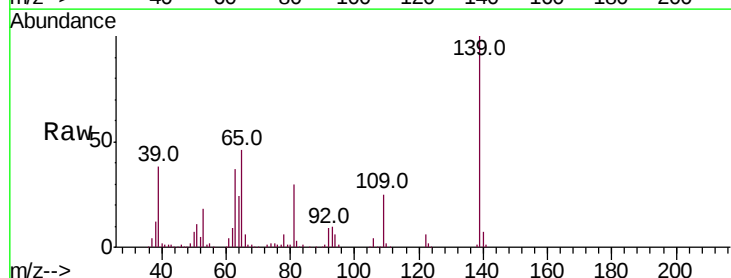
Tgt Ion: 139 Resp: 251273

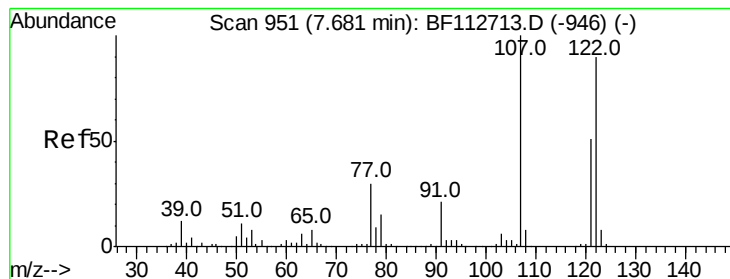
Ion Ratio Lower Upper

139 100

109 25.4 20.6 31.0

65 45.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 37.451 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampled :

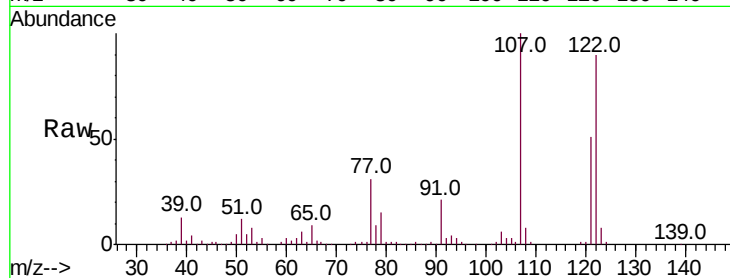
Tot Ion:122 Resp: 352777

Ion Ratio Lower Upper

122 100

107 111.2 89.4 134.0

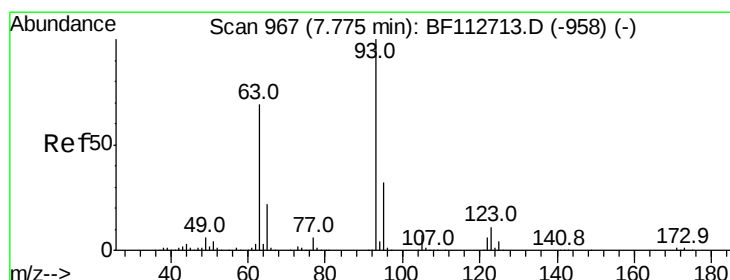
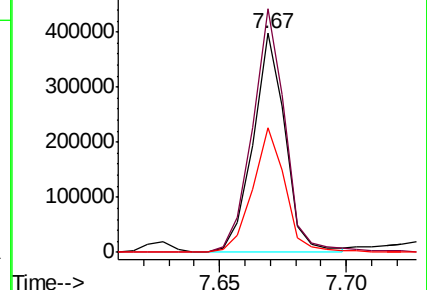
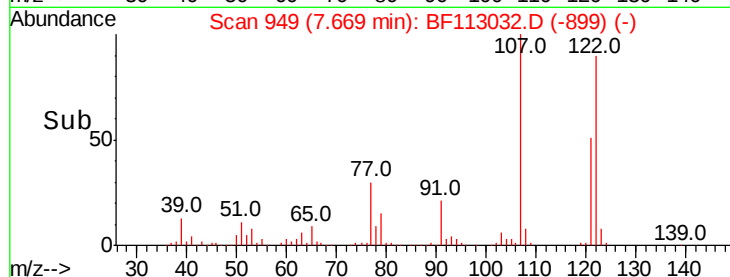
121 57.1 45.5 68.3



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: 36.921 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

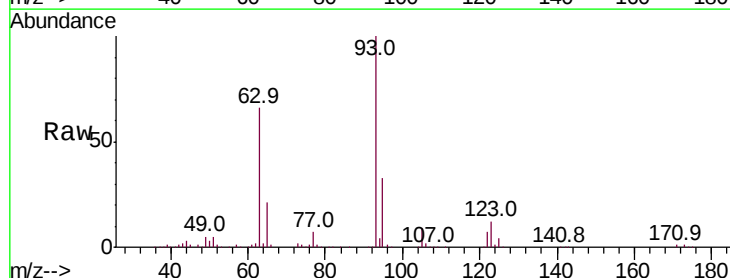
Tgt Ion: 93 Resp: 543467

Ion Ratio Lower Upper

93 100

95 32.9 26.0 39.0

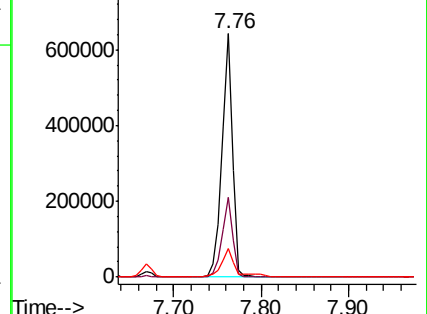
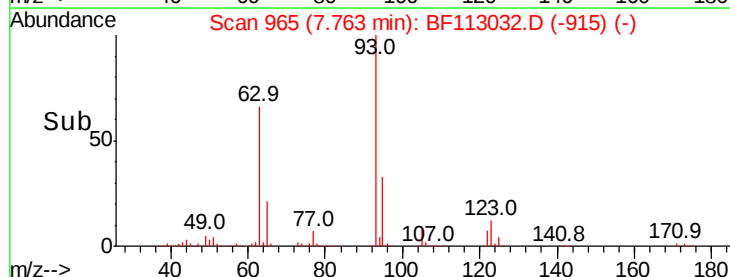
123 11.9 9.3 13.9

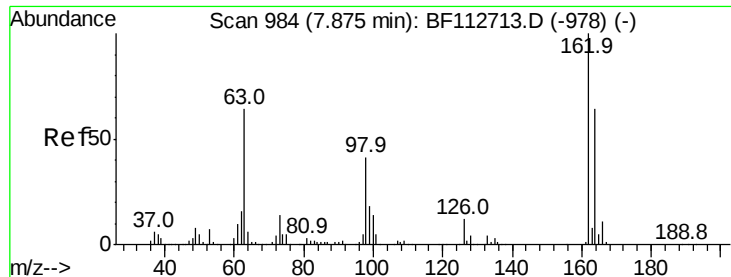


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.842 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampleId :

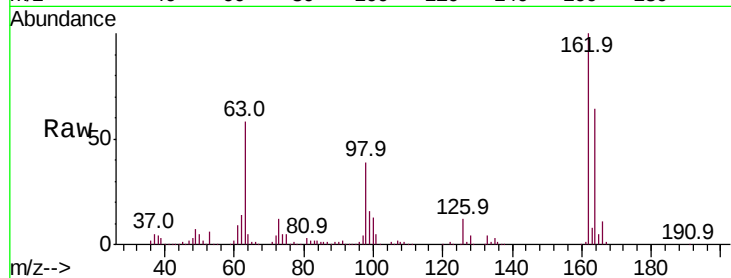
Tot Ion:162 Resp: 382226

Ion Ratio Lower Upper

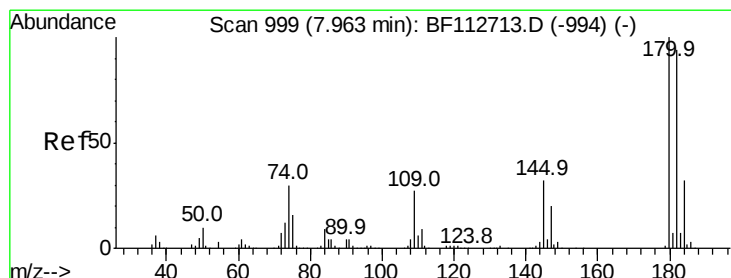
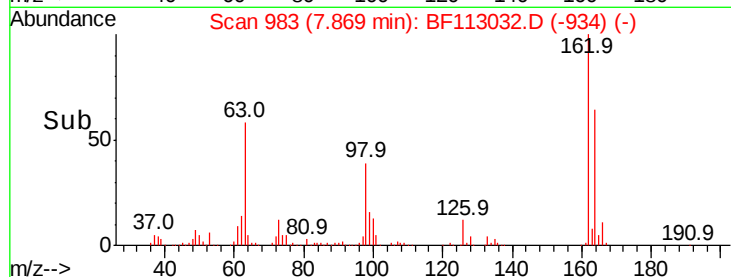
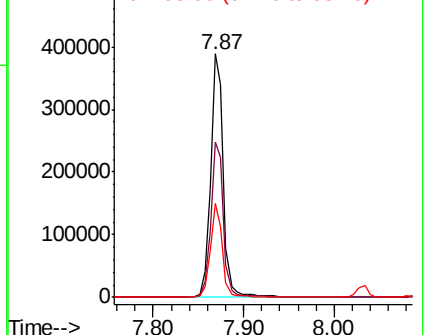
162 100

164 63.8 44.0 84.0

98 38.5 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: 41.588 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

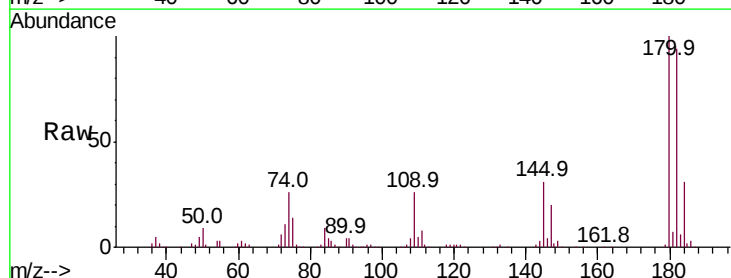
Tgt Ion:180 Resp: 408199

Ion Ratio Lower Upper

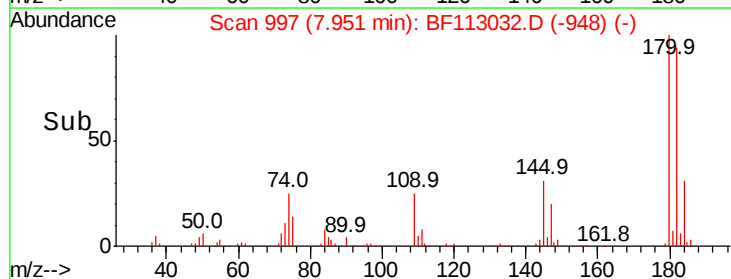
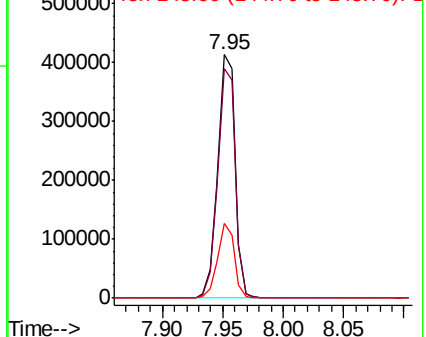
180 100

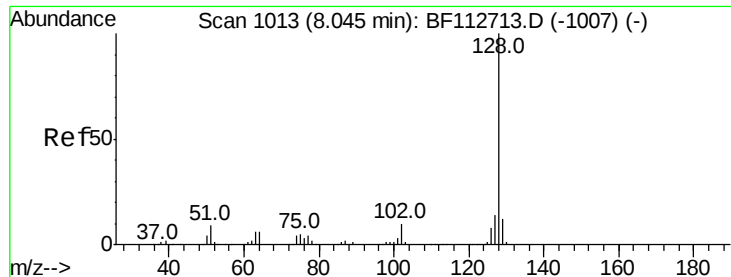
182 94.2 75.2 112.8

145 30.6 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

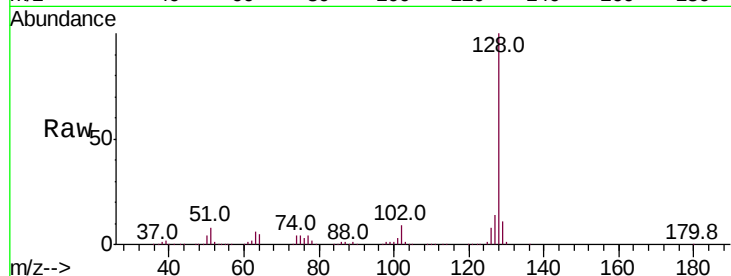




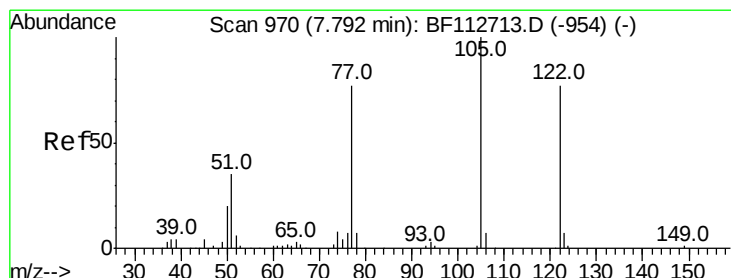
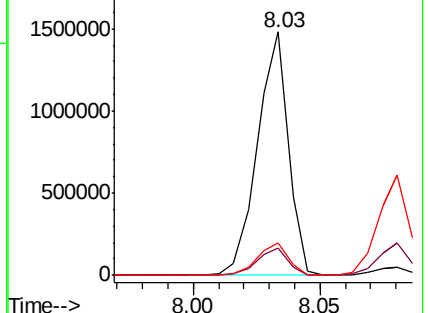
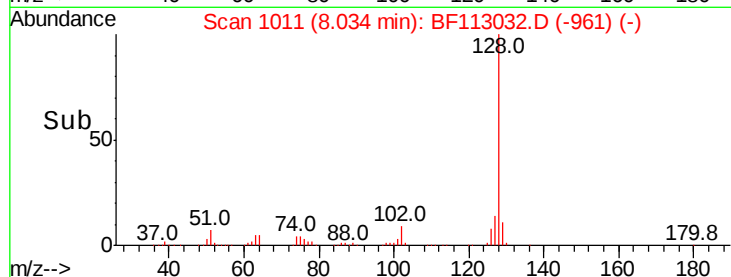
#31
Naphthalene
Concen: 38.975 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1265389
Ion Ratio Lower Upper
128 100
129 11.3 9.3 13.9
127 13.5 10.9 16.3

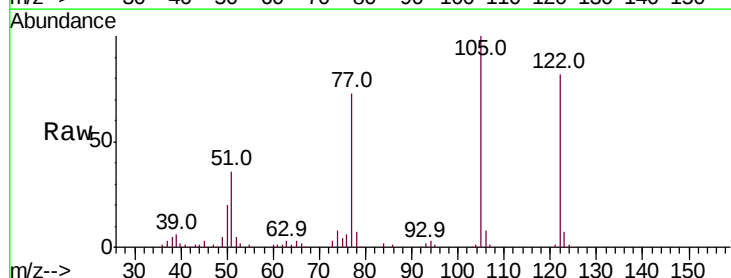


Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

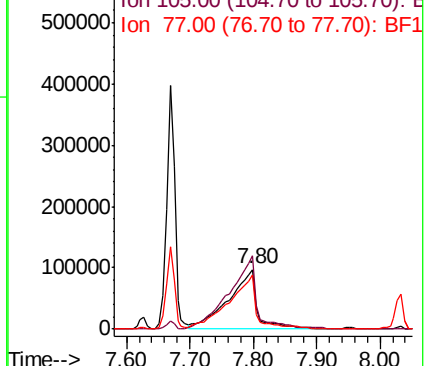
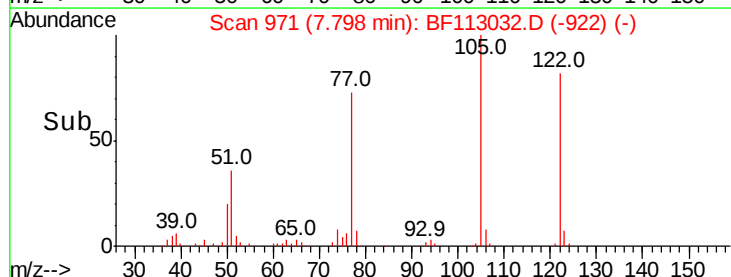


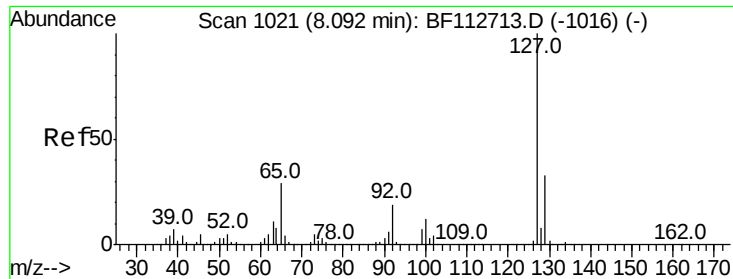
#32
Benzoic acid
Concen: 45.698 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:122 Resp: 301710
Ion Ratio Lower Upper
122 100
105 122.5 106.8 146.8
77 89.7 79.4 119.4



Abundance Ion 122.00 (121.70 to 122.70): E
500000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

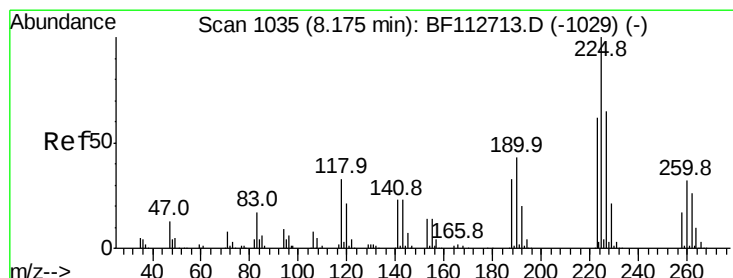
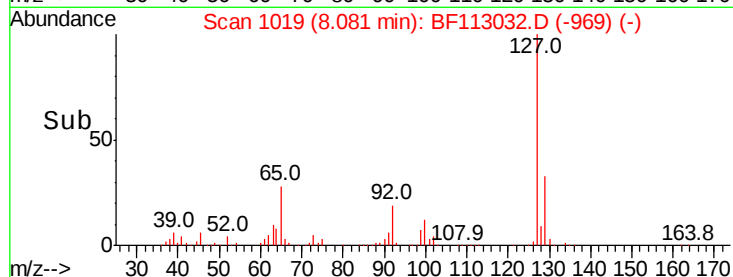
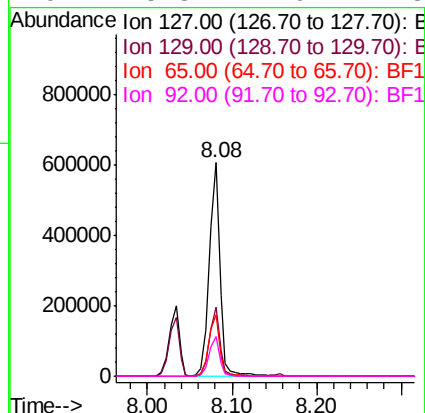
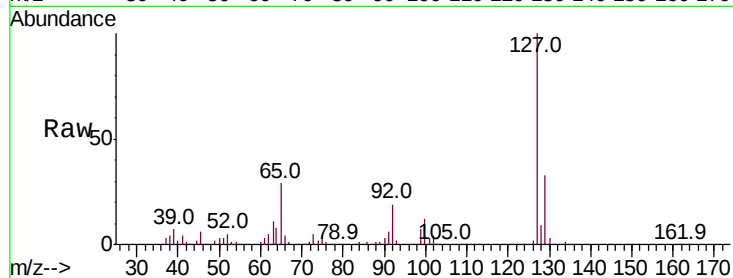




#33
4-Chloroaniline
Concen: 39.086 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

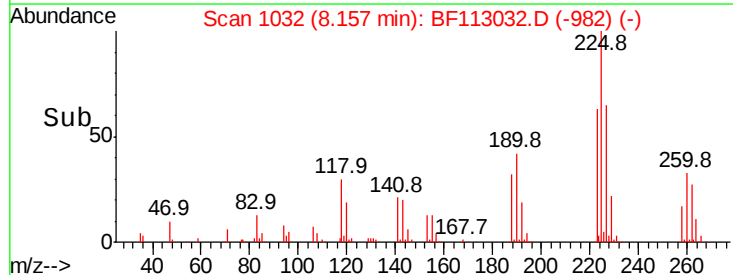
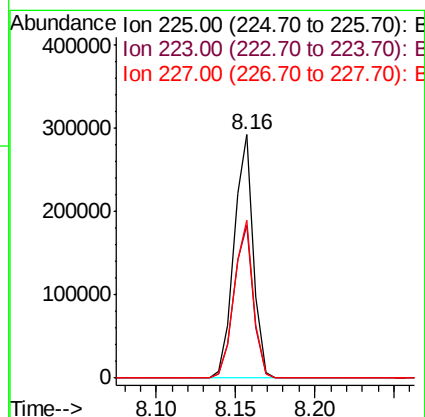
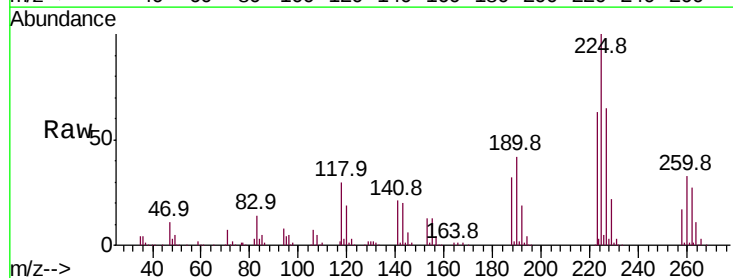
Instrument :
BNA_F
ClientSampleId :

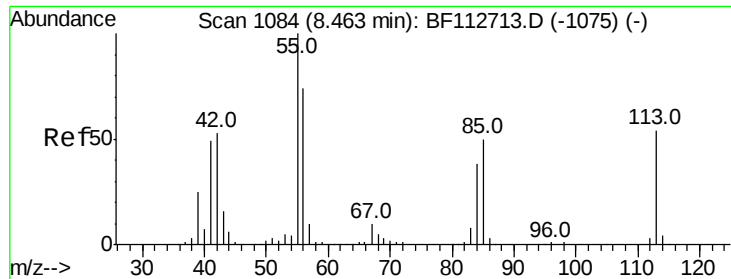
Tot Ion:	127	Resp:	537484
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.4	39.6
65	28.9	23.1	34.7
92	18.8	14.9	22.3



#34
Hexachlorobutadiene
Concen: 44.265 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:	225	Resp:	245029
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	64.6	52.1	78.1





#35

Caprolactam

Concen: 38.691 ng

RT: 8.45 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

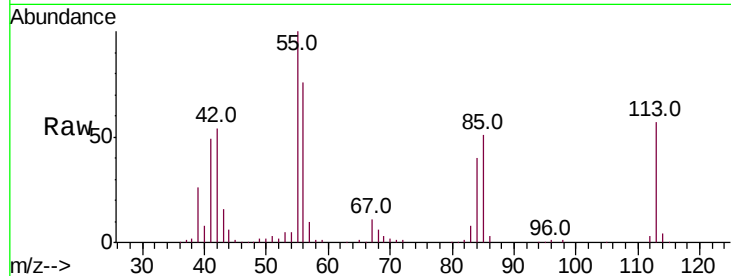
Tot Ion:113 Resp: 124483

Ion Ratio Lower Upper

113 100

55 175.0 163.5 203.5

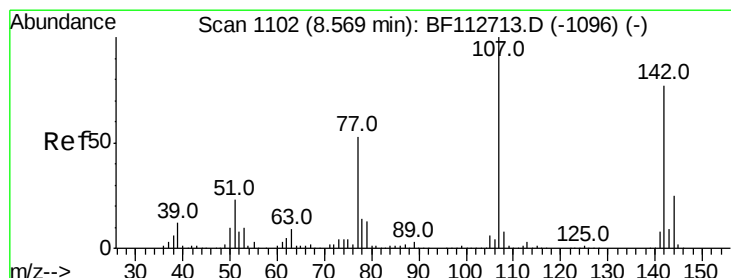
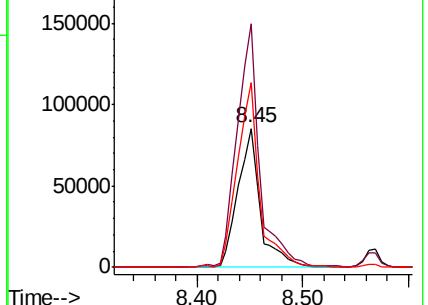
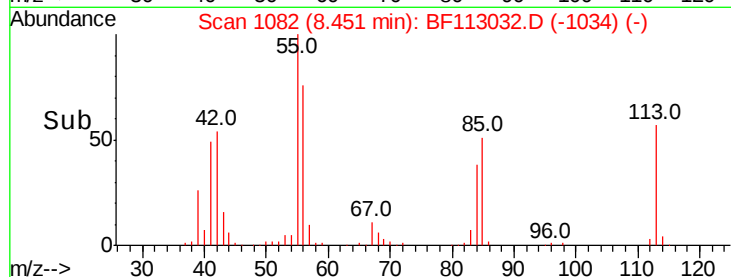
56 132.9 115.3 155.3



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: 38.918 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

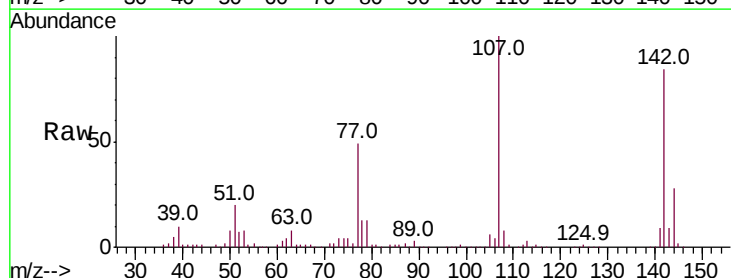
Tgt Ion:107 Resp: 393443

Ion Ratio Lower Upper

107 100

144 27.7 20.1 30.1

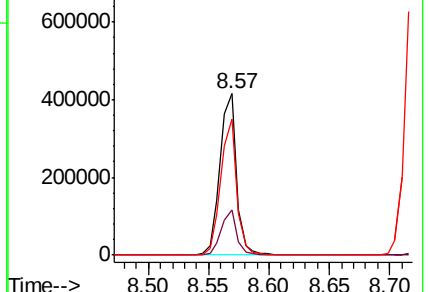
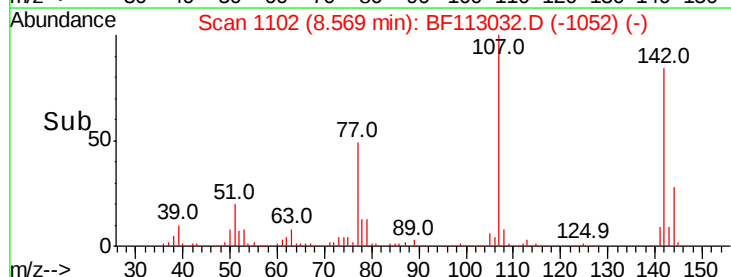
142 84.2 61.9 92.9

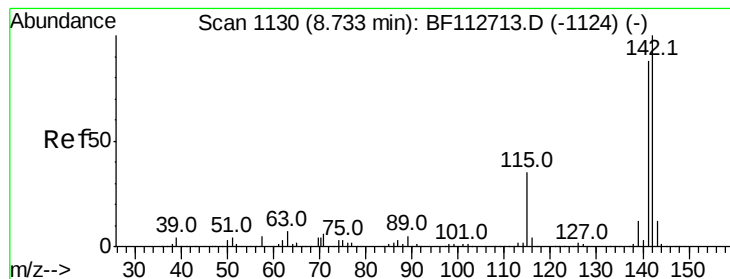


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.063 ng

RT: 8.72 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

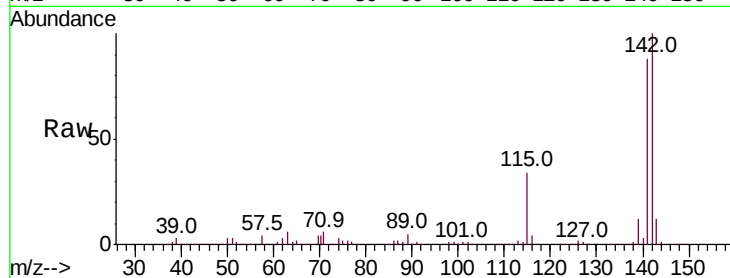
Tot Ion:142 Resp: 839975

Ion Ratio Lower Upper

142 100

141 88.1 70.3 105.5

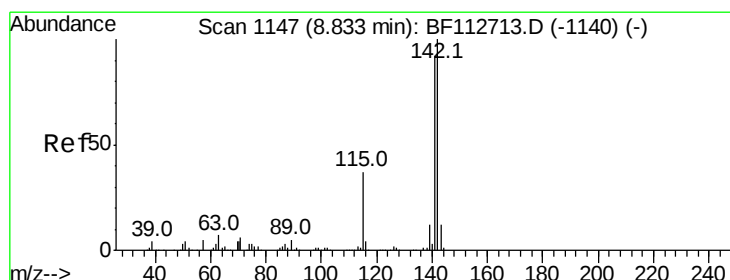
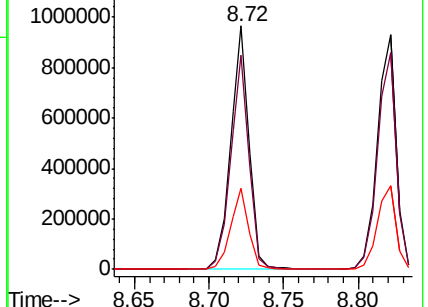
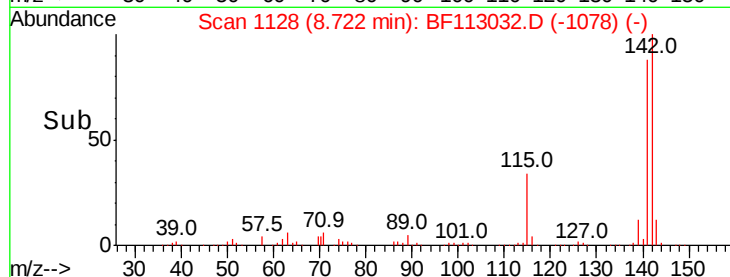
115 33.5 27.8 41.6



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: 39.205 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

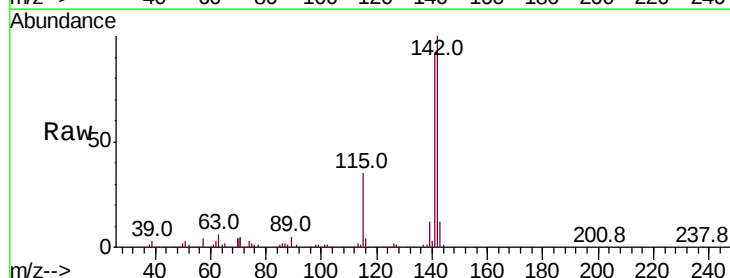
Tgt Ion:142 Resp: 796256

Ion Ratio Lower Upper

142 100

141 92.5 73.7 110.5

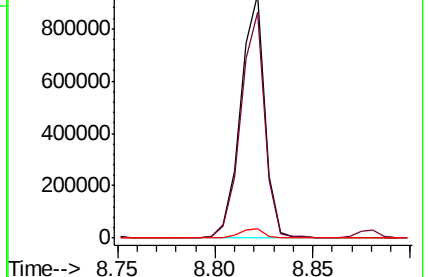
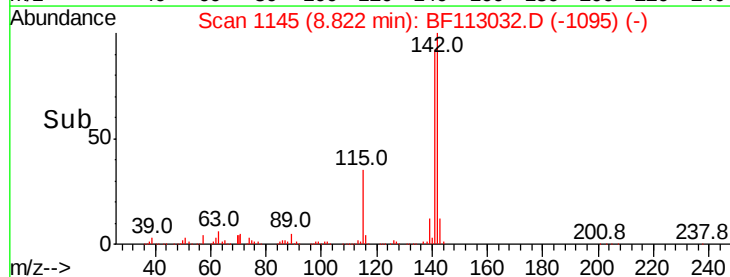
116 3.7 3.1 4.7

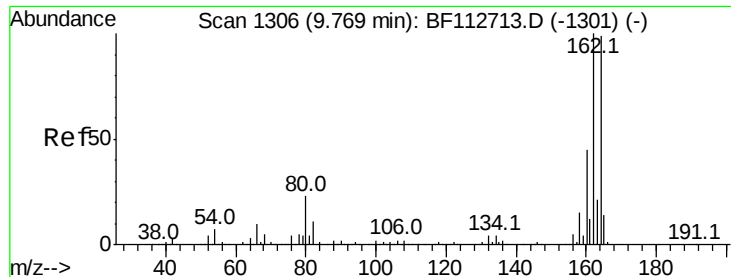


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

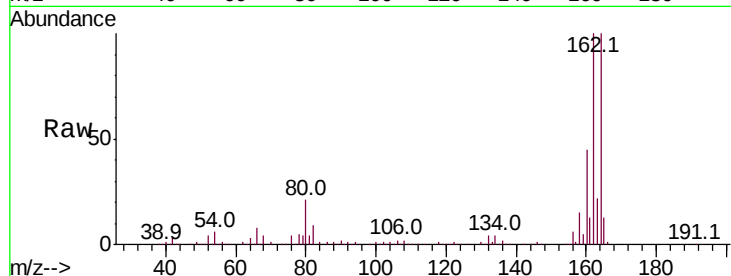




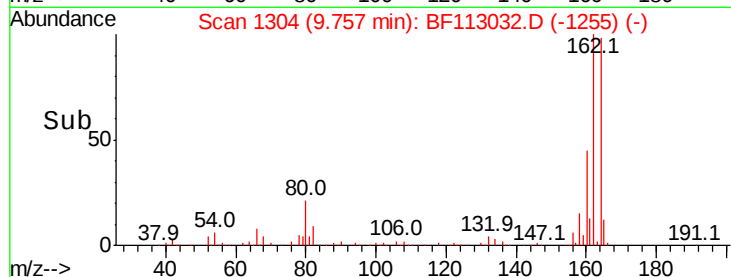
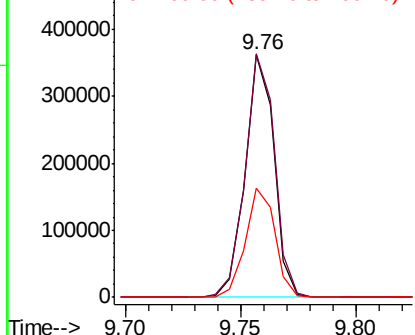
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:164 Resp: 316322
 Ion Ratio Lower Upper
 164 100
 162 100.4 80.6 120.8
 160 45.0 36.0 54.0

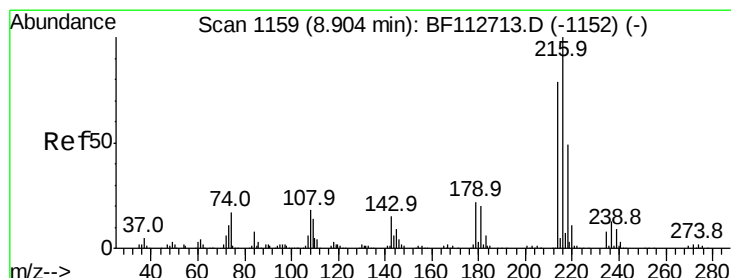


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

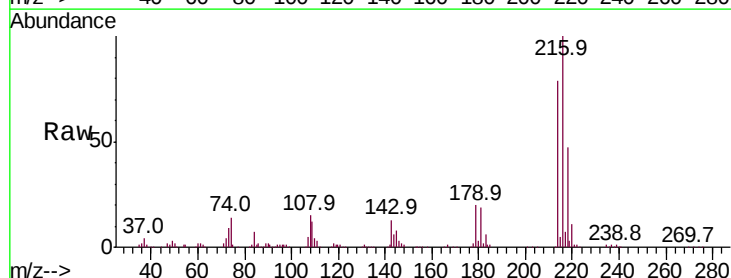
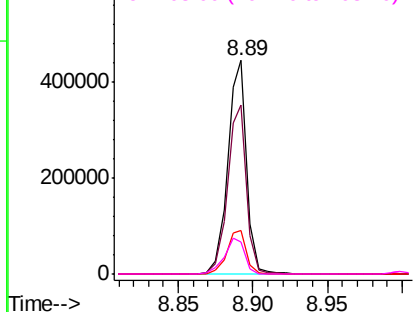


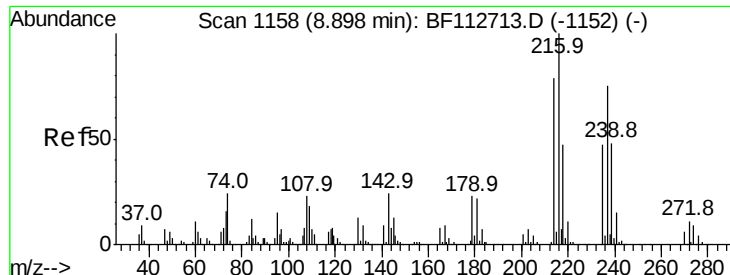
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.894 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Tgt Ion:216 Resp: 395662
 Ion Ratio Lower Upper
 216 100
 214 79.8 63.2 94.8
 179 20.8 17.5 26.3
 108 18.4 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

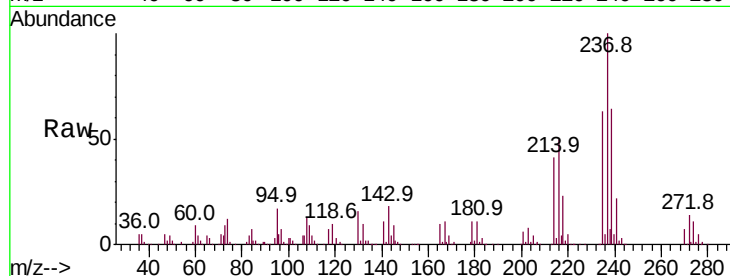




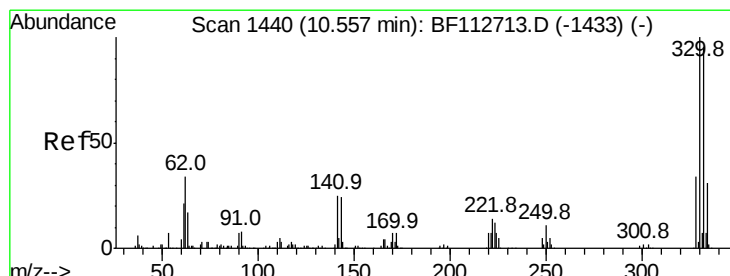
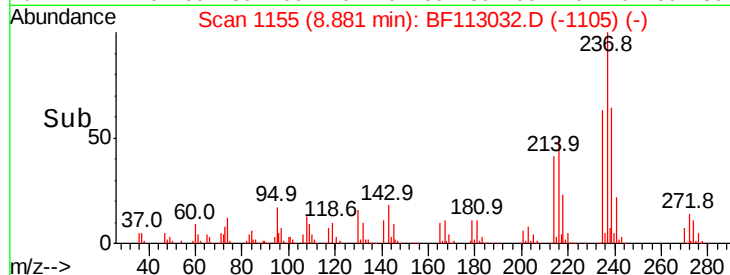
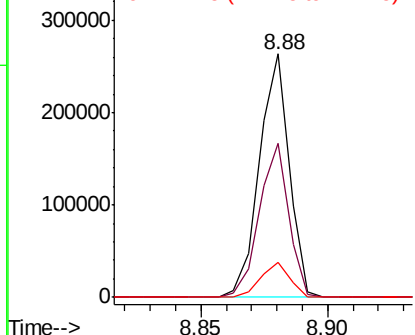
#41
 Hexachlorocyclopentadiene
 Concen: 43.013 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	237	Resp:	217266
Ion Ratio	Lower	Upper	
237	100		
235	63.3	42.2	82.2
272	14.3	0.0	34.0

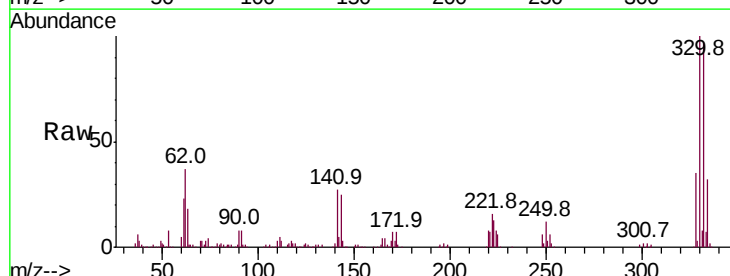


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

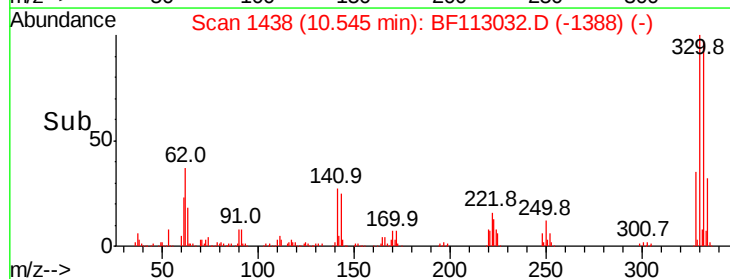
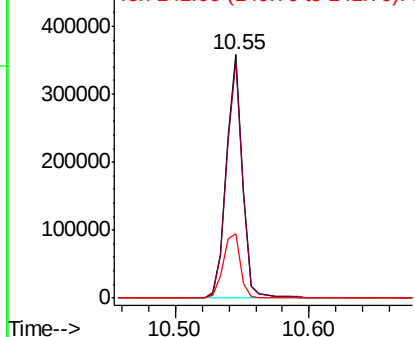


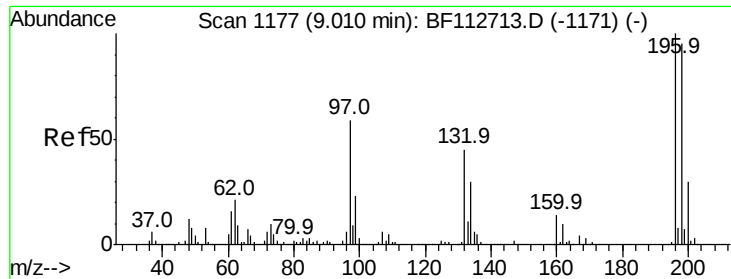
#42
 2,4,6-Tribromophenol
 Concen: 90.985 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Tgt Ion:	330	Resp:	305540
Ion Ratio	Lower	Upper	
330	100		
332	97.9	76.2	114.4
141	29.2	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

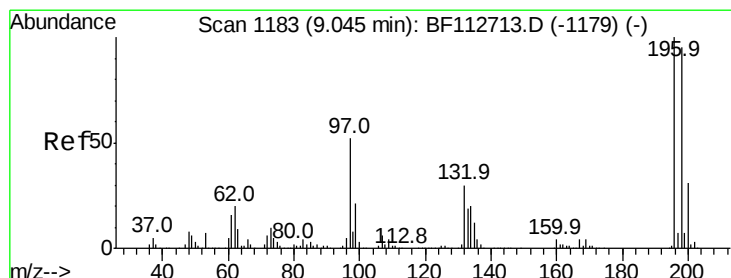
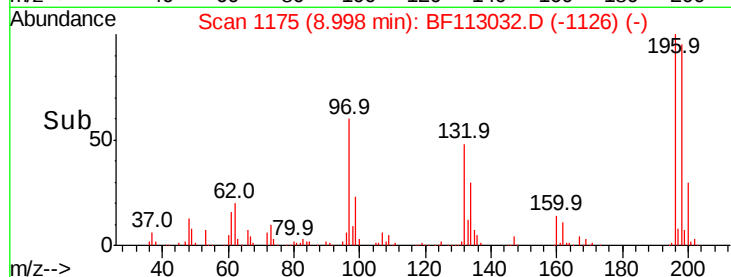
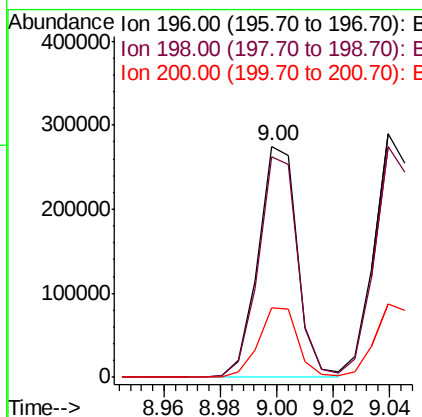
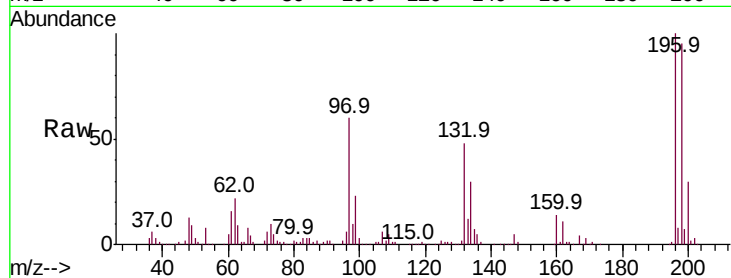




#43
 2,4,6-Trichlorophenol
 Concen: 41.708 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

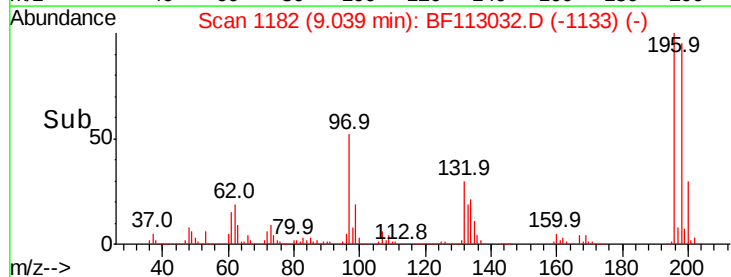
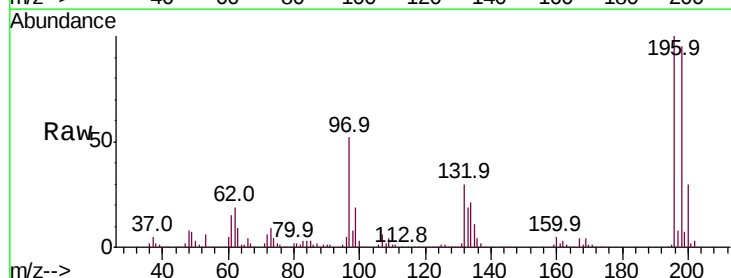
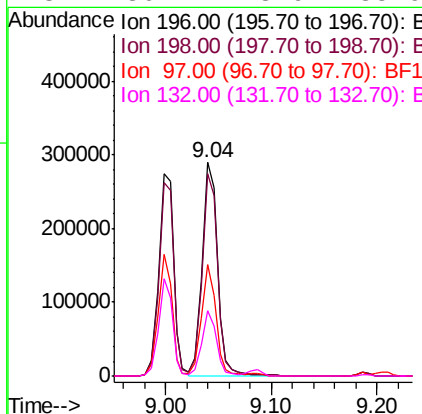
Instrument :
 BNA_F
 ClientSampled :

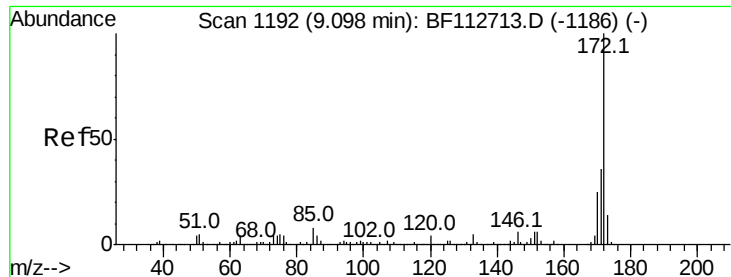
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.3	75.8	113.8
200	30.2	24.3	36.5



#44
 2,4,5-Trichlorophenol
 Concen: 42.316 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.0	76.2	114.2
97	52.3	41.5	62.3
132	30.4	23.9	35.9

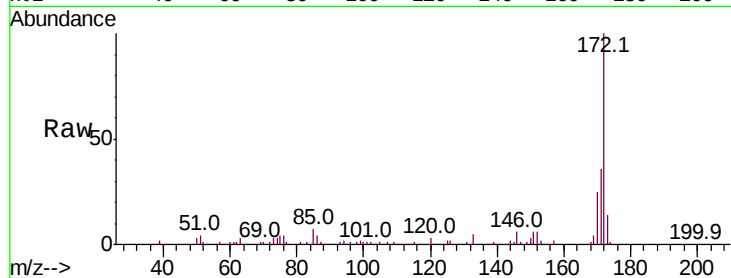




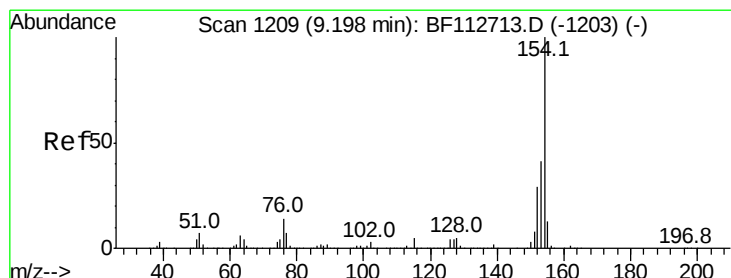
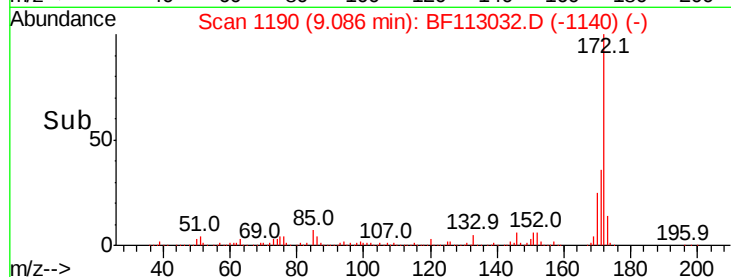
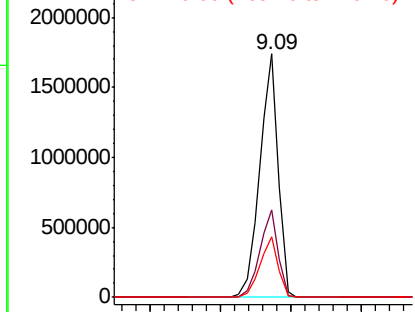
#45
2-Fluorobiphenyl
Concen: 83.488 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1601471
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.4
170 24.7 20.0 30.0

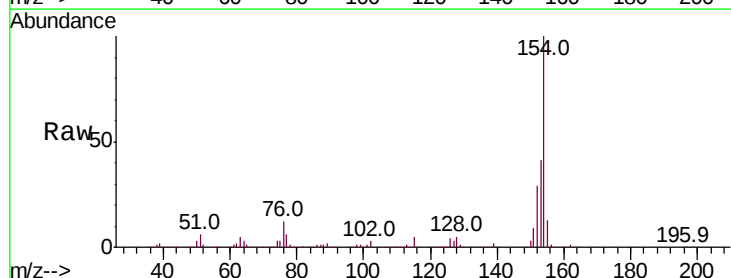


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

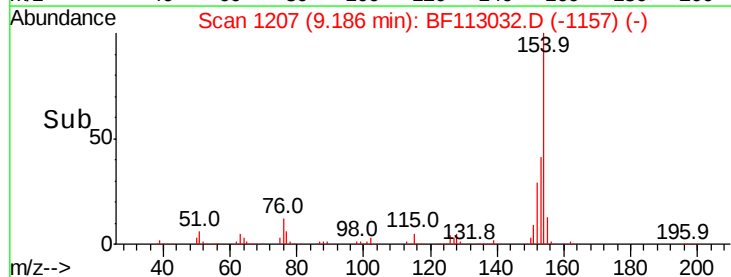
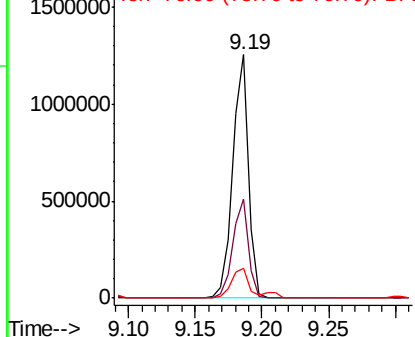


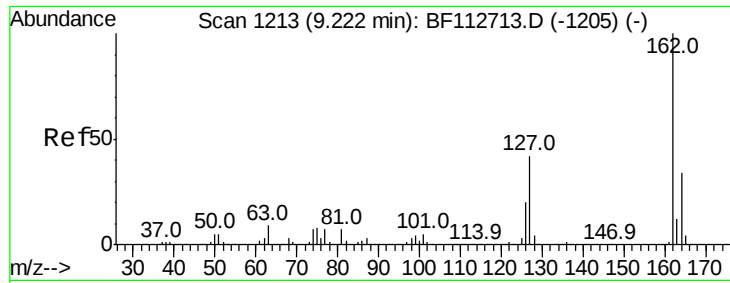
#46
1,1'-Biphenyl
Concen: 40.331 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:154 Resp: 1040568
Ion Ratio Lower Upper
154 100
153 40.8 20.8 60.8
76 12.3 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

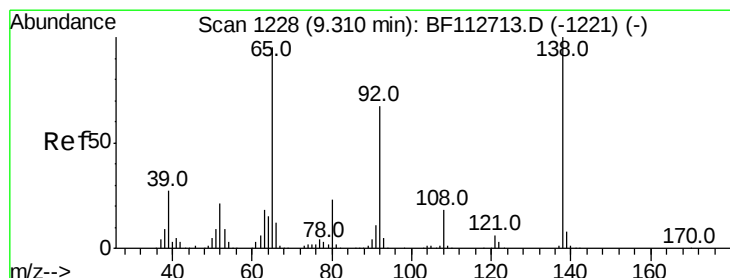
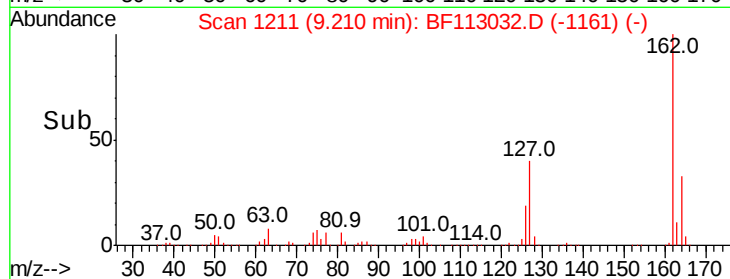
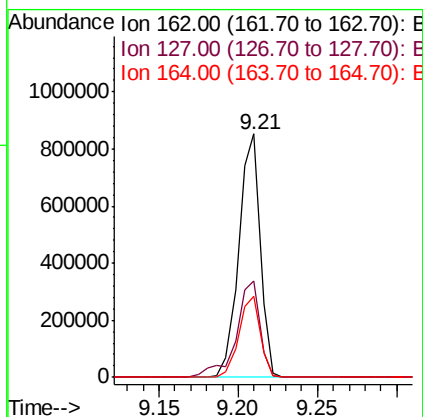
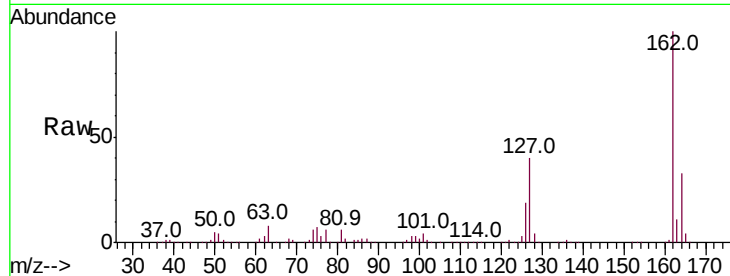




#47
 2-Chloronaphthalene
 Concen: 39.491 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

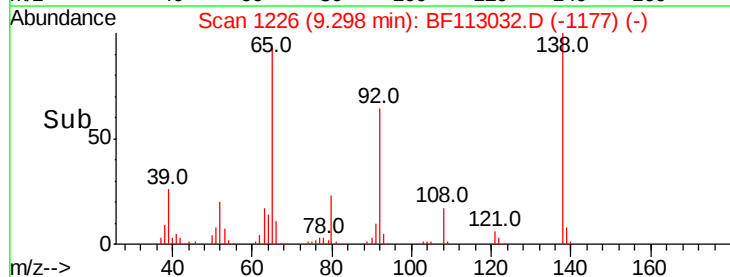
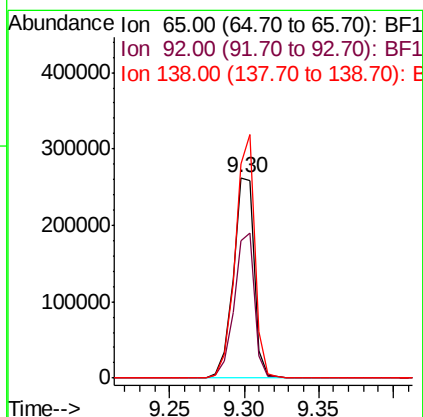
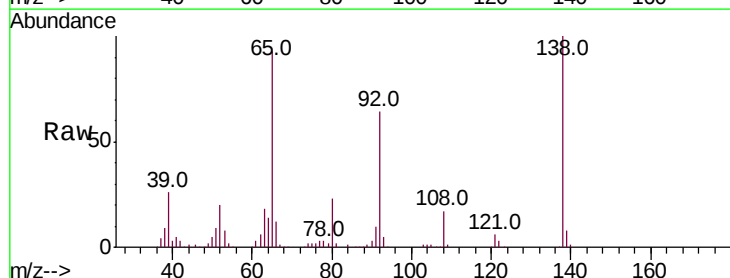
Instrument :
 BNA_F
 ClientSampleId :

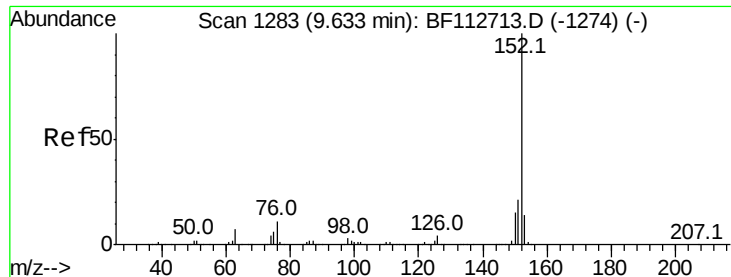
Tot Ion:162 Resp: 795593
 Ion Ratio Lower Upper
 162 100
 127 39.6 33.4 50.2
 164 33.2 26.9 40.3



#48
 2-Nitroaniline
 Concen: 42.426 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Tgt Ion: 65 Resp: 259798
 Ion Ratio Lower Upper
 65 100
 92 68.7 56.4 84.6
 138 107.1 84.6 126.8





#49

Acenaphthylene

Concen: 38.648 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

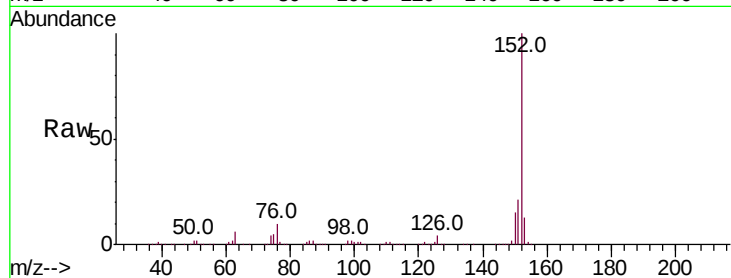
Tot Ion:152 Resp: 1321807

Ion Ratio Lower Upper

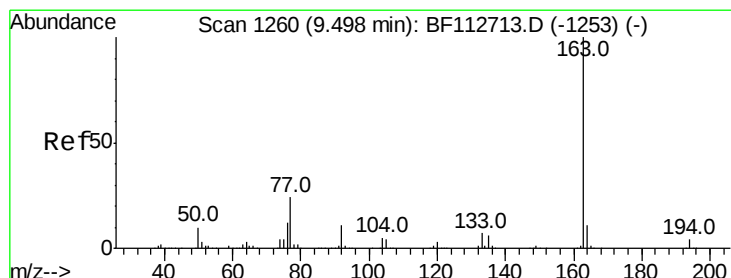
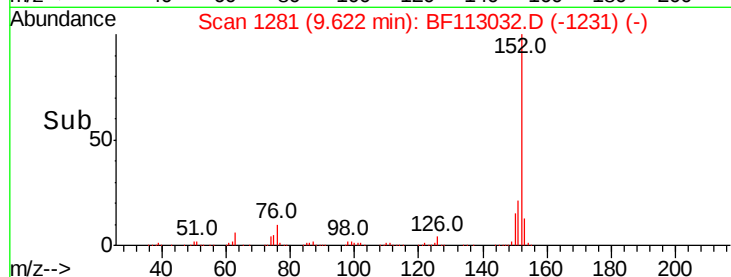
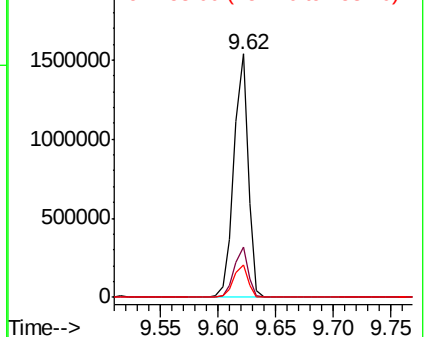
152 100

151 20.6 16.9 25.3

153 13.4 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: 39.539 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

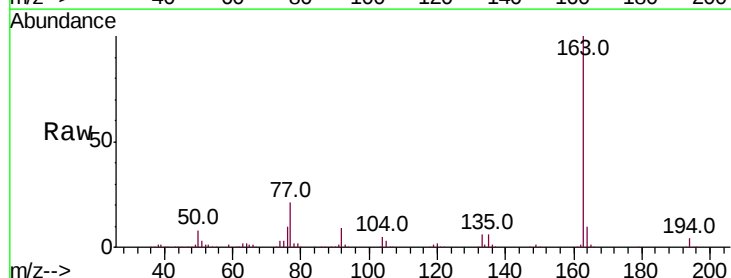
Tgt Ion:163 Resp: 922209

Ion Ratio Lower Upper

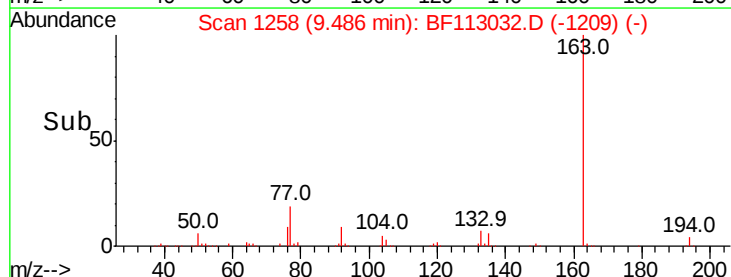
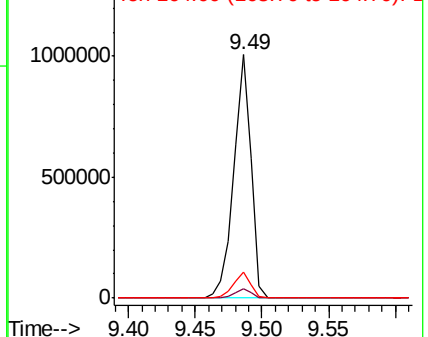
163 100

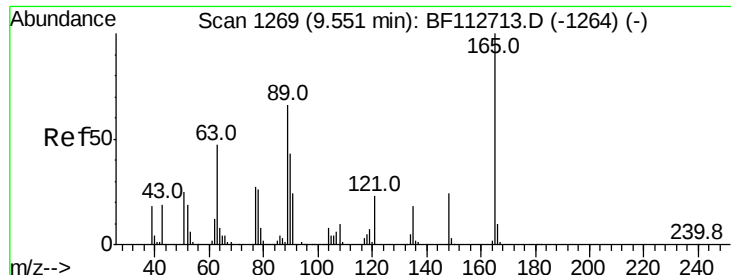
194 3.8 3.0 4.4

164 10.4 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: 43.295 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

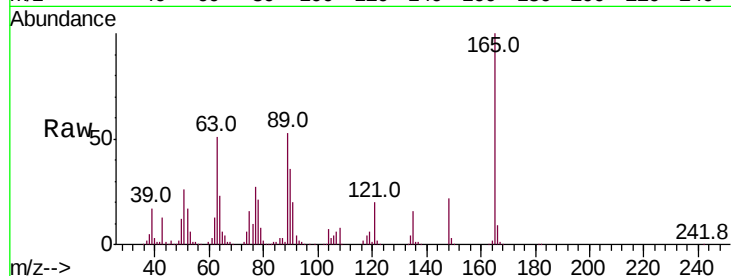
Tot Ion:165 Resp: 210282

Ion Ratio Lower Upper

165 100

63 50.9 54.1 81.1#

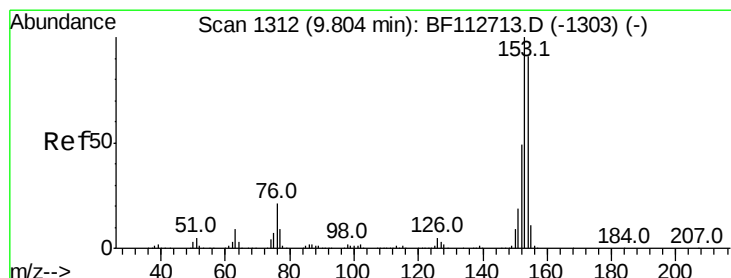
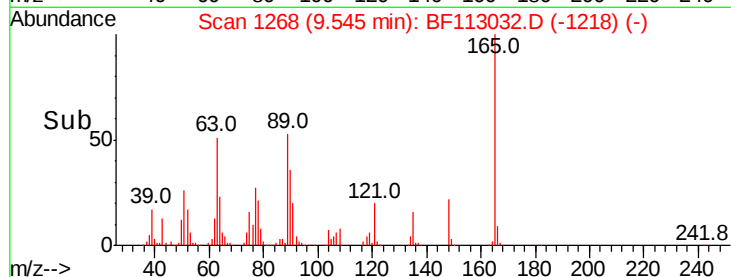
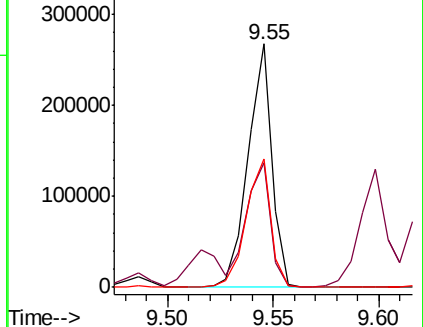
89 52.8 52.8 79.2#



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: 37.105 ng

RT: 9.79 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

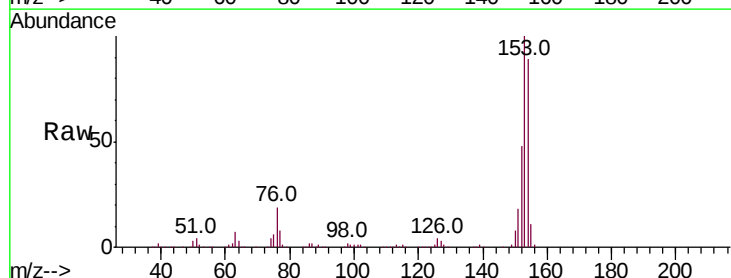
Tgt Ion:154 Resp: 742128

Ion Ratio Lower Upper

154 100

153 112.1 87.8 131.8

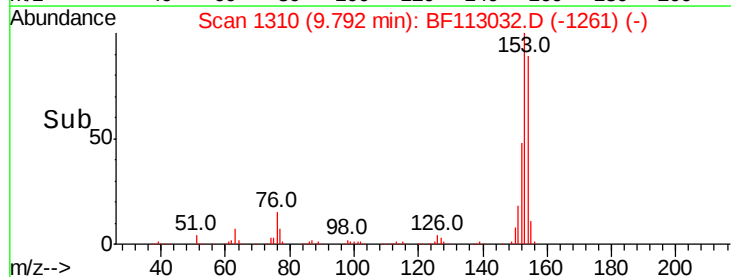
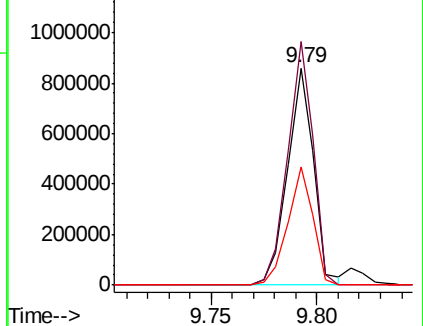
152 54.2 43.0 64.6

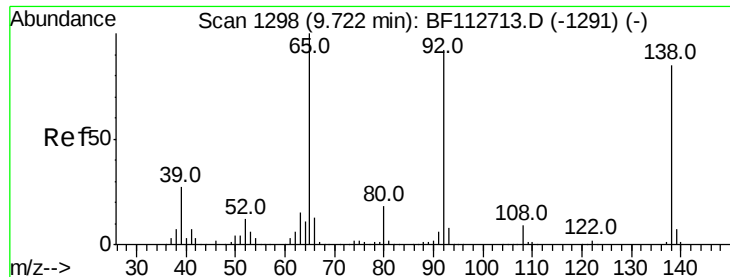


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

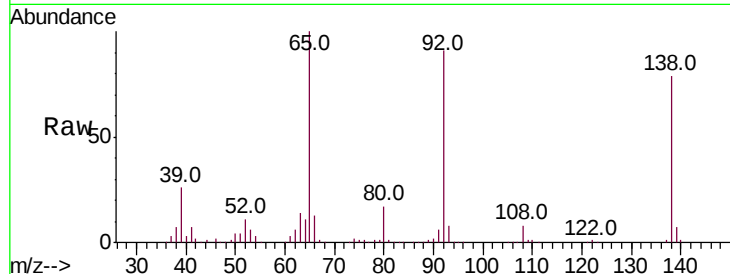




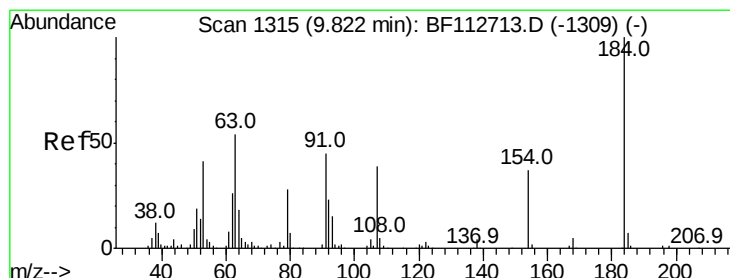
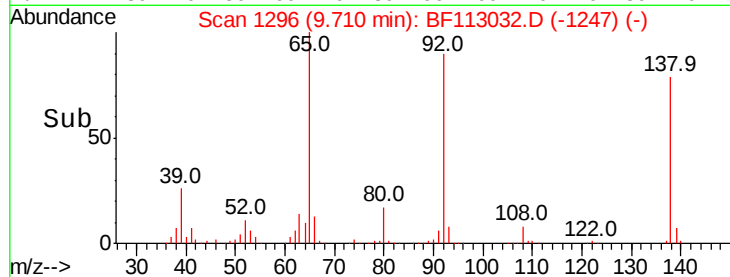
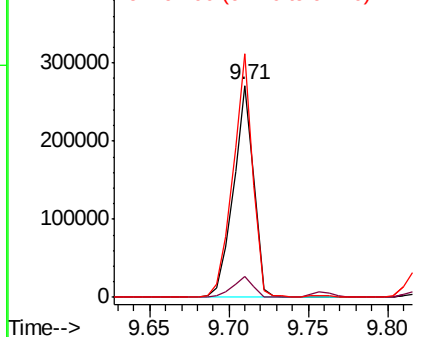
#53
3-Nitroaniline
Concen: 40.638 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 240510
Ion Ratio Lower Upper
138 100
108 9.7 8.6 13.0
92 115.0 86.6 129.8

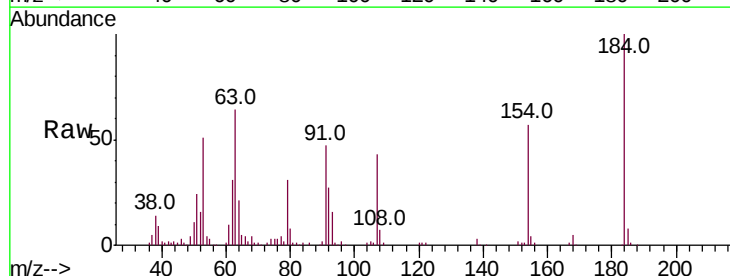


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

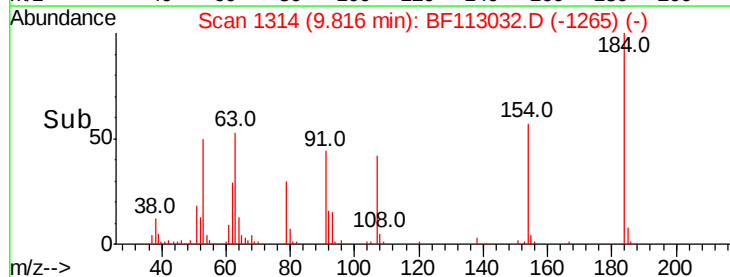
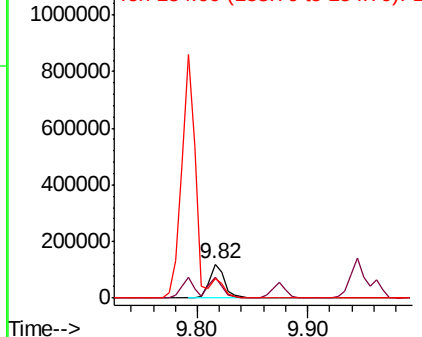


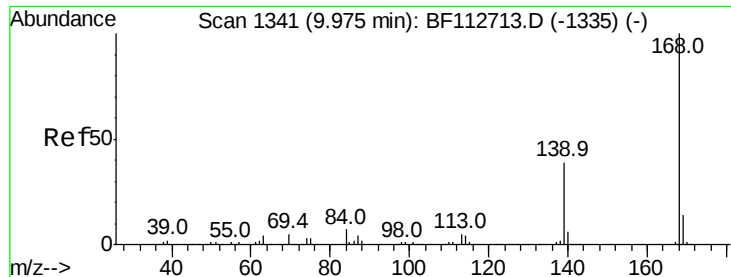
#54
2,4-Dinitrophenol
Concen: 57.786 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:184 Resp: 110932
Ion Ratio Lower Upper
184 100
63 63.8 45.3 67.9
154 57.5 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

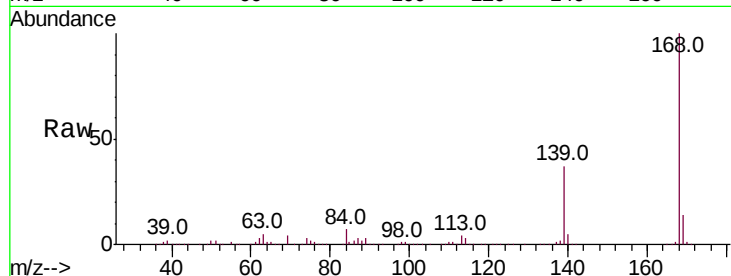




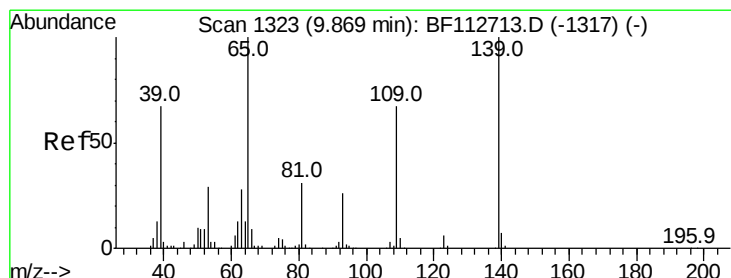
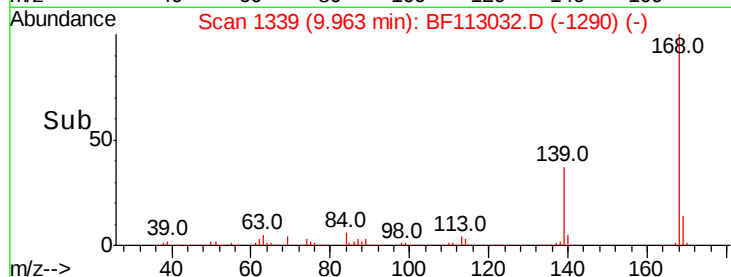
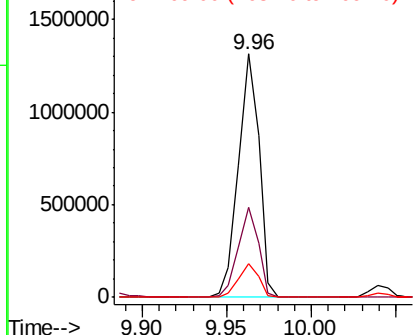
#55
Dibenzofuran
Concen: 38.538 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1120270
Ion Ratio Lower Upper
168 100
139 37.2 31.3 46.9
169 14.0 11.3 16.9

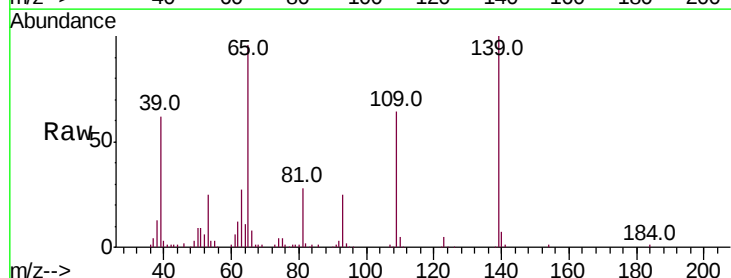


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

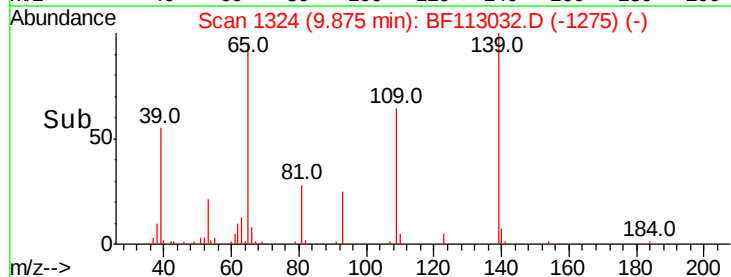
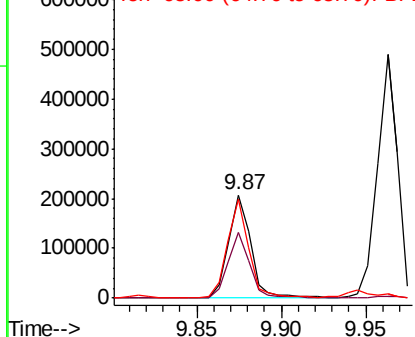


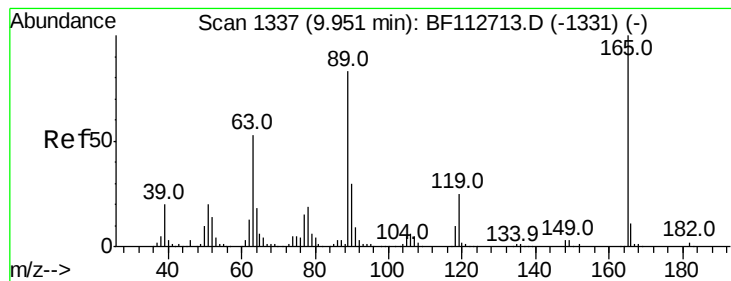
#56
4-Nitrophenol
Concen: 39.915 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:139 Resp: 191987
Ion Ratio Lower Upper
139 100
109 63.6 46.8 86.8
65 96.2 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: 45.459 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 274453

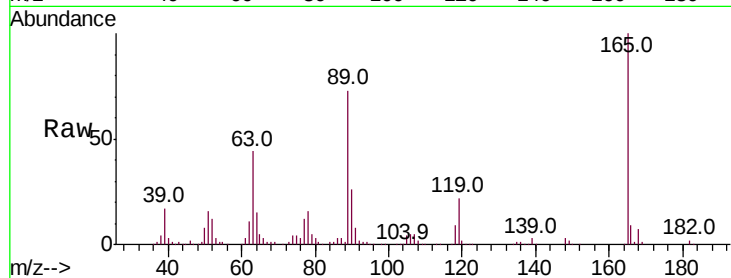
Ion Ratio Lower Upper

165 100

63 43.5 42.2 63.2

89 73.0 66.2 99.4

182 2.4 1.8 2.6

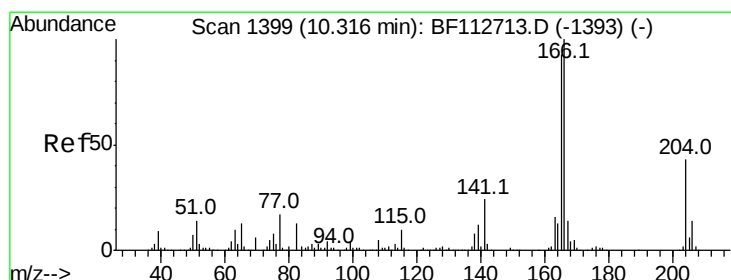
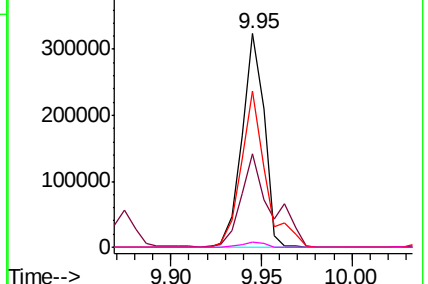
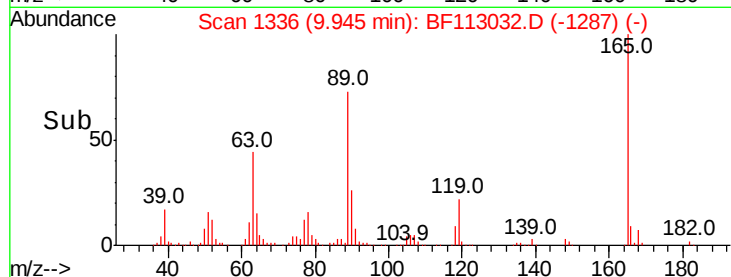


Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.577 ng

RT: 10.30 min Scan# 1397

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

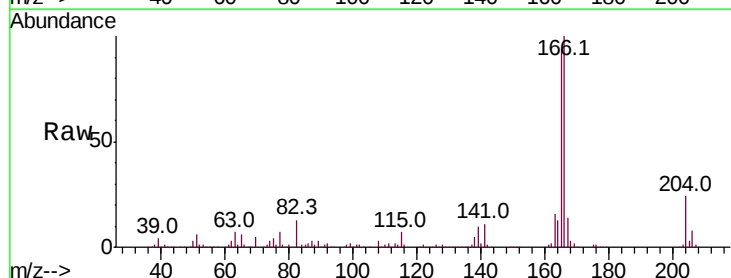
Tgt Ion:166 Resp: 816536

Ion Ratio Lower Upper

166 100

165 94.4 74.7 112.1

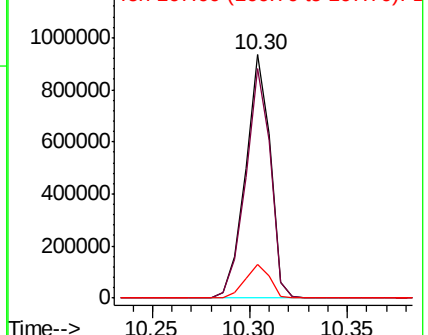
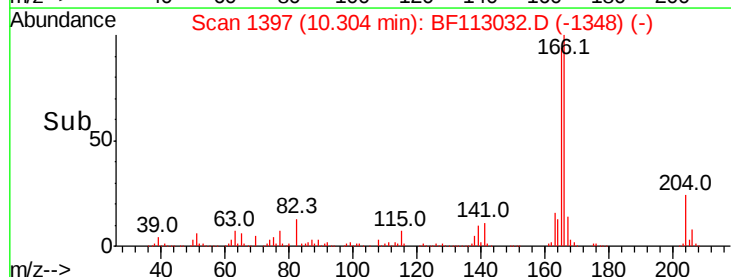
167 13.9 11.0 16.6

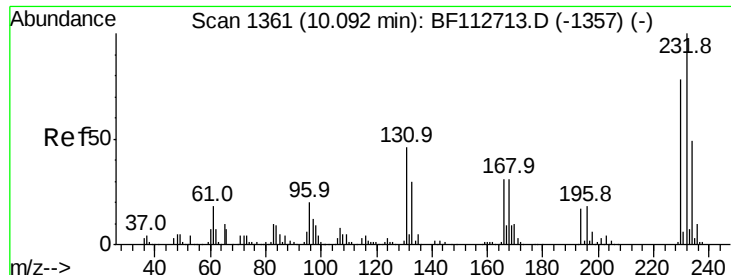


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

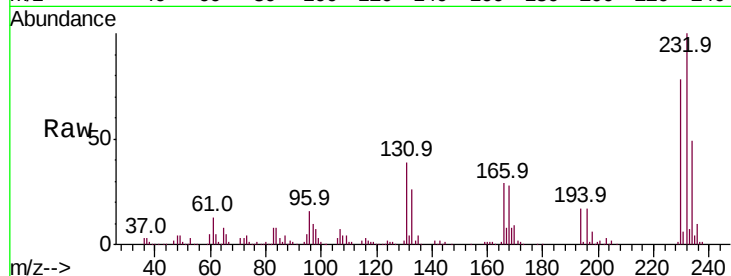




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.629 ng
 RT: 10.09 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.3	38.7	58.1
130	2.1	1.9	2.9
166	29.5	25.2	37.8



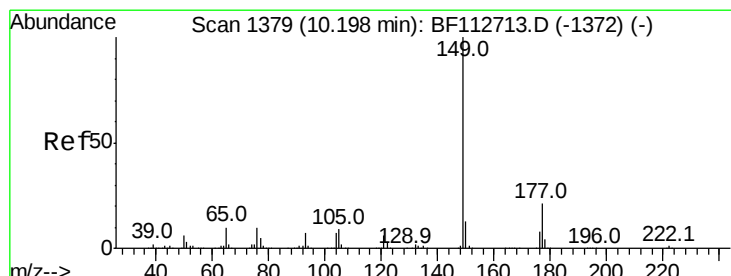
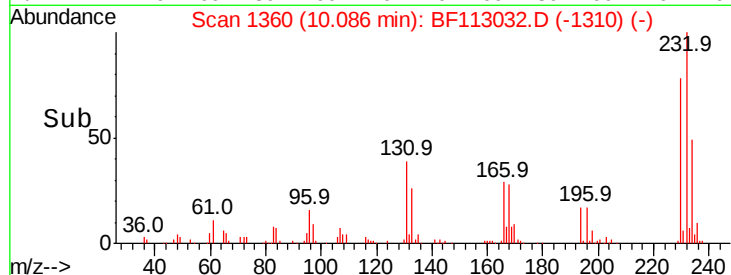
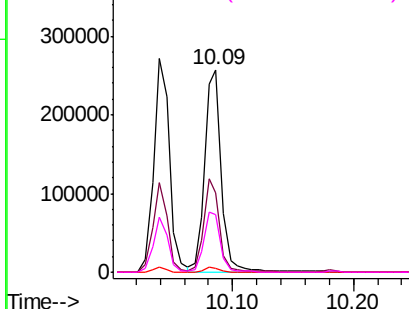
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

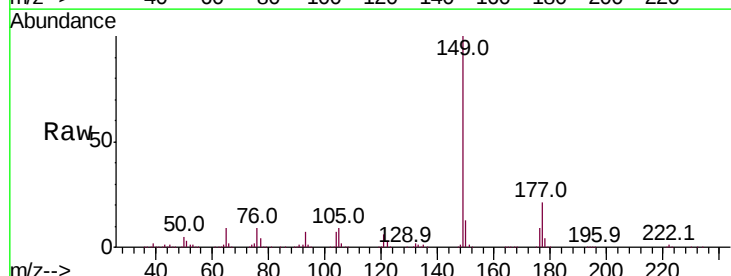
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 36.809 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.0	25.6
150	12.7	10.0	15.0

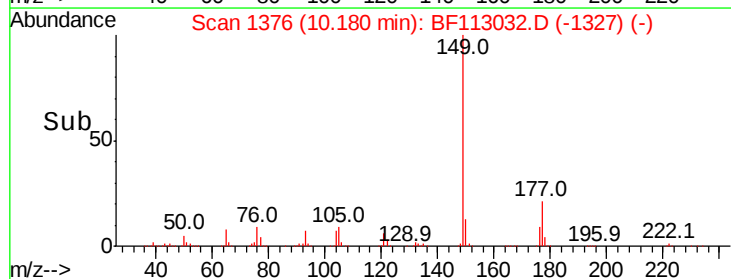
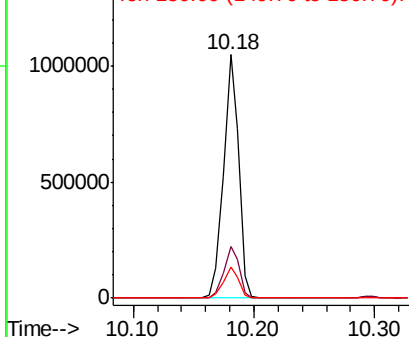


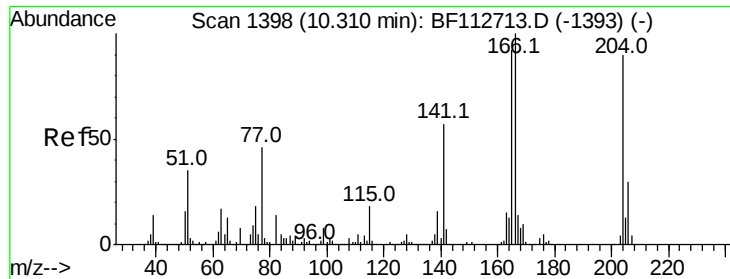
Abundance

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

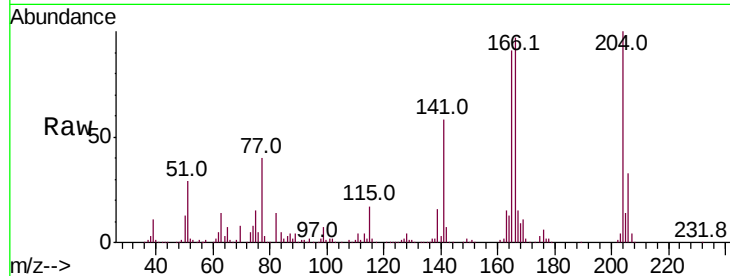




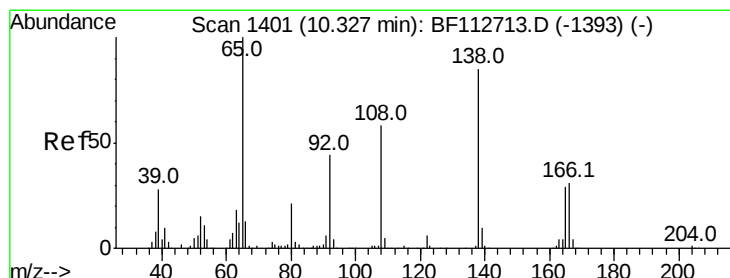
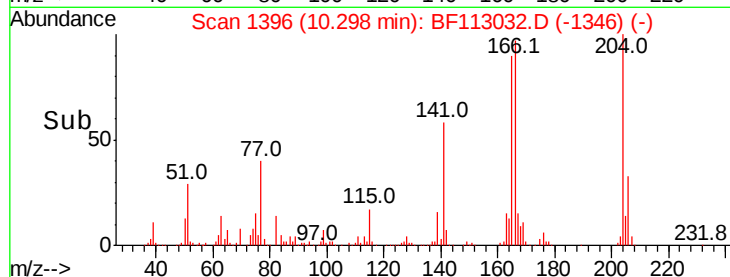
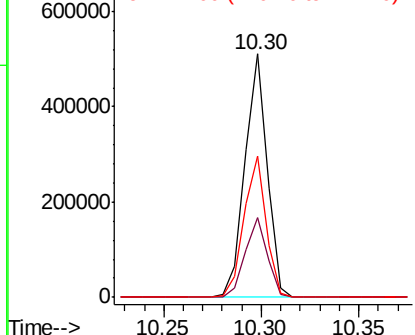
#61
4-Chlorophenyl-phenylether
Concen: 41.991 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 403082
Ion Ratio Lower Upper
204 100
206 33.0 26.6 40.0
141 57.8 50.8 76.2

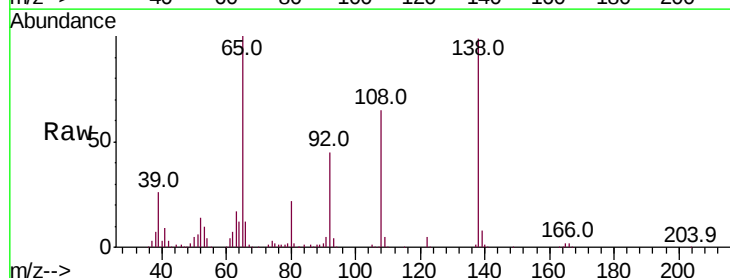


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

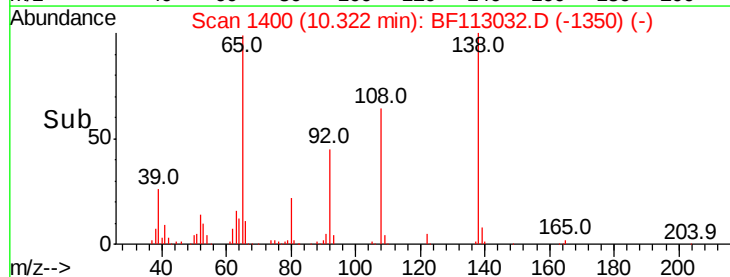
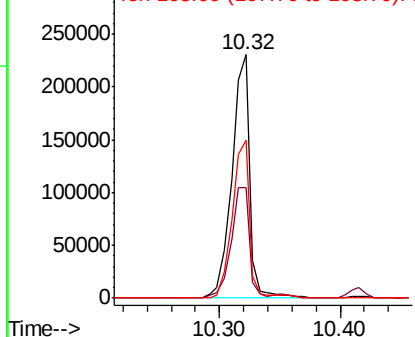


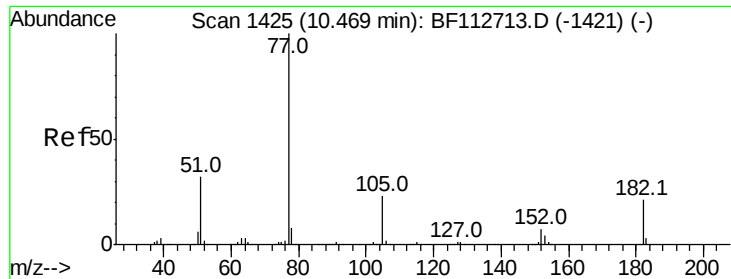
#62
4-Nitroaniline
Concen: 43.437 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:138 Resp: 237548
Ion Ratio Lower Upper
138 100
92 45.4 31.3 71.3
108 64.8 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

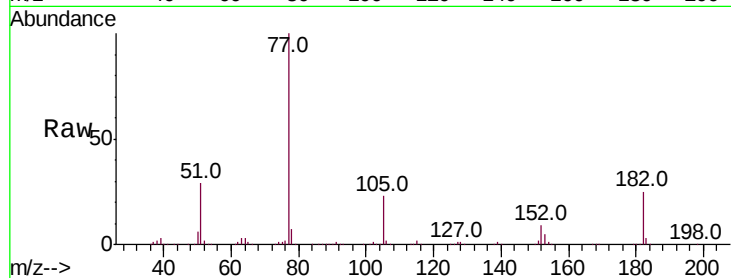




#63
Azobenzene
Concen: 34.604 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.9	1.4	41.4	
105	22.7	2.6	42.6	
51	29.2	12.0	52.0	



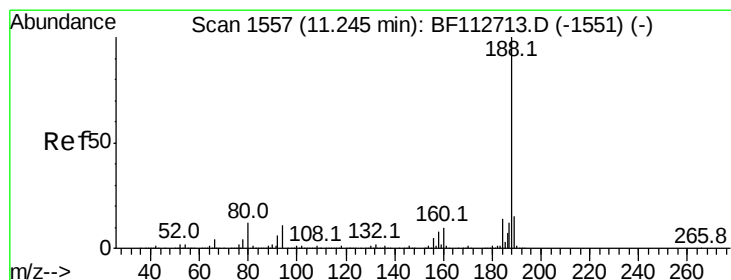
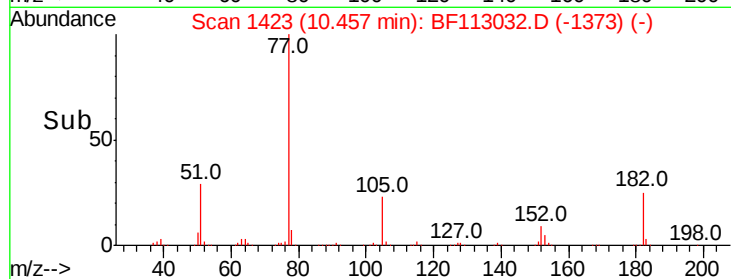
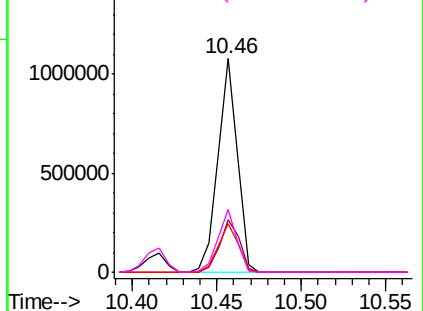
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

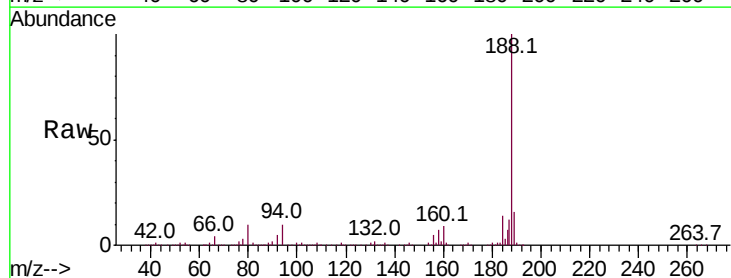
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.9	9.0	13.4	
80	10.2	9.2	13.8	

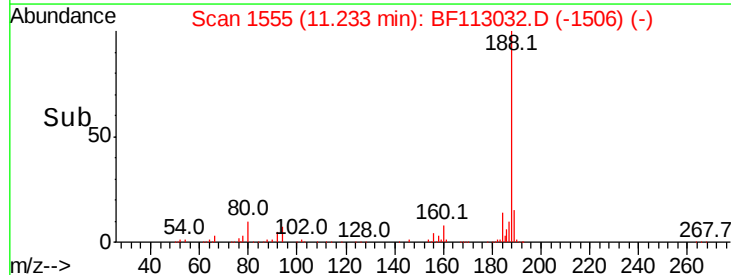
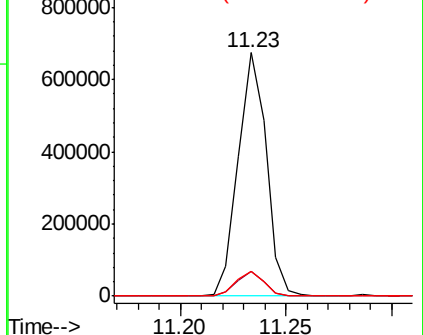


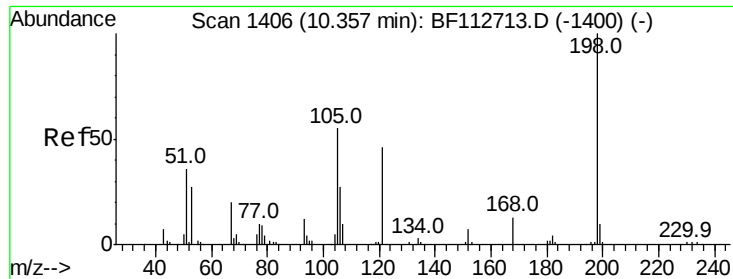
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 51.837 ng

RT: 10.36 min Scan# 1406

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

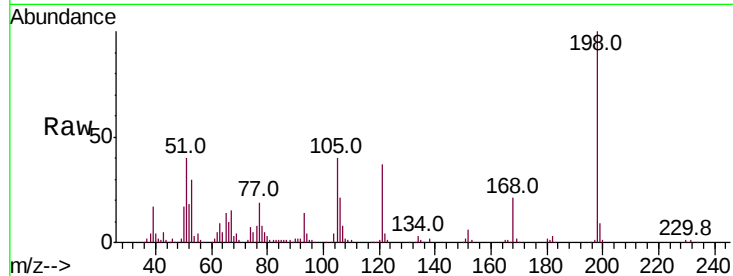
Tot Ion:198 Resp: 134516

Ion Ratio Lower Upper

198 100

51 40.3 43.8 83.8#

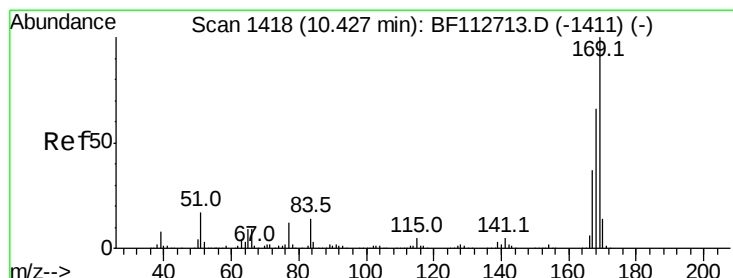
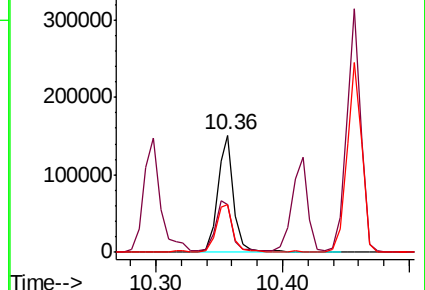
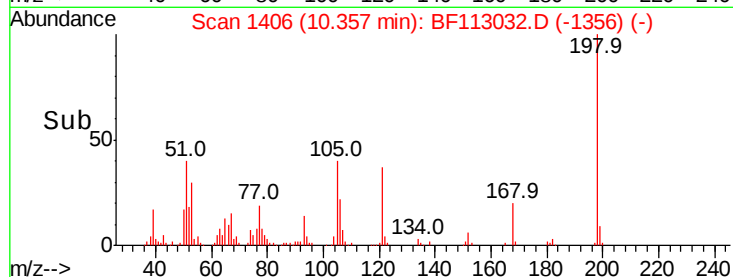
105 40.2 36.5 76.5



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: 37.709 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

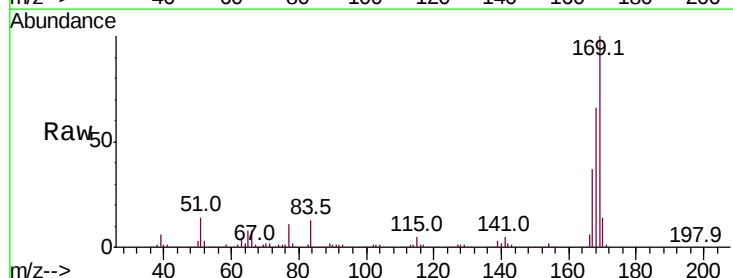
Tgt Ion:169 Resp: 757801

Ion Ratio Lower Upper

169 100

168 66.4 53.0 79.6

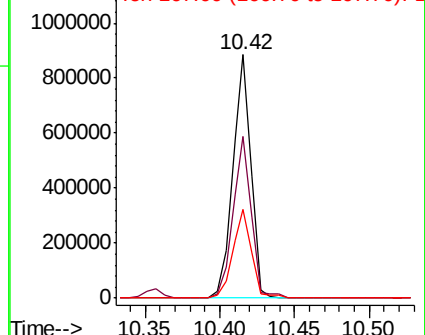
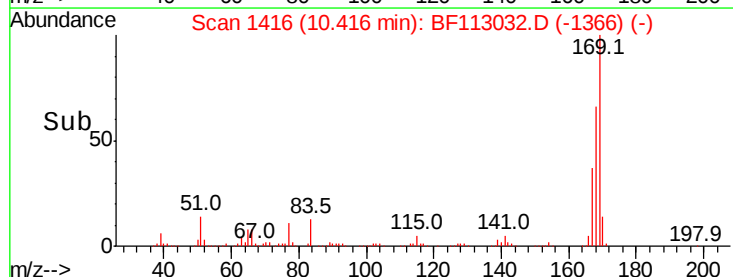
167 36.7 29.3 43.9

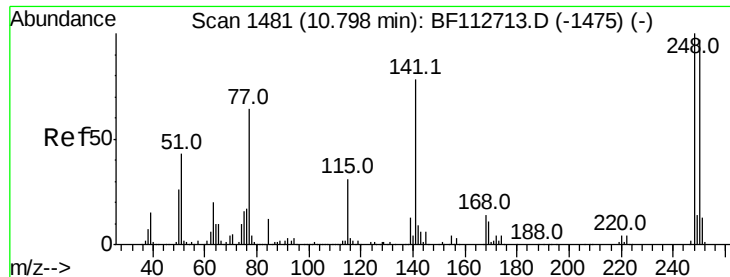


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

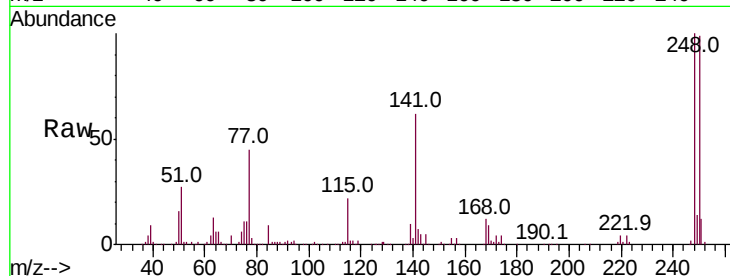




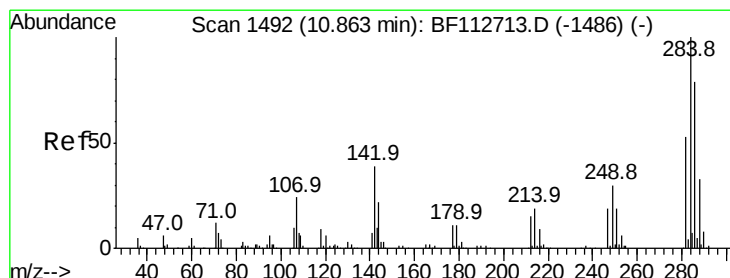
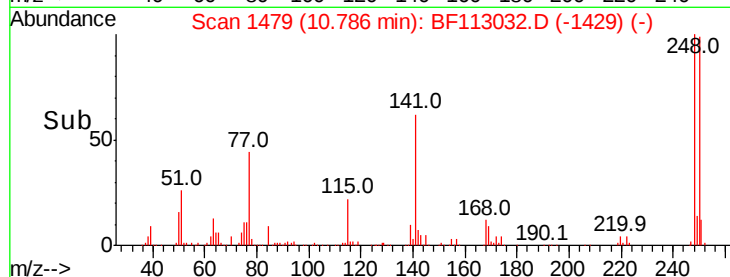
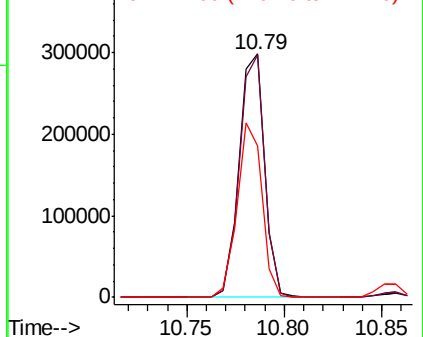
#67
4-Bromophenyl-phenylether
Concen: 41.002 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 270620
Ion Ratio Lower Upper
248 100
250 99.4 77.5 116.3
141 62.0 62.4 93.6#

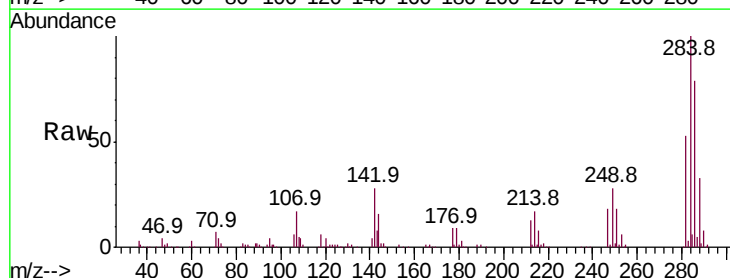


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

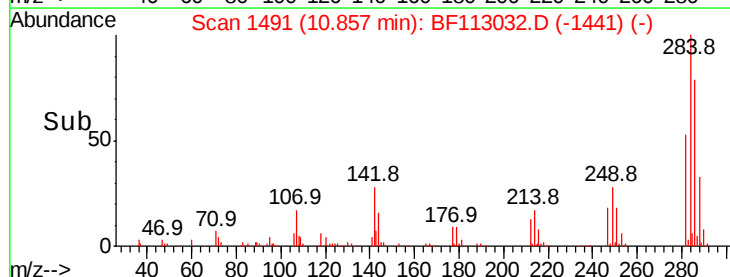
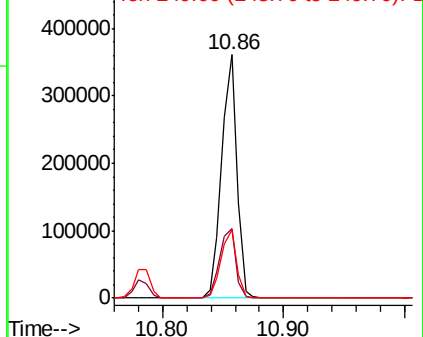


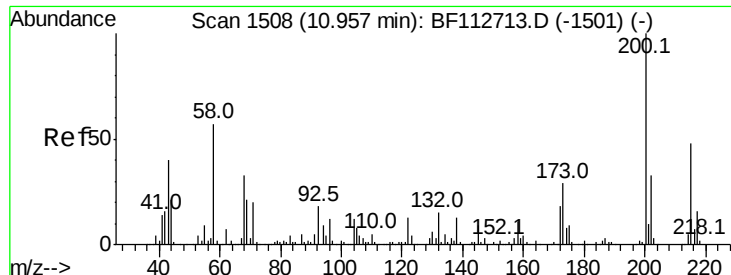
#68
Hexachlorobenzene
Concen: 42.366 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:284 Resp: 315208
Ion Ratio Lower Upper
284 100
142 28.3 31.0 46.6#
249 28.2 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

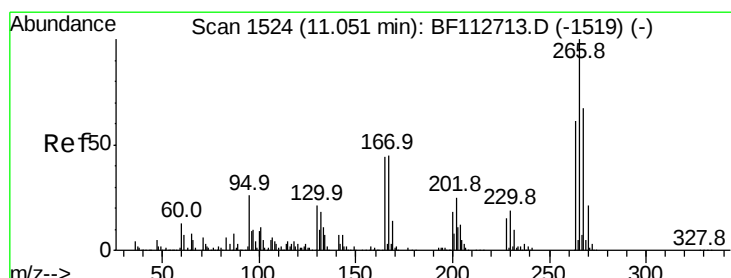
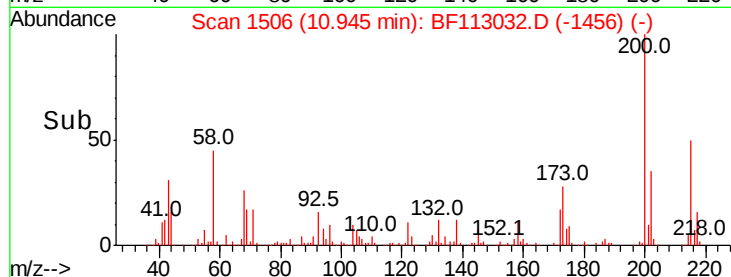
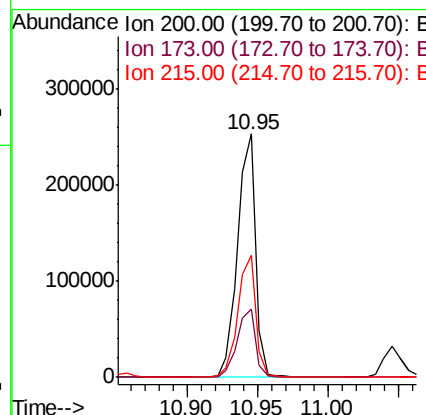
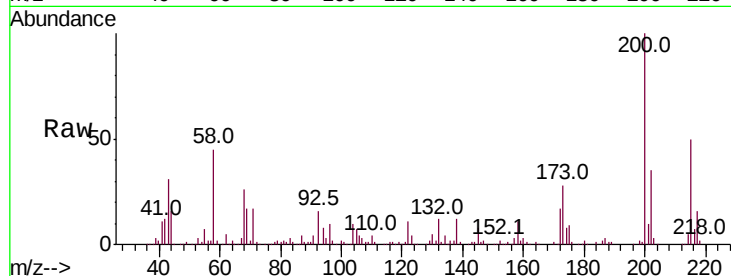




#69
 Atrazine
 Concen: 36.661 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

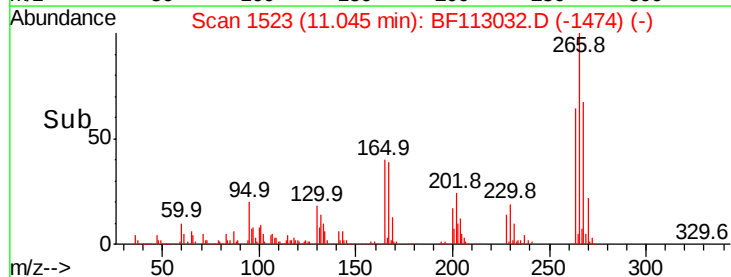
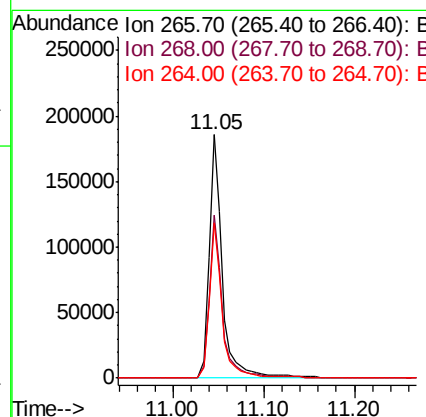
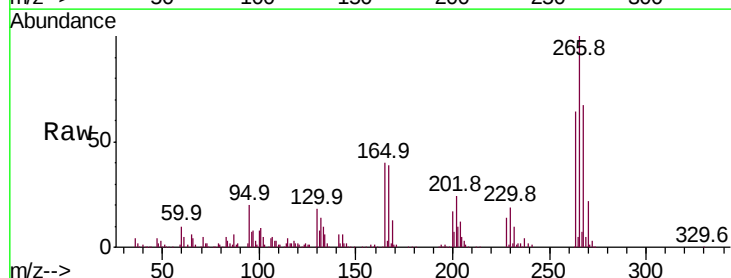
Instrument :
 BNA_F
 ClientSampleId :

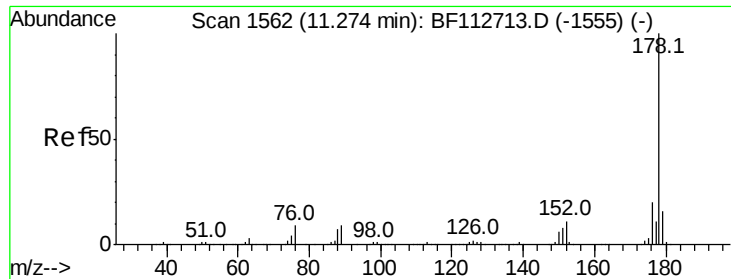
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	9.1	49.1
215	49.9	28.2	68.2



#70
 Pentachlorophenol
 Concen: 43.650 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF113032.D
 Acq: 13 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.9	53.3	79.9
264	63.6	48.9	73.3

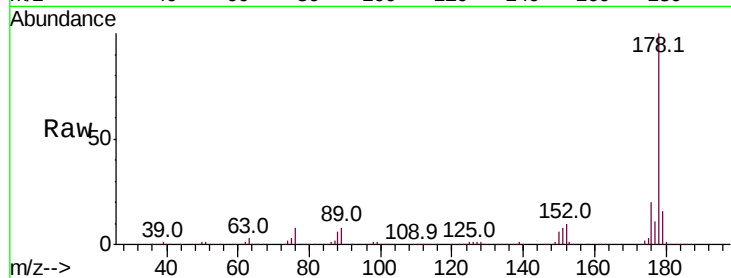




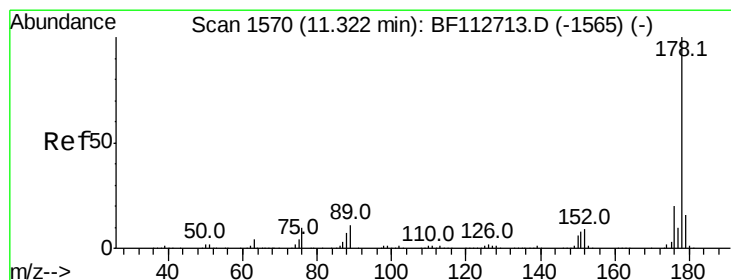
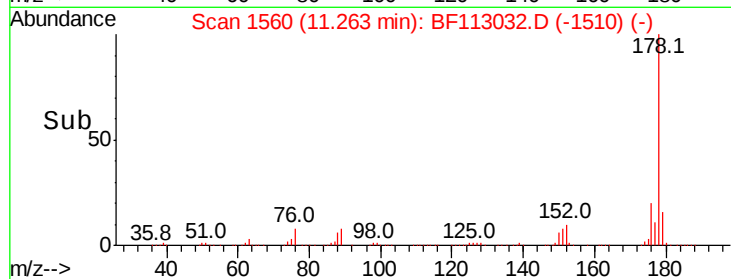
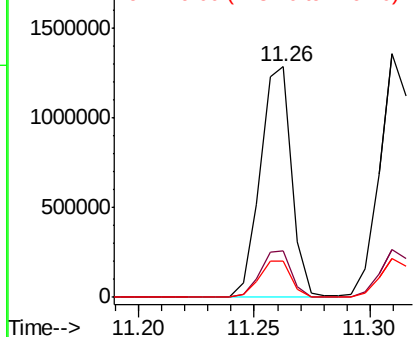
#71
Phenanthrene
Concen: 39.266 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1224169
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.6 12.7 19.1



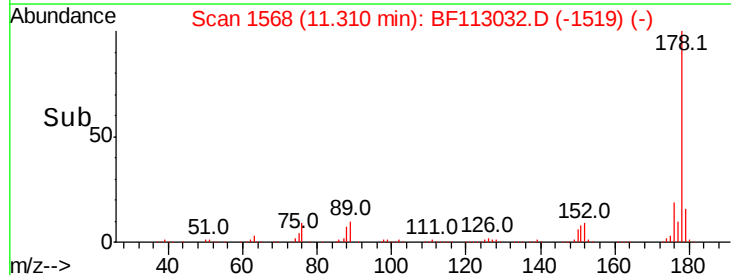
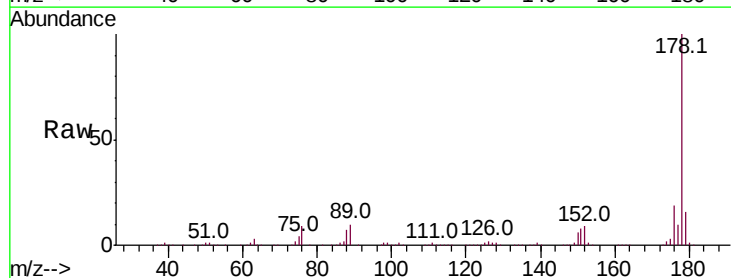
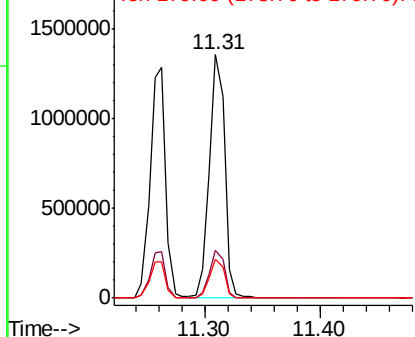
Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

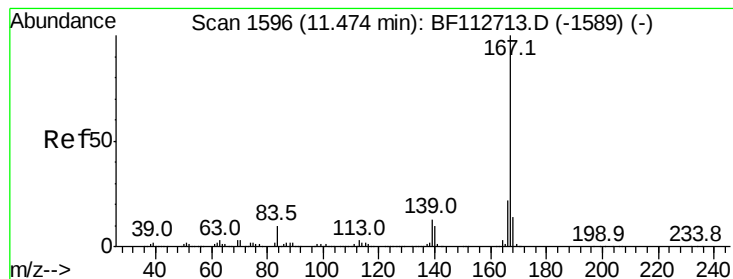


#72
Anthracene
Concen: 38.353 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:178 Resp: 1251647
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 16.0 13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 37.481 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

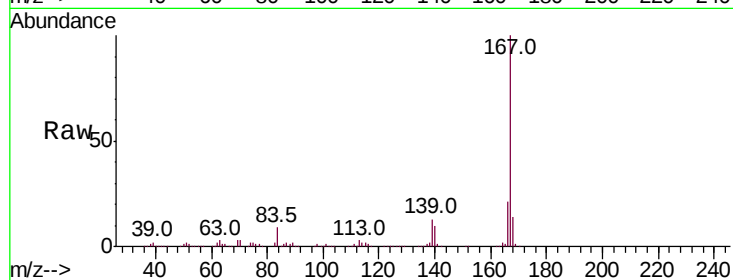
Tot Ion:167 Resp: 1193236

Ion Ratio Lower Upper

167 100

166 21.4 17.5 26.3

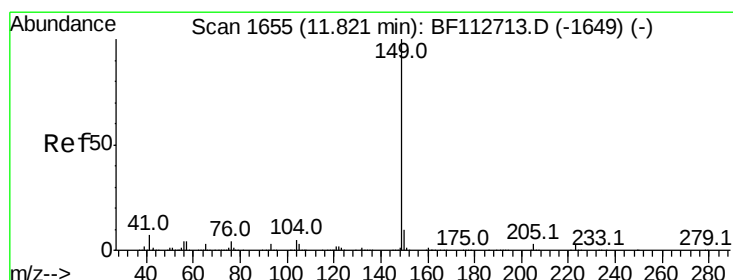
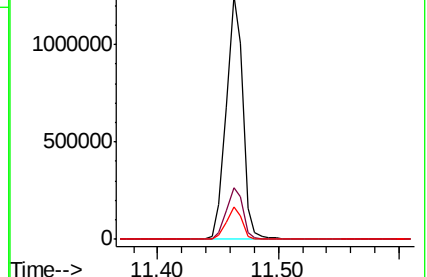
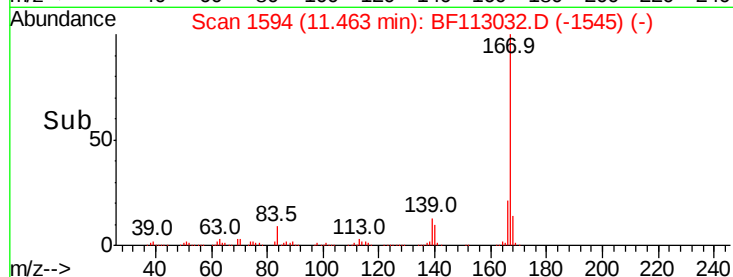
139 13.3 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.349 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

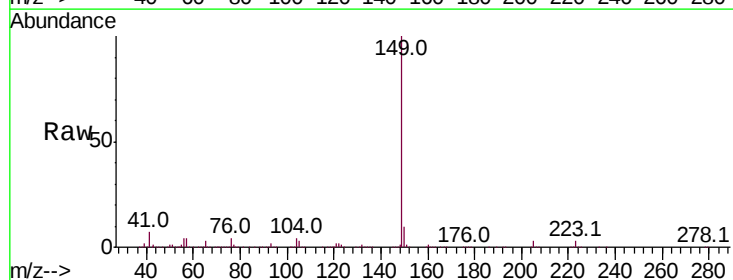
Tgt Ion:149 Resp: 1463898

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

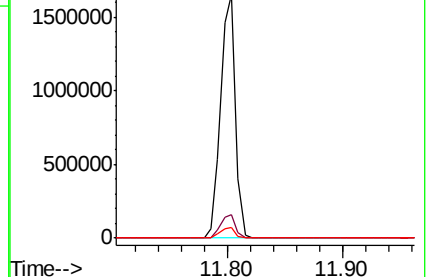
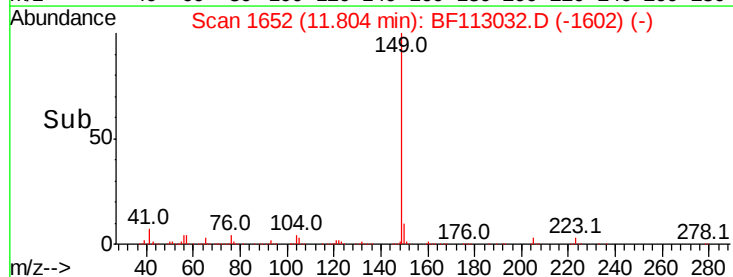
104 4.4 3.7 5.5

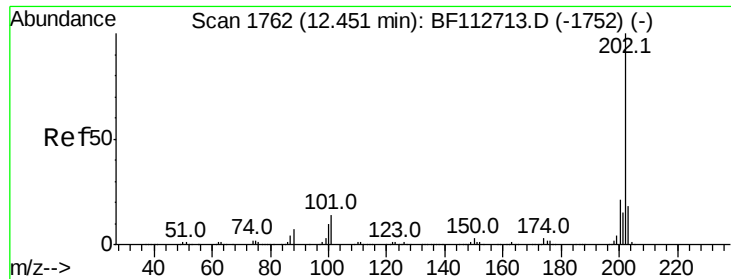


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.206 ng

RT: 12.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

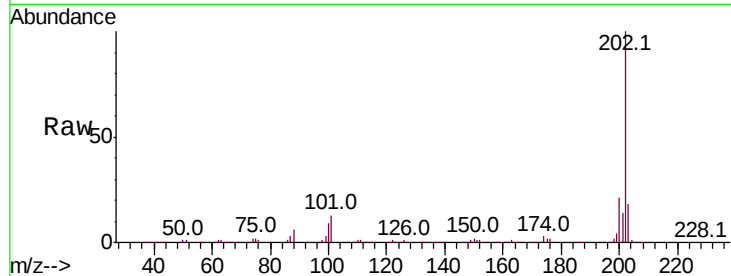
Tot Ion:202 Resp: 1309550

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.8

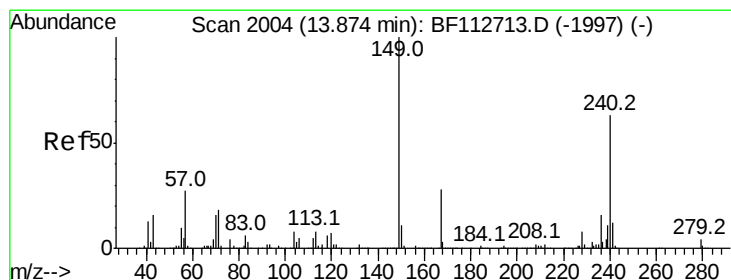
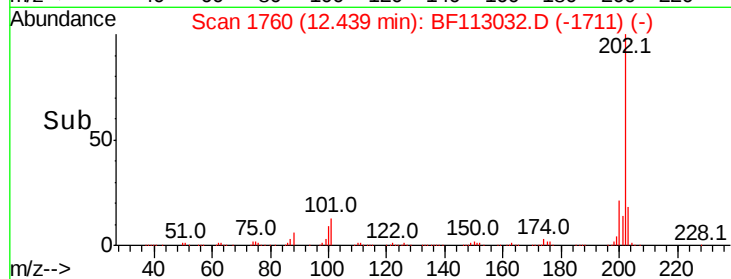
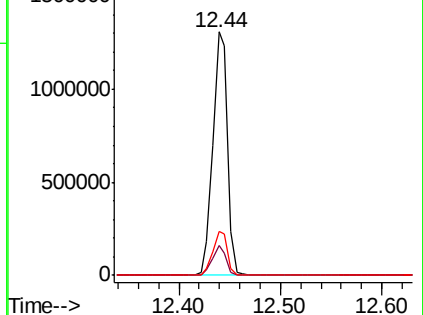
203 18.3 0.0 38.4



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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

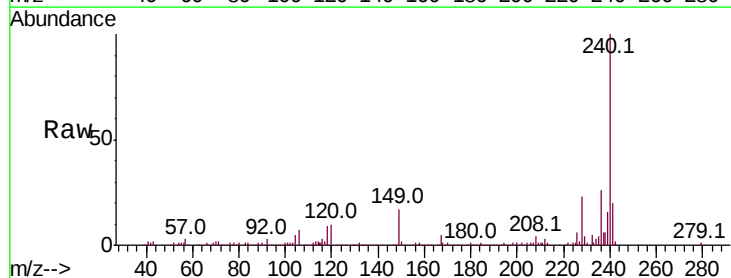
Tgt Ion:240 Resp: 435379

Ion Ratio Lower Upper

240 100

120 10.4 8.9 13.3

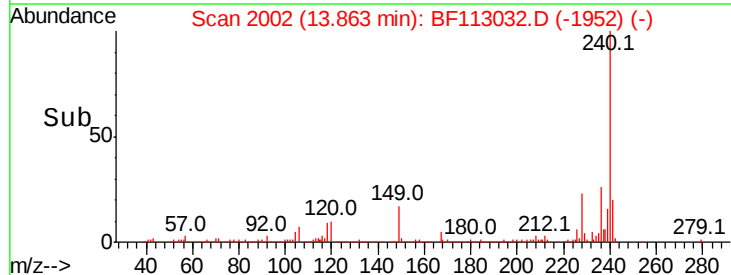
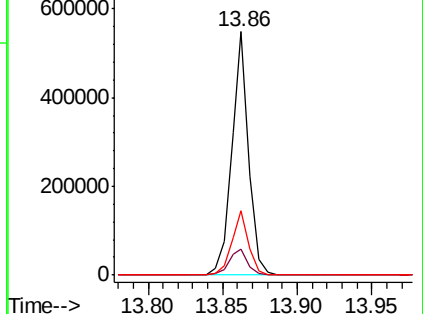
236 26.5 20.7 31.1

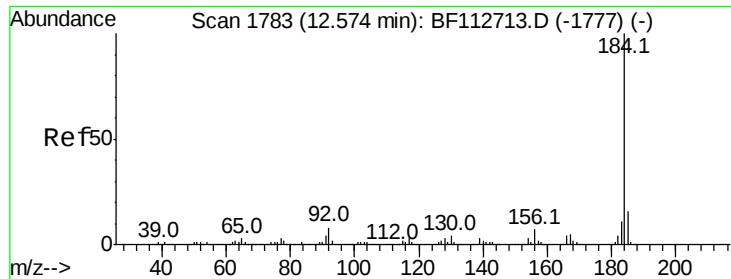


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 28.917 ng

RT: 12.56 min Scan# 1781

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

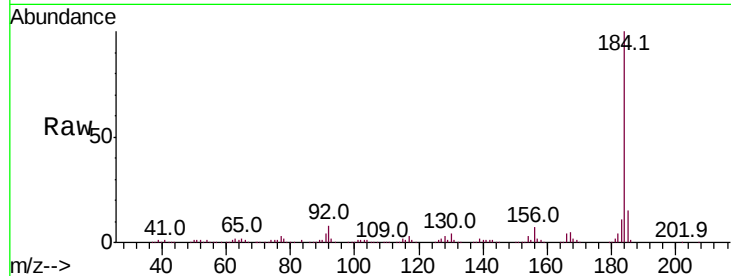
Tot Ion:184 Resp: 653178

Ion Ratio Lower Upper

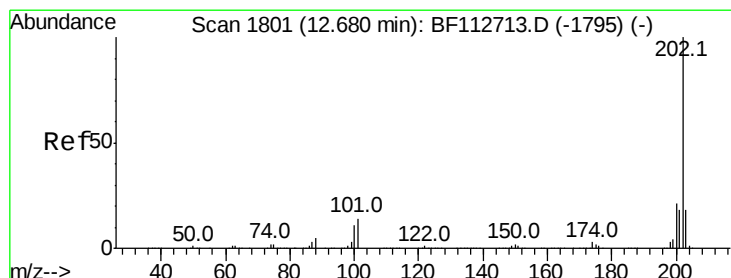
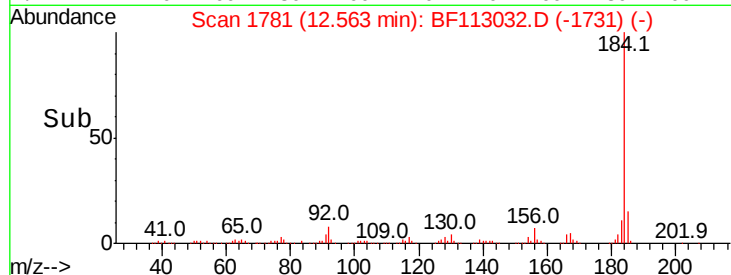
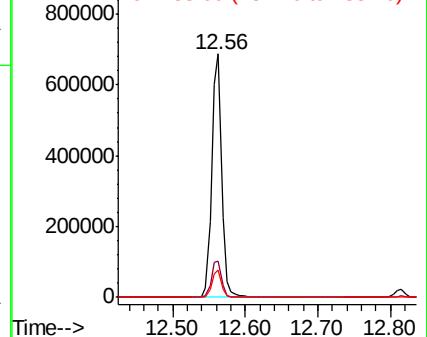
184 100

185 15.1 12.6 18.8

183 11.0 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: 36.261 ng

RT: 12.67 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

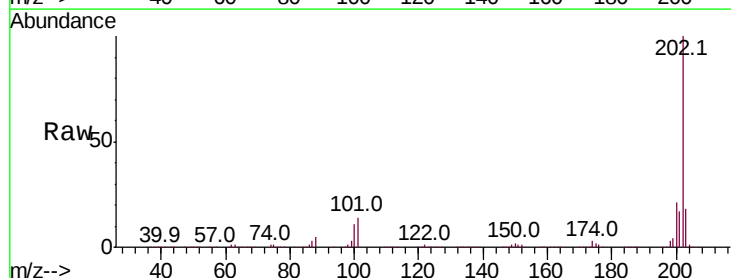
Tgt Ion:202 Resp: 1330897

Ion Ratio Lower Upper

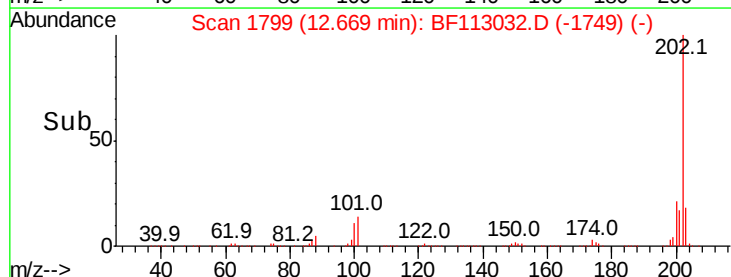
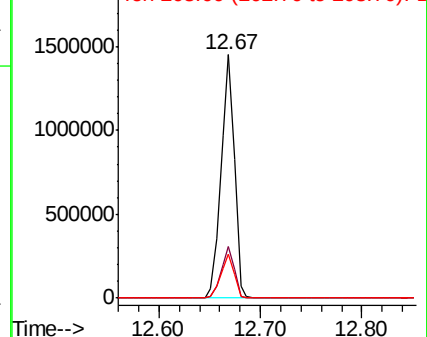
202 100

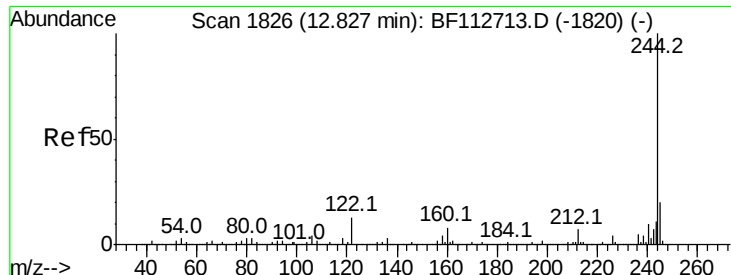
200 21.2 17.0 25.4

203 18.2 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: 74.653 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

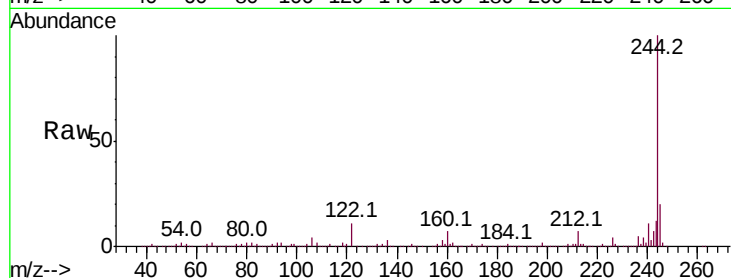
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1676687

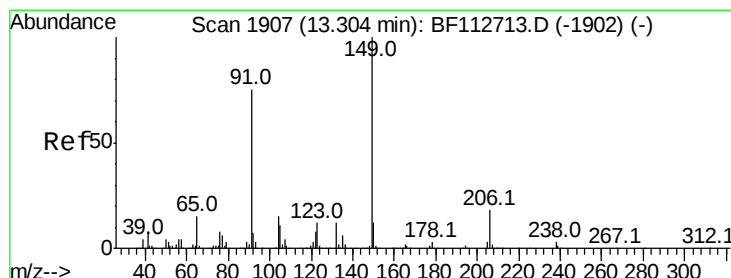
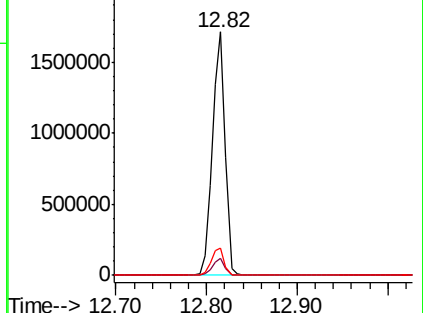
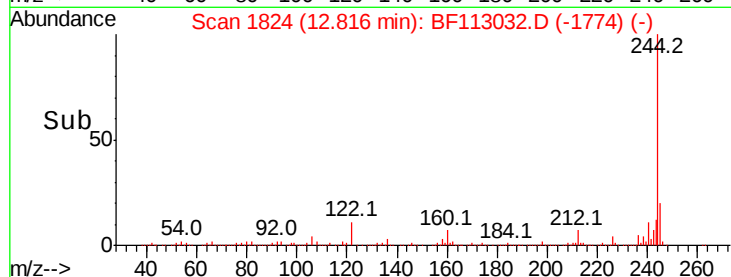
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	11.4	10.5	15.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.208 ng

RT: 13.29 min Scan# 1904

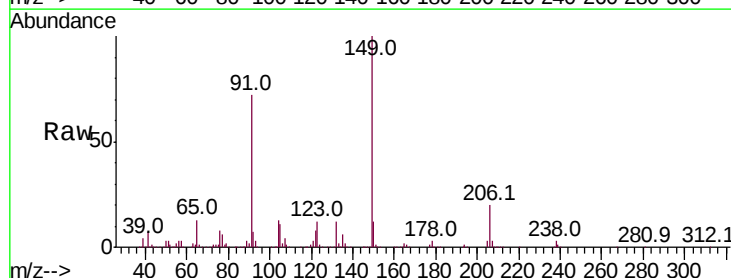
Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Tgt Ion:149 Resp: 602807

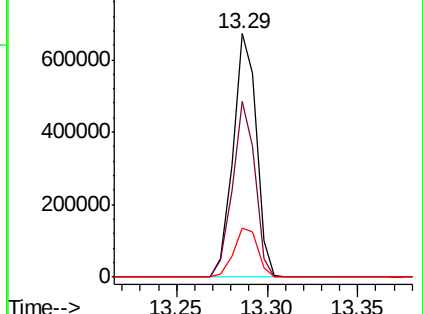
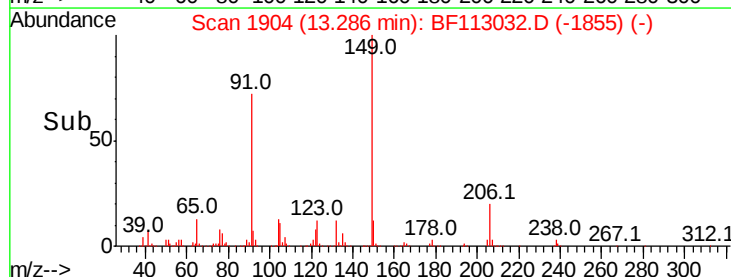
Ion	Ratio	Lower	Upper
149	100		
91	72.0	59.9	89.9
206	20.0	14.7	22.1

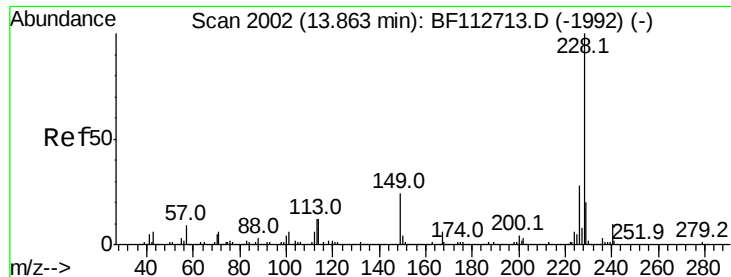


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.190 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

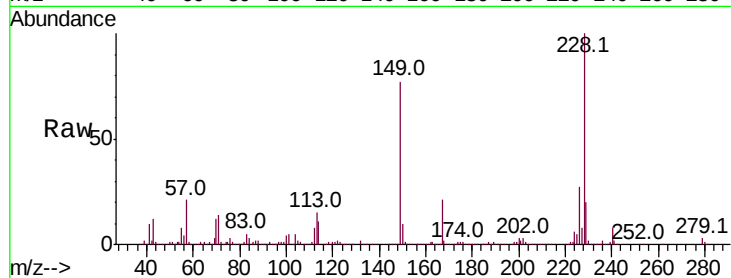
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 1031668

Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.2	33.4
229	19.8	16.0	24.0

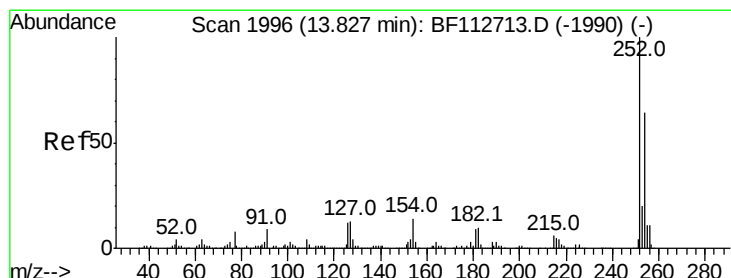
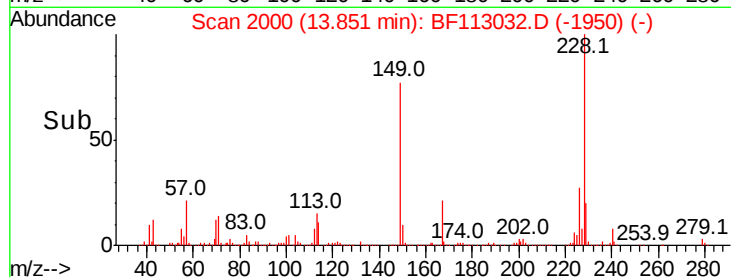
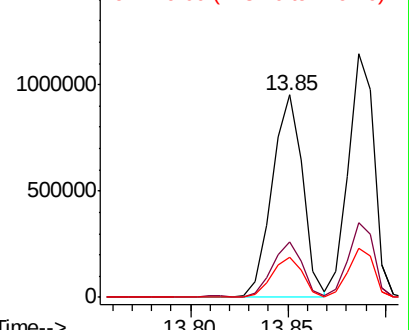


Abundance

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: 37.853 ng

RT: 13.82 min Scan# 1994

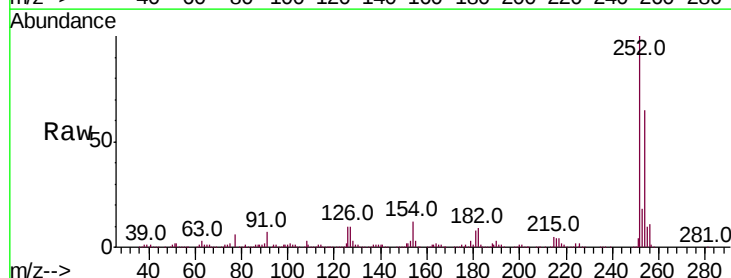
Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Tgt Ion:252 Resp: 431990

Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.1	76.7
126	9.9	9.9	14.9

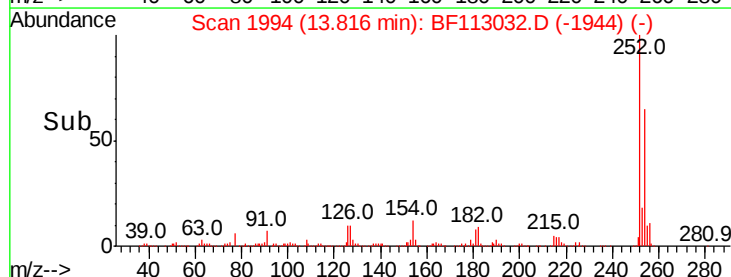
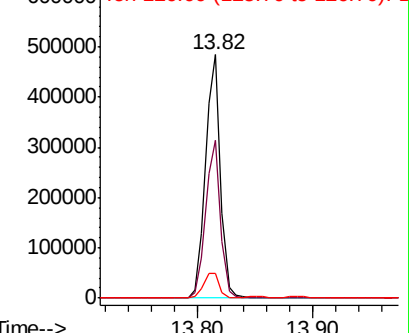


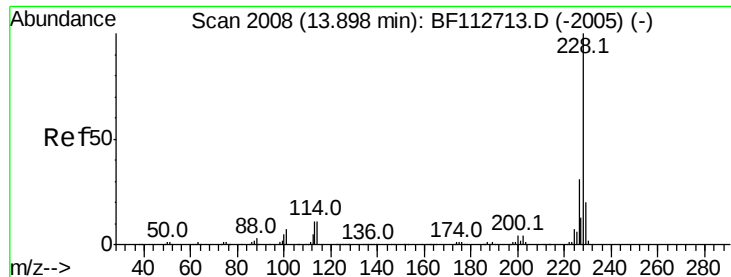
Abundance

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: 35.904 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

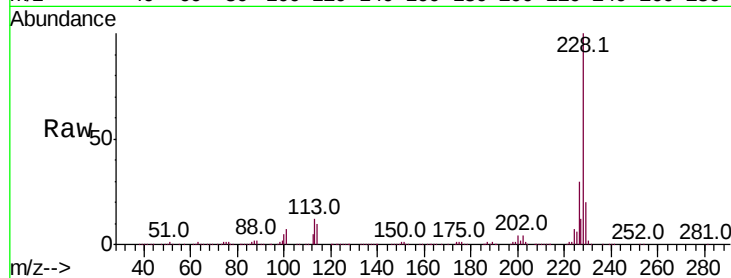
Tot Ion:228 Resp: 1061224

Ion Ratio Lower Upper

228 100

226 30.5 24.9 37.3

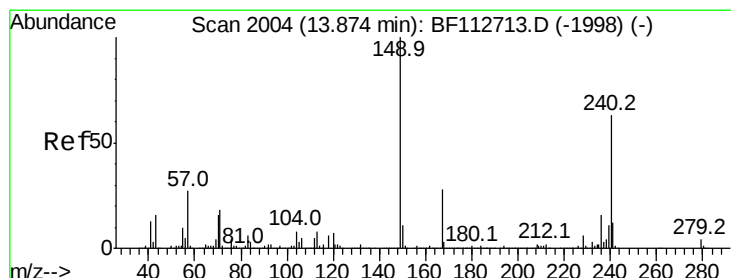
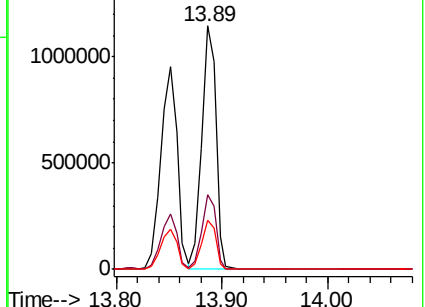
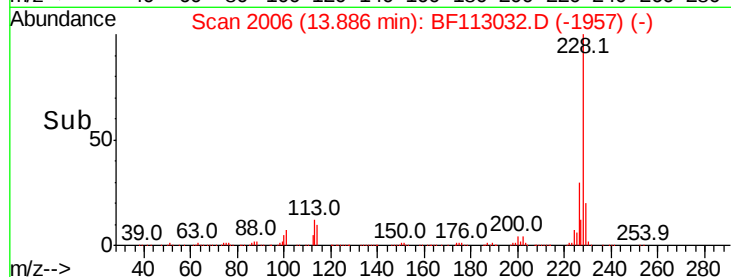
229 20.0 16.3 24.5



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.085 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

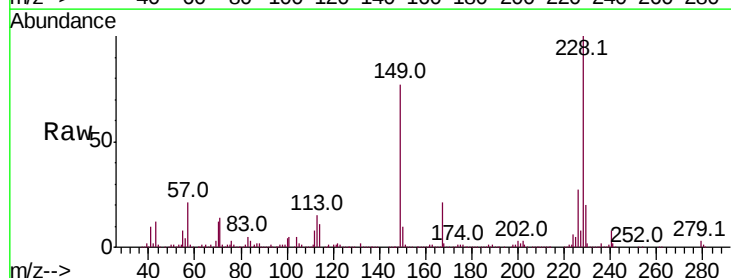
Tgt Ion:149 Resp: 666712

Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

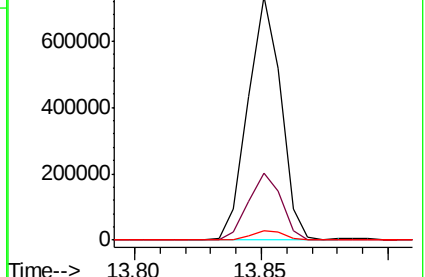
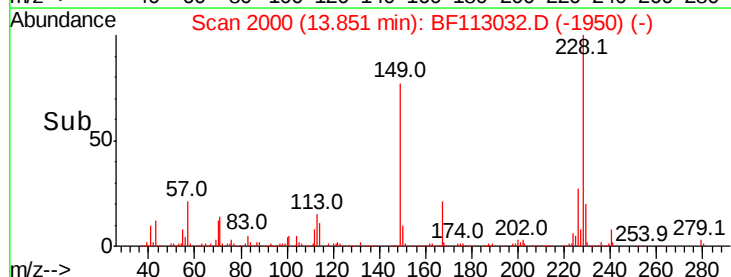
279 3.8 3.3 4.9

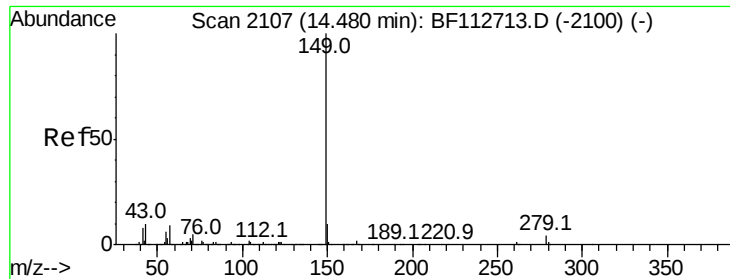


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

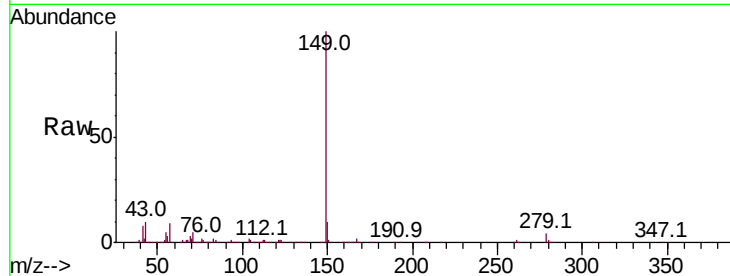




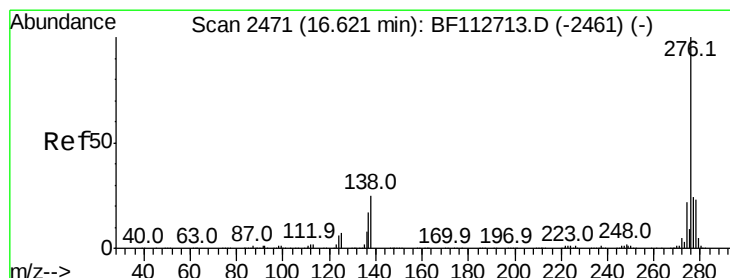
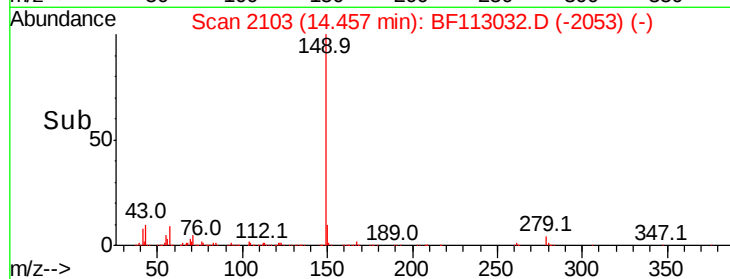
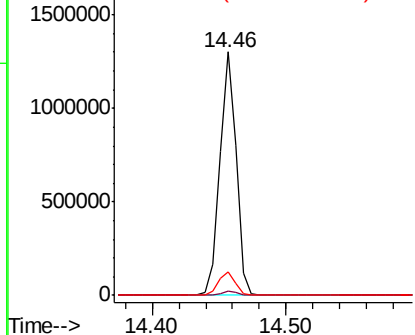
#85
Di-n-octyl phthalate
Concen: 34.681 ng
RT: 14.46 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1131674
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.8 9.0 13.4

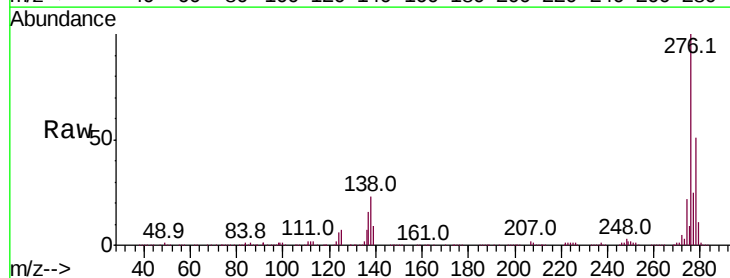


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

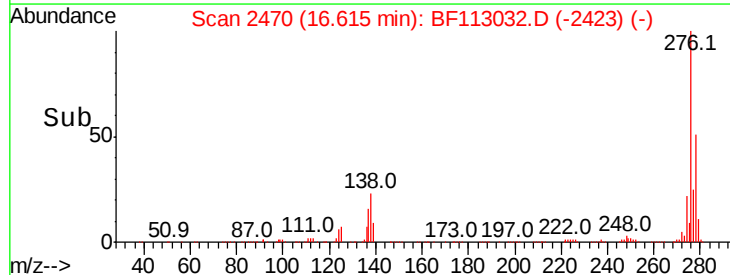
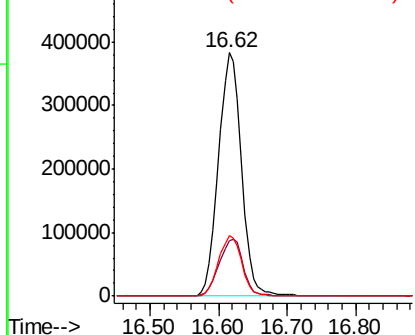


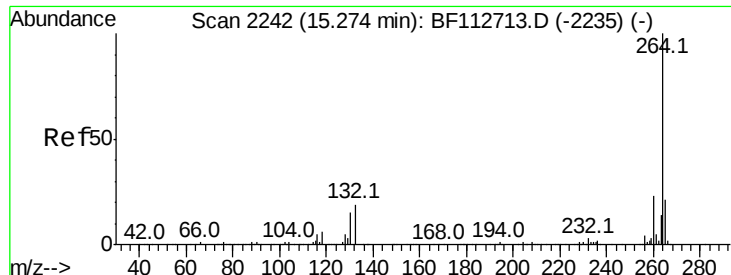
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.360 ng
RT: 16.62 min Scan# 2470
Delta R.T. -0.02 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion:276 Resp: 891020
Ion Ratio Lower Upper
276 100
138 24.5 23.2 34.8
277 25.1 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

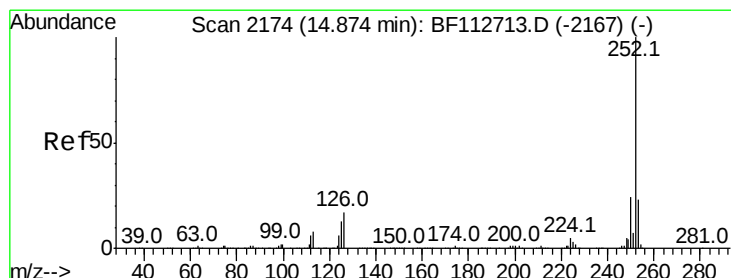
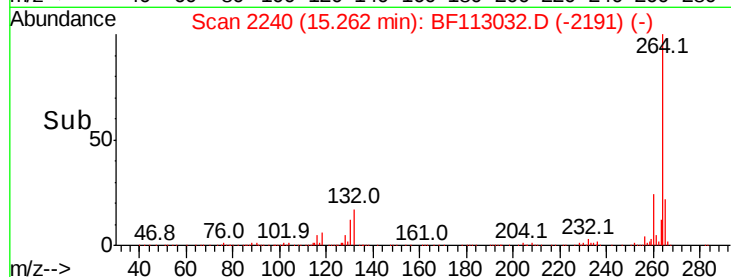
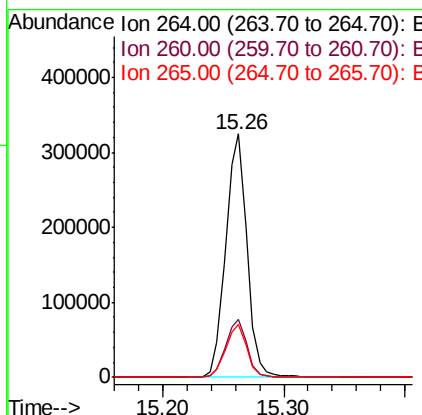
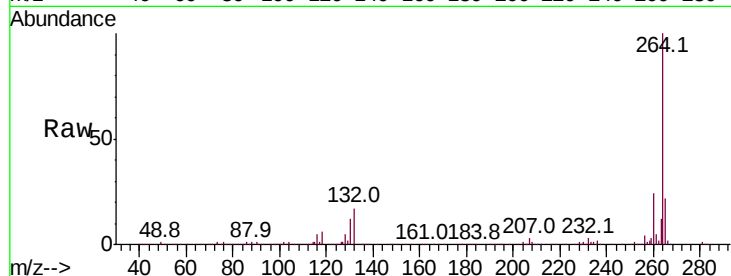




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.26 min Scan# 2240
Delta R.T. -0.01 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

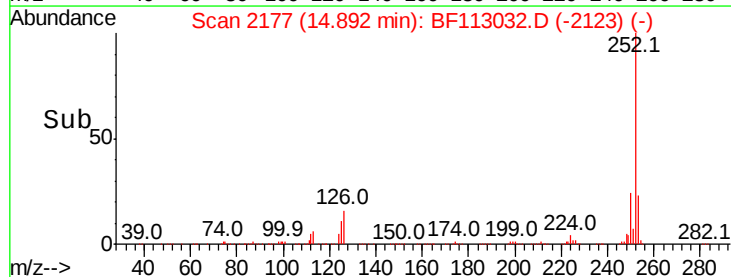
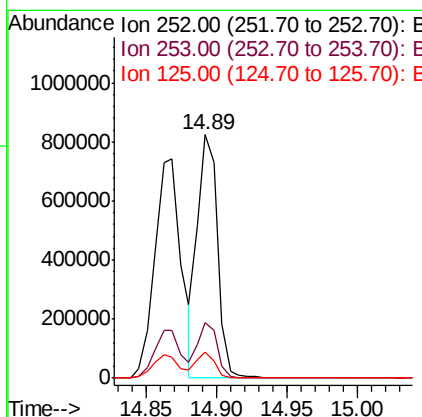
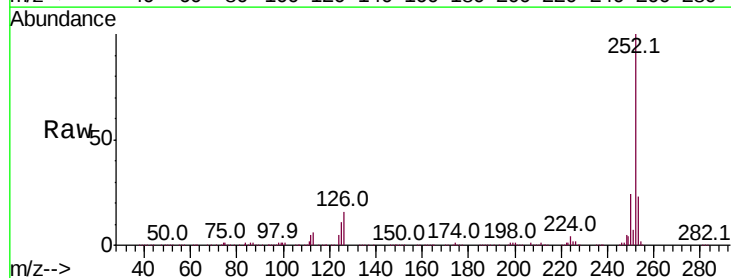
Instrument :
BNA_F
ClientSampleId :

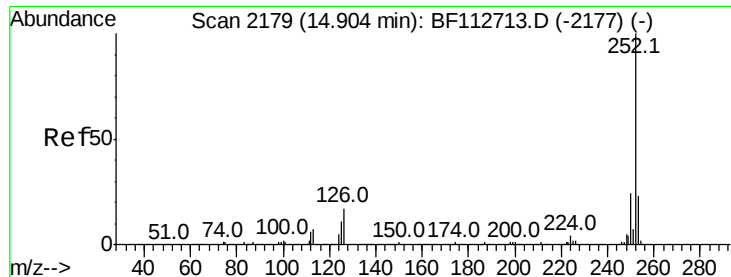
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.6	17.2	25.8



#88
Benzo(b)fluoranthene
Concen: 31.804 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.02 min
Lab File: BF113032.D
Acq: 13 Mar 2019 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.9	10.2	15.2





#89

Benzo(k)fluoranthene

Concen: 35.111 ng

RT: 14.89 min Scan# 2177

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

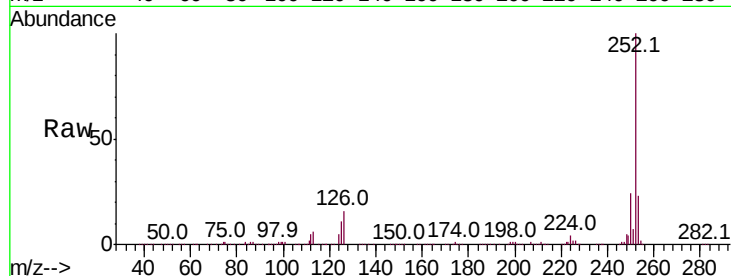
Tot Ion:252 Resp: 813738

Ion Ratio Lower Upper

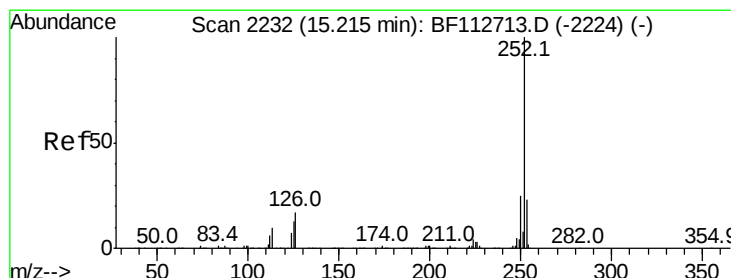
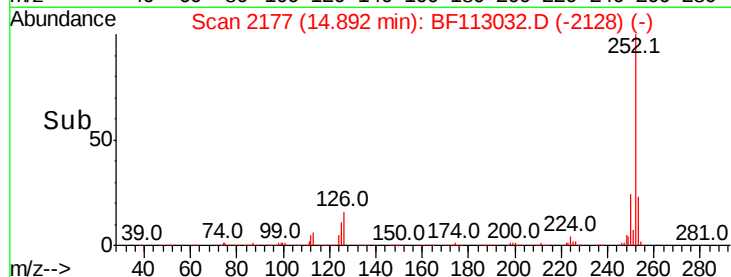
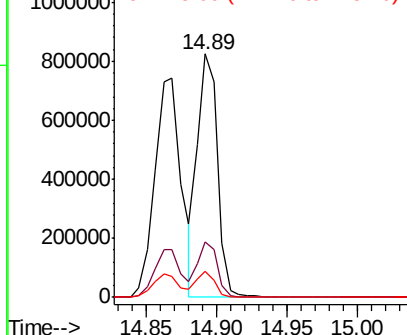
252 100

253 22.8 18.2 27.2

125 10.9 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: 38.030 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

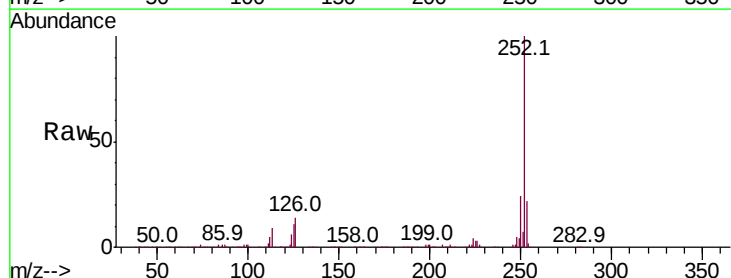
Tgt Ion:252 Resp: 860669

Ion Ratio Lower Upper

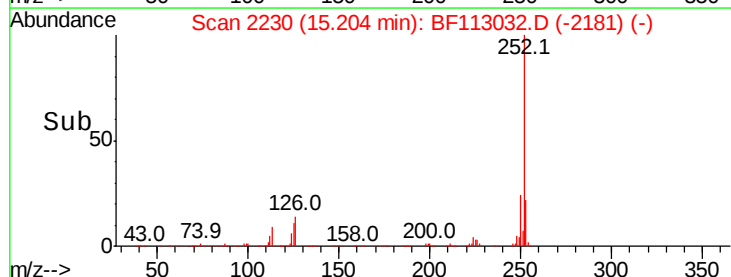
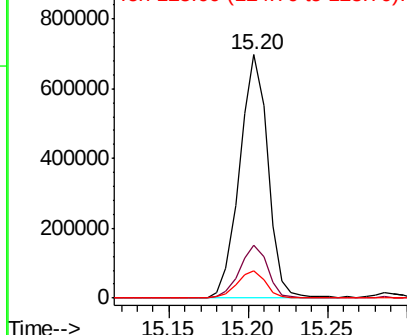
252 100

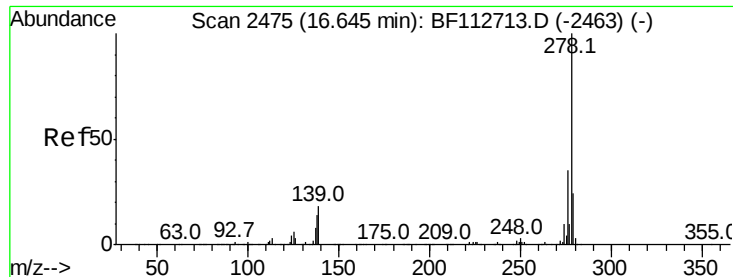
253 22.0 18.0 27.0

125 11.3 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: 37.982 ng

RT: 16.63 min Scan# 2473

Delta R.T. -0.02 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

Instrument :

BNA_F

ClientSampleId :

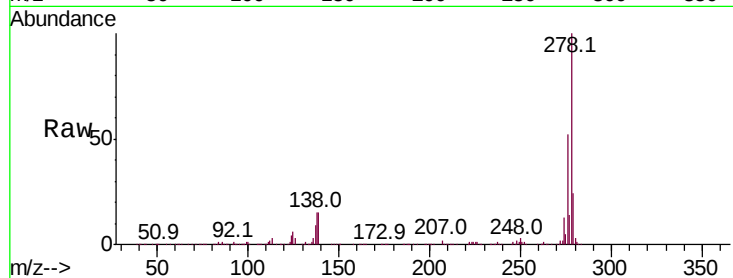
Tot Ion:278 Resp: 733510

Ion Ratio Lower Upper

278 100

139 15.2 14.3 21.5

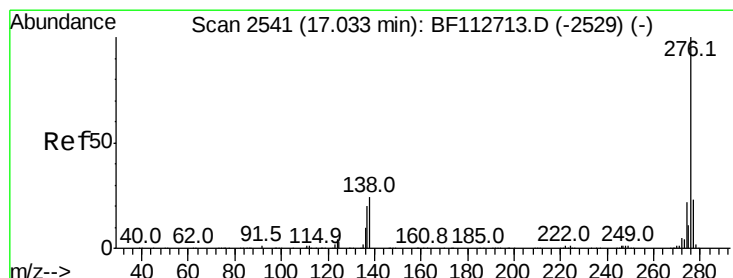
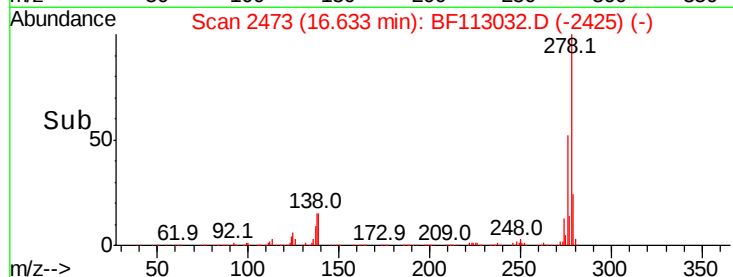
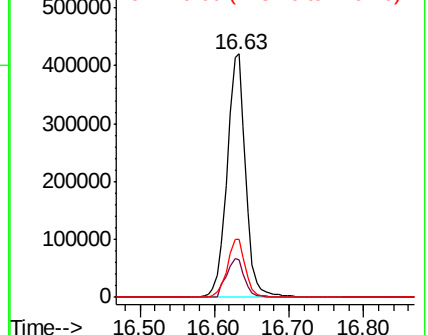
279 23.9 19.4 29.0



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: 34.651 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.02 min

Lab File: BF113032.D

Acq: 13 Mar 2019 16:54

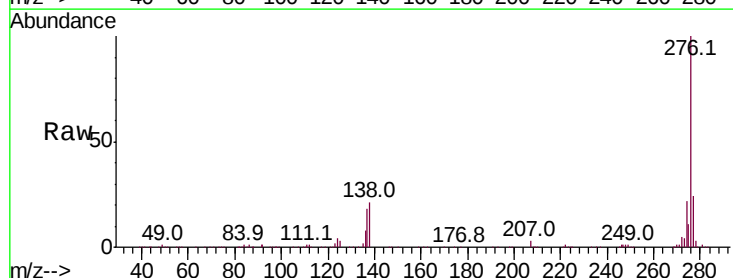
Tgt Ion:276 Resp: 671951

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 21.5 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

