

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113544.D
 Acq On : 3 Apr 2019 12:57
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 14:16:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 14:08:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	138282	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	546282	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	254969	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	502237	20.00	ng	0.00
76) Chrysene-d12	13.85	240	330677	20.00	ng	0.00
87) Perylene-d12	15.24	264	285422	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	813038	96.14	ng	0.00
7) Phenol-d6	6.34	99	997429	93.23	ng	0.00
23) Nitrobenzene-d5	7.26	82	914420	99.35	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	304778	96.77	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1618594	93.09	ng	0.00
79) Terphenyl-d14	12.79	244	1626796	108.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	194427	45.312	ng	98
3) Pyridine	3.03	79	538792	50.936	ng	98
4) n-Nitrosodimethylamine	2.98	42	217730	46.302	ng	100
6) Aniline	6.35	93	616599	47.327	ng	93
8) 2-Chlorophenol	6.47	128	470089	47.867	ng	98
9) Benzaldehyde	6.23	77	300834	41.904	ng	98
10) Phenol	6.35	94	564571	46.224	ng	100
11) bis(2-Chloroethyl)ether	6.43	93	444688	47.497	ng	98
12) 1,3-Dichlorobenzene	6.63	146	503022	47.517	ng	99
13) 1,4-Dichlorobenzene	6.70	146	508929	49.791	ng	99
14) 1,2-Dichlorobenzene	6.86	146	462553	45.999	ng	98
15) Benzyl Alcohol	6.84	79	347552	49.242	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	687219	48.861	ng	99
17) 2-Methylphenol	6.96	107	360169	46.797	ng	98
18) Hexachloroethane	7.20	117	186331	50.755	ng	91
19) n-Nitroso-di-n-propylamine	7.11	70	299533	44.572	ng	97
20) 3+4-Methylphenols	7.11	107	437035	45.342	ng	# 90
22) Acetophenone	7.10	105	580132	46.566	ng	# 96
24) Nitrobenzene	7.27	77	473809	49.333	ng	98
25) Isophorone	7.52	82	873087	48.949	ng	99
26) 2-Nitrophenol	7.59	139	259616	51.140	ng	92
27) 2,4-Dimethylphenol	7.64	122	361605	49.517	ng	98
28) bis(2-Chloroethoxy)methane	7.72	93	558350	49.709	ng	100
29) 2,4-Dichlorophenol	7.84	162	394953	49.907	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	417821	48.936	ng	99
31) Naphthalene	7.99	128	1296278	48.558	ng	99
32) Benzoic acid	7.80	122	284272	48.360	ng	99
33) 4-Chloroaniline	8.05	127	526739	50.600	ng	100
34) Hexachlorobutadiene	8.11	225	258242	50.889	ng	98
35) Caprolactam	8.43	113	123238	48.522	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	386509	48.558	ng	95
37) 2-Methylnaphthalene	8.69	142	850258	51.045	ng	99
38) 1-Methylnaphthalene	8.78	142	821330	51.263	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	415596	50.779	ng	99

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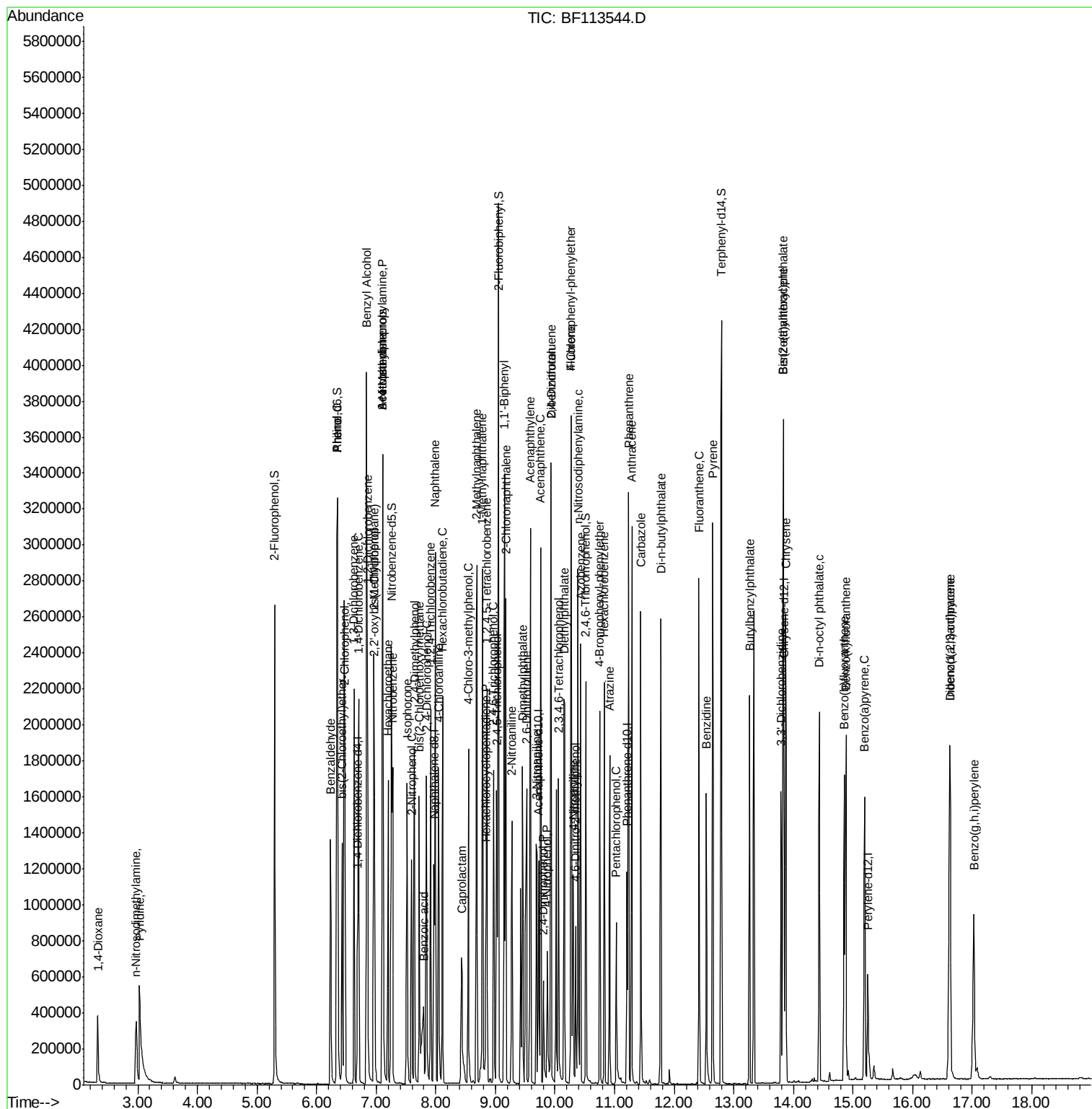
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 14:16:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	124156	35.839	ng	100
43) 2,4,6-Trichlorophenol	8.97	196	264119	49.556	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	281686	47.757	ng	97
46) 1,1'-Biphenyl	9.15	154	1044379	49.044	ng	99
47) 2-Chloronaphthalene	9.17	162	799506	48.762	ng	99
48) 2-Nitroaniline	9.27	65	245507	47.714	ng	97
49) Acenaphthylene	9.59	152	1295157	48.854	ng	99
50) Dimethylphthalate	9.46	163	931131	49.279	ng	100
51) 2,6-Dinitrotoluene	9.52	165	206176	48.367	ng	91
52) Acenaphthene	9.76	154	739453	49.529	ng	100
53) 3-Nitroaniline	9.69	138	236686	49.236	ng	92
54) 2,4-Dinitrophenol	9.80	184	95579	45.082	ng	96
55) Dibenzofuran	9.93	168	1062324	47.332	ng	100
56) 4-Nitrophenol	9.87	139	148031	43.193	ng	97
57) 2,4-Dinitrotoluene	9.93	165	251614	46.416	ng	99
58) Fluorene	10.27	166	848792	48.681	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	238180	47.752	ng	99
60) Diethylphthalate	10.16	149	890507	48.042	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	422788	49.752	ng	99
62) 4-Nitroaniline	10.30	138	241395	48.773	ng	98
63) Azobenzene	10.43	77	849523	48.687	ng	98
65) 4,6-Dinitro-2-methylphenol	10.35	198	131763	47.958	ng	88
66) n-Nitrosodiphenylamine	10.39	169	760276	49.332	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	278363	50.852	ng	98
68) Hexachlorobenzene	10.83	284	319238	50.243	ng	98
69) Atrazine	10.92	200	238530	49.036	ng	99
70) Pentachlorophenol	11.03	266	156221	47.191	ng	98
71) Phenanthrene	11.23	178	1215034	48.716	ng	99
72) Anthracene	11.29	178	1231676	48.618	ng	99
73) Carbazole	11.44	167	1162877	48.105	ng	100
74) Di-n-butylphthalate	11.77	149	1356247	48.381	ng	100
75) Fluoranthene	12.42	202	1282937	45.501	ng	99
77) Benzidine	12.54	184	634971	50.143	ng	98
78) Pyrene	12.65	202	1274195	55.606	ng	100
80) Butylbenzylphthalate	13.26	149	505865	50.092	ng	99
81) Benzo(a)anthracene	13.83	228	938824	49.598	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	362070	47.681	ng	100
83) Chrysene	13.87	228	958730	49.866	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	600285	48.488	ng	100
85) Di-n-octyl phthalate	14.43	149	968920	46.108	ng	99
86) Indeno(1,2,3-cd)pyrene	16.62	276	935427	56.691	ng	100
88) Benzo(b)fluoranthene	14.85	252	915727	51.647	ng	100
89) Benzo(k)fluoranthene	14.88	252	714980	45.919	ng	99
90) Benzo(a)pyrene	15.19	252	772504	49.146	ng	99
91) Dibenzo(a,h)anthracene	16.63	278	767304	56.456	ng	99
92) Benzo(g,h,i)perylene	17.03	276	795353	58.038	ng	99

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

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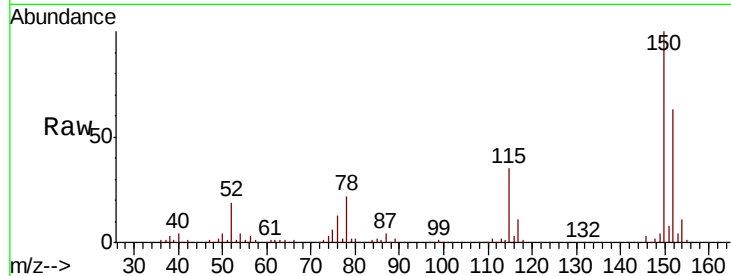


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.7	190.1
115	56.0	44.2	66.2

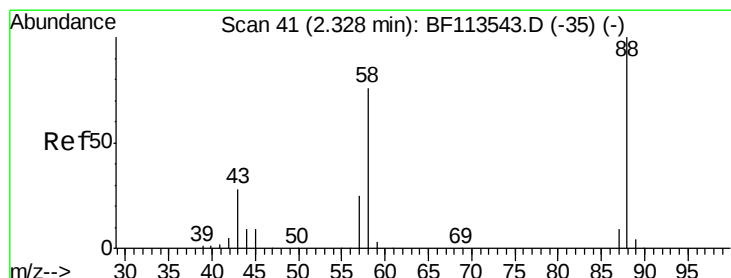
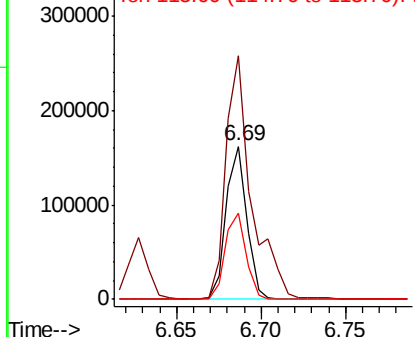
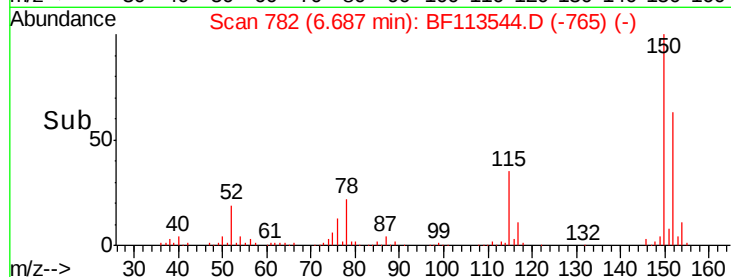


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

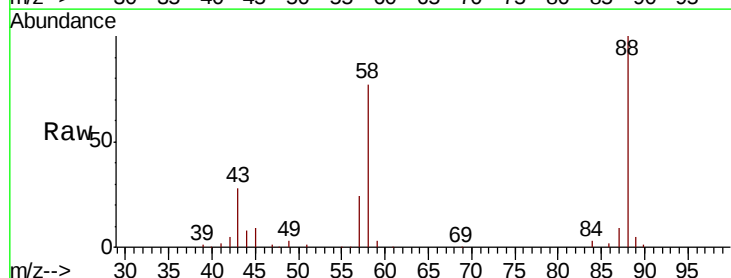
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 45.312 ng
RT: 2.33 min Scan# 41
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.7	62.9	94.3
43	29.0	23.4	35.0

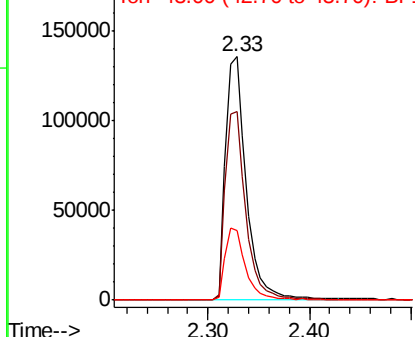
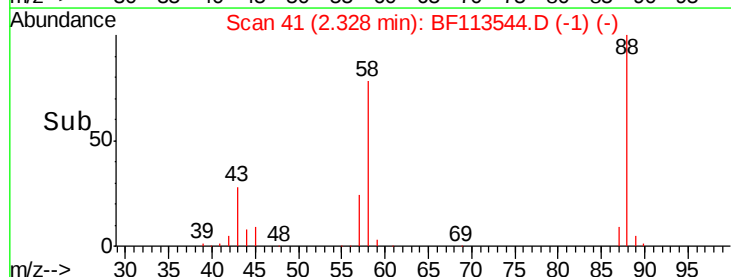


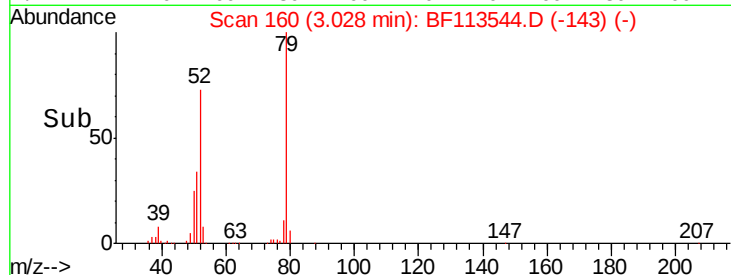
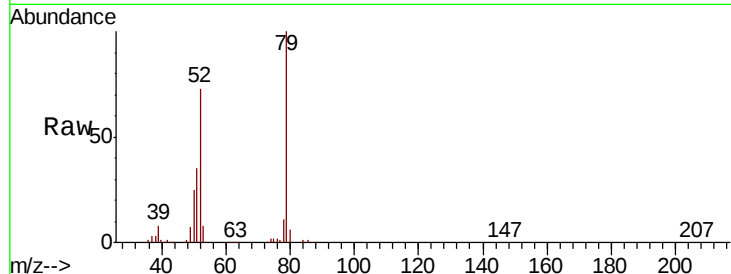
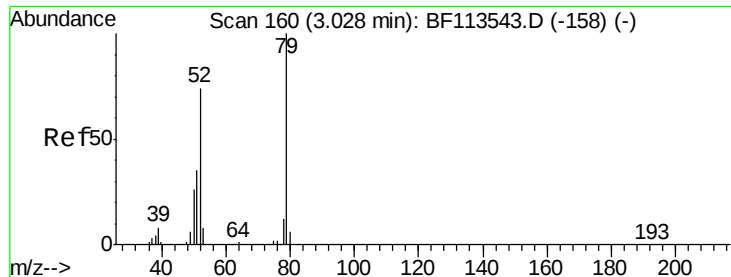
Abundance

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

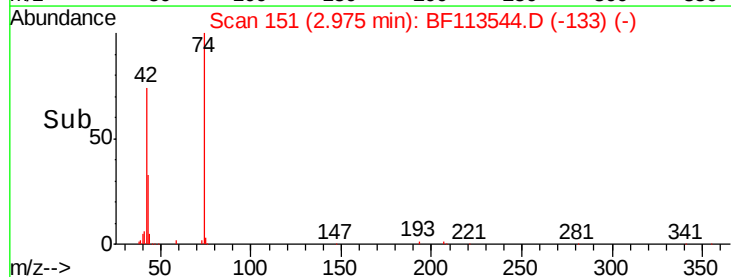
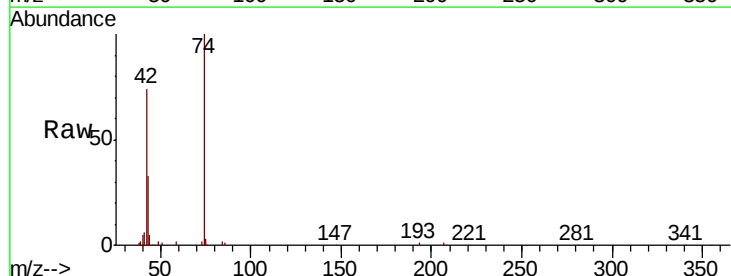
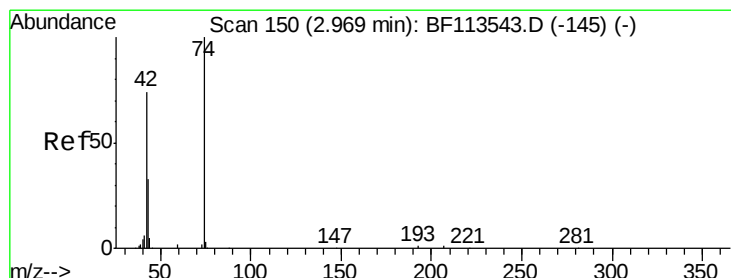
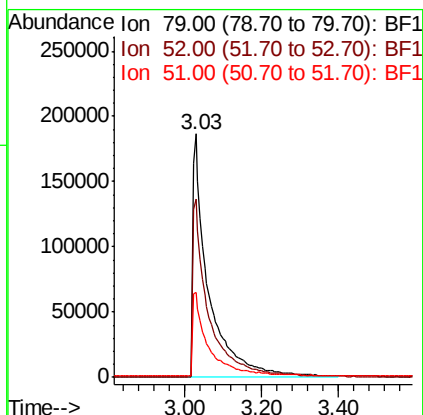




#3
 Pvridine
 Concen: 50.936 ng
 RT: 3.03 min Scan# 160
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

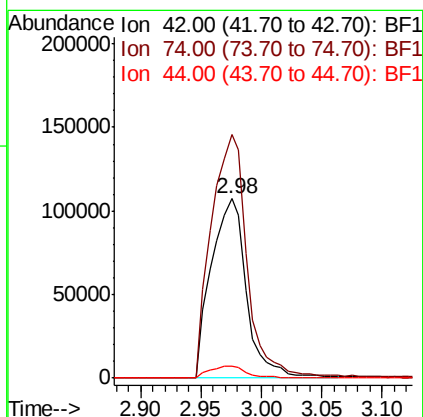
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 538792
 Ion Ratio Lower Upper
 79 100
 52 73.3 59.5 89.3
 51 34.8 28.8 43.2



#4
 n-Nitrosodimethylamine
 Concen: 46.302 ng
 RT: 2.98 min Scan# 151
 Delta R.T. 0.01 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion: 42 Resp: 217730
 Ion Ratio Lower Upper
 42 100
 74 135.7 108.6 162.8
 44 6.9 5.8 8.8





#5

2-Fluorophenol

Concen: 96.138 ng

RT: 5.30 min Scan# 546

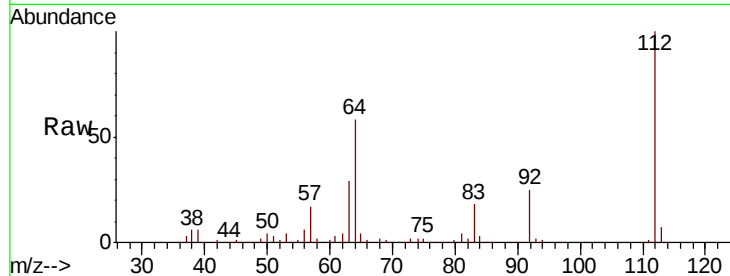
Delta R.T. 0.00 min

Lab File: BF113544.D

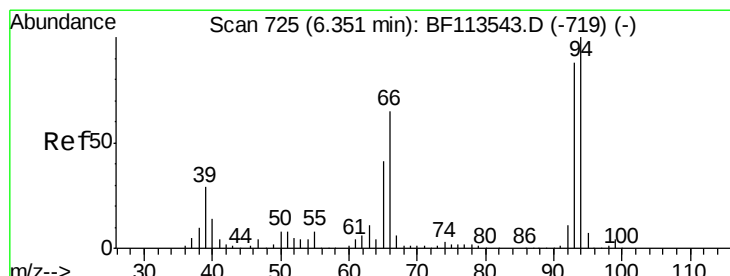
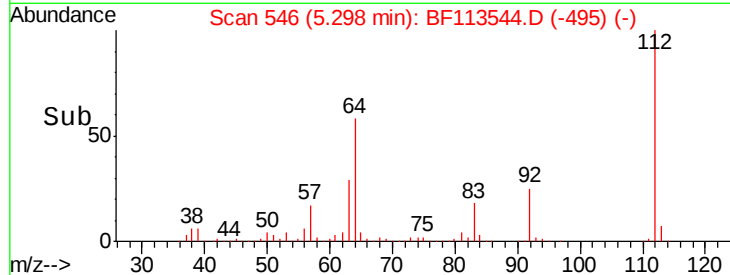
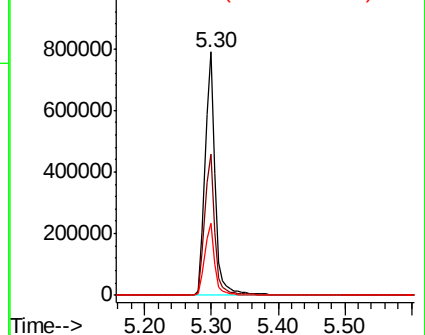
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	813038
Ion	Ratio	Lower	Upper
112	100		
64	58.0	45.8	68.6
63	29.5	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 47.327 ng

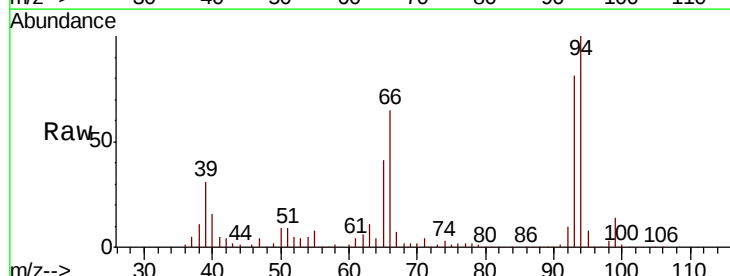
RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

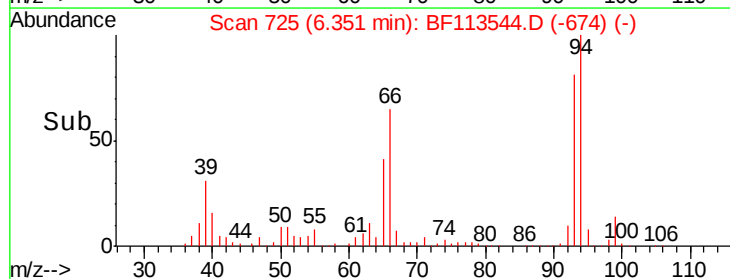
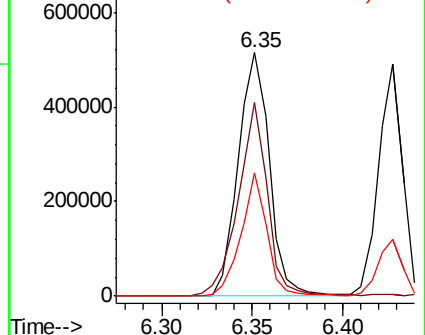
Lab File: BF113544.D

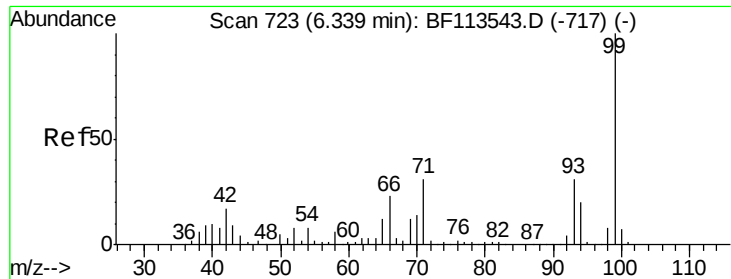
Acq: 3 Apr 2019 12:57

Tgt Ion:	93	Resp:	616599
Ion	Ratio	Lower	Upper
93	100		
66	79.8	59.0	88.4
65	50.6	37.4	56.0



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: 93.230 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampled :

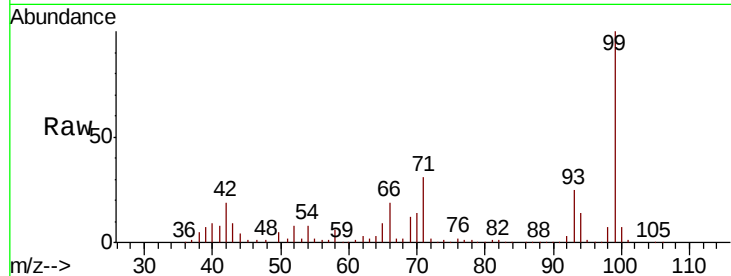
Tot Ion: 99 Resp: 997429

Ion Ratio Lower Upper

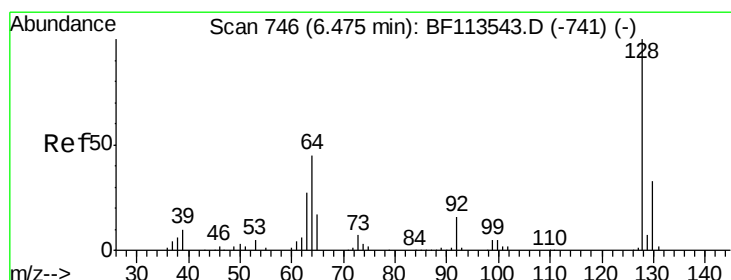
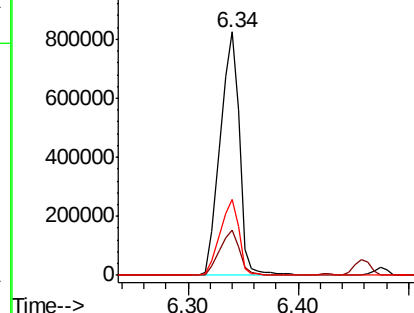
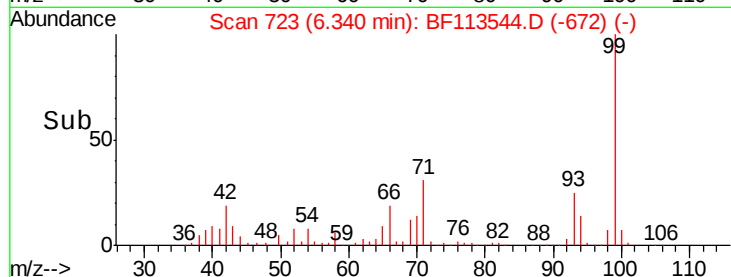
99 100

42 18.8 13.9 20.9

71 31.3 24.4 36.6



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: 47.867 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

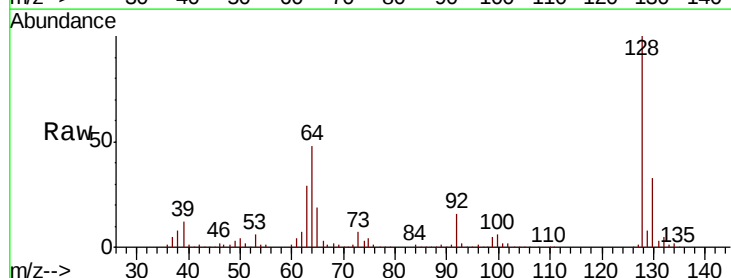
Tgt Ion:128 Resp: 470089

Ion Ratio Lower Upper

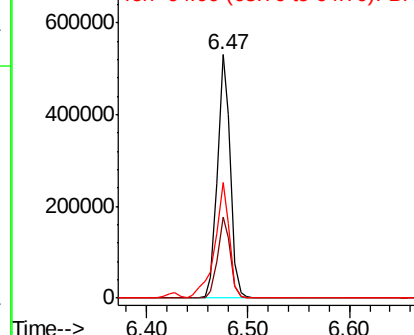
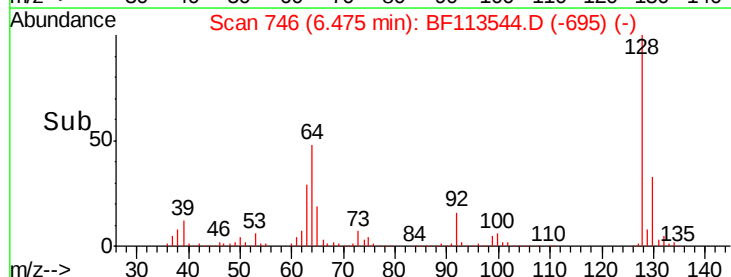
128 100

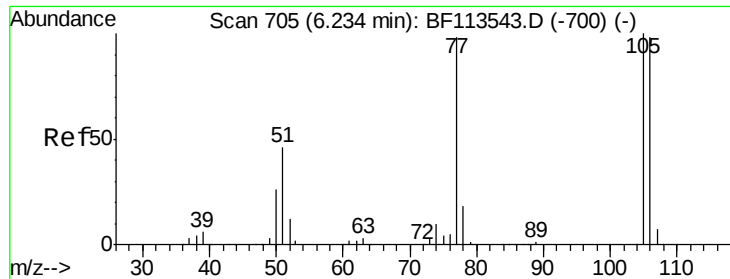
130 33.1 13.0 53.0

64 47.7 25.8 65.8



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: 41.904 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampled :

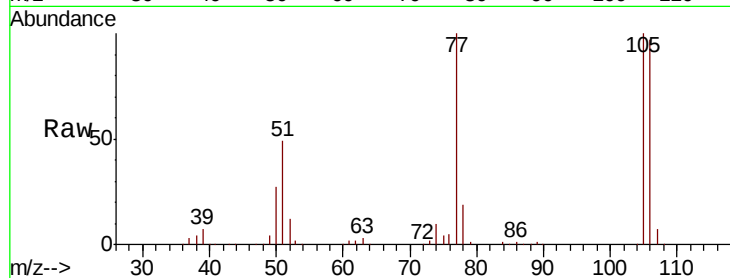
Tot Ion: 77 Resp: 300834

Ion Ratio Lower Upper

77 100

105 100.5 82.2 122.2

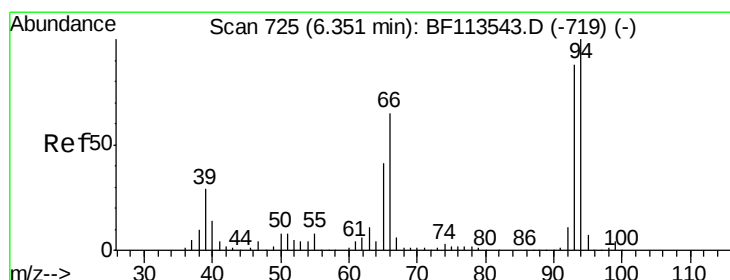
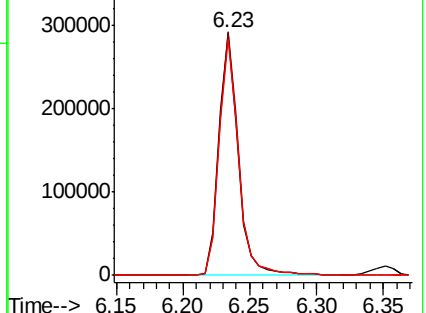
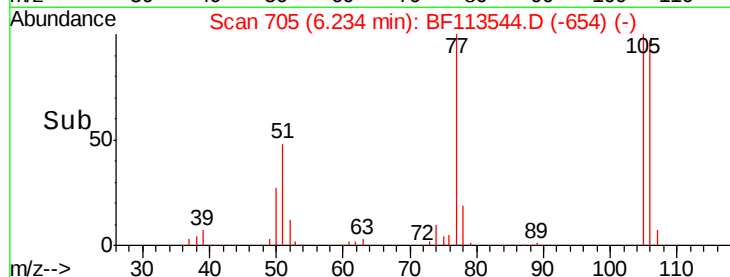
106 97.3 79.8 119.8



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: 46.224 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

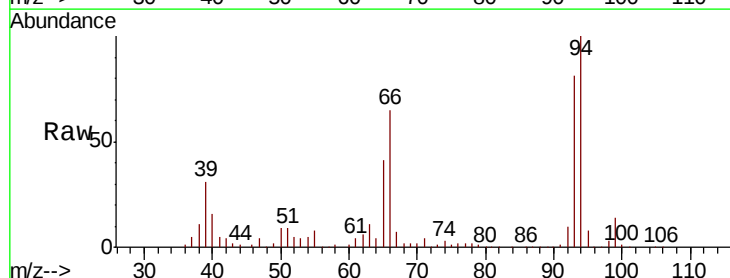
Tgt Ion: 94 Resp: 564571

Ion Ratio Lower Upper

94 100

65 41.2 21.1 61.1

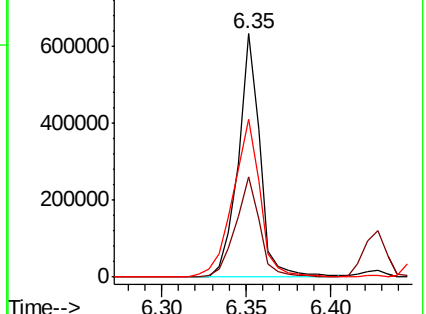
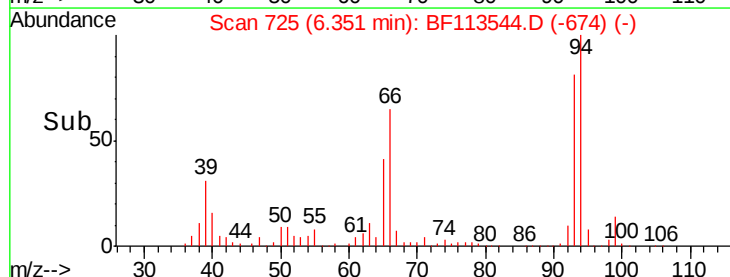
66 65.0 44.9 84.9

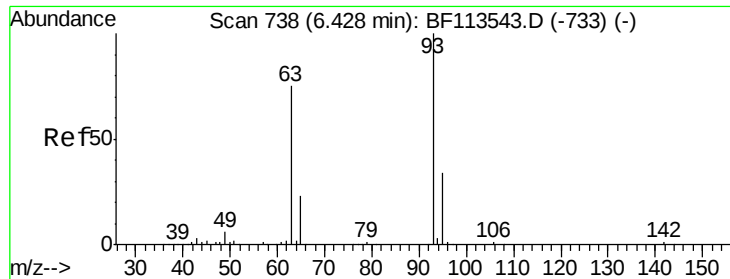


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

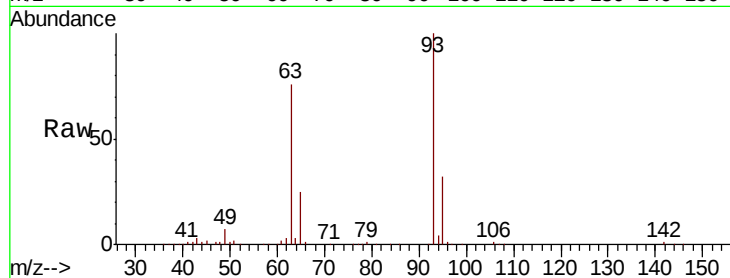




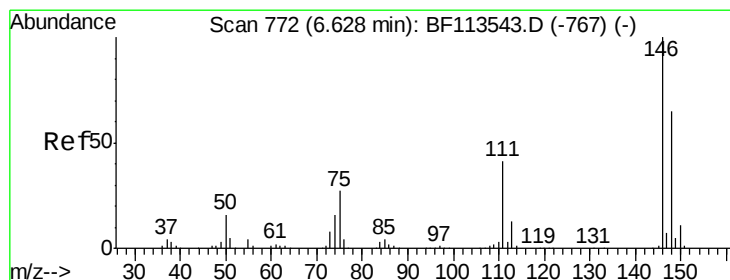
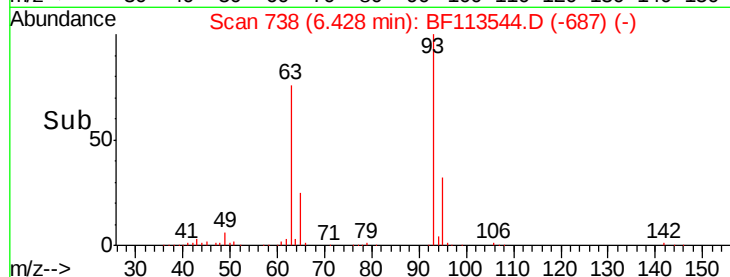
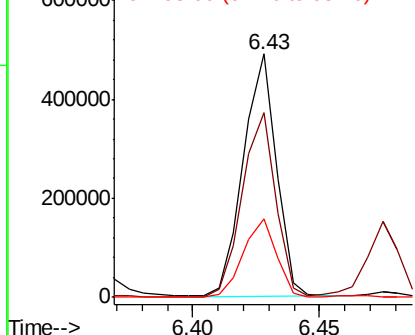
#11
bis(2-Chloroethyl)ether
Concen: 47.497 ng
RT: 6.43 min Scan# 738
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 444688
Ion Ratio Lower Upper
93 100
63 75.9 53.9 93.9
95 32.3 13.3 53.3

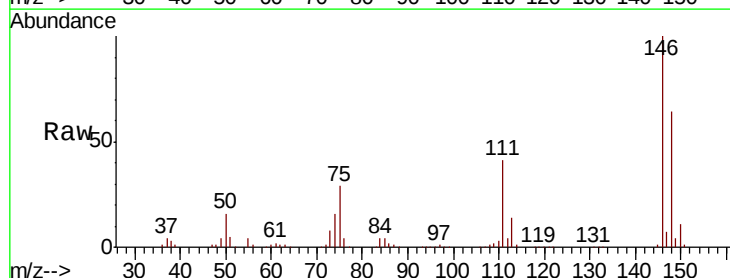


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

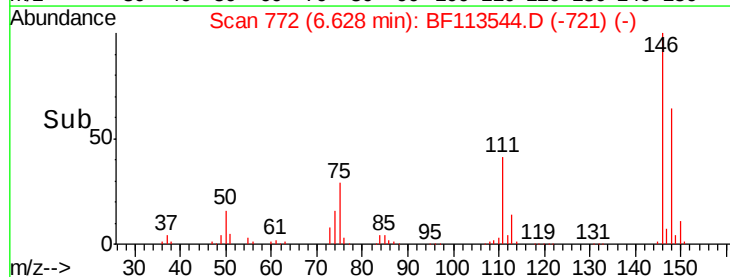
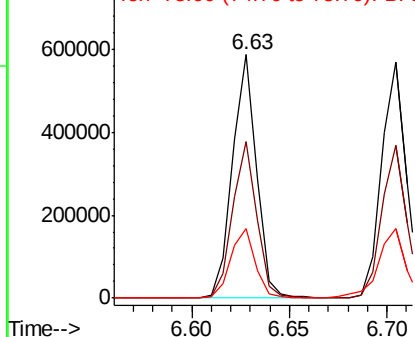


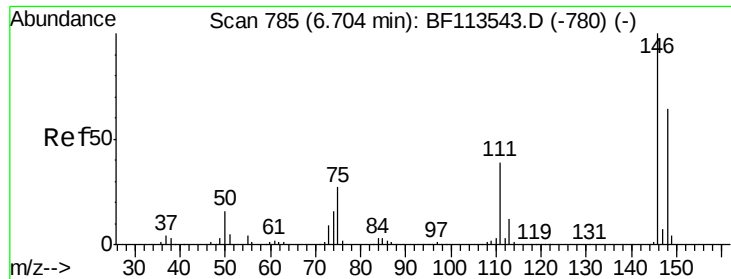
#12
1,3-Dichlorobenzene
Concen: 47.517 ng
RT: 6.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion: 146 Resp: 503022
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 28.7 22.0 33.0



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

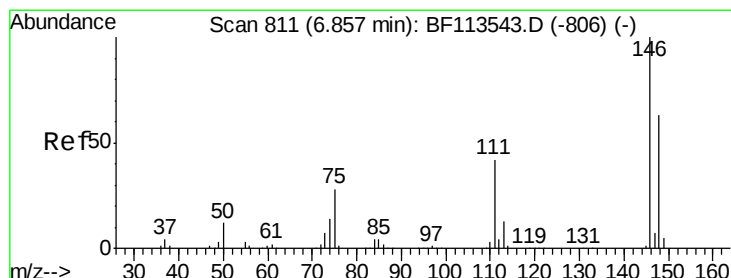
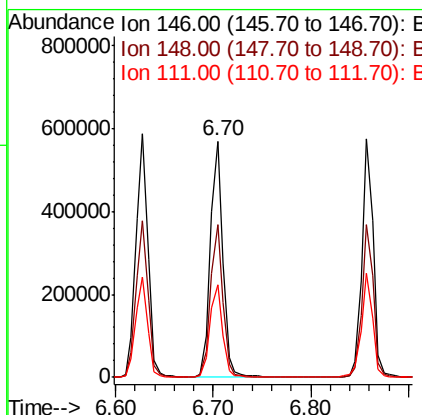
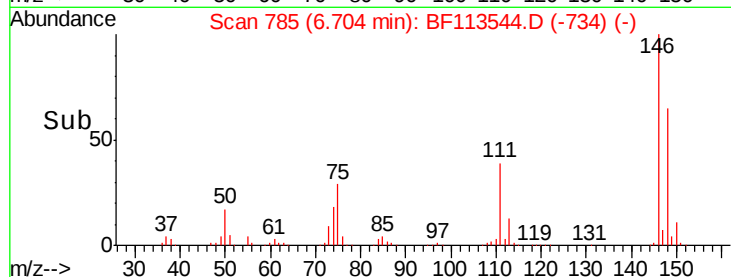
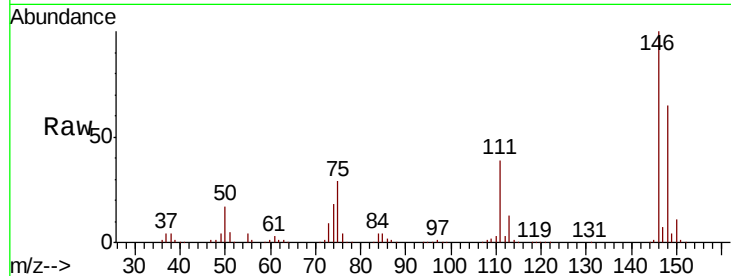




#13
 1,4-Dichlorobenzene
 Concen: 49.791 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

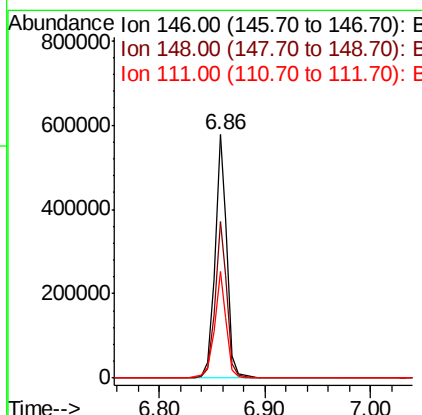
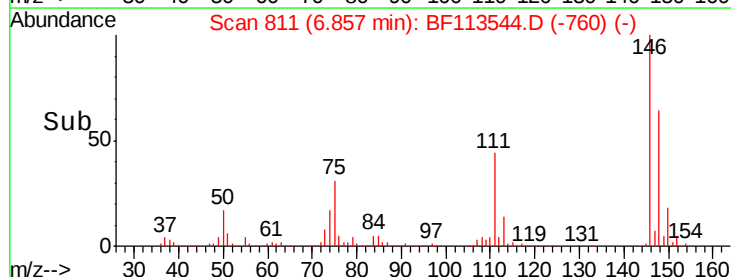
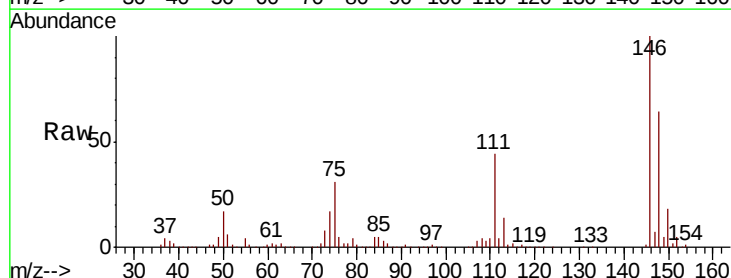
Instrument :
 BNA_F
 ClientSampleId :

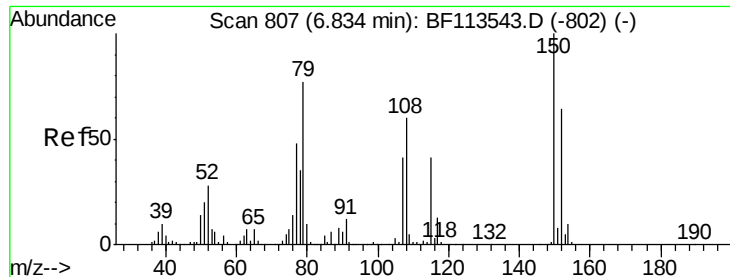
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.9	76.3
111	39.3	31.0	46.6



#14
 1,2-Dichlorobenzene
 Concen: 45.999 ng
 RT: 6.86 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.3	75.5
111	43.6	34.0	51.0





#15

Benzyl Alcohol

Concen: 49.242 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampled :

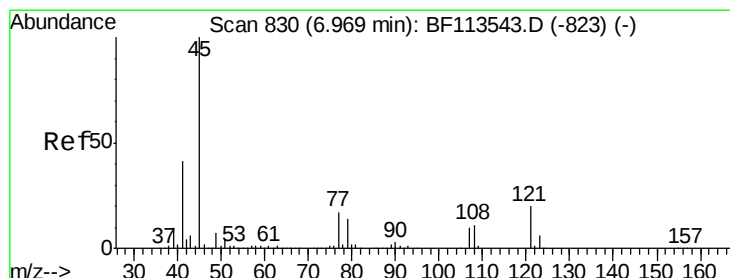
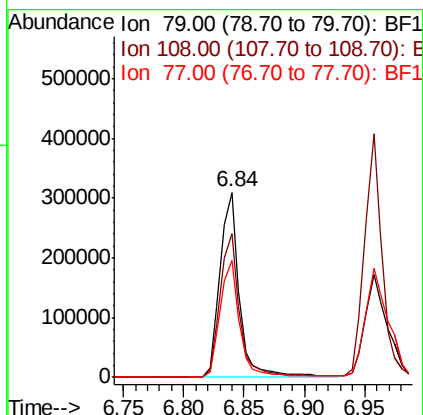
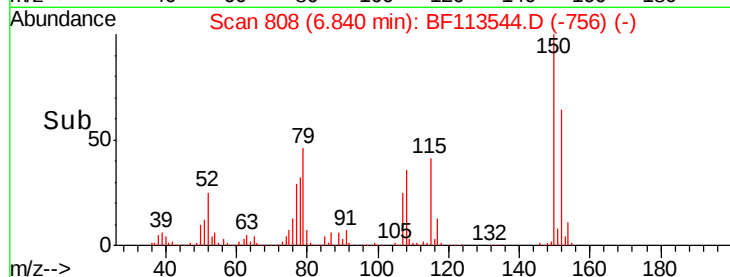
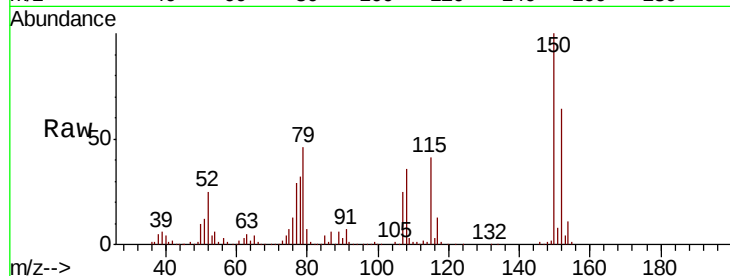
Tot Ion: 79 Resp: 347552

Ion Ratio Lower Upper

79 100

108 77.6 62.8 94.2

77 63.2 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.861 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

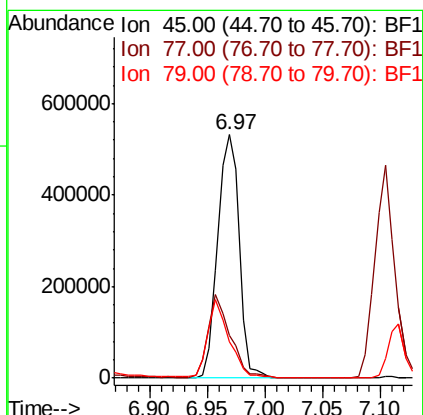
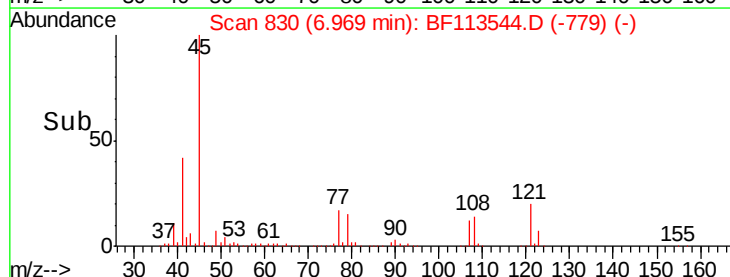
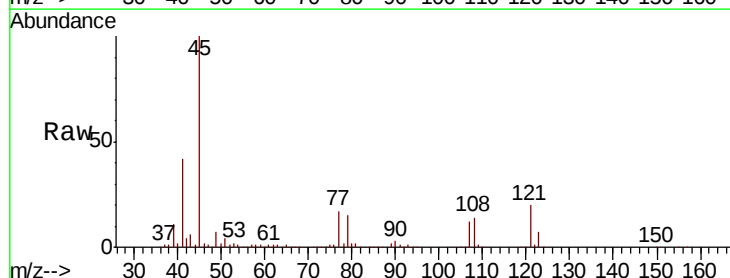
Tgt Ion: 45 Resp: 687219

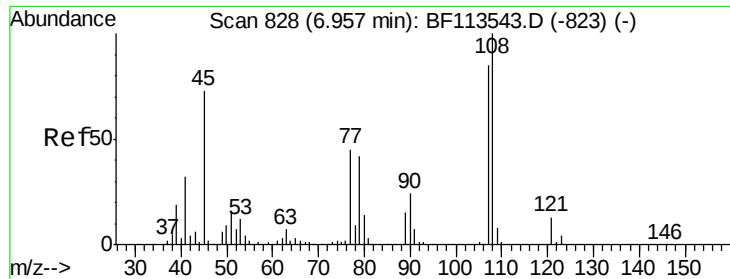
Ion Ratio Lower Upper

45 100

77 17.4 0.0 36.9

79 14.9 0.0 34.2

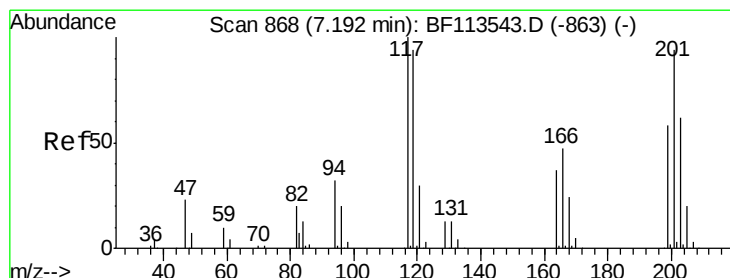
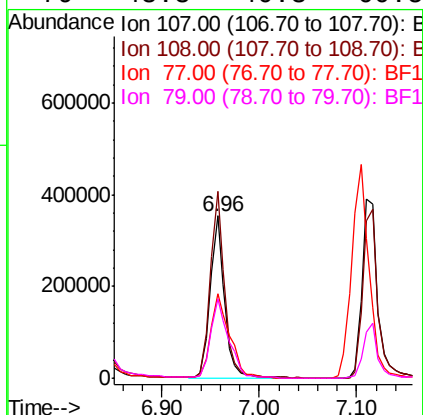
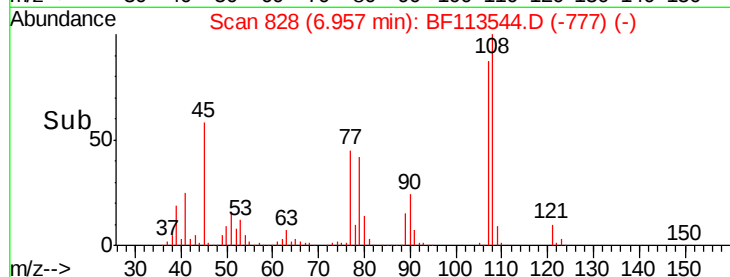
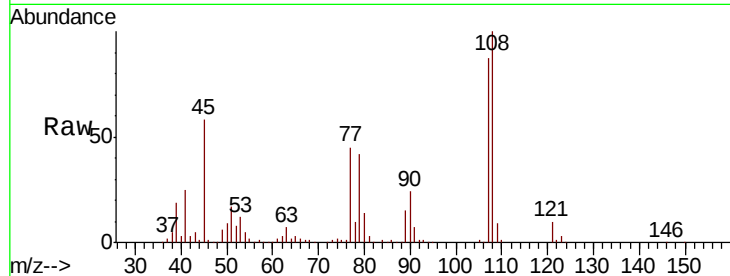




#17
2-Methylphenol
Concen: 46.797 ng
RT: 6.96 min Scan# 828
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

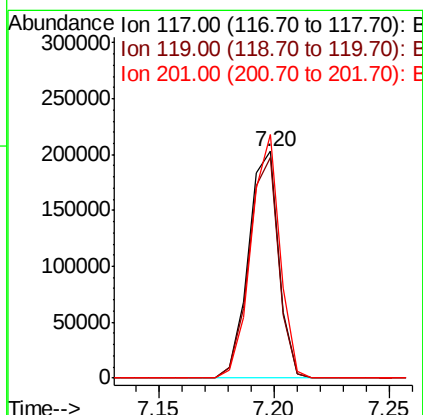
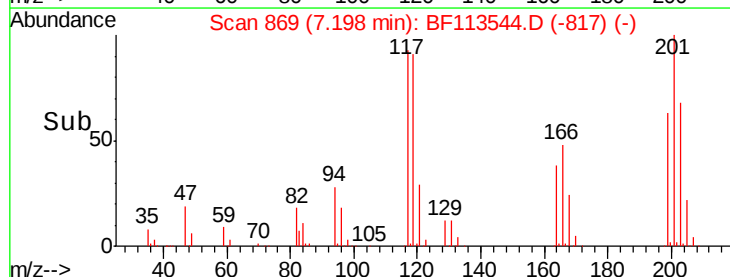
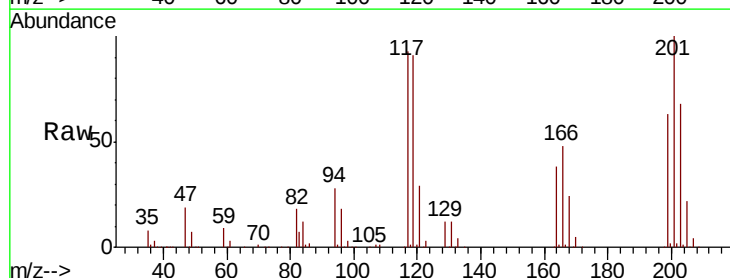
Instrument :
BNA_F
ClientSampleId :

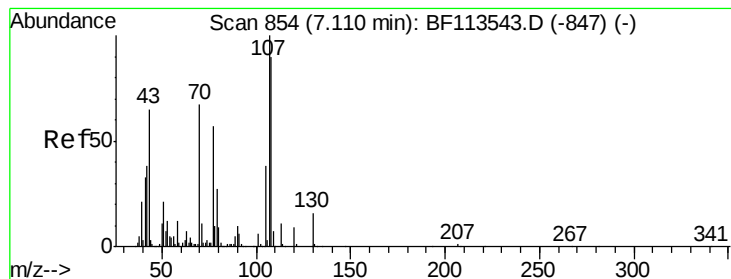
Tot Ion:	107	Resp:	360169
Ion	Ratio	Lower	Upper
107	100		
108	115.2	94.2	141.4
77	51.8	42.7	64.1
79	48.8	40.3	60.5



#18
Hexachloroethane
Concen: 50.755 ng
RT: 7.20 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion:	117	Resp:	186331
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.4	113.0
201	107.4	75.1	112.7





#19

n-Nitroso-di-n-propylamine

Concen: 44.572 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 299533

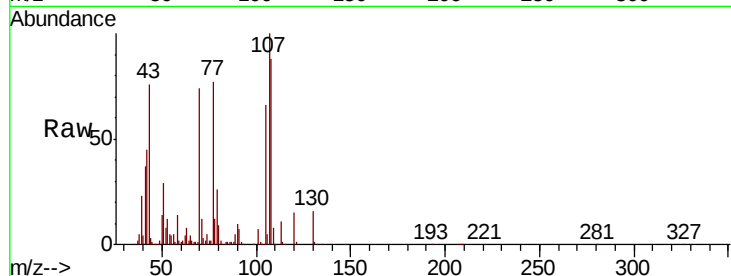
Ion Ratio Lower Upper

70 100

42 60.3 46.2 69.2

101 9.3 7.6 11.4

130 21.2 18.6 28.0



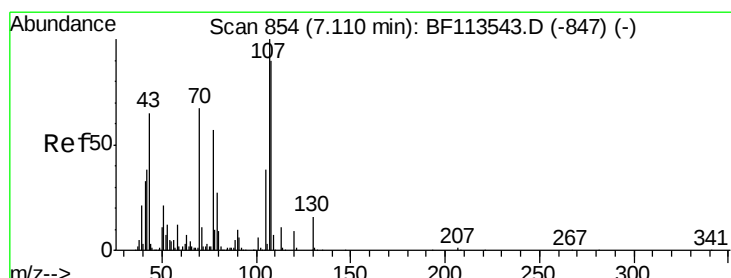
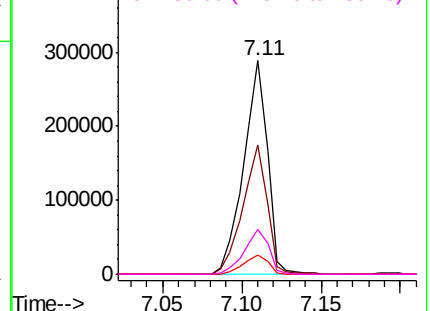
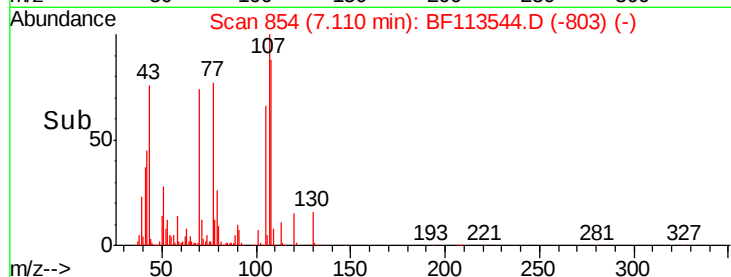
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 45.342 ng

RT: 7.11 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Tgt Ion:107 Resp: 437035

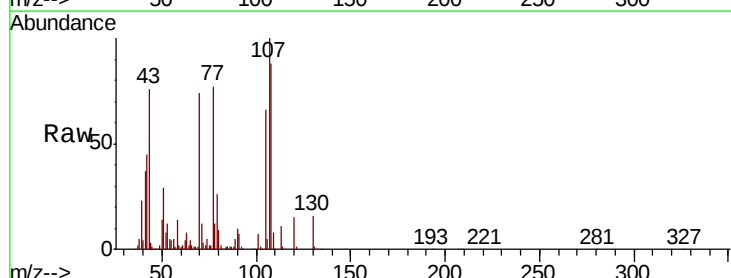
Ion Ratio Lower Upper

107 100

108 87.8 69.9 109.9

77 77.5 37.4 77.4#

79 25.9 7.1 47.1



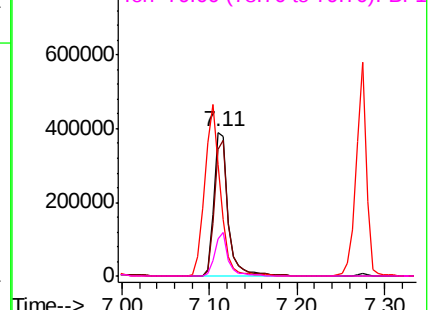
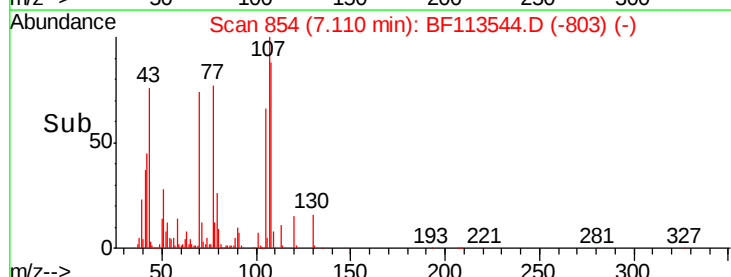
Abundance

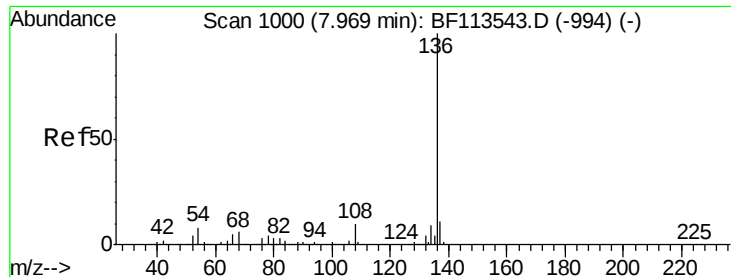
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 546282

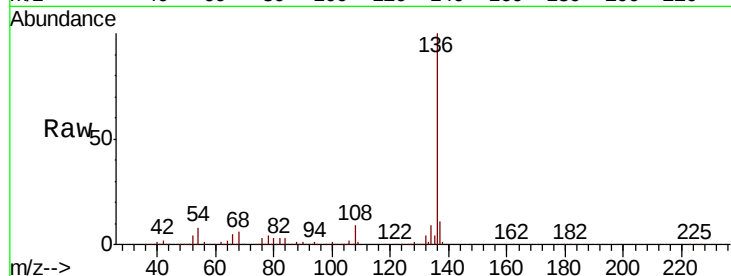
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.0 6.2 9.2

68 6.0 4.7 7.1

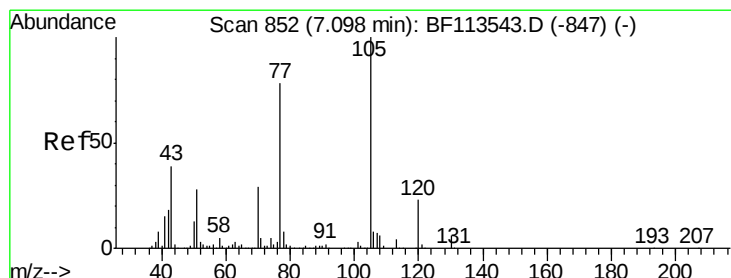
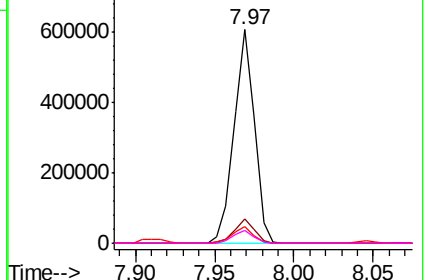
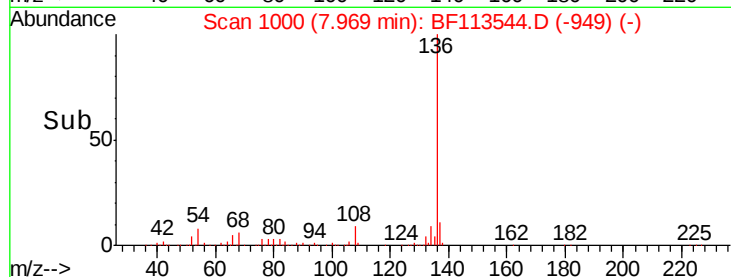


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.566 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Tgt Ion:105 Resp: 580132

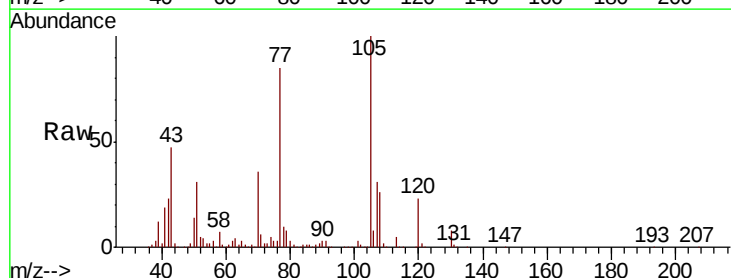
Ion Ratio Lower Upper

105 100

71 6.0 3.7 5.5#

51 31.5 22.9 34.3

120 23.2 18.1 27.1

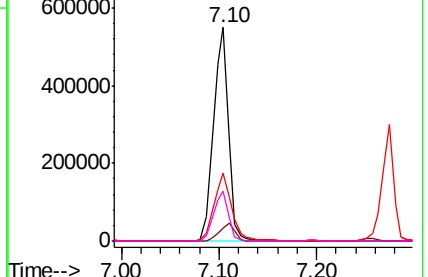
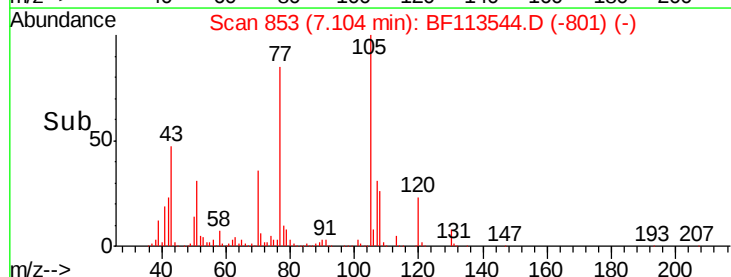


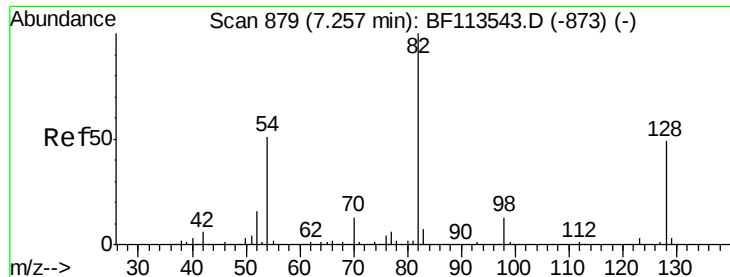
Abundance Ion 105.00 (104.70 to 105.70): E

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

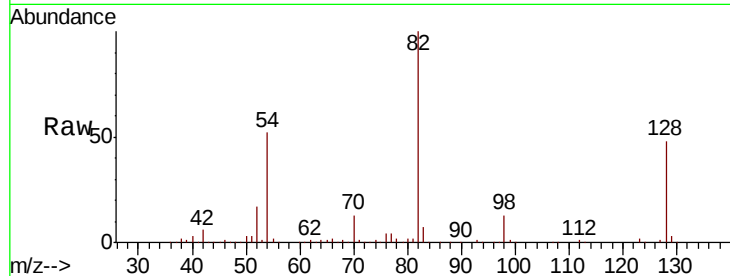




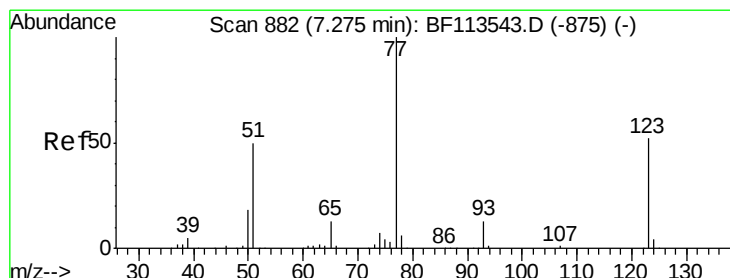
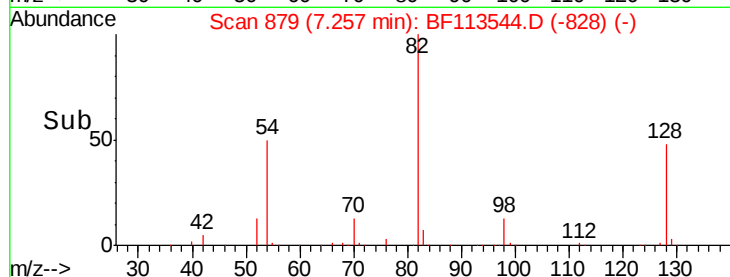
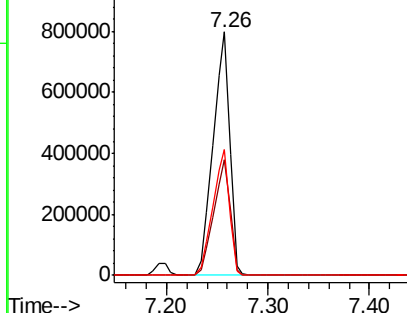
#23
Nitrobenzene-d5
Concen: 99.353 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 914420
Ion Ratio Lower Upper
82 100
128 47.7 39.1 58.7
54 51.8 41.0 61.4

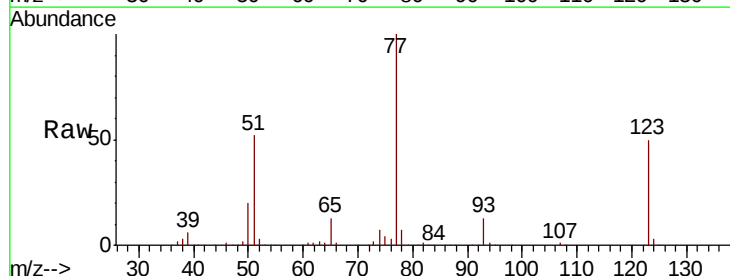


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

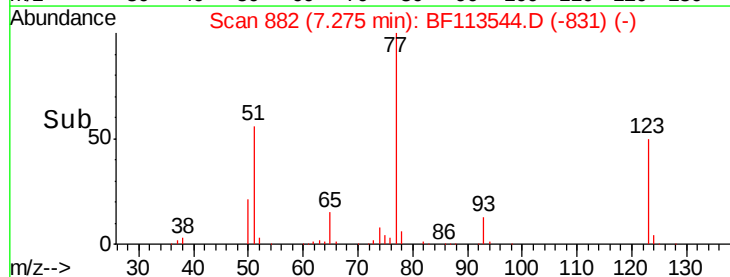
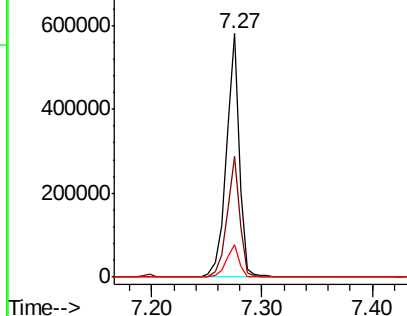


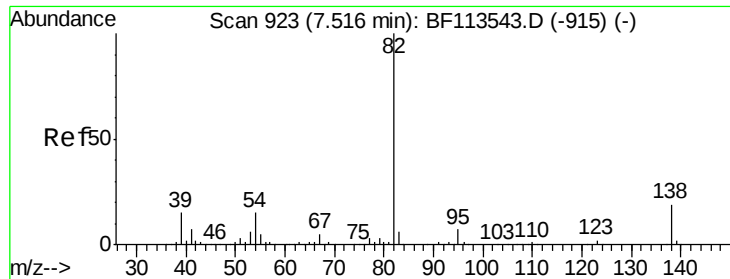
#24
Nitrobenzene
Concen: 49.333 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion: 77 Resp: 473809
Ion Ratio Lower Upper
77 100
123 49.6 41.2 61.8
65 13.3 10.2 15.4



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

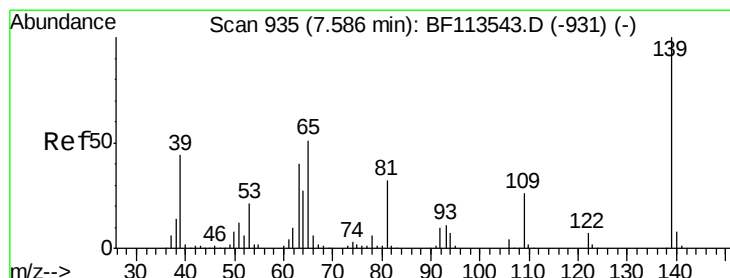
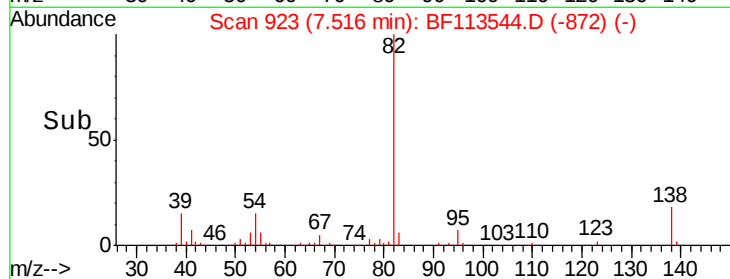
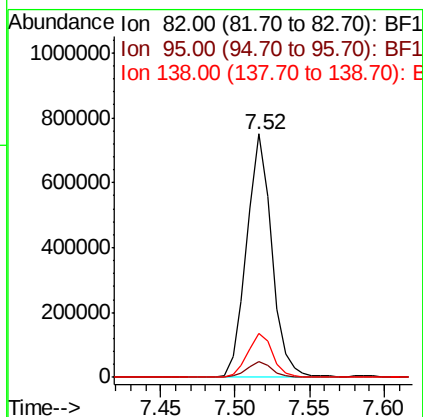
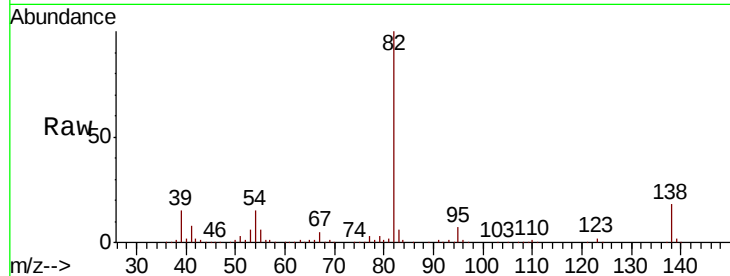




#25
Isophorone
Concen: 48.949 ng
RT: 7.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

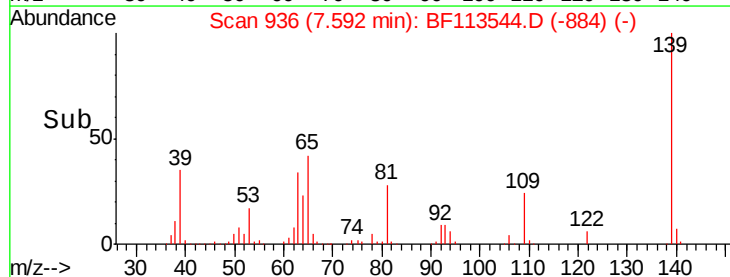
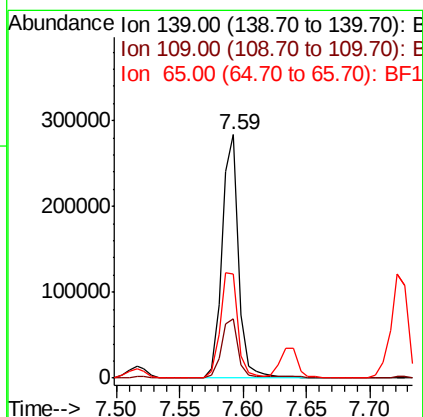
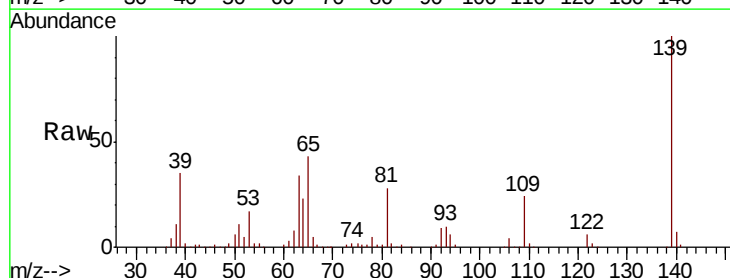
Instrument :
BNA_F
ClientSampleId :

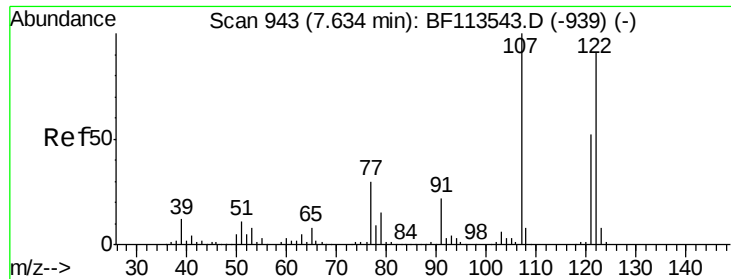
Tot Ion: 82 Resp: 873087
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 18.1 14.9 22.3



#26
2-Nitrophenol
Concen: 51.140 ng
RT: 7.59 min Scan# 936
Delta R.T. 0.01 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion: 139 Resp: 259616
Ion Ratio Lower Upper
139 100
109 24.3 20.9 31.3
65 43.0 40.5 60.7

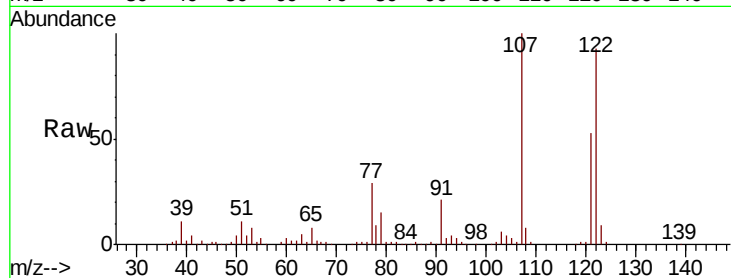




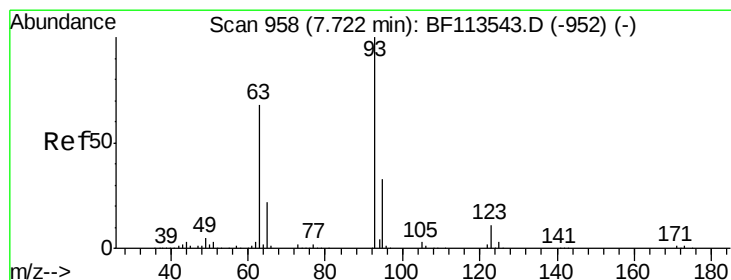
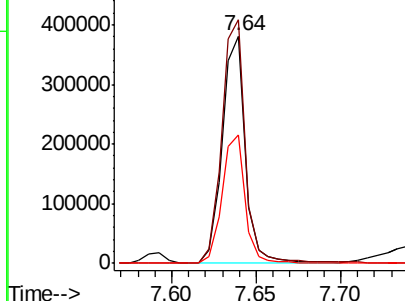
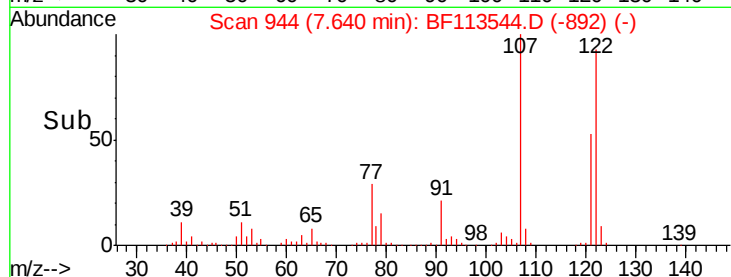
#27
 2,4-Dimethylphenol
 Concen: 49.517 ng
 RT: 7.64 min Scan# 944
 Delta R.T. 0.01 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 361605
 Ion Ratio Lower Upper
 122 100
 107 107.2 88.2 132.4
 121 56.3 45.7 68.5

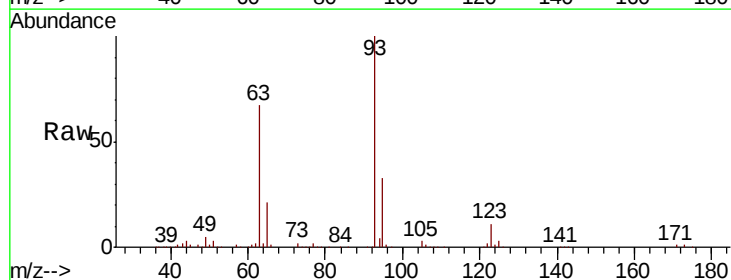


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

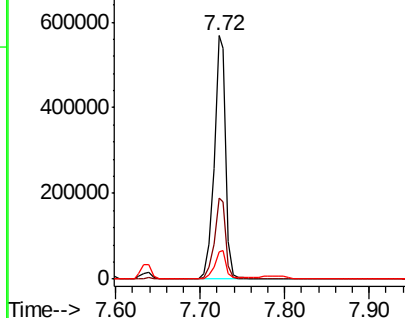
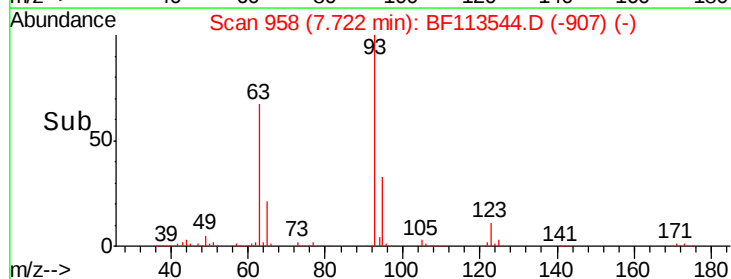


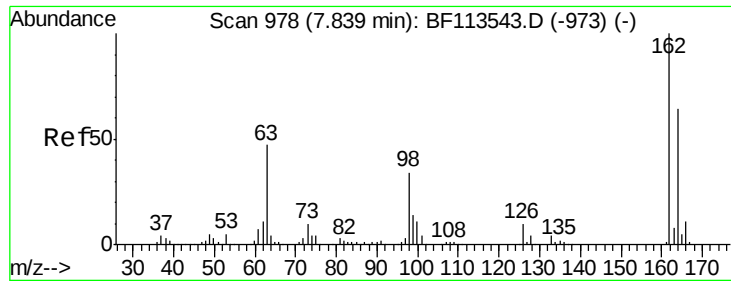
#28
 bis(2-Chloroethoxy)methane
 Concen: 49.709 ng
 RT: 7.72 min Scan# 958
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion: 93 Resp: 558350
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.5 39.7
 123 11.0 9.1 13.7



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

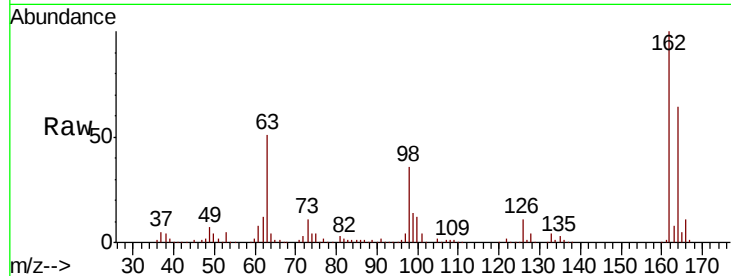




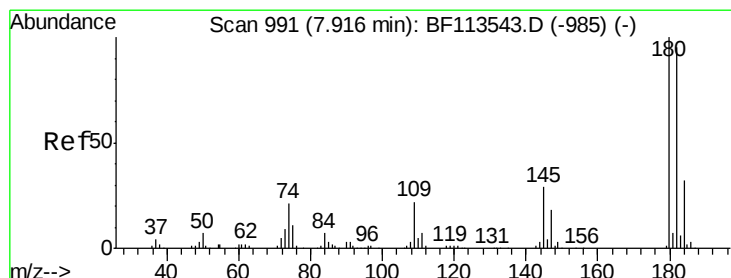
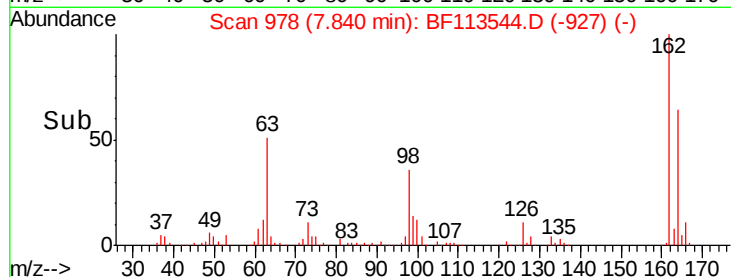
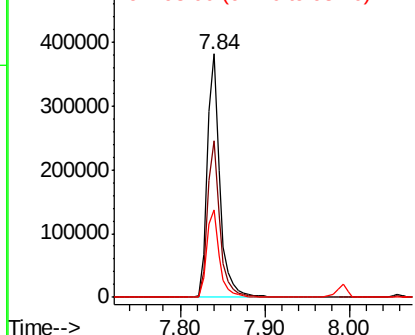
#29
2,4-Dichlorophenol
Concen: 49.907 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.3	84.3
98	35.7	14.0	54.0

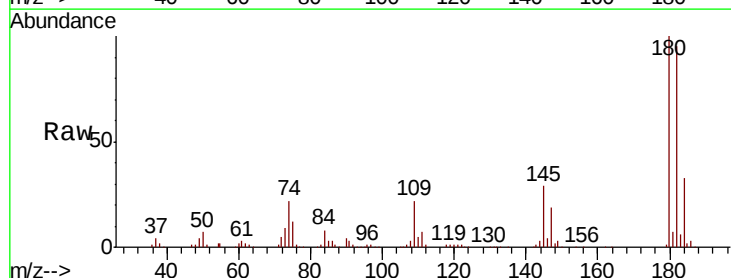


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

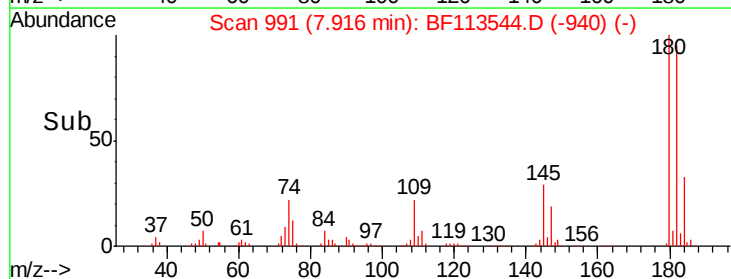
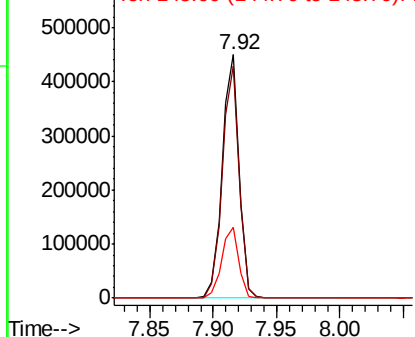


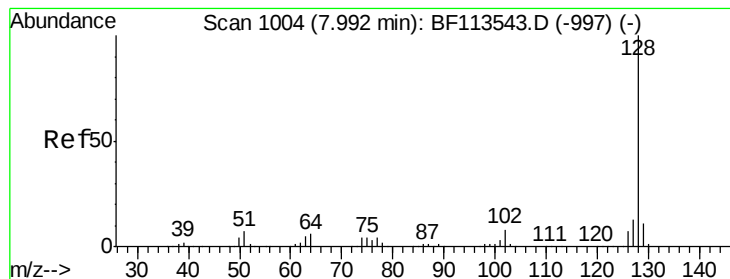
#30
1,2,4-Trichlorobenzene
Concen: 48.936 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.6
145	29.0	22.9	34.3



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: 48.558 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampleId :

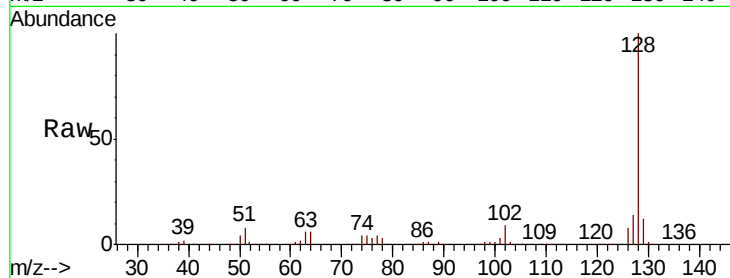
Tot Ion:128 Resp: 1296278

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

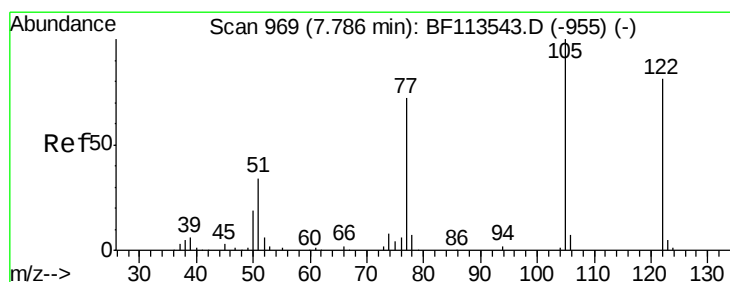
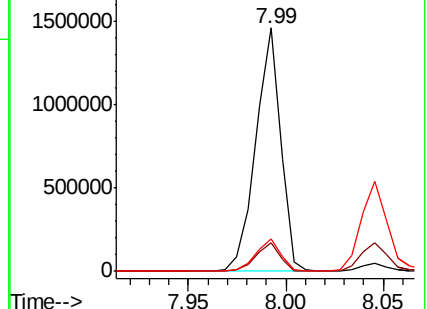
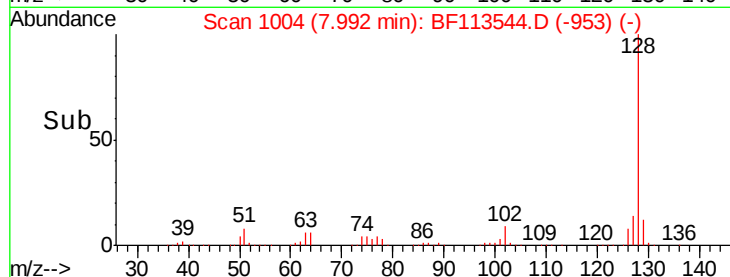
127 13.6 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.360 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.01 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

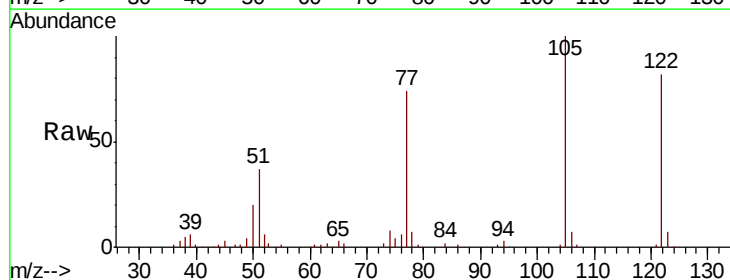
Tgt Ion:122 Resp: 284272

Ion Ratio Lower Upper

122 100

105 121.4 101.5 141.5

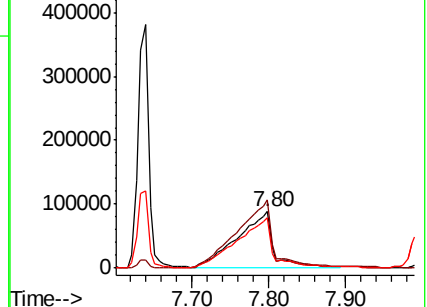
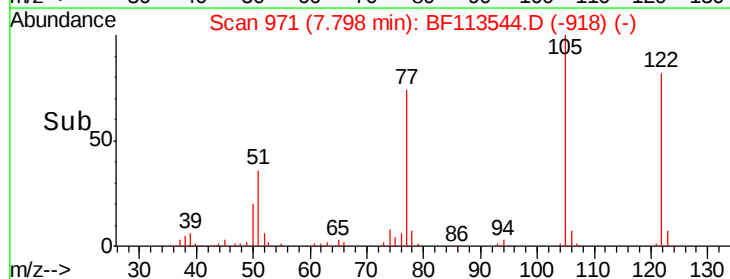
77 90.2 68.7 108.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

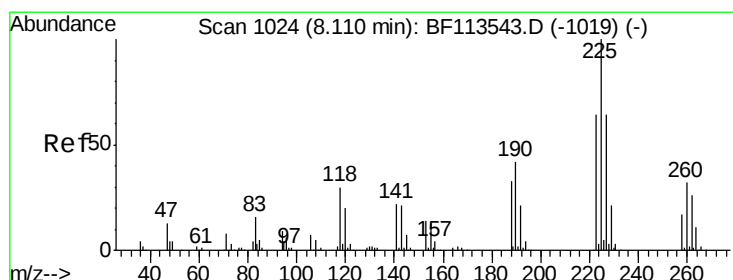
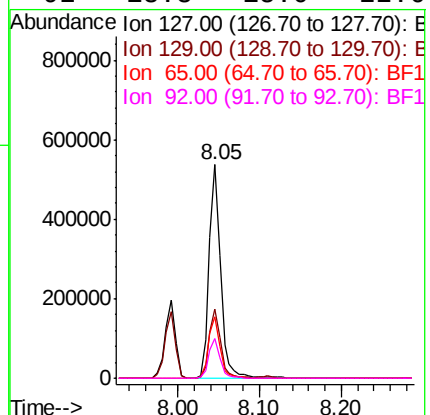
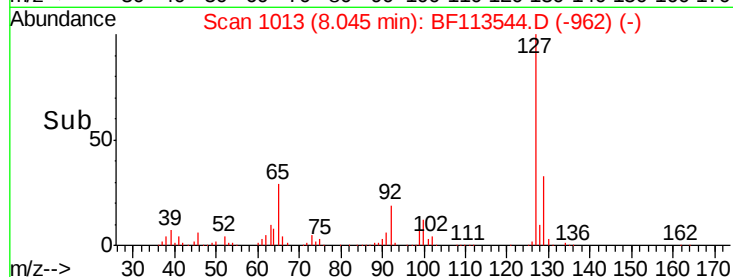
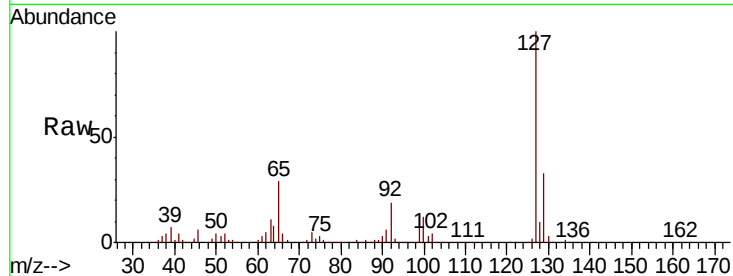




#33
 4-Chloroaniline
 Concen: 50.600 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

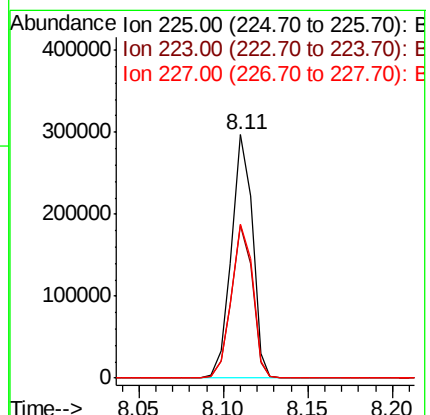
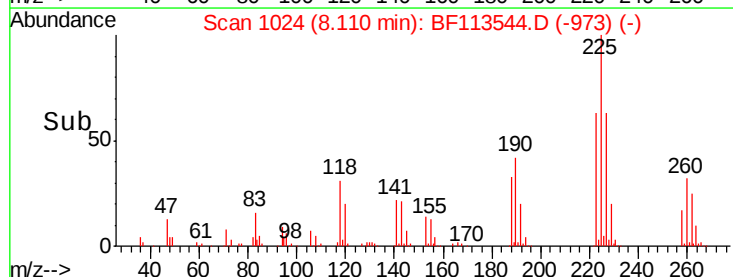
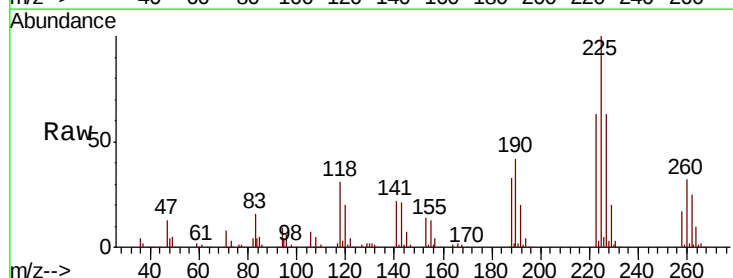
Instrument :
 BNA_F
 ClientSampleId :

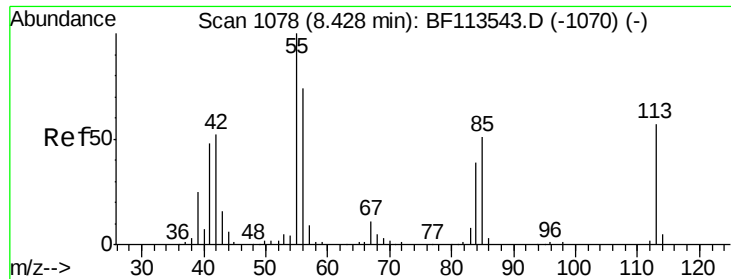
Tot Ion:	127	Resp:	526739
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	29.1	23.1	34.7
92	18.8	15.0	22.6



#34
 Hexachlorobutadiene
 Concen: 50.889 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion:	225	Resp:	258242
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.4	77.0
227	63.0	51.4	77.2

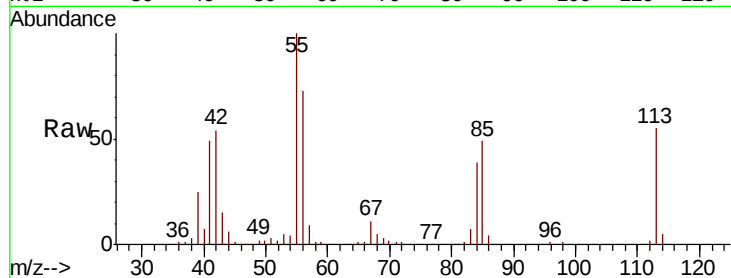




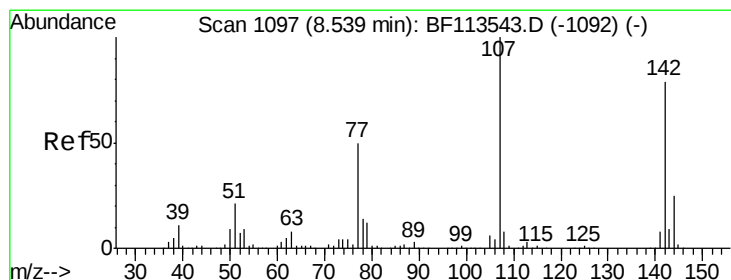
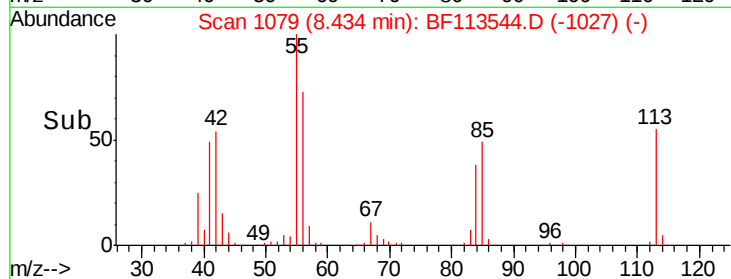
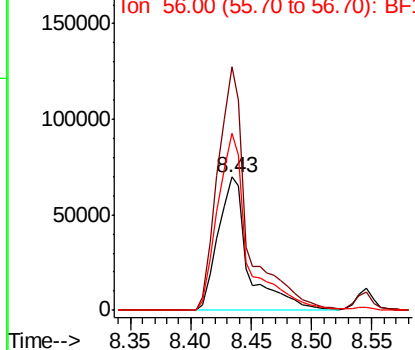
#35
 Caprolactam
 Concen: 48.522 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. 0.01 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 123238
 Ion Ratio Lower Upper
 113 100
 55 182.6 154.8 194.8
 56 132.5 108.9 148.9

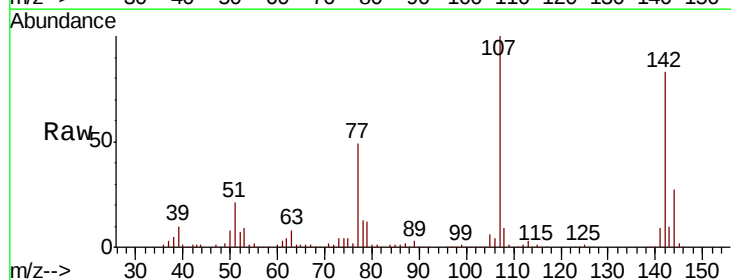


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

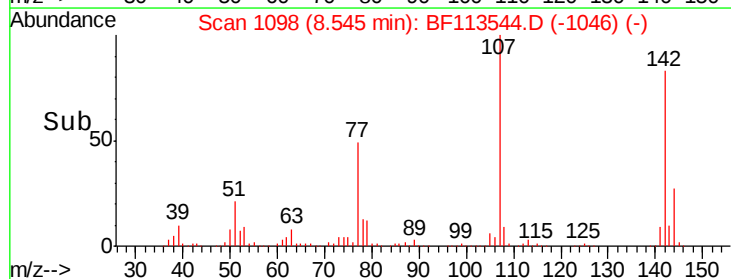
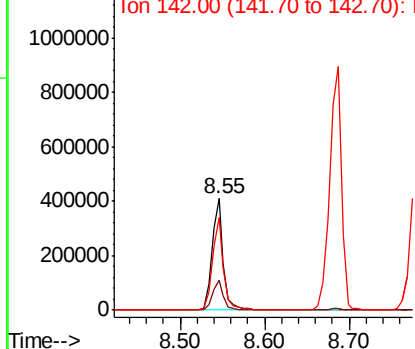


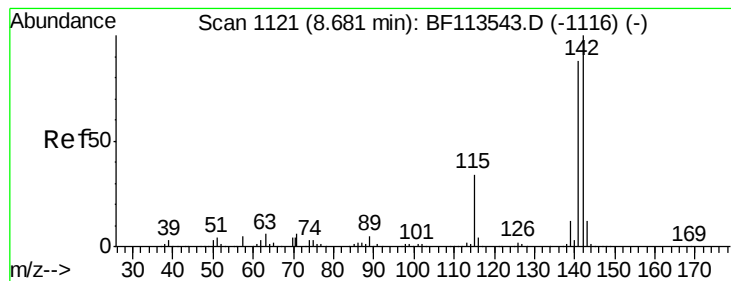
#36
 4-Chloro-3-methylphenol
 Concen: 48.558 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. 0.01 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion:107 Resp: 386509
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.0 30.0
 142 83.0 62.9 94.3



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

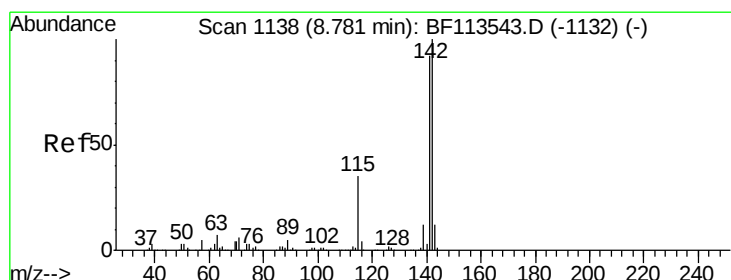
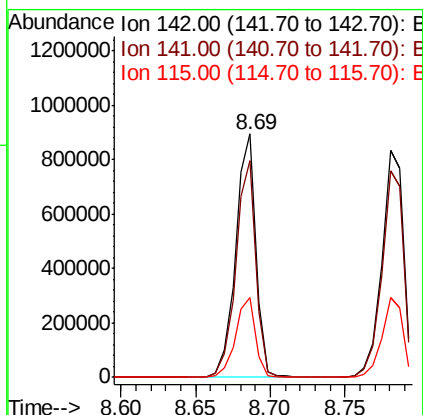
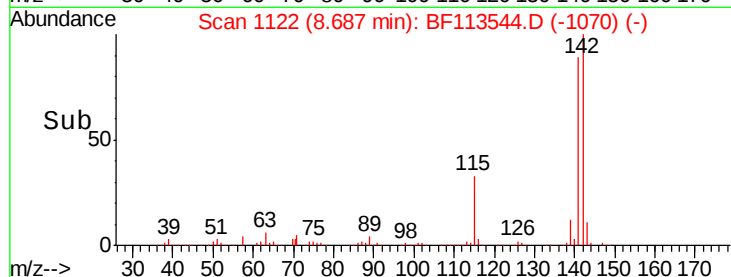
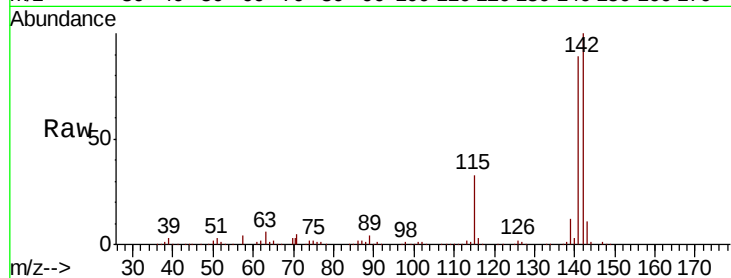




#37
2-Methylnaphthalene
Concen: 51.045 ng
RT: 8.69 min Scan# 1122
Delta R.T. 0.01 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

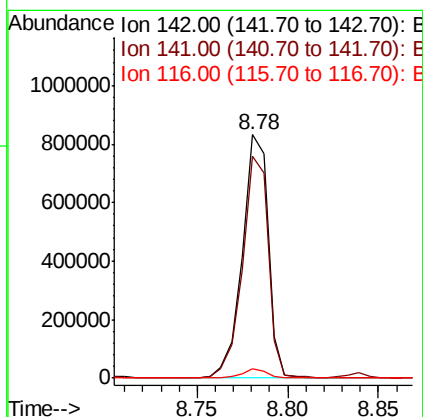
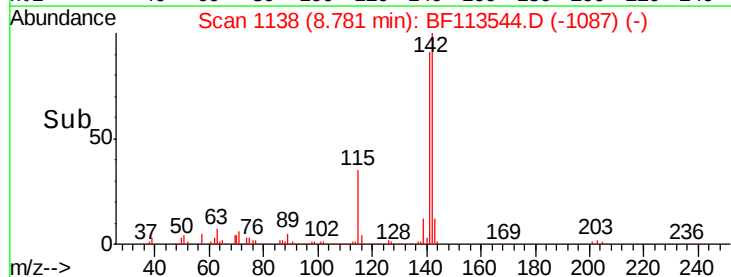
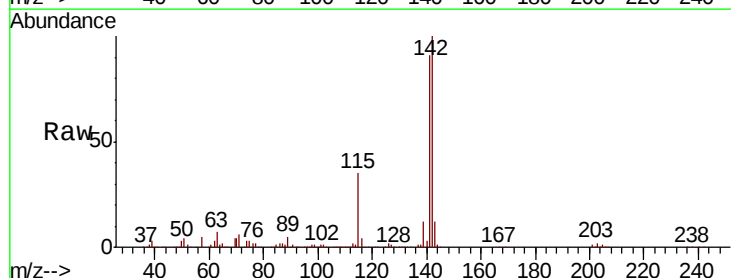
Instrument :
BNA_F
ClientSampled :

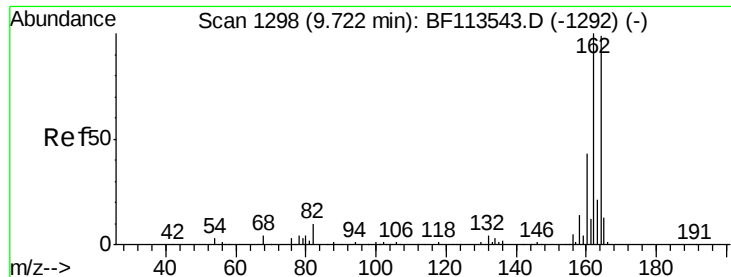
Tot Ion:142 Resp: 850258
Ion Ratio Lower Upper
142 100
141 88.9 70.6 105.8
115 32.7 26.9 40.3



#38
1-Methylnaphthalene
Concen: 51.263 ng
RT: 8.78 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion:142 Resp: 821330
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.01 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

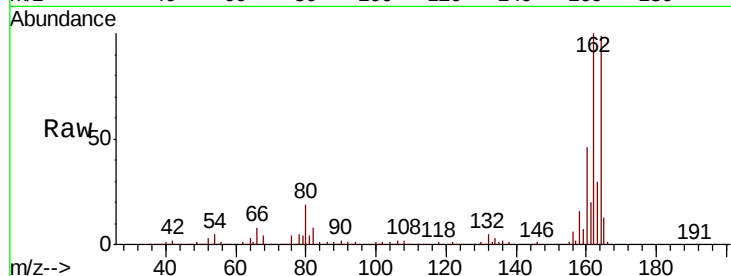
Instrument :

BNA_F

ClientSampleId :

Tot Ion:164 Resp: 254969

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.5	120.7
160	46.4	34.8	52.2

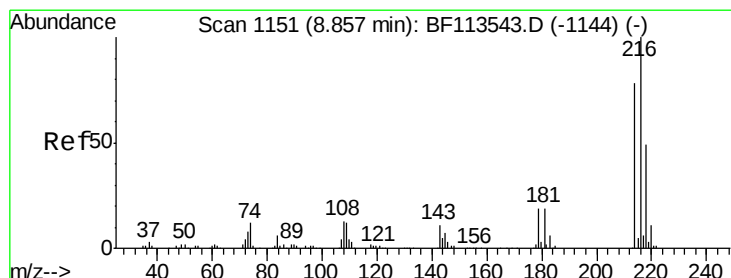
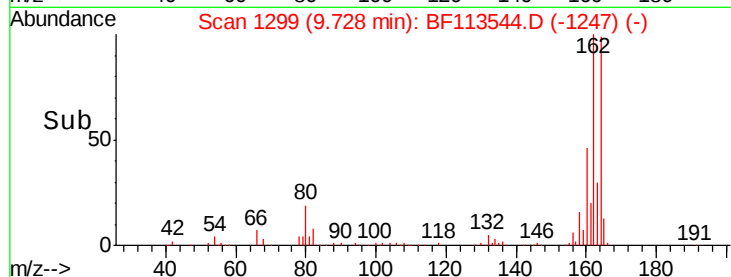
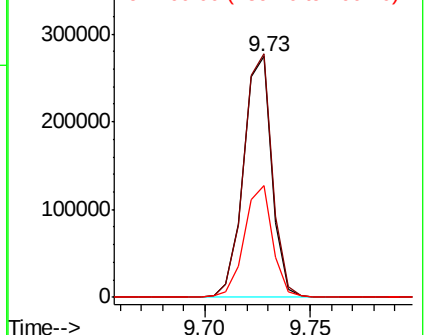


Abundance

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: 50.779 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Tgt Ion:216 Resp: 415596

Ion	Ratio	Lower	Upper
216	100		
214	79.6	62.7	94.1
179	20.2	16.1	24.1
108	16.8	13.4	20.0

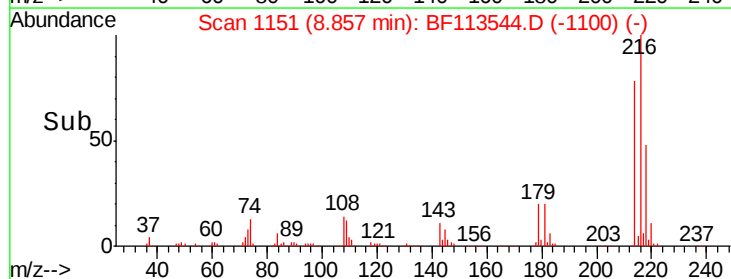
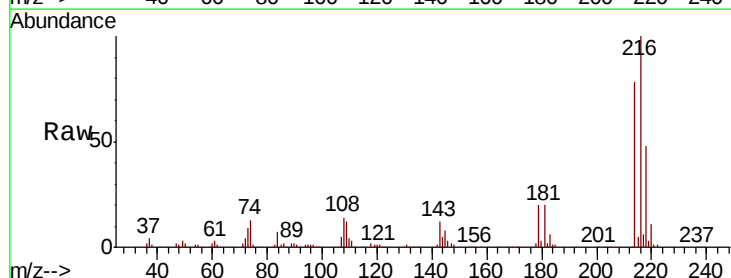
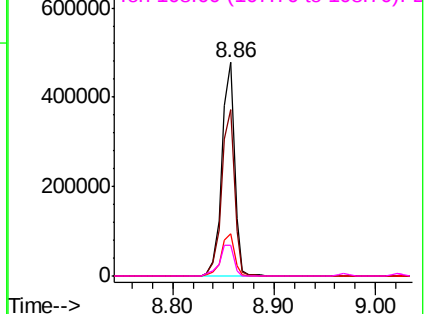
Abundance

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

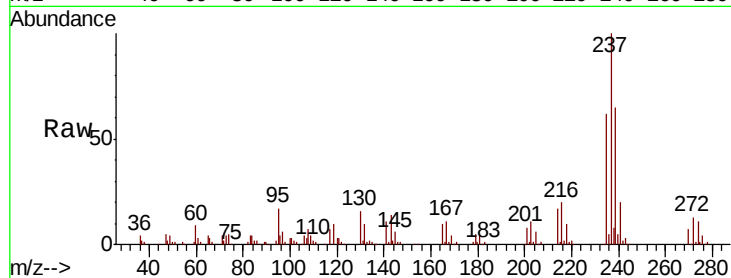




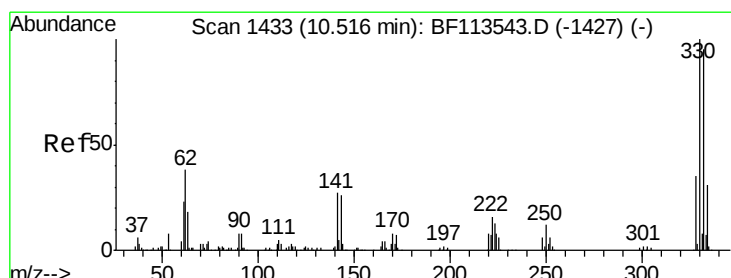
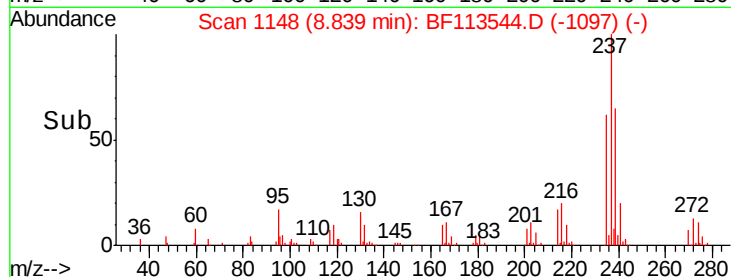
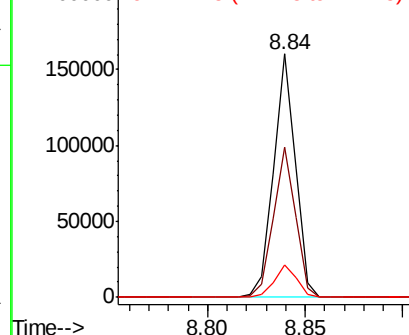
#41
Hexachlorocyclopentadiene
Concen: 35.839 ng
RT: 8.84 min Scan# 1148
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	237	Resp:	124156
Ion Ratio	Lower	Upper	
237	100		
235	61.8	42.0	82.0
272	13.3	0.0	33.8

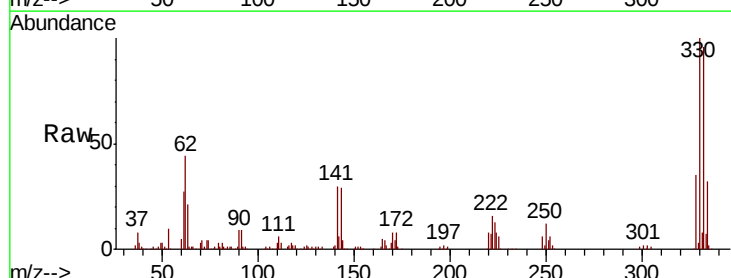


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

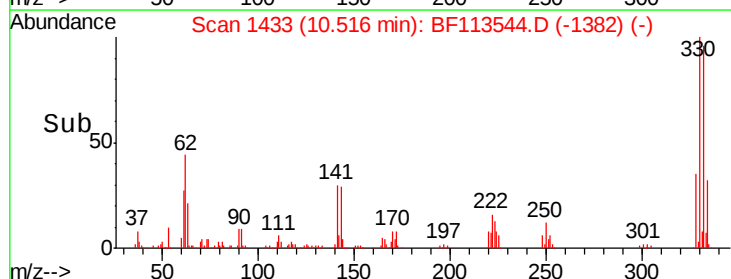
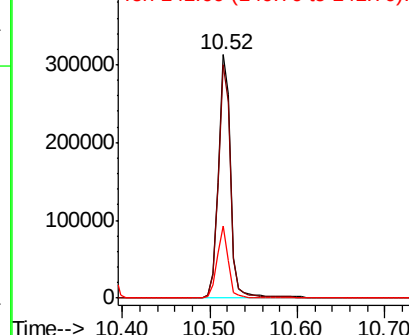


#42
2,4,6-Tribromophenol
Concen: 96.772 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion:	330	Resp:	304778
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.4	114.6
141	27.3	21.6	32.4



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

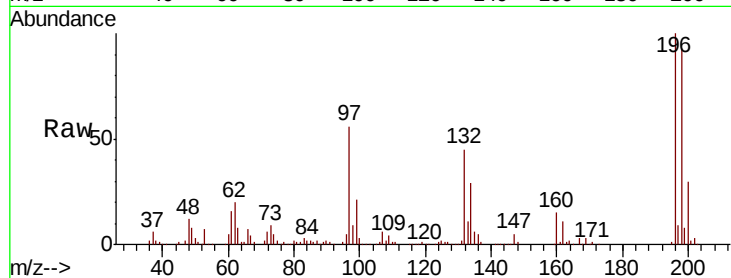




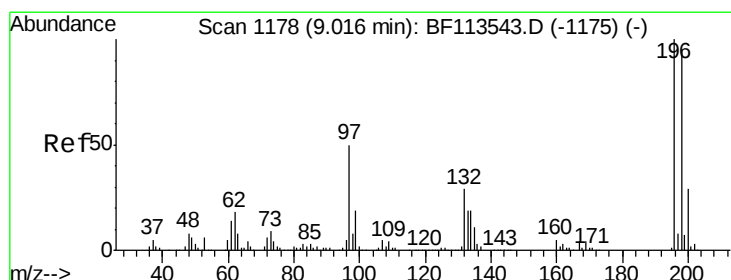
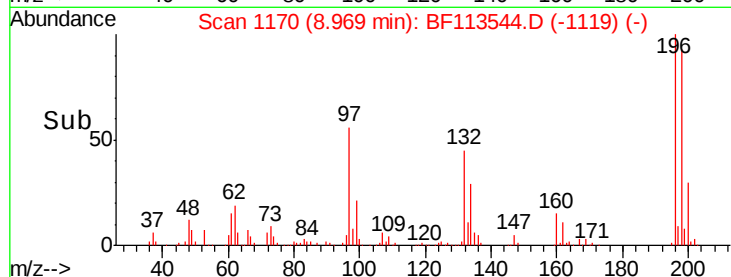
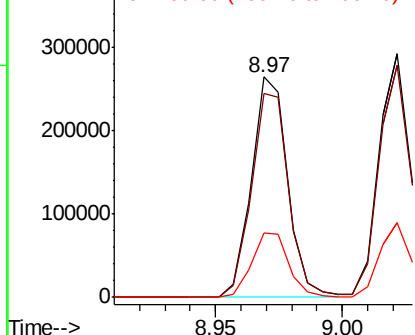
#43
 2,4,6-Trichlorophenol
 Concen: 49.556 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 264119
 Ion Ratio Lower Upper
 196 100
 198 92.6 76.1 114.1
 200 29.6 24.4 36.6

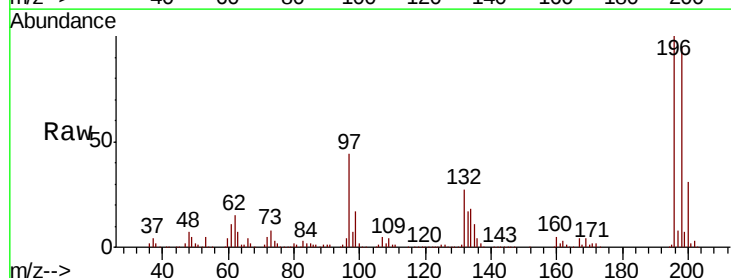


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

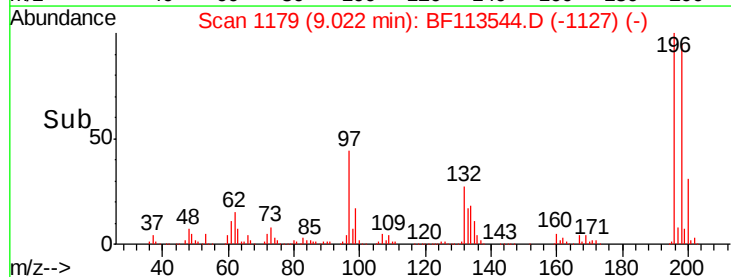
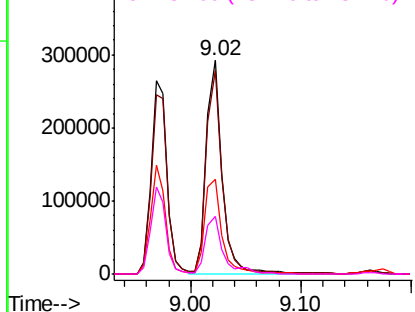


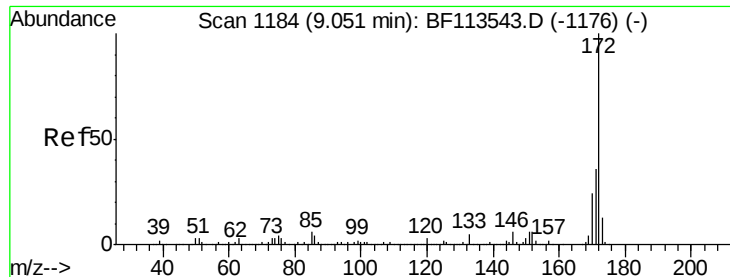
#44
 2,4,5-Trichlorophenol
 Concen: 47.757 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. 0.01 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion:196 Resp: 281686
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.0 114.0
 97 44.4 40.2 60.4
 132 27.1 23.5 35.3



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

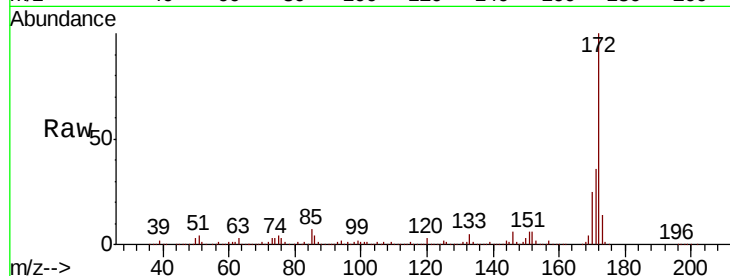




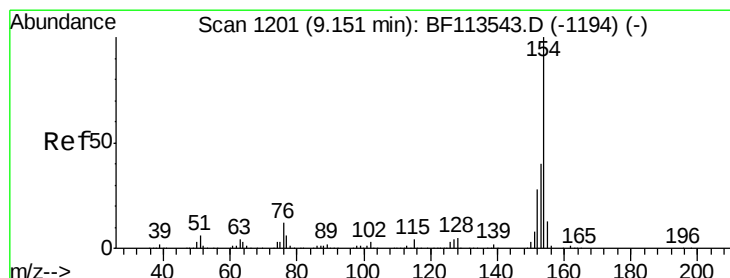
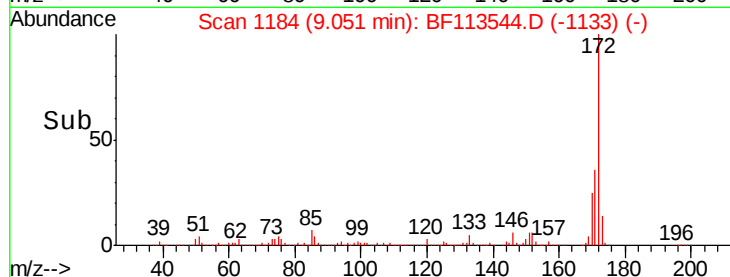
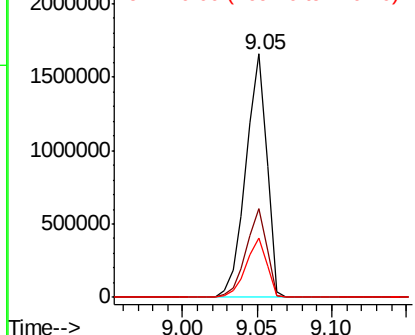
#45
2-Fluorobiphenyl
Concen: 93.091 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1618594
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 24.6 19.5 29.3

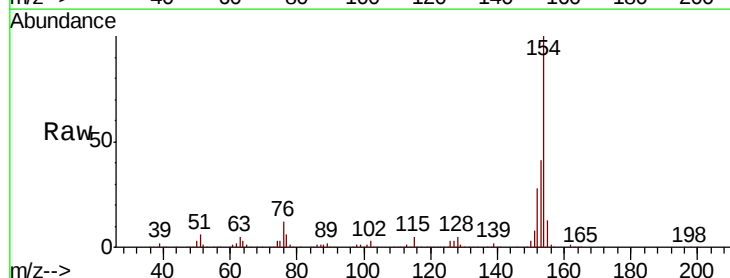


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

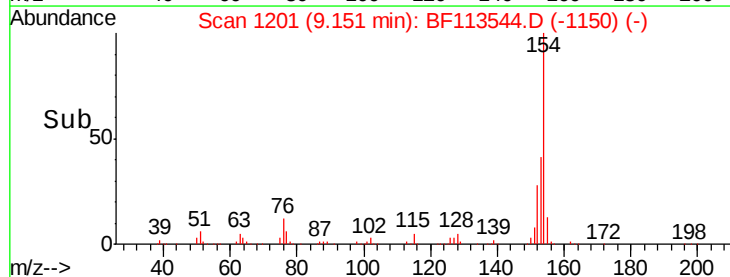
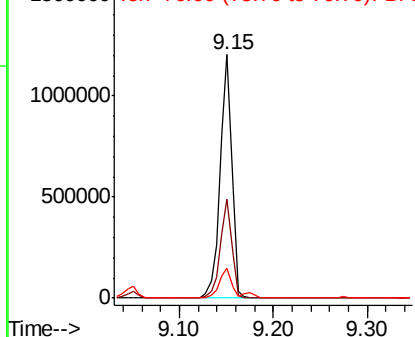


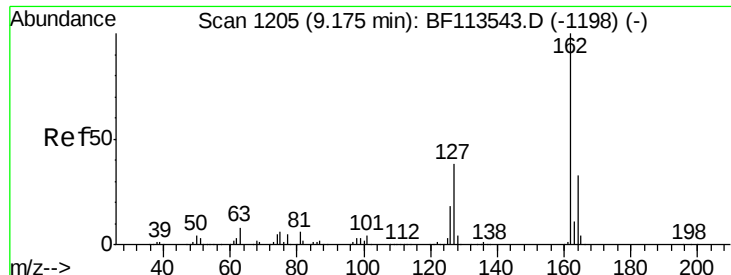
#46
1,1'-Biphenyl
Concen: 49.044 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion:154 Resp: 1044379
Ion Ratio Lower Upper
154 100
153 40.8 20.2 60.2
76 12.1 0.0 31.7



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

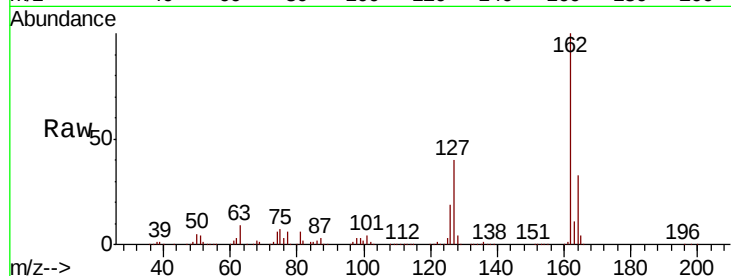




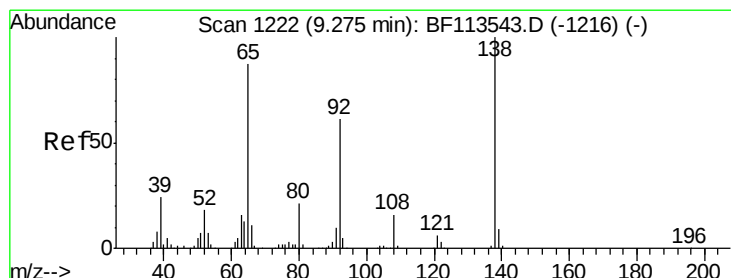
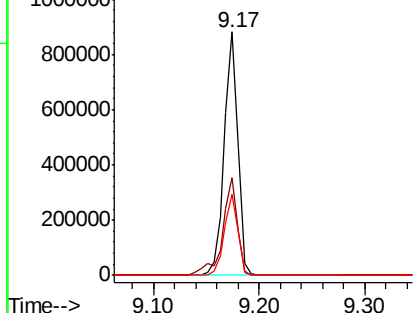
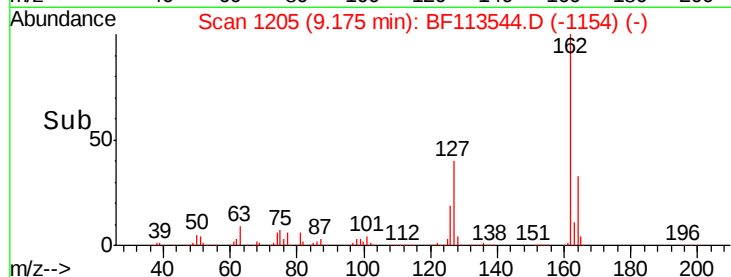
#47
 2-Chloronaphthalene
 Concen: 48.762 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	31.0	46.4
164	33.2	26.6	40.0

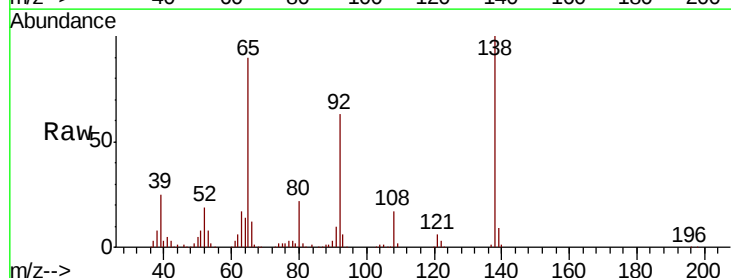


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

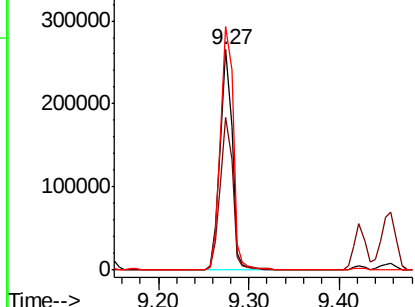
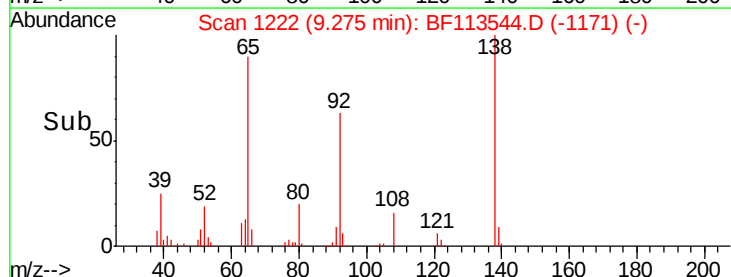


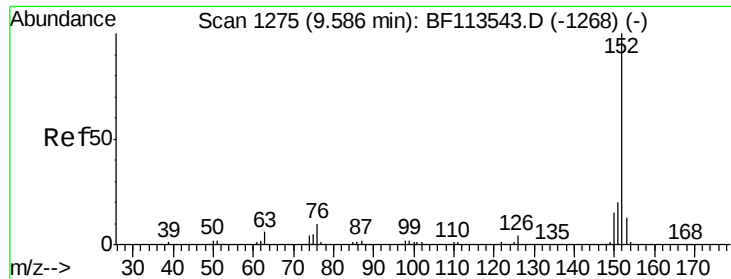
#48
 2-Nitroaniline
 Concen: 47.714 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.6	56.0	84.0
138	110.6	92.1	138.1



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





#49

Acenaphthylene

Concen: 48.854 ng

RT: 9.59 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampleId :

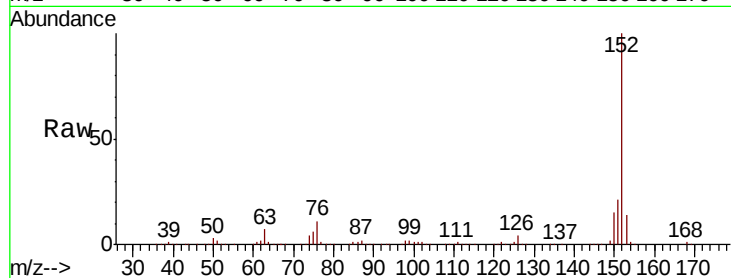
Tot Ion:152 Resp: 1295157

Ion Ratio Lower Upper

152 100

151 20.8 16.3 24.5

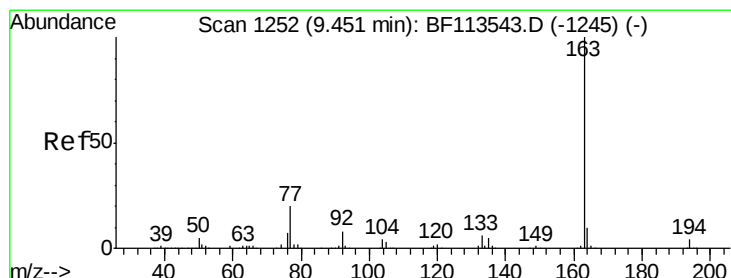
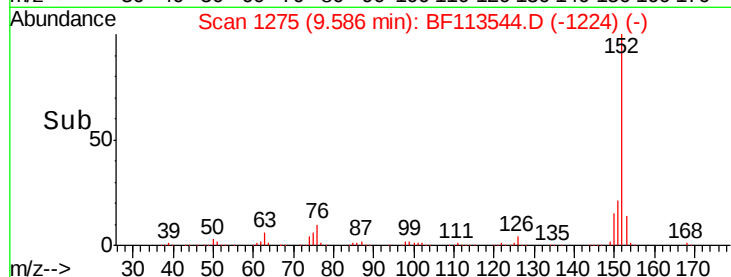
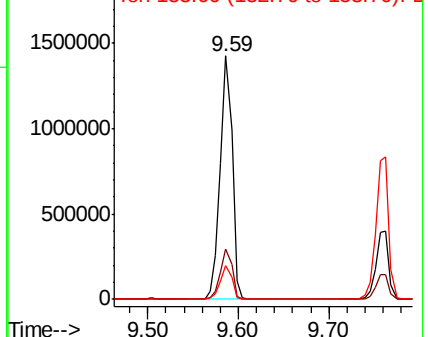
153 13.8 10.8 16.2



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: 49.279 ng

RT: 9.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

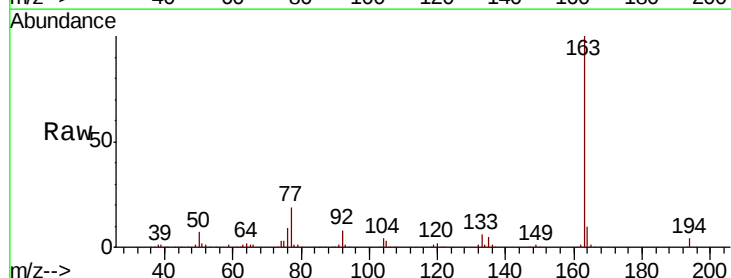
Tgt Ion:163 Resp: 931131

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

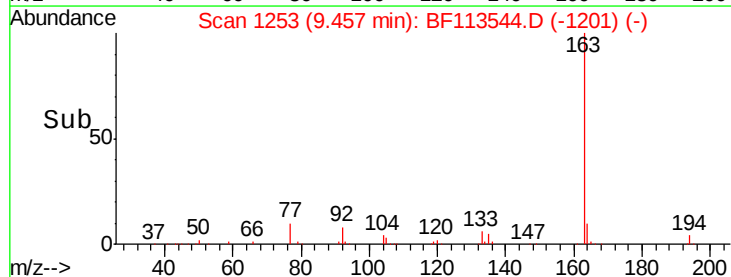
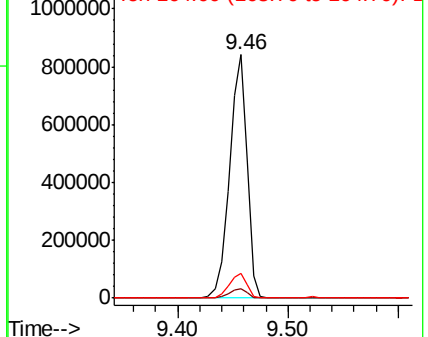
164 10.3 8.2 12.4

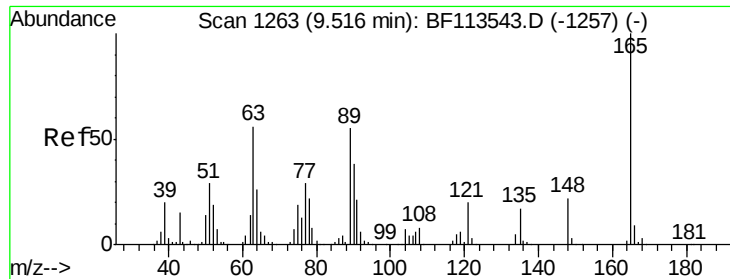


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

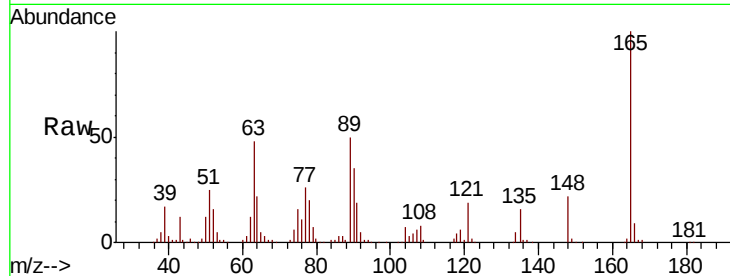




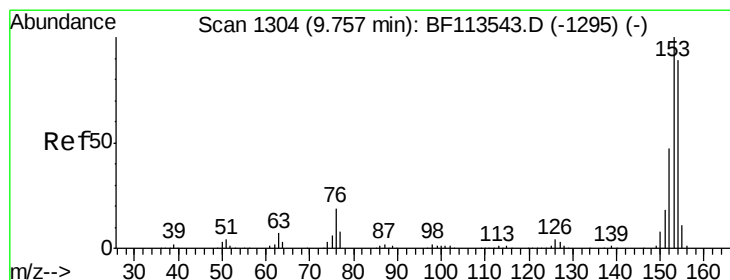
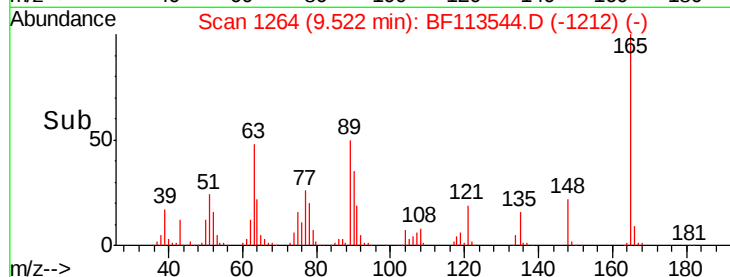
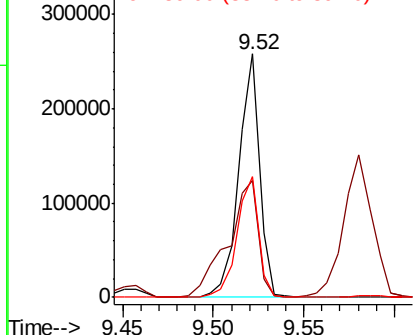
#51
 2,6-Dinitrotoluene
 Concen: 48.367 ng
 RT: 9.52 min Scan# 1264
 Delta R.T. 0.01 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	48.1	45.1	67.7
89	49.7	43.9	65.9

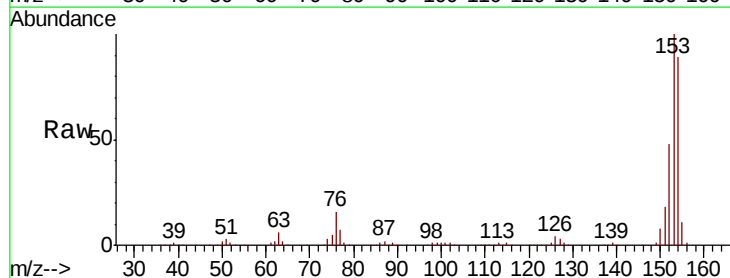


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

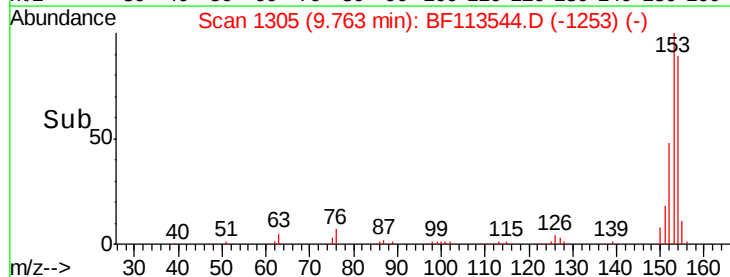
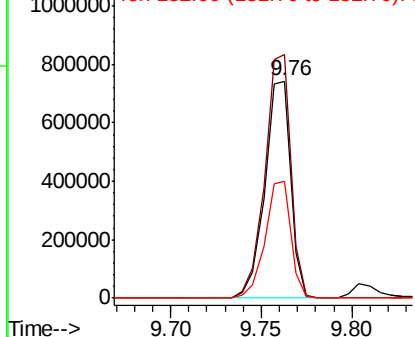


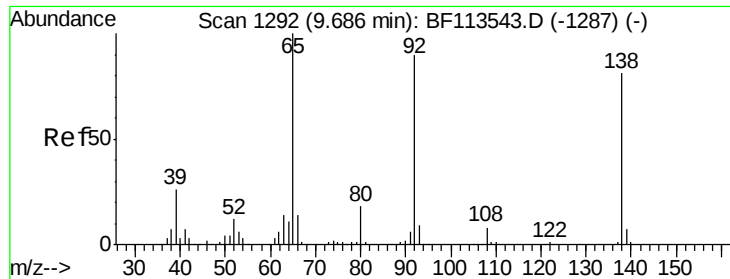
#52
 Acenaphthene
 Concen: 49.529 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. 0.01 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.0	89.8	134.8
152	53.6	42.5	63.7



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

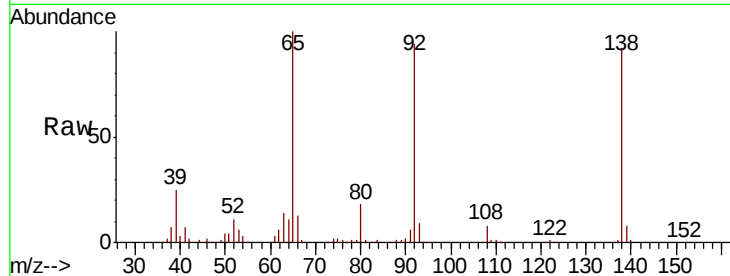




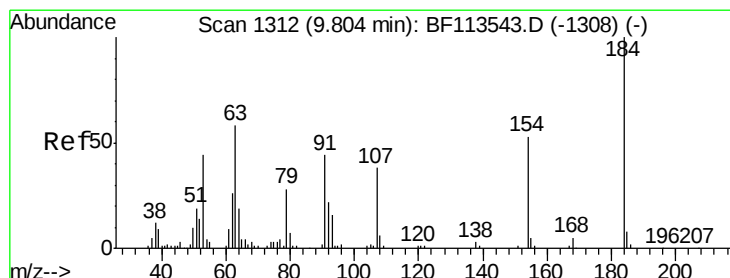
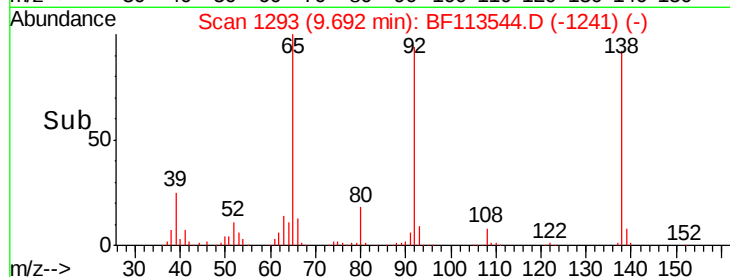
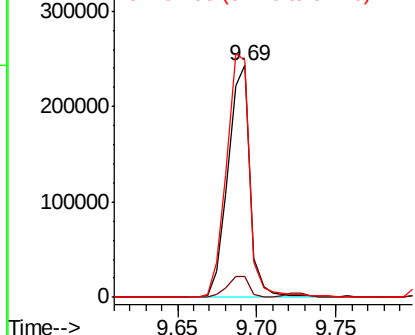
#53
3-Nitroaniline
Concen: 49.236 ng
RT: 9.69 min Scan# 1293
Delta R.T. 0.01 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 236686
Ion Ratio Lower Upper
138 100
108 9.0 7.6 11.4
92 102.4 89.0 133.6

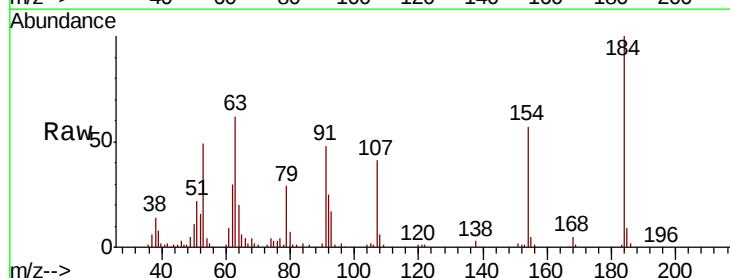


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

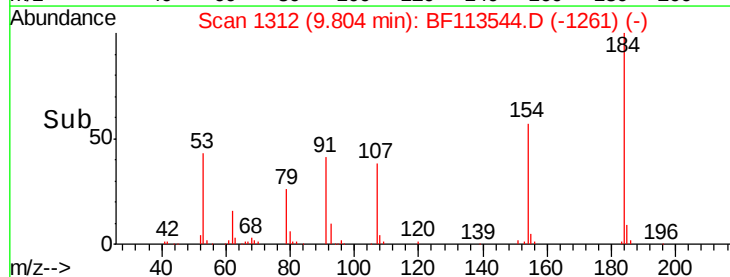
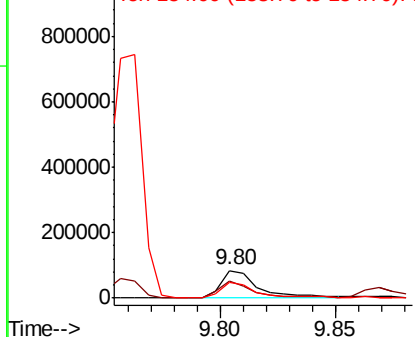


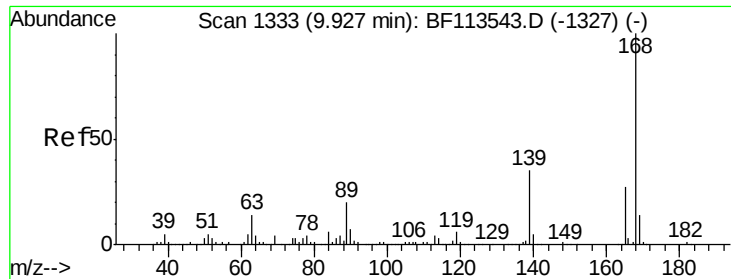
#54
2,4-Dinitrophenol
Concen: 45.082 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion:184 Resp: 95579
Ion Ratio Lower Upper
184 100
63 62.4 46.4 69.6
154 57.0 44.3 66.5



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

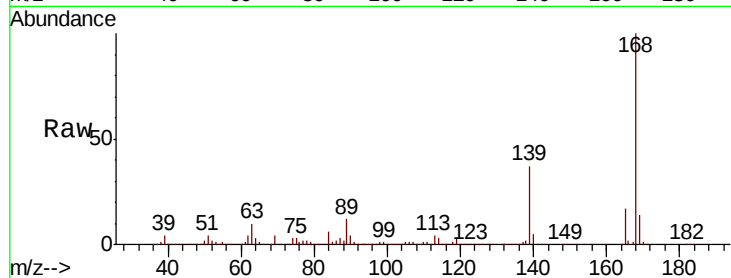




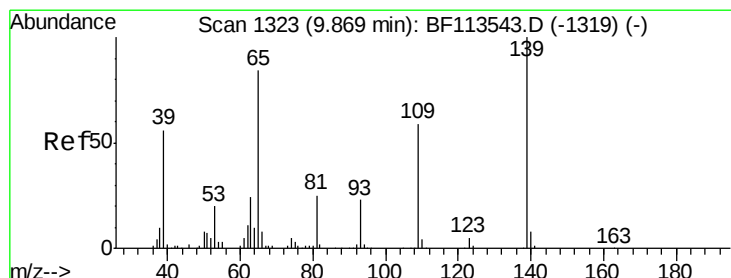
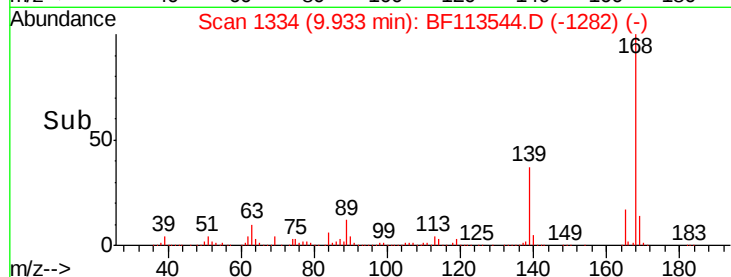
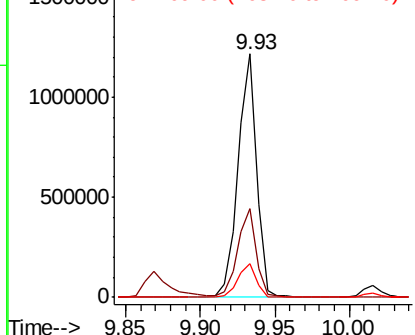
#55
Dibenzofuran
Concen: 47.332 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.01 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1062324
Ion Ratio Lower Upper
168 100
139 36.6 29.3 43.9
169 14.0 11.1 16.7

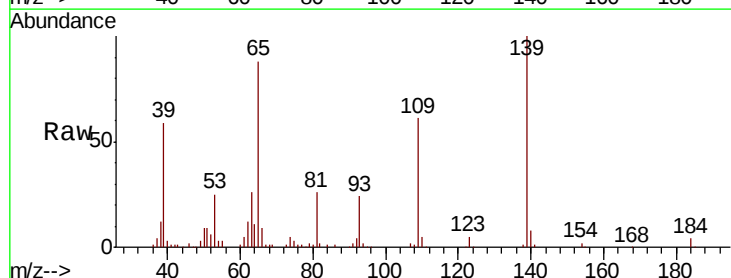


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

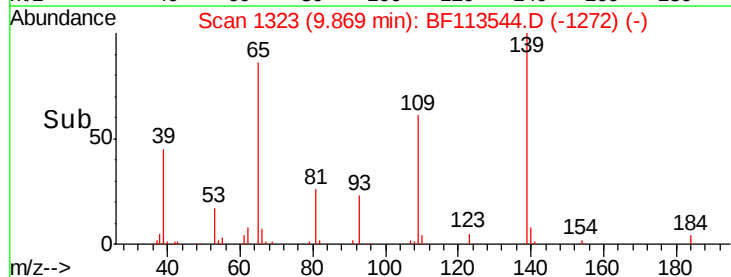
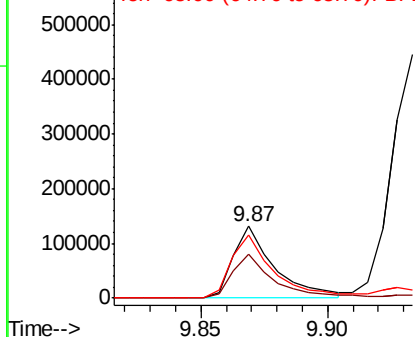


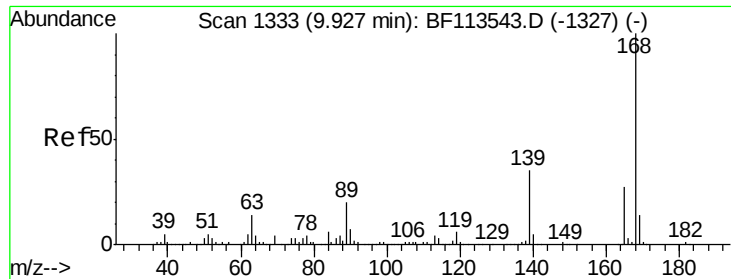
#56
4-Nitrophenol
Concen: 43.193 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion:139 Resp: 148031
Ion Ratio Lower Upper
139 100
109 60.7 38.9 78.9
65 87.7 64.4 104.4



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

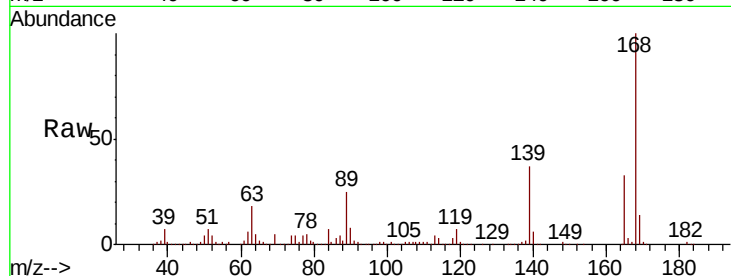




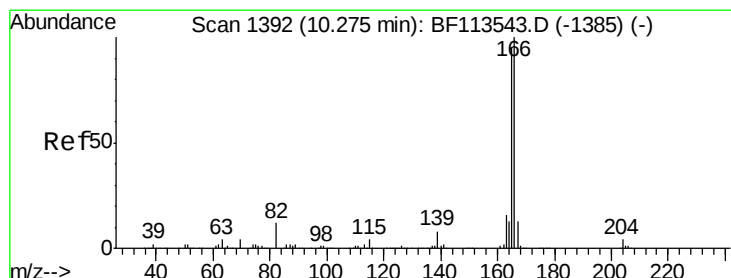
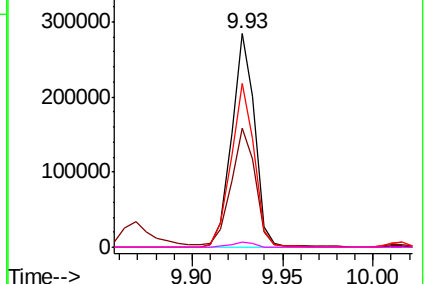
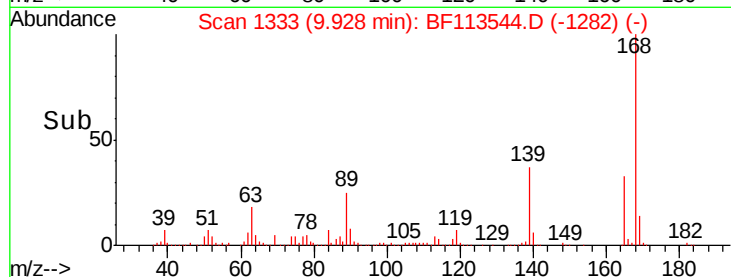
#57
 2,4-Dinitrotoluene
 Concen: 46.416 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 251614
 Ion Ratio Lower Upper
 165 100
 63 55.7 44.7 67.1
 89 76.6 60.4 90.6
 182 2.4 1.9 2.9

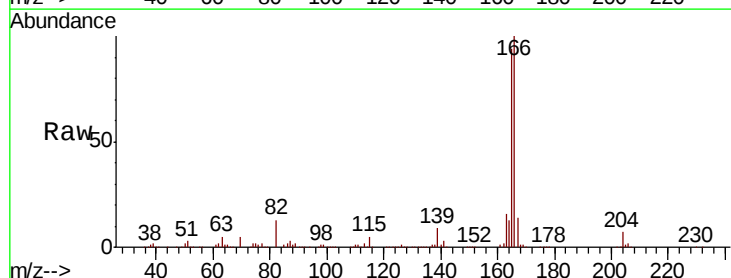


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

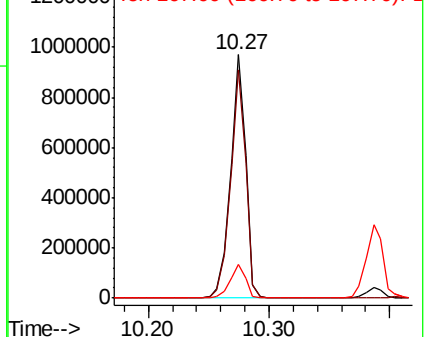
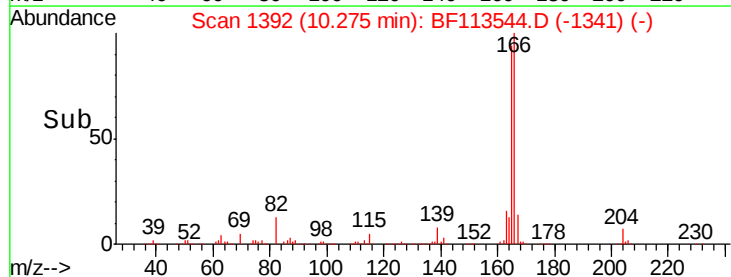


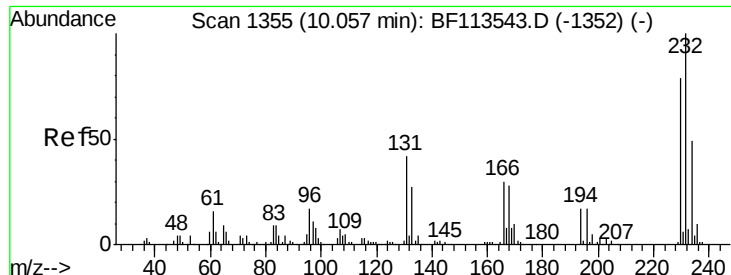
#58
 Fluorene
 Concen: 48.681 ng
 RT: 10.27 min Scan# 1392
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion:166 Resp: 848792
 Ion Ratio Lower Upper
 166 100
 165 93.8 75.9 113.9
 167 13.9 10.7 16.1



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

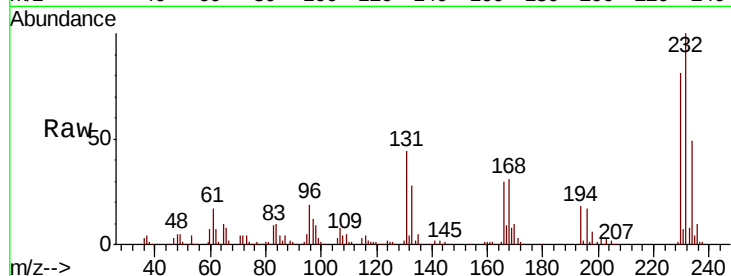




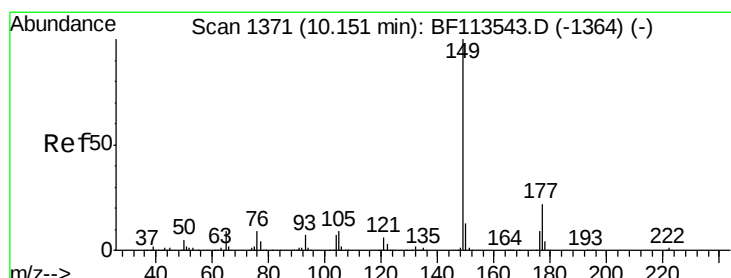
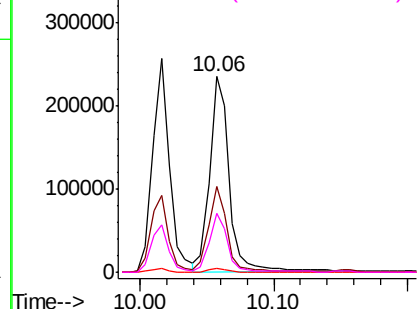
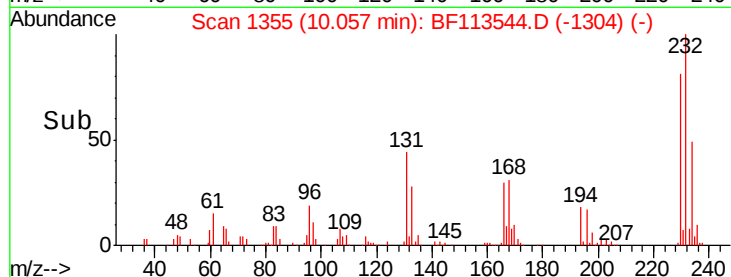
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.752 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	232	Resp:	238180
Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.6	50.4
130	1.9	1.4	2.2
166	28.3	22.4	33.6

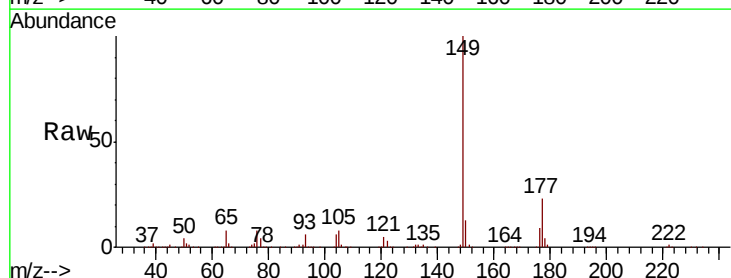


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

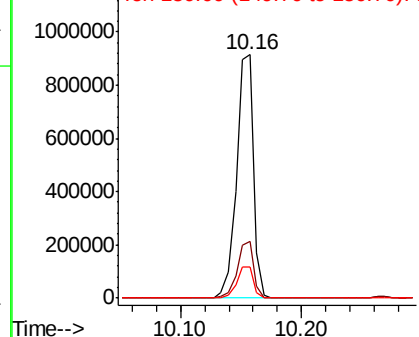
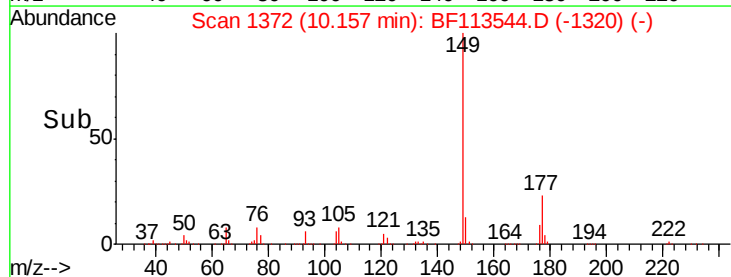


#60
 Diethylphthalate
 Concen: 48.042 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion:	149	Resp:	890507
Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.5	26.3
150	12.6	10.1	15.1



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

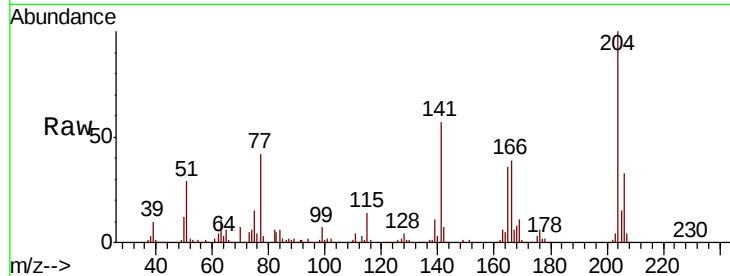




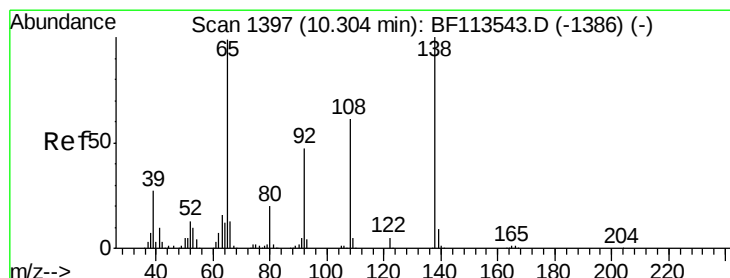
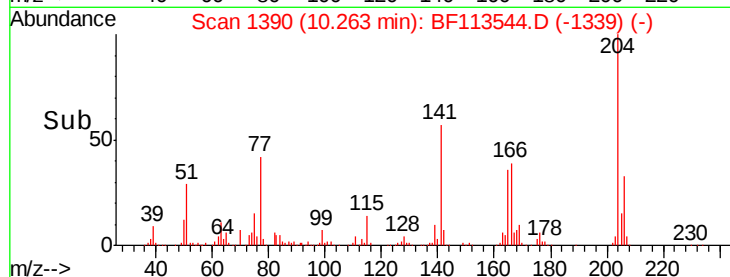
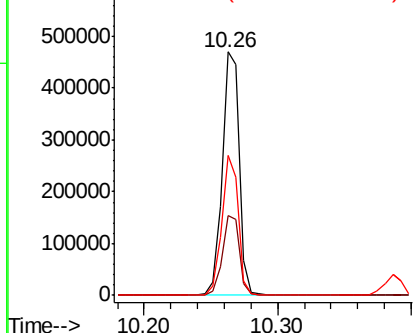
#61
 4-Chlorophenyl-phenylether
 Concen: 49.752 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 422788
 Ion Ratio Lower Upper
 204 100
 206 32.6 25.8 38.6
 141 57.4 45.6 68.4

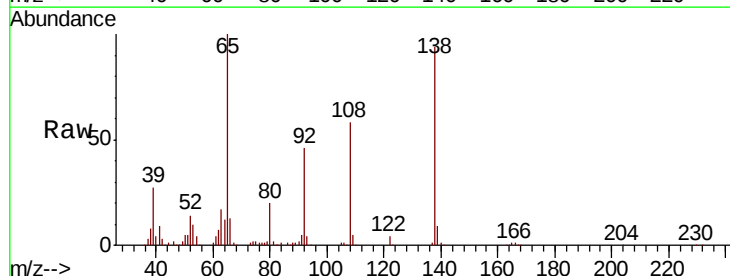


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

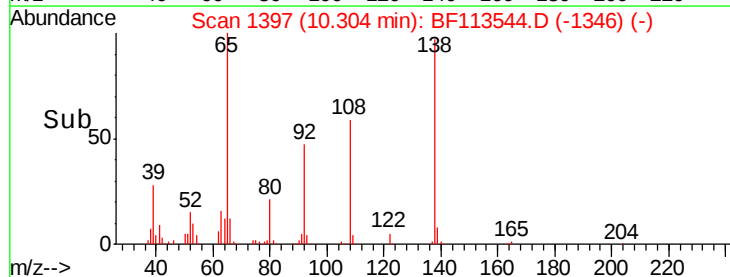
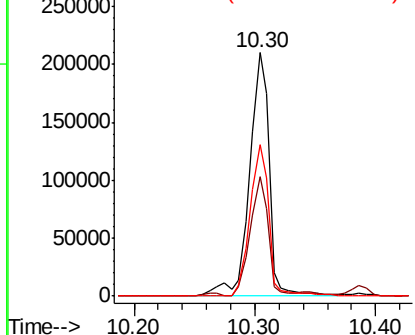


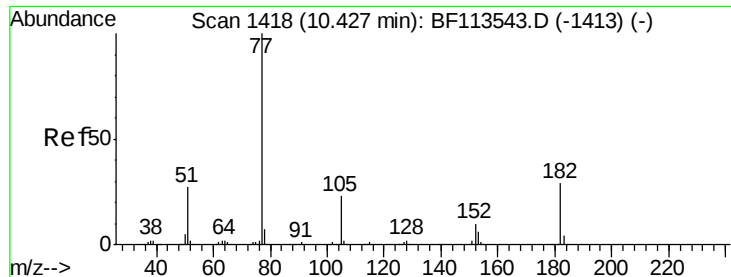
#62
 4-Nitroaniline
 Concen: 48.773 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion:138 Resp: 241395
 Ion Ratio Lower Upper
 138 100
 92 48.9 26.8 66.8
 108 62.0 40.8 80.8



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: 48.687 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 849523

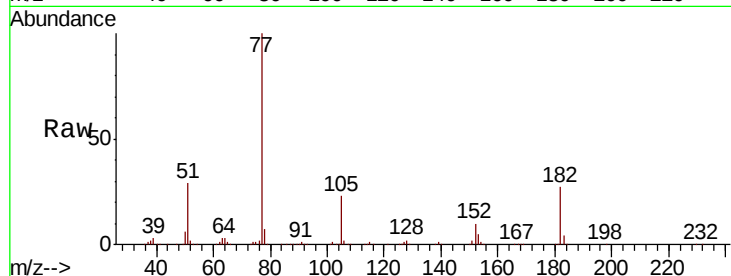
Ion Ratio Lower Upper

77 100

182 27.4 9.1 49.1

105 23.4 3.4 43.4

51 28.6 7.7 47.7

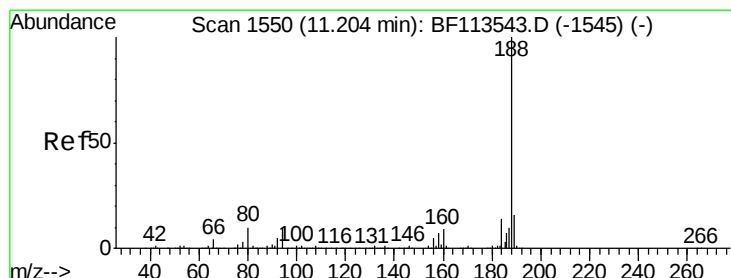
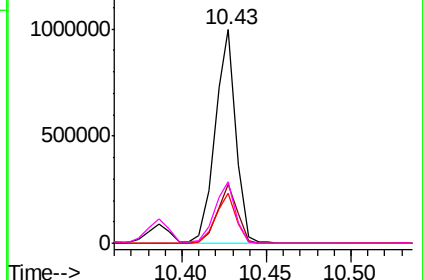
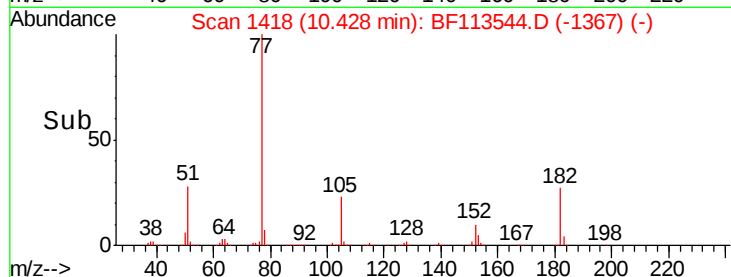


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.20 min Scan# 1550

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

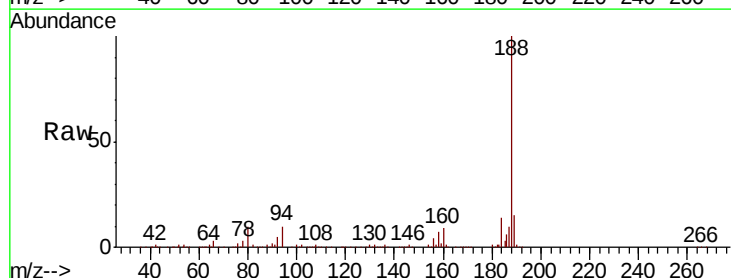
Tgt Ion: 188 Resp: 502237

Ion Ratio Lower Upper

188 100

94 9.8 8.0 12.0

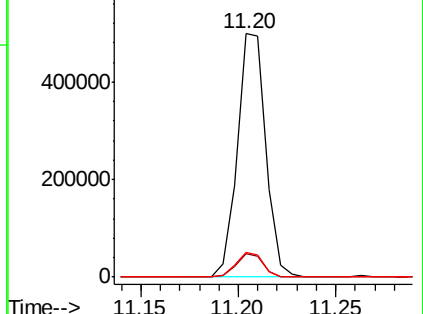
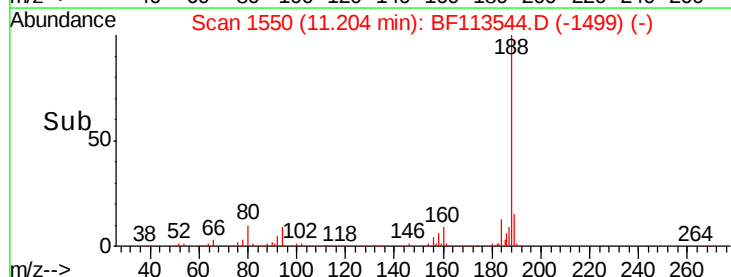
80 10.2 8.2 12.4



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

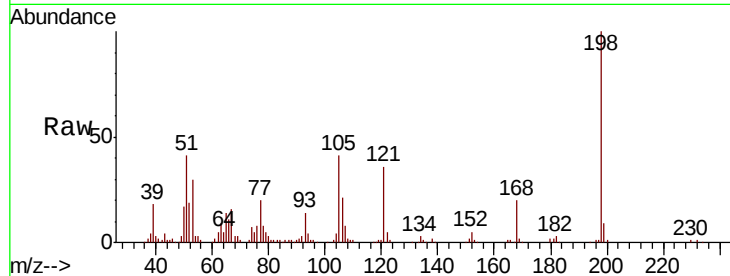




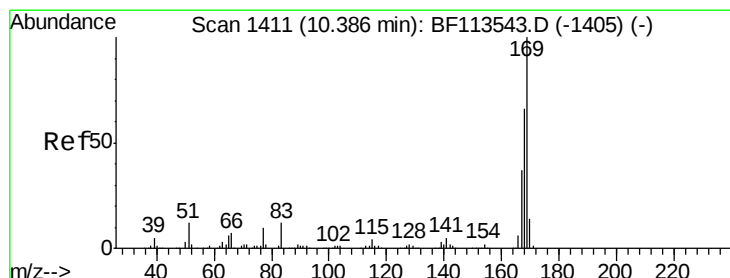
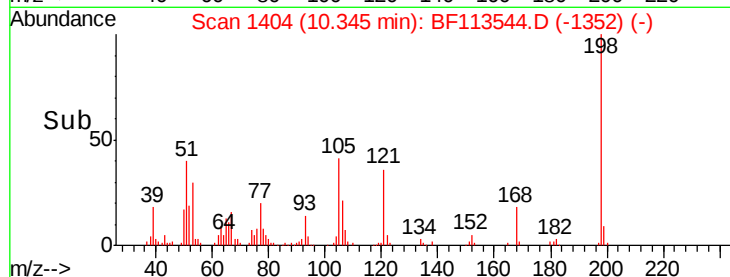
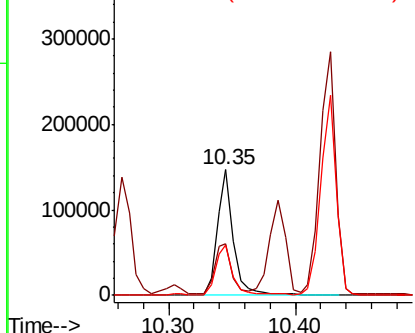
#65
4,6-Dinitro-2-methylphenol
Concen: 47.958 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 131763
Ion Ratio Lower Upper
198 100
51 40.6 31.0 71.0
105 40.6 26.1 66.1

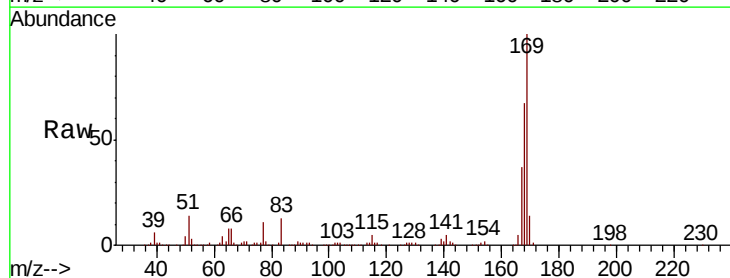


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

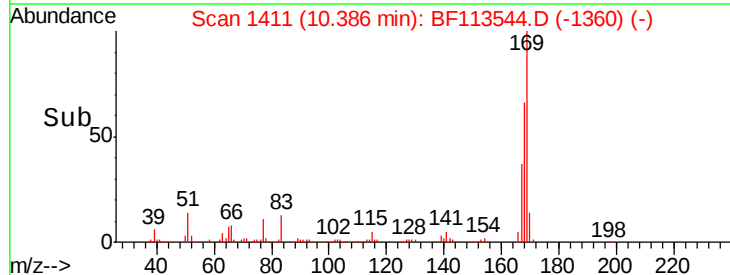
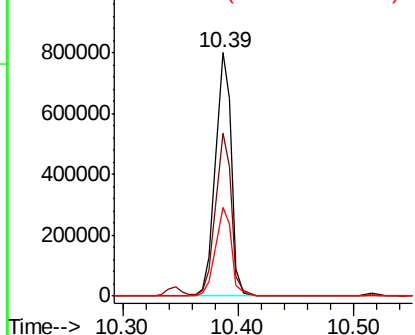


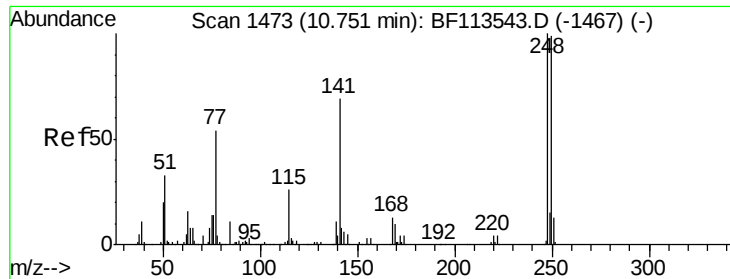
#66
n-Nitrosodiphenylamine
Concen: 49.332 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion:169 Resp: 760276
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.7 29.6 44.4



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

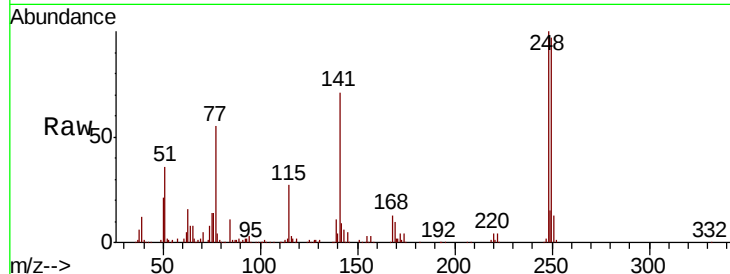




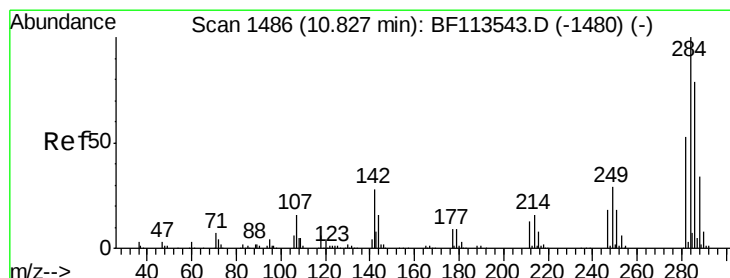
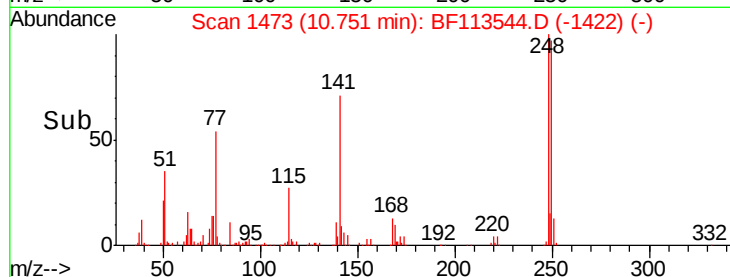
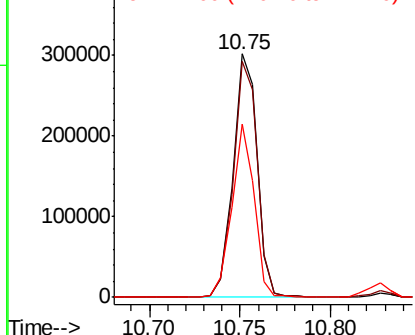
#67
4-Bromophenyl-phenylether
Concen: 50.852 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.9	118.3
141	71.0	55.0	82.4

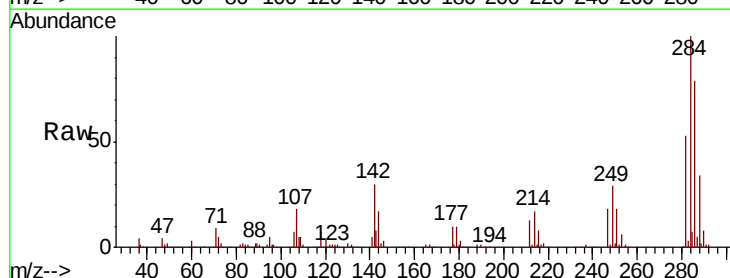


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

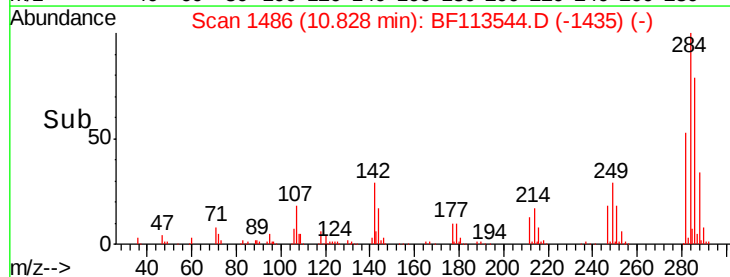
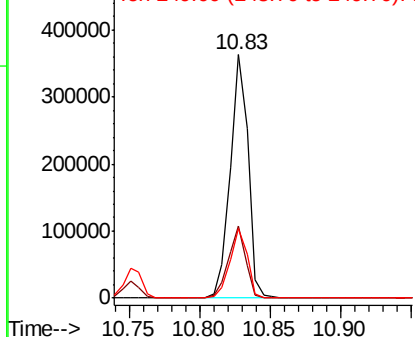


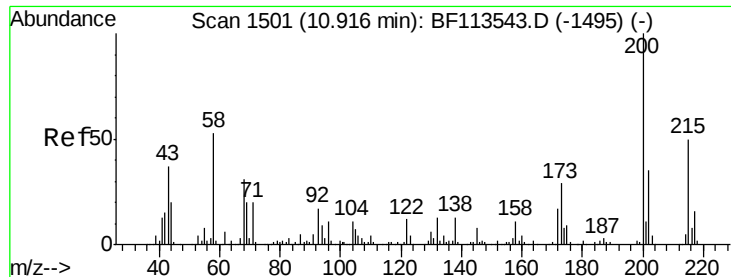
#68
Hexachlorobenzene
Concen: 50.243 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.8	22.5	33.7
249	28.7	22.9	34.3



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

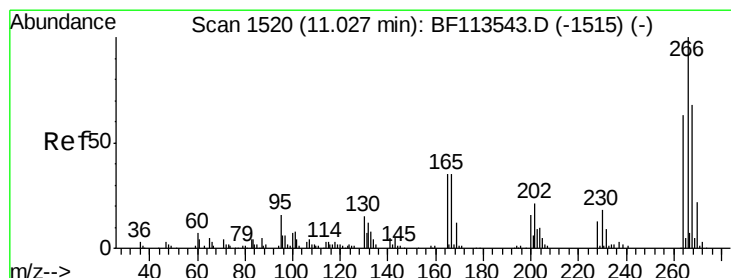
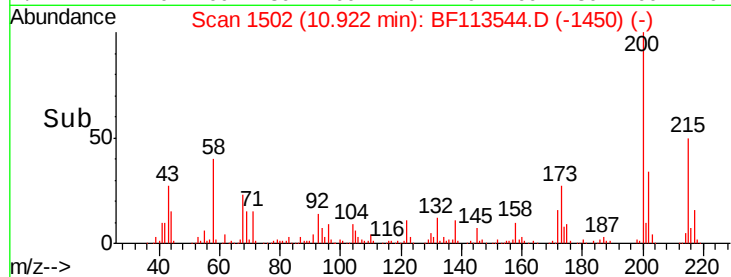
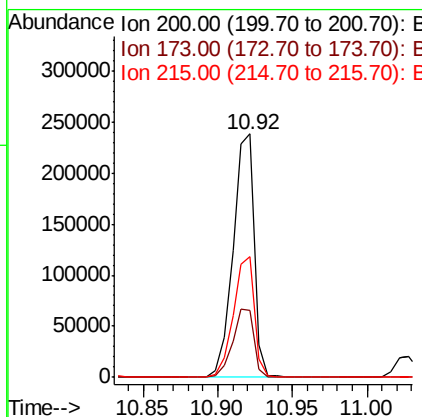
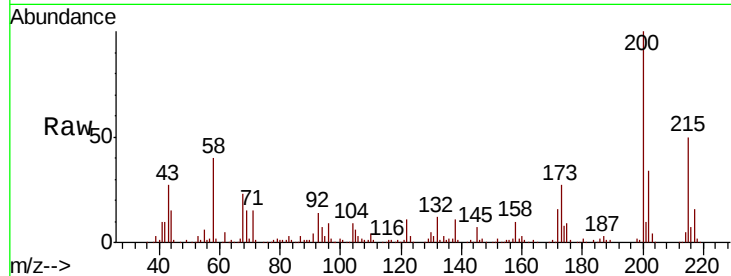




#69
 Atrazine
 Concen: 49.036 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. 0.01 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

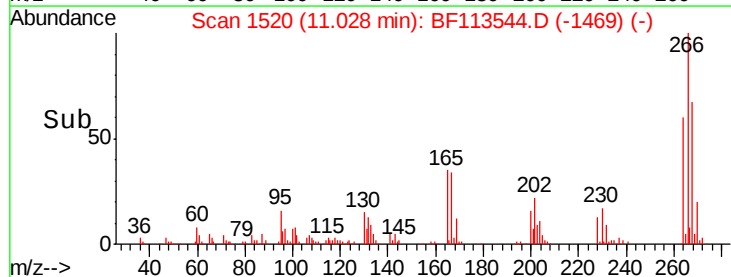
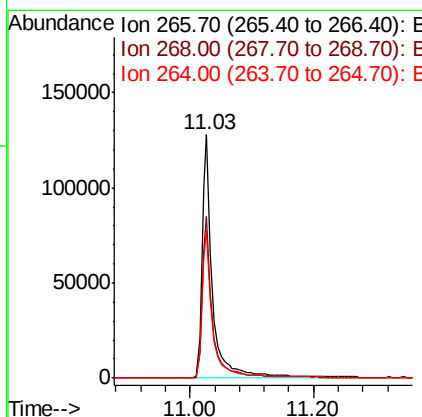
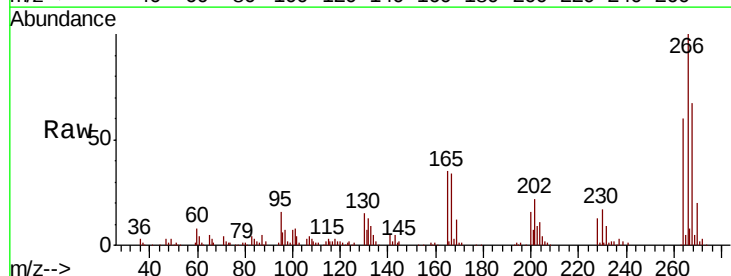
Instrument :
 BNA_F
 ClientSampleId :

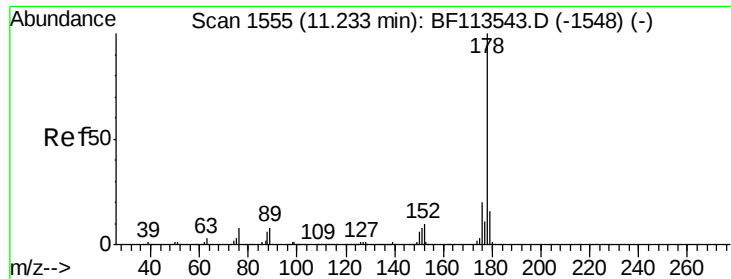
Tot Ion:200 Resp: 238530
 Ion Ratio Lower Upper
 200 100
 173 27.3 8.7 48.7
 215 49.6 29.6 69.6



#70
 Pentachlorophenol
 Concen: 47.191 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion:266 Resp: 156221
 Ion Ratio Lower Upper
 266 100
 268 66.6 54.7 82.1
 264 60.5 50.0 75.0





#71

Phenanthrene

Concen: 48.716 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampleId :

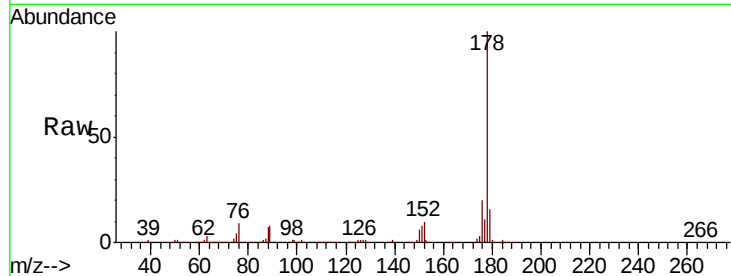
Tot Ion:178 Resp: 1215034

Ion Ratio Lower Upper

178 100

176 20.3 15.8 23.8

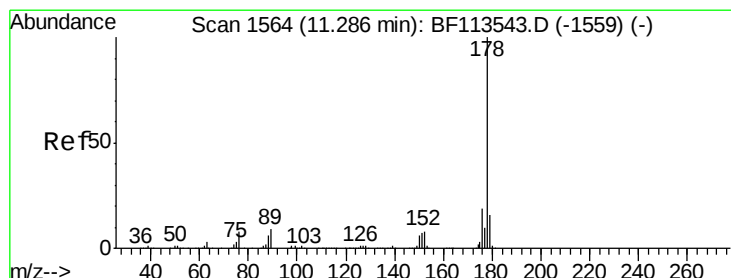
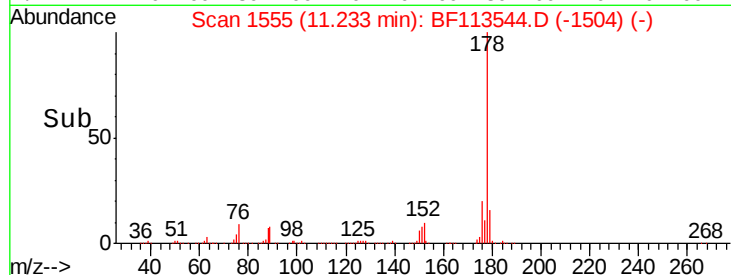
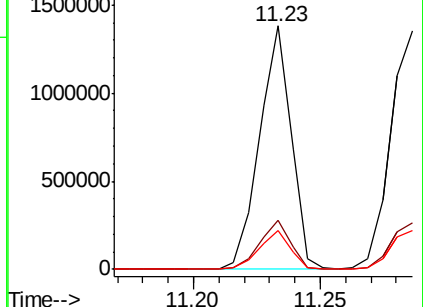
179 16.0 12.6 19.0



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: 48.618 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

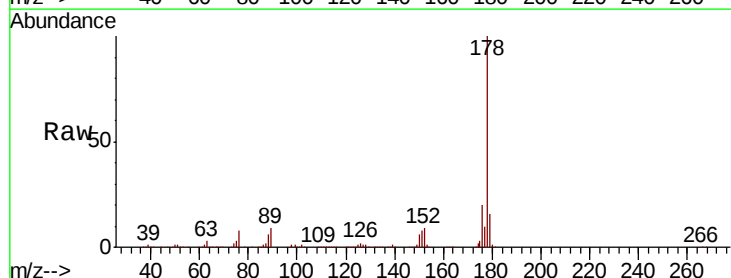
Tgt Ion:178 Resp: 1231676

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

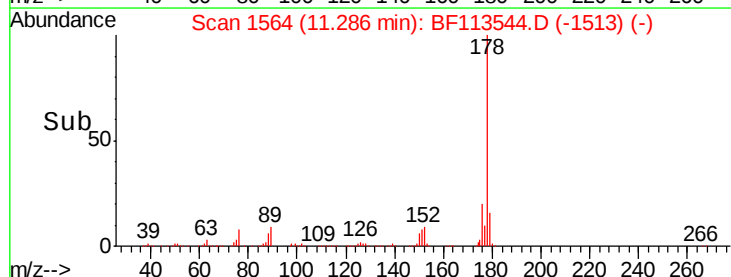
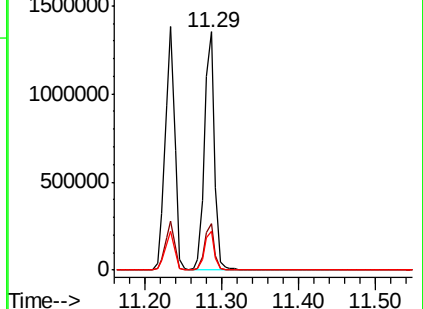
179 16.2 12.5 18.7

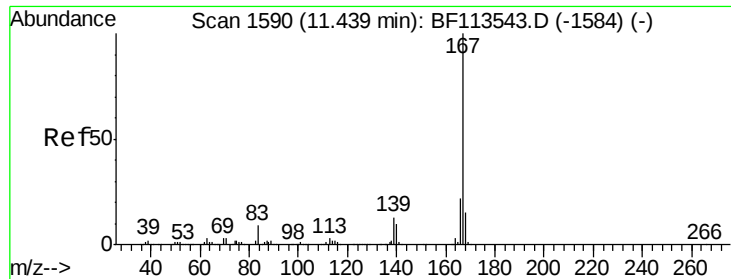


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 48.105 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampleId :

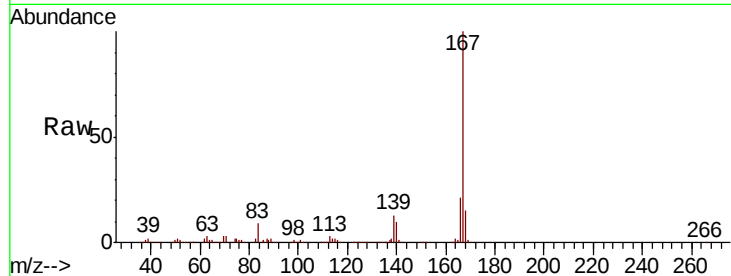
Tot Ion:167 Resp: 1162877

Ion Ratio Lower Upper

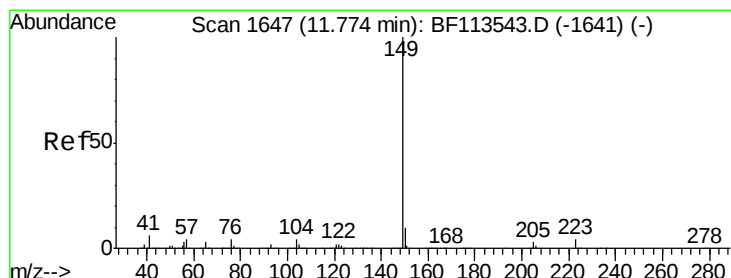
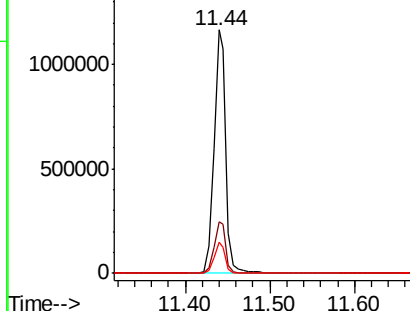
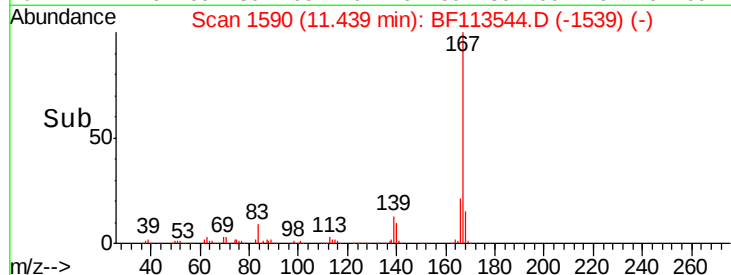
167 100

166 21.5 17.4 26.0

139 13.0 10.3 15.5



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: 48.381 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

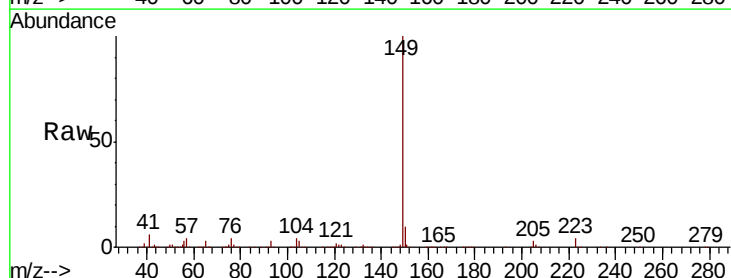
Tgt Ion:149 Resp: 1356247

Ion Ratio Lower Upper

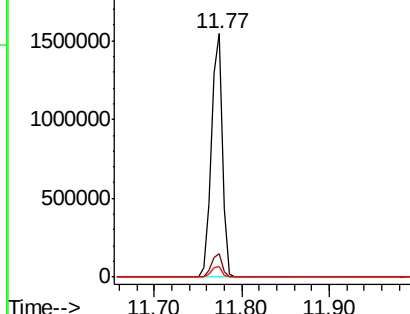
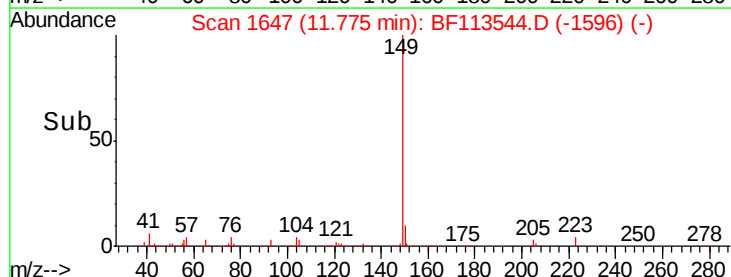
149 100

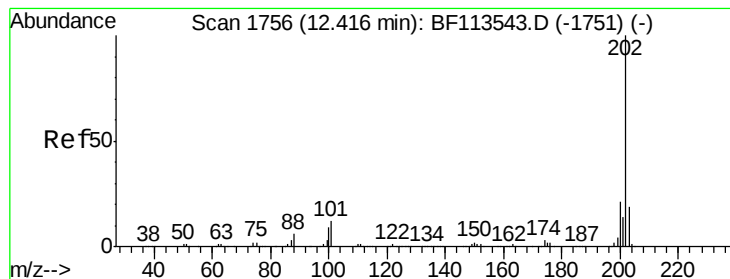
150 9.5 7.6 11.4

104 4.2 3.3 4.9



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: 45.501 ng

RT: 12.42 min Scan# 1756

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

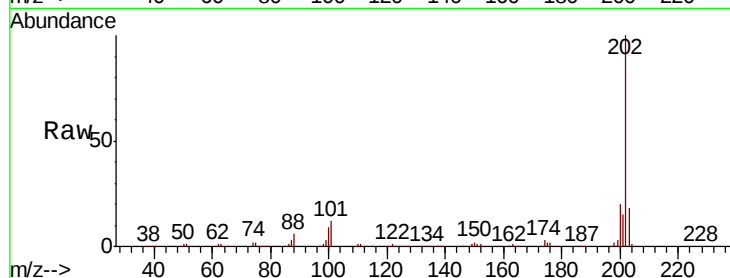
Instrument :

BNA_F

ClientSampleId :

Tot Ion:202 Resp: 1282937

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.2
203	17.8	0.0	38.6

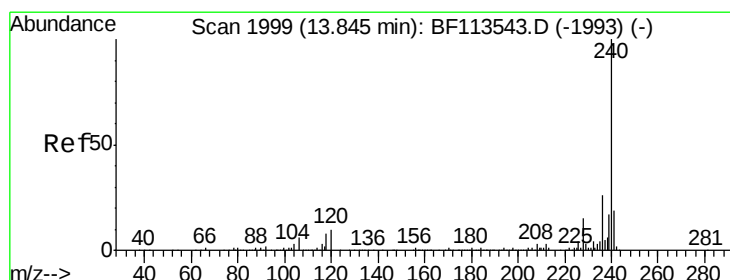
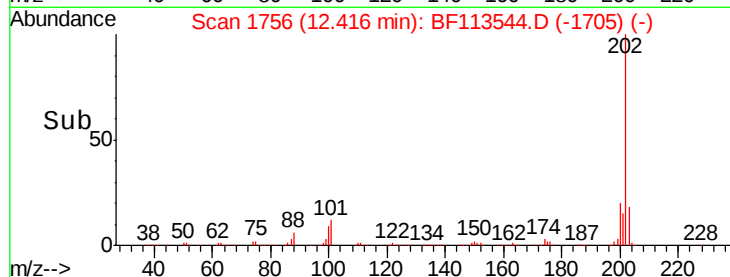
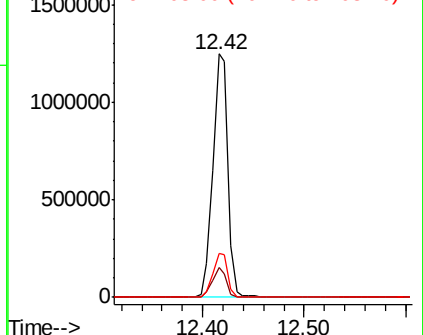


Abundance

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: 13.85 min Scan# 1999

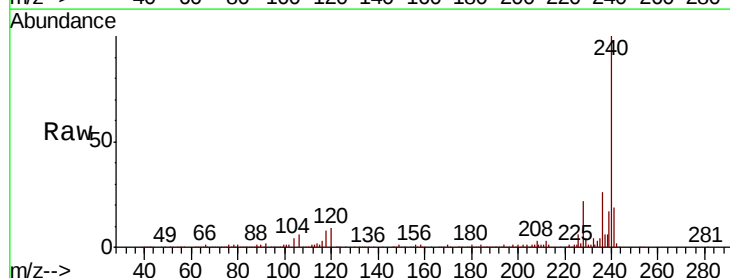
Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Tgt Ion:240 Resp: 330677

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.0	12.0
236	25.5	20.9	31.3

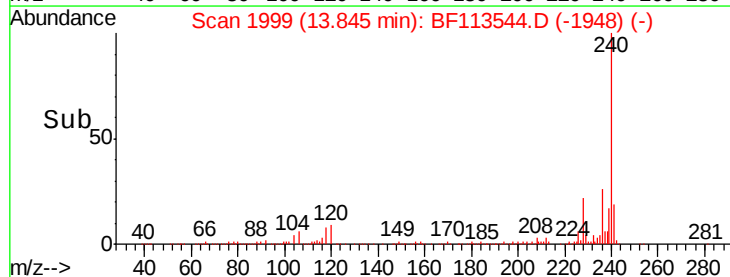
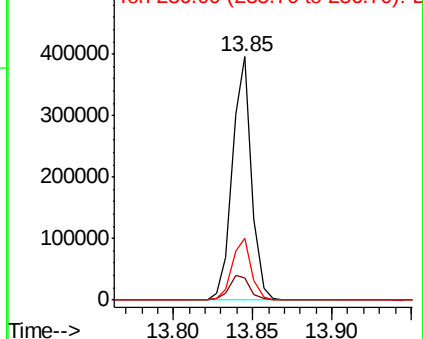


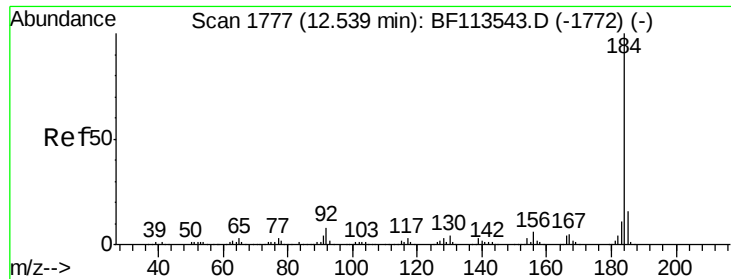
Abundance

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: 50.143 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

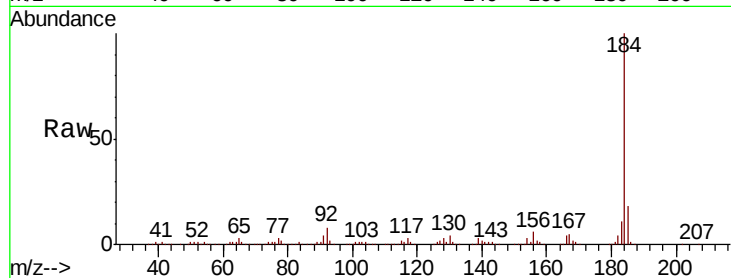
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 634971

Ion	Ratio	Lower	Upper
184	100		
185	17.6	13.0	19.6
183	11.0	8.7	13.1

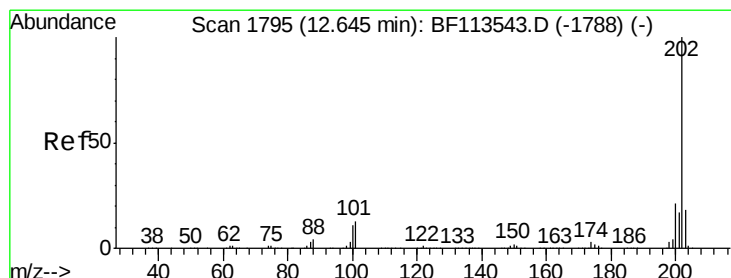
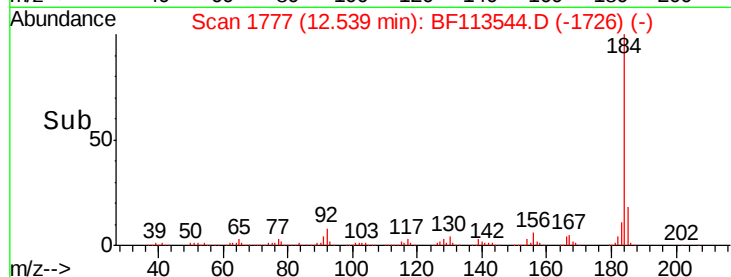
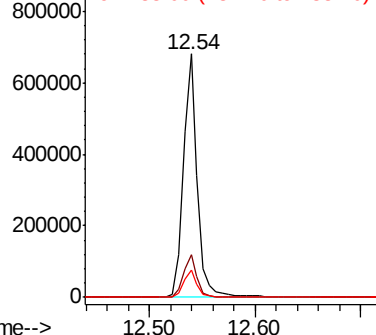


Abundance

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: 55.606 ng

RT: 12.65 min Scan# 1795

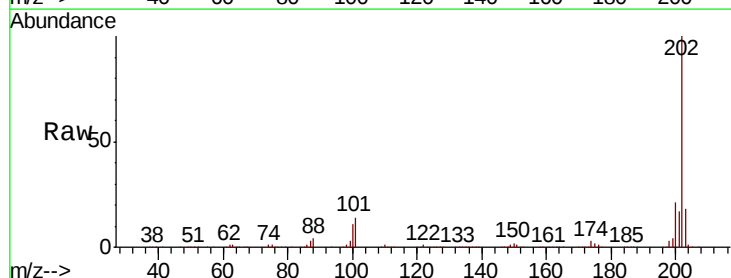
Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Tgt Ion:202 Resp: 1274195

Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.8	25.2
203	18.2	14.6	21.8

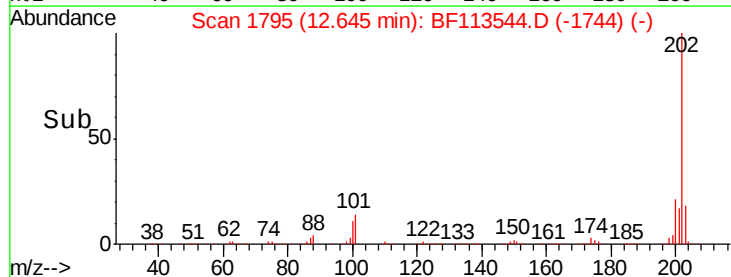
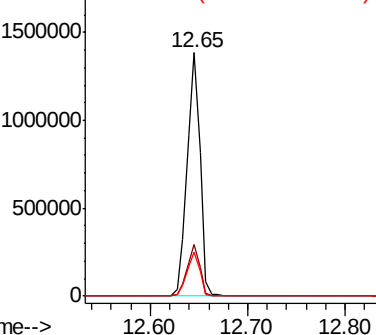


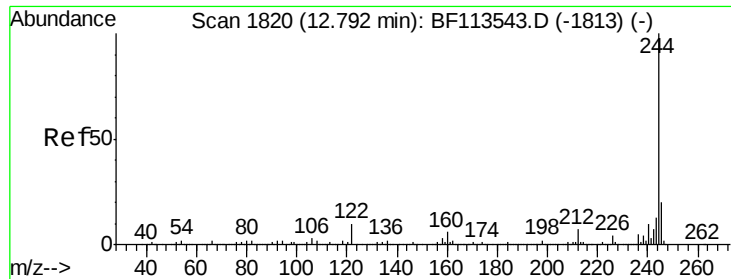
Abundance

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

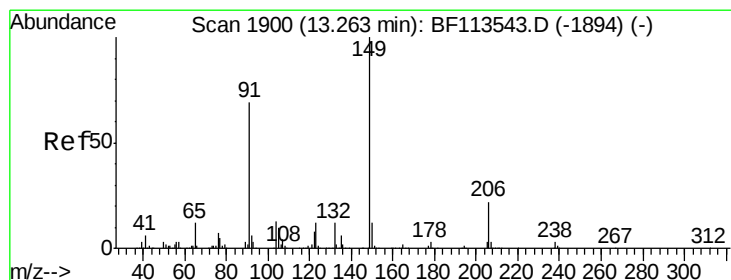
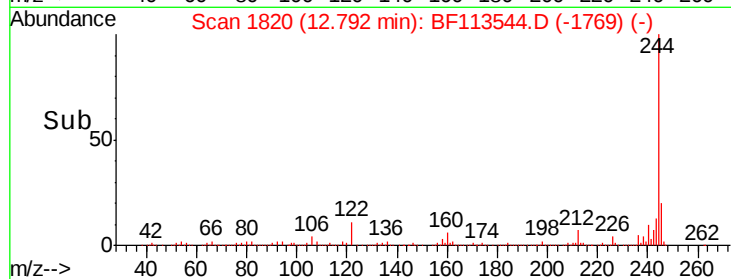
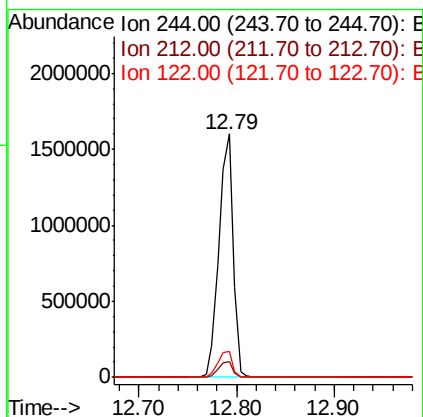
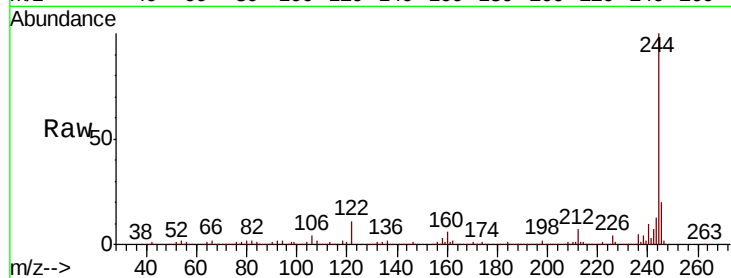




#79
 Terphenyl-d14
 Concen: 108.436 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

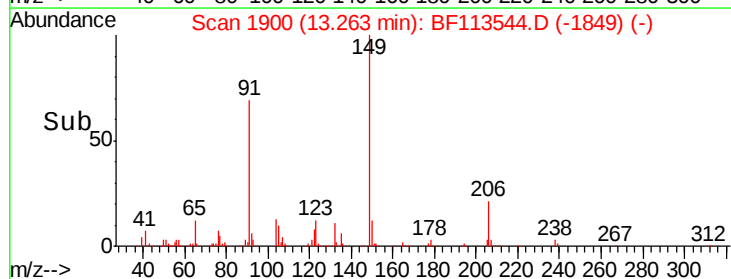
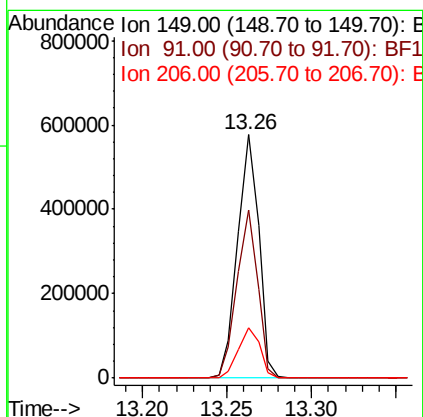
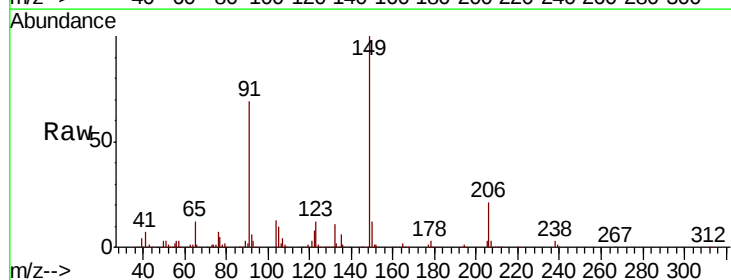
Instrument :
 BNA_F
 ClientSampleId :

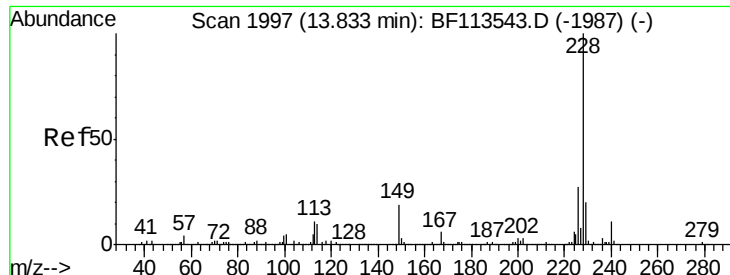
Tot Ion:244 Resp: 1626796
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 10.6 8.2 12.4



#80
 Butylbenzylphthalate
 Concen: 50.092 ng
 RT: 13.26 min Scan# 1900
 Delta R.T. 0.00 min
 Lab File: BF113544.D
 Acq: 3 Apr 2019 12:57

Tgt Ion:149 Resp: 505865
 Ion Ratio Lower Upper
 149 100
 91 68.9 54.9 82.3
 206 20.7 17.5 26.3





#81

Benzo(a)anthracene

Concen: 49.598 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampleId :

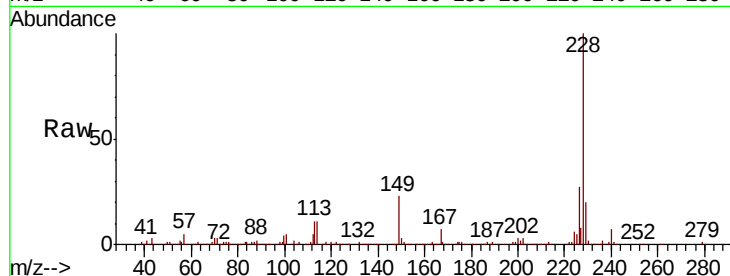
Tot Ion:228 Resp: 938824

Ion Ratio Lower Upper

228 100

226 27.0 21.2 31.8

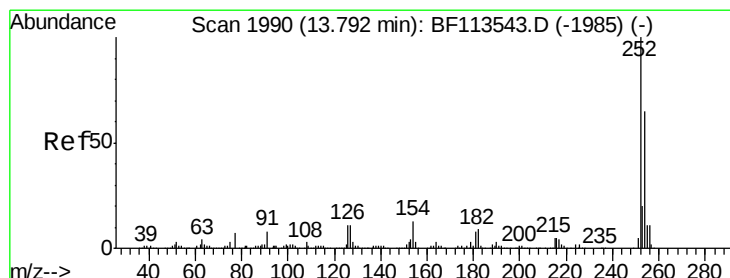
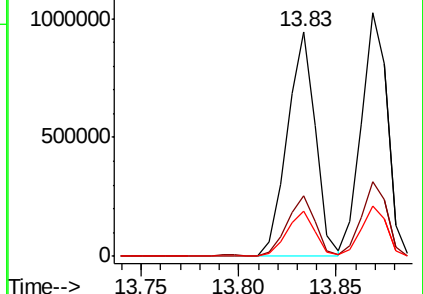
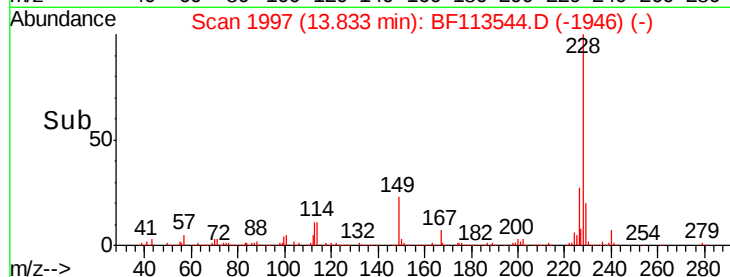
229 19.9 15.8 23.8



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: 47.681 ng

RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

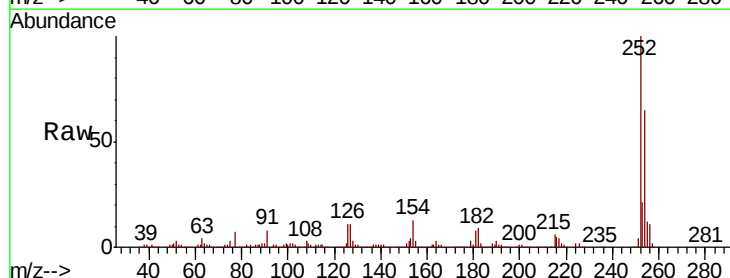
Tgt Ion:252 Resp: 362070

Ion Ratio Lower Upper

252 100

254 64.9 52.1 78.1

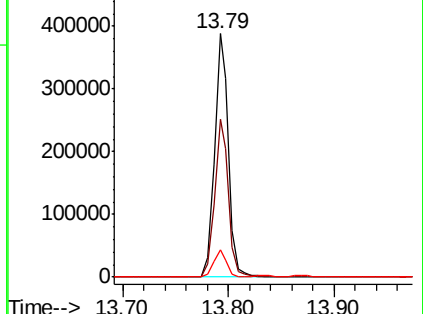
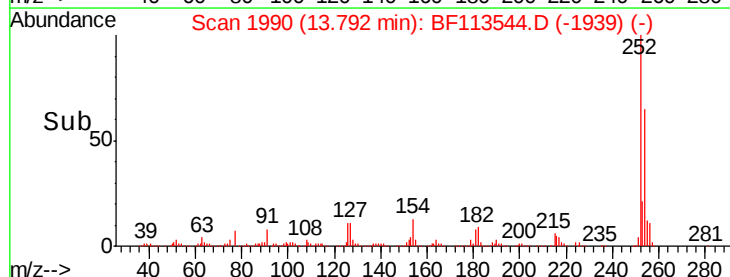
126 11.3 8.8 13.2

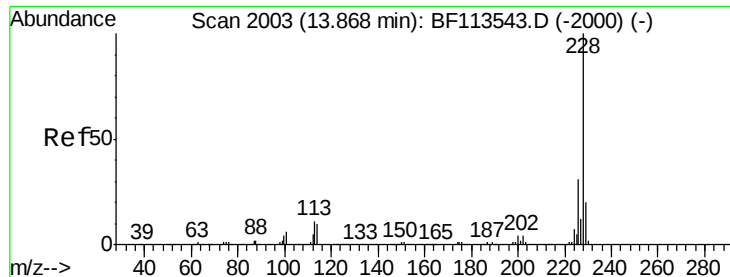


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 49.866 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampled :

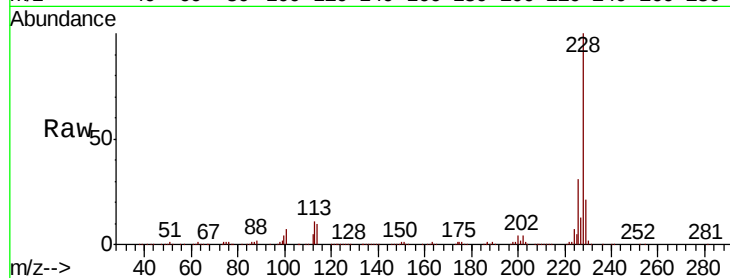
Tot Ion:228 Resp: 958730

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

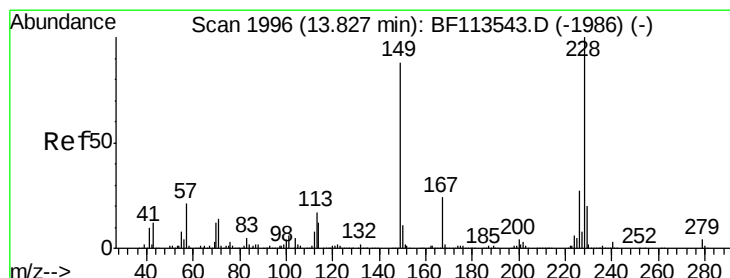
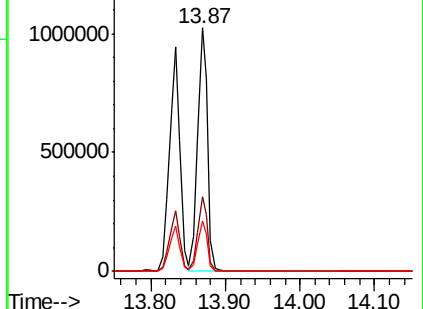
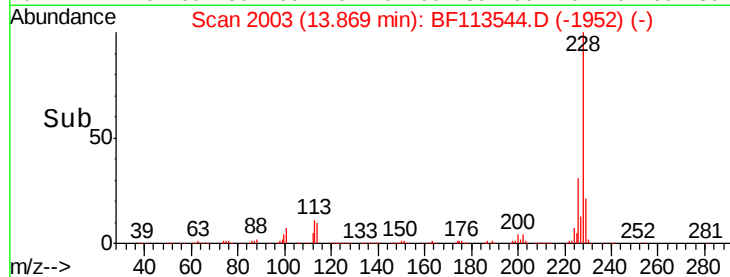
229 20.6 16.3 24.5



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: 48.488 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

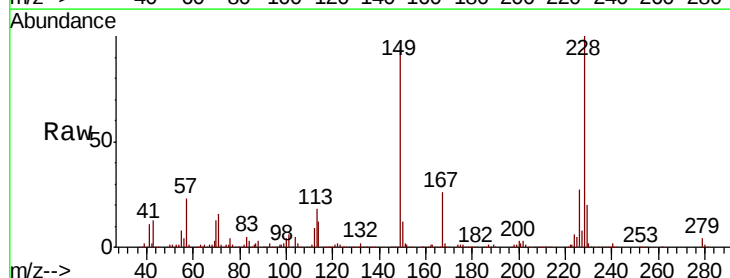
Tgt Ion:149 Resp: 600285

Ion Ratio Lower Upper

149 100

167 27.6 22.1 33.1

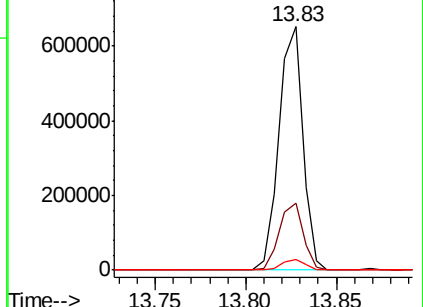
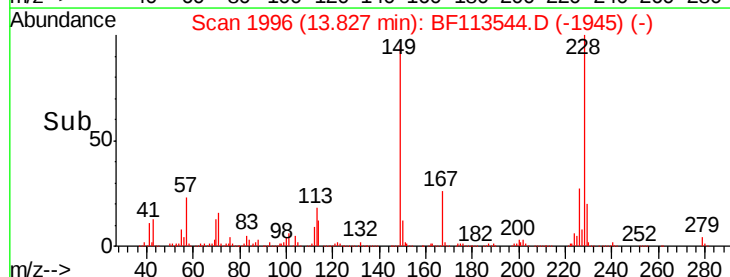
279 4.2 3.6 5.4

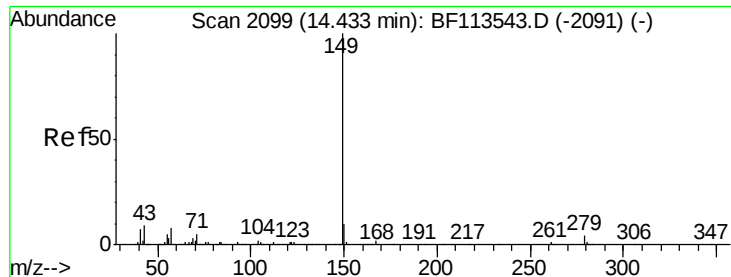


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

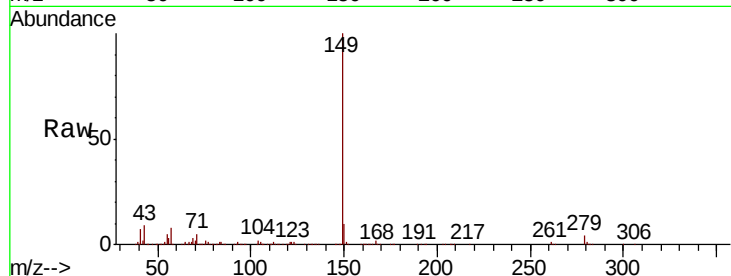




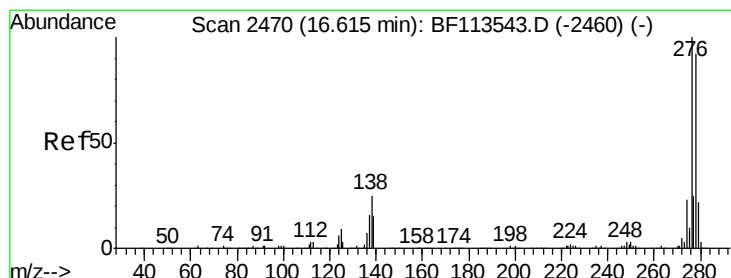
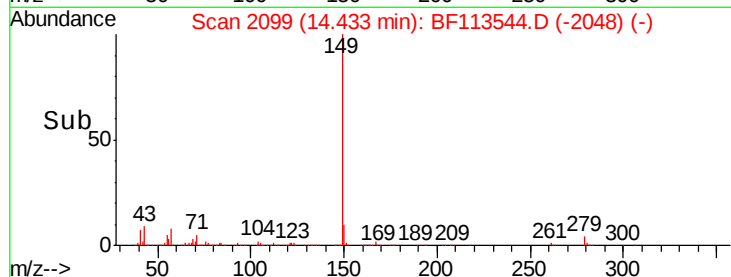
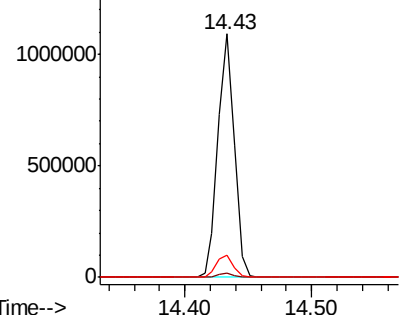
#85
Di-n-octyl phthalate
Concen: 46.108 ng
RT: 14.43 min Scan# 2099
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 968920
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.4 7.7 11.5

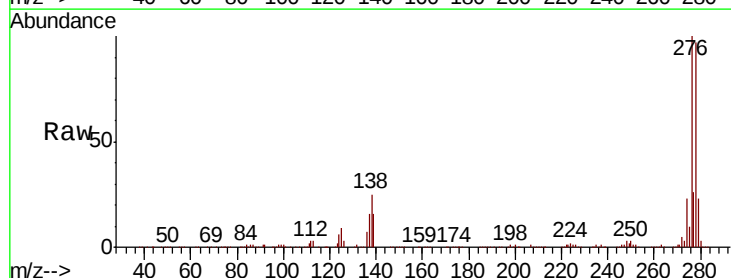


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

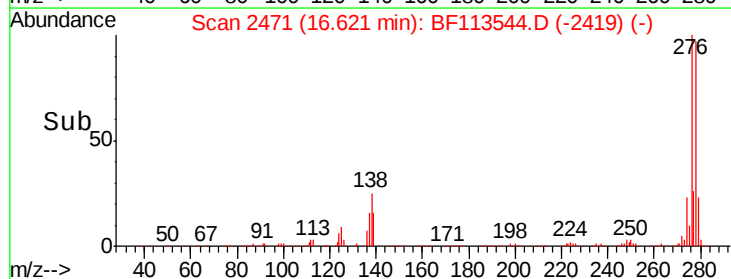
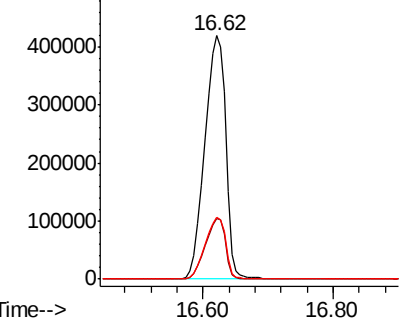


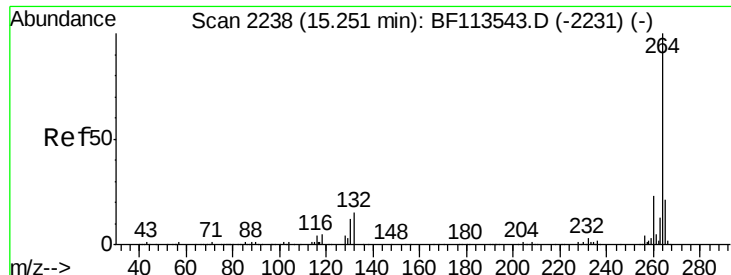
#86
Indeno(1,2,3-cd)pyrene
Concen: 56.691 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion:276 Resp: 935427
Ion Ratio Lower Upper
276 100
138 23.8 19.2 28.8
277 25.0 20.0 30.0



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: 15.24 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

Instrument :

BNA_F

ClientSampleId :

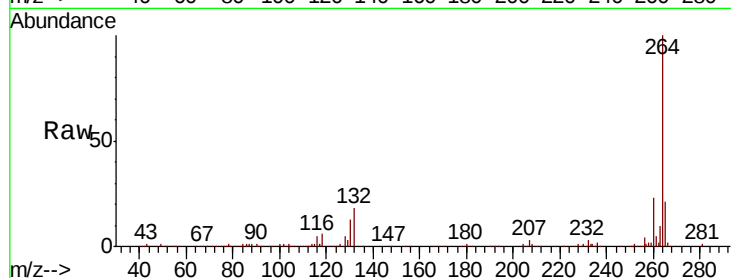
Tot Ion:264 Resp: 285422

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

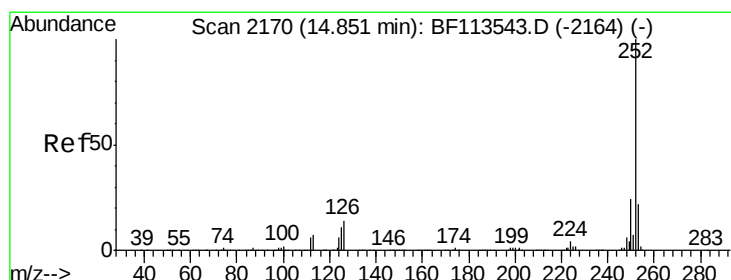
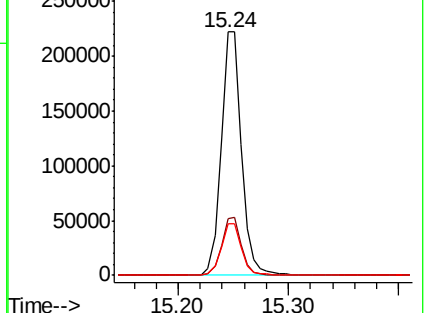
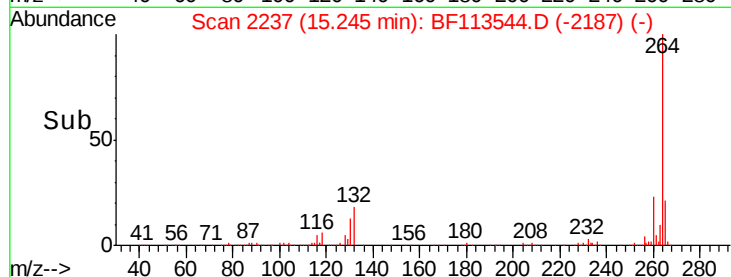
265 21.1 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 51.647 ng

RT: 14.85 min Scan# 2170

Delta R.T. 0.00 min

Lab File: BF113544.D

Acq: 3 Apr 2019 12:57

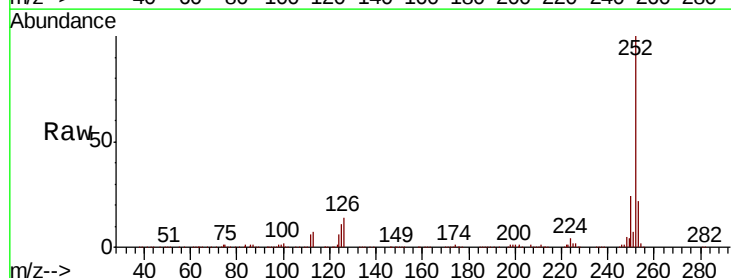
Tgt Ion:252 Resp: 915727

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

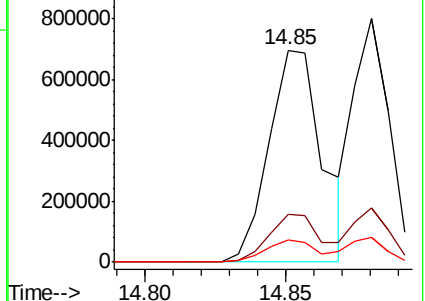
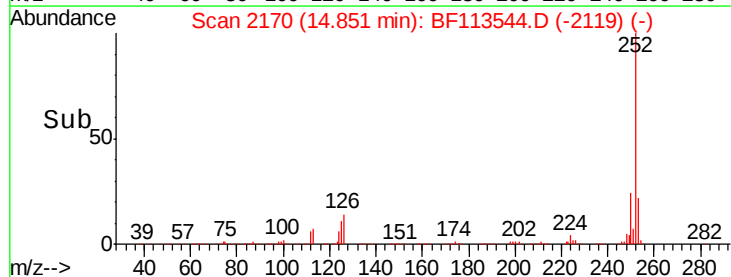
125 10.7 8.4 12.6

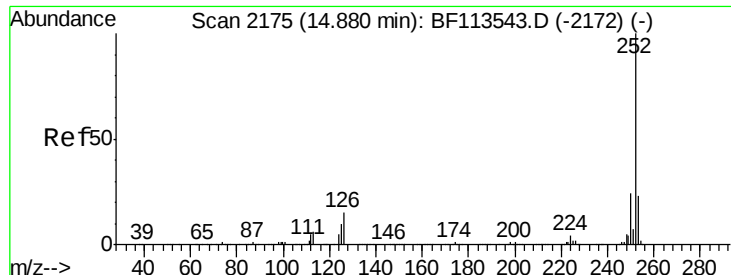


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

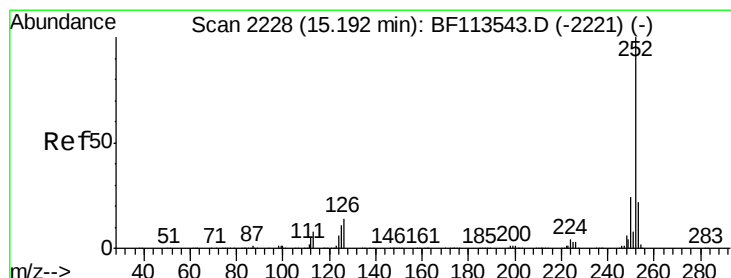
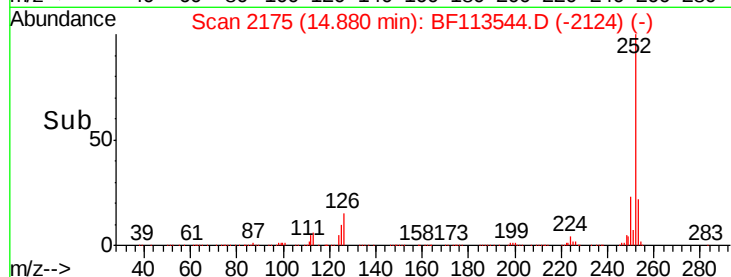
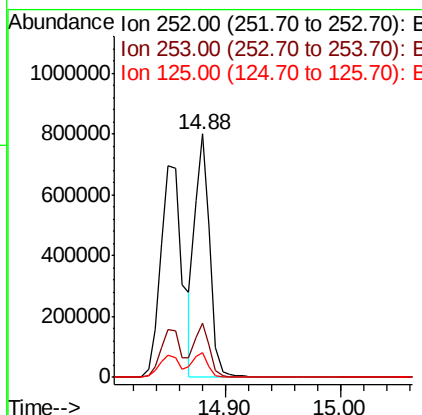
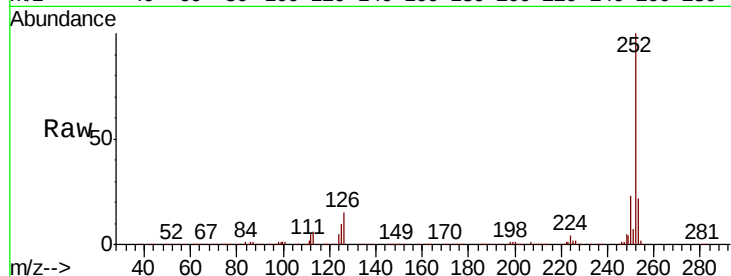




#89
Benzo(k)fluoranthene
Concen: 45.919 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

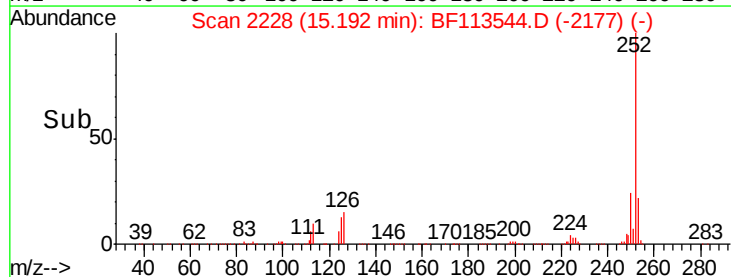
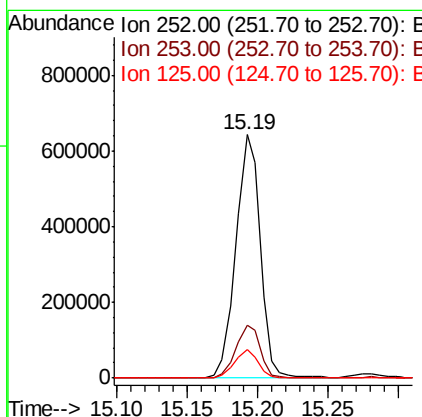
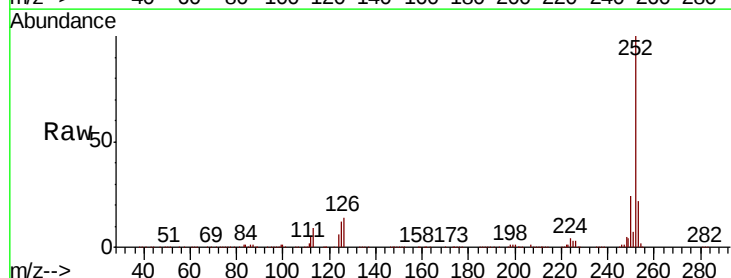
Instrument :
BNA_F
ClientSampleId :

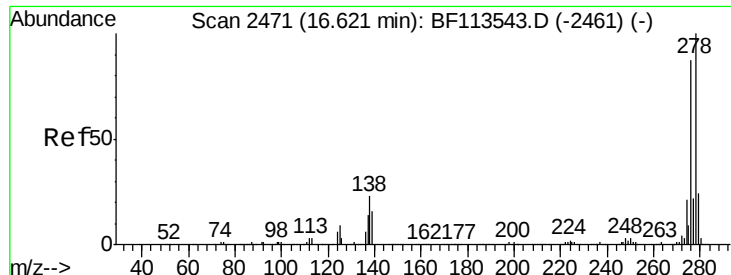
Tot Ion:252 Resp: 714980
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 10.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 49.146 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.00 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion:252 Resp: 772504
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.7 9.0 13.6

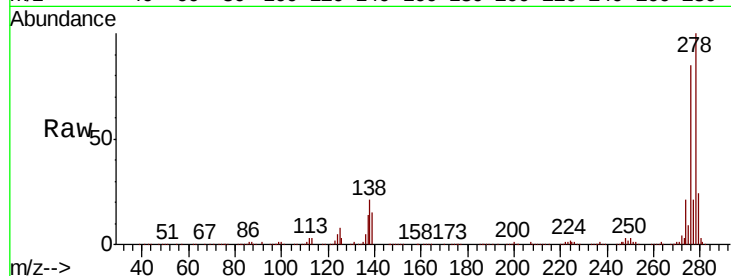




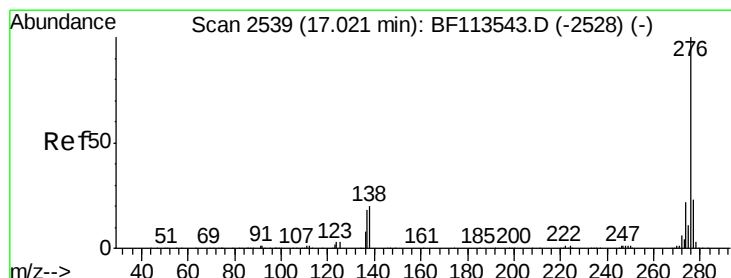
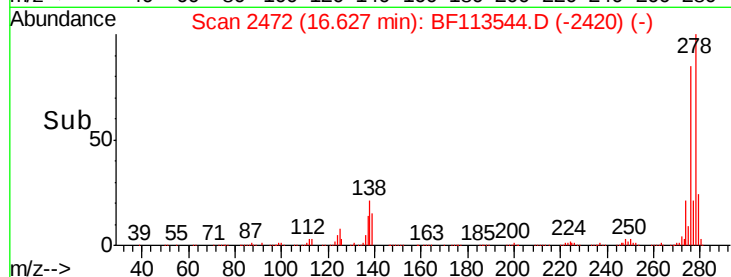
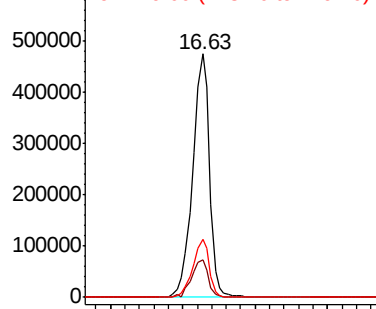
#91
Dibenzo(a,h)anthracene
Concen: 56.456 ng
RT: 16.63 min Scan# 2472
Delta R.T. 0.01 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 767304
Ion Ratio Lower Upper
278 100
139 15.5 12.6 18.8
279 23.9 18.9 28.3

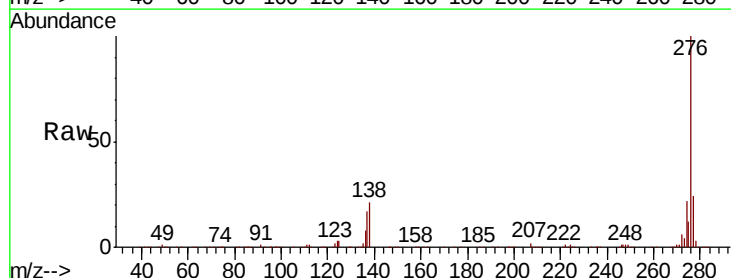


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 58.038 ng
RT: 17.03 min Scan# 2540
Delta R.T. 0.01 min
Lab File: BF113544.D
Acq: 3 Apr 2019 12:57

Tgt Ion:276 Resp: 795353
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 21.1 16.2 24.4



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

