

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103060.D
 Acq On : 16 Feb 2018 18:46
 Operator : SJ/JU
 Sample : J1584-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 23:17:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	180716	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	733441	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	298307	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	456738	20.00	ng	0.00
75) Chrysene-d12	14.05	240	294465	20.00	ng	0.00
86) Perylene-d12	15.54	264	258893	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1369321	115.07	ng	0.02
7) Phenol-d6	6.52	99	1633270	113.99	ng	0.01
23) Nitrobenzene-d5	7.45	82	1048229	99.14	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	277095	115.41	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1466180	81.56	ng	0.00
78) Terphenyl-d14	12.99	244	1098403	88.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.70	88	204933	34.87	ng	89
3) Pyridine	3.48	79	577720	35.58	ng	92
4) n-Nitrosodimethylamine	3.43	42	288268	41.49	ng	98
6) Aniline	6.55	93	512636	24.23	ng	96
8) 2-Chlorophenol	6.67	128	479518	39.14	ng	95
9) Benzaldehyde	6.43	77	100988	9.49	ng	98
10) Phenol	6.53	94	608256	39.61	ng	92
11) bis(2-Chloroethyl)ether	6.62	93	485850	38.02	ng	90
12) 1,3-Dichlorobenzene	6.82	146	504396	35.55	ng	100
13) 1,4-Dichlorobenzene	6.90	146	514154	36.38	ng	98
14) 1,2-Dichlorobenzene	7.05	146	466659	35.45	ng	99
15) Benzyl Alcohol	7.02	79	412862	37.48	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	846278	34.87	ng	100
17) 2-Methylphenol	7.13	107	412208	36.48	ng	98
18) Hexachloroethane	7.39	117	160647	33.15	ng	91
19) n-Nitroso-di-n-propylamine	7.29	70	321118	33.99	ng	96
20) 3+4-Methylphenols	7.29	107	459607	32.98	ng	# 67
22) Acetophenone	7.29	105	632403	35.24	ng	# 94
24) Nitrobenzene	7.46	77	513781	41.31	ng	99
25) Isophorone	7.70	82	957612	39.33	ng	99
26) 2-Nitrophenol	7.78	139	236165	46.54	ng	95
27) 2,4-Dimethylphenol	7.82	122	431624	41.96	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	595822	41.31	ng	99
29) 2,4-Dichlorophenol	8.02	162	381435	40.79	ng	99
30) 1,2,4-Trichlorobenzene	8.10	180	376548	35.60	ng	99
31) Naphthalene	8.19	128	1297689	36.21	ng	100
32) Benzoic acid	7.91	122	105262	21.79	ng	96
33) 4-Chloroaniline	8.23	127	262793	17.02	ng	99
34) Hexachlorobutadiene	8.30	225	193499	35.70	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	408751	38.91	ng	100
37) 2-Methylnaphthalene	8.87	142	841281	35.86	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	319650	39.35	ng	99
40) Hexachlorocyclopentadiene	9.02	237	55665	14.42	ng	96
42) 2,4,6-Trichlorophenol	9.15	196	229233	42.97	ng	97

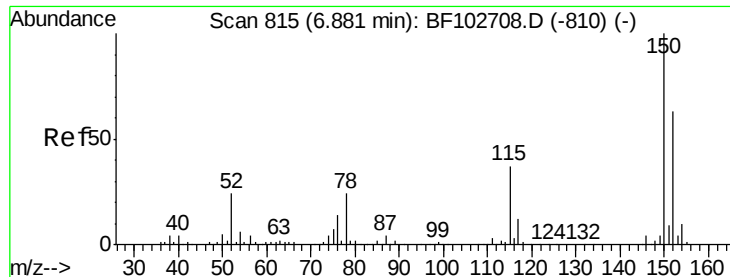
Data Path : Z:\HPCHEM1\BNA F\DATA\BF021618\
 Data File : BF103060.D
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 Operator : SJ/JU
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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.20	196	233888	38.90	nq	98
45) 1,1'-Biphenyl	9.34	154	933281	37.14	nq	99
46) 2-Chloronaphthalene	9.36	162	733179	37.07	nq	99
47) 2-Nitroaniline	9.46	65	285646	46.88	nq	90
48) Acenaphthylene	9.78	152	1085138	35.32	nq	99
49) Dimethylphthalate	9.63	163	1007115	43.30	nq	99
50) 2,6-Dinitrotoluene	9.70	165	185550	41.93	nq	95
51) Acenaphthene	9.95	154	624232	33.98	nq	99
52) 3-Nitroaniline	9.87	138	194357	35.69	nq	95
53) 2,4-Dinitrophenol	9.98	184	31593	36.40	nq	# 17
54) Dibenzofuran	10.12	168	934426	36.09	nq	97
55) 4-Nitrophenol	10.04	139	290071	65.59	nq	97
56) 2,4-Dinitrotoluene	10.11	165	223198	38.27	nq	# 95
57) Fluorene	10.47	166	694243	36.85	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	167189	40.12	nq	99
59) Diethylphthalate	10.33	149	829377	36.11	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	319797	38.37	nq	97
61) 4-Nitroaniline	10.49	138	204736	39.50	nq	94
62) Azobenzene	10.62	77	802688	34.98	nq	97
64) 4,6-Dinitro-2-methylphenol	10.52	198	31482	23.41	nq	91
65) n-Nitrosodiphenylamine	10.57	169	647460	40.19	nq	99
66) 4-Bromophenyl-phenylether	10.95	248	192644	39.87	nq	95
67) Hexachlorobenzene	11.02	284	193808	36.36	nq	98
68) Atrazine	11.10	200	180626	38.00	nq	98
69) Pentachlorophenol	11.21	266	179377	57.33	nq	98
70) Phenanthrene	11.43	178	969735	38.12	nq	99
71) Anthracene	11.49	178	972208	37.58	nq	99
72) Carbazole	11.64	167	894882	35.31	nq	99
73) Di-n-butylphthalate	11.96	149	1205882	39.17	nq	100
74) Fluoranthene	12.62	202	979017	38.25	nq	99
76) Benzidine	12.74	184	569732	42.10	nq	98
77) Pyrene	12.85	202	999549	43.29	nq	99
79) Butylbenzylphthalate	13.46	149	472015	42.85	nq	96
80) Benzo(a)anthracene	14.04	228	787899	42.55	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	275364	40.10	nq	# 97
82) Chrysene	14.08	228	719349	38.53	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	653557	46.20	nq	100
84) Di-n-octyl phthalate	14.63	149	1054401	49.64	nq	98
85) Indeno(1,2,3-cd)pyrene	17.06	276	620239	40.06	nq	99
87) Benzo(b)fluoranthene	15.10	252	725406	43.22	nq	# 95
88) Benzo(k)fluoranthene	15.13	252	581891	36.28	nq	98
89) Benzo(a)pyrene	15.48	252	627223	41.51	nq	97
90) Dibenzo(a,h)anthracene	17.07	278	502192	40.95	nq	98
91) Benzo(g,h,i)perylene	17.52	276	515056	42.91	nq	99

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

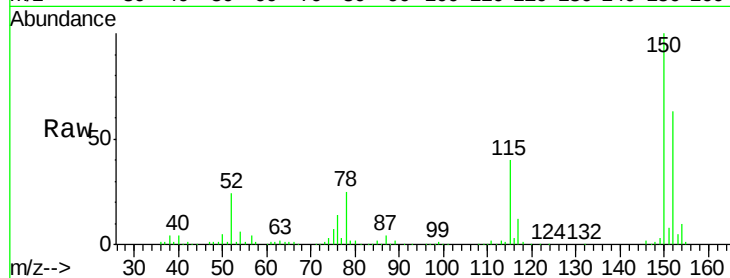


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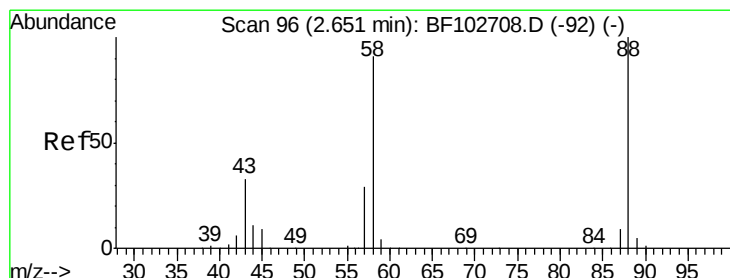
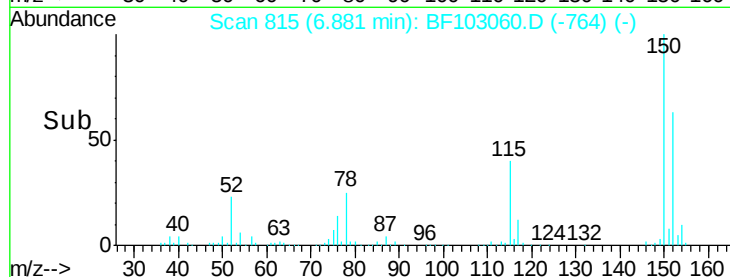
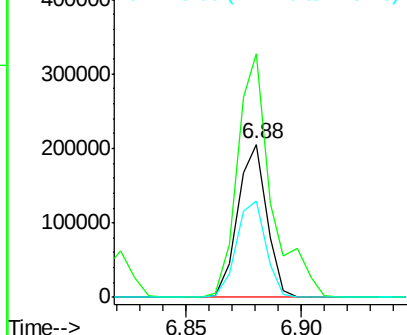
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 180716
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 63.1 50.1 75.1



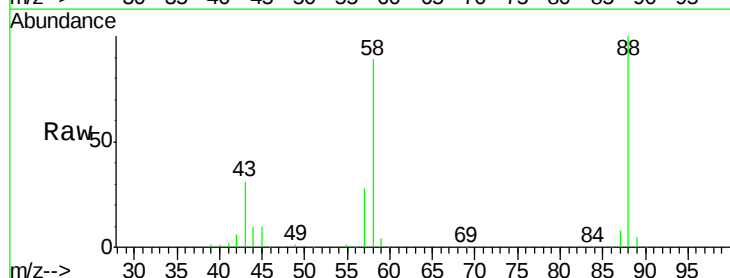
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



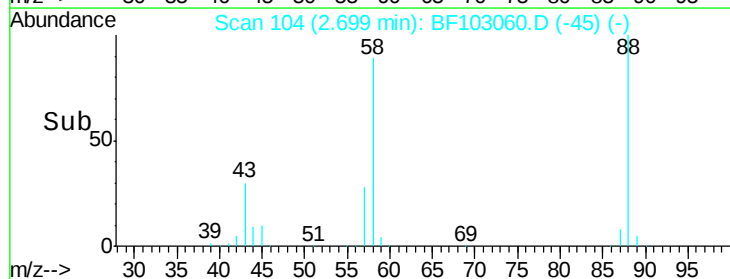
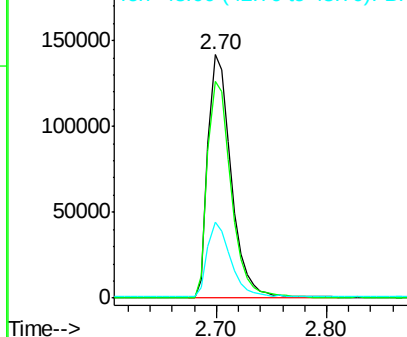
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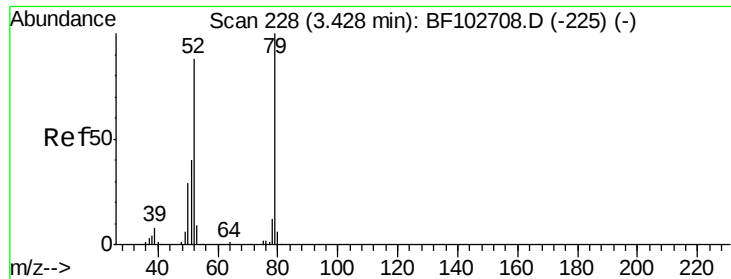
1,4-Dioxane
Concen: 34.87 ng
RT: 2.70 min Scan# 104
Delta R.T. 0.05 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion: 88 Resp: 204933
Ion Ratio Lower Upper
88 100
58 90.8 62.6 93.8
43 30.4 24.6 37.0



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

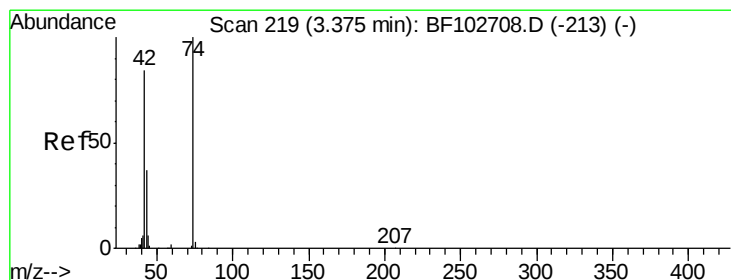
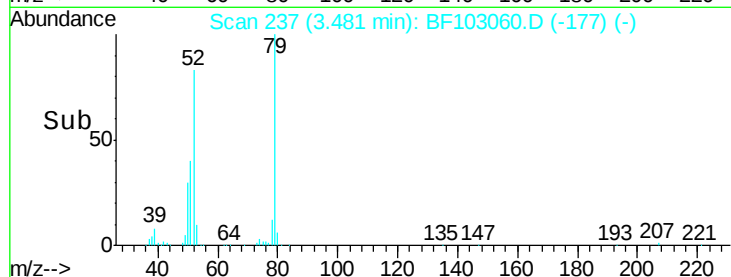
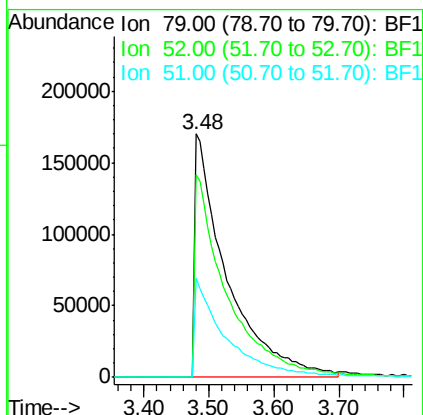
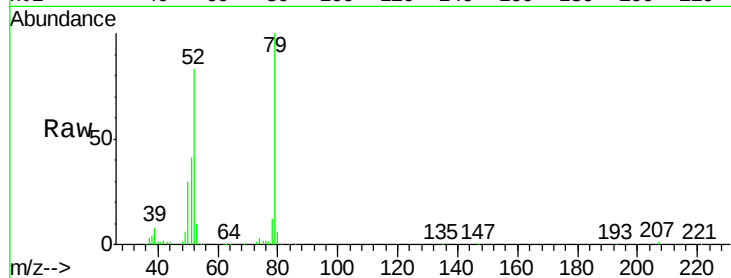




#3
 Pvridine
 Concen: 35.58 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.05 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

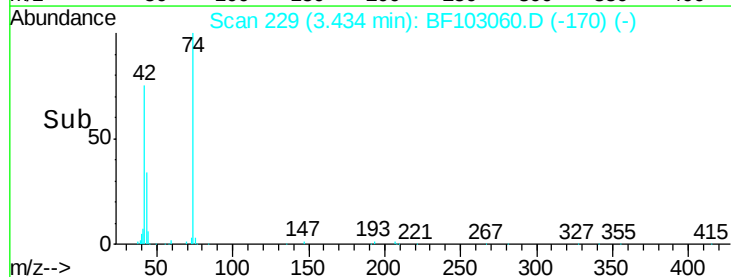
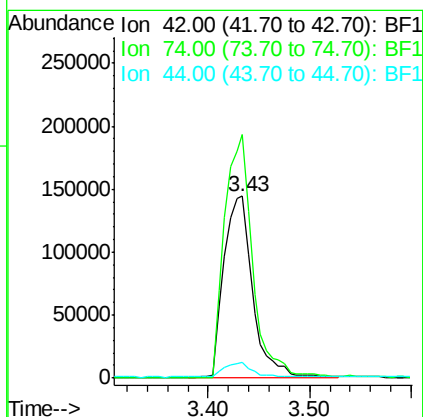
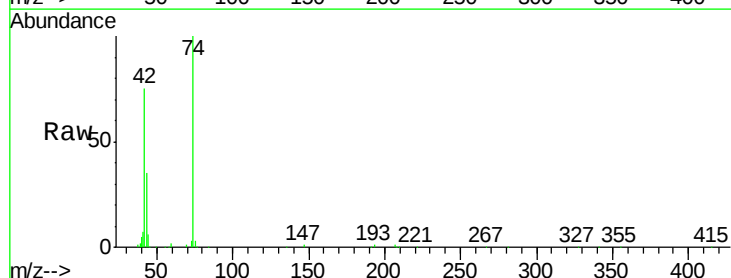
Instrument :
 BNA_F
 ClientSampleId :

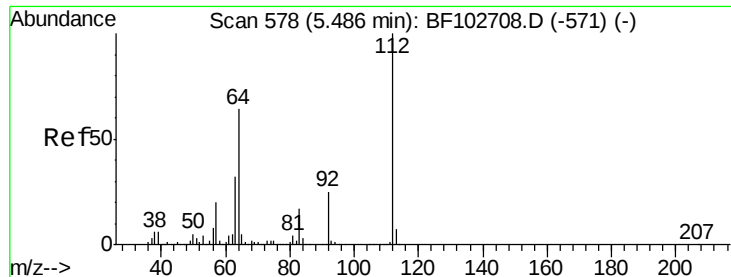
Tot Ion: 79 Resp: 577720
 Ion Ratio Lower Upper
 79 100
 52 83.2 59.8 89.6
 51 40.6 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 41.49 ng
 RT: 3.43 min Scan# 229
 Delta R.T. 0.05 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Tgt Ion: 42 Resp: 288268
 Ion Ratio Lower Upper
 42 100
 74 134.0 104.9 157.3
 44 8.4 6.9 10.3





#5

2-Fluorophenol

Concen: 115.07 ng

RT: 5.51 min Scan# 582

Delta R.T. 0.02 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

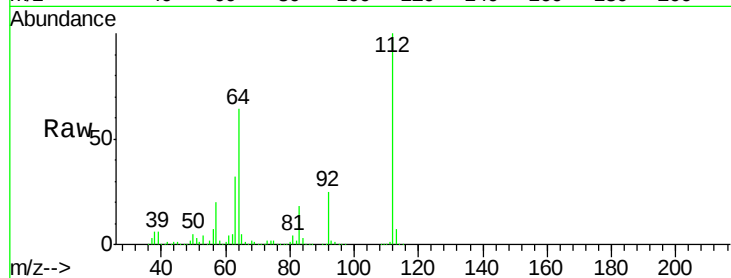
Tot Ion:112 Resp: 1369321

Ion Ratio Lower Upper

112 100

64 64.2 47.9 71.9

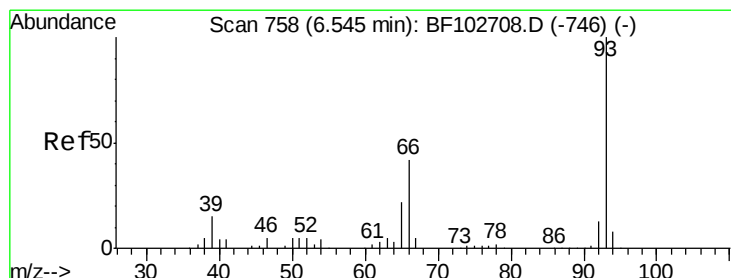
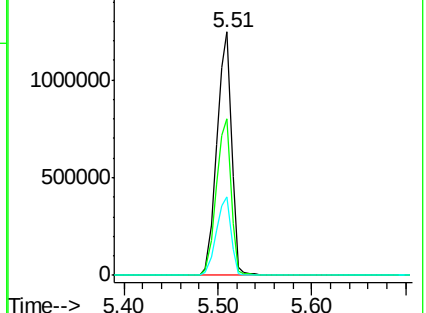
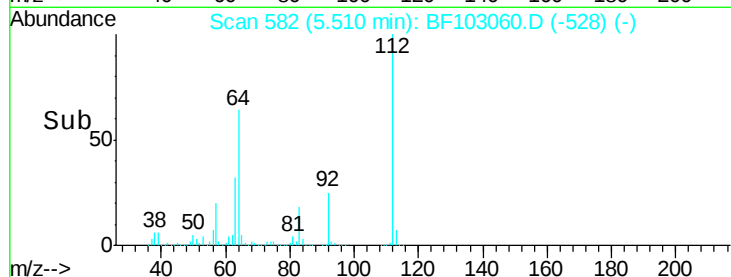
63 32.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 24.23 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

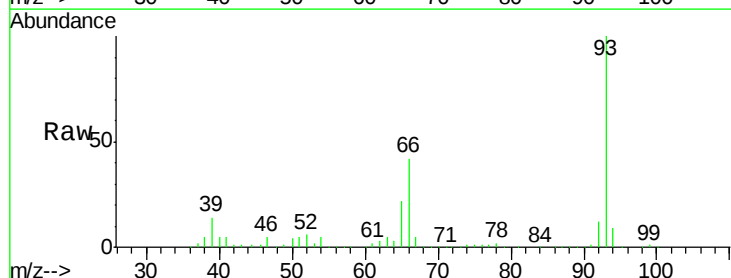
Tgt Ion: 93 Resp: 512636

Ion Ratio Lower Upper

93 100

66 42.4 32.2 48.2

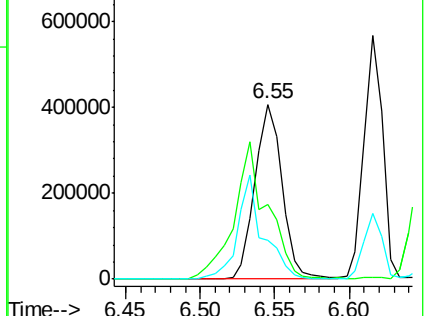
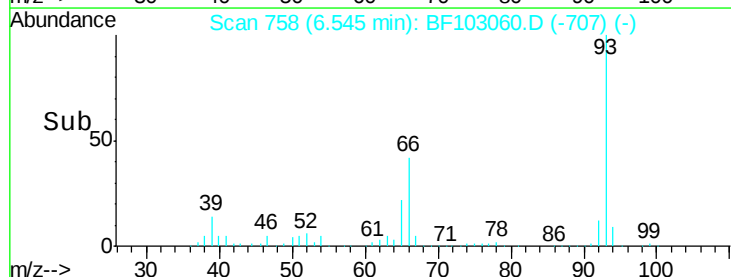
65 22.3 16.4 24.6

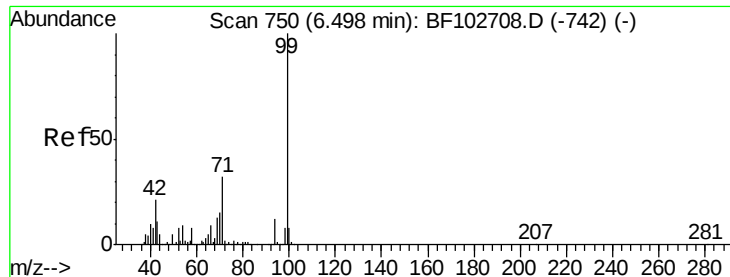


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.99 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

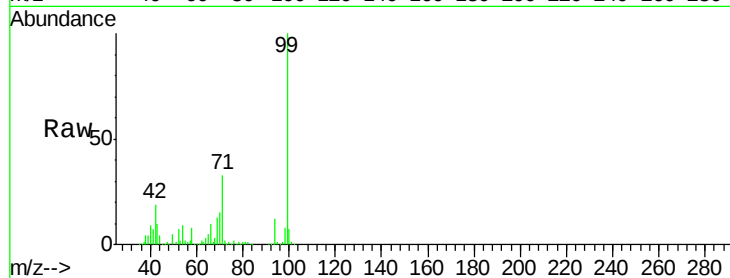
Tot Ion: 99 Resp: 1633270

Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.5	21.7
71	32.9	25.4	38.0

99 100

42 18.9 14.5 21.7

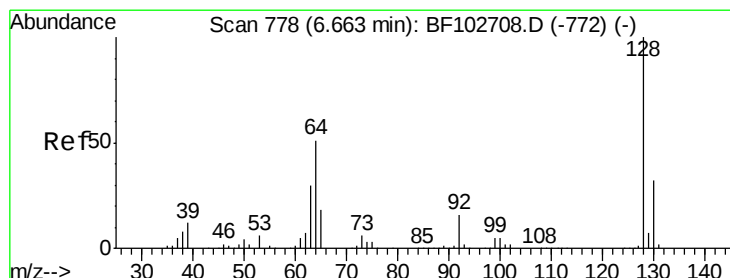
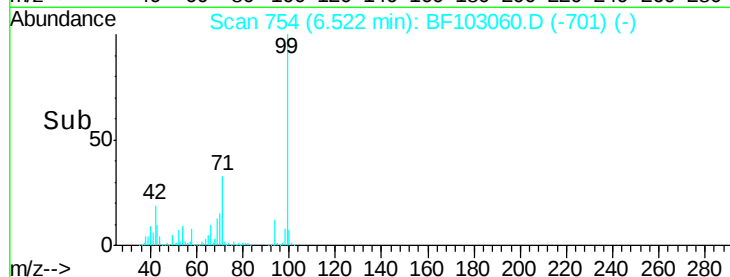
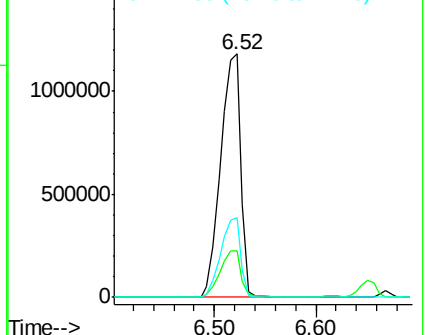
71 32.9 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 39.14 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

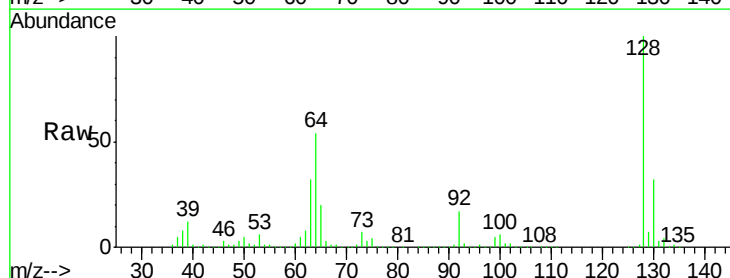
Tgt Ion: 128 Resp: 479518

Ion	Ratio	Lower	Upper
128	100		
130	31.6	13.0	53.0
64	54.1	29.4	69.4

128 100

130 31.6 13.0 53.0

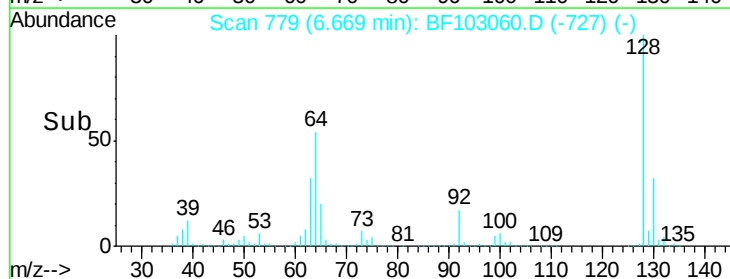
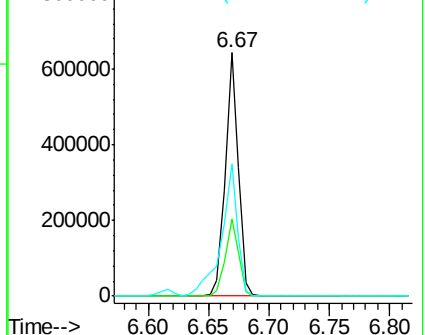
64 54.1 29.4 69.4

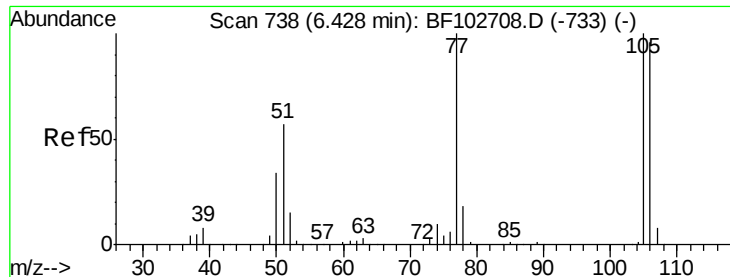


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

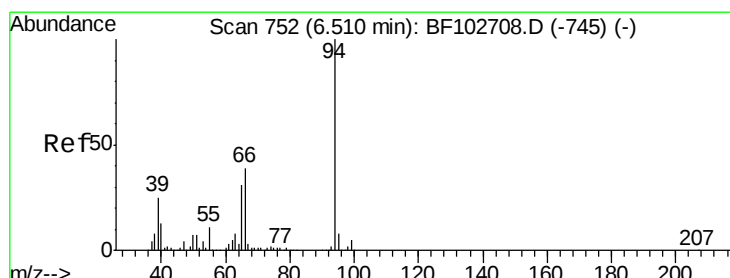
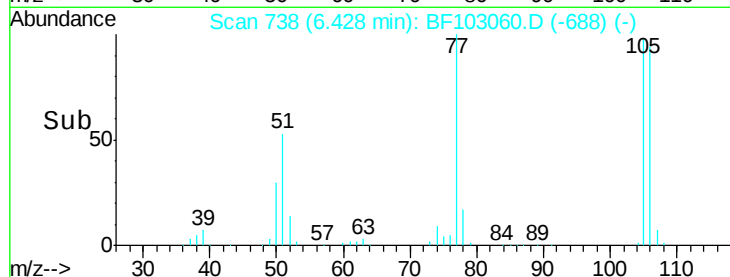
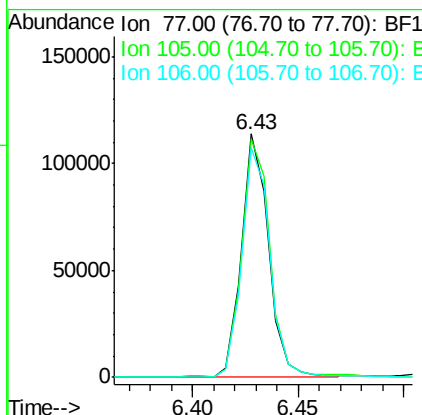
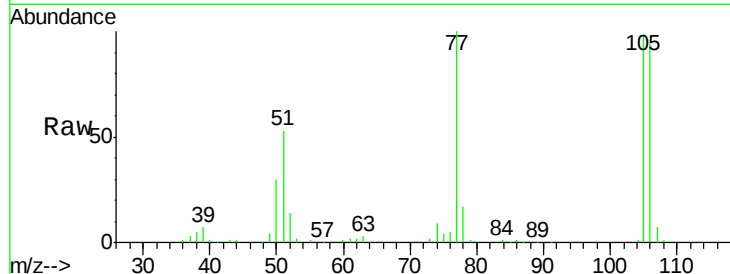




#9
Benzaldehydve
Concen: 9.49 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

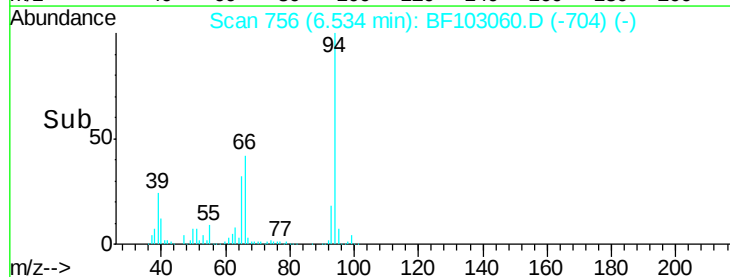
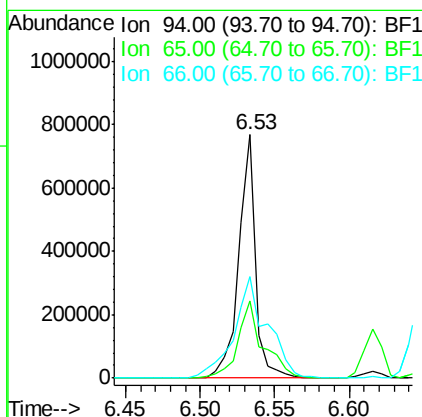
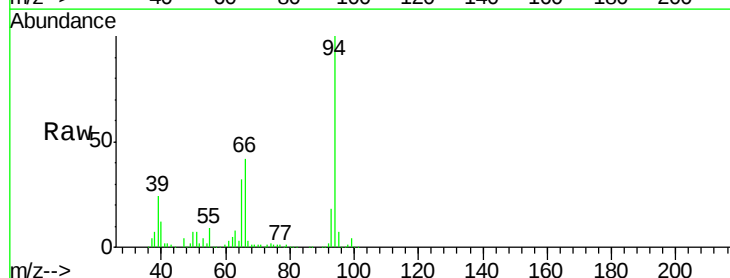
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 100988
Ion Ratio Lower Upper
77 100
105 98.1 81.1 121.1
106 94.2 74.5 114.5



#10
Phenol
Concen: 39.61 ng
RT: 6.53 min Scan# 756
Delta R.T. 0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion: 94 Resp: 608256
Ion Ratio Lower Upper
94 100
65 31.7 7.9 47.9
66 41.6 16.2 56.2

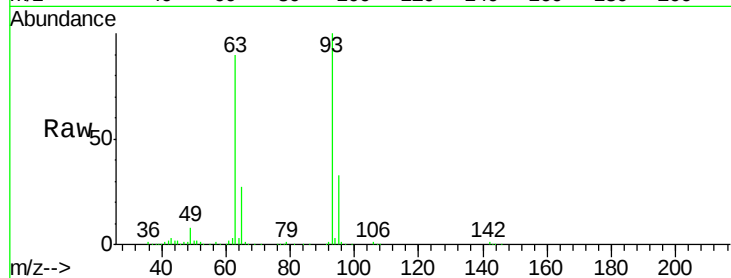




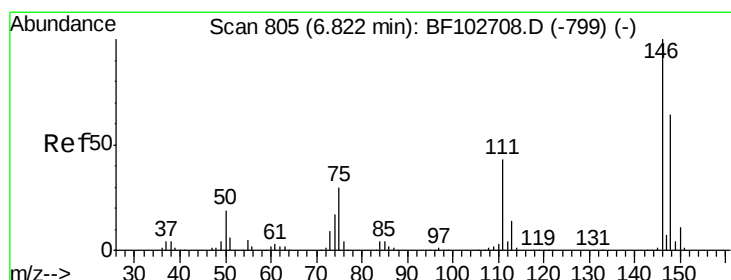
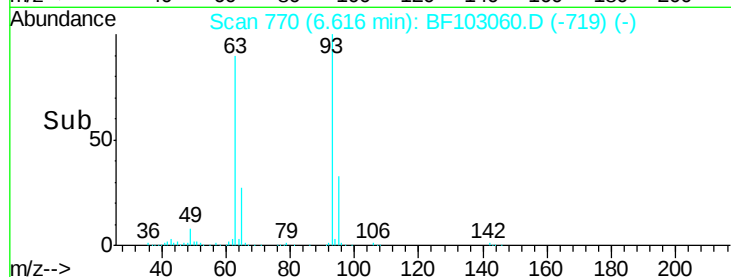
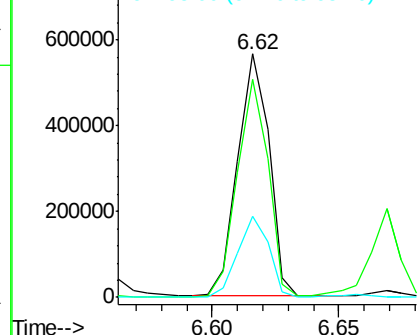
#11
bis(2-Chloroethyl)ether
Concen: 38.02 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	89.7	58.6	98.6
95	33.1	11.8	51.8

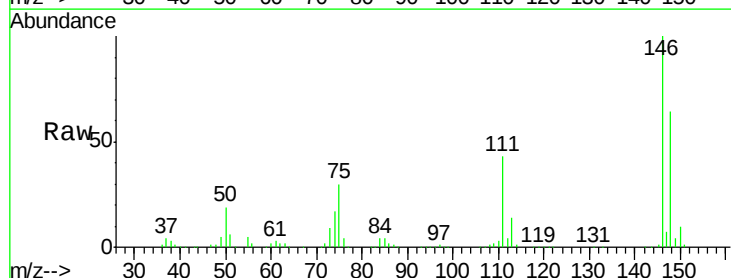


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

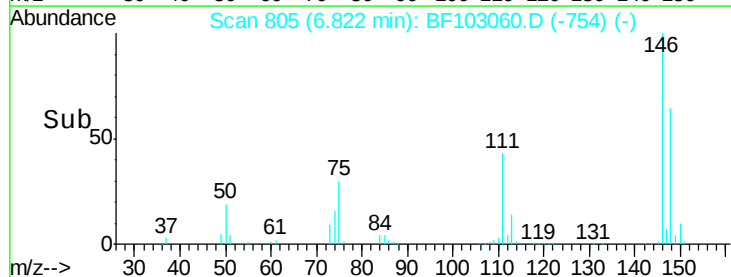
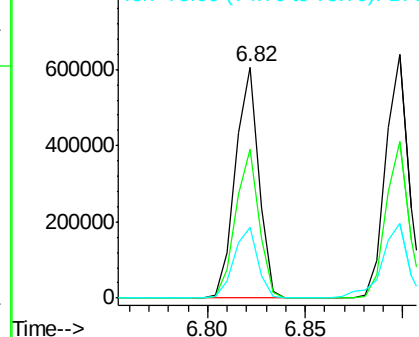


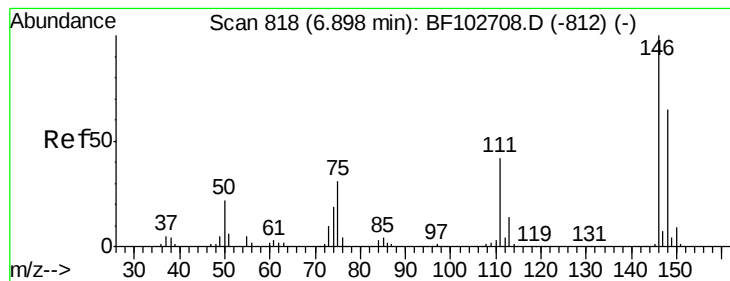
#12
1,3-Dichlorobenzene
Concen: 35.55 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.8	77.8
75	30.4	24.2	36.4



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: 36.38 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

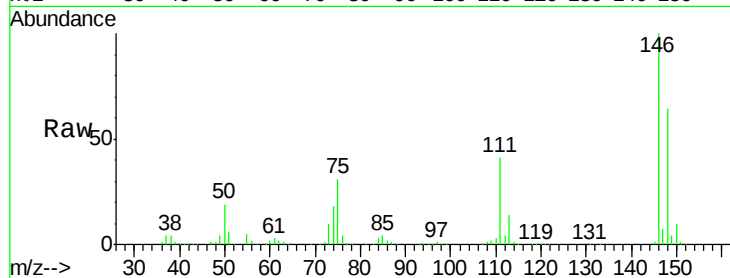
Tot Ion:146 Resp: 514154

Ion Ratio Lower Upper

146 100

148 64.3 50.8 76.2

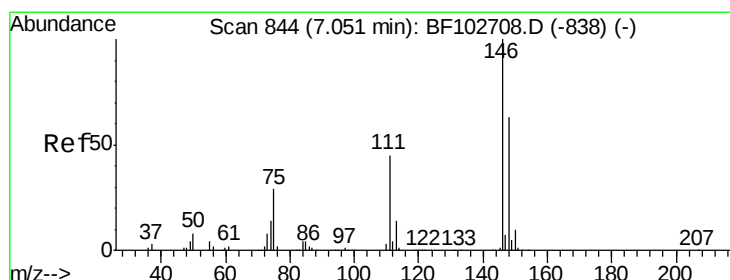
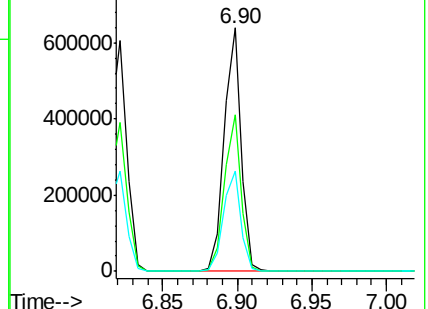
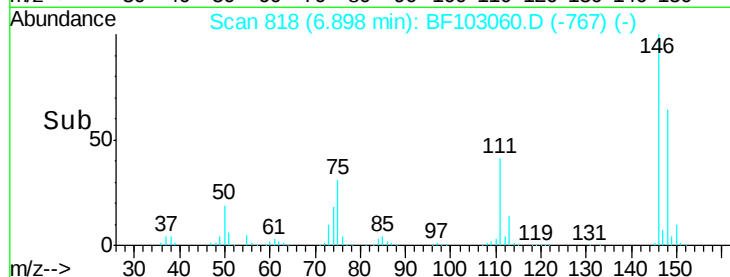
111 41.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.45 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

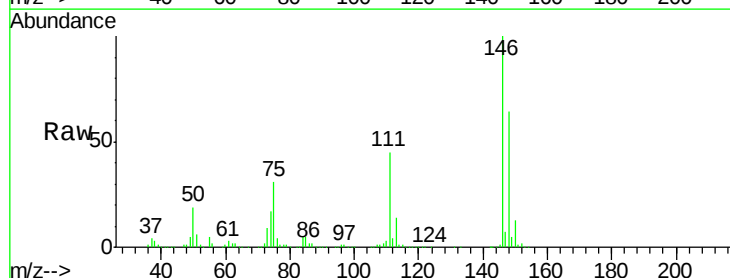
Tgt Ion:146 Resp: 466659

Ion Ratio Lower Upper

146 100

148 64.2 50.6 75.8

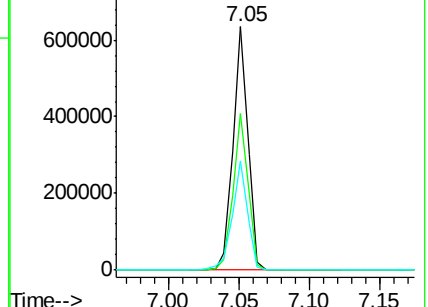
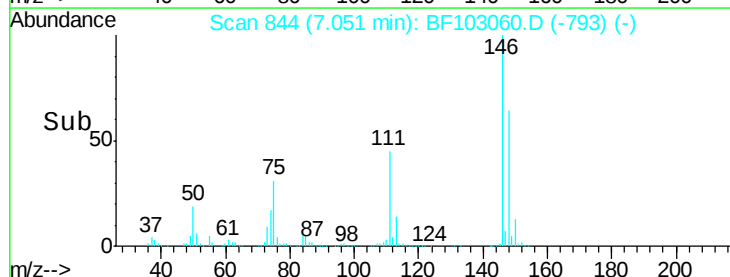
111 44.8 36.0 54.0

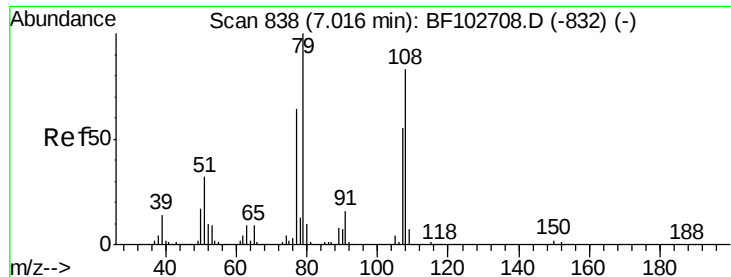


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.48 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

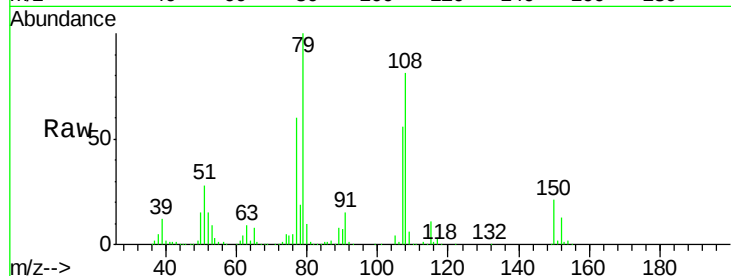
Tot Ion: 79 Resp: 412862

Ion Ratio Lower Upper

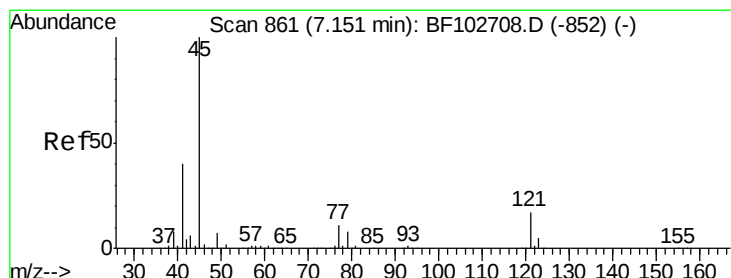
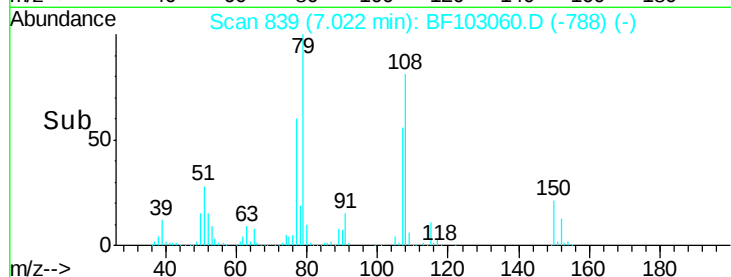
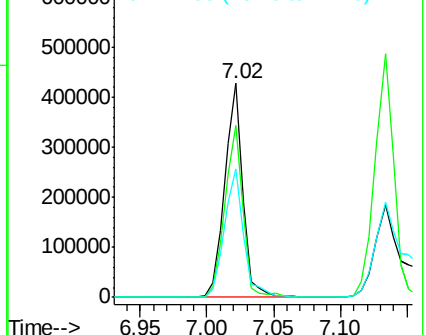
79 100

108 80.6 65.1 97.7

77 59.9 50.6 75.8



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.87 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

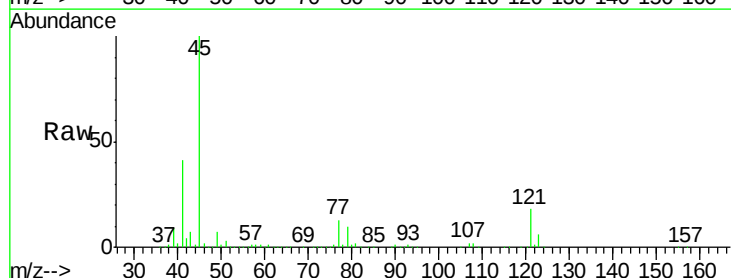
Tgt Ion: 45 Resp: 846278

Ion Ratio Lower Upper

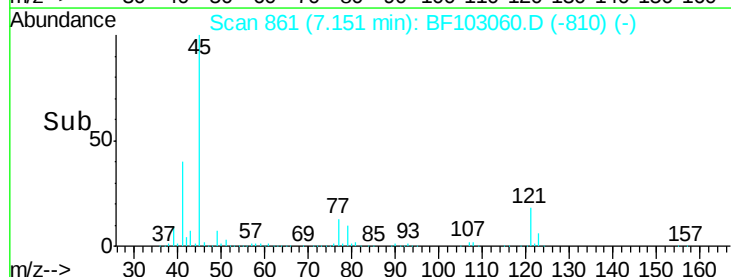
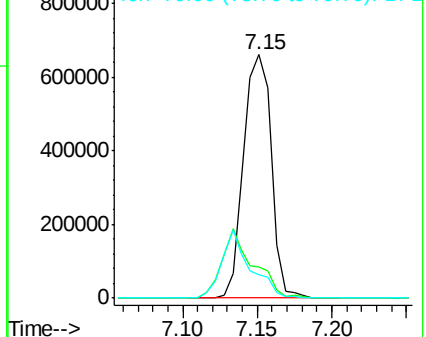
45 100

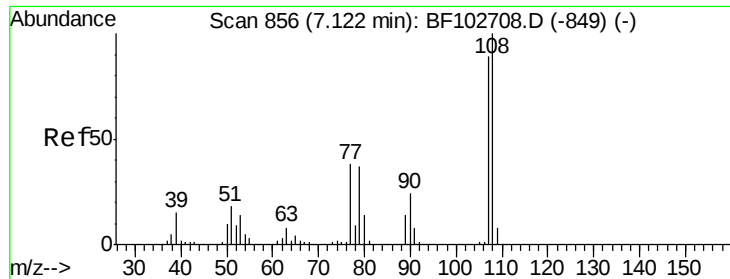
77 12.8 0.0 32.9

79 9.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

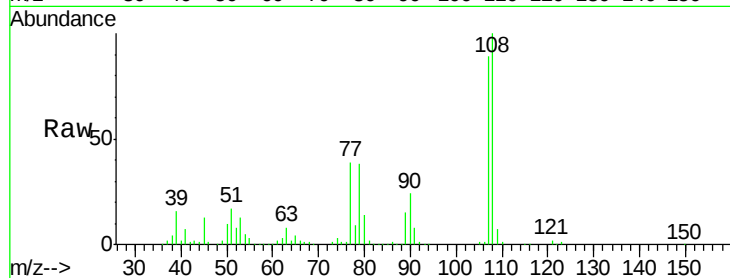




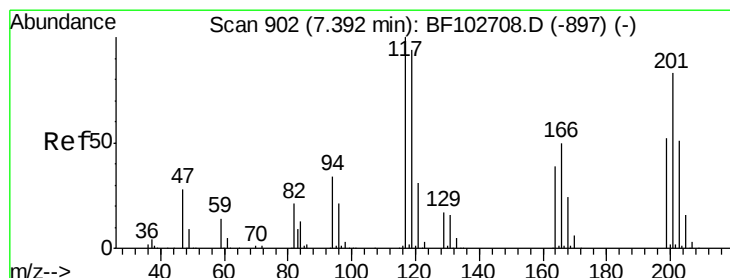
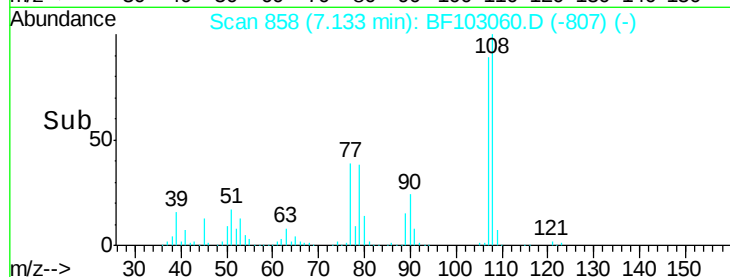
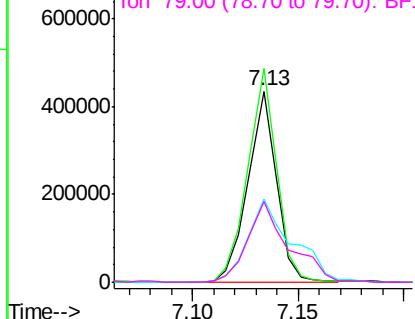
#17
2-Methylphenol
Concen: 36.48 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.7	137.5
77	43.5	33.8	50.8
79	42.3	33.8	50.8

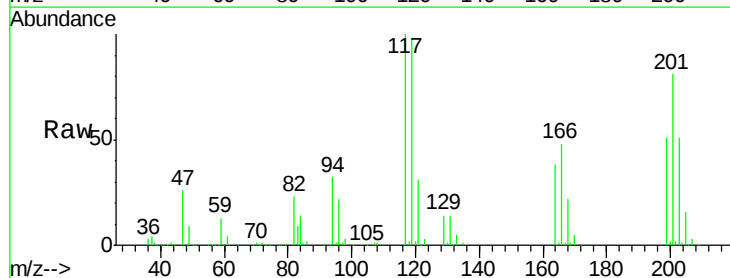


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

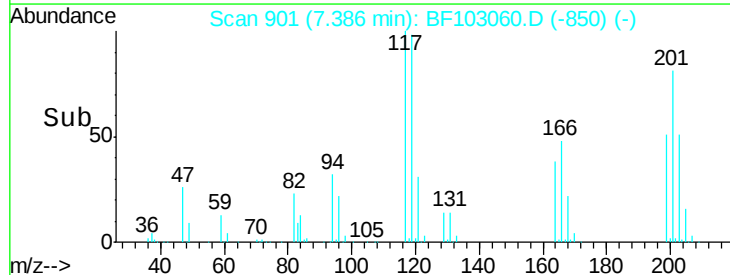
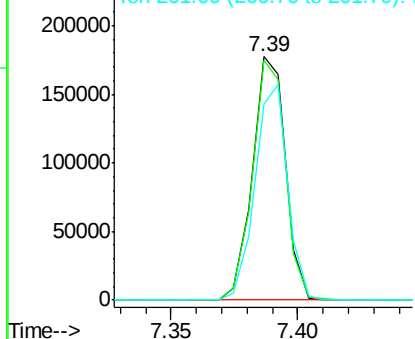


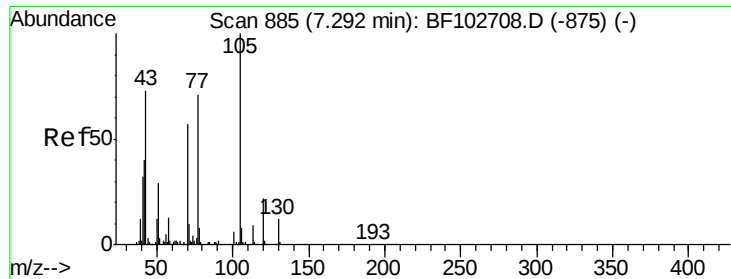
#18
Hexachloroethane
Concen: 33.15 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.3	75.8	113.8
201	80.9	75.7	113.5



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

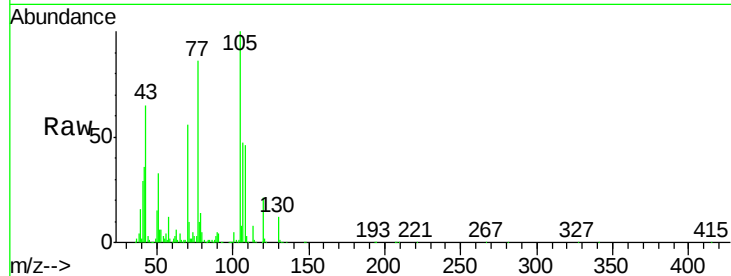




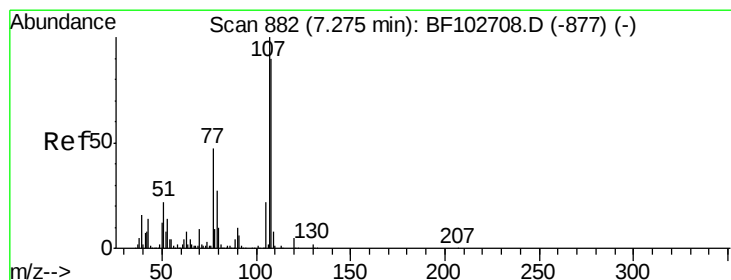
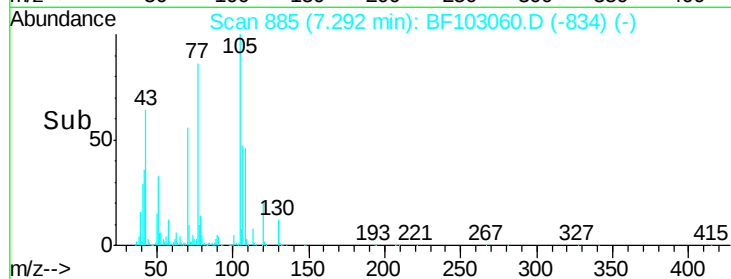
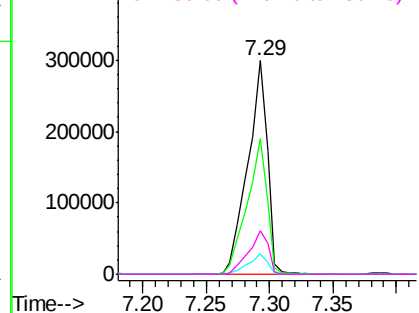
#19
n-Nitroso-di-n-propylamine
Concen: 33.99 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 321118
Ion Ratio Lower Upper
70 100
42 63.6 47.5 71.3
101 9.6 7.4 11.2
130 20.5 16.6 25.0

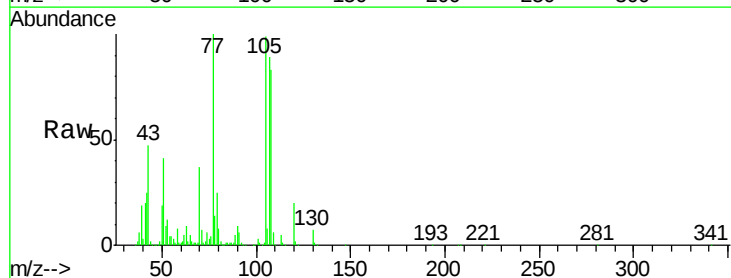


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

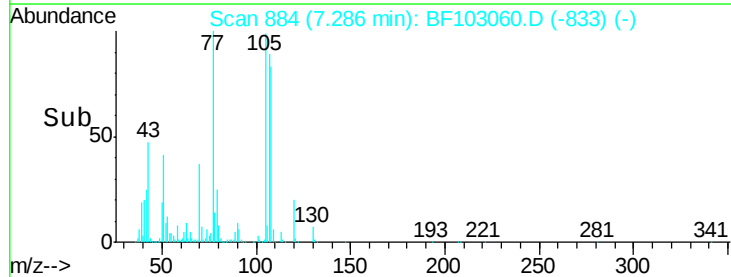
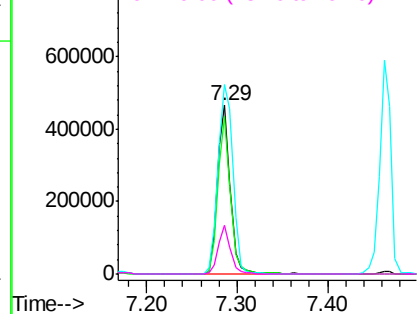


#20
3+4-Methylphenols
Concen: 32.98 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion:107 Resp: 459607
Ion Ratio Lower Upper
107 100
108 93.3 68.2 108.2
77 112.8 26.7 66.7#
79 28.6 6.3 46.3



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 733441

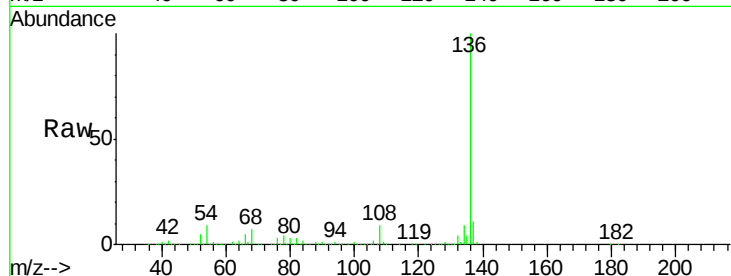
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.4 6.6 9.8

68 6.6 5.0 7.4

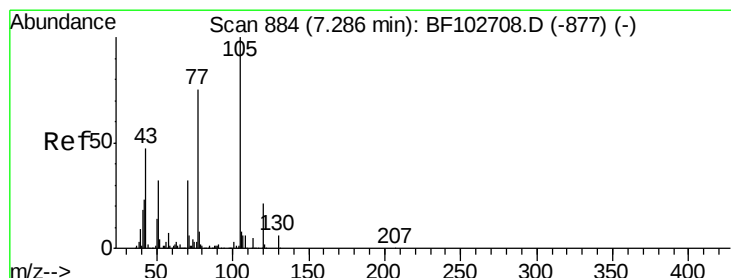
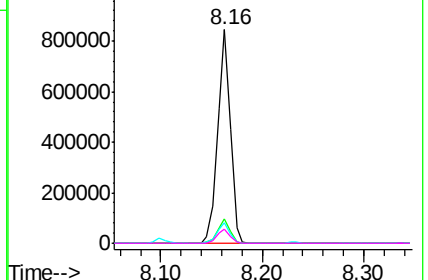
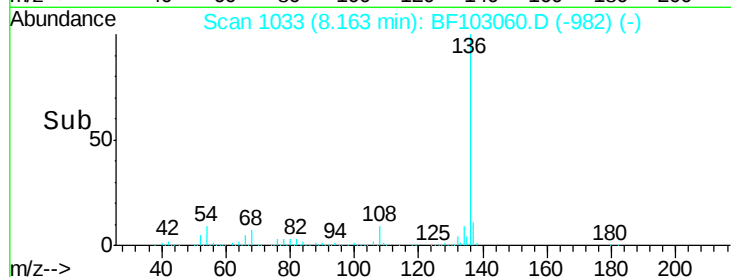


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.24 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Tgt Ion:105 Resp: 632403

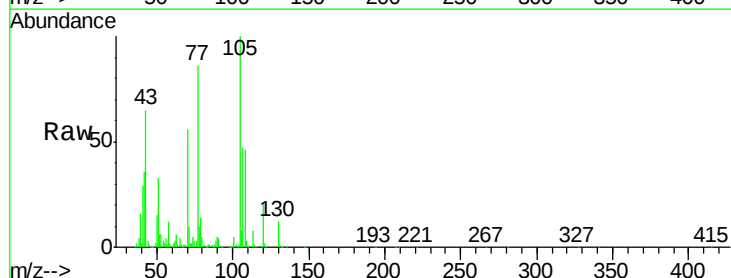
Ion Ratio Lower Upper

105 100

71 9.7 4.4 6.6#

51 33.0 22.3 33.5

120 21.0 16.9 25.3

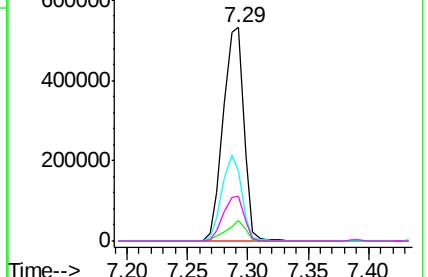
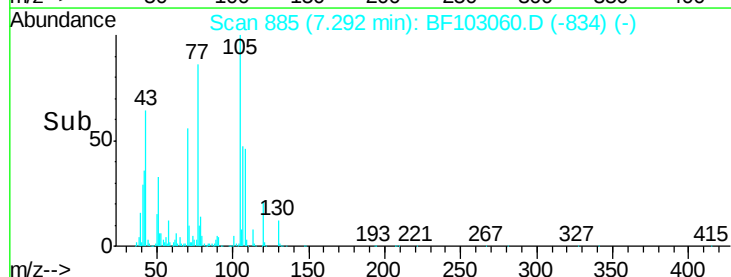


Abundance Ion 105.00 (104.70 to 105.70): E

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

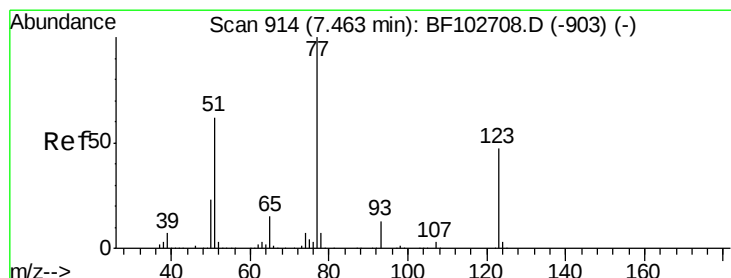
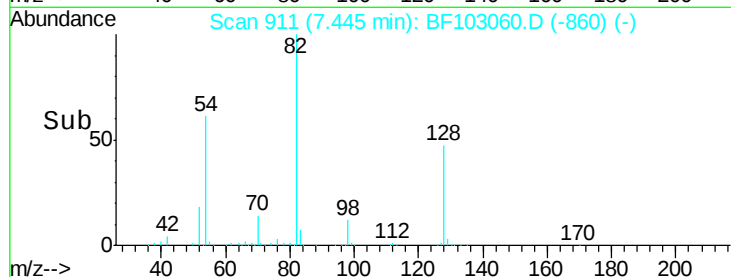
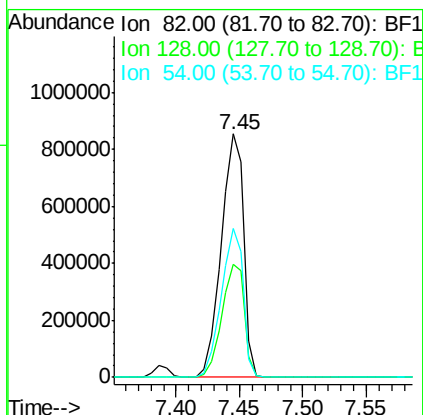
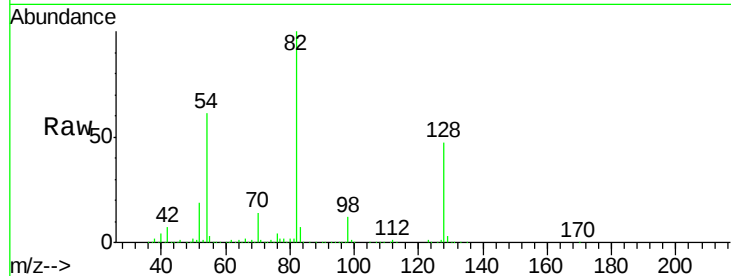




#23
 Nitrobenzene-d5
 Concen: 99.14 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

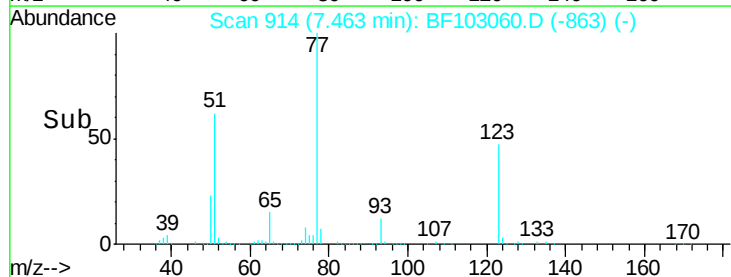
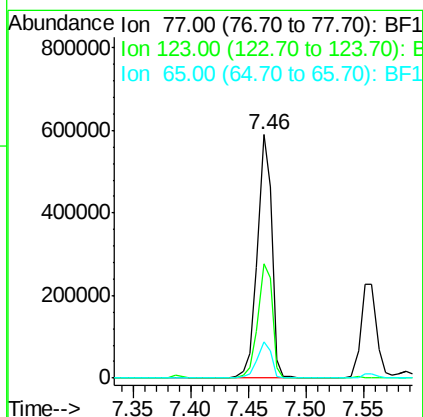
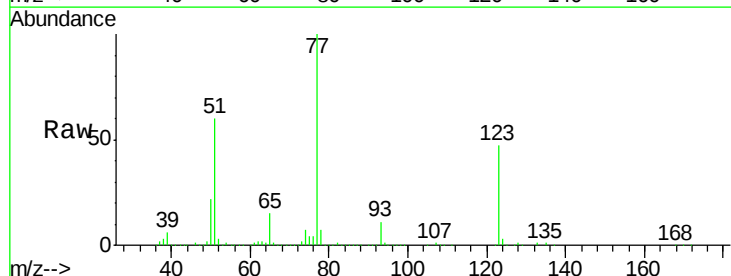
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1048229
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 60.9 41.4 62.2



#24
 Nitrobenzene
 Concen: 41.31 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Tgt Ion: 77 Resp: 513781
 Ion Ratio Lower Upper
 77 100
 123 46.9 37.9 56.9
 65 14.9 11.0 16.4





#25

Isophorone

Concen: 39.33 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :
BNA_F
ClientSampleId :

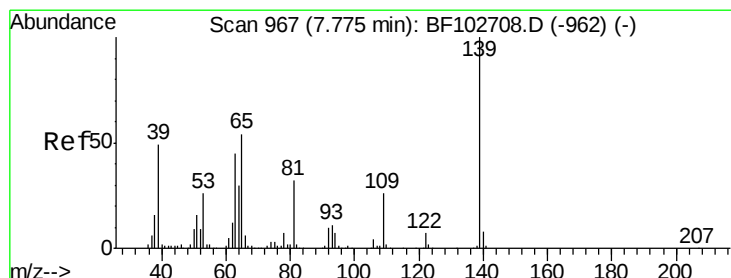
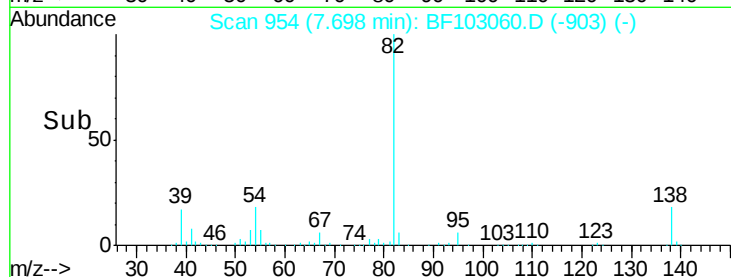
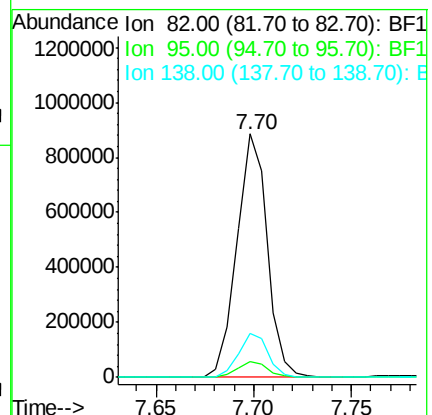
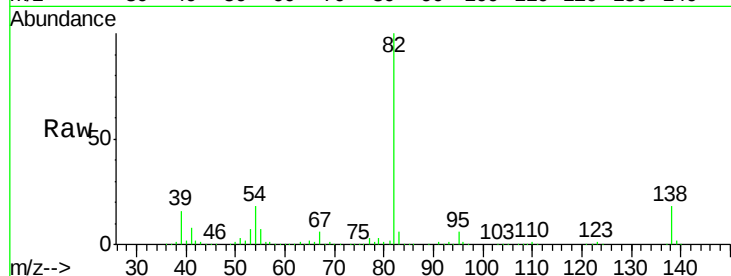
Tot Ion: 82 Resp: 957612

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 18.0 14.9 22.3



#26

2-Nitrophenol

Concen: 46.54 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

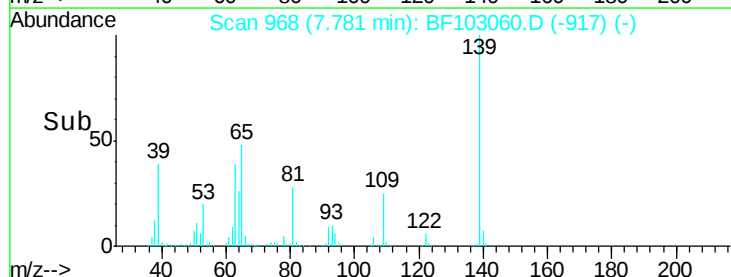
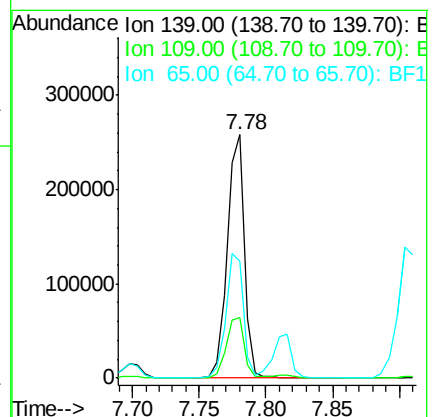
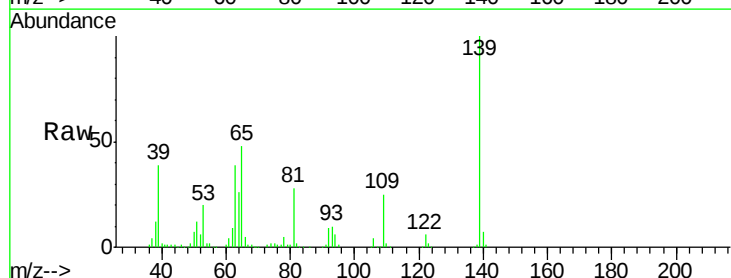
Tgt Ion: 139 Resp: 236165

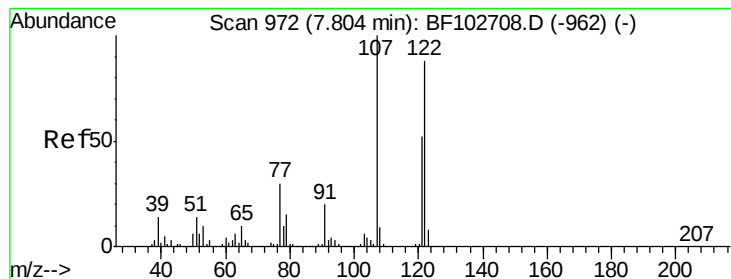
Ion Ratio Lower Upper

139 100

109 25.1 22.7 34.1

65 47.8 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 41.96 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

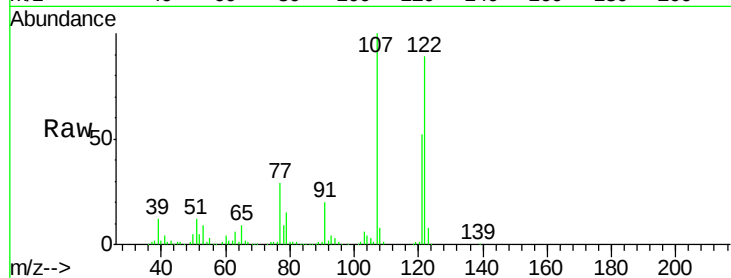
Tot Ion:122 Resp: 431624

Ion Ratio Lower Upper

122 100

107 112.4 91.2 136.8

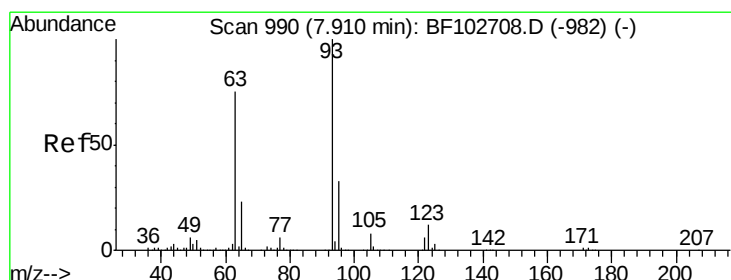
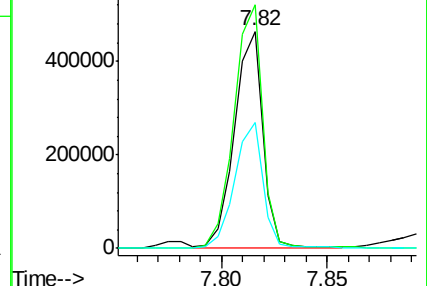
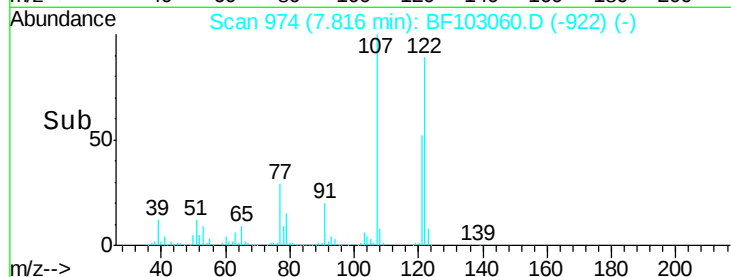
121 57.9 47.2 70.8



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: 41.31 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

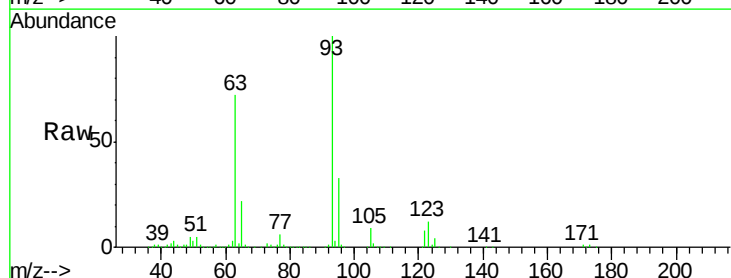
Tgt Ion: 93 Resp: 595822

Ion Ratio Lower Upper

93 100

95 33.4 26.3 39.5

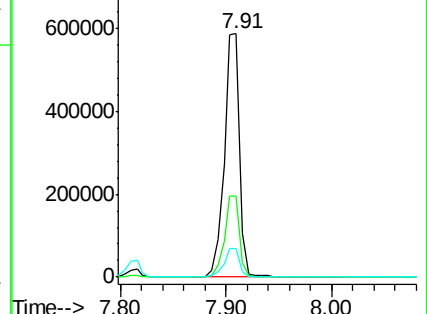
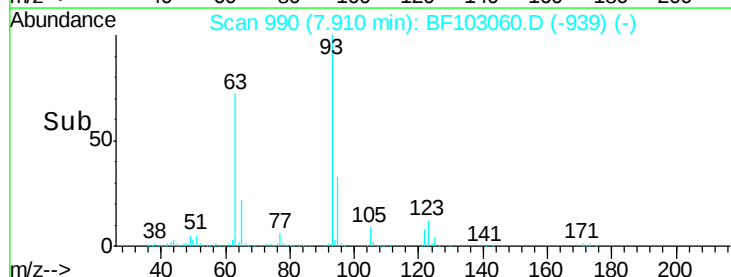
123 11.8 9.8 14.6



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

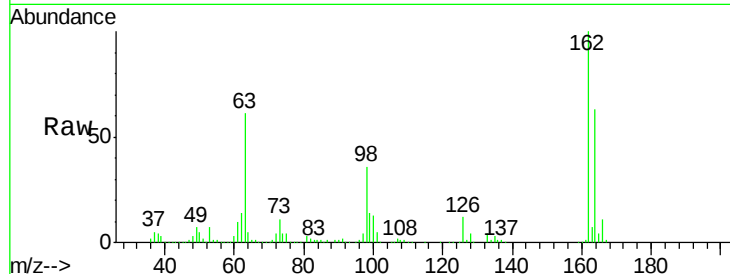




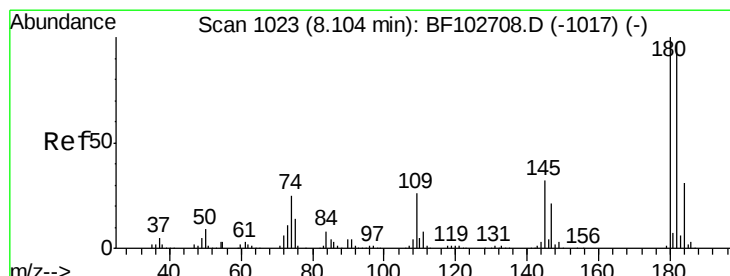
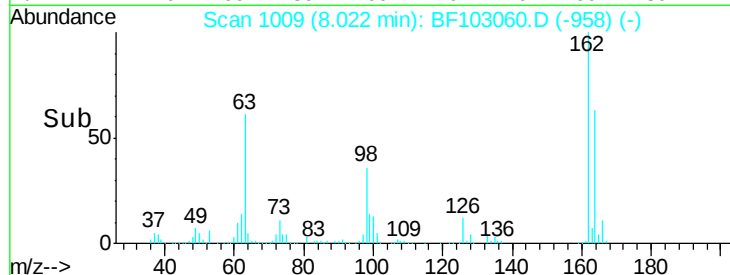
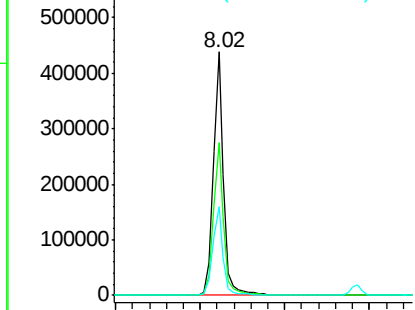
#29
 2,4-Dichlorophenol
 Concen: 40.79 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.7	82.7
98	36.5	18.1	58.1

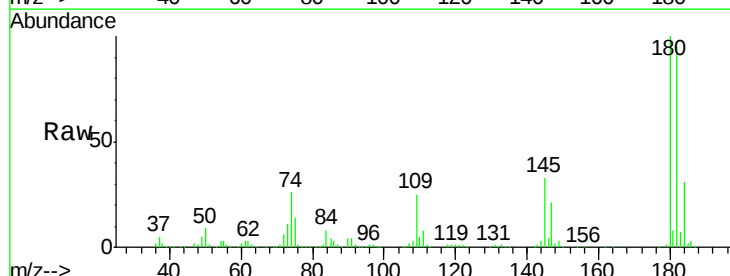


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

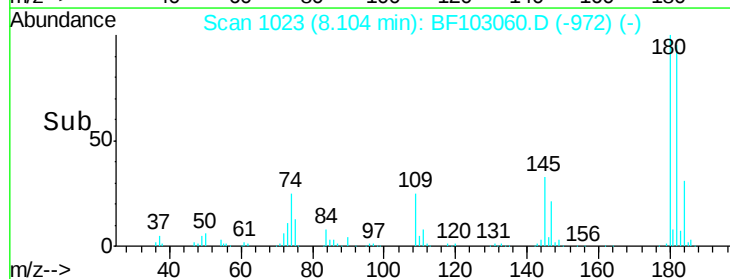
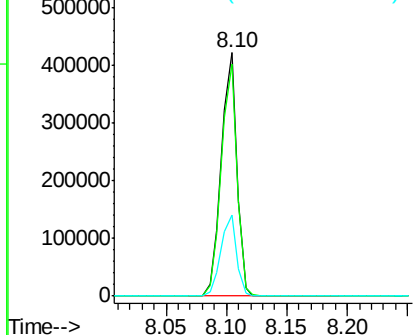


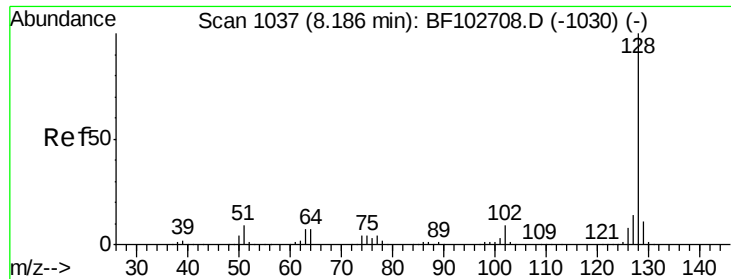
#30
 1,2,4-Trichlorobenzene
 Concen: 35.60 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.8	115.2
145	33.5	26.5	39.7



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

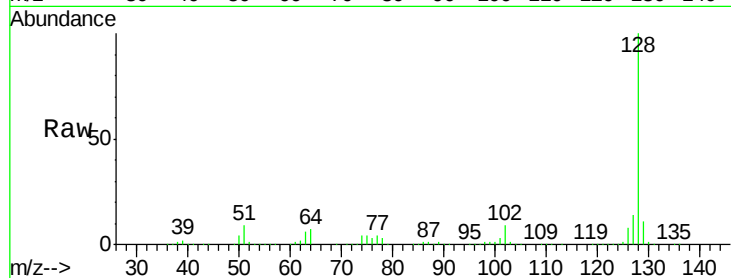




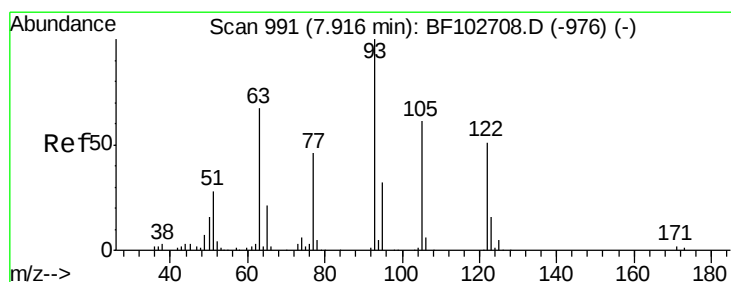
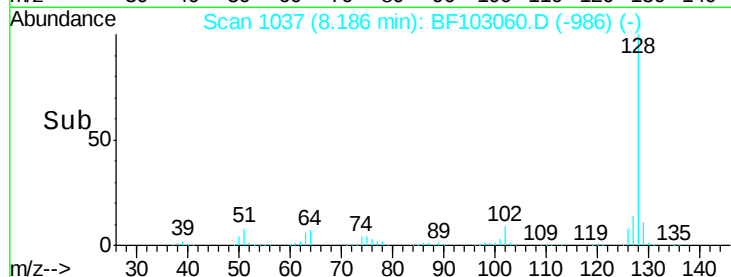
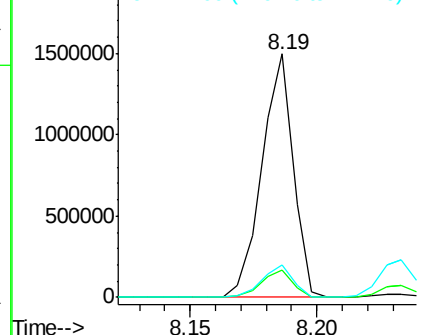
#31
Naphthalene
Concen: 36.21 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1297689
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3

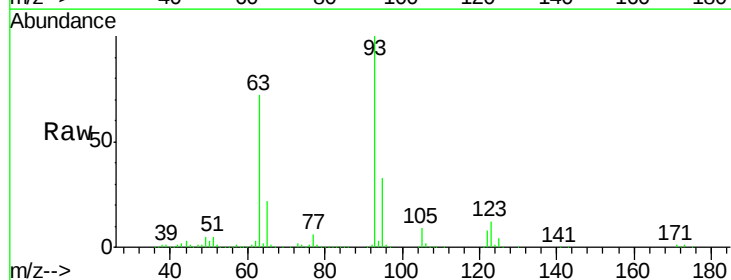


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

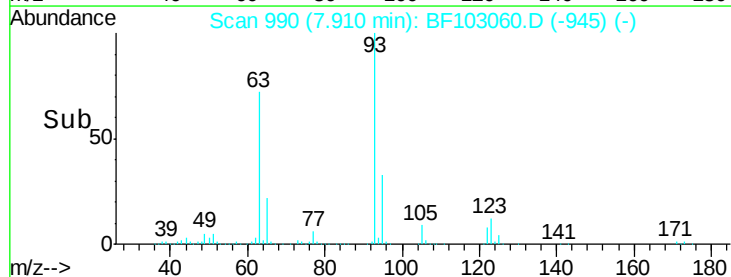
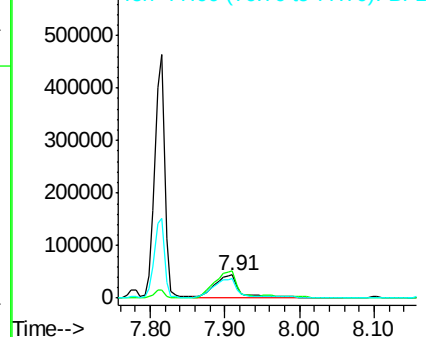


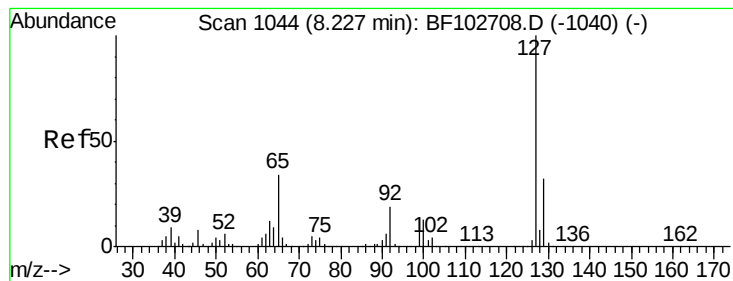
#32
Benzoic acid
Concen: 21.79 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.04 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion:122 Resp: 105262
Ion Ratio Lower Upper
122 100
105 118.5 101.1 141.1
77 84.6 70.7 110.7



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: 17.02 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF103060.D

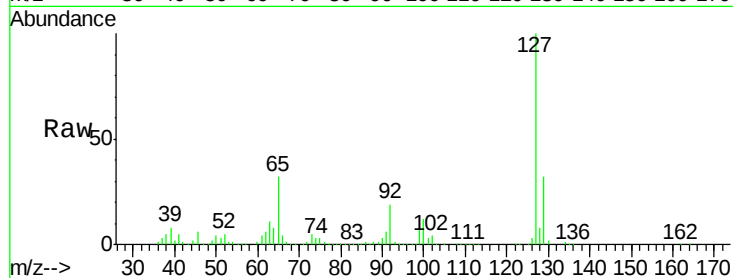
Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	127	Resp:	262793
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	32.5	25.0	37.4
92	19.1	15.2	22.8

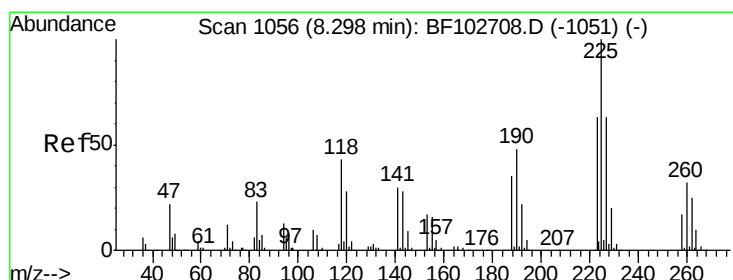
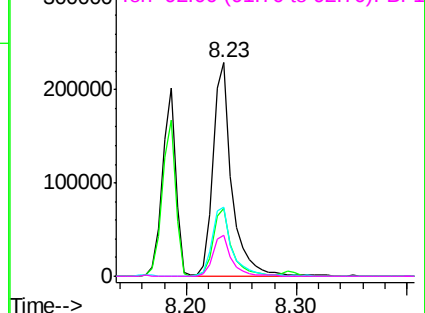
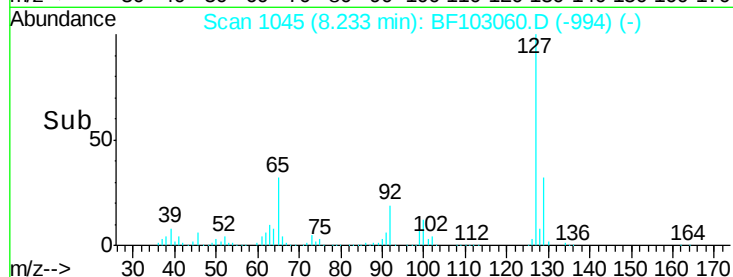


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34

Hexachlorobutadiene

Concen: 35.70 ng

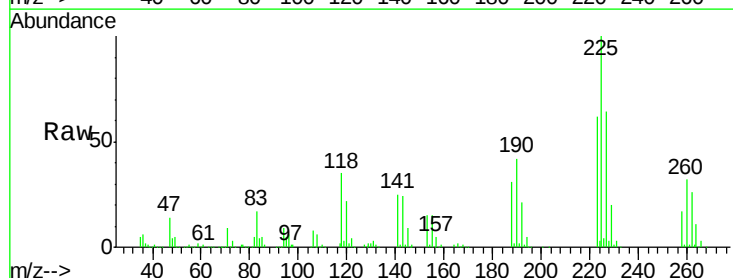
RT: 8.30 min Scan# 1056

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

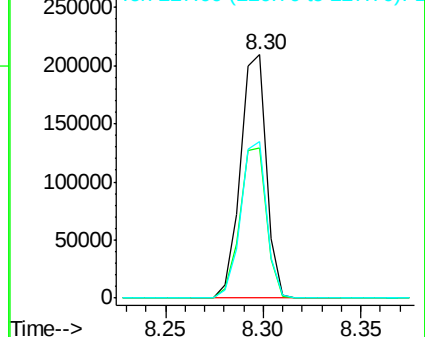
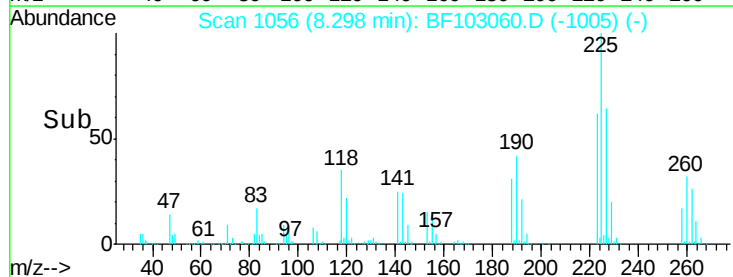
Tgt Ion:	225	Resp:	193499
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	64.2	51.9	77.9

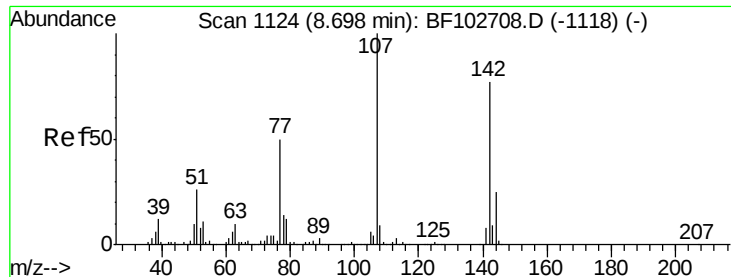


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

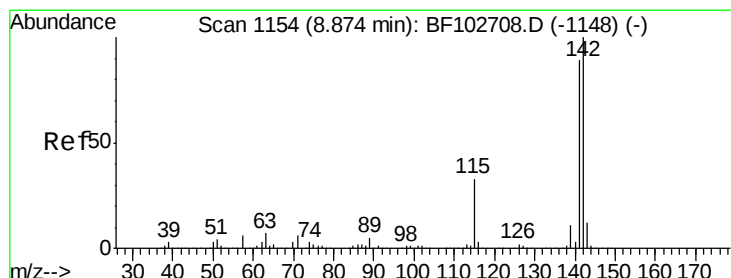
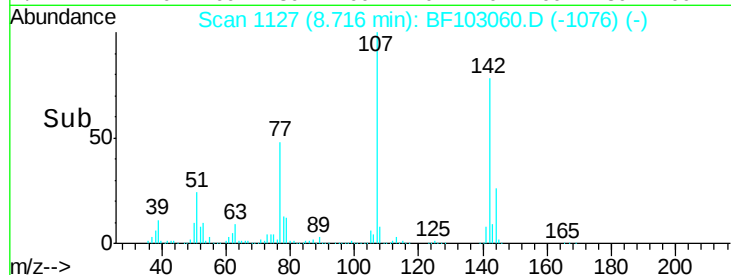
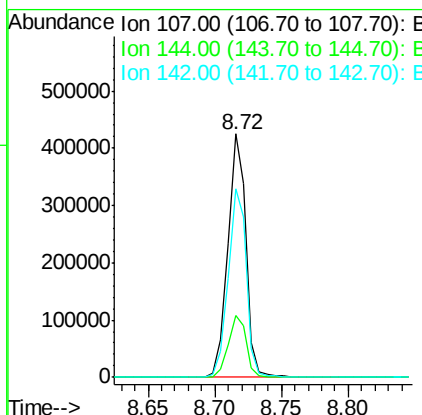
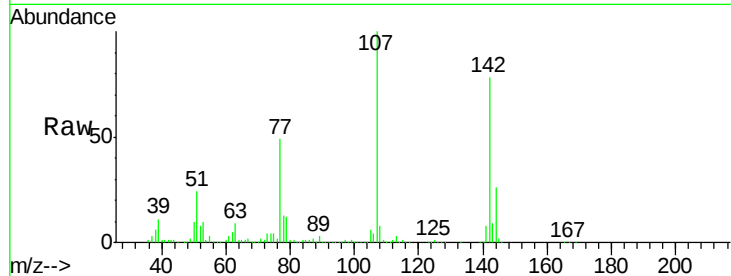




#36
 4-Chloro-3-methylphenol
 Concen: 38.91 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

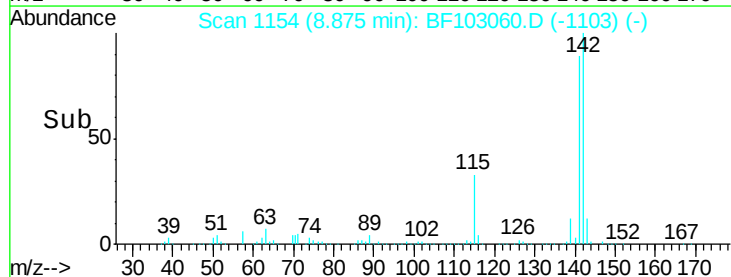
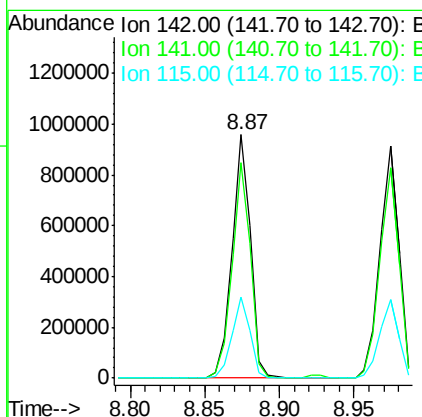
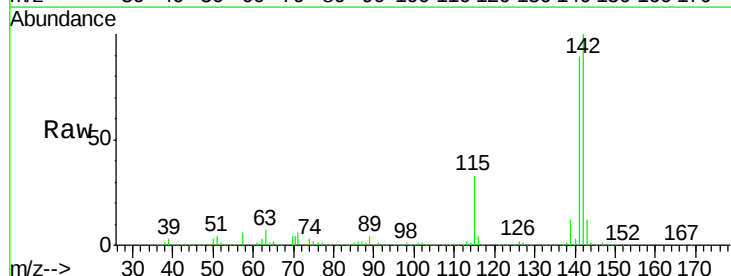
Instrument :
 BNA_F
 ClientSampled :

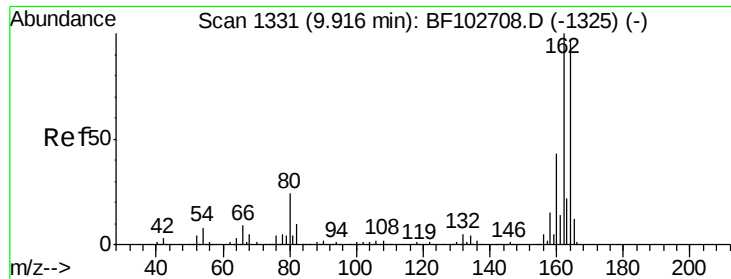
Tot Ion:107 Resp: 408751
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 77.7 62.0 93.0



#37
 2-Methylnaphthalene
 Concen: 35.86 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Tgt Ion:142 Resp: 841281
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.8 106.2
 115 33.3 26.1 39.1

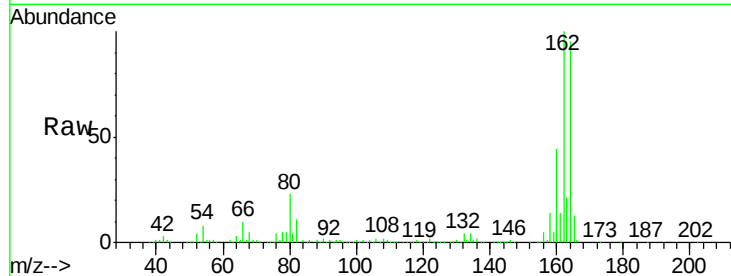




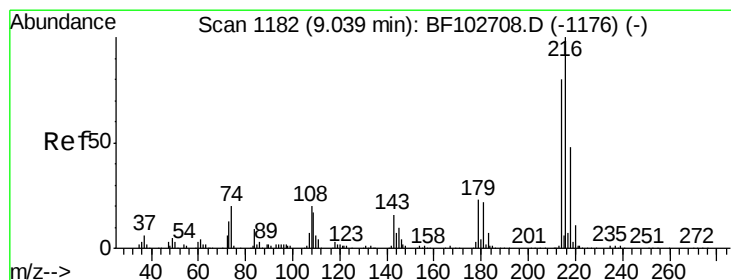
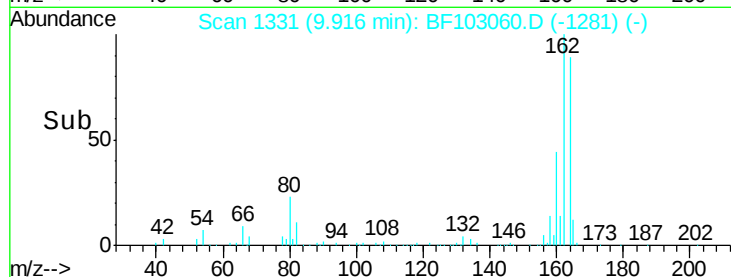
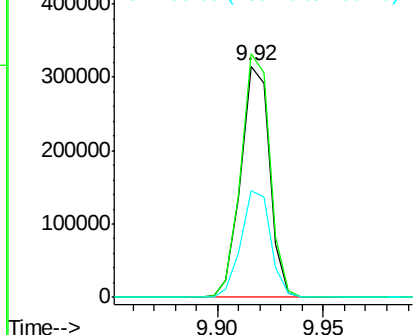
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.2	86.1	129.1
160	46.3	38.3	57.5



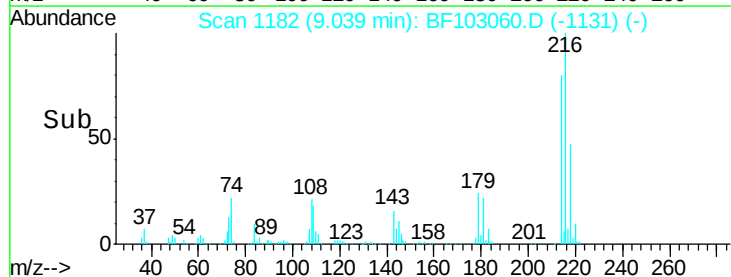
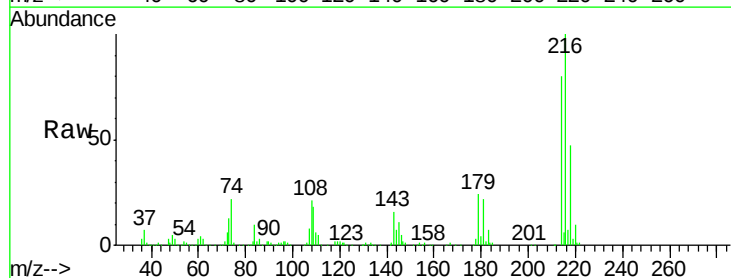
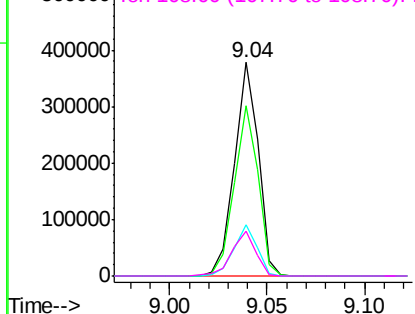
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

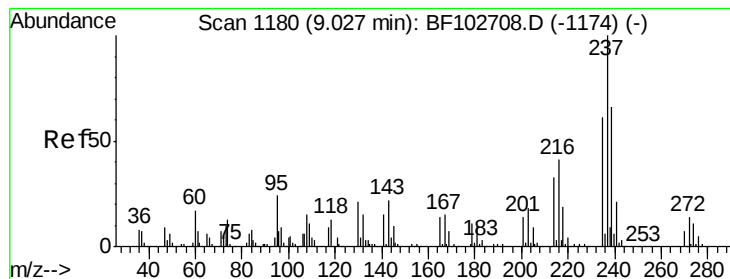


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.35 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.4
179	23.3	18.1	27.1
108	21.8	17.2	25.8

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





#40

Hexachlorocyclopentadiene

Concen: 14.42 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampled :

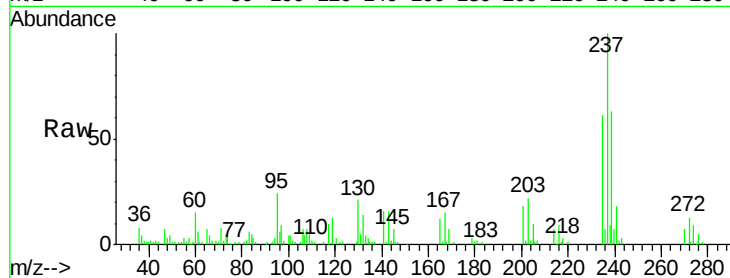
Tot Ion:237 Resp: 55665

Ion Ratio Lower Upper

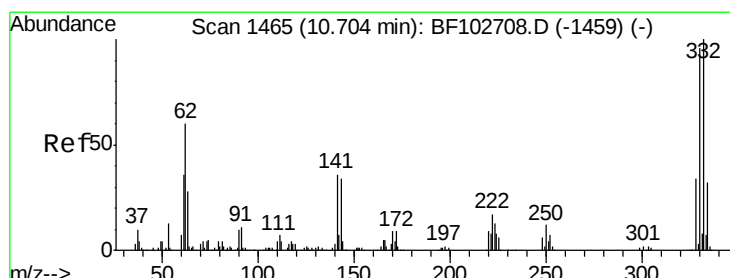
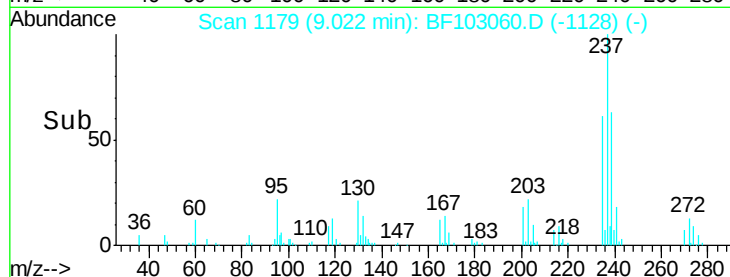
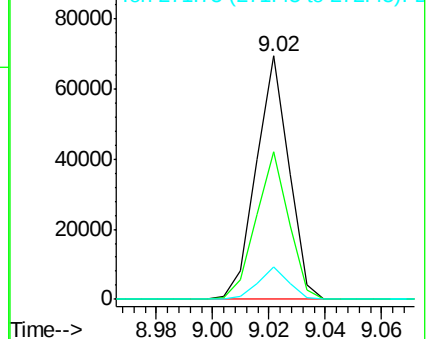
237 100

235 60.8 44.8 84.8

272 13.1 0.0 33.3



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



#41

2,4,6-Tribromophenol

Concen: 115.41 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

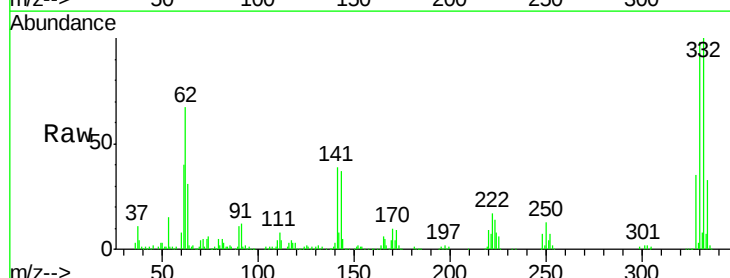
Tgt Ion:330 Resp: 277095

Ion Ratio Lower Upper

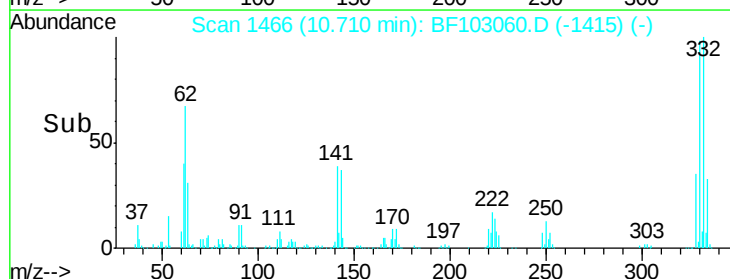
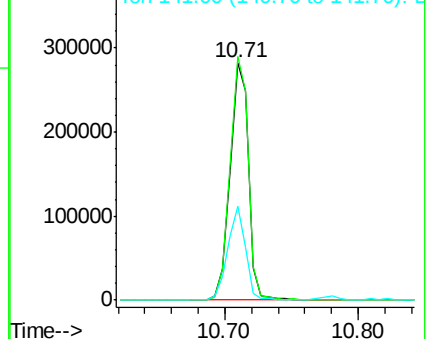
330 100

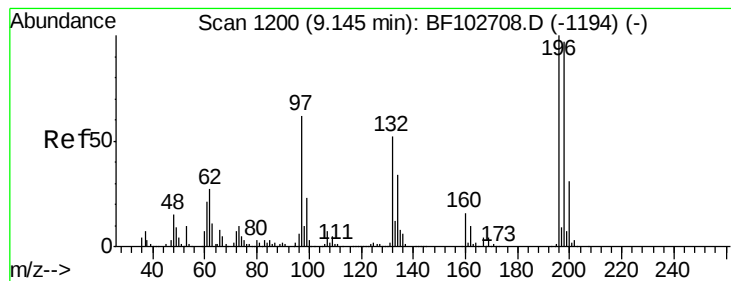
332 101.8 77.0 115.6

141 37.8 29.9 44.9



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





#42

2,4,6-Trichlorophenol

Concen: 42.97 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampled :

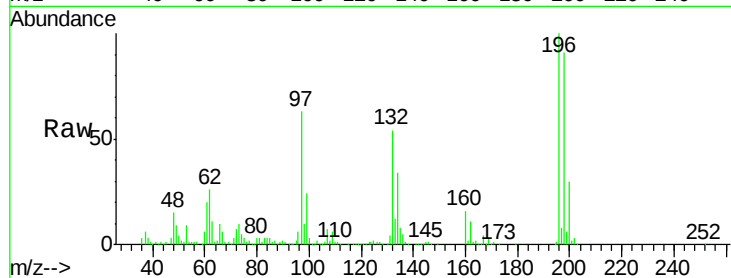
Tot Ion:196 Resp: 229233

Ion Ratio Lower Upper

196 100

198 91.0 75.7 113.5

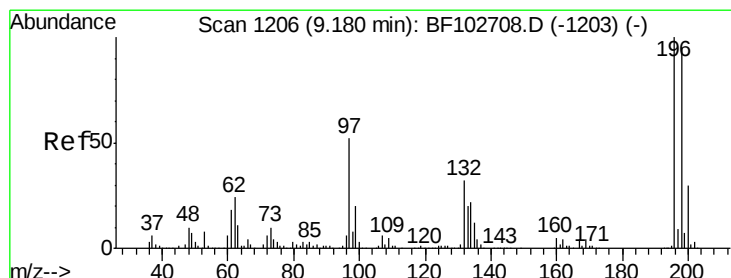
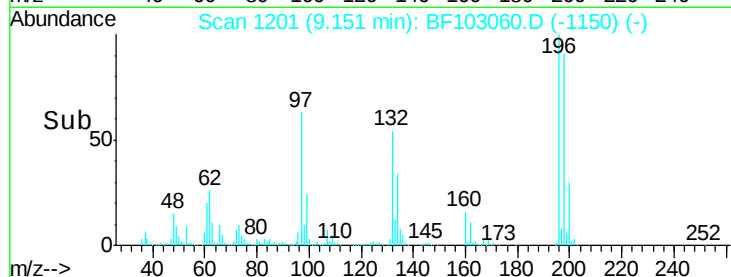
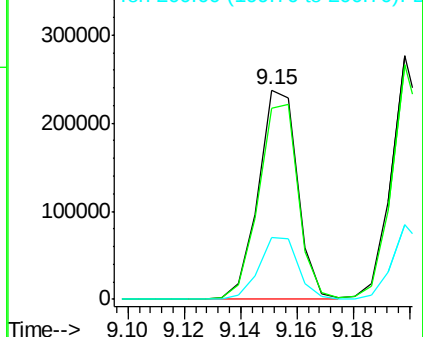
200 29.7 24.5 36.7



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



#43

2,4,5-Trichlorophenol

Concen: 38.90 ng

RT: 9.20 min Scan# 1209

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Tgt Ion:196 Resp: 233888

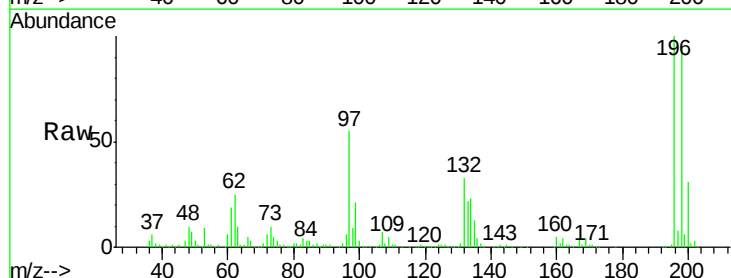
Ion Ratio Lower Upper

196 100

198 96.2 74.6 112.0

97 55.1 42.9 64.3

132 33.1 26.3 39.5

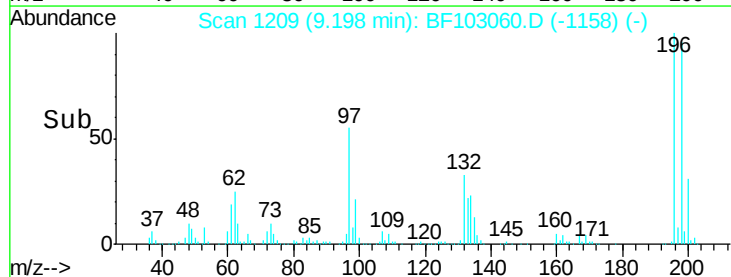
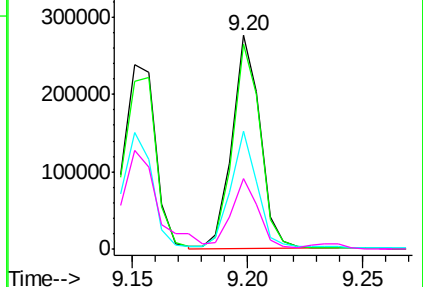


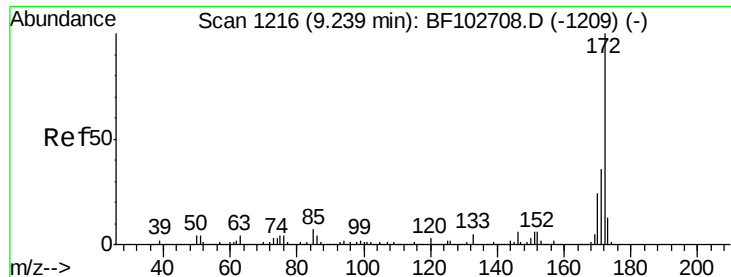
Abundance Ion 196.00 (195.70 to 196.70): E

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





#44

2-Fluorobiphenyl

Concen: 81.56 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

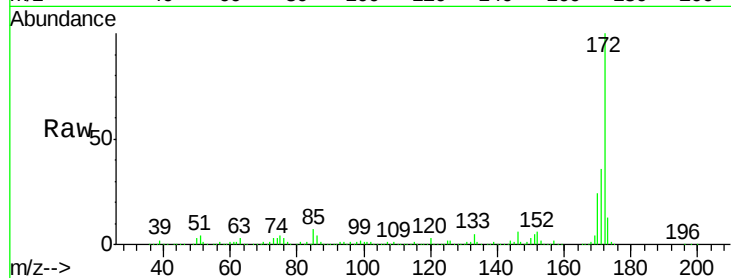
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1466180

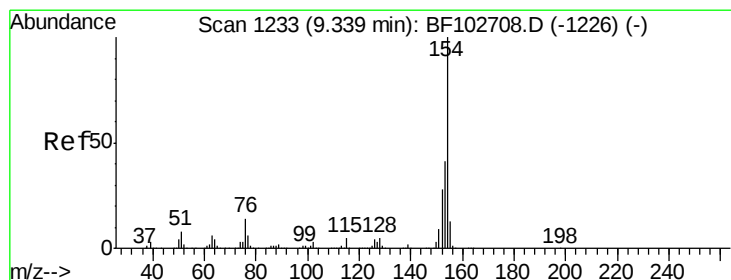
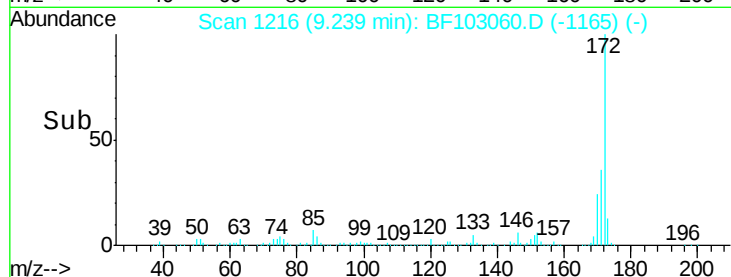
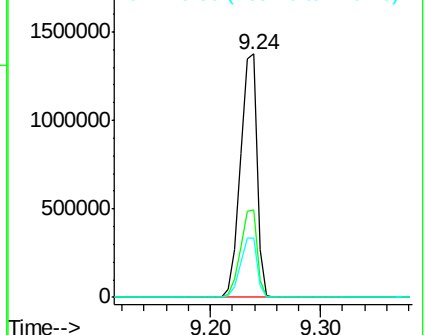
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	24.2	19.6	29.4



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



#45

1,1'-Biphenyl

Concen: 37.14 ng

RT: 9.34 min Scan# 1233

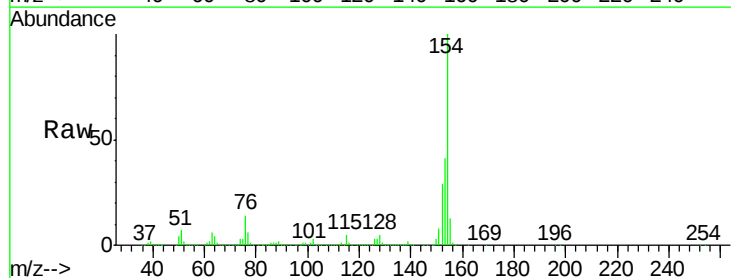
Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Tgt Ion:154 Resp: 933281

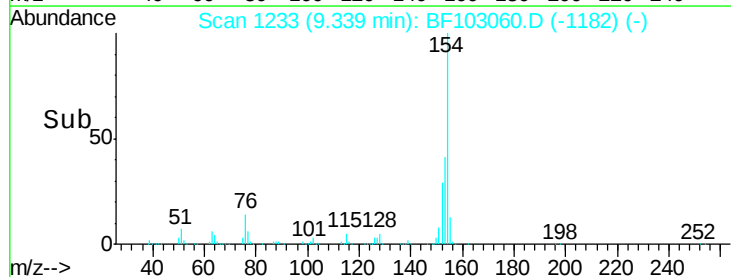
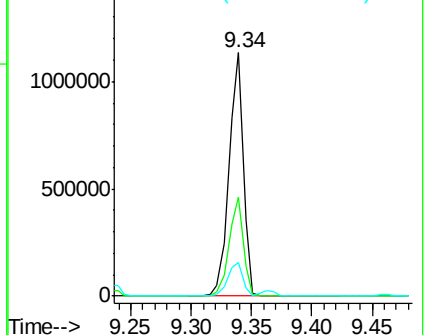
Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.7	0.0	34.0

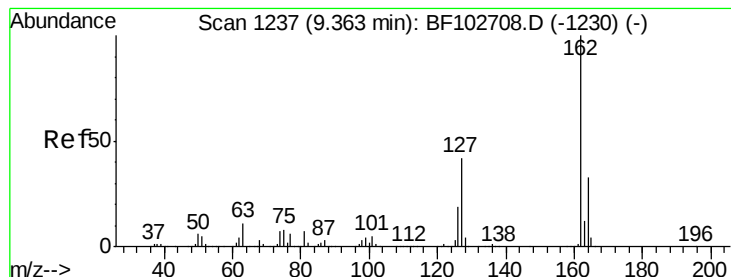


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#46

2-Chloronaphthalene

Concen: 37.07 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

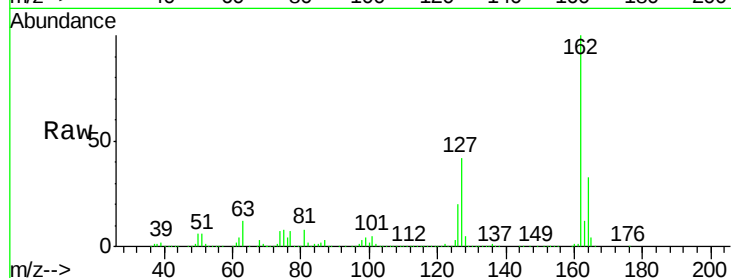
Tot Ion:162 Resp: 733179

Ion Ratio Lower Upper

162 100

127 42.0 33.9 50.9

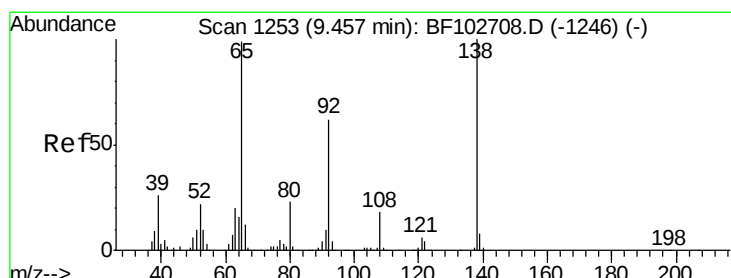
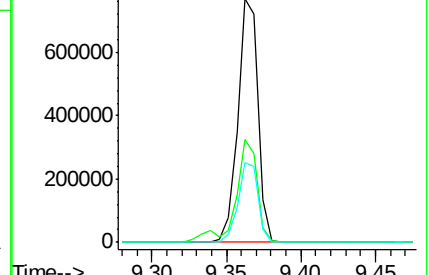
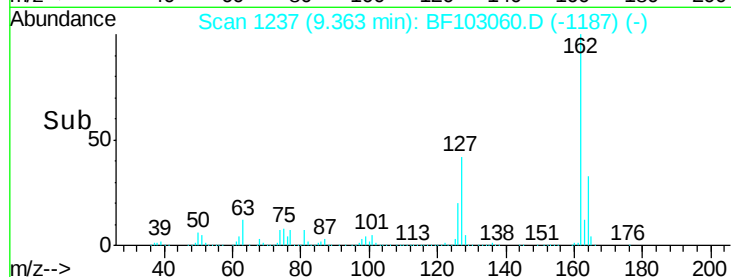
164 32.8 26.5 39.7



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



#47

2-Nitroaniline

Concen: 46.88 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

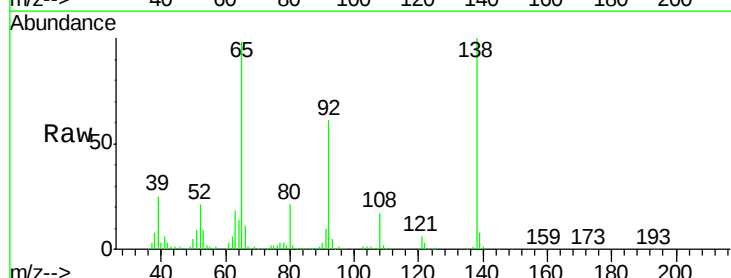
Tgt Ion: 65 Resp: 285646

Ion Ratio Lower Upper

65 100

92 62.7 55.8 83.6

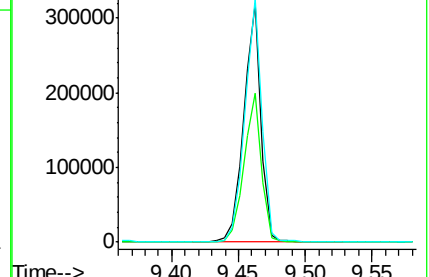
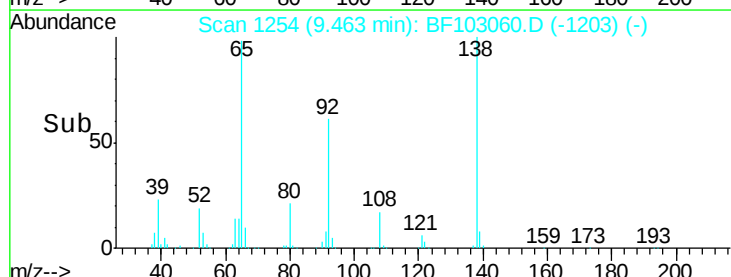
138 102.2 91.2 136.8

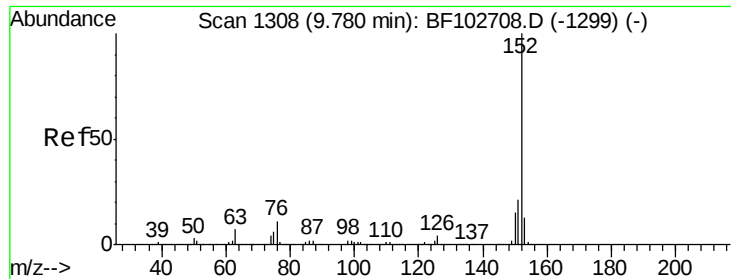


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E

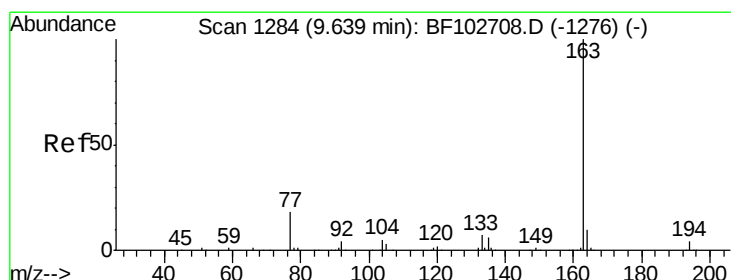
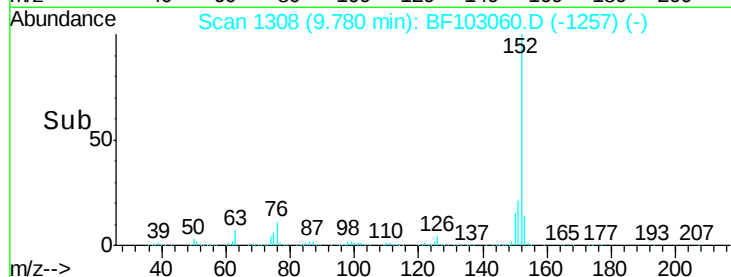
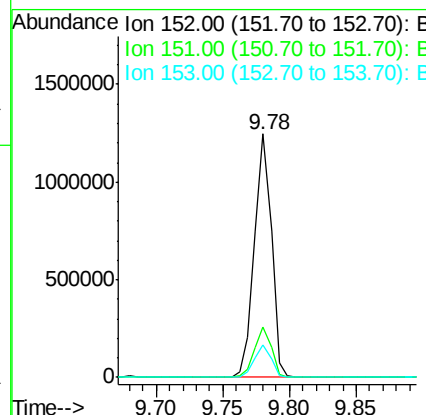
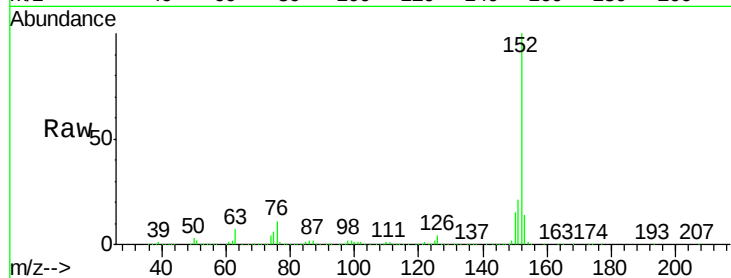




#48
Acenaphthylene
Concen: 35.32 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

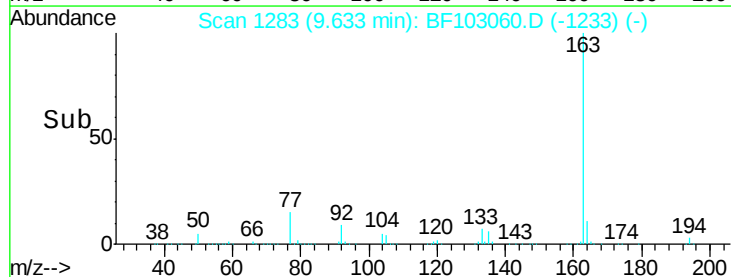
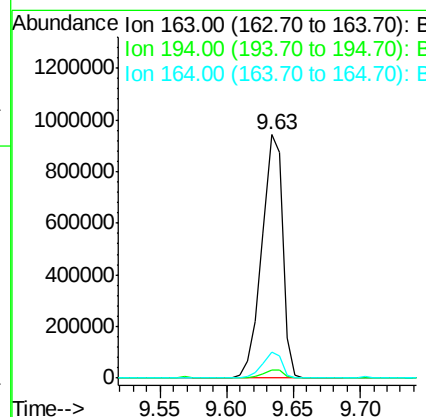
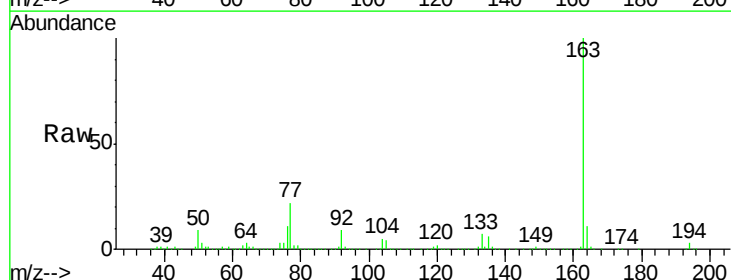
Instrument :
BNA_F
ClientSampleId :

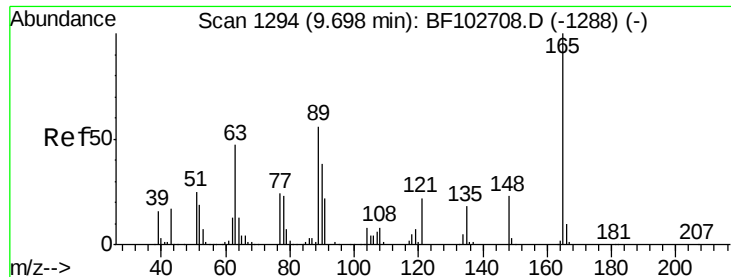
Tot Ion:152 Resp: 1085138
Ion Ratio Lower Upper
152 100
151 20.9 16.3 24.5
153 13.5 10.7 16.1



#49
Dimethylphthalate
Concen: 43.30 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion:163 Resp: 1007115
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 10.5 8.2 12.2

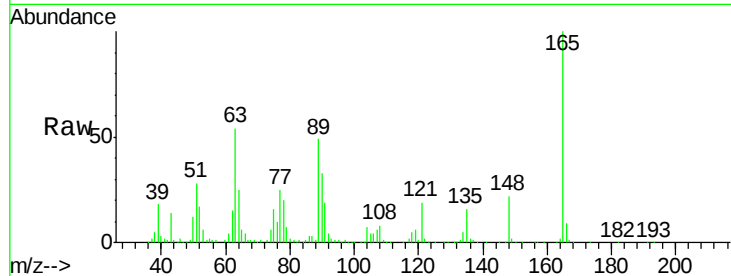




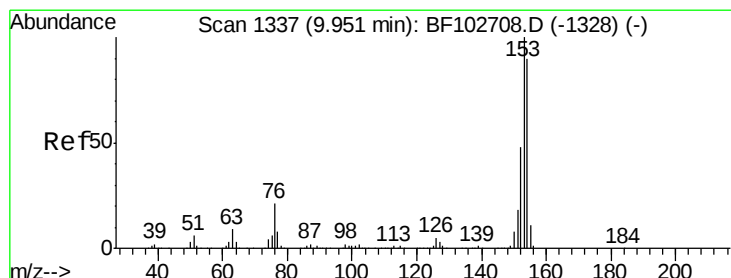
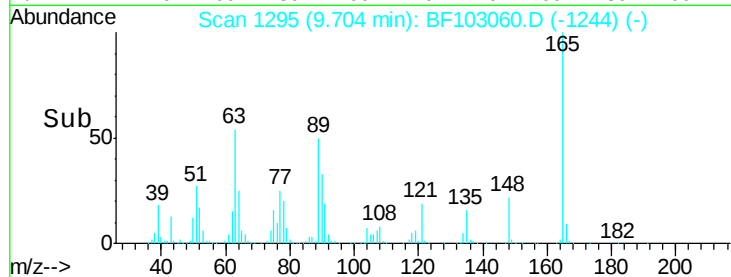
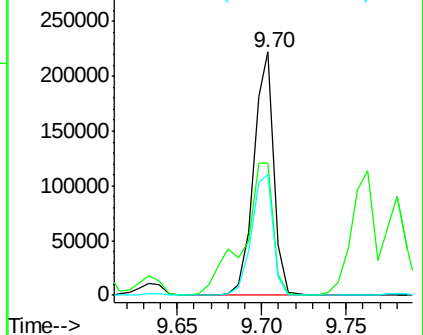
#50
 2,6-Dinitrotoluene
 Concen: 41.93 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	54.4	44.7	67.1
89	49.5	44.0	66.0

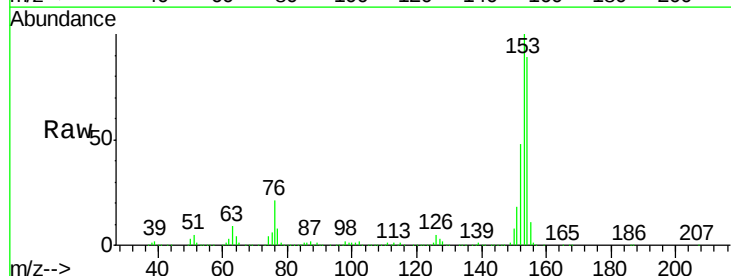


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

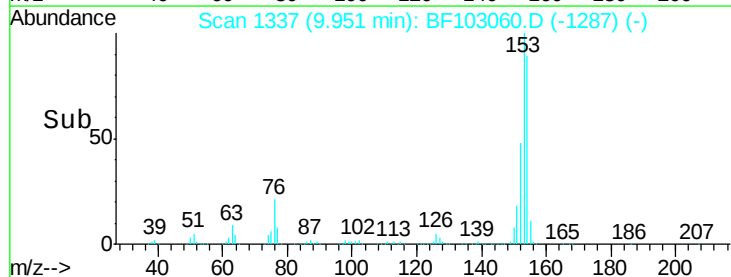
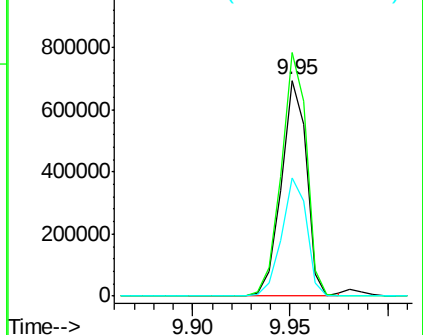


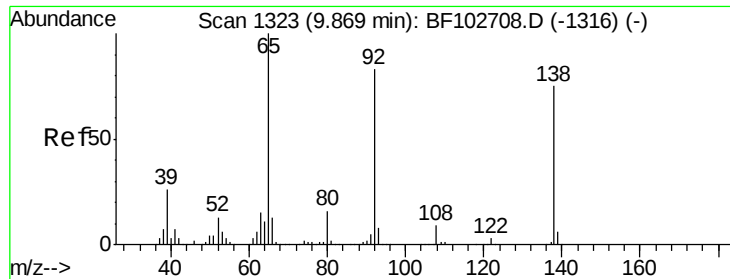
#51
 Acenaphthene
 Concen: 33.98 ng
 RT: 9.95 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.2	136.8
152	54.7	43.8	65.8



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

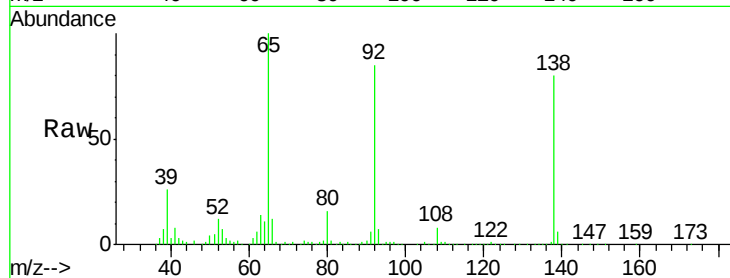




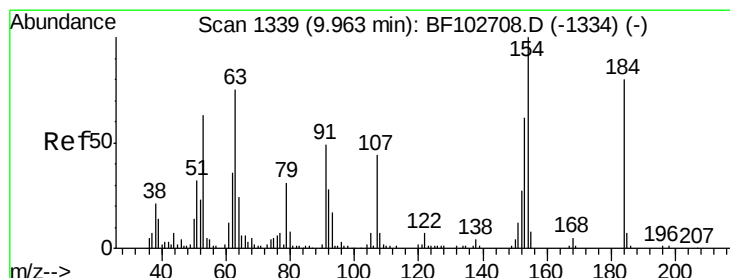
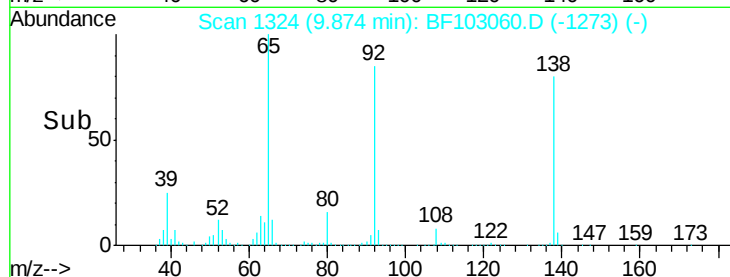
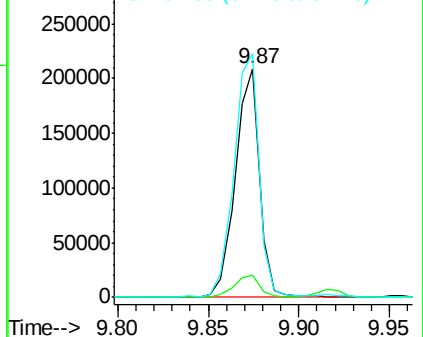
#52
3-Nitroaniline
Concen: 35.69 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 194357
Ion Ratio Lower Upper
138 100
108 9.9 9.4 14.0
92 106.6 89.4 134.2

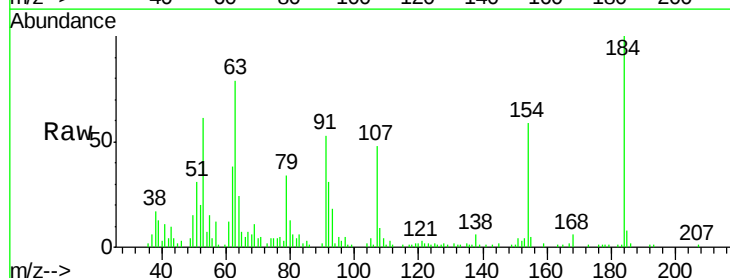


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

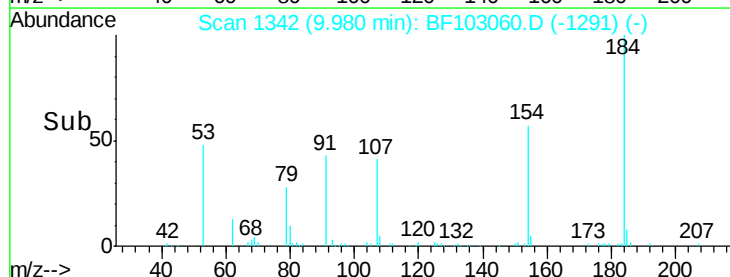
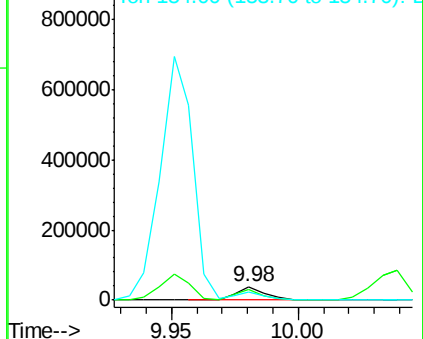


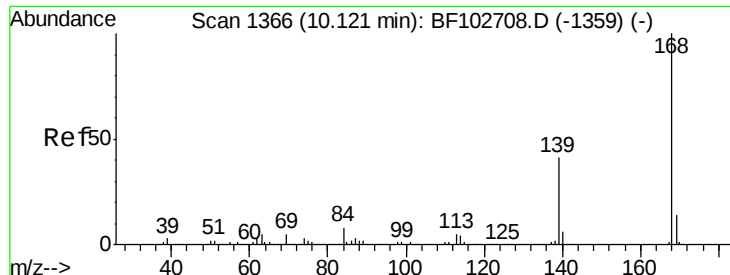
#53
2,4-Dinitrophenol
Concen: 36.40 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion:184 Resp: 31593
Ion Ratio Lower Upper
184 100
63 78.8 54.2 81.2
154 59.1 184.0 276.0#



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





#54

Dibenzenofuran

Concen: 36.09 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampled :

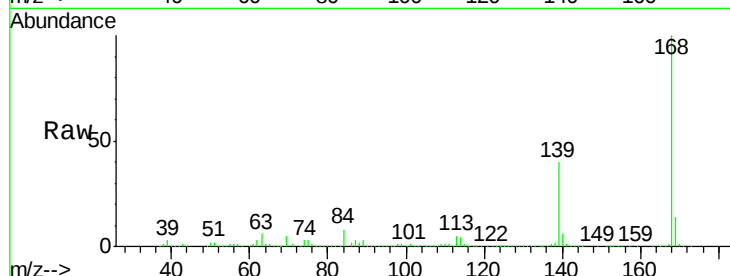
Tot Ion:168 Resp: 934426

Ion Ratio Lower Upper

168 100

139 40.2 30.1 45.1

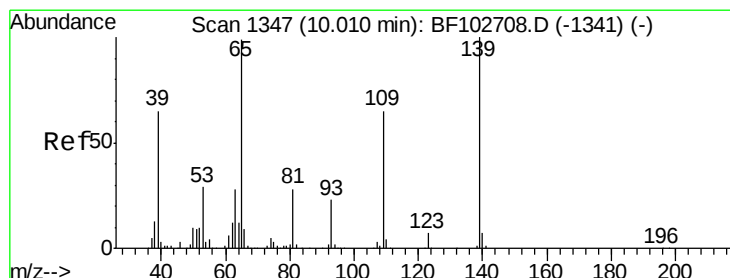
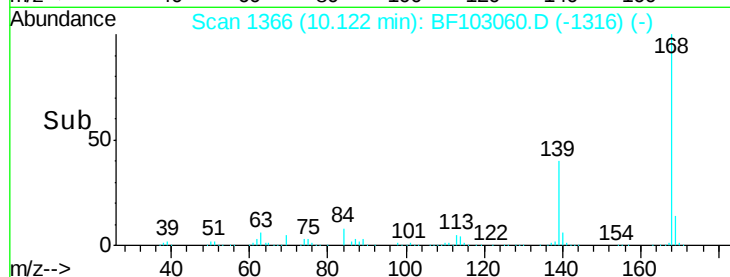
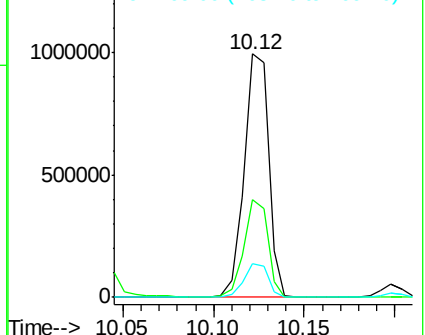
169 13.8 10.9 16.3



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



#55

4-Nitrophenol

Concen: 65.59 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

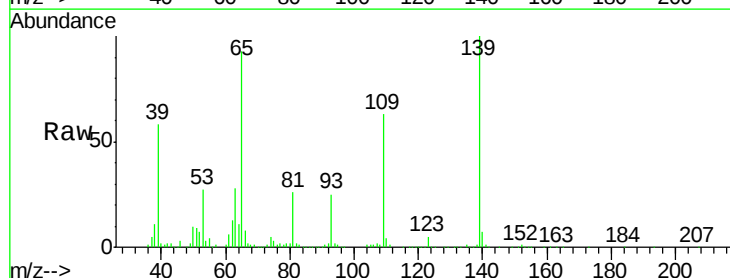
Tgt Ion:139 Resp: 290071

Ion Ratio Lower Upper

139 100

109 62.7 48.4 88.4

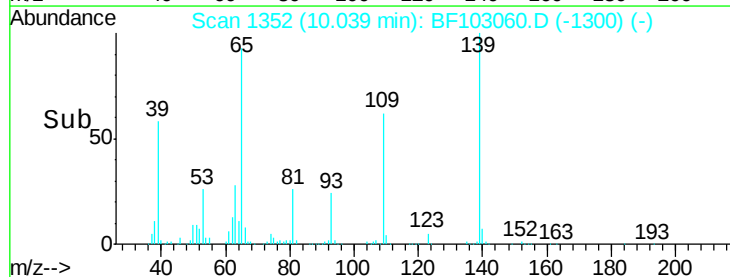
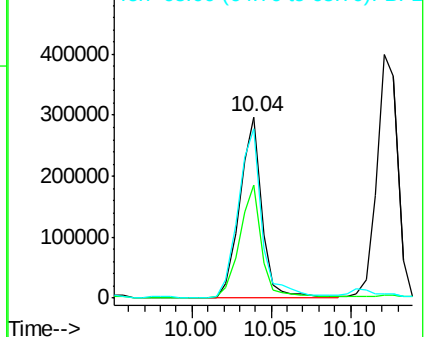
65 93.4 72.6 112.6

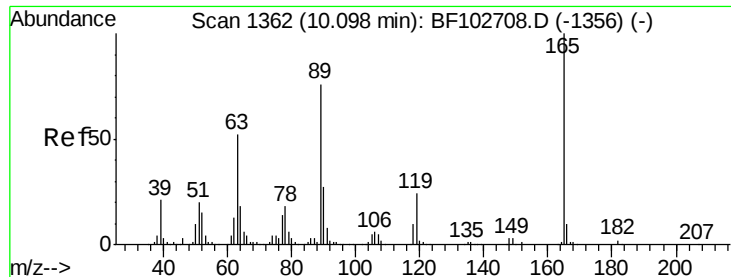


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

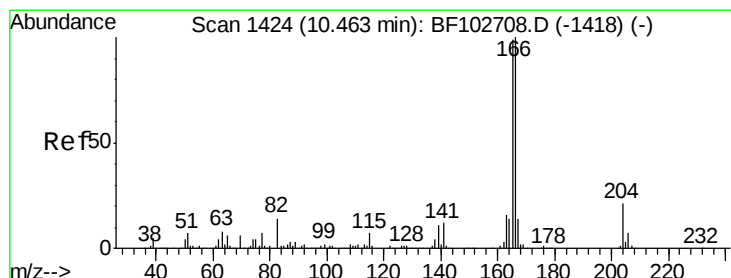
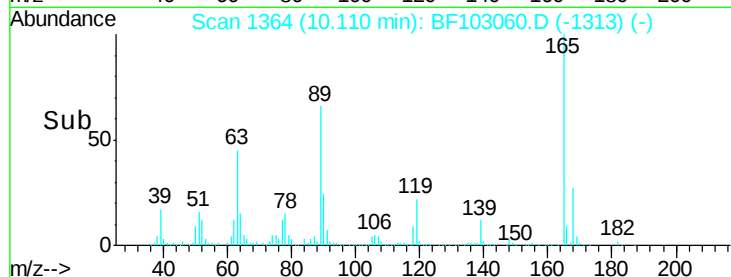
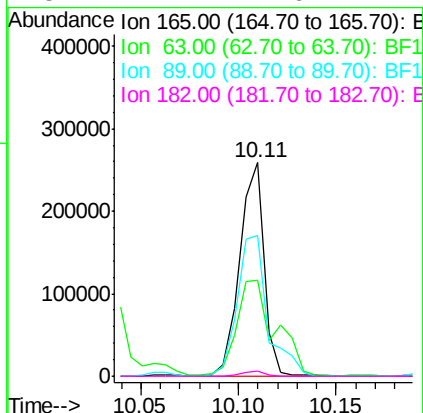
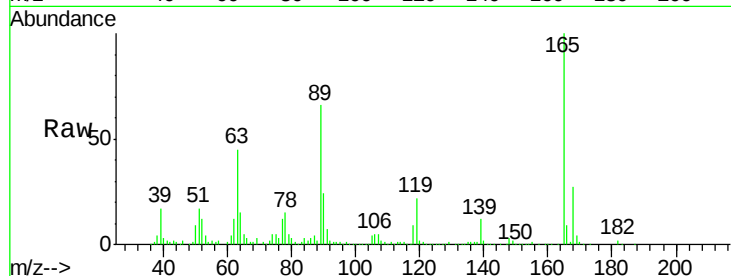




#56
2,4-Dinitrotoluene
Concen: 38.27 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

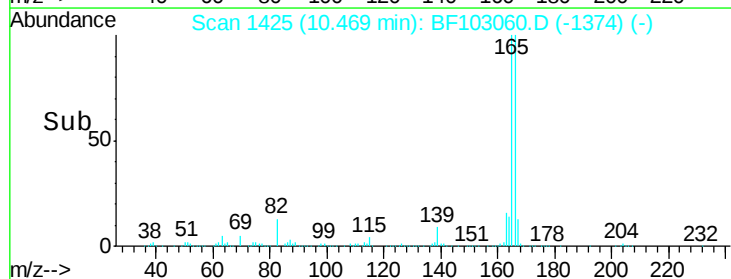
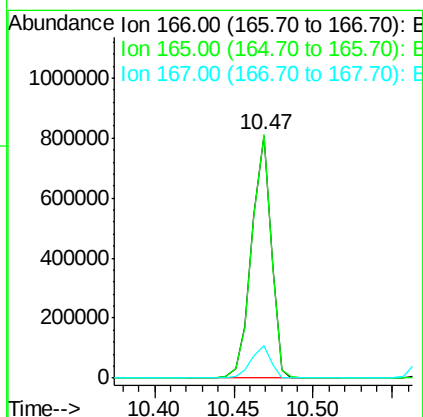
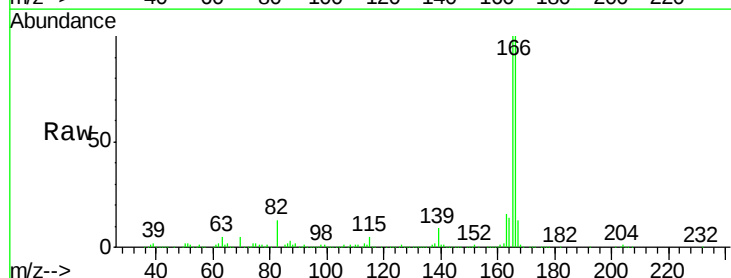
Instrument :
BNA_F
ClientSampleId :

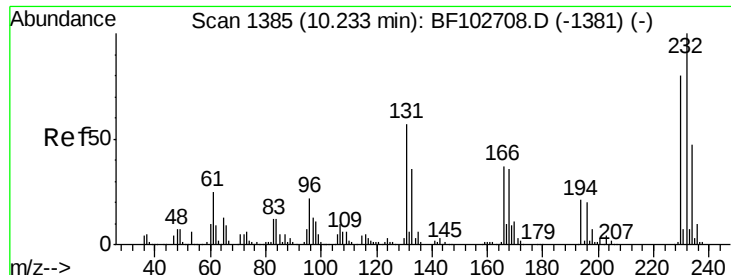
Tot Ion:	165	Resp:	223198
Ion	Ratio	Lower	Upper
165	100		
63	44.9	36.4	54.6
89	66.2	57.8	86.6
182	2.4	1.6	2.4#



#57
Fluorene
Concen: 36.85 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion:	166	Resp:	694243
Ion	Ratio	Lower	Upper
166	100		
165	100.3	79.8	119.8
167	13.4	10.6	16.0

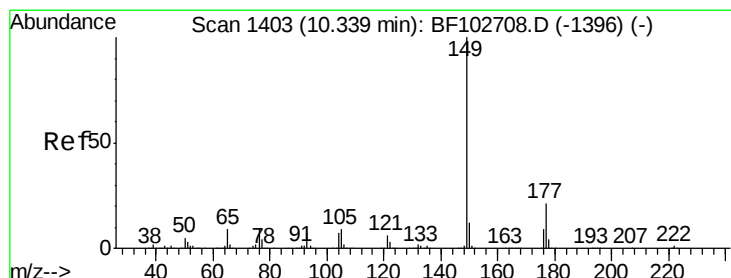
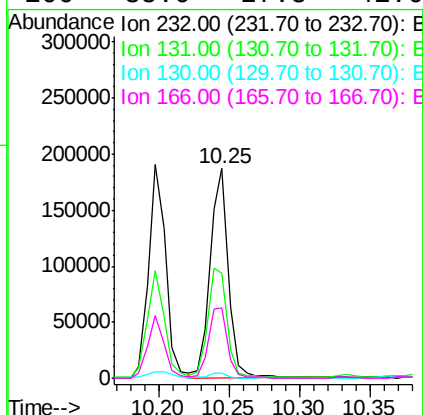
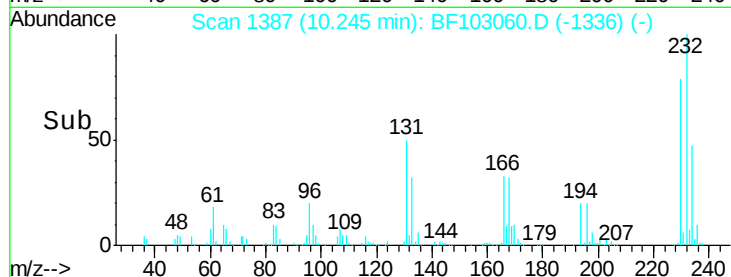
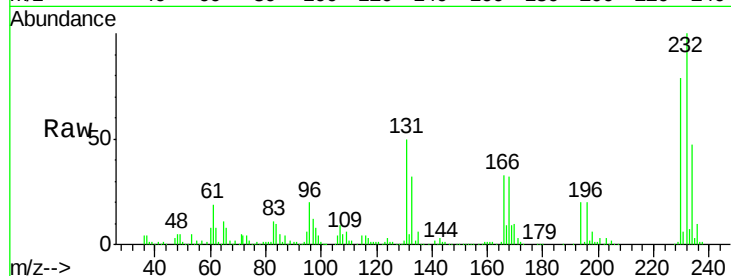




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.12 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

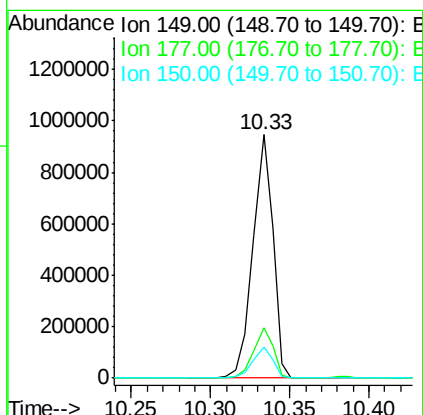
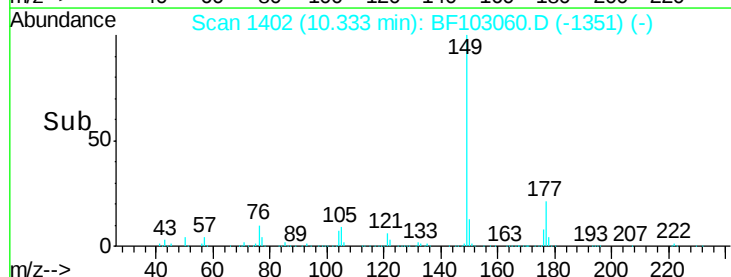
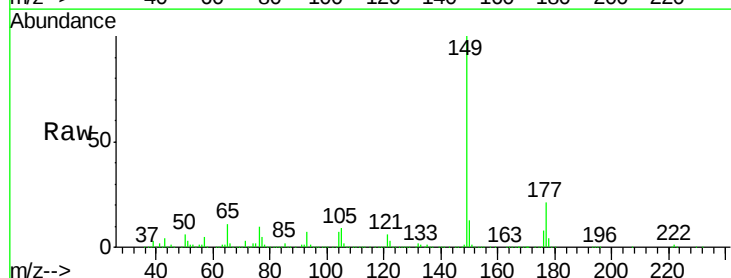
Instrument :
 BNA_F
 ClientSampled :

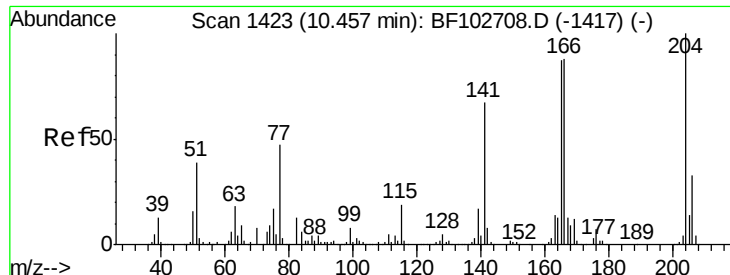
Tot Ion:232 Resp: 167189
 Ion Ratio Lower Upper
 232 100
 131 55.6 43.8 65.8
 130 3.0 2.1 3.1
 166 35.0 27.8 41.6



#59
 Diethylphthalate
 Concen: 36.11 ng
 RT: 10.33 min Scan# 1402
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Tgt Ion:149 Resp: 829377
 Ion Ratio Lower Upper
 149 100
 177 20.7 16.1 24.1
 150 12.7 10.1 15.1

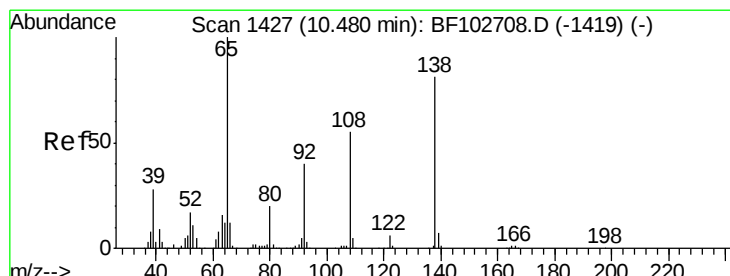
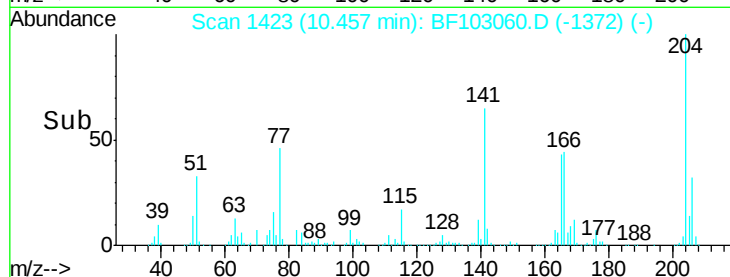
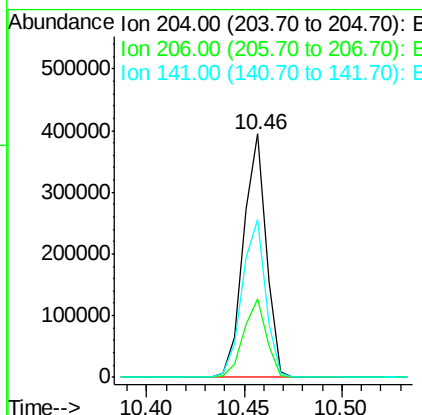
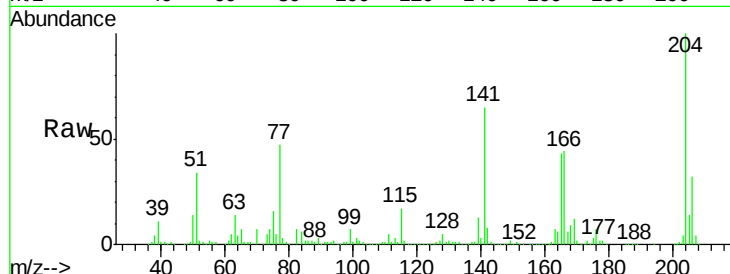




#60
 4-Chlorophenyl-phenylether
 Concen: 38.37 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

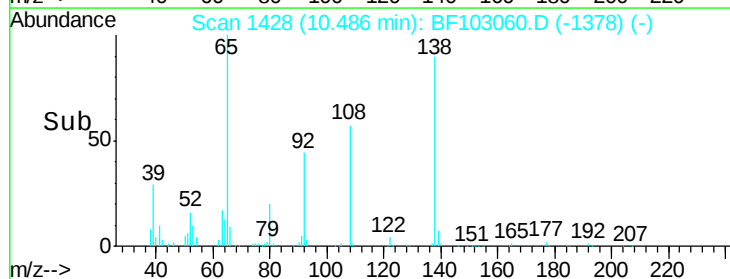
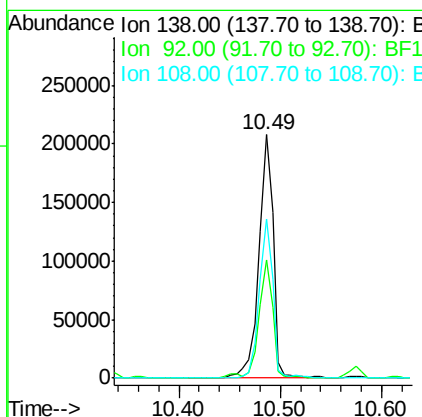
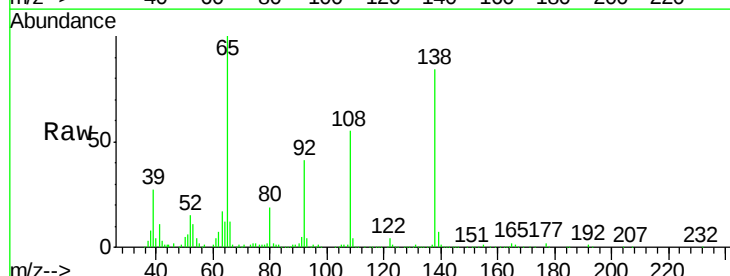
Instrument :
 BNA_F
 ClientSampleId :

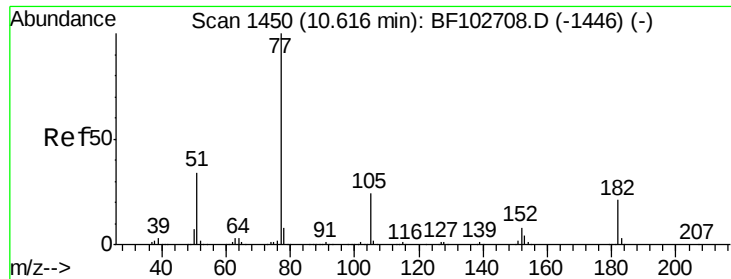
Tot Ion:204 Resp: 319797
 Ion Ratio Lower Upper
 204 100
 206 32.3 26.5 39.7
 141 65.0 54.6 81.8



#61
 4-Nitroaniline
 Concen: 39.50 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Tgt Ion:138 Resp: 204736
 Ion Ratio Lower Upper
 138 100
 92 48.8 30.2 70.2
 108 65.3 52.5 92.5

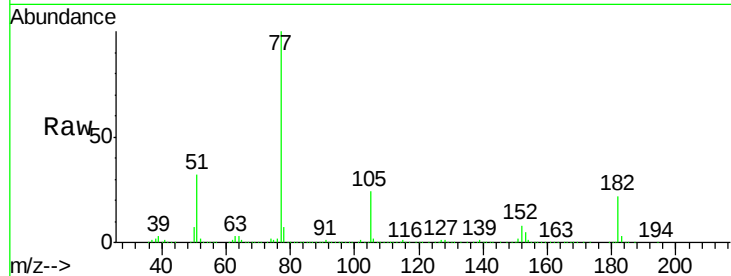




#62
Azobenzene
Concen: 34.98 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.8	1.7	41.7
105	24.5	3.0	43.0
51	32.2	9.9	49.9



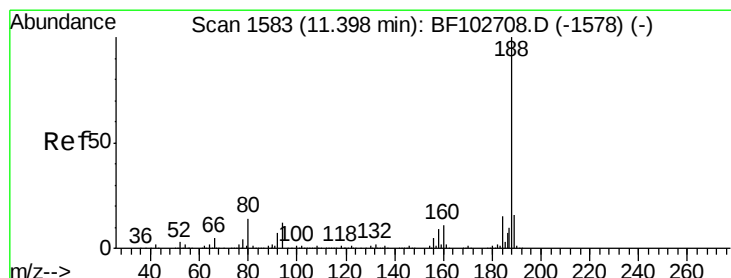
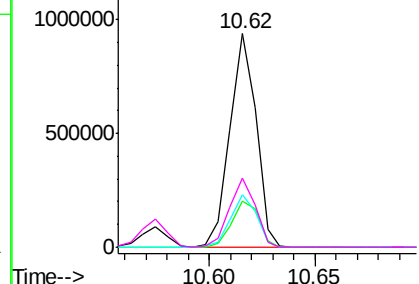
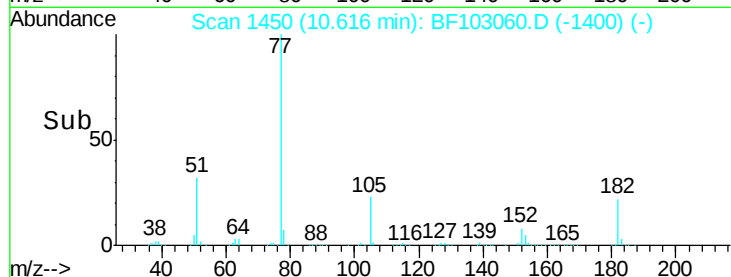
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

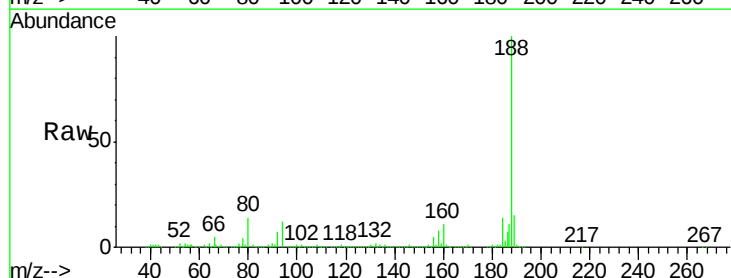
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.2	8.5	12.7
80	13.6	9.2	13.8

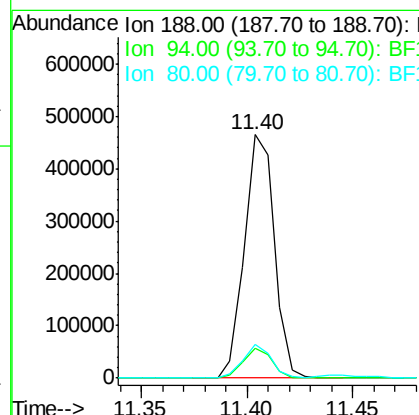
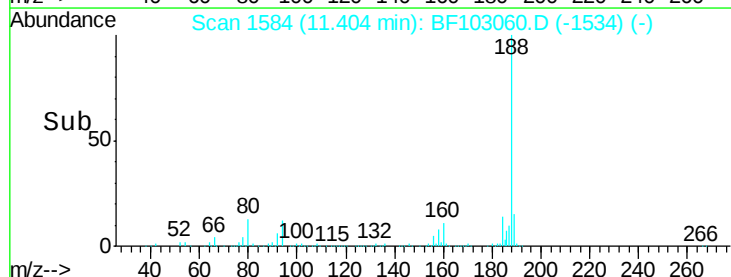


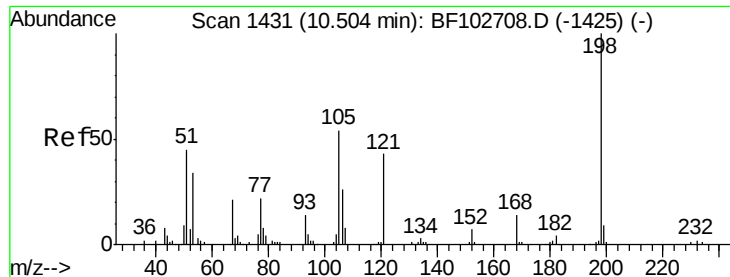
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

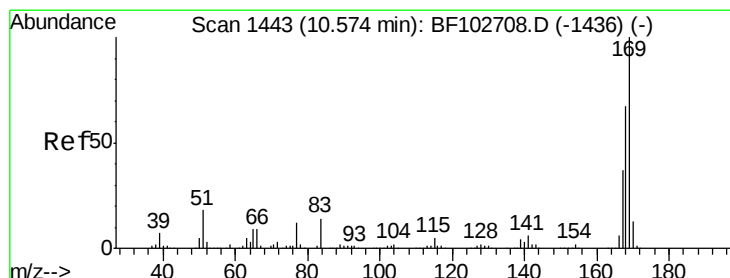
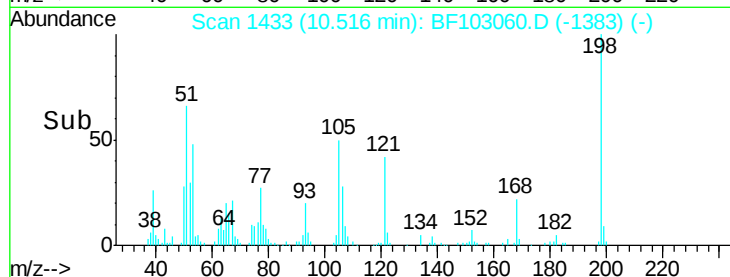
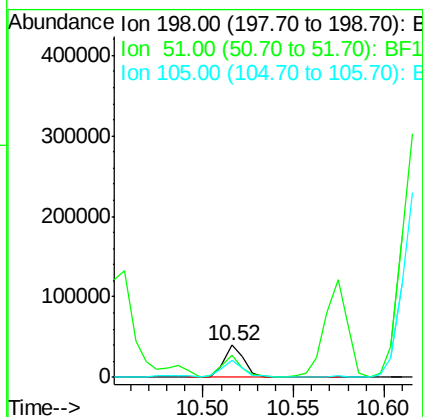
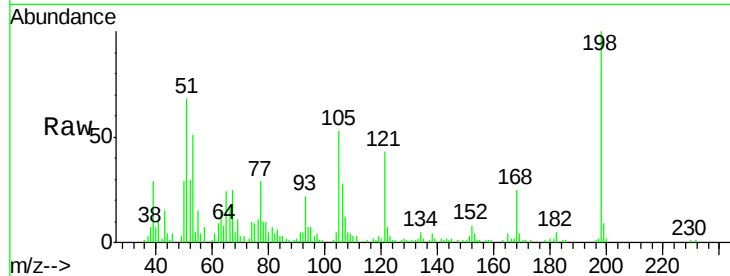




#64
4,6-Dinitro-2-methylphenol
Concen: 23.41 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

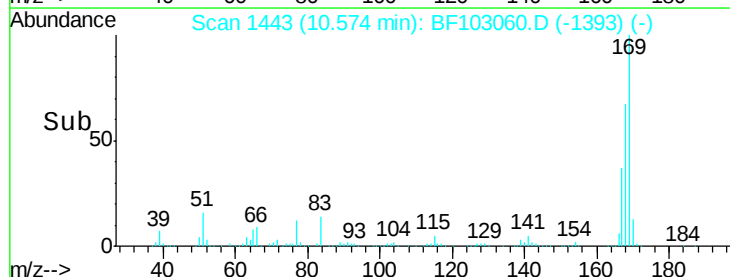
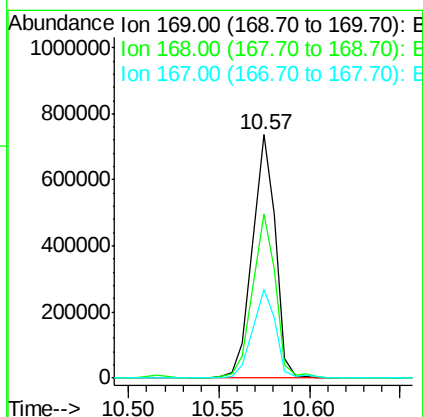
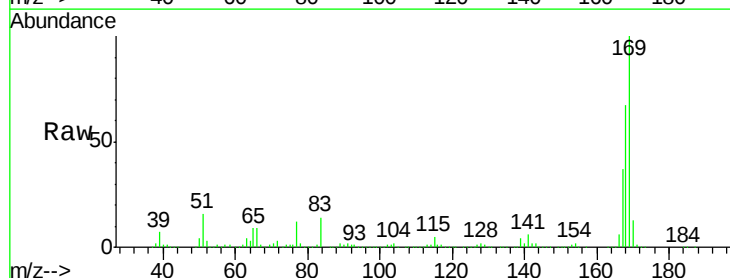
Instrument :
BNA_F
ClientSampled :

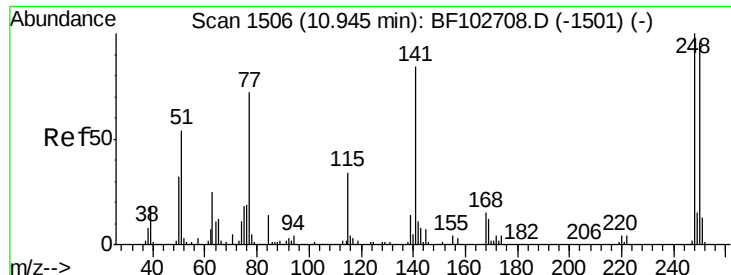
Tot Ion:198 Resp: 31482
Ion Ratio Lower Upper
198 100
51 67.9 37.7 77.7
105 52.7 36.3 76.3



#65
n-Nitrosodiphenylamine
Concen: 40.19 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion:169 Resp: 647460
Ion Ratio Lower Upper
169 100
168 67.4 54.4 81.6
167 36.7 29.8 44.6

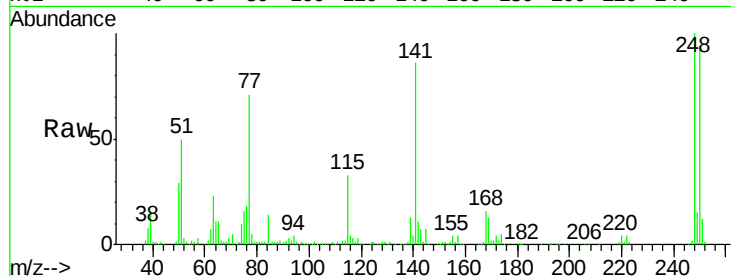




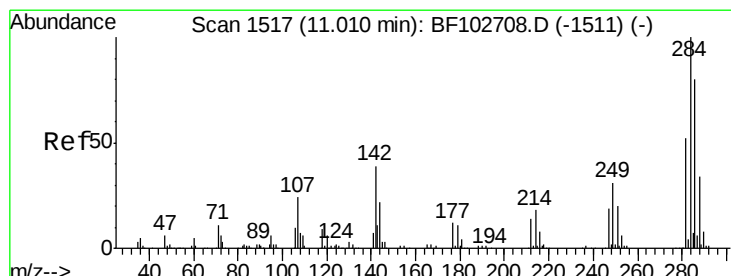
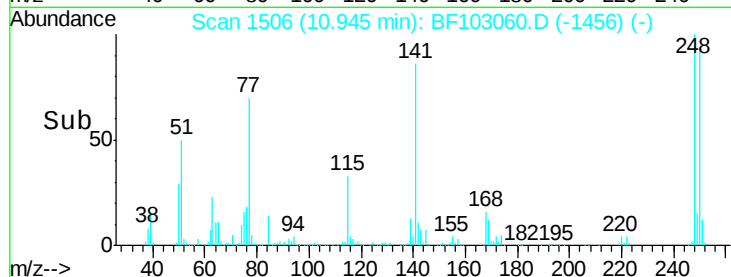
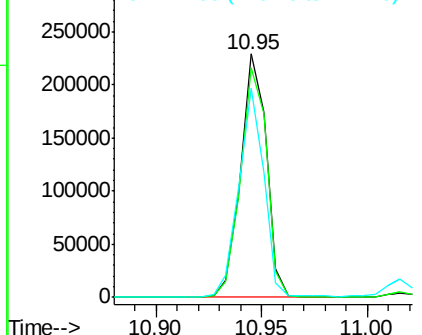
#66
4-Bromophenyl-phenylether
Concen: 39.87 ng
RT: 10.95 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 192644
Ion Ratio Lower Upper
248 100
250 94.2 76.9 115.3
141 85.9 74.4 111.6

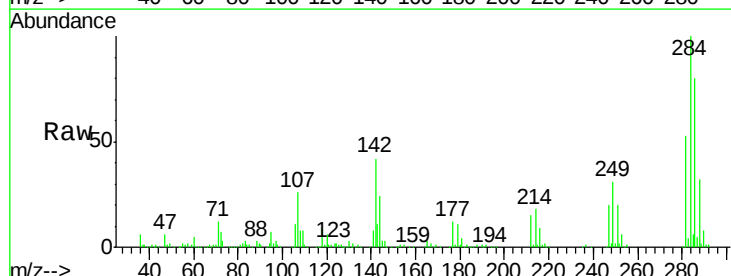


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

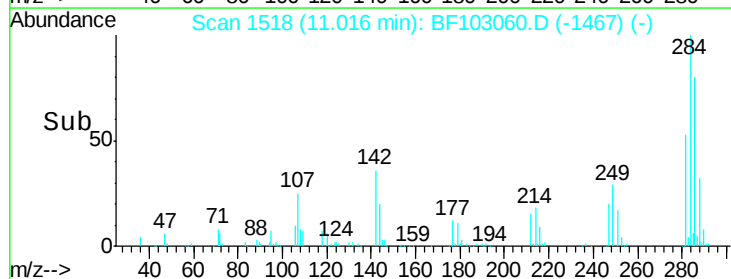
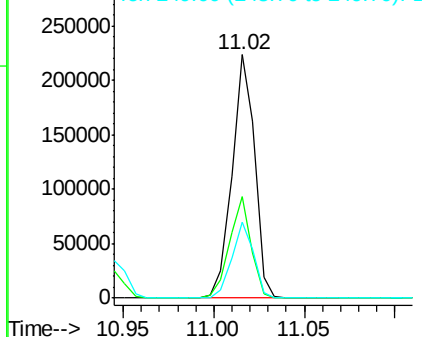


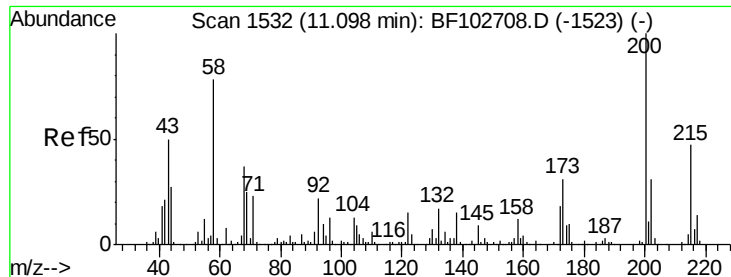
#67
Hexachlorobenzene
Concen: 36.36 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion:284 Resp: 193808
Ion Ratio Lower Upper
284 100
142 41.6 34.6 52.0
249 31.4 24.8 37.2



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





#68

Atrazine

Concen: 38.00 ng

RT: 11.10 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

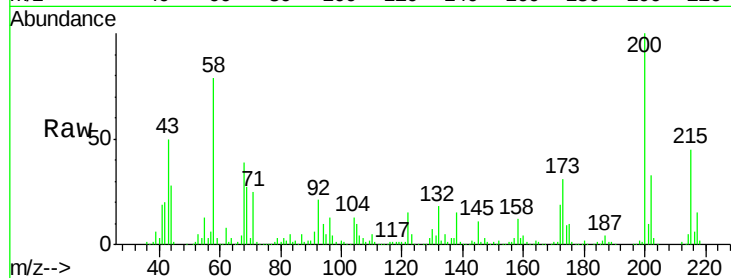
Tot Ion:200 Resp: 180626

Ion Ratio Lower Upper

200 100

173 31.2 8.6 48.6

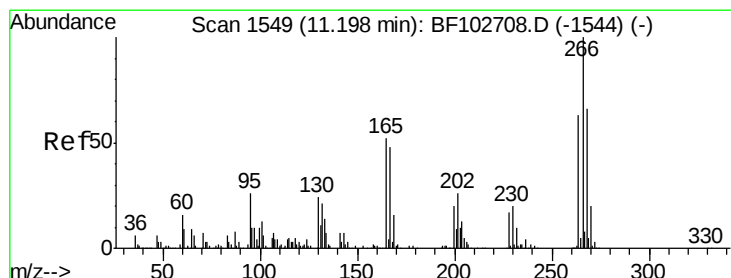
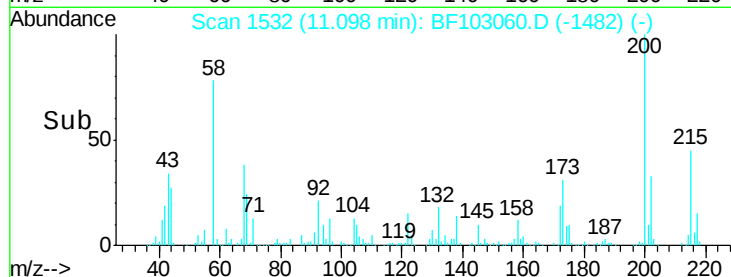
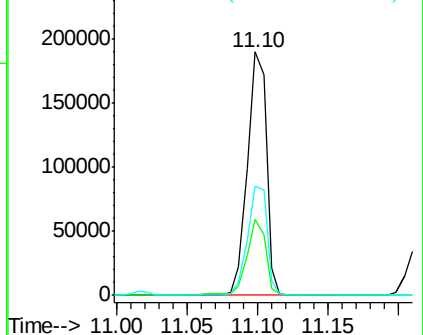
215 44.9 25.1 65.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 57.33 ng

RT: 11.21 min Scan# 1551

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

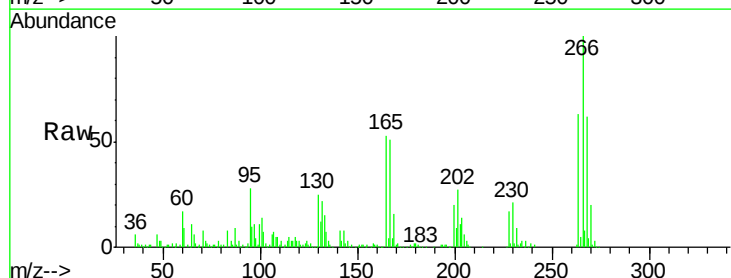
Tgt Ion:266 Resp: 179377

Ion Ratio Lower Upper

266 100

268 61.9 51.1 76.7

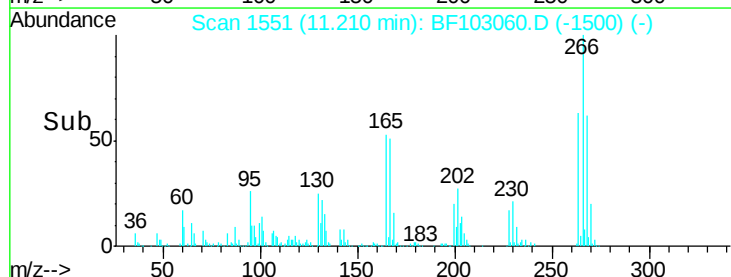
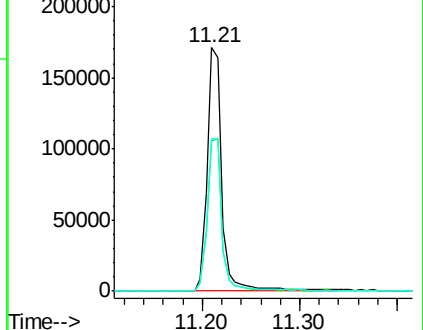
264 62.8 49.5 74.3

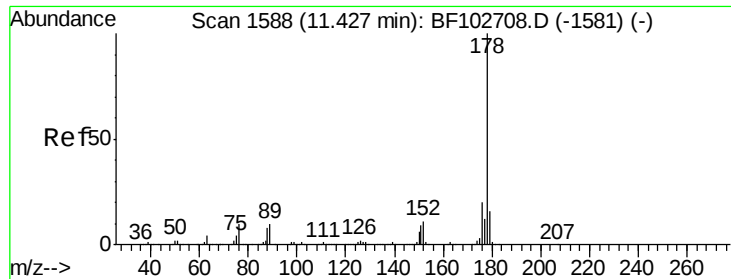


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 38.12 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

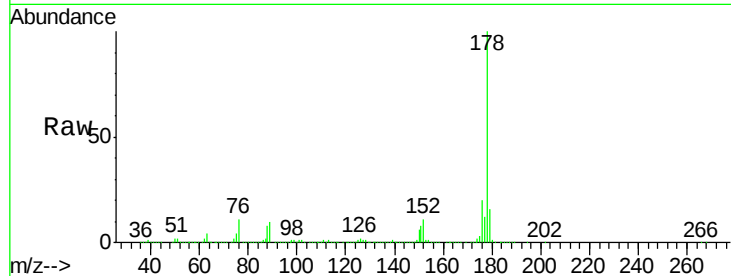
Instrument :

BNA_F

ClientSampled :

Tot Ion:178 Resp: 969735

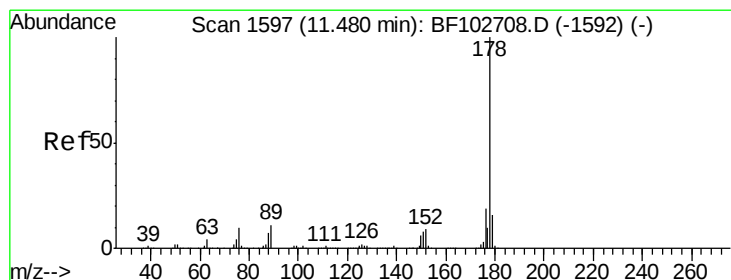
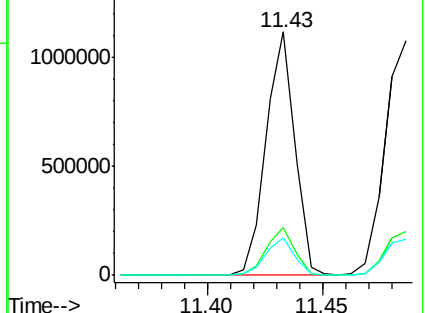
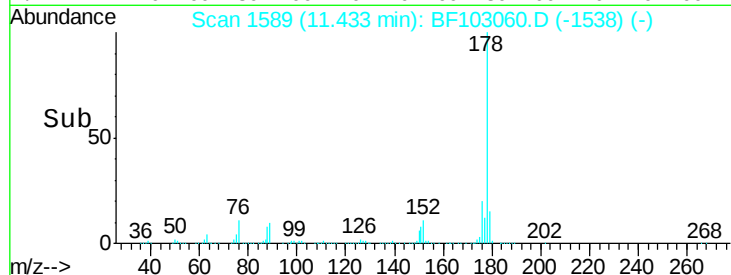
Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.8	23.8
179	15.6	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 37.58 ng

RT: 11.49 min Scan# 1598

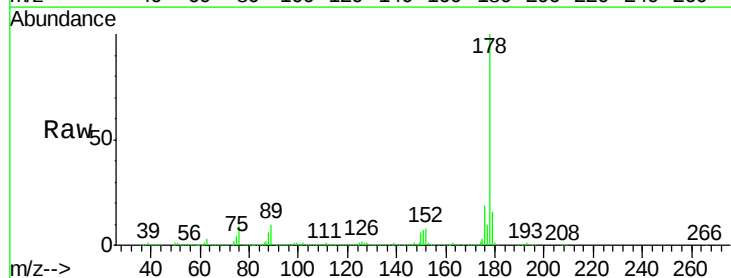
Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Tgt Ion:178 Resp: 972208

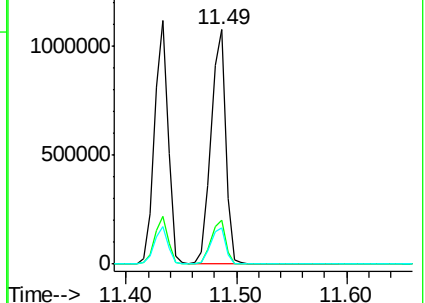
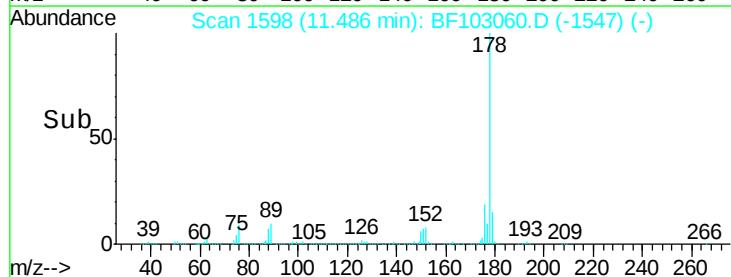
Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	15.5	12.6	19.0

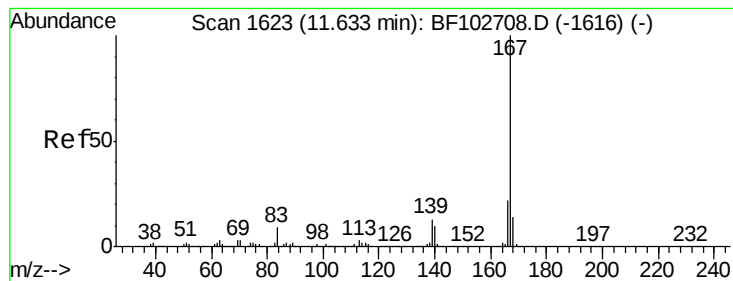


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 35.31 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

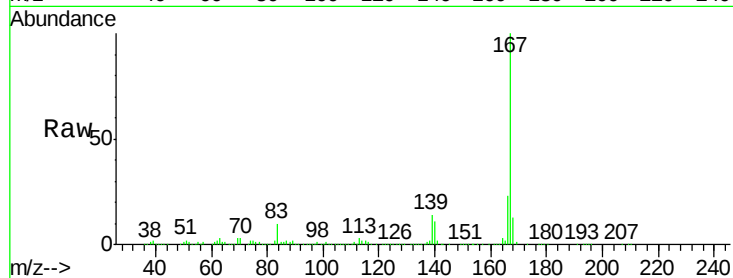
Tot Ion:167 Resp: 894882

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

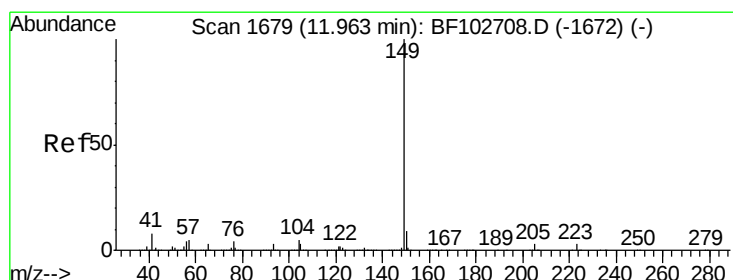
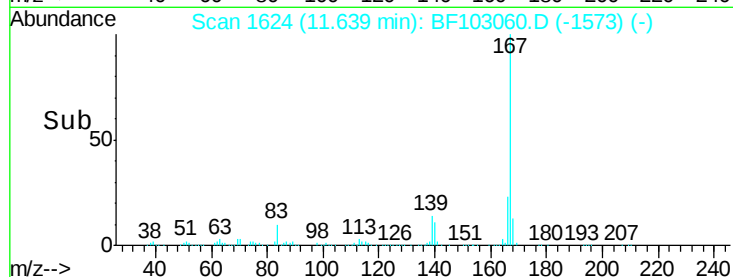
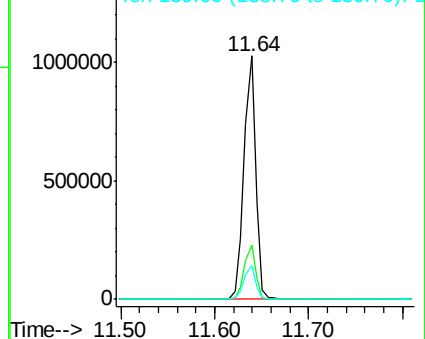
139 13.6 10.9 16.3



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



#73

Di-n-butylphthalate

Concen: 39.17 ng

RT: 11.96 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

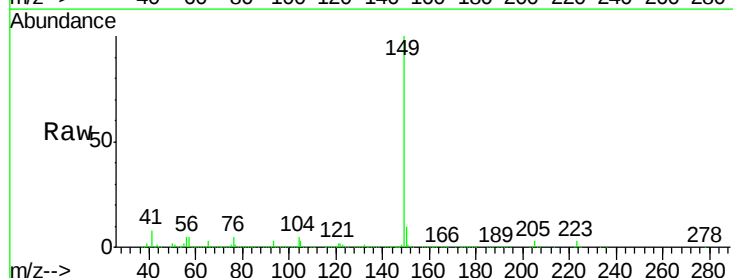
Tgt Ion:149 Resp: 1205882

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

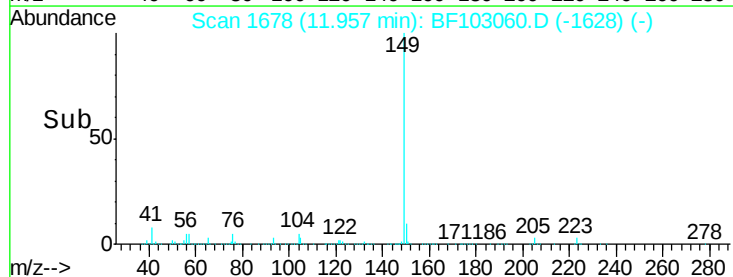
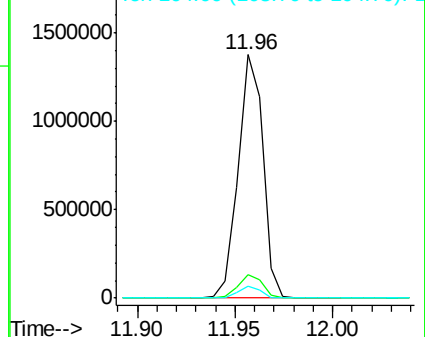
104 4.8 3.8 5.8

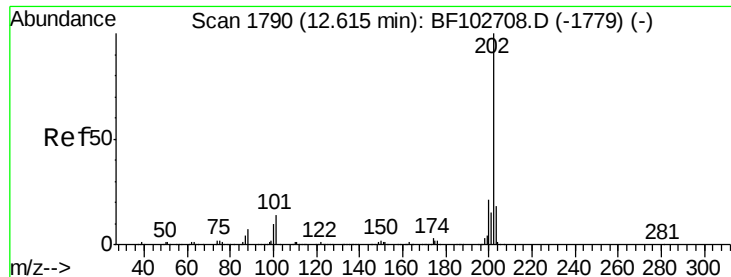


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 38.25 ng

RT: 12.62 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BF103060.D

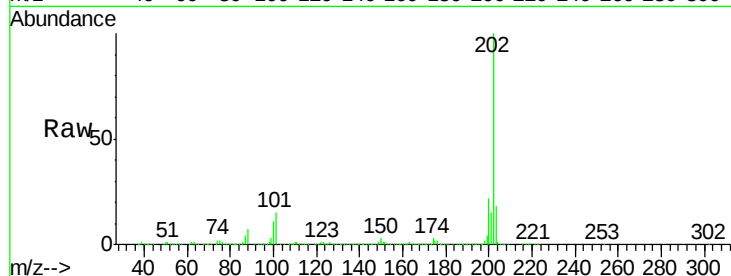
Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

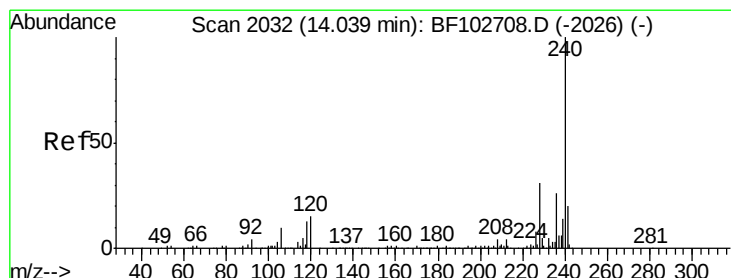
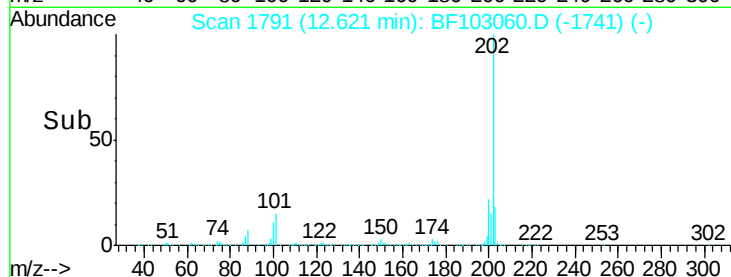
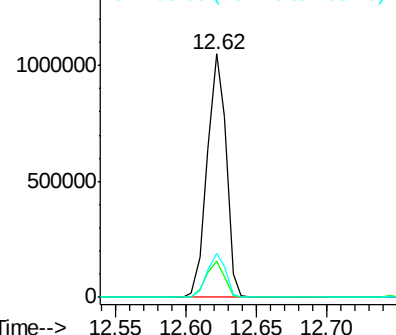
Tot Ion:	202	Resp:	979017
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	34.1
203	18.1	0.0	38.1



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



#75

Chrysene-d12

Concen: 20.00 ng

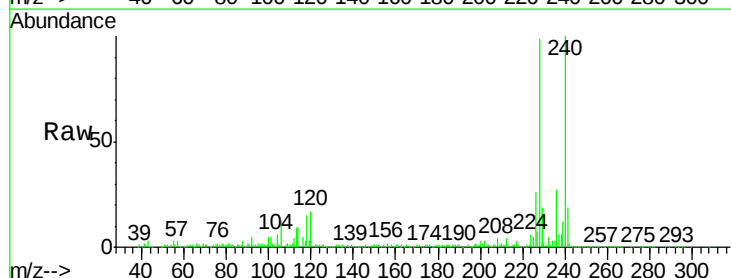
RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

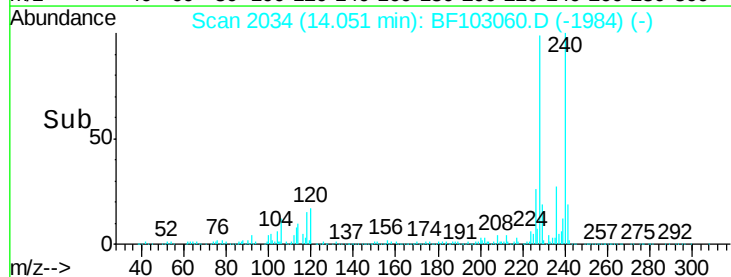
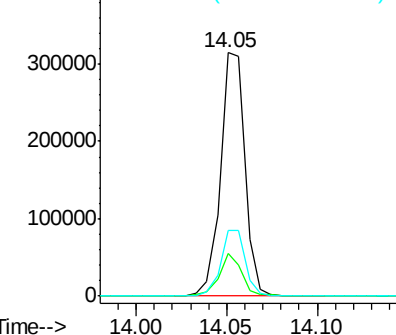
Tgt Ion:	240	Resp:	294465
Ion Ratio	Lower	Upper	
240	100		
120	17.3	9.5	14.3#
236	27.2	20.7	31.1

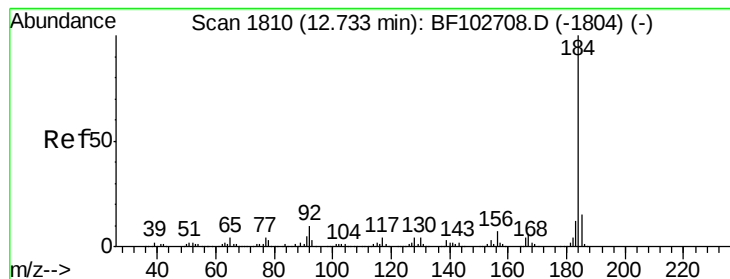


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 42.10 ng

RT: 12.74 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampleId :

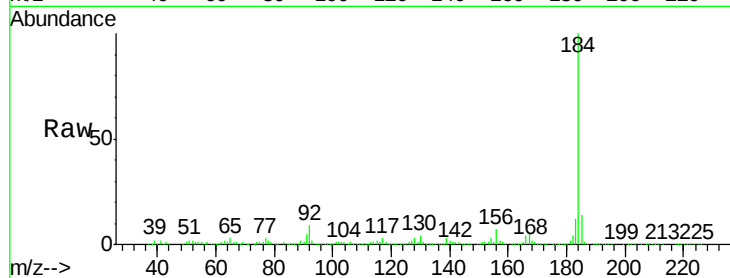
Tot Ion:184 Resp: 569732

Ion Ratio Lower Upper

184 100

185 14.1 12.6 18.8

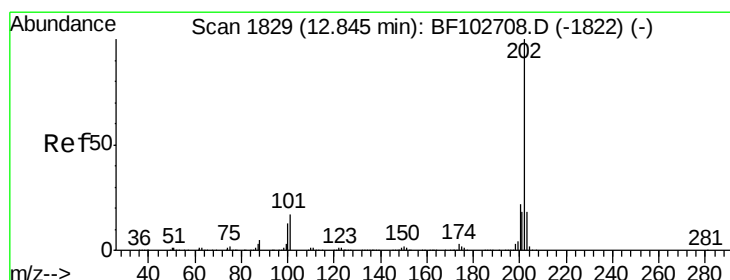
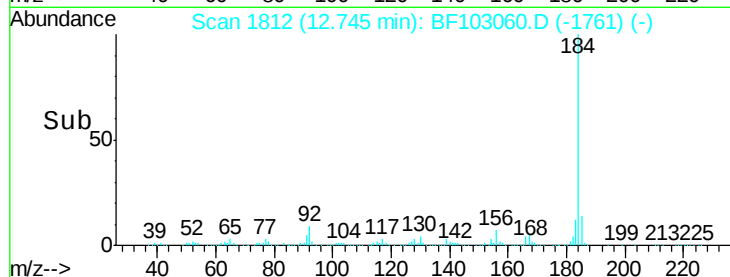
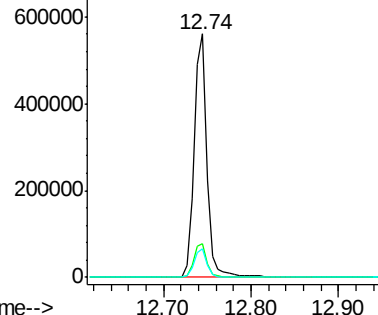
183 11.8 9.3 13.9



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



#77

Pyrene

Concen: 43.29 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

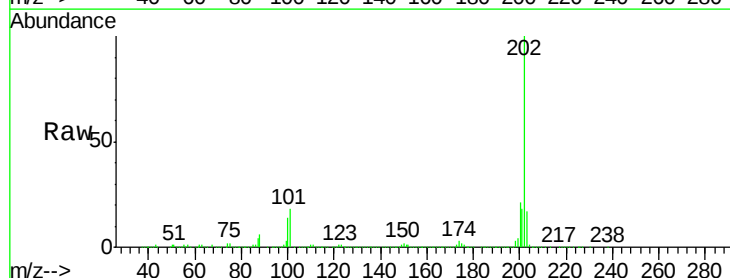
Tgt Ion:202 Resp: 999549

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

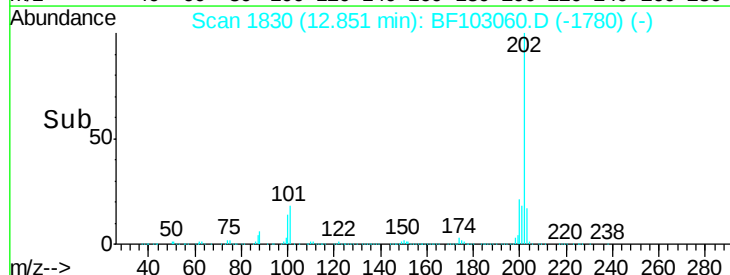
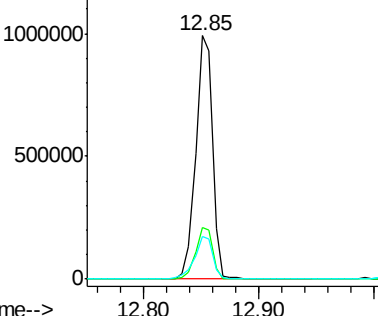
203 17.4 14.3 21.5

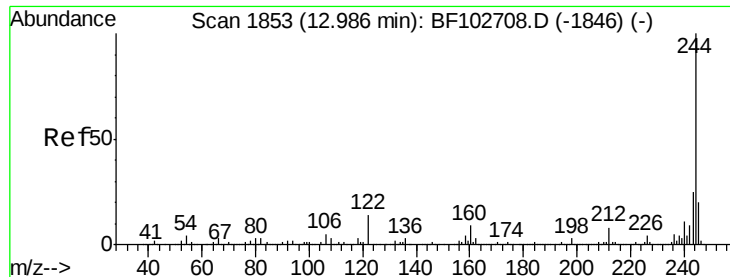


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 88.32 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

Instrument :

BNA_F

ClientSampled :

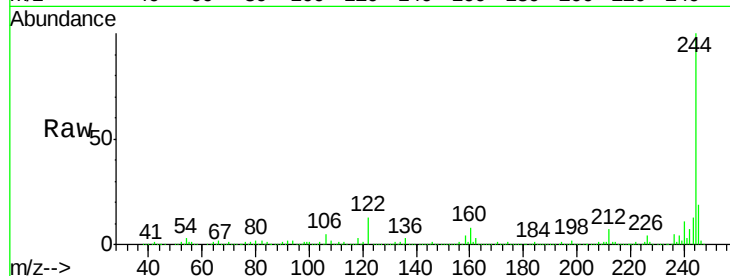
Tot Ion:244 Resp: 1098403

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

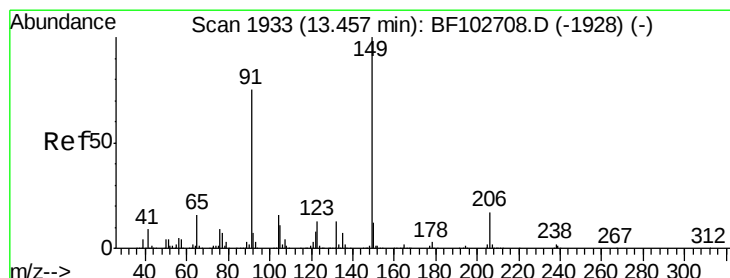
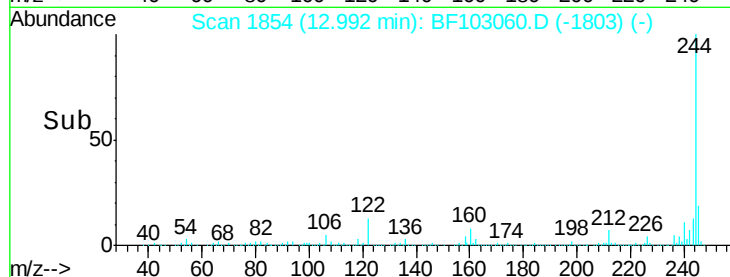
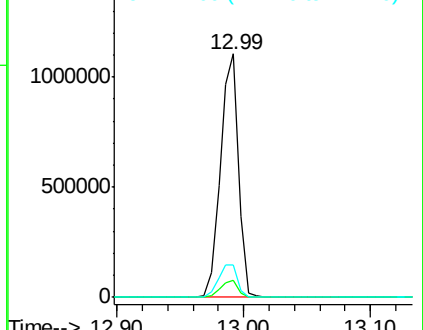
122 13.4 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 42.85 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BF103060.D

Acq: 16 Feb 2018 18:46

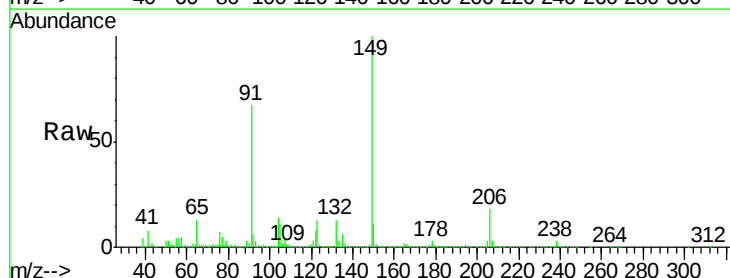
Tgt Ion:149 Resp: 472015

Ion Ratio Lower Upper

149 100

91 67.4 56.8 85.2

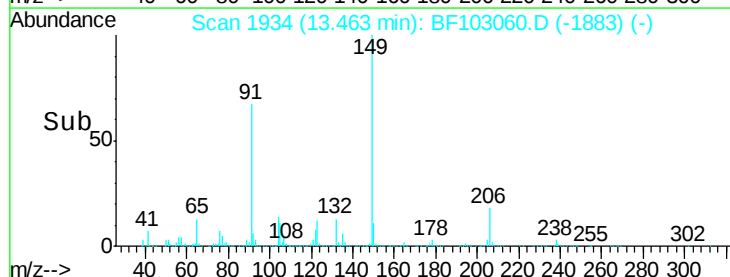
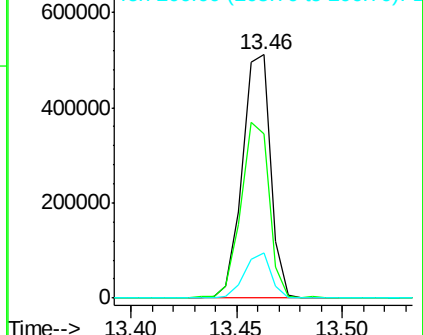
206 18.5 14.1 21.1

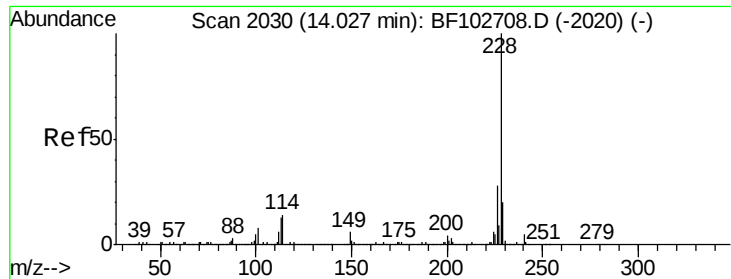


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

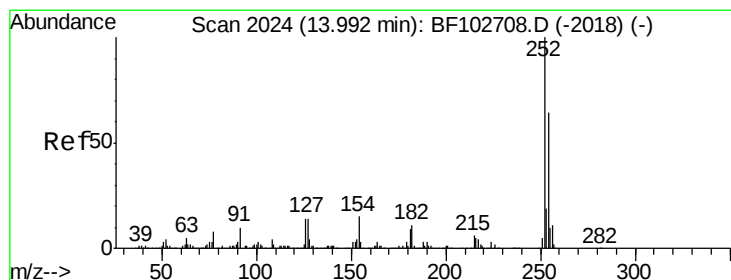
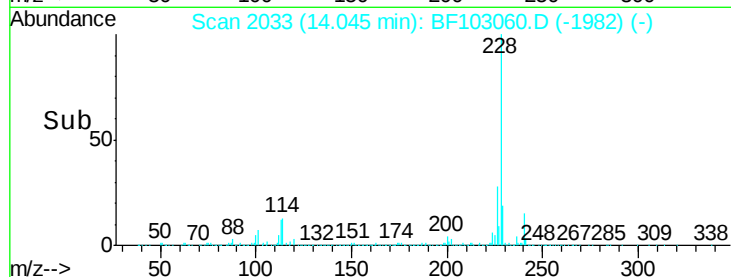
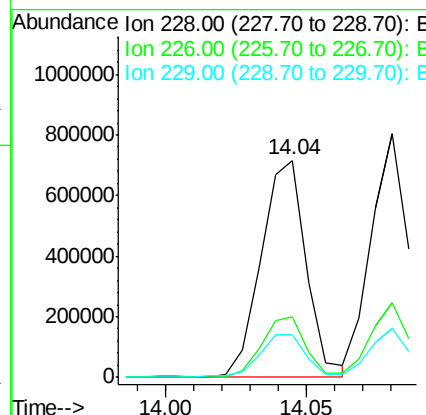
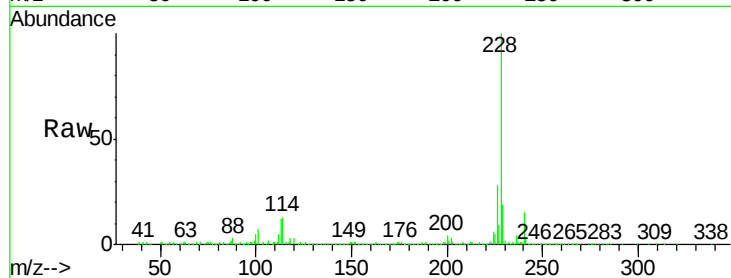




#80
Benzo(a)anthracene
Concen: 42.55 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

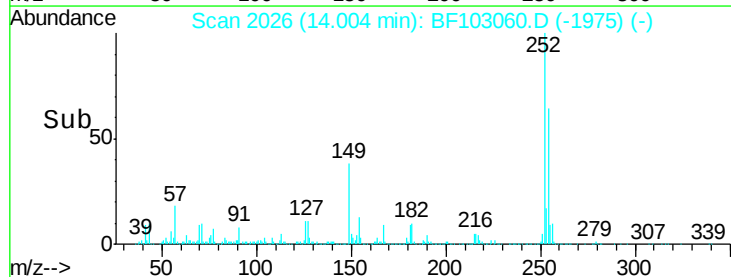
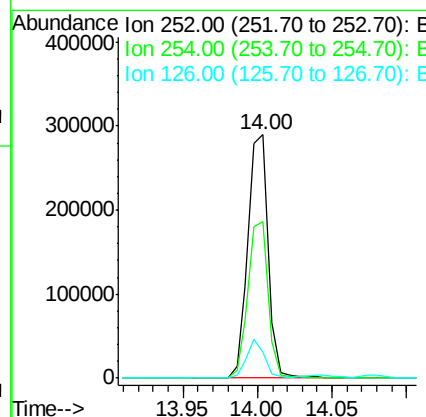
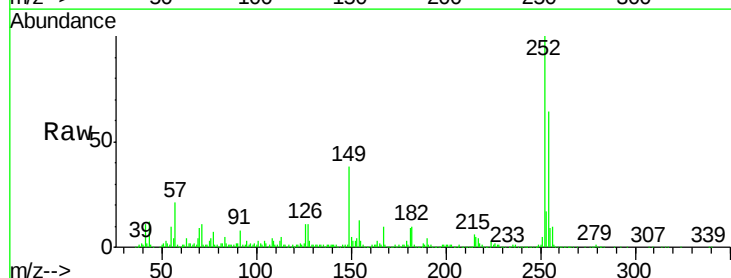
Instrument :
BNA_F
ClientSampleId :

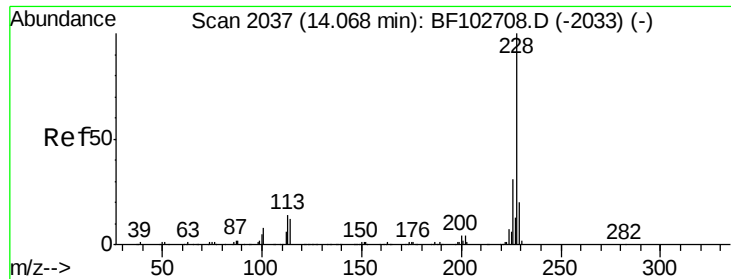
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.4	15.8	23.6



#81
3,3'-Dichlorobenzidine
Concen: 40.10 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.4	75.6
126	10.9	11.3	16.9

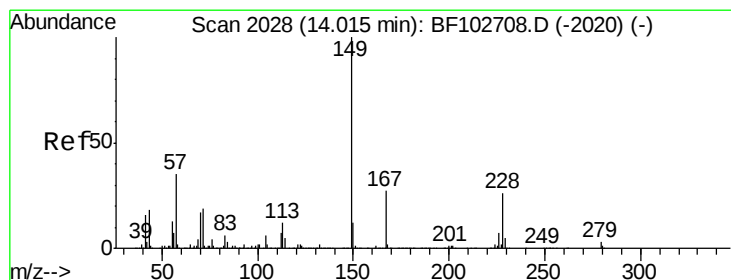
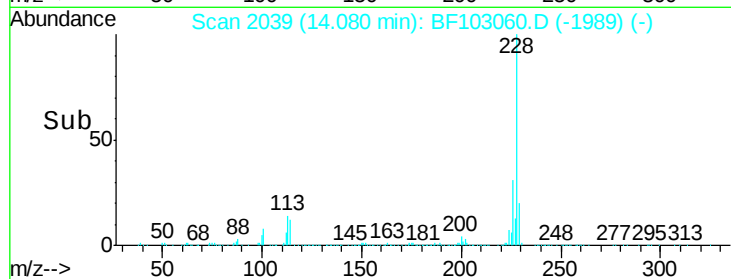
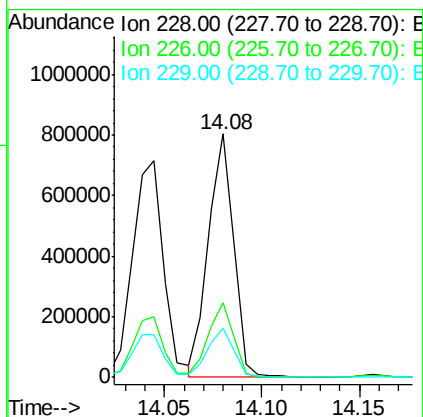
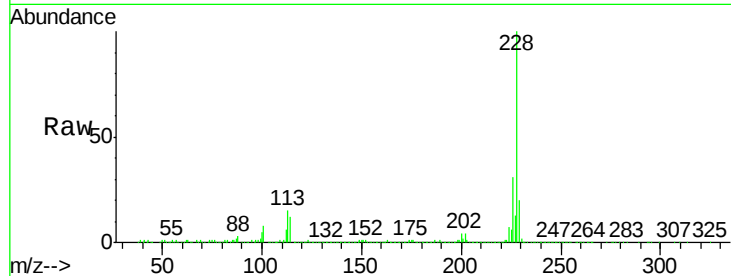




#82
 Chrysene
 Concen: 38.53 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

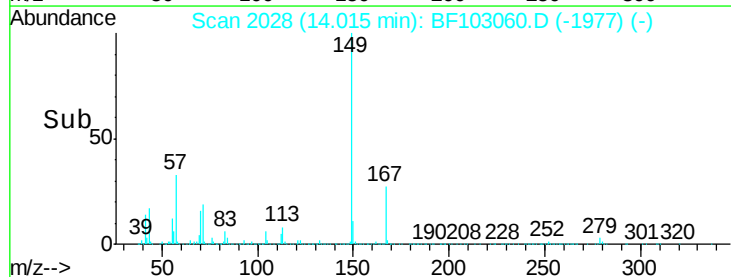
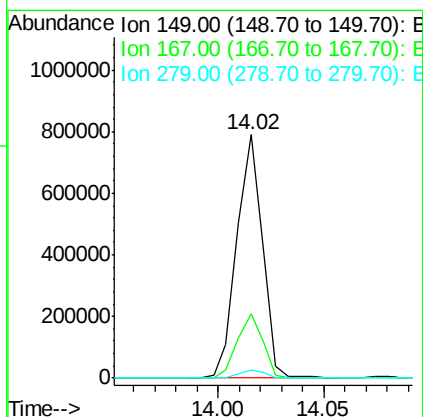
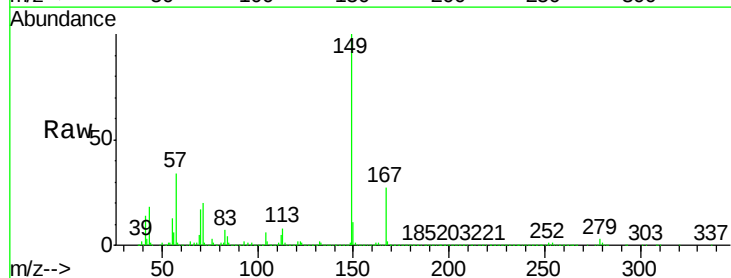
Instrument :
 BNA_F
 ClientSampled :

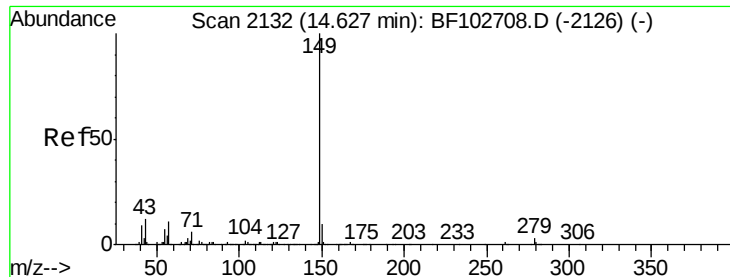
Tot Ion:228 Resp: 719349
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.0 37.6
 229 20.3 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.20 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF103060.D
 Acq: 16 Feb 2018 18:46

Tgt Ion:149 Resp: 653557
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.3 31.9
 279 3.1 3.0 4.4

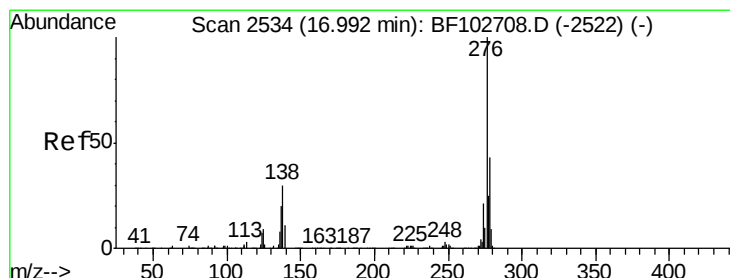
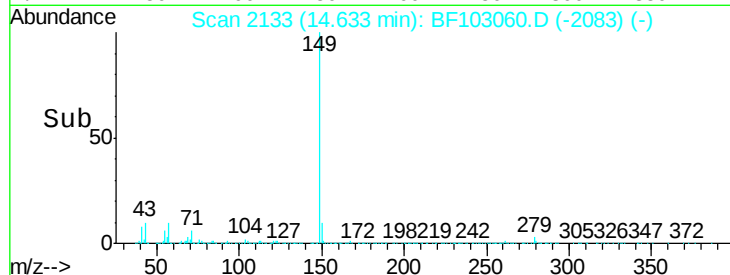
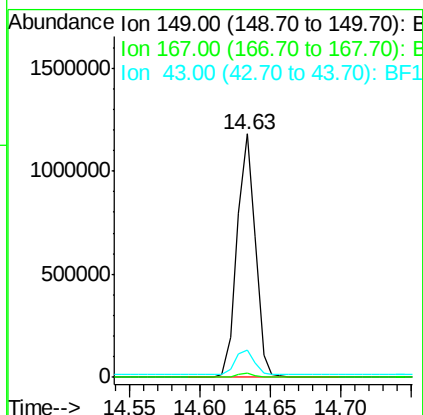
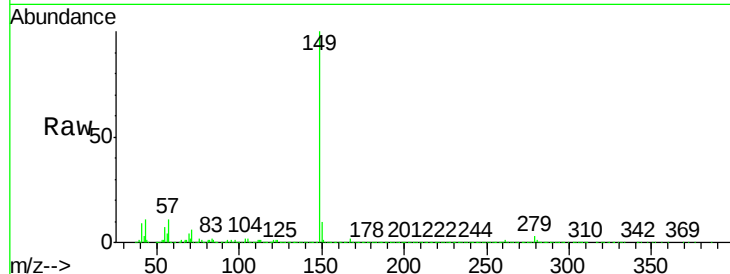




#84
Di-n-octyl phthalate
Concen: 49.64 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

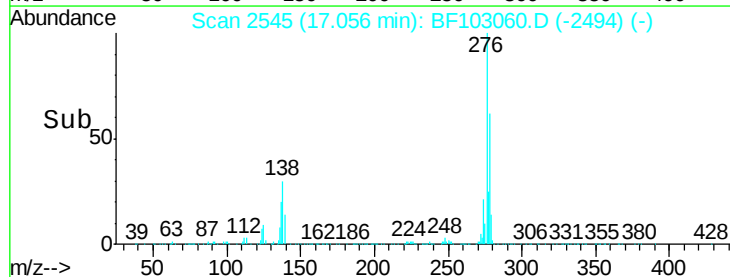
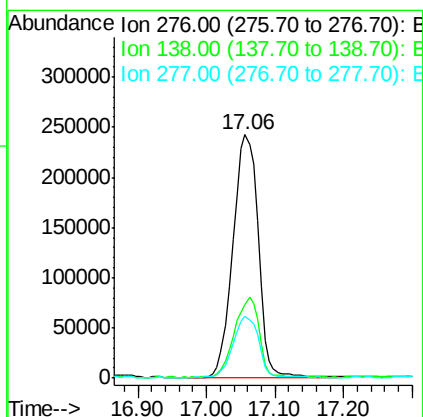
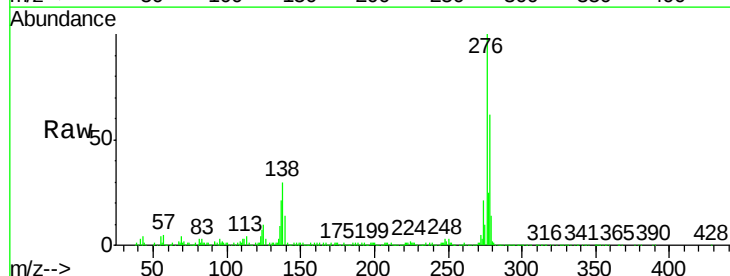
Instrument :
BNA_F
ClientSampleId :

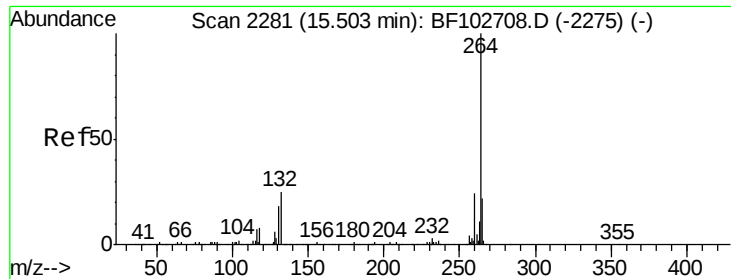
Tot Ion:149 Resp: 1054401
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 8.4 12.6



#85
Indeno(1,2,3-cd)pyrene
Concen: 40.06 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion:276 Resp: 620239
Ion Ratio Lower Upper
276 100
138 31.9 25.0 37.6
277 25.0 20.1 30.1

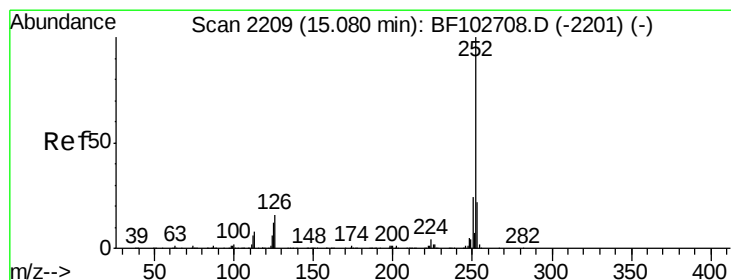
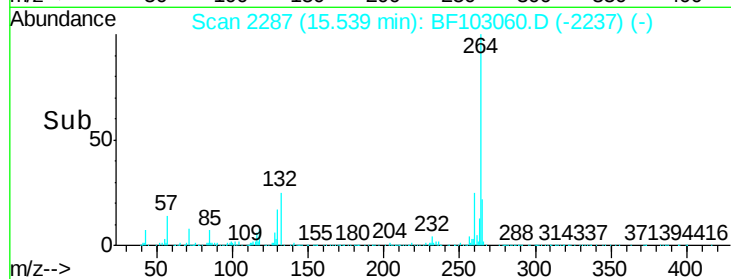
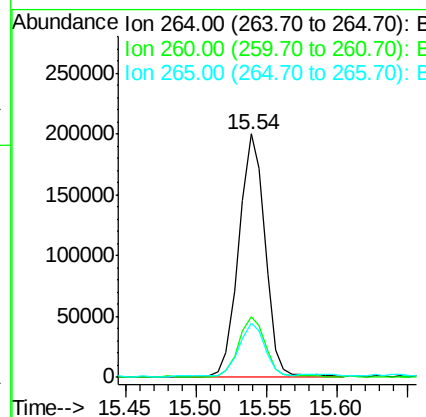
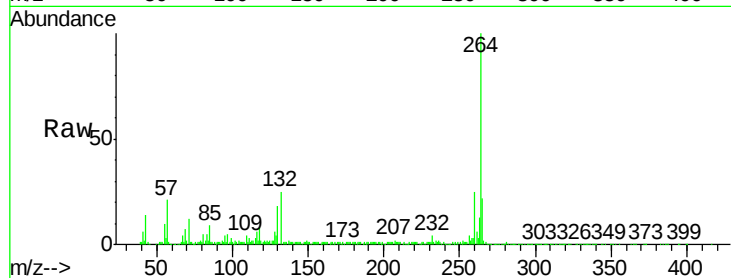




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

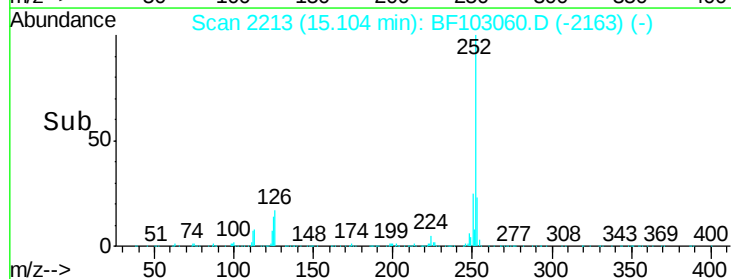
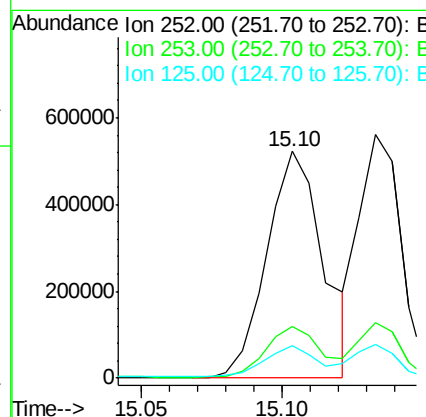
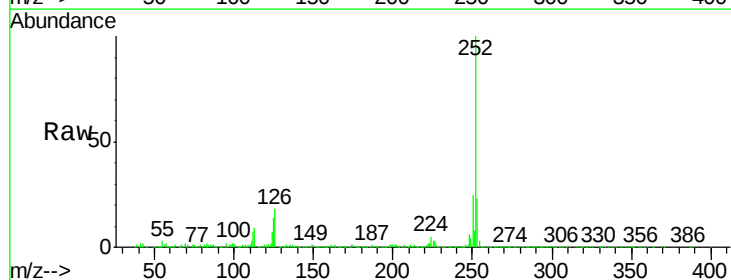
Instrument :
BNA_F
ClientSampleId :

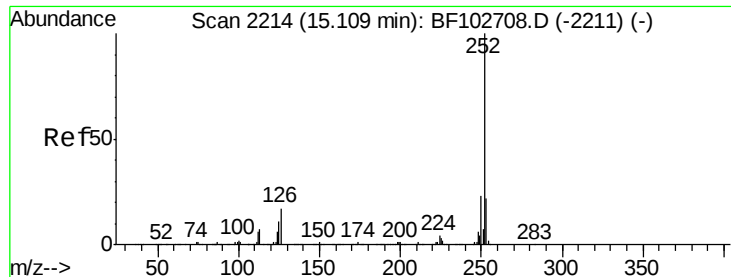
Tot Ion:264 Resp: 258893
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 22.3 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 43.22 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion:252 Resp: 725406
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 14.4 9.0 13.6#

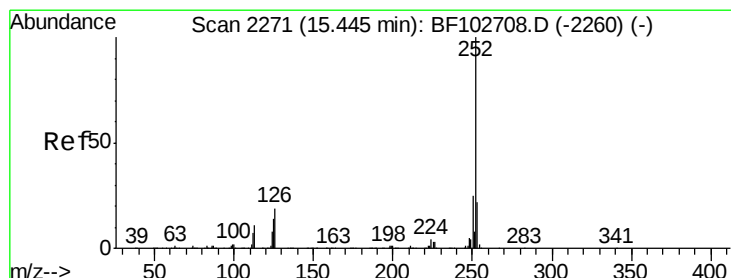
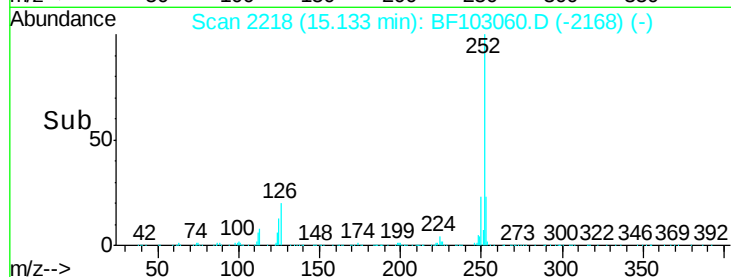
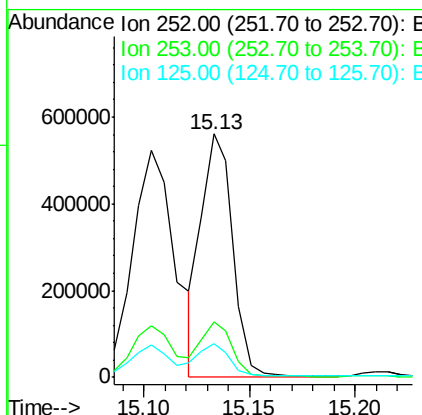
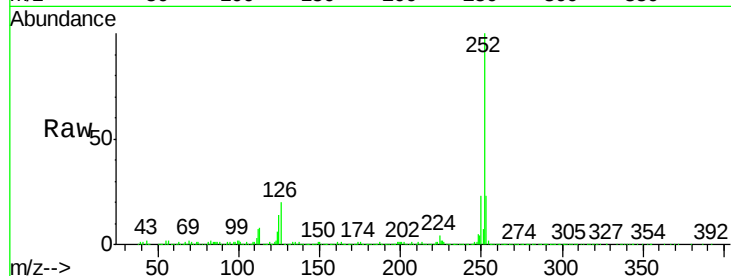




#88
Benzo(k)fluoranthene
Concen: 36.28 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

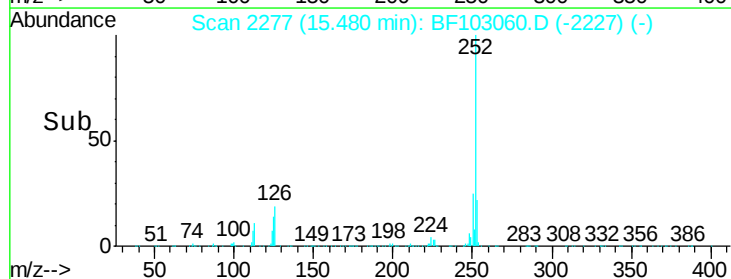
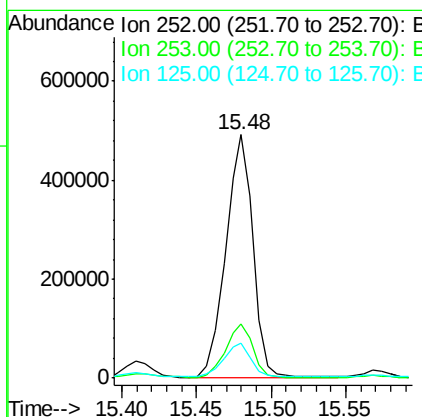
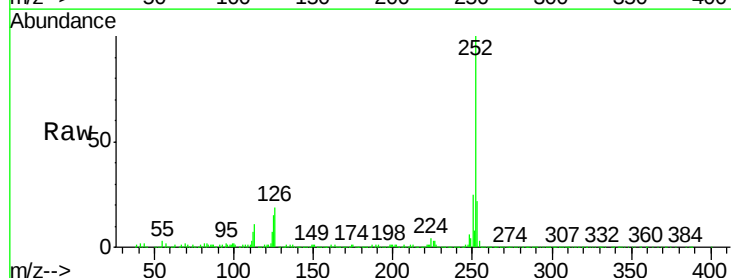
Instrument :
BNA_F
ClientSampleId :

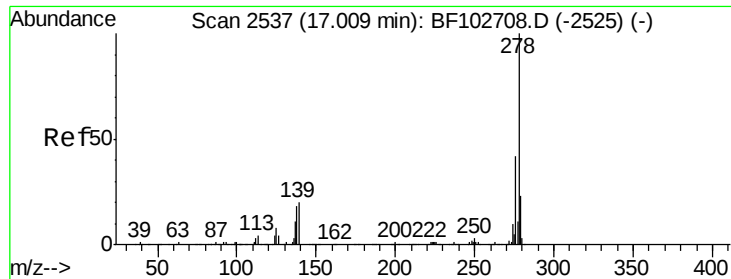
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	14.0	10.2	15.2



#89
Benzo(a)pyrene
Concen: 41.51 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.6	9.8	14.6

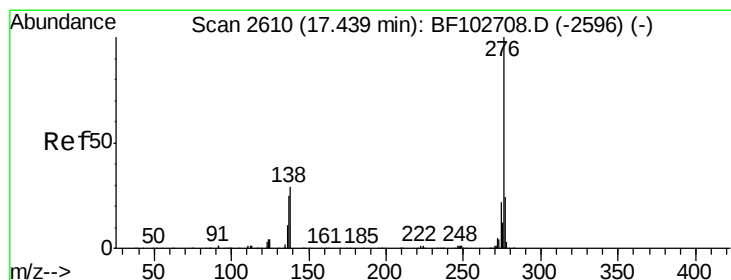
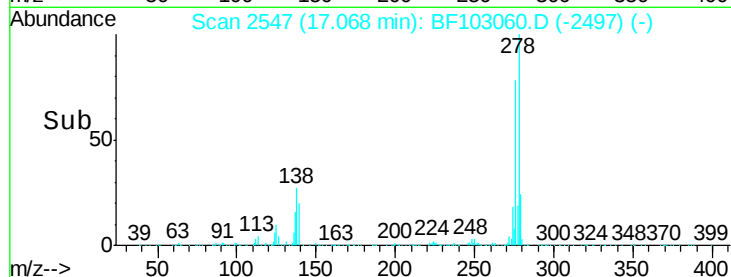
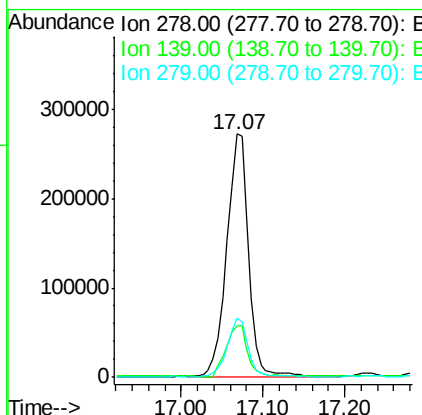
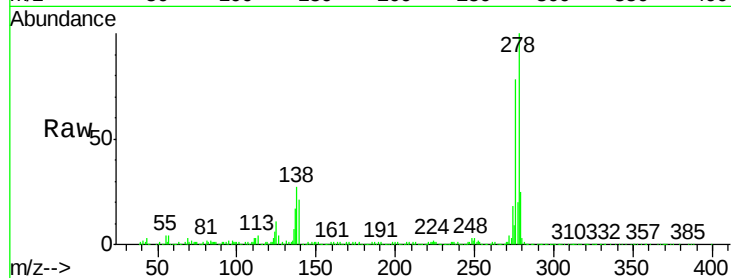




#90
Dibenzo(a,h)anthracene
Concen: 40.95 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.9	23.9
279	24.6	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 42.91 ng
RT: 17.52 min Scan# 2624
Delta R.T. -0.00 min
Lab File: BF103060.D
Acq: 16 Feb 2018 18:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	17.9	26.9
138	27.6	21.8	32.8

