

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102769.D
 Acq On : 6 Feb 2018 6:11
 Operator : SJ/JU
 Sample : J1454-03
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 07:25:49 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	240082	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	997220	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	430961	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	631157	20.00	ng	0.00
75) Chrysene-d12	14.05	240	365710	20.00	ng	0.00
86) Perylene-d12	15.53	264	363023	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	1346128	85.15	ng	0.01
7) Phenol-d6	6.51	99	1639043	86.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	1037463	72.17	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	300747	86.70	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1608372	61.93	ng	0.00
78) Terphenyl-d14	12.99	244	1076625	69.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.72	88	220560	28.247	ng	87
3) Pyridine	3.49	79	599026	27.767	ng	89
4) n-Nitrosodimethylamine	3.44	42	322028	34.889	ng	94
6) Aniline	6.55	93	475510	16.916	ng	97
8) 2-Chlorophenol	6.67	128	539615	33.156	ng	96
9) Benzaldehyde	6.43	77	191063	13.516	ng	92
10) Phenol	6.53	94	744765	36.509	ng	99
11) bis(2-Chloroethyl)ether	6.62	93	542580	31.964	ng	90
12) 1,3-Dichlorobenzene	6.82	146	572675	30.385	ng	99
13) 1,4-Dichlorobenzene	6.90	146	574099	30.579	ng	99
14) 1,2-Dichlorobenzene	7.06	146	531143	30.374	ng	98
15) Benzyl Alcohol	7.02	79	487788	33.331	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1001850	31.070	ng	98
17) 2-Methylphenol	7.13	107	466480	31.073	ng	99
18) Hexachloroethane	7.39	117	193520	30.059	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	385657	30.729	ng	96
20) 3+4-Methylphenols	7.29	107	549882	29.702	ng	# 73
22) Acetophenone	7.29	105	750130	30.739	ng	# 94
24) Nitrobenzene	7.47	77	578995	34.224	ng	97
25) Isophorone	7.70	82	1090289	32.938	ng	100
26) 2-Nitrophenol	7.78	139	264936	39.918	ng	98
27) 2,4-Dimethylphenol	7.82	122	498180	35.623	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	695069	35.447	ng	99
29) 2,4-Dichlorophenol	8.02	162	442650	34.819	ng	96
30) 1,2,4-Trichlorobenzene	8.10	180	447198	31.095	ng	99
31) Naphthalene	8.19	128	1564611	32.113	ng	99
32) Benzoic acid	7.87	122	37225	12.138	ng	90
33) 4-Chloroaniline	8.23	127	237704	11.325	ng	99
34) Hexachlorobutadiene	8.30	225	226831	30.779	ng	100
35) Caprolactam	8.60	113	147135	33.326	ng	# 76
36) 4-Chloro-3-methylphenol	8.72	107	485005	33.955	ng	96
37) 2-Methylnaphthalene	8.88	142	1046296	32.800	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	385443	32.847	ng	99
40) Hexachlorocyclopentadiene	9.03	237	112079	20.092	ng	97

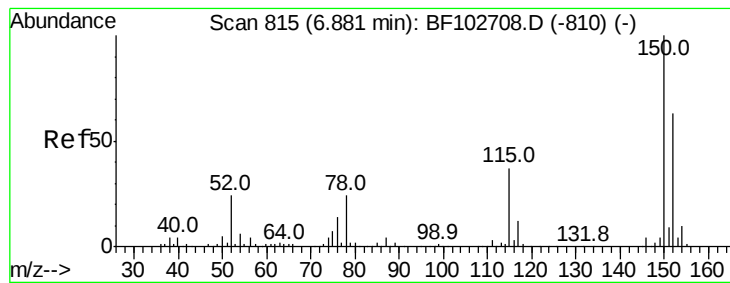
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	279052	36.206	ng	95
43) 2,4,5-Trichlorophenol	9.20	196	297223	34.215	ng	95
45) 1,1'-Biphenyl	9.35	154	1139735	31.399	ng	99
46) 2-Chloronaphthalene	9.37	162	907611	31.760	ng	98
47) 2-Nitroaniline	9.46	65	332518	38.453	ng	89
48) Acenaphthylene	9.79	152	1330685	29.981	ng	99
49) Dimethylphthalate	9.65	163	1304704	38.827	ng	99
50) 2,6-Dinitrotoluene	9.70	165	231393	36.195	ng	96
51) Acenaphthene	9.96	154	808143	30.446	ng	99
52) 3-Nitroaniline	9.87	138	222596	28.298	ng	94
53) 2,4-Dinitrophenol	9.97	184	5979	12.976	ng	# 1
54) Dibenzofuran	10.13	168	1206326	32.249	ng	97
55) 4-Nitrophenol	10.03	139	352613	55.827	ng	93
56) 2,4-Dinitrotoluene	10.10	165	285092	34.196	ng	# 95
57) Fluorene	10.47	166	863416	31.724	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	203636	33.822	ng	# 98
59) Diethylphthalate	10.34	149	1044933	31.493	ng	99
60) 4-Chlorophenyl-phenylether	10.46	204	389042	32.313	ng	98
61) 4-Nitroaniline	10.49	138	226040	30.189	ng	93
62) Azobenzene	10.62	77	977524	29.491	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	15038	14.007	ng	# 82
65) n-Nitrosodiphenylamine	10.58	169	810762	36.418	ng	98
66) 4-Bromophenyl-phenylether	10.95	248	241731	36.206	ng	96
67) Hexachlorobenzene	11.02	284	232263	31.534	ng	99
68) Atrazine	11.11	200	237094	36.100	ng	98
69) Pentachlorophenol	11.21	266	203416	47.048	ng	99
70) Phenanthrene	11.44	178	1657231	47.146	ng	99
71) Anthracene	11.49	178	1223169	34.212	ng	99
72) Carbazole	11.64	167	1045370	29.846	ng	100
73) Di-n-butylphthalate	11.97	149	1477901	34.735	ng	99
74) Fluoranthene	12.63	202	1670536	47.235	ng	100
76) Benzidine	12.74	184	241531	14.370	ng	97
77) Pyrene	12.86	202	1577644	55.014	ng	99
79) Butylbenzylphthalate	13.46	149	498231	36.570	ng	97
80) Benzo(a)anthracene	14.04	228	1083690	47.118	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	225551	26.449	ng	98
82) Chrysene	14.08	228	1032794	44.546	ng	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	686438	39.074	ng	99
84) Di-n-octyl phthalate	14.63	149	1141860	43.288	ng	98
85) Indeno(1,2,3-cd)pyrene	17.02	276	726241	37.768	ng	100
87) Benzo(b)fluoranthene	15.10	252	1090056	46.314	ng	98
88) Benzo(k)fluoranthene	15.13	252	840495	37.374	ng	99
89) Benzo(a)pyrene	15.47	252	893952	42.197	ng	97
90) Dibenzo(a,h)anthracene	17.04	278	523369	30.436	ng	99
91) Benzo(g,h,i)perylene	17.47	276	597109	35.477	ng	99

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

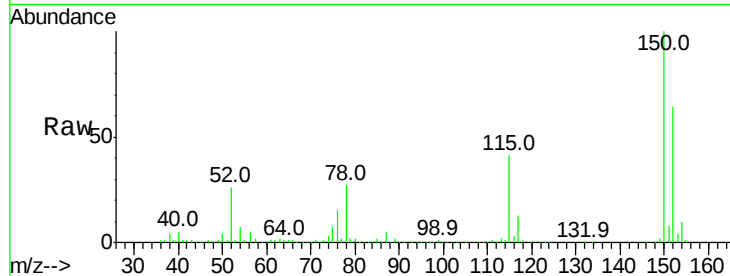


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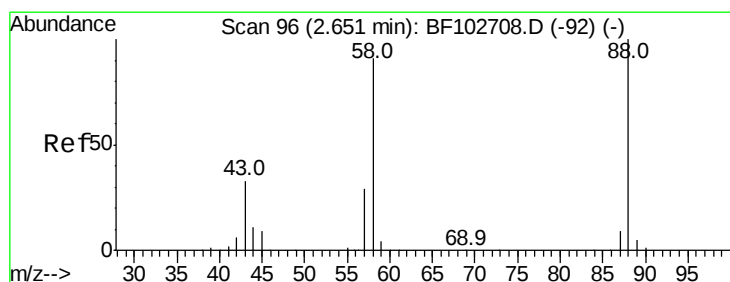
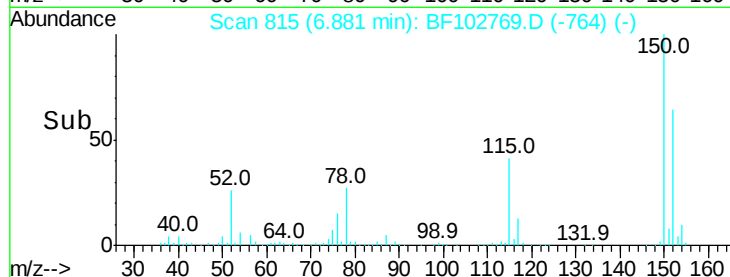
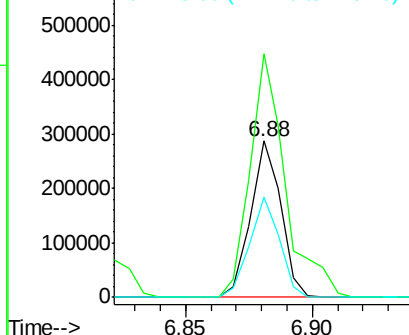
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 240082
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 63.8 50.1 75.1



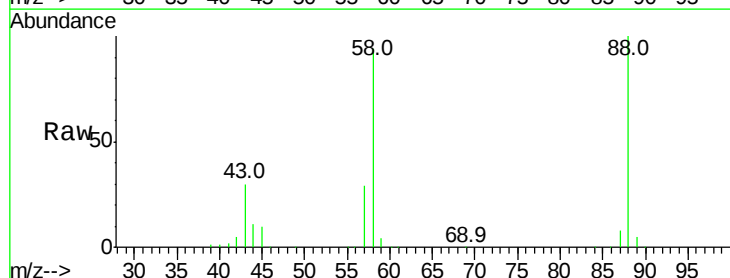
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



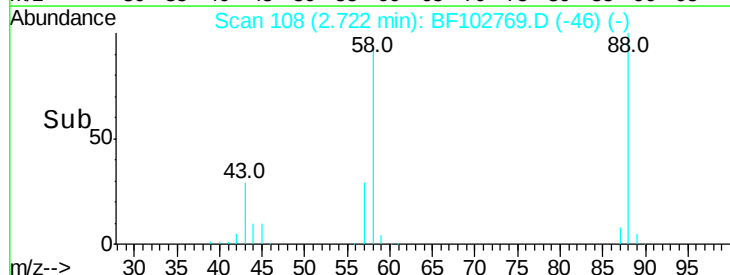
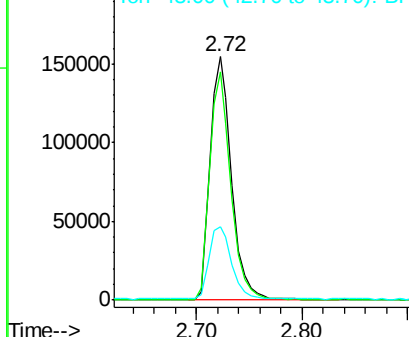
#2

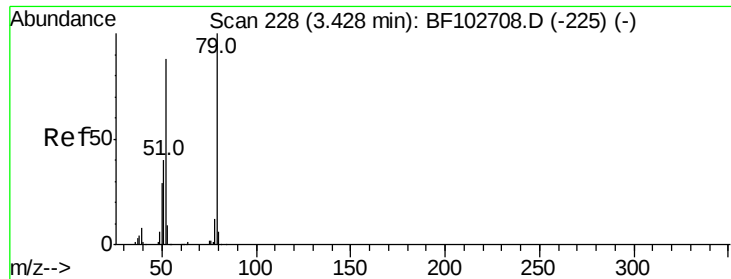
1,4-Dioxane
Concen: 28.247 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.06 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion: 88 Resp: 220560
Ion Ratio Lower Upper
88 100
58 93.1 62.6 93.8
43 31.4 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: 27.767 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.06 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

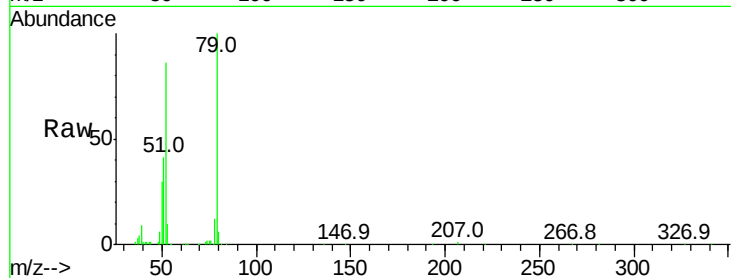
Tot Ion: 79 Resp: 599026

Ion Ratio Lower Upper

79 100

52 85.7 59.8 89.6

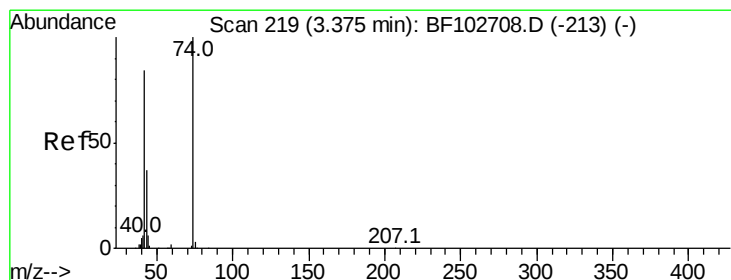
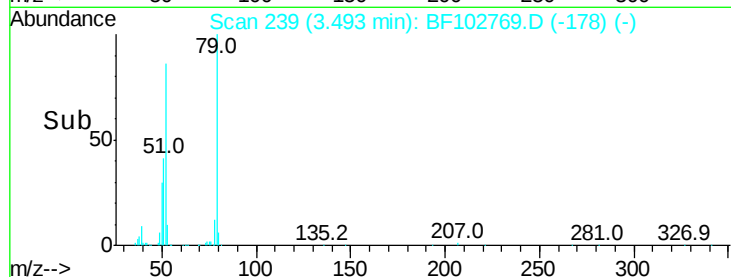
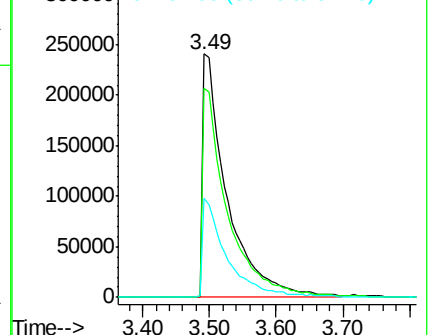
51 40.7 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.889 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.05 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

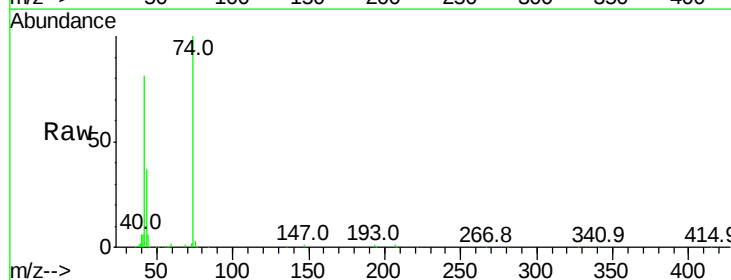
Tgt Ion: 42 Resp: 322028

Ion Ratio Lower Upper

42 100

74 124.0 104.9 157.3

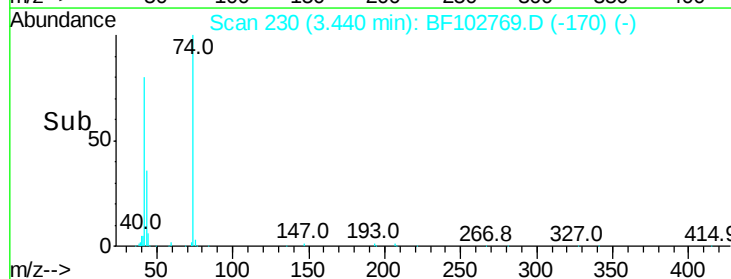
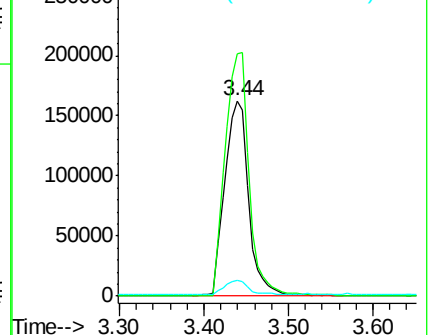
44 7.9 6.9 10.3

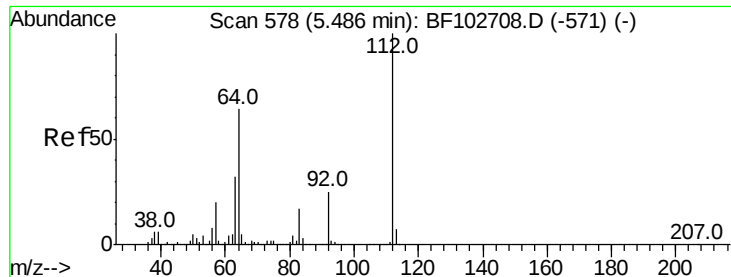


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 85.151 ng

RT: 5.50 min Scan# 581

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :

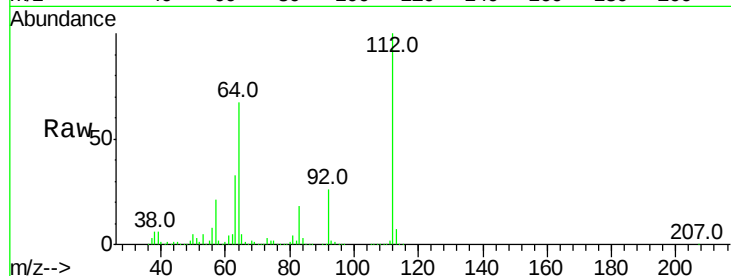
Tot Ion:112 Resp: 1346128

Ion Ratio Lower Upper

112 100

64 66.6 47.9 71.9

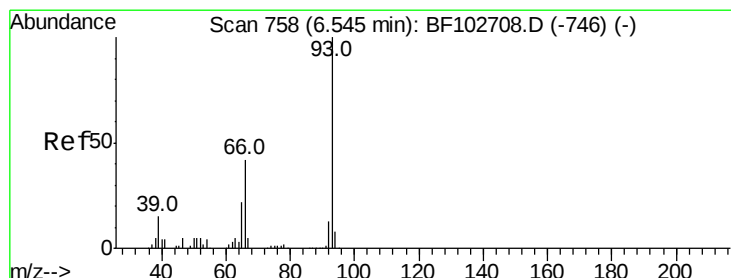
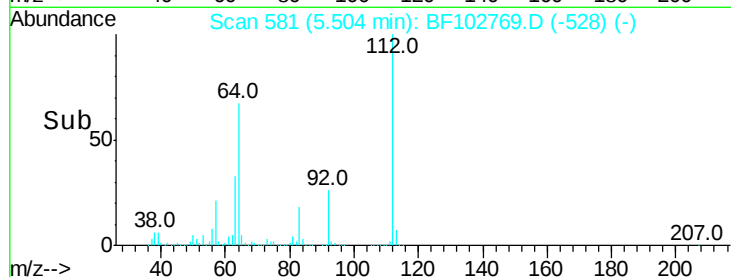
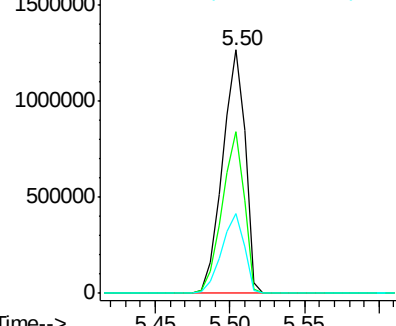
63 32.8 23.7 35.5



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: 16.916 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

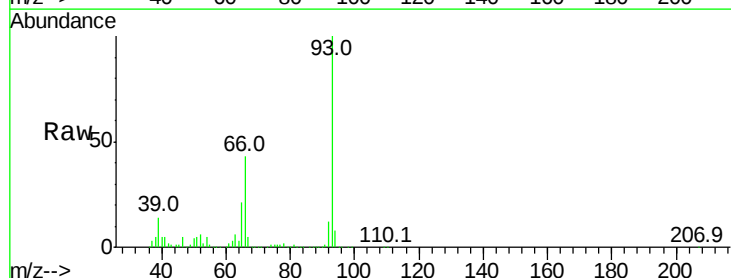
Tgt Ion: 93 Resp: 475510

Ion Ratio Lower Upper

93 100

66 42.8 32.2 48.2

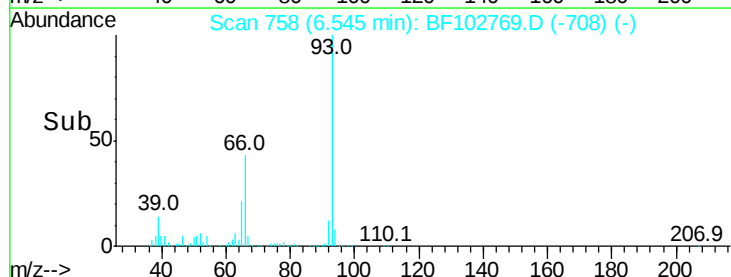
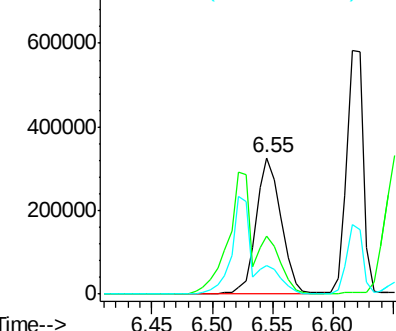
65 21.4 16.4 24.6

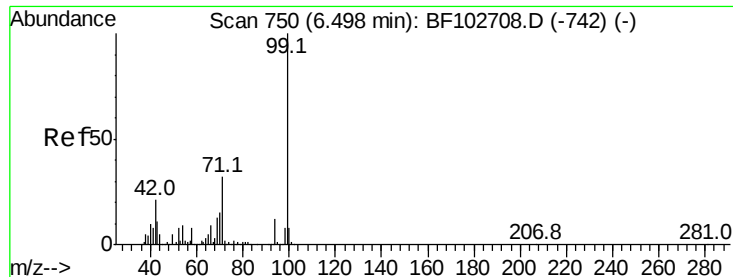


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 86.108 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

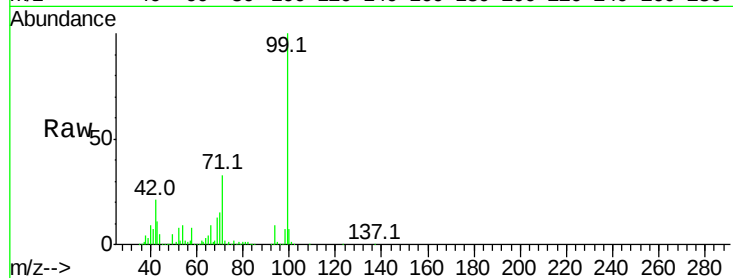
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1639043

Ion	Ratio	Lower	Upper
99	100		
42	20.8	14.5	21.7
71	33.4	25.4	38.0

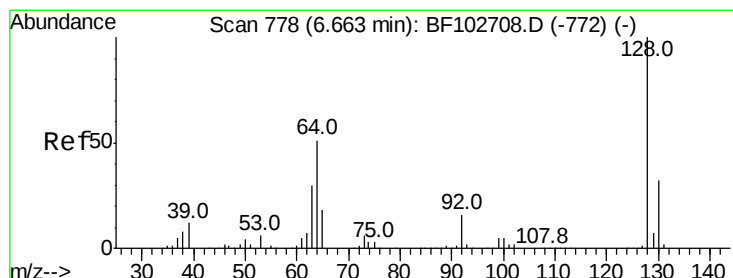
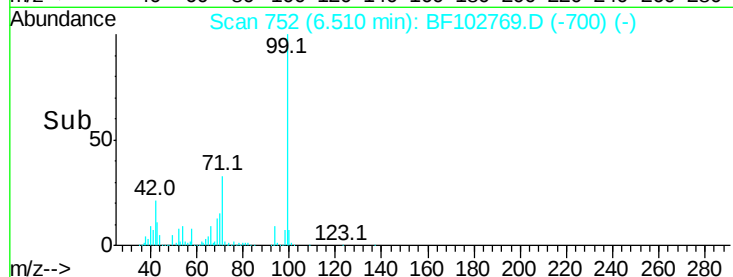
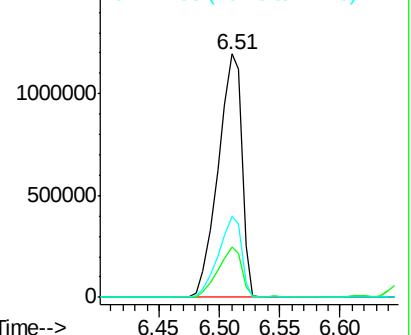


Abundance

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: 33.156 ng

RT: 6.67 min Scan# 779

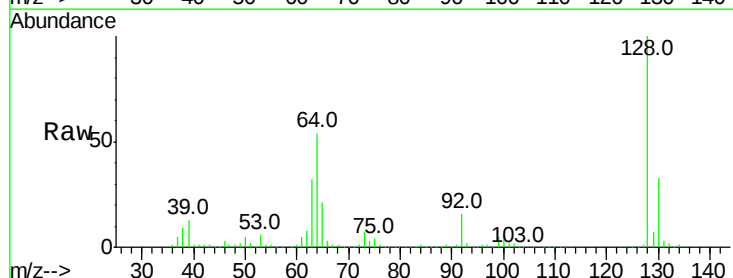
Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion: 128 Resp: 539615

Ion	Ratio	Lower	Upper
128	100		
130	32.8	13.0	53.0
64	54.1	29.4	69.4

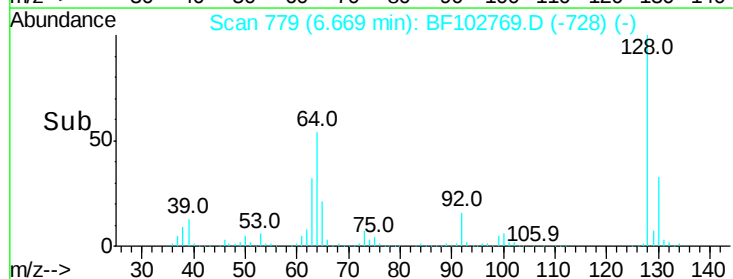
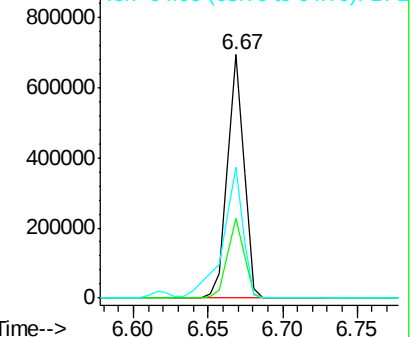


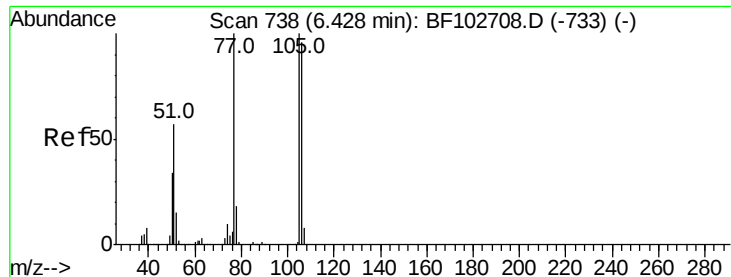
Abundance

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

Benzaldehyde

Concen: 13.516 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

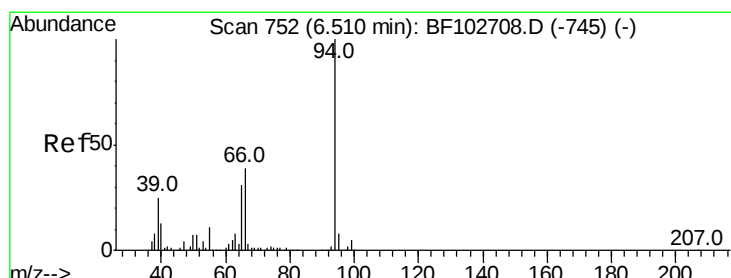
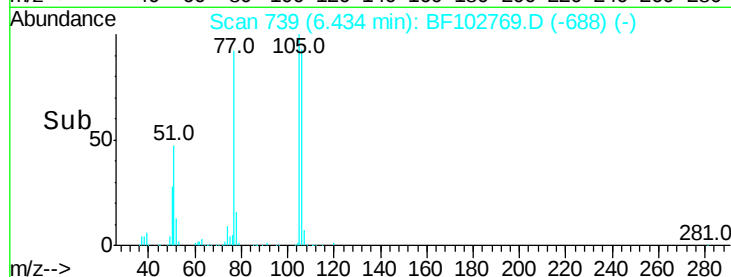
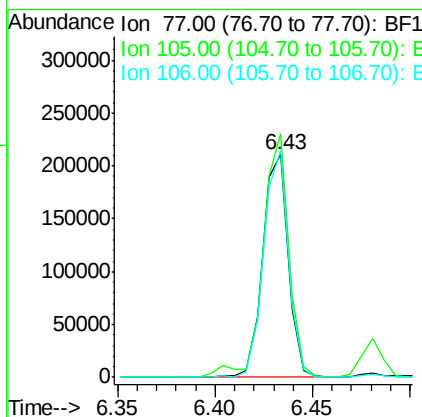
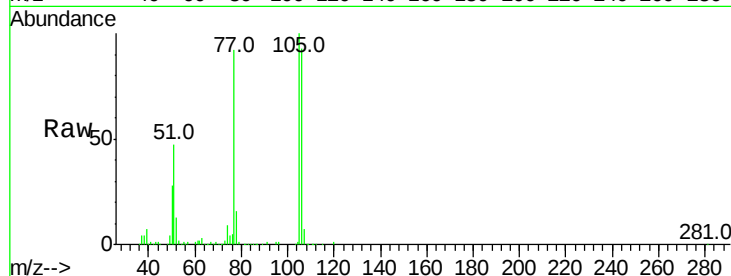
Tot Ion: 77 Resp: 191063

Ion Ratio Lower Upper

77 100

105 109.3 81.1 121.1

106 101.8 74.5 114.5



#10

Phenol

Concen: 36.509 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

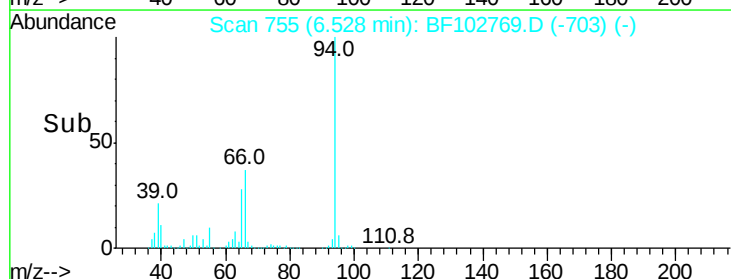
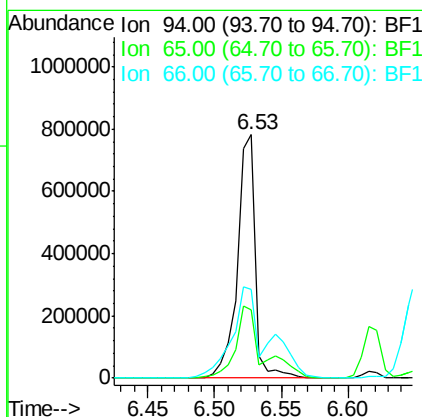
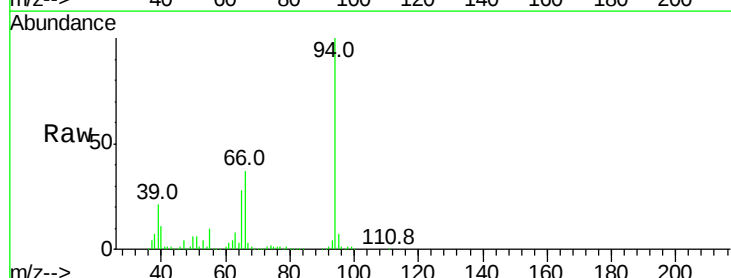
Tgt Ion: 94 Resp: 744765

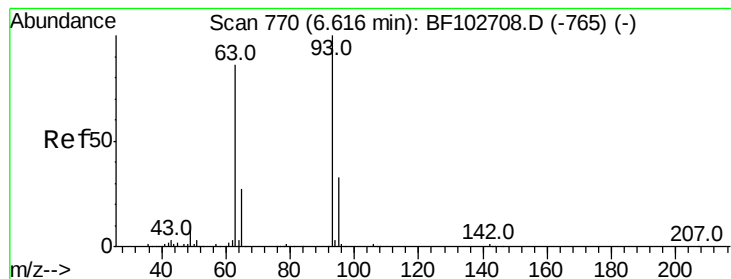
Ion Ratio Lower Upper

94 100

65 28.2 7.9 47.9

66 36.5 16.2 56.2

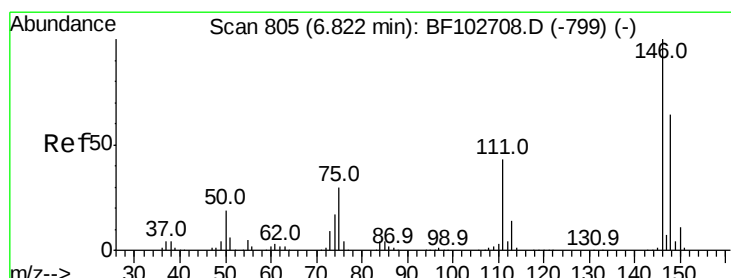
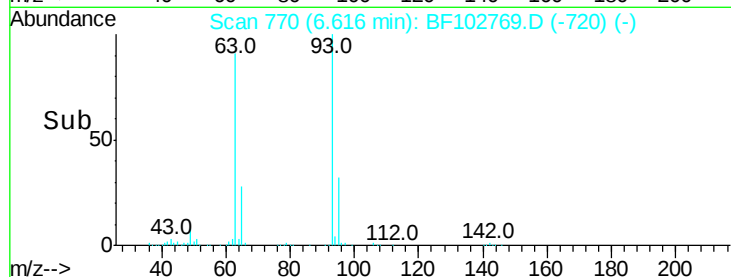
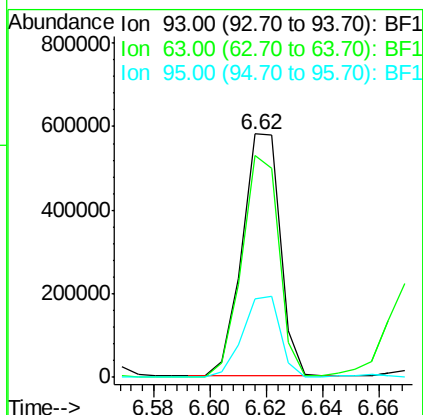
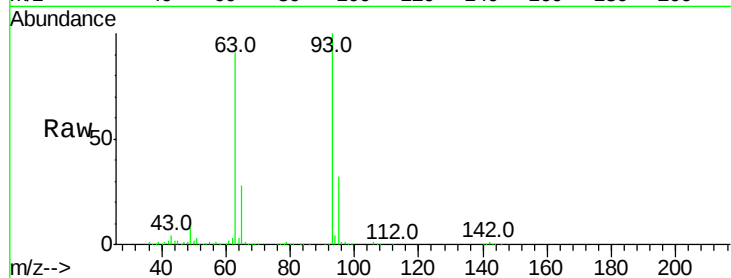




#11
bis(2-Chloroethyl)ether
Concen: 31.964 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

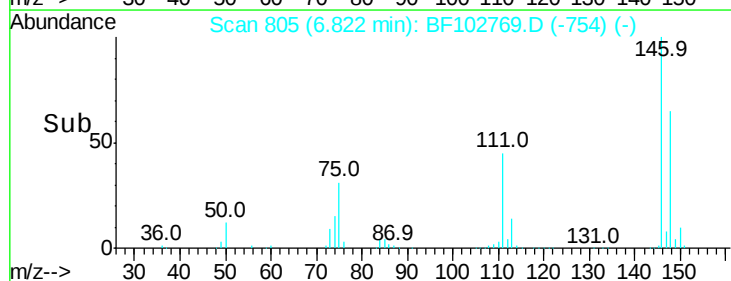
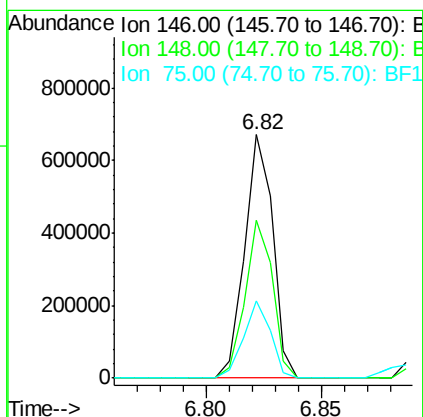
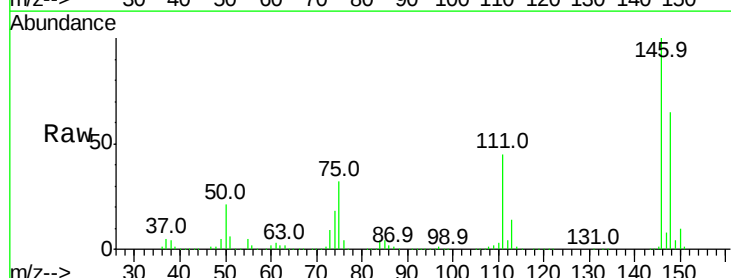
Instrument :
BNA_F
ClientSampleId :

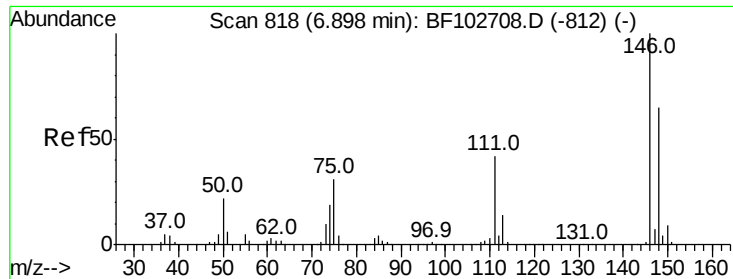
Tot Ion	Ratio	Lower	Upper
93	100		
63	90.9	58.6	98.6
95	32.3	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 30.385 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.8	77.8
75	31.7	24.2	36.4

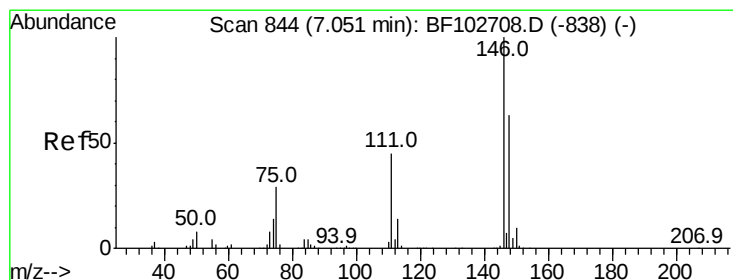
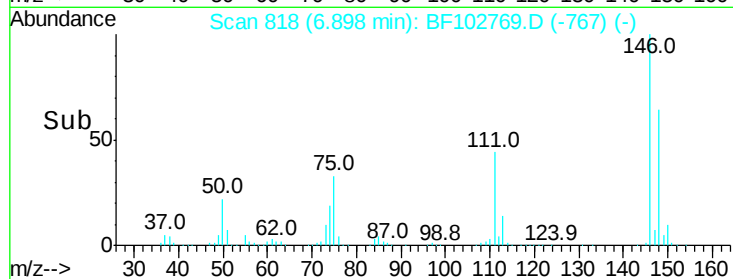
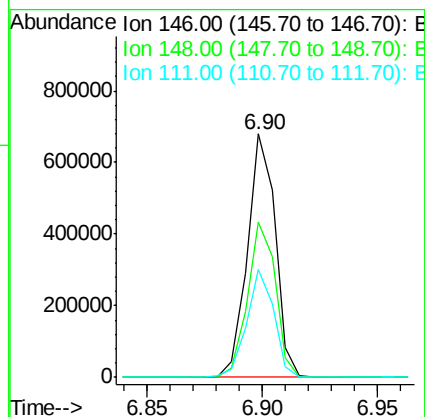
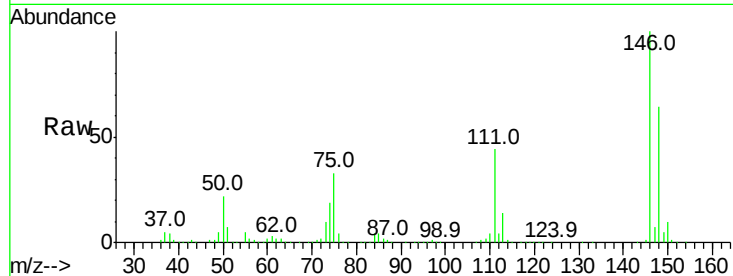




#13
 1,4-Dichlorobenzene
 Concen: 30.579 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

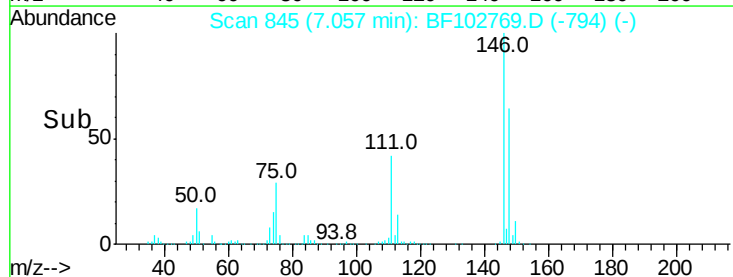
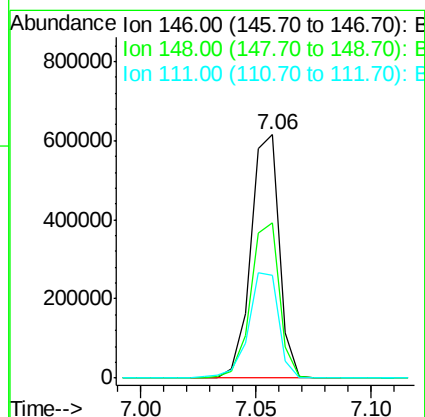
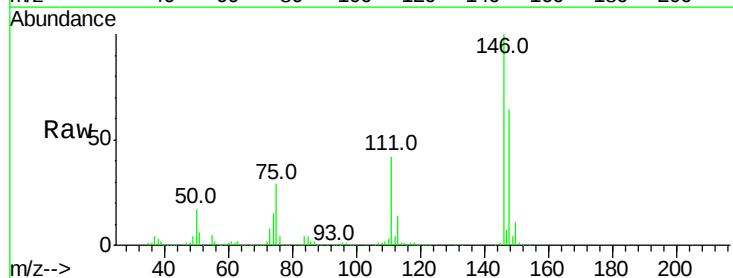
Instrument :
 BNA_F
 ClientSampled :

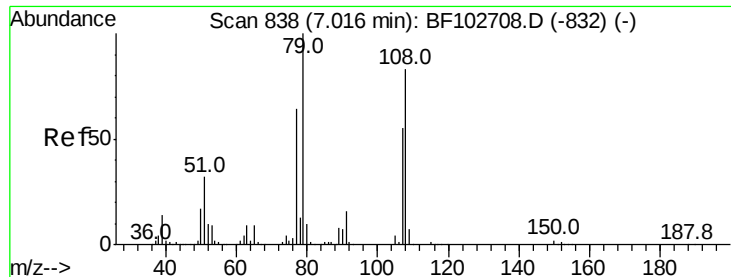
Tot Ion:146 Resp: 574099
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 44.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 30.374 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion:146 Resp: 531143
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.6 75.8
 111 42.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 33.331 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

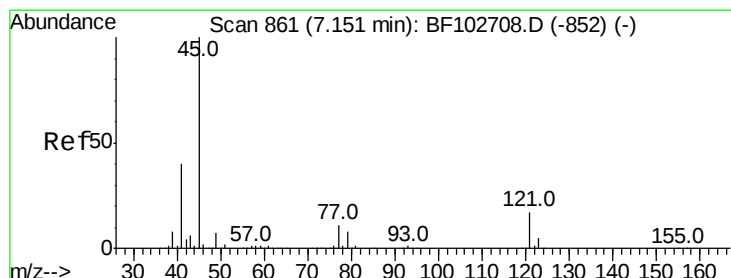
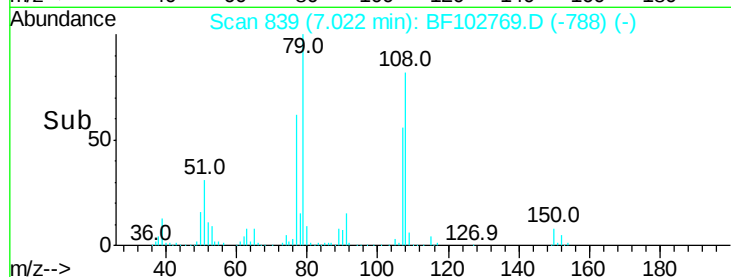
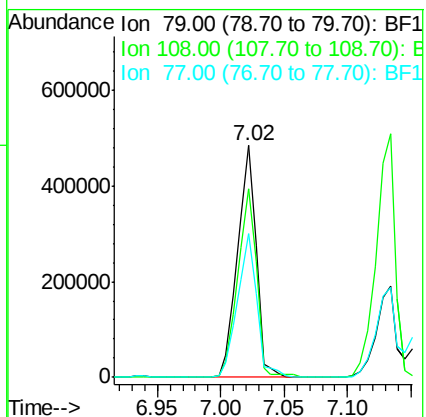
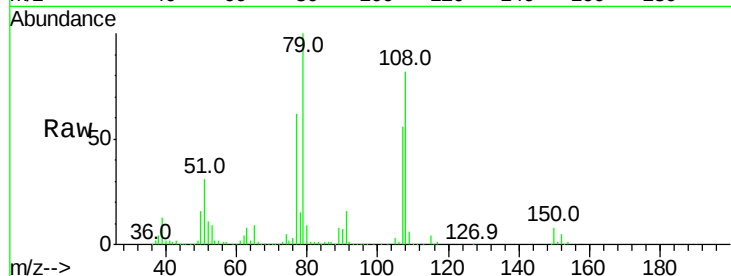
Tot Ion: 79 Resp: 487788

Ion Ratio Lower Upper

79 100

108 81.6 65.1 97.7

77 62.1 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 31.070 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

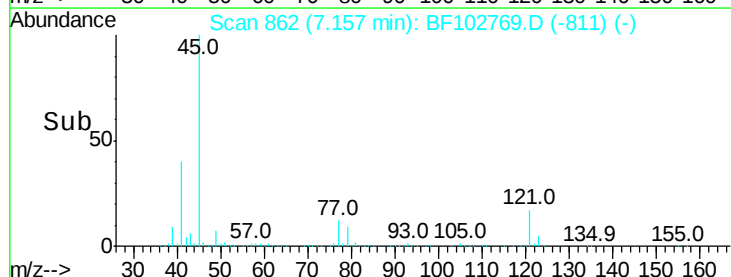
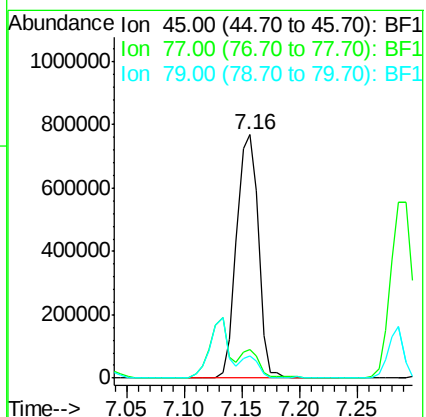
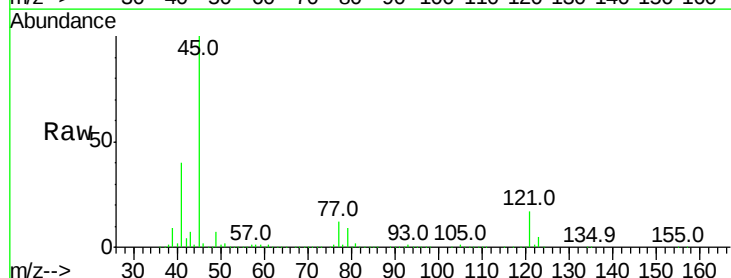
Tgt Ion: 45 Resp: 1001850

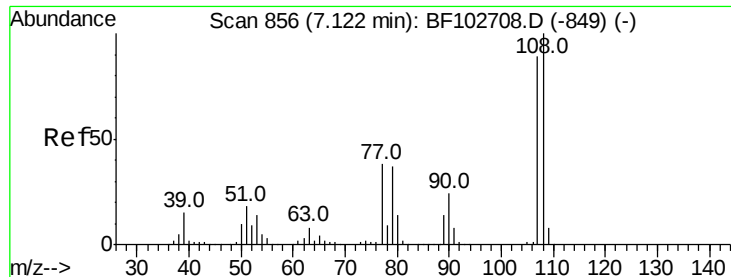
Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.9

79 9.1 0.0 29.6

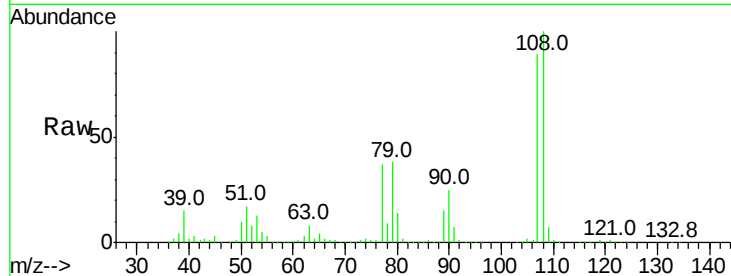




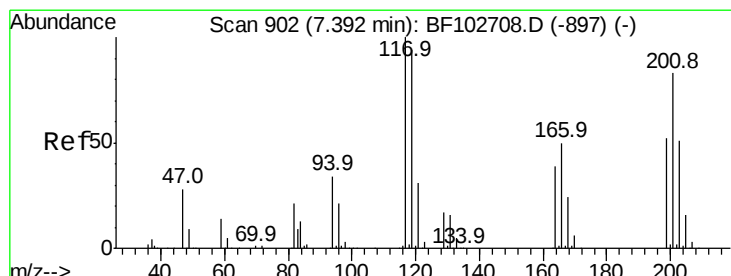
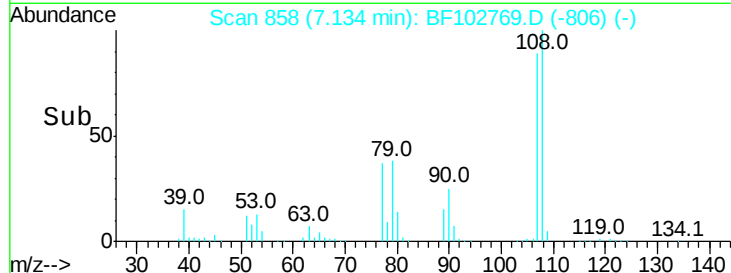
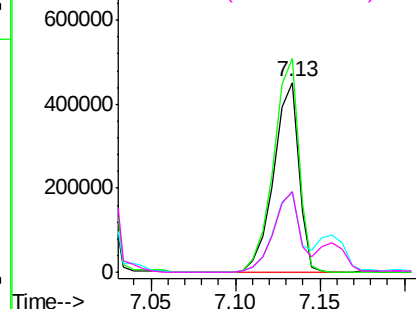
#17
2-Methylphenol
Concen: 31.073 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 466480
Ion Ratio Lower Upper
107 100
108 112.4 91.7 137.5
77 41.8 33.8 50.8
79 42.2 33.8 50.8

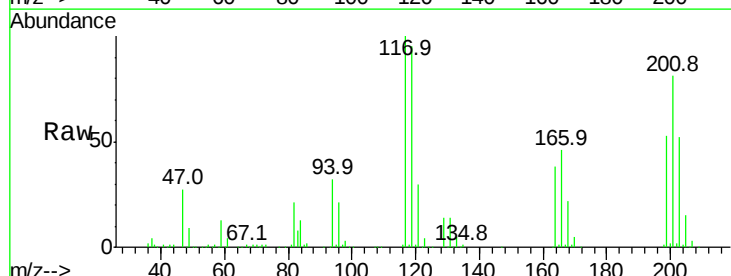


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

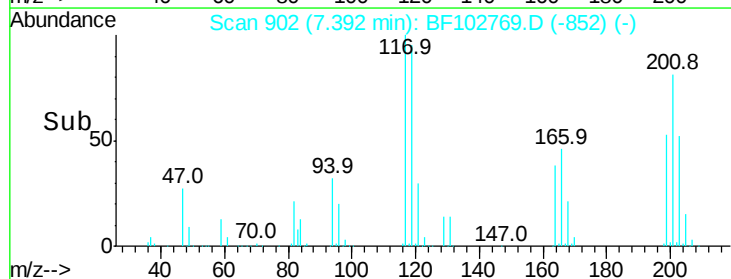
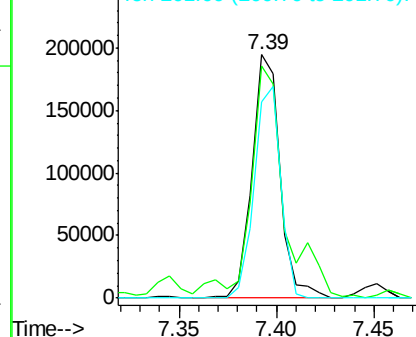


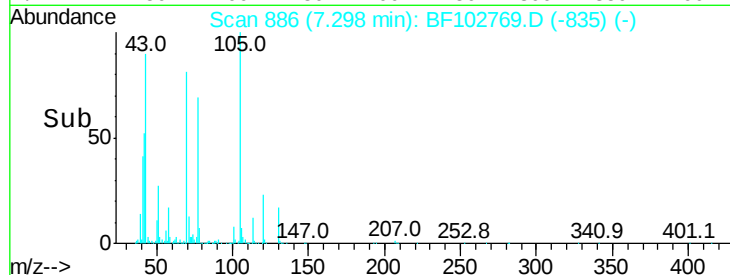
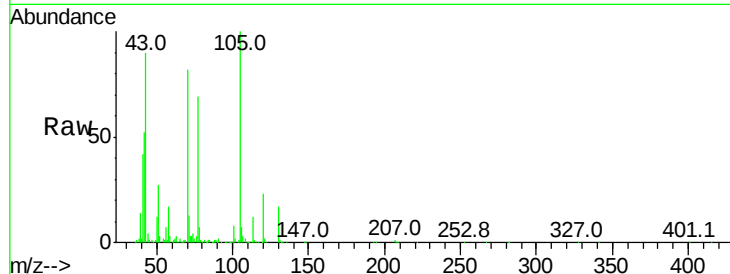
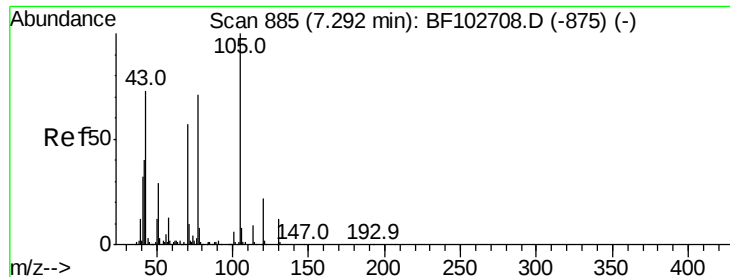
#18
Hexachloroethane
Concen: 30.059 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion:117 Resp: 193520
Ion Ratio Lower Upper
117 100
119 95.2 75.8 113.8
201 80.8 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

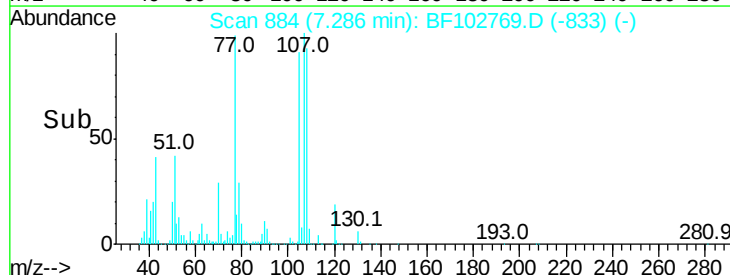
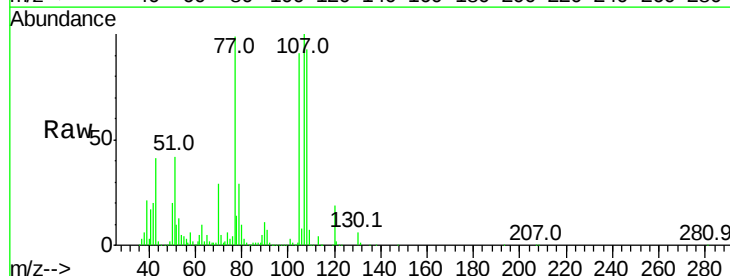
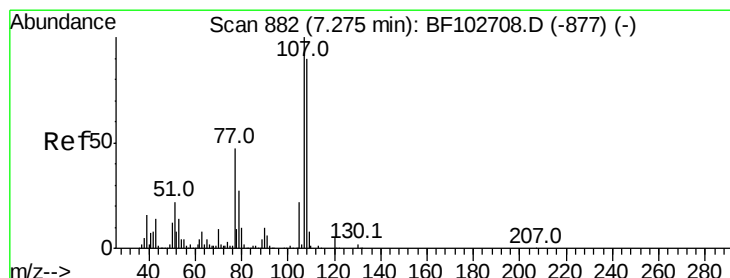
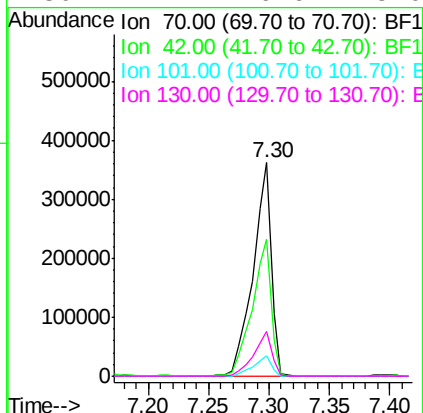




#19
n-Nitroso-di-n-propylamine
Concen: 30.729 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

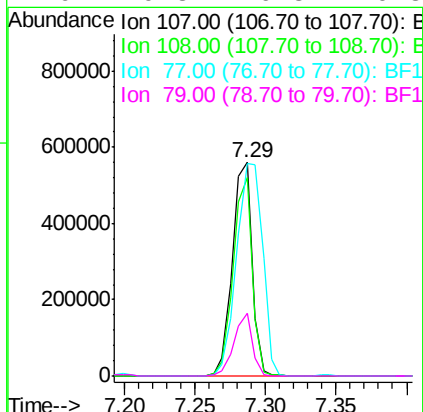
Instrument :
BNA_F
ClientSampled :

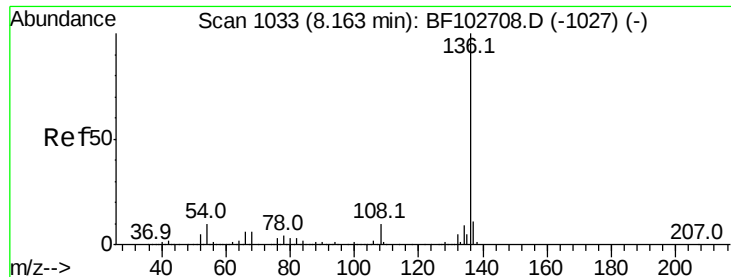
Tot Ion: 70 Resp: 385657
Ion Ratio Lower Upper
70 100
42 64.2 47.5 71.3
101 9.4 7.4 11.2
130 21.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 29.702 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion: 107 Resp: 549882
Ion Ratio Lower Upper
107 100
108 93.0 68.2 108.2
77 99.3 26.7 66.7#
79 29.3 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 997220

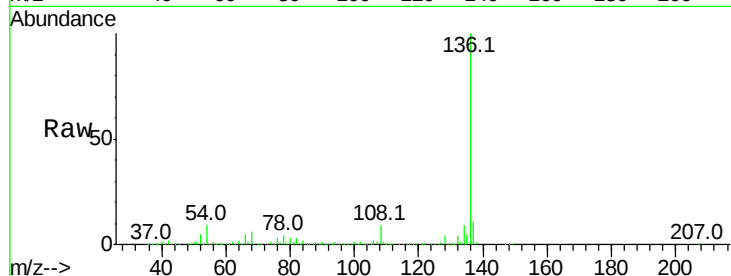
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.1 6.6 9.8

68 6.3 5.0 7.4

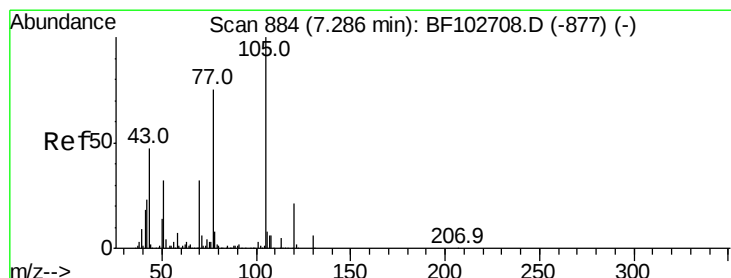
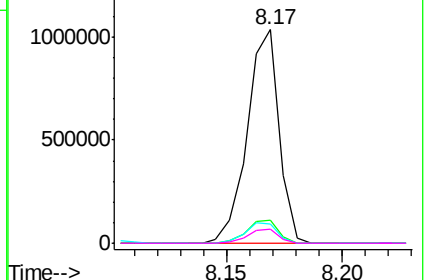
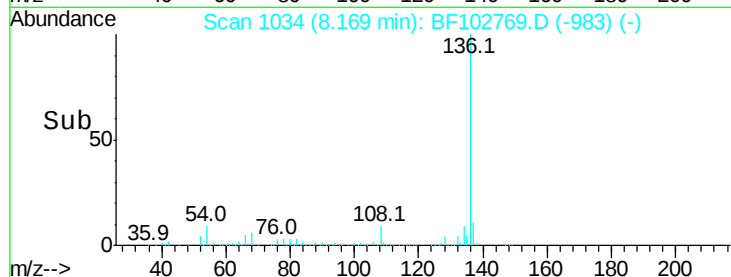


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.739 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion:105 Resp: 750130

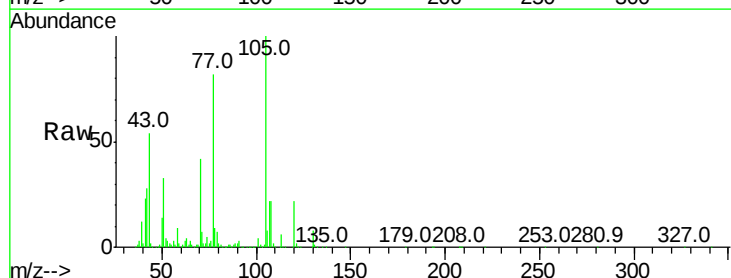
Ion Ratio Lower Upper

105 100

71 7.1 4.4 6.6#

51 33.0 22.3 33.5

120 21.6 16.9 25.3

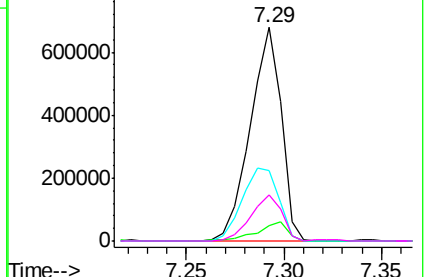
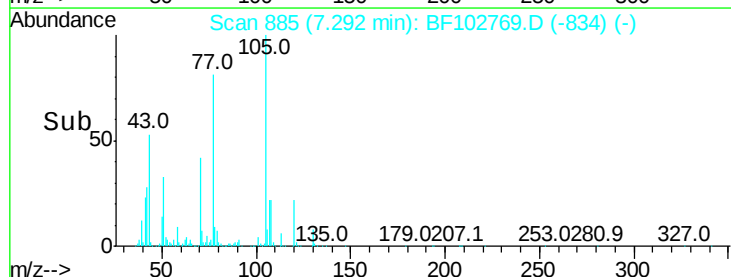


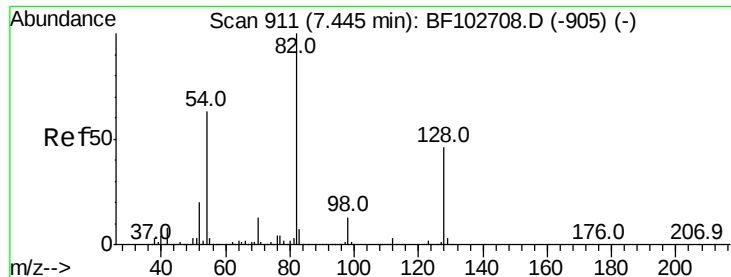
Abundance Ion 105.00 (104.70 to 105.70): E

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

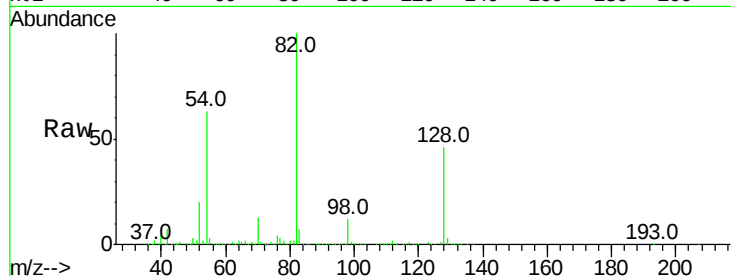




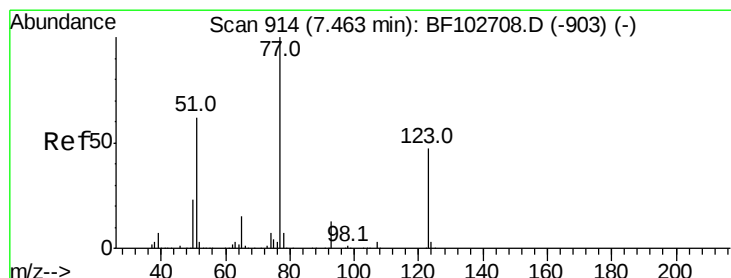
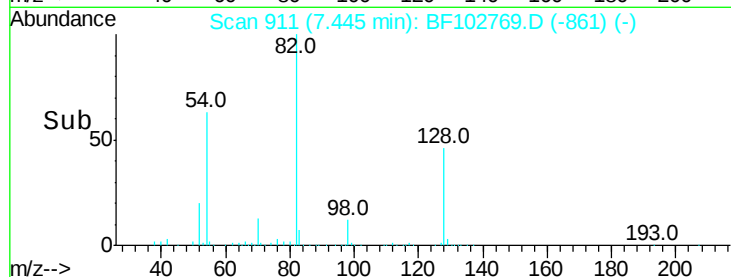
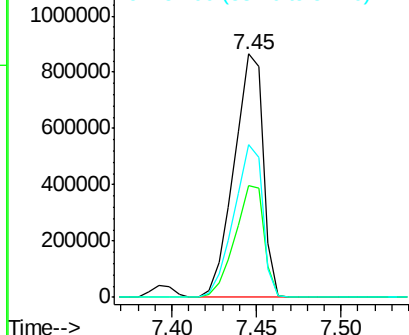
#23
Nitrobenzene-d5
Concen: 72.170 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 1037463
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 62.9 41.4 62.2#

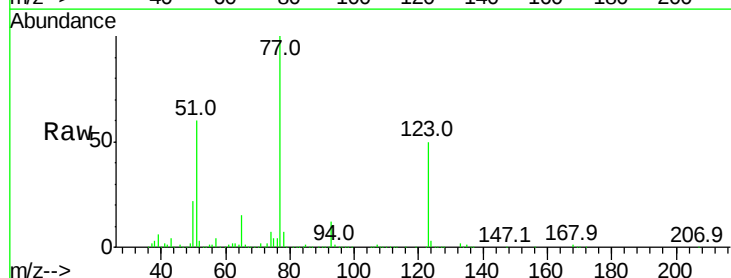


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

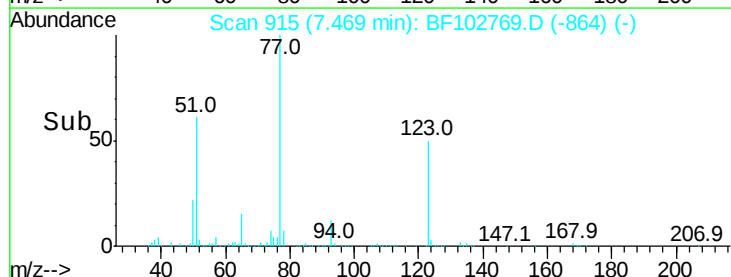
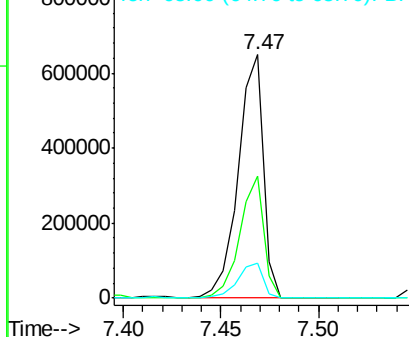


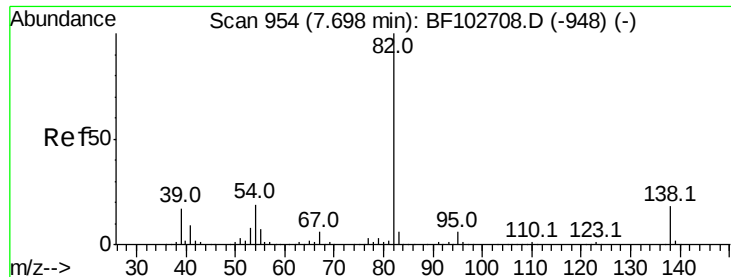
#24
Nitrobenzene
Concen: 34.224 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion: 77 Resp: 578995
Ion Ratio Lower Upper
77 100
123 50.0 37.9 56.9
65 14.5 11.0 16.4



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





#25

Isophorone

Concen: 32.938 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

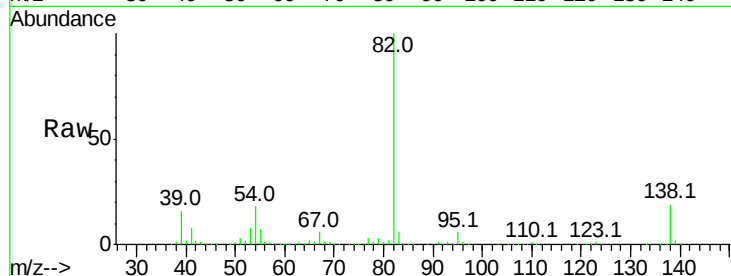
Tot Ion: 82 Resp: 1090289

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

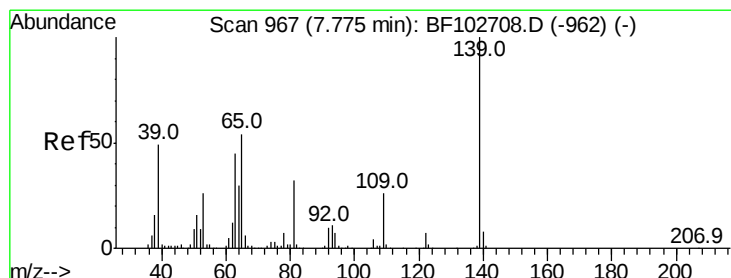
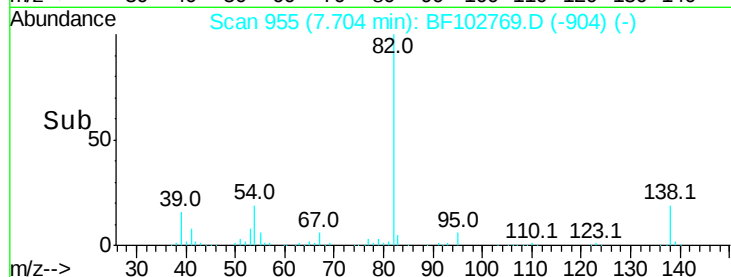
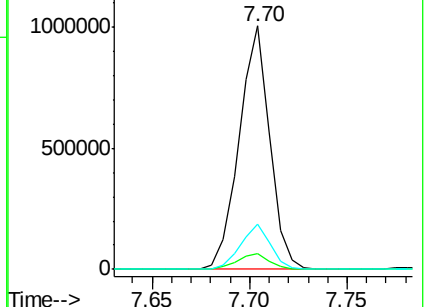
138 18.5 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 39.918 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

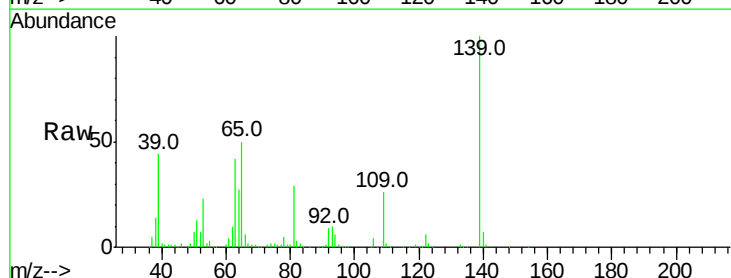
Tgt Ion: 139 Resp: 264936

Ion Ratio Lower Upper

139 100

109 26.0 22.7 34.1

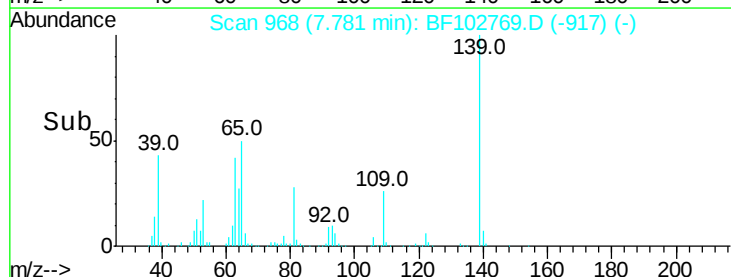
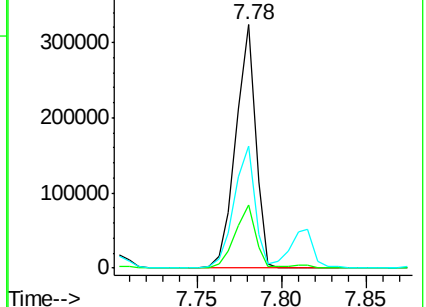
65 50.2 40.5 60.7

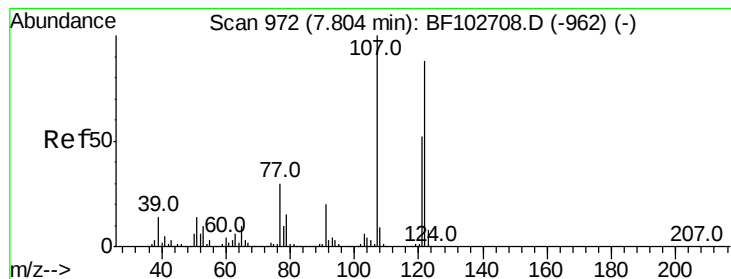


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

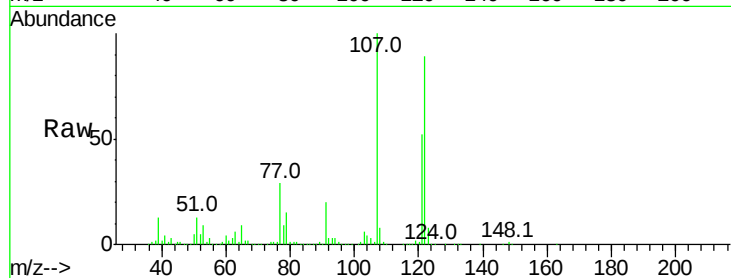




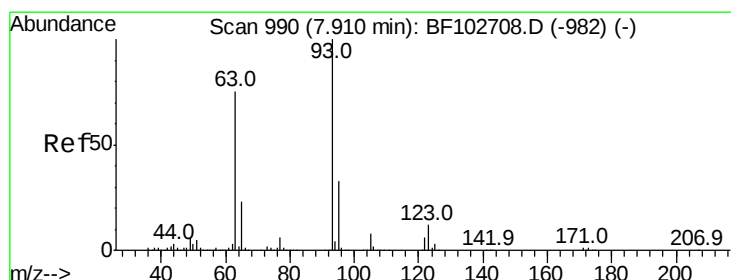
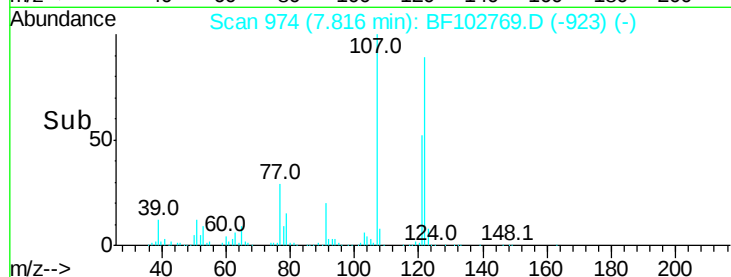
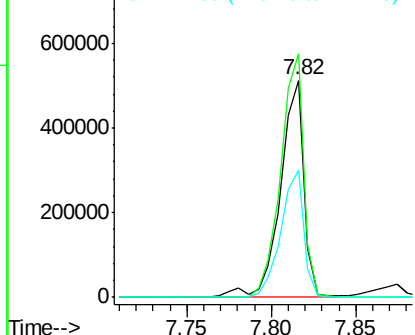
#27
2,4-Dimethylphenol
Concen: 35.623 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 498180
Ion Ratio Lower Upper
122 100
107 112.1 91.2 136.8
121 58.4 47.2 70.8

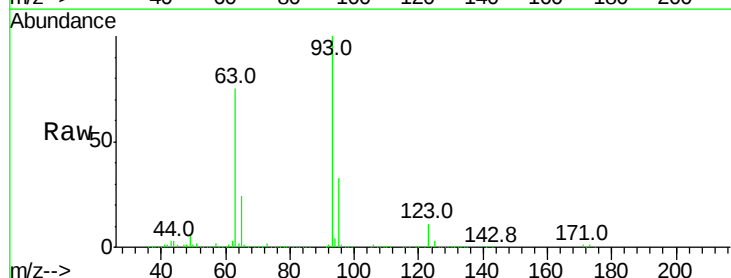


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

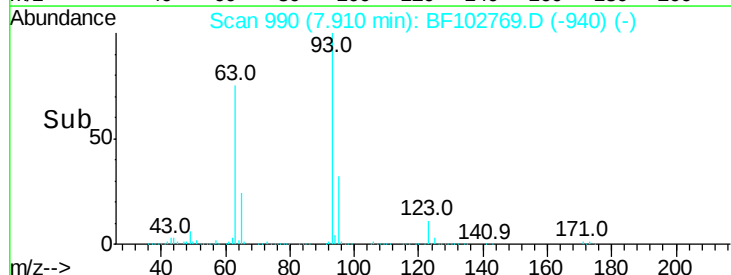
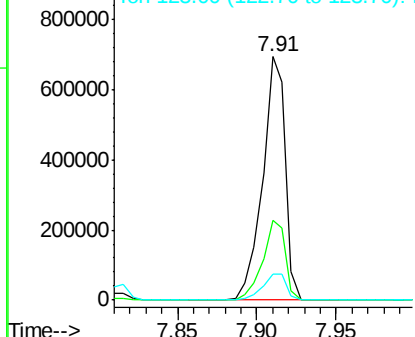


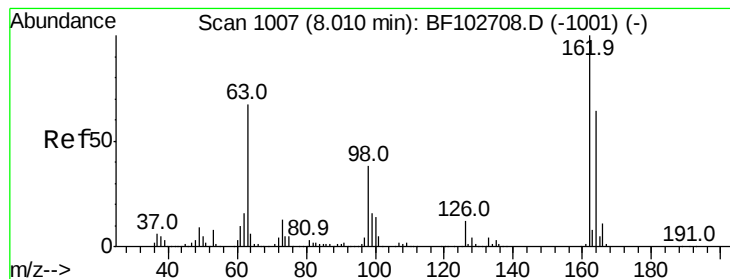
#28
bis(2-Chloroethoxy)methane
Concen: 35.447 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion: 93 Resp: 695069
Ion Ratio Lower Upper
93 100
95 32.8 26.3 39.5
123 10.8 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: 34.819 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampled :

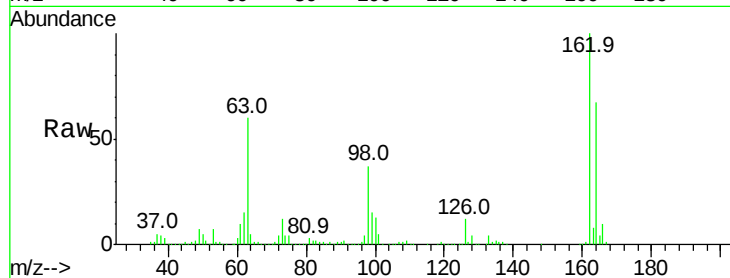
Tot Ion:162 Resp: 442650

Ion Ratio Lower Upper

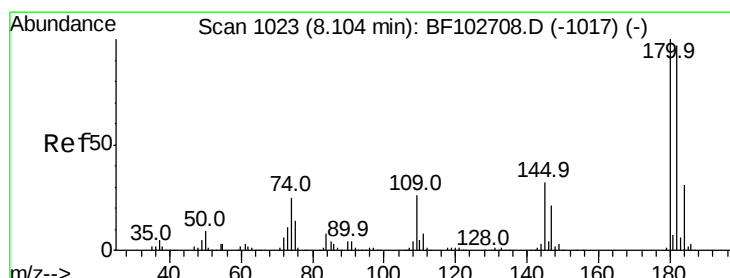
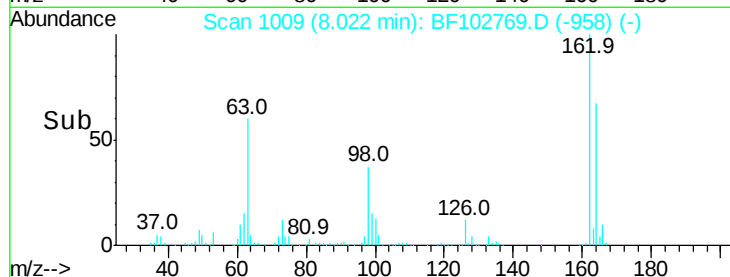
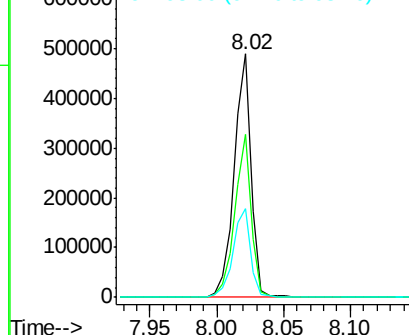
162 100

164 66.8 42.7 82.7

98 36.7 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: 31.095 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

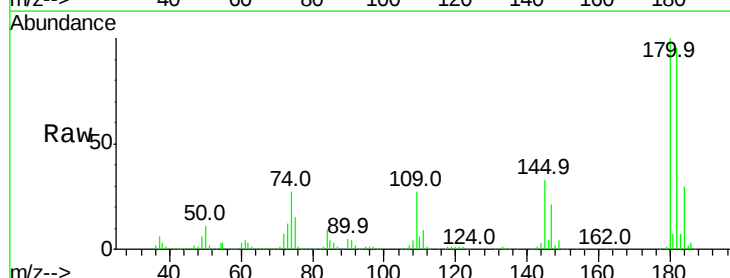
Tgt Ion:180 Resp: 447198

Ion Ratio Lower Upper

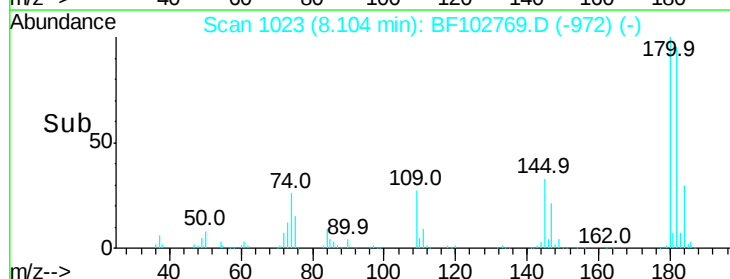
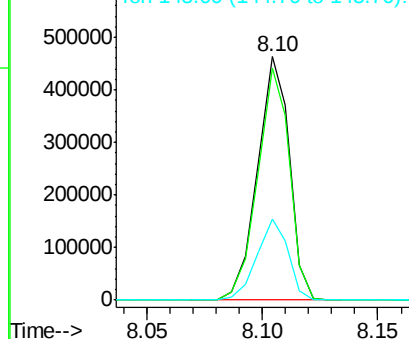
180 100

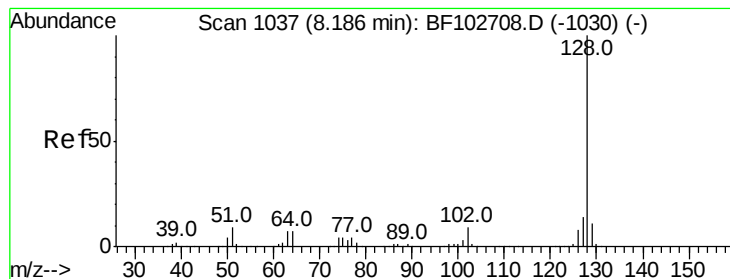
182 95.2 76.8 115.2

145 33.1 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: 32.113 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

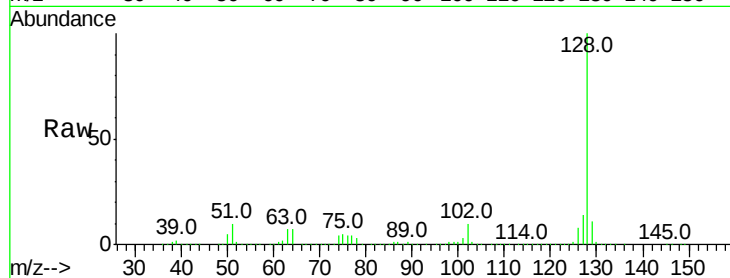
Tot Ion:128 Resp: 1564611

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

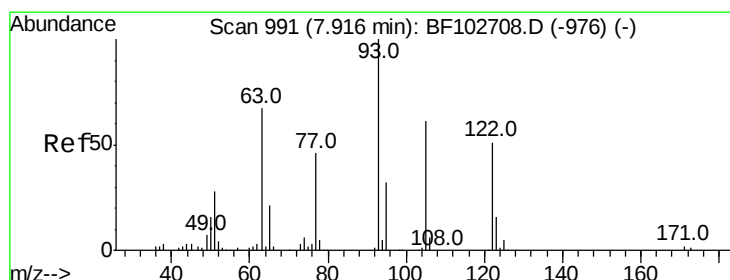
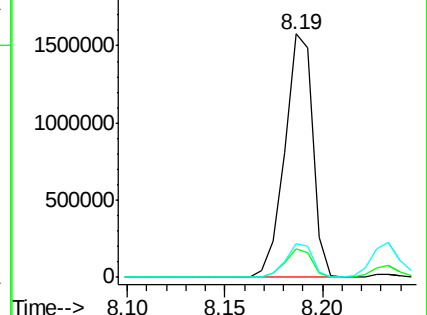
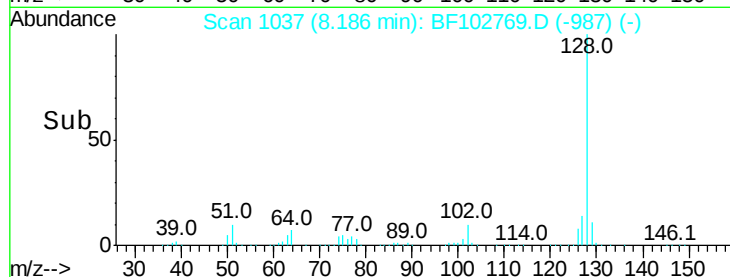
127 13.9 10.9 16.3



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: 12.138 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.06 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

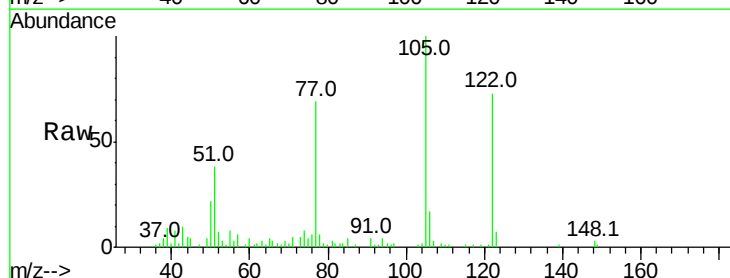
Tgt Ion:122 Resp: 37225

Ion Ratio Lower Upper

122 100

105 136.4 101.1 141.1

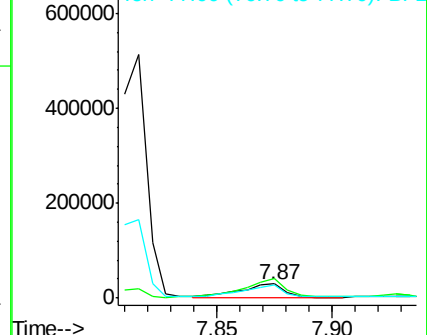
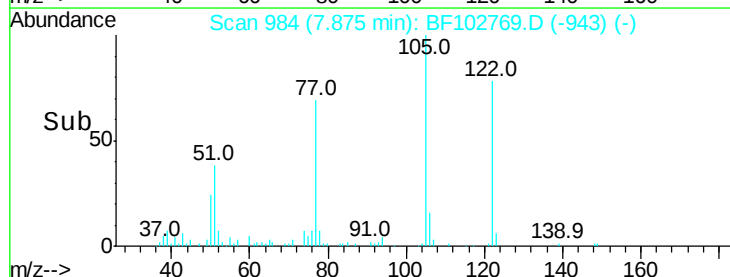
77 94.5 70.7 110.7

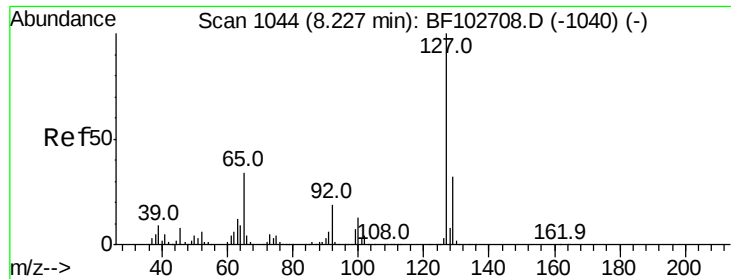


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

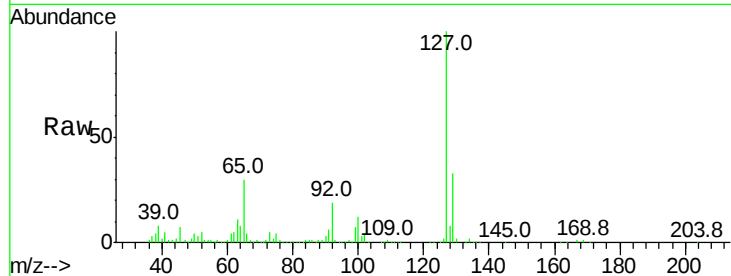




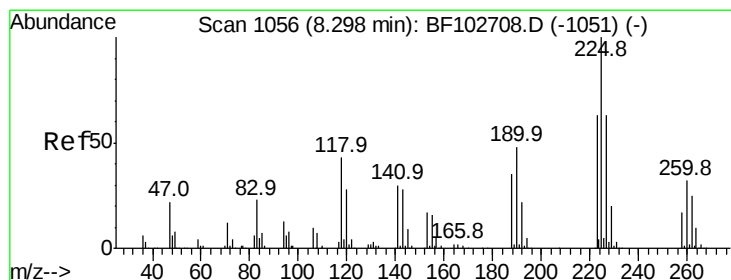
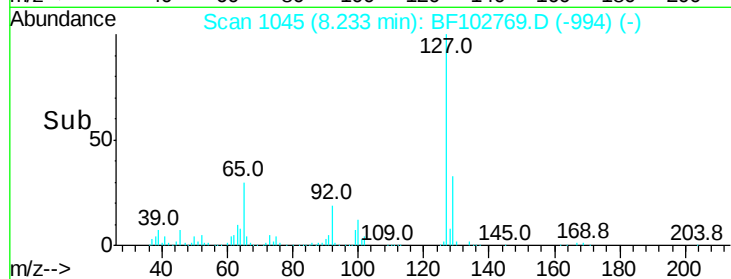
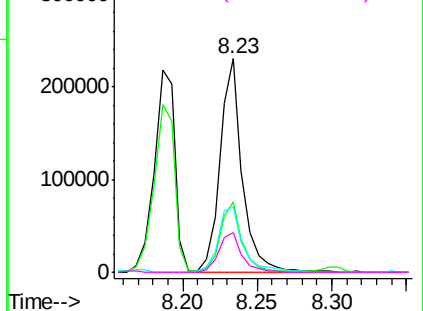
#33
4-Chloroaniline
Concen: 11.325 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	237704
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	30.4	25.0	37.4
92	18.7	15.2	22.8

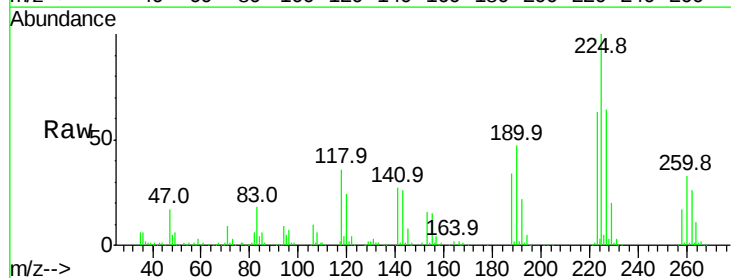


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

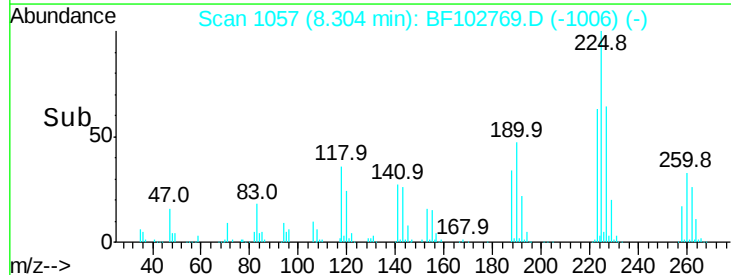
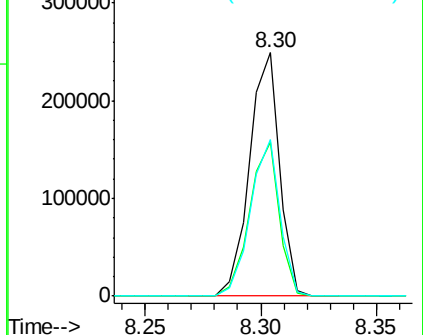


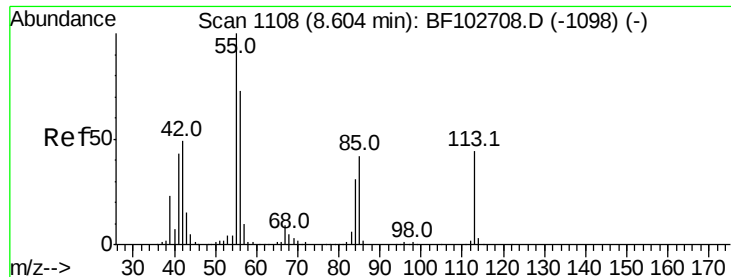
#34
Hexachlorobutadiene
Concen: 30.779 ng
RT: 8.30 min Scan# 1057
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion:	225	Resp:	226831
Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.5	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





#35

Caprolactam

Concen: 33.326 ng

RT: 8.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

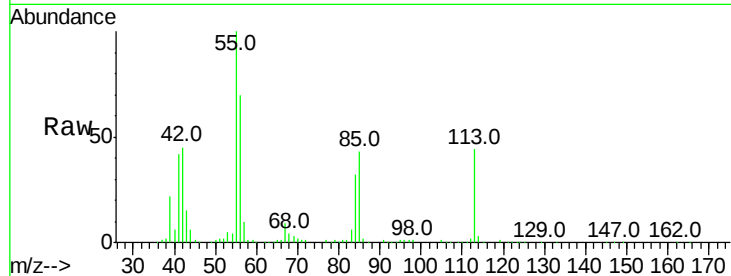
Tot Ion:113 Resp: 147135

Ion Ratio Lower Upper

113 100

55 225.2 163.3 203.3#

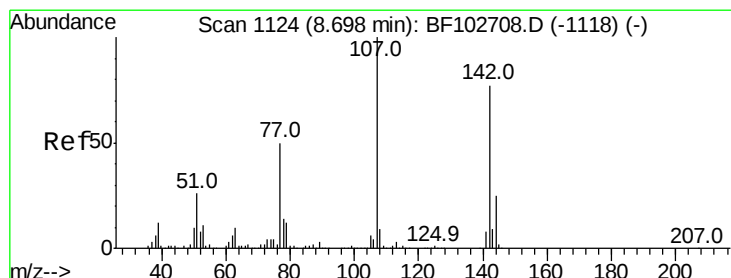
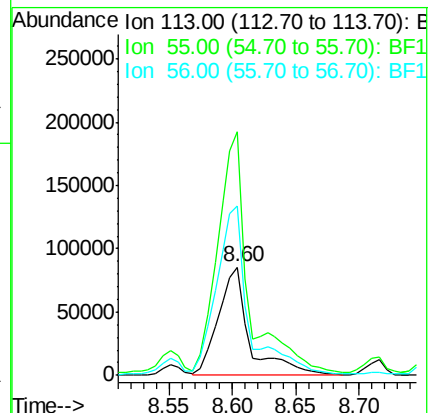
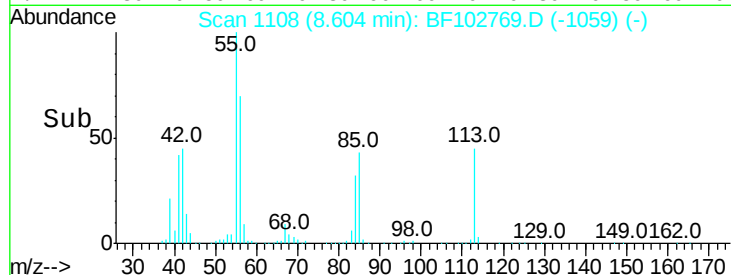
56 156.6 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 33.955 ng

RT: 8.72 min Scan# 1127

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

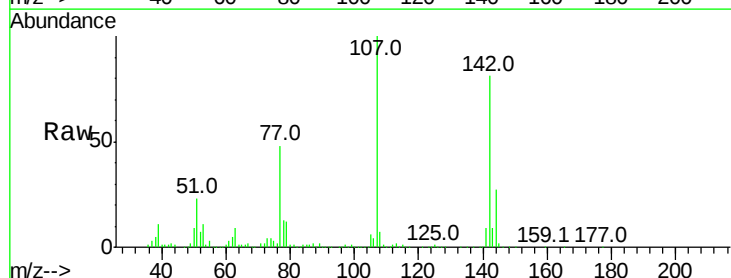
Tgt Ion:107 Resp: 485005

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

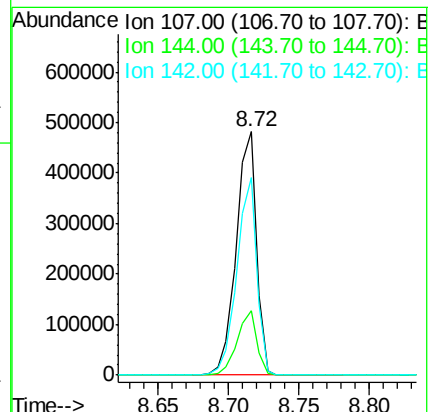
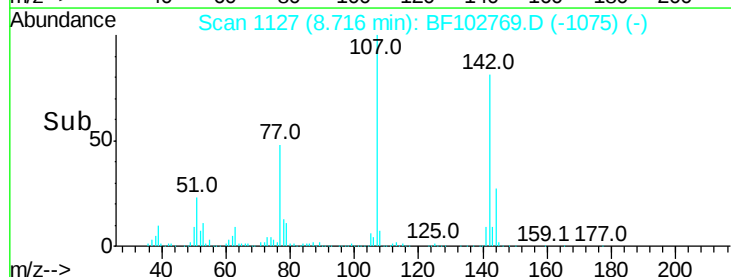
142 81.2 62.0 93.0

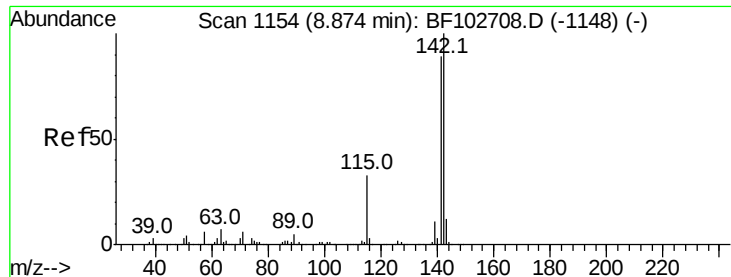


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

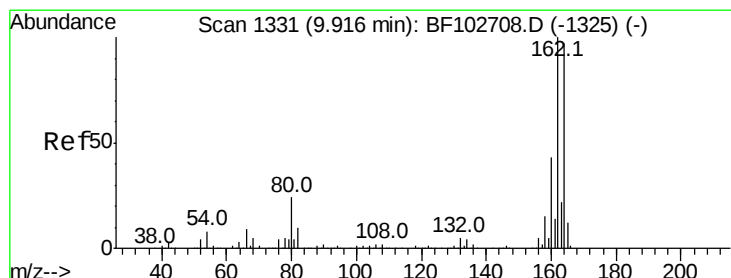
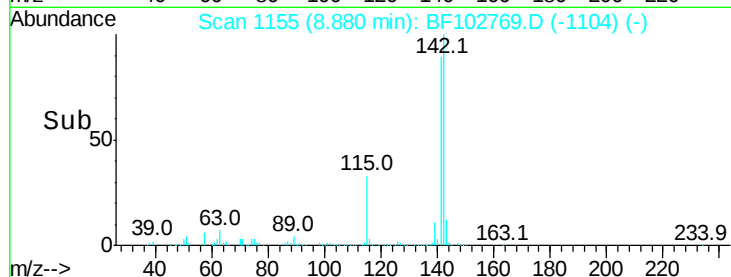
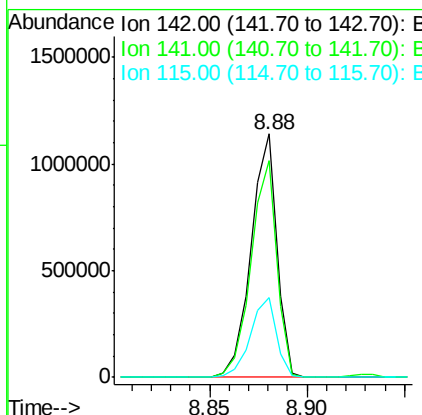
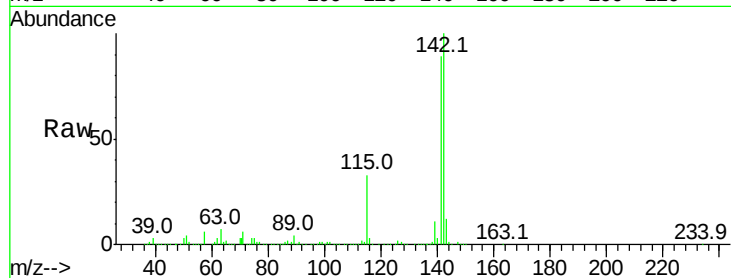




#37
 2-Methylnaphthalene
 Concen: 32.800 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

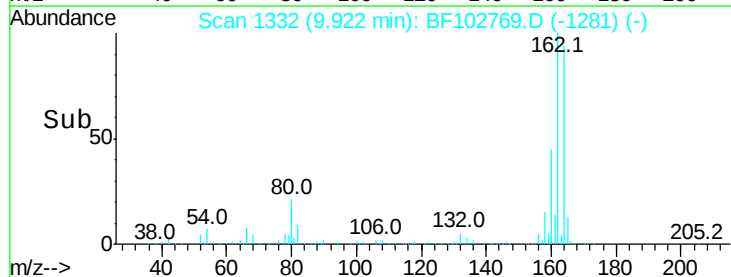
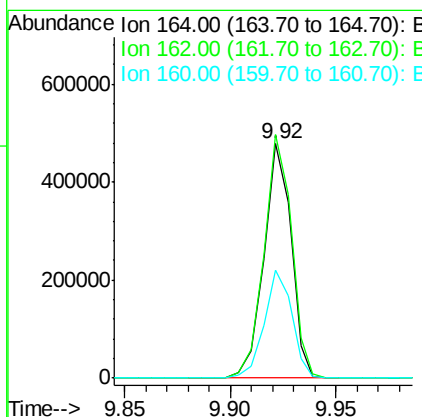
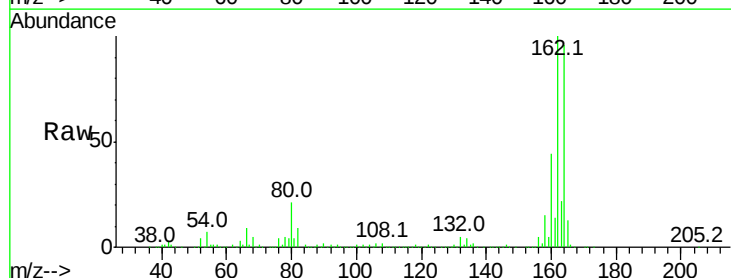
Instrument :
 BNA_F
 ClientSampleId :

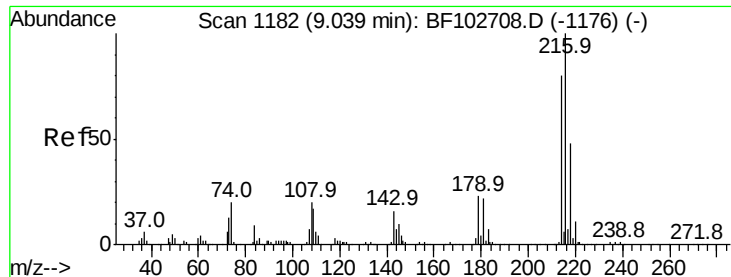
Tot Ion:142 Resp: 1046296
 Ion Ratio Lower Upper
 142 100
 141 89.1 70.8 106.2
 115 32.7 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion:164 Resp: 430961
 Ion Ratio Lower Upper
 164 100
 162 104.0 86.1 129.1
 160 46.2 38.3 57.5

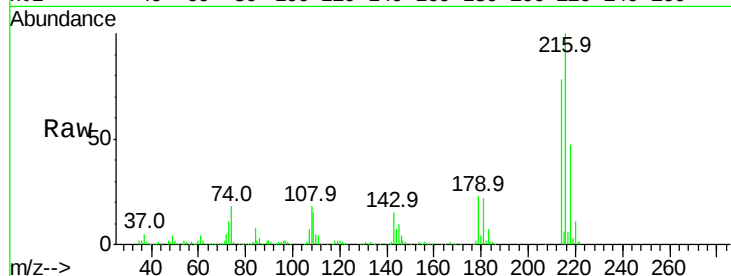




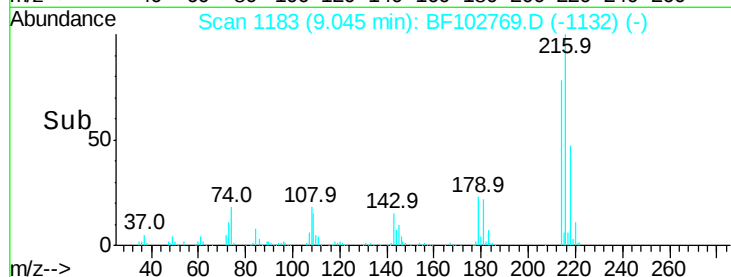
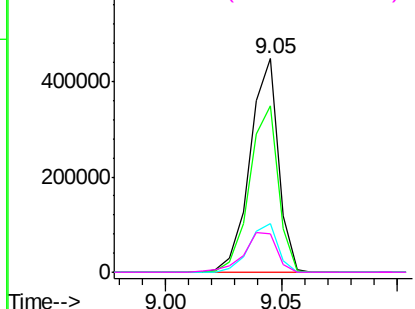
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.847 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:216 Resp: 385443
 Ion Ratio Lower Upper
 216 100
 214 79.0 63.0 94.4
 179 23.3 18.1 27.1
 108 21.6 17.2 25.8

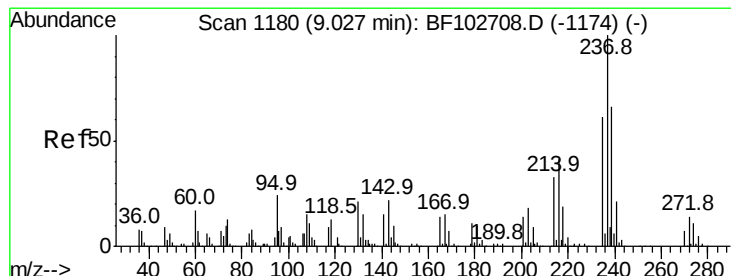


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

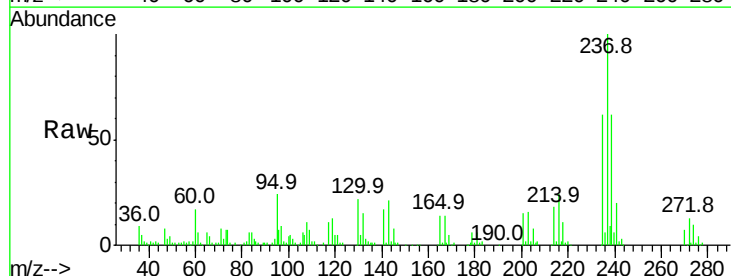
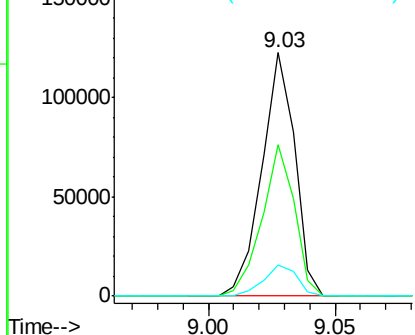


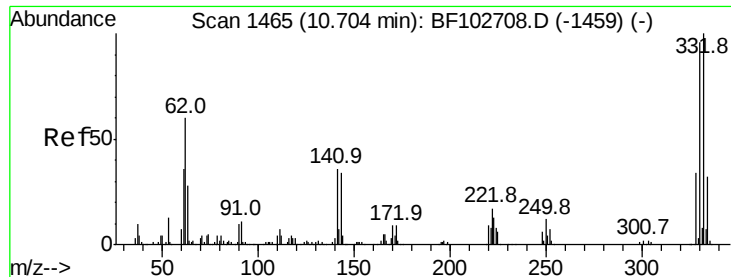
#40
 Hexachlorocyclopentadiene
 Concen: 20.092 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion:237 Resp: 112079
 Ion Ratio Lower Upper
 237 100
 235 62.5 44.8 84.8
 272 12.5 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: 86.702 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

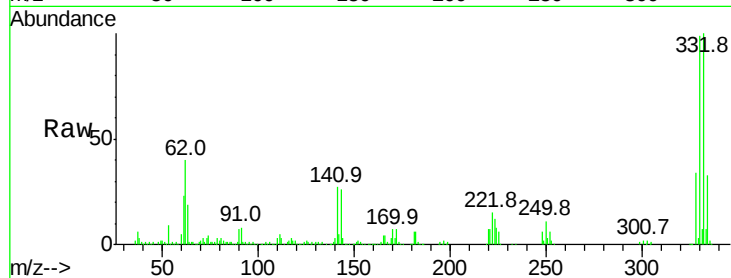
Tot Ion:330 Resp: 300747

Ion Ratio Lower Upper

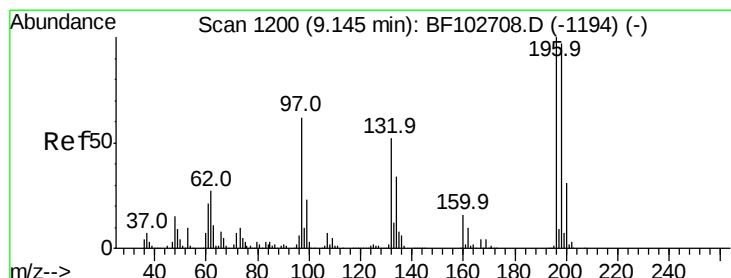
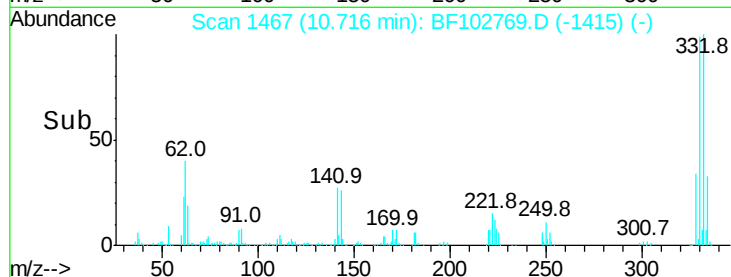
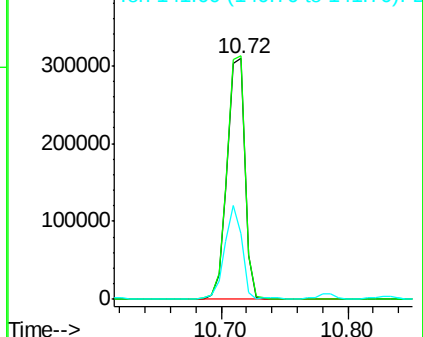
330 100

332 101.8 77.0 115.6

141 37.2 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: 36.206 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

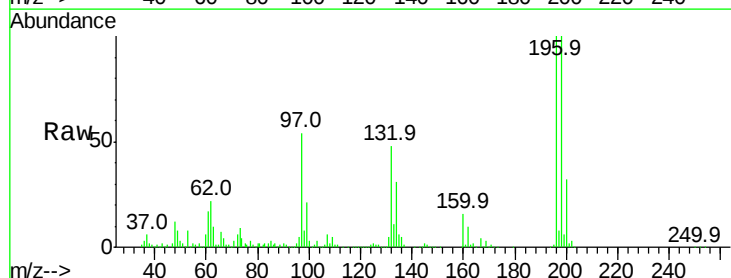
Tgt Ion:196 Resp: 279052

Ion Ratio Lower Upper

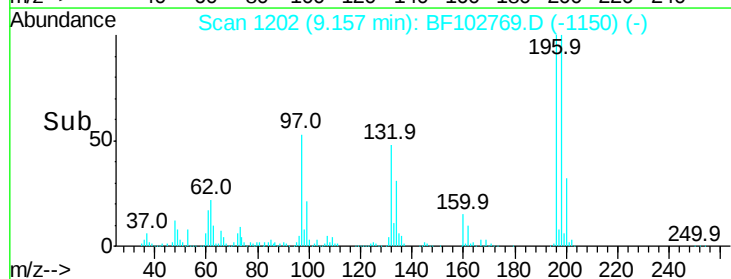
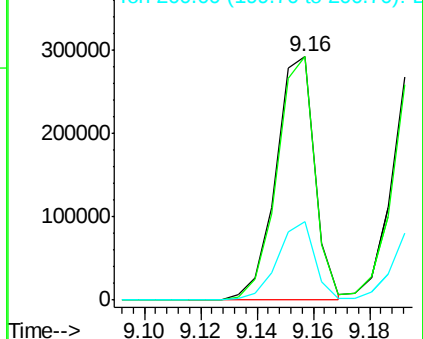
196 100

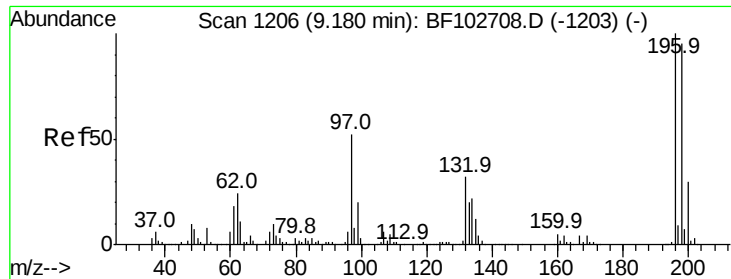
198 100.0 75.7 113.5

200 32.1 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

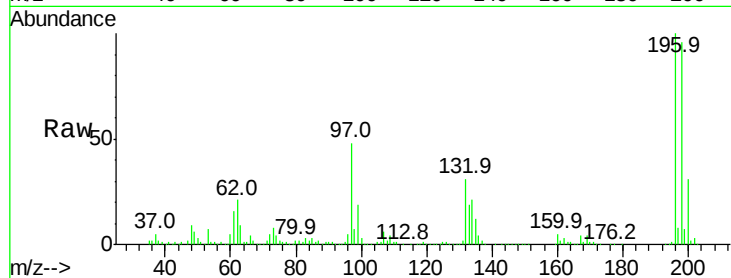




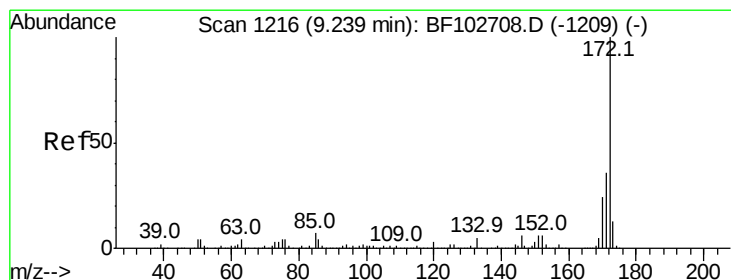
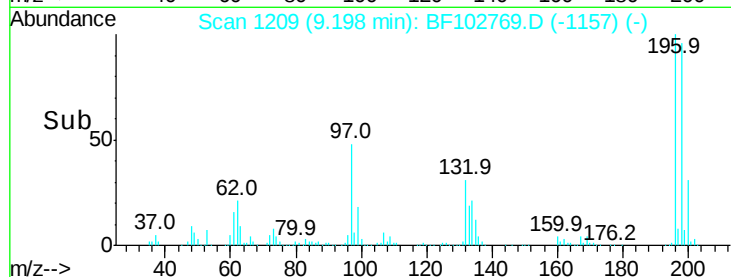
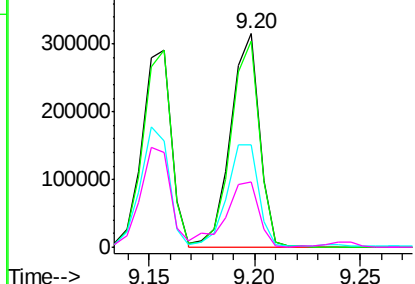
#43
 2,4,5-Trichlorophenol
 Concen: 34.215 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 297223
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.6 112.0
 97 48.0 42.9 64.3
 132 30.6 26.3 39.5

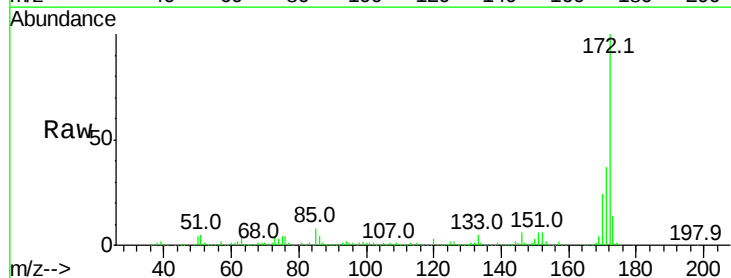


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

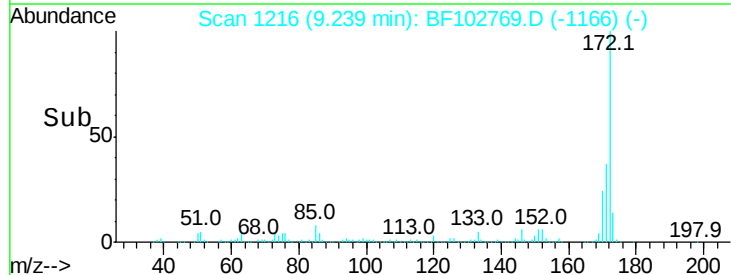
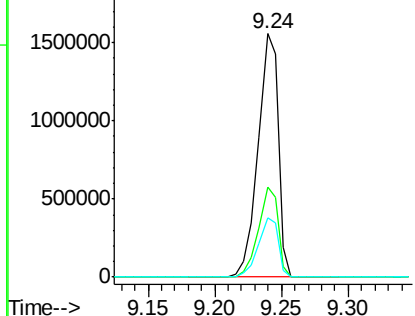


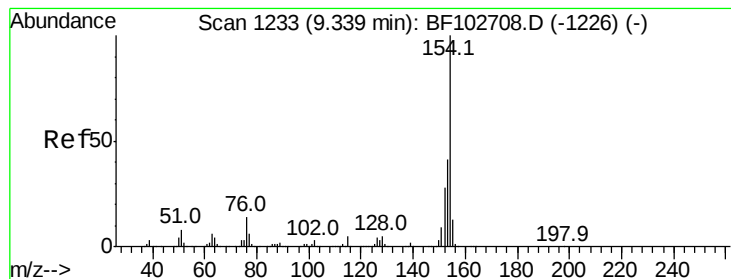
#44
 2-Fluorobiphenyl
 Concen: 61.928 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion:172 Resp: 1608372
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.4 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: 31.399 ng

RT: 9.35 min Scan# 1234

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

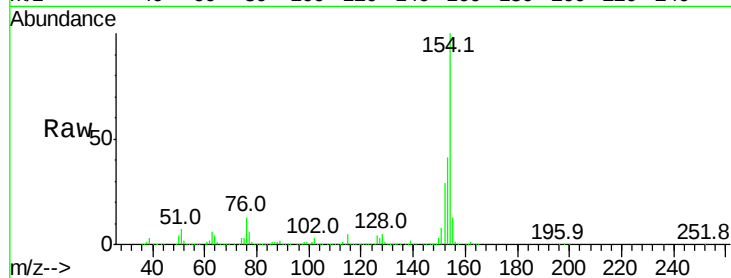
Tot Ion:154 Resp: 1139735

Ion Ratio Lower Upper

154 100

153 41.2 21.3 61.3

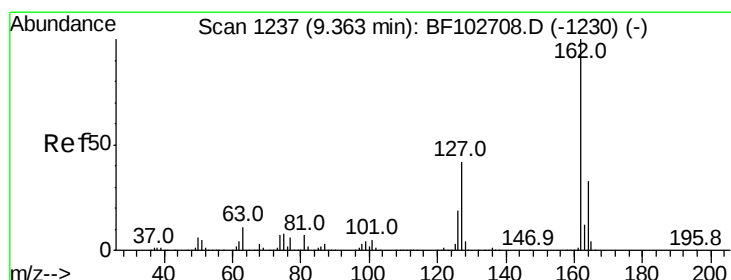
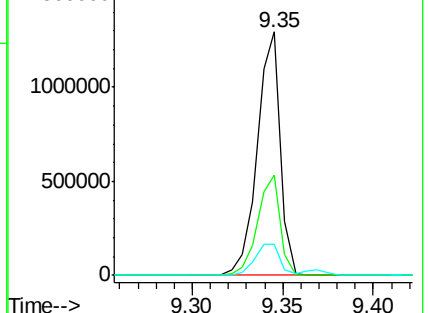
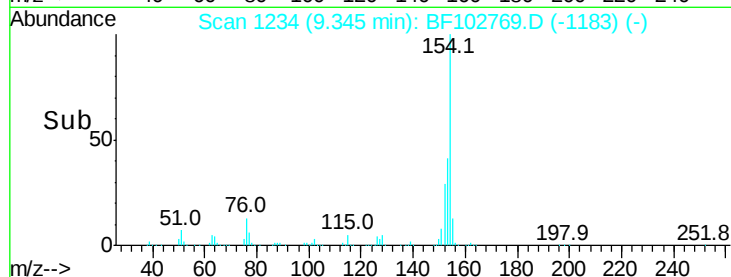
76 12.9 0.0 34.0



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: 31.760 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

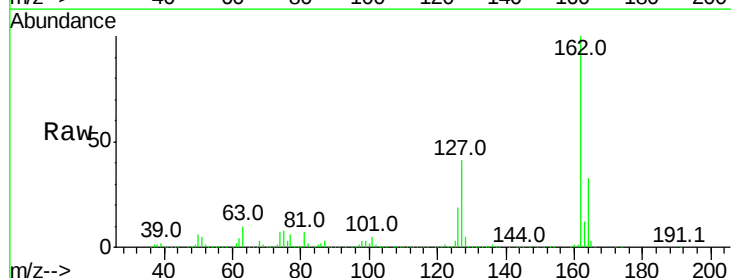
Tgt Ion:162 Resp: 907611

Ion Ratio Lower Upper

162 100

127 40.7 33.9 50.9

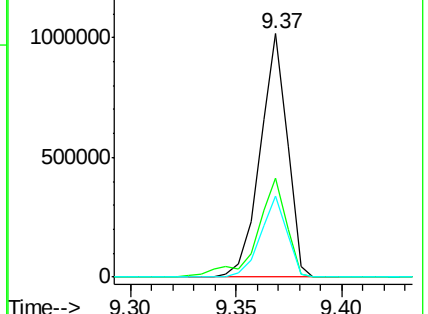
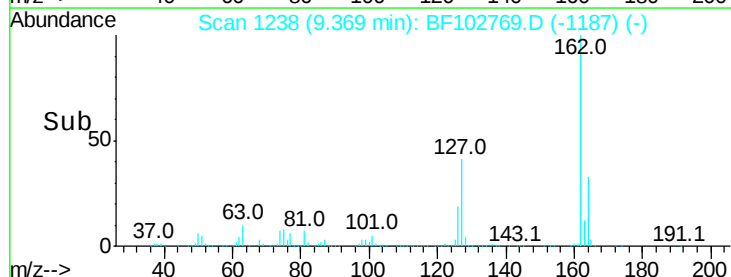
164 33.0 26.5 39.7

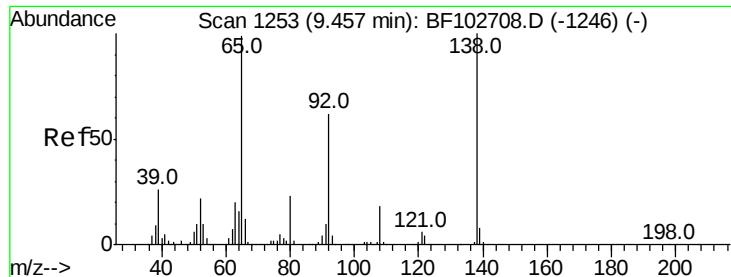


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

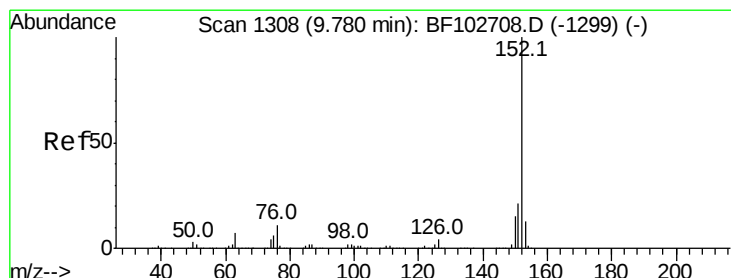
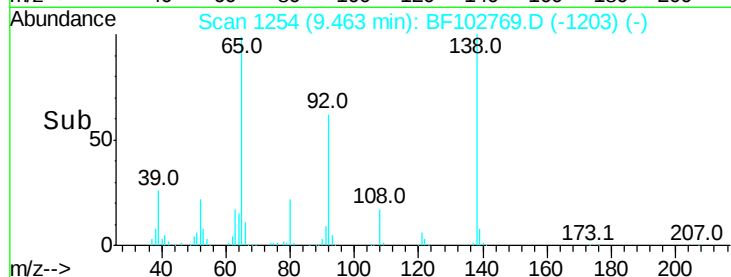
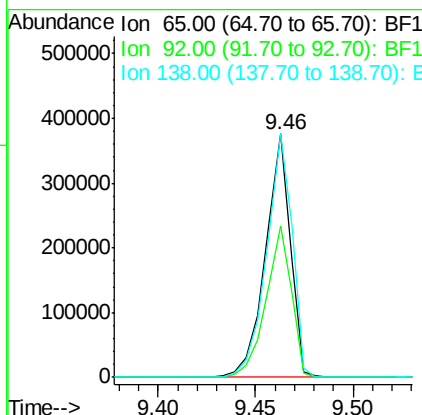
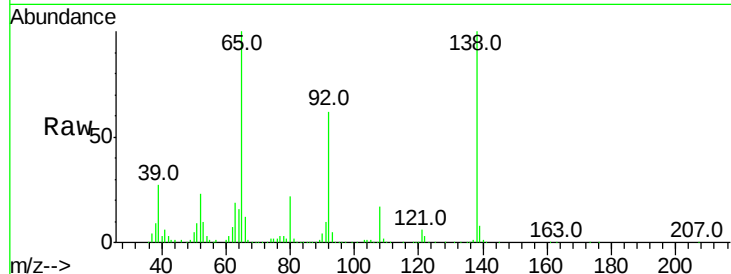




#47
2-Nitroaniline
Concen: 38.453 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

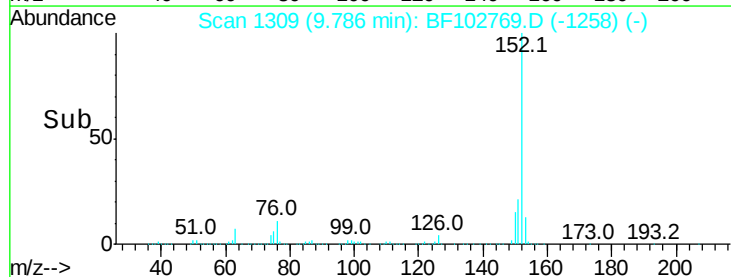
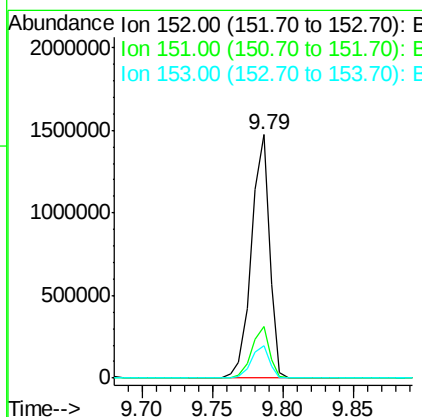
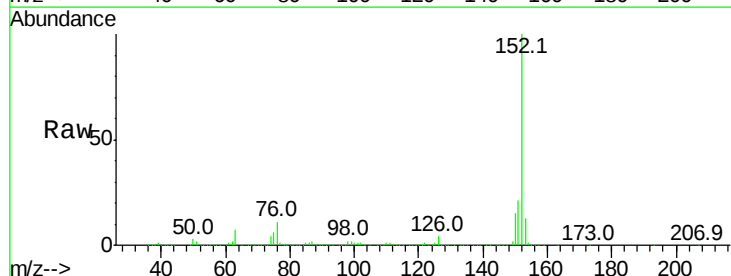
Instrument :
BNA_F
ClientSampled :

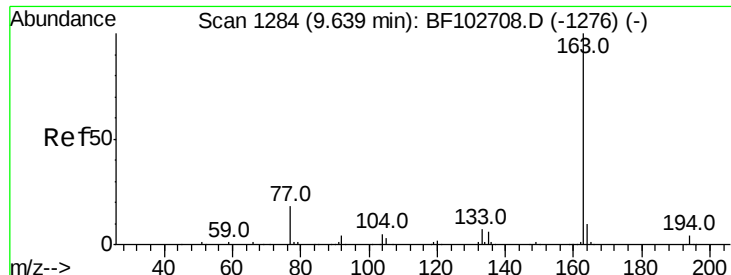
Tot Ion: 65 Resp: 332518
Ion Ratio Lower Upper
65 100
92 62.2 55.8 83.6
138 100.2 91.2 136.8



#48
Acenaphthylene
Concen: 29.981 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion: 152 Resp: 1330685
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 13.3 10.7 16.1

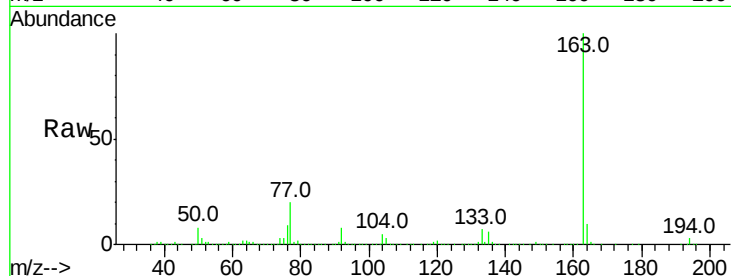




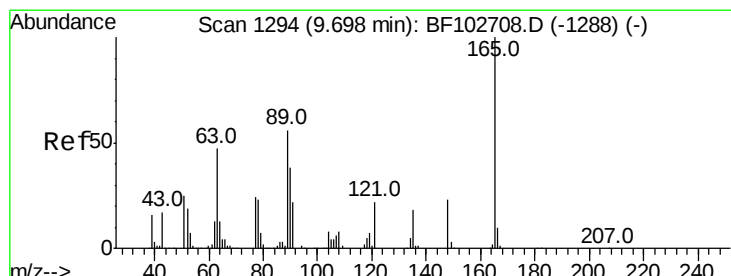
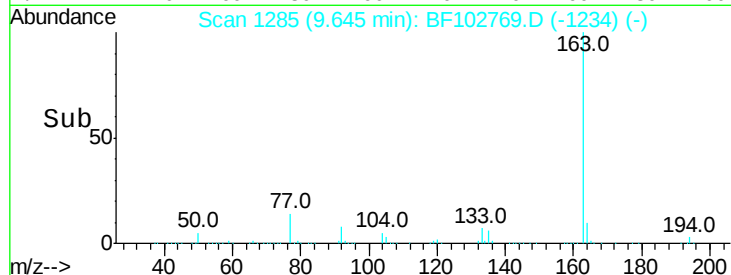
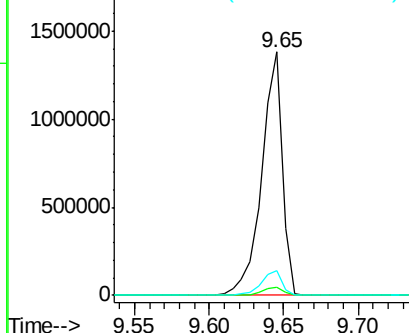
#49
Dimethylphthalate
Concen: 38.827 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 1304704
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 9.9 8.2 12.2

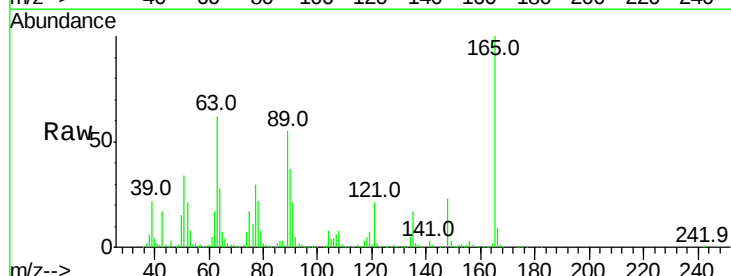


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

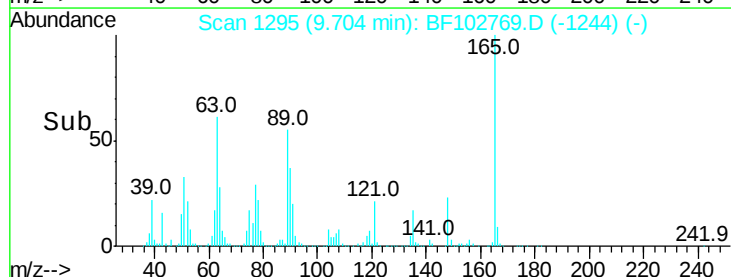
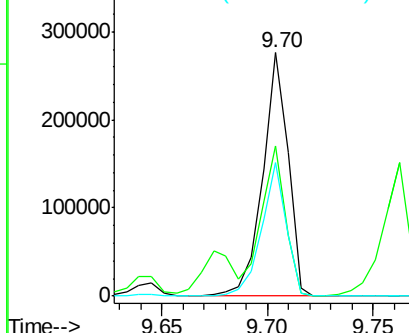


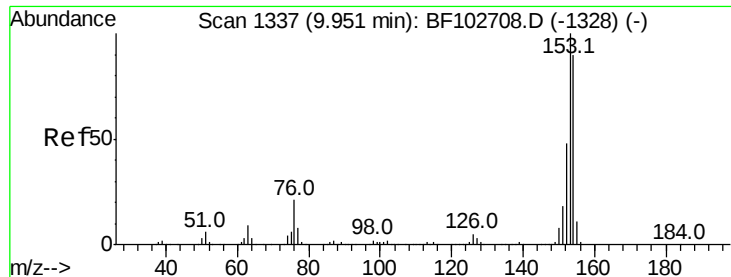
#50
2,6-Dinitrotoluene
Concen: 36.195 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion:165 Resp: 231393
Ion Ratio Lower Upper
165 100
63 61.6 44.7 67.1
89 55.0 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: 30.446 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

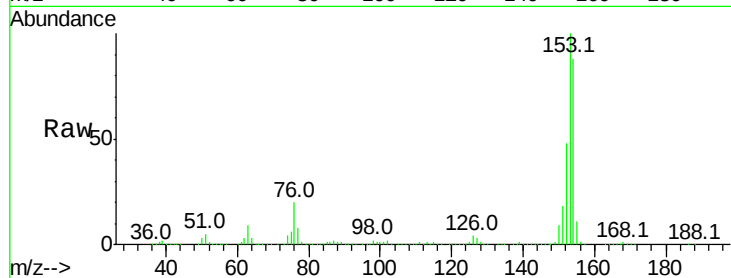
Tot Ion:154 Resp: 808143

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

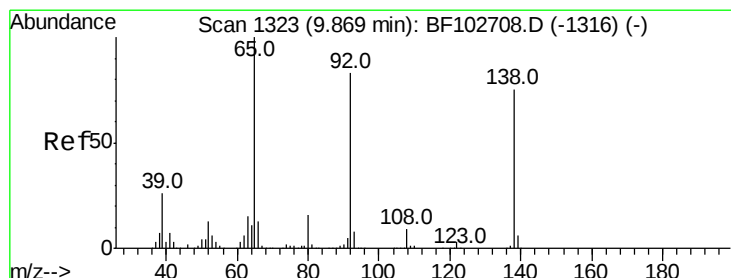
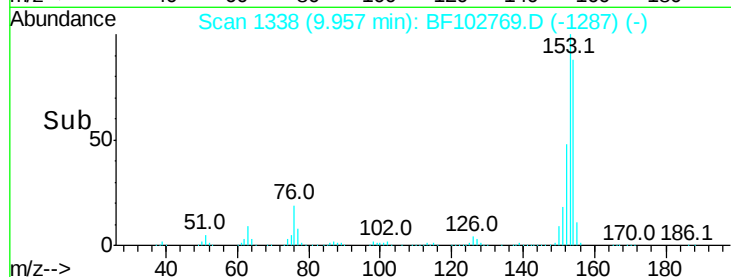
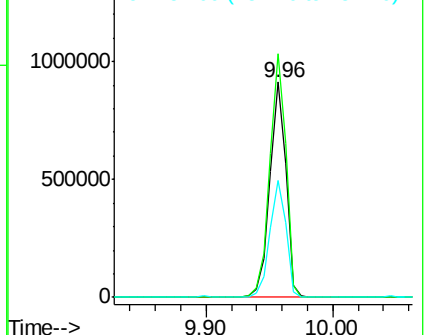
152 54.6 43.8 65.8



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: 28.298 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

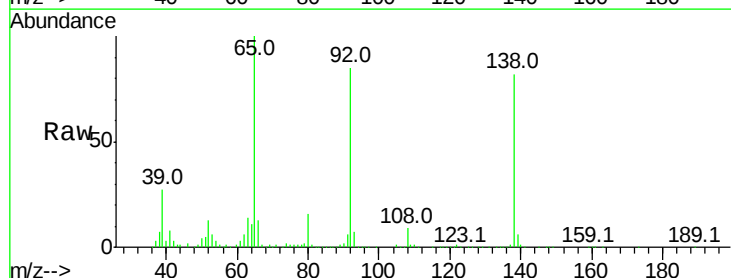
Tgt Ion:138 Resp: 222596

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

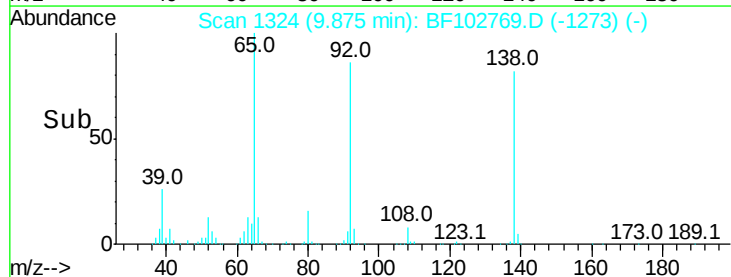
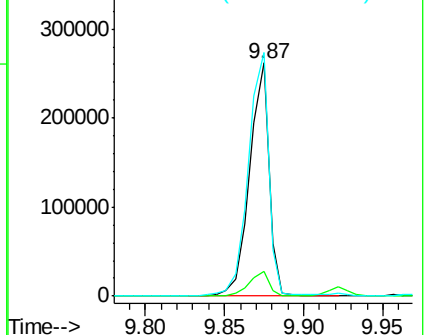
92 104.5 89.4 134.2

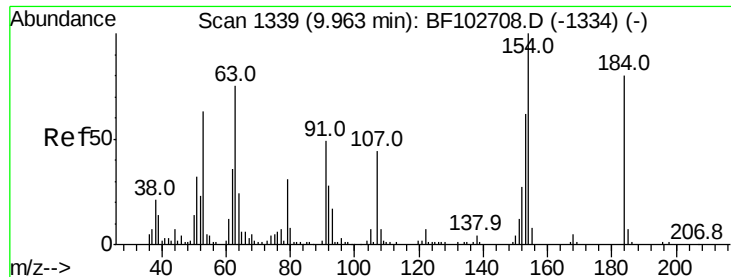


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

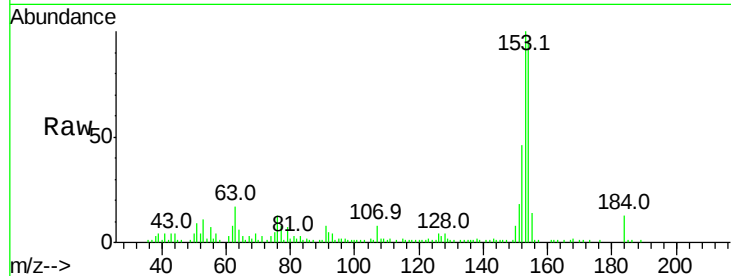




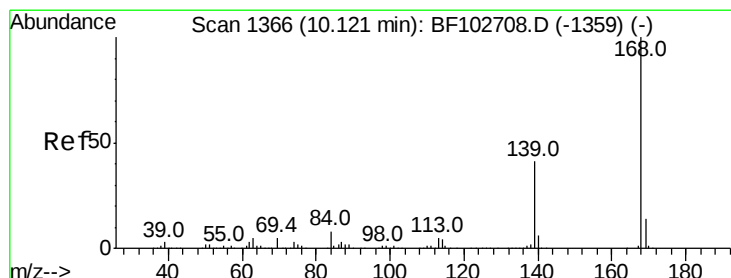
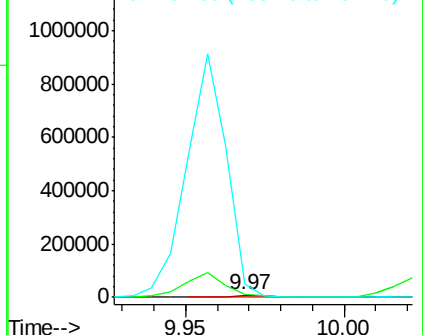
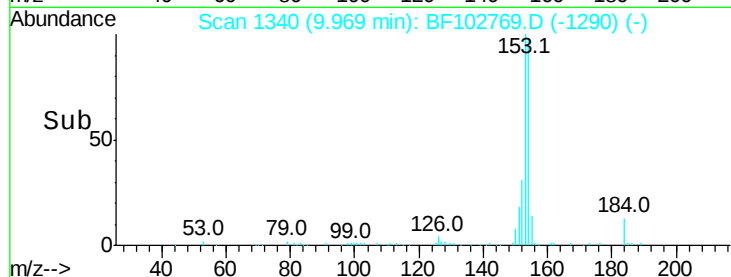
#53
2,4-Dinitrophenol
Concen: 12.976 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 5979
Ion Ratio Lower Upper
184 100
63 129.9 54.2 81.2#
154 725.9 184.0 276.0#

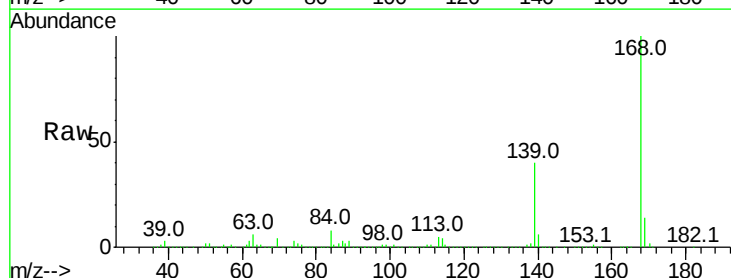


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

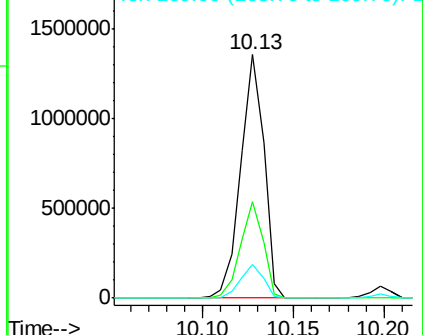
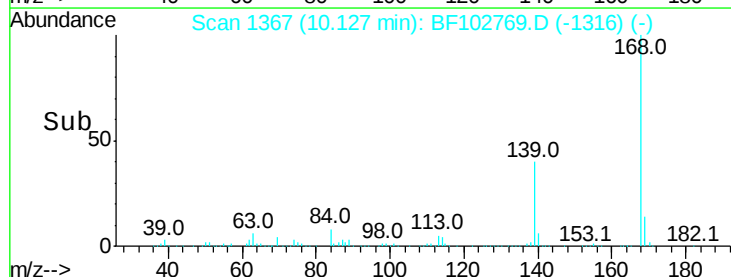


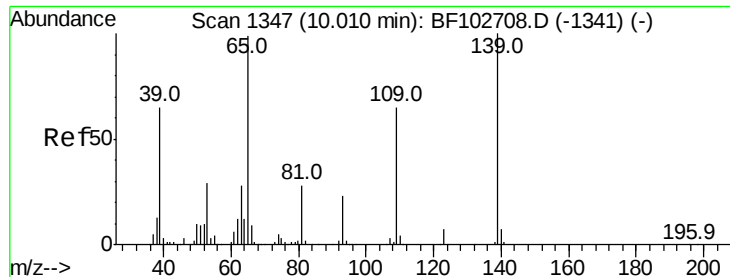
#54
Dibenzofuran
Concen: 32.249 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion:168 Resp: 1206326
Ion Ratio Lower Upper
168 100
139 39.7 30.1 45.1
169 14.0 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: 55.827 ng

RT: 10.03 min Scan# 1350

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

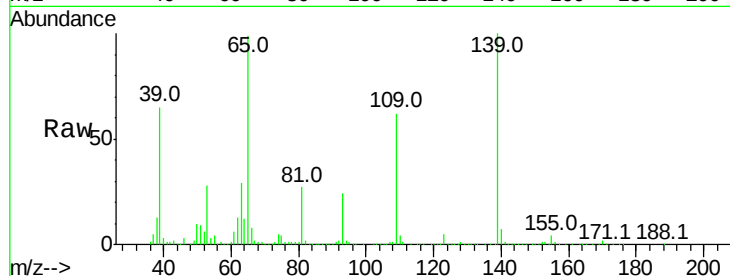
Tot Ion:139 Resp: 352613

Ion Ratio Lower Upper

139 100

109 61.7 48.4 88.4

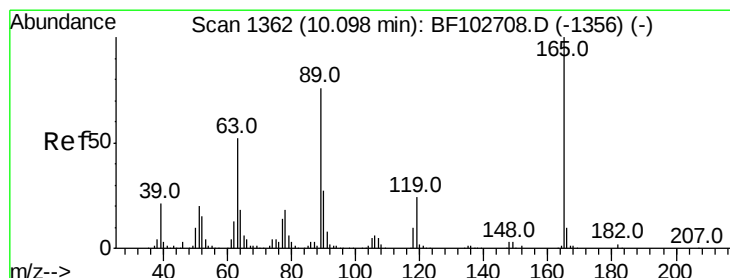
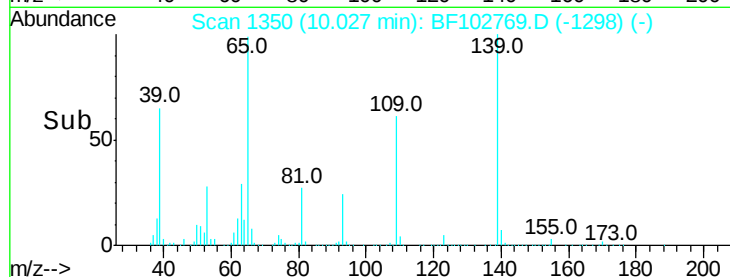
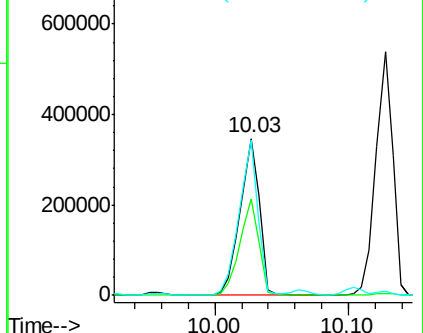
65 99.2 72.6 112.6



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: 34.196 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Tgt Ion:165 Resp: 285092

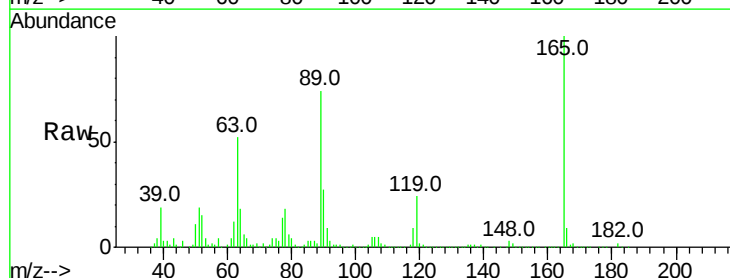
Ion Ratio Lower Upper

165 100

63 51.9 36.4 54.6

89 73.6 57.8 86.6

182 2.4 1.6 2.4#

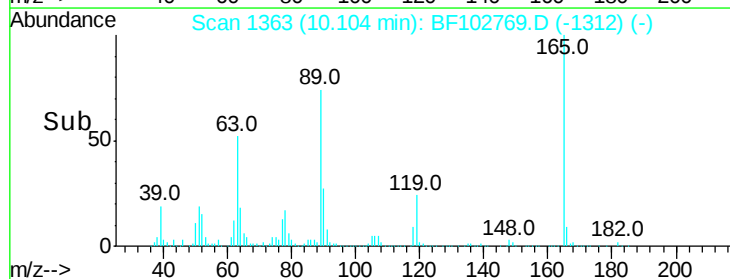
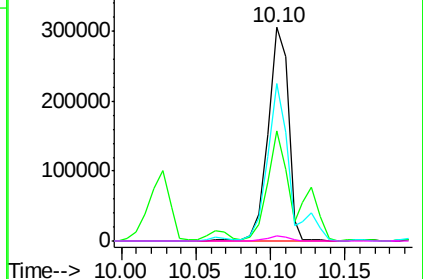


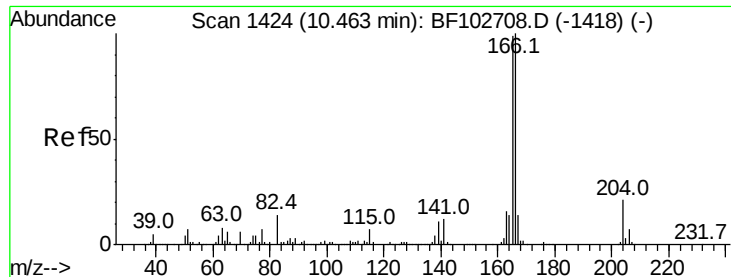
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

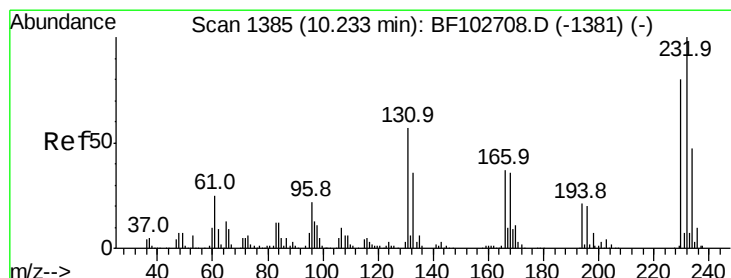
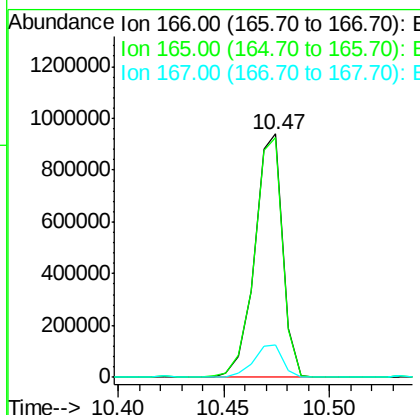
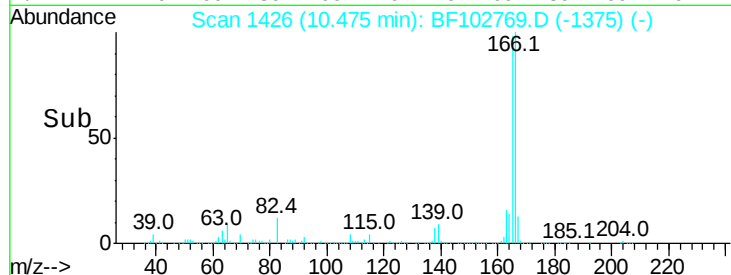
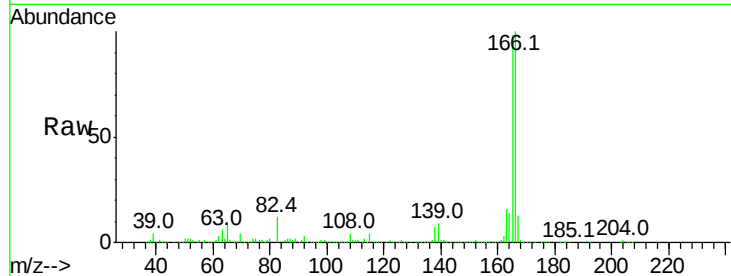




#57
 Fluorene
 Concen: 31.724 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

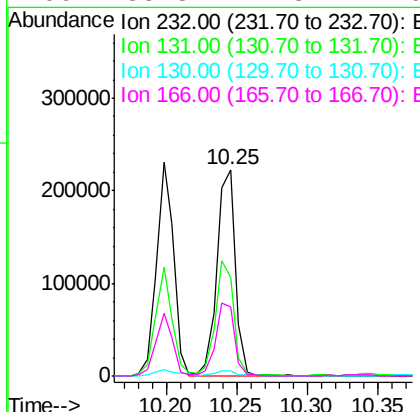
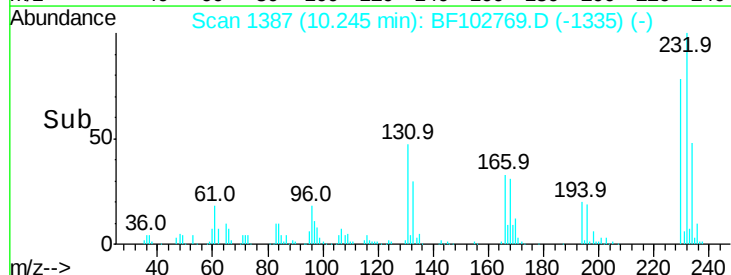
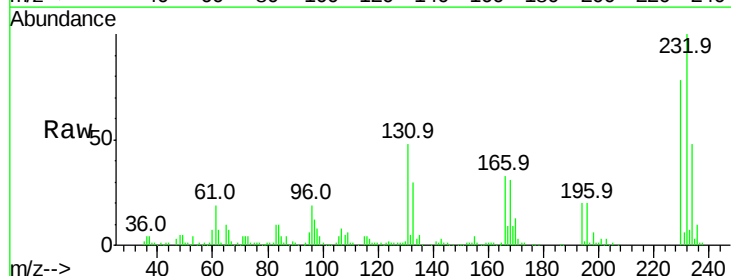
Instrument :
 BNA_F
 ClientSampleId :

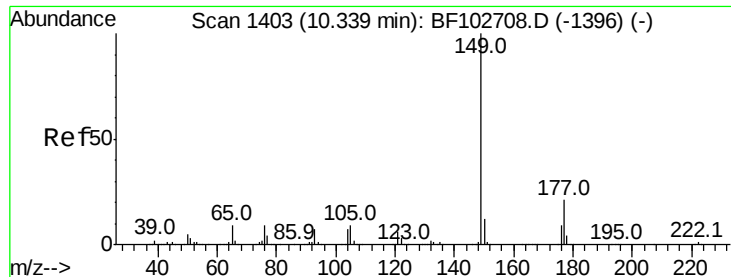
Tot Ion:166 Resp: 863416
 Ion Ratio Lower Upper
 166 100
 165 98.5 79.8 119.8
 167 13.4 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.822 ng
 RT: 10.25 min Scan# 1387
 Delta R.T. 0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion:232 Resp: 203636
 Ion Ratio Lower Upper
 232 100
 131 53.7 43.8 65.8
 130 3.3 2.1 3.1#
 166 35.8 27.8 41.6

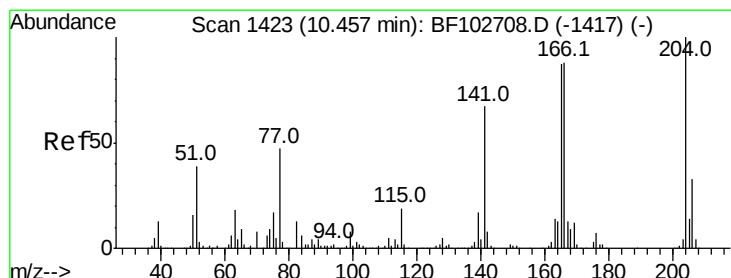
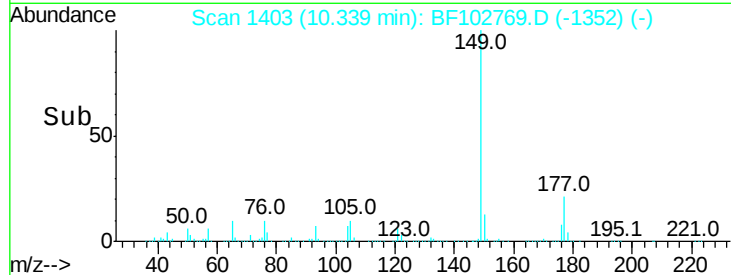
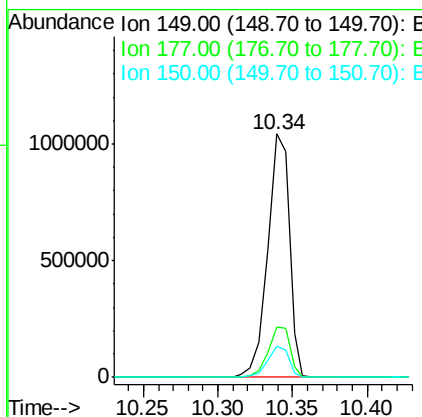
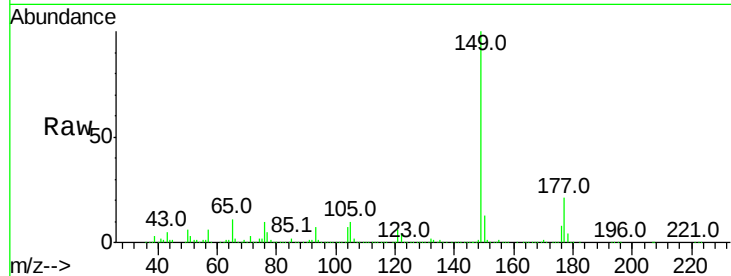




#59
Diethylphthalate
Concen: 31.493 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

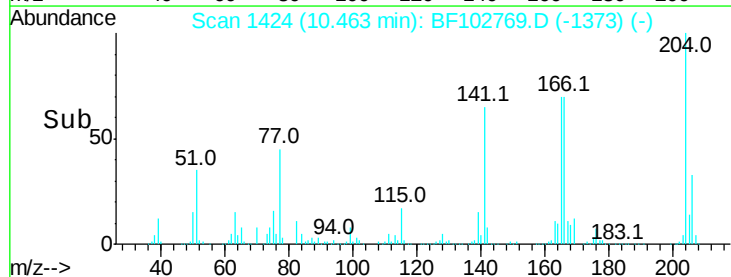
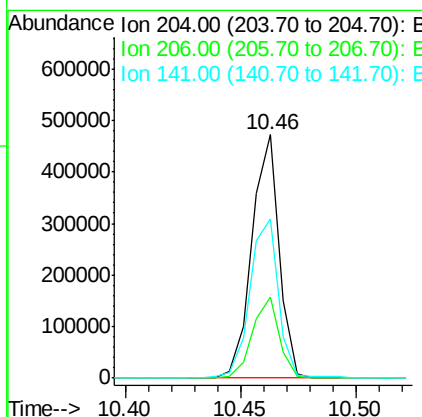
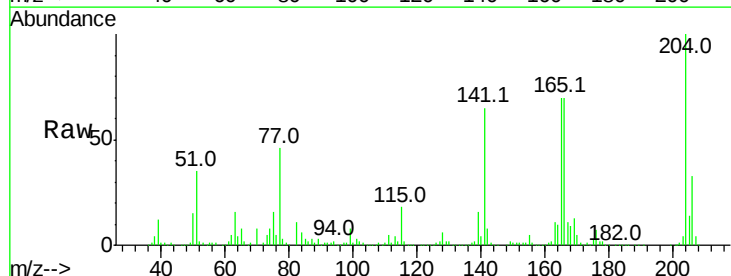
Instrument :
BNA_F
ClientSampled :

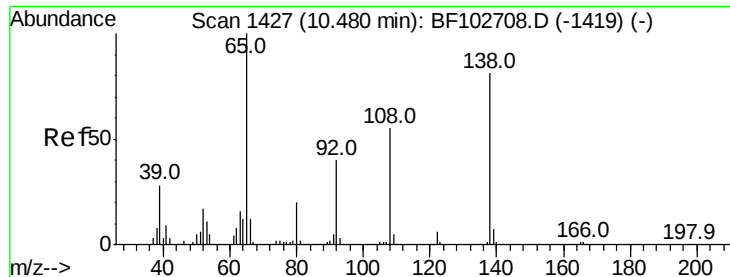
Tot Ion:149 Resp: 1044933
Ion Ratio Lower Upper
149 100
177 20.7 16.1 24.1
150 12.6 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 32.313 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion:204 Resp: 389042
Ion Ratio Lower Upper
204 100
206 33.2 26.5 39.7
141 65.4 54.6 81.8

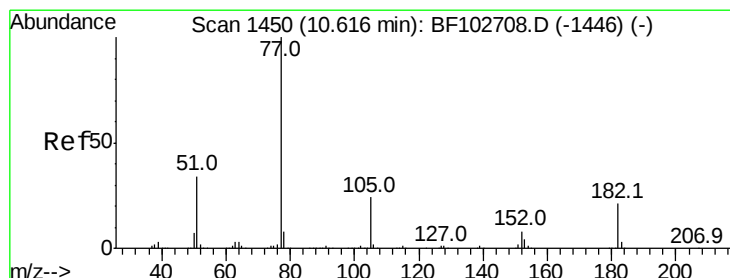
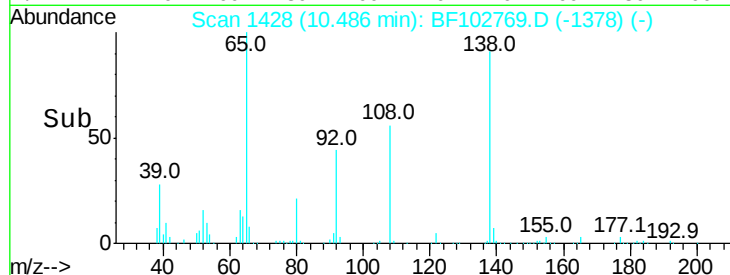
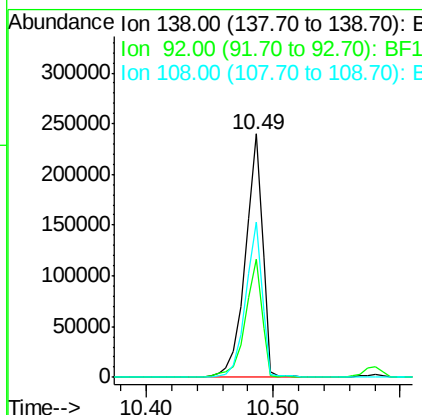
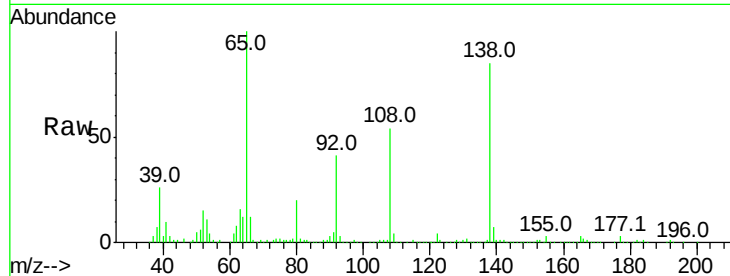




#61
4-Nitroaniline
Concen: 30.189 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

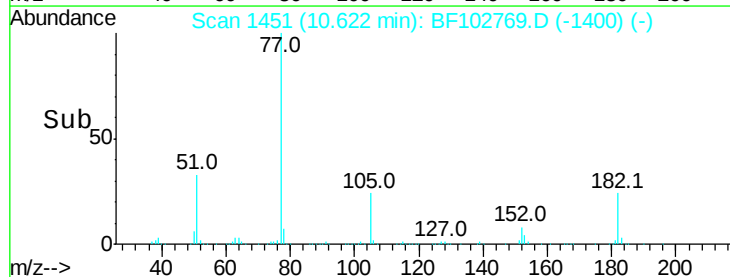
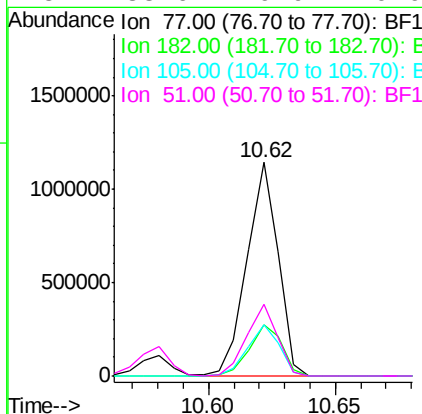
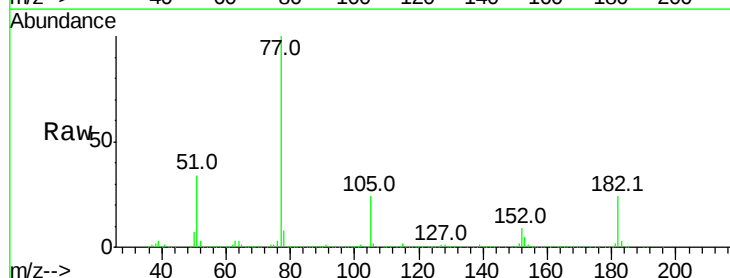
Instrument :
BNA_F
ClientSampleId :

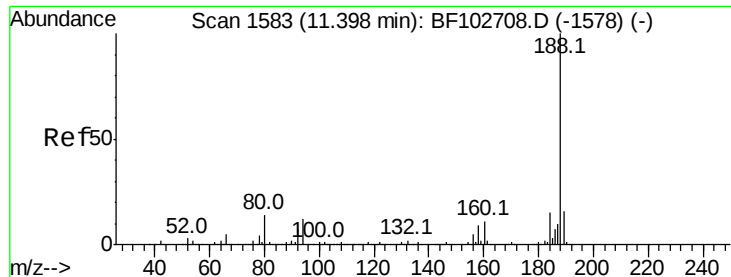
Tot Ion:138 Resp: 226040
Ion Ratio Lower Upper
138 100
92 48.5 30.2 70.2
108 63.9 52.5 92.5



#62
Azobenzene
Concen: 29.491 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion: 77 Resp: 977524
Ion Ratio Lower Upper
77 100
182 23.8 1.7 41.7
105 24.0 3.0 43.0
51 33.6 9.9 49.9

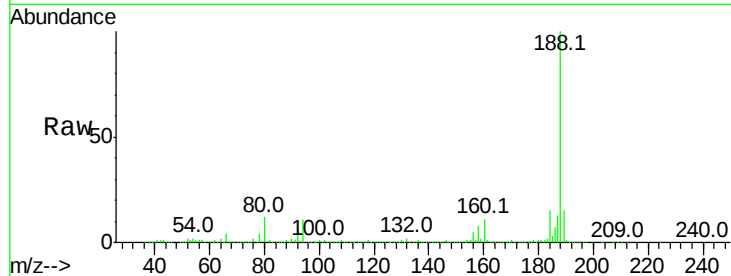




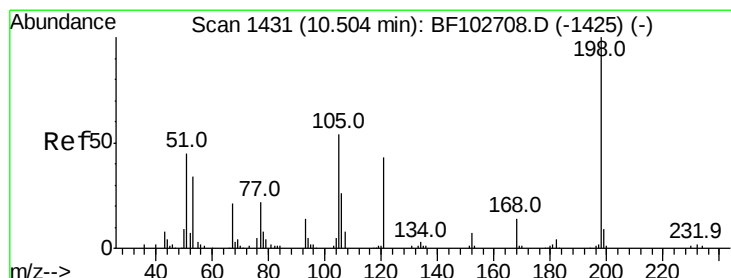
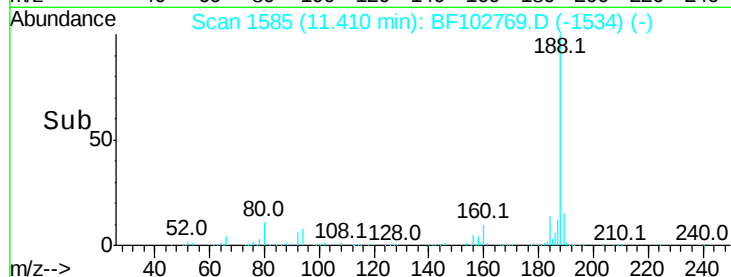
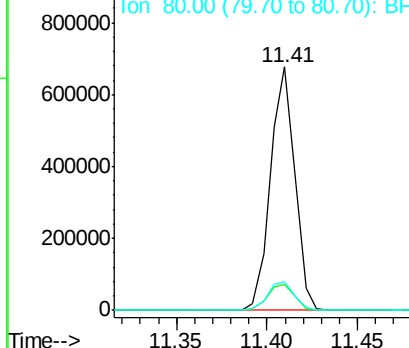
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 631157
 Ion Ratio Lower Upper
 188 100
 94 10.9 8.5 12.7
 80 11.8 9.2 13.8

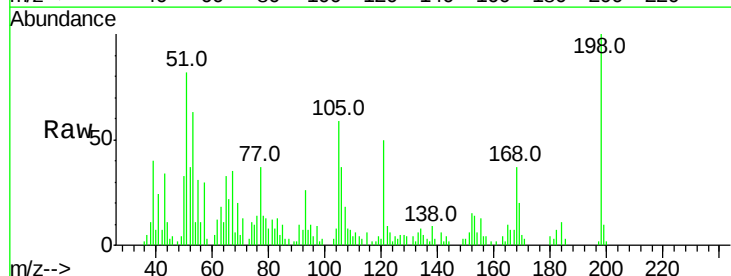


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

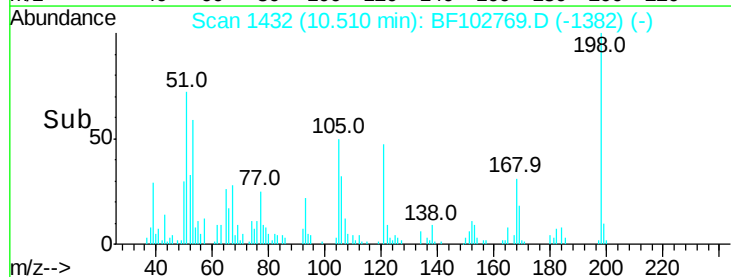
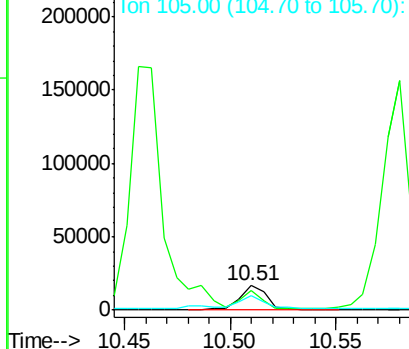


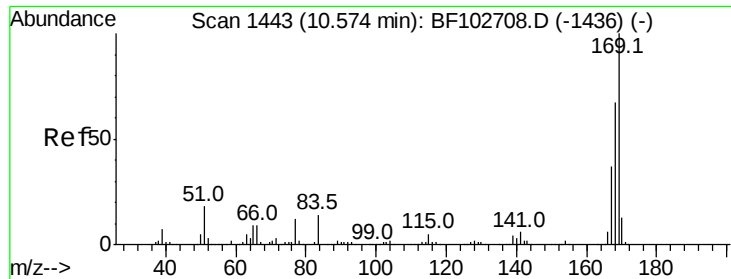
#64
 4,6-Dinitro-2-methylphenol
 Concen: 14.007 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion:198 Resp: 15038
 Ion Ratio Lower Upper
 198 100
 51 81.6 37.7 77.7#
 105 59.1 36.3 76.3



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





#65

n-Nitrosodiphenylamine

Concen: 36.418 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

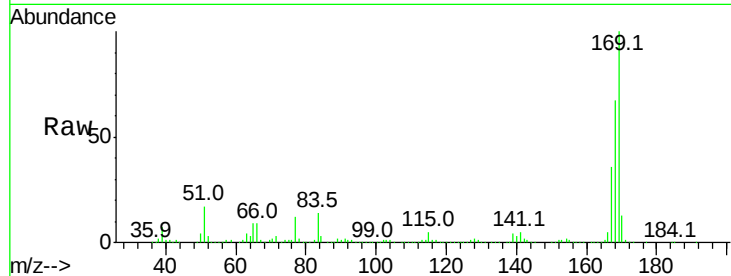
Tot Ion:169 Resp: 810762

Ion Ratio Lower Upper

169 100

168 66.7 54.4 81.6

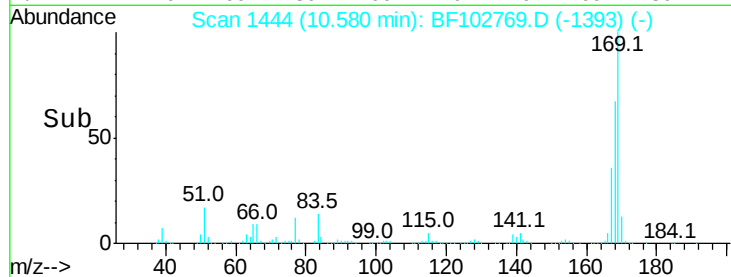
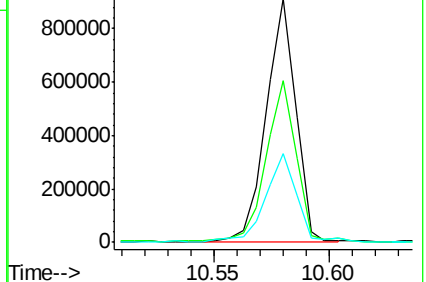
167 36.3 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.206 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

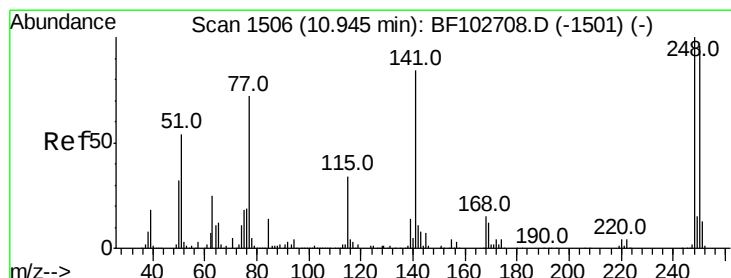
Tgt Ion:248 Resp: 241731

Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

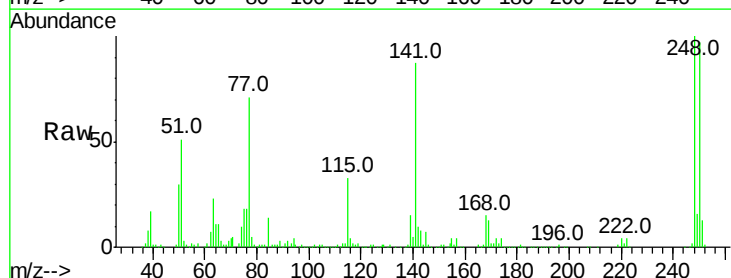
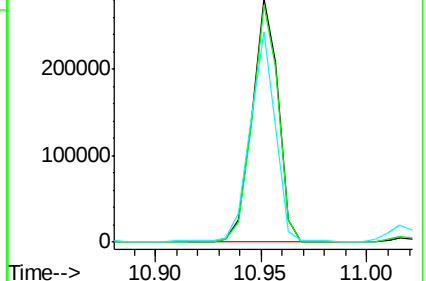
141 86.6 74.4 111.6

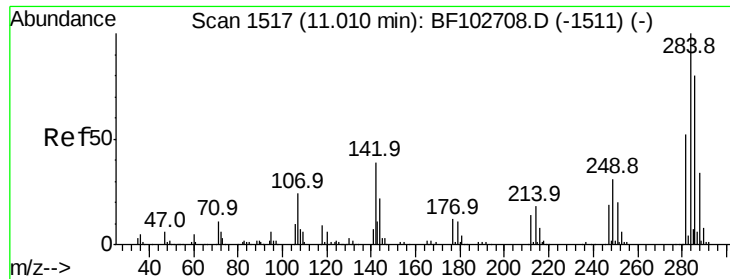


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

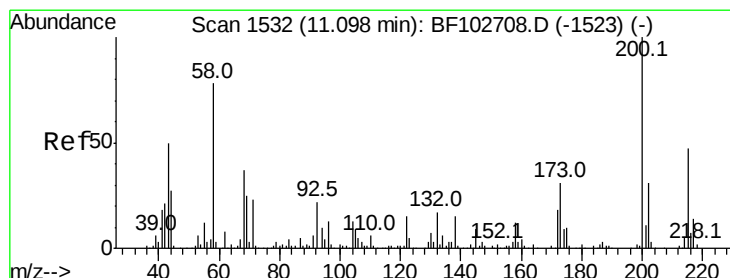
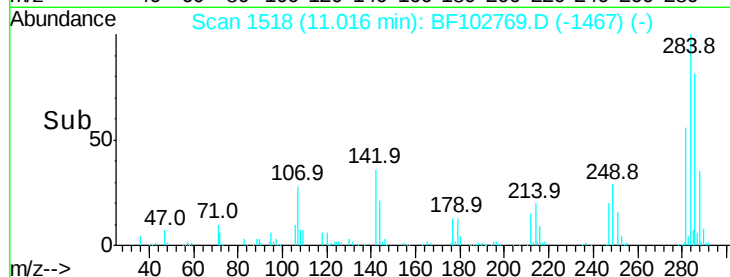
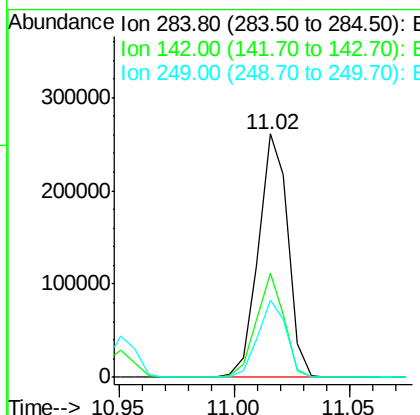
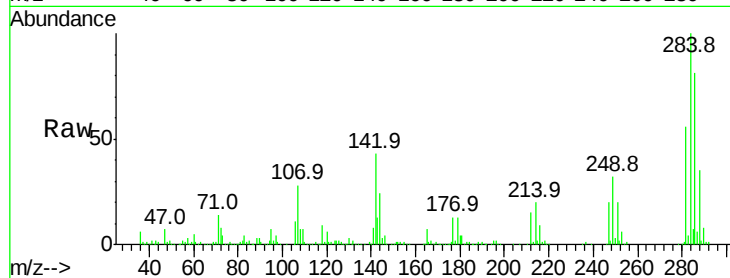




#67
Hexachlorobenzene
Concen: 31.534 ng
RT: 11.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

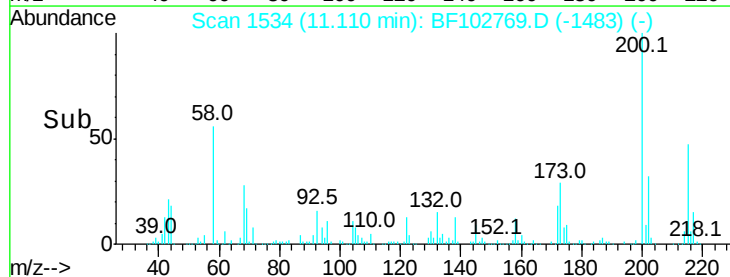
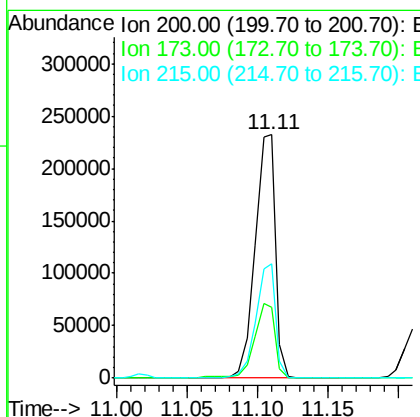
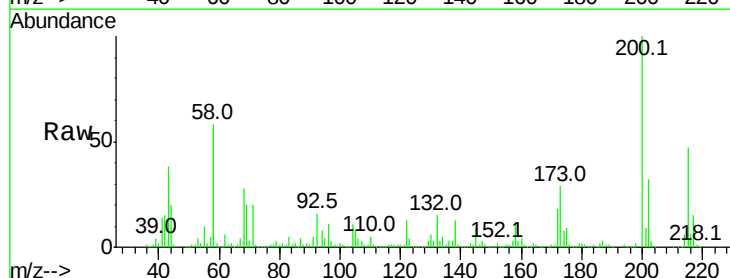
Instrument :
BNA_F
ClientSampleId :

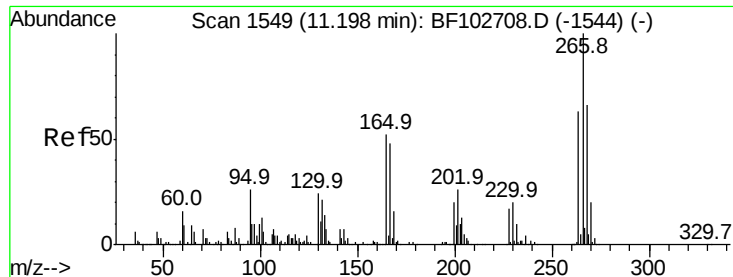
Tot Ion:284 Resp: 232263
Ion Ratio Lower Upper
284 100
142 42.8 34.6 52.0
249 31.9 24.8 37.2



#68
Atrazine
Concen: 36.100 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.00 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion:200 Resp: 237094
Ion Ratio Lower Upper
200 100
173 29.1 8.6 48.6
215 47.2 25.1 65.1

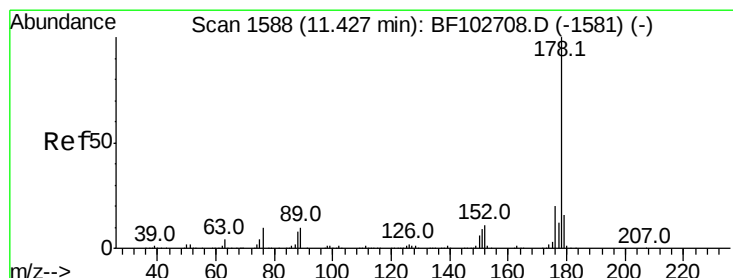
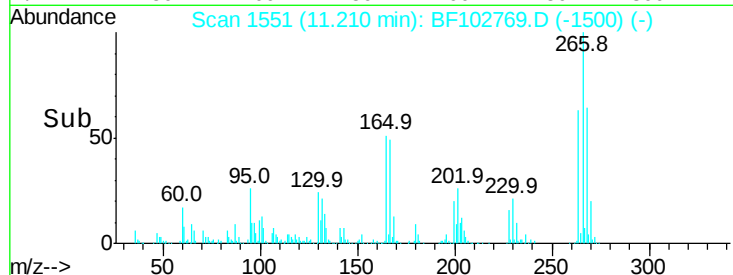
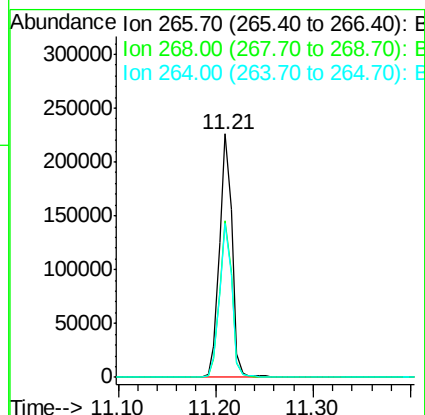
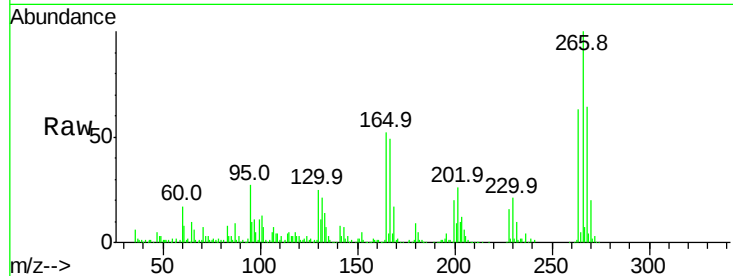




#69
 Pentachlorophenol
 Concen: 47.048 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

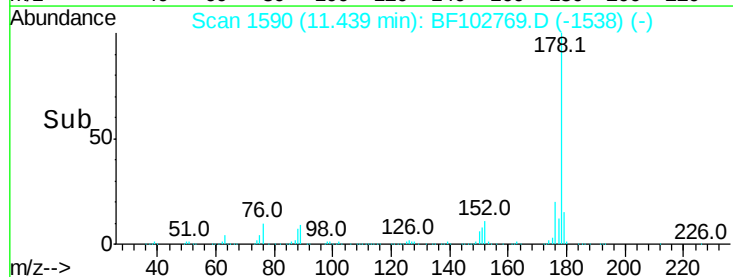
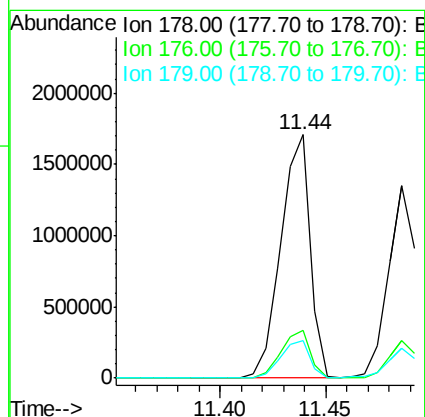
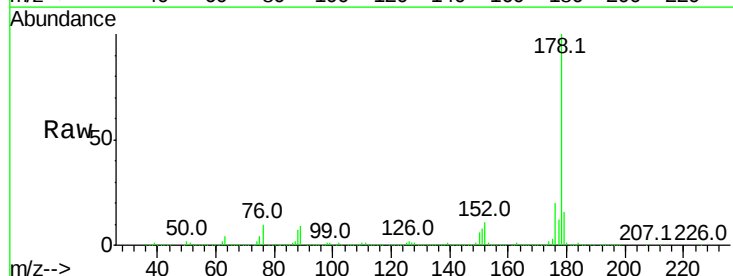
Instrument :
 BNA_F
 ClientSampleId :

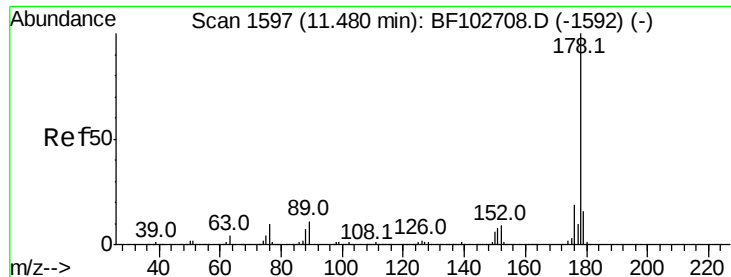
Tot Ion:266 Resp: 203416
 Ion Ratio Lower Upper
 266 100
 268 64.1 51.1 76.7
 264 63.3 49.5 74.3



#70
 Phenanthrene
 Concen: 47.146 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion:178 Resp: 1657231
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.6 13.0 19.6





#71

Anthracene

Concen: 34.212 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

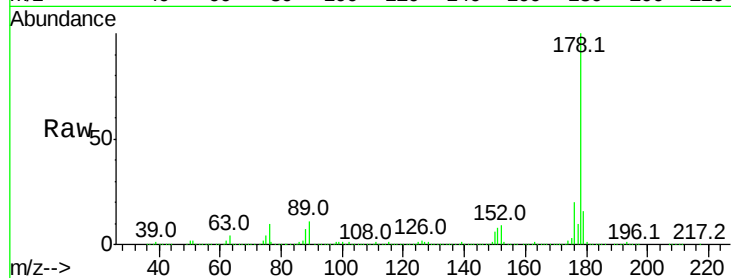
Tot Ion:178 Resp: 1223169

Ion Ratio Lower Upper

178 100

176 19.7 15.4 23.2

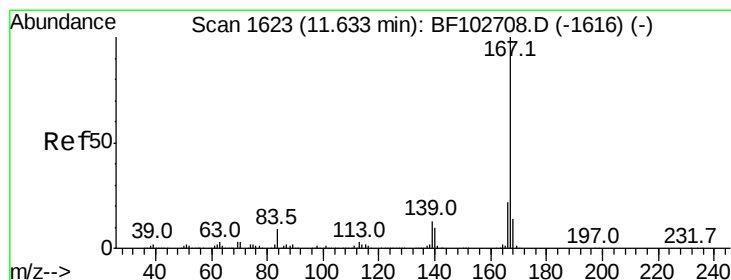
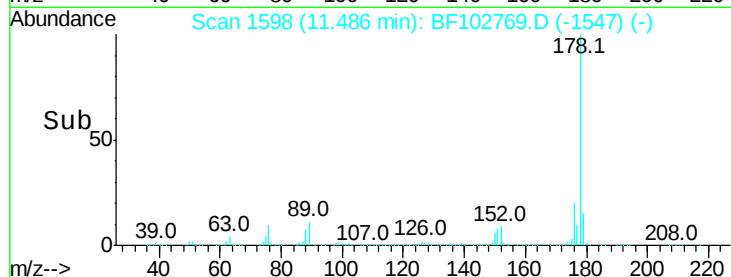
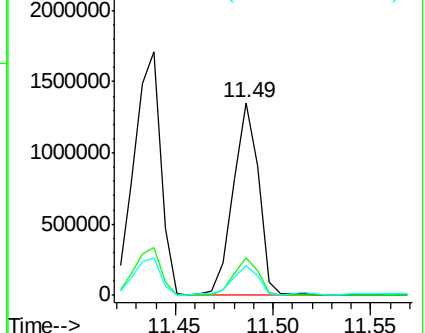
179 15.7 12.6 19.0



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: 29.846 ng

RT: 11.64 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

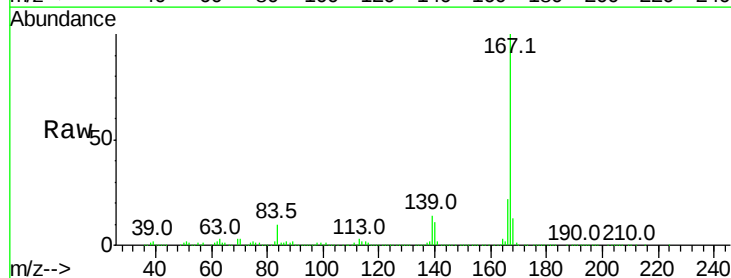
Tgt Ion:167 Resp: 1045370

Ion Ratio Lower Upper

167 100

166 22.0 17.6 26.4

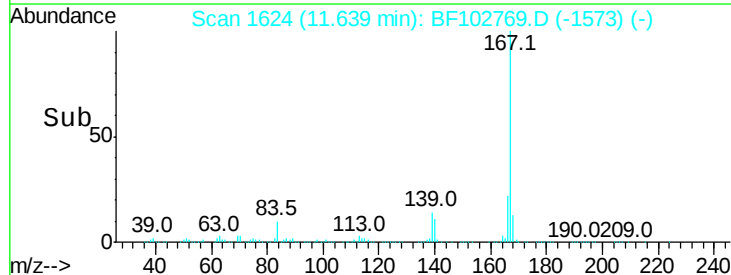
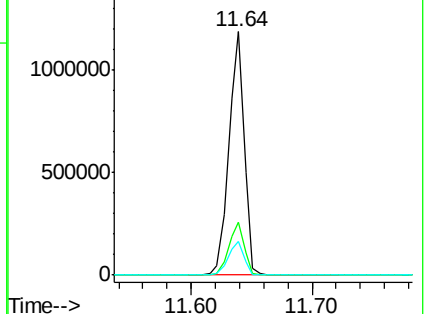
139 13.9 10.9 16.3

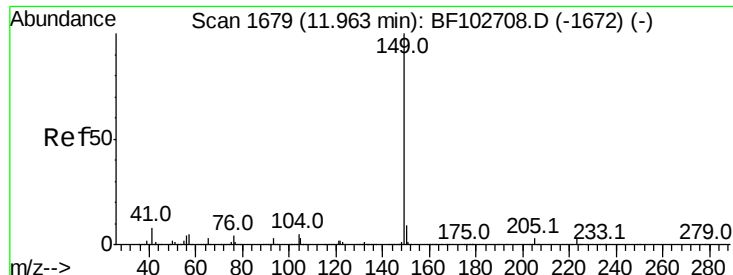


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.735 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

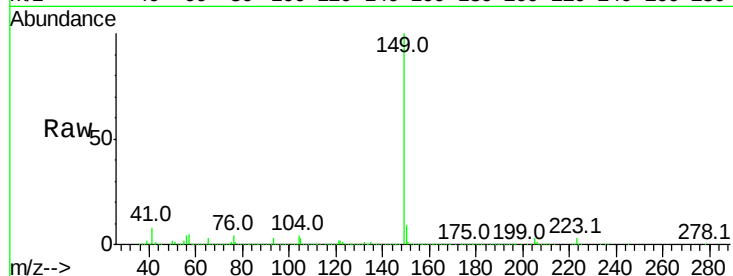
Tot Ion:149 Resp: 1477901

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

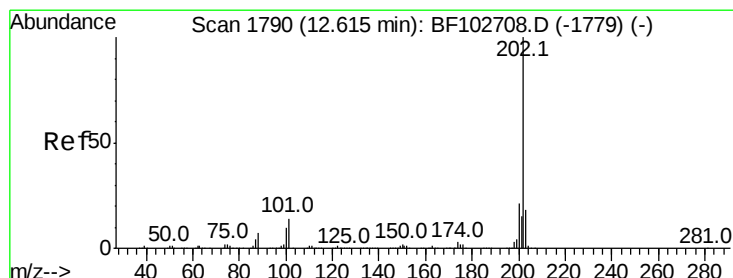
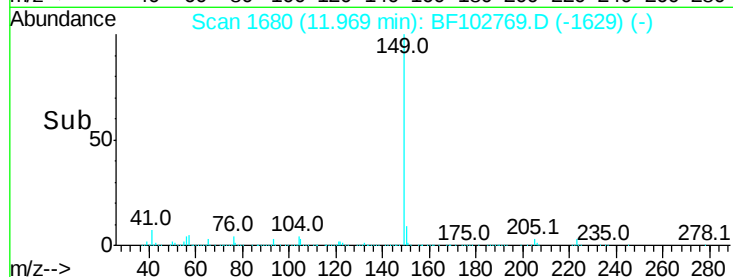
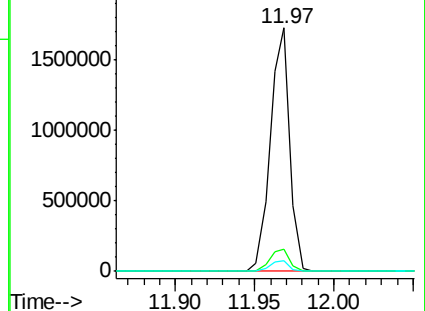
104 4.5 3.8 5.8



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: 47.235 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

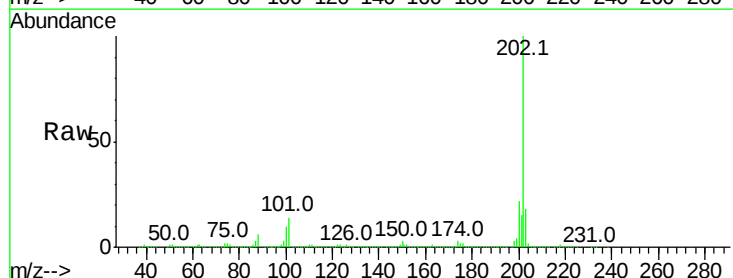
Tgt Ion:202 Resp: 1670536

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

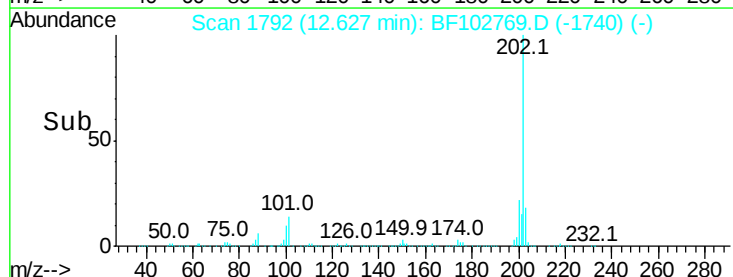
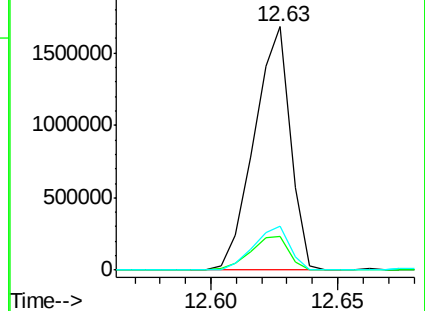
203 17.9 0.0 38.1

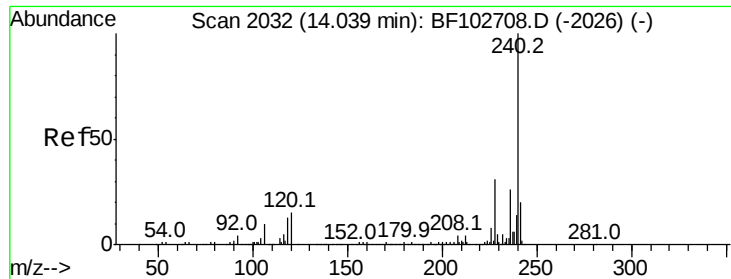


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampled :

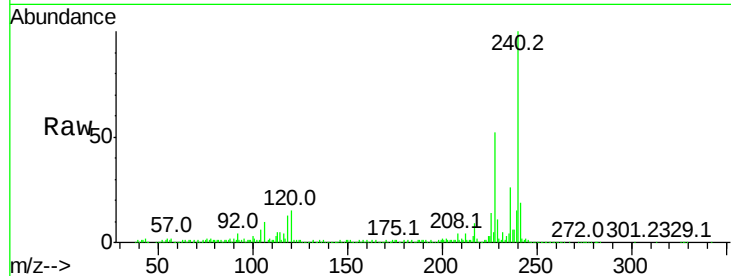
Tot Ion:240 Resp: 365710

Ion Ratio Lower Upper

240 100

120 14.8 9.5 14.3#

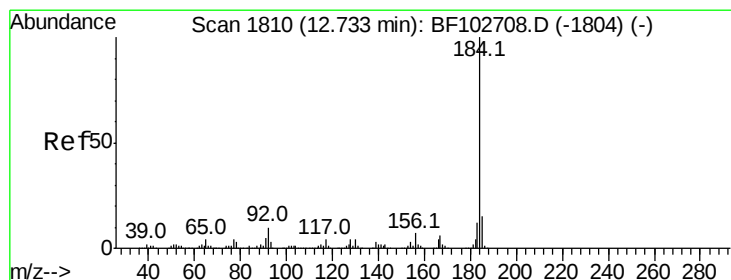
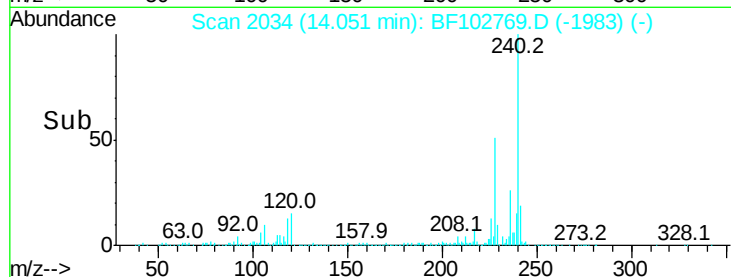
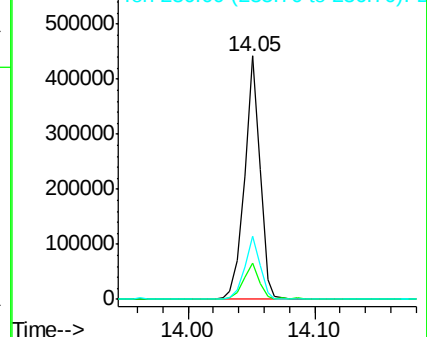
236 26.1 20.7 31.1



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: 14.370 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

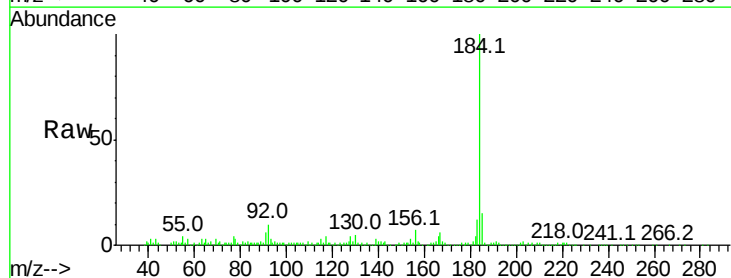
Tgt Ion:184 Resp: 241531

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

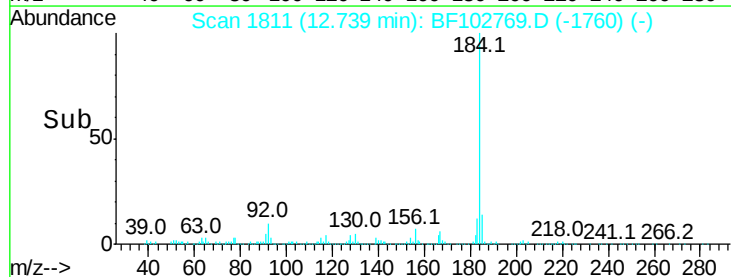
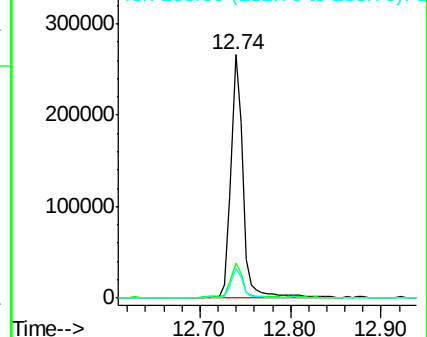
183 12.5 9.3 13.9

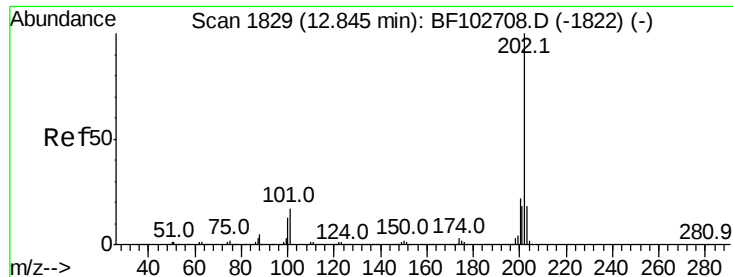


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

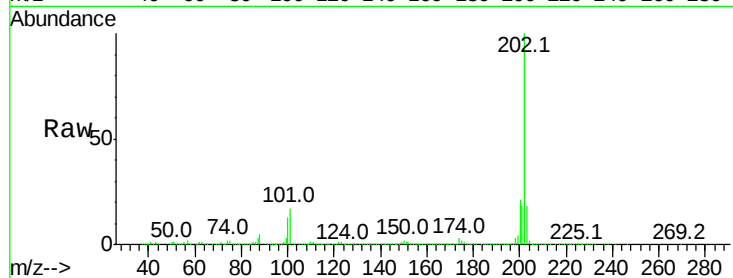




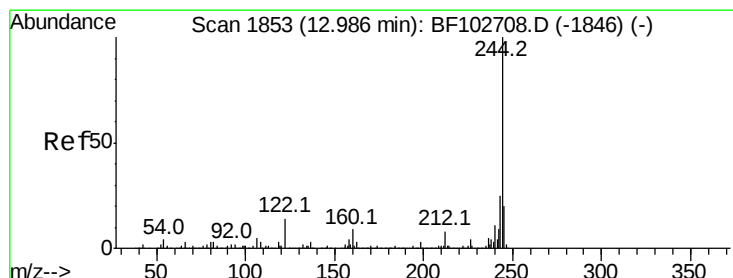
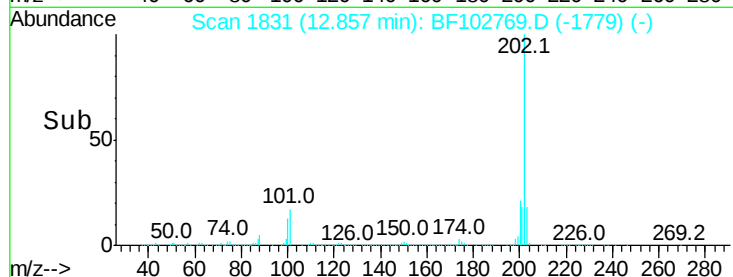
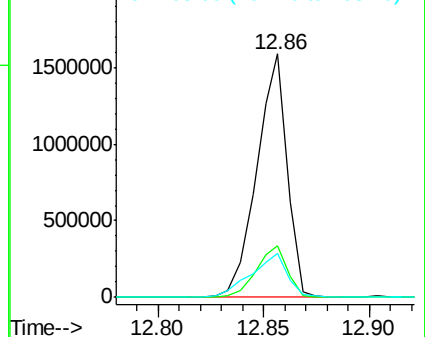
#77
Pvrene
Concen: 55.014 ng
RT: 12.86 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1577644
Ion Ratio Lower Upper
202 100
200 21.3 17.4 26.2
203 17.9 14.3 21.5

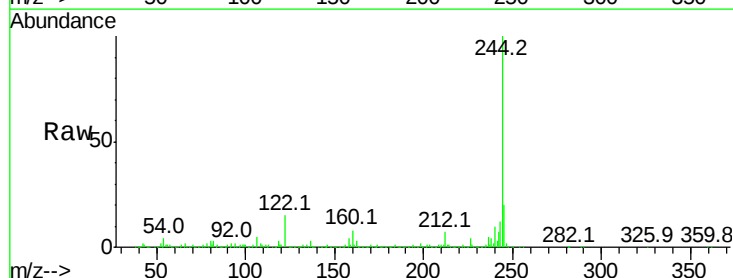


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

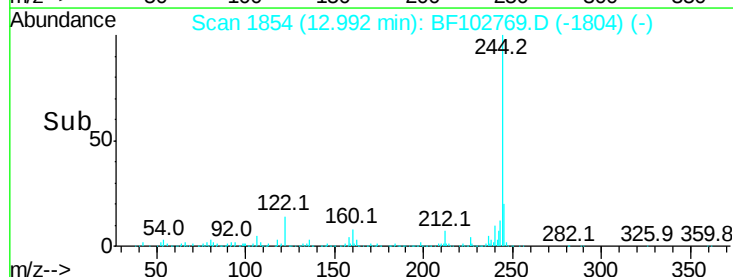
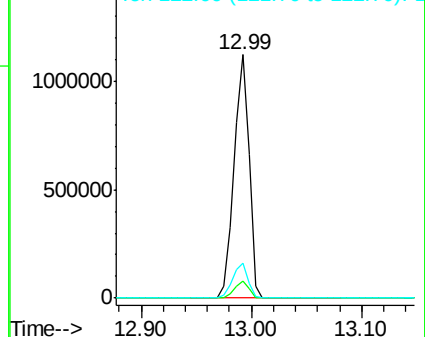


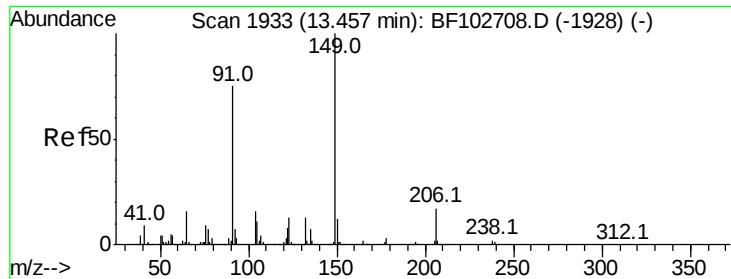
#78
Terphenyl-d14
Concen: 69.706 ng
RT: 12.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion:244 Resp: 1076625
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 14.5 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: 36.570 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

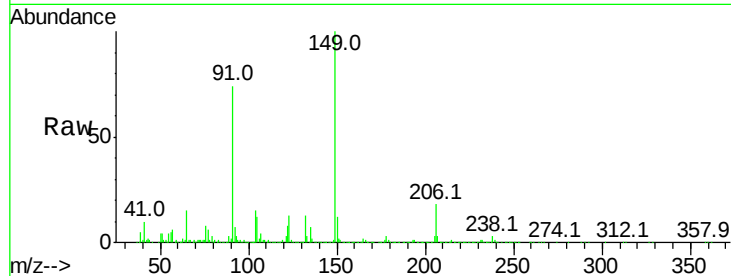
Tot Ion:149 Resp: 498231

Ion Ratio Lower Upper

149 100

91 74.2 56.8 85.2

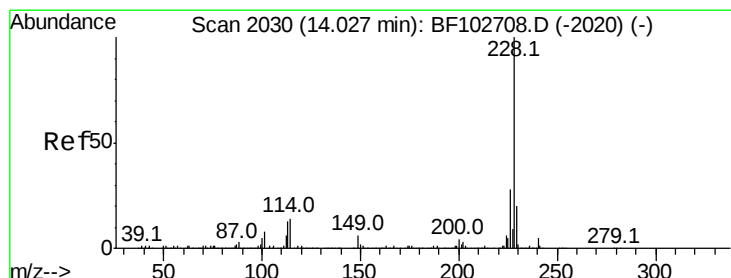
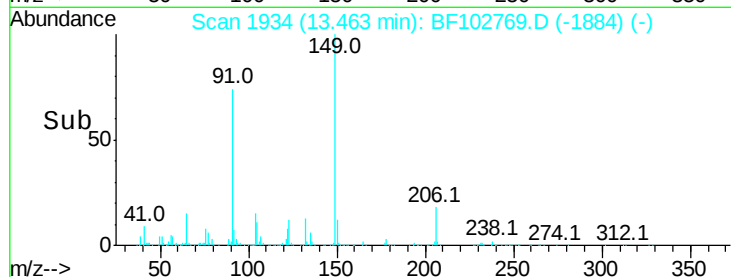
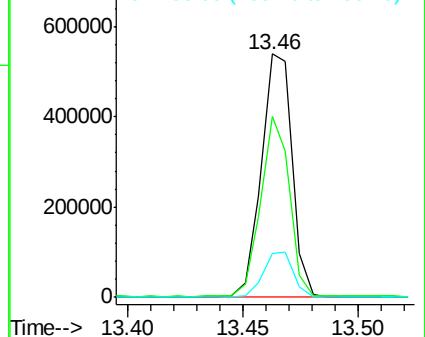
206 17.9 14.1 21.1



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: 47.118 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

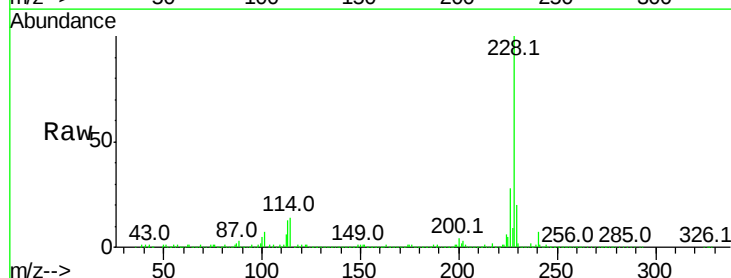
Tgt Ion:228 Resp: 1083690

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

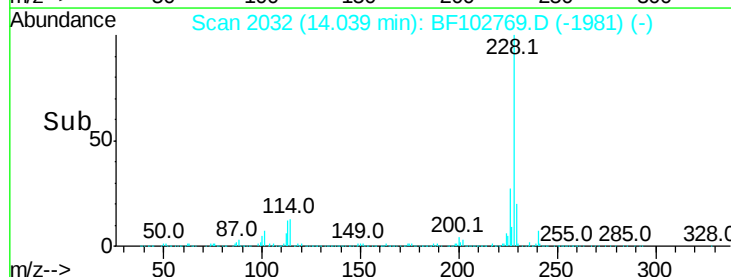
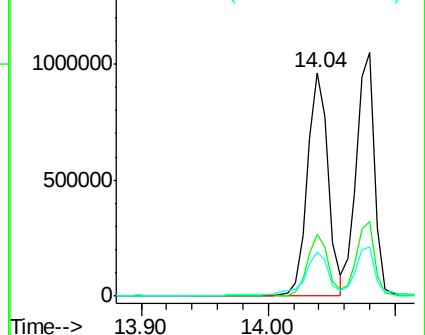
229 19.9 15.8 23.6

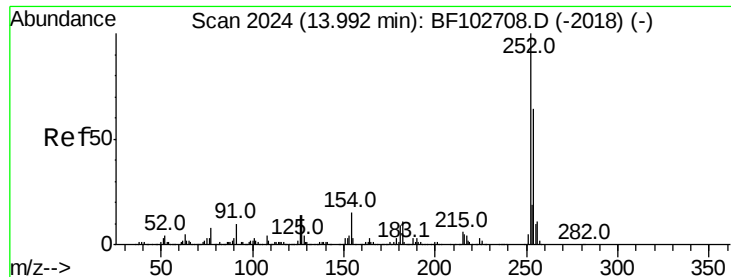


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 26.449 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

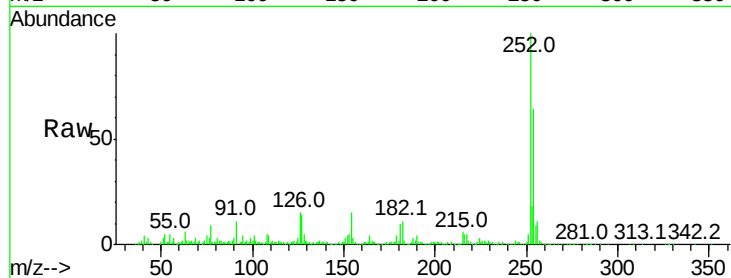
Tot Ion:252 Resp: 225551

Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.4	75.6
126	14.8	11.3	16.9

252 100

254 64.4 50.4 75.6

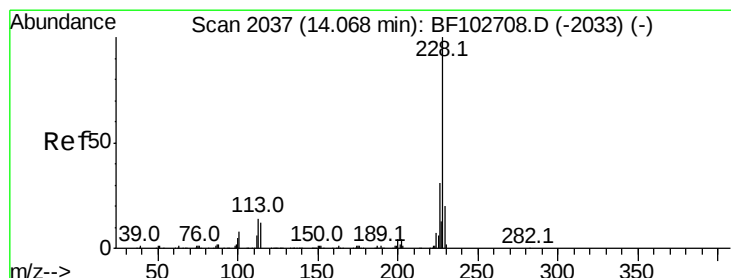
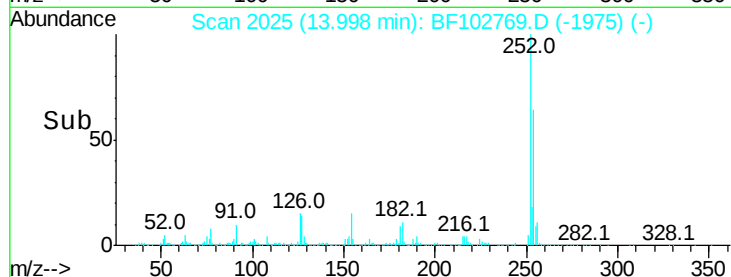
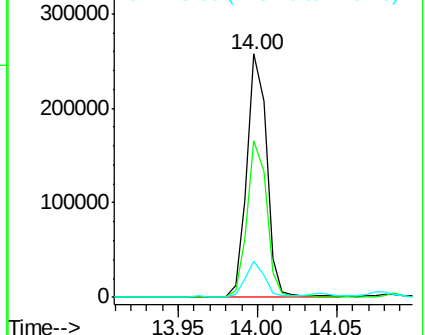
126 14.8 11.3 16.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 44.546 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

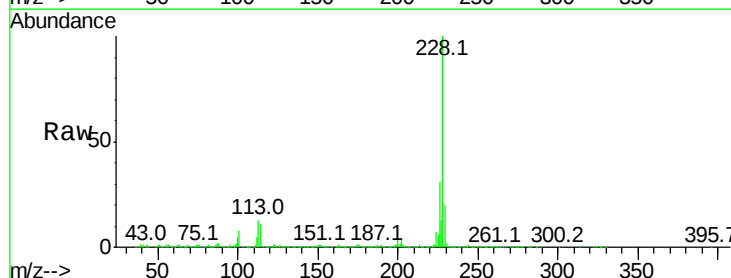
Tgt Ion:228 Resp: 1032794

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	20.2	16.2	24.4

228 100

226 30.6 25.0 37.6

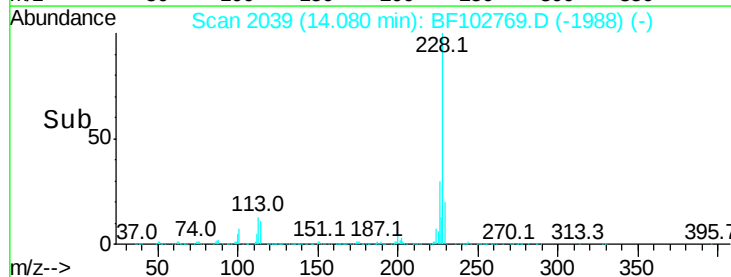
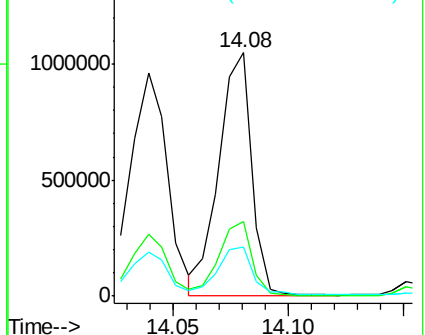
229 20.2 16.2 24.4

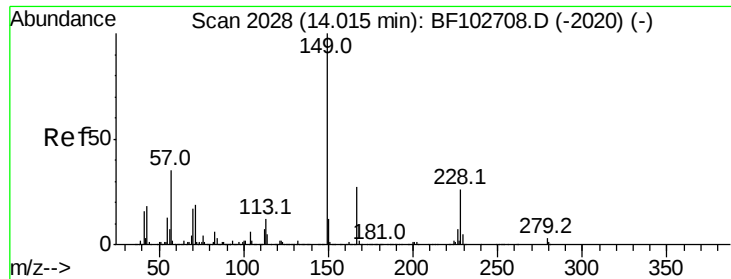


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 39.074 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

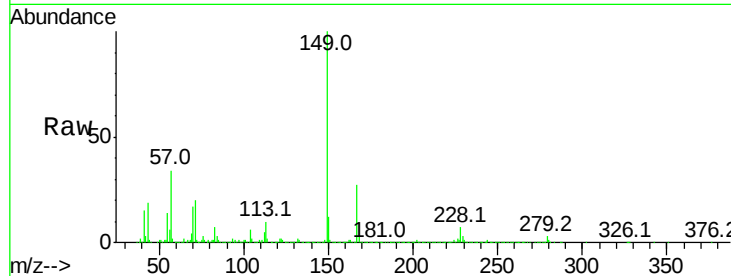
Tot Ion:149 Resp: 686438

Ion Ratio Lower Upper

149 100

167 26.8 21.3 31.9

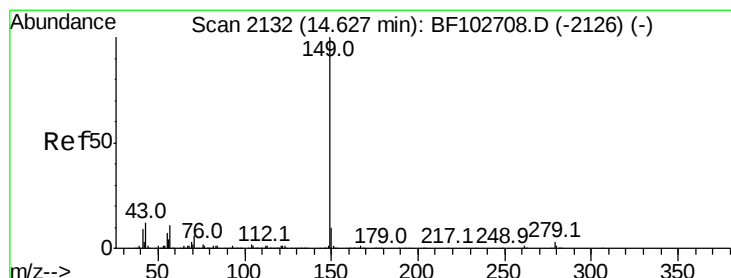
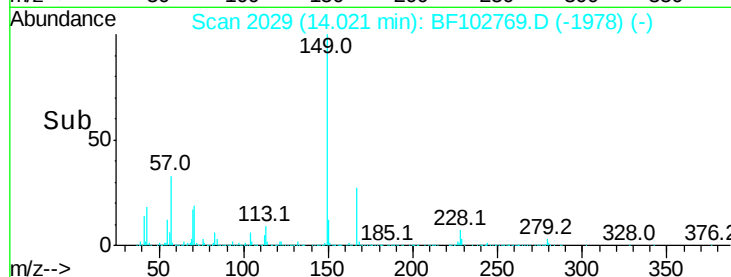
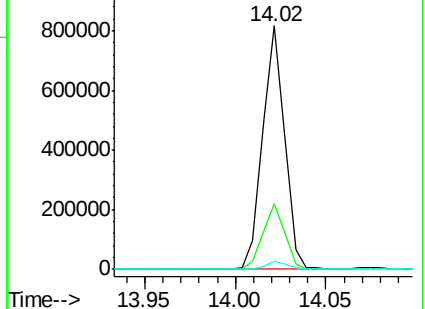
279 3.1 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 43.288 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

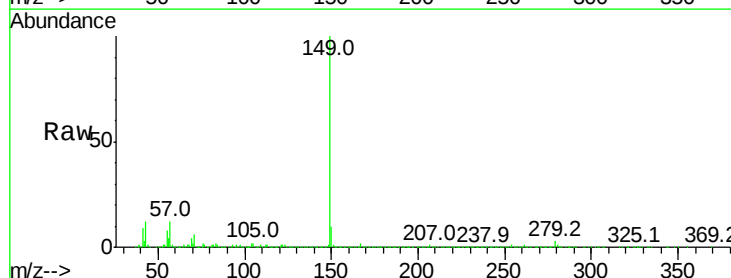
Tgt Ion:149 Resp: 1141860

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

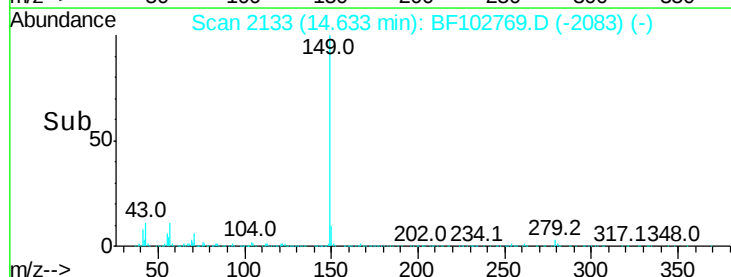
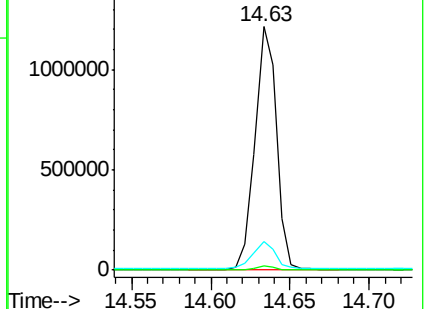
43 11.1 8.4 12.6

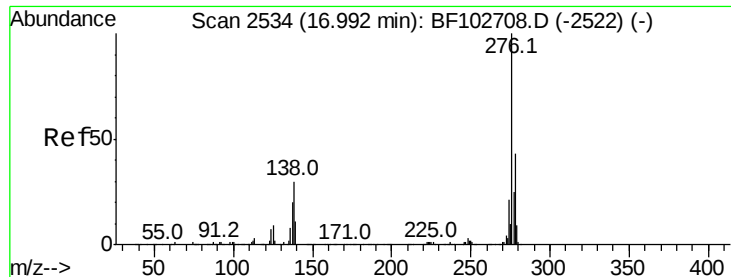


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

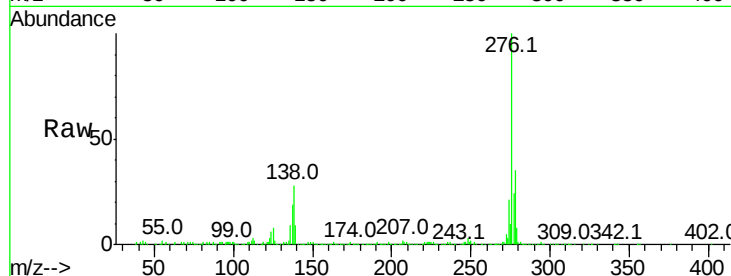




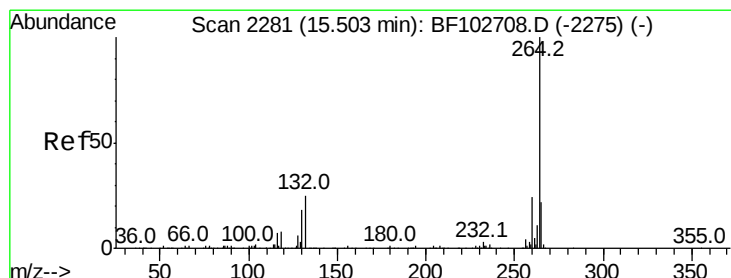
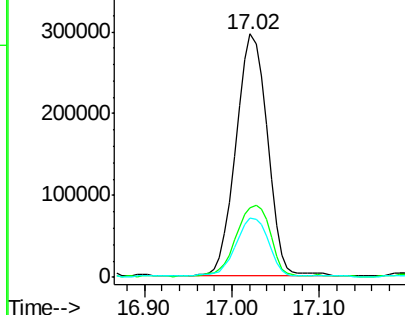
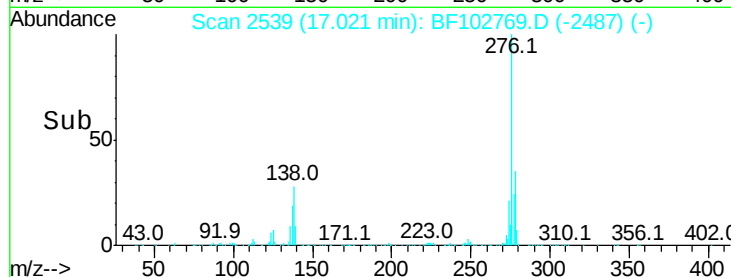
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.768 ng
 RT: 17.02 min Scan# 2539
 Delta R.T. 0.01 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 726241
 Ion Ratio Lower Upper
 276 100
 138 31.6 25.0 37.6
 277 25.1 20.1 30.1

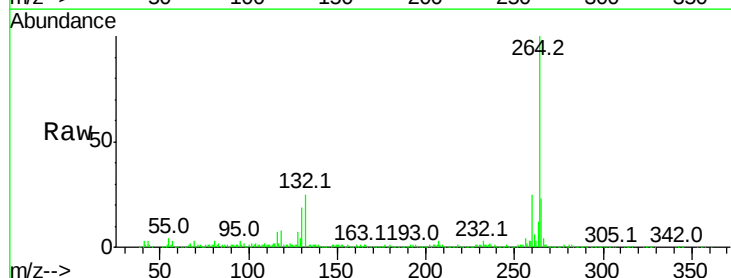


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

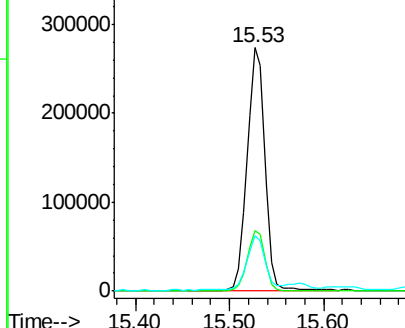
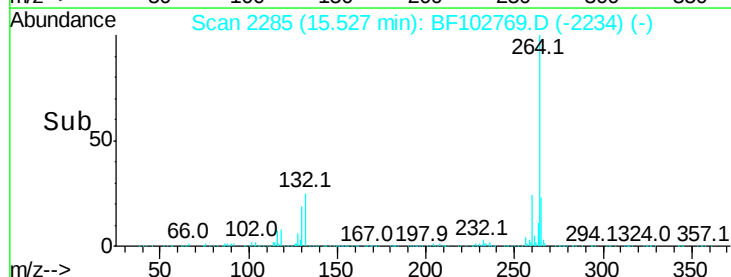


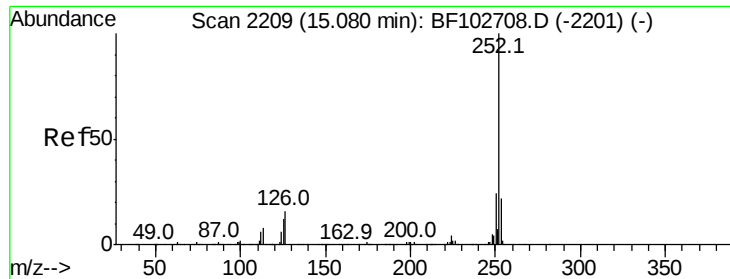
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: BF102769.D
 Acq: 6 Feb 2018 6:11

Tgt Ion:264 Resp: 363023
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.2 28.8
 265 22.8 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

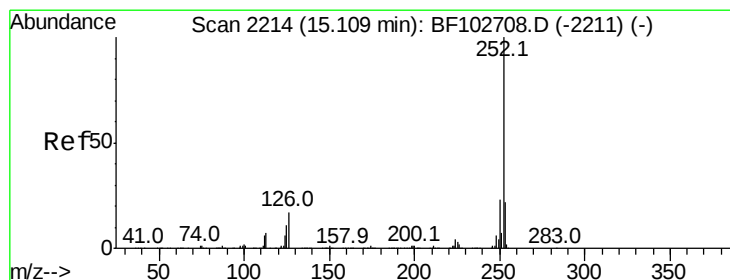
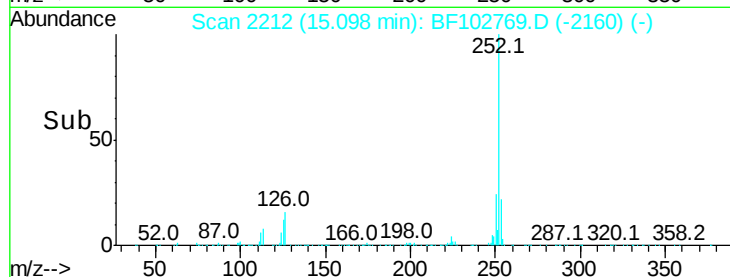
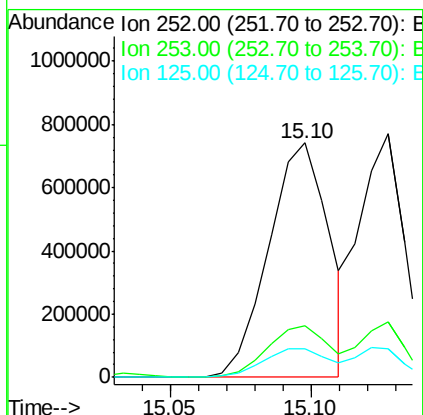
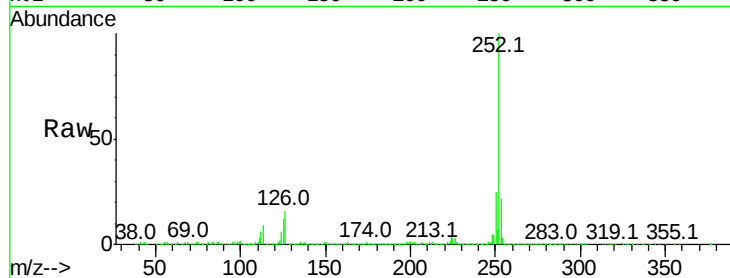




#87
Benzo(b)fluoranthene
Concen: 46.314 ng
RT: 15.10 min Scan# 2212
Delta R.T. 0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

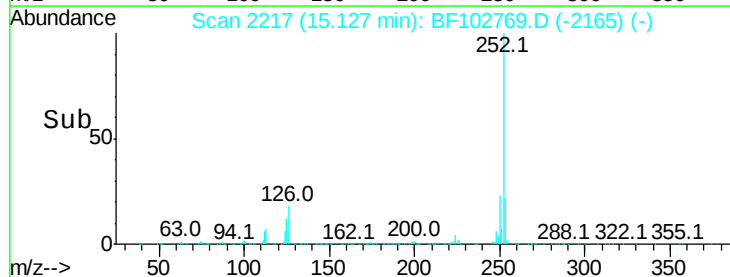
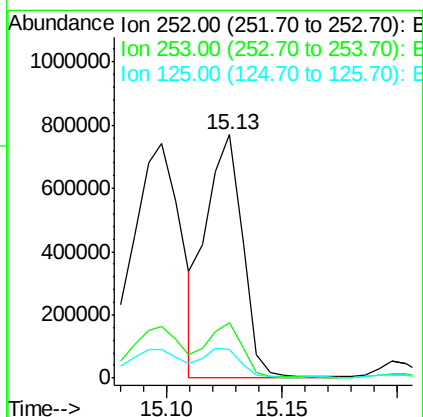
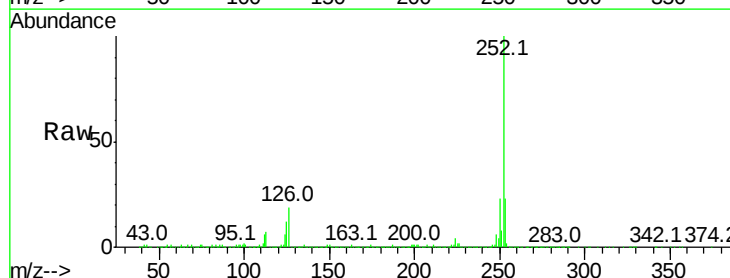
Instrument :
BNA_F
ClientSampleId :

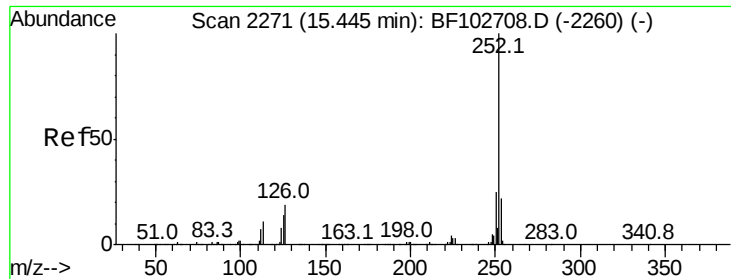
Tot Ion:252 Resp: 1090056
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 12.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.374 ng
RT: 15.13 min Scan# 2217
Delta R.T. 0.01 min
Lab File: BF102769.D
Acq: 6 Feb 2018 6:11

Tgt Ion:252 Resp: 840495
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 11.9 10.2 15.2





#89

Benzo(a)pyrene

Concen: 42.197 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

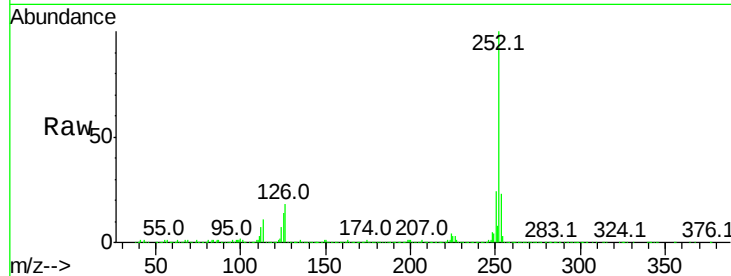
Tot Ion:252 Resp: 893952

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

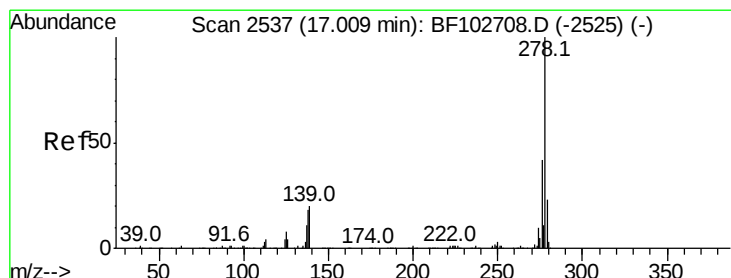
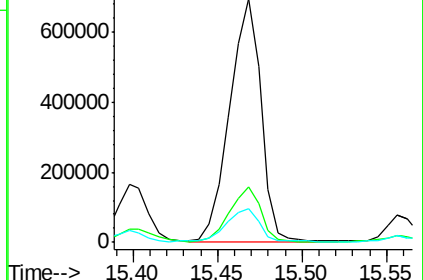
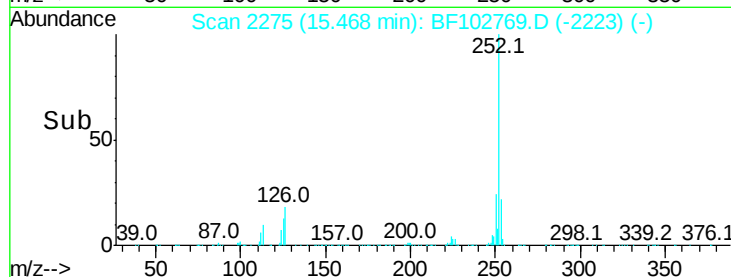
125 13.8 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 30.436 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

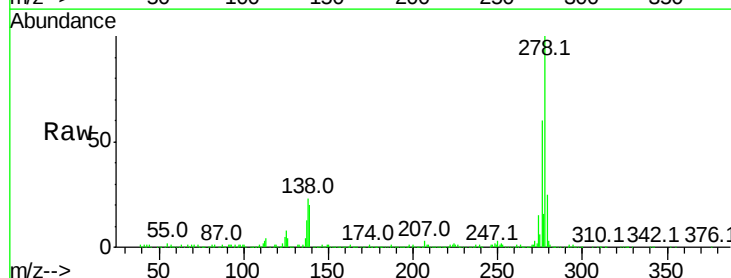
Tgt Ion:278 Resp: 523369

Ion Ratio Lower Upper

278 100

139 20.1 15.9 23.9

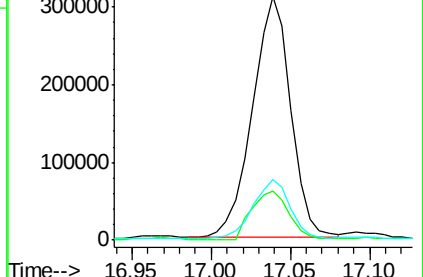
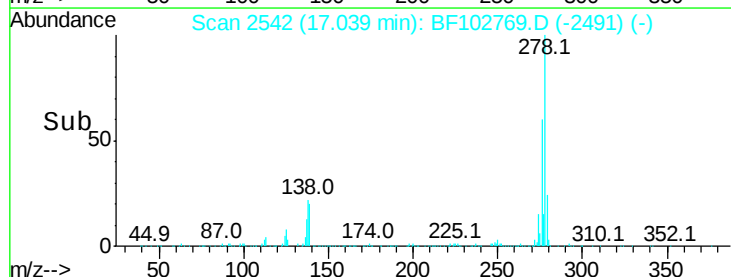
279 24.7 19.0 28.4

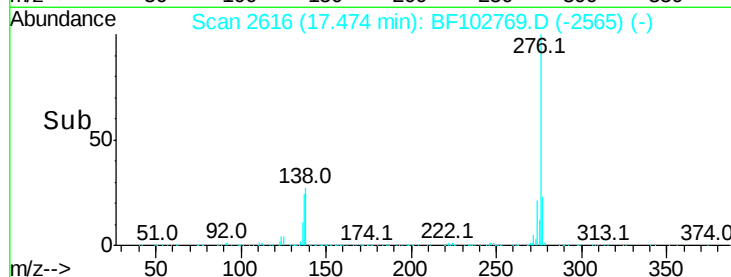
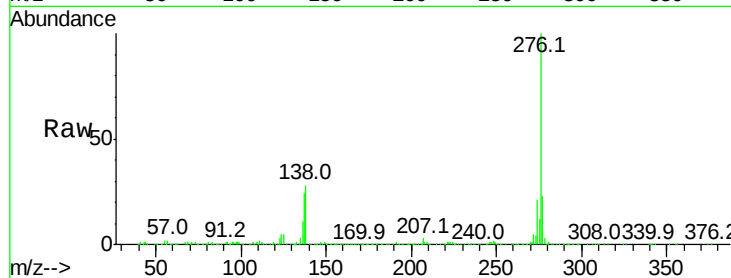
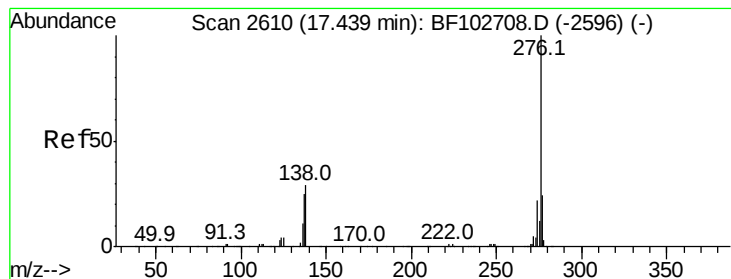


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.477 ng

RT: 17.47 min Scan# 2616

Delta R.T. -0.00 min

Lab File: BF102769.D

Acq: 6 Feb 2018 6:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 597109

Ion Ratio Lower Upper

276 100

277 23.2 17.9 26.9

138 27.5 21.8 32.8

