

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102818.D
 Acq On : 7 Feb 2018 17:05
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:17:00 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	175165	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	737473	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	333482	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	585851	20.00	ng	0.00
75) Chrysene-d12	14.05	240	437364	20.00	ng	0.00
86) Perylene-d12	15.53	264	377687	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	879884	76.29	ng	0.00
7) Phenol-d6	6.50	99	1049992	75.60	ng	0.00
23) Nitrobenzene-d5	7.45	82	938882	88.32	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	242009	90.16	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1569197	78.08	ng	0.00
78) Terphenyl-d14	12.99	244	1356701	73.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	221715	38.92	ng	88
3) Pyridine	3.42	79	621724	39.50	ng	90
4) n-Nitrosodimethylamine	3.37	42	243102	36.10	ng	97
6) Aniline	6.55	93	775140	37.79	ng	96
8) 2-Chlorophenol	6.67	128	463534	39.04	ng	99
9) Benzaldehyde	6.43	77	369719	35.85	ng	98
10) Phenol	6.52	94	579012	38.90	ng	98
11) bis(2-Chloroethyl)ether	6.62	93	464229	37.48	ng	92
12) 1,3-Dichlorobenzene	6.82	146	524592	38.15	ng	99
13) 1,4-Dichlorobenzene	6.90	146	518677	37.87	ng	99
14) 1,2-Dichlorobenzene	7.05	146	483756	37.92	ng	99
15) Benzyl Alcohol	7.02	79	413189	38.70	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	840859	35.74	ng	97
17) 2-Methylphenol	7.13	107	416075	37.99	ng	99
18) Hexachloroethane	7.39	117	186292	39.66	ng	92
19) n-Nitroso-di-n-propylamine	7.29	70	333864	36.46	ng	94
20) 3+4-Methylphenols	7.28	107	507087	37.54	ng	94
22) Acetophenone	7.29	105	655501	36.32	ng	# 96
24) Nitrobenzene	7.46	77	520249	41.60	ng	98
25) Isophorone	7.70	82	897466	36.66	ng	99
26) 2-Nitrophenol	7.78	139	259180	50.01	ng	98
27) 2,4-Dimethylphenol	7.81	122	375086	36.27	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	542144	37.39	ng	99
29) 2,4-Dichlorophenol	8.02	162	374330	39.82	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	398992	37.51	ng	99
31) Naphthalene	8.19	128	1345276	37.34	ng	99
32) Benzoic acid	7.92	122	240688	36.84	ng	99
33) 4-Chloroaniline	8.23	127	591424	38.10	ng	98
34) Hexachlorobutadiene	8.30	225	206421	37.88	ng	99
35) Caprolactam	8.61	113	129019	39.52	ng	# 80
36) 4-Chloro-3-methylphenol	8.71	107	413181	39.11	ng	98
37) 2-Methylnaphthalene	8.88	142	879274	37.27	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	350175	38.56	ng	98
40) Hexachlorocyclopentadiene	9.03	237	179443	41.57	ng	97

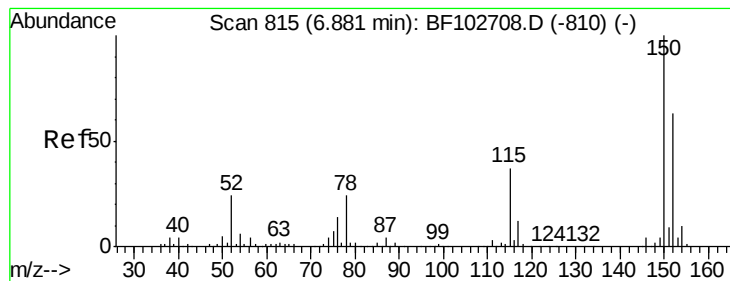
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020718\
 Data File : BF102818.D
 Acq On : 7 Feb 2018 17:05
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 02:17:00 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)
42) 2,4,6-Trichlorophenol	9.15	196	247458	41.49	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	285536	42.48	nq	97
45) 1,1'-Biphenyl	9.35	154	1062071	37.81	nq	99
46) 2-Chloronaphthalene	9.37	162	846150	38.26	nq	99
47) 2-Nitroaniline	9.46	65	307338	45.25	nq	93
48) Acenaphthylene	9.79	152	1305105	38.00	nq	99
49) Dimethylphthalate	9.64	163	1000935	38.49	nq	99
50) 2,6-Dinitrotoluene	9.70	165	220624	44.60	nq	94
51) Acenaphthene	9.96	154	793997	38.66	nq	99
52) 3-Nitroaniline	9.87	138	273634	44.95	nq	98
53) 2,4-Dinitrophenol	9.97	184	68768	54.16	nq	# 20
54) Dibenzofuran	10.13	168	1098718	37.96	nq	98
55) 4-Nitrophenol	10.02	139	196373	41.31	nq	91
56) 2,4-Dinitrotoluene	10.10	165	294408	44.61	nq	96
57) Fluorene	10.47	166	836659	39.73	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	200658	43.07	nq	100
59) Diethylphthalate	10.34	149	980476	38.19	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	367884	39.49	nq	97
61) 4-Nitroaniline	10.49	138	265496	45.82	nq	95
62) Azobenzene	10.62	77	954029	37.20	nq	96
64) 4,6-Dinitro-2-methylphenol	10.51	198	131864	52.39	nq	91
65) n-Nitrosodiphenylamine	10.58	169	777900	37.64	nq	100
66) 4-Bromophenyl-phenylether	10.95	248	237638	38.35	nq	95
67) Hexachlorobenzene	11.02	284	260556	38.11	nq	98
68) Atrazine	11.10	200	239627	39.31	nq	98
69) Pentachlorophenol	11.21	266	159812	39.82	nq	98
70) Phenanthrene	11.43	178	1213141	37.18	nq	99
71) Anthracene	11.49	178	1245825	37.54	nq	100
72) Carbazole	11.64	167	1218837	37.49	nq	99
73) Di-n-butylphthalate	11.96	149	1538368	38.95	nq	100
74) Fluoranthene	12.62	202	1254144	38.20	nq	98
76) Benzidine	12.74	184	639383	31.81	nq	99
77) Pyrene	12.85	202	1291679	37.66	nq	100
79) Butylbenzylphthalate	13.46	149	664524	40.67	nq	99
80) Benzo(a)anthracene	14.04	228	1066457	38.77	nq	100
81) 3,3'-Dichlorobenzidine	14.00	252	408033	40.01	nq	99
82) Chrysene	14.08	228	1036217	37.37	nq	99
83) Bis(2-ethylhexyl)phthalate	14.02	149	889292	42.33	nq	99
84) Di-n-octyl phthalate	14.63	149	1310662	41.55	nq	99
85) Indeno(1,2,3-cd)pyrene	17.02	276	812684	35.34	nq	99
87) Benzo(b)fluoranthene	15.09	252	924555	37.76	nq	96
88) Benzo(k)fluoranthene	15.12	252	956100	40.86	nq	99
89) Benzo(a)pyrene	15.46	252	855441	38.81	nq	# 96
90) Dibenzo(a,h)anthracene	17.04	278	679807	38.00	nq	98
91) Benzo(g,h,i)perylene	17.47	276	679140	38.78	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 815

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

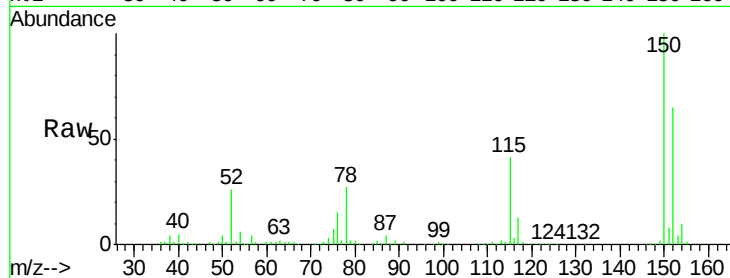
Tot Ion:152 Resp: 175165

Ion Ratio Lower Upper

152 100

150 154.8 124.6 186.8

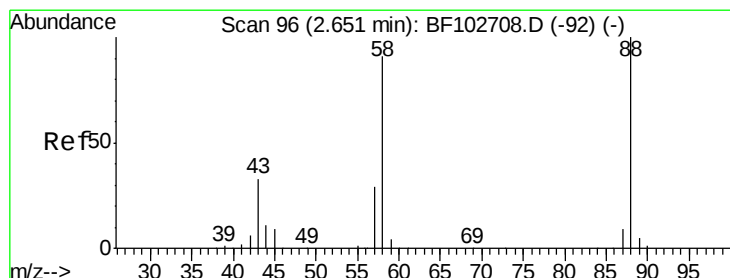
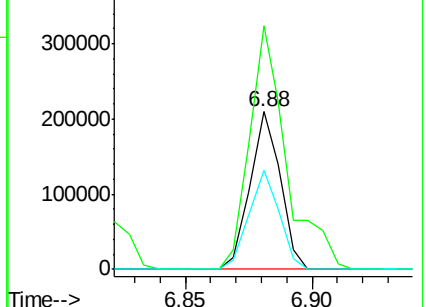
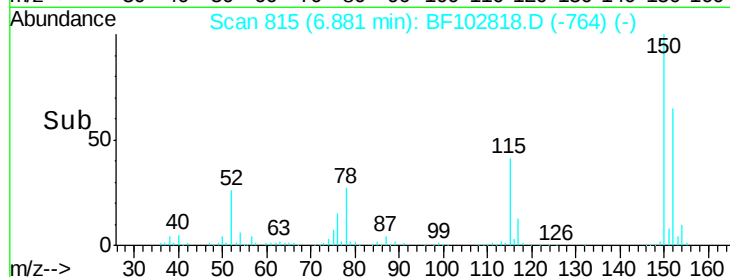
115 63.3 50.1 75.1



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: 38.92 ng

RT: 2.64 min Scan# 94

Delta R.T. -0.02 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

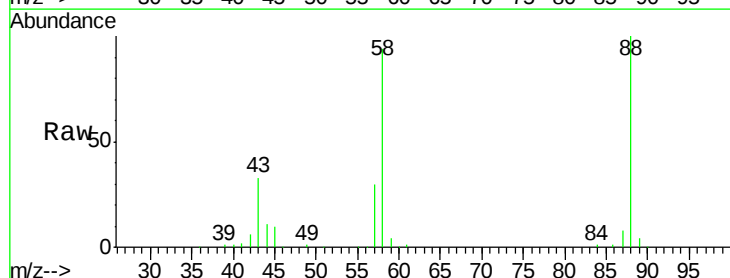
Tgt Ion: 88 Resp: 221715

Ion Ratio Lower Upper

88 100

58 92.6 62.6 93.8

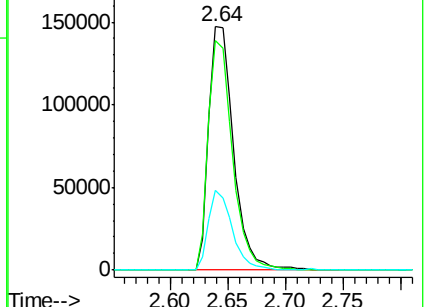
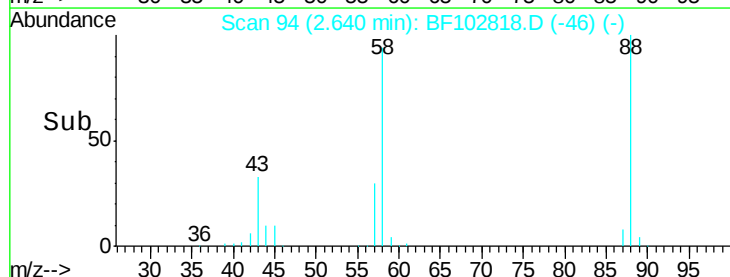
43 32.0 24.6 37.0

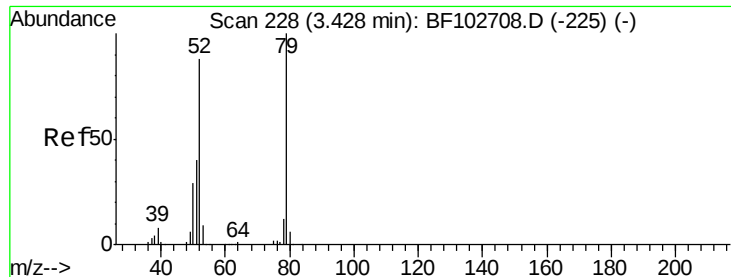


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

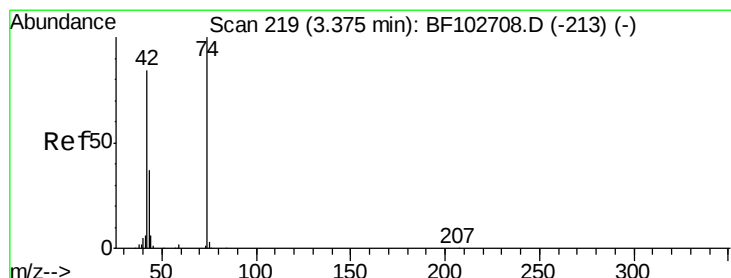
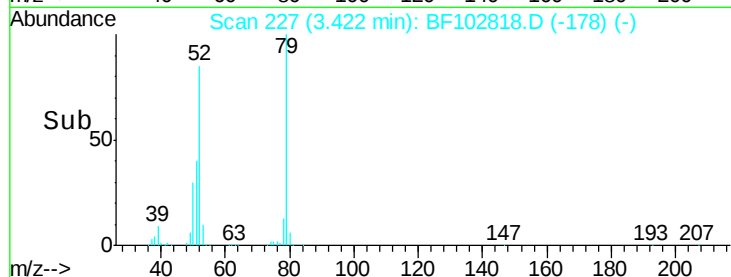
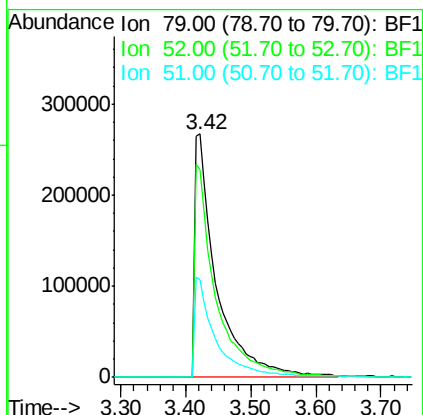
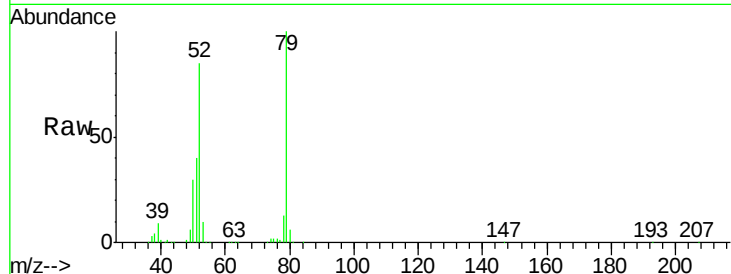




#3
 Pvridine
 Concen: 39.50 ng
 RT: 3.42 min Scan# 227
 Delta R.T. -0.01 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

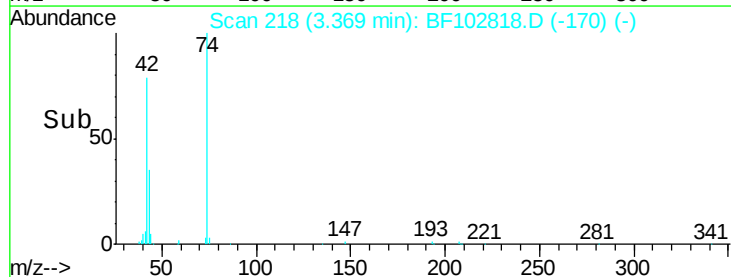
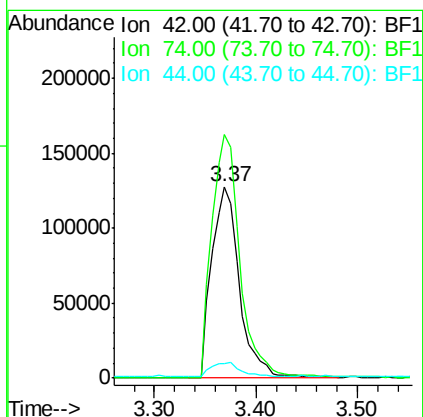
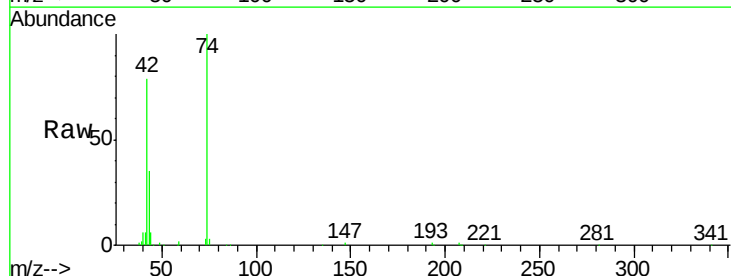
Instrument :
 BNA_F
 ClientSampleId :

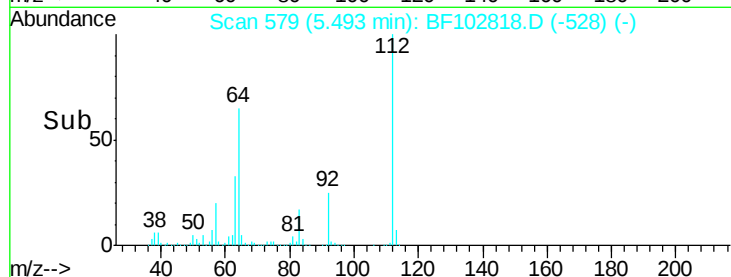
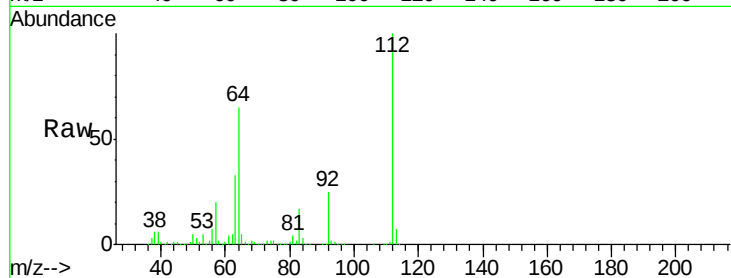
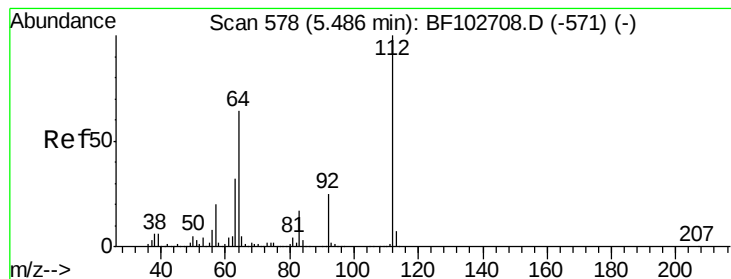
Tot Ion: 79 Resp: 621724
 Ion Ratio Lower Upper
 79 100
 52 85.3 59.8 89.6
 51 39.9 29.8 44.8



#4
 n-Nitrosodimethylamine
 Concen: 36.10 ng
 RT: 3.37 min Scan# 218
 Delta R.T. -0.02 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Tgt Ion: 42 Resp: 243102
 Ion Ratio Lower Upper
 42 100
 74 127.1 104.9 157.3
 44 7.9 6.9 10.3





#5

2-Fluorophenol

Concen: 76.29 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampled :

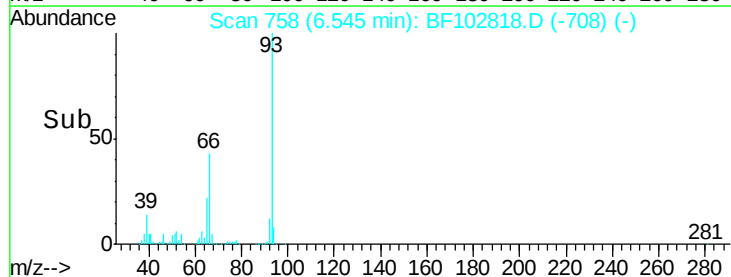
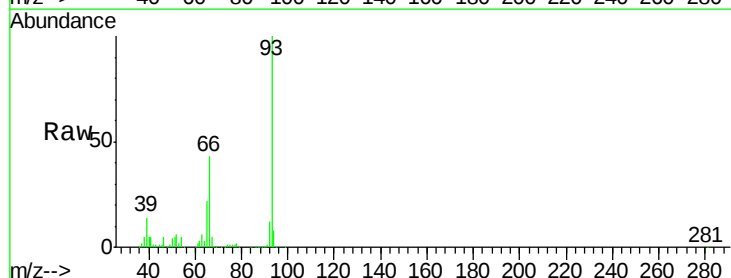
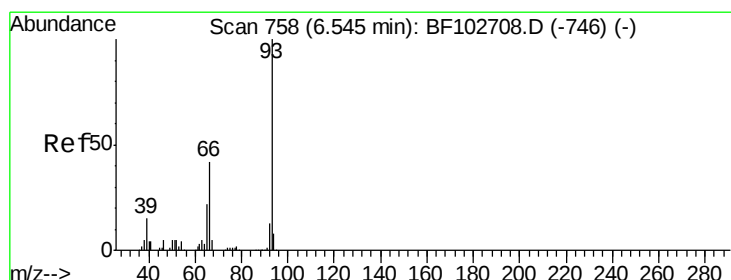
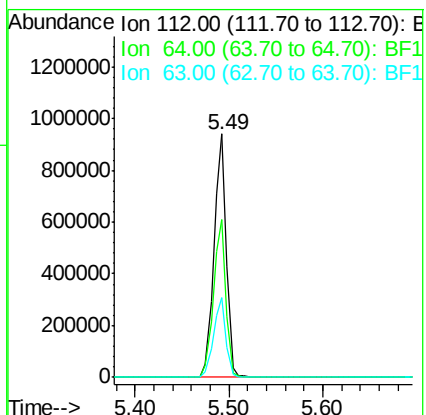
Tot Ion:112 Resp: 879884

Ion Ratio Lower Upper

112 100

64 64.9 47.9 71.9

63 32.9 23.7 35.5



#6

Aniline

Concen: 37.79 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

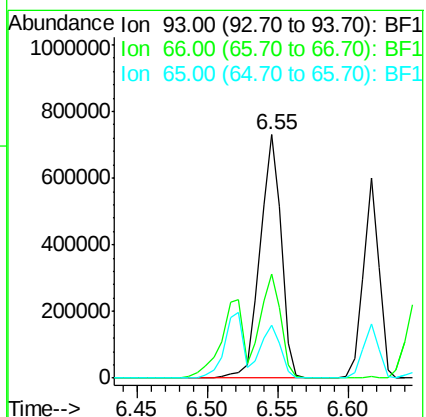
Tgt Ion: 93 Resp: 775140

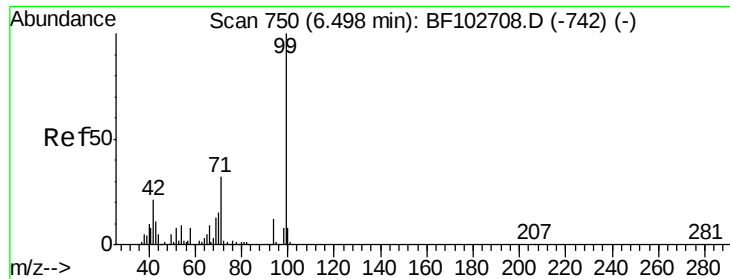
Ion Ratio Lower Upper

93 100

66 42.9 32.2 48.2

65 22.0 16.4 24.6





#7

Phenol-d6

Concen: 75.60 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampled :

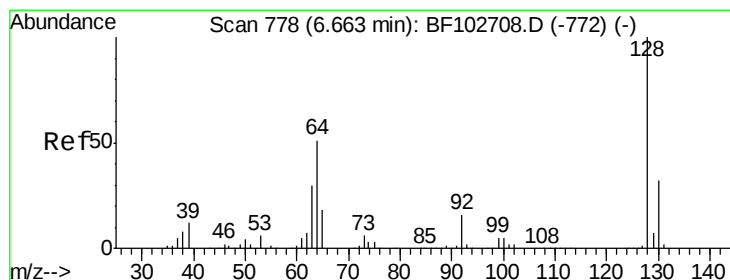
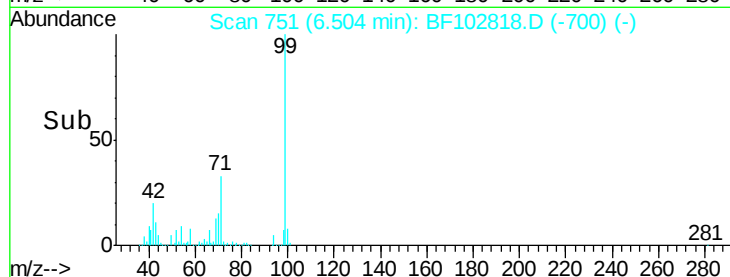
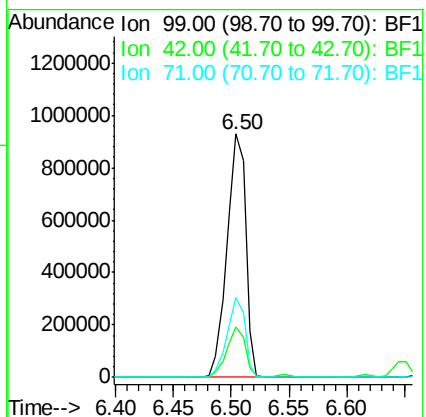
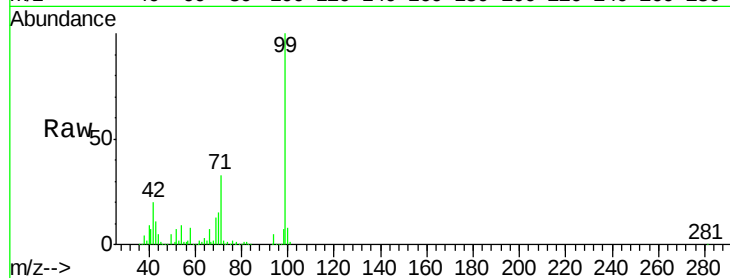
Tot Ion: 99 Resp: 1049992

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

71 32.5 25.4 38.0



#8

2-Chlorophenol

Concen: 39.04 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

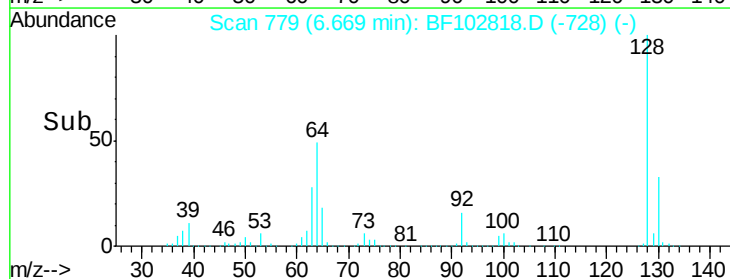
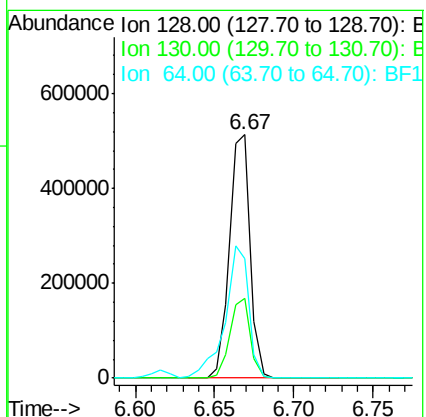
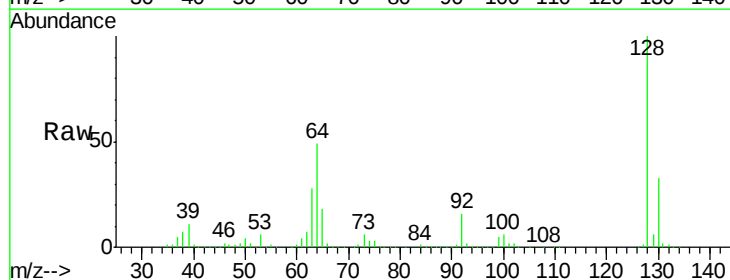
Tgt Ion: 128 Resp: 463534

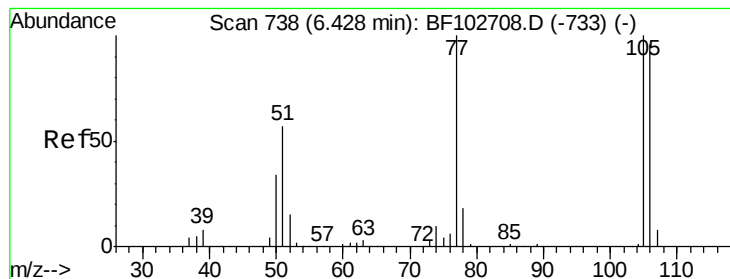
Ion Ratio Lower Upper

128 100

130 32.7 13.0 53.0

64 49.0 29.4 69.4





#9

Benzaldehyde

Concen: 35.85 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

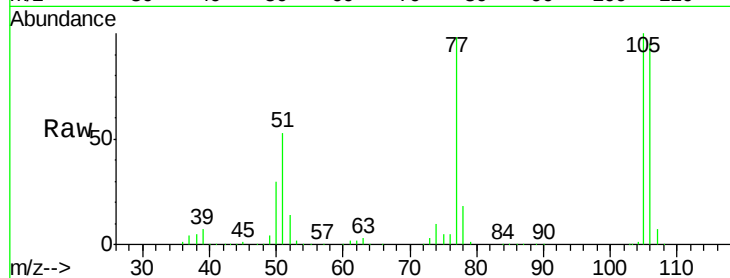
Tot Ion: 77 Resp: 369719

Ion Ratio Lower Upper

77 100

105 102.5 81.1 121.1

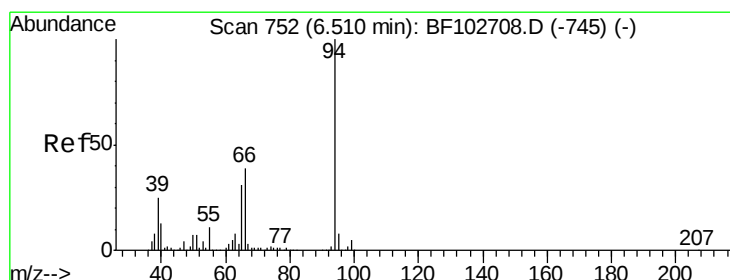
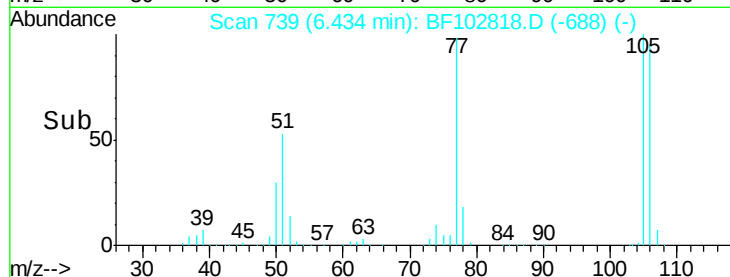
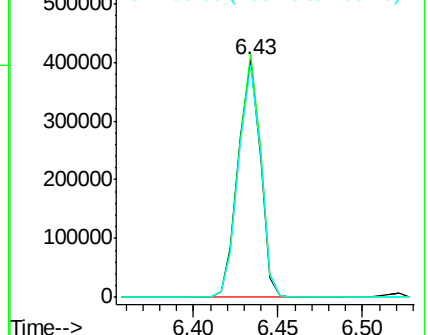
106 97.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 38.90 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

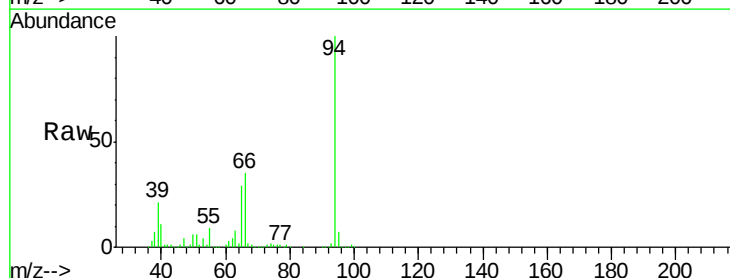
Tgt Ion: 94 Resp: 579012

Ion Ratio Lower Upper

94 100

65 29.3 7.9 47.9

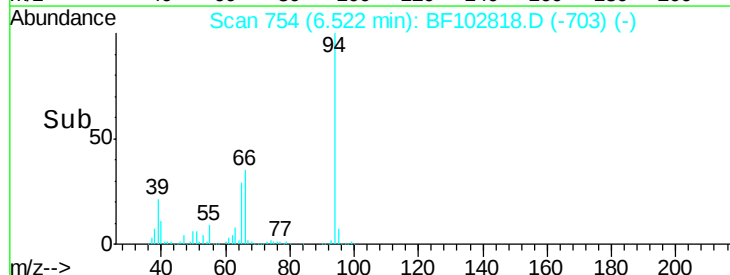
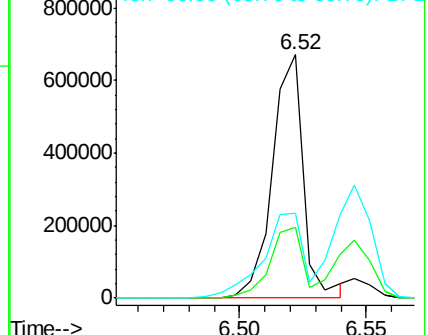
66 35.0 16.2 56.2

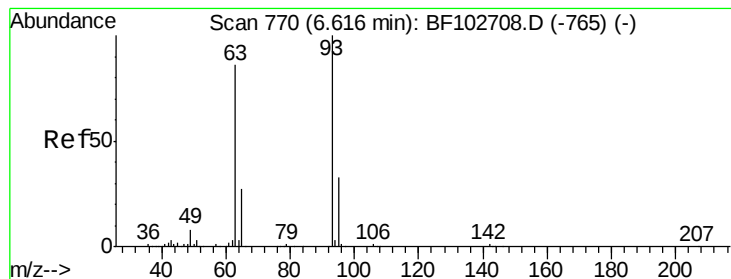


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

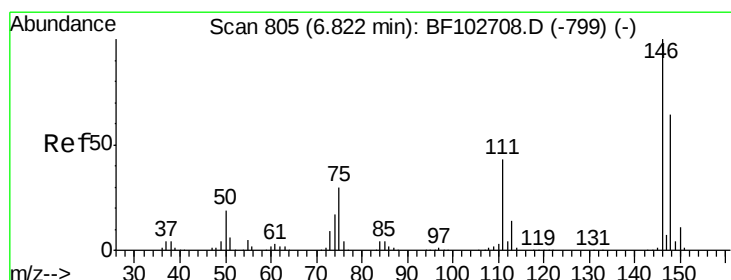
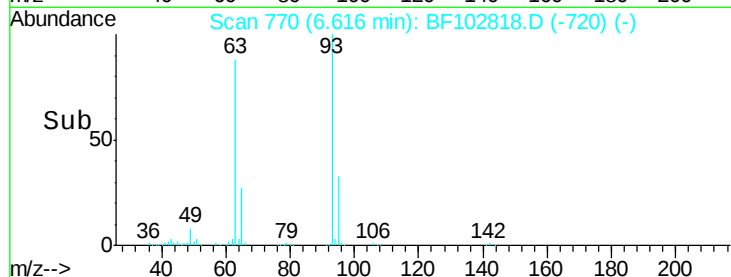
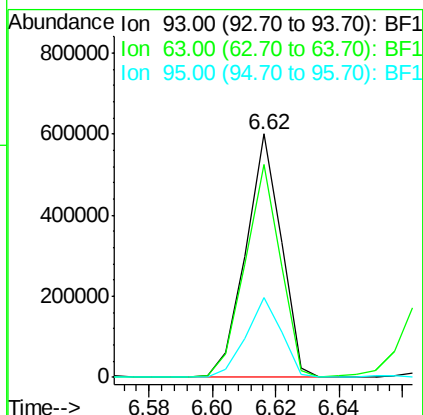
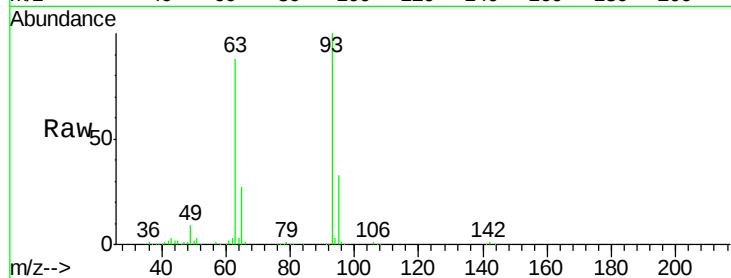




#11
bis(2-Chloroethyl)ether
Concen: 37.48 ng
RT: 6.62 min Scan# 770
Delta R.T. -0.01 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

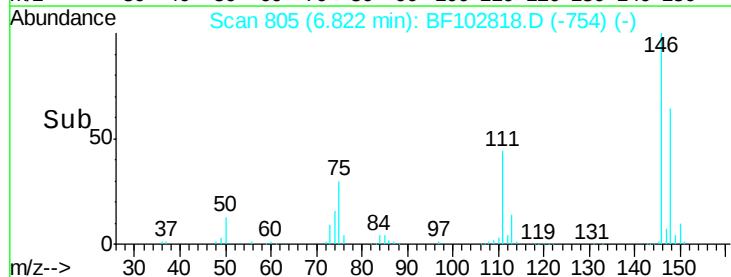
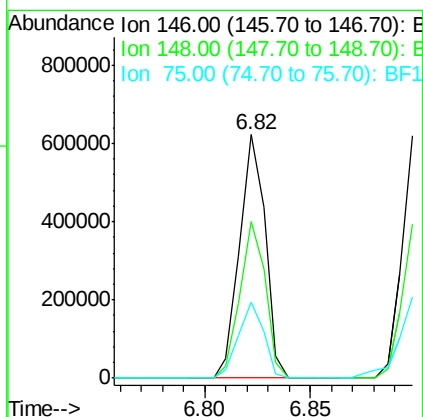
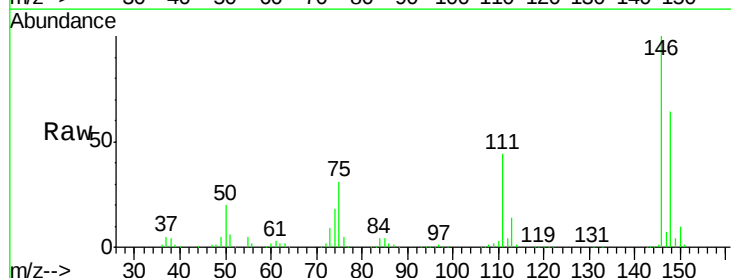
Instrument :
BNA_F
ClientSampleId :

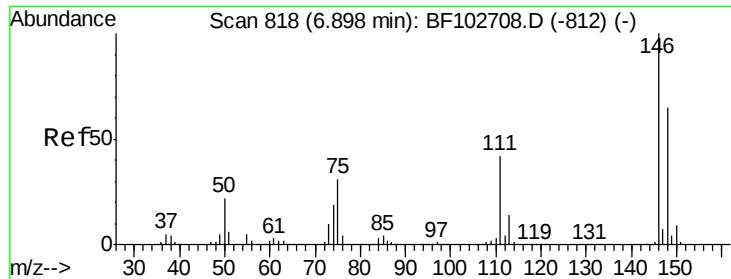
Tot Ion	93	Resp	464229
Ion	Ratio	Lower	Upper
93	100		
63	87.5	58.6	98.6
95	32.6	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 38.15 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion	146	Resp	524592
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	31.3	24.2	36.4

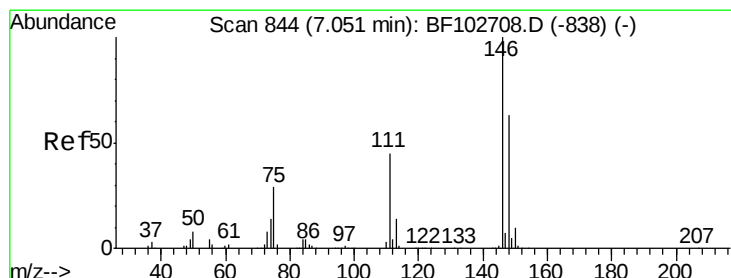
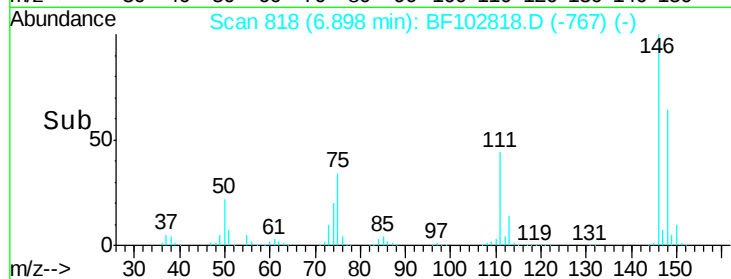
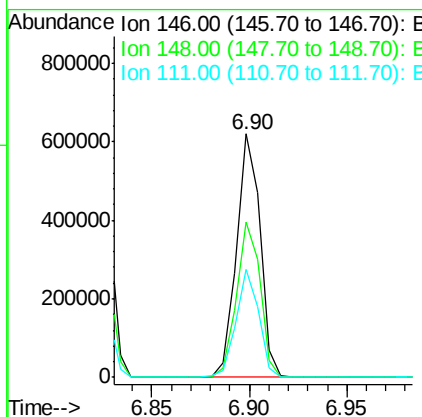
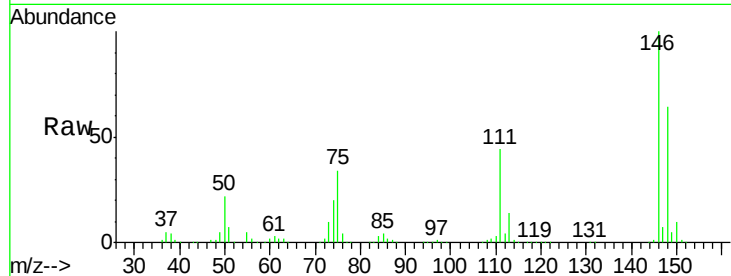




#13
 1,4-Dichlorobenzene
 Concen: 37.87 ng
 RT: 6.90 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

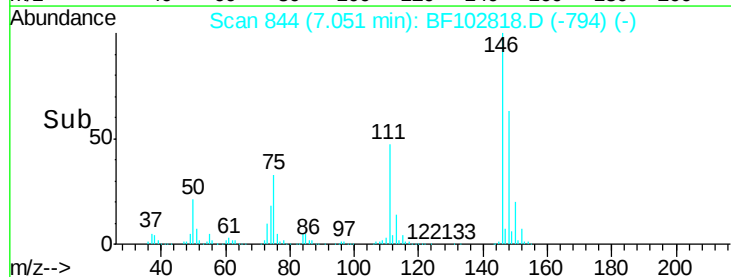
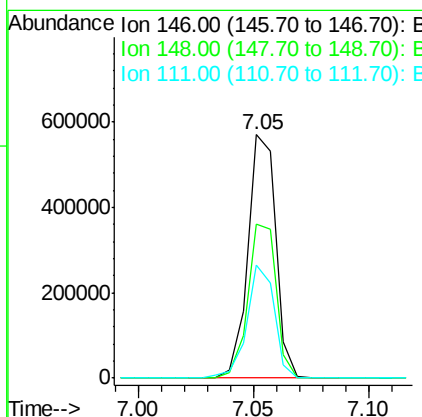
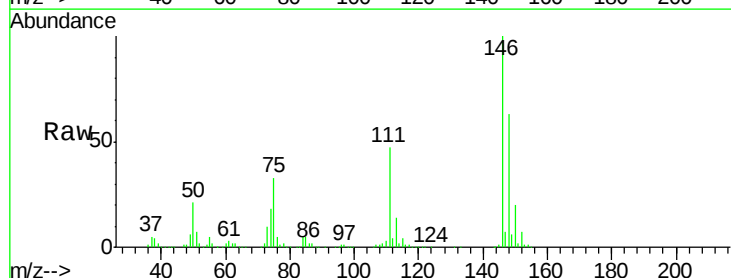
Instrument :
 BNA_F
 ClientSampleId :

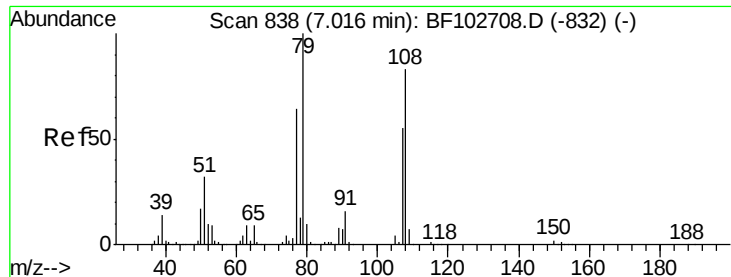
Tot Ion:146 Resp: 518677
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 44.1 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 37.92 ng
 RT: 7.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Tgt Ion:146 Resp: 483756
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.6 75.8
 111 46.5 36.0 54.0

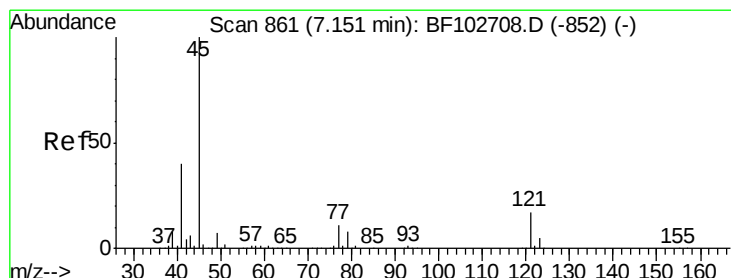
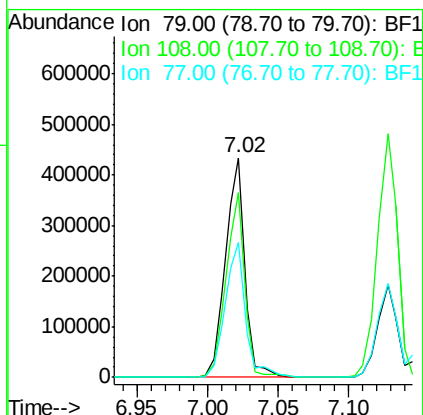
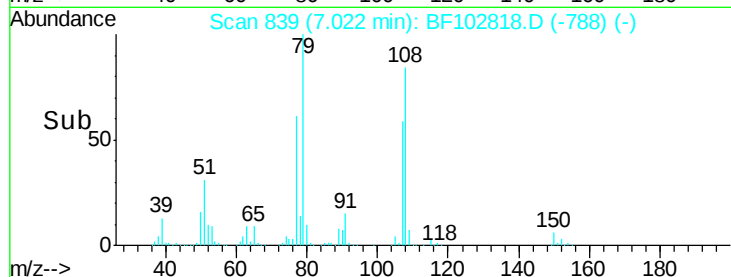
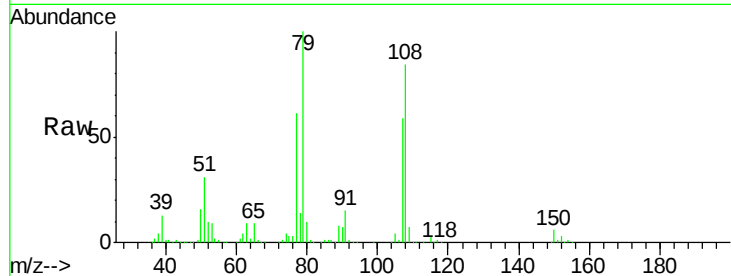




#15
Benzyl Alcohol
Concen: 38.70 ng
RT: 7.02 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

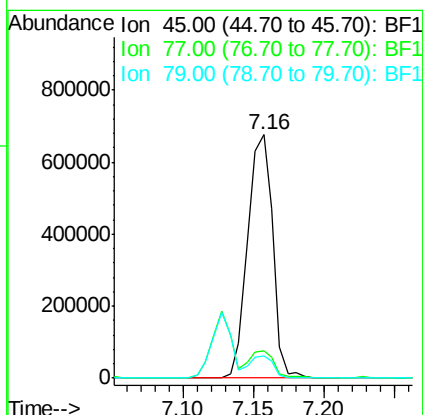
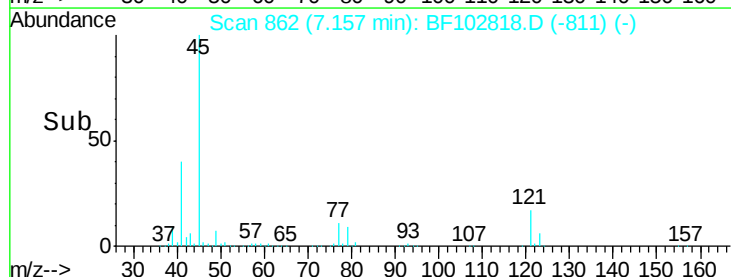
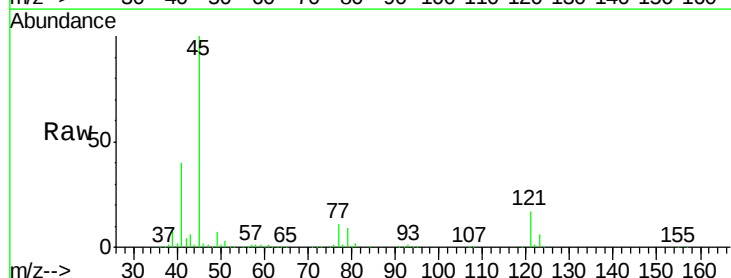
Instrument :
BNA_F
ClientSampleId :

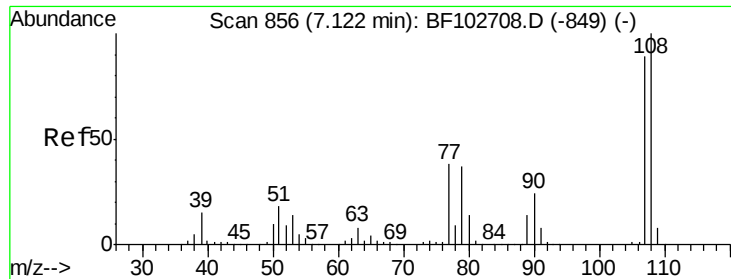
Tot Ion: 79 Resp: 413189
Ion Ratio Lower Upper
79 100
108 84.3 65.1 97.7
77 61.3 50.6 75.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.74 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion: 45 Resp: 840859
Ion Ratio Lower Upper
45 100
77 11.3 0.0 32.9
79 9.2 0.0 29.6

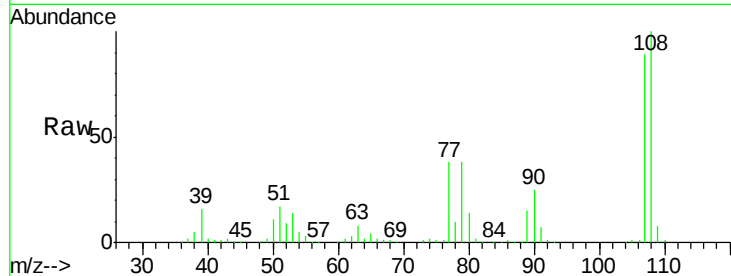




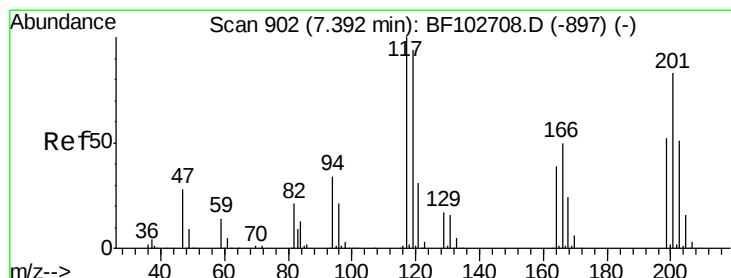
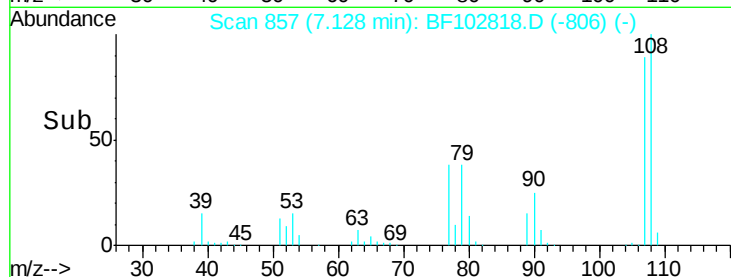
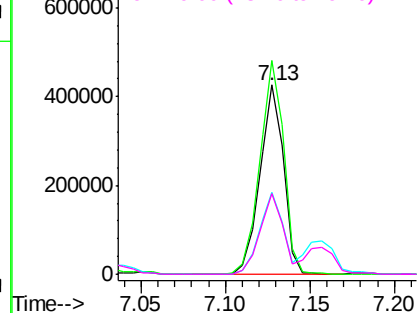
#17
2-Methylphenol
Concen: 37.99 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 416075
Ion Ratio Lower Upper
107 100
108 112.9 91.7 137.5
77 43.4 33.8 50.8
79 42.9 33.8 50.8

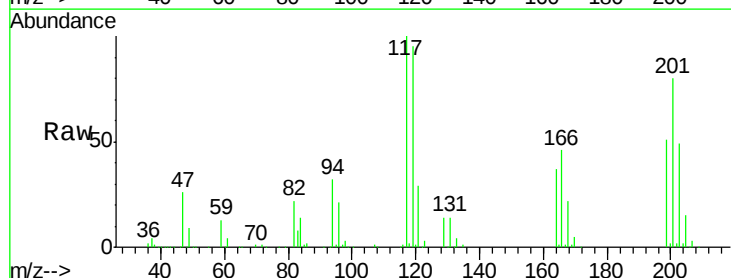


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

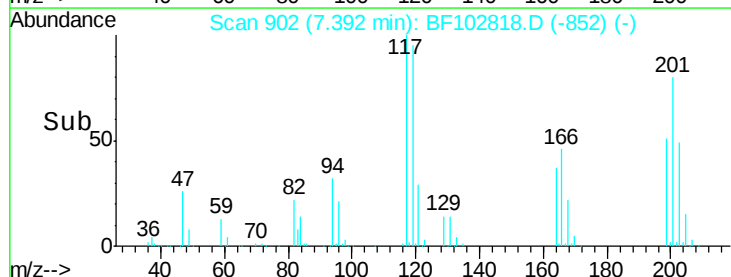
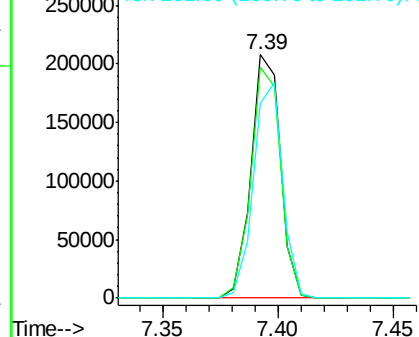


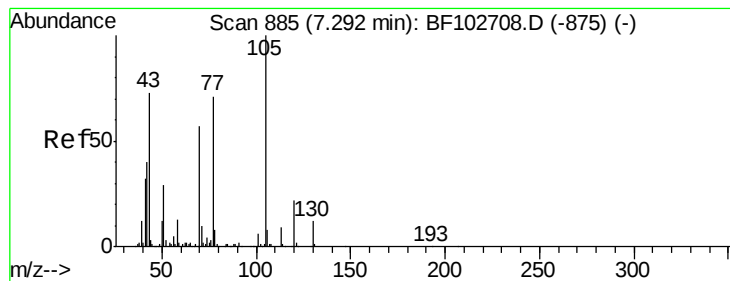
#18
Hexachloroethane
Concen: 39.66 ng
RT: 7.39 min Scan# 902
Delta R.T. -0.01 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion:117 Resp: 186292
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 80.0 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: 36.46 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

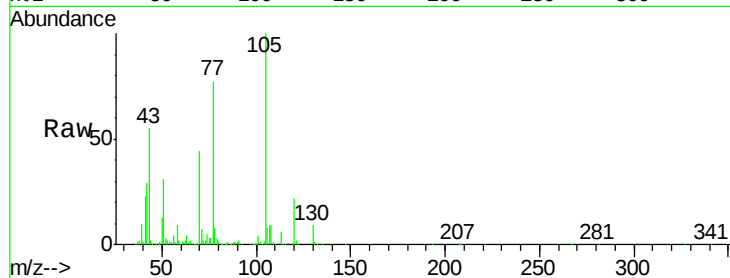
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 333864

Ion	Ratio	Lower	Upper
70	100		
42	65.7	47.5	71.3
101	9.8	7.4	11.2
130	20.6	16.6	25.0



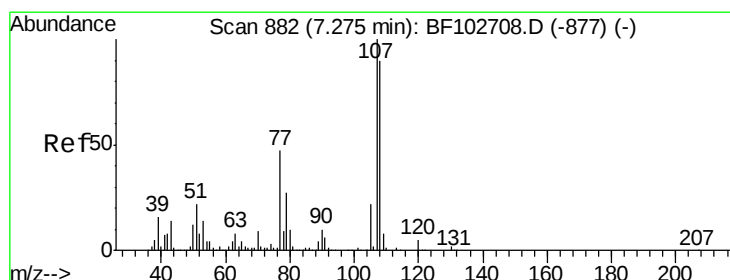
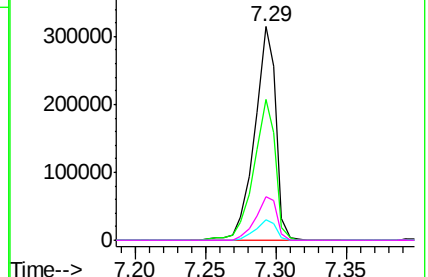
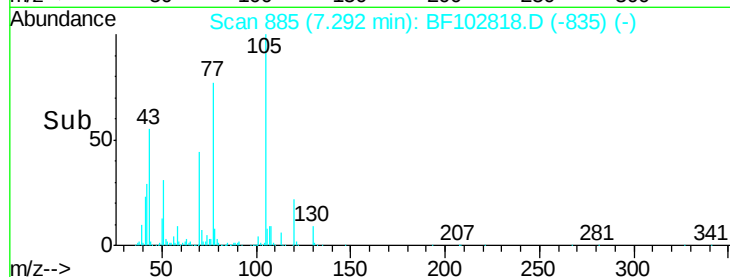
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 37.54 ng

RT: 7.28 min Scan# 883

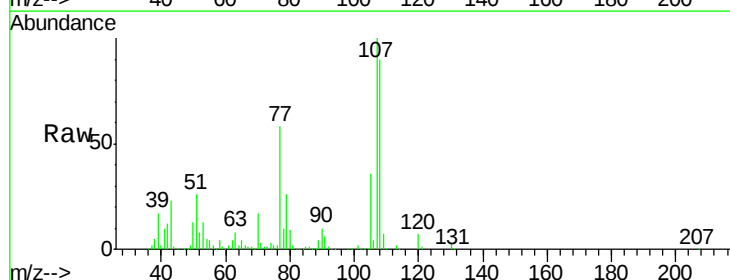
Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Tgt Ion:107 Resp: 507087

Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.2	108.2
77	57.8	26.7	66.7
79	26.0	6.3	46.3



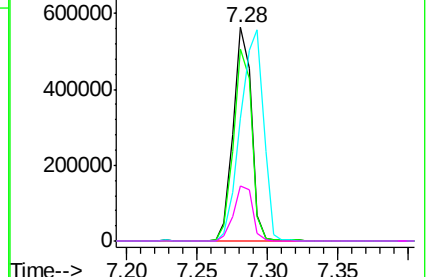
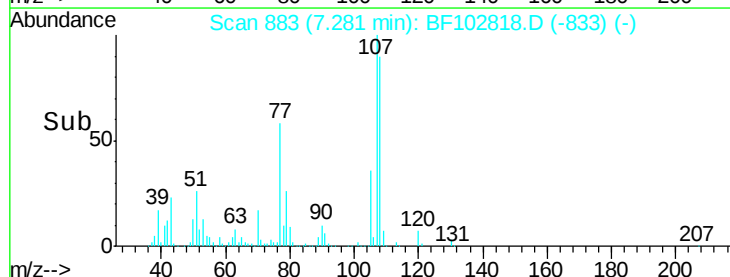
Abundance

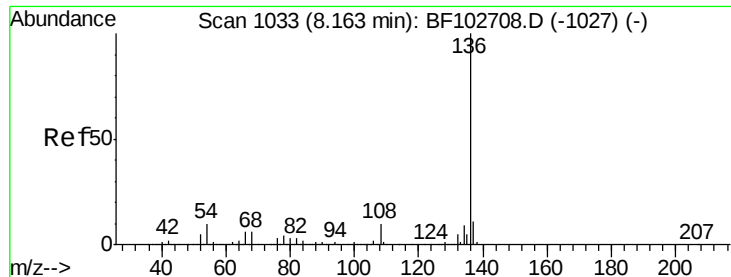
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 737473

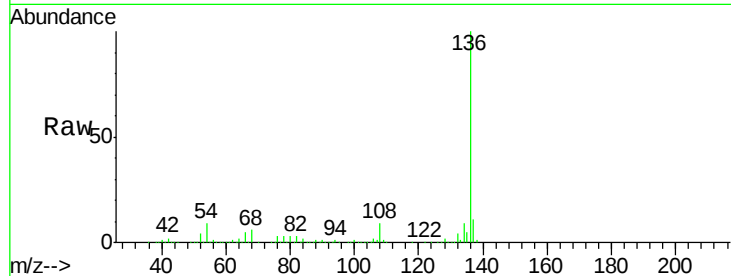
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.9 6.6 9.8

68 5.9 5.0 7.4

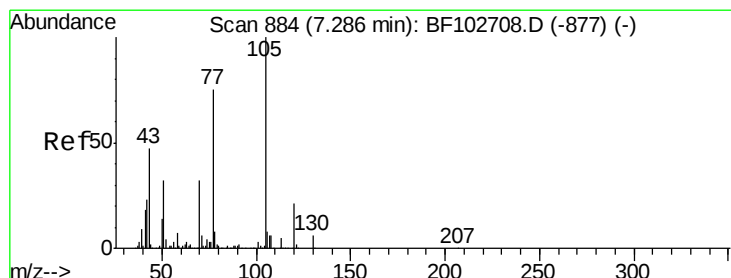
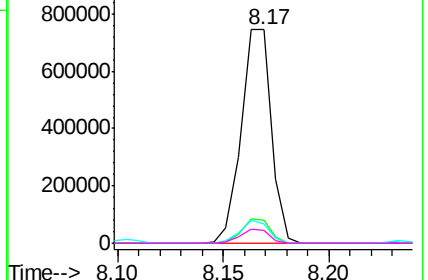
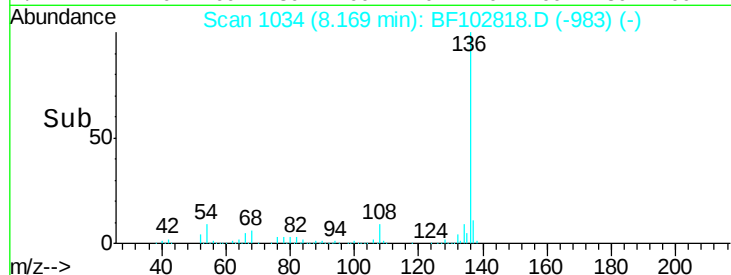


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.32 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Tgt Ion:105 Resp: 655501

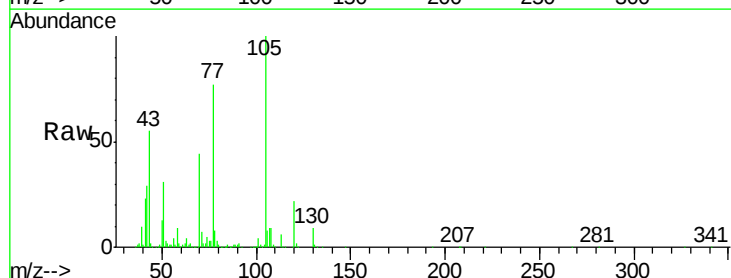
Ion Ratio Lower Upper

105 100

71 7.4 4.4 6.6#

51 30.8 22.3 33.5

120 21.5 16.9 25.3

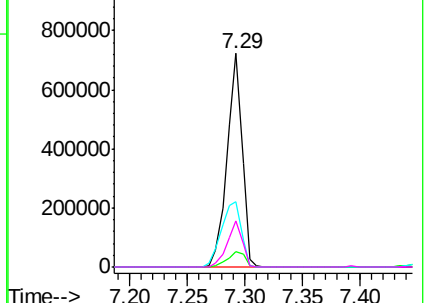
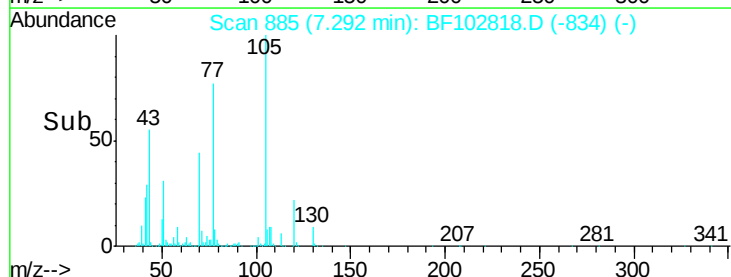


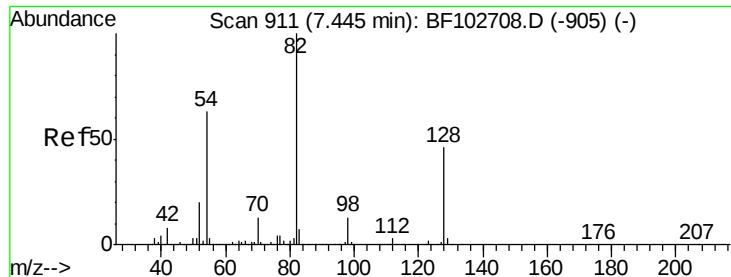
Abundance Ion 105.00 (104.70 to 105.70): E

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

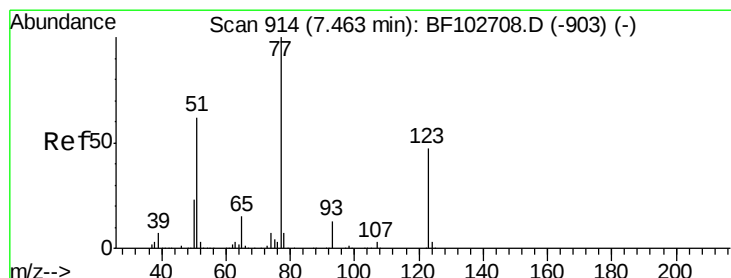
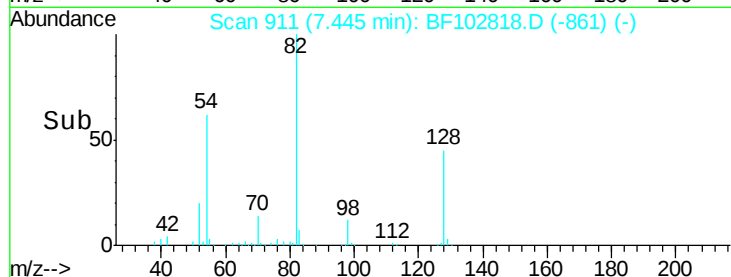
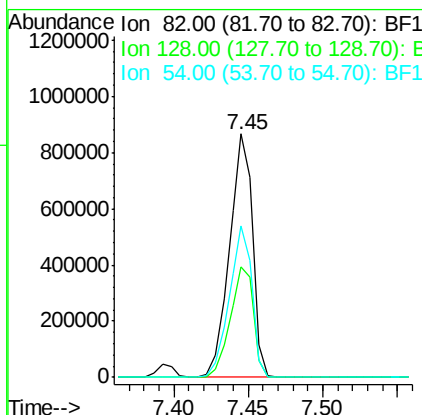
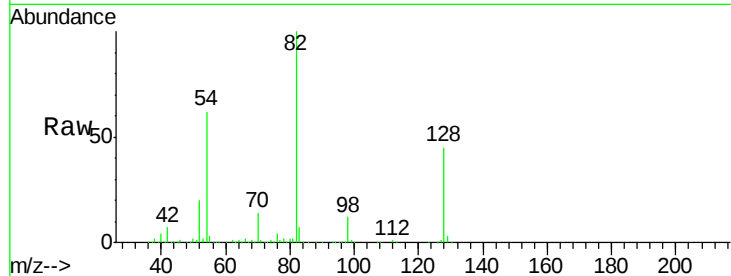




#23
 Nitrobenzene-d5
 Concen: 88.32 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

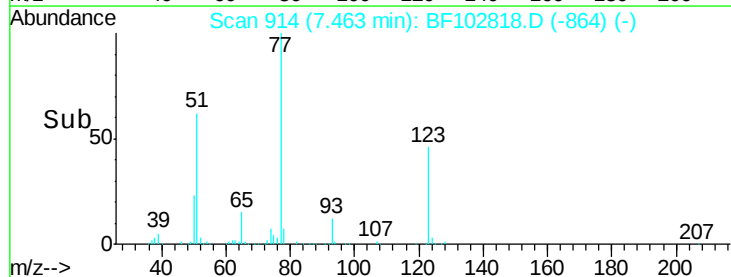
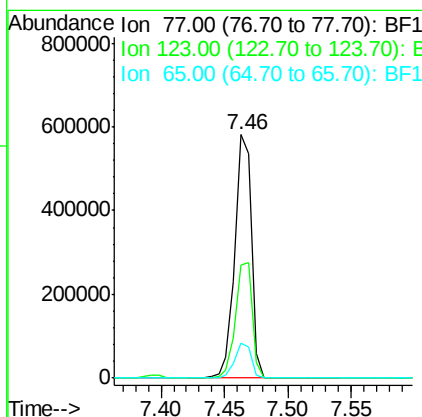
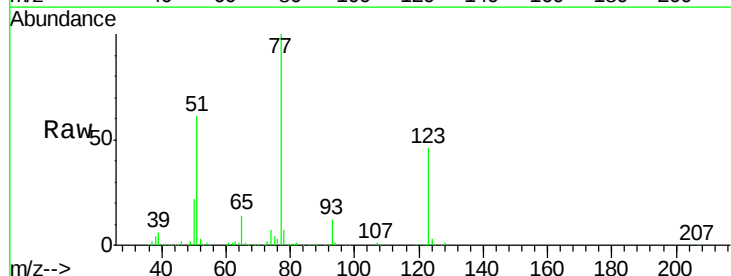
Instrument :
 BNA_F
 ClientSampleId :

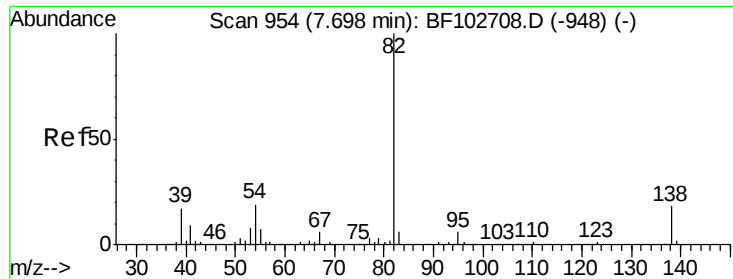
Tot Ion	82	Resp	938882
Ion Ratio	100	Lower	Upper
128	45.4	36.1	54.1
54	62.3	41.4	62.2#



#24
 Nitrobenzene
 Concen: 41.60 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Tgt Ion	77	Resp	520249
Ion Ratio	100	Lower	Upper
123	46.2	37.9	56.9
65	14.5	11.0	16.4





#25

Isophorone

Concen: 36.66 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

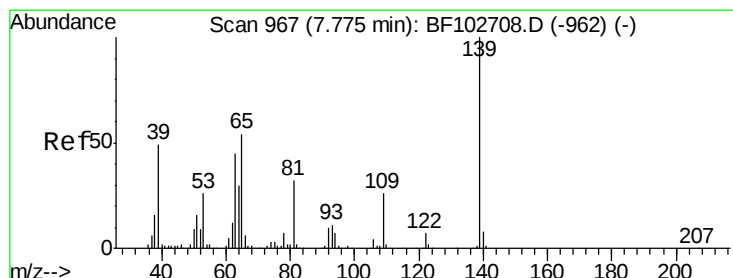
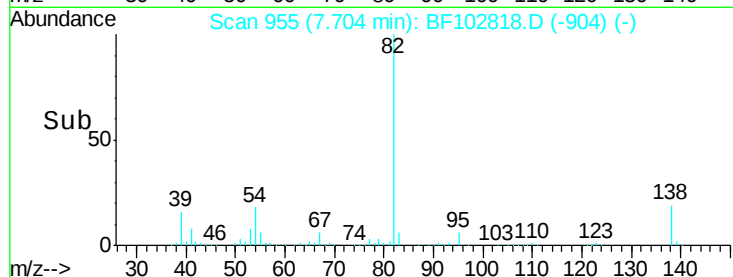
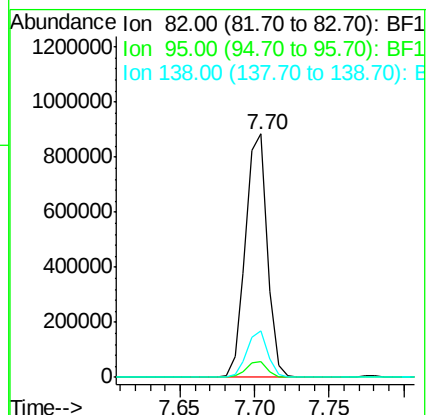
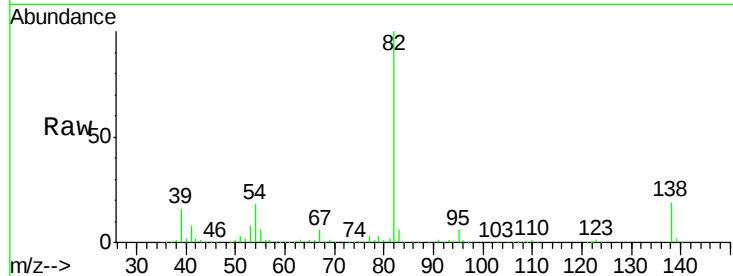
Tot Ion: 82 Resp: 897466

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

138 19.1 14.9 22.3



#26

2-Nitrophenol

Concen: 50.01 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

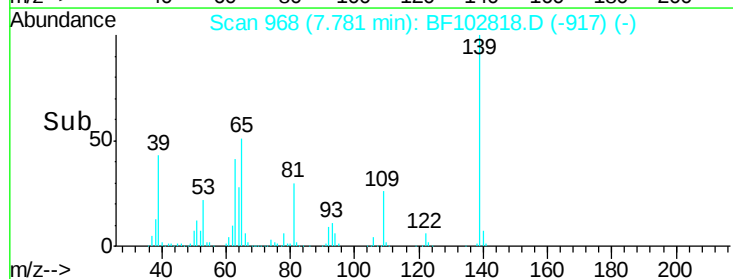
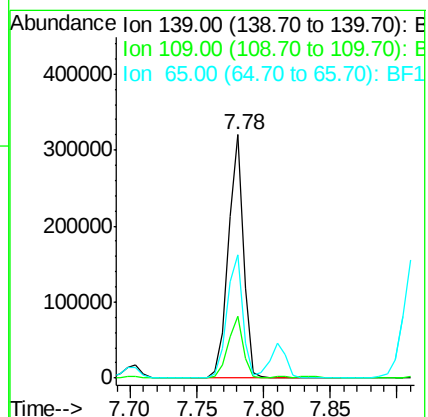
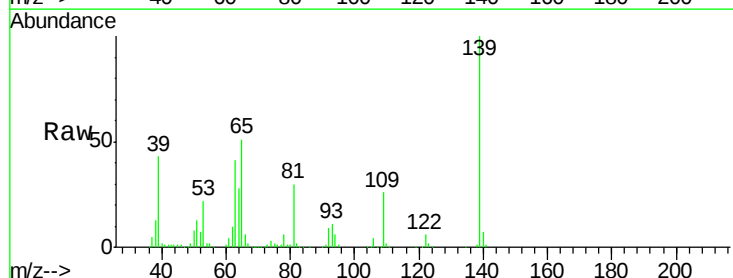
Tgt Ion: 139 Resp: 259180

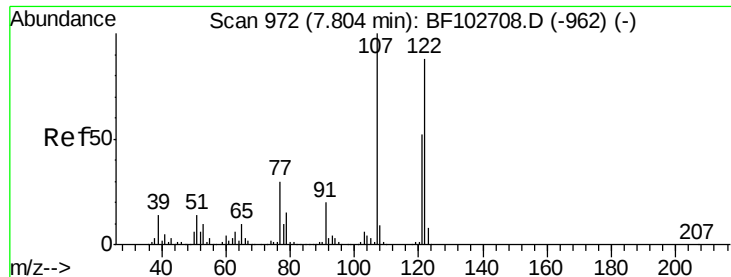
Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

65 50.7 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.27 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

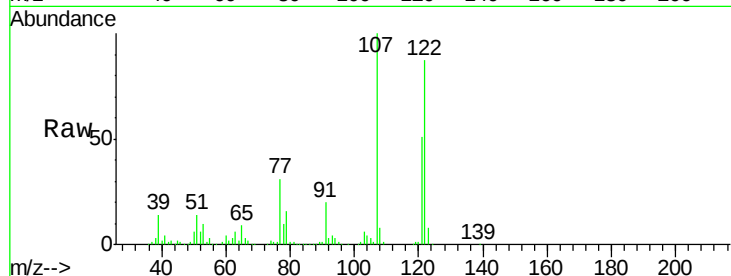
Tot Ion:122 Resp: 375086

Ion Ratio Lower Upper

122 100

107 114.3 91.2 136.8

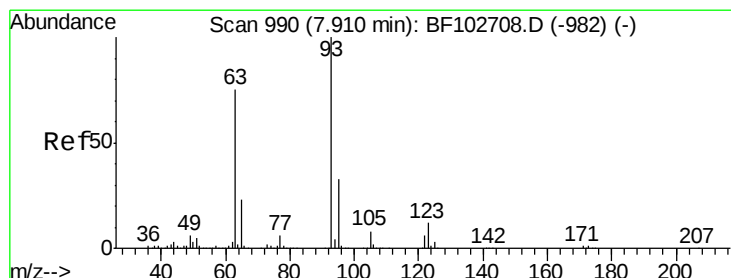
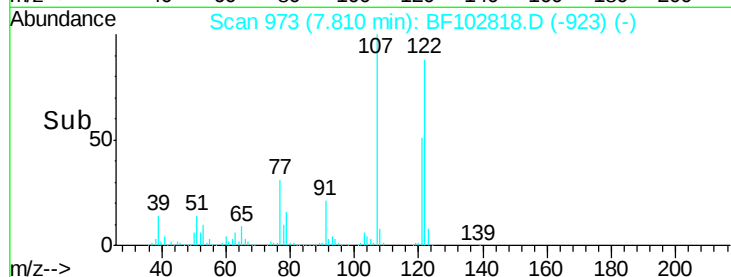
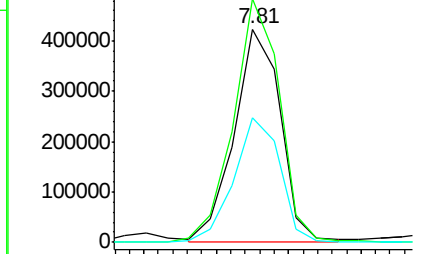
121 58.4 47.2 70.8



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: 37.39 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

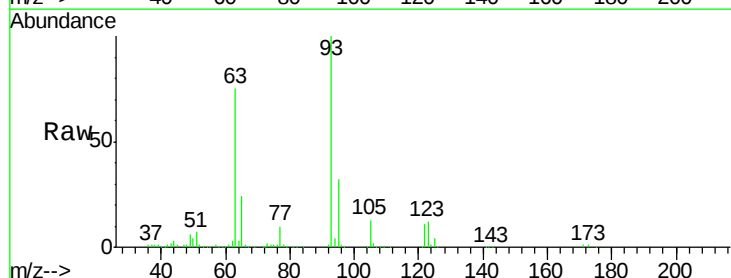
Tgt Ion: 93 Resp: 542144

Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

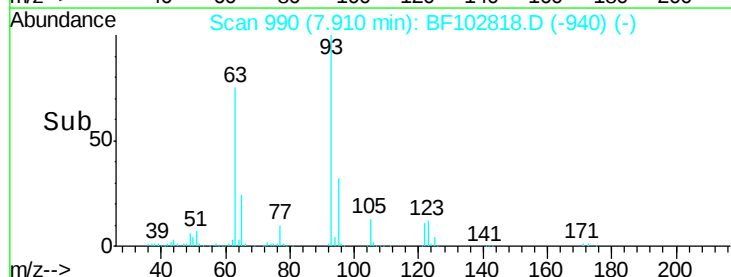
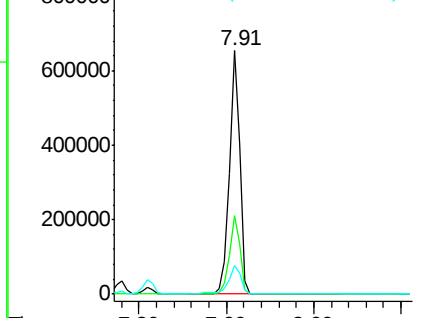
123 12.0 9.8 14.6

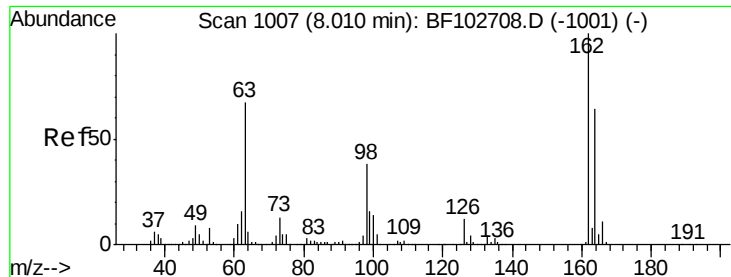


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 39.82 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

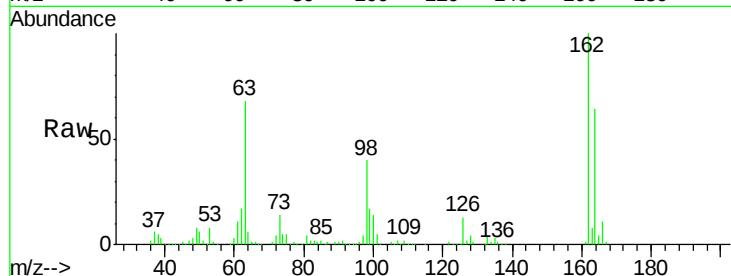
Tot Ion:162 Resp: 374330

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

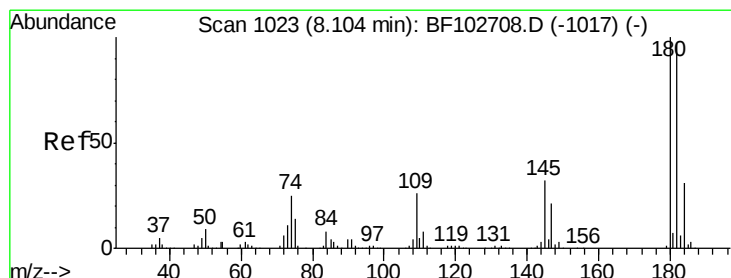
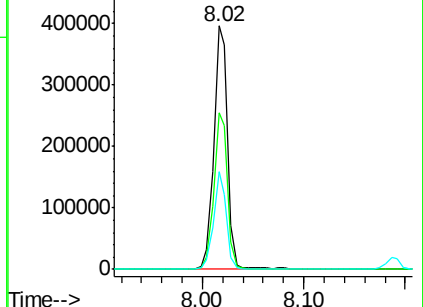
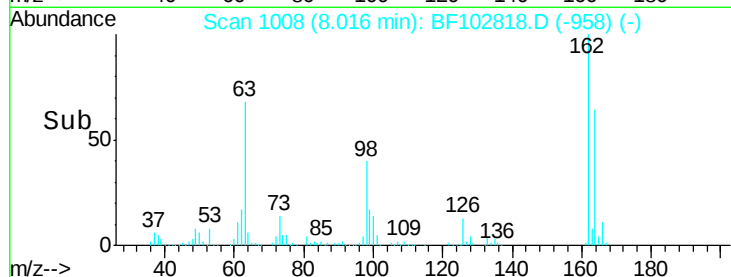
98 39.9 18.1 58.1



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: 37.51 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

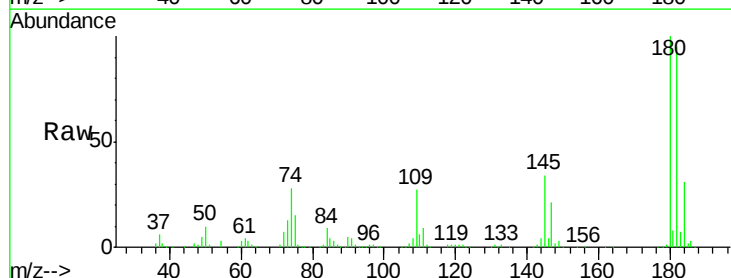
Tgt Ion:180 Resp: 398992

Ion Ratio Lower Upper

180 100

182 94.9 76.8 115.2

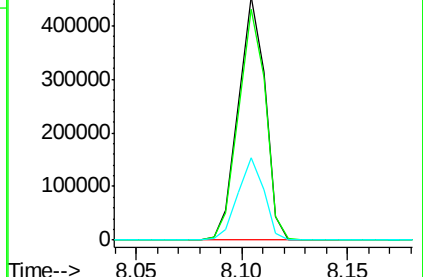
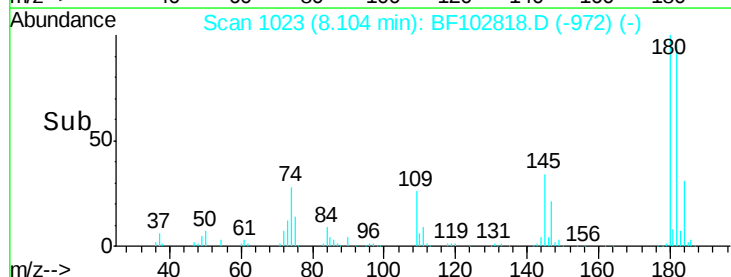
145 33.7 26.5 39.7

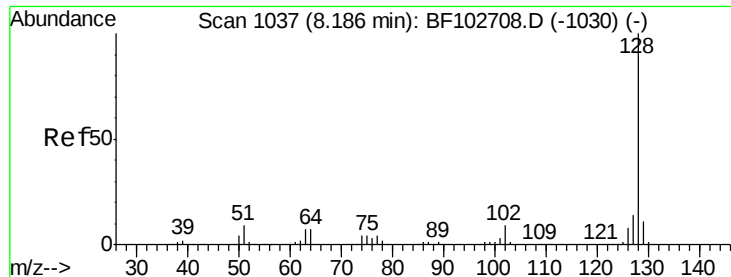


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.34 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

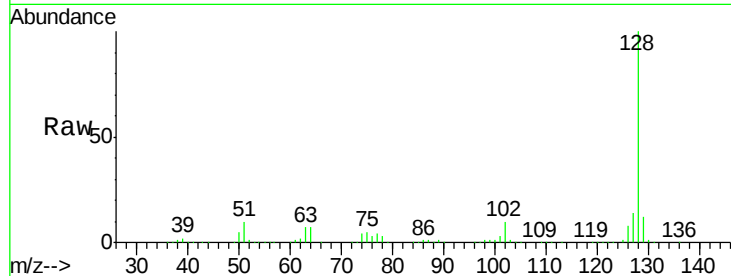
Tot Ion:128 Resp: 1345276

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

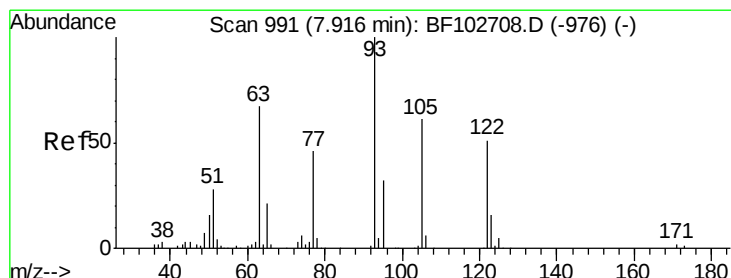
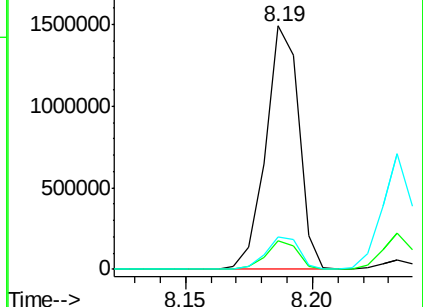
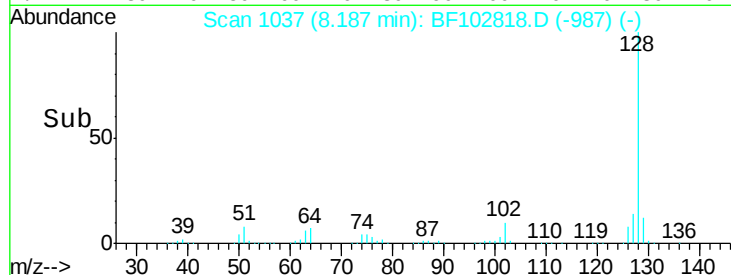
127 13.6 10.9 16.3



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: 36.84 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

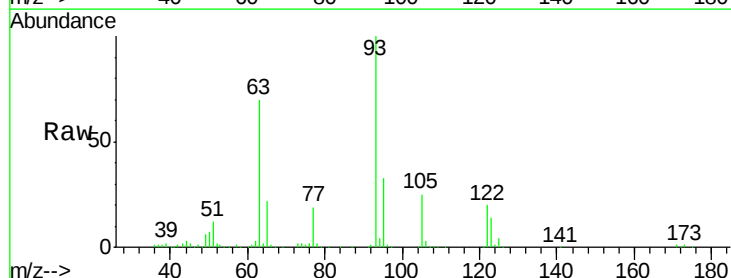
Tgt Ion:122 Resp: 240688

Ion Ratio Lower Upper

122 100

105 120.4 101.1 141.1

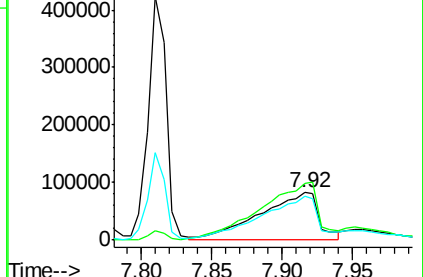
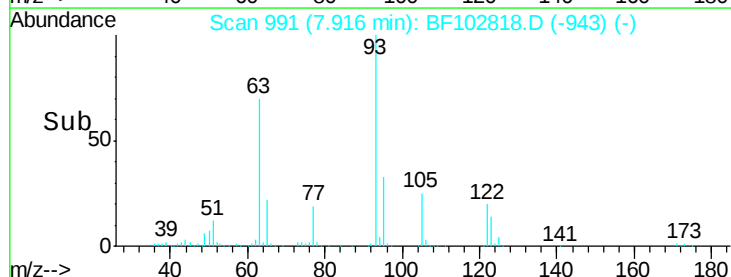
77 91.4 70.7 110.7

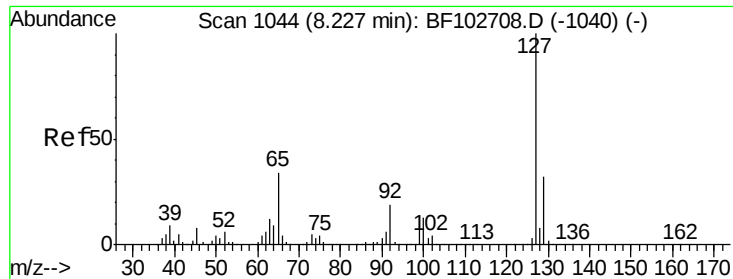


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

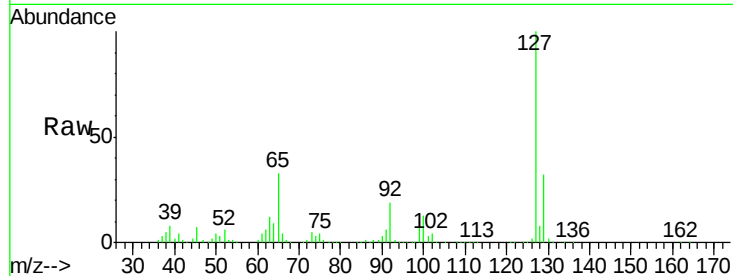




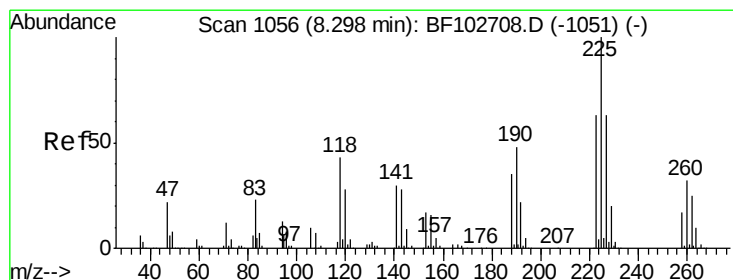
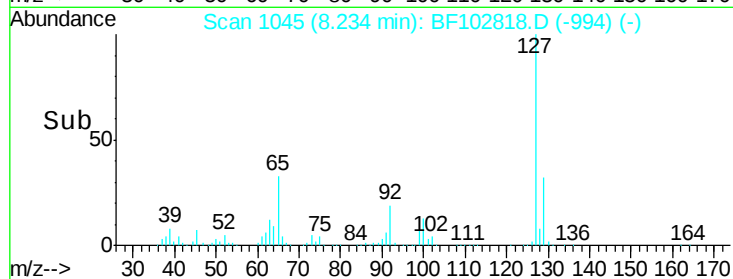
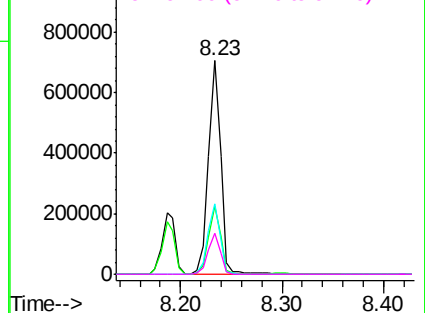
#33
4-Chloroaniline
Concen: 38.10 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	591424
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.9	38.9
65	33.2	25.0	37.4
92	19.5	15.2	22.8

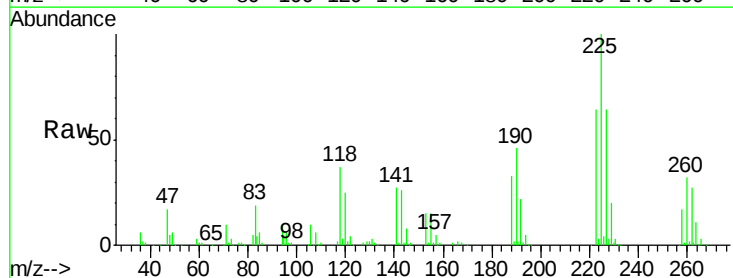


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

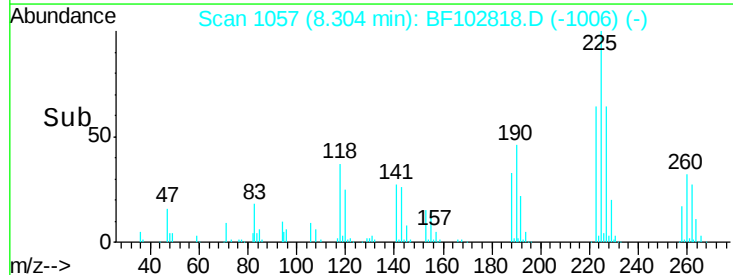
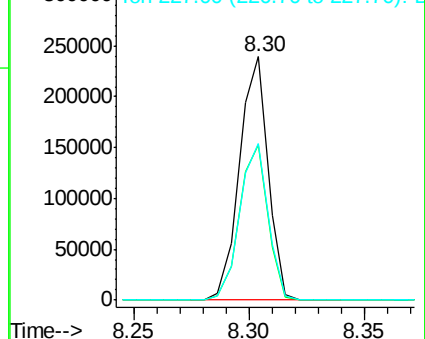


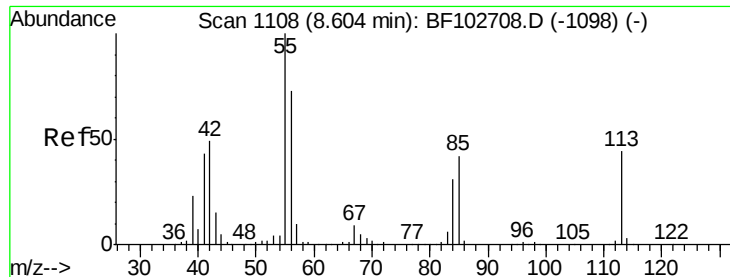
#34
Hexachlorobutadiene
Concen: 37.88 ng
RT: 8.30 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion:	225	Resp:	206421
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.6	76.0
227	64.1	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

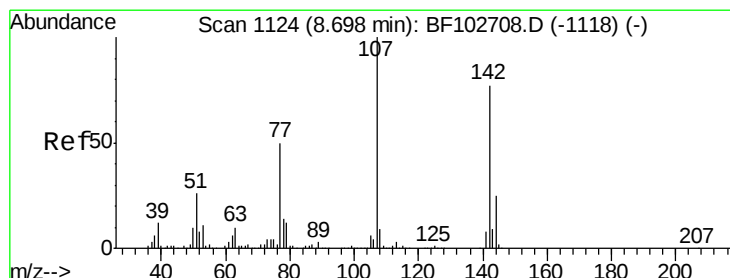
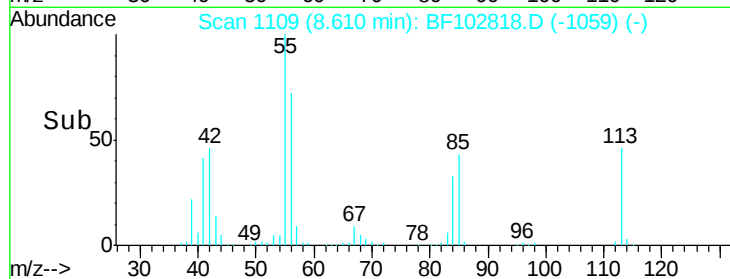
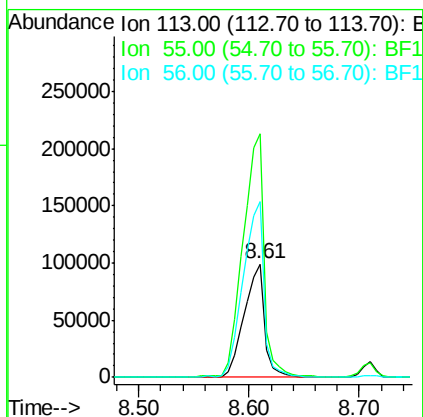
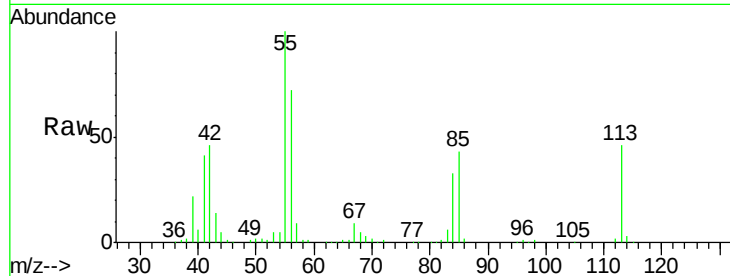




#35
Caprolactam
Concen: 39.52 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

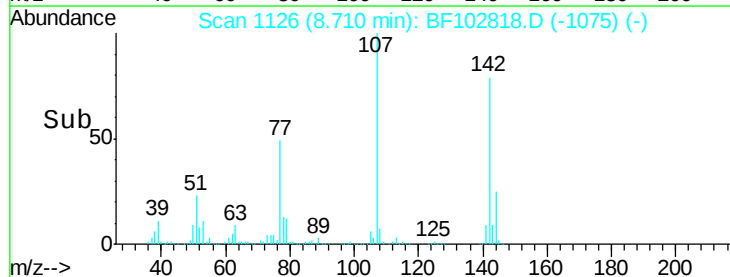
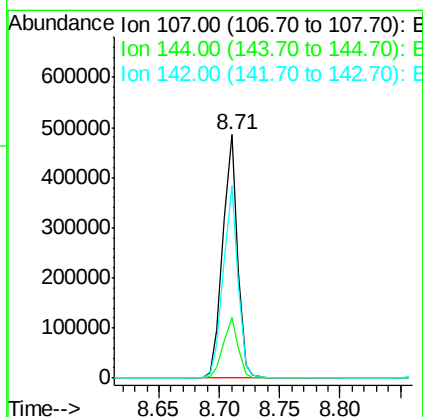
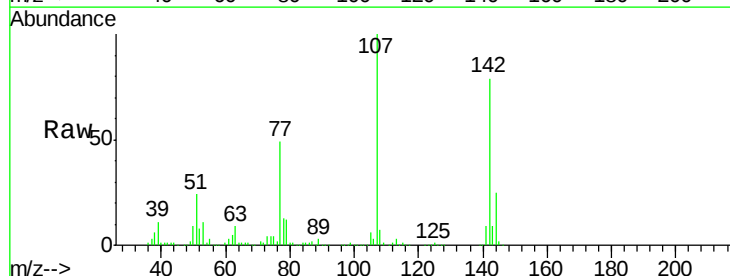
Instrument :
BNA_F
ClientSampleId :

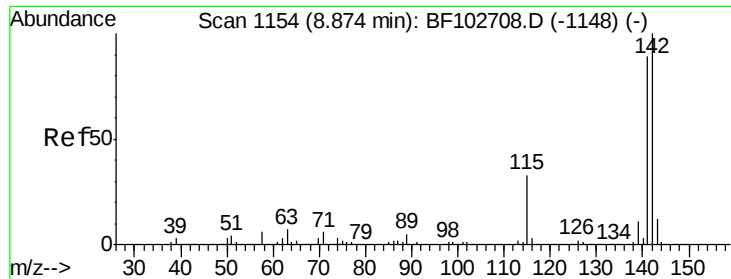
Tot Ion:113 Resp: 129019
Ion Ratio Lower Upper
113 100
55 215.3 163.3 203.3#
56 155.8 115.7 155.7#



#36
4-Chloro-3-methylphenol
Concen: 39.11 ng
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion:107 Resp: 413181
Ion Ratio Lower Upper
107 100
144 25.1 20.5 30.7
142 79.1 62.0 93.0

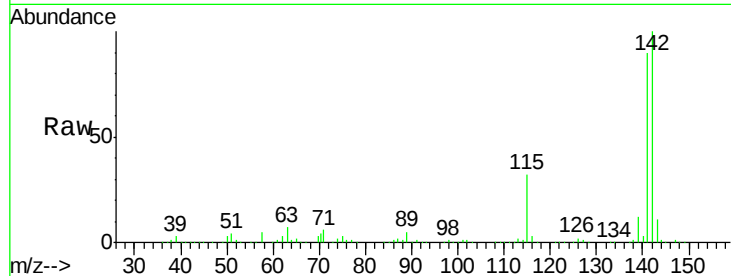




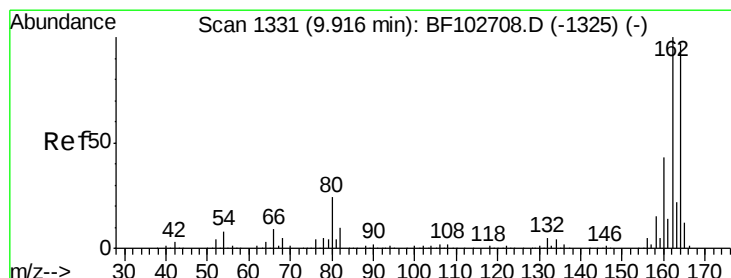
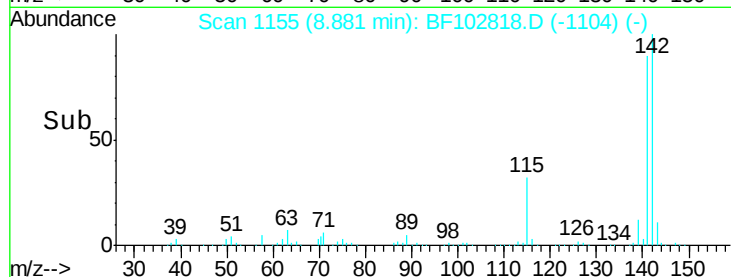
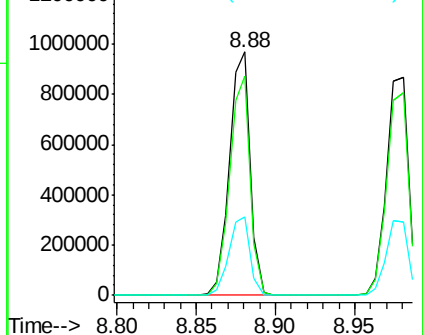
#37
2-Methylnaphthalene
Concen: 37.27 ng
RT: 8.88 min Scan# 1155
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 879274
Ion Ratio Lower Upper
142 100
141 89.8 70.8 106.2
115 32.3 26.1 39.1

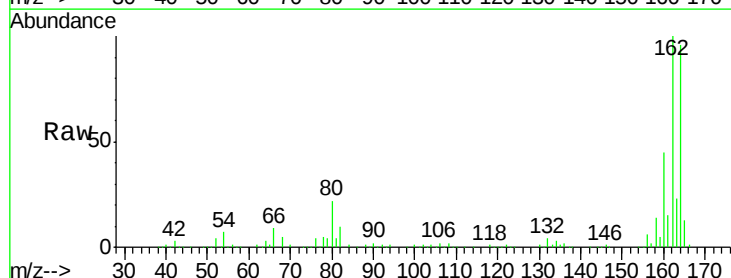


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

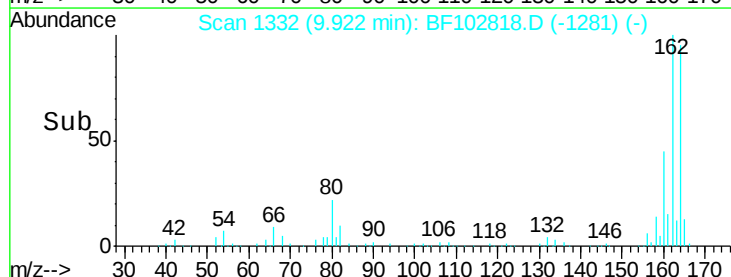
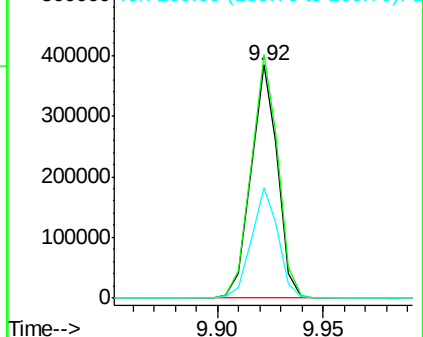


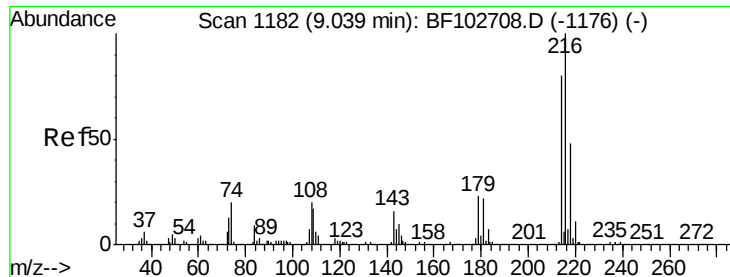
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion:164 Resp: 333482
Ion Ratio Lower Upper
164 100
162 104.5 86.1 129.1
160 47.2 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.56 ng

RT: 9.05 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 350175

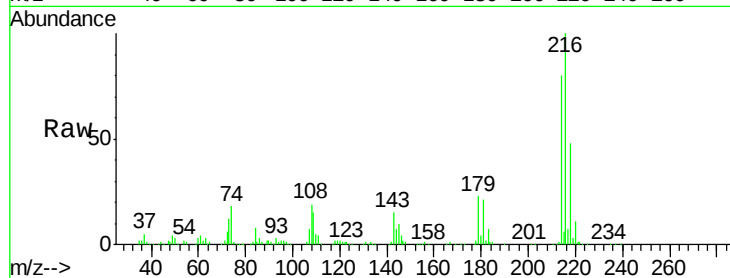
Ion Ratio Lower Upper

216 100

214 80.2 63.0 94.4

179 23.5 18.1 27.1

108 22.7 17.2 25.8

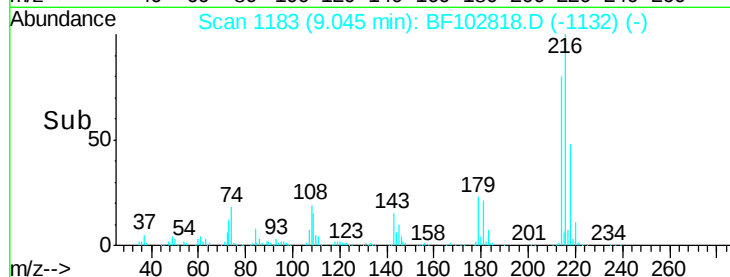


Abundance Ion 216.00 (215.70 to 216.70): E

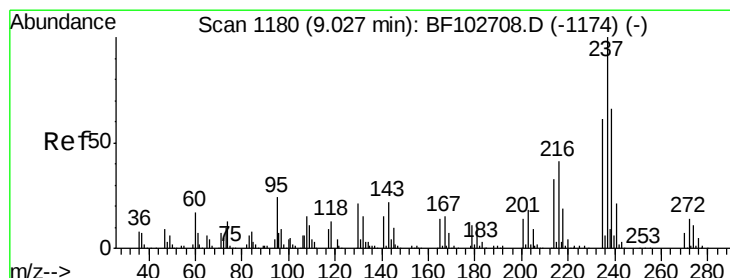
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 41.57 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

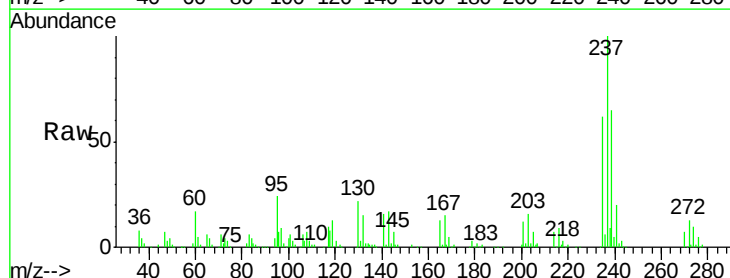
Tgt Ion:237 Resp: 179443

Ion Ratio Lower Upper

237 100

235 62.0 44.8 84.8

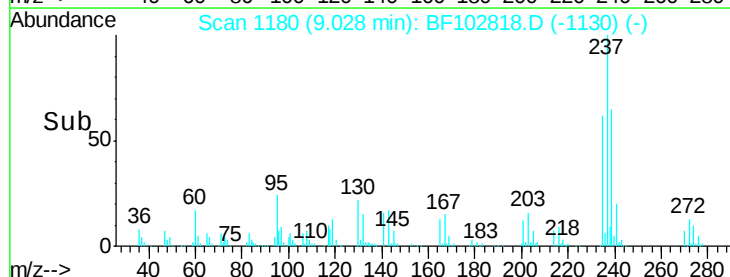
272 12.6 0.0 33.3



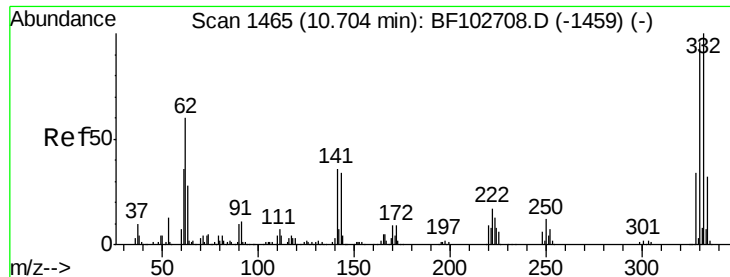
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



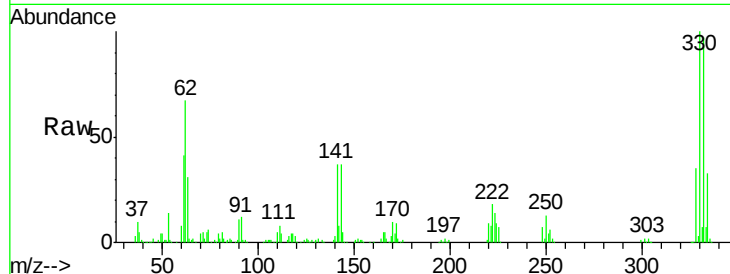
Time-->



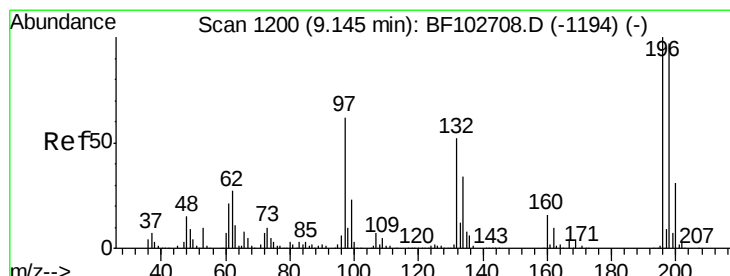
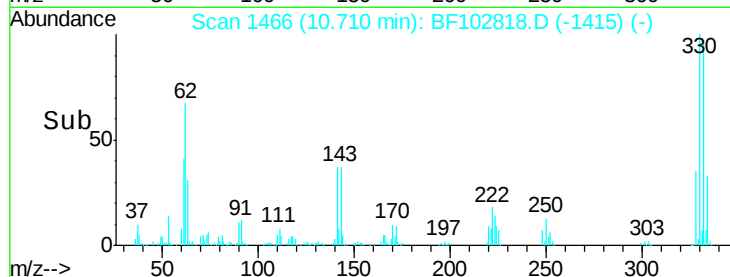
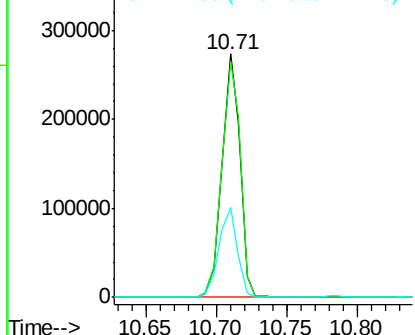
#41
 2,4,6-Tribromophenol
 Concen: 90.16 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 242009
 Ion Ratio Lower Upper
 330 100
 332 100.0 77.0 115.6
 141 37.9 29.9 44.9

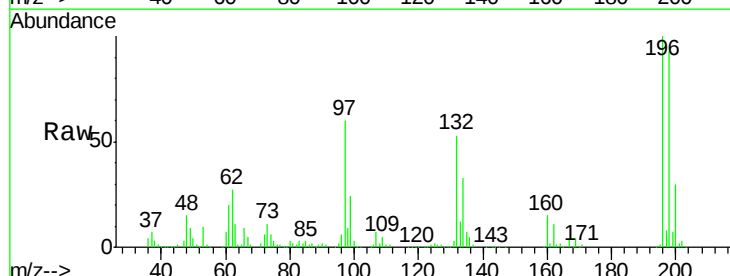


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

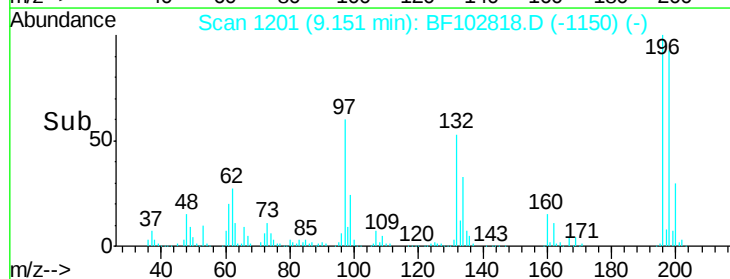
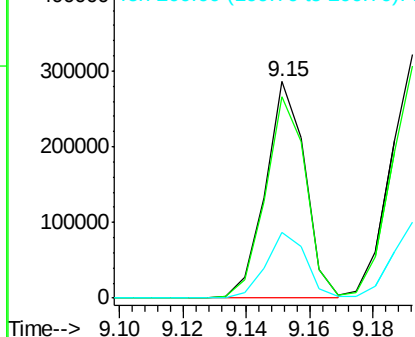


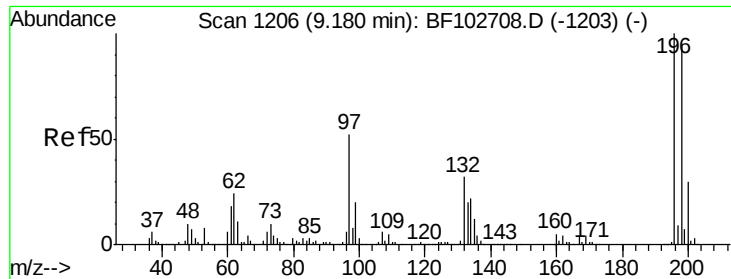
#42
 2,4,6-Trichlorophenol
 Concen: 41.49 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Tgt Ion:196 Resp: 247458
 Ion Ratio Lower Upper
 196 100
 198 93.0 75.7 113.5
 200 30.3 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

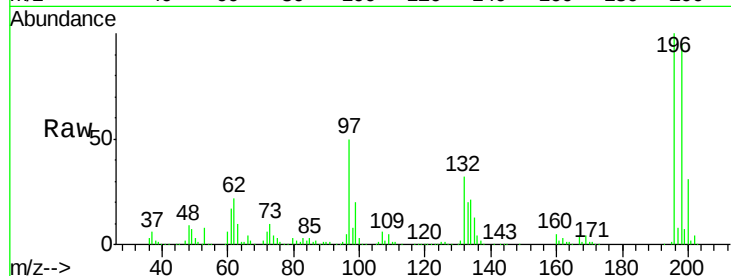




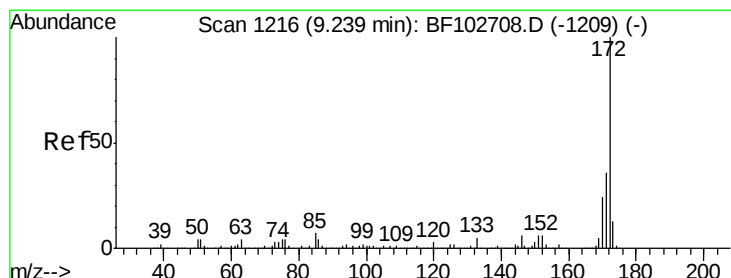
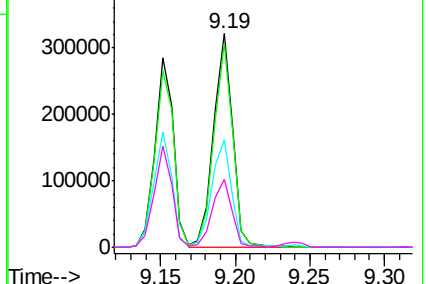
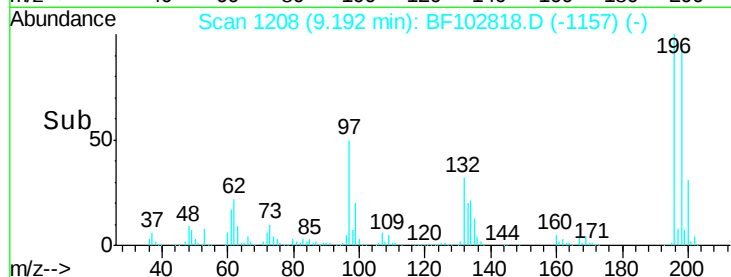
#43
 2,4,5-Trichlorophenol
 Concen: 42.48 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		285536		
198	95.3	74.6	112.0		
97	50.4	42.9	64.3		
132	31.9	26.3	39.5		

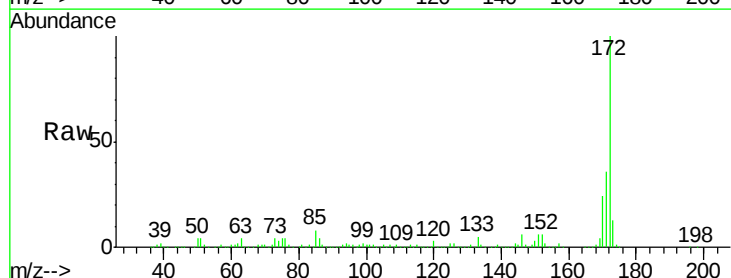


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

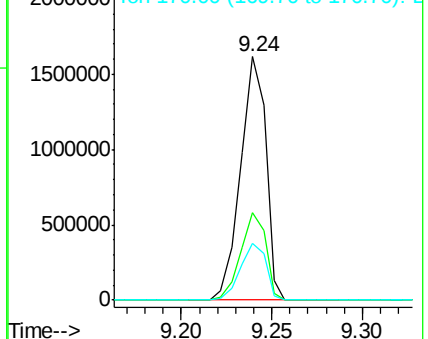
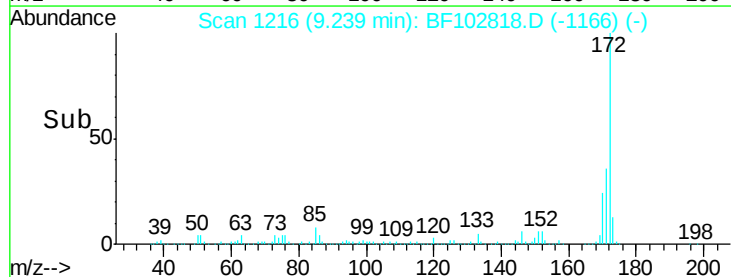


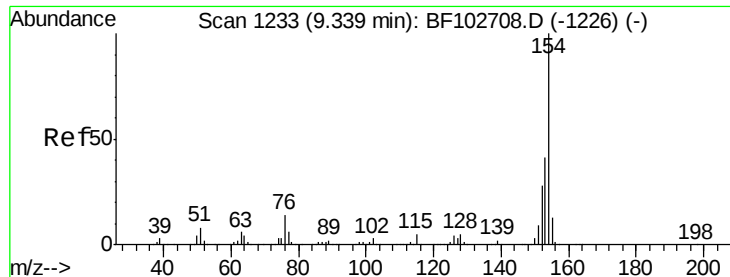
#44
 2-Fluorobiphenyl
 Concen: 78.08 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1569197		
171	35.9	29.7	44.5		
170	23.6	19.6	29.4		



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



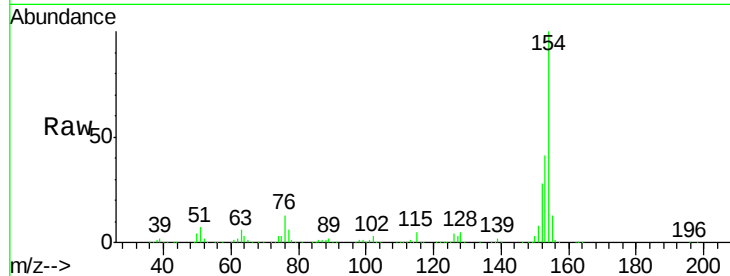


#45
 1,1'-Biphenyl
 Concen: 37.81 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

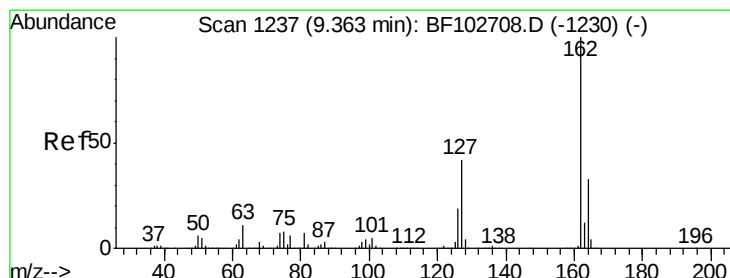
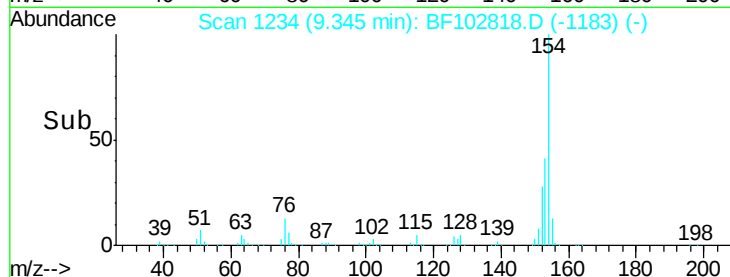
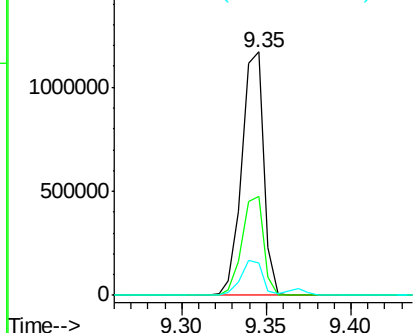
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 1062071

Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.3	61.3
76	13.1	0.0	34.0



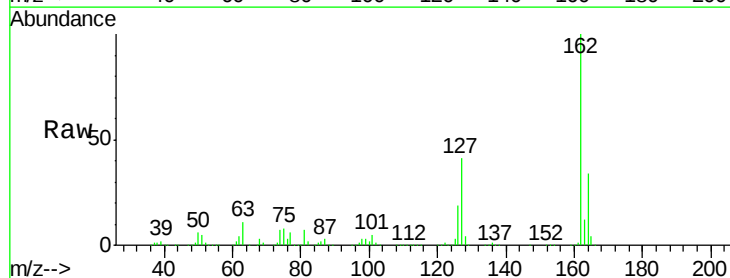
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



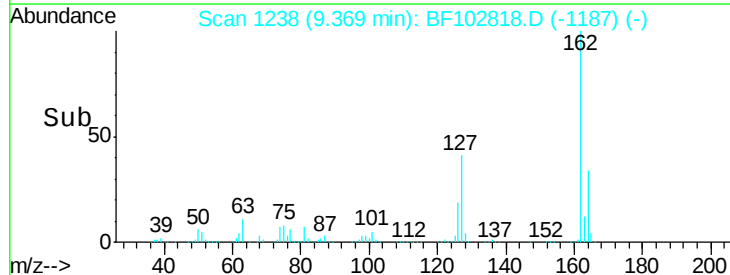
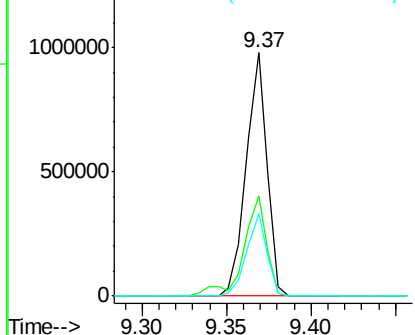
#46
 2-Chloronaphthalene
 Concen: 38.26 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

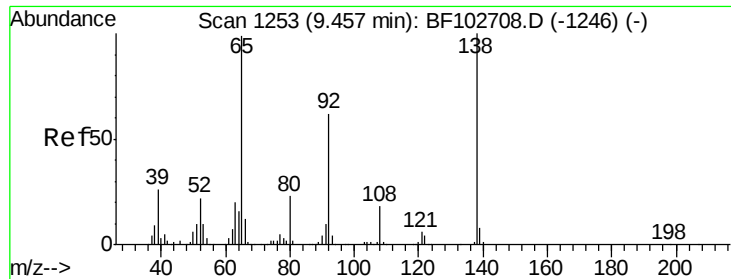
Tgt Ion:162 Resp: 846150

Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.9	50.9
164	33.6	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

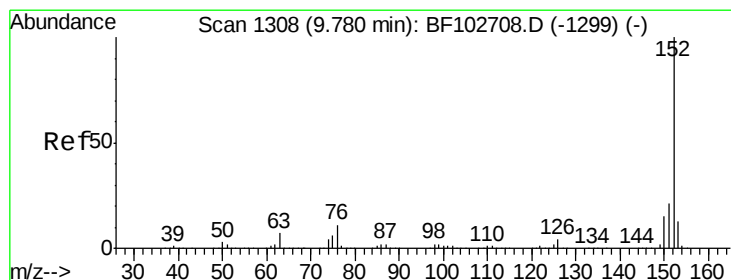
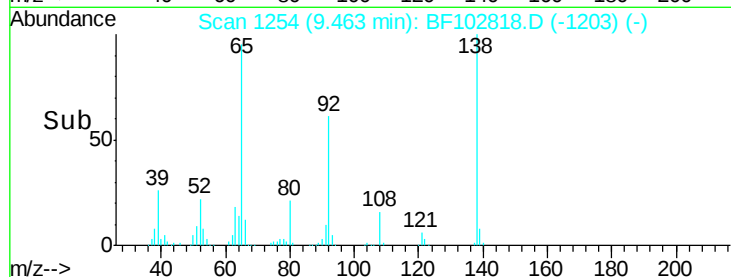
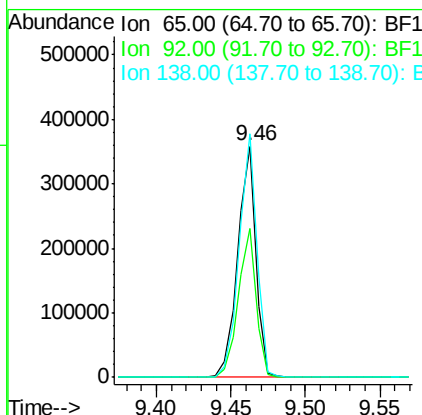
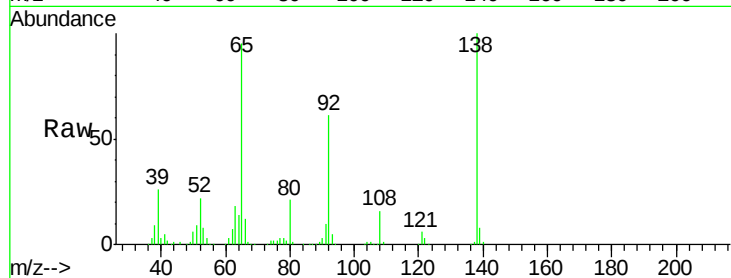




#47
2-Nitroaniline
Concen: 45.25 ng
RT: 9.46 min Scan# 1254
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

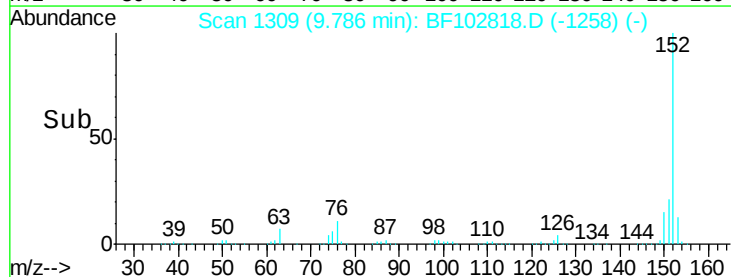
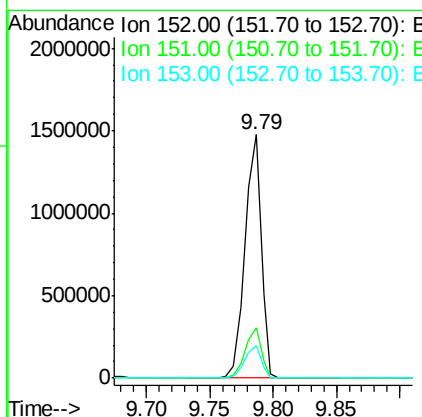
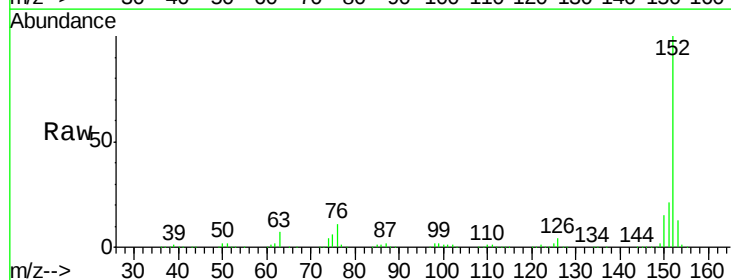
Instrument :
BNA_F
ClientSampleId :

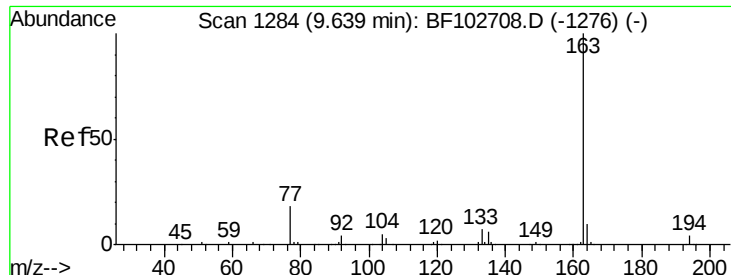
Tot Ion: 65 Resp: 307338
Ion Ratio Lower Upper
65 100
92 64.3 55.8 83.6
138 105.5 91.2 136.8



#48
Acenaphthylene
Concen: 38.00 ng
RT: 9.79 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion: 152 Resp: 1305105
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.3 10.7 16.1

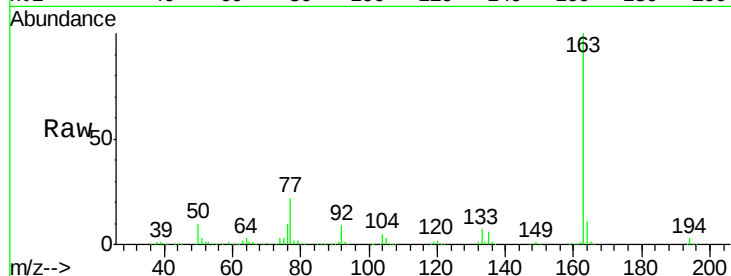




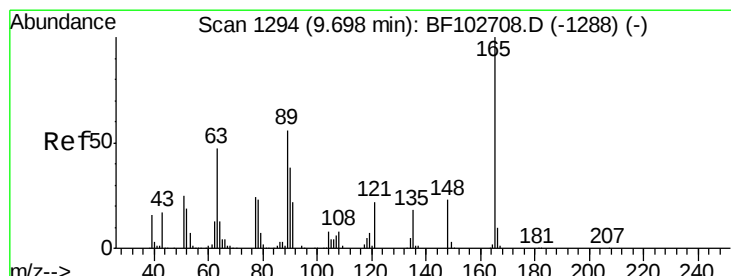
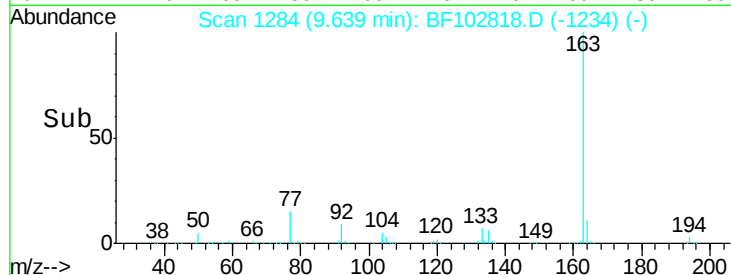
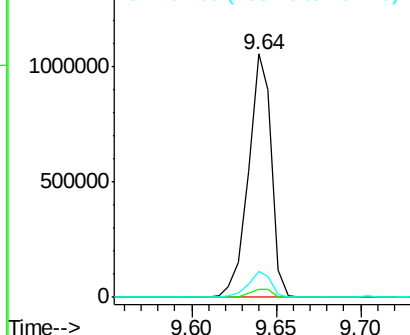
#49
Dimethylphthalate
Concen: 38.49 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 1000935
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.8 8.2 12.2

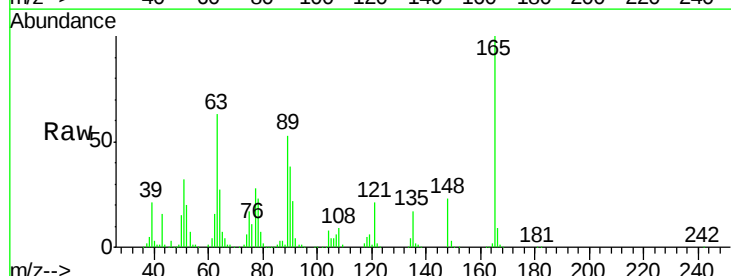


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

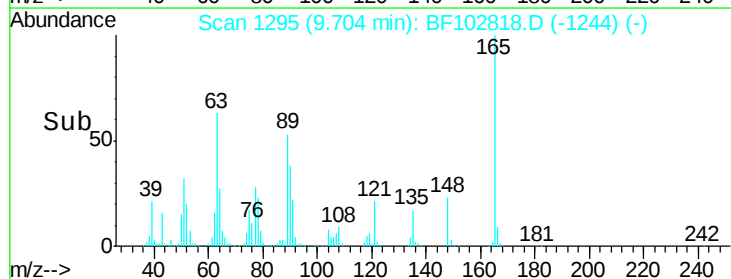
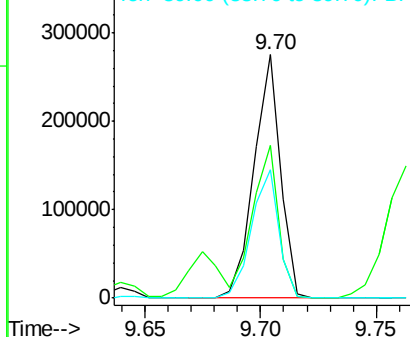


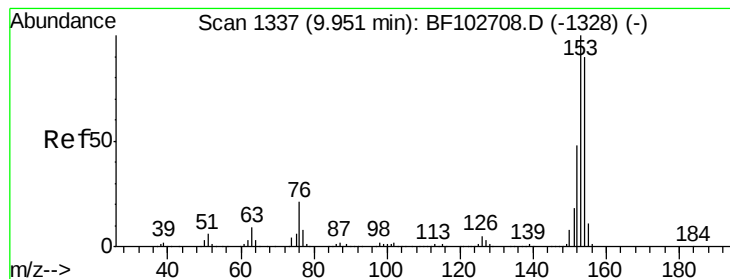
#50
2,6-Dinitrotoluene
Concen: 44.60 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion:165 Resp: 220624
Ion Ratio Lower Upper
165 100
63 62.9 44.7 67.1
89 53.0 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: 38.66 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

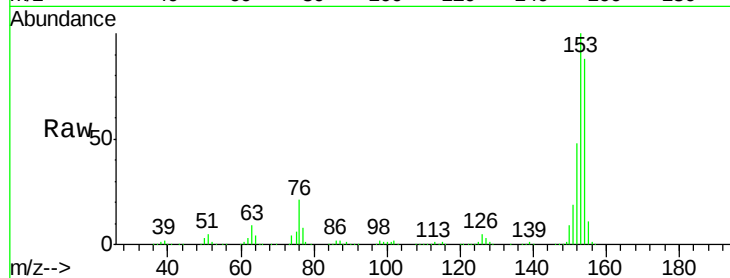
Tot Ion:154 Resp: 793997

Ion Ratio Lower Upper

154 100

153 113.2 91.2 136.8

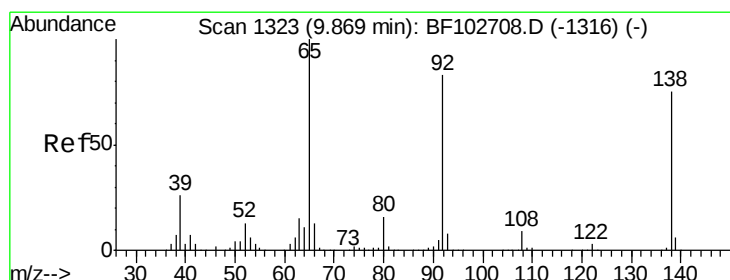
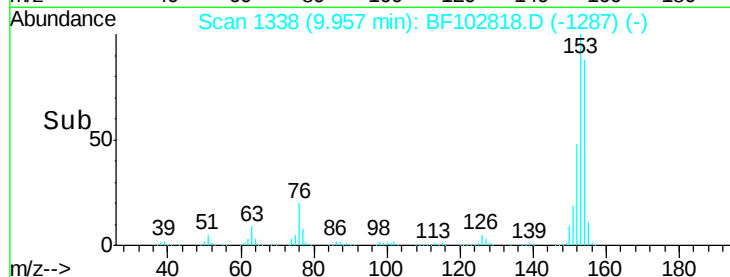
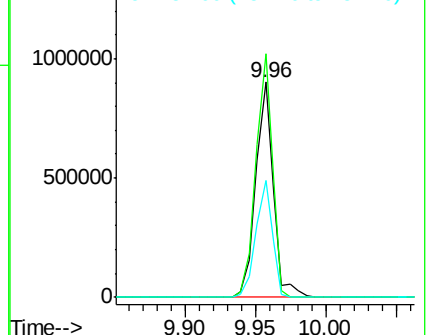
152 54.6 43.8 65.8



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: 44.95 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

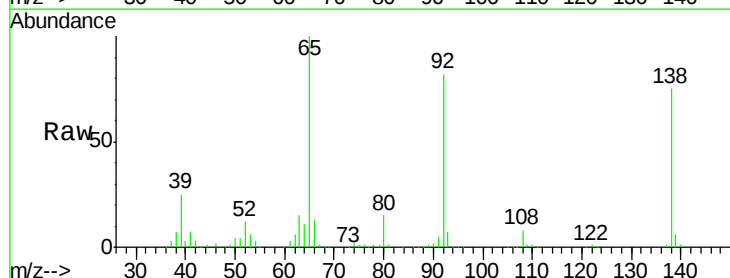
Tgt Ion:138 Resp: 273634

Ion Ratio Lower Upper

138 100

108 10.1 9.4 14.0

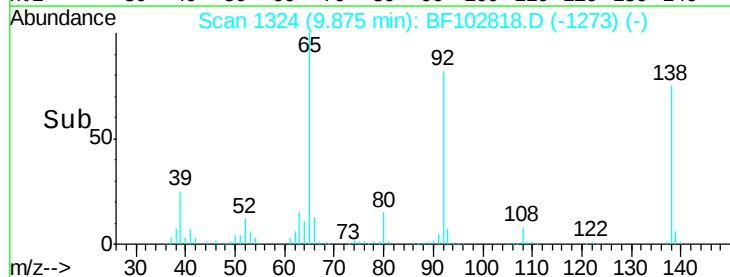
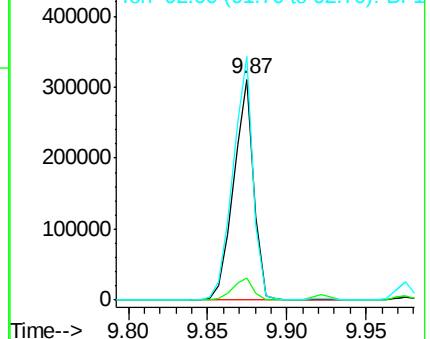
92 110.2 89.4 134.2

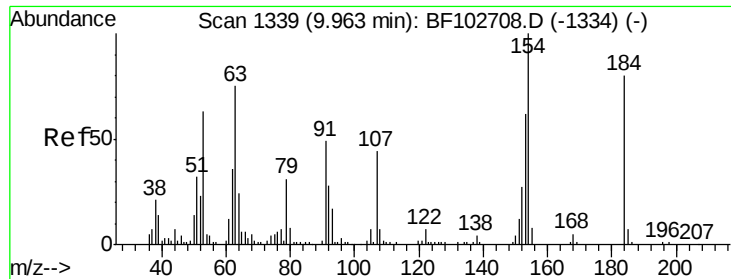


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

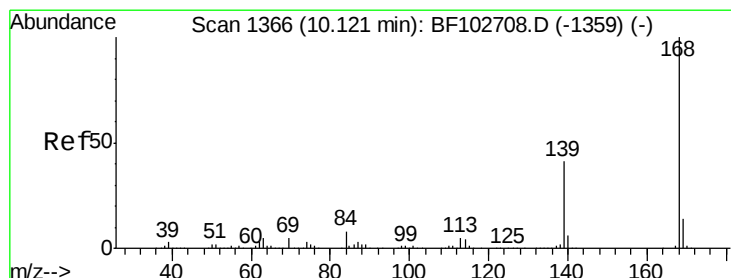
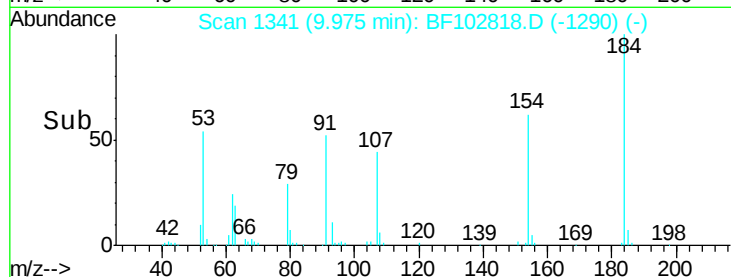
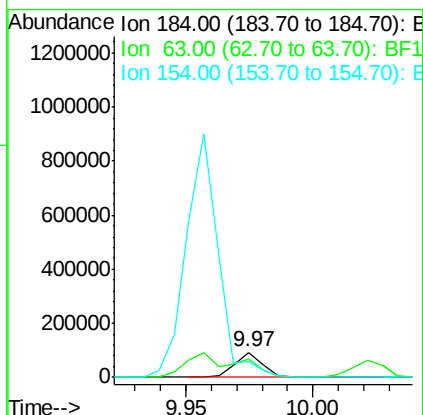
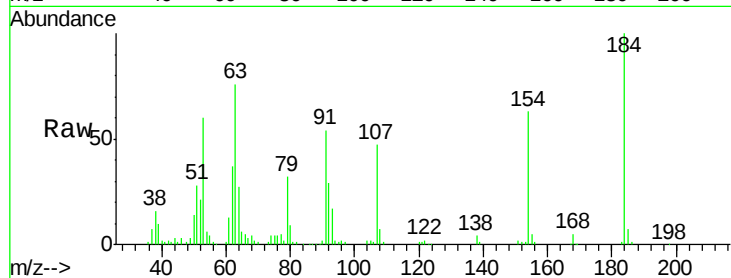




#53
 2,4-Dinitrophenol
 Concen: 54.16 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

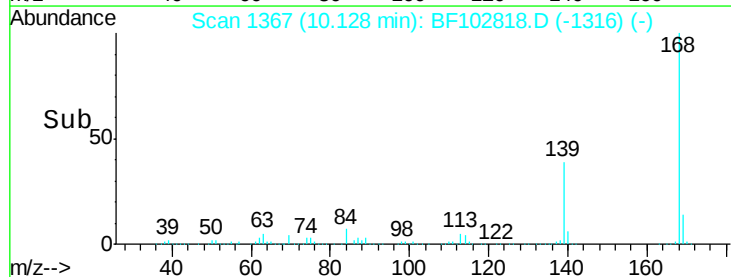
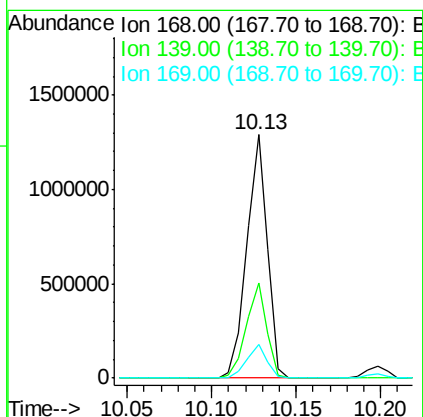
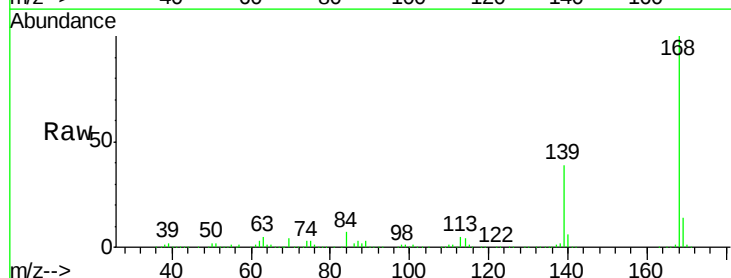
Instrument :
 BNA_F
 ClientSampled :

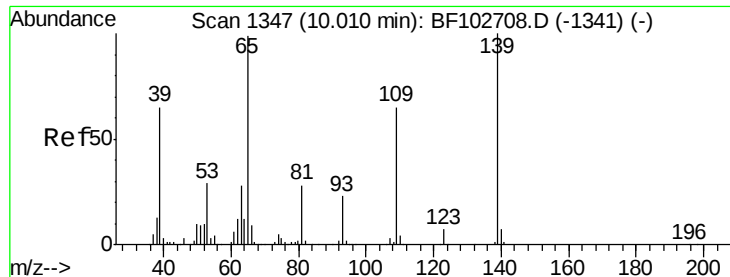
Tot Ion:184 Resp: 68768
 Ion Ratio Lower Upper
 184 100
 63 76.3 54.2 81.2
 154 63.1 184.0 276.0#



#54
 Dibenzofuran
 Concen: 37.96 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Tgt Ion:168 Resp: 1098718
 Ion Ratio Lower Upper
 168 100
 139 39.1 30.1 45.1
 169 13.7 10.9 16.3

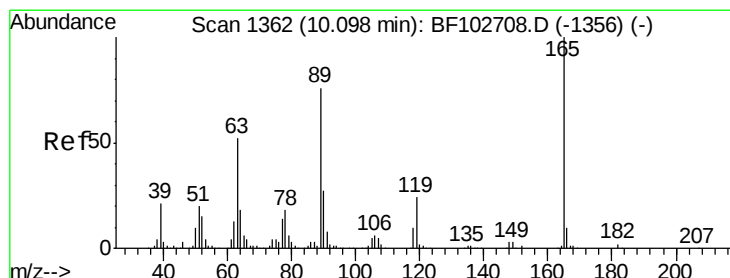
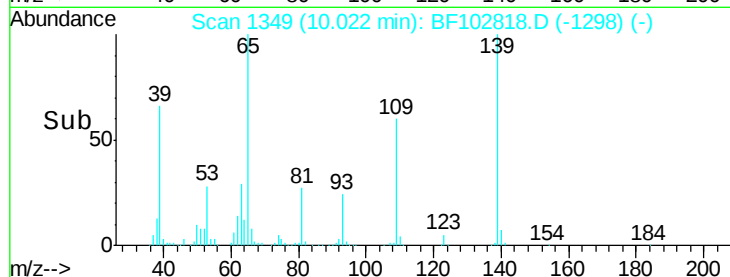
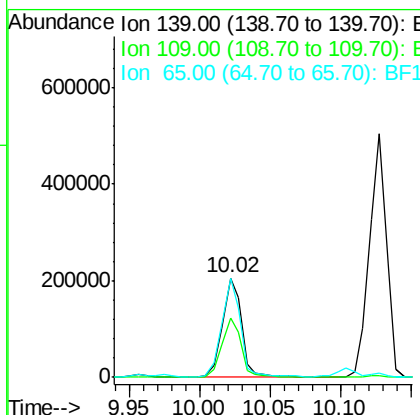
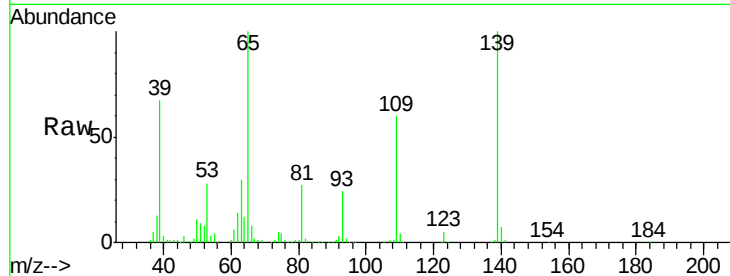




#55
4-Nitrophenol
Concen: 41.31 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

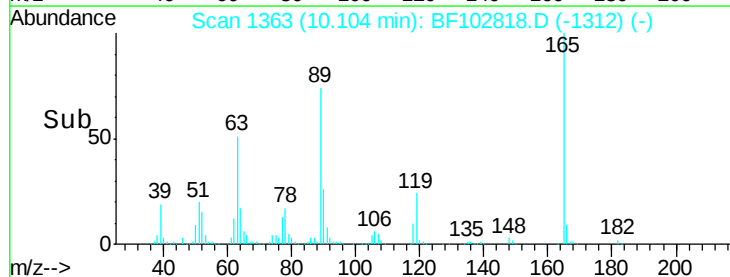
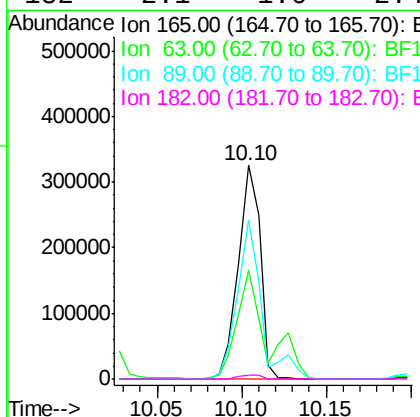
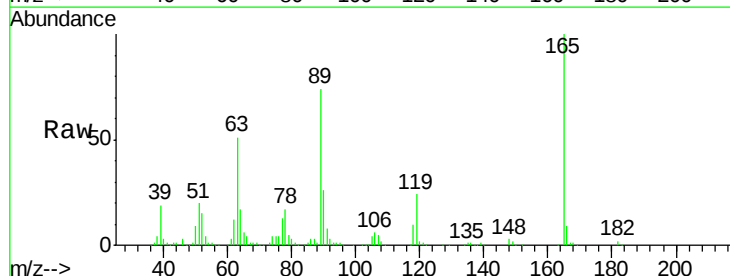
Instrument :
BNA_F
ClientSampleId :

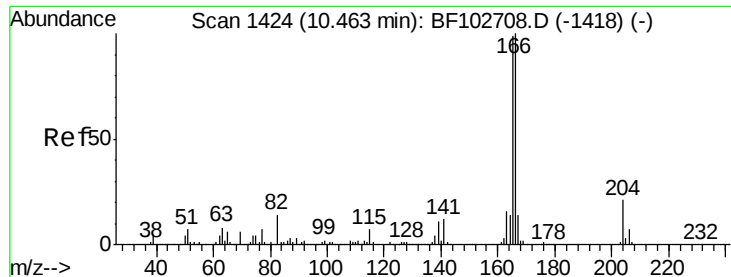
Tot Ion:139 Resp: 196373
Ion Ratio Lower Upper
139 100
109 60.3 48.4 88.4
65 100.2 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 44.61 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion:165 Resp: 294408
Ion Ratio Lower Upper
165 100
63 50.8 36.4 54.6
89 74.2 57.8 86.6
182 2.1 1.6 2.4

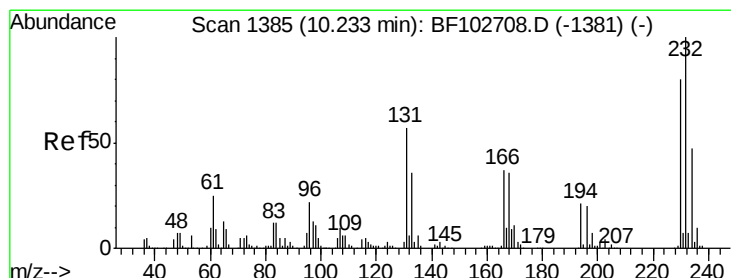
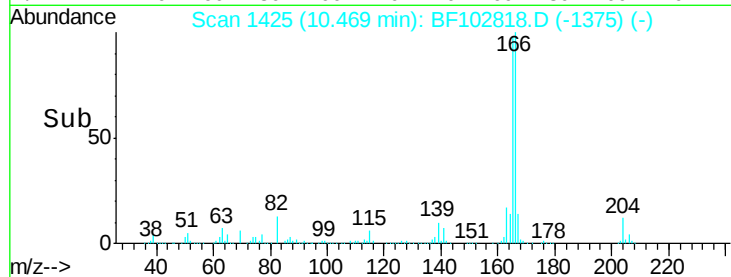
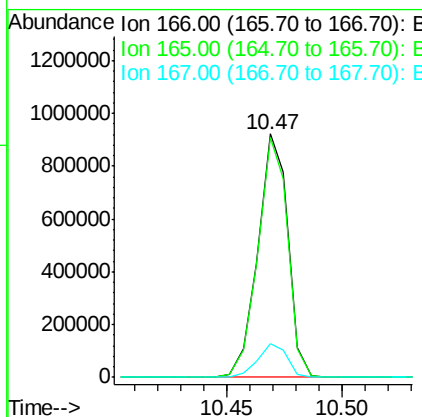
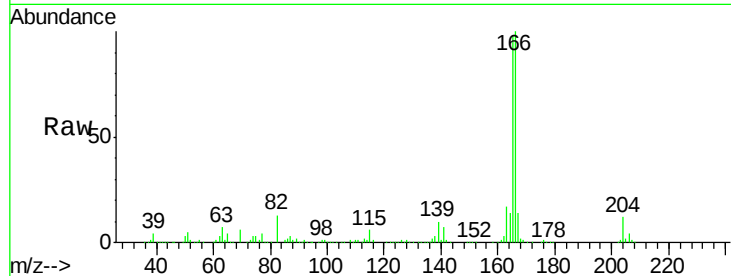




#57
 Fluorene
 Concen: 39.73 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

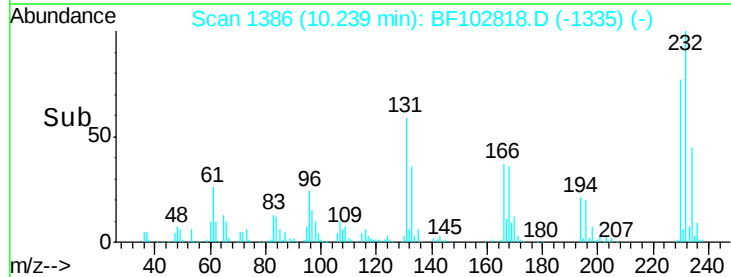
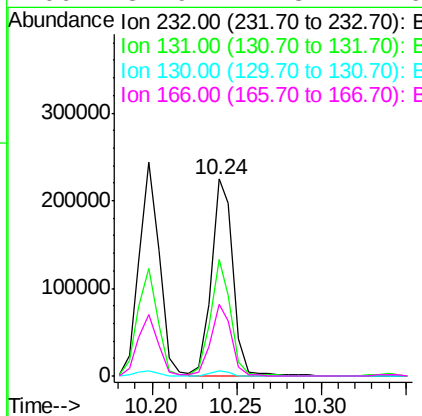
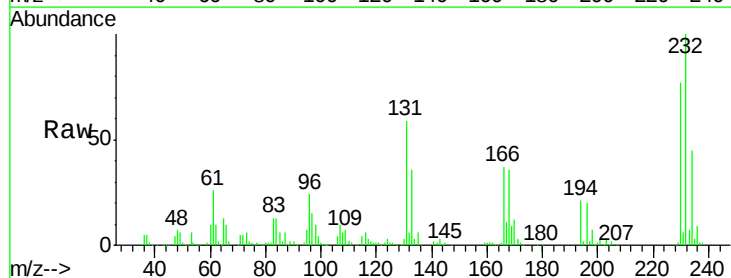
Instrument :
 BNA_F
 ClientSampleId :

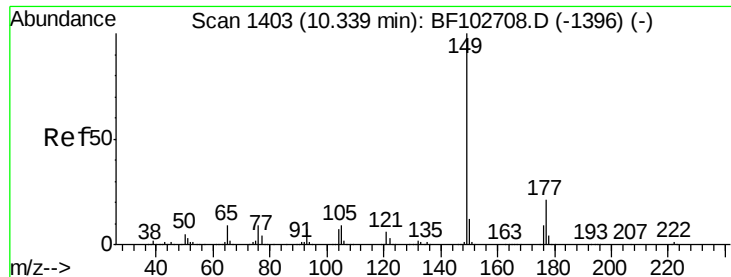
Tot Ion:166 Resp: 836659
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.8 119.8
 167 13.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.07 ng
 RT: 10.24 min Scan# 1386
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Tgt Ion:232 Resp: 200658
 Ion Ratio Lower Upper
 232 100
 131 54.6 43.8 65.8
 130 2.6 2.1 3.1
 166 34.9 27.8 41.6

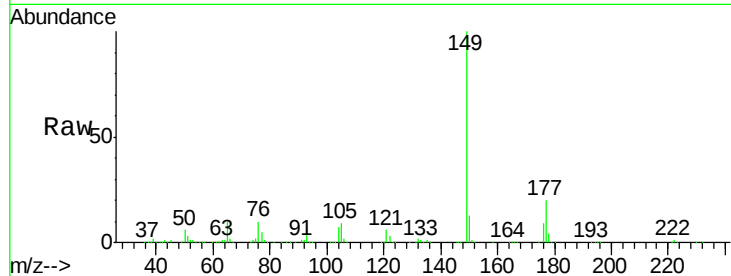




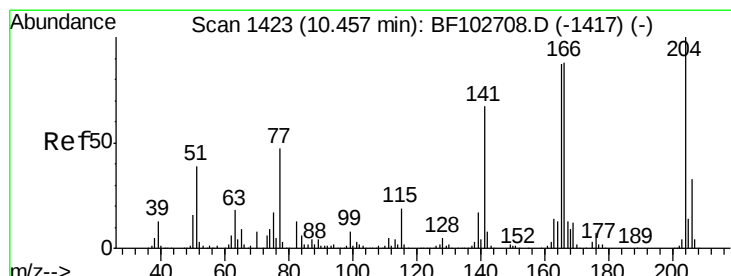
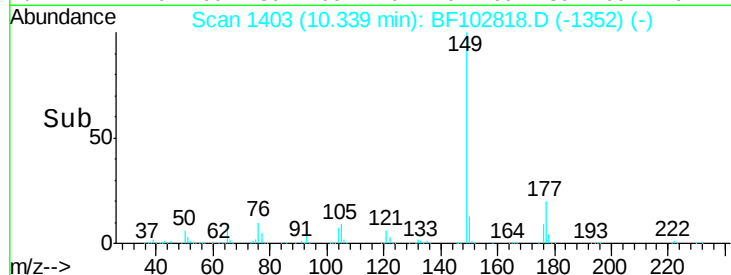
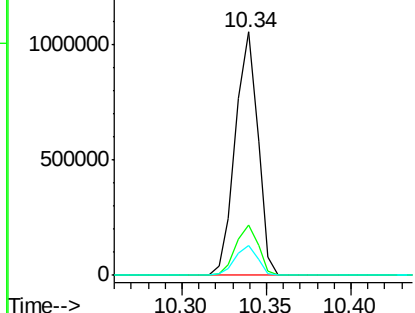
#59
Diethylphthalate
Concen: 38.19 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 980476
Ion Ratio Lower Upper
149 100
177 20.4 16.1 24.1
150 12.5 10.1 15.1

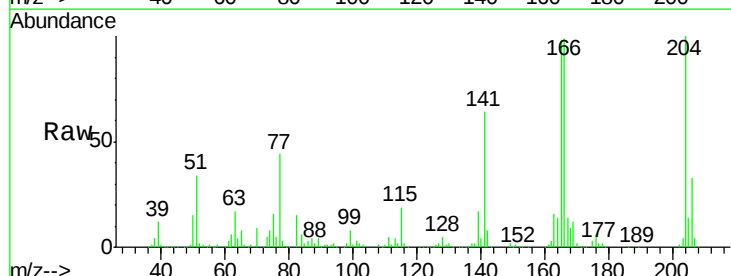


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

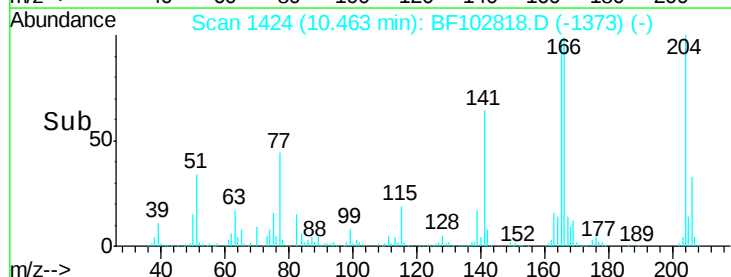
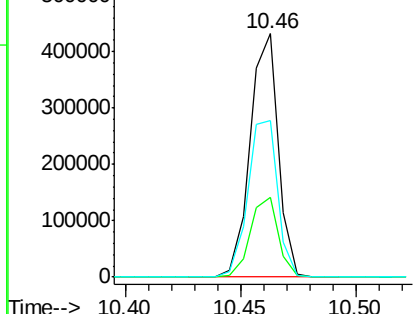


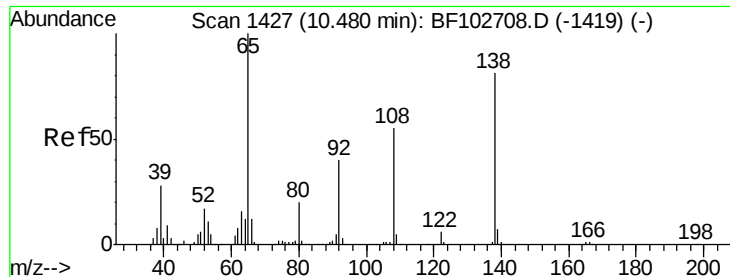
#60
4-Chlorophenyl-phenylether
Concen: 39.49 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion:204 Resp: 367884
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 64.4 54.6 81.8



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

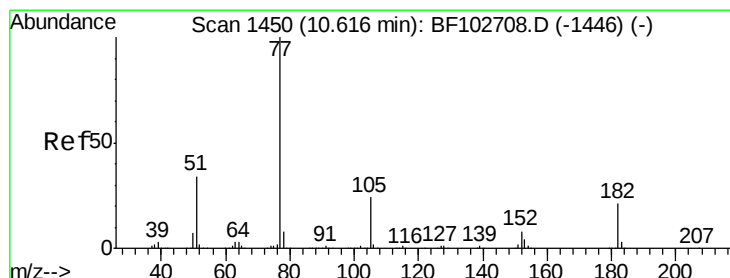
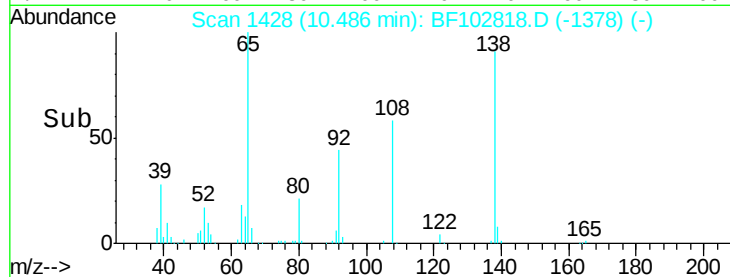
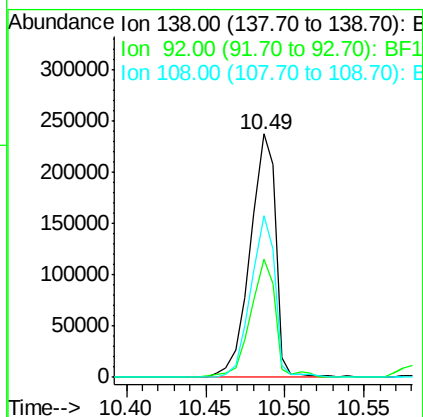
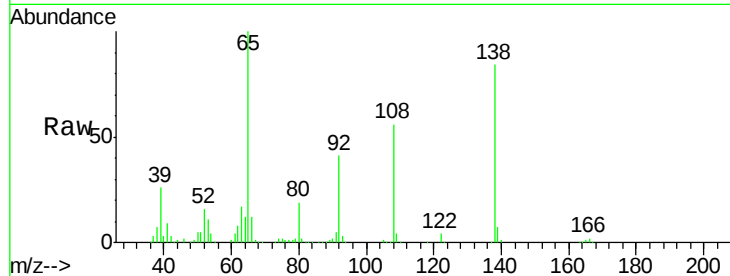




#61
4-Nitroaniline
Concen: 45.82 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

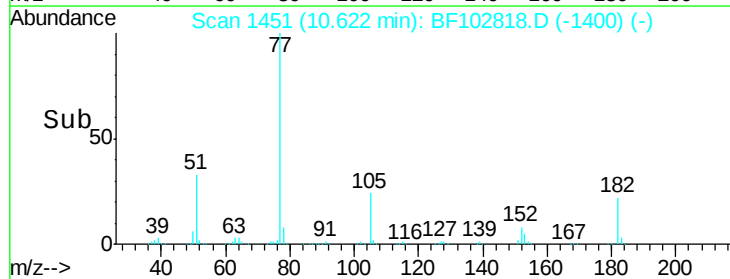
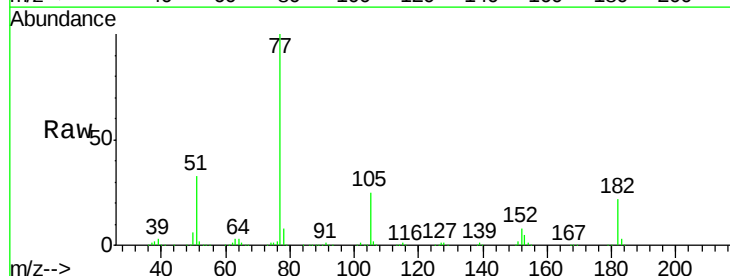
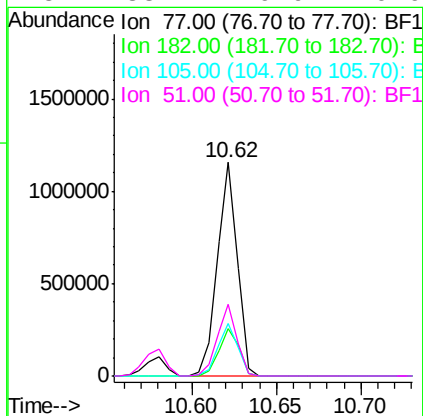
Instrument :
BNA_F
ClientSampleId :

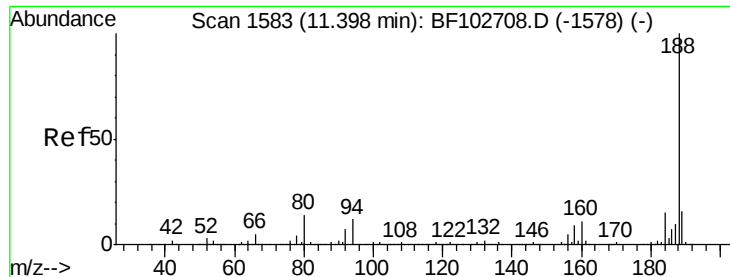
Tot Ion:138 Resp: 265496
Ion Ratio Lower Upper
138 100
92 48.5 30.2 70.2
108 66.3 52.5 92.5



#62
Azobenzene
Concen: 37.20 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion: 77 Resp: 954029
Ion Ratio Lower Upper
77 100
182 22.2 1.7 41.7
105 24.5 3.0 43.0
51 33.4 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

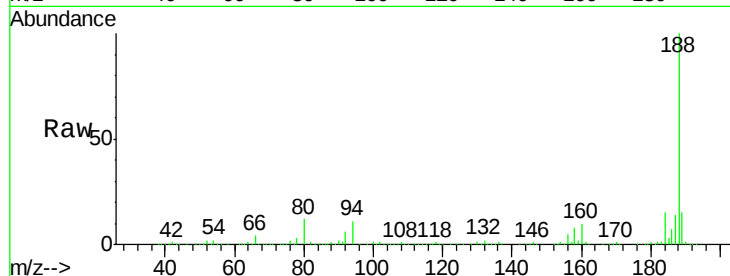
Tot Ion:188 Resp: 585851

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

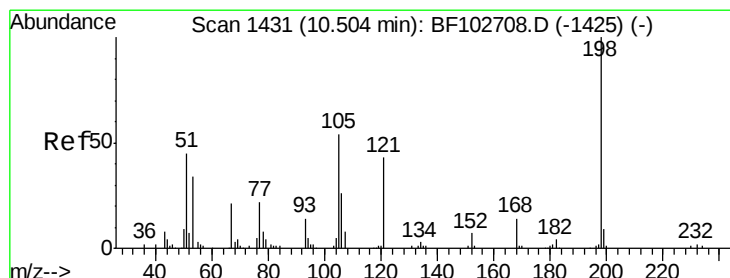
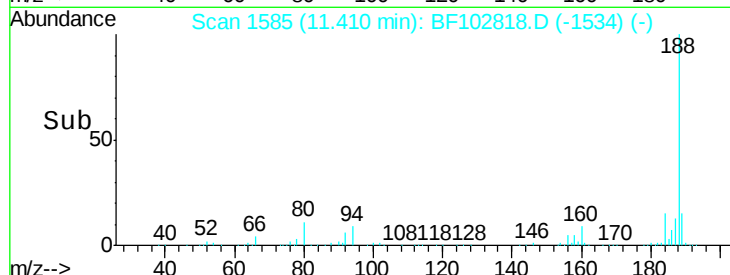
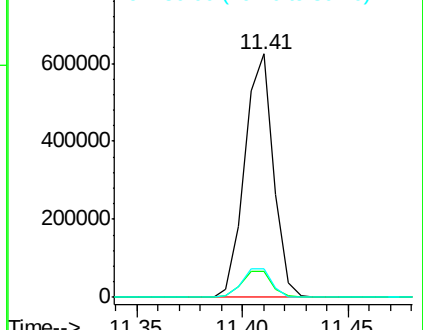
80 11.6 9.2 13.8



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: 52.39 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

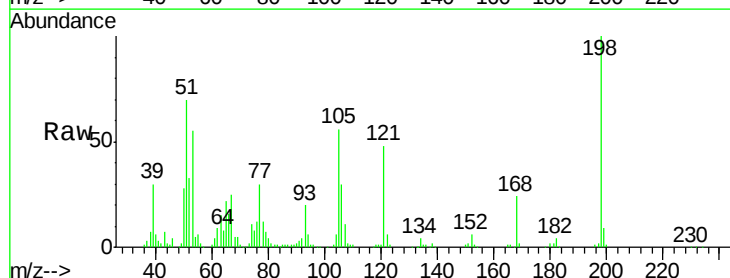
Tgt Ion:198 Resp: 131864

Ion Ratio Lower Upper

198 100

51 70.3 37.7 77.7

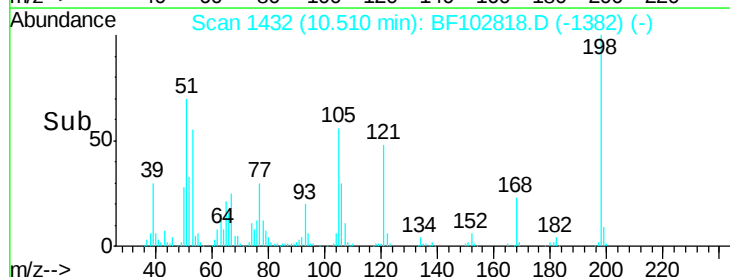
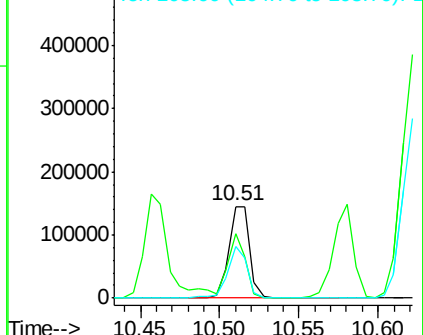
105 55.8 36.3 76.3

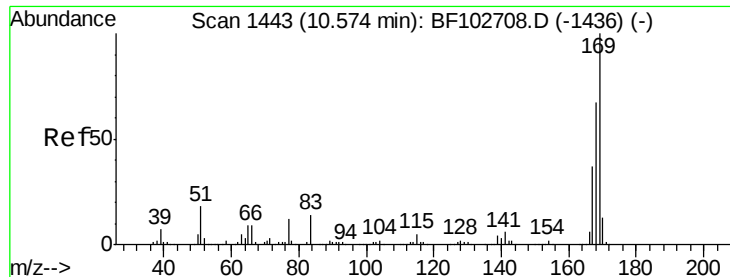


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.64 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

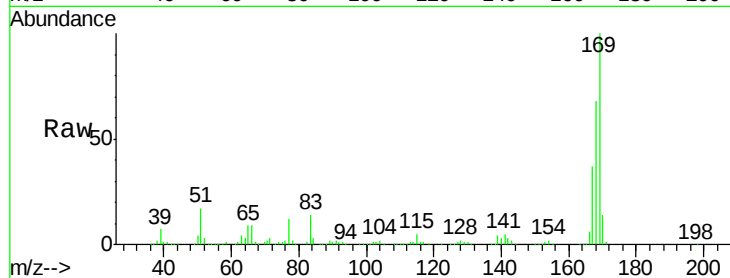
Instrument :

BNA_F

ClientSampleId :

Tot Ion:169 Resp: 777900

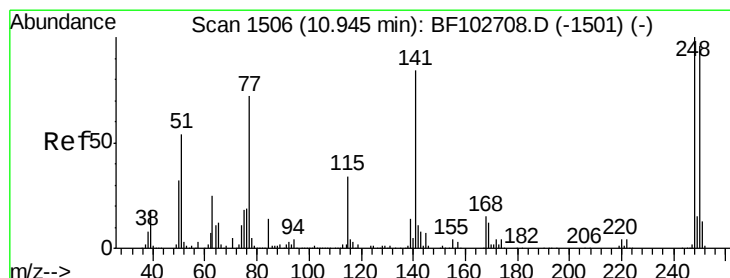
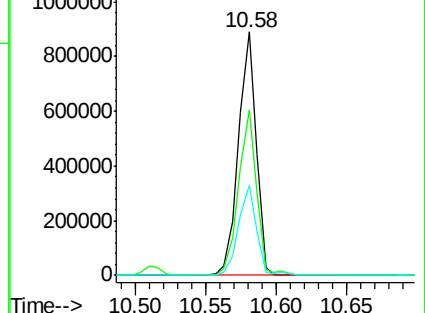
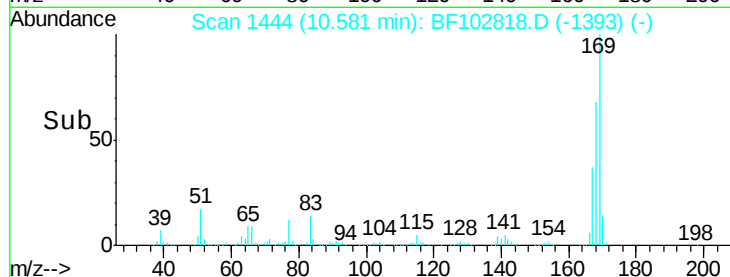
Ion	Ratio	Lower	Upper
169	100		
168	68.0	54.4	81.6
167	37.2	29.8	44.6



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: 38.35 ng

RT: 10.95 min Scan# 1507

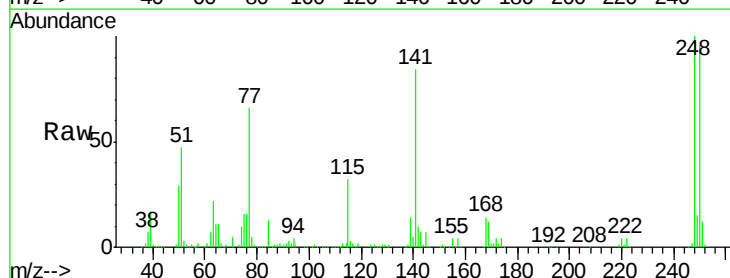
Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Tgt Ion:248 Resp: 237638

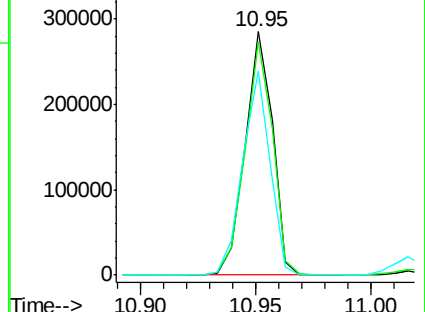
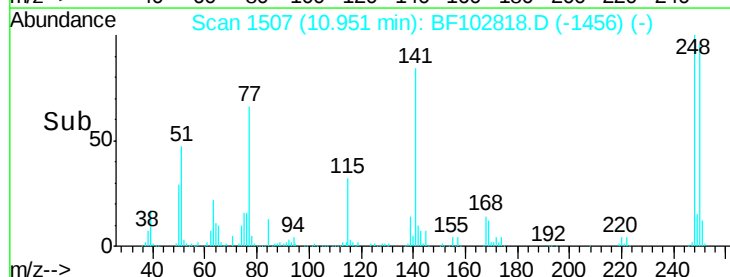
Ion	Ratio	Lower	Upper
248	100		
250	96.1	76.9	115.3
141	83.5	74.4	111.6

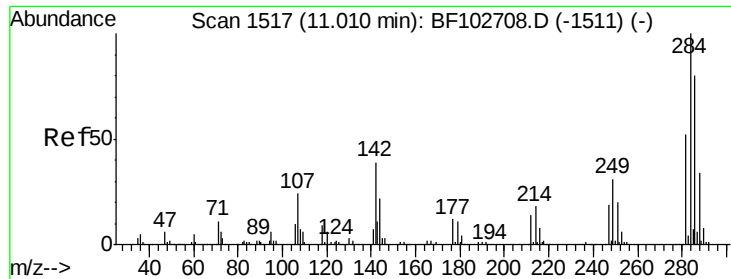


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

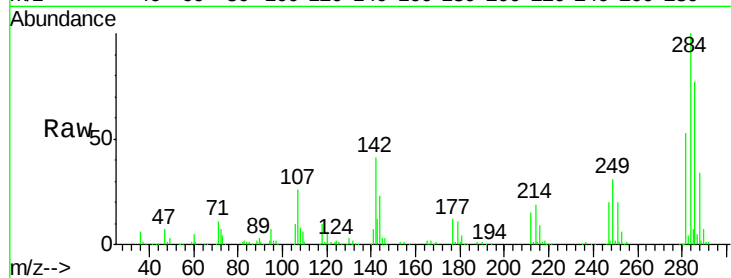




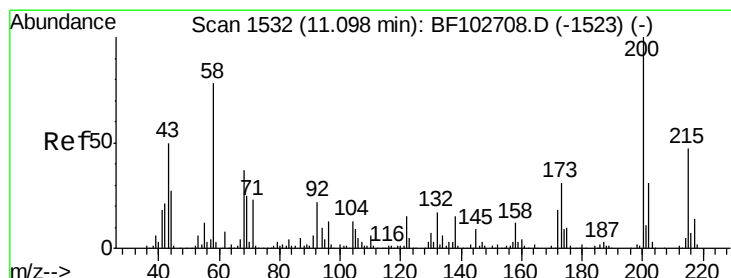
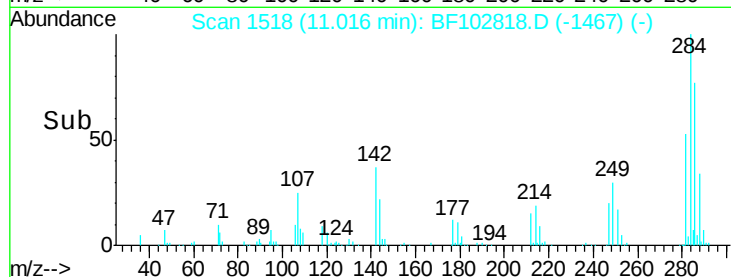
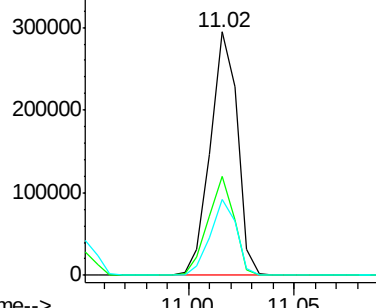
#67
Hexachlorobenzene
Concen: 38.11 ng
RT: 11.02 min Scan# 1518
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 260556
Ion Ratio Lower Upper
284 100
142 40.7 34.6 52.0
249 31.0 24.8 37.2

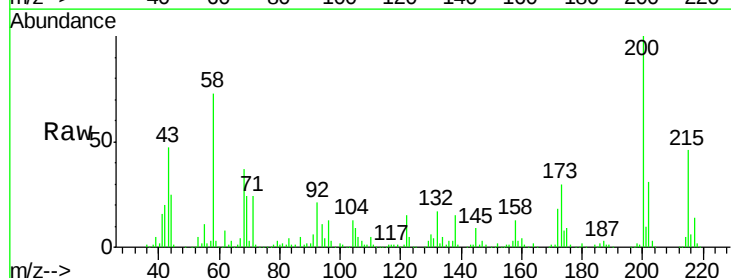


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

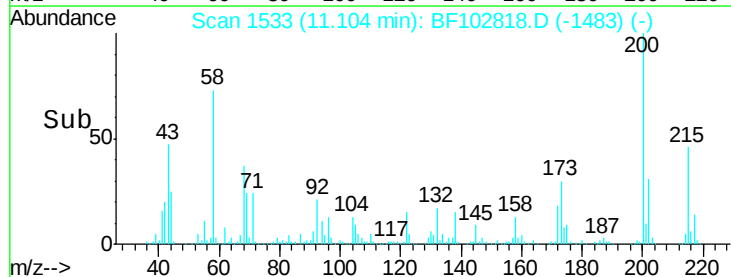
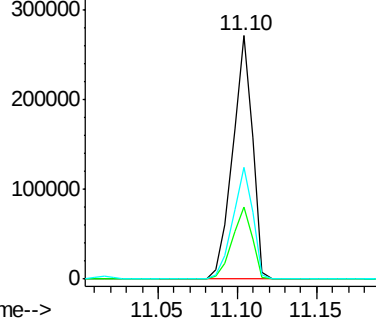


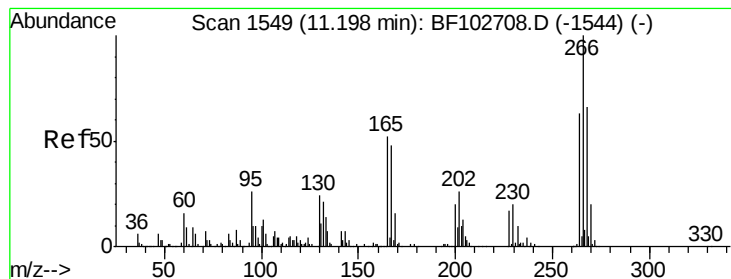
#68
Atrazine
Concen: 39.31 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion:200 Resp: 239627
Ion Ratio Lower Upper
200 100
173 29.9 8.6 48.6
215 45.7 25.1 65.1



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





#69

Pentachlorophenol

Concen: 39.82 ng

RT: 11.21 min Scan# 1551

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampled :

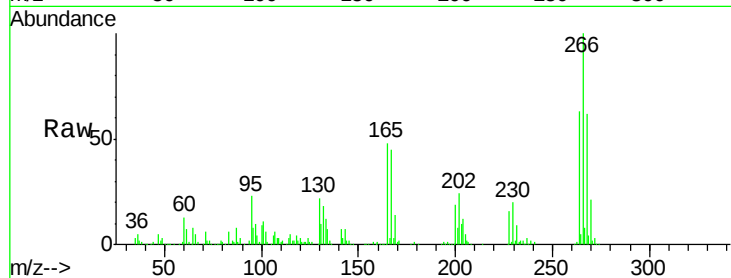
Tot Ion:266 Resp: 159812

Ion Ratio Lower Upper

266 100

268 62.0 51.1 76.7

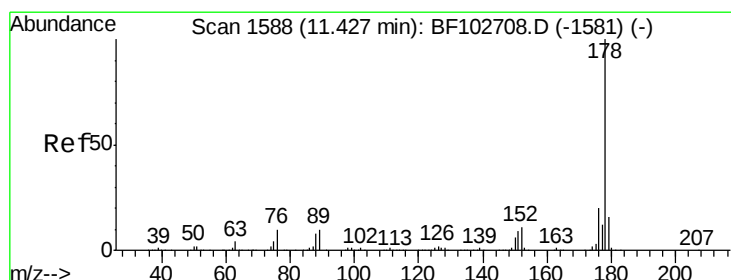
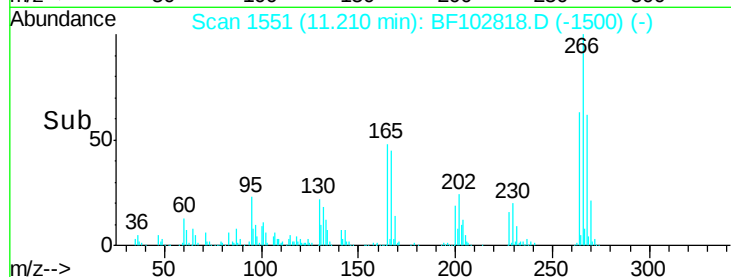
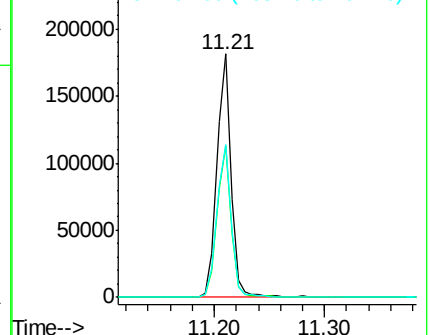
264 62.8 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.18 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

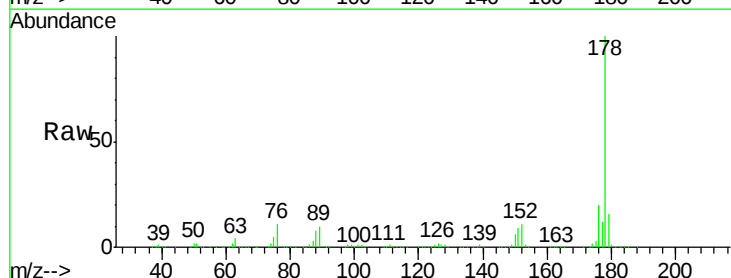
Tgt Ion:178 Resp: 1213141

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

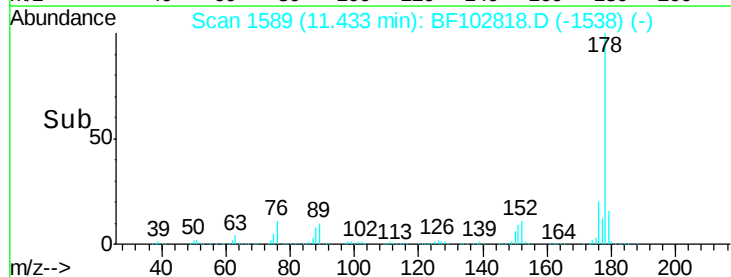
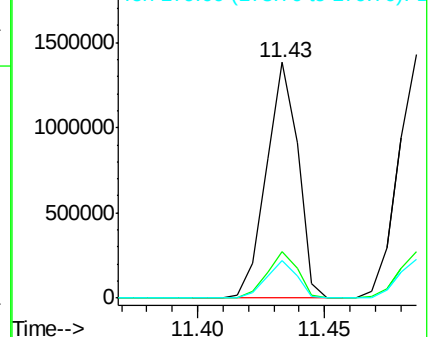
179 15.7 13.0 19.6

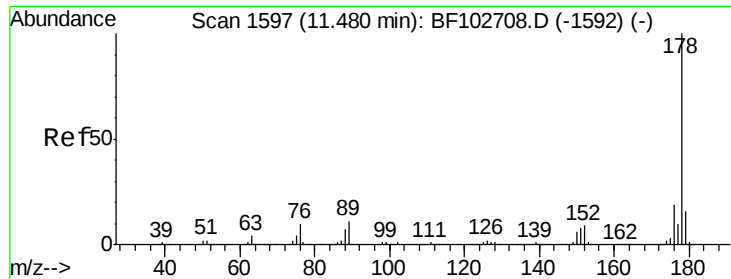


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

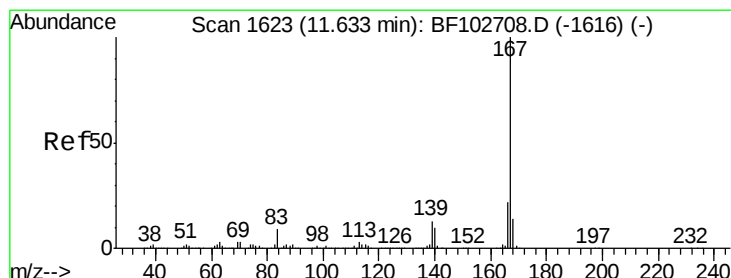
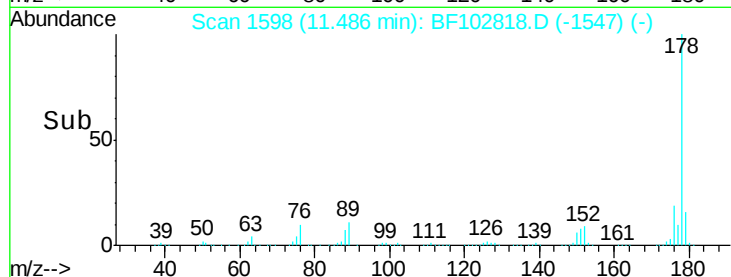
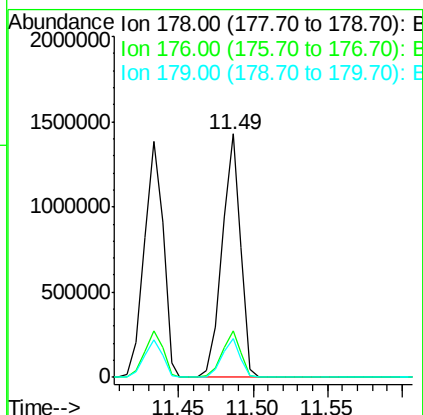
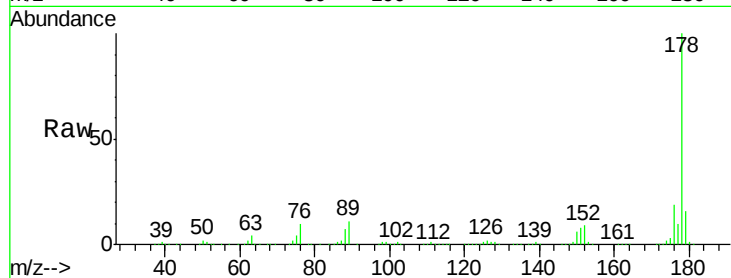




#71
 Anthracene
 Concen: 37.54 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

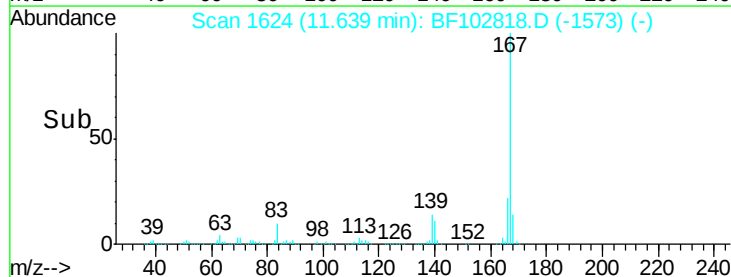
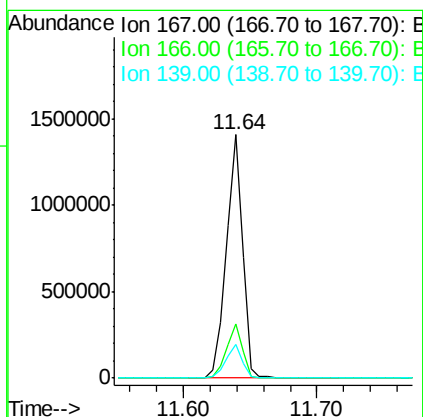
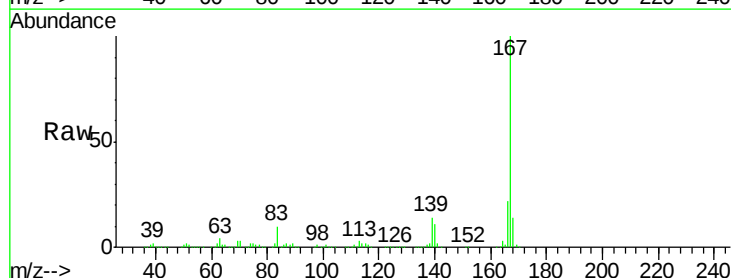
Instrument :
 BNA_F
 ClientSampleId :

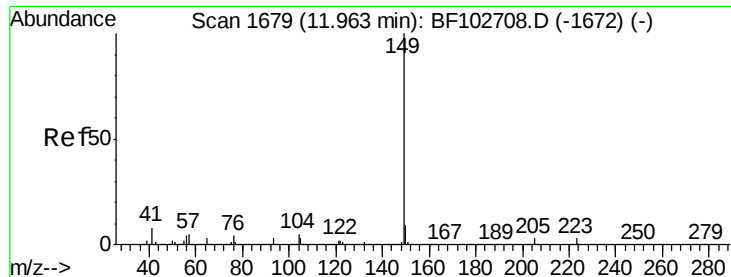
Tot Ion:178 Resp: 1245825
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.4 23.2
 179 15.7 12.6 19.0



#72
 Carbazole
 Concen: 37.49 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Tgt Ion:167 Resp: 1218837
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.6 26.4
 139 14.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 38.95 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

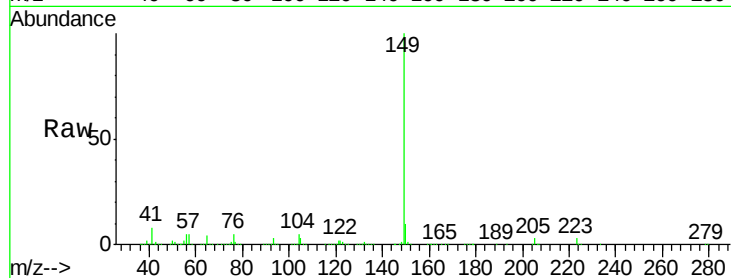
Tot Ion:149 Resp: 1538368

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

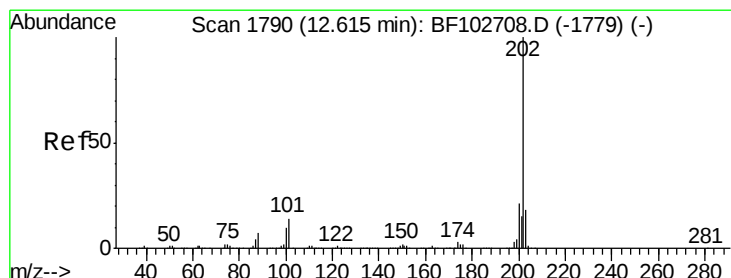
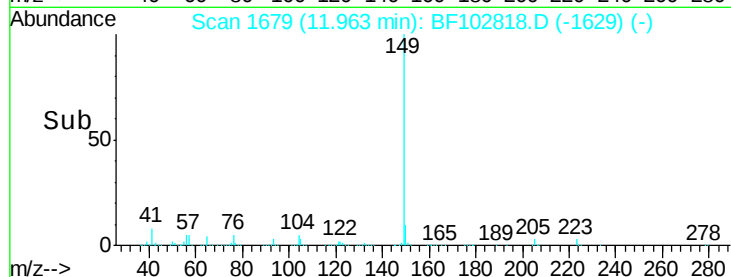
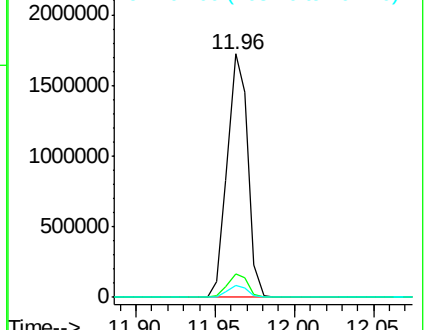
104 4.9 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.20 ng

RT: 12.62 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

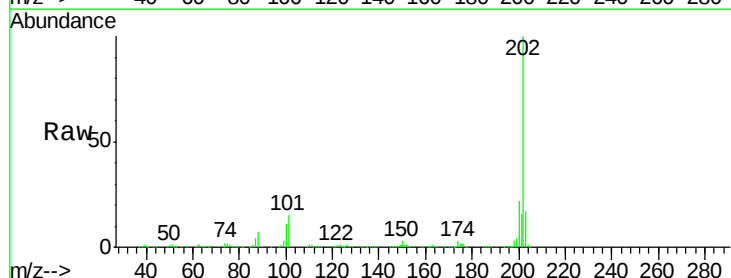
Tgt Ion:202 Resp: 1254144

Ion Ratio Lower Upper

202 100

101 15.0 0.0 34.1

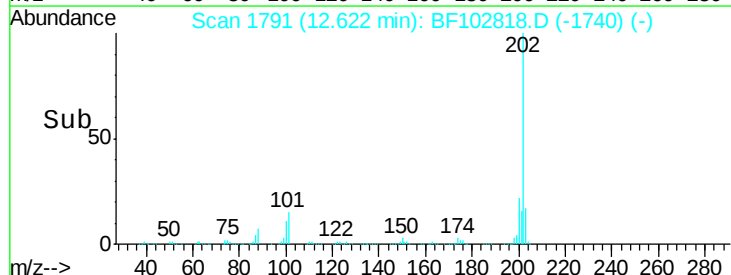
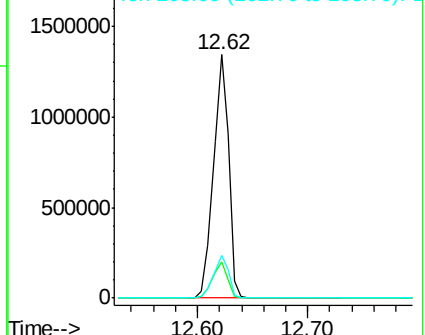
203 17.3 0.0 38.1

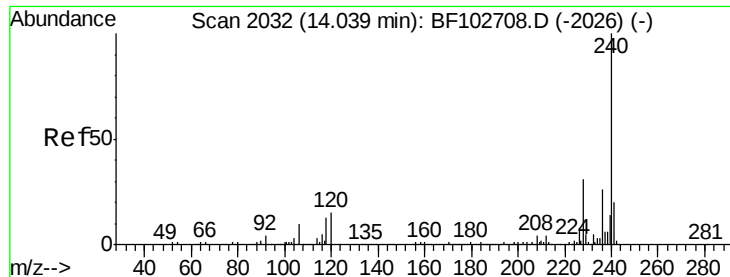


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

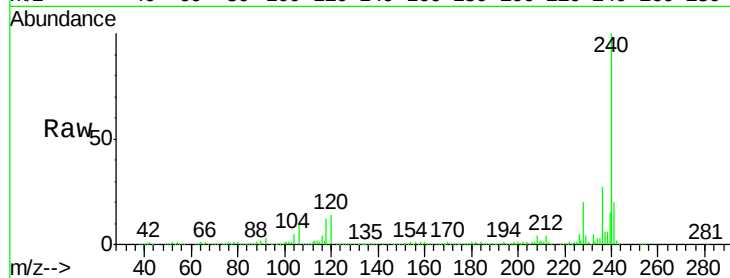
Tot Ion:240 Resp: 437364

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

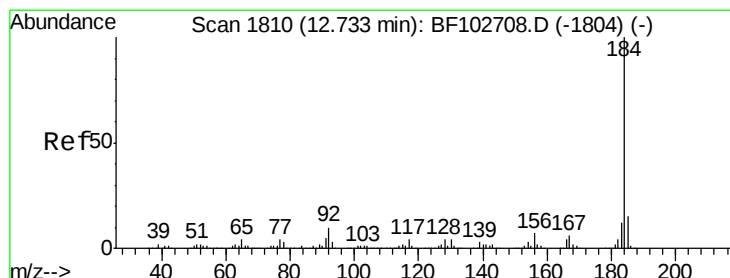
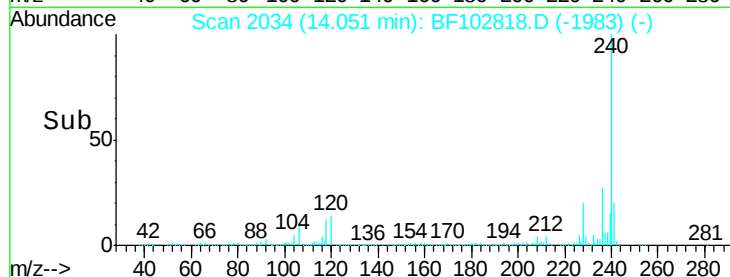
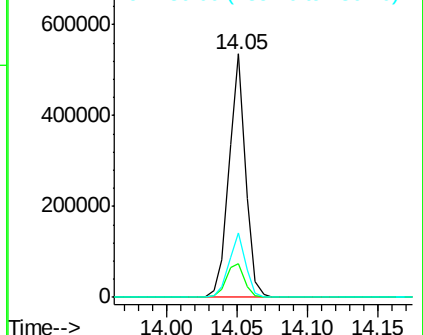
236 26.5 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 31.81 ng

RT: 12.74 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

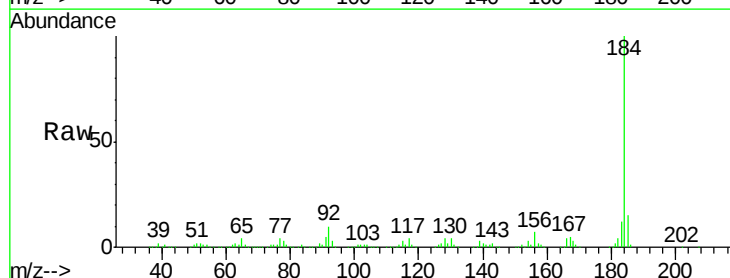
Tgt Ion:184 Resp: 639383

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

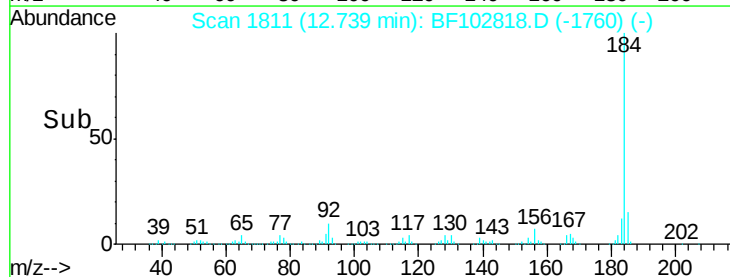
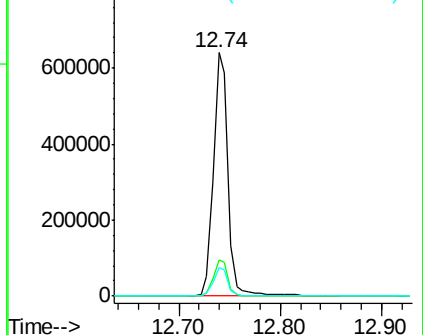
183 11.9 9.3 13.9

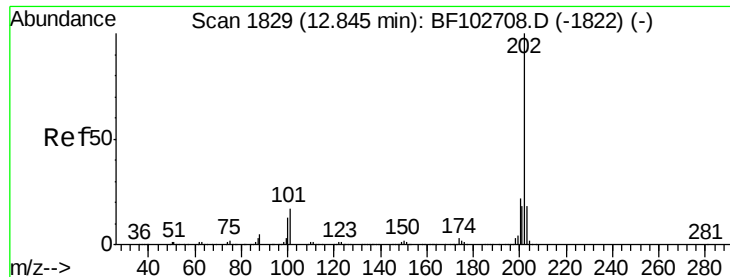


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.66 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

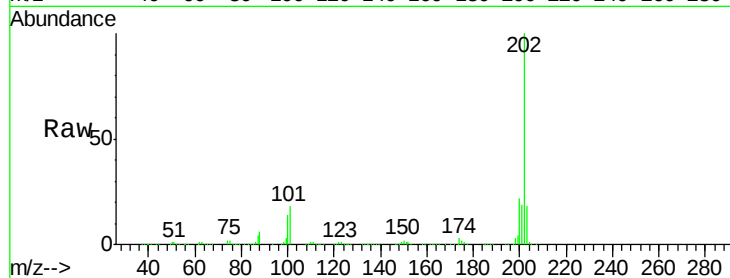
Tot Ion:202 Resp: 1291679

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

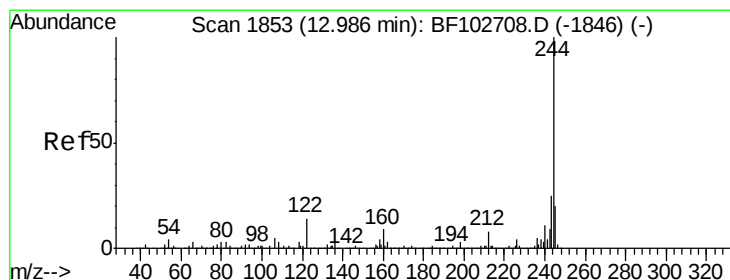
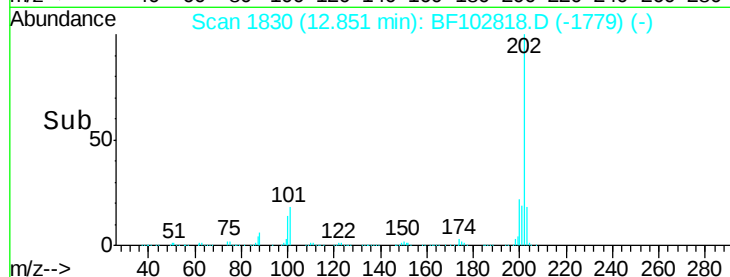
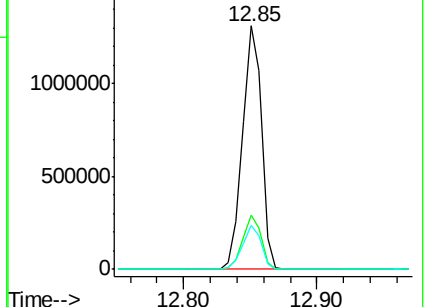
203 18.0 14.3 21.5



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: 73.45 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

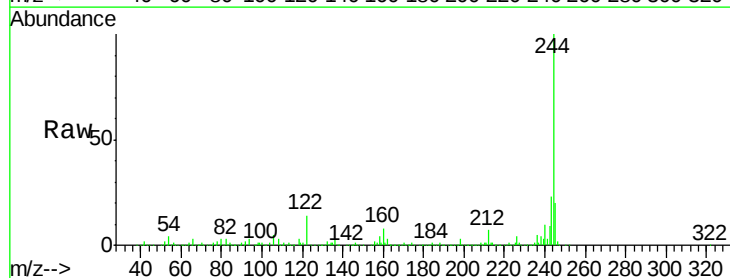
Tgt Ion:244 Resp: 1356701

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

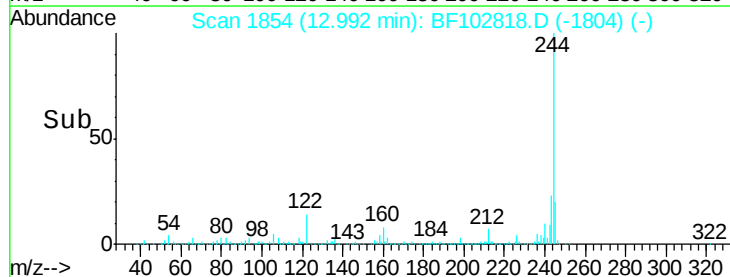
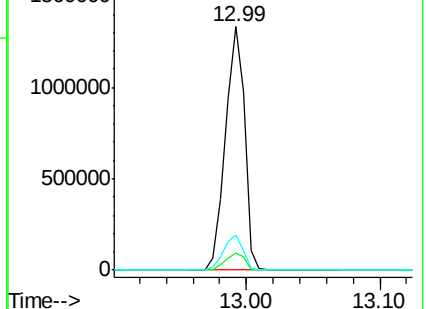
122 14.3 11.0 16.4

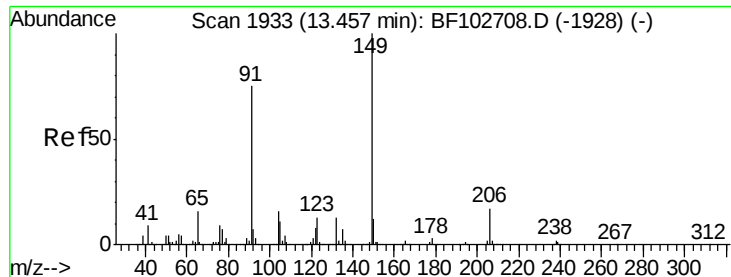


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

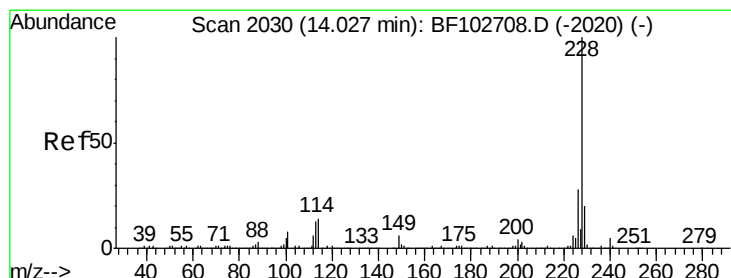
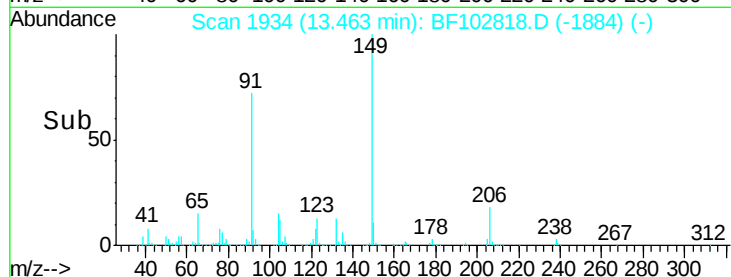
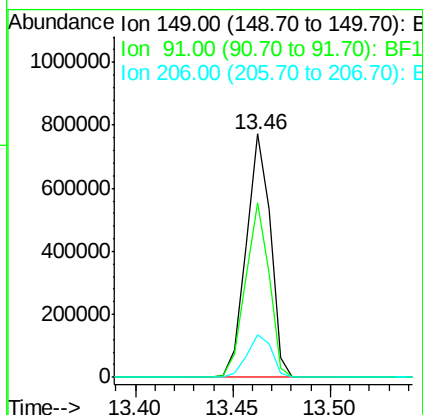
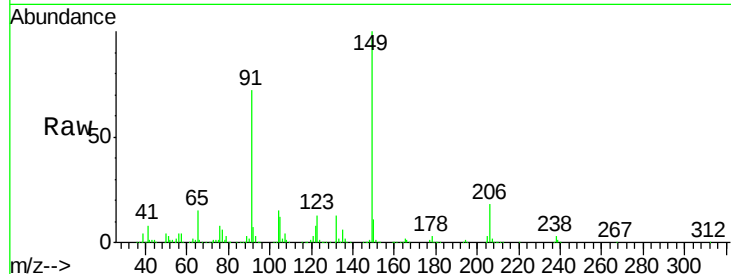




#79
Butylbenzylphthalate
Concen: 40.67 ng
RT: 13.46 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

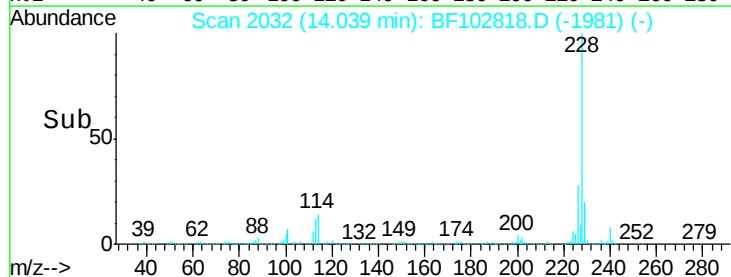
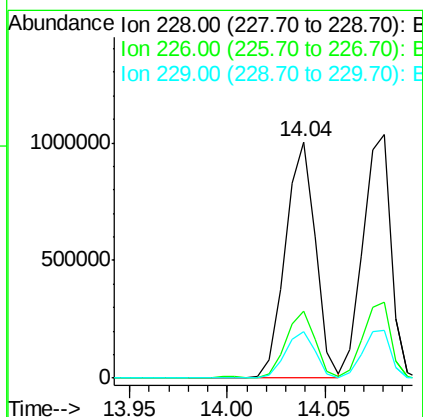
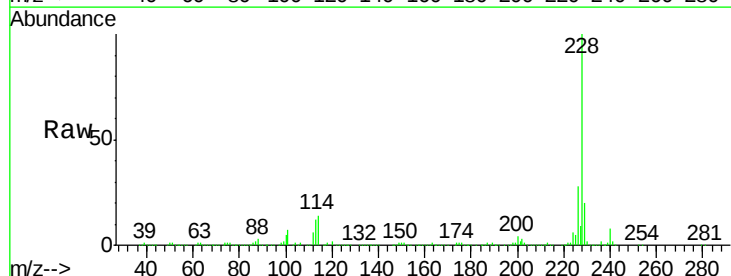
Instrument :
BNA_F
ClientSampleId :

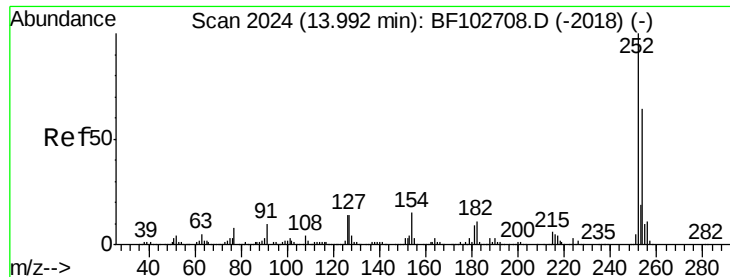
Tot Ion:149 Resp: 664524
Ion Ratio Lower Upper
149 100
91 71.6 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 38.77 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion:228 Resp: 1066457
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.7 15.8 23.6

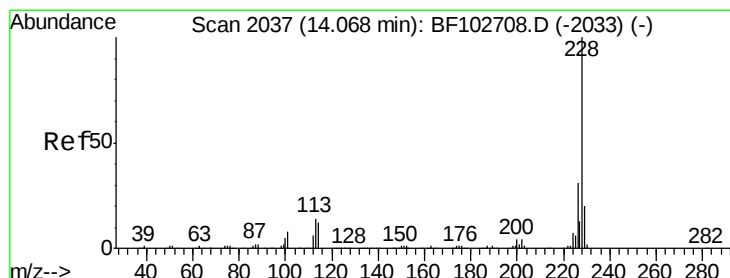
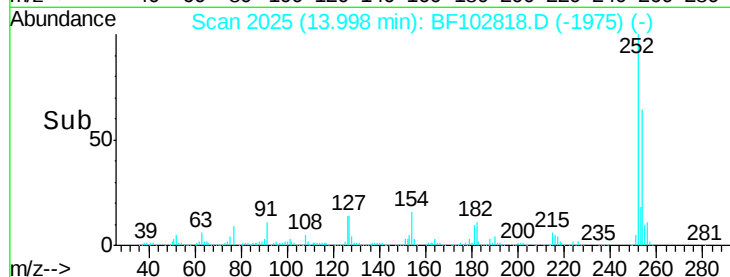
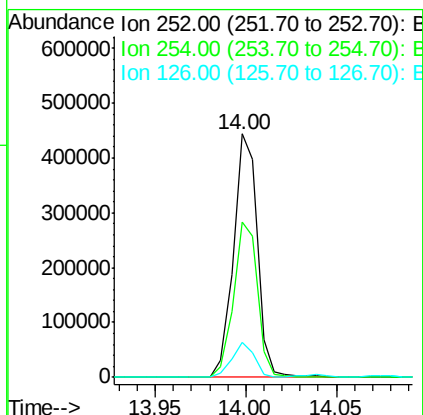
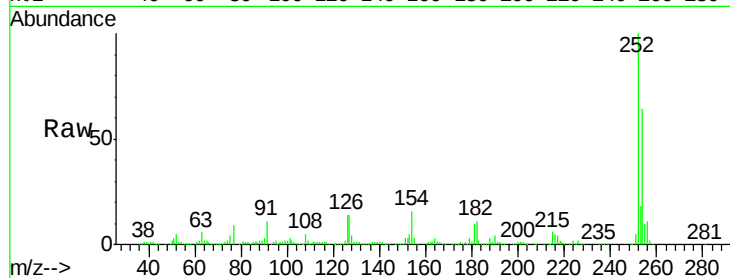




#81
 3,3'-Dichlorobenzidine
 Concen: 40.01 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

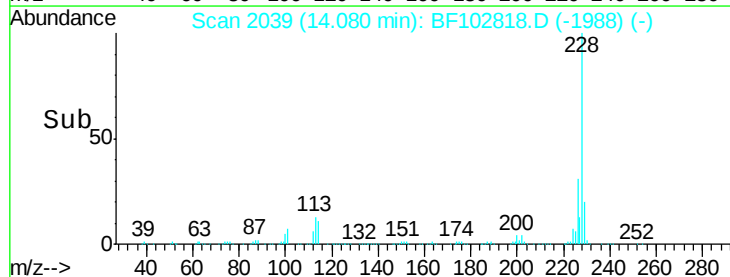
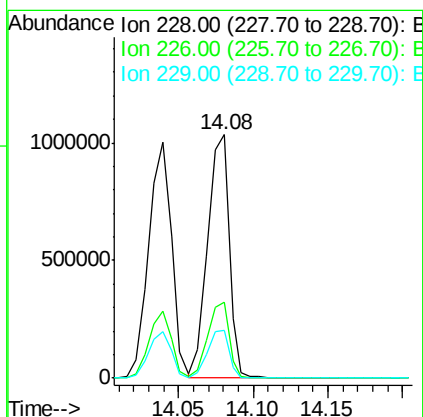
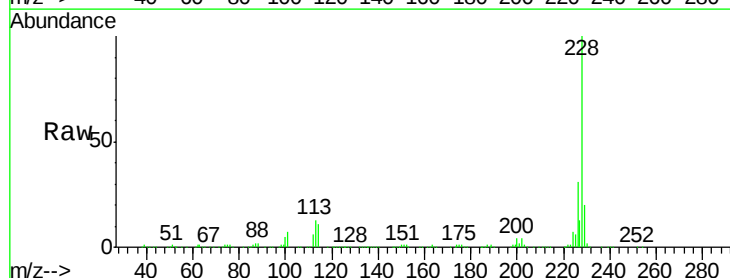
Instrument :
 BNA_F
 ClientSampled :

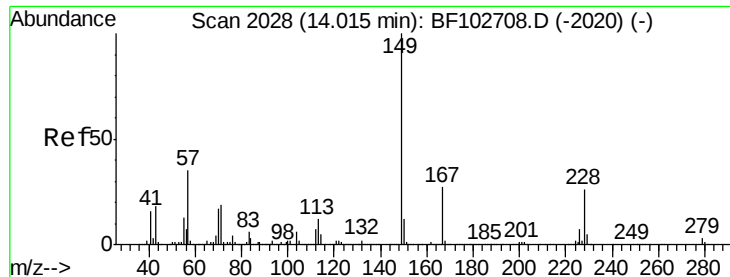
Tot Ion:252 Resp: 408033
 Ion Ratio Lower Upper
 252 100
 254 63.9 50.4 75.6
 126 14.1 11.3 16.9



#82
 Chrysene
 Concen: 37.37 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF102818.D
 Acq: 7 Feb 2018 17:05

Tgt Ion:228 Resp: 1036217
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.33 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

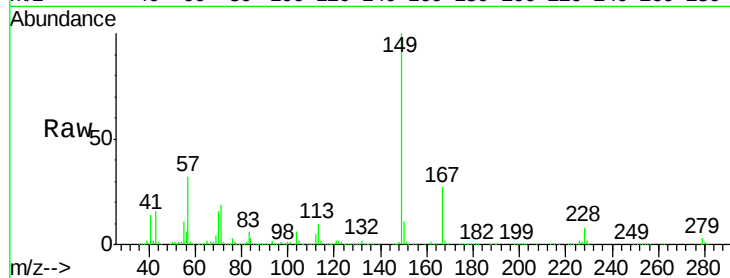
Tot Ion:149 Resp: 889292

Ion Ratio Lower Upper

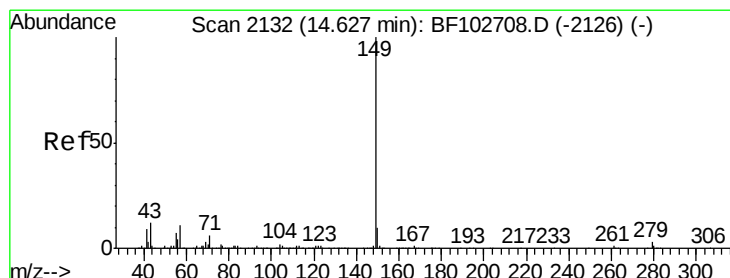
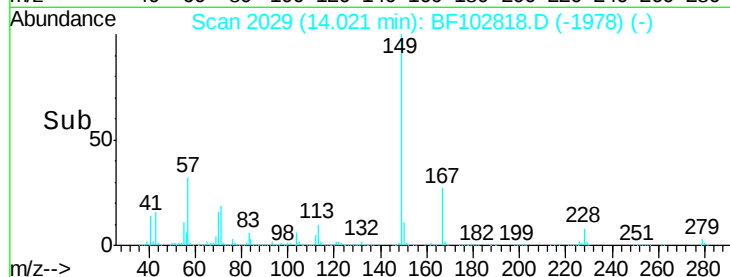
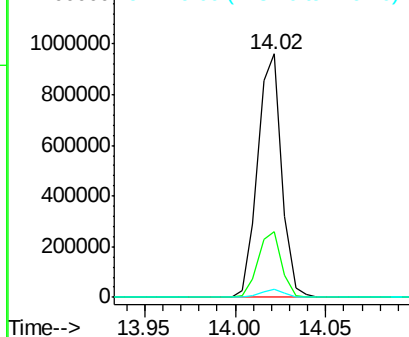
149 100

167 27.1 21.3 31.9

279 3.3 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: 41.55 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

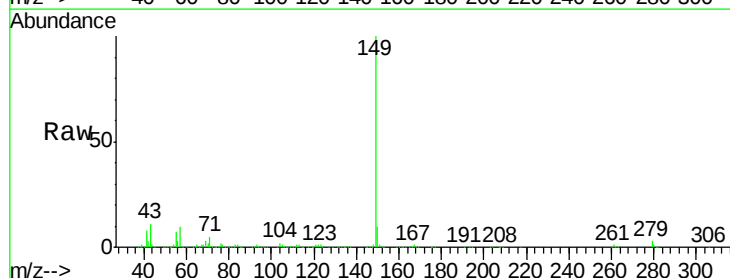
Tgt Ion:149 Resp: 1310662

Ion Ratio Lower Upper

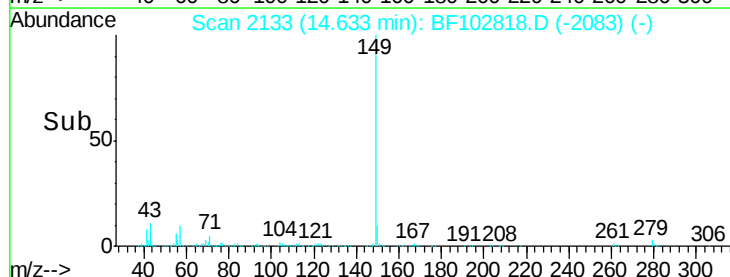
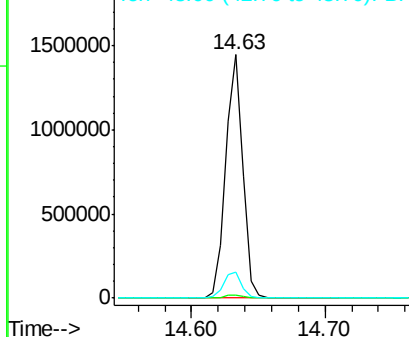
149 100

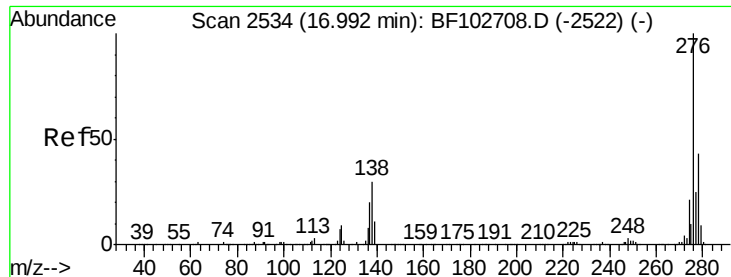
167 1.5 1.2 1.8

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: 35.34 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

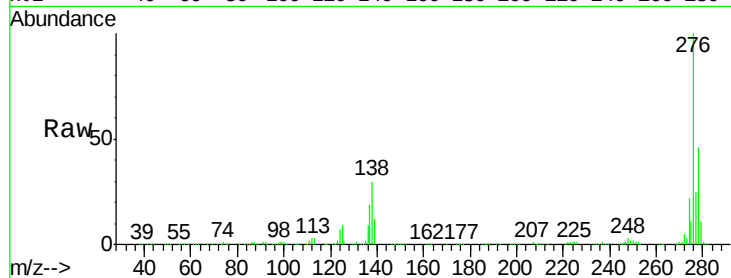
Tot Ion:276 Resp: 812684

Ion Ratio Lower Upper

276 100

138 32.4 25.0 37.6

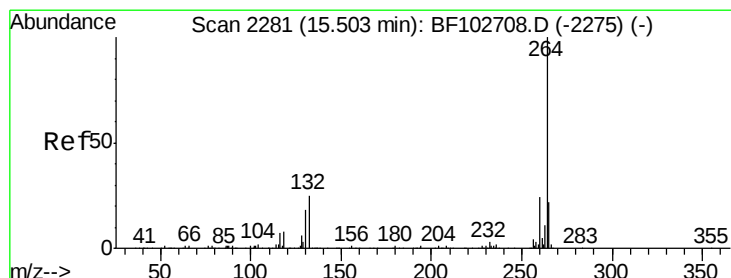
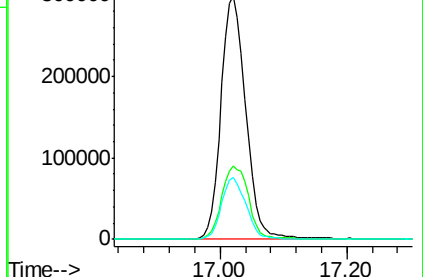
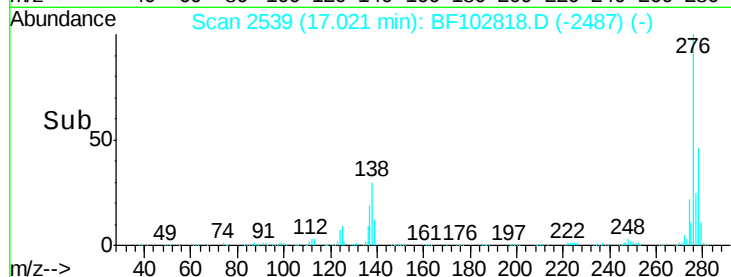
277 25.2 20.1 30.1



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: 20.00 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

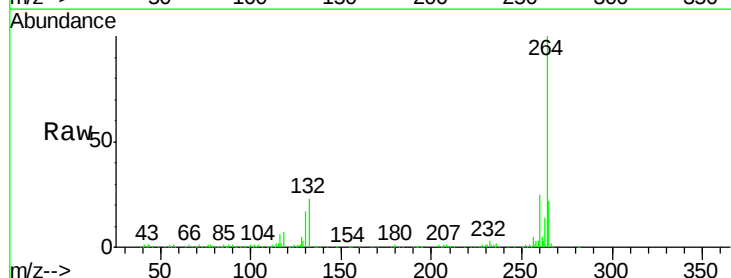
Tgt Ion:264 Resp: 377687

Ion Ratio Lower Upper

264 100

260 24.5 19.2 28.8

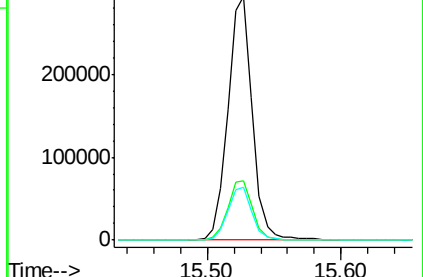
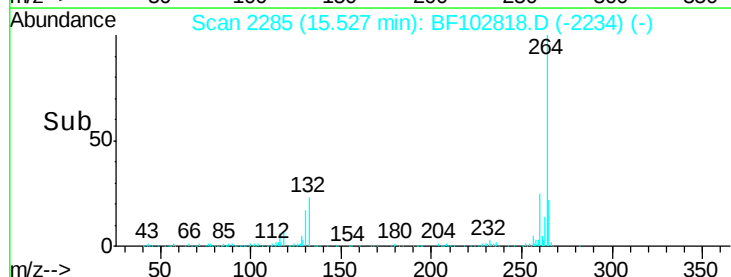
265 21.8 17.5 26.3

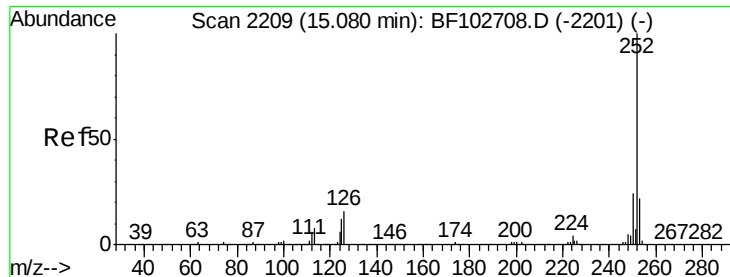


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

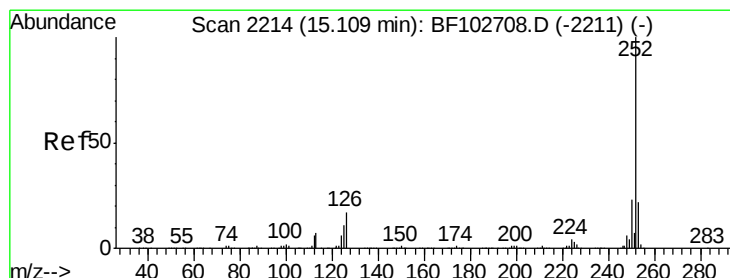
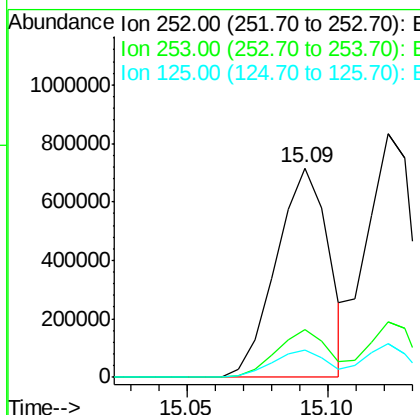
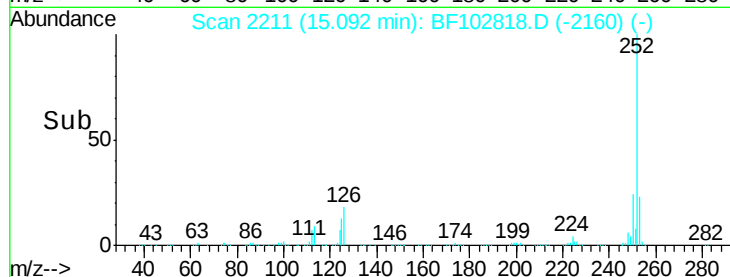
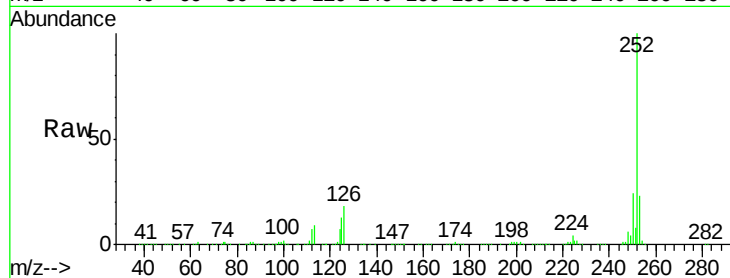




#87
Benzo(b)fluoranthene
Concen: 37.76 ng
RT: 15.09 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

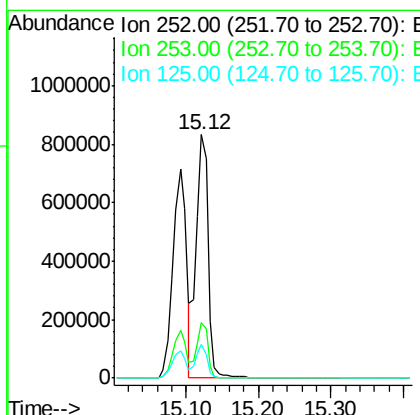
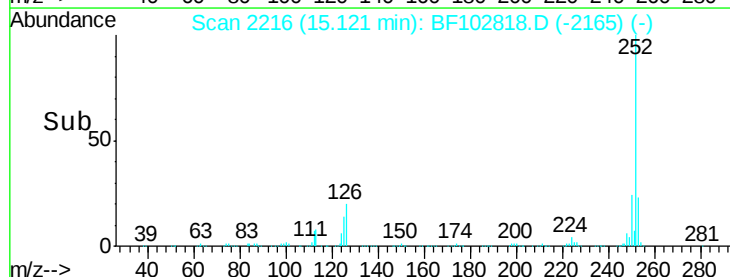
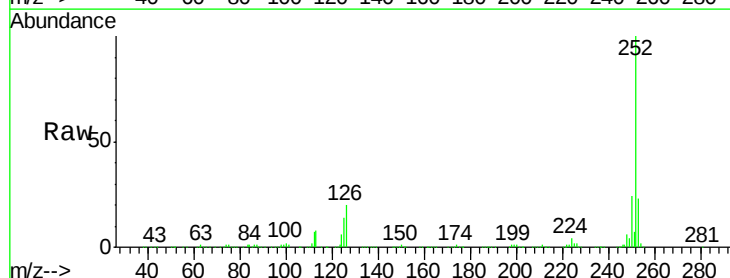
Instrument :
BNA_F
ClientSampleId :

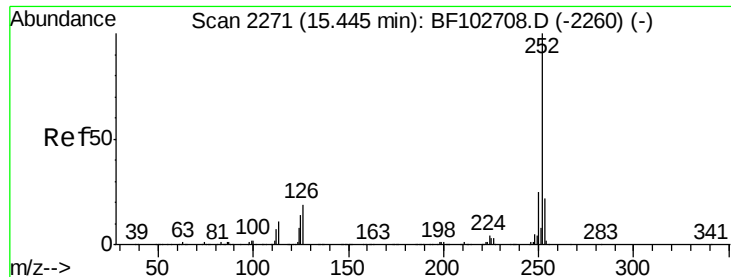
Tot Ion:252 Resp: 924555
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 13.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 40.86 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF102818.D
Acq: 7 Feb 2018 17:05

Tgt Ion:252 Resp: 956100
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 38.81 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :

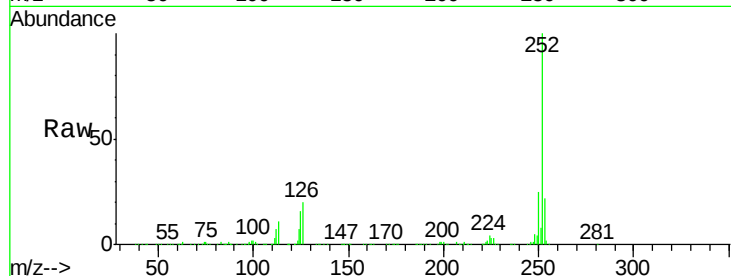
Tot Ion:252 Resp: 855441

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

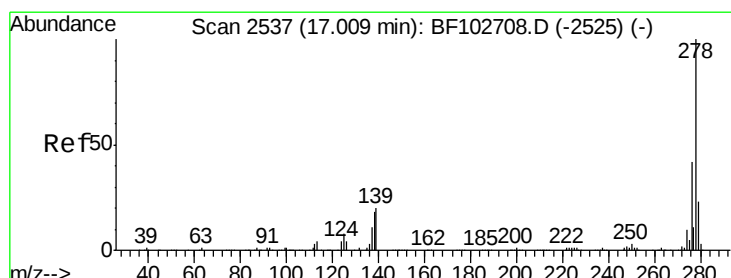
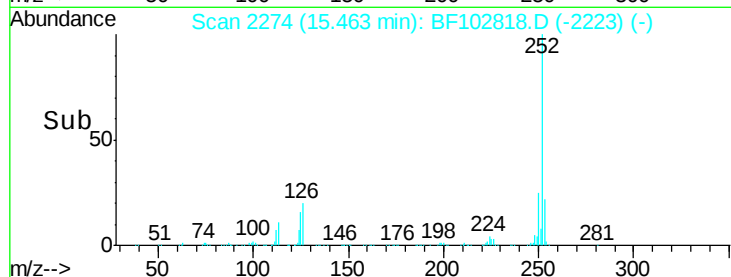
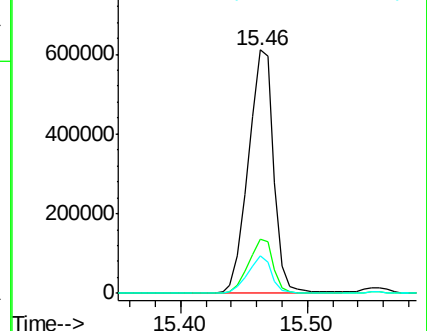
125 15.6 9.8 14.6#



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: 38.00 ng

RT: 17.04 min Scan# 2542

Delta R.T. 0.00 min

Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

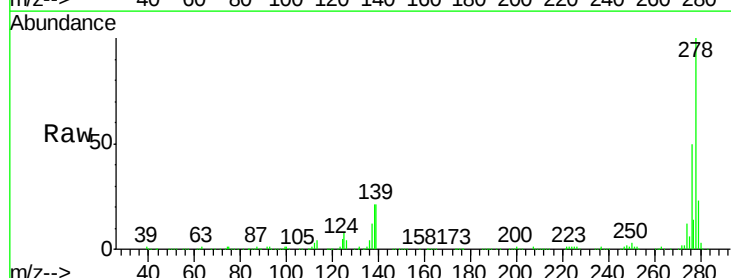
Tgt Ion:278 Resp: 679807

Ion Ratio Lower Upper

278 100

139 20.5 15.9 23.9

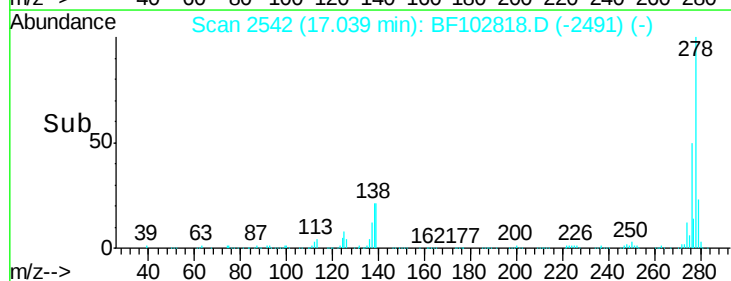
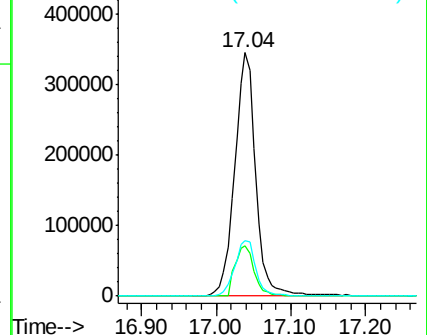
279 22.7 19.0 28.4

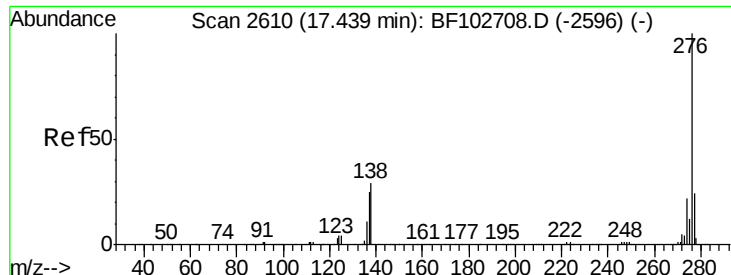


Abundance Ion 278.00 (277.70 to 278.70): E

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: 38.78 ng

RT: 17.47 min Scan# 2616

Delta R.T. 0.00 min

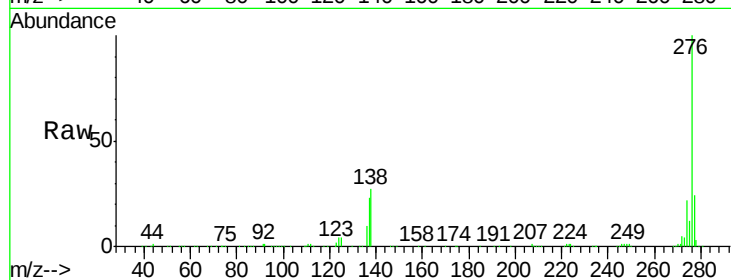
Lab File: BF102818.D

Acq: 7 Feb 2018 17:05

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 679140

Ion Ratio Lower Upper

276 100

277 23.5 17.9 26.9

138 26.7 21.8 32.8

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

