

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102759.D
 Acq On : 6 Feb 2018 1:44
 Operator : SJ/JU
 Sample : J1447-01MSD 20X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 06 02:38:47 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	211259	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	883507	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	380037	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	588888	20.00	ng	0.00
75) Chrysene-d12	14.05	240	339362	20.00	ng	0.00
86) Perylene-d12	15.53	264	350599	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.48	112	106343	7.64	ng	-0.01
7) Phenol-d6	6.49	99	127733	7.63	ng	-0.01
23) Nitrobenzene-d5	7.43	82	70680	5.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.70	330	21129	6.91	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	113817	4.97	ng	-0.01
78) Terphenyl-d14	12.99	244	77149	5.38	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Pyridine	3.48	79	43814	2.308	ng	93
4) n-Nitrosodimethylamine	3.38	42	18572	2.287	ng	# 94
8) 2-Chlorophenol	6.66	128	36754	2.566	ng	95
10) Phenol	6.50	94	50485	2.812	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	37134	2.486	ng	93
12) 1,3-Dichlorobenzene	6.82	146	37723	2.275	ng	94
13) 1,4-Dichlorobenzene	6.90	146	38334	2.320	ng	97
14) 1,2-Dichlorobenzene	7.05	146	36724	2.387	ng	97
15) Benzyl Alcohol	7.01	79	32242	2.504	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.15	45	65493	2.308	ng	98
17) 2-Methylphenol	7.12	107	30940	2.342	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	25719	2.329	ng	# 88
20) 3+4-Methylphenols	7.27	107	43417	2.665	ng	98
22) Acetophenone	7.28	105	56697	2.622	ng	97
24) Nitrobenzene	7.45	77	38349	2.491	ng	93
25) Isophorone	7.69	82	70383	2.400	ng	98
26) 2-Nitrophenol	7.77	139	13681	10.488	ng	96
27) 2,4-Dimethylphenol	7.80	122	33830	2.730	ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	46201	2.659	ng	# 94
29) 2,4-Dichlorophenol	8.01	162	27337	2.427	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	28366	2.226	ng	98
31) Naphthalene	8.19	128	1138704	26.379	ng	99
32) Benzoic acid	7.85	122	5193	9.117	ng	92
34) Hexachlorobutadiene	8.30	225	14528	2.225	ng	98
35) Caprolactam	8.55	113	8350	2.135	ng	# 87
36) 4-Chloro-3-methylphenol	8.70	107	30633	2.421	ng	99
37) 2-Methylnaphthalene	8.87	142	194358	6.877	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	25773	2.491	ng	99
42) 2,4,6-Trichlorophenol	9.15	196	17517	2.577	ng	94
43) 2,4,5-Trichlorophenol	9.18	196	17846	2.330	ng	95
45) 1,1'-Biphenyl	9.33	154	134364	4.198	ng	97
46) 2-Chloronaphthalene	9.36	162	61152	2.427	ng	95
47) 2-Nitroaniline	9.45	65	19690	5.821	ng	86
48) Acenaphthylene	9.78	152	331755	8.476	ng	99

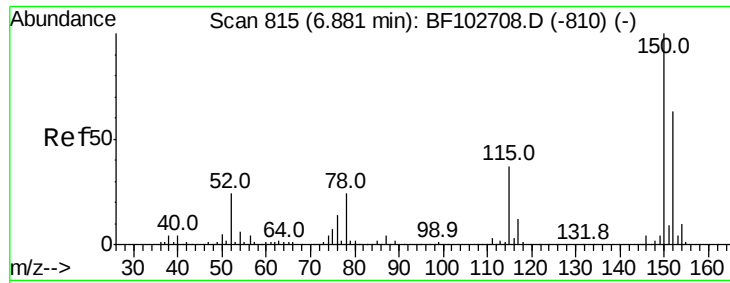
Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102759.D
 Acq On : 6 Feb 2018 1:44
 Operator : SJ/JU
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	9.63	163	80624	2.721	nq	99
50) 2,6-Dinitrotoluene	9.69	165	12261	2.175	nq	# 85
51) Acenaphthene	9.95	154	73655	3.147	nq	93
53) 2,4-Dinitrophenol	9.96	184	220	8.141	nq	# 1
54) Dibenzofuran	10.12	168	320168	9.706	nq	99
55) 4-Nitrophenol	10.01	139	20908	7.507	nq	92
56) 2,4-Dinitrotoluene	10.09	165	15788	5.030	nq	# 85
57) Fluorene	10.46	166	307234	12.801	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	12594	2.372	nq	# 73
59) Diethylphthalate	10.33	149	72121	2.465	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	27803	2.619	nq	97
61) 4-Nitroaniline	10.47	138	17629	2.670	nq	# 77
62) Azobenzene	10.62	77	65894	2.254	nq	# 77
64) 4,6-Dinitro-2-methylphenol	10.50	198	668	9.044	nq	# 24
65) n-Nitrosodiphenylamine	10.57	169	62006	2.985	nq	94
66) 4-Bromophenyl-phenylether	10.95	248	15856	2.545	nq	95
67) Hexachlorobenzene	11.01	284	15481	2.253	nq	98
68) Atrazine	11.09	200	16688	2.723	nq	92
69) Pentachlorophenol	11.20	266	12398	3.073	nq	99
70) Phenanthrene	11.43	178	1777765	54.205	nq	99
71) Anthracene	11.48	178	718378	21.536	nq	99
72) Carbazole	11.63	167	294907	9.024	nq	99
73) Di-n-butylphthalate	11.96	149	108474	2.732	nq	99
74) Fluoranthene	12.63	202	1990056	60.309	nq	99
77) Pyrene	12.86	202	1608062	60.428	nq	100
79) Butylbenzylphthalate	13.46	149	34464	3.674	nq	96
80) Benzo(a)anthracene	14.07	228	657723	30.817	nq	95
81) 3,3'-Dichlorobenzidine	14.00	252	16111	2.036	nq	99
82) Chrysene	14.07	228	657723	30.571	nq	98
83) Bis(2-ethylhexyl)phthalate	14.02	149	52520	3.222	nq	100
84) Di-n-octyl phthalate	14.63	149	93997	3.840	nq	# 99
85) Indeno(1,2,3-cd)pyrene	17.01	276	338960	18.996	nq	96
87) Benzo(b)fluoranthene	15.09	252	1191913	52.436	nq	# 95
88) Benzo(k)fluoranthene	15.09	252	1191913	54.879	nq	98
89) Benzo(a)pyrene	15.46	252	601801	29.413	nq	97
90) Dibenzo(a,h)anthracene	17.19	278	62189	3.745	nq	95
91) Benzo(g,h,i)perylene	17.46	276	278779	17.151	nq	98

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

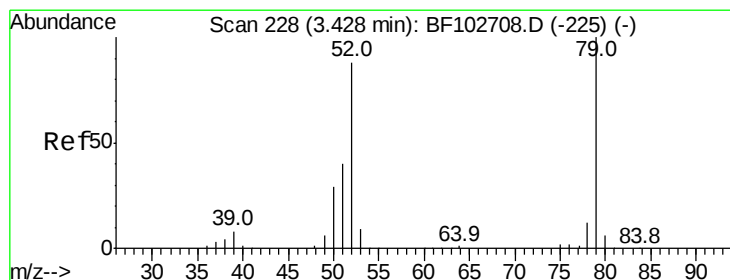
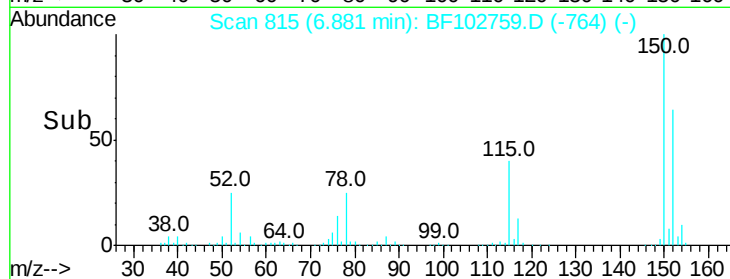
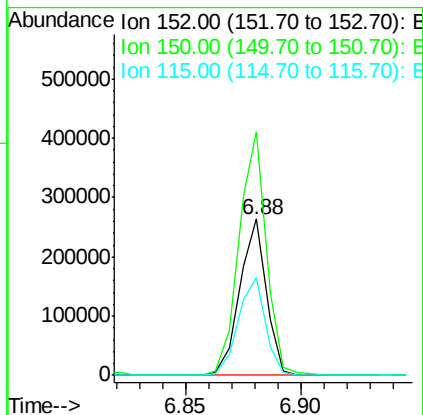
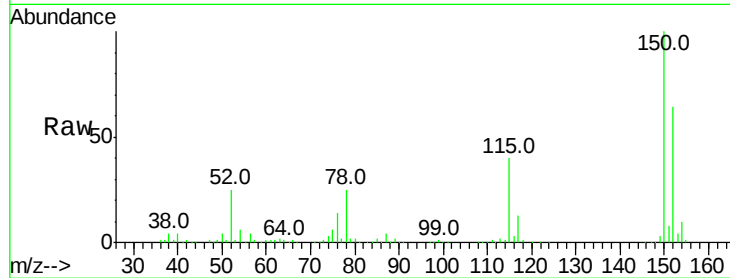


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

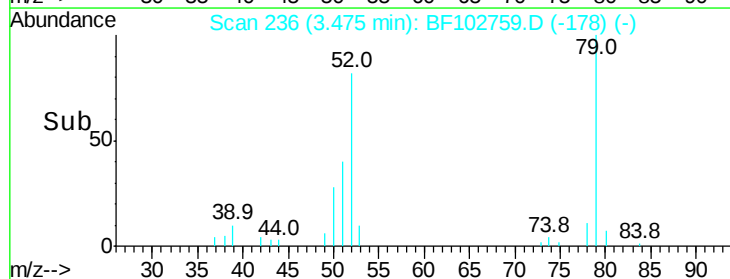
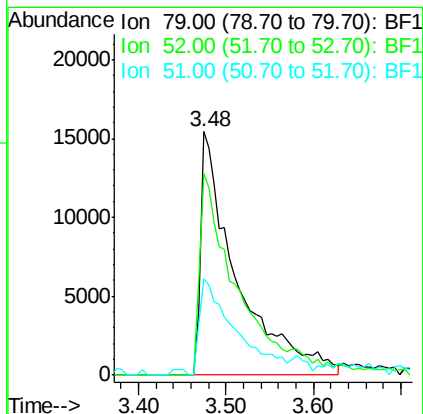
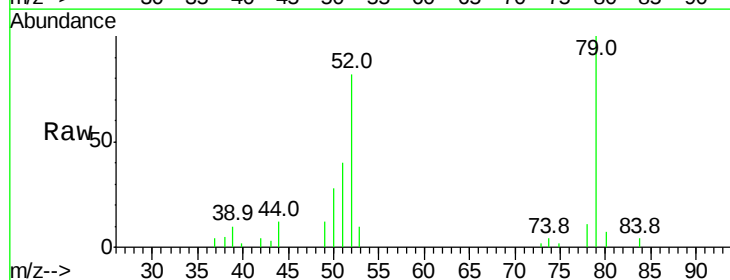
Tot Ion:152 Resp: 211259
Ion Ratio Lower Upper
152 100
150 155.7 124.6 186.8
115 62.3 50.1 75.1

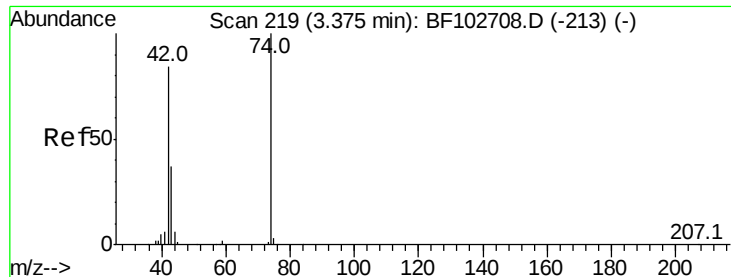


#3

Pyridine
Concen: 2.308 ng
RT: 3.48 min Scan# 236
Delta R.T. 0.04 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion: 79 Resp: 43814
Ion Ratio Lower Upper
79 100
52 82.5 59.8 89.6
51 39.6 29.8 44.8



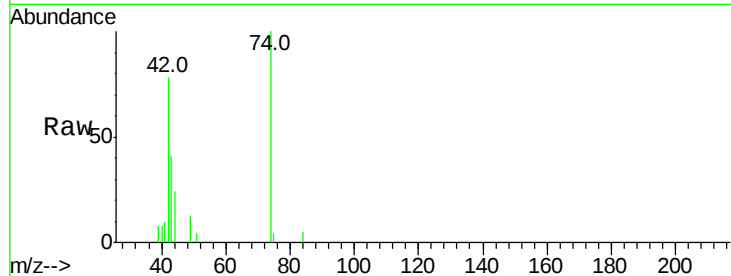


#4

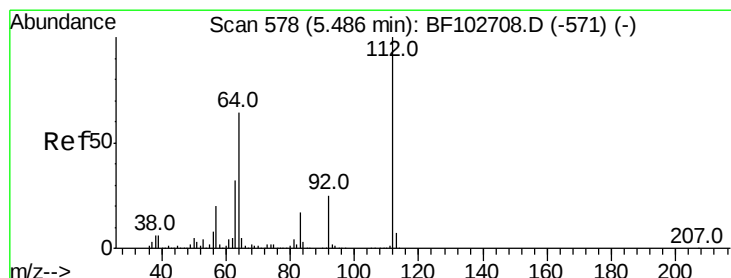
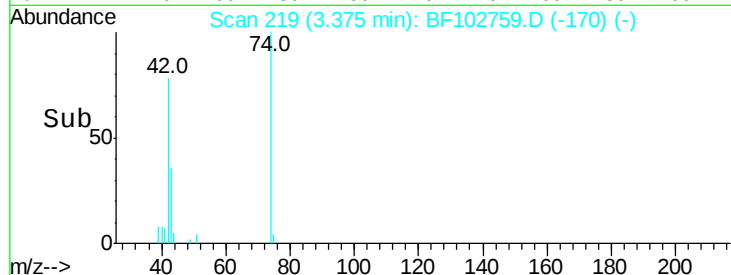
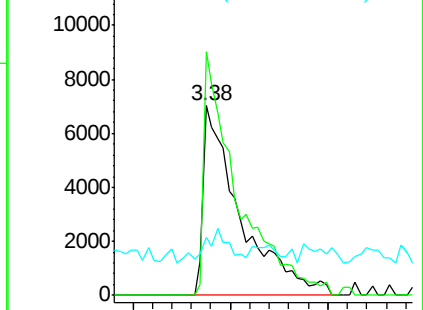
n-Nitrosodimethylamine
 Concen: 2.287 ng
 RT: 3.38 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 42 Resp: 18572
 Ion Ratio Lower Upper
 42 100
 74 128.5 104.9 157.3
 44 30.3 6.9 10.3#



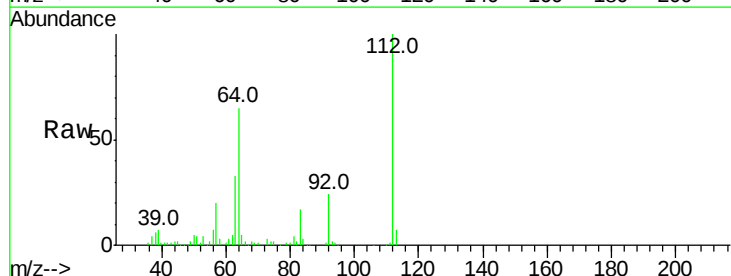
Abundance Ion 42.00 (41.70 to 42.70): BF1
 Ion 74.00 (73.70 to 74.70): BF1
 Ion 44.00 (43.70 to 44.70): BF1



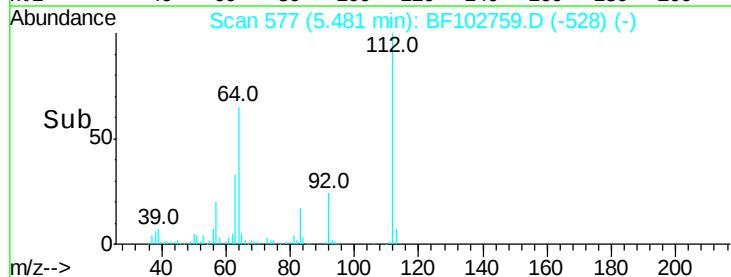
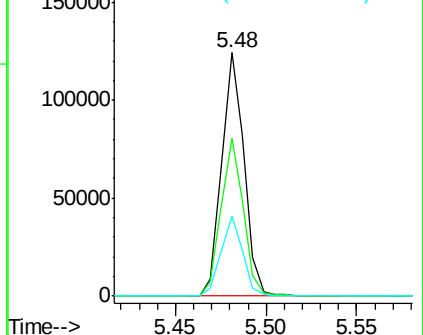
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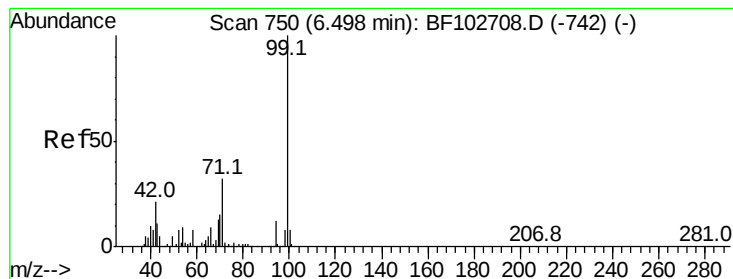
2-Fluorophenol
 Concen: 7.645 ng
 RT: 5.48 min Scan# 577
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Tgt Ion: 112 Resp: 106343
 Ion Ratio Lower Upper
 112 100
 64 64.8 47.9 71.9
 63 32.9 23.7 35.5



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





#7

Phenol-d6

Concen: 7.626 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

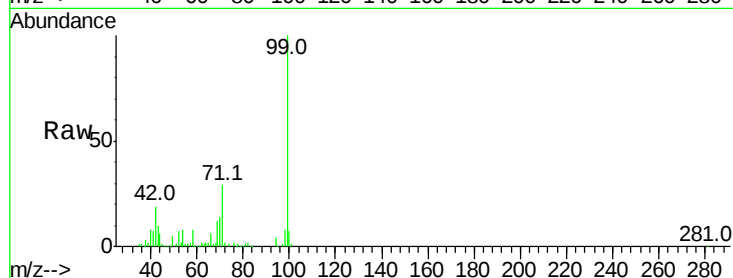
Tot Ion: 99 Resp: 127733

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

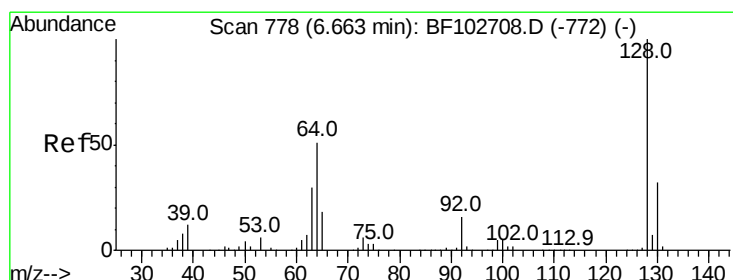
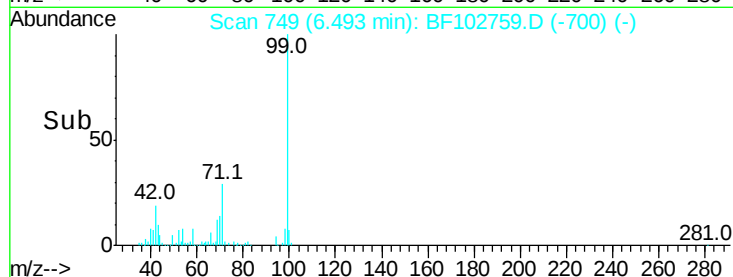
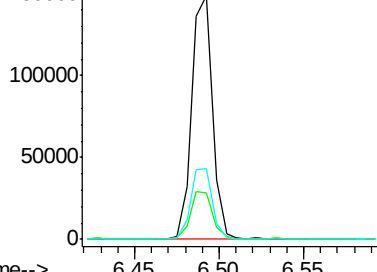
71 29.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 2.566 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

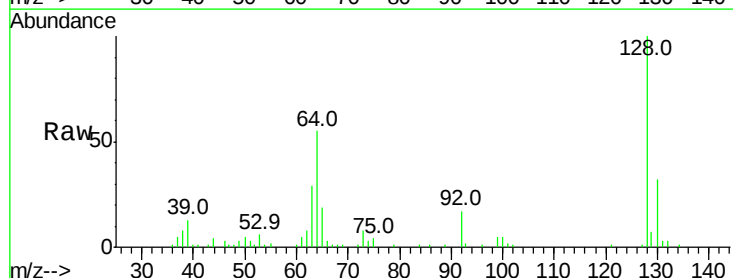
Tgt Ion: 128 Resp: 36754

Ion Ratio Lower Upper

128 100

130 32.5 13.0 53.0

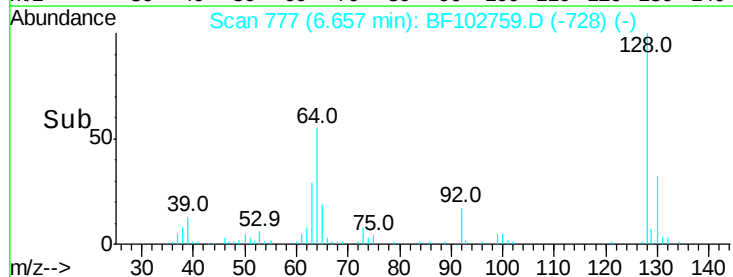
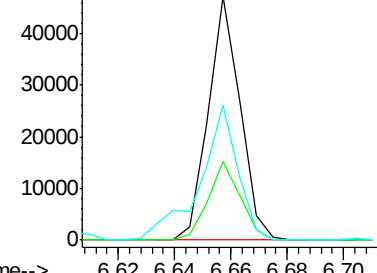
64 55.2 29.4 69.4

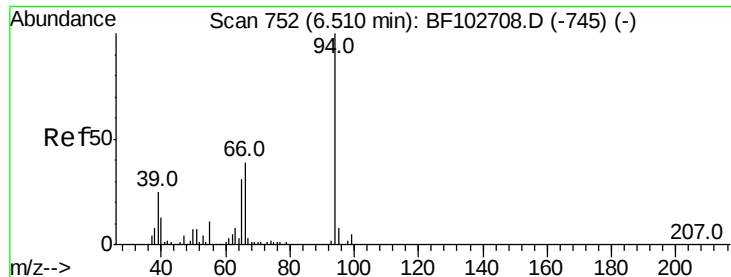


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#10

Phenol

Concen: 2.812 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.02 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampled :

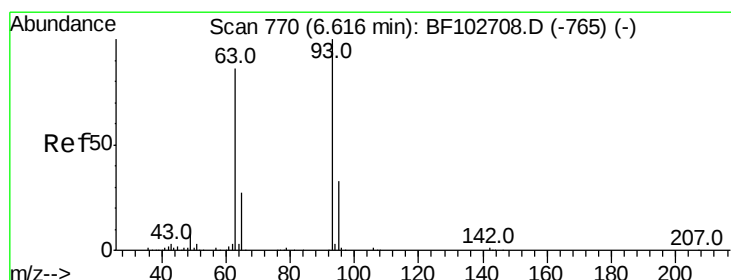
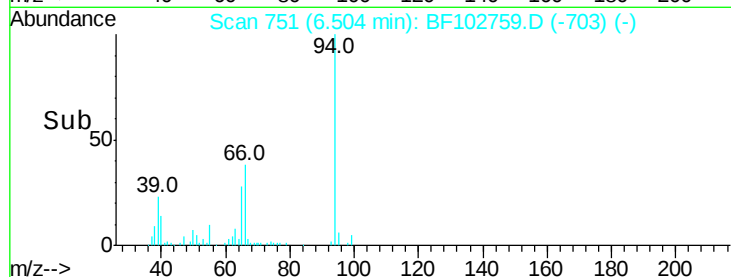
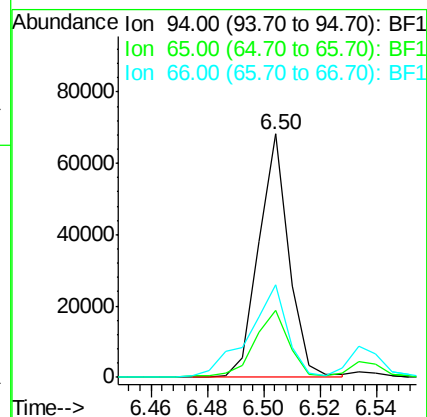
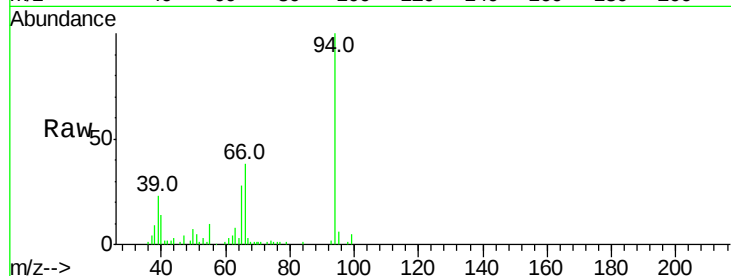
Tot Ion: 94 Resp: 50485

Ion Ratio Lower Upper

94 100

65 27.6 7.9 47.9

66 38.2 16.2 56.2



#11

bis(2-Chloroethyl)ether

Concen: 2.486 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

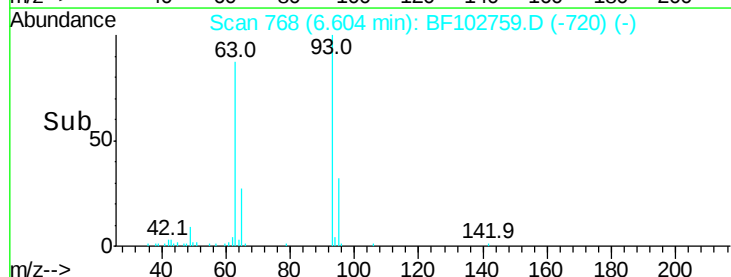
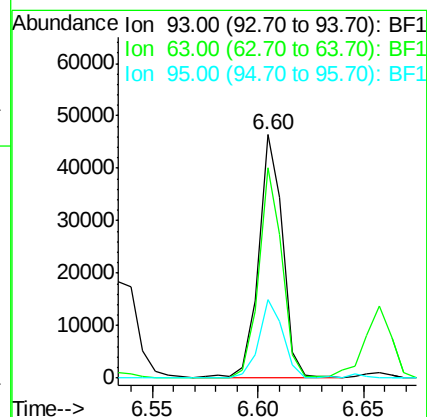
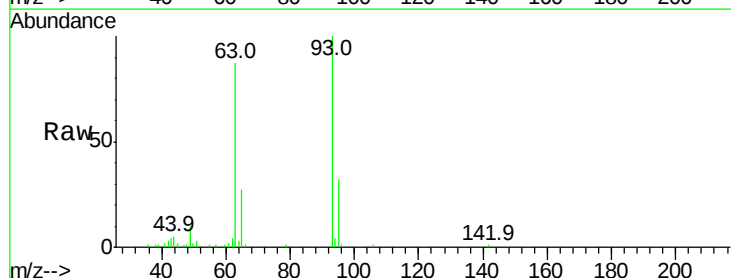
Tgt Ion: 93 Resp: 37134

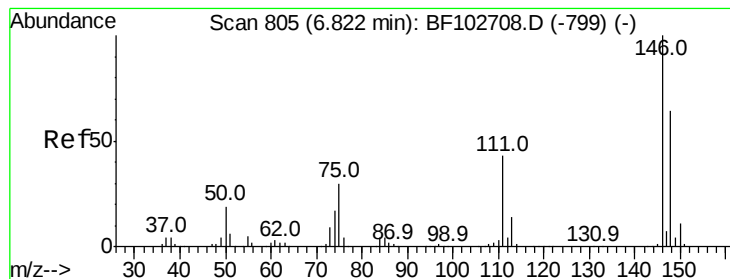
Ion Ratio Lower Upper

93 100

63 86.6 58.6 98.6

95 32.0 11.8 51.8





#12

1,3-Dichlorobenzene

Concen: 2.275 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampled :

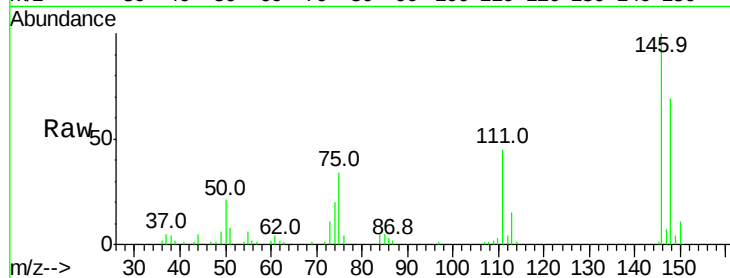
Tot Ion:146 Resp: 37723

Ion Ratio Lower Upper

146 100

148 68.6 51.8 77.8

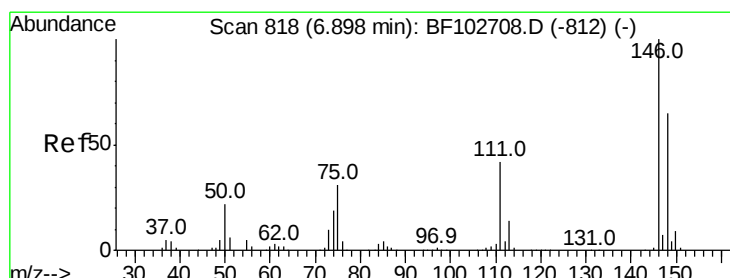
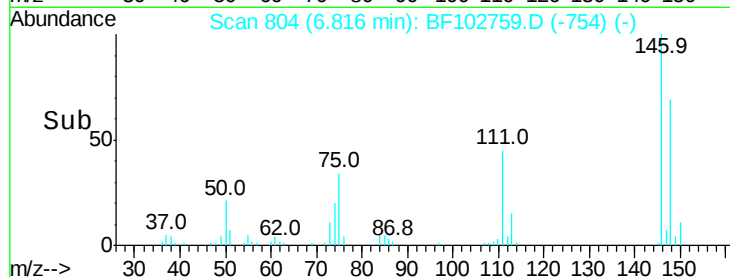
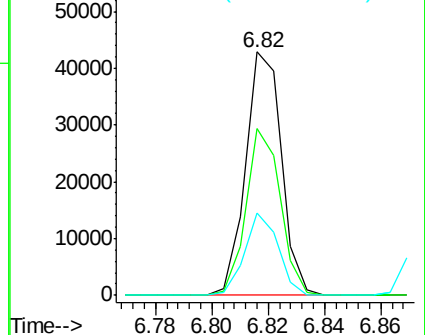
75 34.0 24.2 36.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 2.320 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

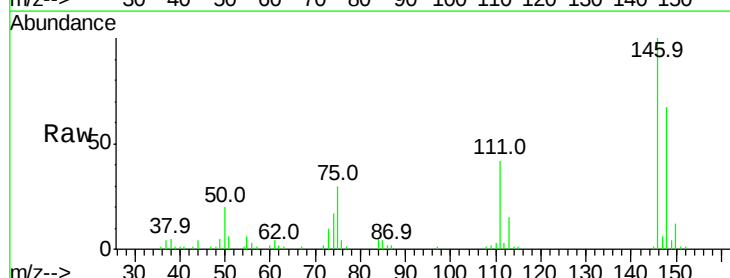
Tgt Ion:146 Resp: 38334

Ion Ratio Lower Upper

146 100

148 66.7 50.8 76.2

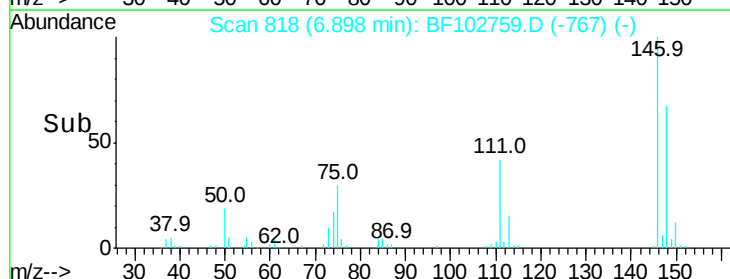
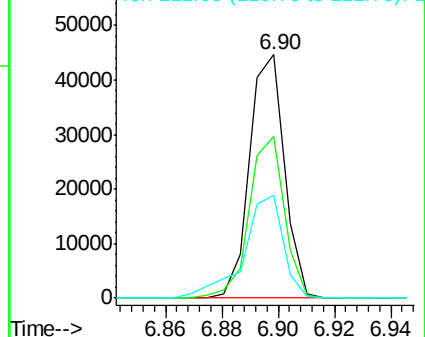
111 42.2 34.2 51.2

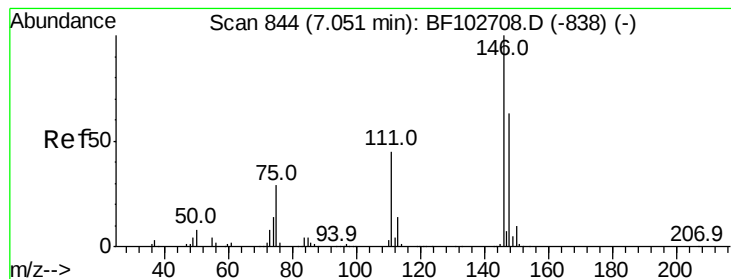


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 2.387 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

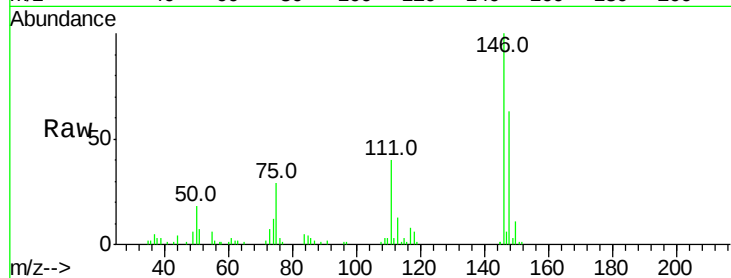
Tot Ion:146 Resp: 36724

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

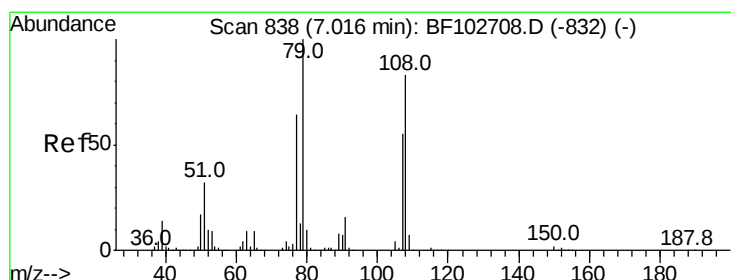
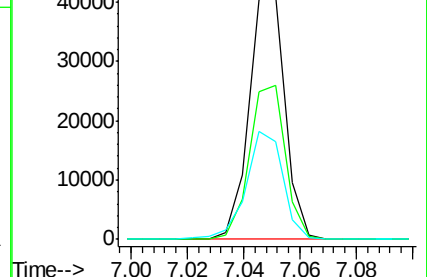
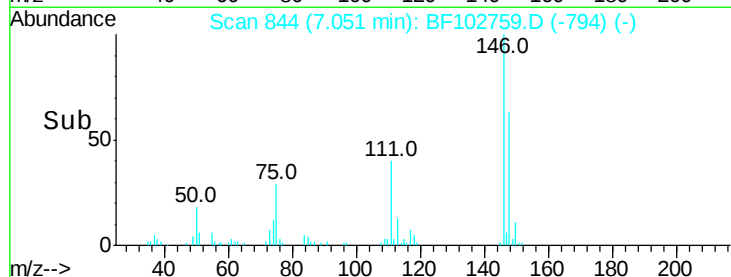
111 40.4 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 2.504 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

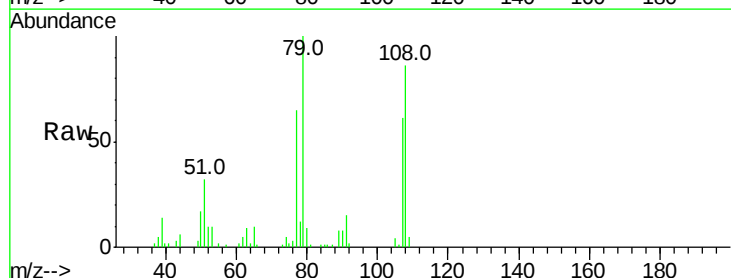
Tgt Ion: 79 Resp: 32242

Ion Ratio Lower Upper

79 100

108 85.8 65.1 97.7

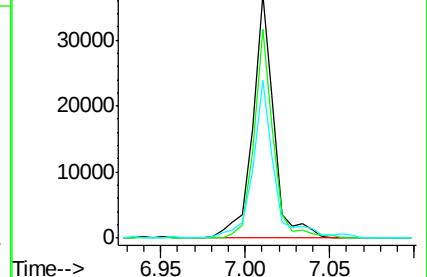
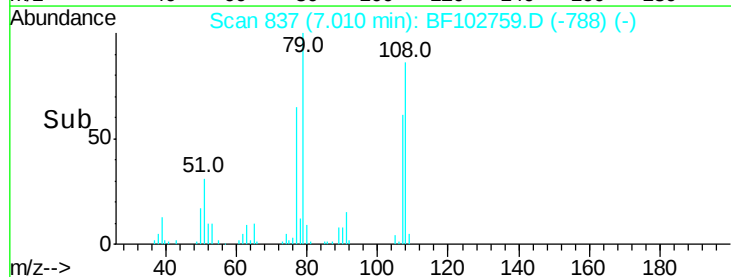
77 65.0 50.6 75.8

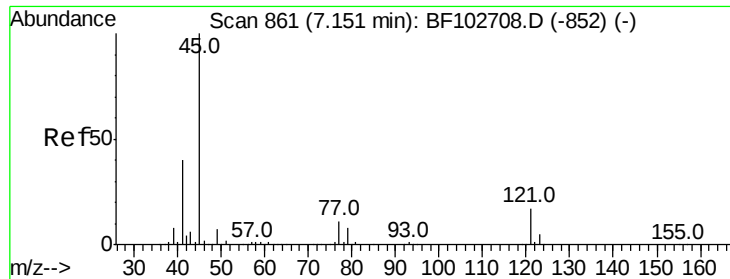


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

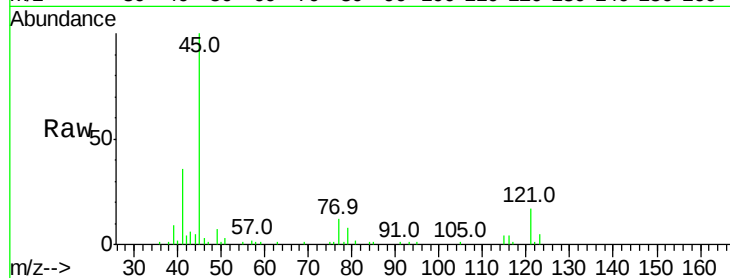




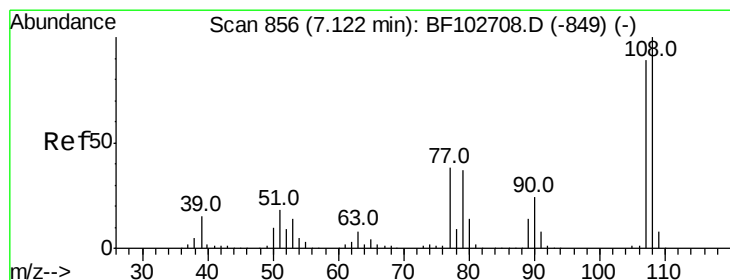
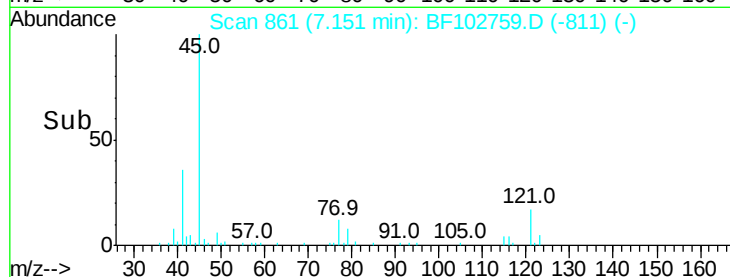
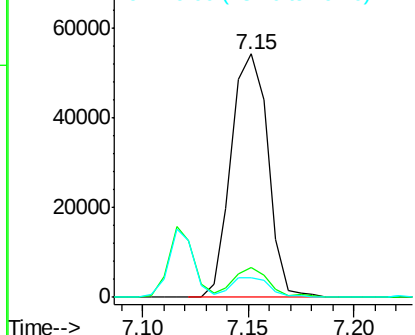
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 2.308 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 45 Resp: 65493
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.9
79 8.0 0.0 29.6

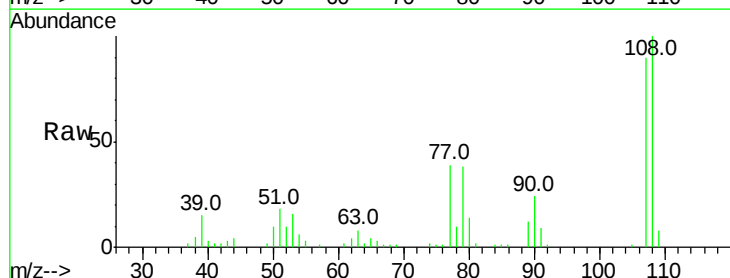


Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

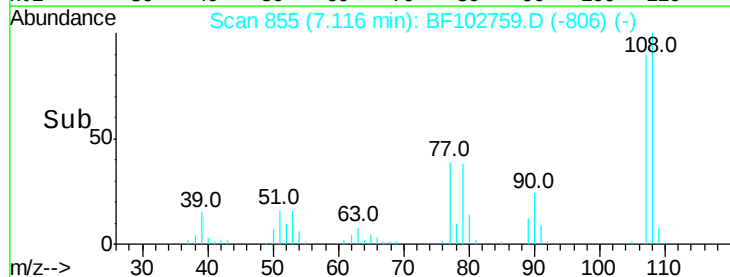
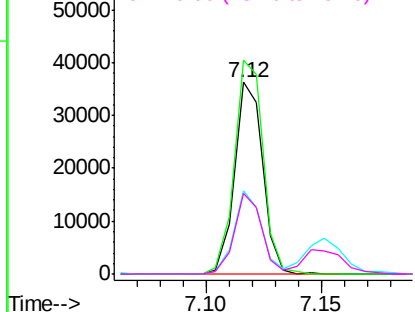


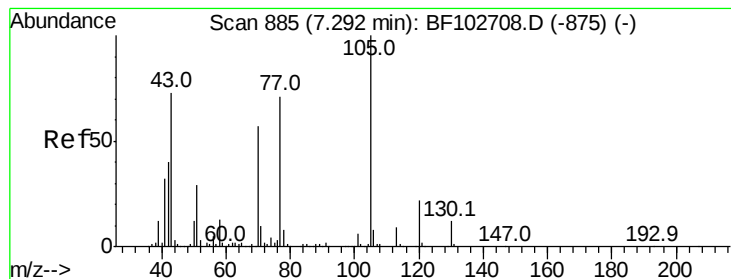
#17
2-Methylphenol
Concen: 2.342 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion: 107 Resp: 30940
Ion Ratio Lower Upper
107 100
108 111.4 91.7 137.5
77 43.5 33.8 50.8
79 42.2 33.8 50.8



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





#19

n-Nitroso-di-n-propylamine

Concen: 2.329 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 25719

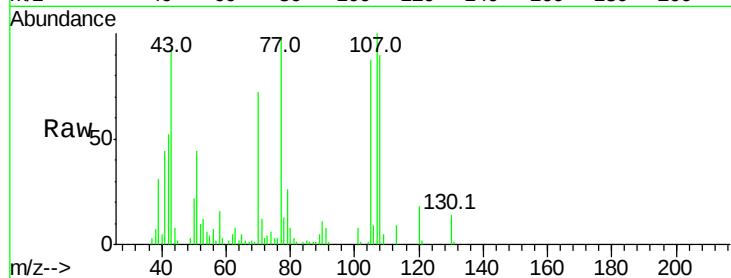
Ion Ratio Lower Upper

70 100

42 72.2 47.5 71.3#

101 10.8 7.4 11.2

130 19.8 16.6 25.0

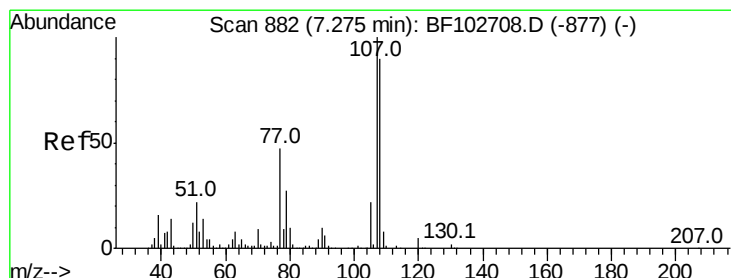
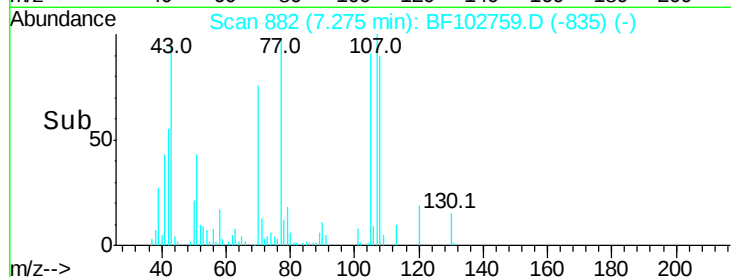
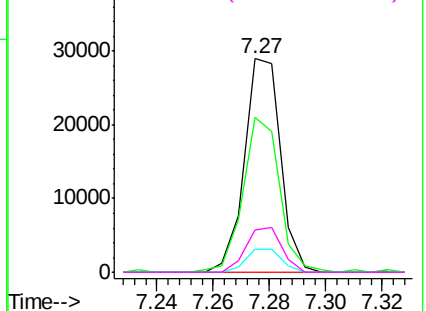


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 2.665 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Tgt Ion: 107 Resp: 43417

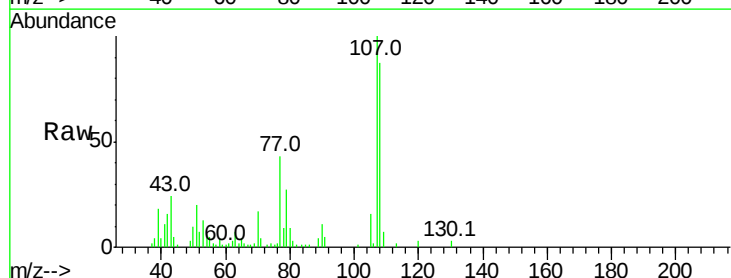
Ion Ratio Lower Upper

107 100

108 87.3 68.2 108.2

77 43.3 26.7 66.7

79 27.0 6.3 46.3

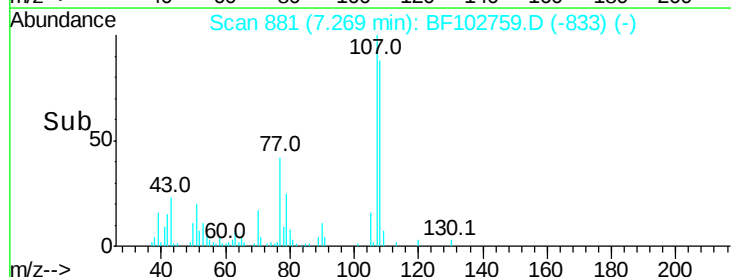
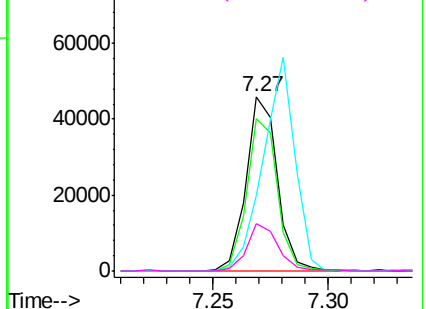


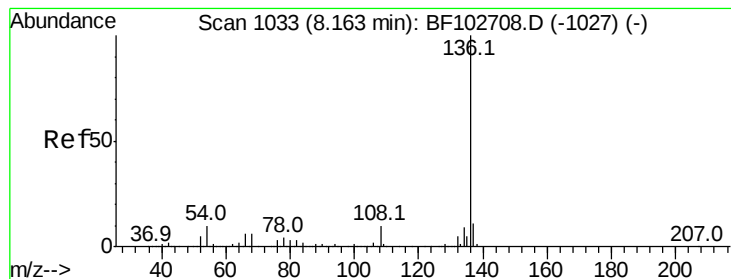
Abundance Ion 107.00 (106.70 to 107.70): BF1

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: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 883507

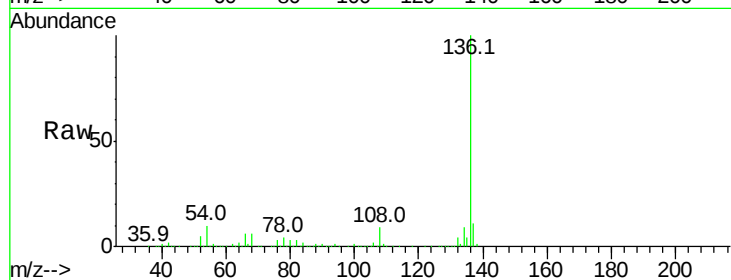
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 10.0 6.6 9.8#

68 6.3 5.0 7.4

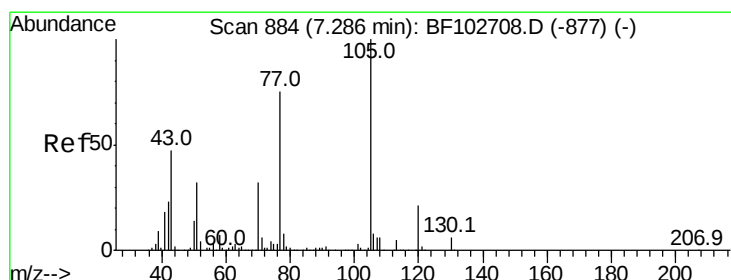
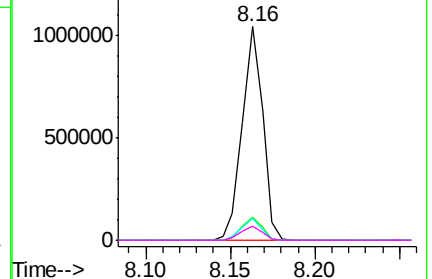
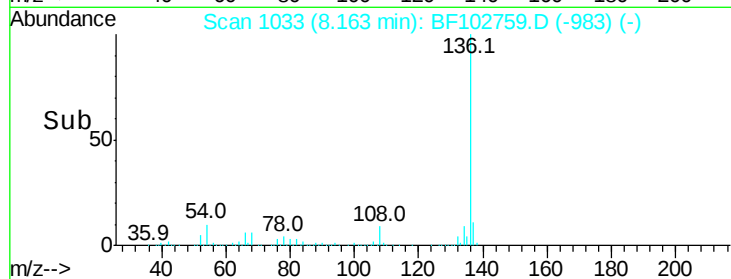


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 2.622 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Tgt Ion:105 Resp: 56697

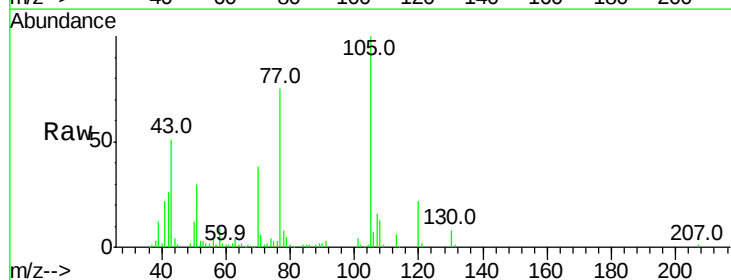
Ion Ratio Lower Upper

105 100

71 6.1 4.4 6.6

51 30.1 22.3 33.5

120 22.2 16.9 25.3

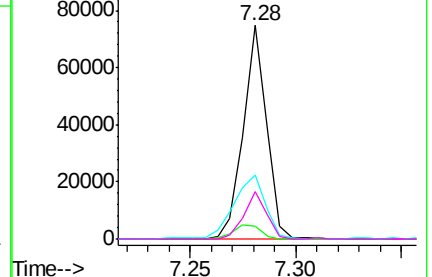
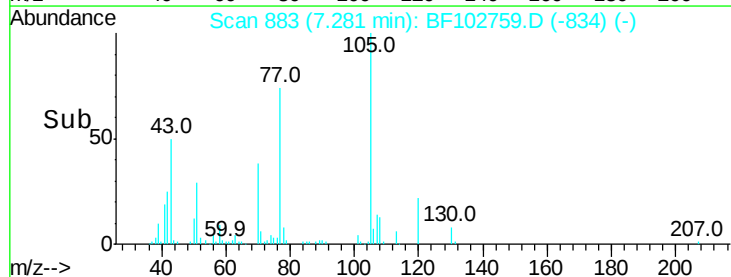


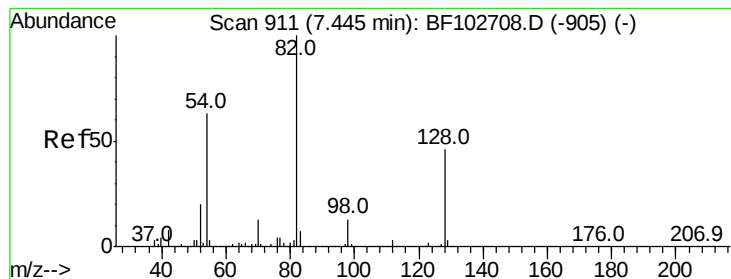
Abundance Ion 105.00 (104.70 to 105.70): E

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: 5.550 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.02 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

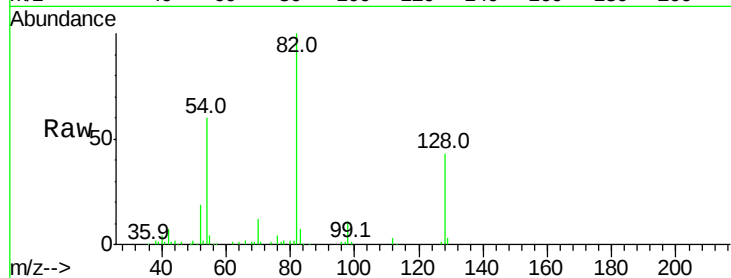
Tot Ion: 82 Resp: 70680

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

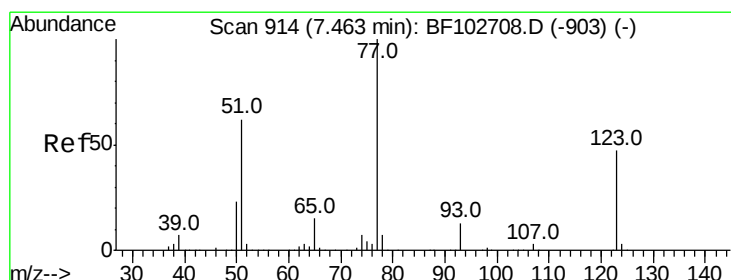
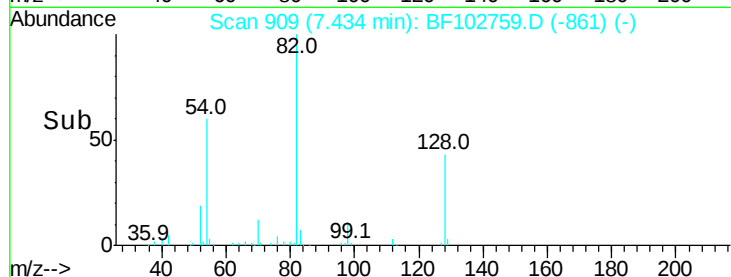
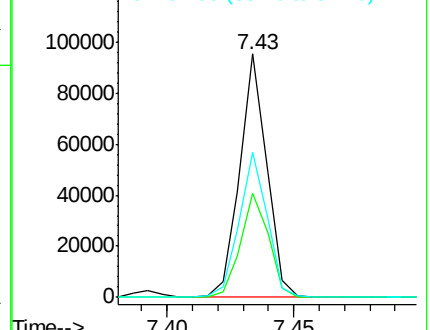
54 59.6 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 2.491 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

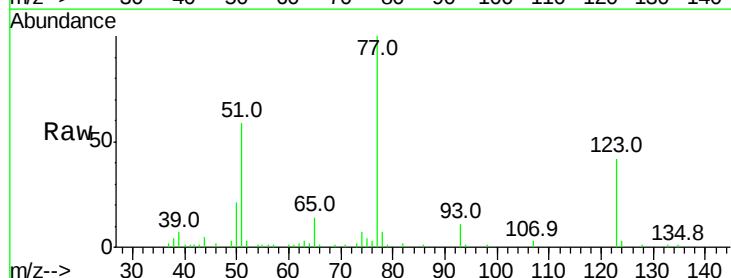
Tgt Ion: 77 Resp: 38349

Ion Ratio Lower Upper

77 100

123 41.7 37.9 56.9

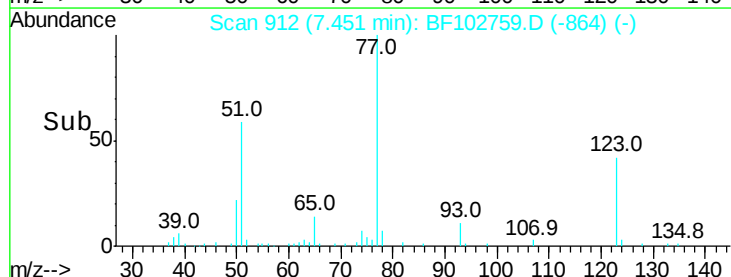
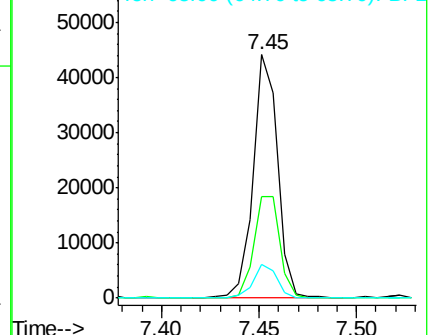
65 14.1 11.0 16.4

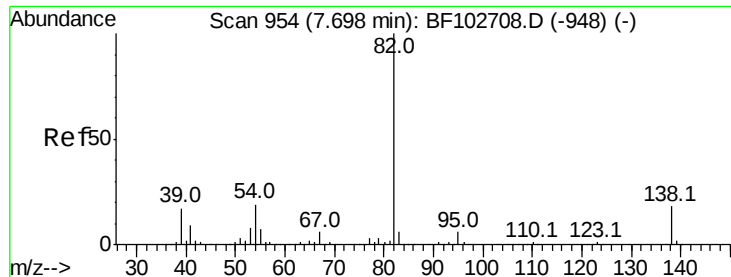


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 2.400 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

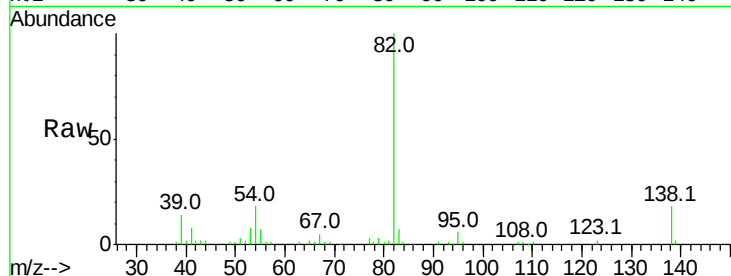
Tot Ion: 82 Resp: 70383

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

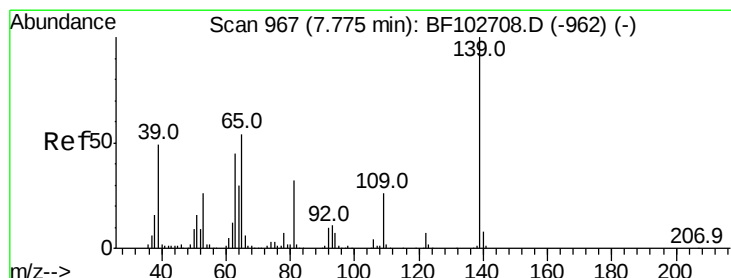
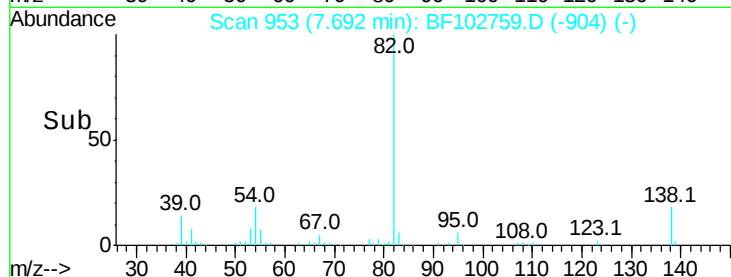
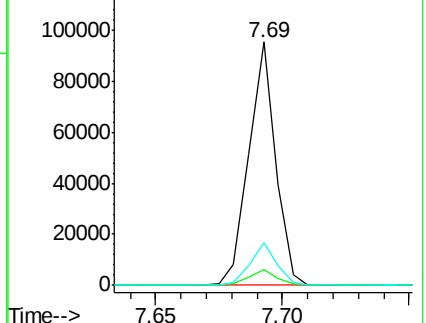
138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 10.488 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

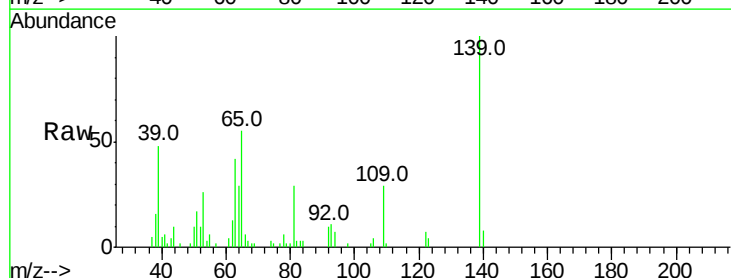
Tgt Ion: 139 Resp: 13681

Ion Ratio Lower Upper

139 100

109 29.4 22.7 34.1

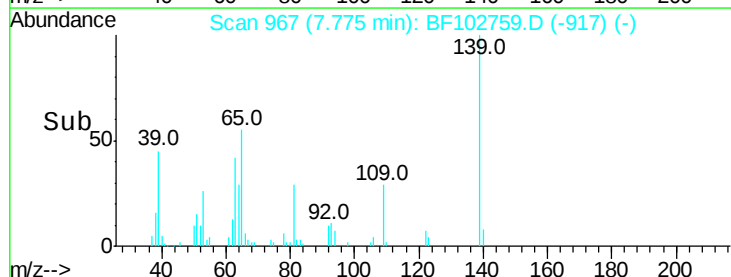
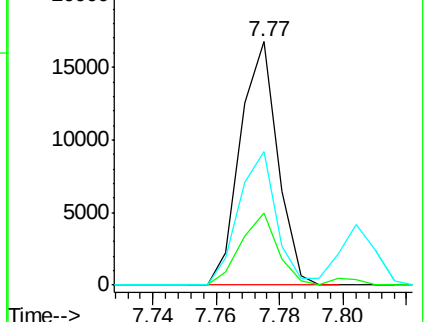
65 54.7 40.5 60.7

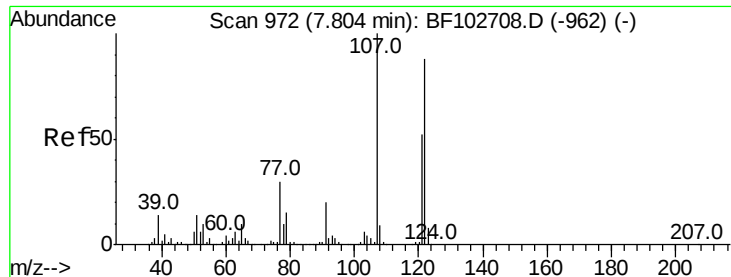


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 2.730 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

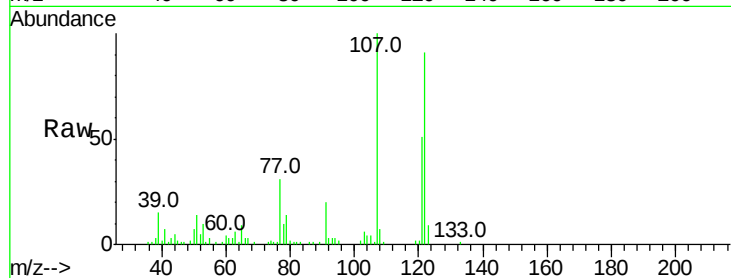
Tot Ion:122 Resp: 33830

Ion Ratio Lower Upper

122 100

107 110.4 91.2 136.8

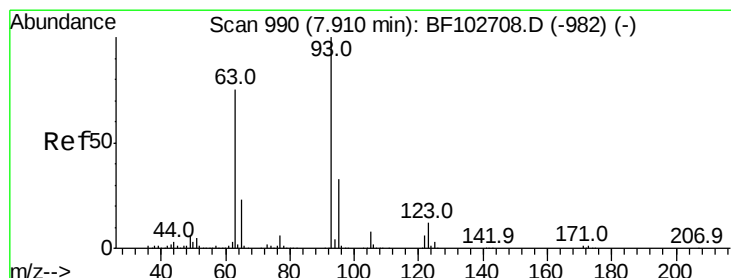
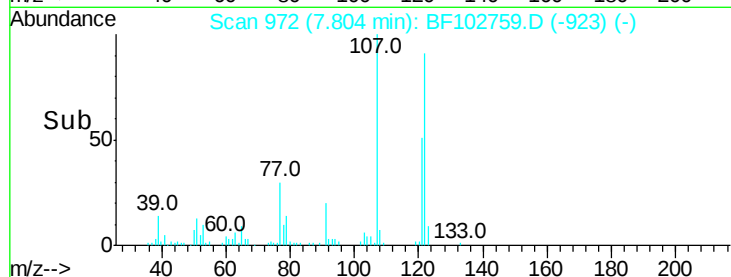
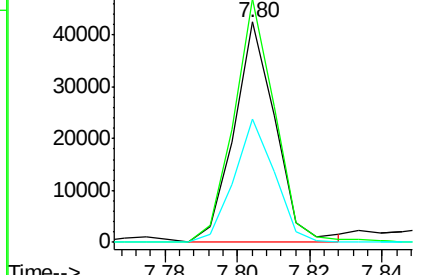
121 56.0 47.2 70.8



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: 2.659 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

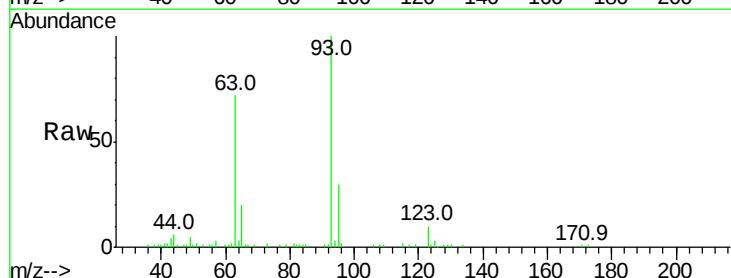
Tgt Ion: 93 Resp: 46201

Ion Ratio Lower Upper

93 100

95 29.8 26.3 39.5

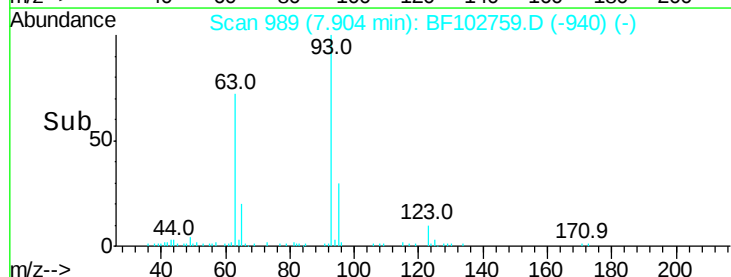
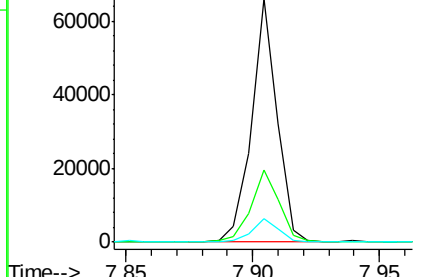
123 9.6 9.8 14.6#

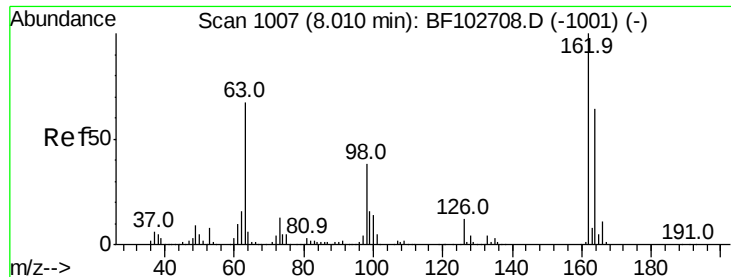


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

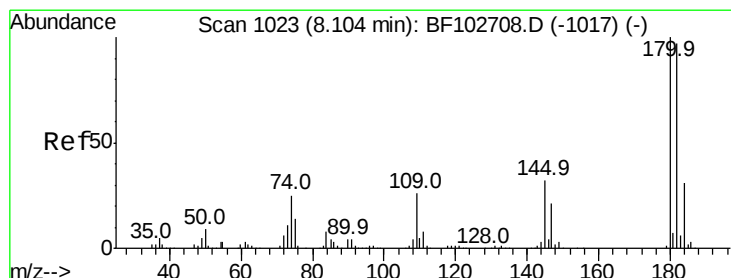
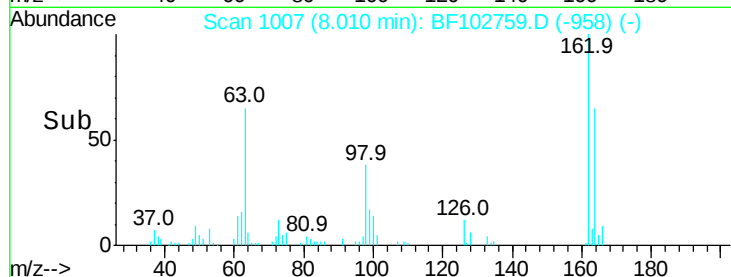
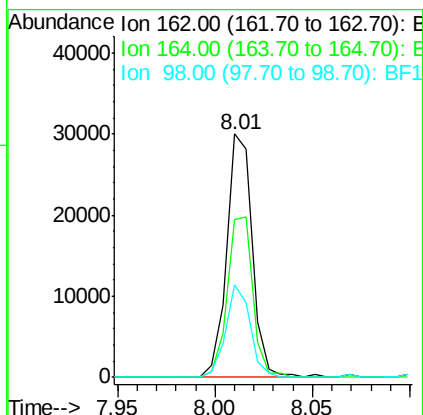
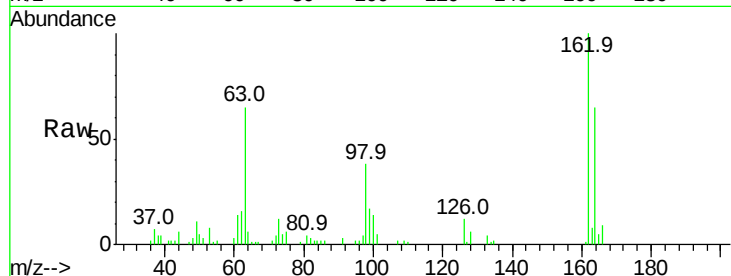




#29
 2,4-Dichlorophenol
 Concen: 2.427 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

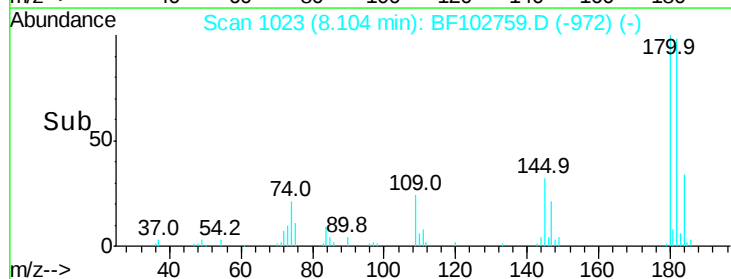
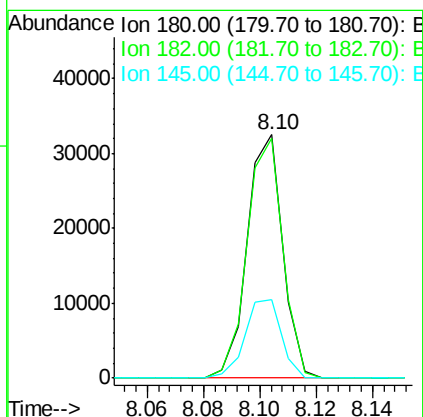
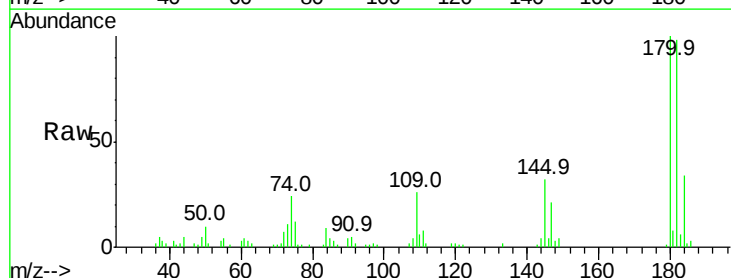
Instrument :
 BNA_F
 ClientSampleId :

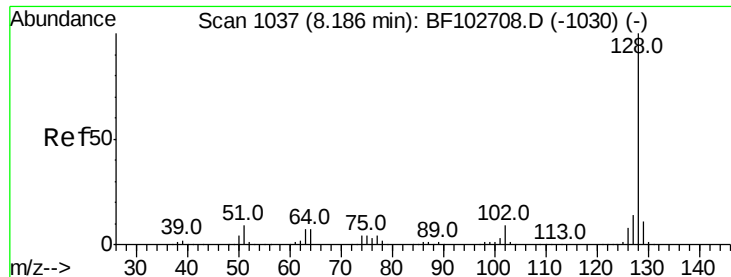
Tot Ion:162 Resp: 27337
 Ion Ratio Lower Upper
 162 100
 164 65.1 42.7 82.7
 98 37.8 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 2.226 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Tgt Ion:180 Resp: 28366
 Ion Ratio Lower Upper
 180 100
 182 98.3 76.8 115.2
 145 32.1 26.5 39.7

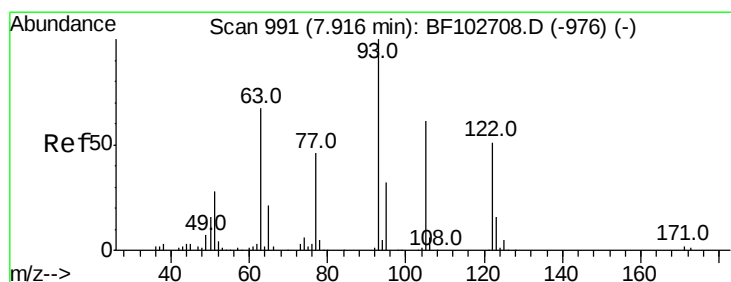
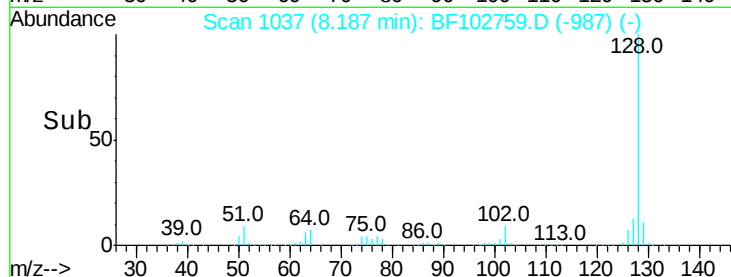
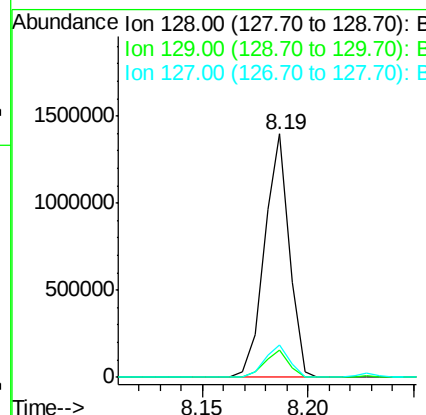
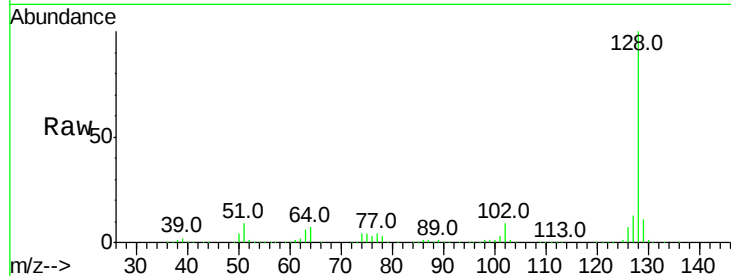




#31
Naphthalene
Concen: 26.379 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

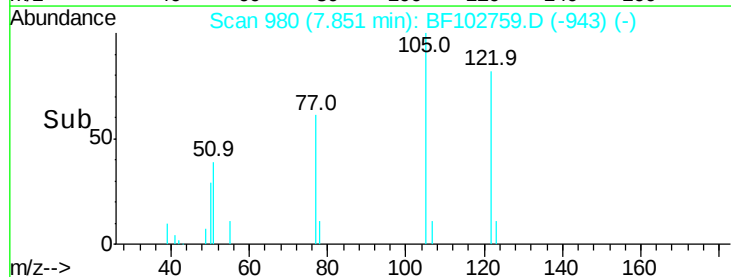
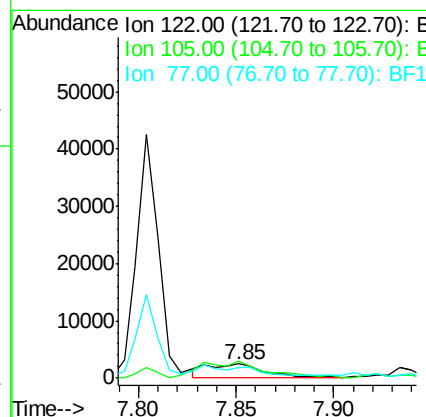
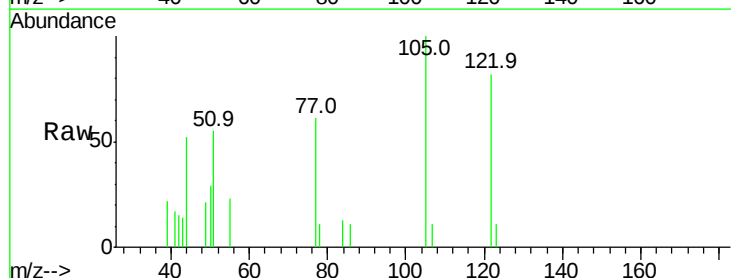
Instrument :
BNA_F
ClientSampleId :

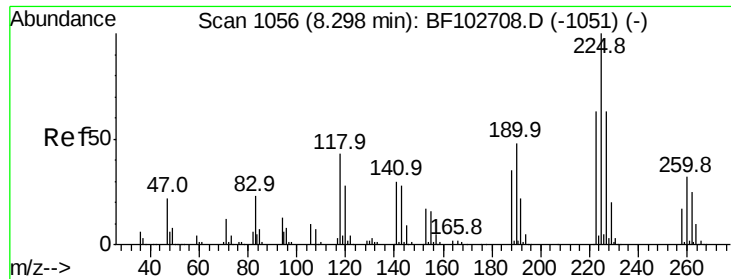
Tot Ion:128 Resp: 1138704
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.5 10.9 16.3



#32
Benzoic acid
Concen: 9.117 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.08 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:122 Resp: 5193
Ion Ratio Lower Upper
122 100
105 122.3 101.1 141.1
77 74.2 70.7 110.7

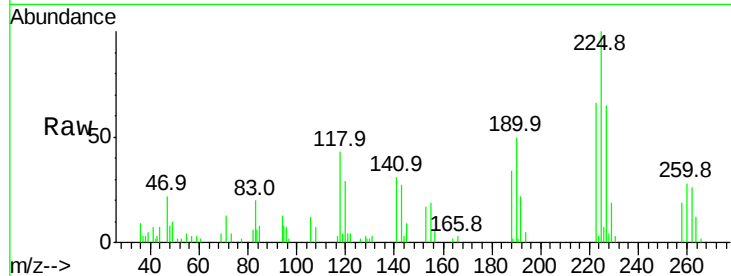




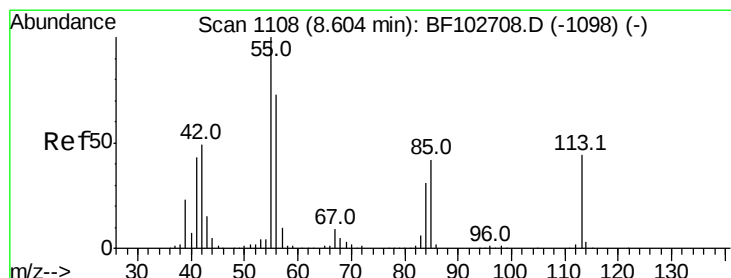
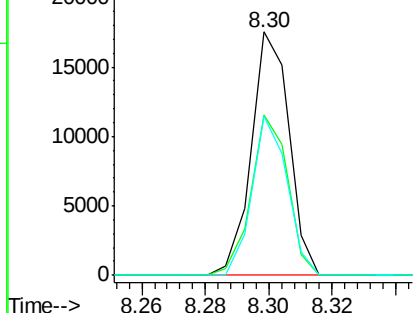
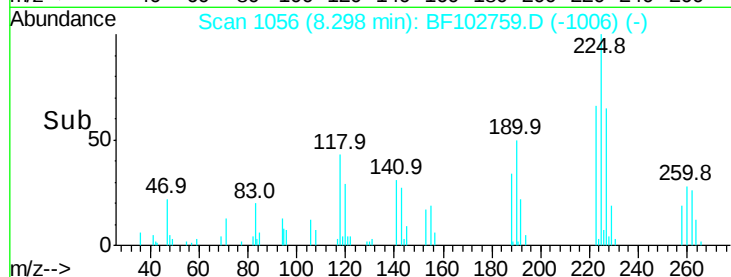
#34
Hexachlorobutadiene
Concen: 2.225 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:225 Resp: 14528
Ion Ratio Lower Upper
225 100
223 65.8 50.6 76.0
227 65.2 51.9 77.9

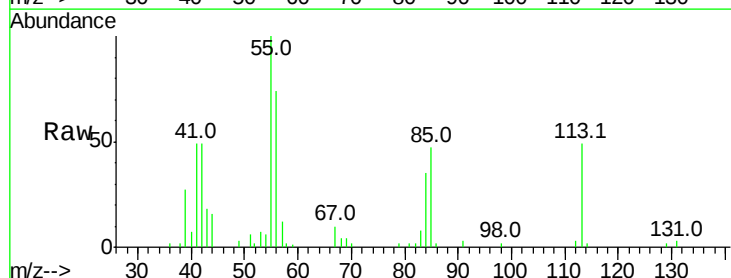


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

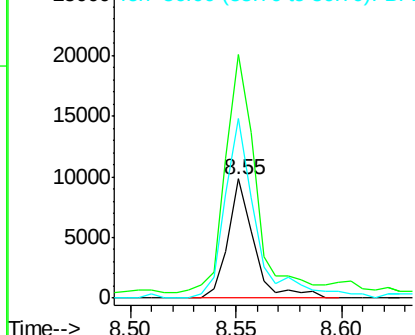
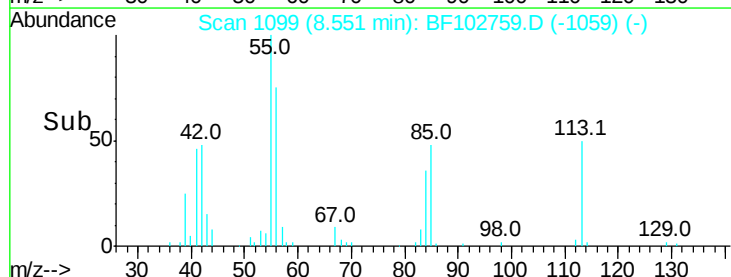


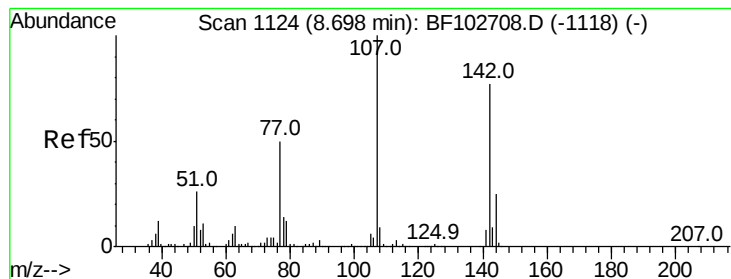
#35
Caprolactam
Concen: 2.135 ng
RT: 8.55 min Scan# 1099
Delta R.T. -0.06 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:113 Resp: 8350
Ion Ratio Lower Upper
113 100
55 203.9 163.3 203.3#
56 150.2 115.7 155.7



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





#36

4-Chloro-3-methylphenol

Concen: 2.421 ng

RT: 8.70 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

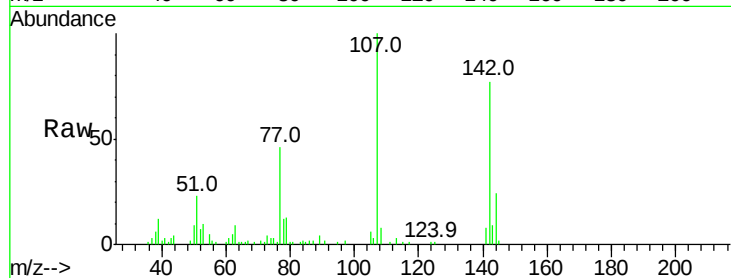
Tot Ion:107 Resp: 30633

Ion Ratio Lower Upper

107 100

144 23.9 20.5 30.7

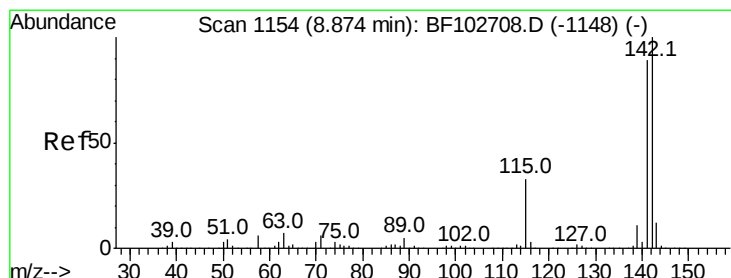
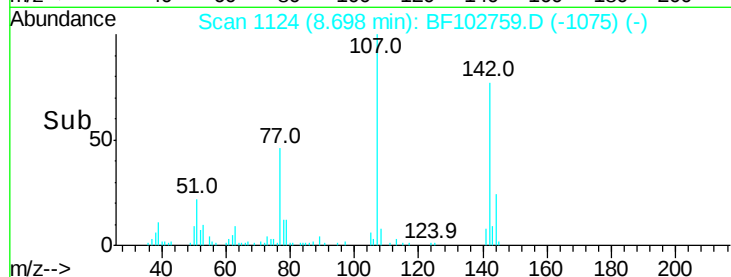
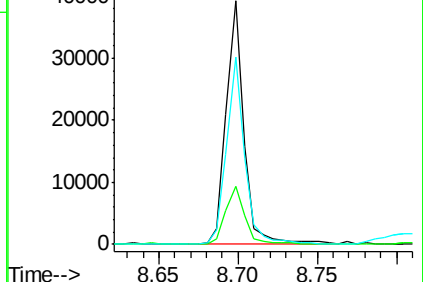
142 76.8 62.0 93.0



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 6.877 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

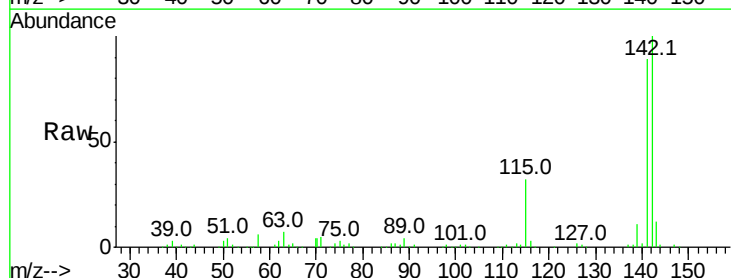
Tgt Ion:142 Resp: 194358

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

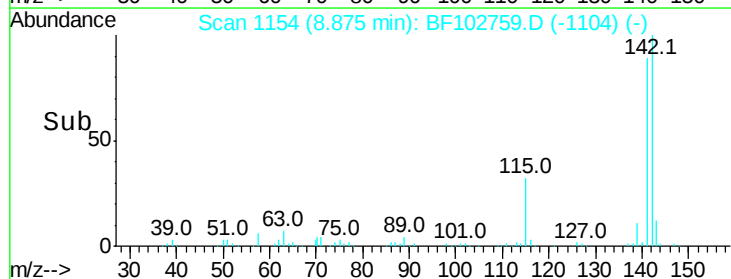
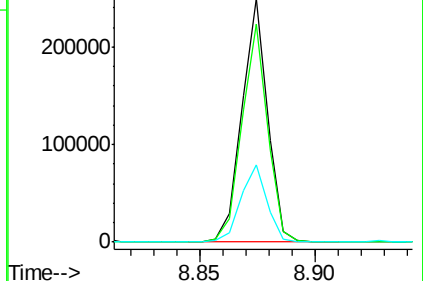
115 31.8 26.1 39.1

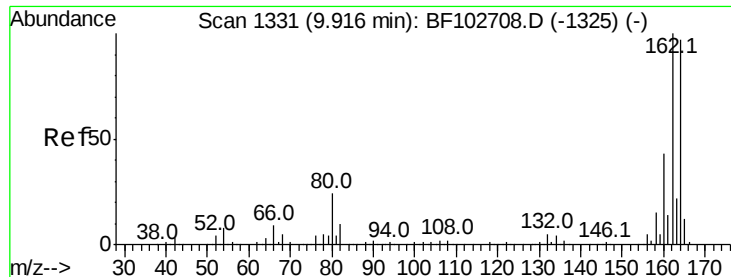


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

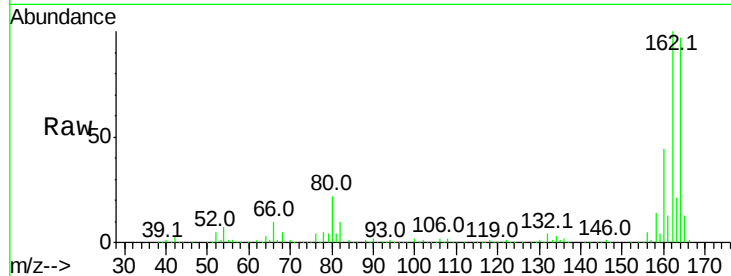




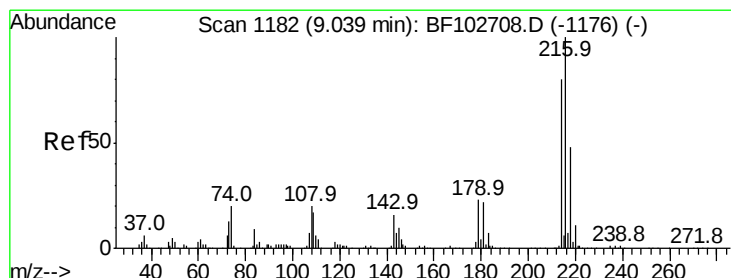
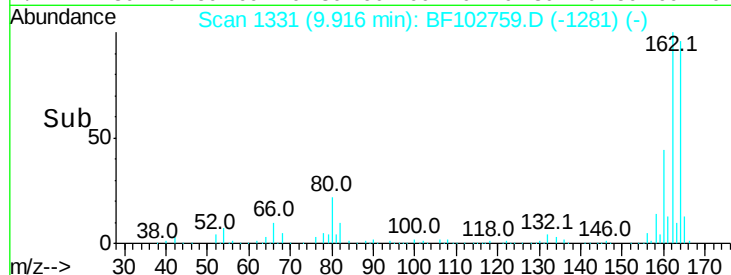
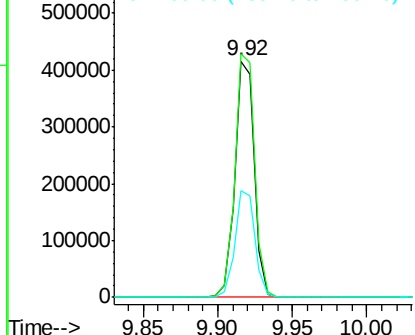
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 380037
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.0 38.3 57.5



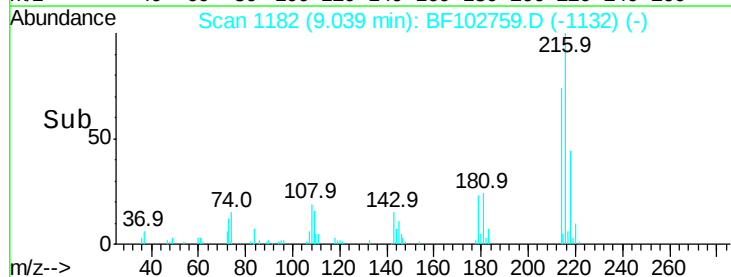
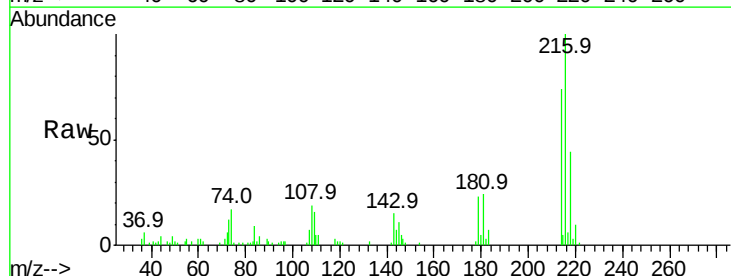
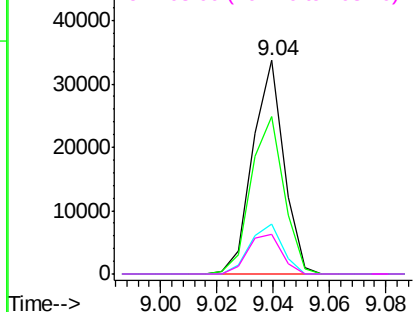
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

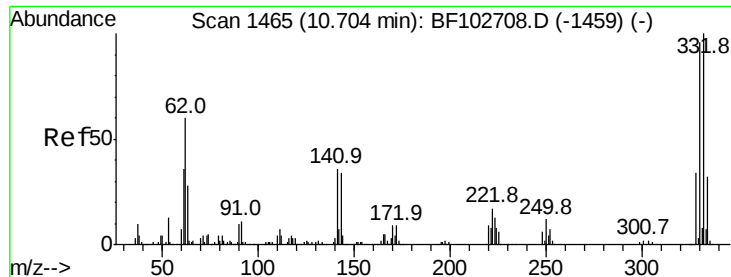


#39
1,2,4,5-Tetrachlorobenzene
Concen: 2.491 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:216 Resp: 25773
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 24.4 18.1 27.1
108 20.5 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





#41

2,4,6-Tribromophenol

Concen: 6.907 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

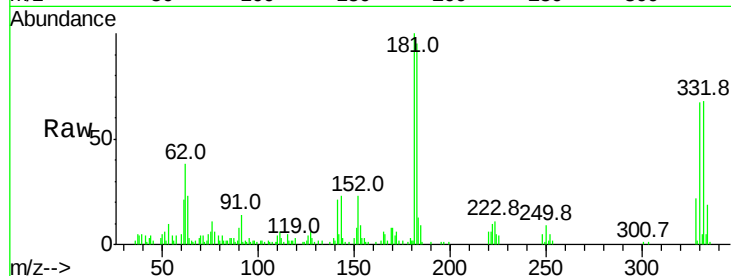
Tot Ion:330 Resp: 21129

Ion Ratio Lower Upper

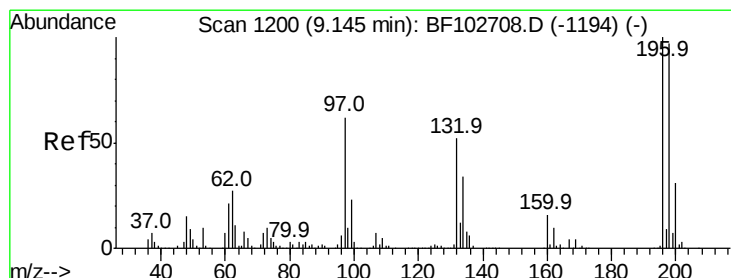
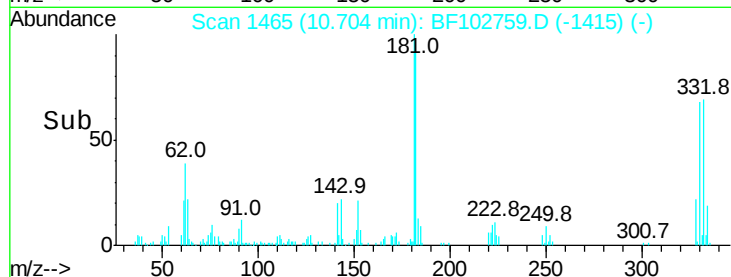
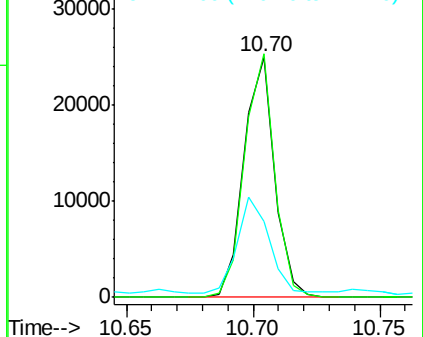
330 100

332 99.0 77.0 115.6

141 42.0 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: 2.577 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

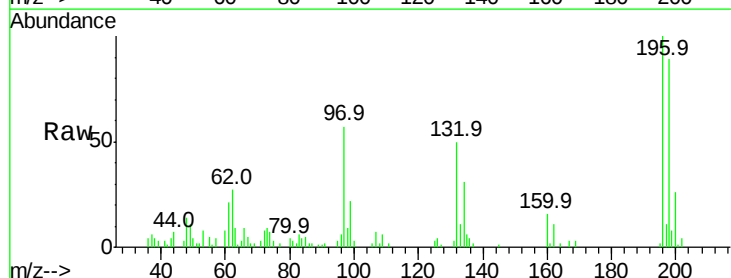
Tgt Ion:196 Resp: 17517

Ion Ratio Lower Upper

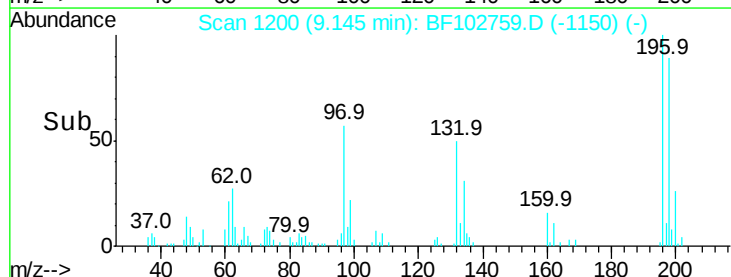
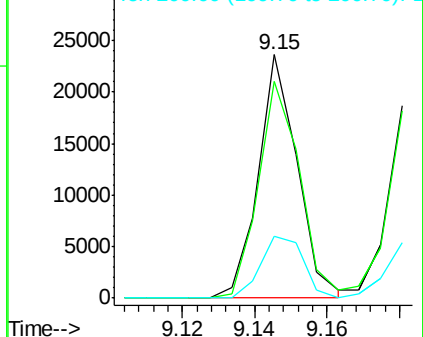
196 100

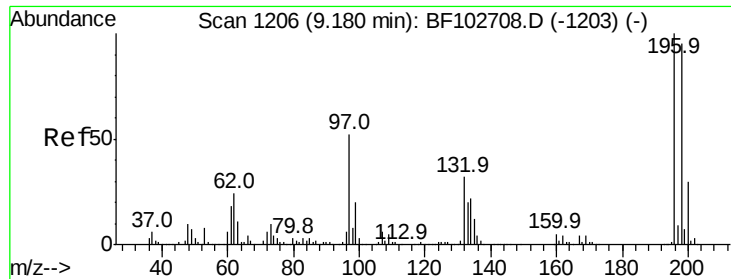
198 89.1 75.7 113.5

200 27.0 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

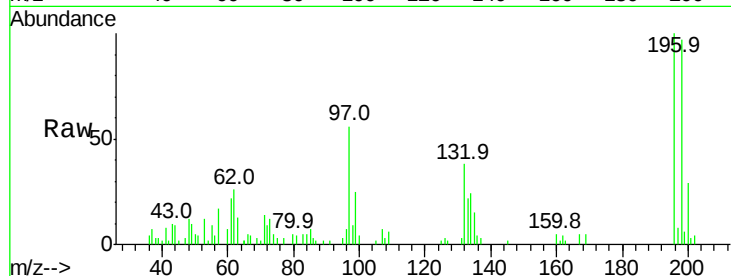




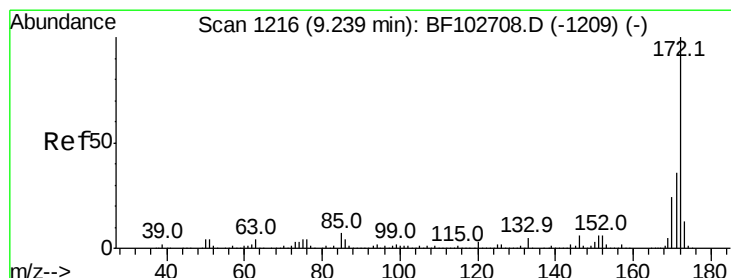
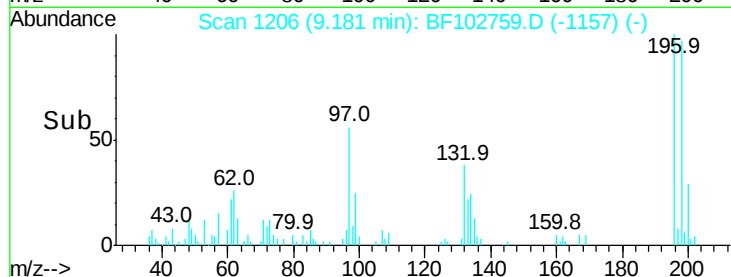
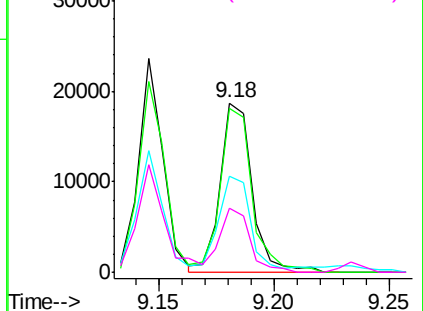
#43
 2,4,5-Trichlorophenol
 Concen: 2.330 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	196	Resp:	17846
Ion	Ratio	Lower	Upper
196	100		
198	96.8	74.6	112.0
97	56.4	42.9	64.3
132	37.5	26.3	39.5

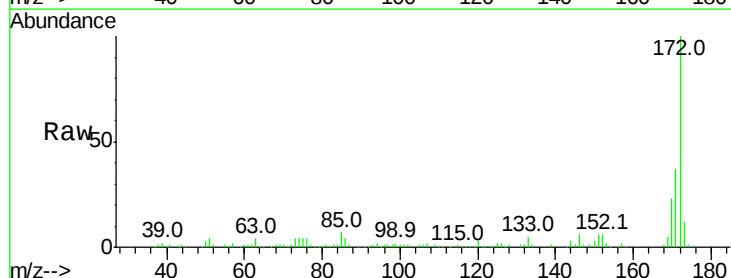


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

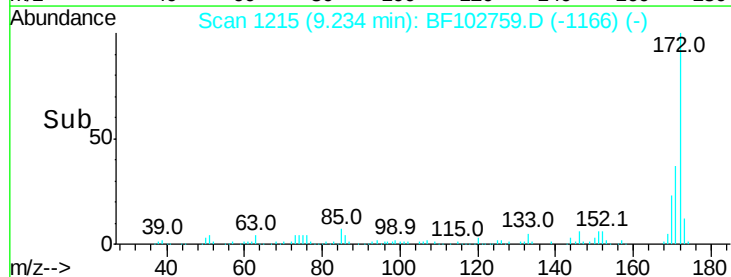
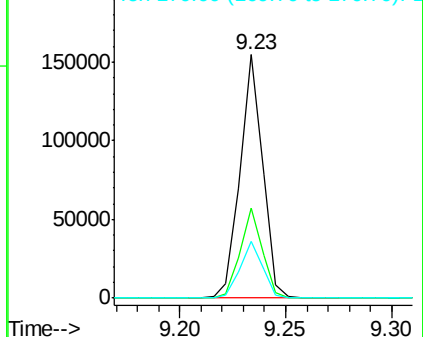


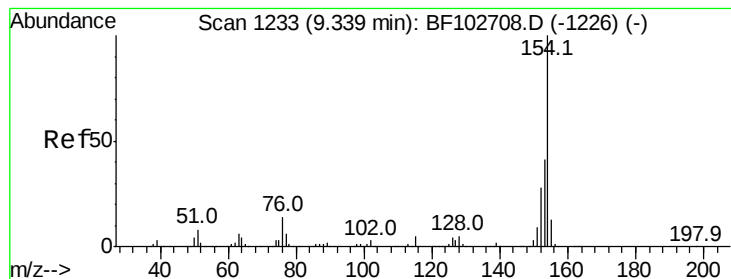
#44
 2-Fluorobiphenyl
 Concen: 4.970 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Tgt Ion:	172	Resp:	113817
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	23.2	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 4.198 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

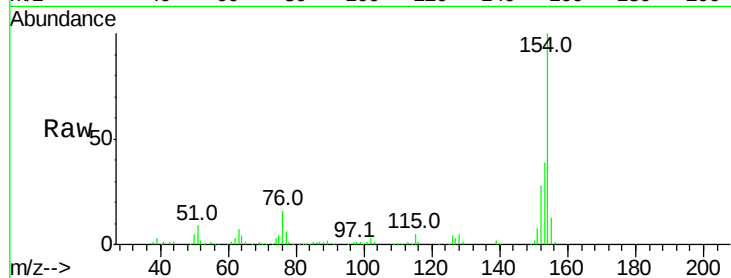
Tot Ion:154 Resp: 134364

Ion Ratio Lower Upper

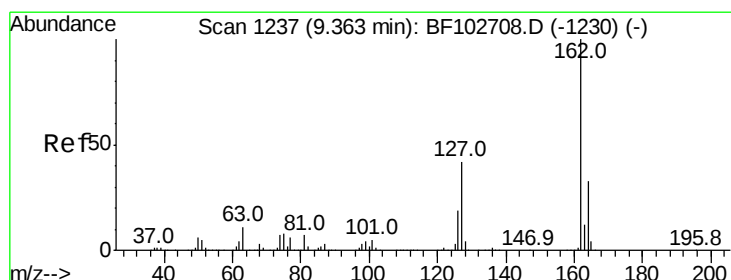
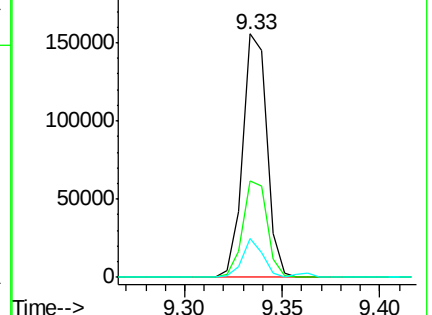
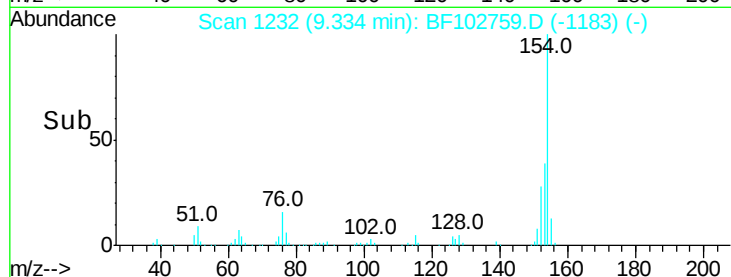
154 100

153 39.4 21.3 61.3

76 15.7 0.0 34.0



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



#46

2-Chloronaphthalene

Concen: 2.427 ng

RT: 9.36 min Scan# 1237

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

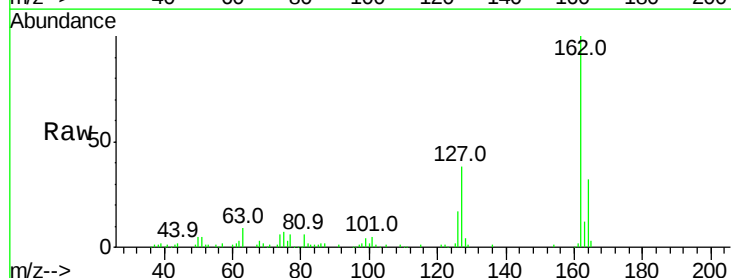
Tgt Ion:162 Resp: 61152

Ion Ratio Lower Upper

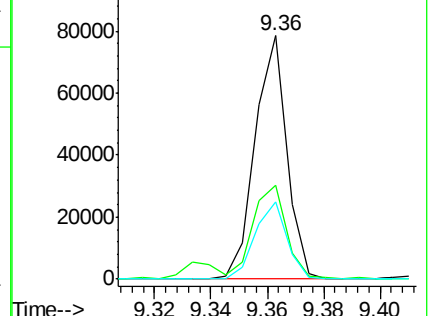
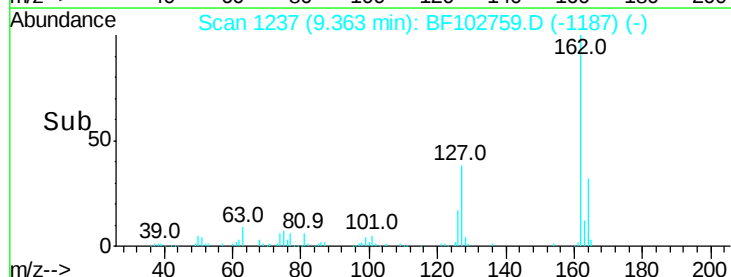
162 100

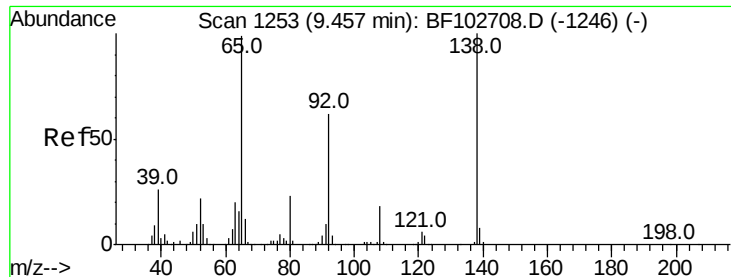
127 38.4 33.9 50.9

164 31.8 26.5 39.7



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





#47

2-Nitroaniline

Concen: 5.821 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

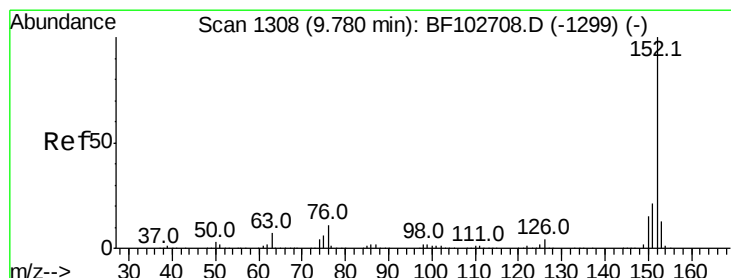
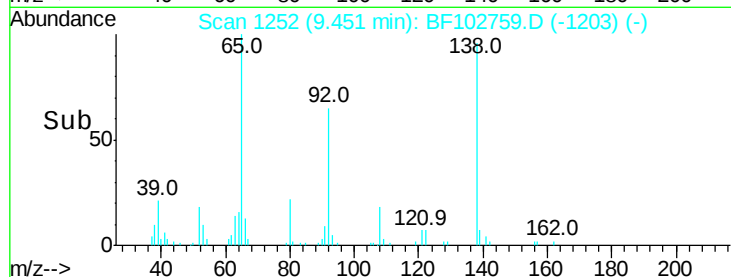
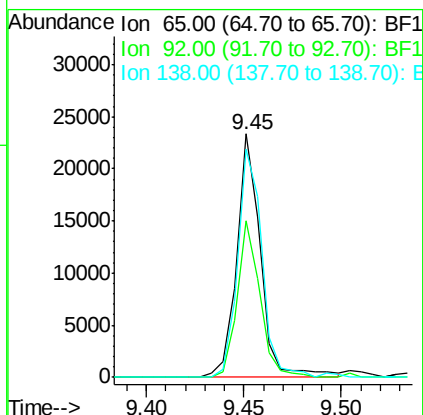
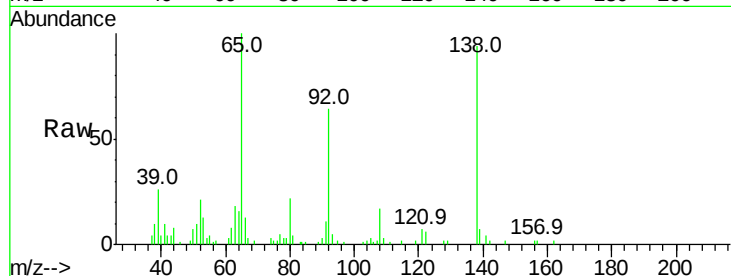
Tot Ion: 65 Resp: 19690

Ion Ratio Lower Upper

65 100

92 64.1 55.8 83.6

138 93.9 91.2 136.8



#48

Acenaphthylene

Concen: 8.476 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

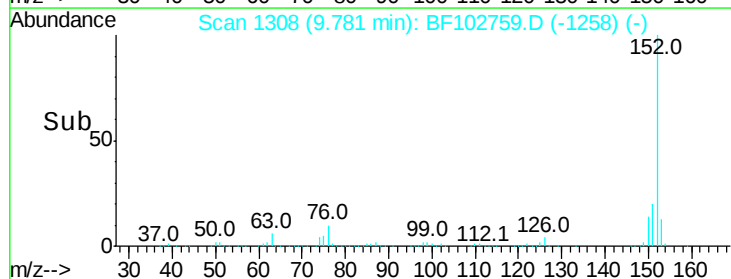
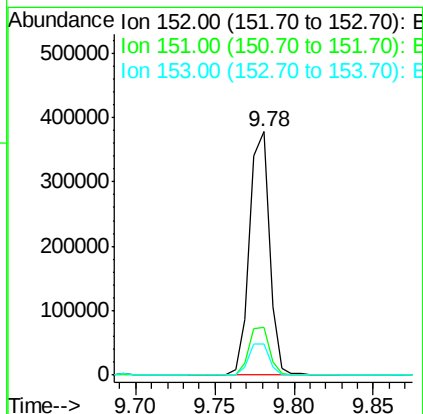
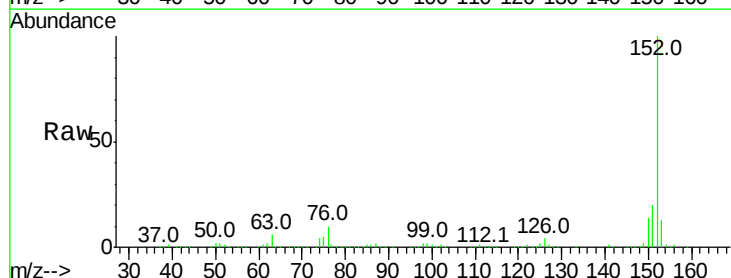
Tgt Ion: 152 Resp: 331755

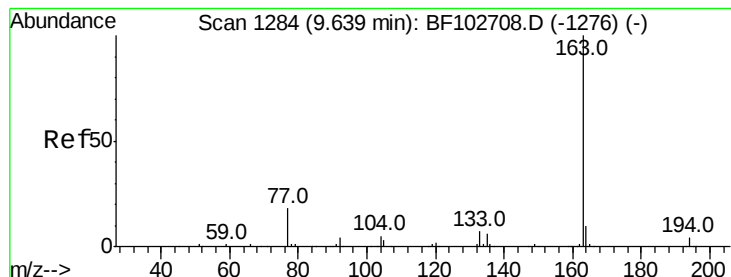
Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

153 12.9 10.7 16.1





#49

Dimethylphthalate

Concen: 2.721 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.02 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

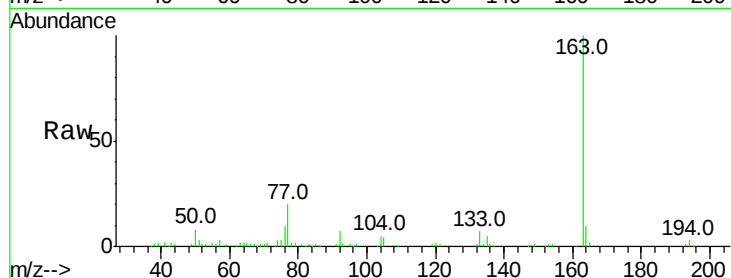
Tot Ion:163 Resp: 80624

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

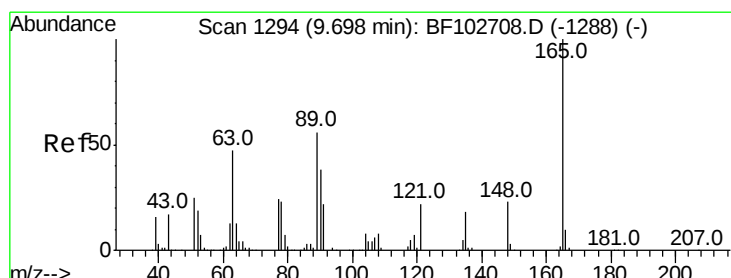
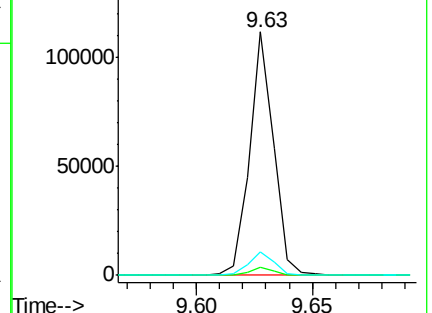
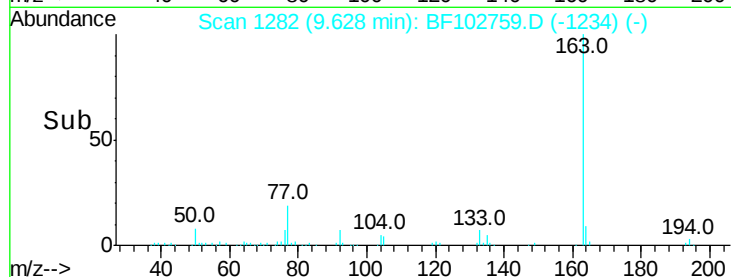
164 9.6 8.2 12.2



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: 2.175 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

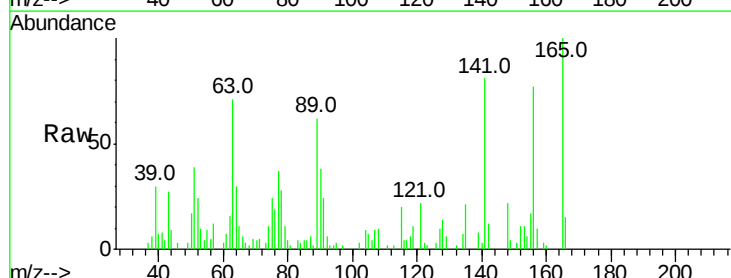
Tgt Ion:165 Resp: 12261

Ion Ratio Lower Upper

165 100

63 70.9 44.7 67.1#

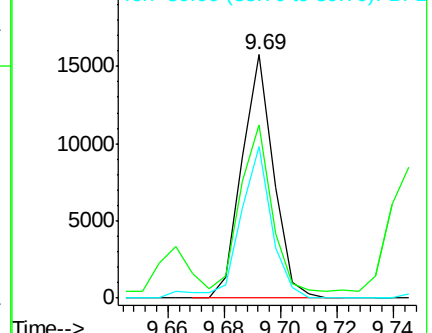
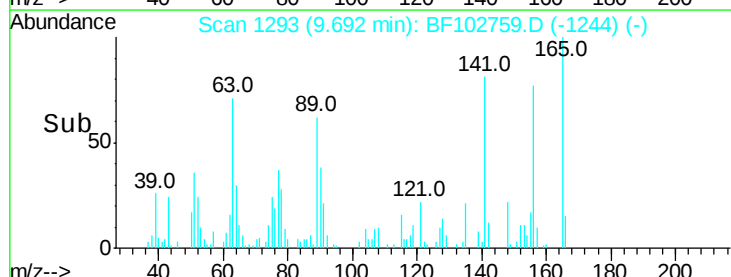
89 62.2 44.0 66.0

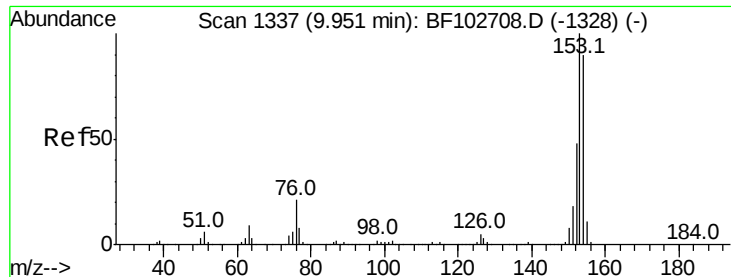


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 3.147 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampled :

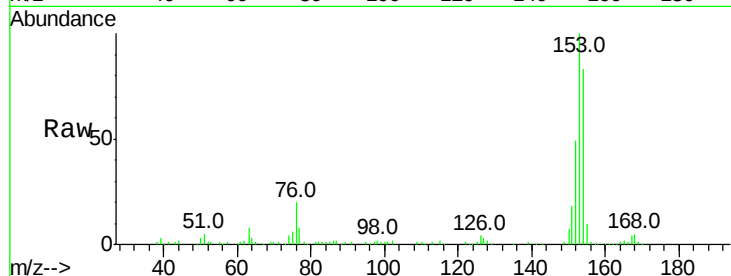
Tot Ion:154 Resp: 73655

Ion Ratio Lower Upper

154 100

153 120.9 91.2 136.8

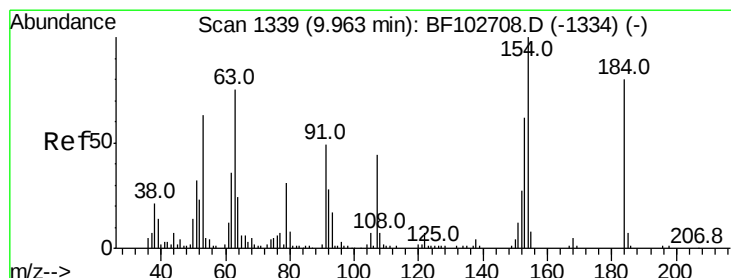
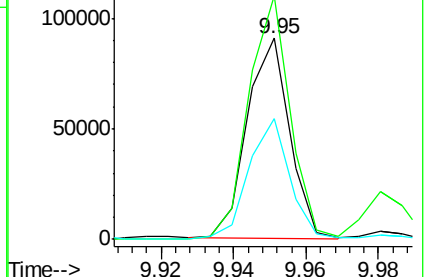
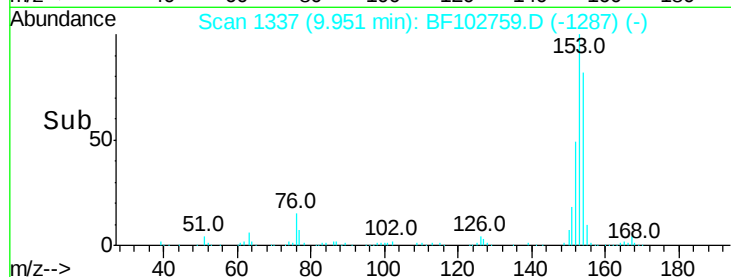
152 59.7 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 8.141 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

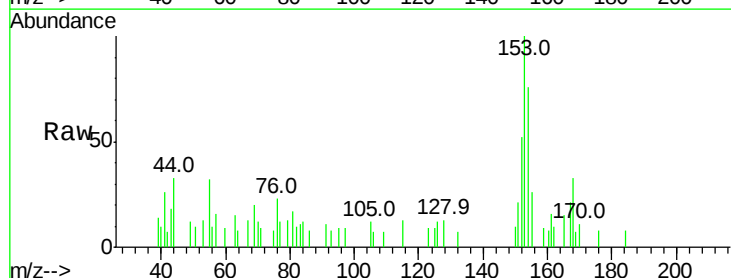
Tgt Ion:184 Resp: 220

Ion Ratio Lower Upper

184 100

63 198.1 54.2 81.2#

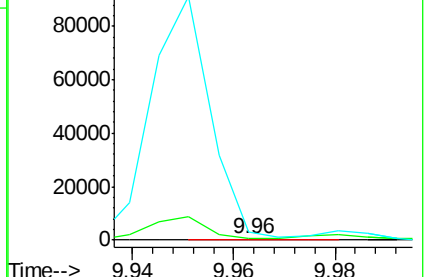
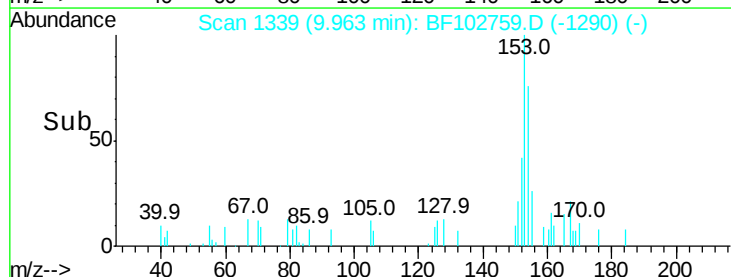
154 1008.1 184.0 276.0#

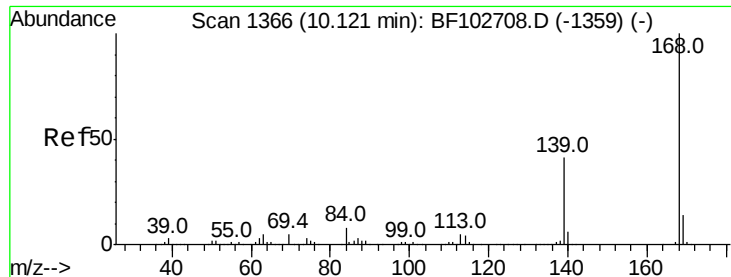


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 9.706 ng

RT: 10.12 min Scan# 1366

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

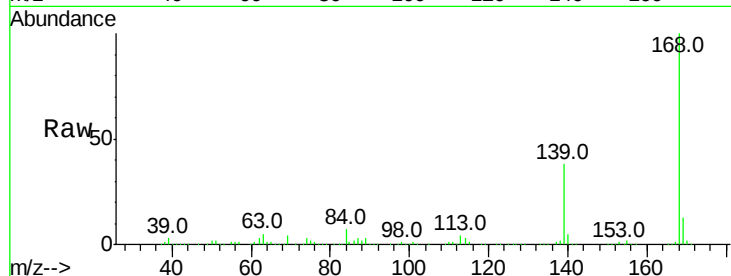
Tot Ion:168 Resp: 320168

Ion Ratio Lower Upper

168 100

139 38.4 30.1 45.1

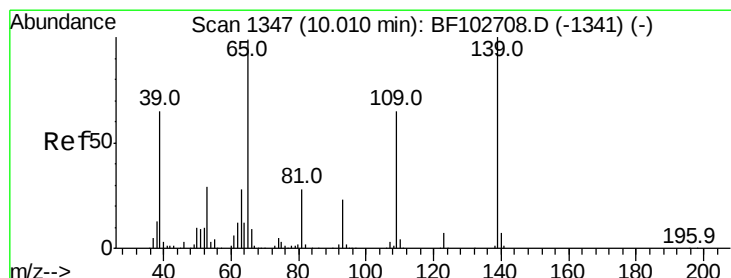
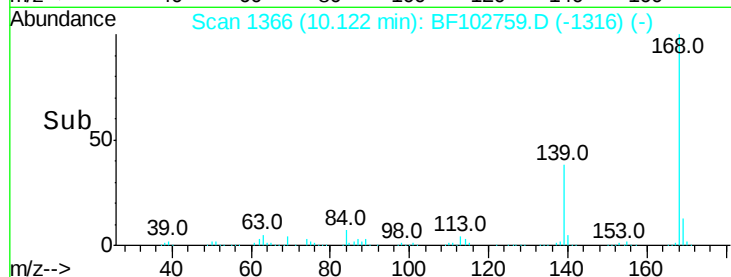
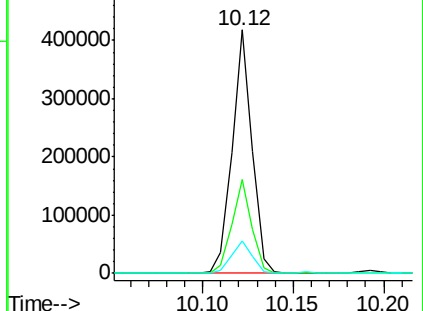
169 13.5 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 7.507 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

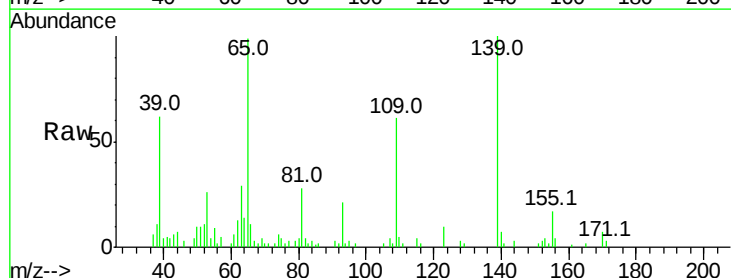
Tgt Ion:139 Resp: 20908

Ion Ratio Lower Upper

139 100

109 61.2 48.4 88.4

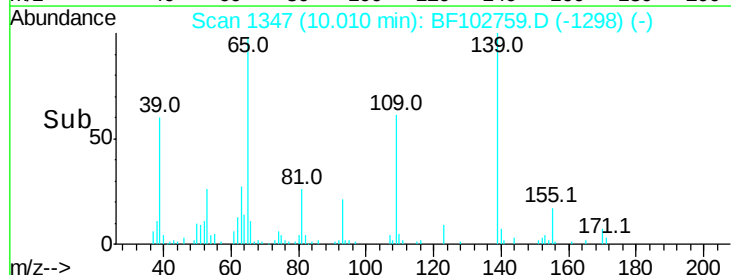
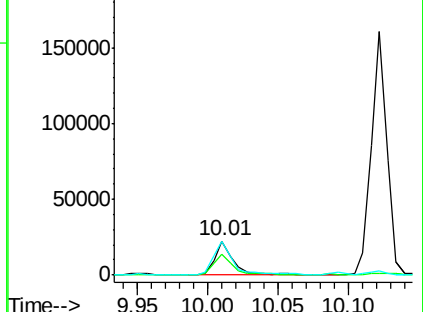
65 99.3 72.6 112.6

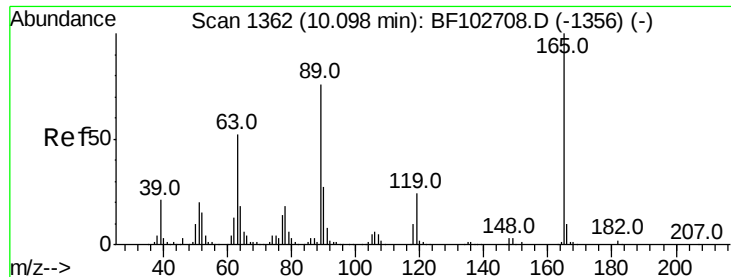


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

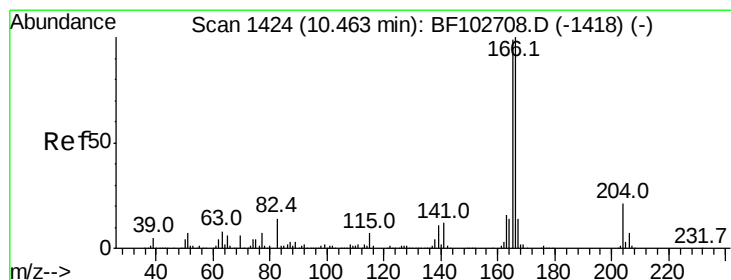
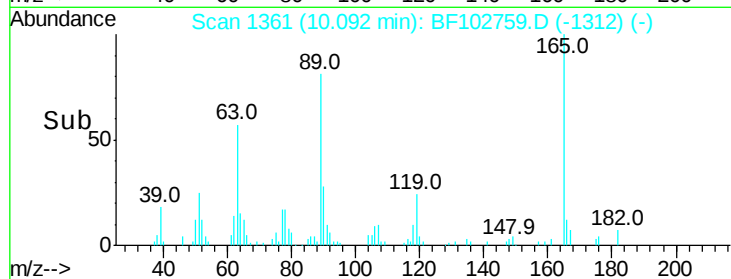
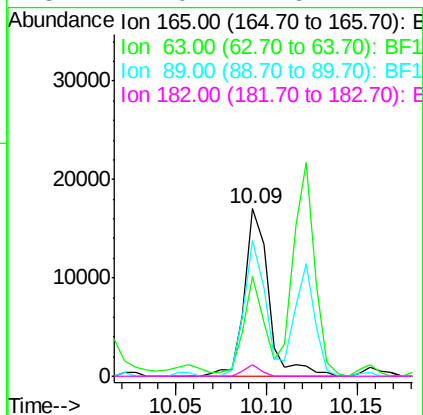
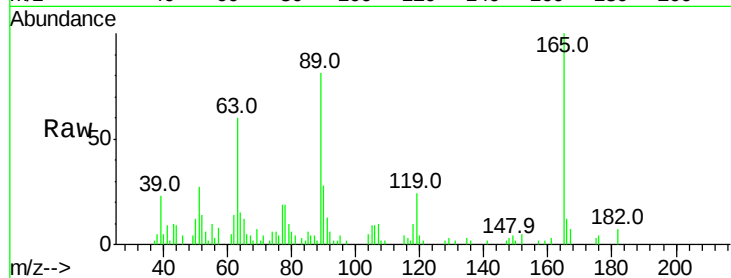




#56
2,4-Dinitrotoluene
Concen: 5.030 ng
RT: 10.09 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

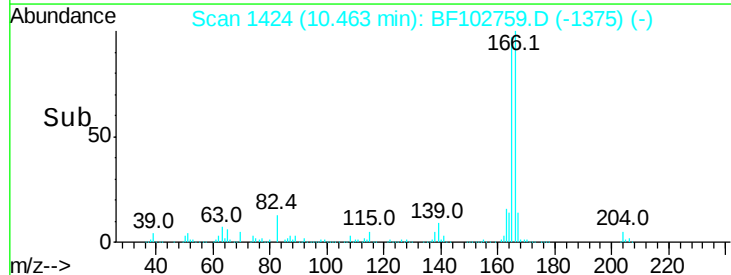
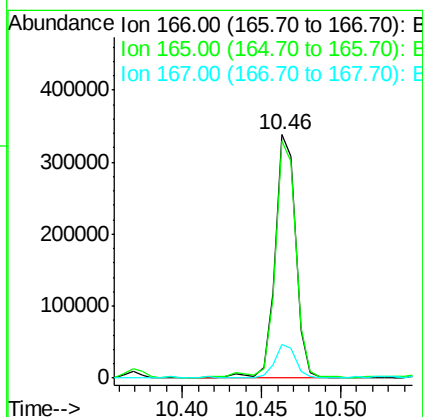
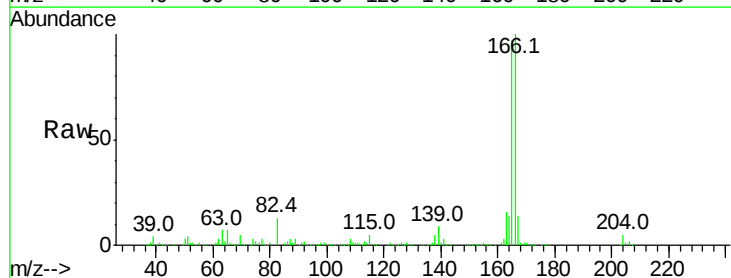
Instrument :
BNA_F
ClientSampleId :

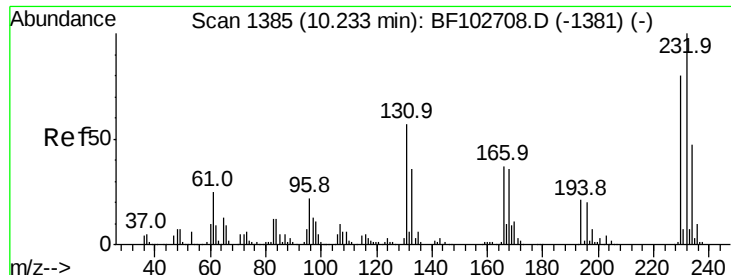
Tot Ion:165 Resp: 15788
Ion Ratio Lower Upper
165 100
63 59.7 36.4 54.6#
89 81.2 57.8 86.6
182 7.0 1.6 2.4#



#57
Fluorene
Concen: 12.801 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:166 Resp: 307234
Ion Ratio Lower Upper
166 100
165 97.3 79.8 119.8
167 13.8 10.6 16.0

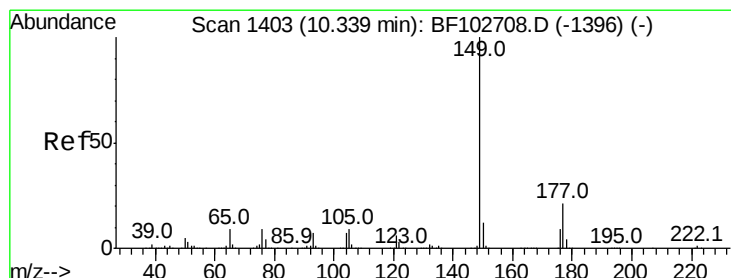
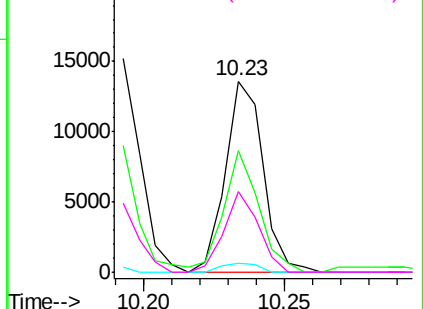
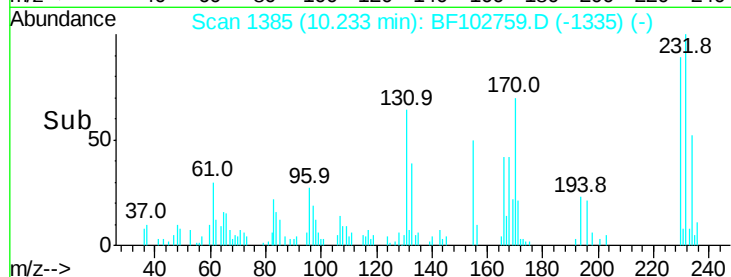
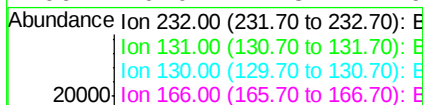
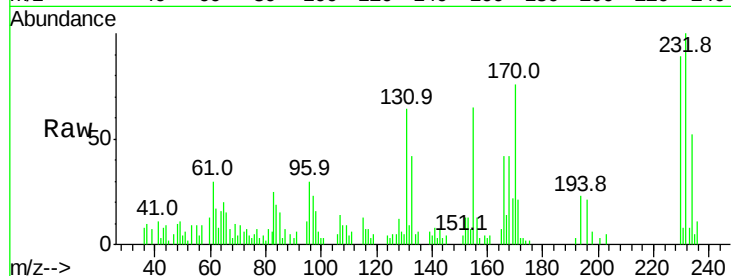




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 2.372 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

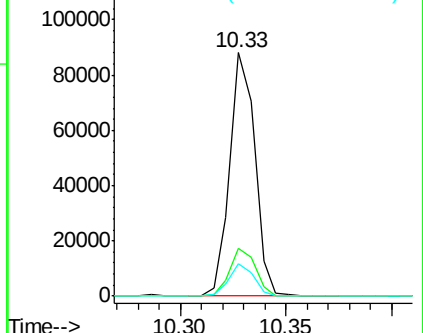
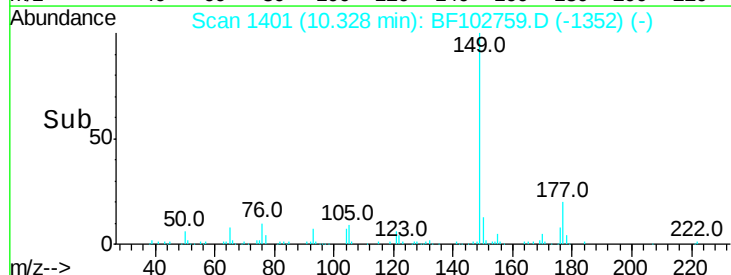
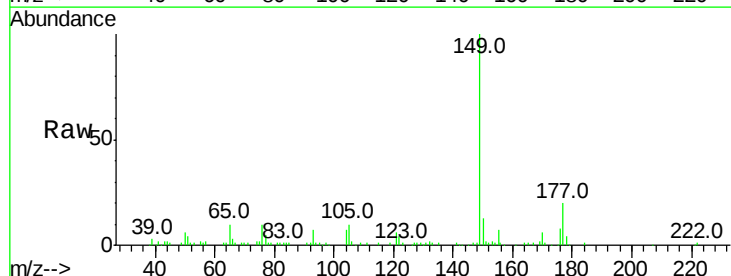
Instrument :
 BNA_F
 ClientSampleId :

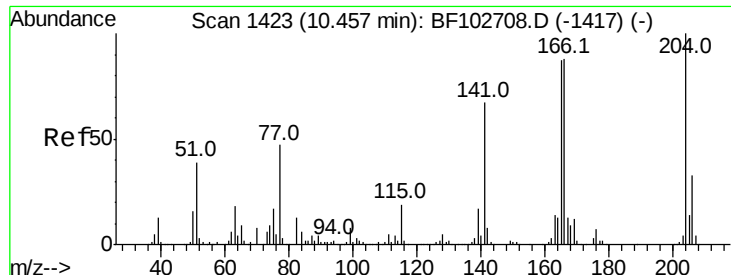
Tot Ion:232 Resp: 12594
 Ion Ratio Lower Upper
 232 100
 131 59.6 43.8 65.8
 130 4.9 2.1 3.1#
 166 0.0 27.8 41.6#



#59
 Diethylphthalate
 Concen: 2.465 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Tgt Ion:149 Resp: 72121
 Ion Ratio Lower Upper
 149 100
 177 19.9 16.1 24.1
 150 13.4 10.1 15.1

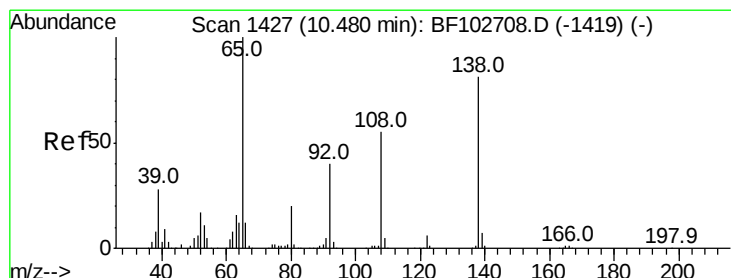
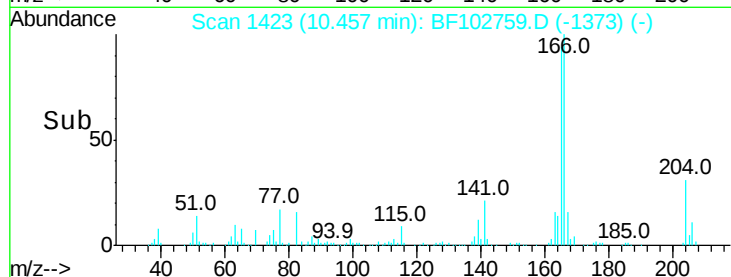
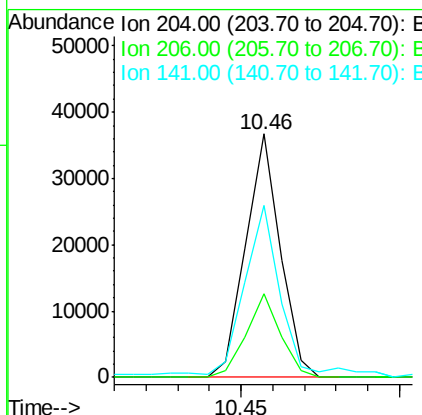
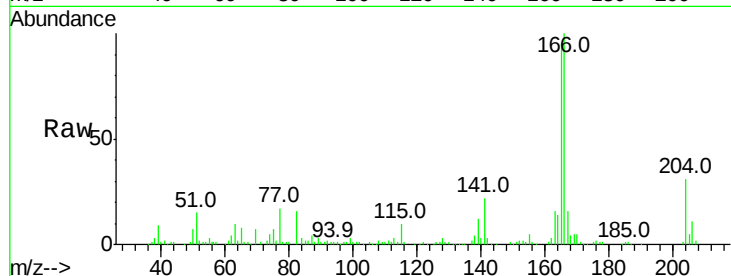




#60
4-Chlorophenyl-phenylether
Concen: 2.619 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

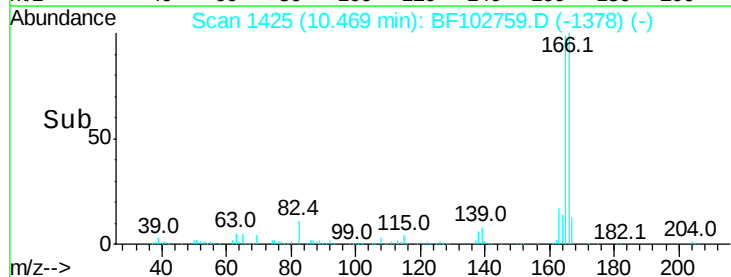
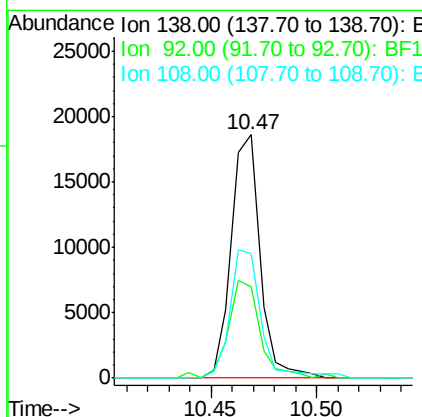
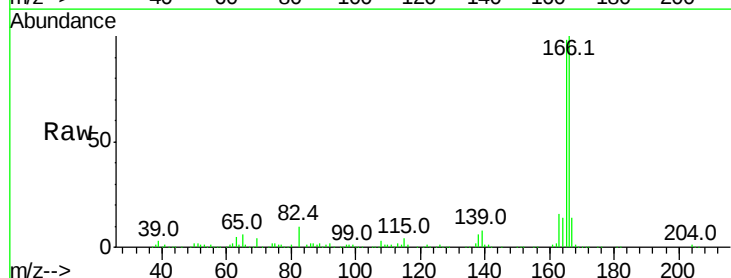
Instrument :
BNA_F
ClientSampled :

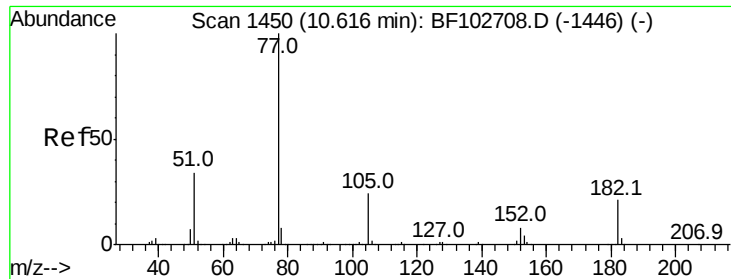
Tot Ion:204 Resp: 27803
Ion Ratio Lower Upper
204 100
206 34.5 26.5 39.7
141 70.6 54.6 81.8



#61
4-Nitroaniline
Concen: 2.670 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BF102759.D
Acq: 6 Feb 2018 1:44

Tgt Ion:138 Resp: 17629
Ion Ratio Lower Upper
138 100
92 37.4 30.2 70.2
108 51.1 52.5 92.5#





#62

Azobenzene

Concen: 2.254 ng

RT: 10.62 min Scan# 1450

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

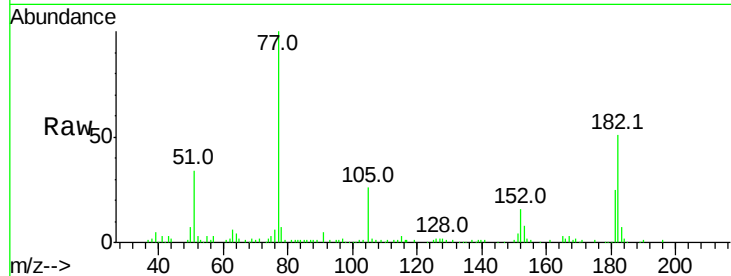
Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 65894

Ion	Ratio	Lower	Upper
77	100		
182	50.6	1.7	41.7#
105	26.5	3.0	43.0
51	34.2	9.9	49.9

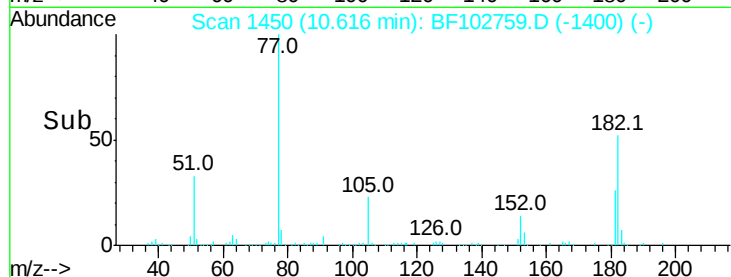


Abundance Ion 77.00 (76.70 to 77.70): BF1

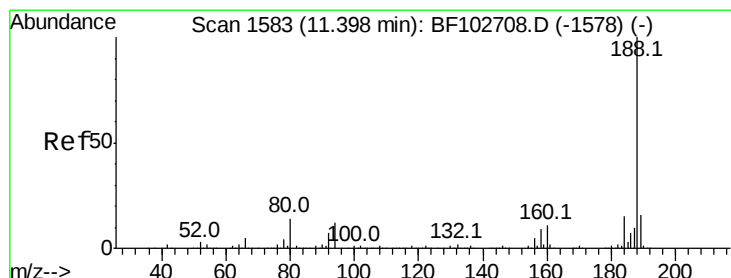
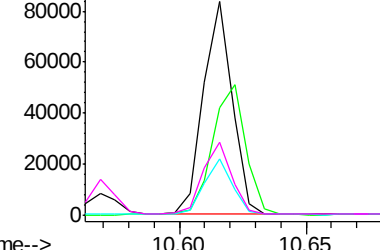
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time-->



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

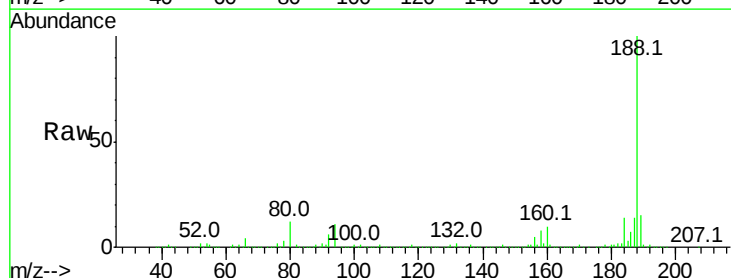
Delta R.T. 0.00 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Tgt Ion: 188 Resp: 588888

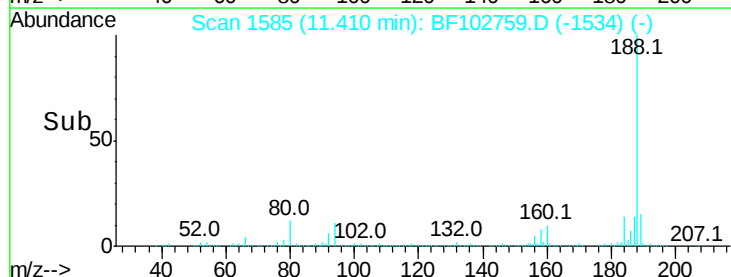
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.8	9.2	13.8



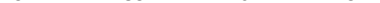
Abundance Ion 188.00 (187.70 to 188.70): E

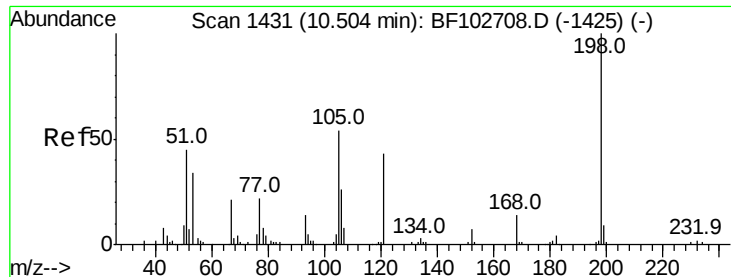
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->





#64

4,6-Dinitro-2-methylphenol

Concen: 9.044 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

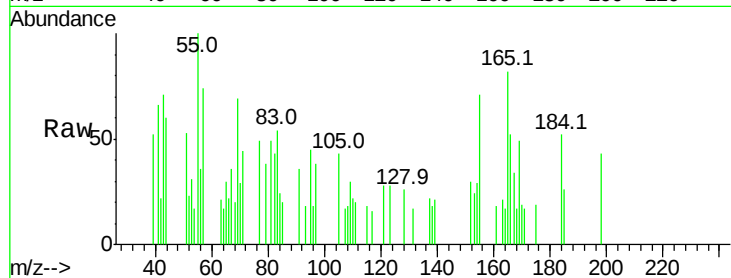
Tot Ion:198 Resp: 668

Ion Ratio Lower Upper

198 100

51 124.5 37.7 77.7#

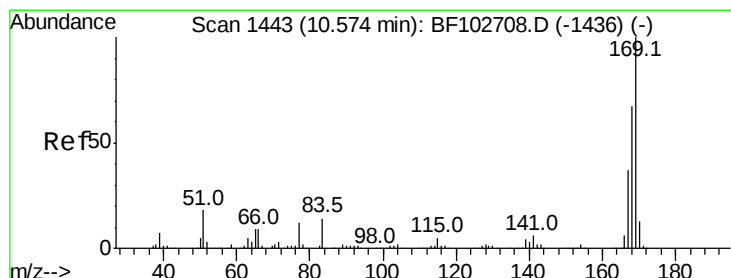
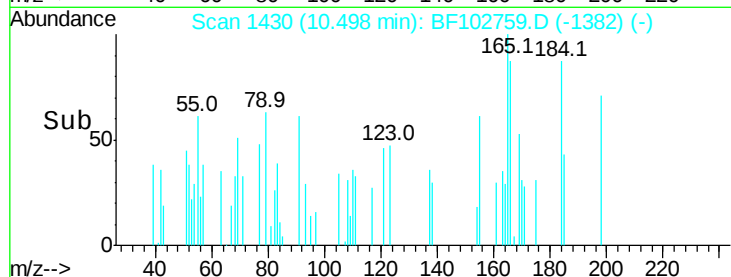
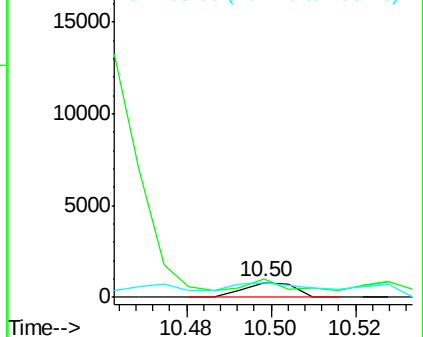
105 100.9 36.3 76.3#



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: 2.985 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

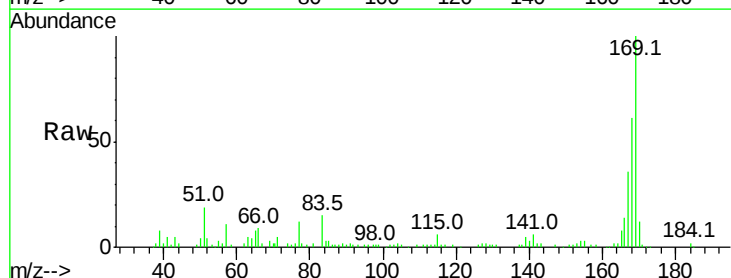
Tgt Ion:169 Resp: 62006

Ion Ratio Lower Upper

169 100

168 61.2 54.4 81.6

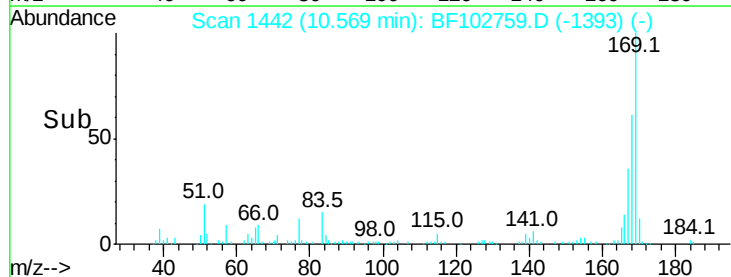
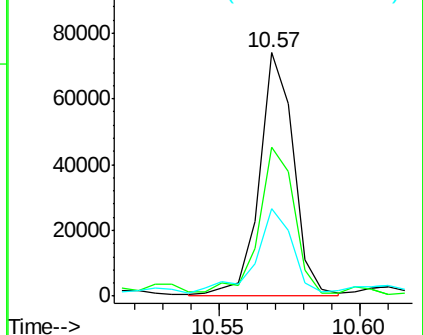
167 35.8 29.8 44.6

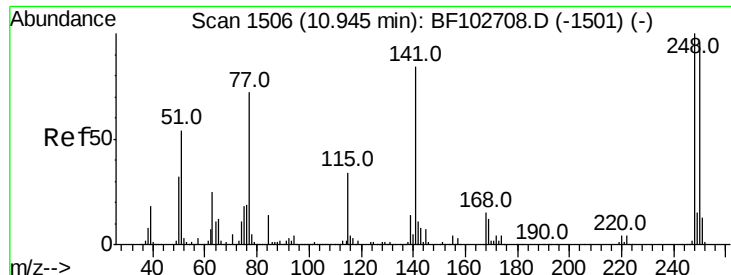


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

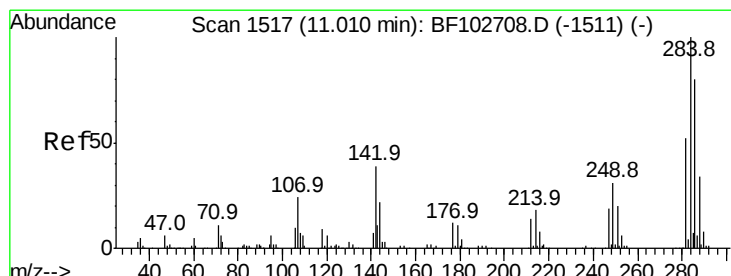
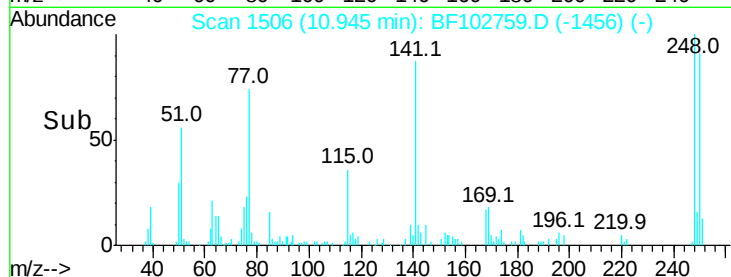
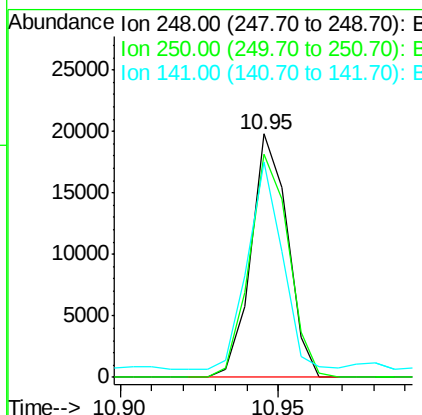
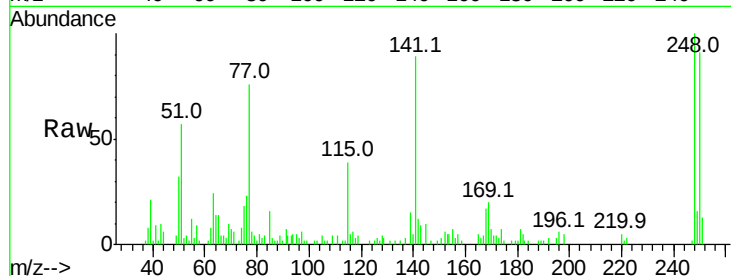




#66
 4-Bromophenyl-phenylether
 Concen: 2.545 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

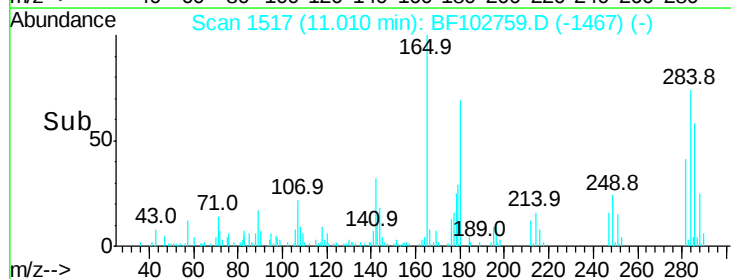
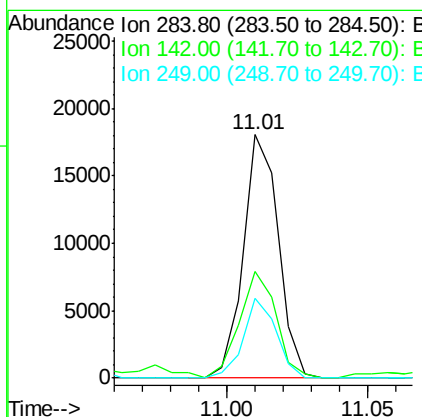
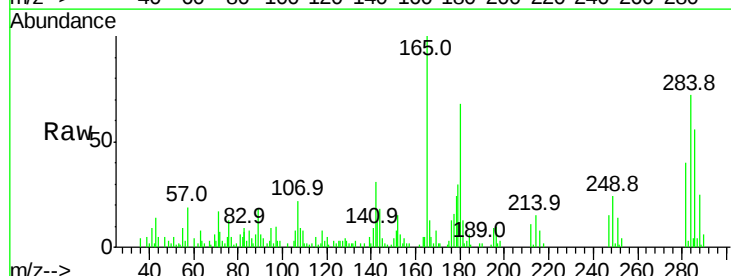
Instrument :
 BNA_F
 ClientSampled :

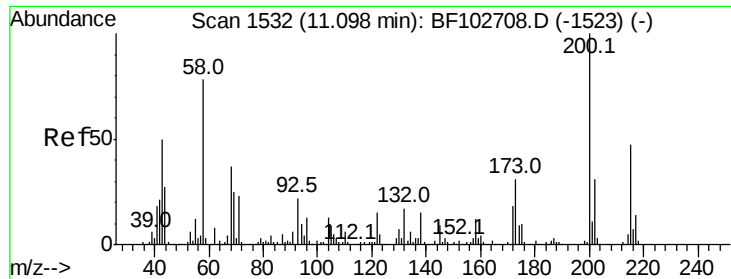
Tot Ion:248 Resp: 15856
 Ion Ratio Lower Upper
 248 100
 250 91.4 76.9 115.3
 141 88.6 74.4 111.6



#67
 Hexachlorobenzene
 Concen: 2.253 ng
 RT: 11.01 min Scan# 1517
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Tgt Ion:284 Resp: 15481
 Ion Ratio Lower Upper
 284 100
 142 43.7 34.6 52.0
 249 32.9 24.8 37.2

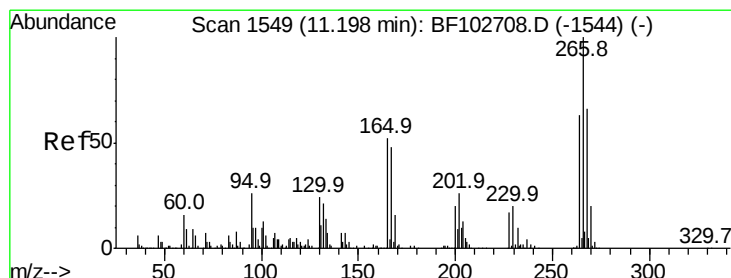
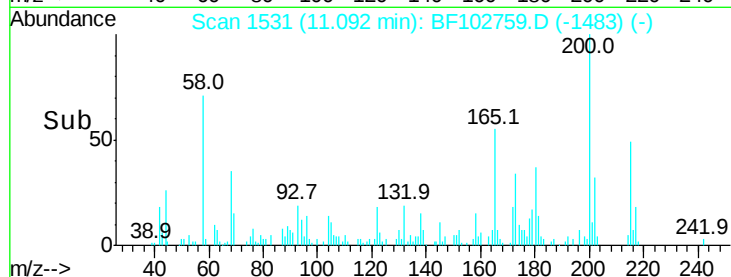
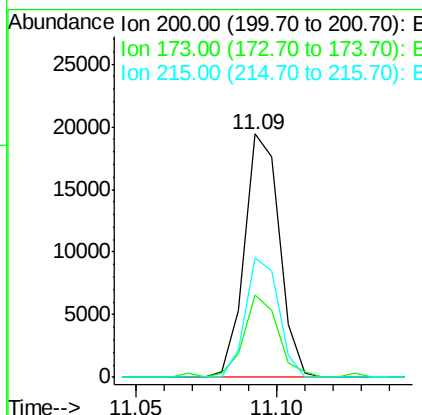
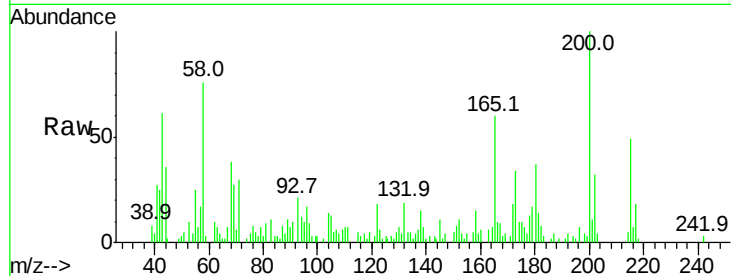




#68
 Atrazine
 Concen: 2.723 ng
 RT: 11.09 min Scan# 1531
 Delta R.T. -0.02 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

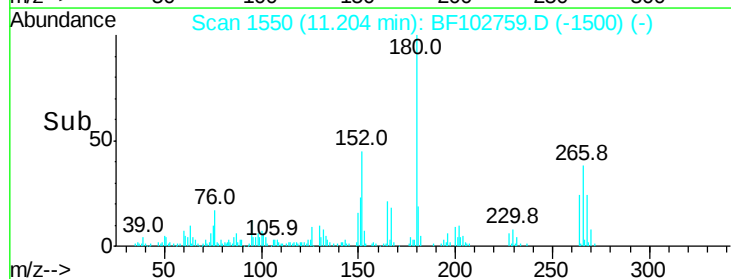
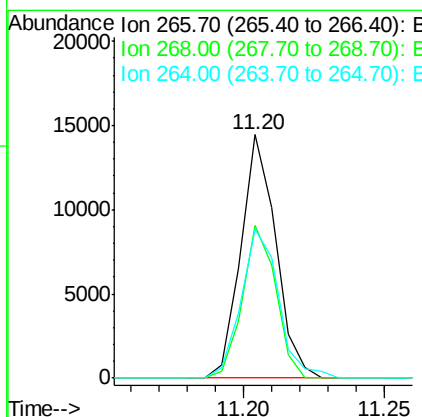
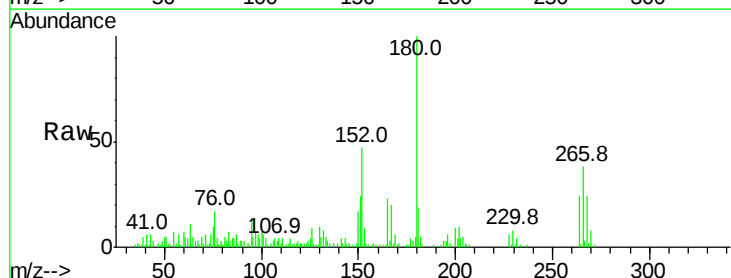
Instrument :
 BNA_F
 ClientSampleId :

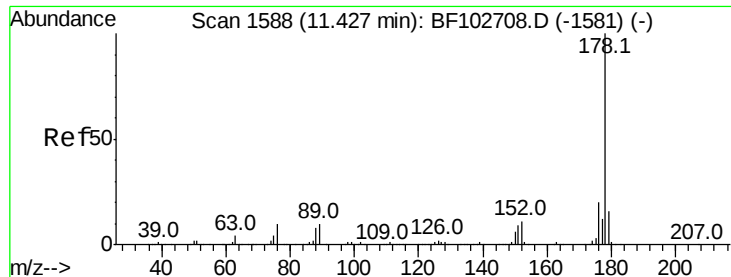
Tot Ion:	200	Resp:	16688
Ion Ratio	Lower	Upper	
200	100		
173	33.6	8.6	48.6
215	49.3	25.1	65.1



#69
 Pentachlorophenol
 Concen: 3.073 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Tgt Ion:	266	Resp:	12398
Ion Ratio	Lower	Upper	
266	100		
268	62.8	51.1	76.7
264	61.4	49.5	74.3





#70

Phenanthrene

Concen: 54.205 ng

RT: 11.43 min Scan# 1589

Delta R.T. 0.00 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

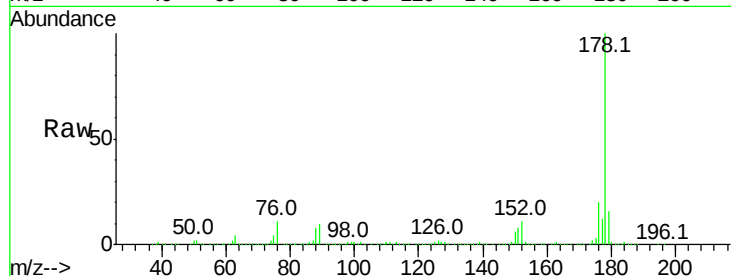
Tot Ion:178 Resp: 1777765

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.9	13.0	19.6

178 100

176 20.0 15.8 23.8

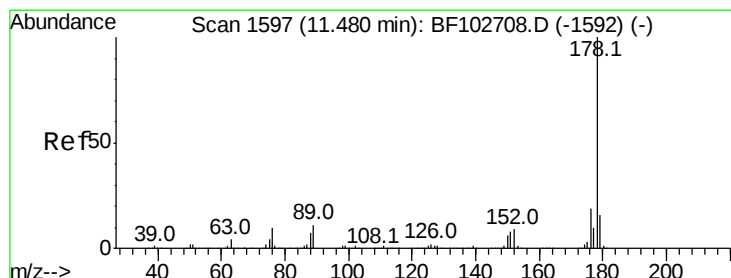
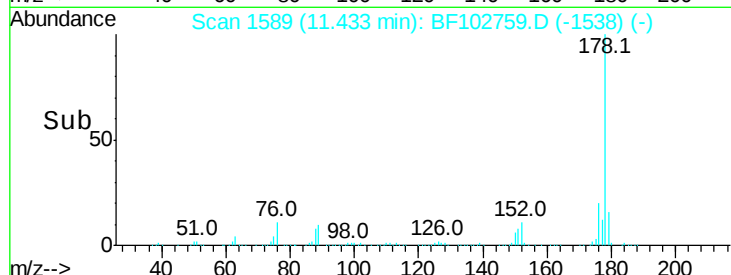
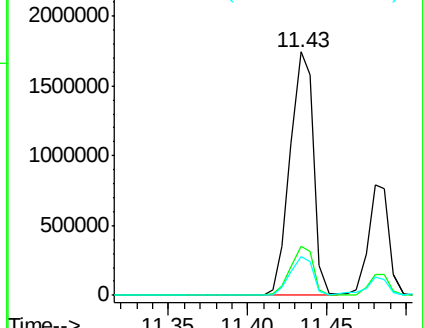
179 15.9 13.0 19.6



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: 21.536 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

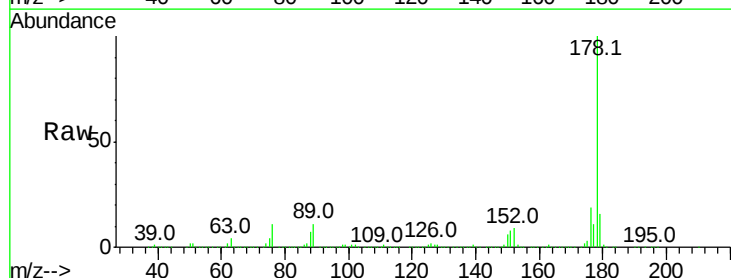
Tgt Ion:178 Resp: 718378

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.4	23.2
179	16.3	12.6	19.0

178 100

176 19.0 15.4 23.2

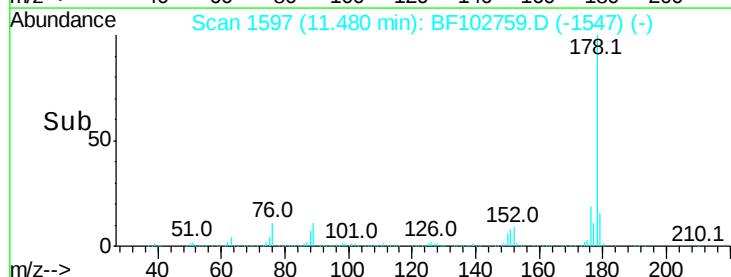
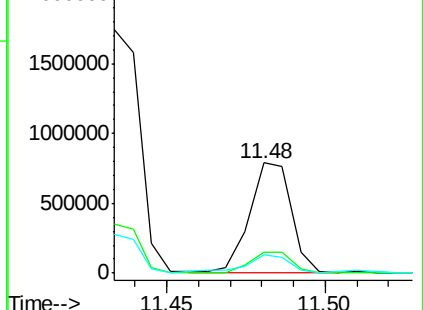
179 16.3 12.6 19.0

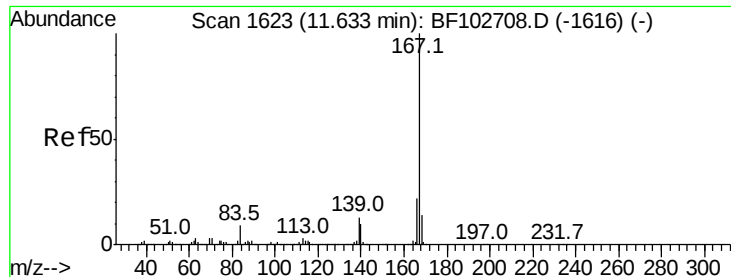


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 9.024 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

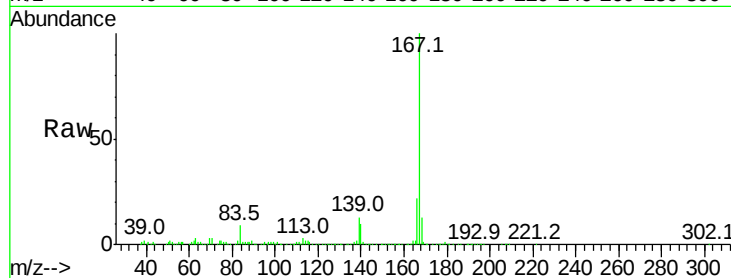
Tot Ion:167 Resp: 294907

Ion Ratio Lower Upper

167 100

166 21.8 17.6 26.4

139 12.9 10.9 16.3

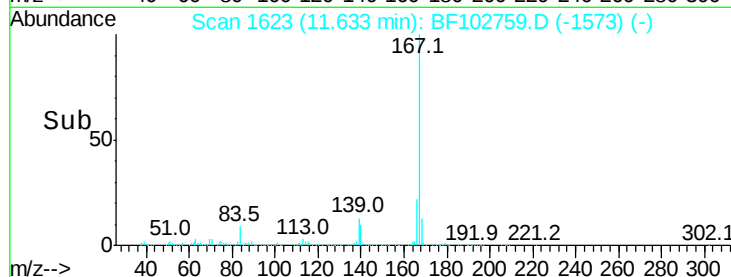


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



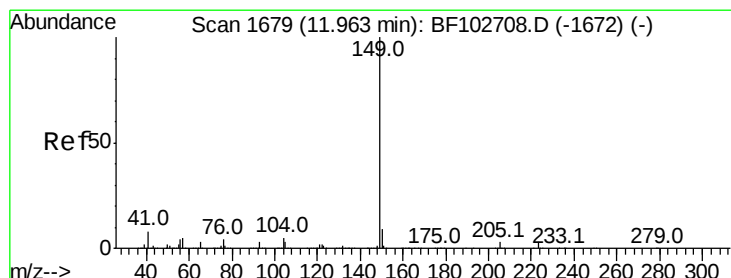
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#73

Di-n-butylphthalate

Concen: 2.732 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

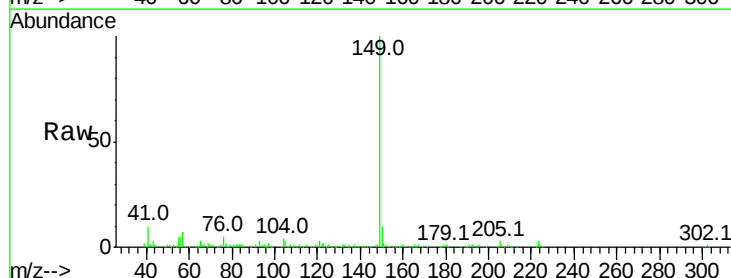
Tgt Ion:149 Resp: 108474

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

104 4.3 3.8 5.8

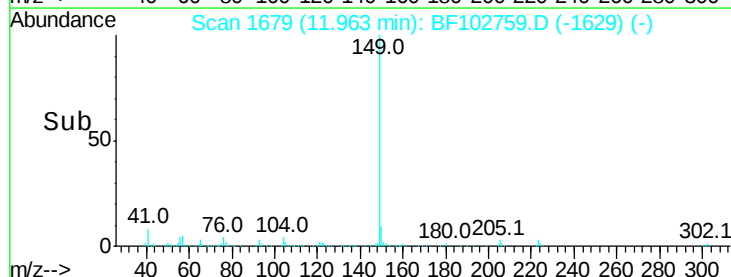


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



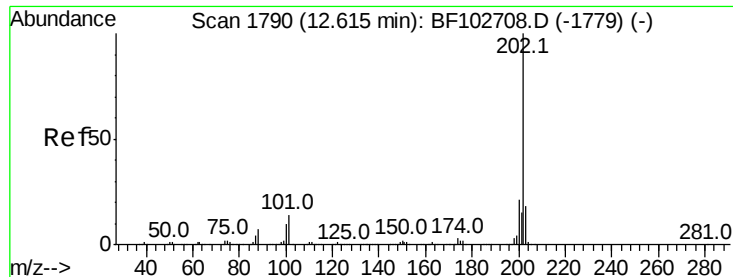
Abundance

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

Time-->



#74

Fluoranthene

Concen: 60.309 ng

RT: 12.63 min Scan# 1792

Delta R.T. 0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampled :

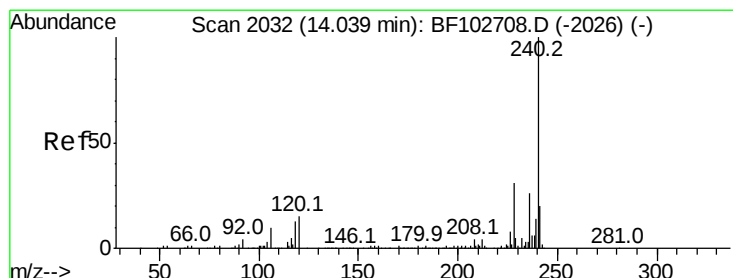
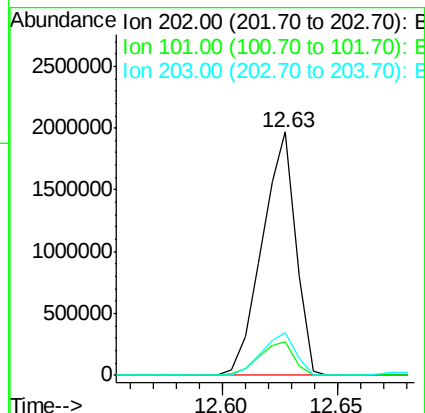
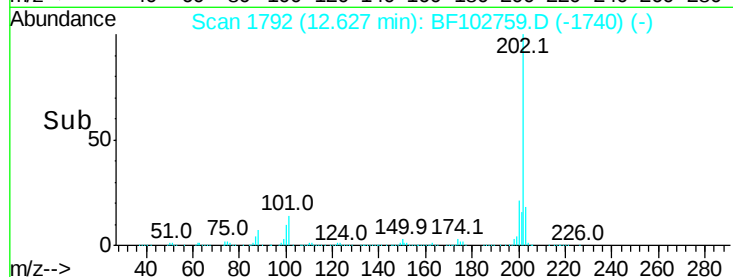
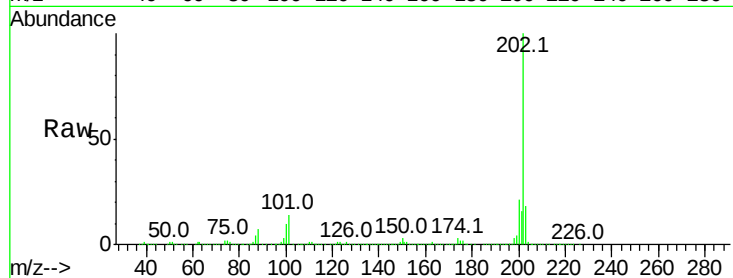
Tot Ion:202 Resp: 1990056

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

203 17.7 0.0 38.1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

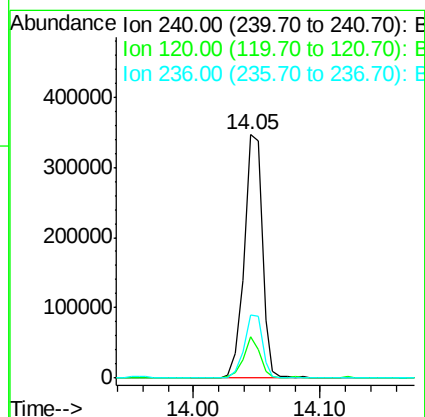
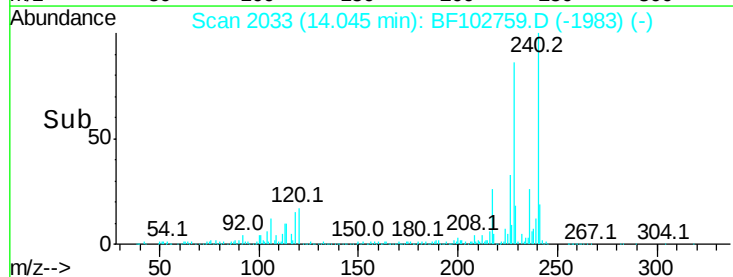
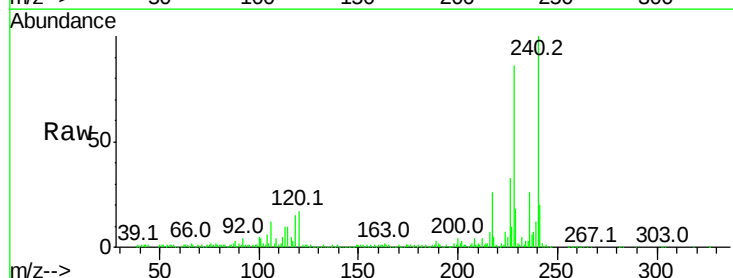
Tgt Ion:240 Resp: 339362

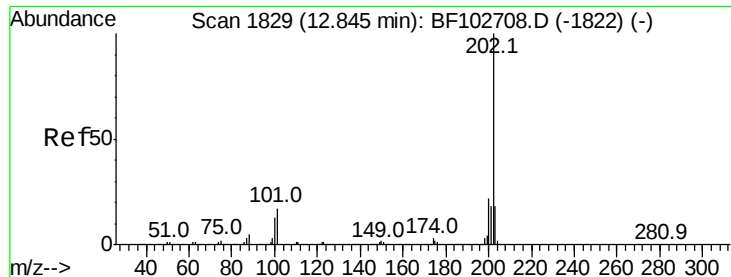
Ion Ratio Lower Upper

240 100

120 16.9 9.5 14.3#

236 26.0 20.7 31.1





#77

Pvrene

Concen: 60.428 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

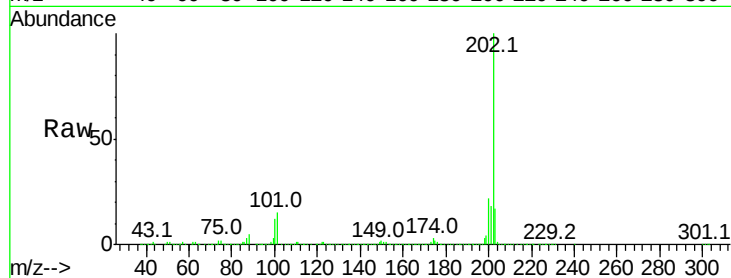
Tot Ion:202 Resp: 1608062

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

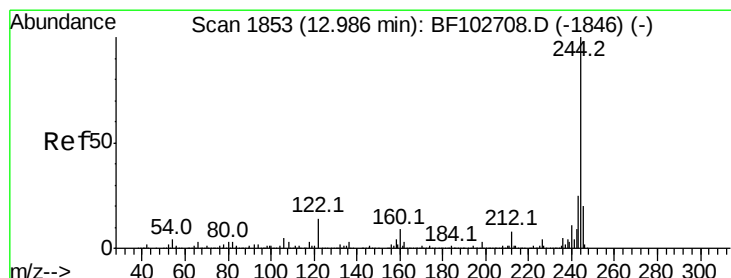
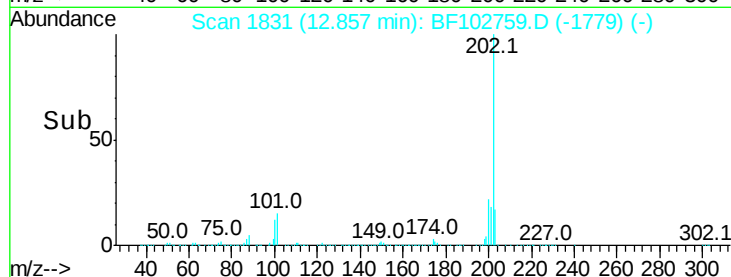
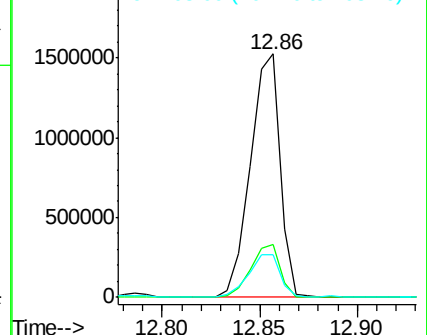
203 17.5 14.3 21.5



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: 5.383 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

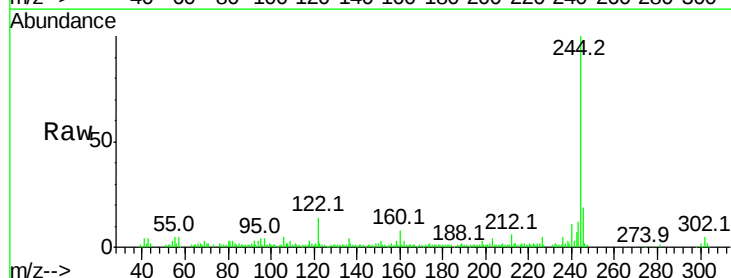
Tgt Ion:244 Resp: 77149

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

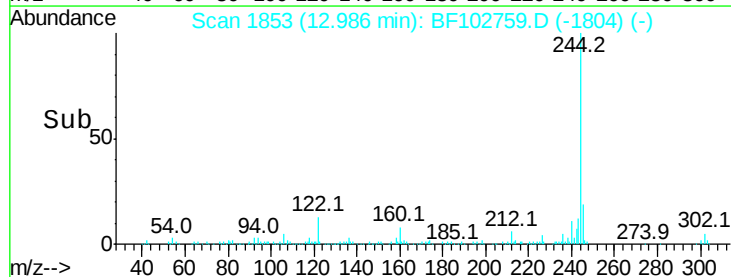
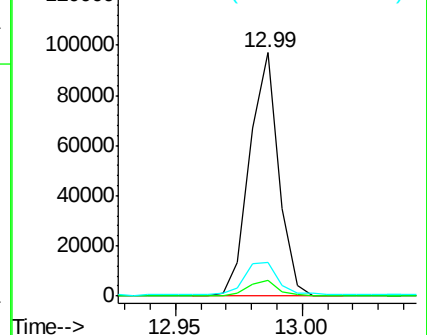
122 13.8 11.0 16.4

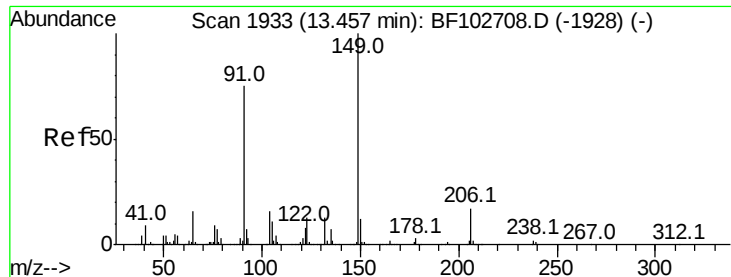


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

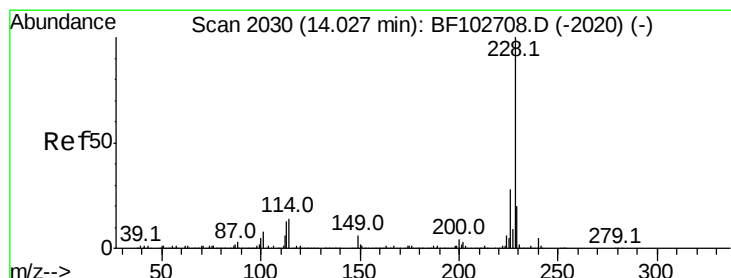
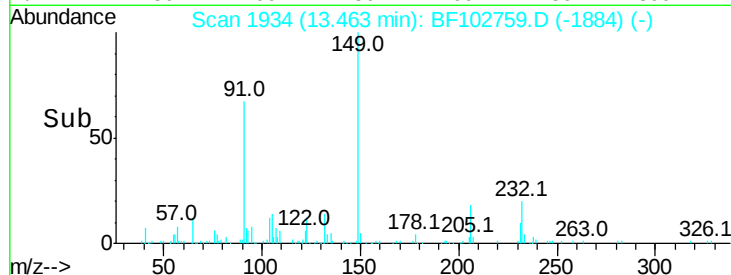
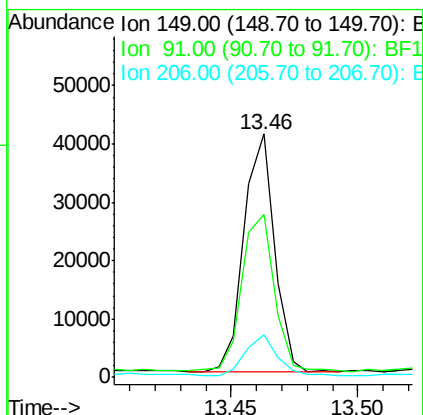
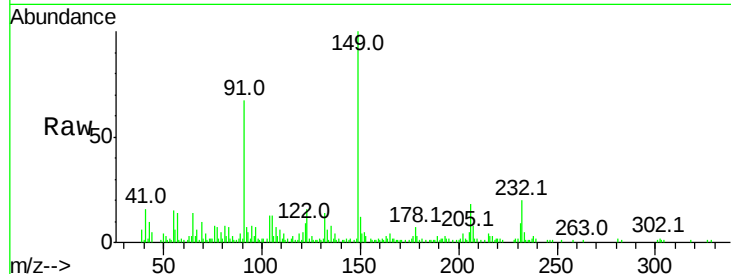




#79
 Butylbenzylphthalate
 Concen: 3.674 ng
 RT: 13.46 min Scan# 1934
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

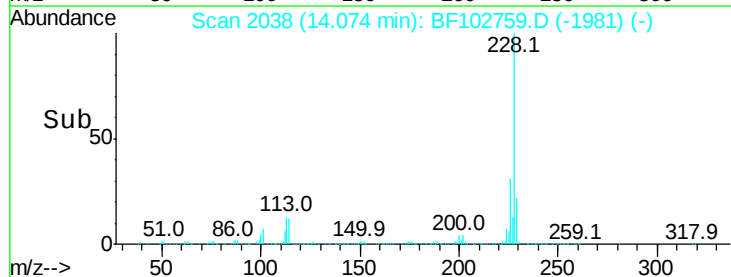
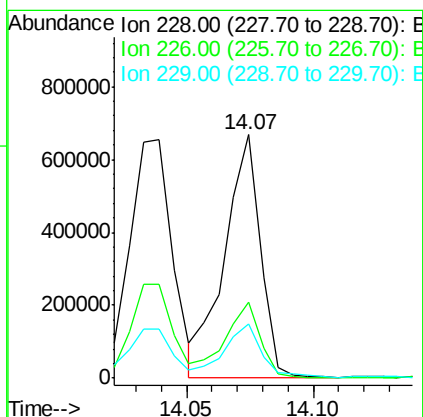
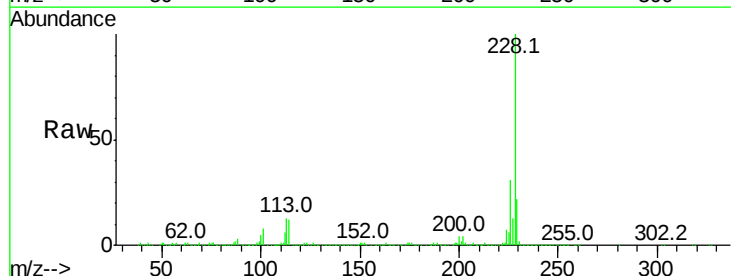
Instrument :
 BNA_F
 ClientSampleId :

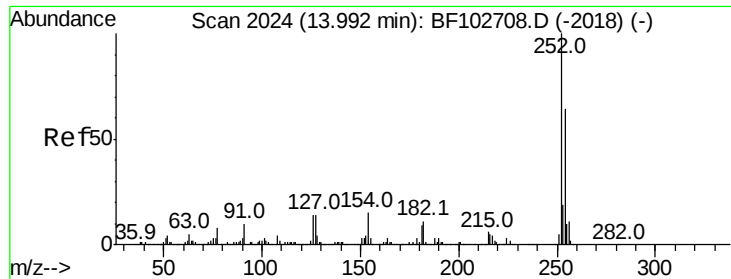
Tot Ion:149 Resp: 34464
 Ion Ratio Lower Upper
 149 100
 91 67.1 56.8 85.2
 206 17.5 14.1 21.1



#80
 Benzo(a)anthracene
 Concen: 30.817 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. 0.04 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Tgt Ion:228 Resp: 657723
 Ion Ratio Lower Upper
 228 100
 226 31.1 22.6 33.8
 229 22.2 15.8 23.6

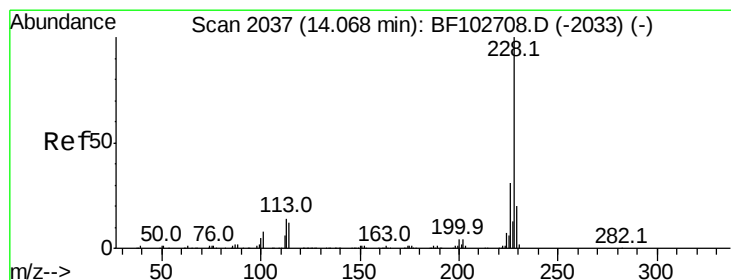
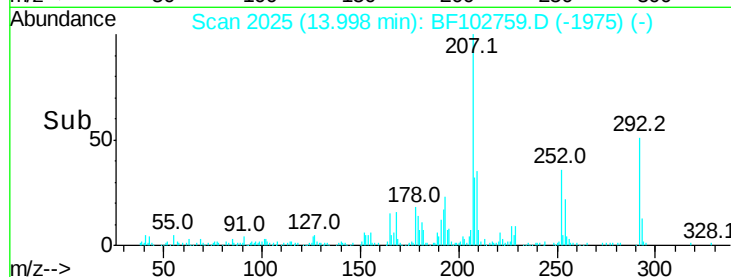
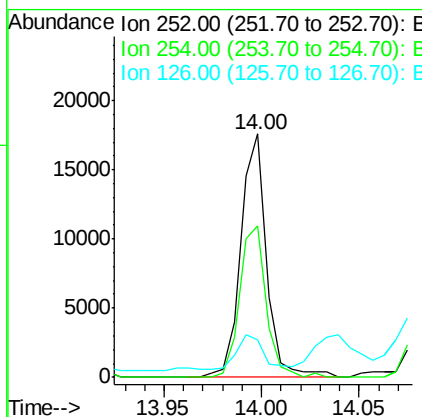
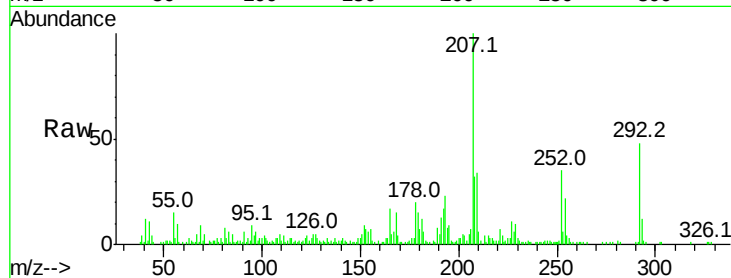




#81
 3,3'-Dichlorobenzidine
 Concen: 2.036 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

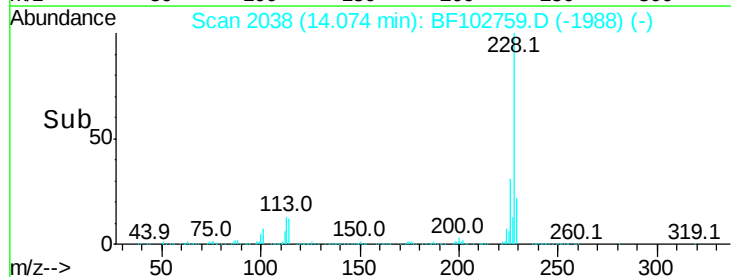
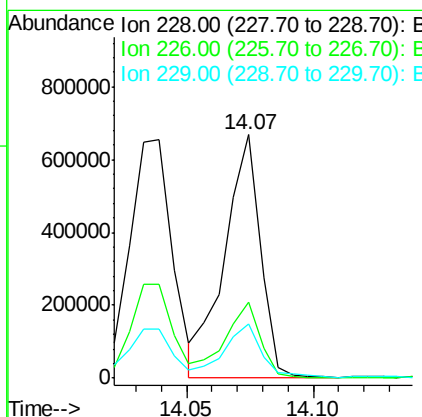
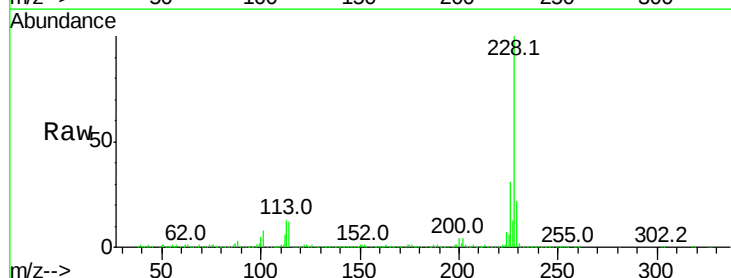
Instrument :
 BNA_F
 ClientSampleId :

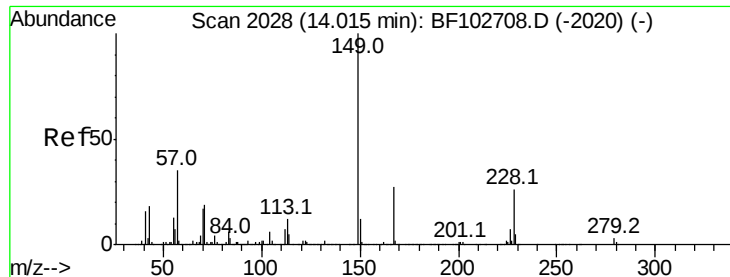
Tot Ion:252 Resp: 16111
 Ion Ratio Lower Upper
 252 100
 254 62.4 50.4 75.6
 126 15.7 11.3 16.9



#82
 Chrysene
 Concen: 30.571 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Tgt Ion:228 Resp: 657723
 Ion Ratio Lower Upper
 228 100
 226 31.1 25.0 37.6
 229 22.2 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.222 ng

RT: 14.02 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

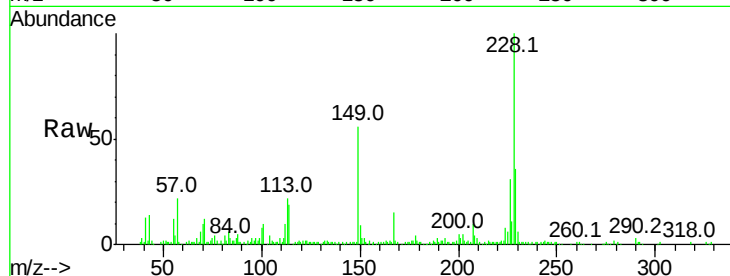
Instrument :

BNA_F

ClientSampleId :

Tot Ion:149 Resp: 52520

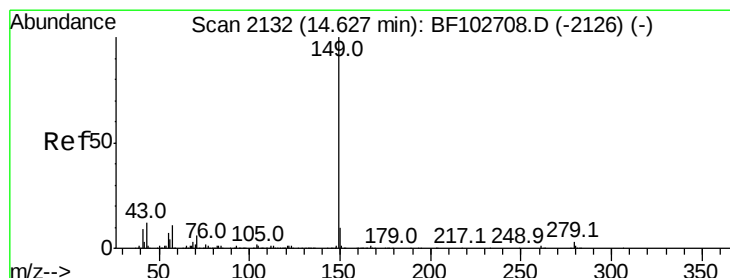
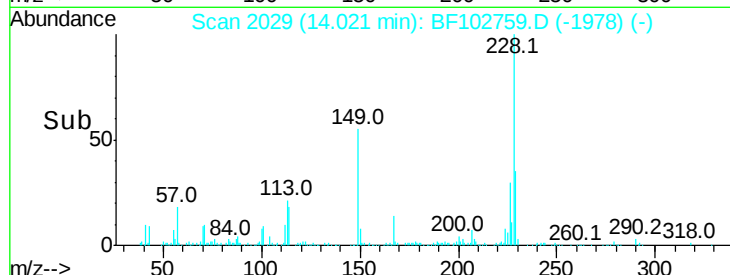
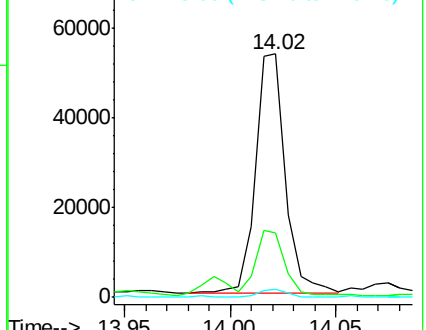
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.3	31.9
279	3.4	3.0	4.4



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: 3.840 ng

RT: 14.63 min Scan# 2133

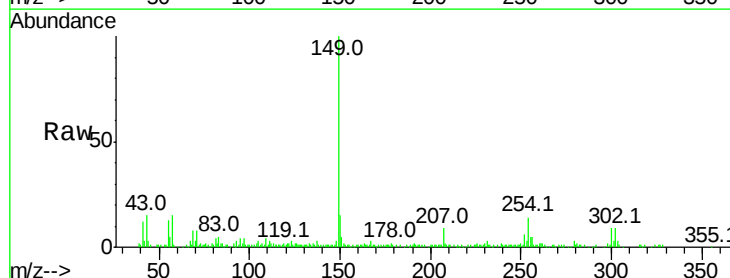
Delta R.T. -0.01 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Tgt Ion:149 Resp: 93997

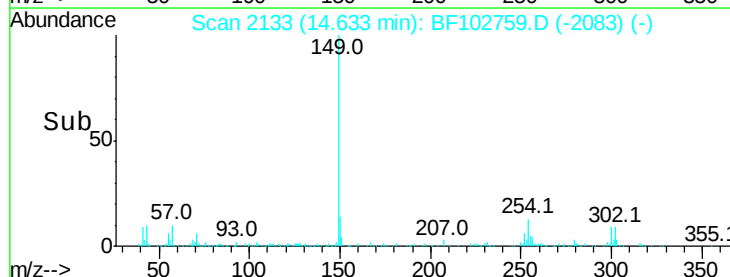
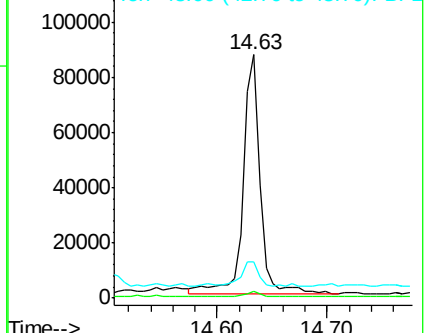
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8#
43	10.9	8.4	12.6

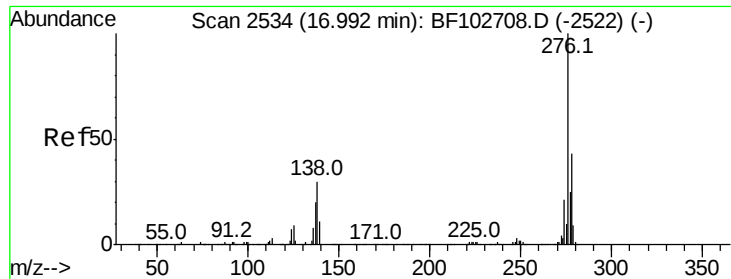


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

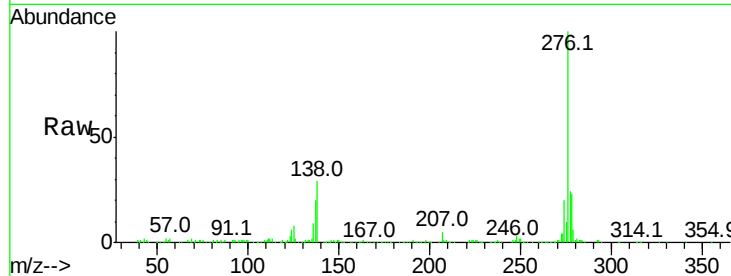




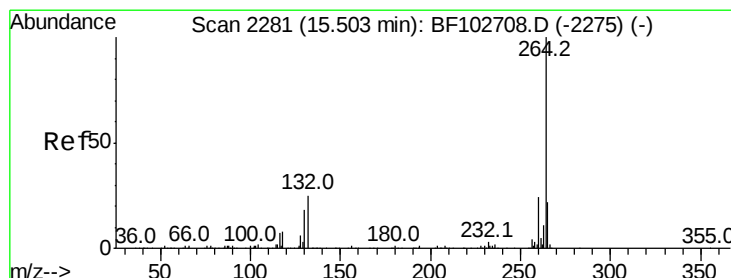
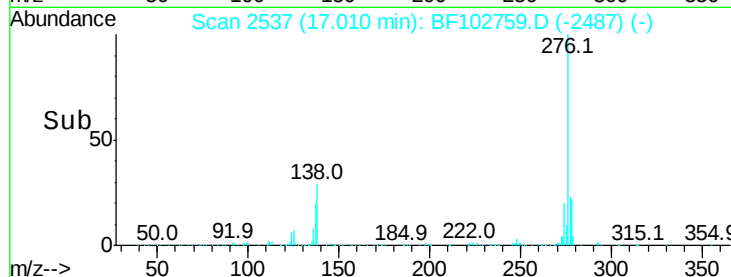
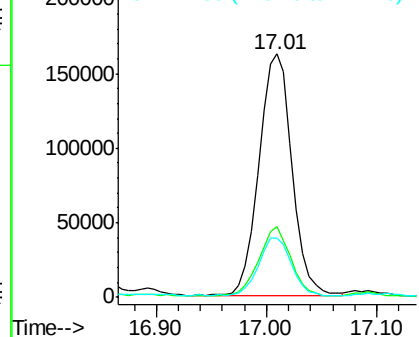
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.996 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.9	25.0	37.6
277	24.1	20.1	30.1

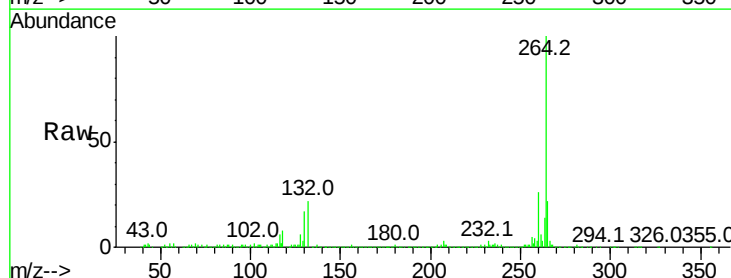


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

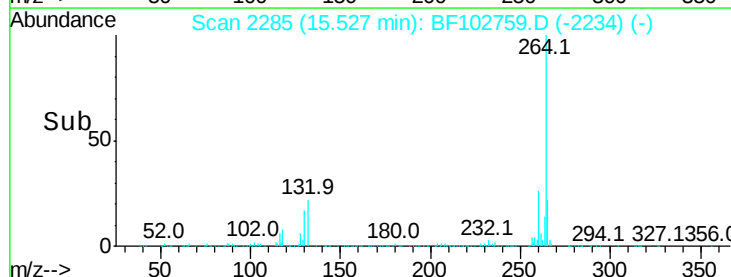
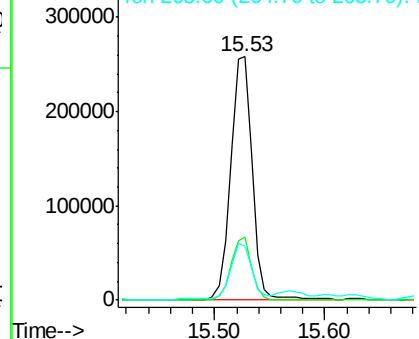


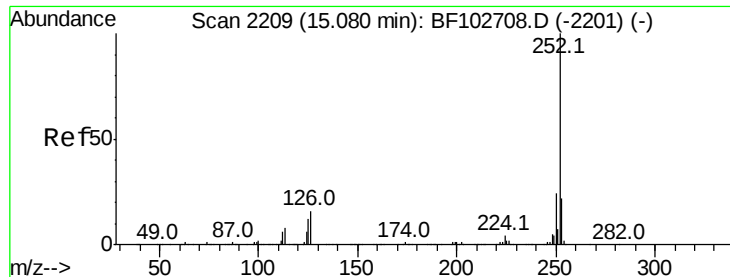
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.9	19.2	28.8
265	22.2	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: 52.436 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

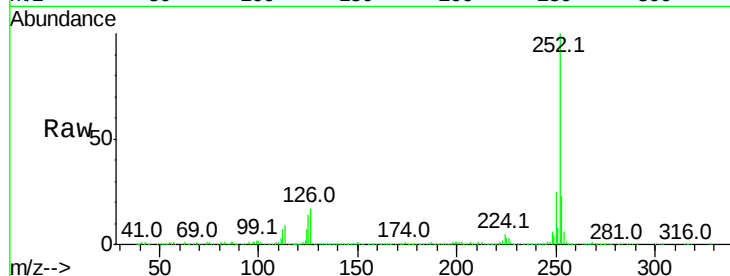
Tot Ion:252 Resp: 1191913

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

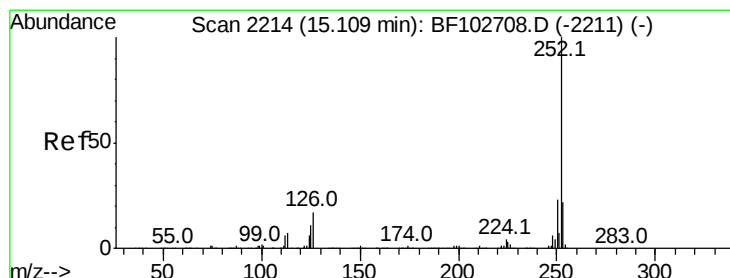
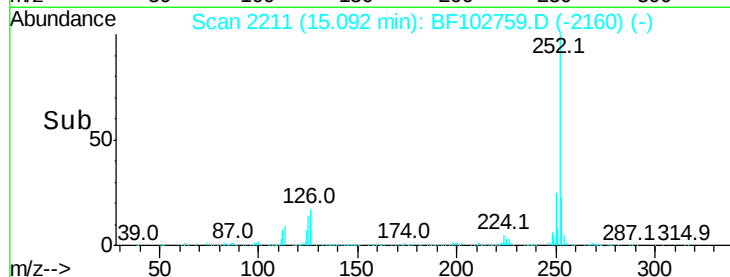
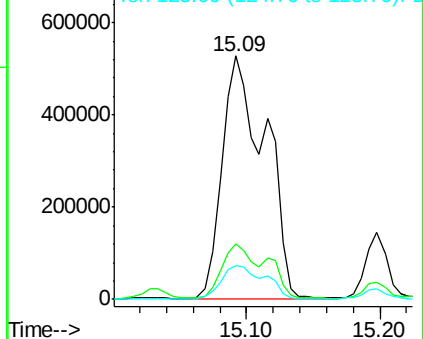
125 14.1 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 54.879 ng

RT: 15.09 min Scan# 2211

Delta R.T. -0.03 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

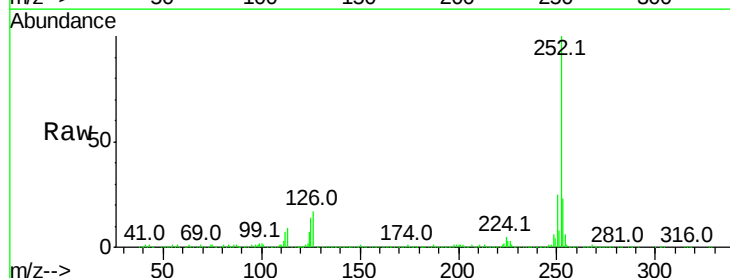
Tgt Ion:252 Resp: 1191913

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

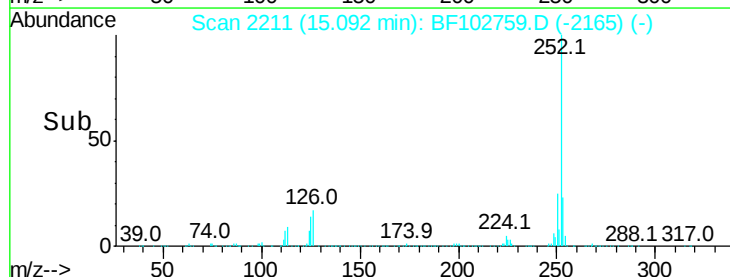
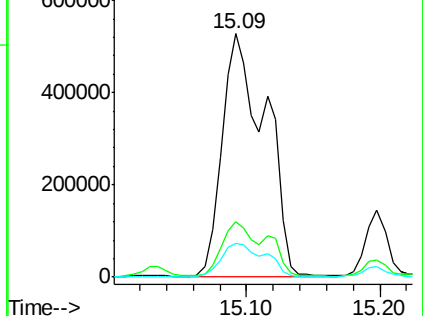
125 14.1 10.2 15.2

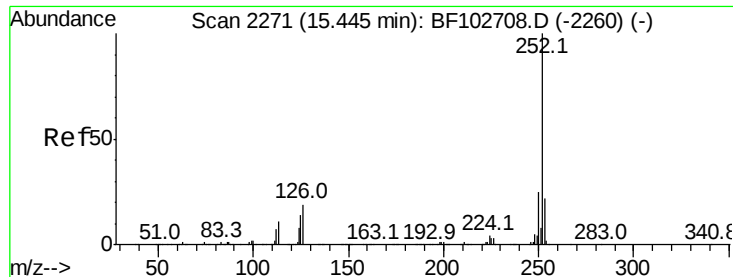


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 29.413 ng

RT: 15.46 min Scan# 2274

Delta R.T. 0.00 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

Instrument :

BNA_F

ClientSampleId :

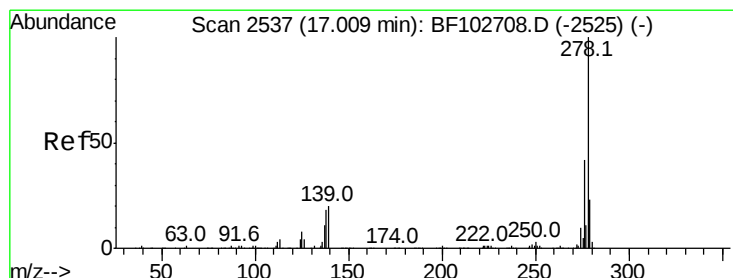
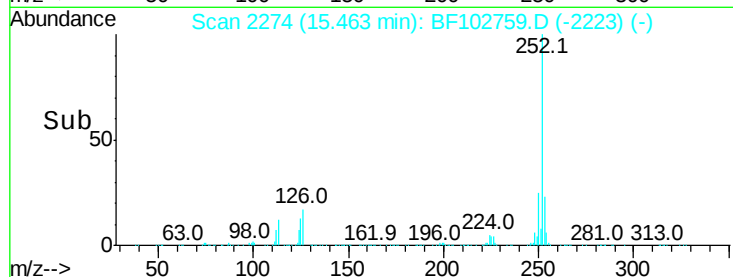
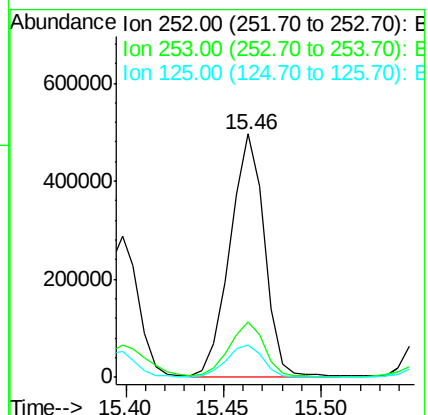
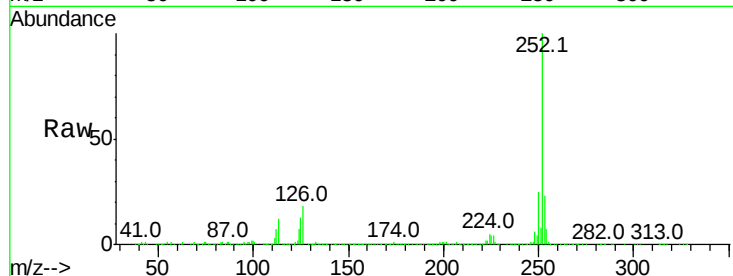
Tot Ion:252 Resp: 601801

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

125 13.5 9.8 14.6



#90

Dibenzo(a,h)anthracene

Concen: 3.745 ng

RT: 17.19 min Scan# 2568

Delta R.T. 0.15 min

Lab File: BF102759.D

Acq: 6 Feb 2018 1:44

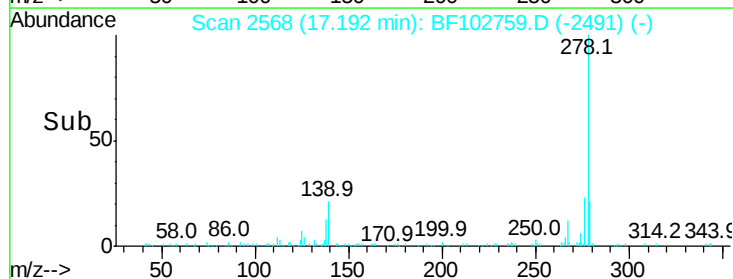
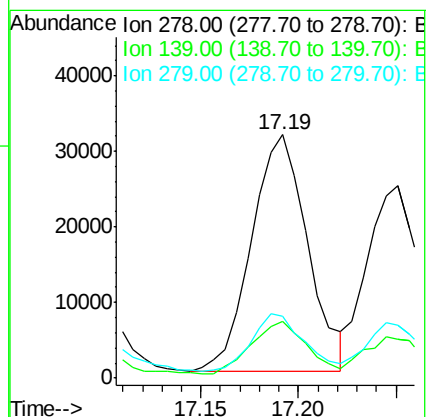
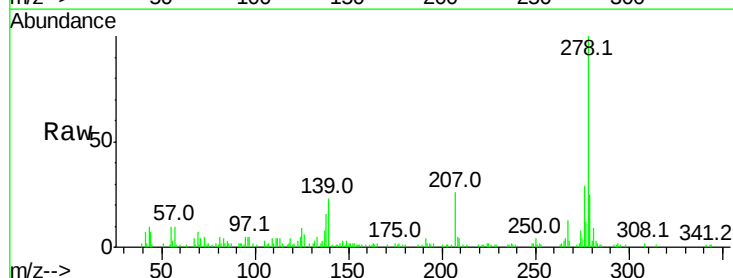
Tgt Ion:278 Resp: 62189

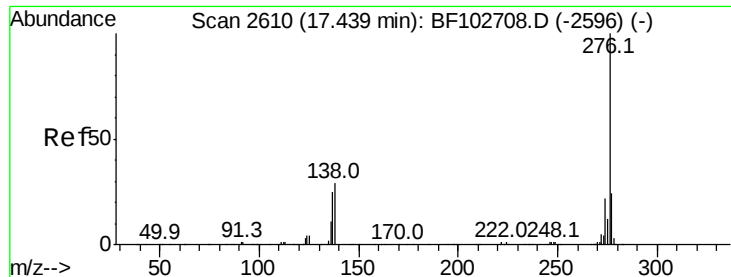
Ion Ratio Lower Upper

278 100

139 23.1 15.9 23.9

279 25.2 19.0 28.4

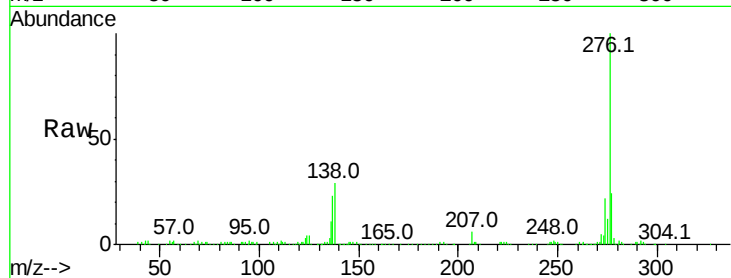




#91
 Benzo(a,h,i)perylene
 Concen: 17.151 ng
 RT: 17.46 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BF102759.D
 Acq: 6 Feb 2018 1:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	28.5	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

