

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031418\
 Data File : BF103658.D
 Acq On : 14 Mar 2018 23:06
 Operator : SJ/JU
 Sample : PB107370BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 01:02:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	117736	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	490702	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	202308	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	305893	20.00	ng	0.00
75) Chrysene-d12	14.06	240	189079	20.00	ng	0.00
86) Perylene-d12	15.57	264	183337	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.50	112	491321	63.11	ng	0.01
7) Phenol-d6	6.50	99	638926	67.07	ng	0.00
23) Nitrobenzene-d5	7.43	82	613593	71.41	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	94986	55.47	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	901466	74.52	ng	0.00
78) Terphenyl-d14	12.97	244	596391	75.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	115326	28.050	ng	93
3) Pyridine	3.52	79	213881	19.485	ng	97
4) n-Nitrosodimethylamine	3.48	42	38726	8.748	ng	# 88
6) Aniline	6.53	93	302928	22.035	ng	# 60
8) 2-Chlorophenol	6.65	128	279239	34.530	ng	93
9) Benzaldehyde	6.44	77	108421	15.680	ng	96
10) Phenol	6.52	94	399611	36.137	ng	90
11) bis(2-Chloroethyl)ether	6.59	93	329489	39.258	ng	98
12) 1,3-Dichlorobenzene	6.80	146	293137	31.720	ng	97
13) 1,4-Dichlorobenzene	6.87	146	324959	35.073	ng	99
14) 1,2-Dichlorobenzene	7.02	146	294946	34.523	ng	98
15) Benzyl Alcohol	7.02	79	215060	29.961	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	470572	32.651	ng	57
17) 2-Methylphenol	7.12	107	229951	31.290	ng	# 71
18) Hexachloroethane	7.36	117	95473	28.305	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	224117	37.804	ng	94
20) 3+4-Methylphenols	7.29	107	283053	31.596	ng	# 68
22) Acetophenone	7.27	105	423684	36.991	ng	# 94
24) Nitrobenzene	7.45	77	306126	32.359	ng	98
25) Isophorone	7.67	82	608237	35.942	ng	95
26) 2-Nitrophenol	7.77	139	101819	22.862	ng	95
27) 2,4-Dimethylphenol	7.80	122	250776	36.839	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	370565	37.244	ng	96
29) 2,4-Dichlorophenol	8.02	162	224834	34.497	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	219753	31.663	ng	100
31) Naphthalene	8.16	128	850491	35.402	ng	100
32) Benzoic acid	7.94	122	87874	21.807	ng	94
33) 4-Chloroaniline	8.23	127	237456	22.905	ng	97
34) Hexachlorobutadiene	8.26	225	112385	31.096	ng	97
35) Caprolactam	8.59	113	66771	29.150	ng	# 79
36) 4-Chloro-3-methylphenol	8.71	107	252065	34.289	ng	95
37) 2-Methylnaphthalene	8.85	142	520275	33.510	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	193050	34.905	ng	99
40) Hexachlorocyclopentadiene	8.99	237	5930	11.586	ng	98

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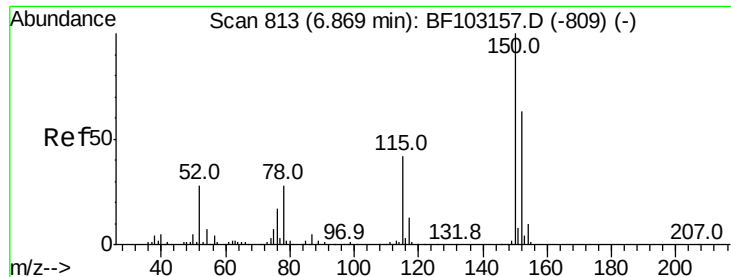
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 15 01:02:42 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 18:08:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	9.15	196	121204	32.569	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	118739	27.741	nq	96
45) 1,1'-Biphenyl	9.32	154	599600	35.370	nq	98
46) 2-Chloronaphthalene	9.35	162	465151	34.683	nq	100
47) 2-Nitroaniline	9.46	65	181331	36.500	nq	89
48) Acenaphthylene	9.76	152	679533	32.931	nq	98
49) Dimethylphthalate	9.62	163	540689	33.315	nq	99
50) 2,6-Dinitrotoluene	9.69	165	109529	32.159	nq #	78
51) Acenaphthene	9.93	154	391309	32.521	nq	98
52) 3-Nitroaniline	9.88	138	110972	25.682	nq	95
53) 2,4-Dinitrophenol	10.05	184	19597	23.635	nq #	1
54) Dibenzofuran	10.10	168	574762	34.797	nq	91
55) 4-Nitrophenol	10.10	139	377540	140.975	nq #	19
56) 2,4-Dinitrotoluene	10.12	165	132121	30.673	nq #	79
57) Fluorene	10.45	166	451428	32.082	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	91954	31.980	nq #	88
59) Diethylphthalate	10.31	149	533175	34.349	nq	100
60) 4-Chlorophenyl-phenylether	10.43	204	208960	35.020	nq	96
61) 4-Nitroaniline	10.50	138	117838	27.303	nq	99
62) Azobenzene	10.60	77	556023	35.192	nq	96
64) 4,6-Dinitro-2-methylphenol	10.54	198	16616	12.953	nq #	76
65) n-Nitrosodiphenylamine	10.56	169	397482	37.320	nq	100
66) 4-Bromophenyl-phenylether	10.93	248	111197	34.896	nq	97
67) Hexachlorobenzene	11.00	284	108239	31.295	nq	98
68) Atrazine	11.09	200	113330	35.401	nq	100
69) Pentachlorophenol	11.21	266	58356	34.896	nq	98
70) Phenanthrene	11.42	178	550258	32.687	nq	99
71) Anthracene	11.47	178	614937	35.623	nq	100
72) Carbazole	11.64	167	581152	33.807	nq	99
73) Di-n-butylphthalate	11.94	149	779975	36.260	nq	98
74) Fluoranthene	12.62	202	516786	30.549	nq	98
76) Benzidine	12.75	184	413602	58.511	nq	97
77) Pyrene	12.85	202	503044	34.124	nq	99
79) Butylbenzylphthalate	13.44	149	279645	35.904	nq	97
80) Benzo(a)anthracene	14.04	228	388516	31.669	nq	99
81) 3,3'-Dichlorobenzidine	14.00	252	158666	36.240	nq	99
82) Chrysene	14.08	228	422330	35.454	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	372394	35.431	nq #	98
84) Di-n-octyl phthalate	14.62	149	629501	37.069	nq	97
85) Indeno(1,2,3-cd)pyrene	17.12	276	354538	37.595	nq	97
87) Benzo(b)fluoranthene	15.12	252	348966	28.950	nq	99
88) Benzo(k)fluoranthene	15.15	252	429106	37.803	nq	99
89) Benzo(a)pyrene	15.50	252	372588	34.613	nq	98
90) Dibenzo(a,h)anthracene	17.12	278	309484	37.207	nq	99
91) Benzo(g,h,i)perylene	17.59	276	287569	35.374	nq	96

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

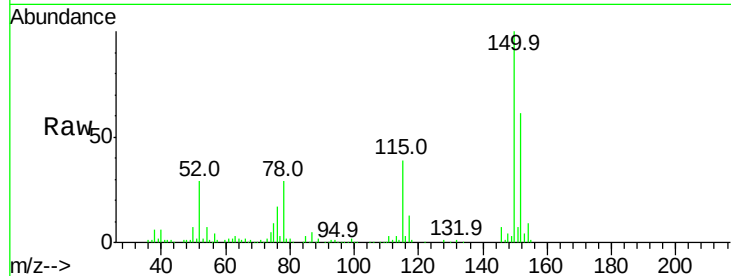


#1

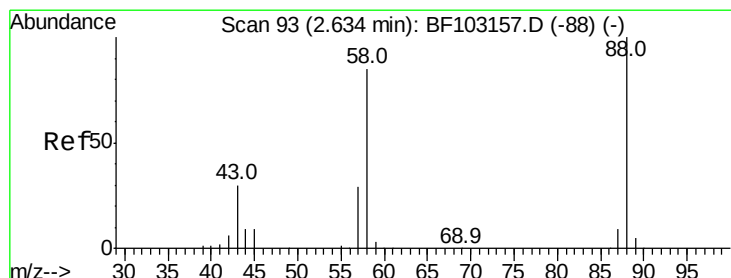
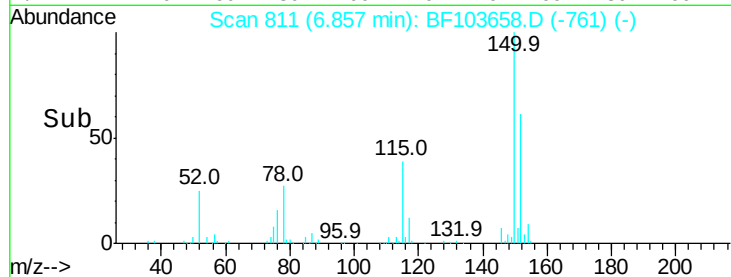
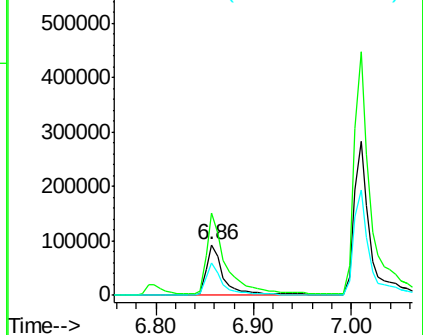
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 117736
Ion Ratio Lower Upper
152 100
150 164.2 124.6 186.8
115 64.4 50.1 75.1



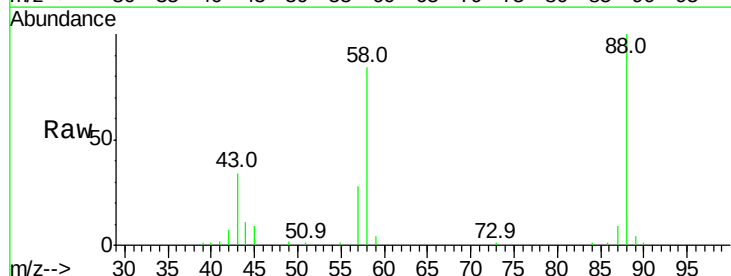
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



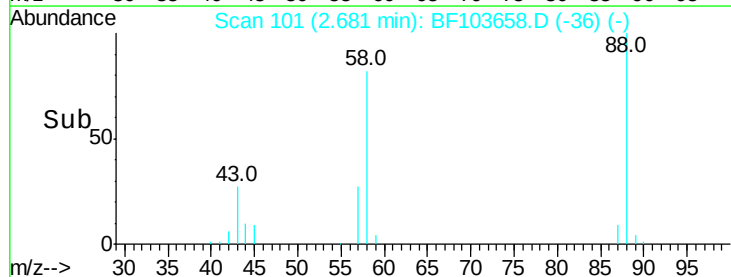
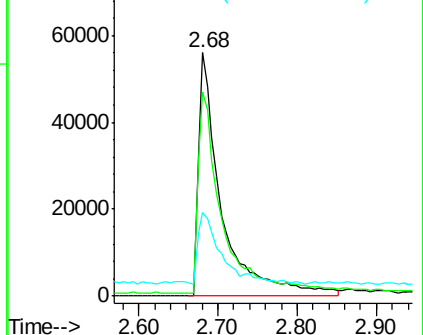
#2

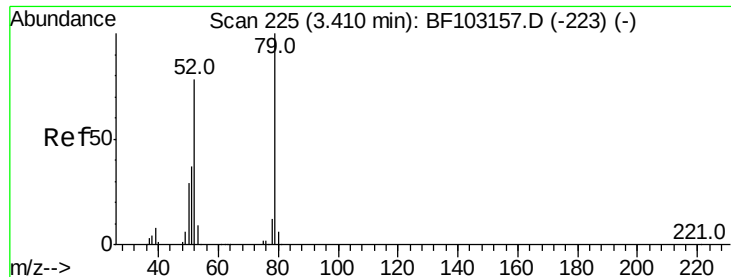
1,4-Dioxane
Concen: 28.050 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.08 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion: 88 Resp: 115326
Ion Ratio Lower Upper
88 100
58 86.6 62.6 93.8
43 29.9 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: 19.485 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.08 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

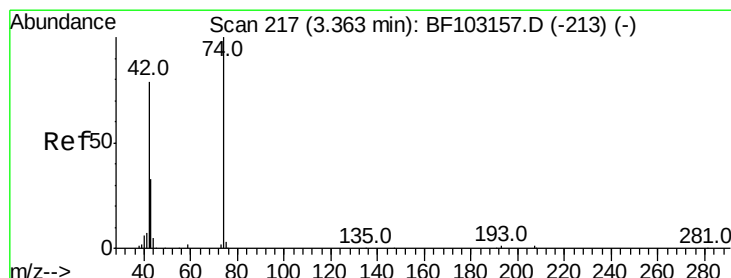
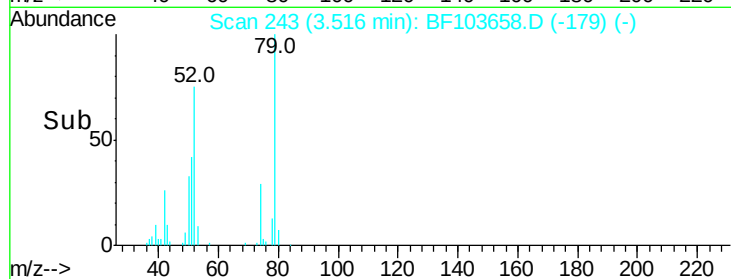
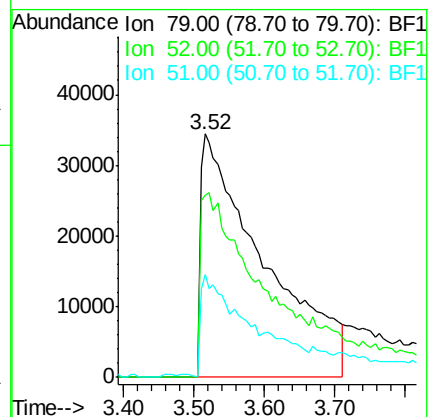
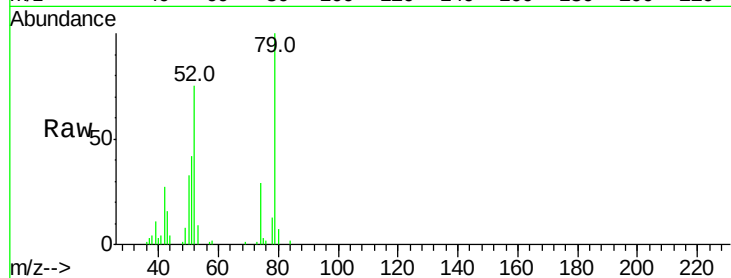
Tot Ion: 79 Resp: 213881

Ion Ratio Lower Upper

79 100

52 74.6 59.8 89.6

51 42.0 29.8 44.8



#4

n-Nitrosodimethylamine

Concen: 8.748 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

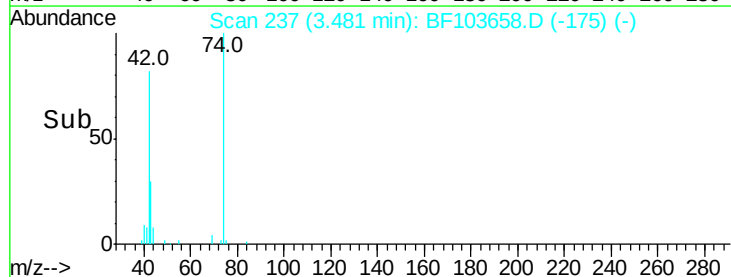
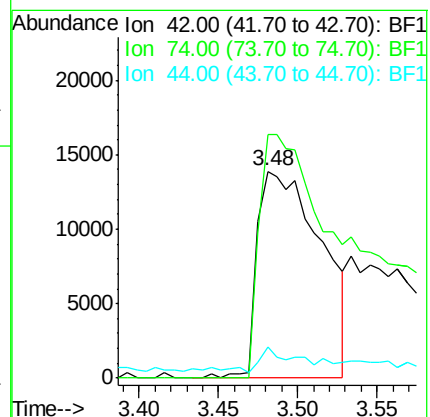
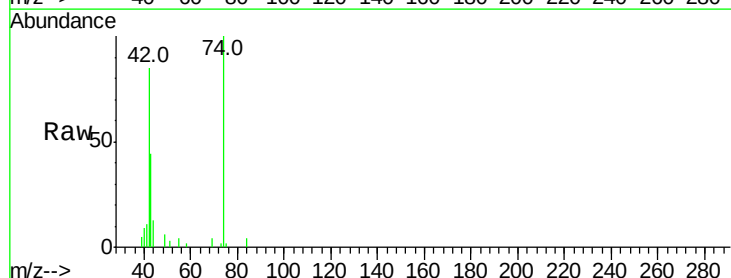
Tgt Ion: 42 Resp: 38726

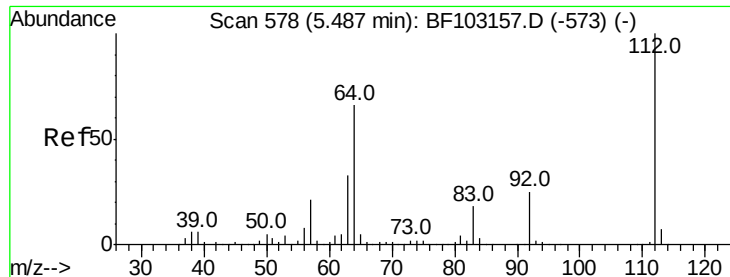
Ion Ratio Lower Upper

42 100

74 117.7 104.9 157.3

44 15.1 6.9 10.3#





#5

2-Fluorophenol

Concen: 63.115 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103658.D

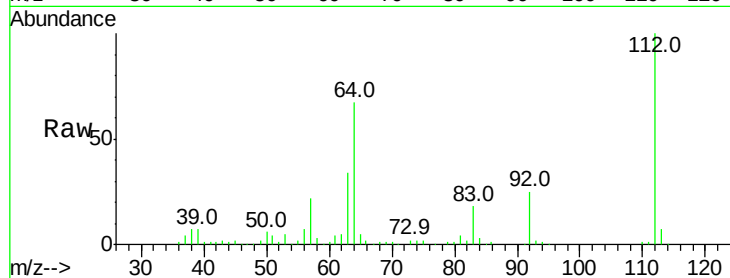
Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampled :

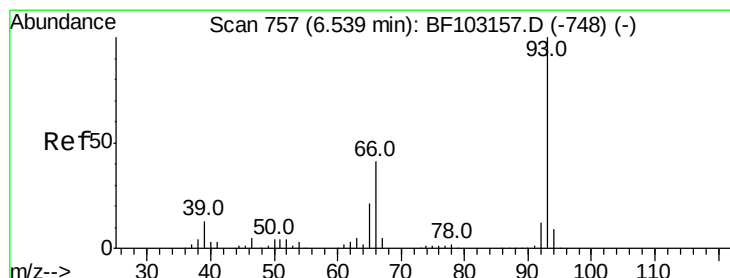
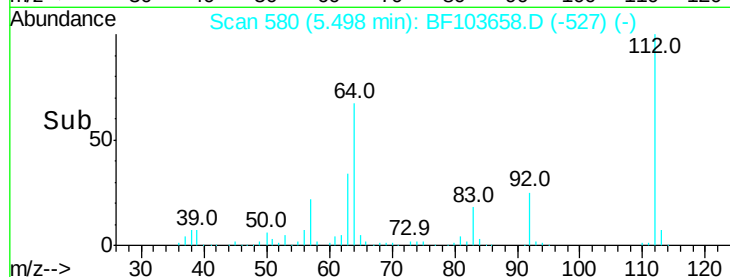
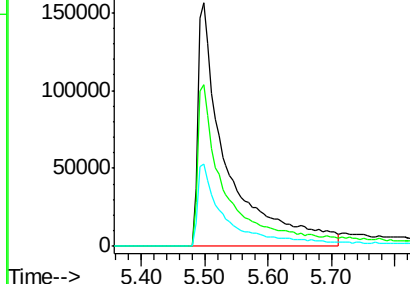
Tot Ion:	112	Resp:	491321
Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	33.8	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 22.035 ng

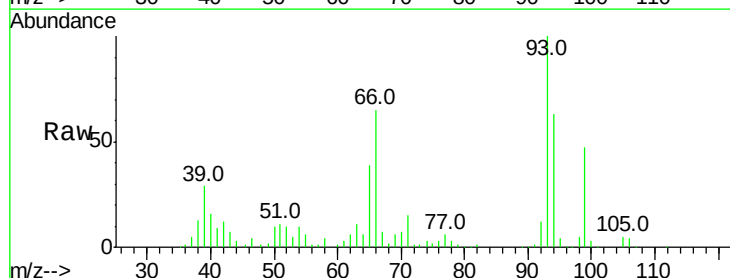
RT: 6.53 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

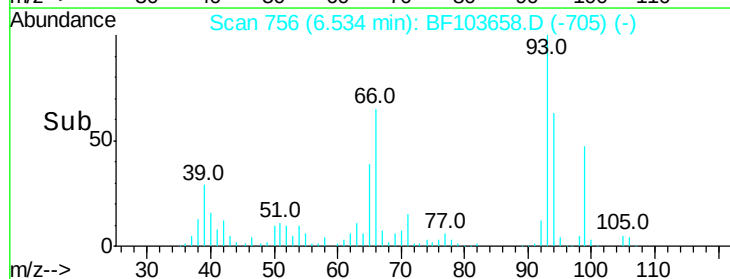
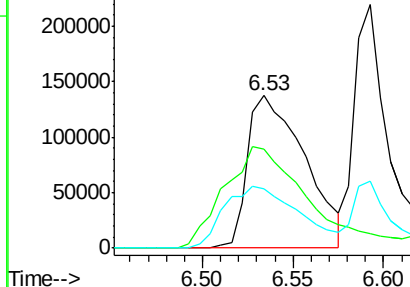
Tgt Ion:	93	Resp:	302928
Ion	Ratio	Lower	Upper
93	100		
66	65.2	32.2	48.2#
65	38.8	16.4	24.6#

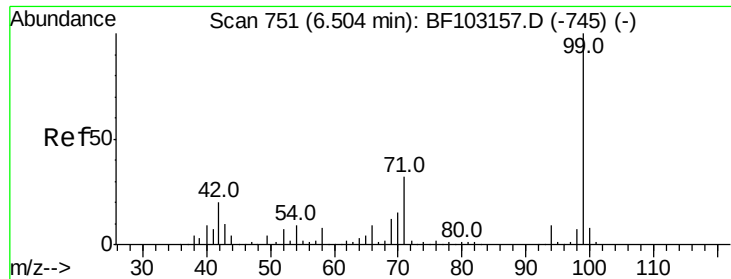


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 67.075 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampled :

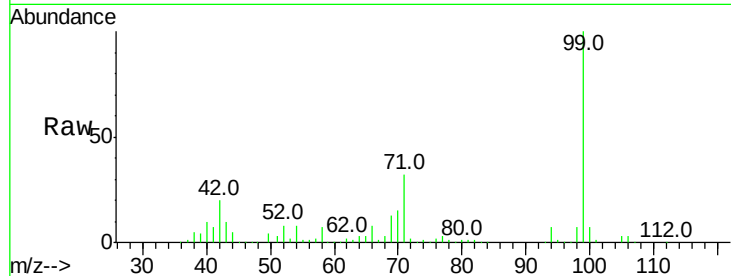
Tot Ion: 99 Resp: 638926

Ion Ratio Lower Upper

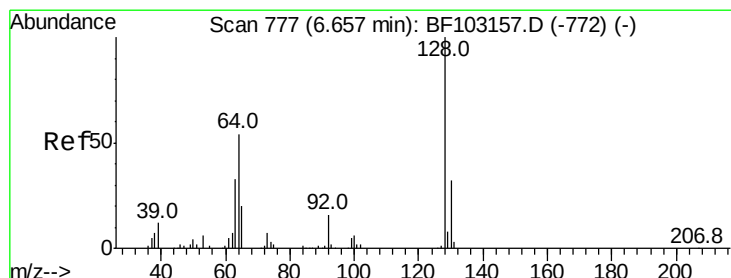
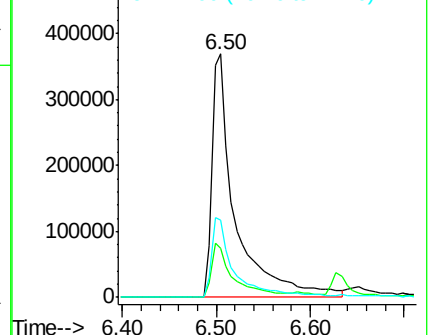
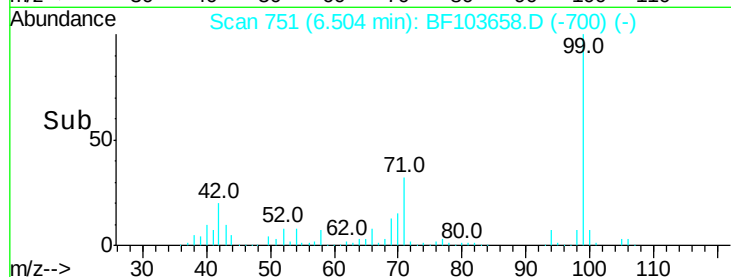
99 100

42 20.3 14.5 21.7

71 32.0 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: 34.530 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

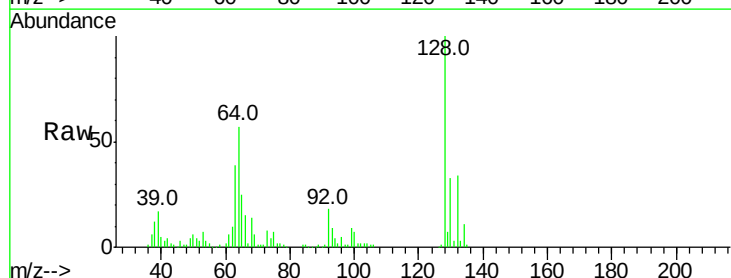
Tgt Ion: 128 Resp: 279239

Ion Ratio Lower Upper

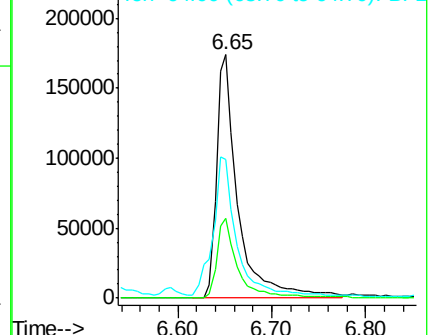
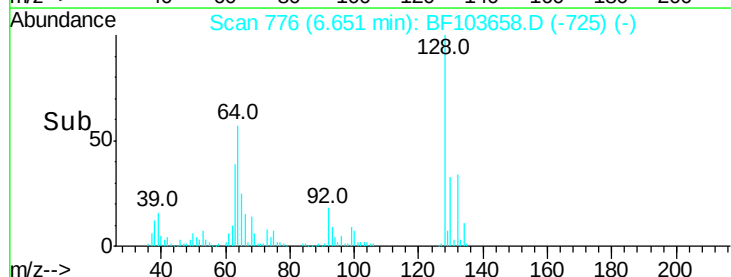
128 100

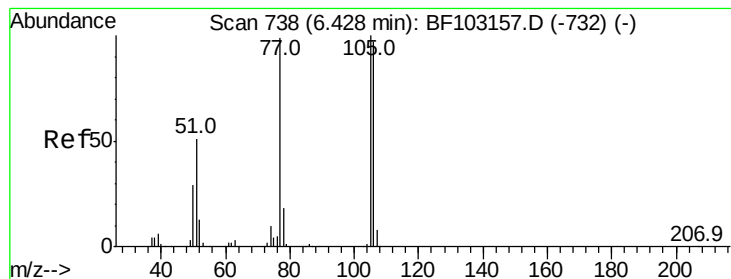
130 32.6 13.0 53.0

64 57.2 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





#9

Benzaldehyde

Concen: 15.680 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

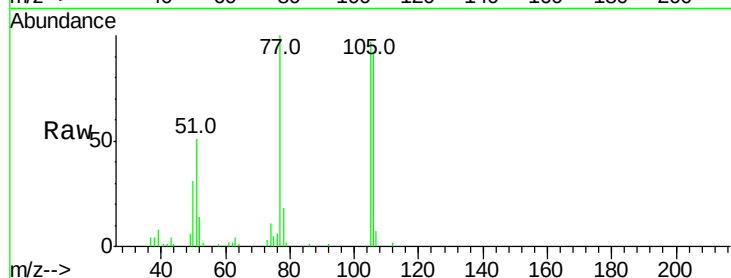
Tot Ion: 77 Resp: 108421

Ion Ratio Lower Upper

77 100

105 97.1 81.1 121.1

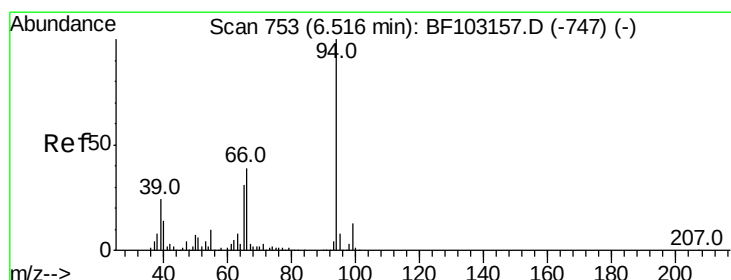
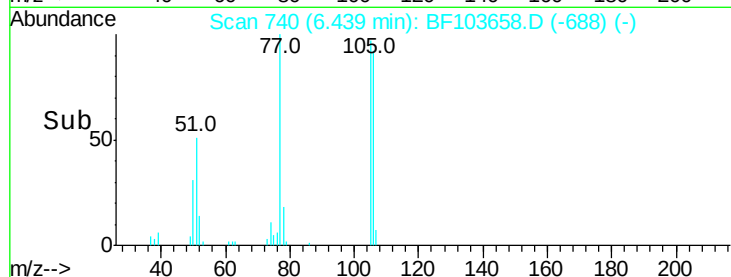
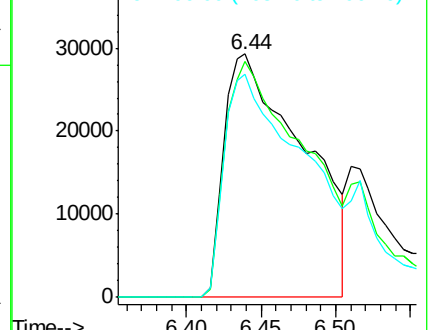
106 91.5 74.5 114.5



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: 36.137 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

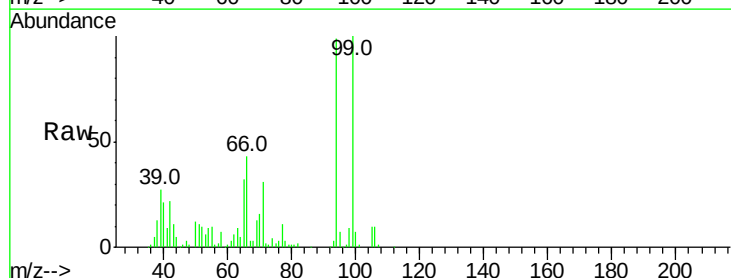
Tgt Ion: 94 Resp: 399611

Ion Ratio Lower Upper

94 100

65 32.5 7.9 47.9

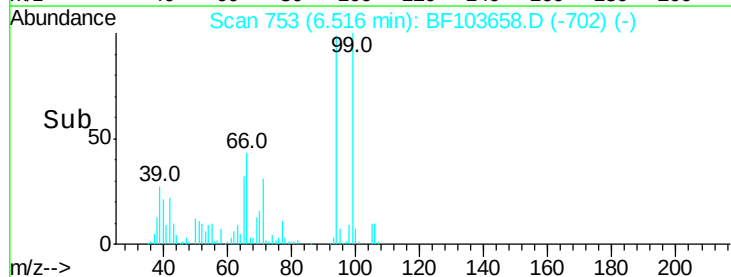
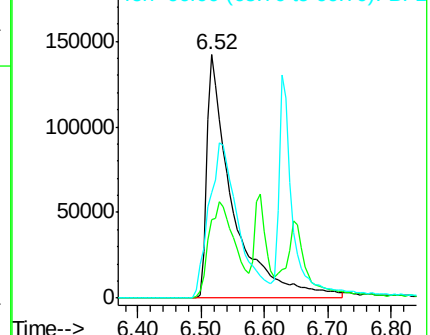
66 43.1 16.2 56.2

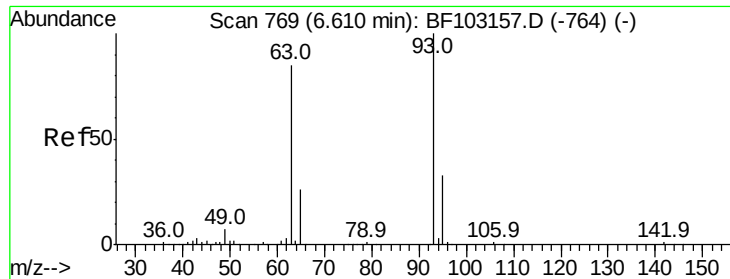


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

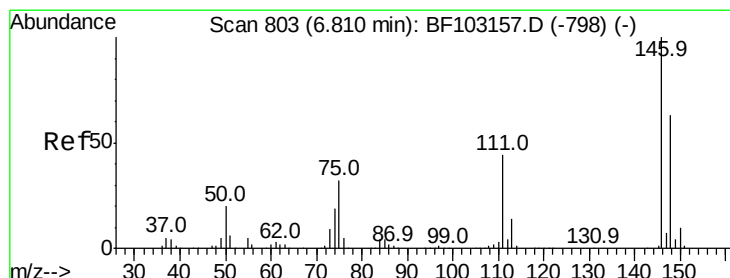
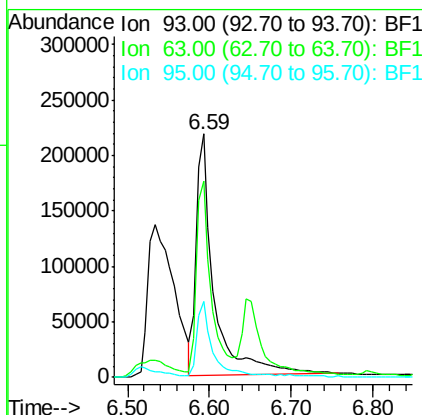
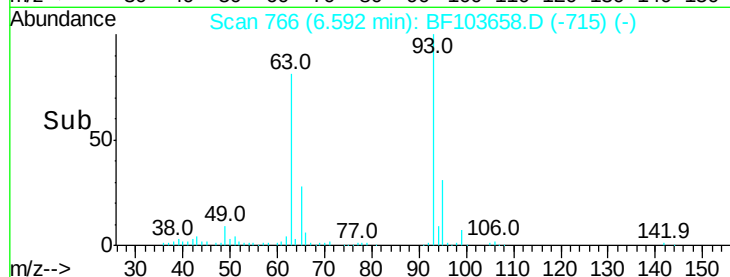
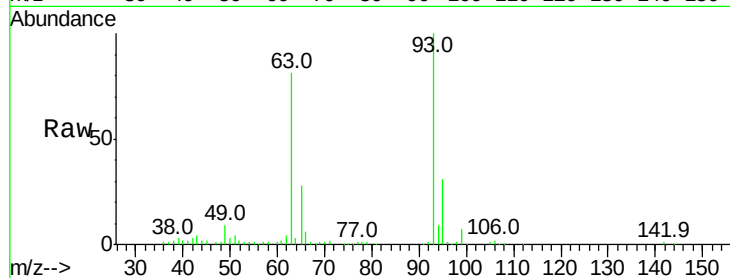




#11
bis(2-Chloroethyl)ether
Concen: 39.258 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

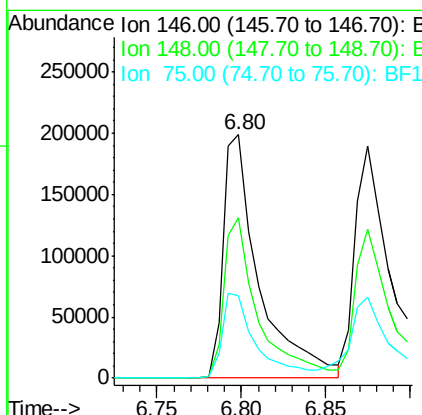
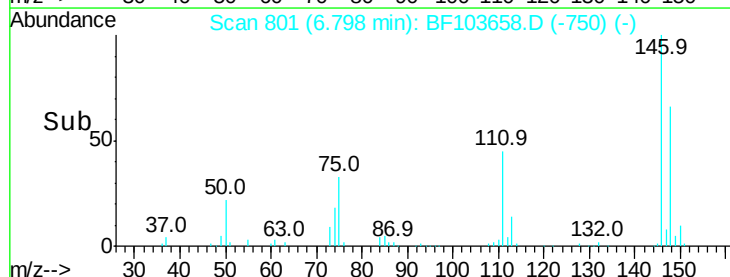
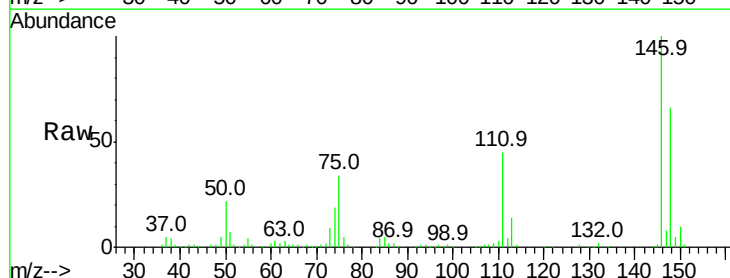
Instrument :
BNA_F
ClientSampleId :

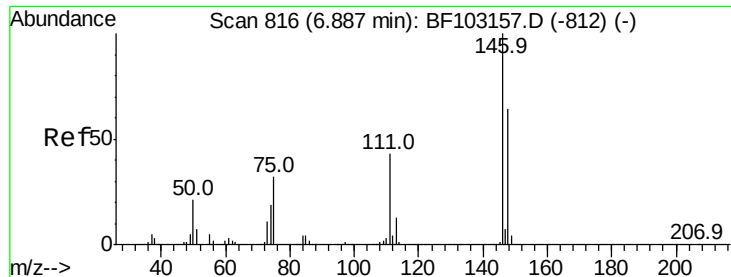
Tot Ion:	93	Resp:	329489
Ion	Ratio	Lower	Upper
93	100		
63	80.7	58.6	98.6
95	31.5	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 31.720 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion:	146	Resp:	293137
Ion	Ratio	Lower	Upper
146	100		
148	66.0	51.8	77.8
75	33.9	24.2	36.4

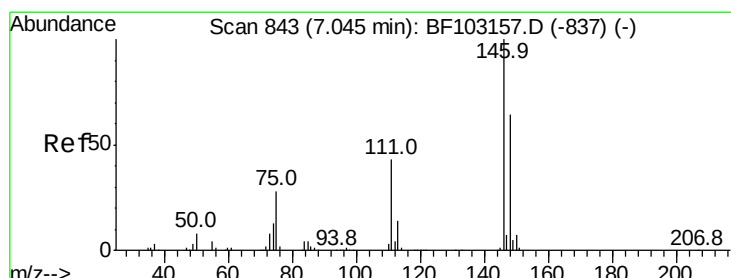
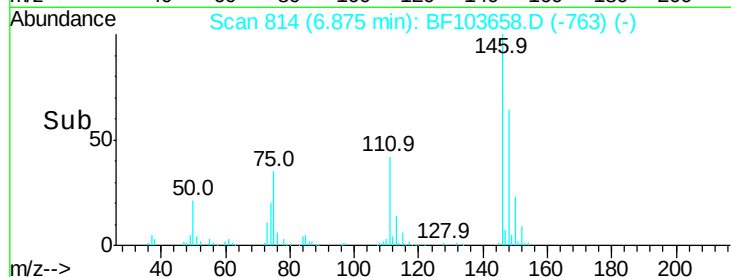
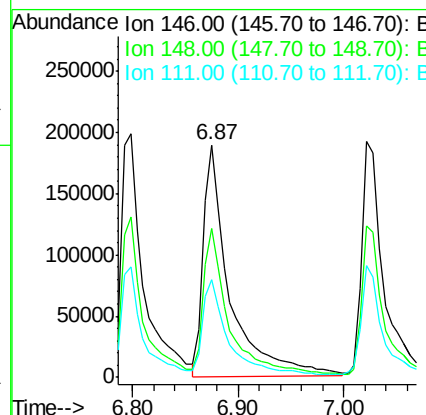
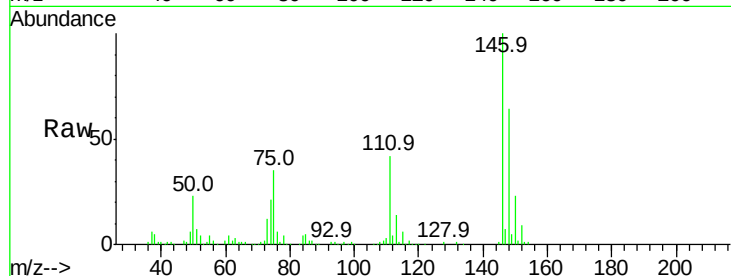




#13
1,4-Dichlorobenzene
Concen: 35.073 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

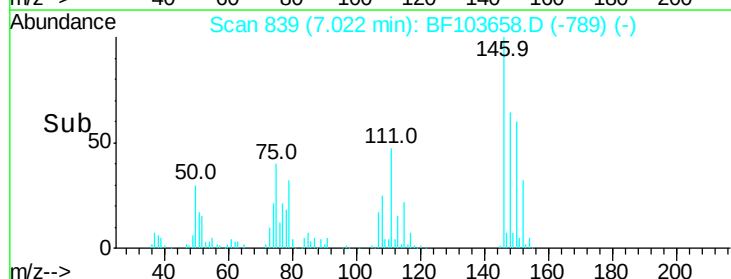
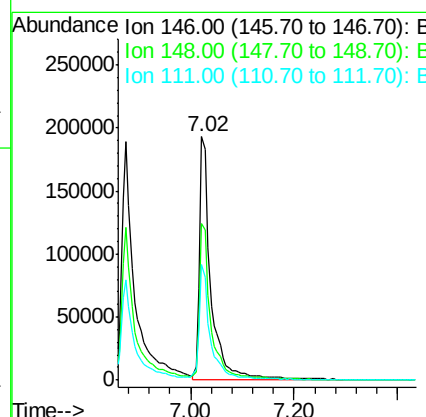
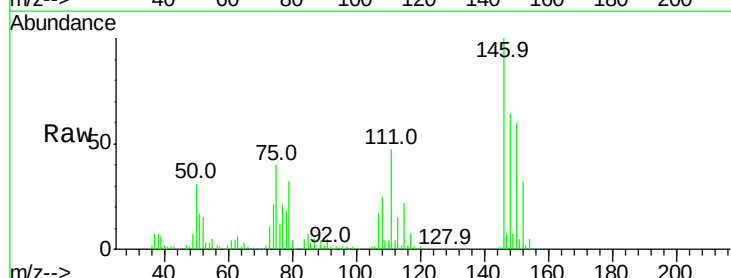
Instrument :
BNA_F
ClientSampleId :

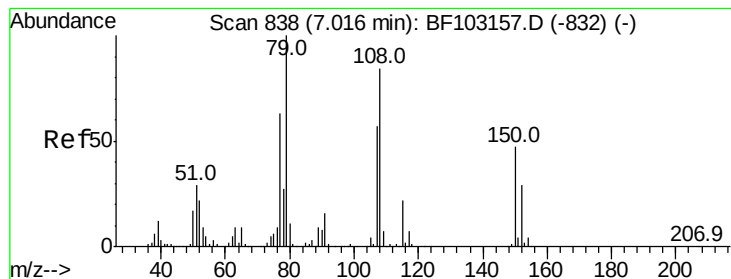
Tot Ion:146 Resp: 324959
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 42.1 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 34.523 ng
RT: 7.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion:146 Resp: 294946
Ion Ratio Lower Upper
146 100
148 64.3 50.6 75.8
111 47.3 36.0 54.0





#15

Benzyl Alcohol

Concen: 29.961 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

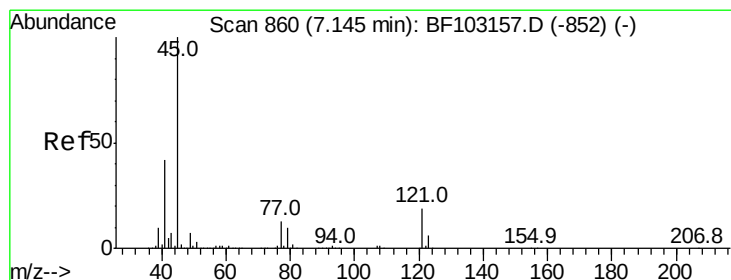
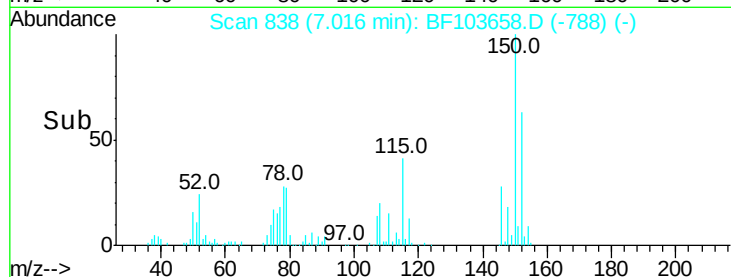
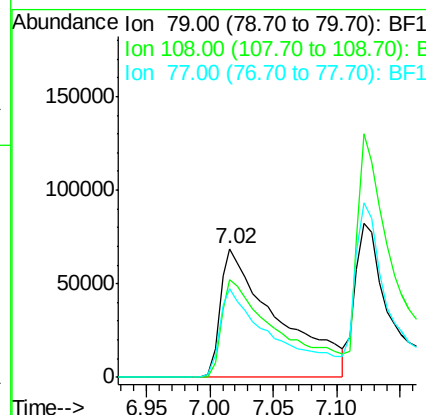
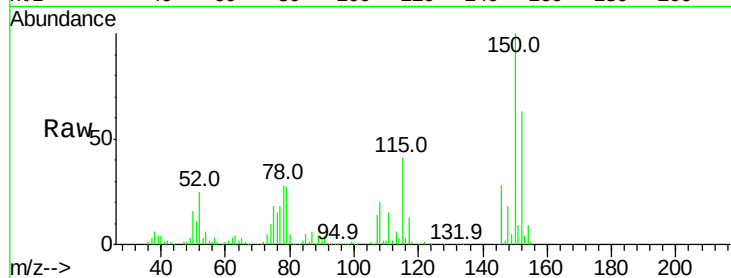
Tot Ion: 79 Resp: 215060

Ion Ratio Lower Upper

79 100

108 75.5 65.1 97.7

77 68.3 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.651 ng

RT: 7.12 min Scan# 856

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

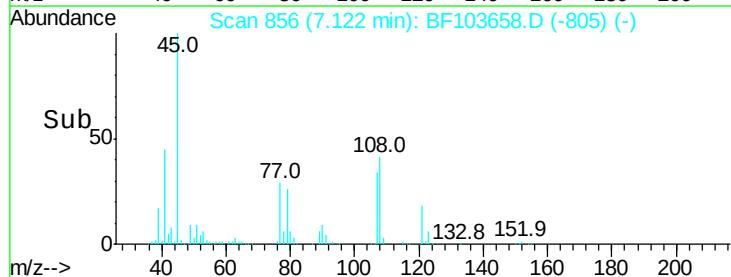
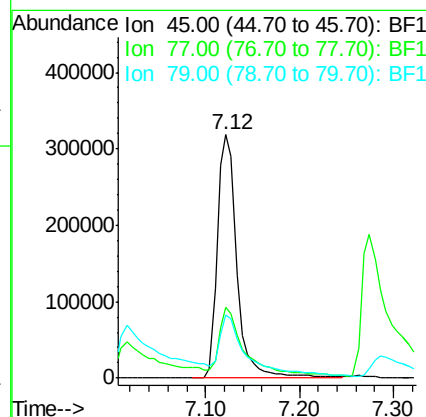
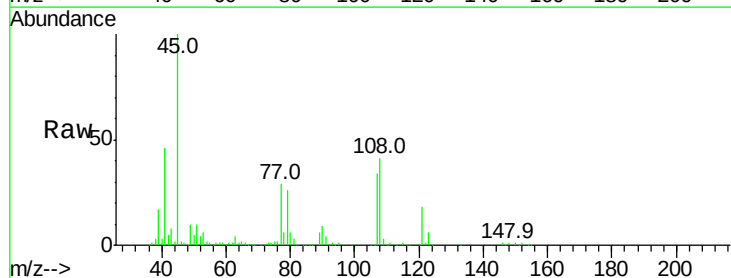
Tgt Ion: 45 Resp: 470572

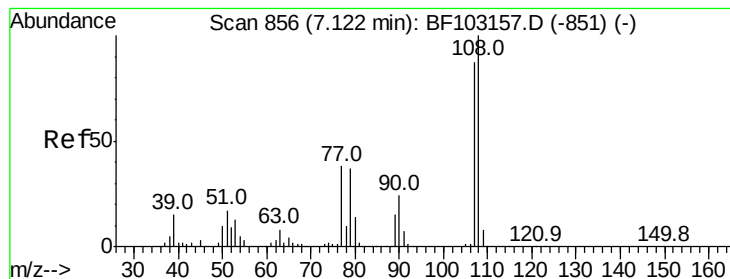
Ion Ratio Lower Upper

45 100

77 29.3 0.0 32.9

79 25.9 0.0 29.6

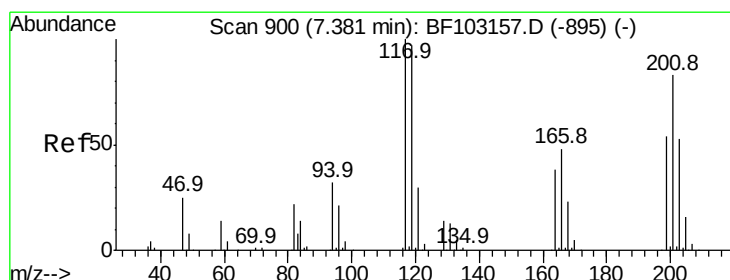
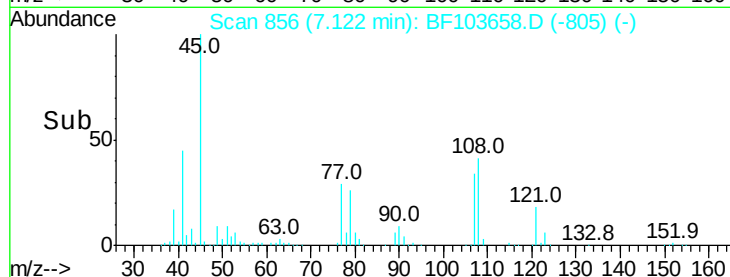
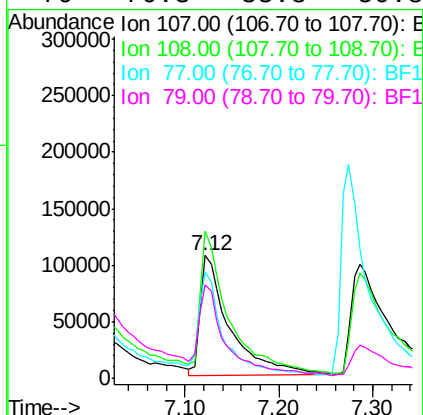
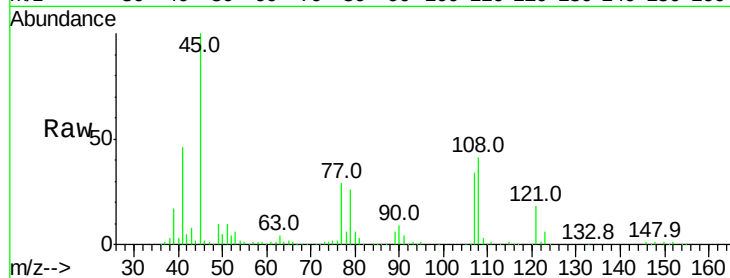




#17
2-Methylphenol
Concen: 31.290 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

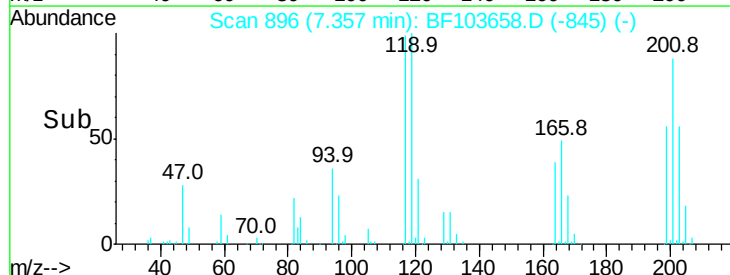
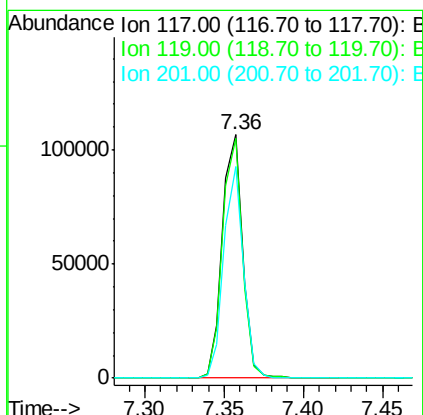
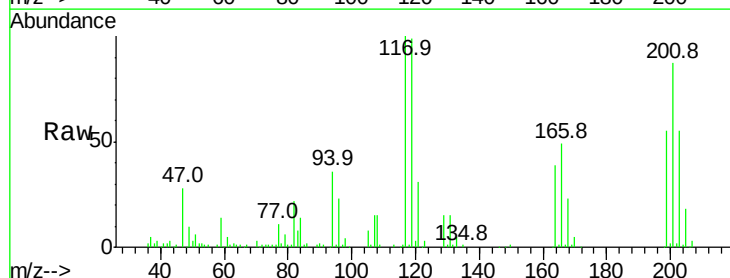
Instrument :
BNA_F
ClientSampled :

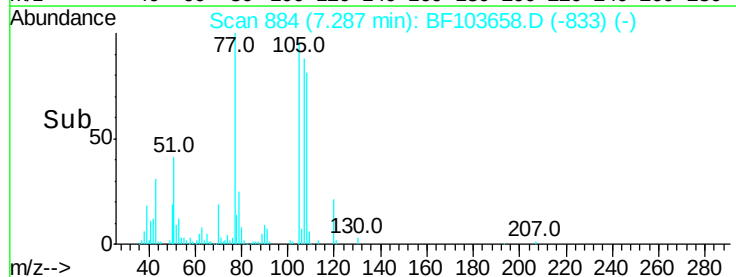
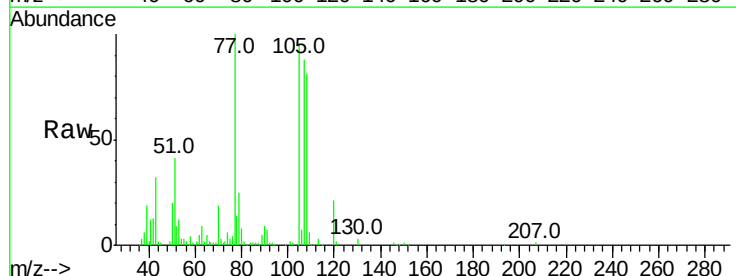
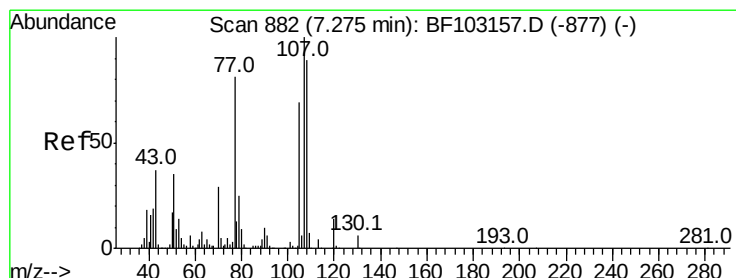
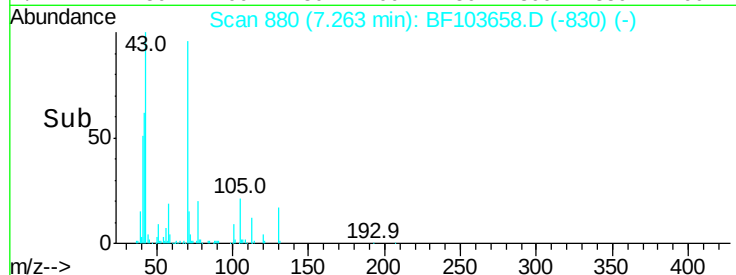
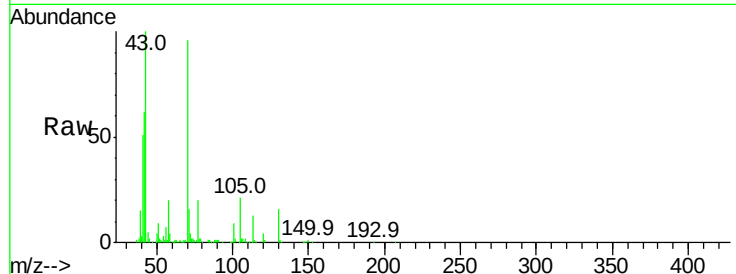
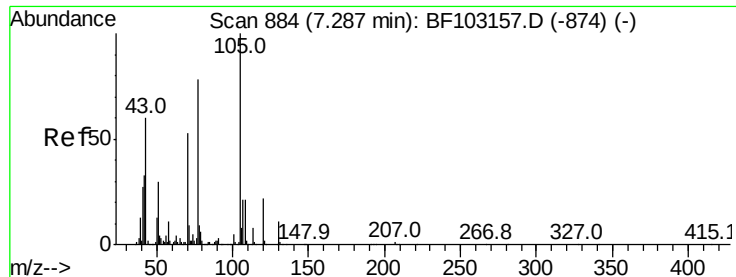
Tot Ion	Ratio	Lower	Upper
107	100		
108	120.2	91.7	137.5
77	86.4	33.8	50.8#
79	76.3	33.8	50.8#



#18
Hexachloroethane
Concen: 28.305 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.8	113.8
201	86.9	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 37.804 ng

RT: 7.26 min Scan# 880

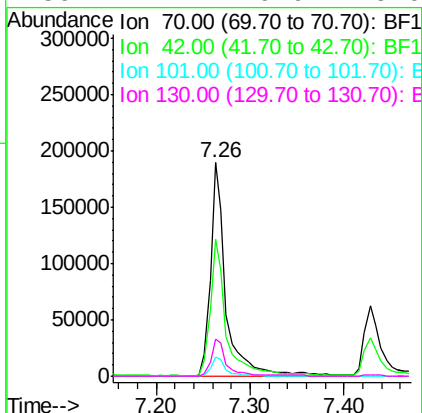
Delta R.T. -0.01 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:	70	Resp:	224117
Ion	Ratio	Lower	Upper
70	100		
42	64.4	47.5	71.3
101	9.1	7.4	11.2
130	17.1	16.6	25.0



#20

3+4-Methylphenols

Concen: 31.596 ng

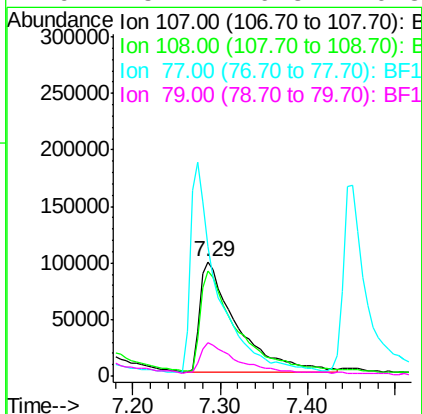
RT: 7.29 min Scan# 884

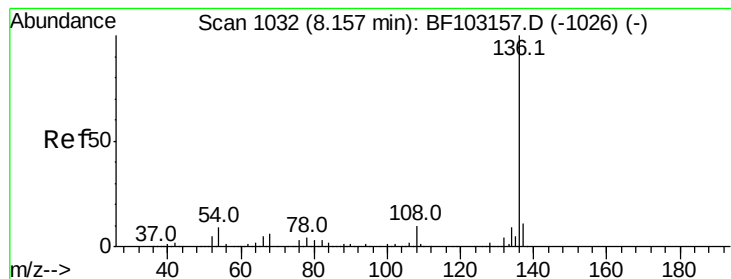
Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Tgt Ion:	107	Resp:	283053
Ion	Ratio	Lower	Upper
107	100		
108	91.6	68.2	108.2
77	113.5	26.7	66.7#
79	28.7	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 490702

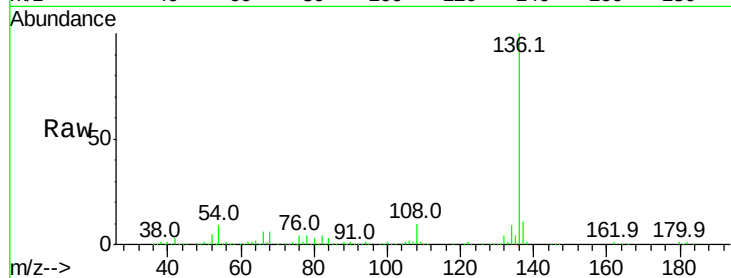
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.2 6.6 9.8

68 6.0 5.0 7.4

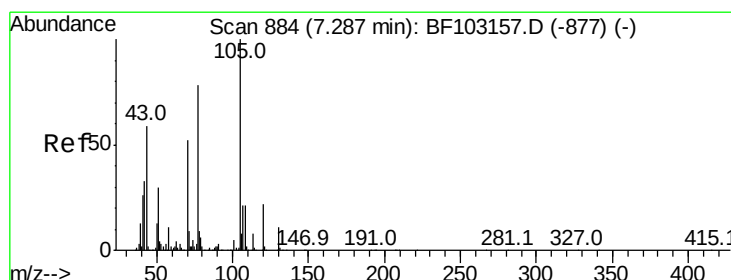
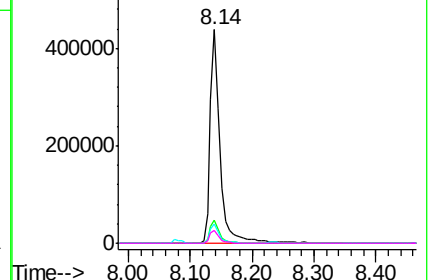
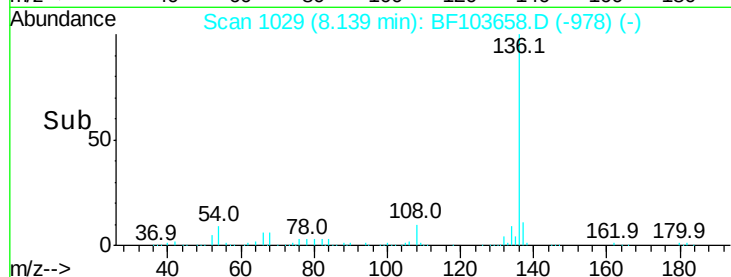


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.991 ng

RT: 7.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Tgt Ion:105 Resp: 423684

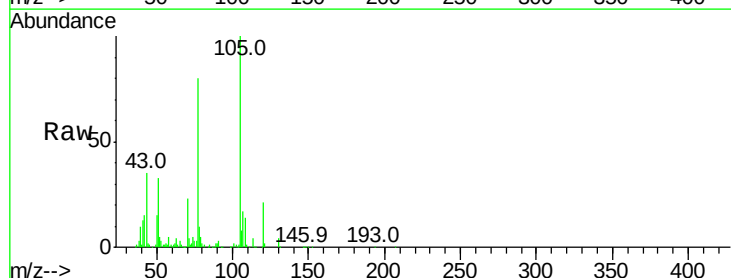
Ion Ratio Lower Upper

105 100

71 4.0 4.4 6.6#

51 33.4 22.3 33.5

120 21.3 16.9 25.3

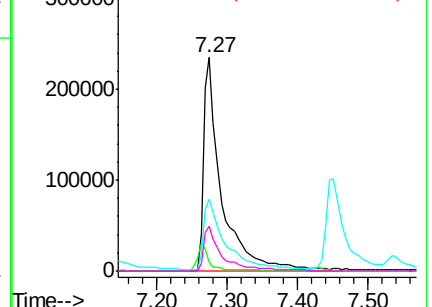
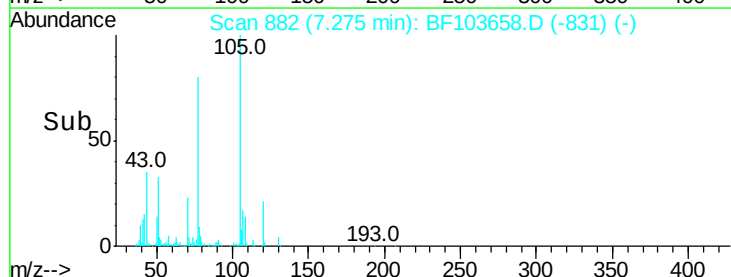


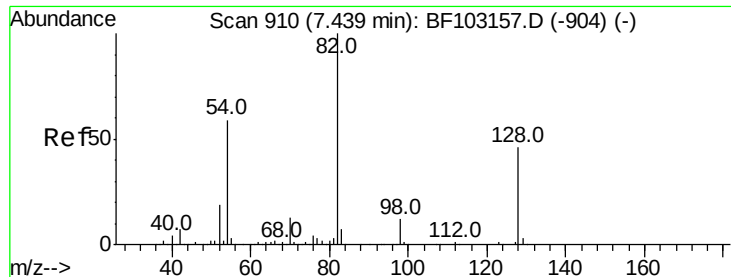
Abundance Ion 105.00 (104.70 to 105.70): E

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

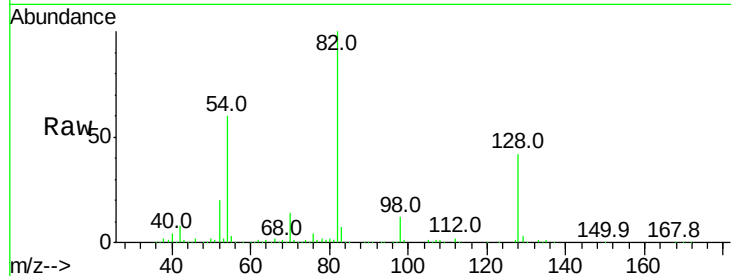




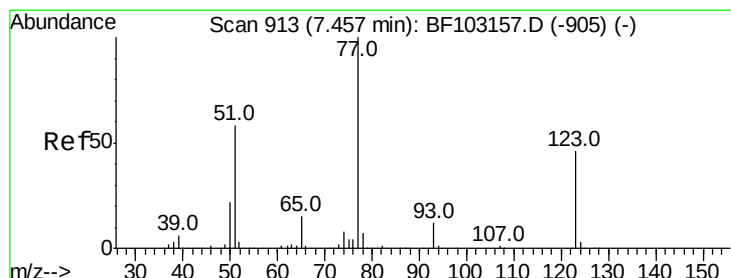
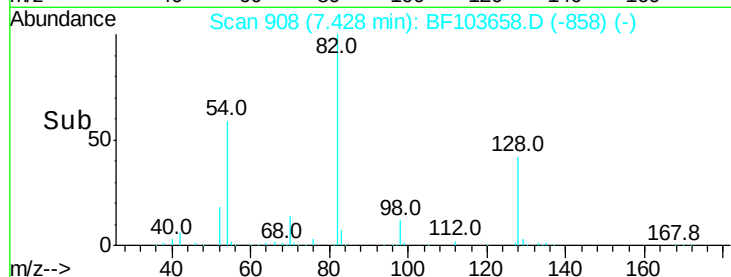
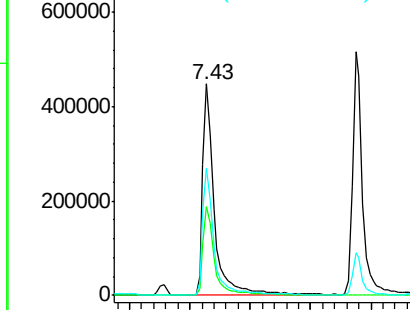
#23
Nitrobenzene-d5
Concen: 71.411 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 613593
Ion Ratio Lower Upper
82 100
128 42.3 36.1 54.1
54 60.1 41.4 62.2

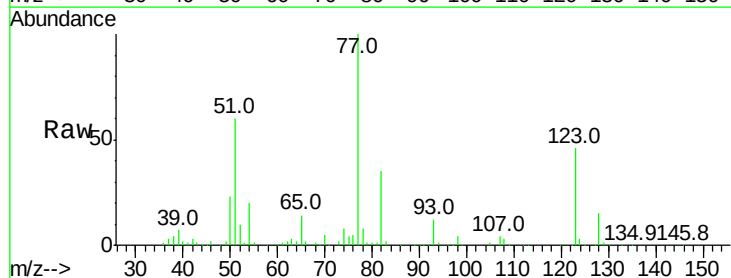


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

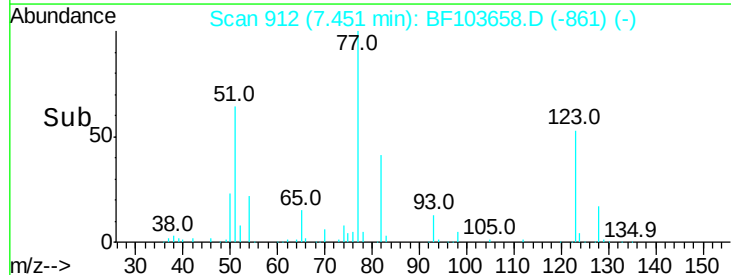
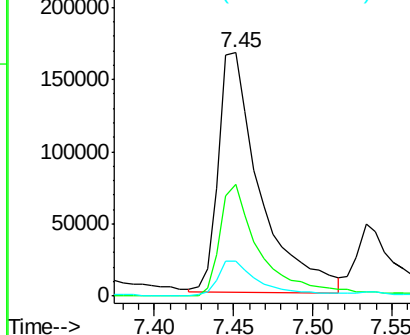


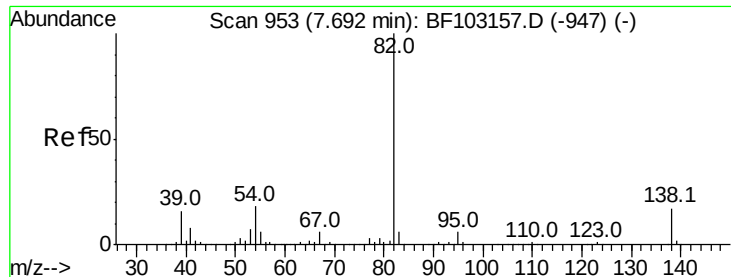
#24
Nitrobenzene
Concen: 32.359 ng
RT: 7.45 min Scan# 912
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion: 77 Resp: 306126
Ion Ratio Lower Upper
77 100
123 45.8 37.9 56.9
65 14.3 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: 35.942 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

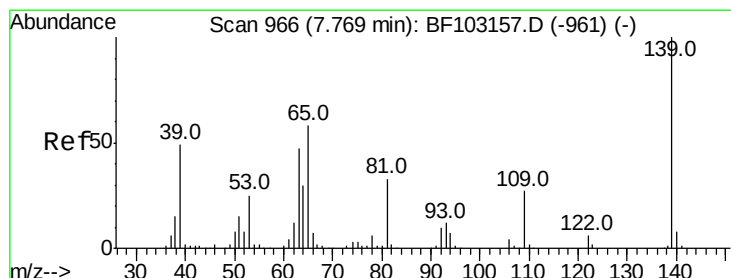
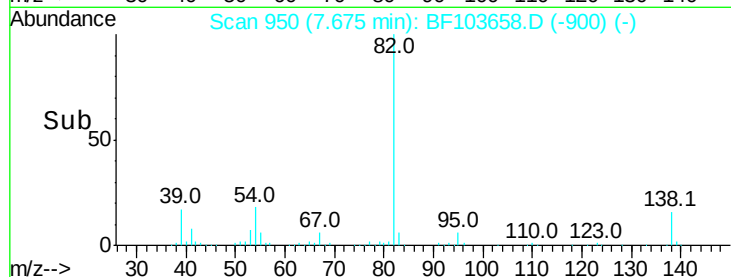
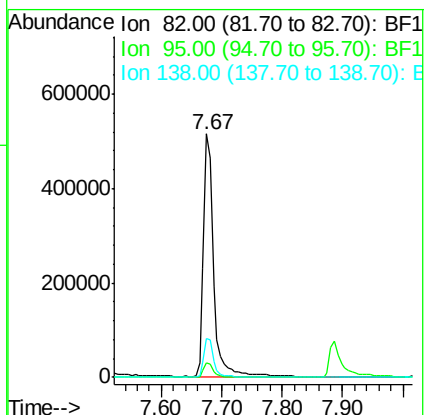
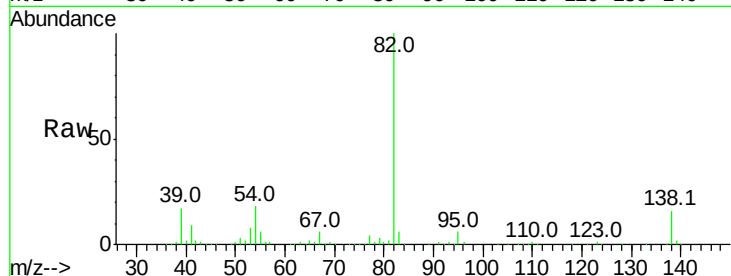
Tot Ion: 82 Resp: 608237

Ion Ratio Lower Upper

82 100

95 5.9 5.2 7.8

138 15.8 14.9 22.3



#26

2-Nitrophenol

Concen: 22.862 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

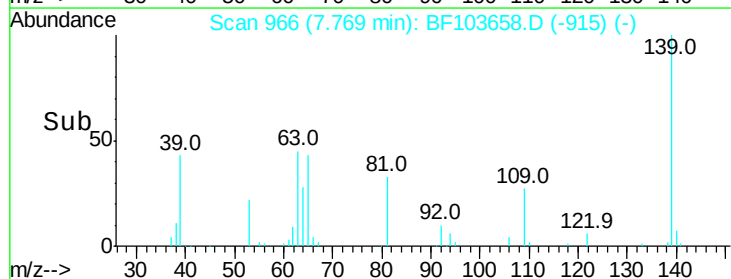
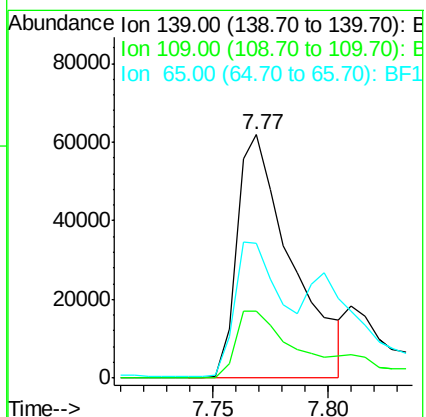
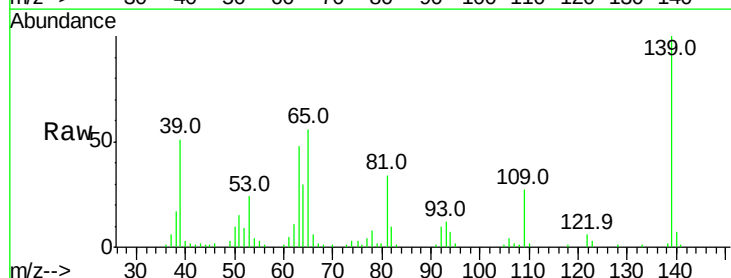
Tgt Ion: 139 Resp: 101819

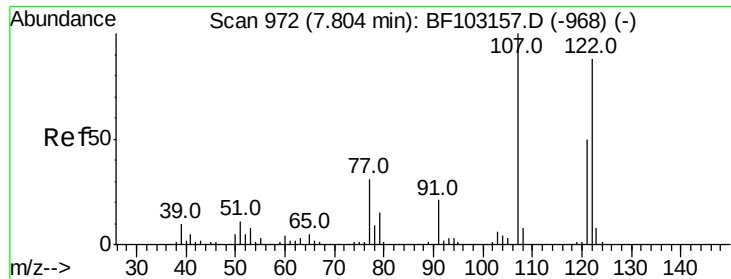
Ion Ratio Lower Upper

139 100

109 27.4 22.7 34.1

65 55.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 36.839 ng

RT: 7.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

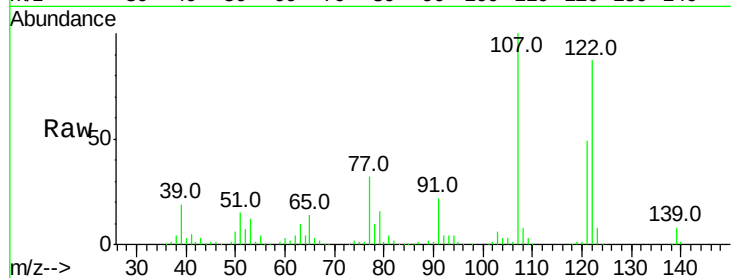
Tot Ion:122 Resp: 250776

Ion Ratio Lower Upper

122 100

107 115.4 91.2 136.8

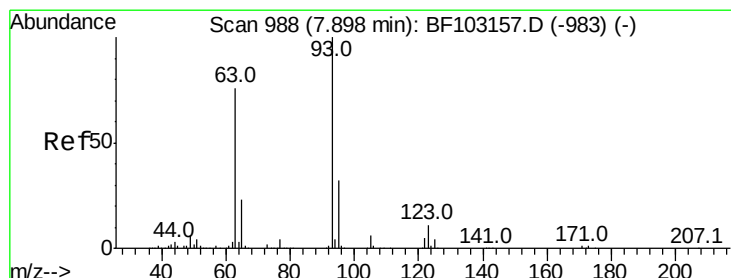
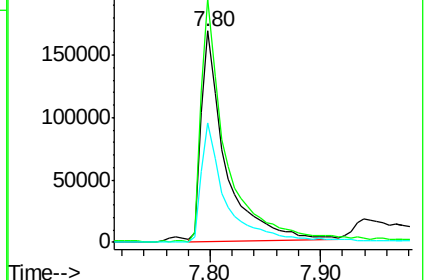
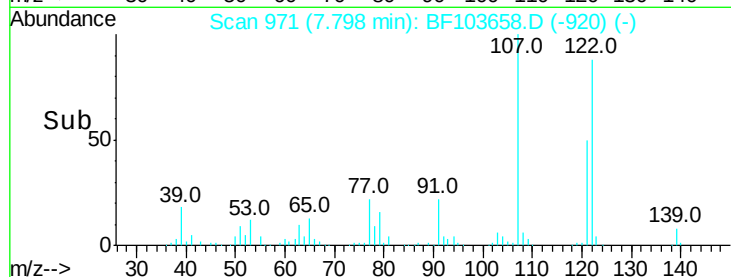
121 56.3 47.2 70.8



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: 37.244 ng

RT: 7.89 min Scan# 986

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

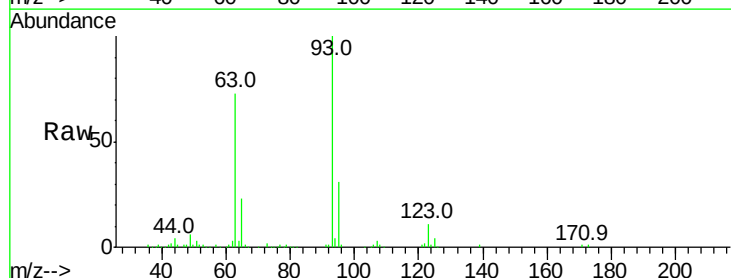
Tgt Ion: 93 Resp: 370565

Ion Ratio Lower Upper

93 100

95 30.6 26.3 39.5

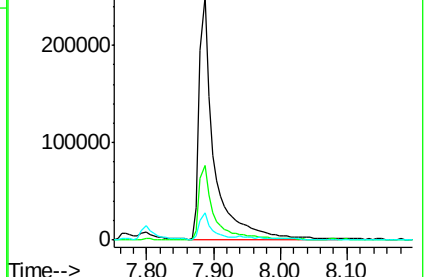
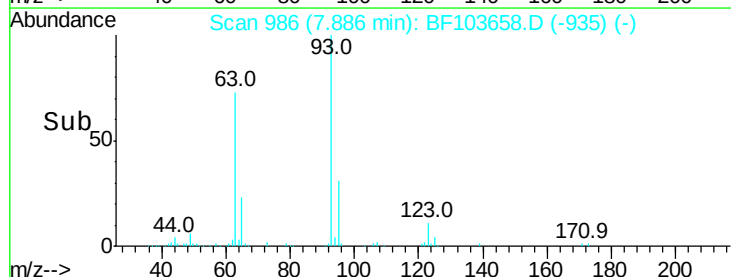
123 11.1 9.8 14.6

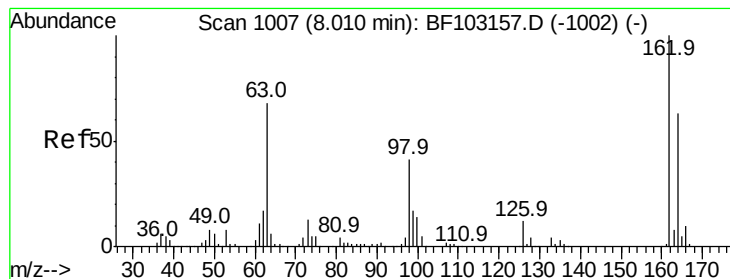


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 34.497 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

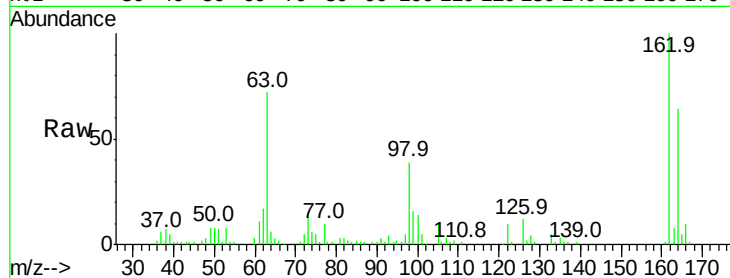
Tot Ion:162 Resp: 224834

Ion Ratio Lower Upper

162 100

164 64.3 42.7 82.7

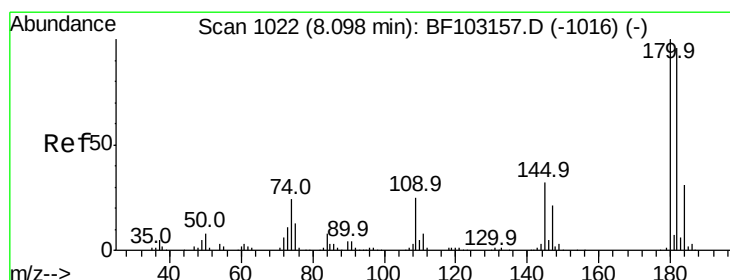
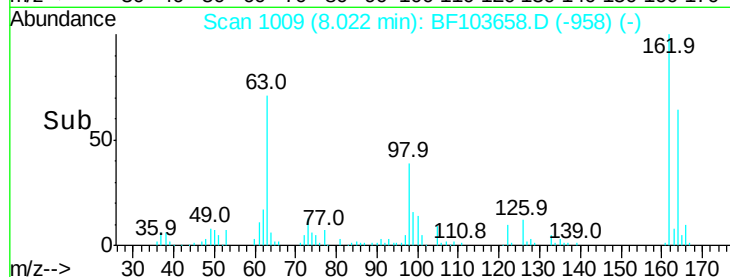
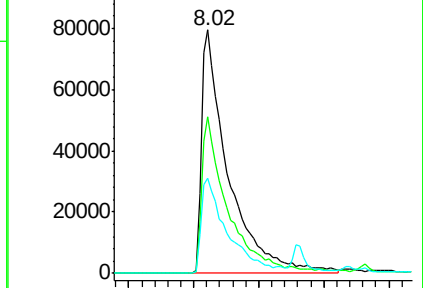
98 39.3 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 31.663 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

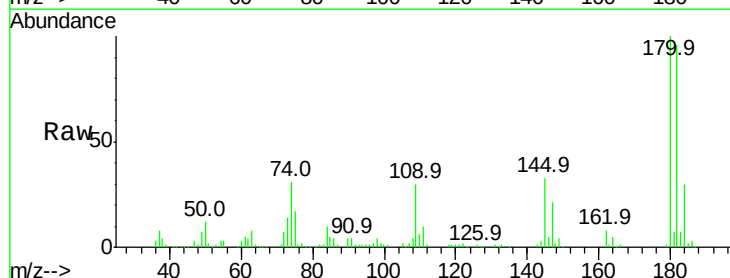
Tgt Ion:180 Resp: 219753

Ion Ratio Lower Upper

180 100

182 96.1 76.8 115.2

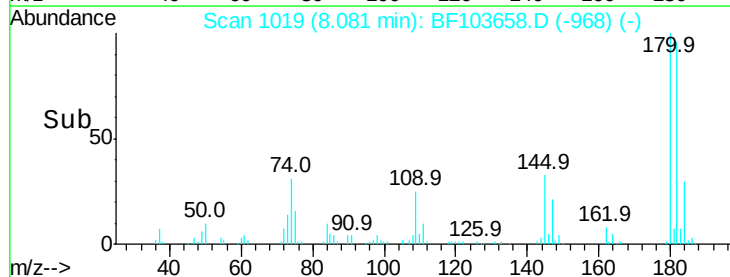
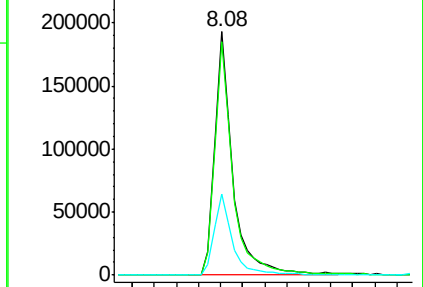
145 33.3 26.5 39.7

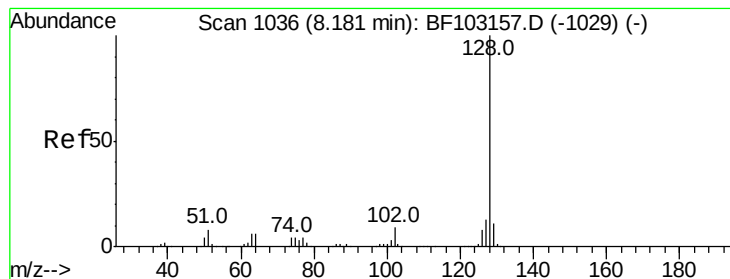


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 35.402 ng

RT: 8.16 min Scan# 1033

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

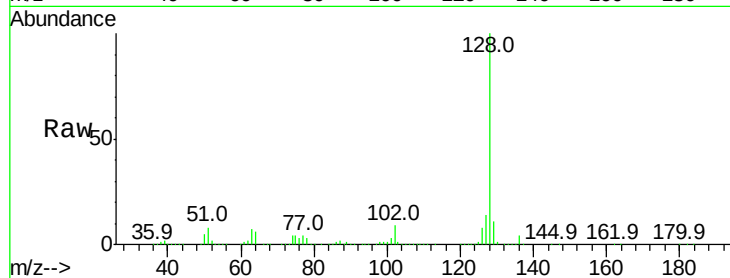
Tot Ion:128 Resp: 850491

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

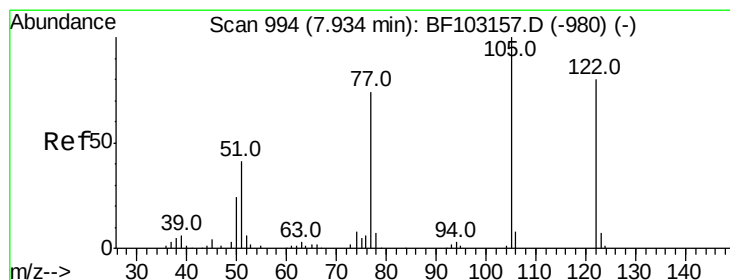
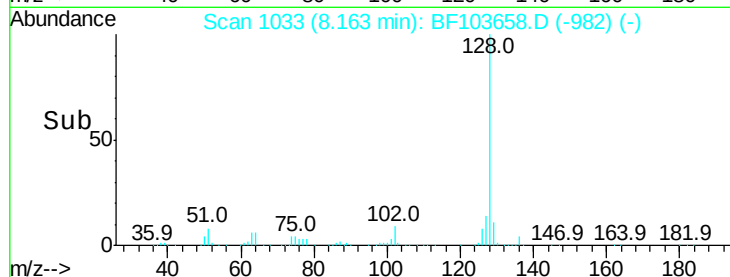
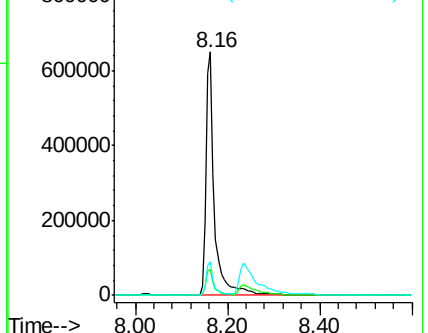
127 13.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.807 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.03 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

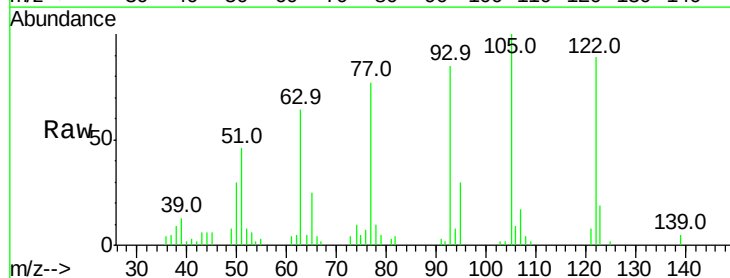
Tgt Ion:122 Resp: 87874

Ion Ratio Lower Upper

122 100

105 112.6 101.1 141.1

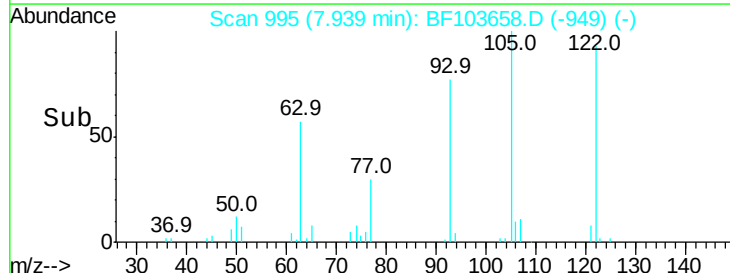
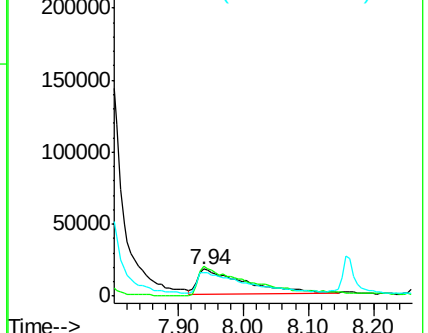
77 87.1 70.7 110.7

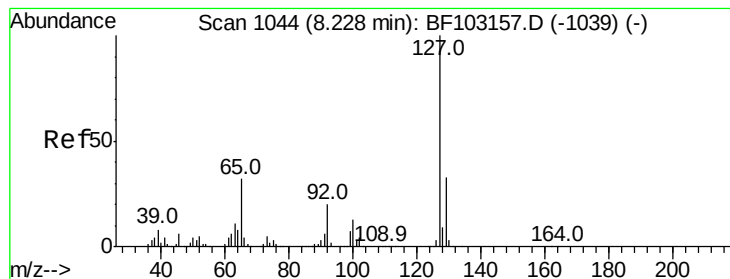


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 22.905 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 237456

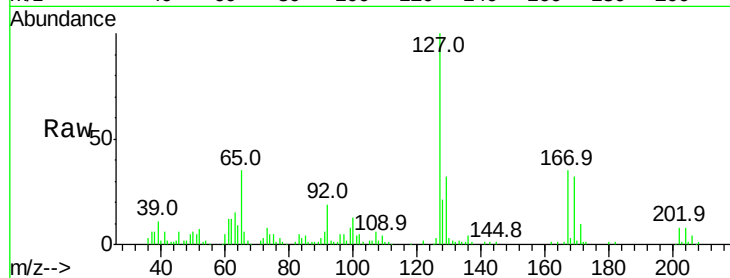
Ion Ratio Lower Upper

127 100

129 31.8 25.9 38.9

65 34.6 25.0 37.4

92 19.4 15.2 22.8

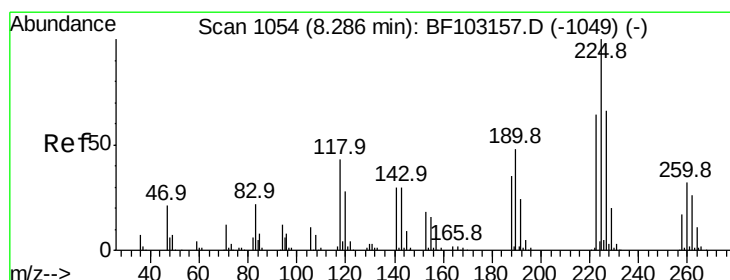
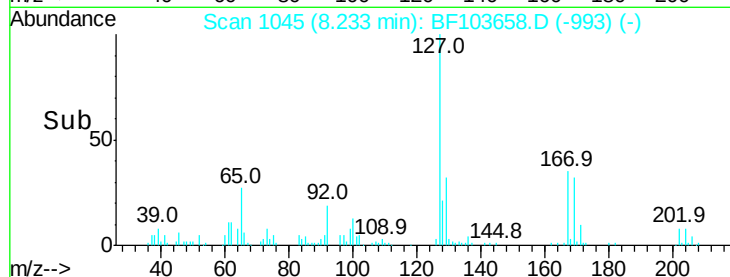
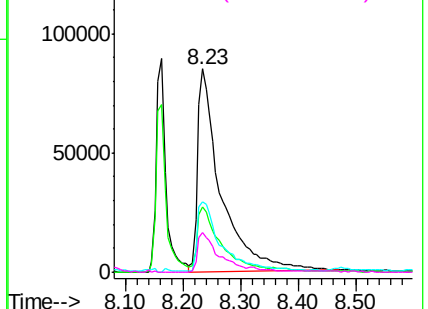


Abundance Ion 127.00 (126.70 to 127.70): E

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: 31.096 ng

RT: 8.26 min Scan# 1050

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

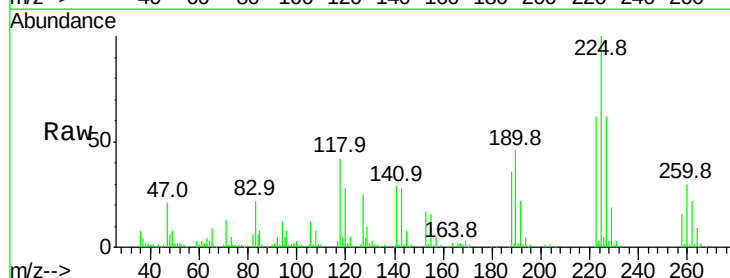
Tgt Ion:225 Resp: 112385

Ion Ratio Lower Upper

225 100

223 61.8 50.6 76.0

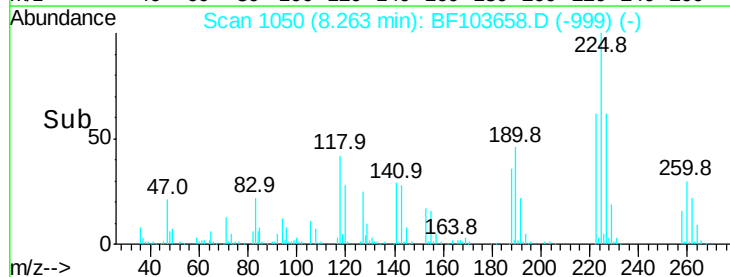
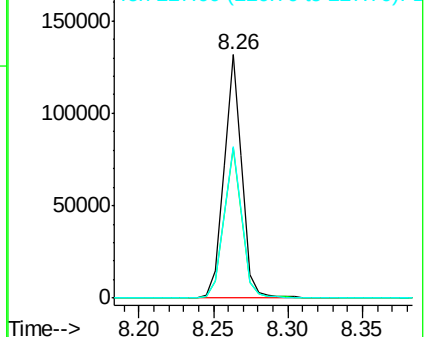
227 62.4 51.9 77.9

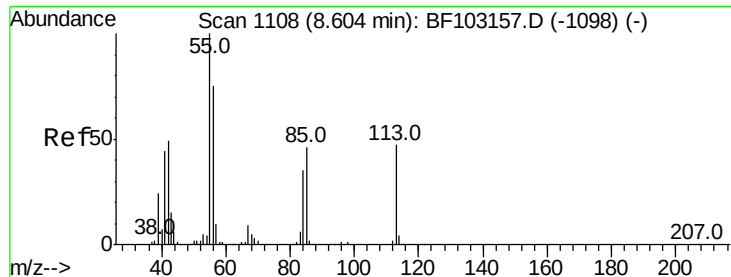


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.150 ng

RT: 8.59 min Scan# 1106

Delta R.T. -0.01 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

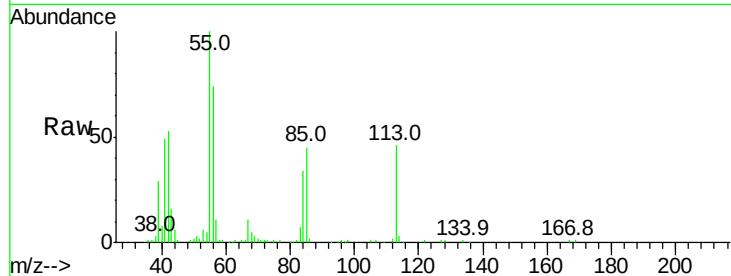
Tot Ion:113 Resp: 66771

Ion Ratio Lower Upper

113 100

55 216.0 163.3 203.3#

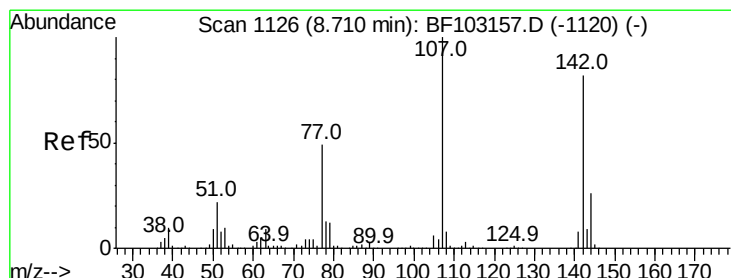
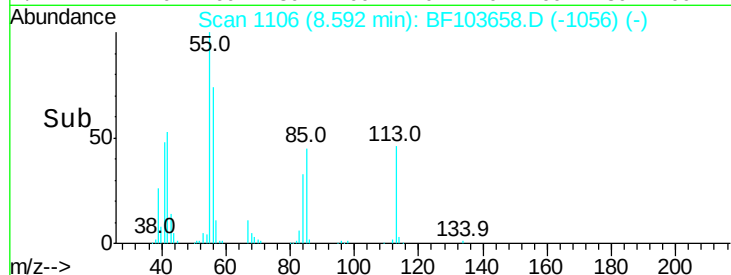
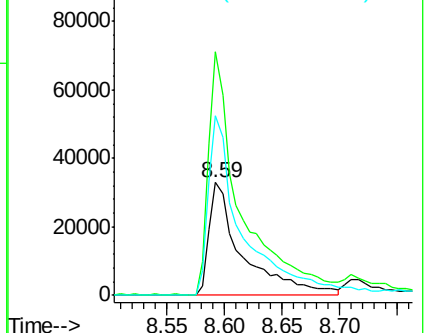
56 158.9 115.7 155.7#



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: 34.289 ng

RT: 8.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

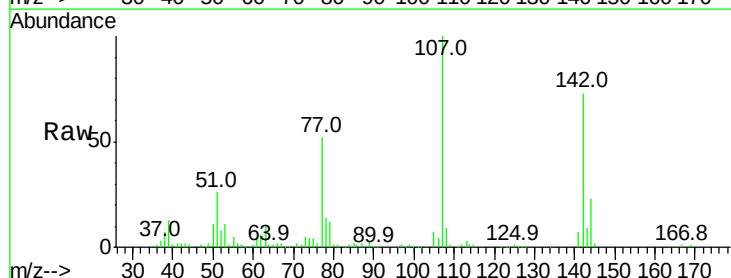
Tgt Ion:107 Resp: 252065

Ion Ratio Lower Upper

107 100

144 23.4 20.5 30.7

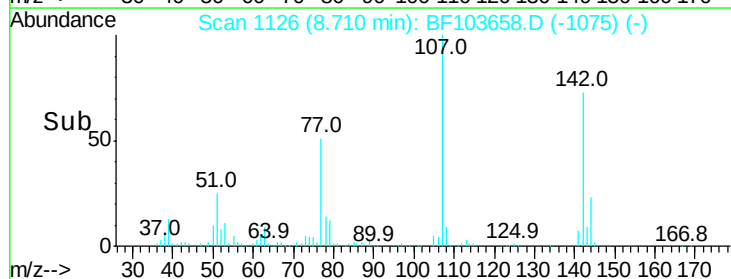
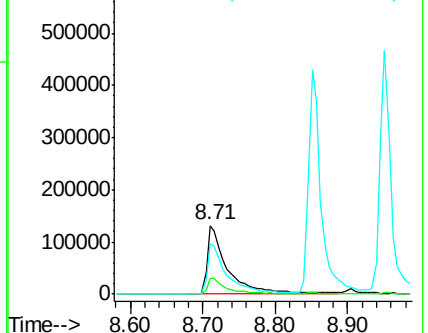
142 73.0 62.0 93.0

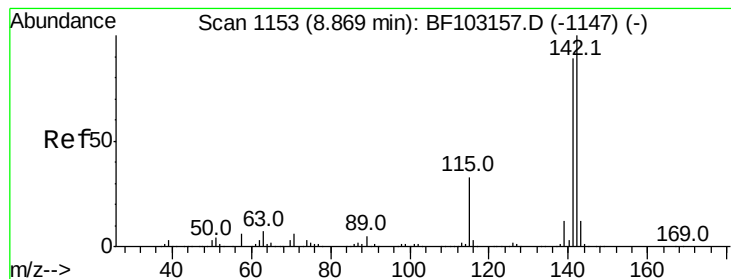


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 33.510 ng

RT: 8.85 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

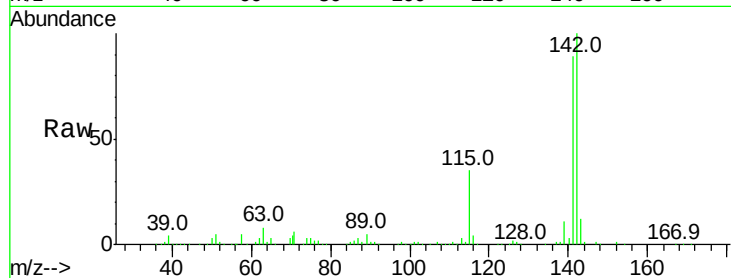
Tot Ion:142 Resp: 520275

Ion Ratio Lower Upper

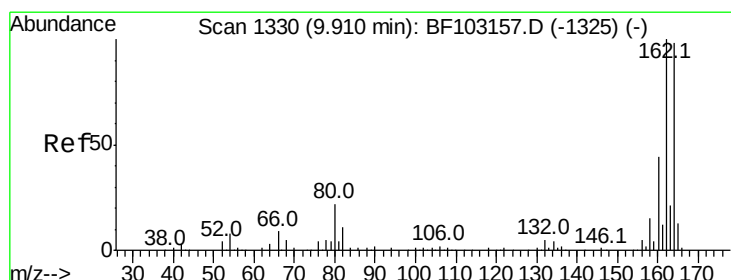
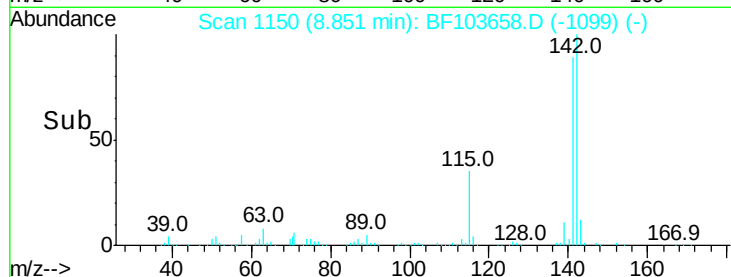
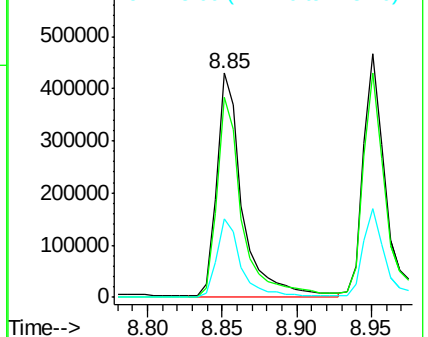
142 100

141 89.0 70.8 106.2

115 35.3 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: 20.000 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

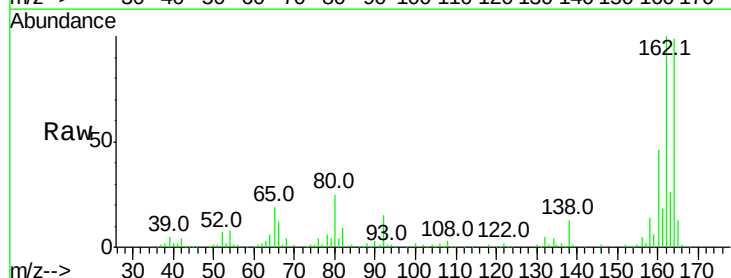
Tgt Ion:164 Resp: 202308

Ion Ratio Lower Upper

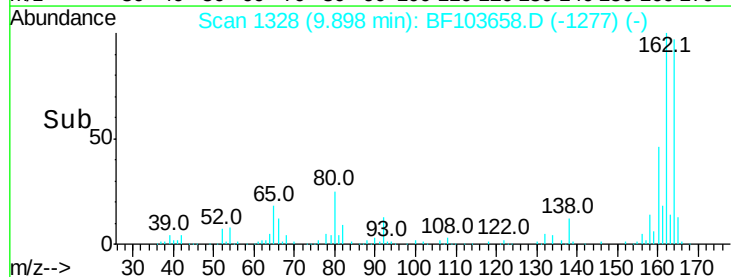
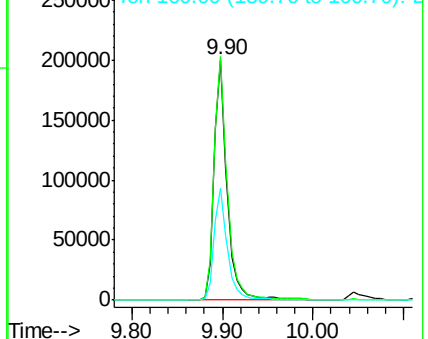
164 100

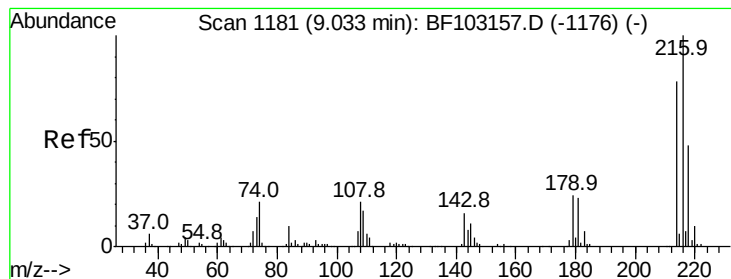
162 101.4 86.1 129.1

160 46.7 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: 34.905 ng

RT: 9.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 193050

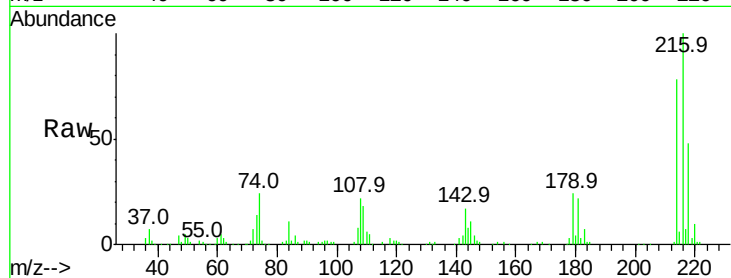
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 23.8 18.1 27.1

108 22.4 17.2 25.8

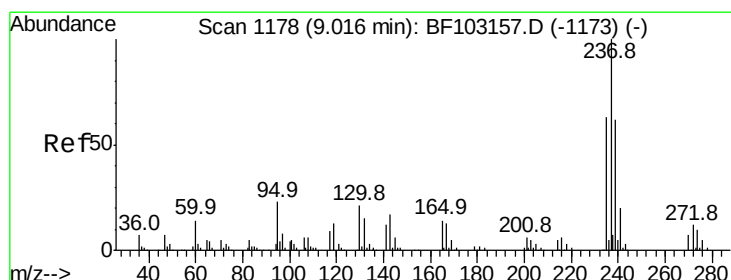
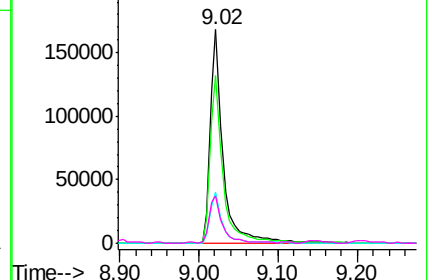
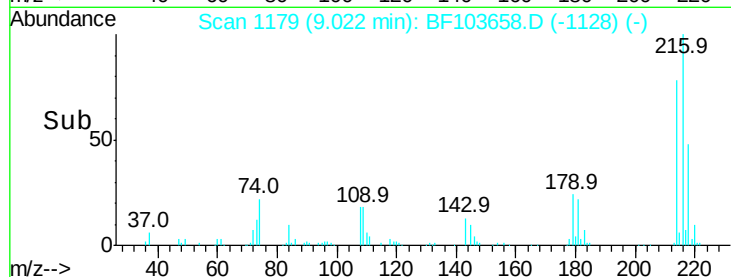


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 11.586 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

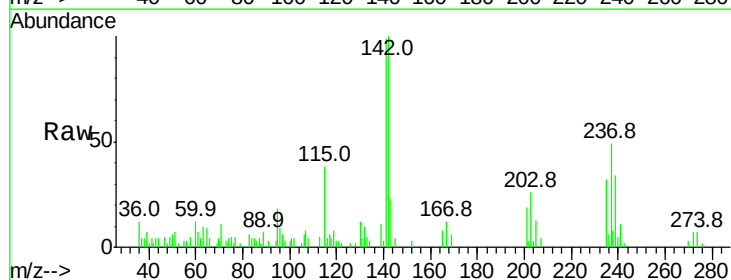
Tgt Ion:237 Resp: 5930

Ion Ratio Lower Upper

237 100

235 66.2 44.8 84.8

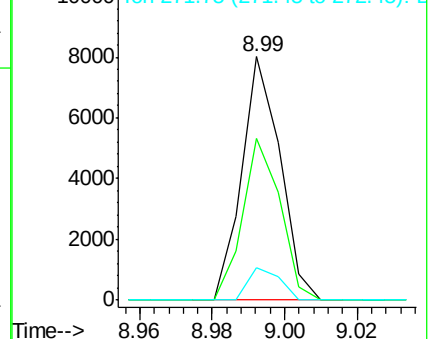
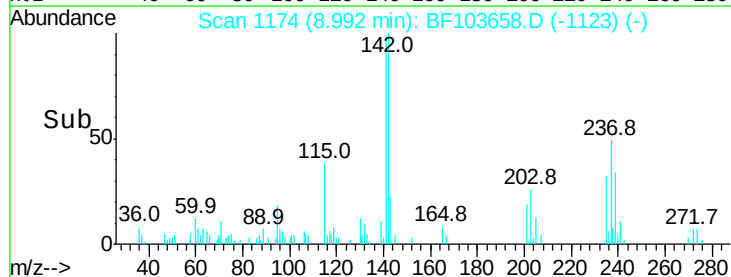
272 13.5 0.0 33.3

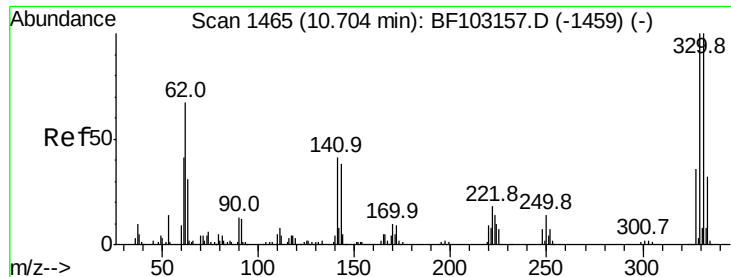


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

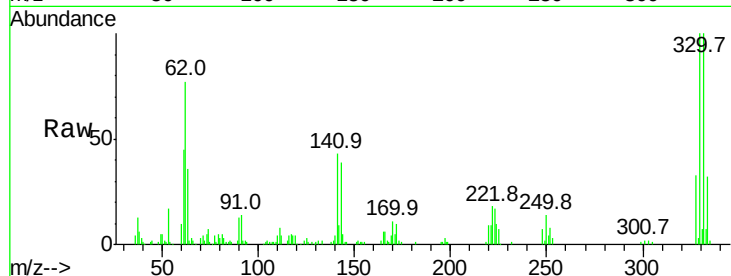




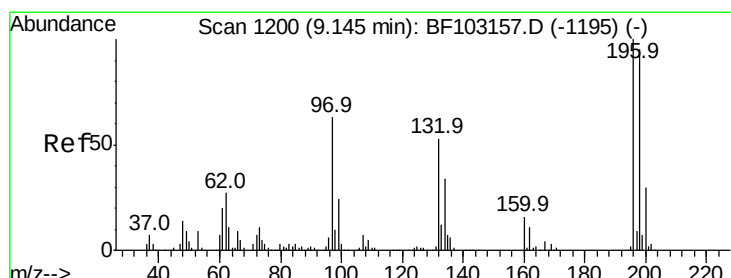
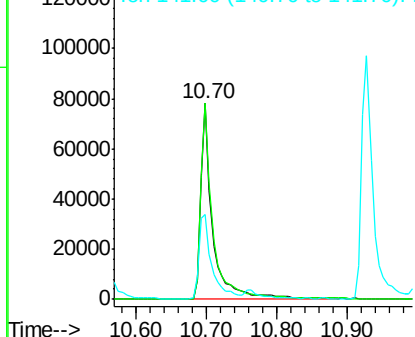
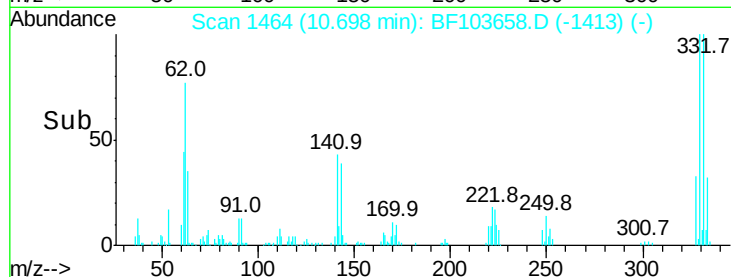
#41
 2,4,6-Tribromophenol
 Concen: 55.469 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 94986
 Ion Ratio Lower Upper
 330 100
 332 100.4 77.0 115.6
 141 46.9 29.9 44.9#

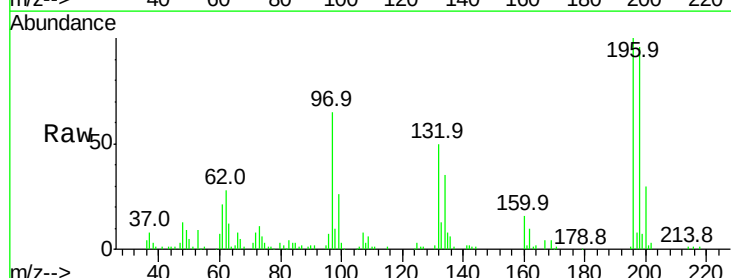


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

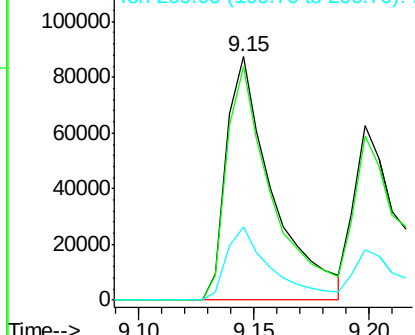
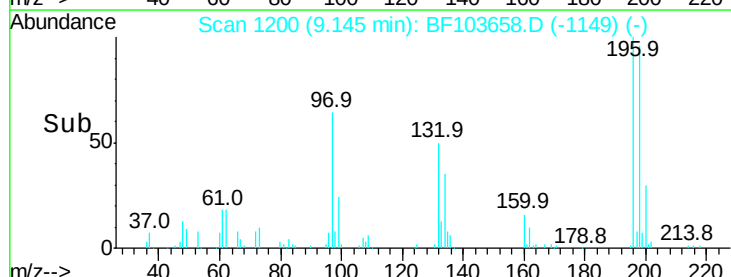


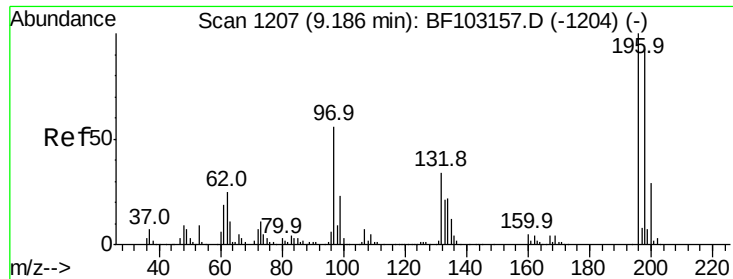
#42
 2,4,6-Trichlorophenol
 Concen: 32.569 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Tgt Ion:196 Resp: 121204
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.7 113.5
 200 30.4 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

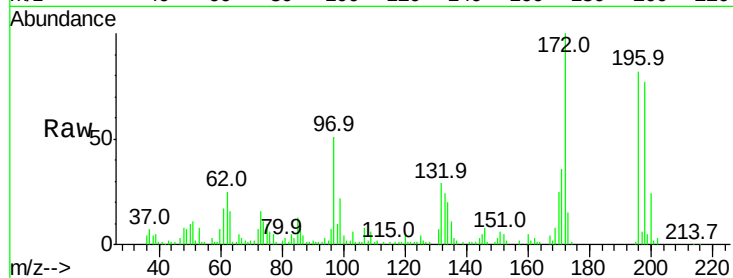




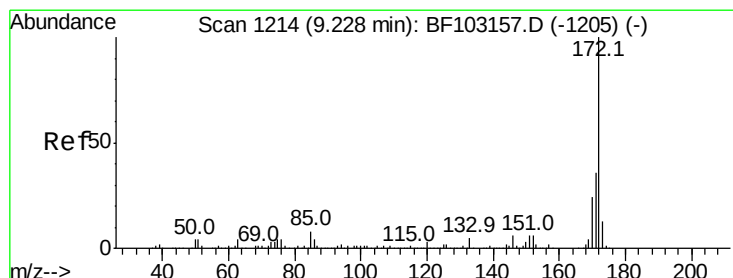
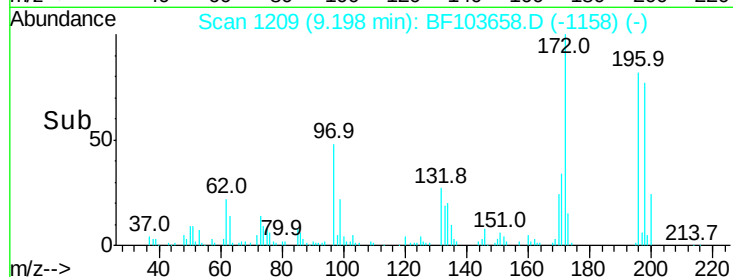
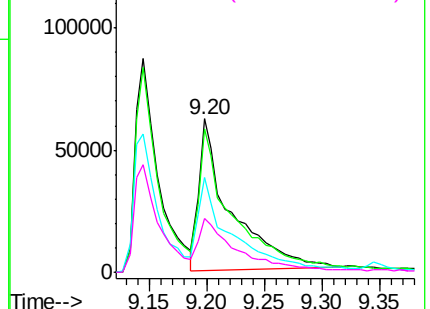
#43
 2,4,5-Trichlorophenol
 Concen: 27.741 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 118739
 Ion Ratio Lower Upper
 196 100
 198 93.8 74.6 112.0
 97 62.0 42.9 64.3
 132 35.2 26.3 39.5

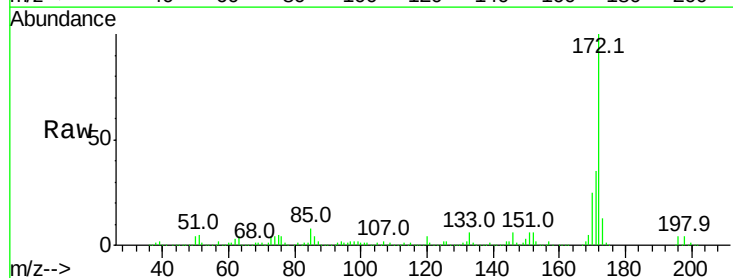


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

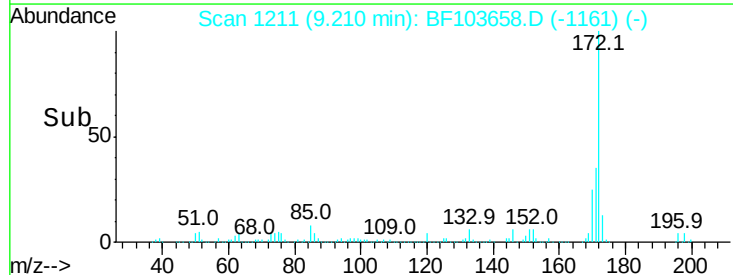
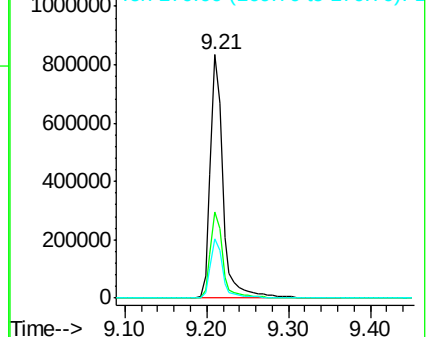


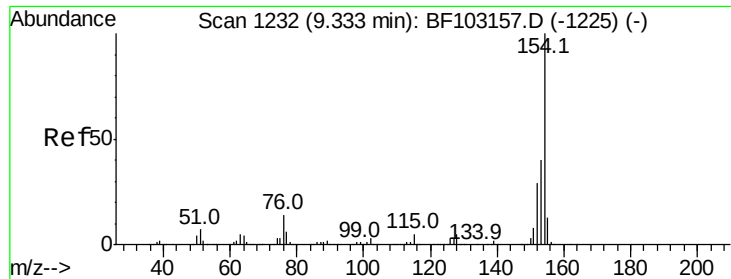
#44
 2-Fluorobiphenyl
 Concen: 74.522 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Tgt Ion:172 Resp: 901466
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 24.5 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

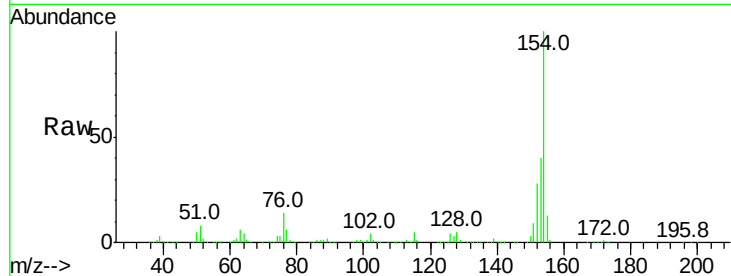




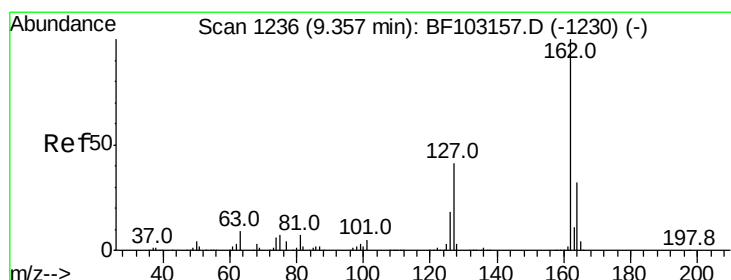
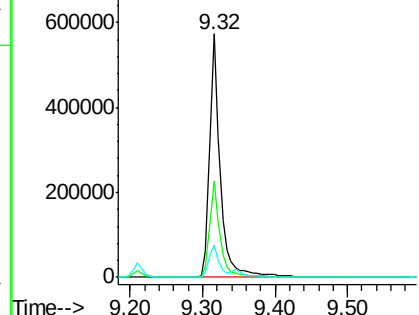
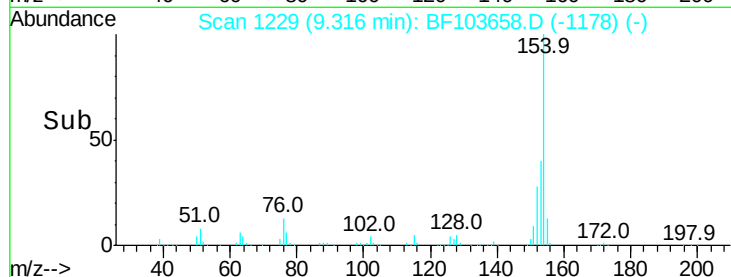
#45
 1,1'-Biphenyl
 Concen: 35.370 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	21.3	61.3
76	13.5	0.0	34.0

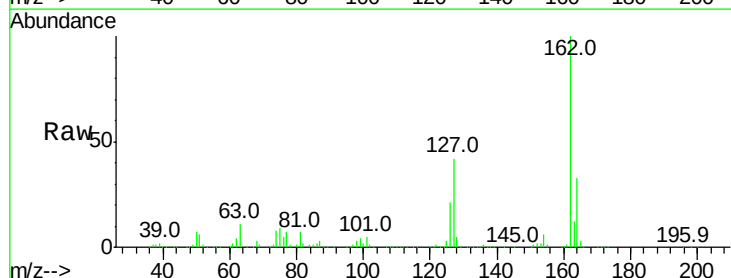


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

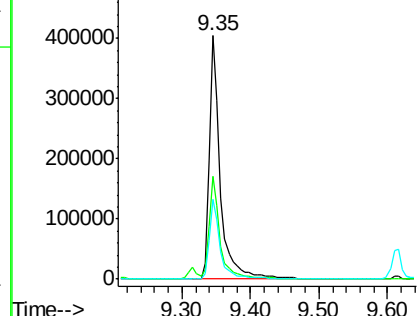
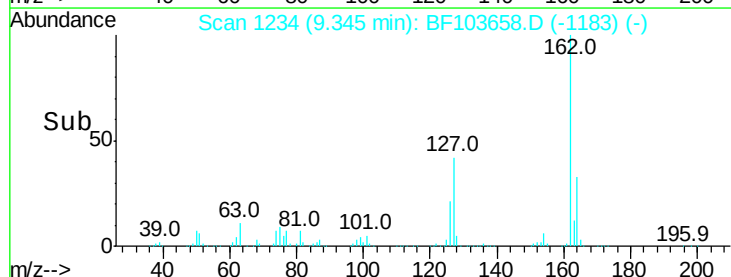


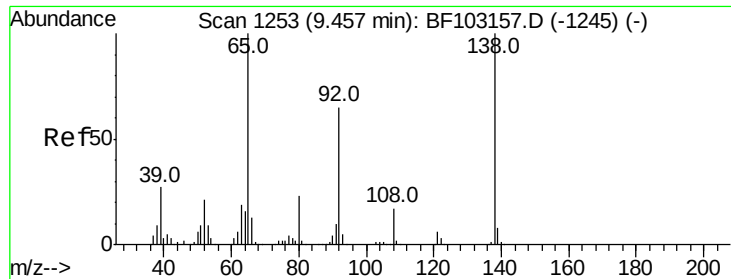
#46
 2-Chloronaphthalene
 Concen: 34.683 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.3	33.9	50.9
164	32.9	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: 36.500 ng

RT: 9.46 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampled :

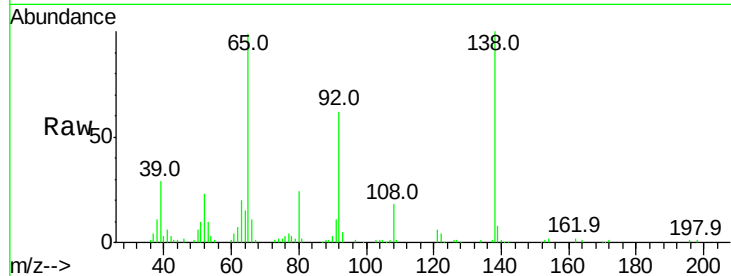
Tot Ion: 65 Resp: 181331

Ion Ratio Lower Upper

65 100

92 62.6 55.8 83.6

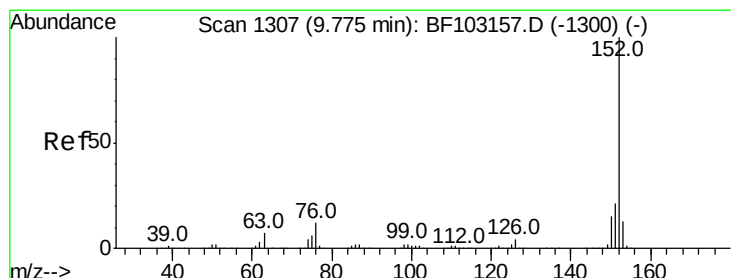
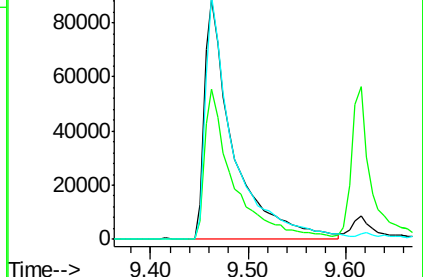
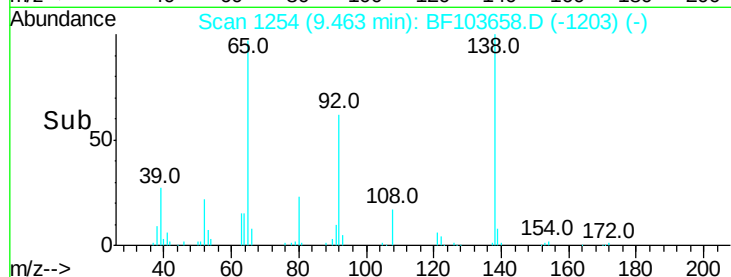
138 101.4 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 32.931 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

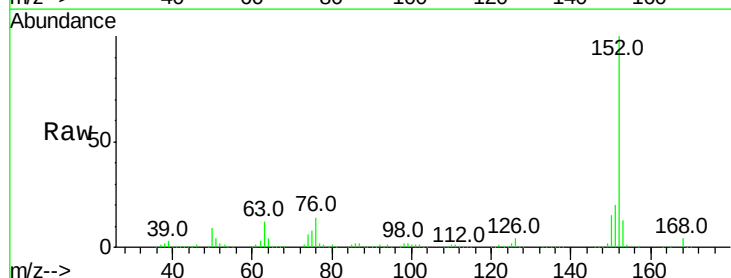
Tgt Ion: 152 Resp: 679533

Ion Ratio Lower Upper

152 100

151 19.6 16.3 24.5

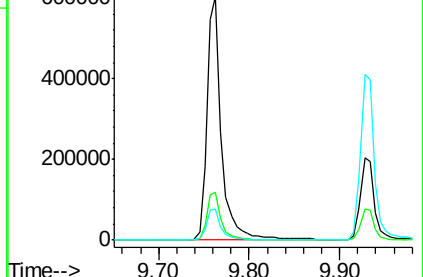
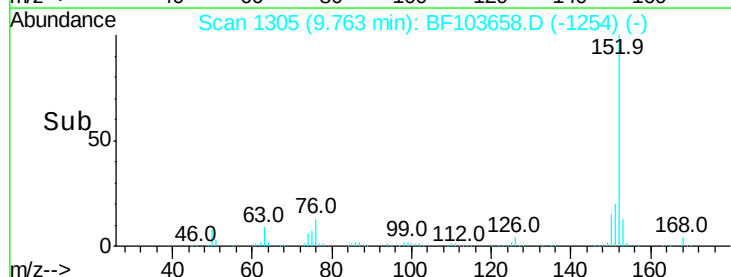
153 12.7 10.7 16.1

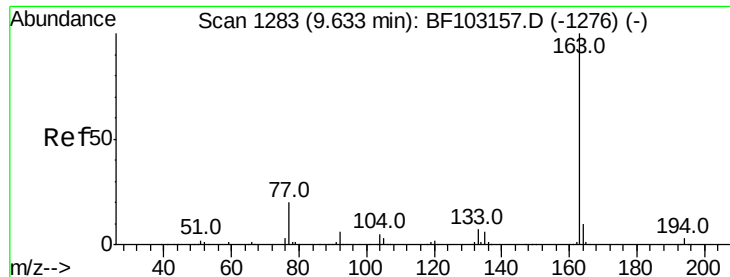


Abundance Ion 152.00 (151.70 to 152.70): BF1

Ion 151.00 (150.70 to 151.70): BF1

Ion 153.00 (152.70 to 153.70): BF1





#49

Dimethylphthalate

Concen: 33.315 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

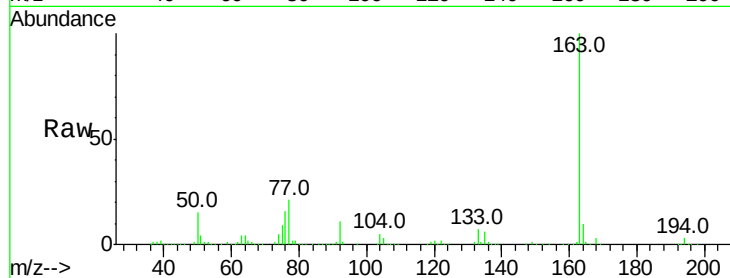
Tot Ion:163 Resp: 540689

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

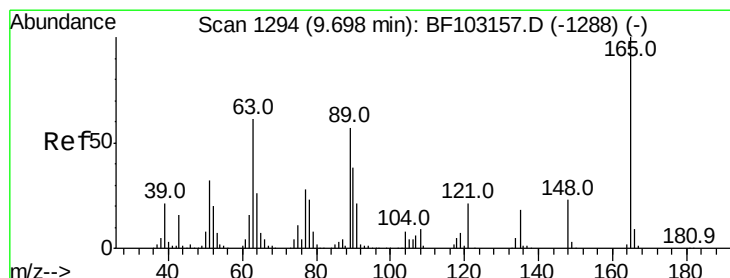
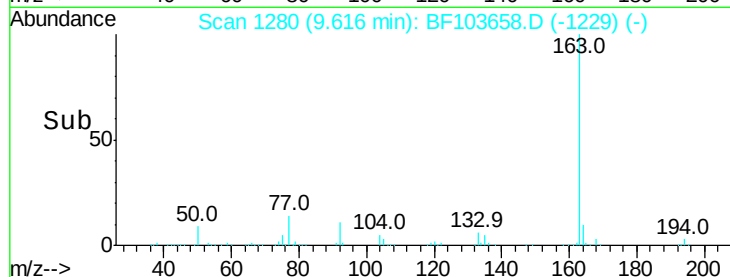
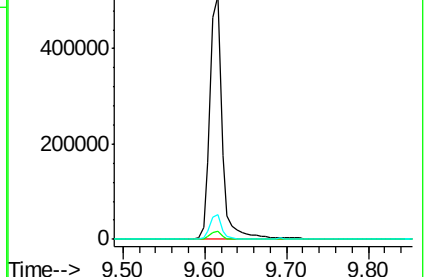
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.159 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

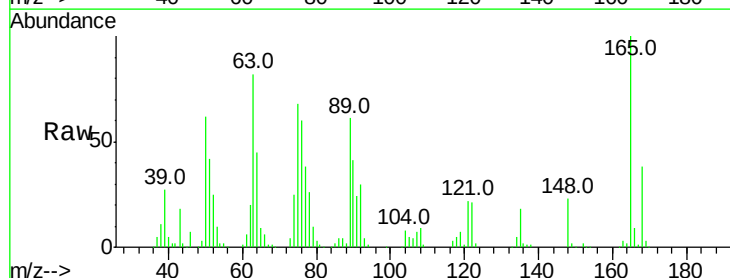
Tgt Ion:165 Resp: 109529

Ion Ratio Lower Upper

165 100

63 81.9 44.7 67.1#

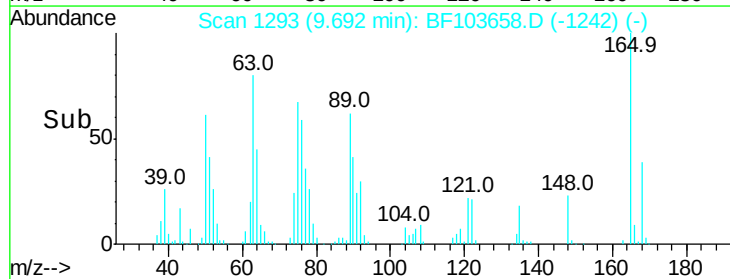
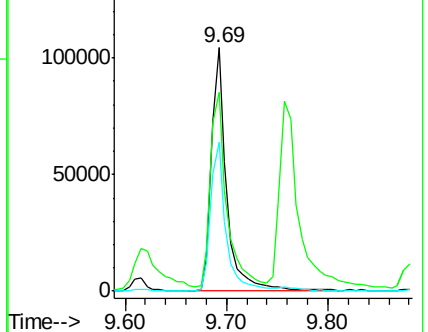
89 61.4 44.0 66.0

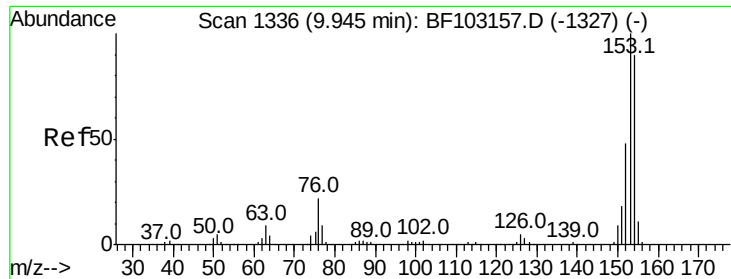


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 32.521 ng

RT: 9.93 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

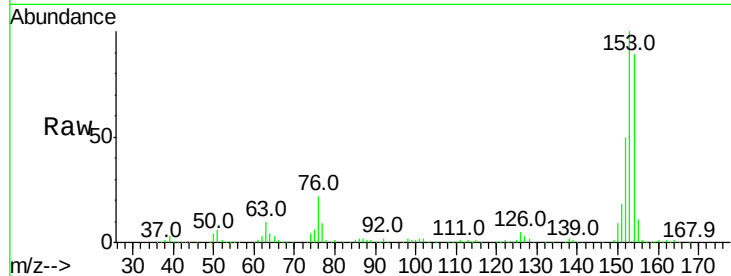
Tot Ion:154 Resp: 391309

Ion Ratio Lower Upper

154 100

153 111.8 91.2 136.8

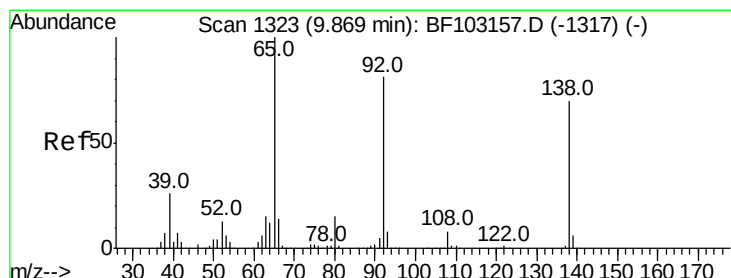
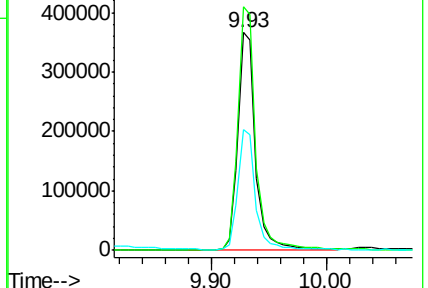
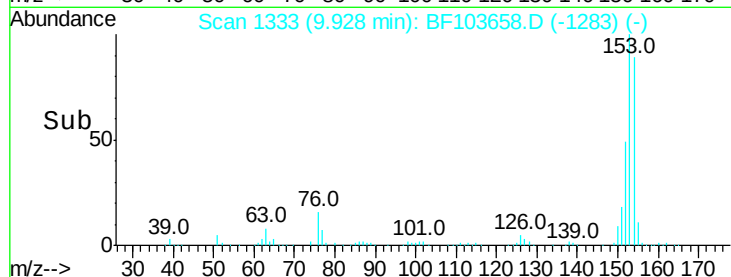
152 55.5 43.8 65.8



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: 25.682 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

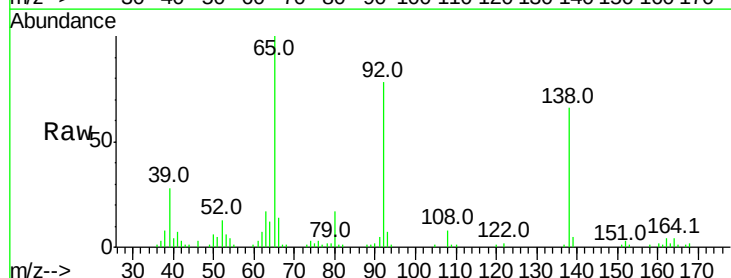
Tgt Ion:138 Resp: 110972

Ion Ratio Lower Upper

138 100

108 11.7 9.4 14.0

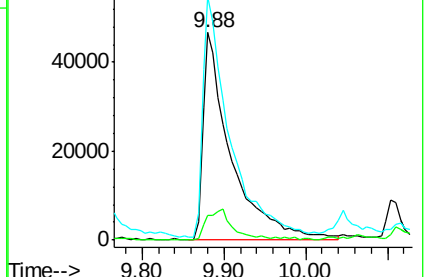
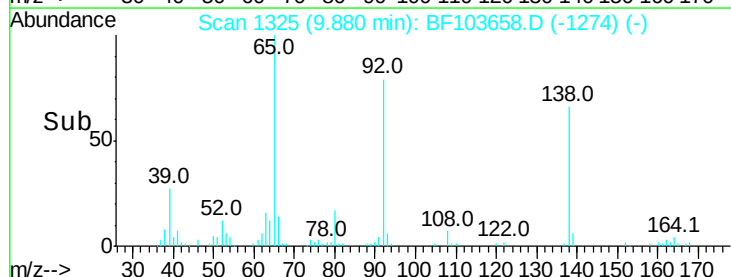
92 117.5 89.4 134.2

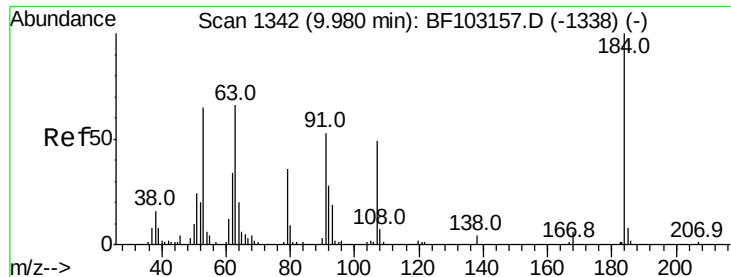


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

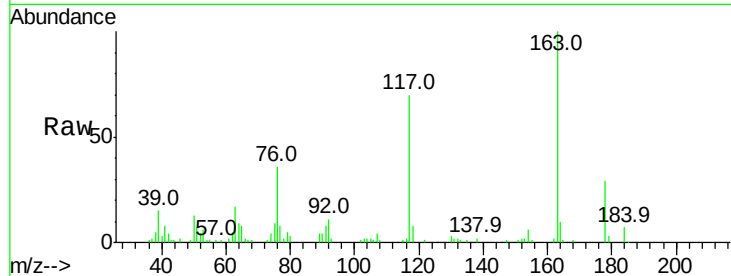




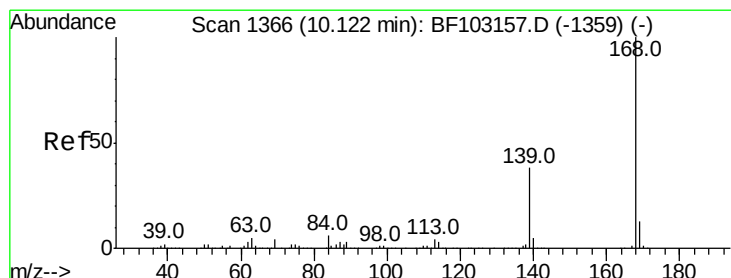
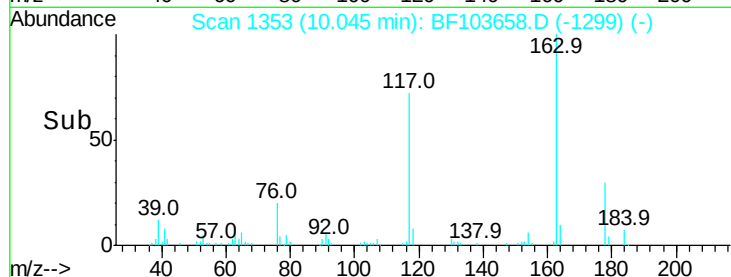
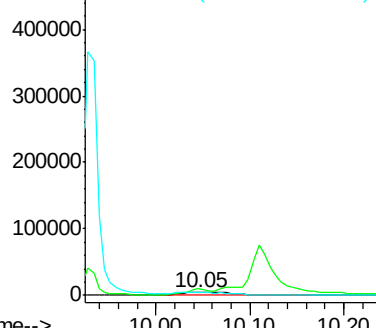
#53
 2,4-Dinitrophenol
 Concen: 23.635 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.02 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 19597
 Ion Ratio Lower Upper
 184 100
 63 246.1 54.2 81.2#
 154 90.1 184.0 276.0#

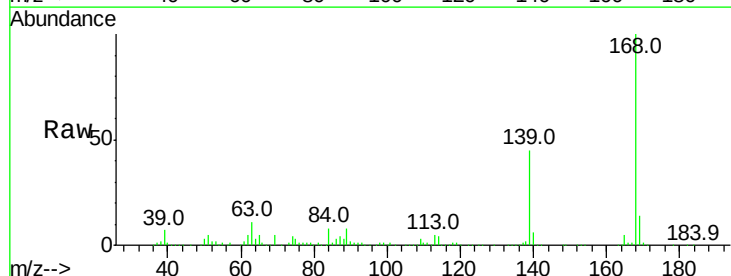


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

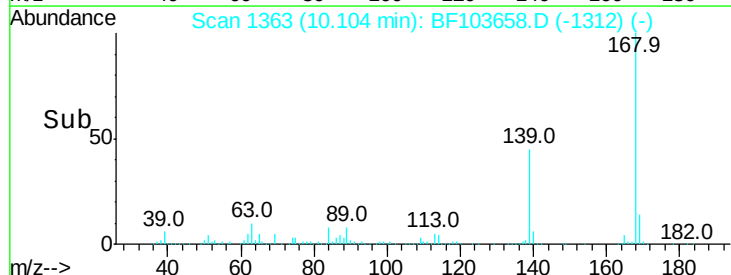
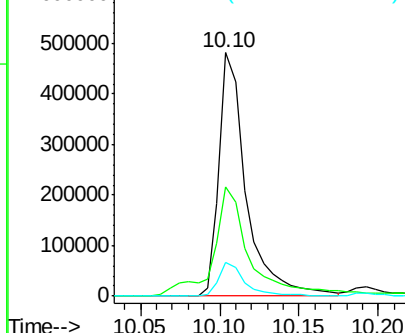


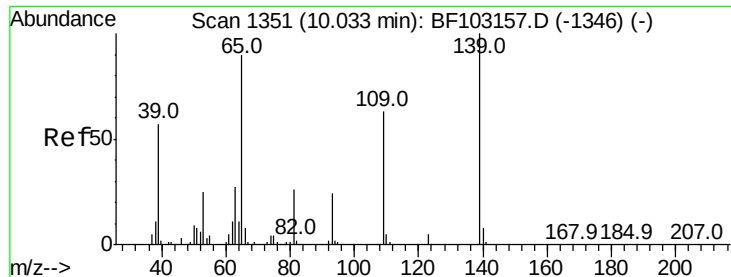
#54
 Dibenzofuran
 Concen: 34.797 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Tgt Ion:168 Resp: 574762
 Ion Ratio Lower Upper
 168 100
 139 45.1 30.1 45.1
 169 13.9 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

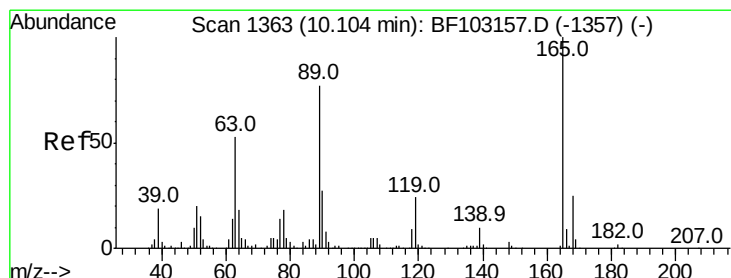
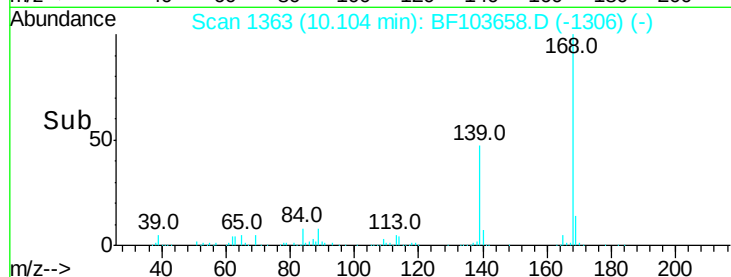
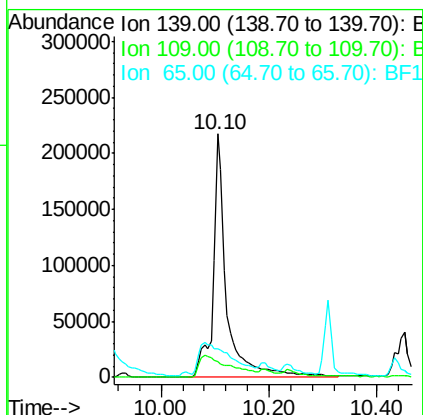
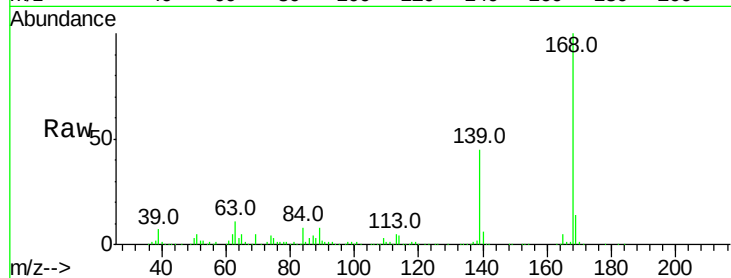




#55
4-Nitrophenol
Concen: 140.975 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.04 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

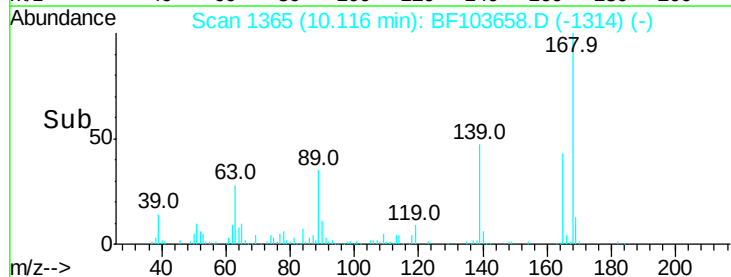
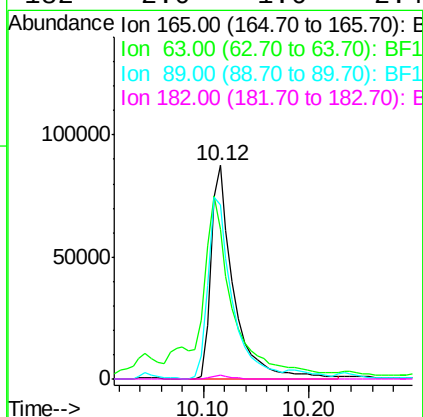
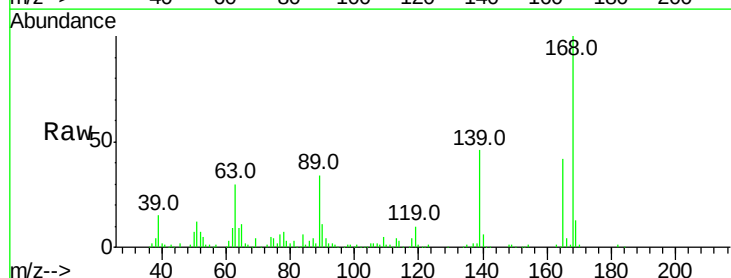
Instrument :
BNA_F
ClientSampleId :

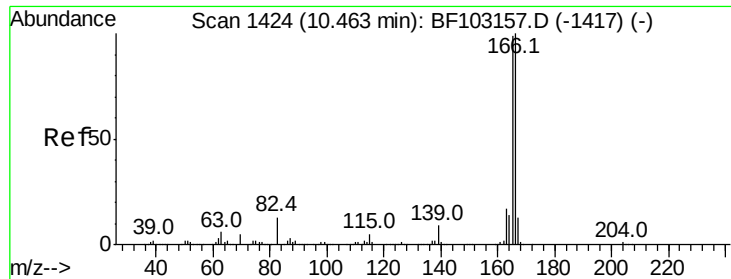
Tot Ion:139 Resp: 377540
Ion Ratio Lower Upper
139 100
109 6.7 48.4 88.4#
65 11.7 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 30.673 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion:165 Resp: 132121
Ion Ratio Lower Upper
165 100
63 70.1 36.4 54.6#
89 81.7 57.8 86.6
182 2.0 1.6 2.4

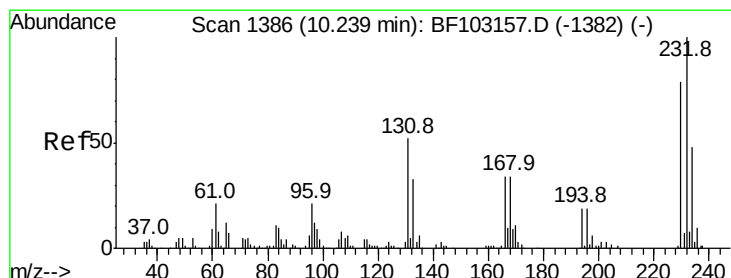
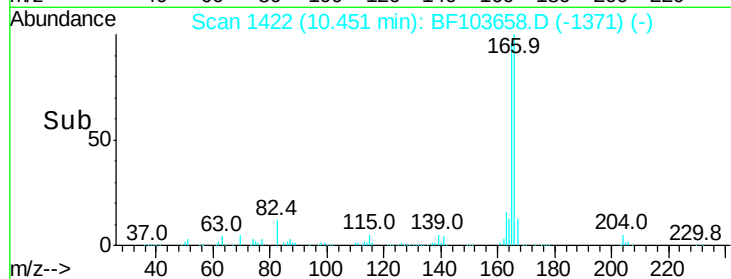
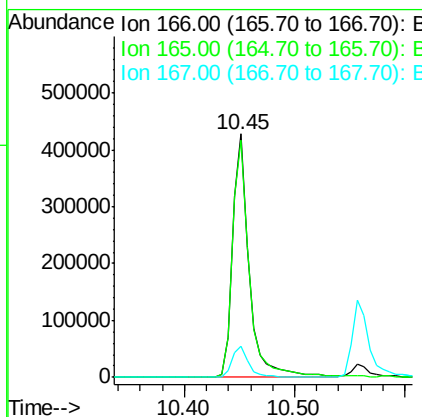
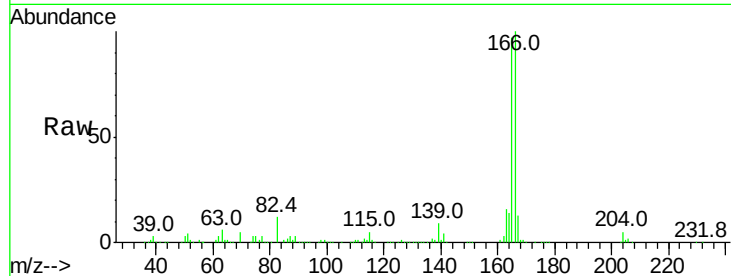




#57
 Fluorene
 Concen: 32.082 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

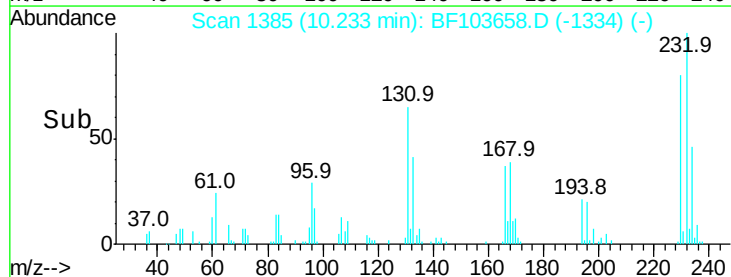
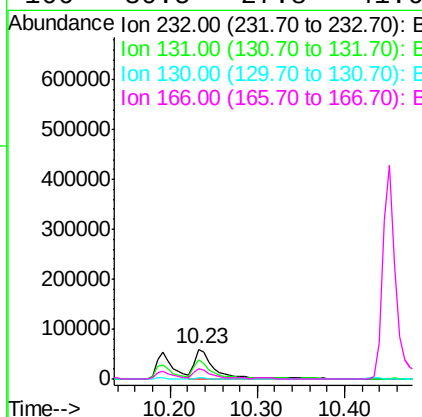
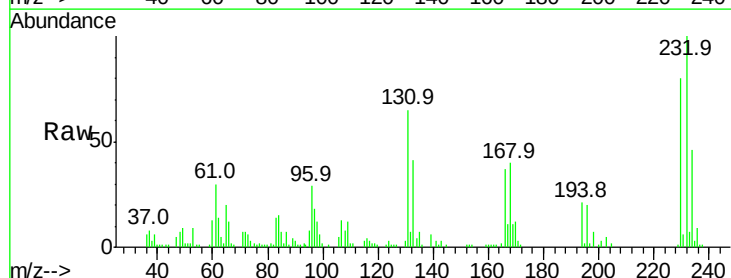
Instrument :
 BNA_F
 ClientSampleId :

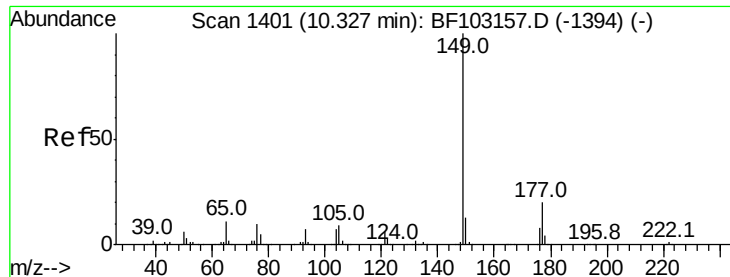
Tot Ion:166 Resp: 451428
 Ion Ratio Lower Upper
 166 100
 165 97.4 79.8 119.8
 167 12.7 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 31.980 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Tgt Ion:232 Resp: 91954
 Ion Ratio Lower Upper
 232 100
 131 65.9 43.8 65.8#
 130 2.8 2.1 3.1
 166 30.5 27.8 41.6

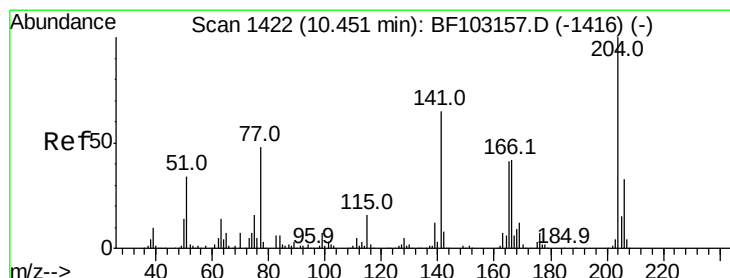
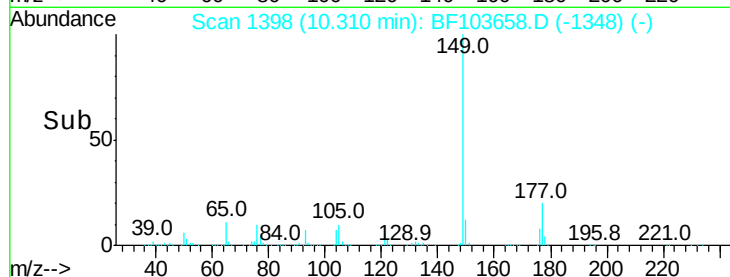
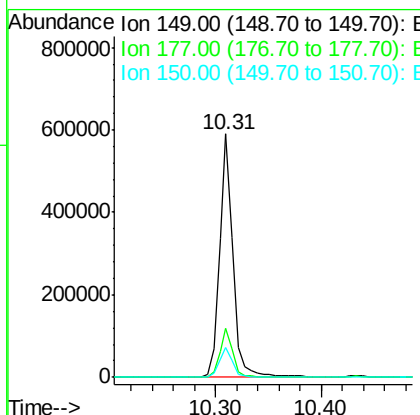
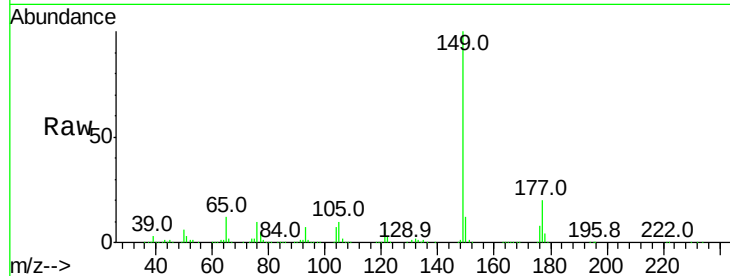




#59
Diethylphthalate
Concen: 34.349 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

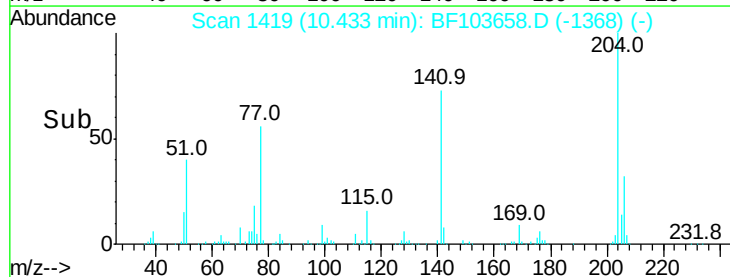
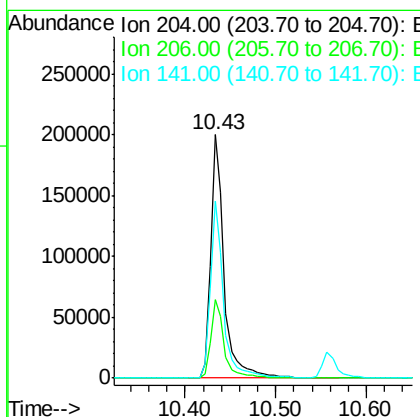
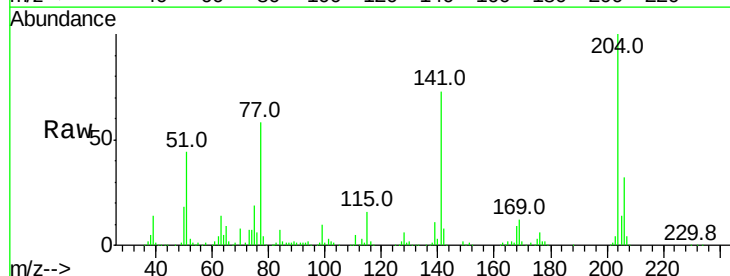
Instrument :
BNA_F
ClientSampleId :

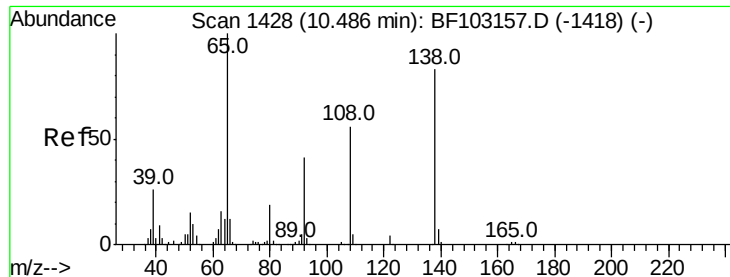
Tot Ion	Ratio	Lower	Upper
149	100		
177	19.9	16.1	24.1
150	12.4	10.1	15.1



#60
4-Chlorophenyl-phenylether
Concen: 35.020 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.5	39.7
141	72.7	54.6	81.8

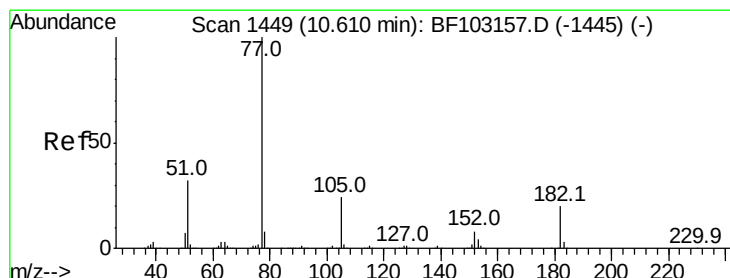
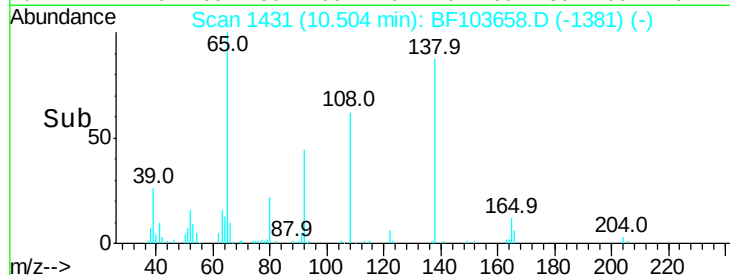
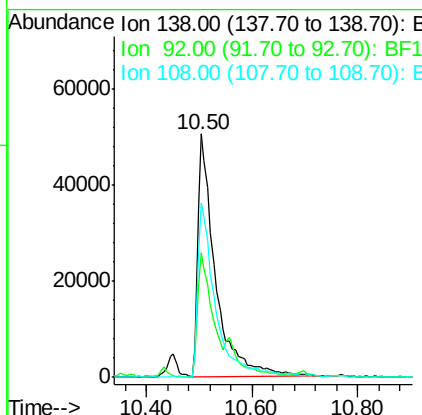
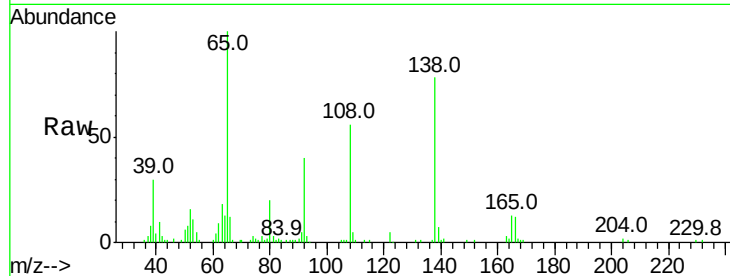




#61
4-Nitroaniline
Concen: 27.303 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.01 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

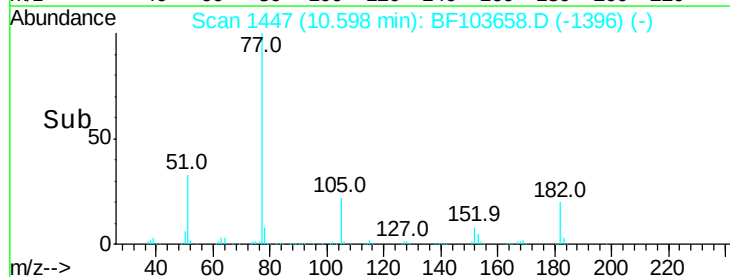
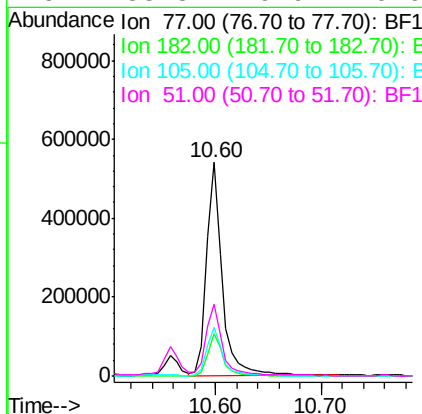
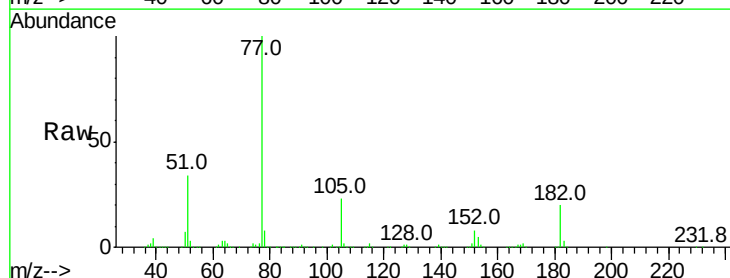
Instrument :
BNA_F
ClientSampleId :

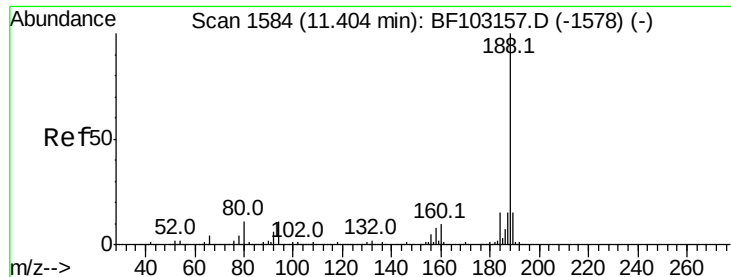
Tot Ion:138 Resp: 117838
Ion Ratio Lower Upper
138 100
92 51.3 30.2 70.2
108 71.9 52.5 92.5



#62
Azobenzene
Concen: 35.192 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion: 77 Resp: 556023
Ion Ratio Lower Upper
77 100
182 19.7 1.7 41.7
105 23.0 3.0 43.0
51 33.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

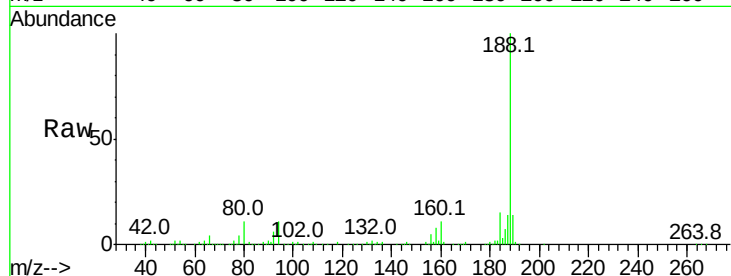
Tot Ion:188 Resp: 305893

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

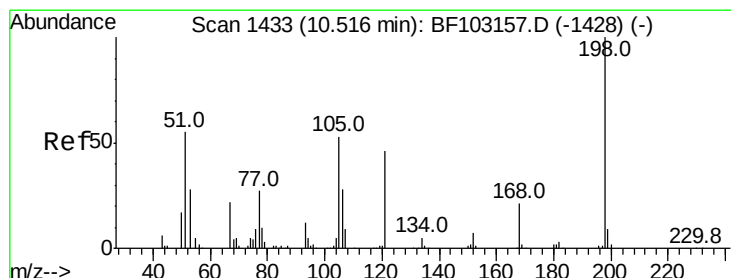
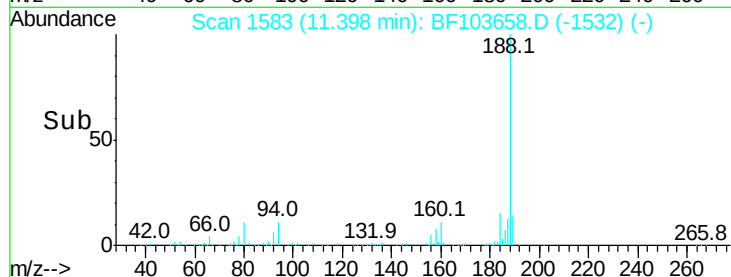
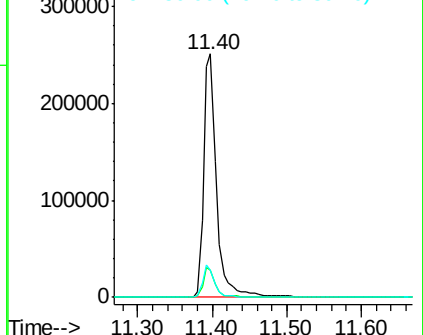
80 11.5 9.2 13.8



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: 12.953 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

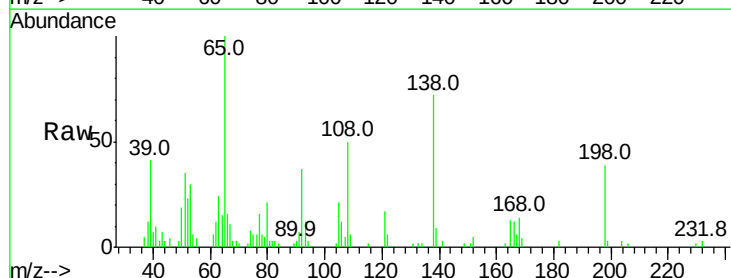
Tgt Ion:198 Resp: 16616

Ion Ratio Lower Upper

198 100

51 88.3 37.7 77.7#

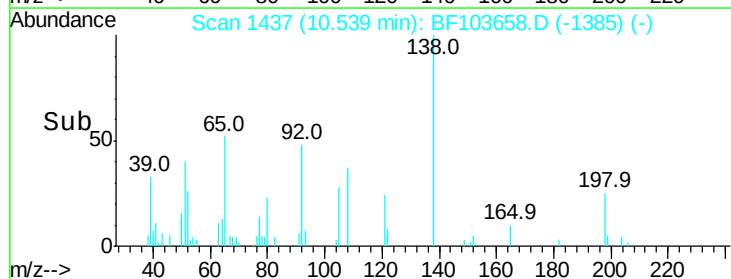
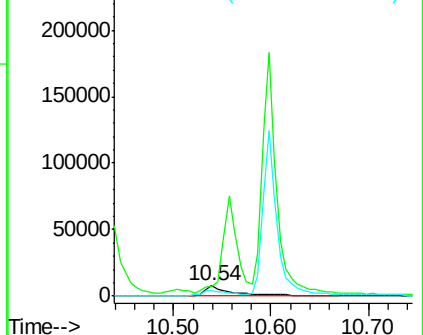
105 52.2 36.3 76.3

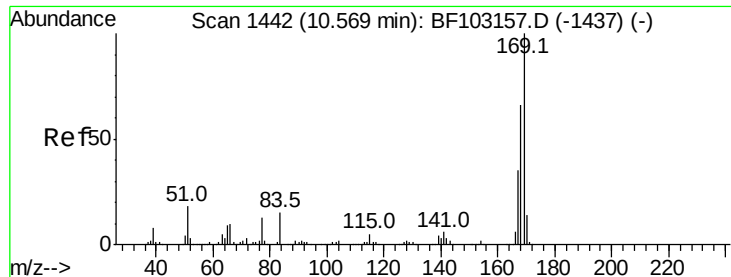


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.320 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

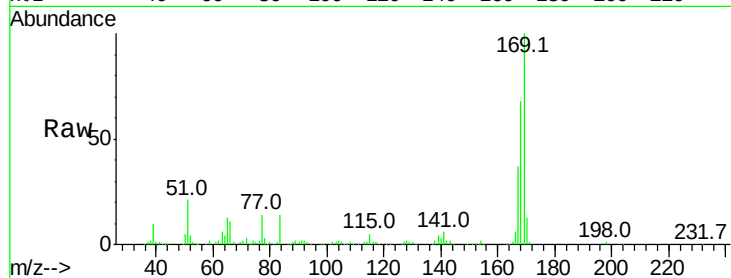
Tot Ion:169 Resp: 397482

Ion Ratio Lower Upper

169 100

168 67.8 54.4 81.6

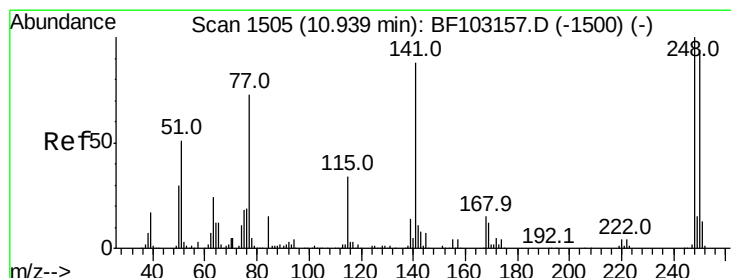
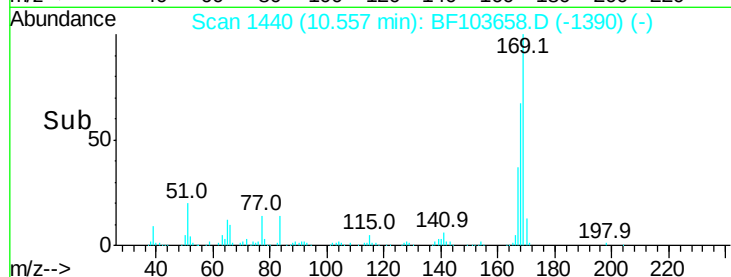
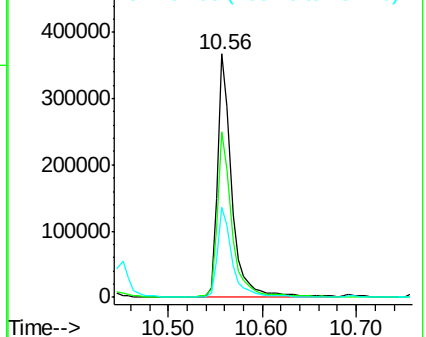
167 37.1 29.8 44.6



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: 34.896 ng

RT: 10.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

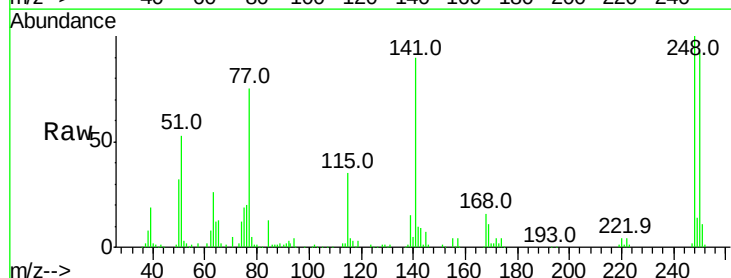
Tgt Ion:248 Resp: 111197

Ion Ratio Lower Upper

248 100

250 92.1 76.9 115.3

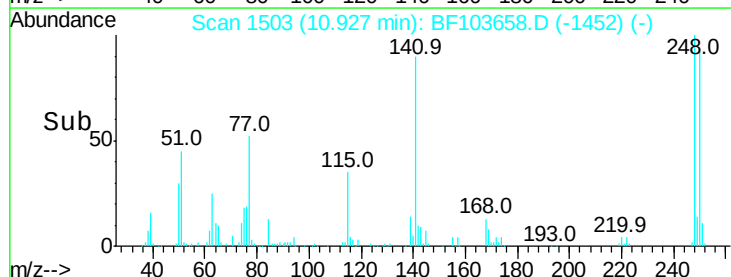
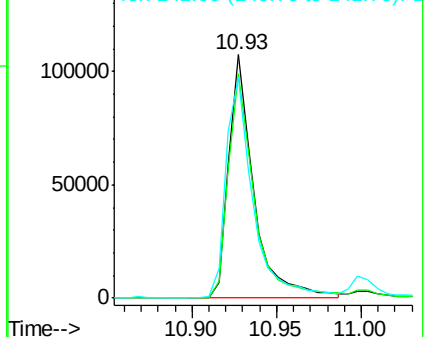
141 90.4 74.4 111.6

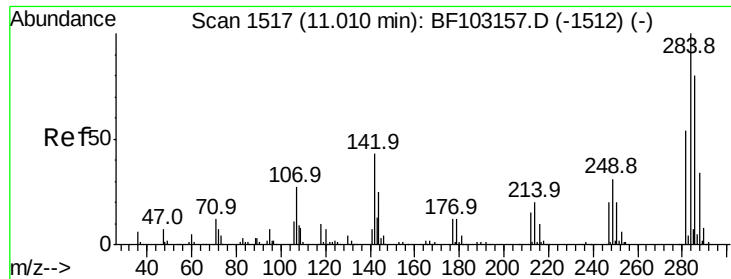


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

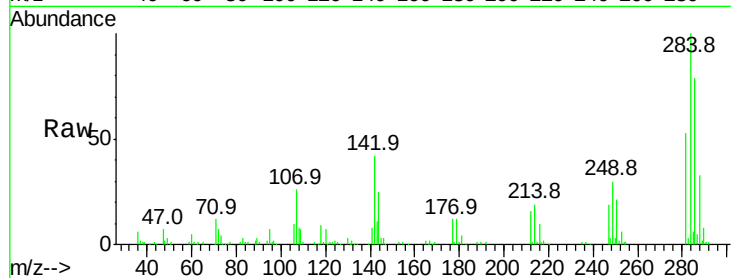




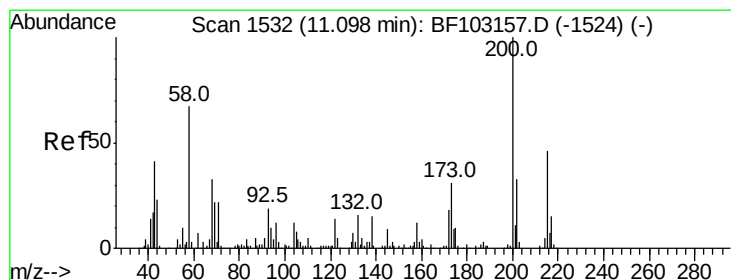
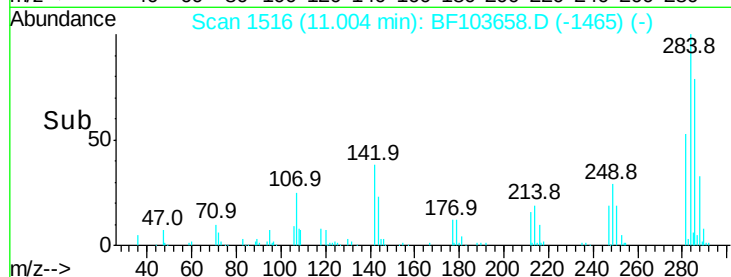
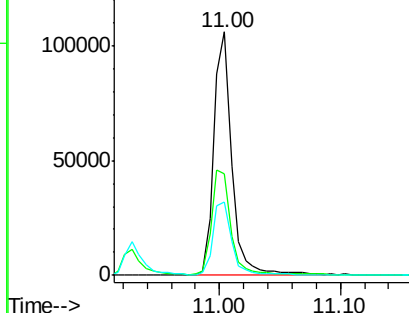
#67
Hexachlorobenzene
Concen: 31.295 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 108239
Ion Ratio Lower Upper
284 100
142 41.5 34.6 52.0
249 30.0 24.8 37.2

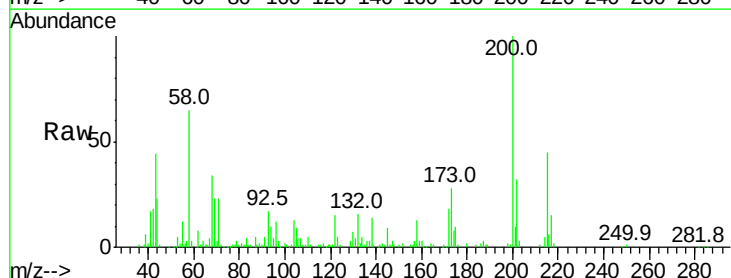


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

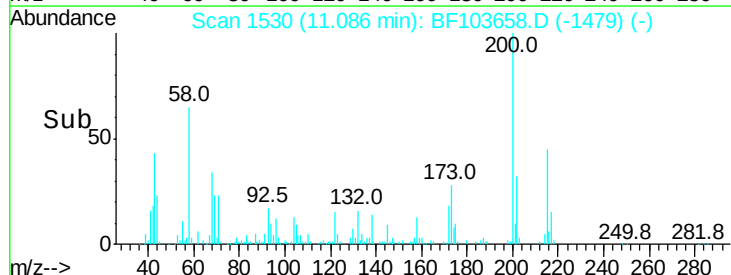
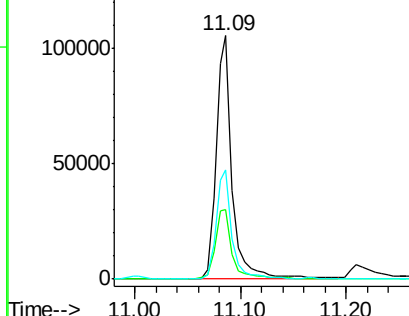


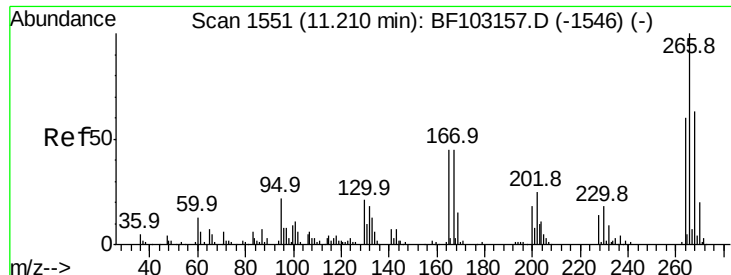
#68
Atrazine
Concen: 35.401 ng
RT: 11.09 min Scan# 1530
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion:200 Resp: 113330
Ion Ratio Lower Upper
200 100
173 28.4 8.6 48.6
215 45.0 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

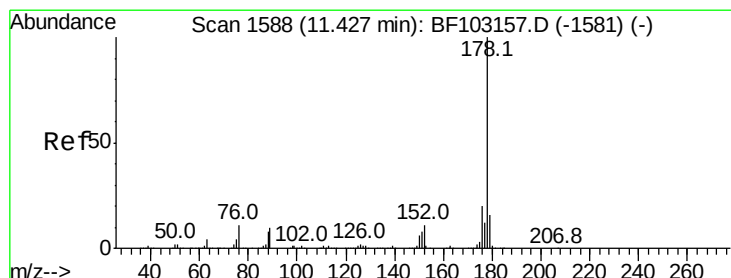
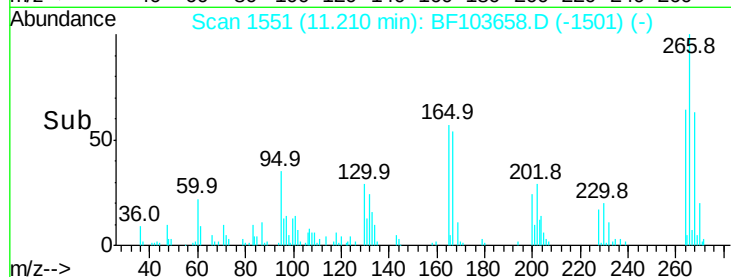
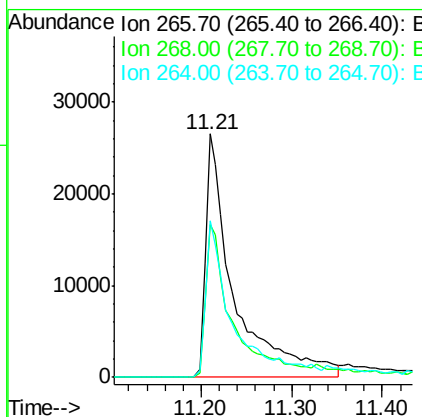
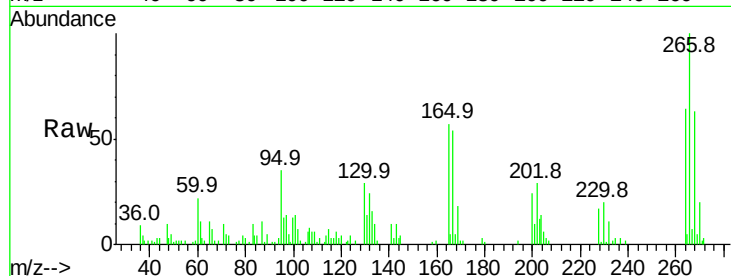




#69
 Pentachlorophenol
 Concen: 34.896 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

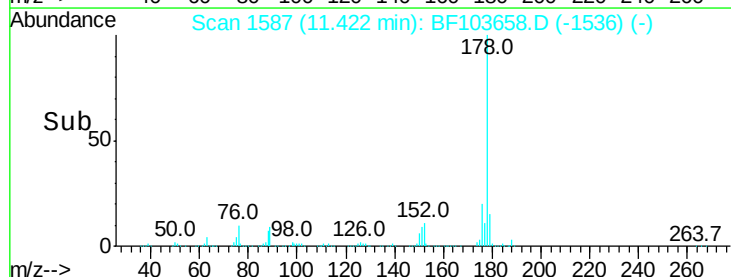
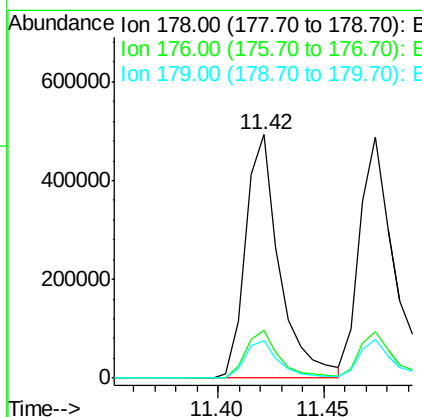
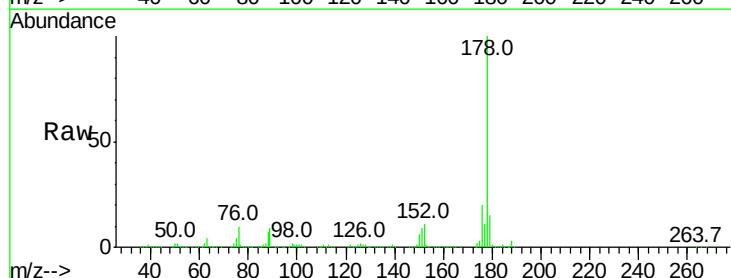
Instrument :
 BNA_F
 ClientSampleId :

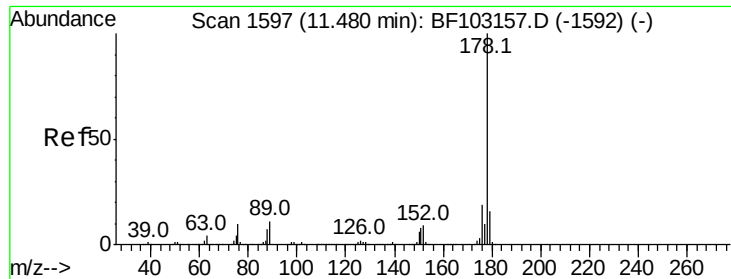
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.7	51.1	76.7
264	64.3	49.5	74.3



#70
 Phenanthrene
 Concen: 32.687 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.2	13.0	19.6

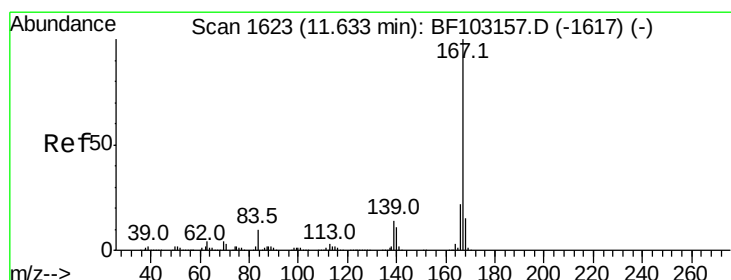
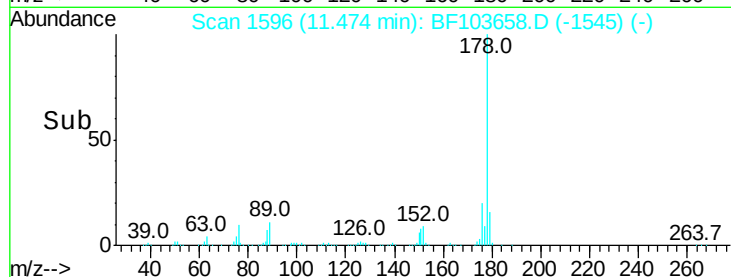
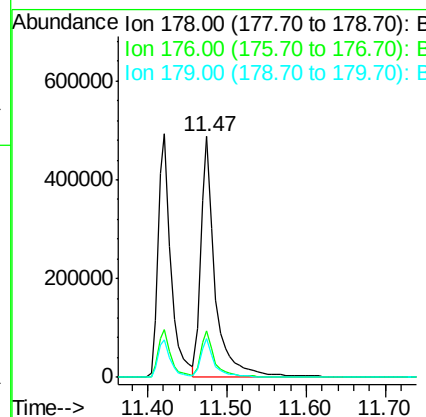
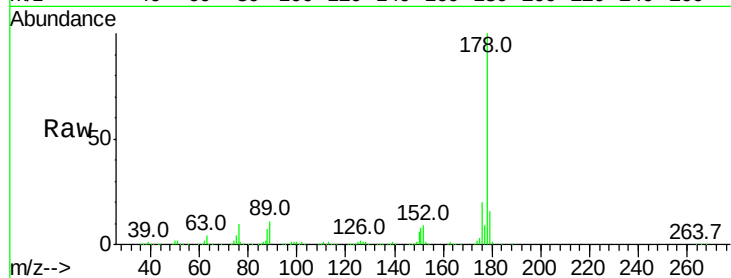




#71
 Anthracene
 Concen: 35.623 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

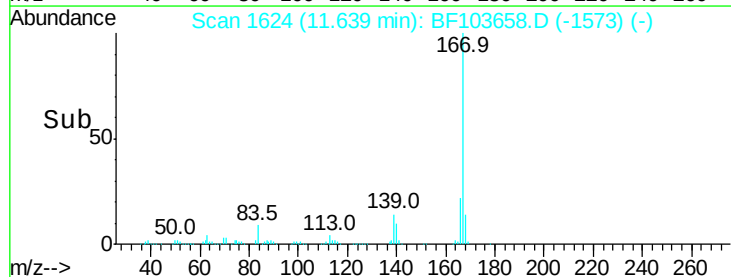
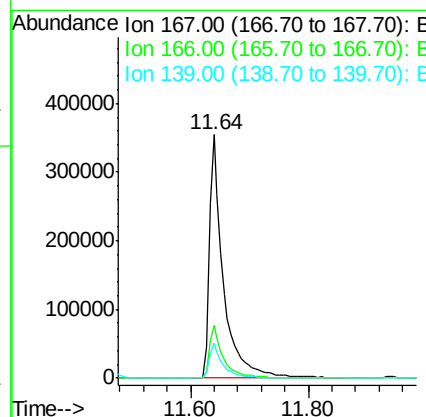
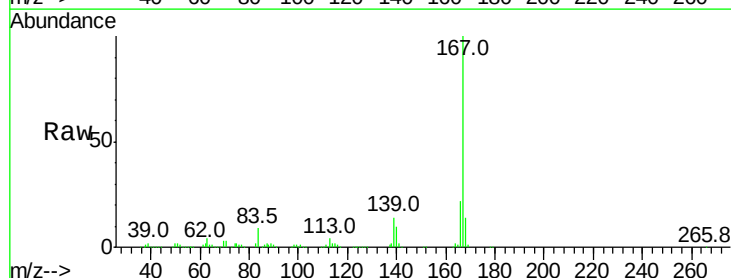
Instrument :
 BNA_F
 ClientSampleId :

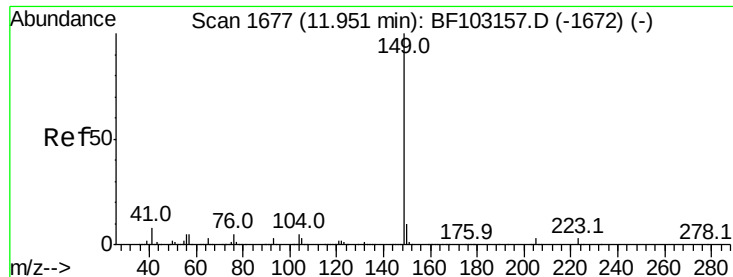
Tot Ion:178 Resp: 614937
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.9 12.6 19.0



#72
 Carbazole
 Concen: 33.807 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Tgt Ion:167 Resp: 581152
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.6 26.4
 139 14.2 10.9 16.3





#73

Di-n-butylphthalate

Concen: 36.260 ng

RT: 11.94 min Scan# 1675

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampled :

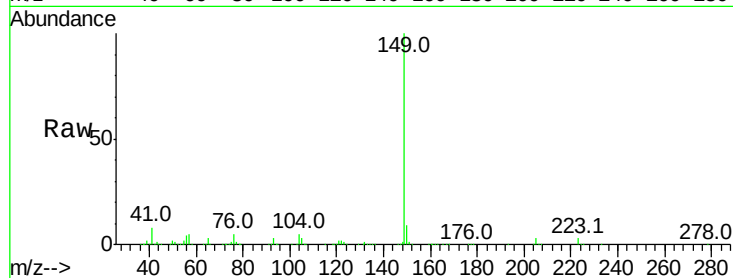
Tot Ion:149 Resp: 779975

Ion Ratio Lower Upper

149 100

150 8.9 7.8 11.6

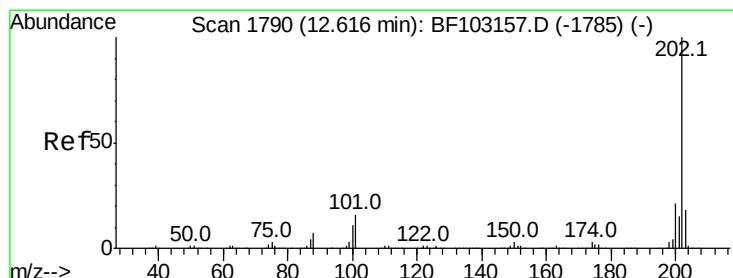
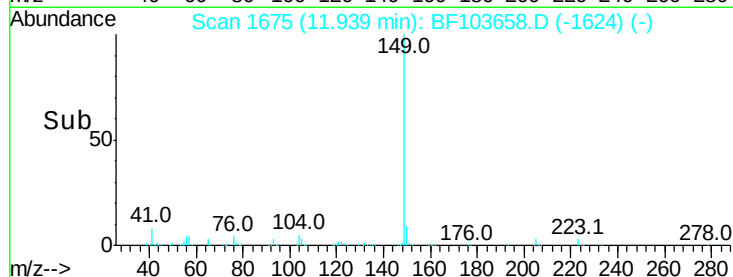
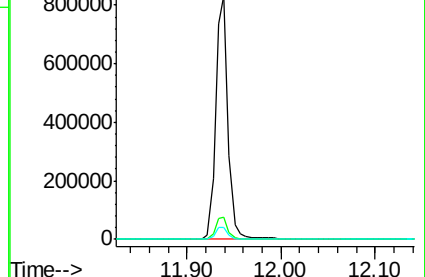
104 4.9 3.8 5.8



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: 30.549 ng

RT: 12.62 min Scan# 1790

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

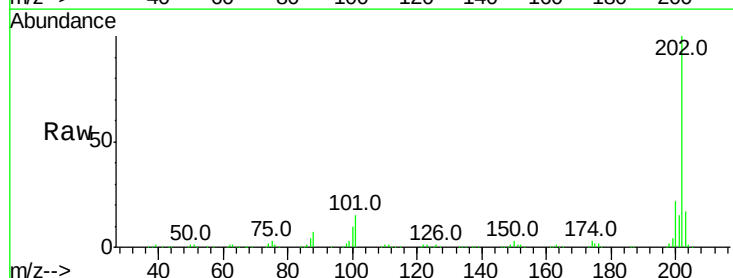
Tgt Ion:202 Resp: 516786

Ion Ratio Lower Upper

202 100

101 14.5 0.0 34.1

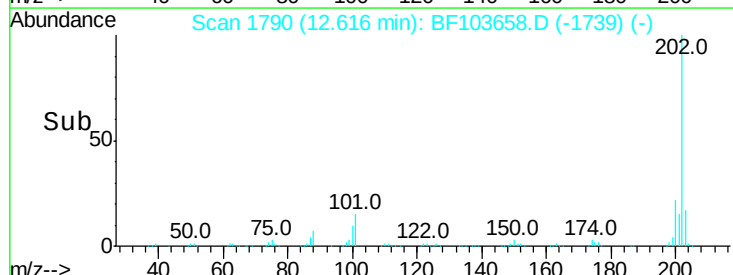
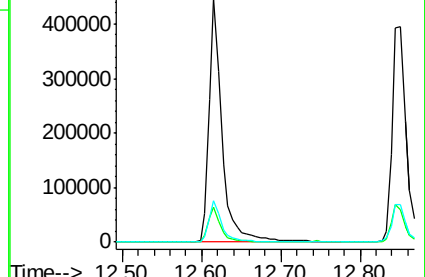
203 17.1 0.0 38.1

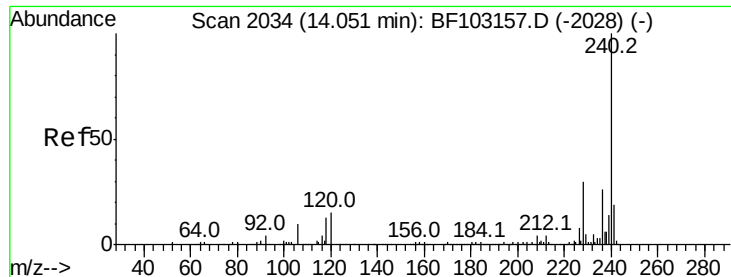


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampled :

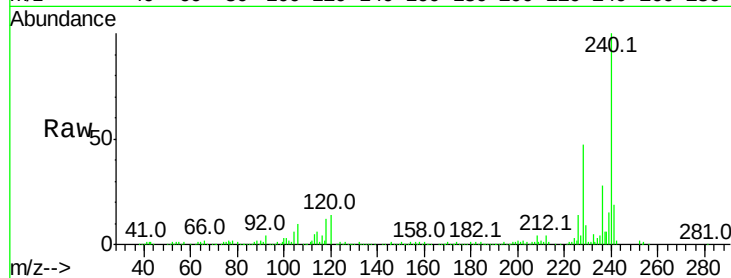
Tot Ion:240 Resp: 189079

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

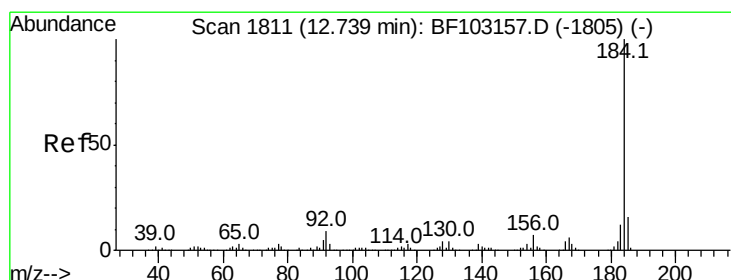
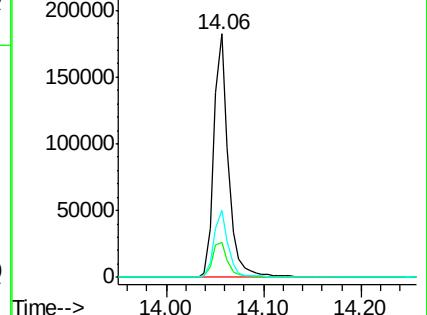
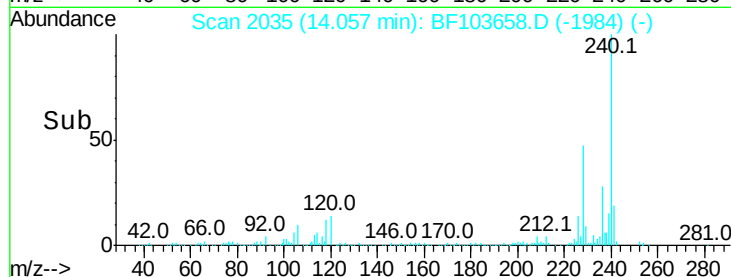
236 27.5 20.7 31.1



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: 58.511 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

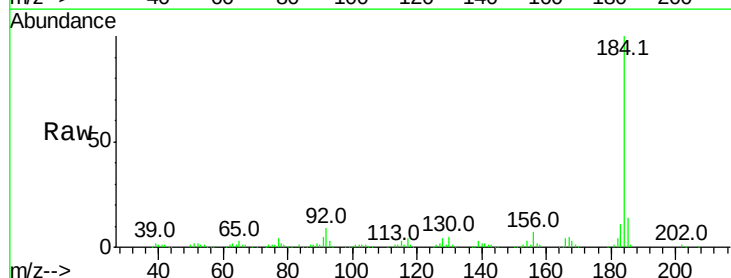
Tgt Ion:184 Resp: 413602

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

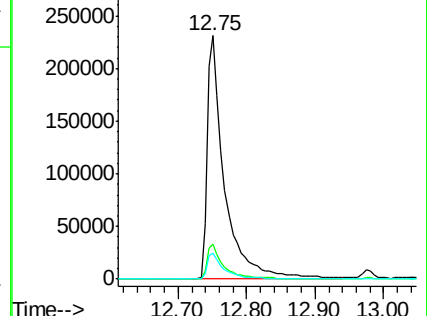
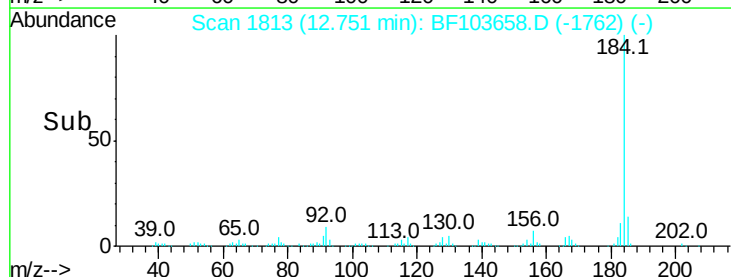
183 10.6 9.3 13.9

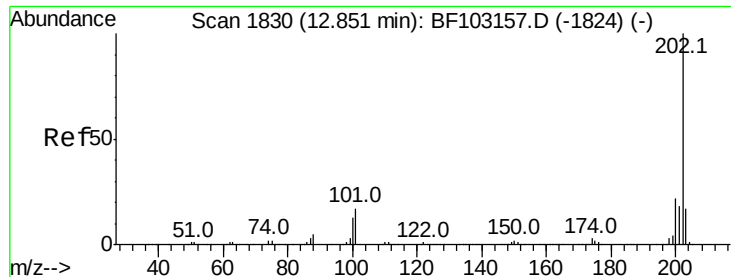


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

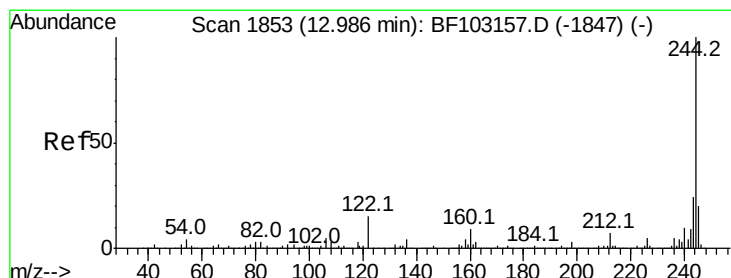
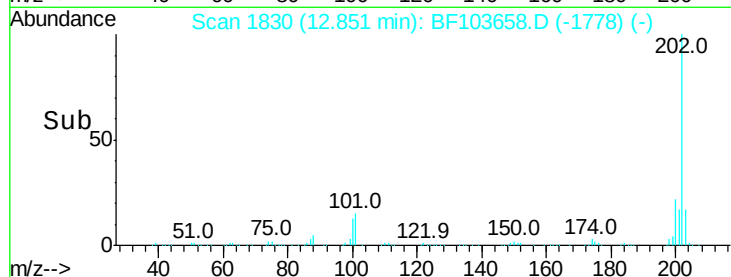
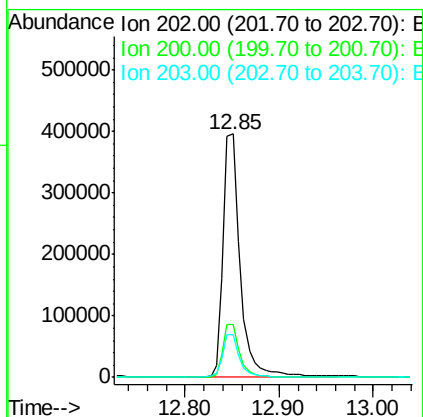
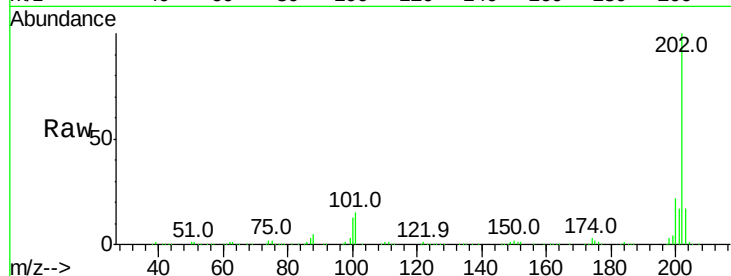




#77
 Pvrene
 Concen: 34.124 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.01 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

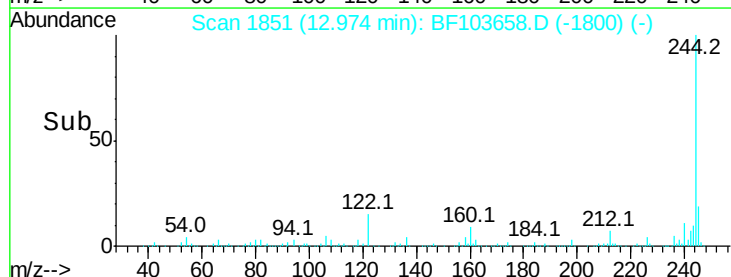
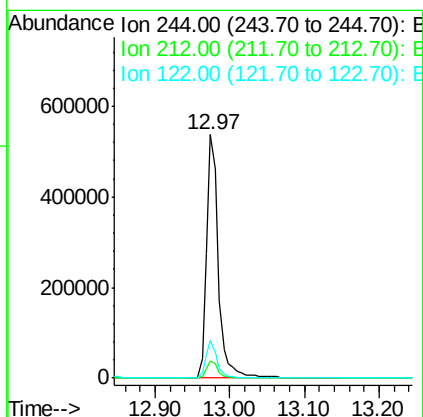
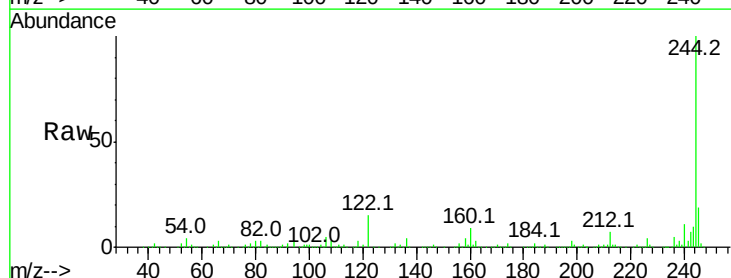
Instrument :
 BNA_F
 ClientSampled :

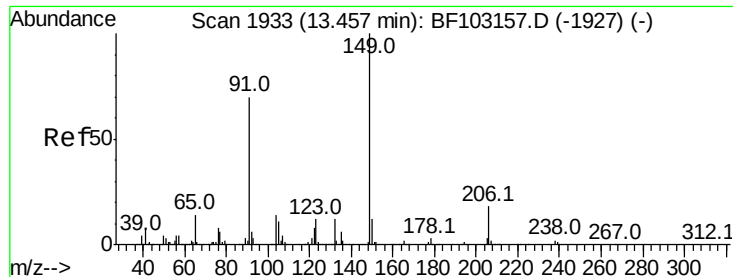
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.3	14.3	21.5



#78
 Terphenyl-d14
 Concen: 75.823 ng
 RT: 12.97 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	15.3	11.0	16.4

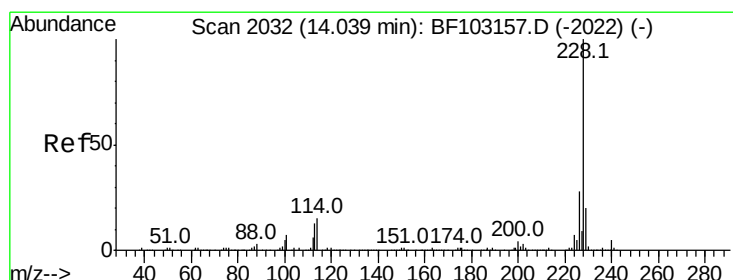
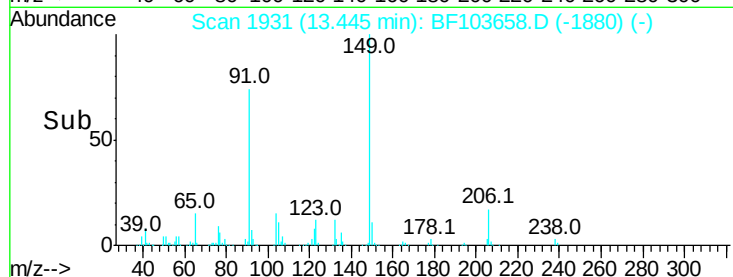
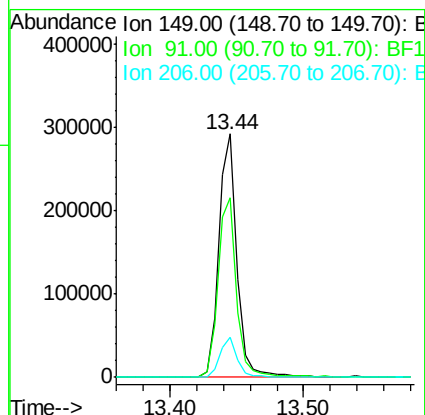
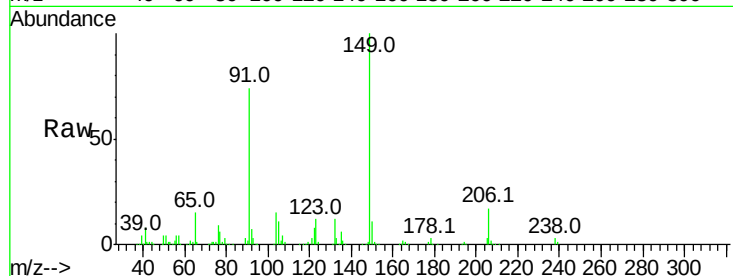




#79
Butylbenzylphthalate
Concen: 35.904 ng
RT: 13.44 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

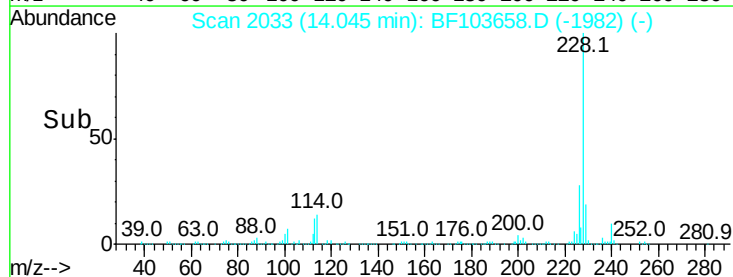
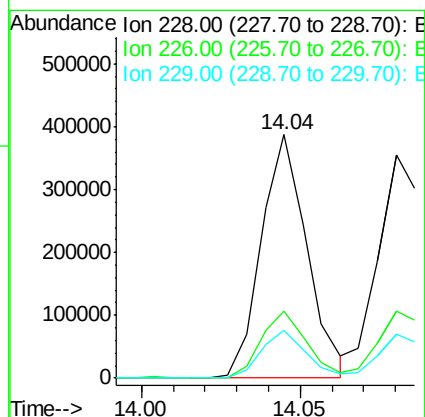
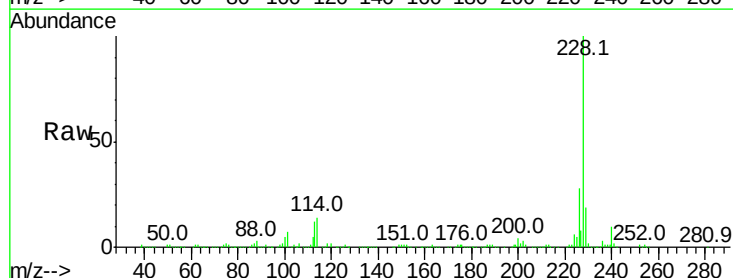
Instrument :
BNA_F
ClientSampleId :

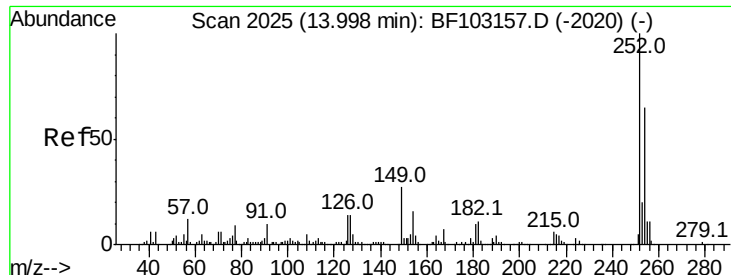
Tot Ion	Ratio	Lower	Upper
149	100		
91	73.9	56.8	85.2
206	16.5	14.1	21.1



#80
Benzo(a)anthracene
Concen: 31.669 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.6	33.8
229	19.4	15.8	23.6

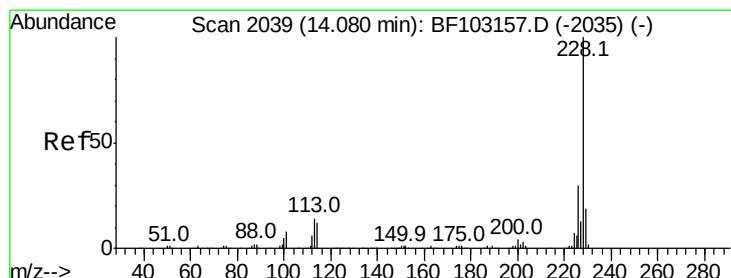
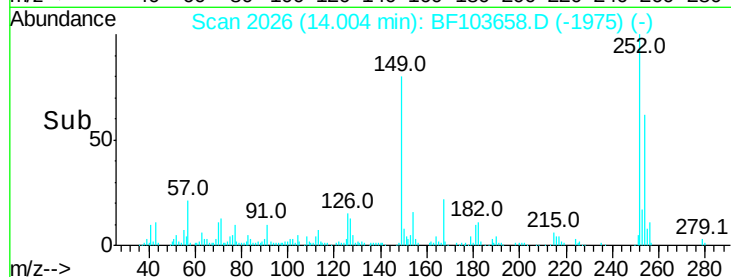
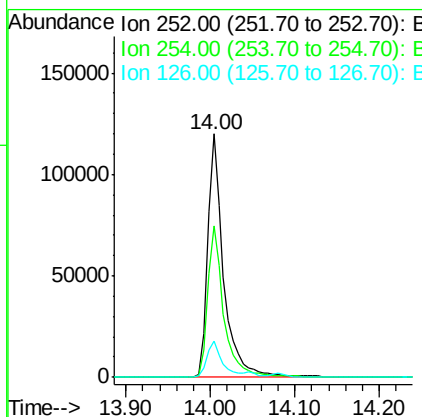
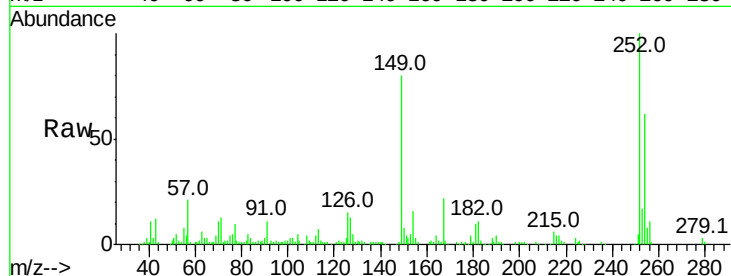




#81
 3,3'-Dichlorobenzidine
 Concen: 36.240 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

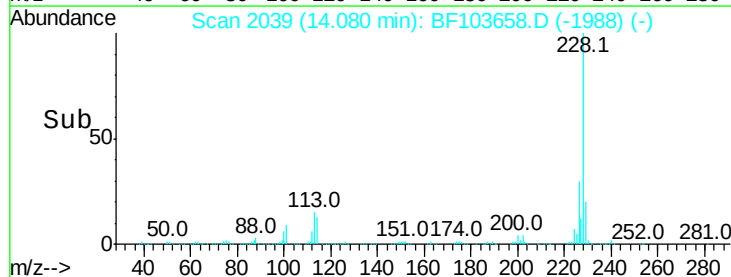
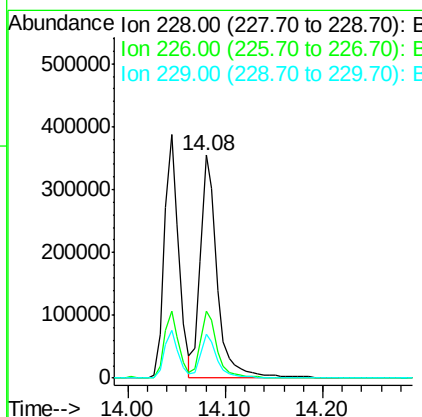
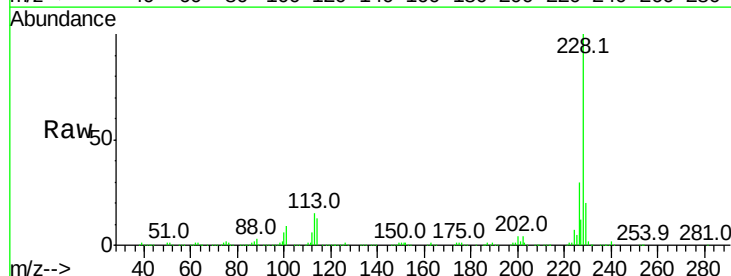
Instrument :
 BNA_F
 ClientSampleId :

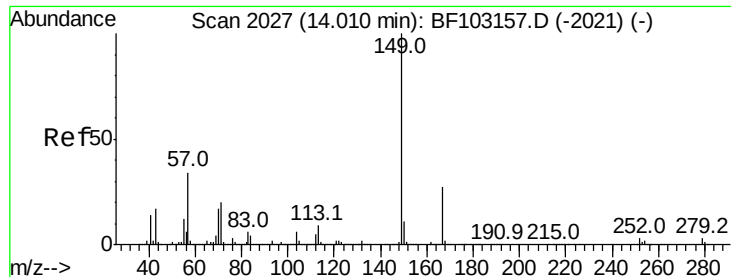
Tot Ion:252 Resp: 158666
 Ion Ratio Lower Upper
 252 100
 254 62.2 50.4 75.6
 126 15.0 11.3 16.9



#82
 Chrysene
 Concen: 35.454 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BF103658.D
 Acq: 14 Mar 2018 23:06

Tgt Ion:228 Resp: 422330
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.0 37.6
 229 19.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.431 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

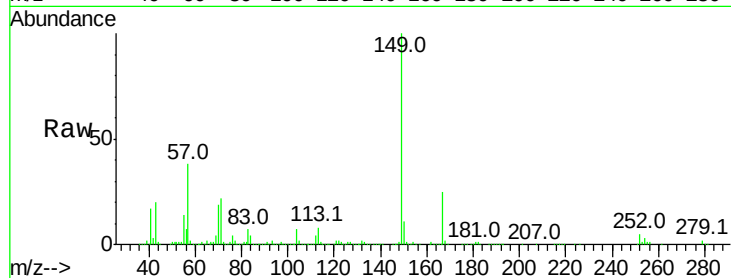
Tot Ion:149 Resp: 372394

Ion Ratio Lower Upper

149 100

167 25.5 21.3 31.9

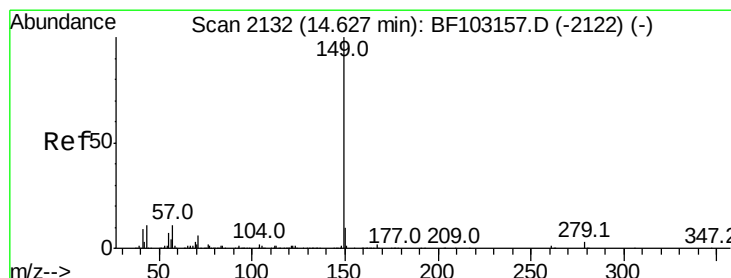
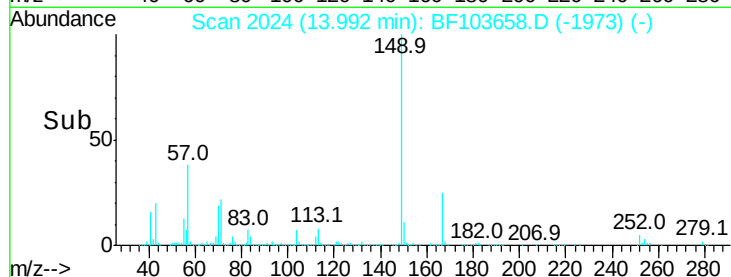
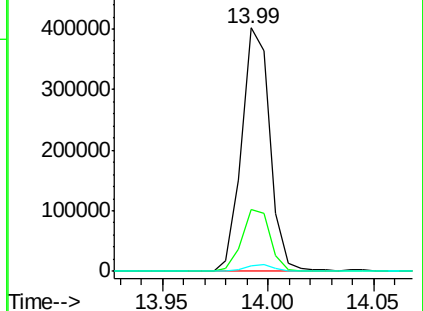
279 2.4 3.0 4.4#



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: 37.069 ng

RT: 14.62 min Scan# 2130

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

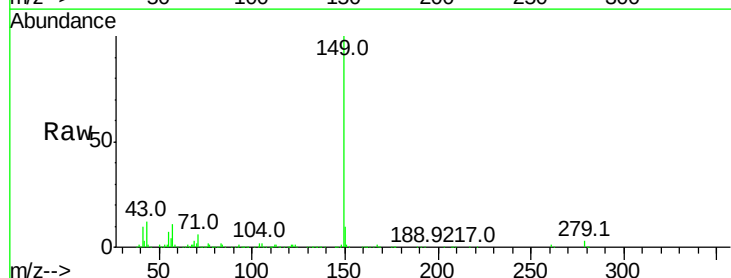
Tgt Ion:149 Resp: 629501

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

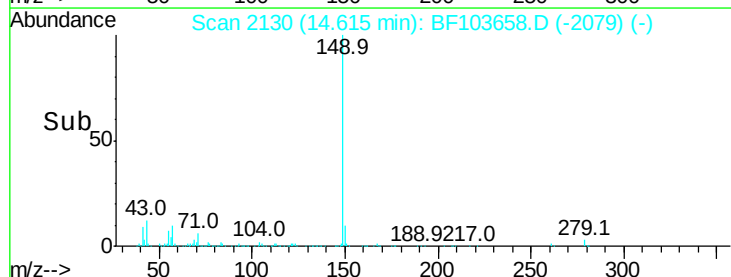
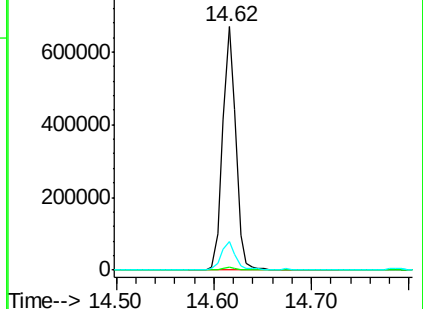
43 12.0 8.4 12.6

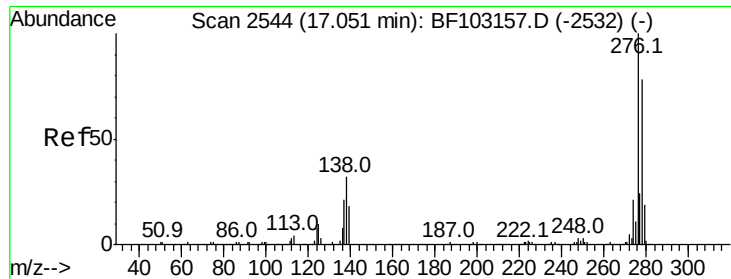


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.595 ng

RT: 17.12 min Scan# 2555

Delta R.T. 0.01 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :

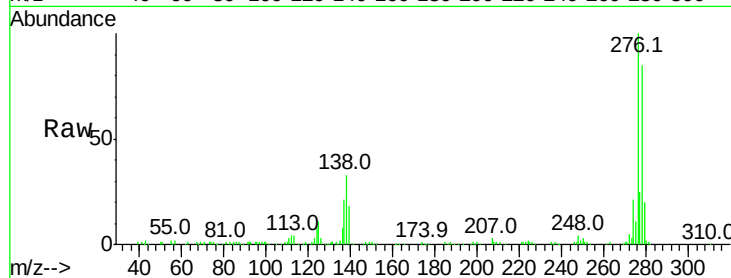
Tot Ion:276 Resp: 354538

Ion Ratio Lower Upper

276 100

138 33.9 25.0 37.6

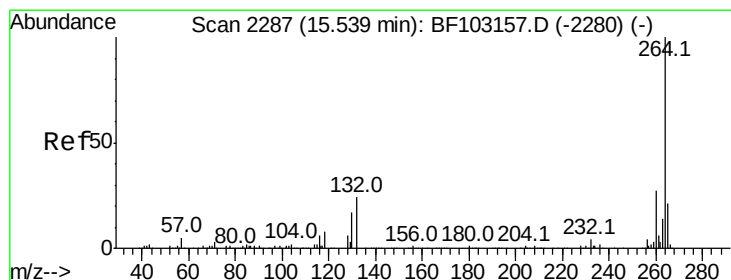
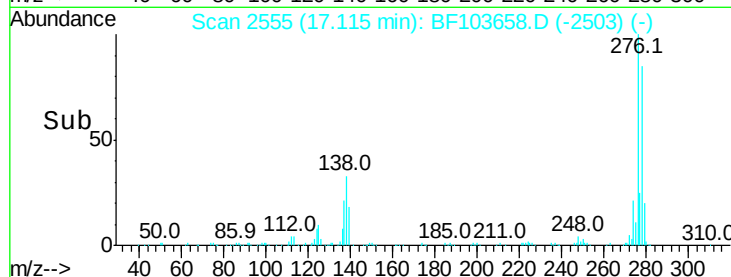
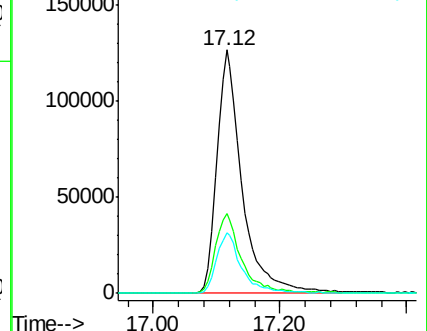
277 24.9 20.1 30.1



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: 15.57 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

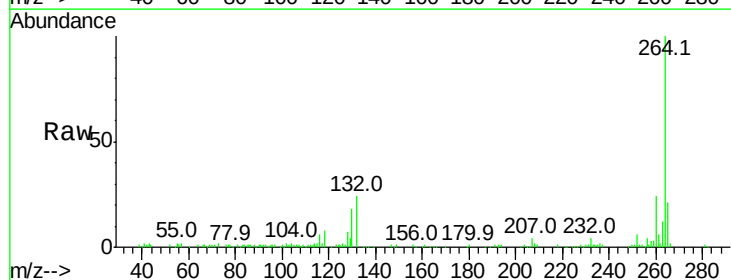
Tgt Ion:264 Resp: 183337

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

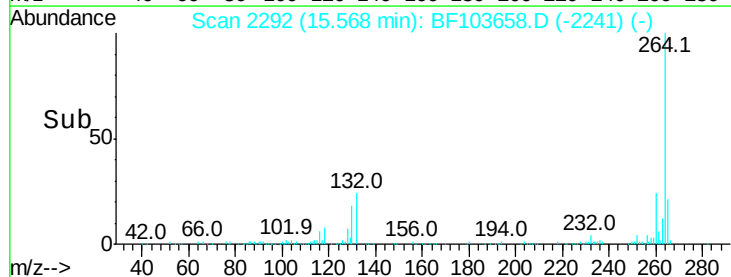
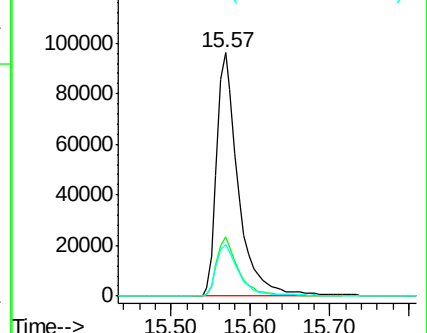
265 21.1 17.5 26.3

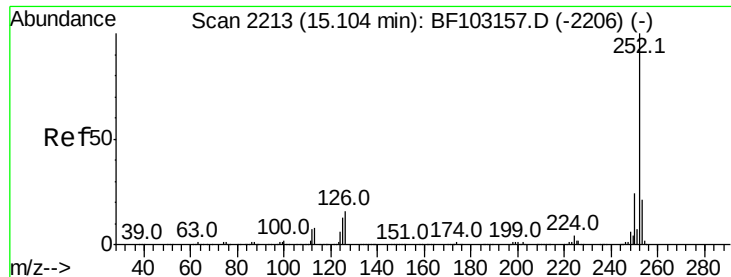


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

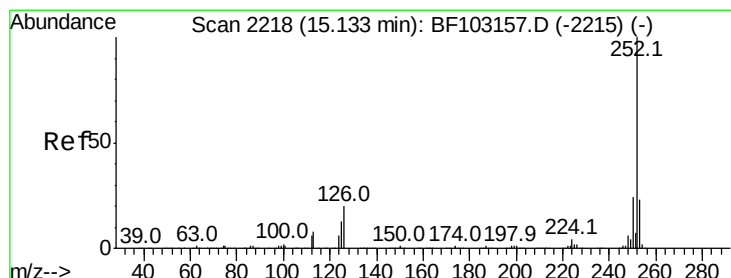
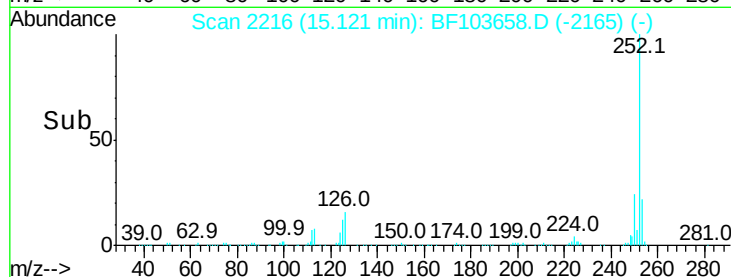
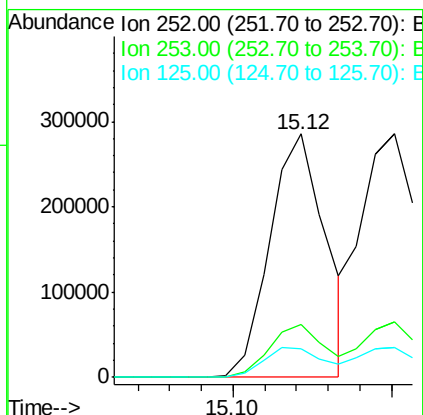
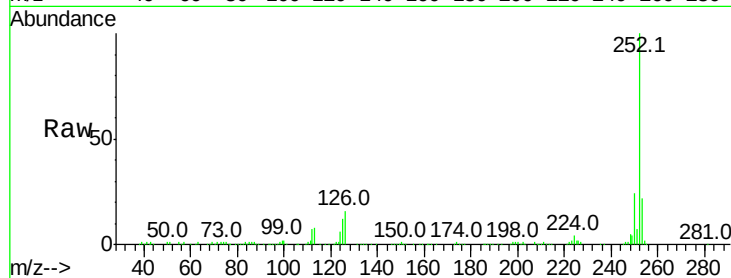




#87
Benzo(b)fluoranthene
Concen: 28.950 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

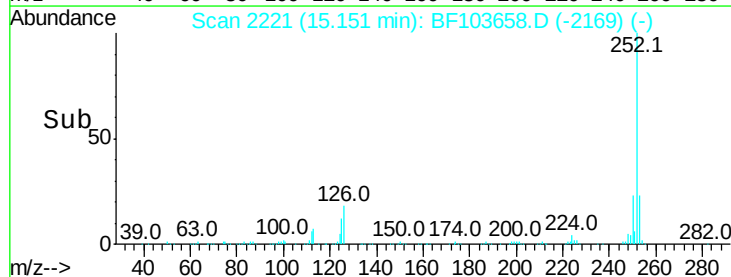
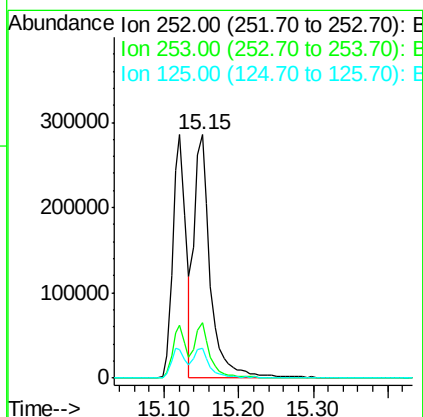
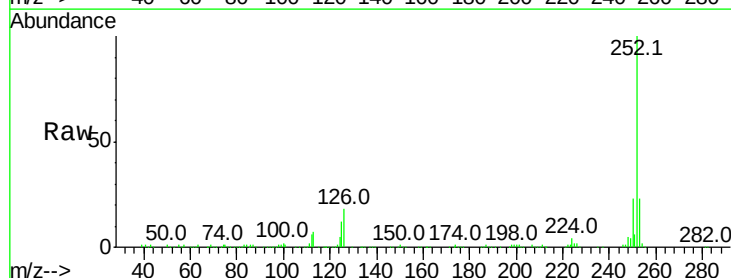
Instrument :
BNA_F
ClientSampleId :

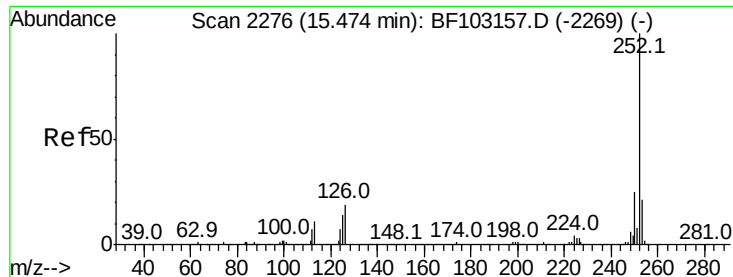
Tot Ion:252 Resp: 348966
Ion Ratio Lower Upper
252 100
253 21.9 17.0 25.6
125 11.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 37.803 ng
RT: 15.15 min Scan# 2221
Delta R.T. 0.01 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion:252 Resp: 429106
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 12.1 10.2 15.2

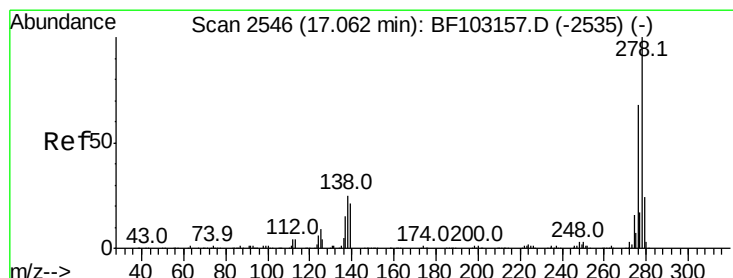
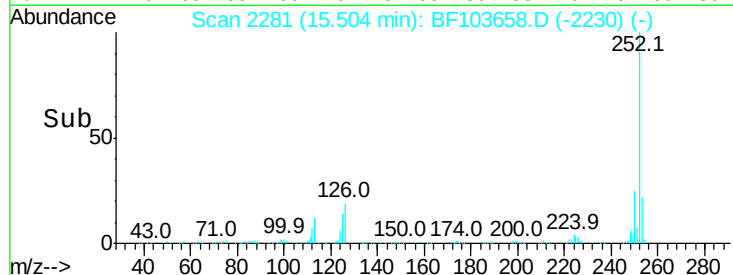
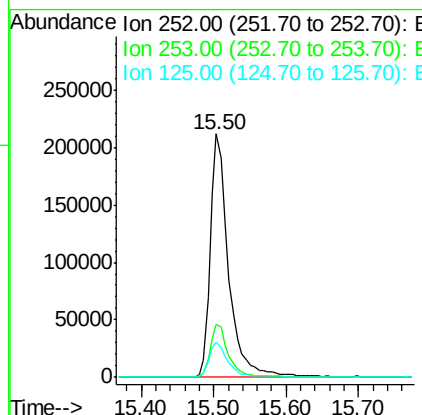
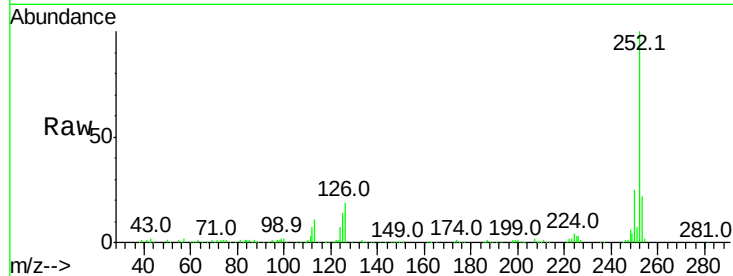




#89
Benzo(a)pyrene
Concen: 34.613 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

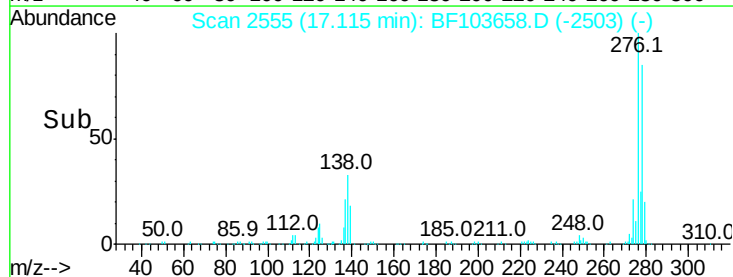
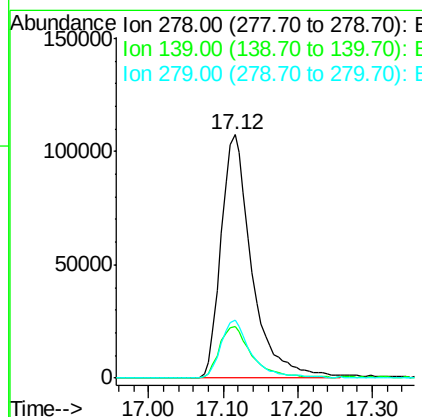
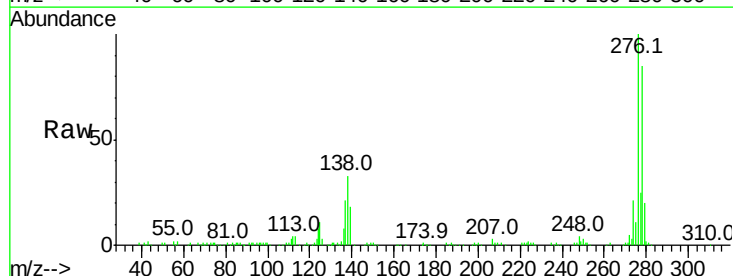
Instrument :
BNA_F
ClientSampleId :

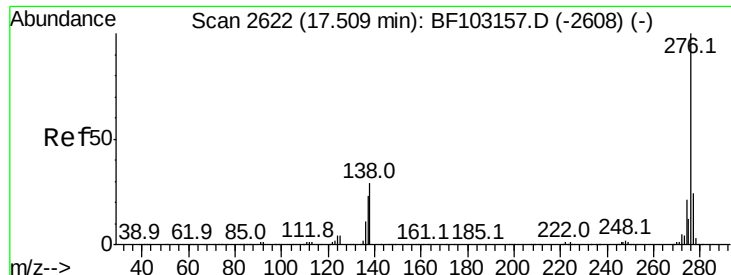
Tot Ion:252 Resp: 372588
Ion Ratio Lower Upper
252 100
253 21.5 17.1 25.7
125 14.3 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 37.207 ng
RT: 17.12 min Scan# 2555
Delta R.T. 0.01 min
Lab File: BF103658.D
Acq: 14 Mar 2018 23:06

Tgt Ion:278 Resp: 309484
Ion Ratio Lower Upper
278 100
139 21.0 15.9 23.9
279 23.6 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 35.374 ng

RT: 17.59 min Scan# 2636

Delta R.T. 0.01 min

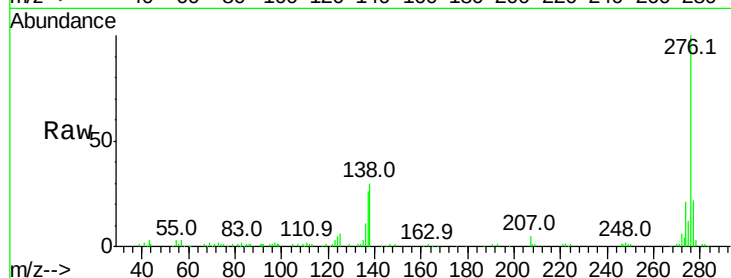
Lab File: BF103658.D

Acq: 14 Mar 2018 23:06

Instrument :

BNA_F

ClientSampleId :



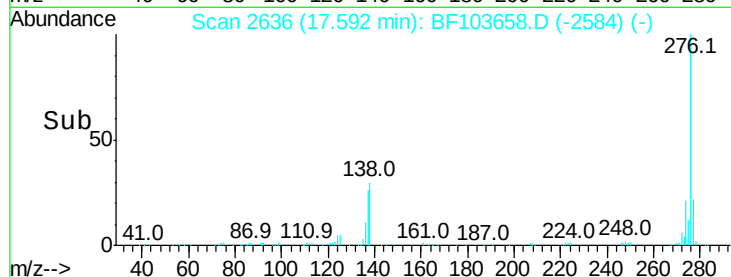
Tot Ion:276 Resp: 287569

Ion Ratio Lower Upper

276 100

277 21.5 17.9 26.9

138 30.0 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

