

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
 Data File : BF103867.D
 Acq On : 23 Mar 2018 9:30
 Operator : JU/SJ
 Sample : PB107555BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 23 13:26:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	144007	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	599770	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	281822	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	535720	20.00	ng	0.00
75) Chrysene-d12	14.17	240	463297	20.00	ng	0.00
86) Perylene-d12	15.72	264	449453	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1051425	111.05	ng	0.01
7) Phenol-d6	6.60	99	1314116	113.45	ng	0.00
23) Nitrobenzene-d5	7.54	82	808241	93.98	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	365568	150.87	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1452383	82.21	ng	0.00
78) Terphenyl-d14	13.10	244	1547877	77.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	155255	33.302	ng	90
3) Pyridine	3.65	79	450158	35.105	ng	89
4) n-Nitrosodimethylamine	3.61	42	178496	37.753	ng	# 76
6) Aniline	6.64	93	364338	22.027	ng	96
8) 2-Chlorophenol	6.76	128	433032	43.660	ng	95
9) Benzaldehyde	6.53	77	119565	15.712	ng	94
10) Phenol	6.62	94	514205	41.776	ng	97
11) bis(2-Chloroethyl)ether	6.71	93	405007	39.859	ng	95
12) 1,3-Dichlorobenzene	6.92	146	443695	39.278	ng	99
13) 1,4-Dichlorobenzene	6.99	146	446398	39.326	ng	100
14) 1,2-Dichlorobenzene	7.15	146	418418	39.723	ng	99
15) Benzyl Alcohol	7.12	79	375853	41.878	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.25	45	537298	37.178	ng	93
17) 2-Methylphenol	7.22	107	363591	41.166	ng	99
18) Hexachloroethane	7.49	117	161403	40.423	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	283075	38.133	ng	92
20) 3+4-Methylphenols	7.37	107	446384	39.824	ng	# 84
22) Acetophenone	7.38	105	565937	36.715	ng	# 96
24) Nitrobenzene	7.56	77	440772	43.653	ng	98
25) Isophorone	7.79	82	826139	41.494	ng	99
26) 2-Nitrophenol	7.87	139	242050	60.054	ng	90
27) 2,4-Dimethylphenol	7.90	122	411645	48.262	ng	97
28) bis(2-Chloroethoxy)methane	8.00	93	524464	43.502	ng	100
29) 2,4-Dichlorophenol	8.11	162	365492	47.100	ng	99
30) 1,2,4-Trichlorobenzene	8.20	180	365693	40.631	ng	98
31) Naphthalene	8.28	128	1206472	39.821	ng	99
32) Benzoic acid	8.03	122	302689	49.821	ng	95
33) 4-Chloroaniline	8.32	127	99086	7.795	ng	96
34) Hexachlorobutadiene	8.39	225	191075	38.721	ng	98
35) Caprolactam	8.70	113	82134	30.738	ng	# 84
36) 4-Chloro-3-methylphenol	8.80	107	399241	46.669	ng	98
37) 2-Methylnaphthalene	8.97	142	813597	42.346	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	341788	42.511	ng	99
40) Hexachlorocyclopentadiene	9.12	237	383730	92.494	ng	98

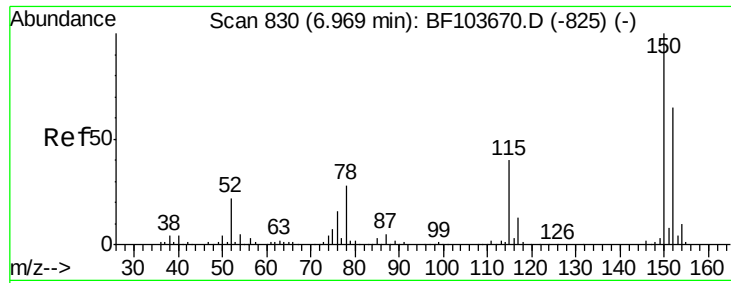
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032318\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	257489	50.069	ng	98
43) 2,4,5-Trichlorophenol	9.29	196	276911	47.707	ng	96
45) 1,1'-Biphenyl	9.43	154	959029	40.810	ng	99
46) 2-Chloronaphthalene	9.46	162	765866	41.032	ng	100
47) 2-Nitroaniline	9.56	65	242815	49.484	ng	99
48) Acenaphthylene	9.88	152	1185577	40.962	ng	99
49) Dimethylphthalate	9.73	163	939837	43.710	ng	100
50) 2,6-Dinitrotoluene	9.80	165	214032	51.171	ng	98
51) Acenaphthene	10.06	154	696015	40.499	ng	100
52) 3-Nitroaniline	9.97	138	124208	26.751	ng	98
53) 2,4-Dinitrophenol	10.08	184	210559	119.055	ng	# 21
54) Dibenzofuran	10.23	168	1062910	43.304	ng	99
55) 4-Nitrophenol	10.13	139	388699	97.577	ng	95
56) 2,4-Dinitrotoluene	10.21	165	292593	54.552	ng	# 90
57) Fluorene	10.57	166	831356	43.649	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	224539	54.594	ng	94
59) Diethylphthalate	10.43	149	914616	42.858	ng	98
60) 4-Chlorophenyl-phenylether	10.56	204	385864	44.330	ng	97
61) 4-Nitroaniline	10.59	138	238609	49.598	ng	93
62) Azobenzene	10.72	77	861237	39.694	ng	92
64) 4,6-Dinitro-2-methylphenol	10.62	198	142181	62.940	ng	# 71
65) n-Nitrosodiphenylamine	10.68	169	751462	41.210	ng	99
66) 4-Bromophenyl-phenylether	11.05	248	236501	42.997	ng	90
67) Hexachlorobenzene	11.12	284	269124	42.869	ng	# 89
68) Atrazine	11.20	200	251589	44.601	ng	99
69) Pentachlorophenol	11.32	266	295633	81.910	ng	98
70) Phenanthrene	11.54	178	1221162	41.671	ng	99
71) Anthracene	11.59	178	1263416	42.448	ng	100
72) Carbazole	11.75	167	1197317	41.388	ng	99
73) Di-n-butylphthalate	12.06	149	1445078	41.631	ng	100
74) Fluoranthene	12.73	202	1309857	43.386	ng	99
76) Benzidine	12.85	184	416640	21.085	ng	98
77) Pyrene	12.97	202	1322280	38.863	ng	100
79) Butylbenzylphthalate	13.57	149	669508	44.413	ng	99
80) Benzo(a)anthracene	14.16	228	1256999	42.862	ng	99
81) 3,3'-Dichlorobenzidine	14.12	252	239499	24.415	ng	99
82) Chrysene	14.20	228	1154264	41.289	ng	100
83) Bis(2-ethylhexyl)phthalate	14.13	149	909564	42.236	ng	98
84) Di-n-octyl phthalate	14.76	149	1606771	51.286	ng	96
85) Indeno(1,2,3-cd)pyrene	17.30	276	1071367	43.884	ng	98
87) Benzo(b)fluoranthene	15.26	252	1281941	45.146	ng	98
88) Benzo(k)fluoranthene	15.29	252	1058324	38.773	ng	98
89) Benzo(a)pyrene	15.66	252	1111750	43.167	ng	99
90) Dibenzo(a,h)anthracene	17.33	278	894210	40.097	ng	98
91) Benzo(g,h,i)perylene	17.79	276	871677	40.178	ng	98

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

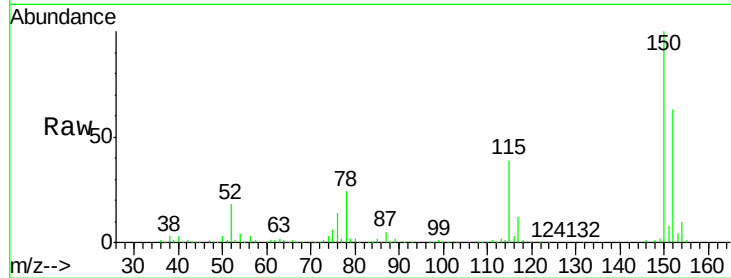


#1

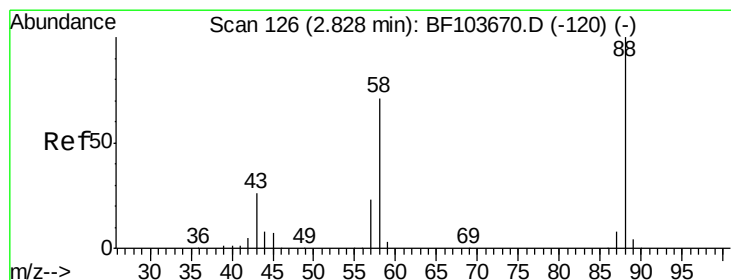
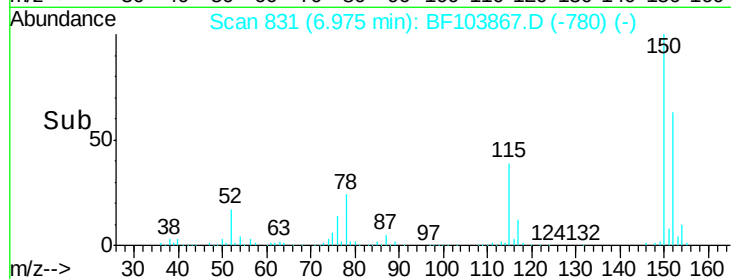
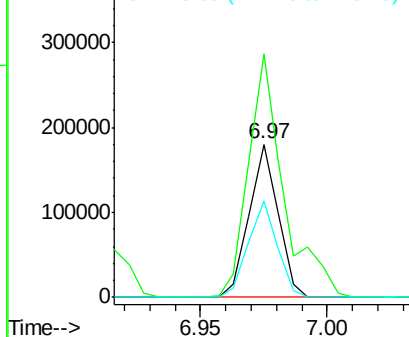
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	62.8	50.1	75.1



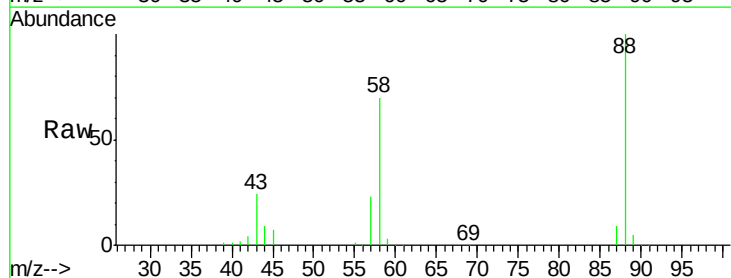
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



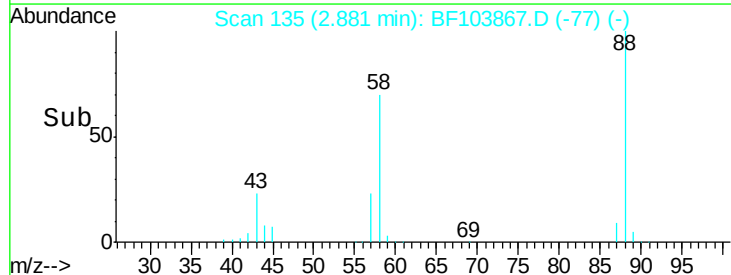
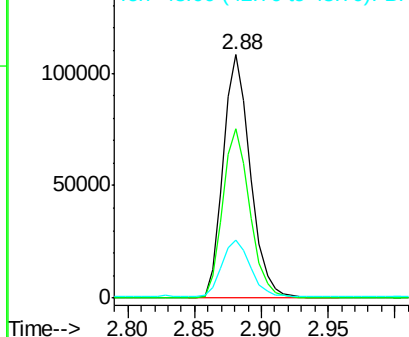
#2

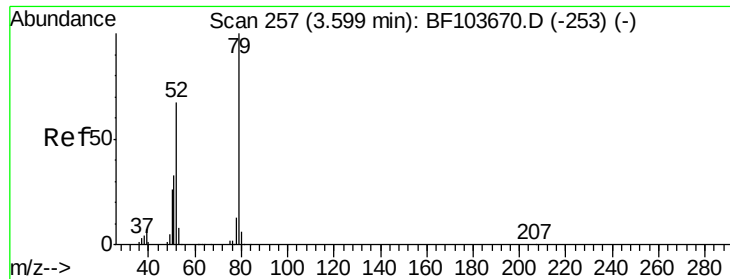
1,4-Dioxane
Concen: 33.302 ng
RT: 2.88 min Scan# 135
Delta R.T. 0.04 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.8	62.6	93.8
43	24.9	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: 35.105 ng

RT: 3.65 min Scan# 266

Delta R.T. 0.04 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampled :

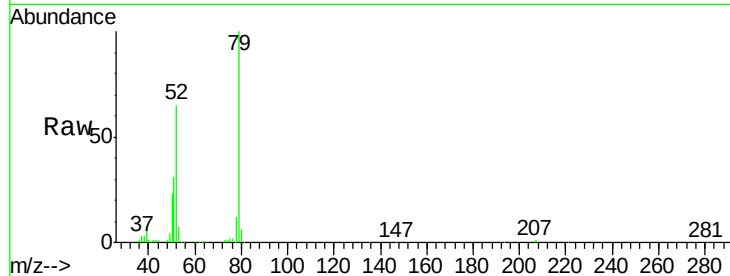
Tot Ion: 79 Resp: 450158

Ion Ratio Lower Upper

79 100

52 64.8 59.8 89.6

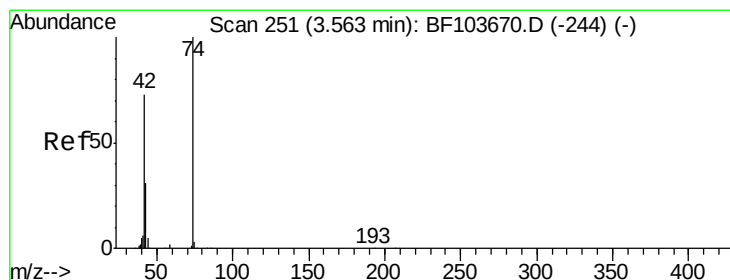
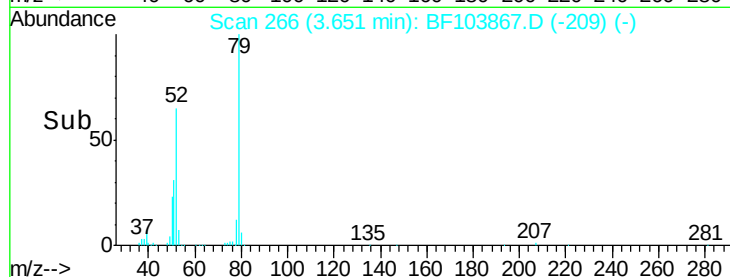
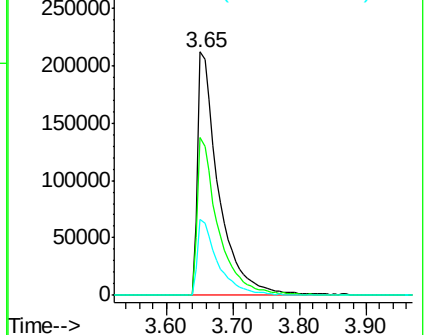
51 31.0 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 37.753 ng

RT: 3.61 min Scan# 259

Delta R.T. 0.03 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

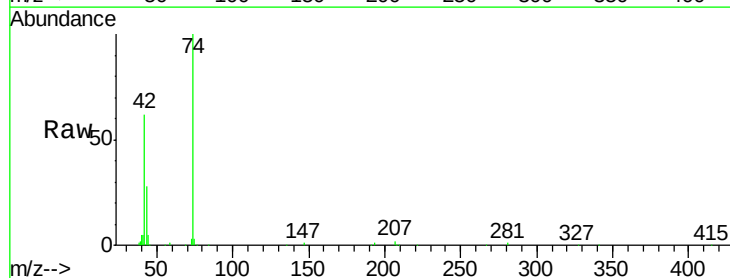
Tgt Ion: 42 Resp: 178496

Ion Ratio Lower Upper

42 100

74 160.9 104.9 157.3#

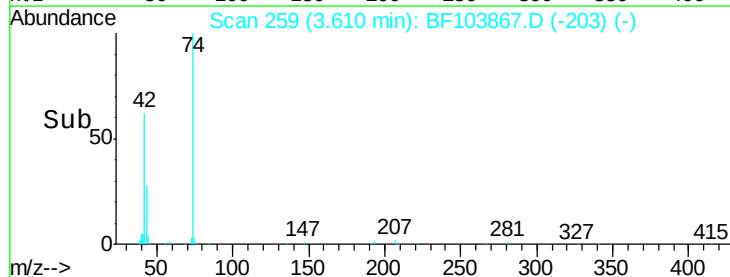
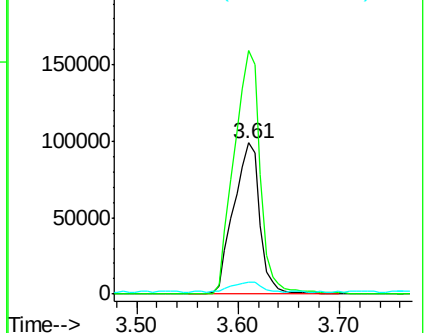
44 8.1 6.9 10.3

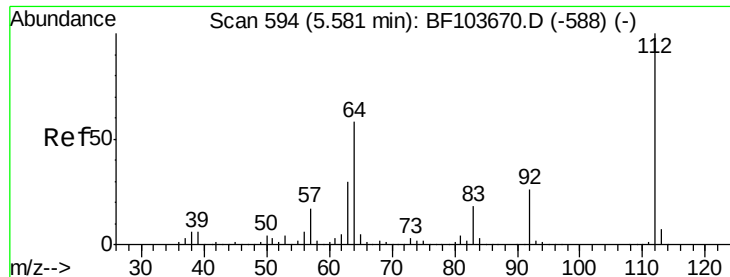


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 111.051 ng

RT: 5.60 min Scan# 598

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :

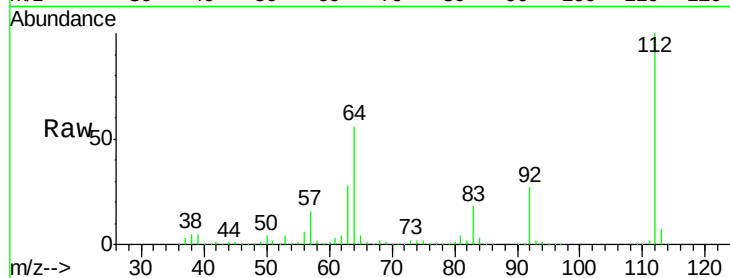
Tot Ion:112 Resp: 1051425

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

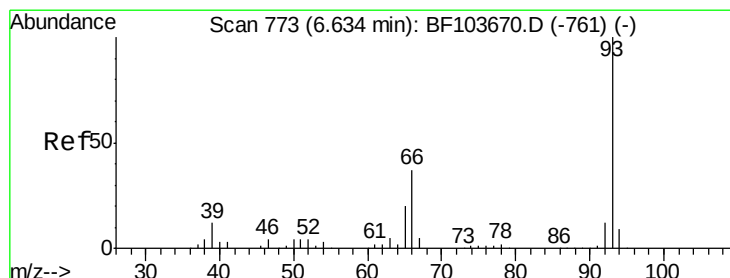
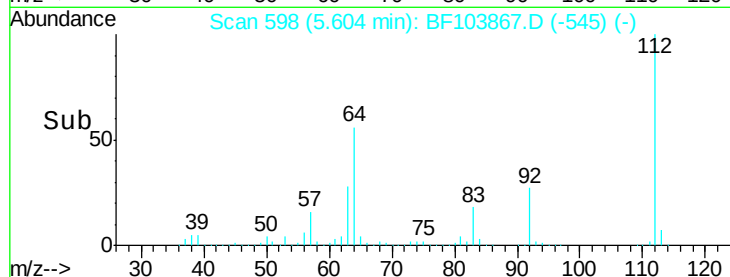
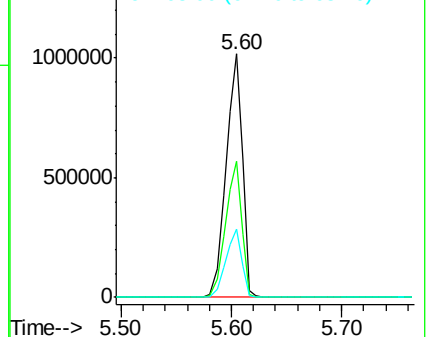
63 28.1 23.7 35.5



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: 22.027 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

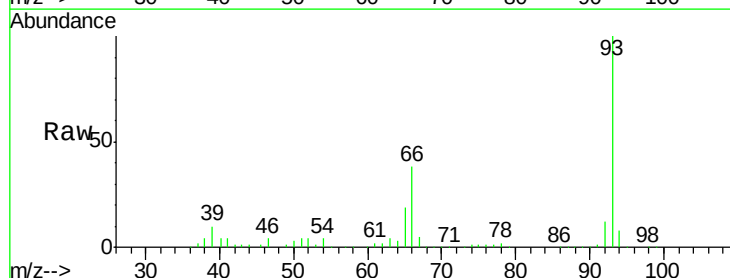
Tgt Ion: 93 Resp: 364338

Ion Ratio Lower Upper

93 100

66 37.8 32.2 48.2

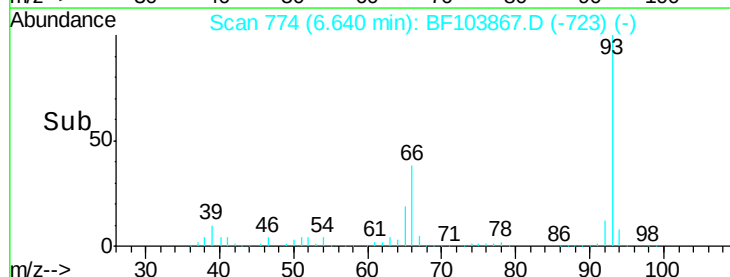
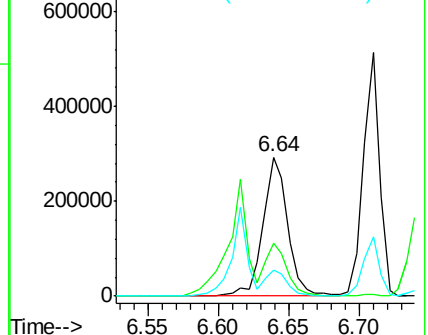
65 19.1 16.4 24.6

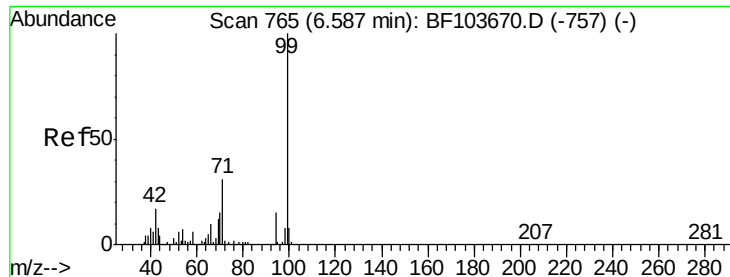


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 113.448 ng

RT: 6.60 min Scan# 768

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

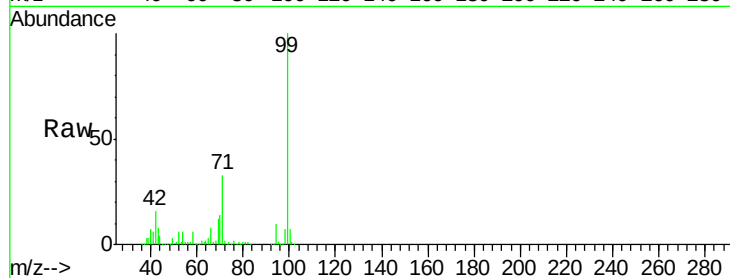
Tot Ion: 99 Resp: 1314116

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

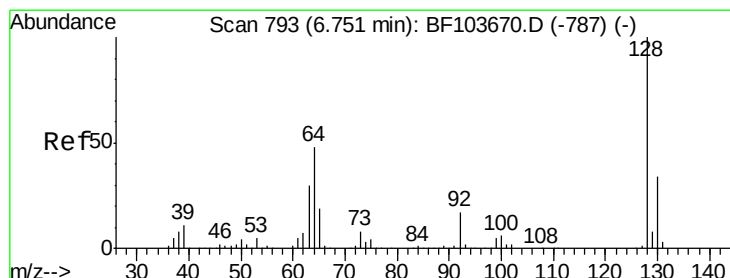
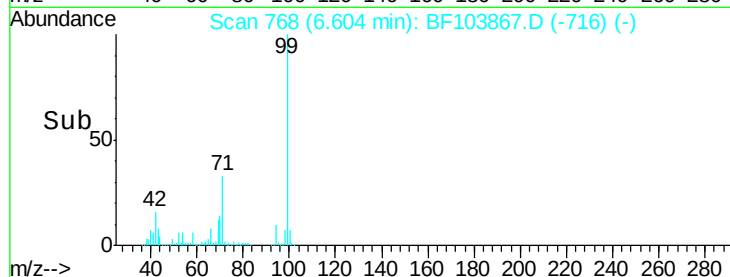
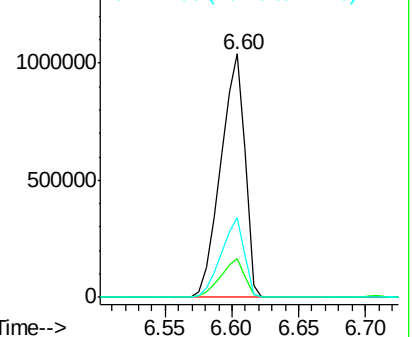
71 32.6 25.4 38.0



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: 43.660 ng

RT: 6.76 min Scan# 795

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

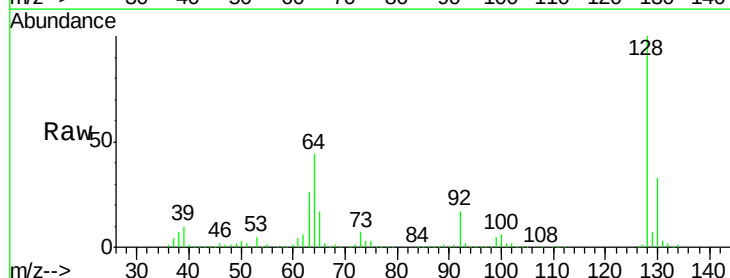
Tgt Ion: 128 Resp: 433032

Ion Ratio Lower Upper

128 100

130 32.6 13.0 53.0

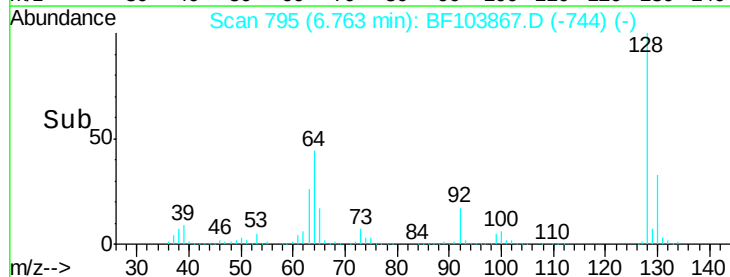
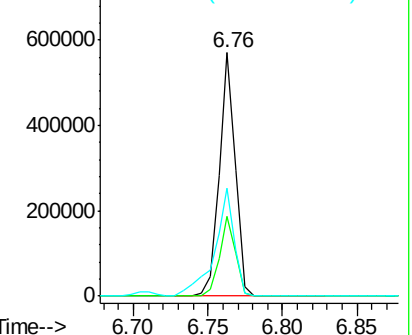
64 44.3 29.4 69.4

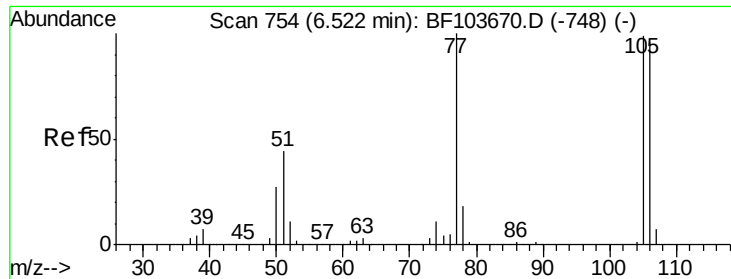


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.712 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampled :

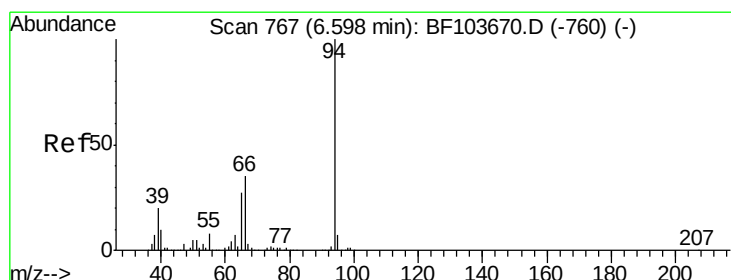
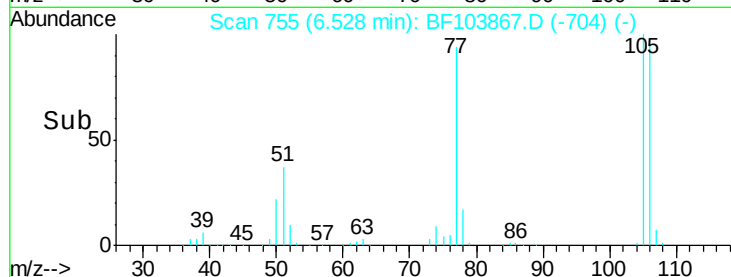
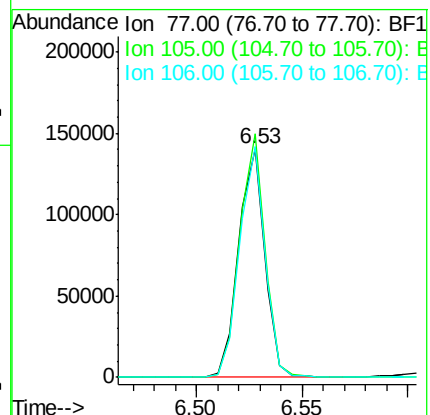
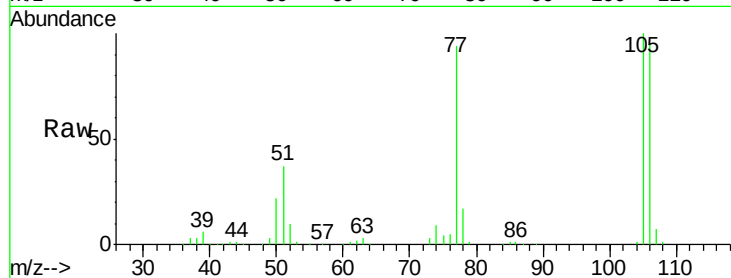
Tot Ion: 77 Resp: 119565

Ion Ratio Lower Upper

77 100

105 106.5 81.1 121.1

106 100.8 74.5 114.5



#10

Phenol

Concen: 41.776 ng

RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

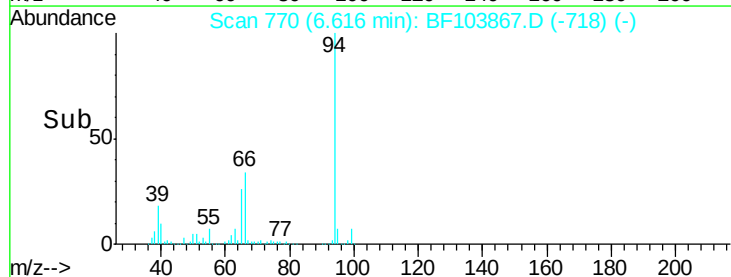
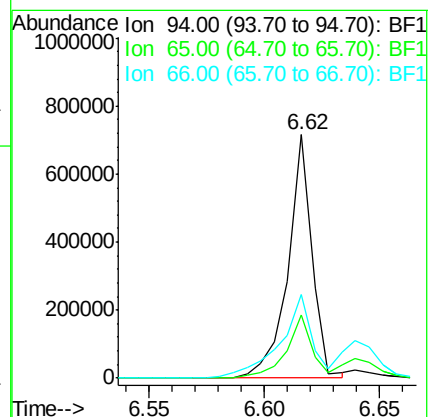
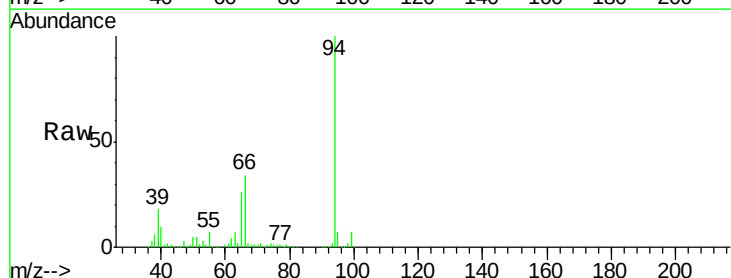
Tgt Ion: 94 Resp: 514205

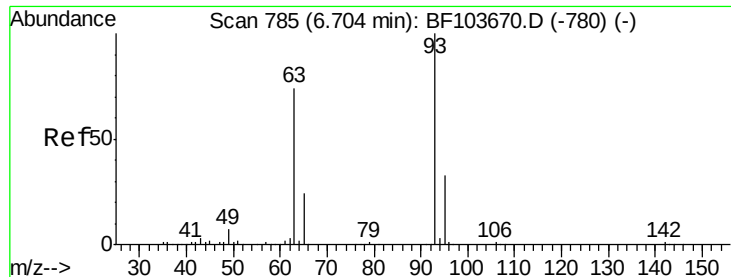
Ion Ratio Lower Upper

94 100

65 26.0 7.9 47.9

66 34.3 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 39.859 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

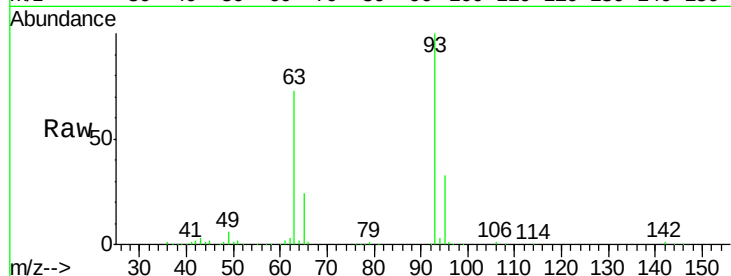
Tot Ion: 93 Resp: 405007

Ion Ratio Lower Upper

93 100

63 73.1 58.6 98.6

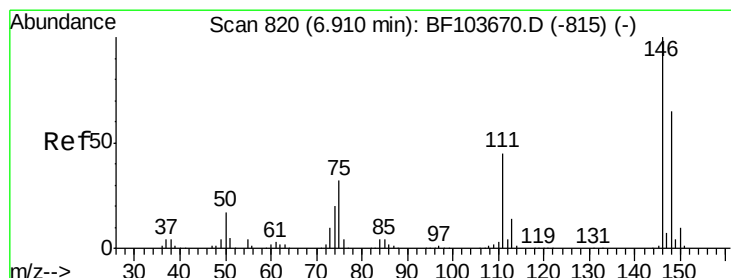
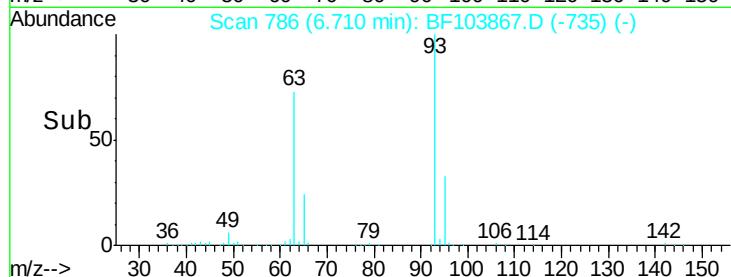
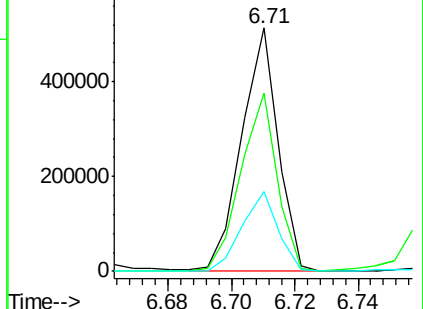
95 32.6 11.8 51.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 39.278 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

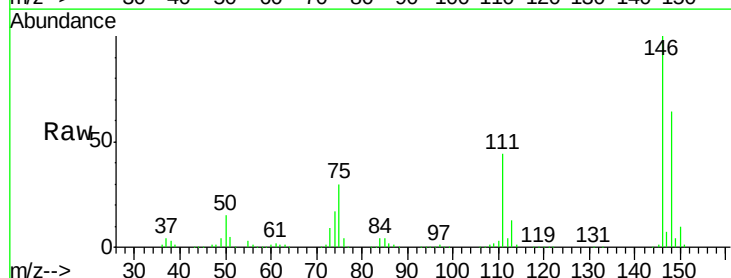
Tgt Ion: 146 Resp: 443695

Ion Ratio Lower Upper

146 100

148 64.1 51.8 77.8

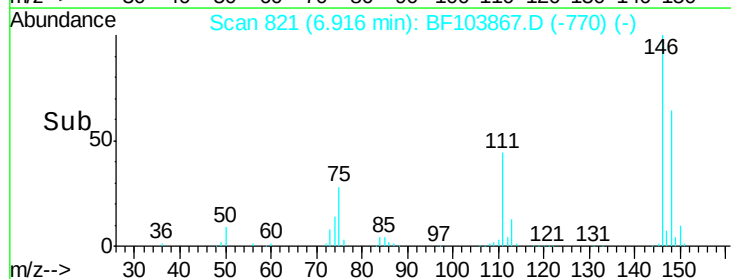
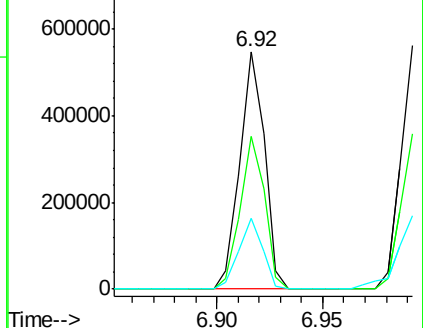
75 29.7 24.2 36.4

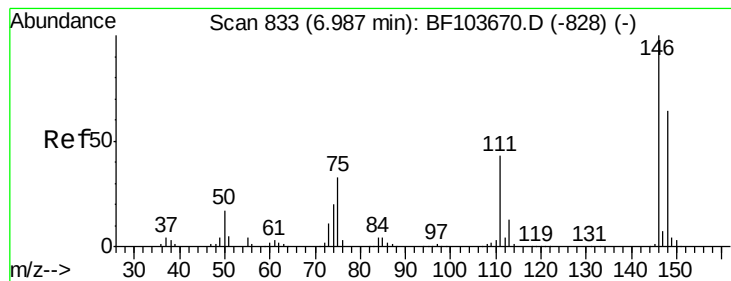


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 39.326 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

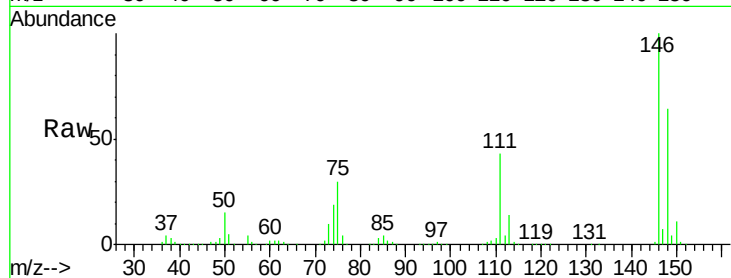
Tot Ion:146 Resp: 446398

Ion Ratio Lower Upper

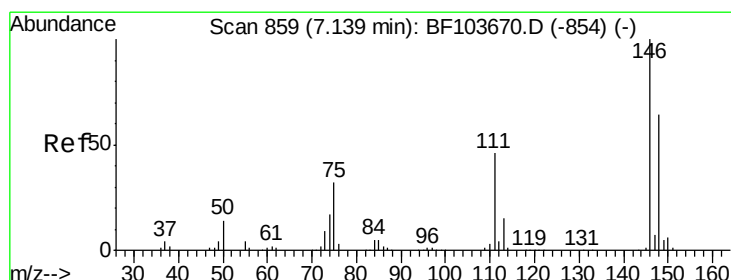
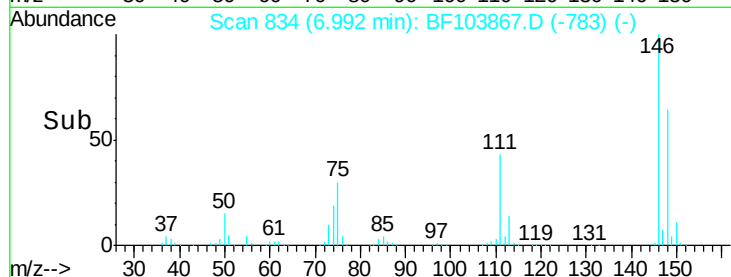
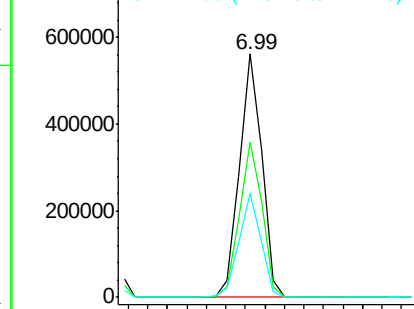
146 100

148 63.8 50.8 76.2

111 42.6 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.723 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

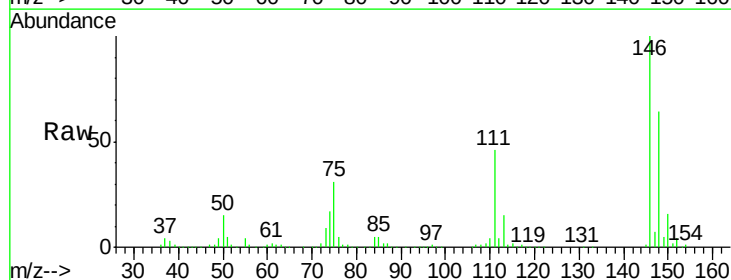
Tgt Ion:146 Resp: 418418

Ion Ratio Lower Upper

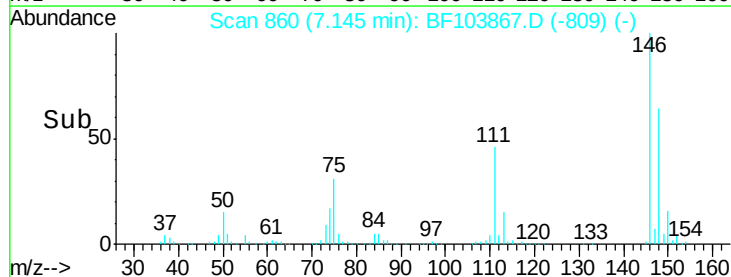
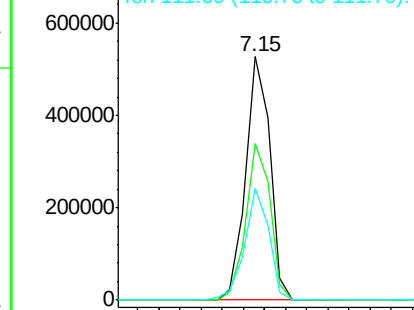
146 100

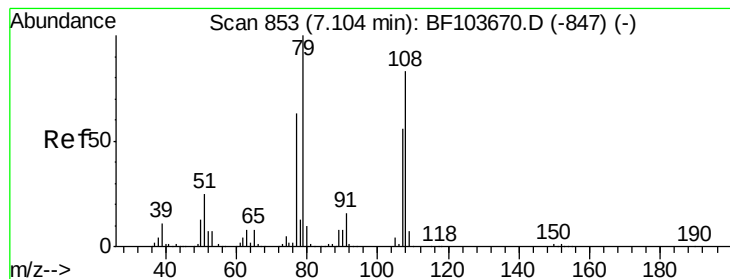
148 64.2 50.6 75.8

111 45.9 36.0 54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.878 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

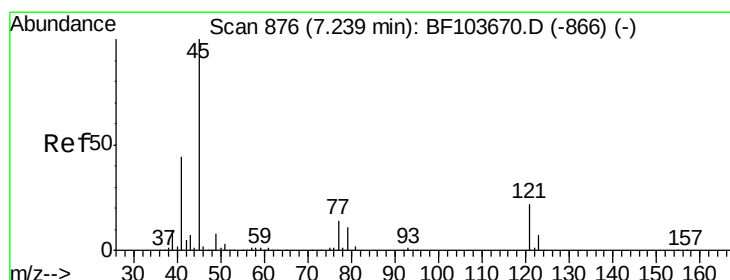
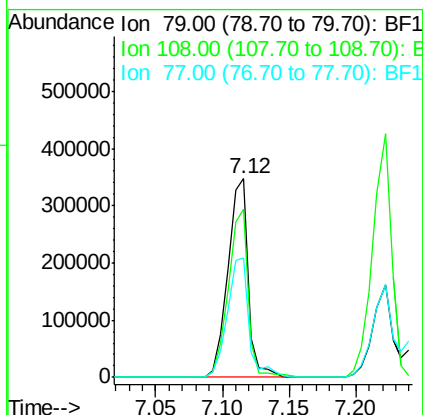
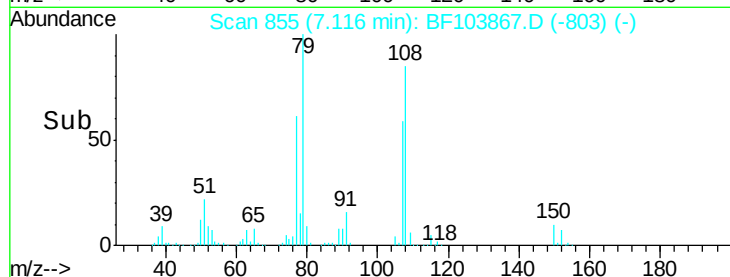
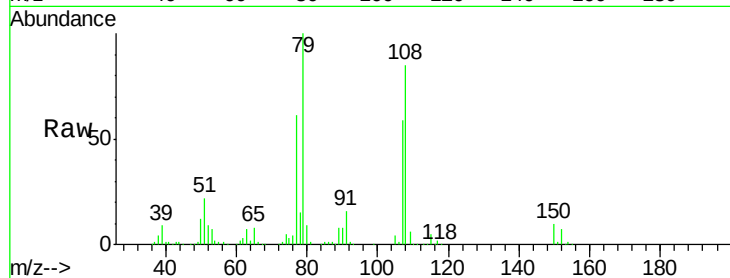
Tot Ion: 79 Resp: 375853

Ion Ratio Lower Upper

79 100

108 85.0 65.1 97.7

77 60.5 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.178 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

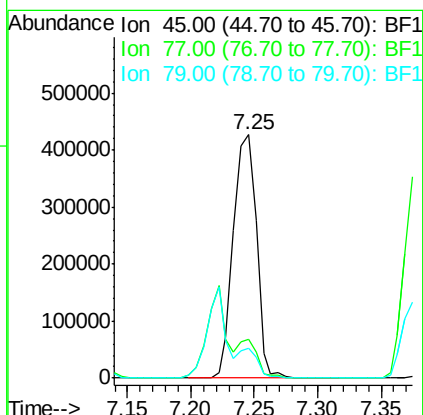
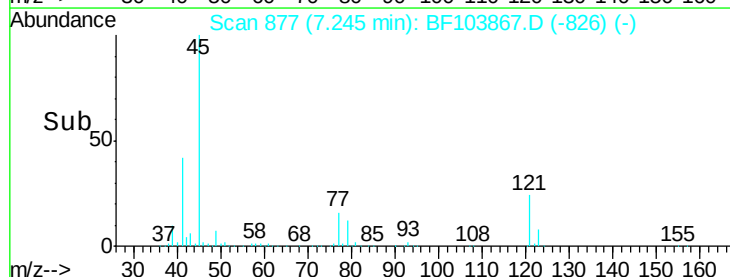
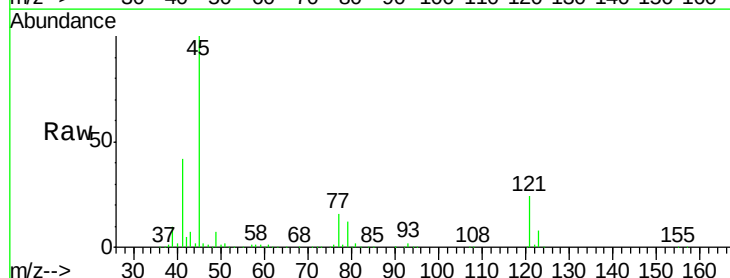
Tgt Ion: 45 Resp: 537298

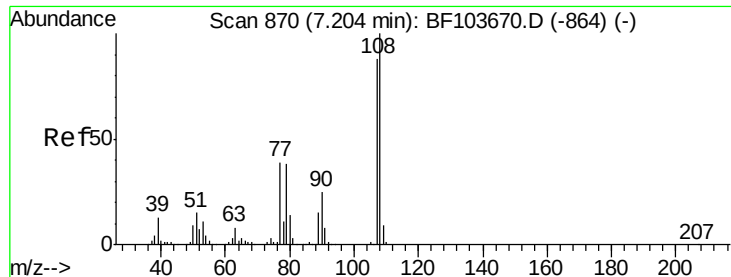
Ion Ratio Lower Upper

45 100

77 15.9 0.0 32.9

79 12.1 0.0 29.6





#17

2-Methylphenol

Concen: 41.166 ng

RT: 7.22 min Scan# 873

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 363591

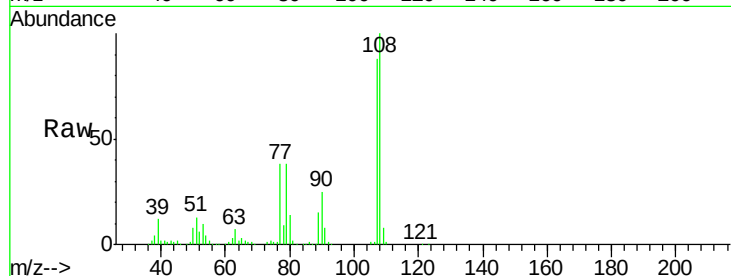
Ion Ratio Lower Upper

107 100

108 113.1 91.7 137.5

77 42.9 33.8 50.8

79 42.8 33.8 50.8

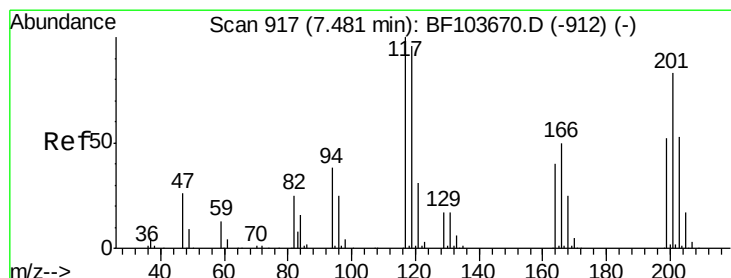
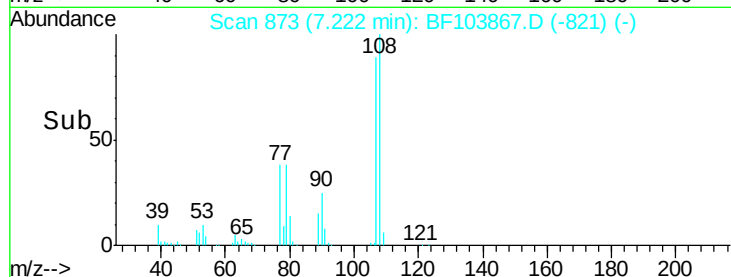
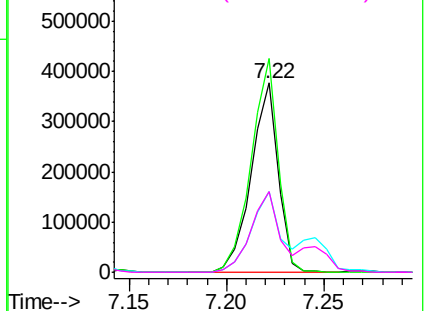


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 40.423 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

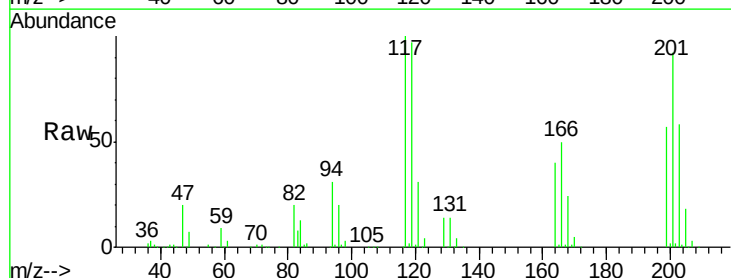
Tgt Ion:117 Resp: 161403

Ion Ratio Lower Upper

117 100

119 96.6 75.8 113.8

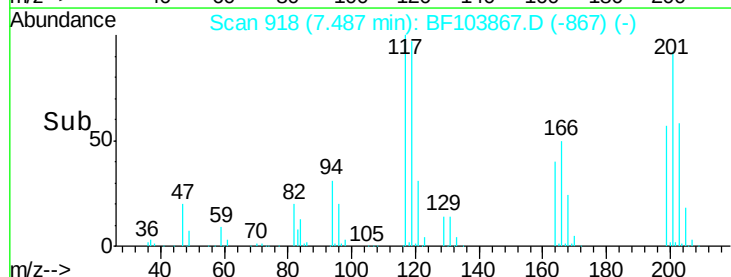
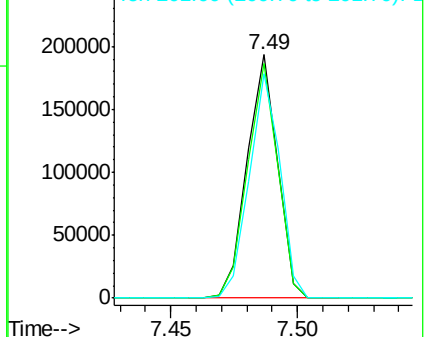
201 92.2 75.7 113.5

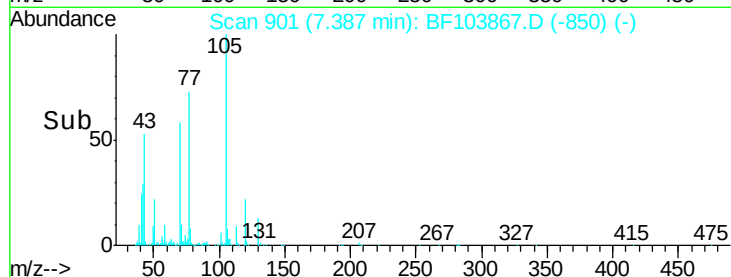
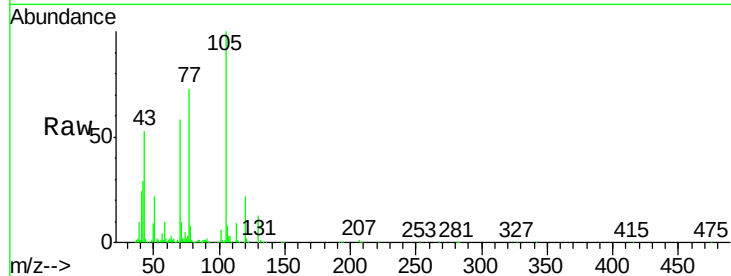
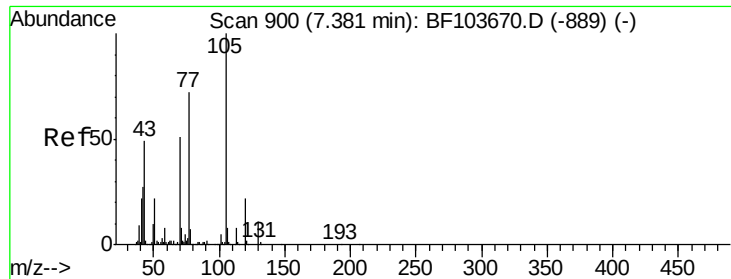


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

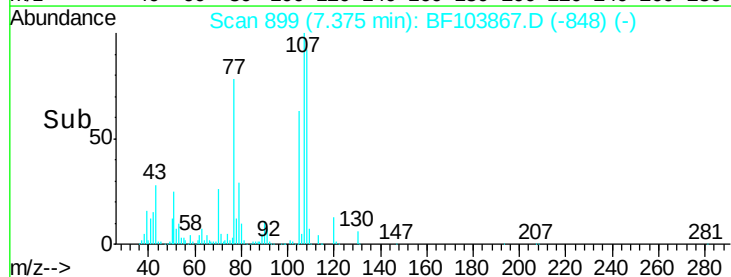
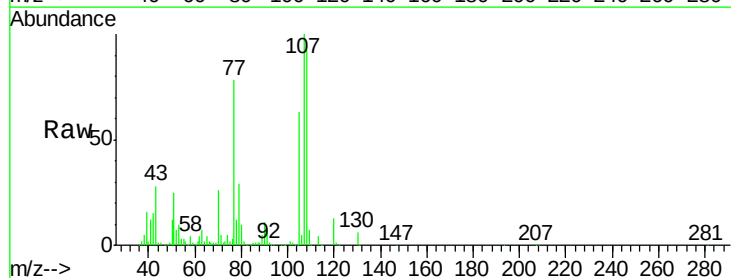
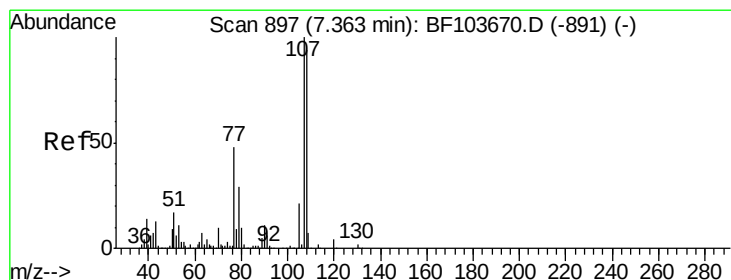
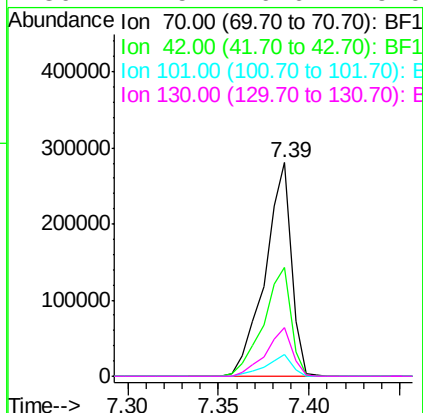




#19
n-Nitroso-di-n-propylamine
Concen: 38.133 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

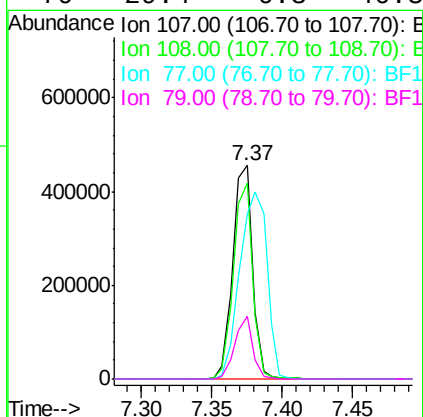
Instrument :
BNA_F
ClientSampleId :

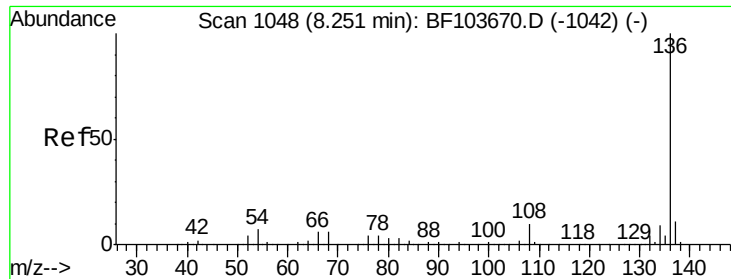
Tot Ion:	70	Resp:	283075
Ion	Ratio	Lower	Upper
70	100		
42	51.0	47.5	71.3
101	10.0	7.4	11.2
130	22.5	16.6	25.0



#20
3+4-Methylphenols
Concen: 39.824 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:	107	Resp:	446384
Ion	Ratio	Lower	Upper
107	100		
108	91.5	68.2	108.2
77	77.6	26.7	66.7#
79	29.4	6.3	46.3

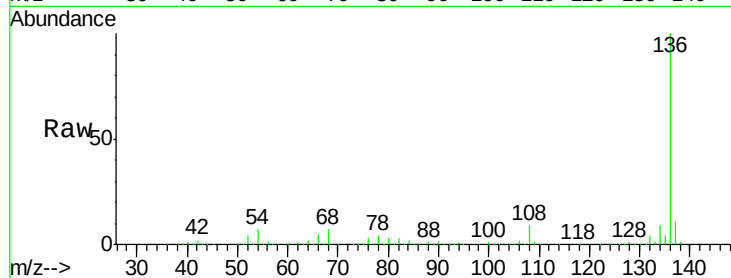




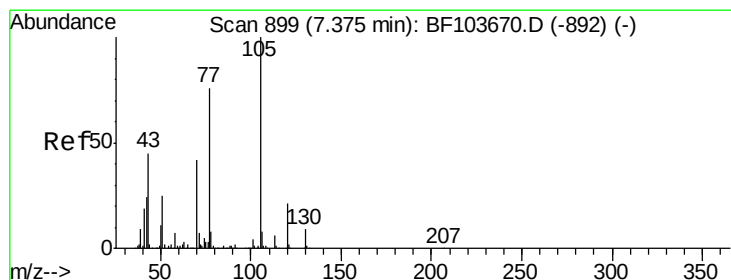
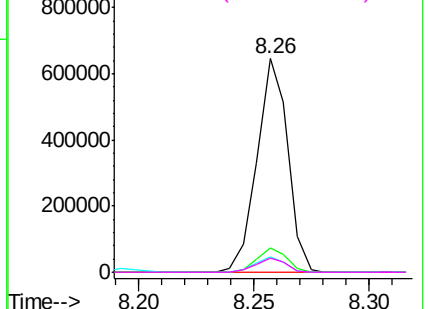
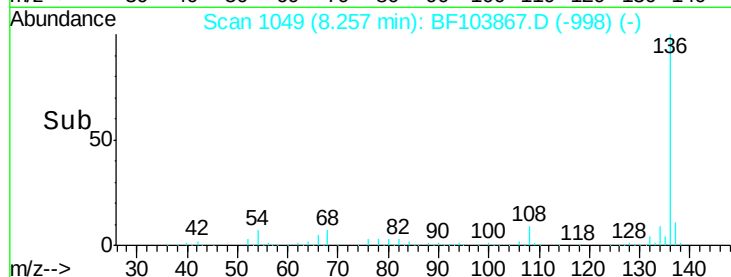
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	599770
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.9 13.3
54	7.4	6.6 9.8
68	6.8	5.0 7.4

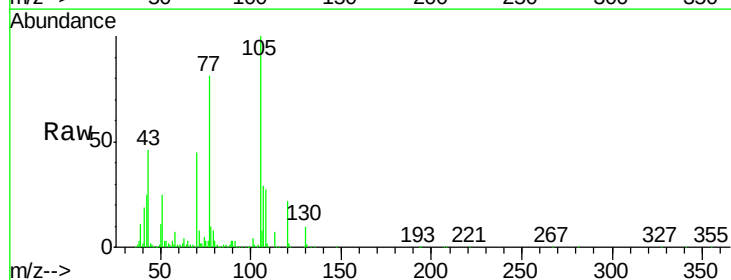


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

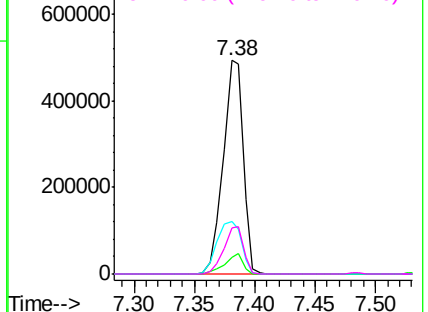
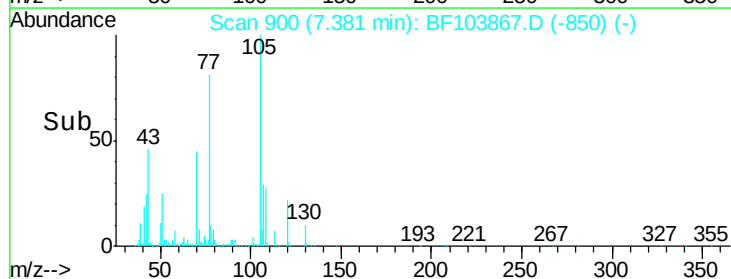


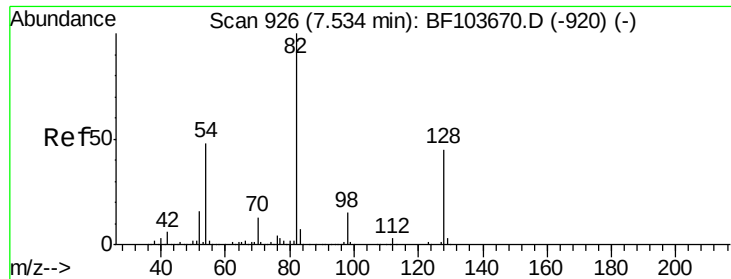
#22
Acetophenone
Concen: 36.715 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:105	Resp:	565937
Ion Ratio	Lower	Upper
105	100	
71	7.7	4.4 6.6#
51	24.7	22.3 33.5
120	21.7	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

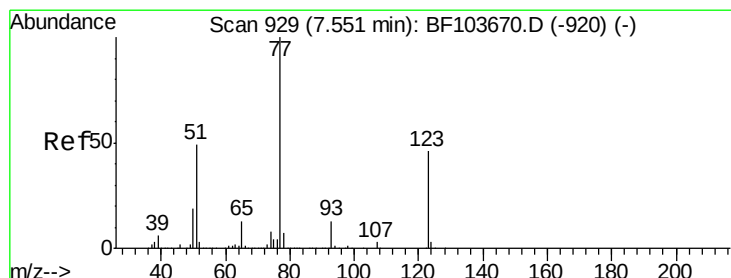
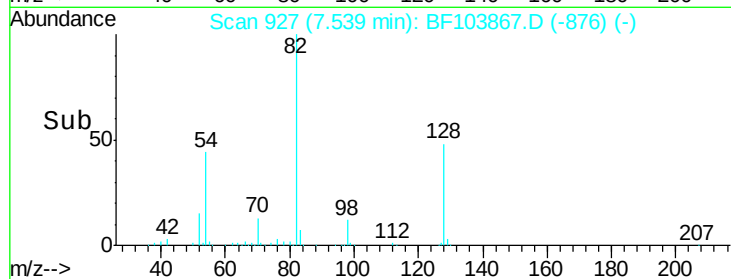
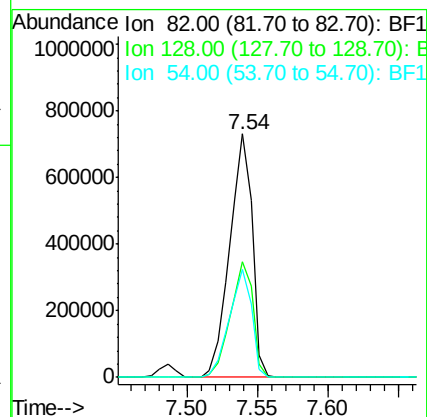
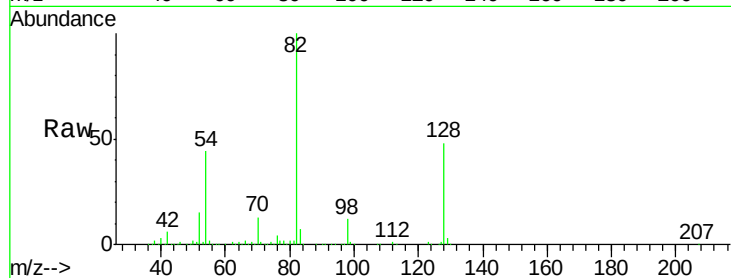




#23
 Nitrobenzene-d5
 Concen: 93.975 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

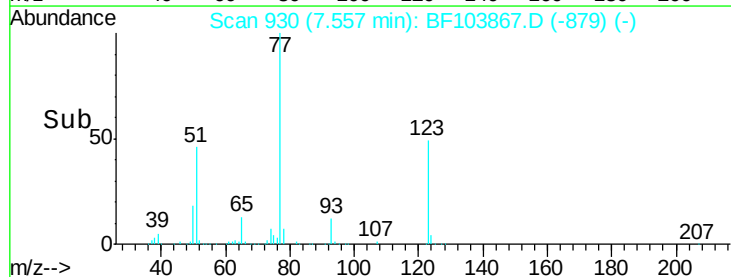
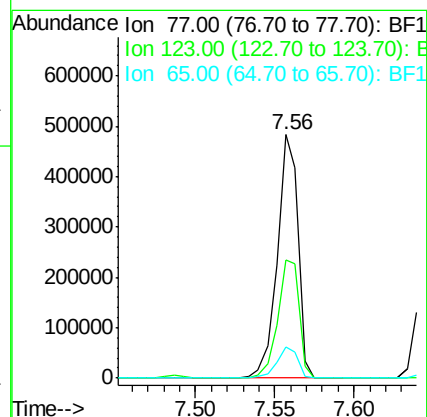
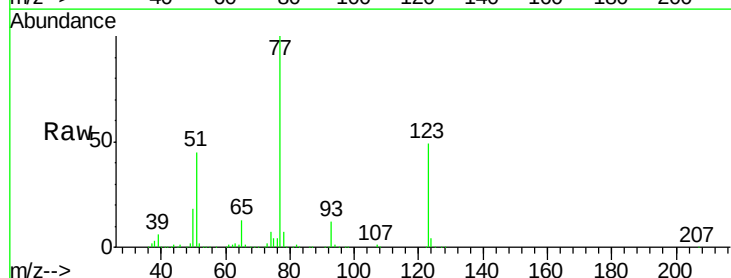
Instrument :
 BNA_F
 ClientSampleId :

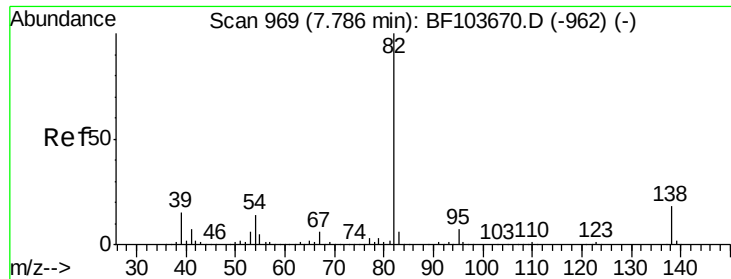
Tot Ion: 82 Resp: 808241
 Ion Ratio Lower Upper
 82 100
 128 47.7 36.1 54.1
 54 44.4 41.4 62.2



#24
 Nitrobenzene
 Concen: 43.653 ng
 RT: 7.56 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion: 77 Resp: 440772
 Ion Ratio Lower Upper
 77 100
 123 48.7 37.9 56.9
 65 13.0 11.0 16.4

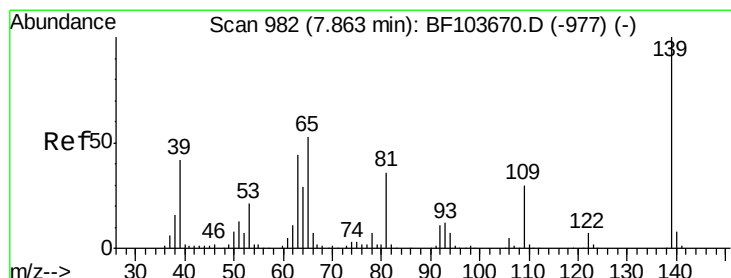
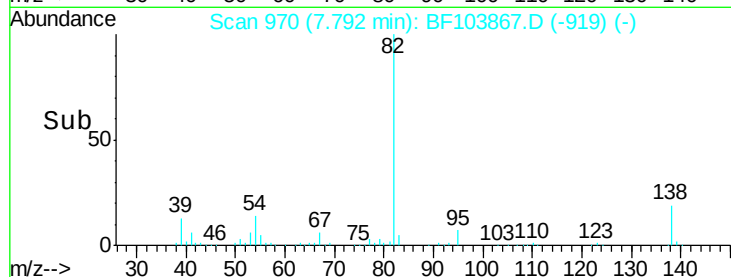
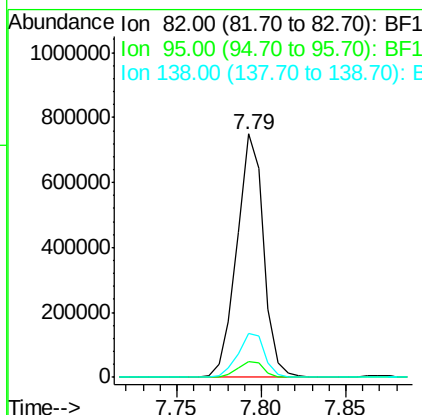
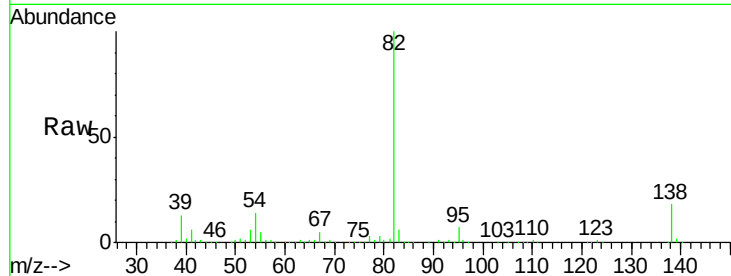




#25
Isophorone
Concen: 41.494 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

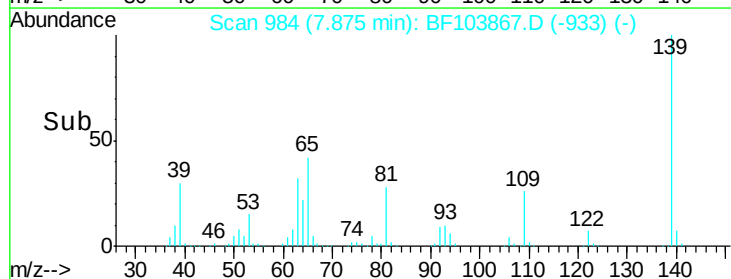
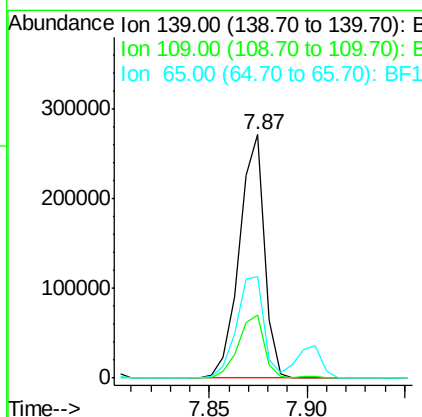
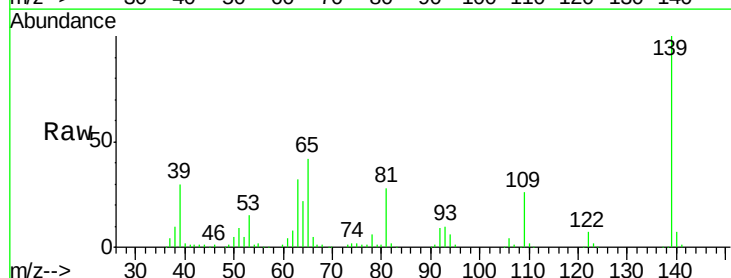
Instrument :
BNA_F
ClientSampled :

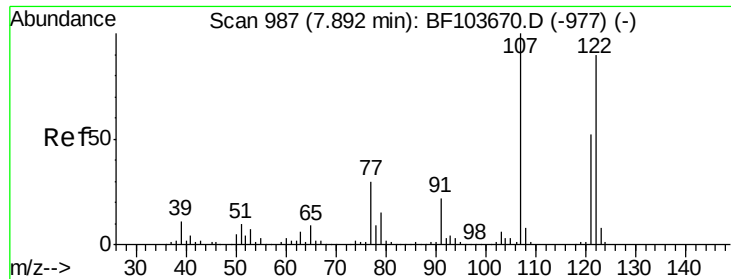
Tot Ion: 82 Resp: 826139
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 18.1 14.9 22.3



#26
2-Nitrophenol
Concen: 60.054 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion: 139 Resp: 242050
Ion Ratio Lower Upper
139 100
109 26.1 22.7 34.1
65 41.6 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 48.262 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

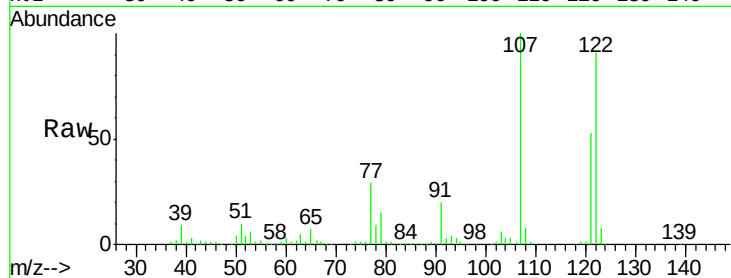
Tot Ion:122 Resp: 411645

Ion Ratio Lower Upper

122 100

107 109.8 91.2 136.8

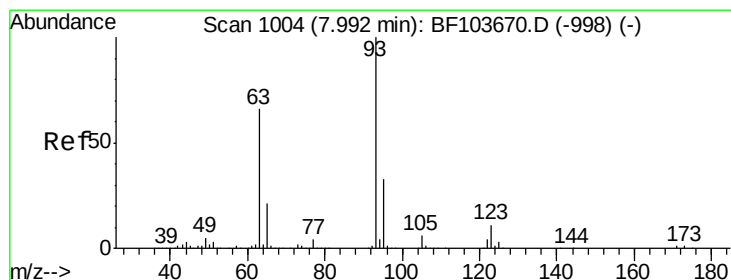
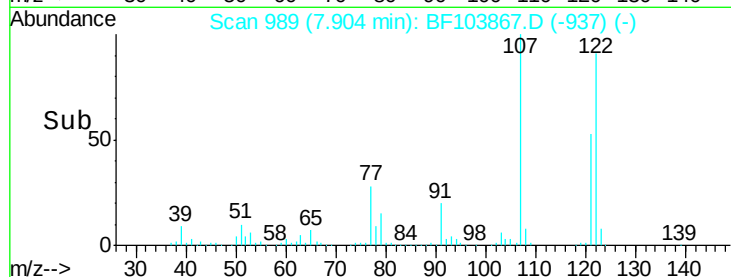
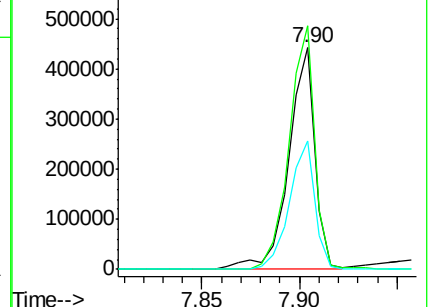
121 58.0 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.502 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

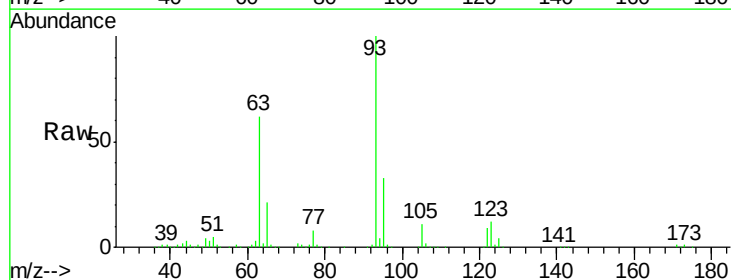
Tgt Ion: 93 Resp: 524464

Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

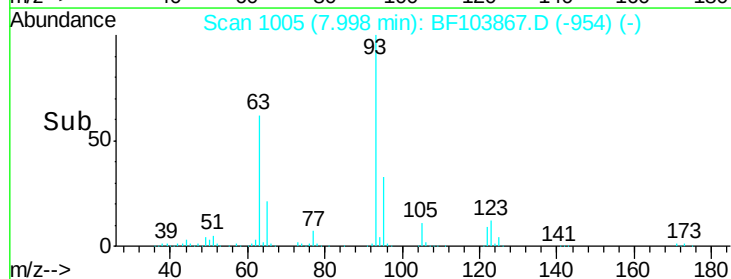
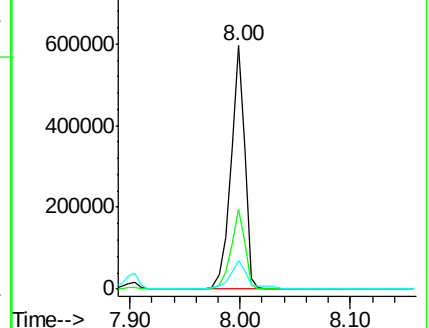
123 11.8 9.8 14.6

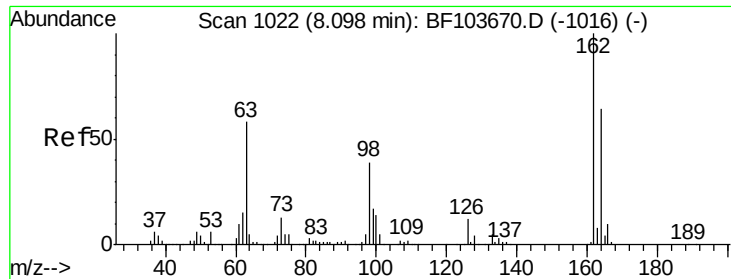


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

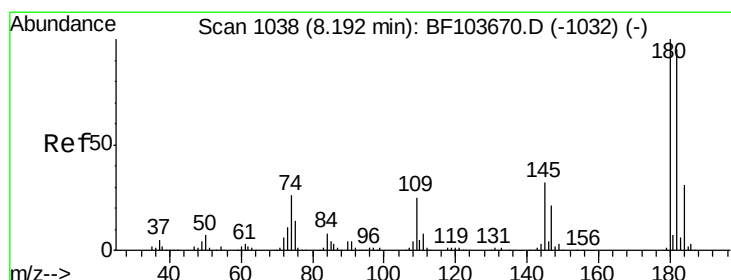
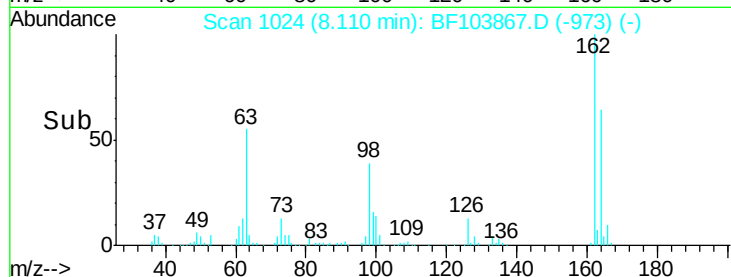
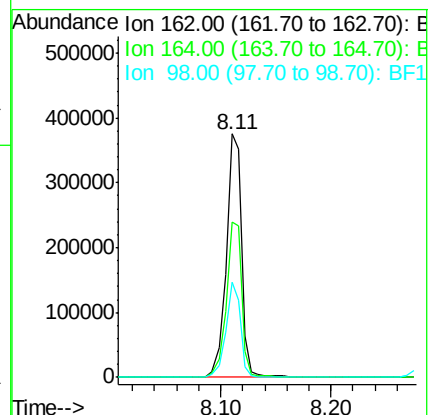
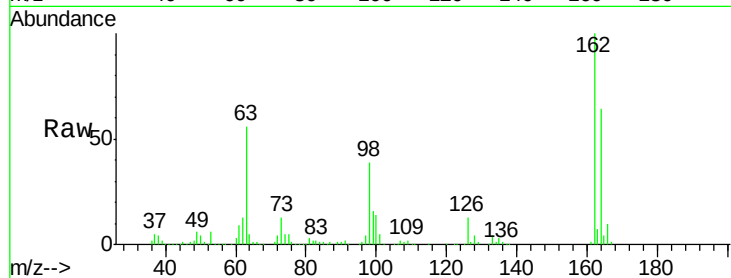




#29
2,4-Dichlorophenol
Concen: 47.100 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

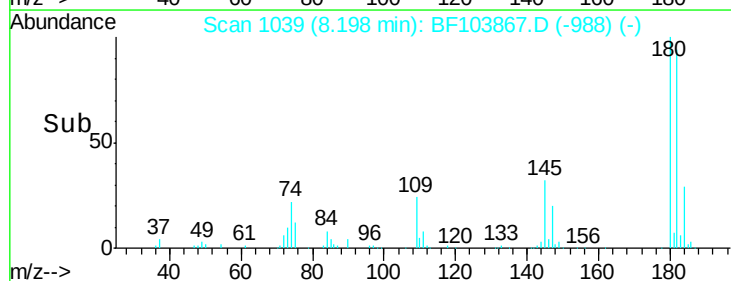
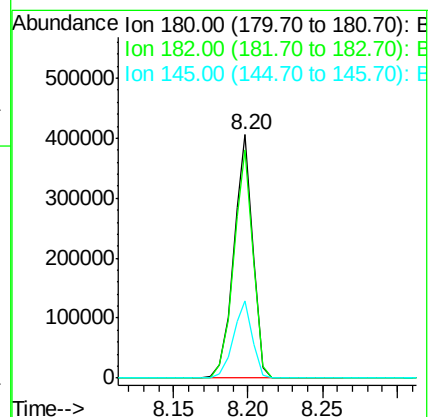
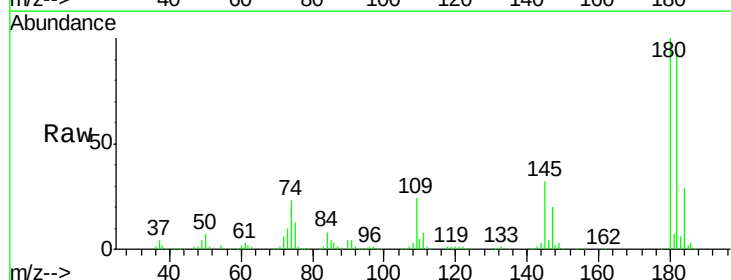
Instrument :
BNA_F
ClientSampleId :

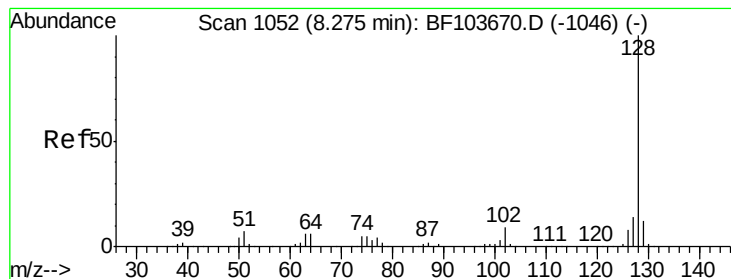
Tot Ion:162 Resp: 365492
Ion Ratio Lower Upper
162 100
164 63.6 42.7 82.7
98 39.2 18.1 58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.631 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:180 Resp: 365693
Ion Ratio Lower Upper
180 100
182 93.9 76.8 115.2
145 31.6 26.5 39.7





#31

Naphthalene

Concen: 39.821 ng

RT: 8.28 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

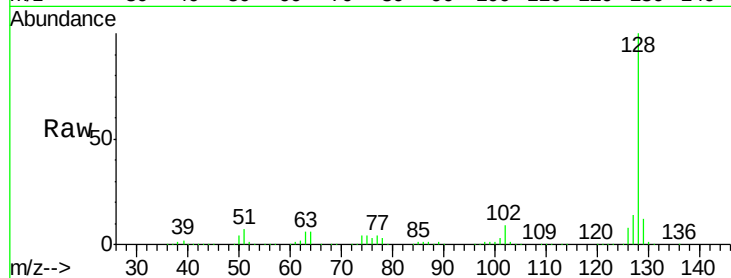
Tot Ion:128 Resp: 1206472

Ion Ratio Lower Upper

128 100

129 11.5 8.8 13.2

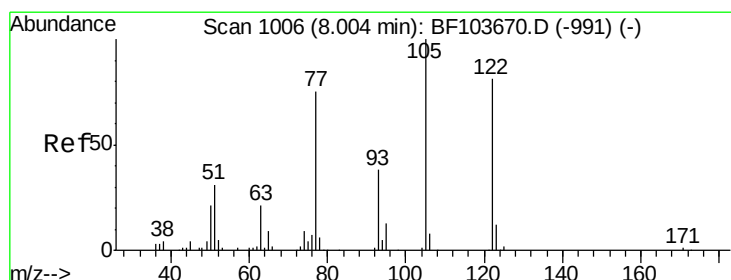
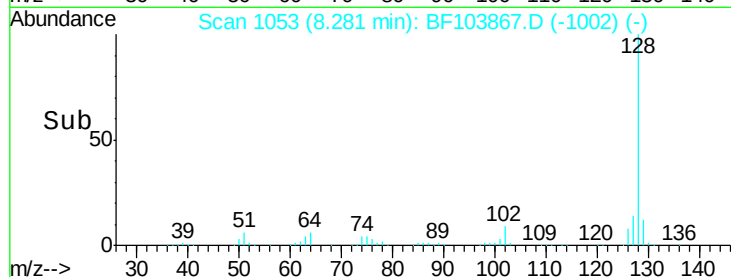
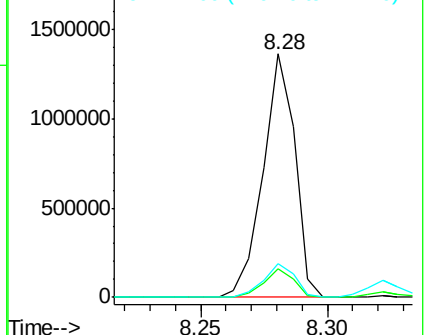
127 13.6 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.821 ng

RT: 8.03 min Scan# 1010

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

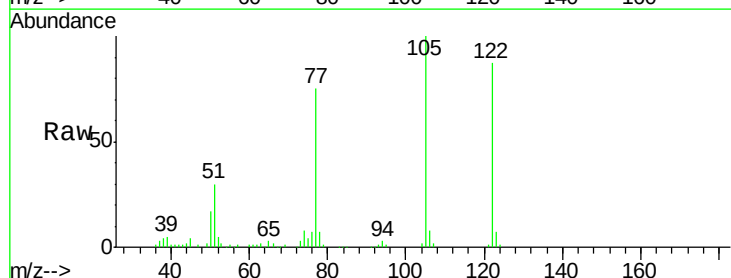
Tgt Ion:122 Resp: 302689

Ion Ratio Lower Upper

122 100

105 115.5 101.1 141.1

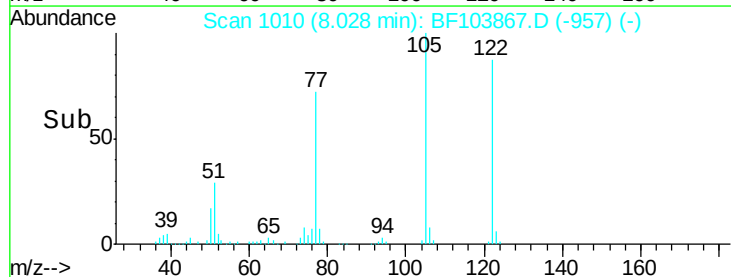
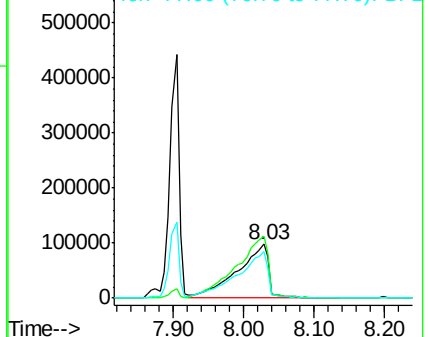
77 86.2 70.7 110.7

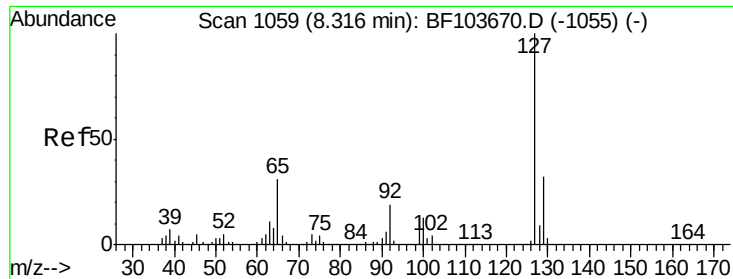


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

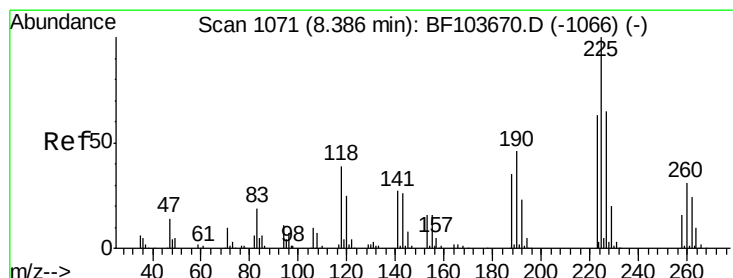
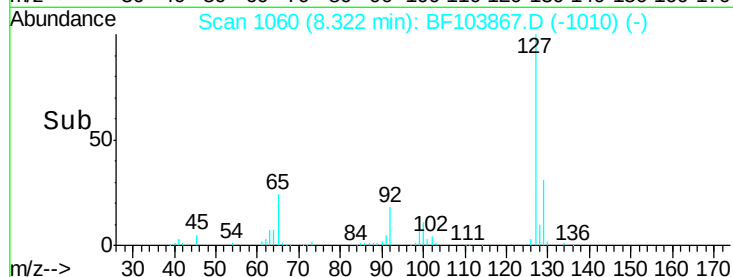
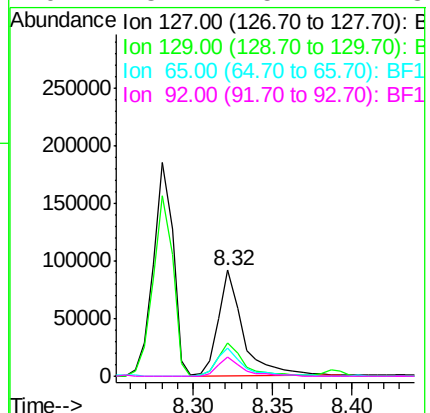
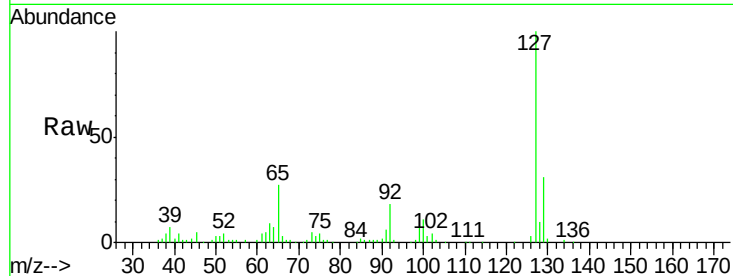




#33
4-Chloroaniline
Concen: 7.795 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

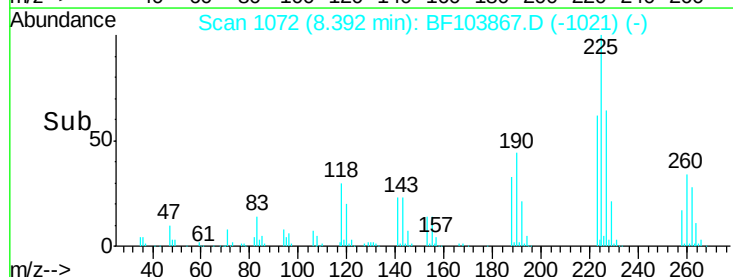
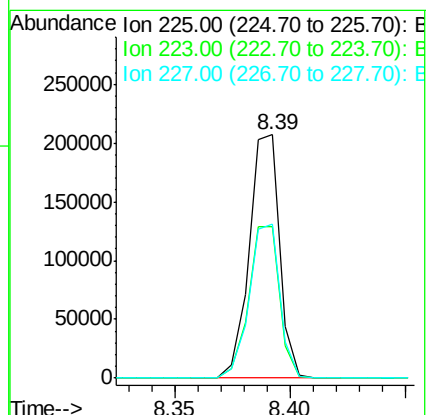
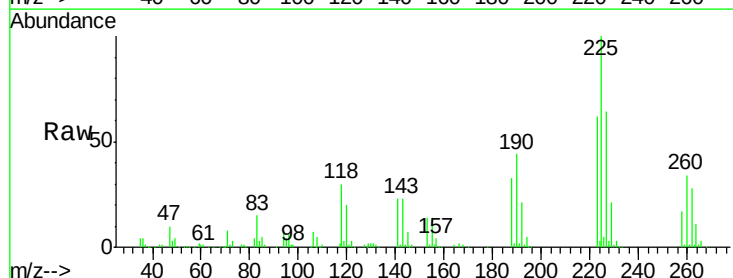
Instrument :
BNA_F
ClientSampled :

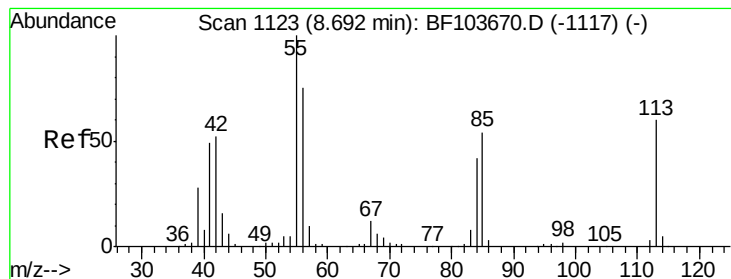
Tot Ion:	127	Resp:	99086
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	27.0	25.0	37.4
92	18.2	15.2	22.8



#34
Hexachlorobutadiene
Concen: 38.721 ng
RT: 8.39 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:	225	Resp:	191075
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.5	51.9	77.9





#35

Caprolactam

Concen: 30.738 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampled :

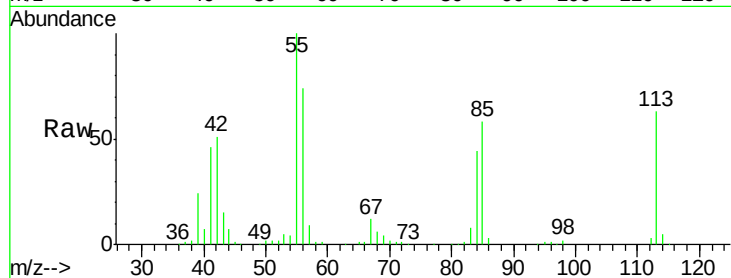
Tot Ion:113 Resp: 82134

Ion Ratio Lower Upper

113 100

55 158.8 163.3 203.3#

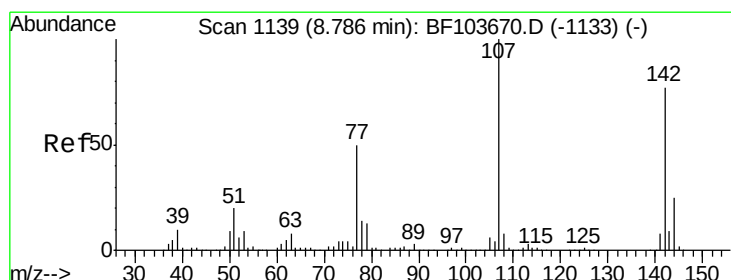
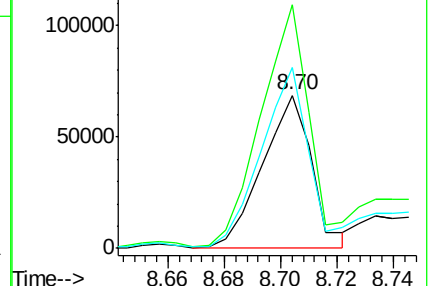
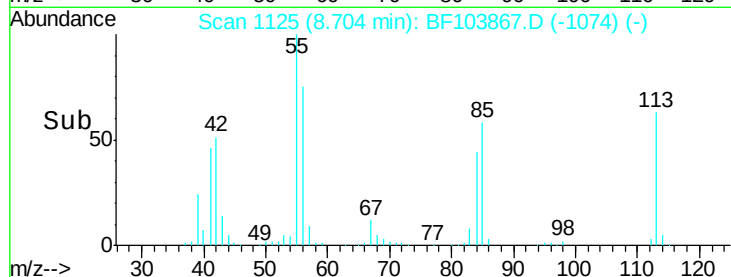
56 118.0 115.7 155.7



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: 46.669 ng

RT: 8.80 min Scan# 1142

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

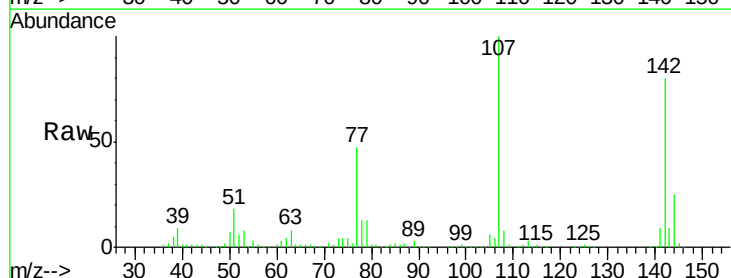
Tgt Ion:107 Resp: 399241

Ion Ratio Lower Upper

107 100

144 25.4 20.5 30.7

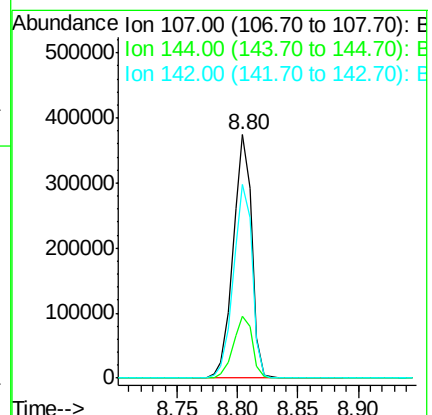
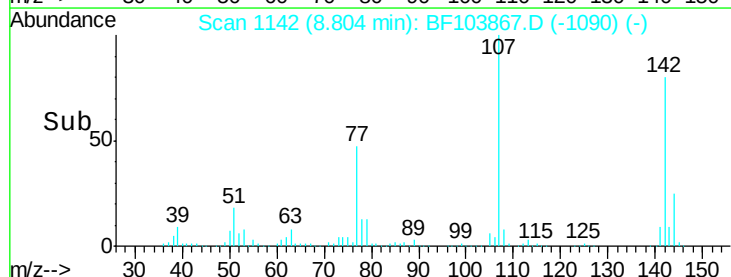
142 79.6 62.0 93.0

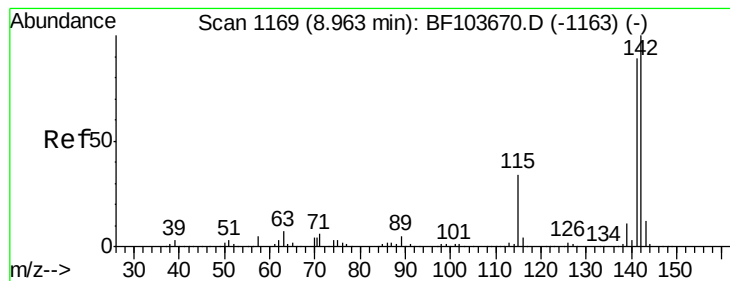


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.346 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampled :

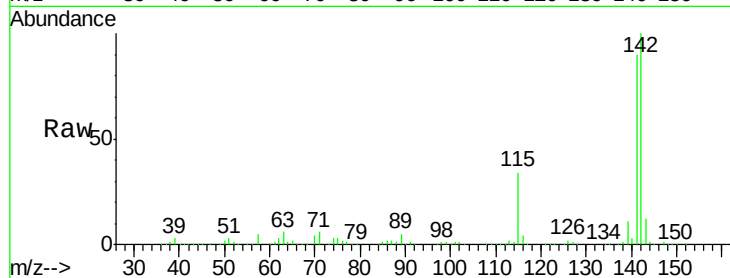
Tot Ion:142 Resp: 813597

Ion Ratio Lower Upper

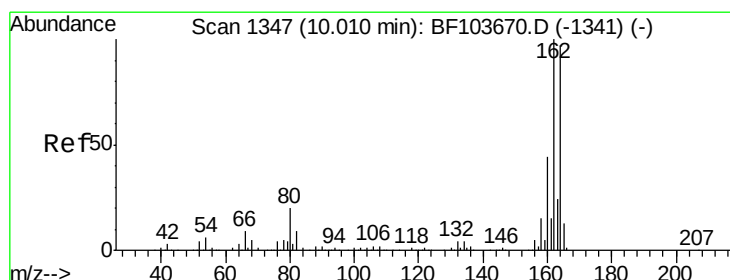
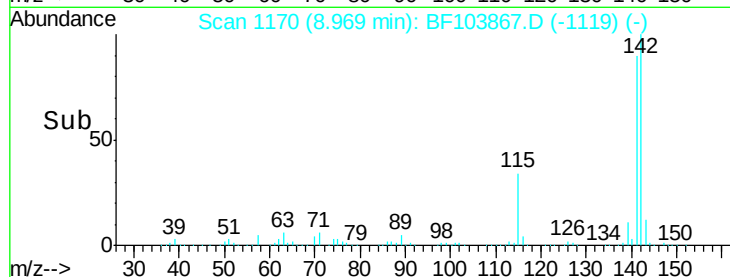
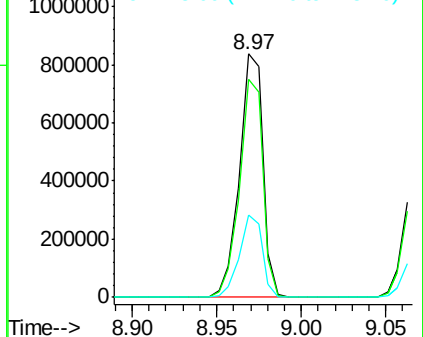
142 100

141 89.5 70.8 106.2

115 33.9 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: 10.02 min Scan# 1349

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

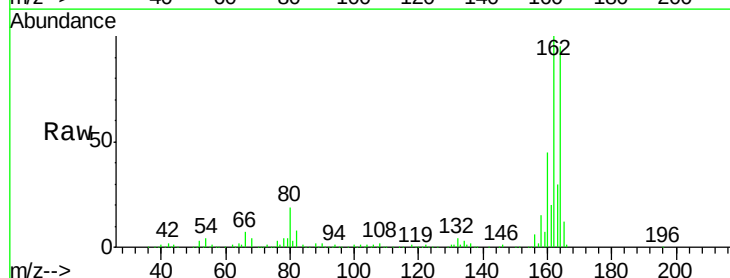
Tgt Ion:164 Resp: 281822

Ion Ratio Lower Upper

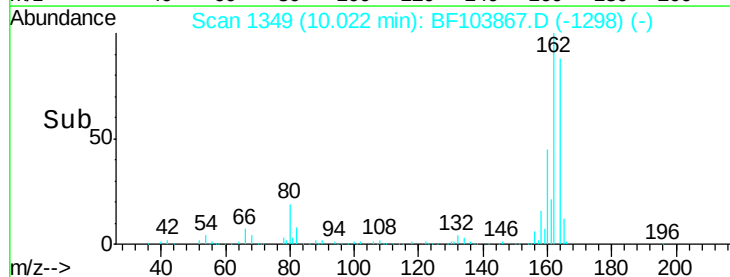
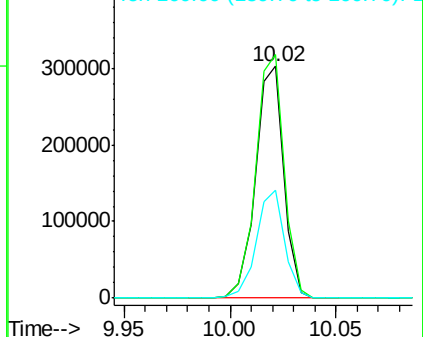
164 100

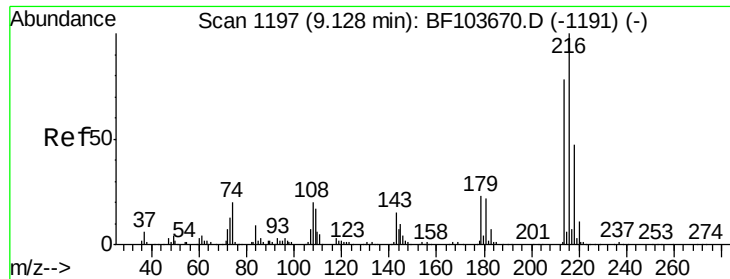
162 105.1 86.1 129.1

160 46.8 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

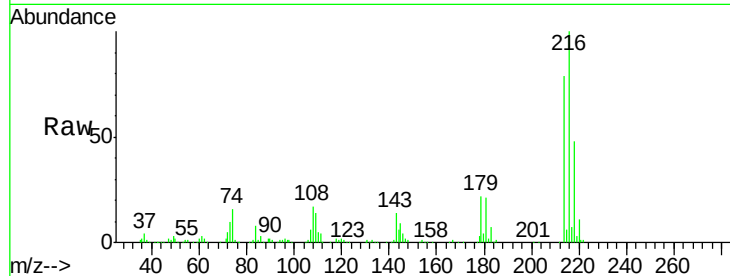




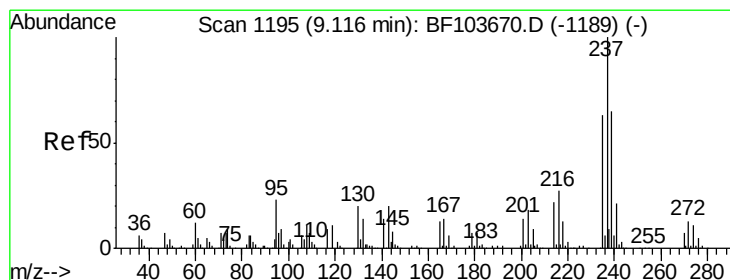
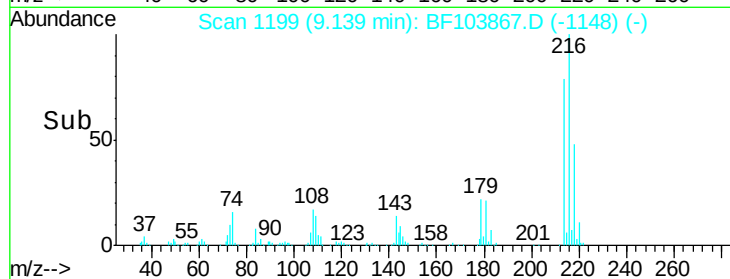
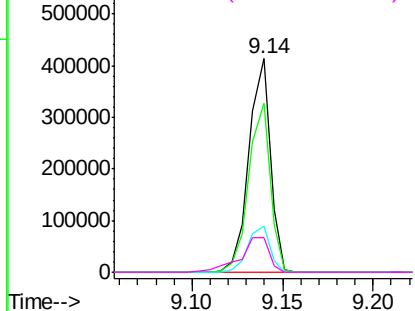
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.511 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	341788
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	22.5	18.1	27.1
108	22.1	17.2	25.8

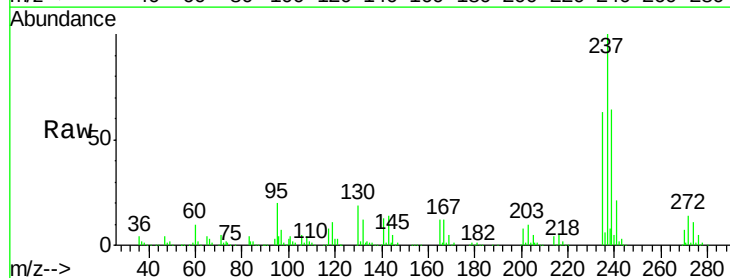


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

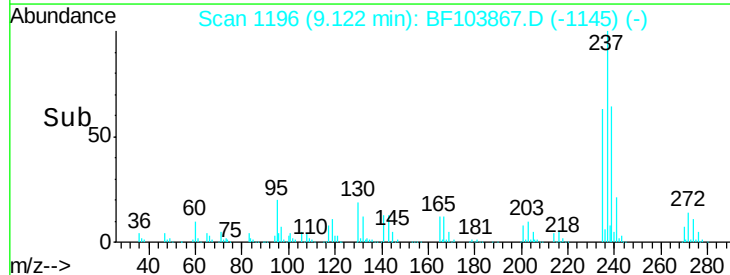
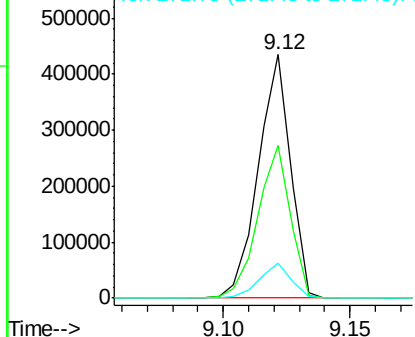


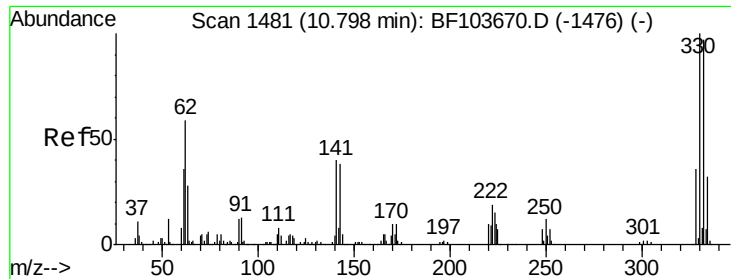
#40
 Hexachlorocyclopentadiene
 Concen: 92.494 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion:	237	Resp:	383730
Ion	Ratio	Lower	Upper
237	100		
235	62.9	44.8	84.8
272	14.1	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

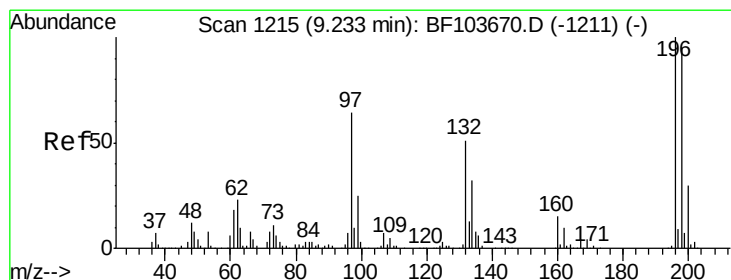
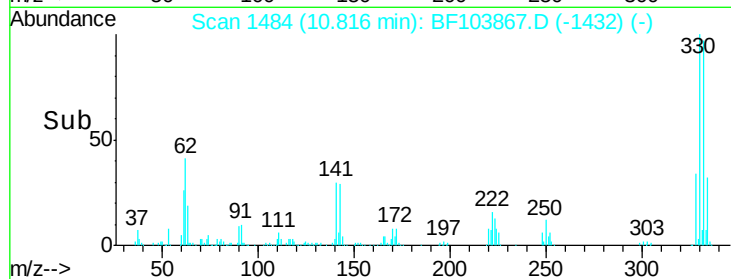
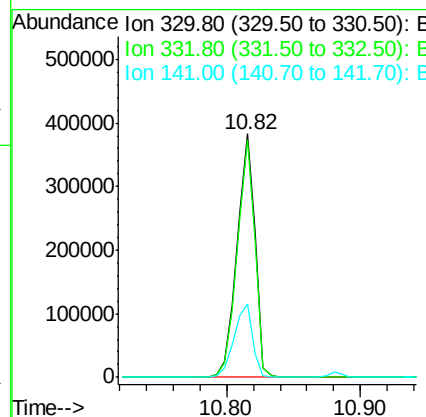
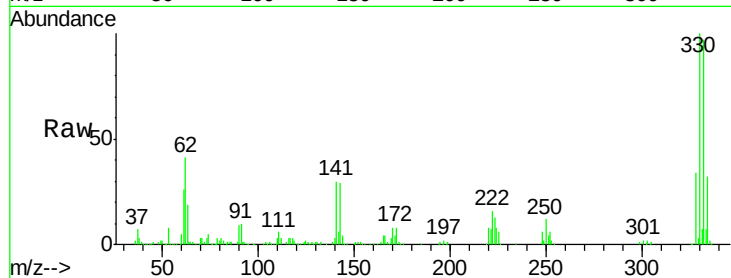




#41
 2,4,6-Tribromophenol
 Concen: 150.866 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

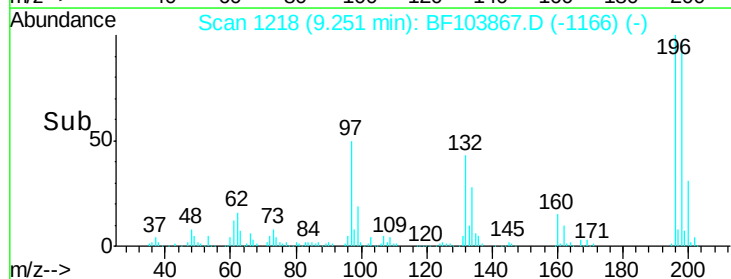
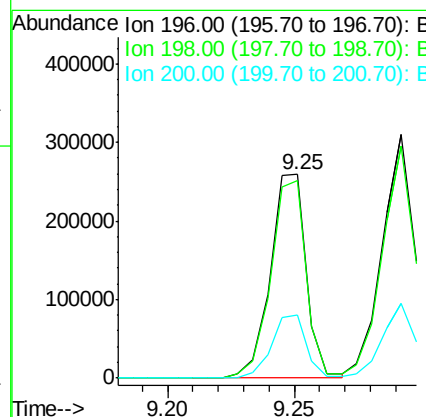
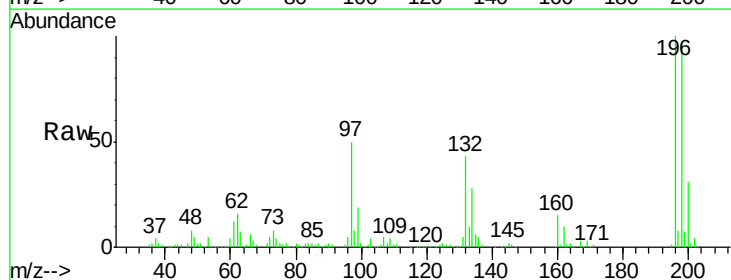
Instrument :
 BNA_F
 ClientSampleId :

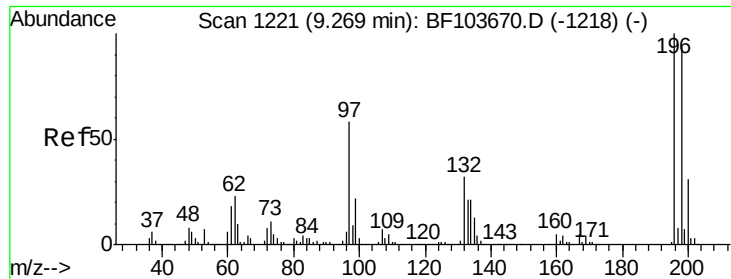
Tot Ion:330 Resp: 365568
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 30.9 29.9 44.9



#42
 2,4,6-Trichlorophenol
 Concen: 50.069 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion:196 Resp: 257489
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 31.2 24.5 36.7

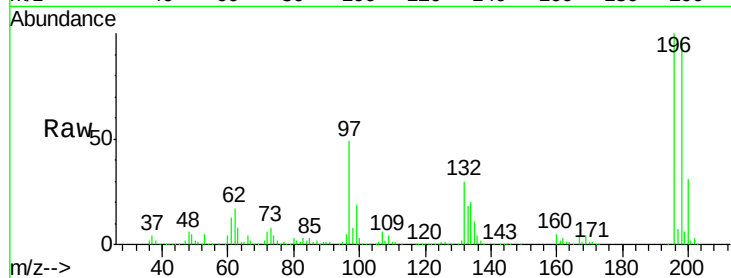




#43
 2,4,5-Trichlorophenol
 Concen: 47.707 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	74.6	112.0
97	48.5	42.9	64.3
132	29.9	26.3	39.5



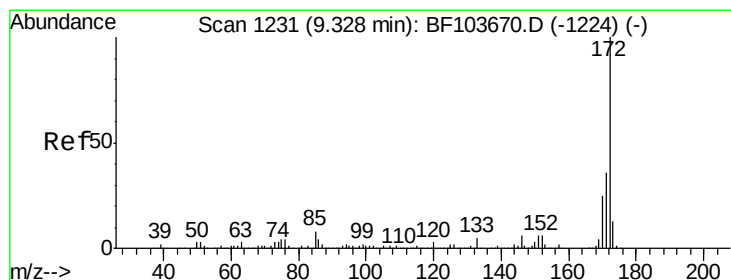
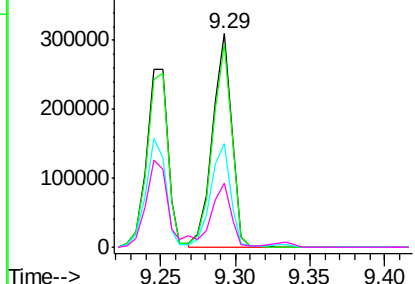
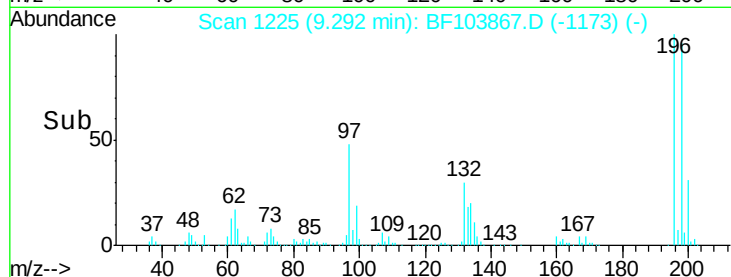
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

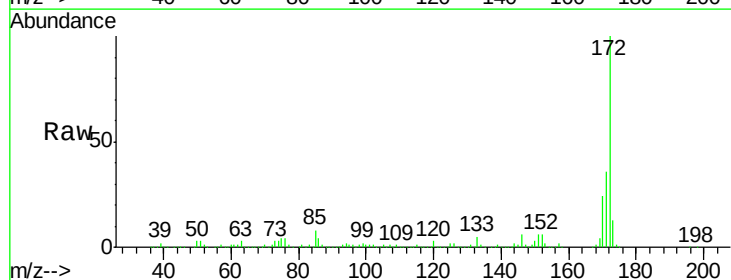
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.207 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.4	19.6	29.4

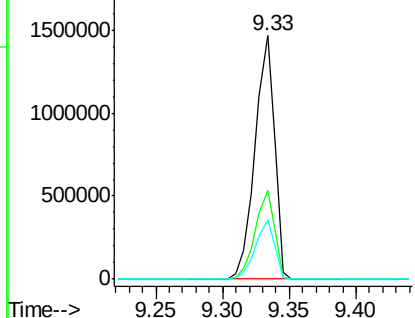
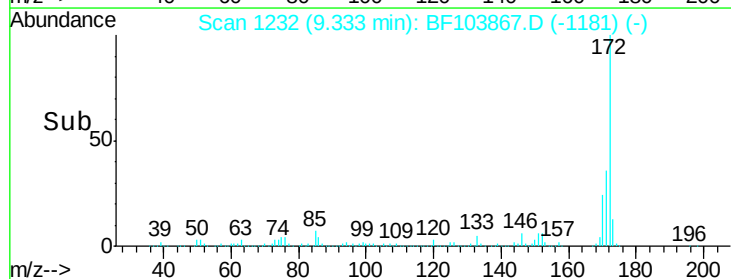


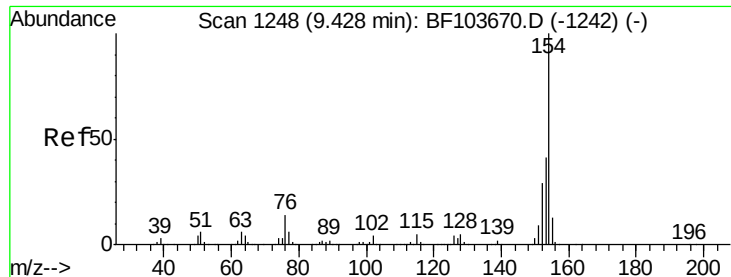
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.810 ng

RT: 9.43 min Scan# 1249

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

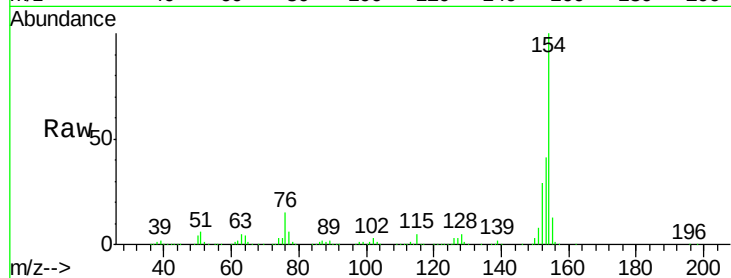
Tot Ion:154 Resp: 959029

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

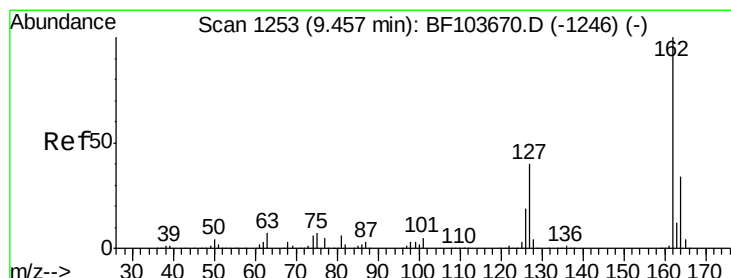
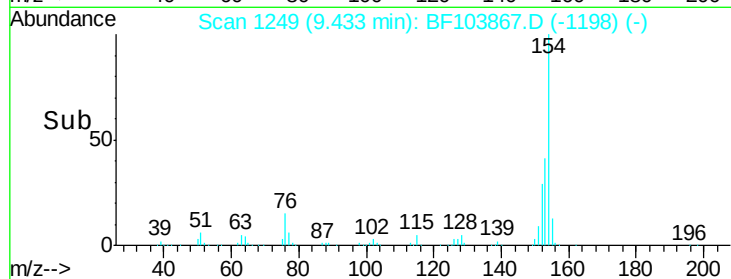
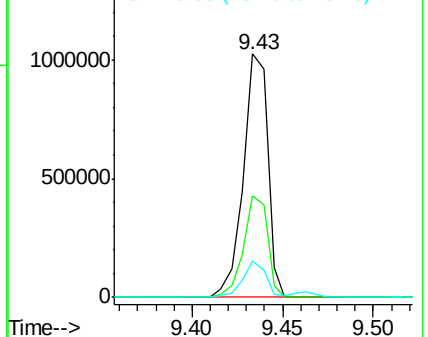
76 14.8 0.0 34.0



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: 41.032 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

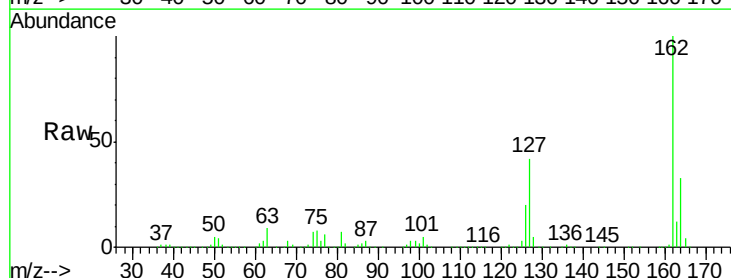
Tgt Ion:162 Resp: 765866

Ion Ratio Lower Upper

162 100

127 42.3 33.9 50.9

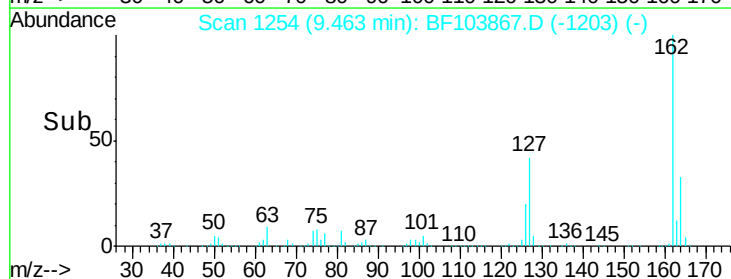
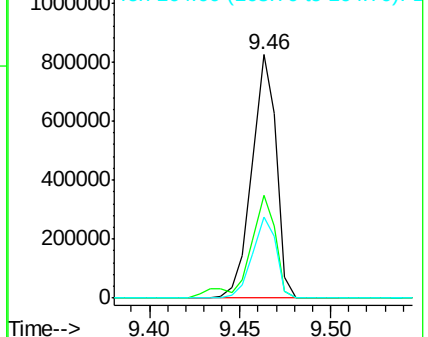
164 33.1 26.5 39.7

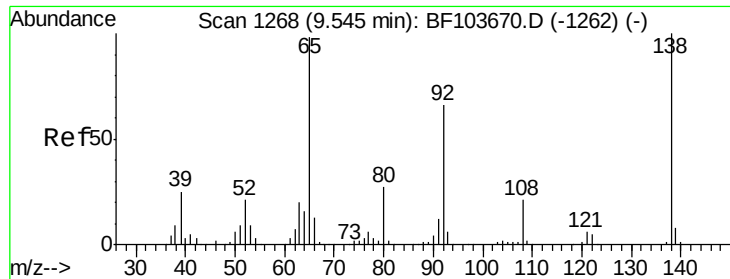


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

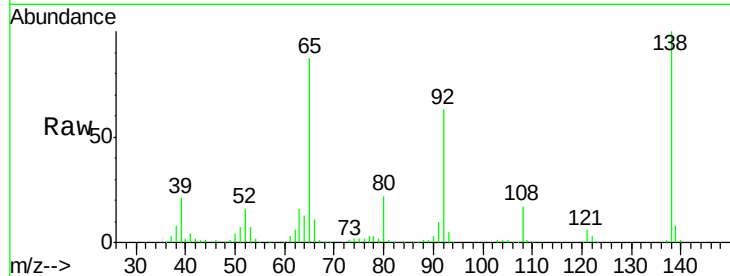




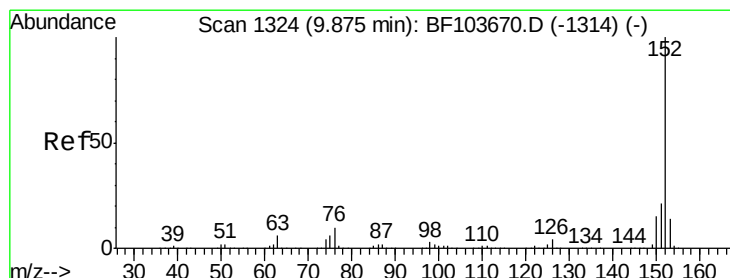
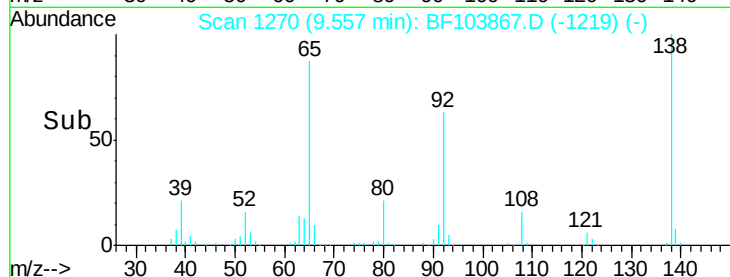
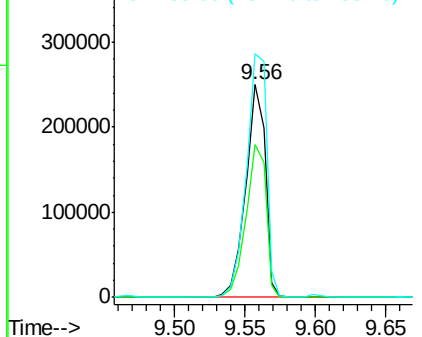
#47
2-Nitroaniline
Concen: 49.484 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 242815
Ion Ratio Lower Upper
65 100
92 72.0 55.8 83.6
138 114.5 91.2 136.8

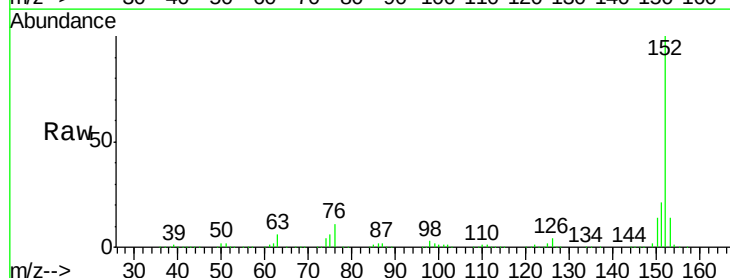


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

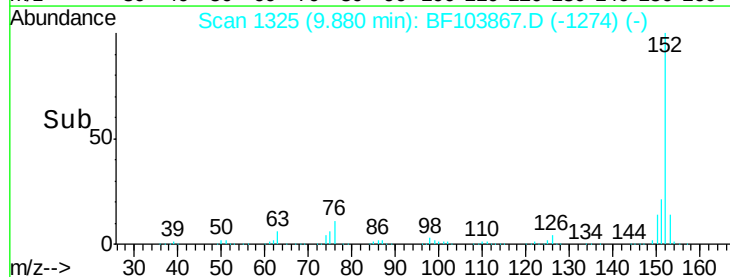
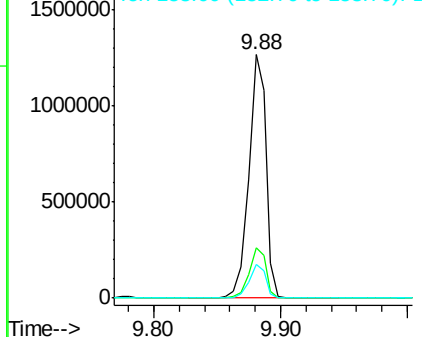


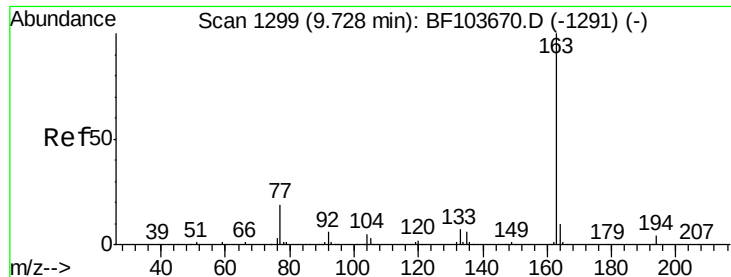
#48
Acenaphthylene
Concen: 40.962 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion: 152 Resp: 1185577
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 13.6 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: 43.710 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

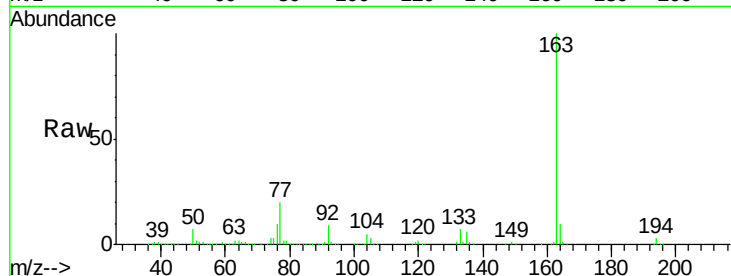
Tot Ion:163 Resp: 939837

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

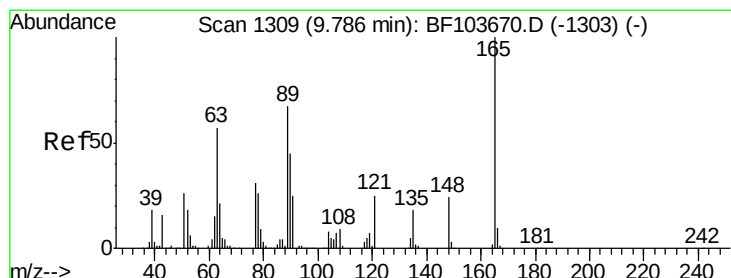
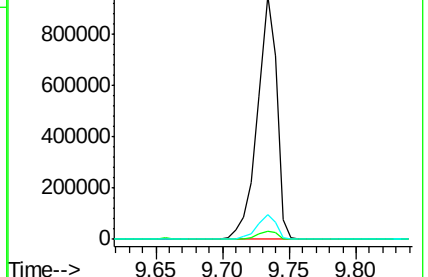
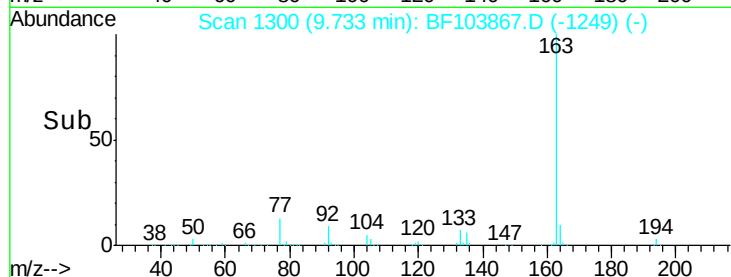
164 10.1 8.2 12.2



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: 51.171 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

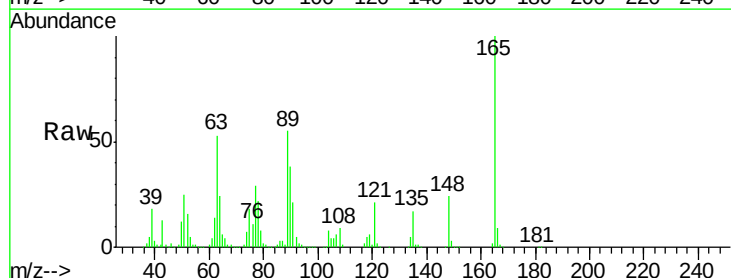
Tgt Ion:165 Resp: 214032

Ion Ratio Lower Upper

165 100

63 52.7 44.7 67.1

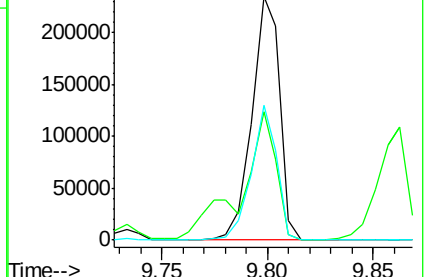
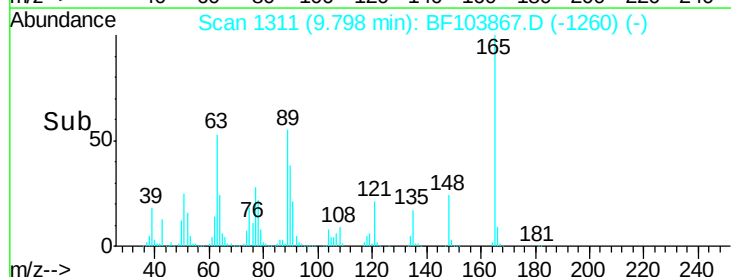
89 55.3 44.0 66.0

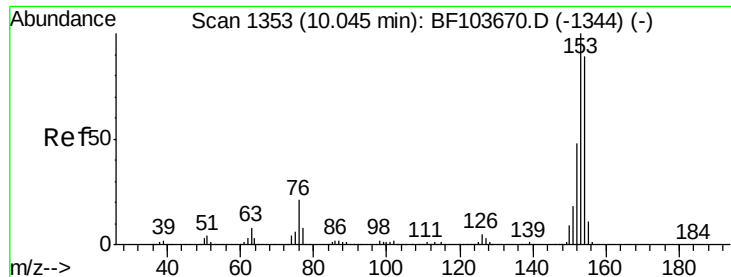


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 40.499 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

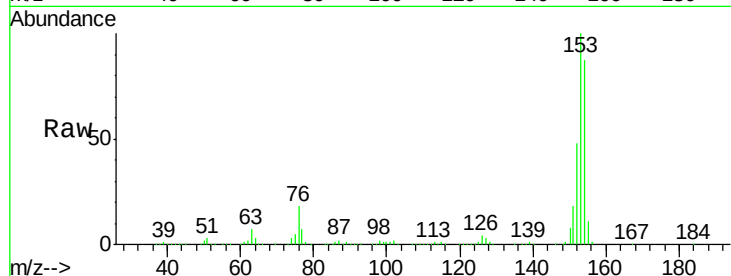
Tot Ion:154 Resp: 696015

Ion Ratio Lower Upper

154 100

153 114.3 91.2 136.8

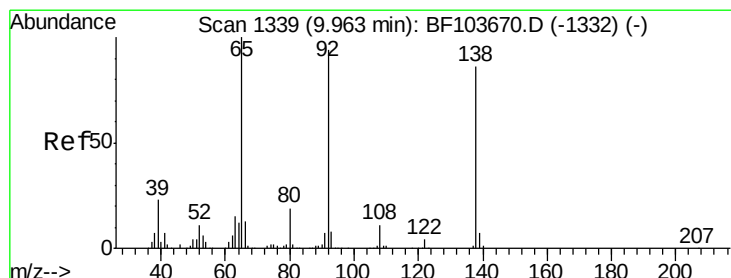
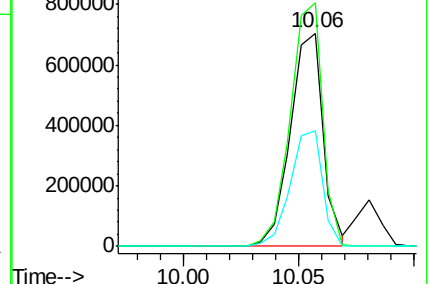
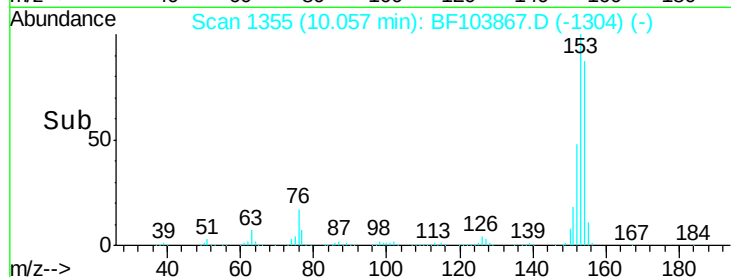
152 54.5 43.8 65.8



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: 26.751 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

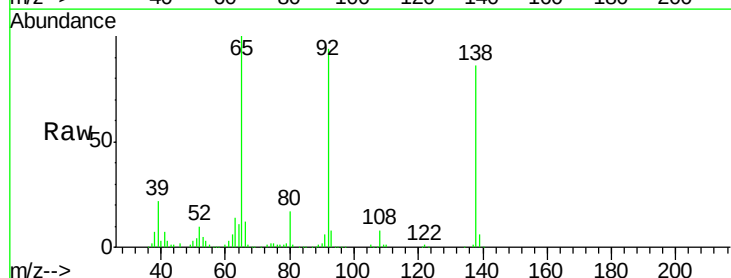
Tgt Ion:138 Resp: 124208

Ion Ratio Lower Upper

138 100

108 9.8 9.4 14.0

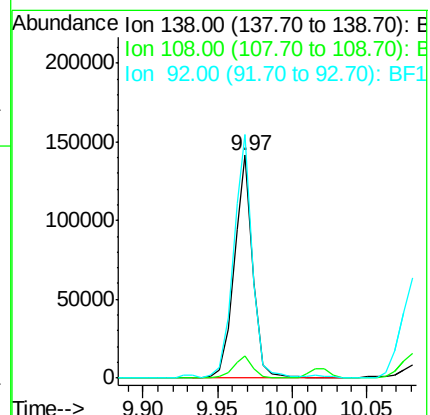
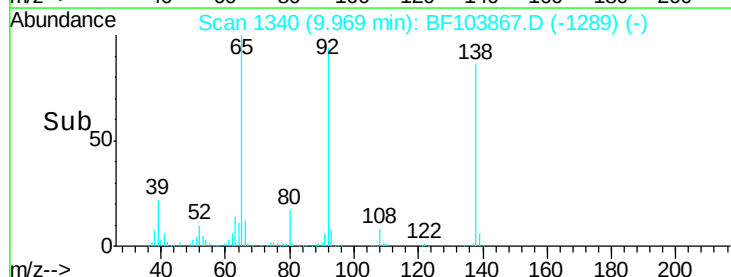
92 109.4 89.4 134.2

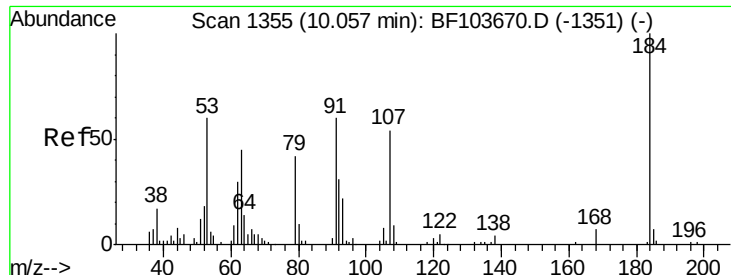


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1





#53

2,4-Dinitrophenol

Concen: 119.055 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampled :

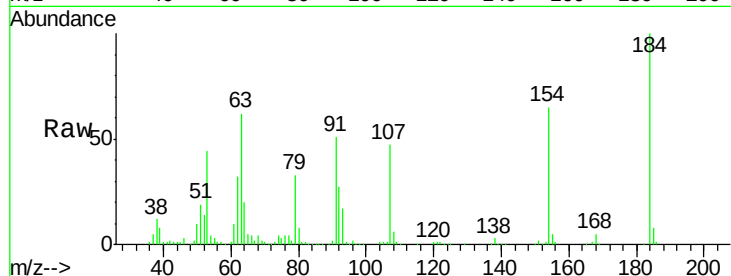
Tot Ion:184 Resp: 210559

Ion Ratio Lower Upper

184 100

63 62.2 54.2 81.2

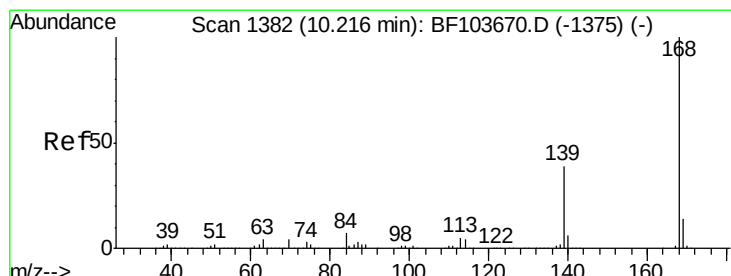
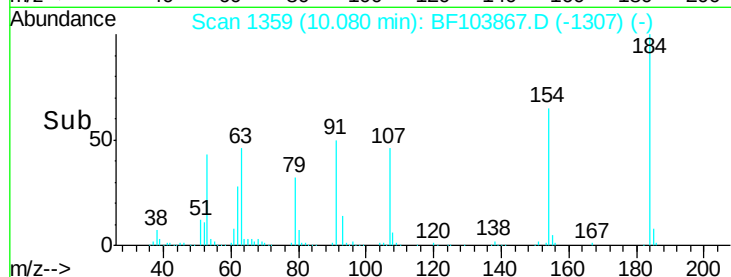
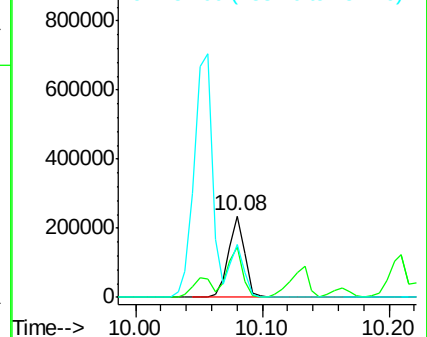
154 65.1 184.0 276.0#



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: 43.304 ng

RT: 10.23 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

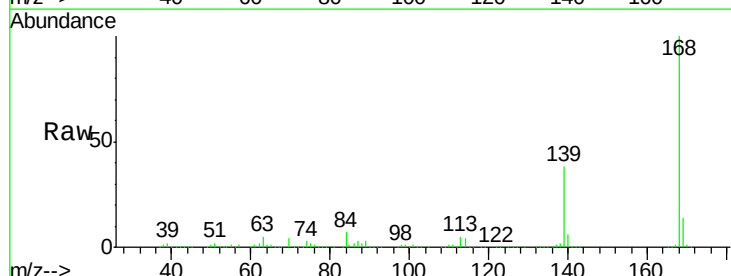
Tgt Ion:168 Resp: 1062910

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

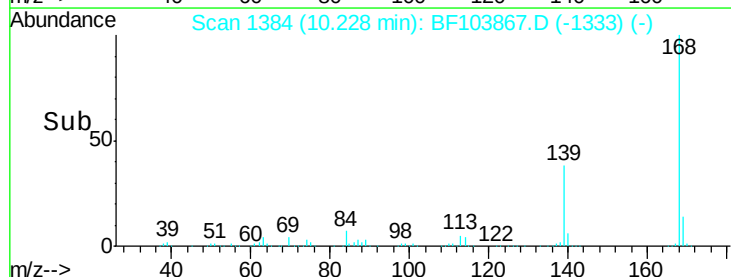
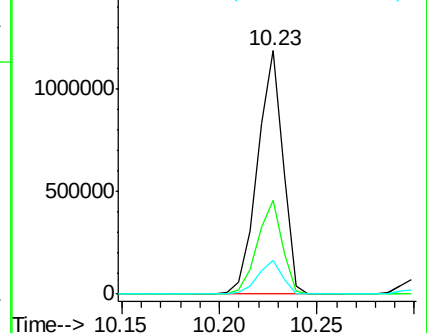
169 13.6 10.9 16.3

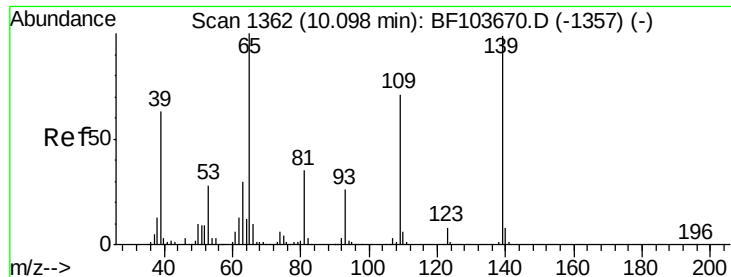


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

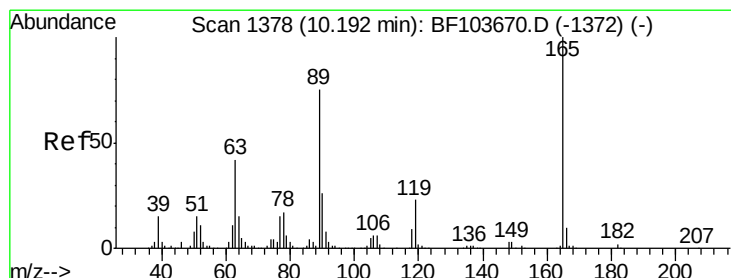
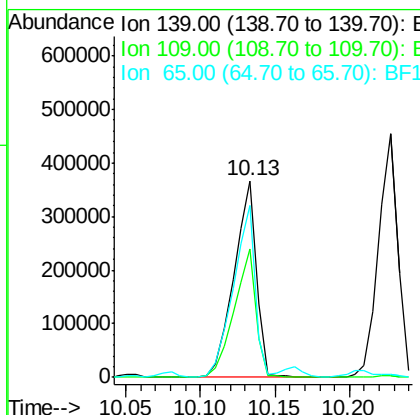
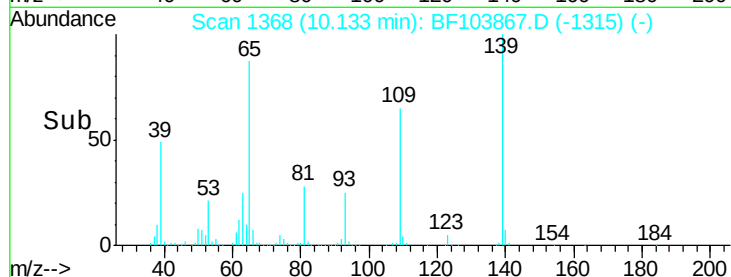
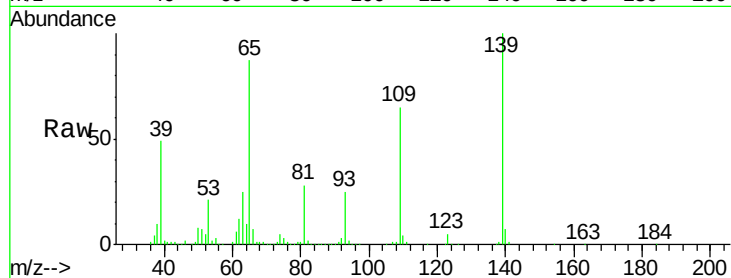




#55
4-Nitrophenol
Concen: 97.577 ng
RT: 10.13 min Scan# 1368
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

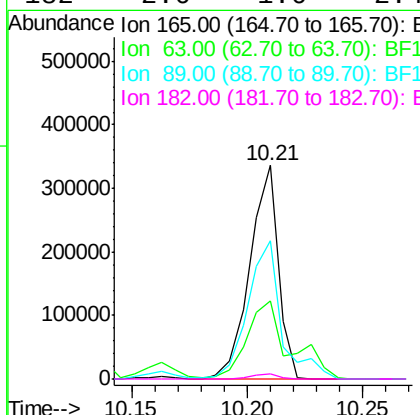
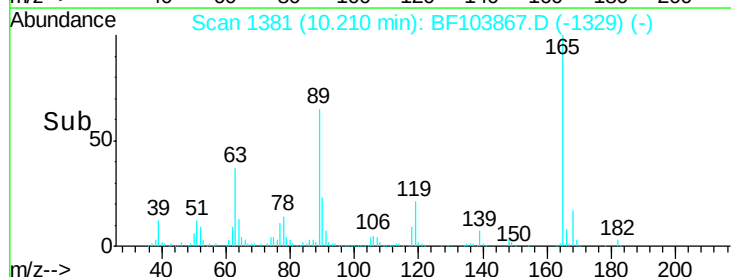
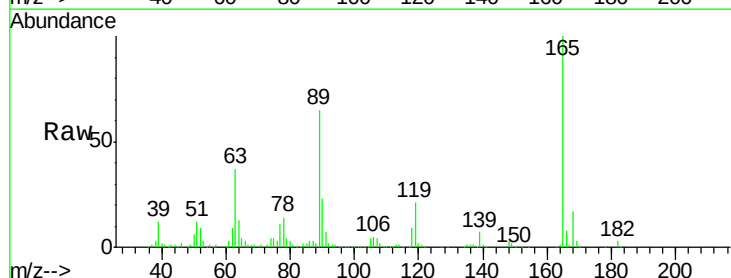
Instrument :
BNA_F
ClientSampleId :

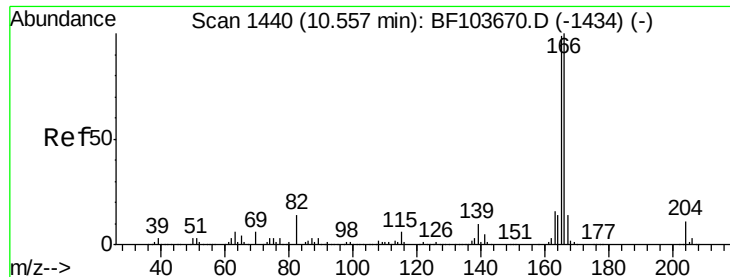
Tot Ion:139 Resp: 388699
Ion Ratio Lower Upper
139 100
109 65.3 48.4 88.4
65 87.4 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 54.552 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:165 Resp: 292593
Ion Ratio Lower Upper
165 100
63 36.9 36.4 54.6
89 64.7 57.8 86.6
182 2.6 1.6 2.4#

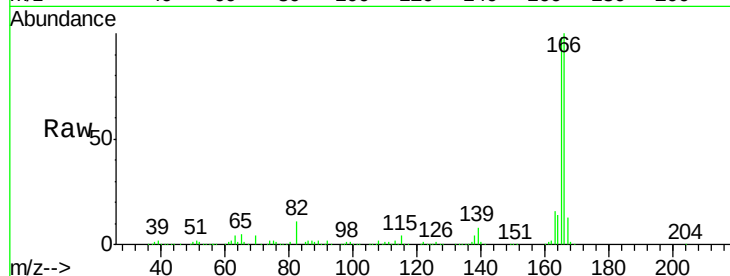




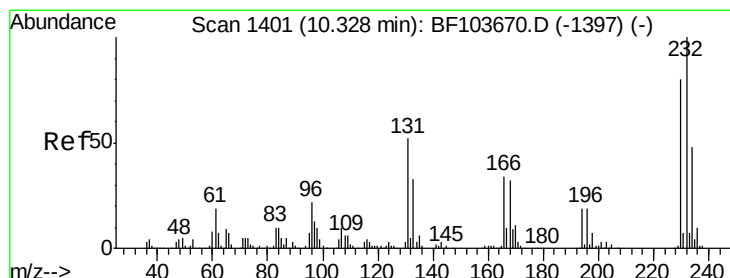
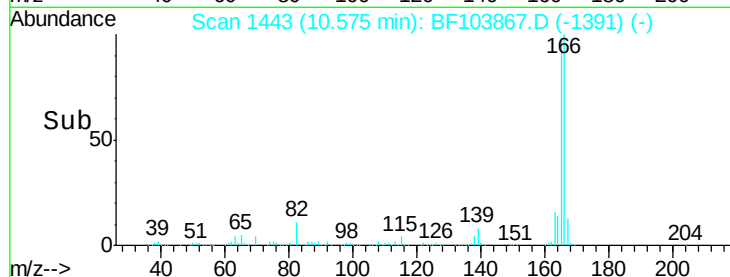
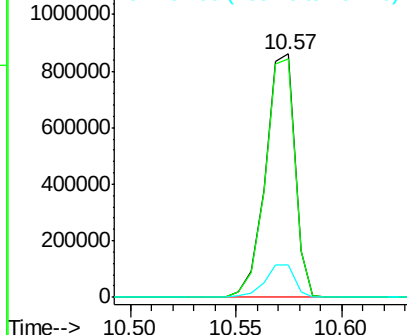
#57
 Fluorene
 Concen: 43.649 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:166 Resp: 831356
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.8 119.8
 167 13.2 10.6 16.0



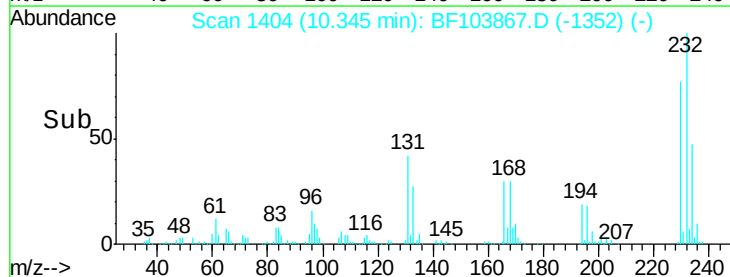
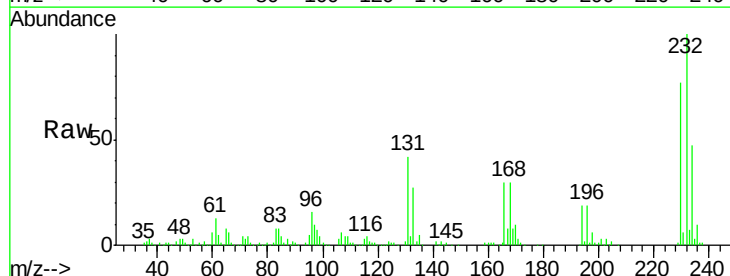
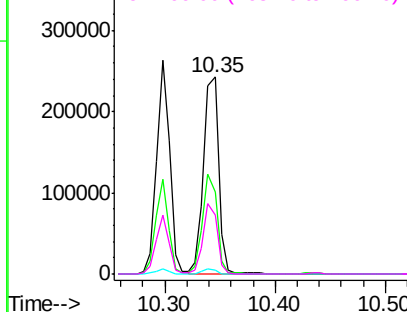
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

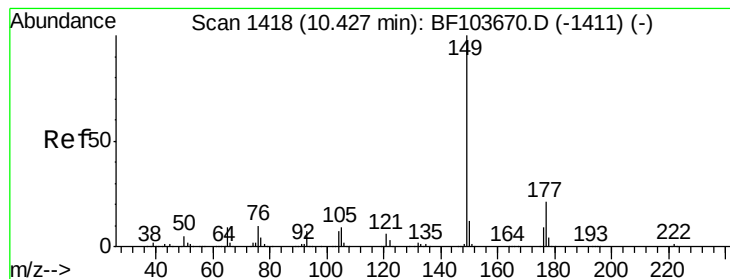


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.594 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion:232 Resp: 224539
 Ion Ratio Lower Upper
 232 100
 131 48.3 43.8 65.8
 130 2.4 2.1 3.1
 166 33.5 27.8 41.6

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.858 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

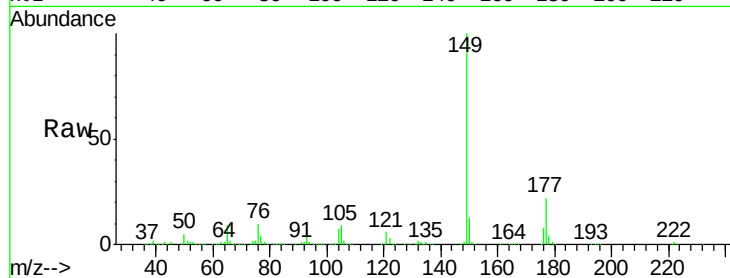
Tot Ion:149 Resp: 914616

Ion Ratio Lower Upper

149 100

177 21.5 16.1 24.1

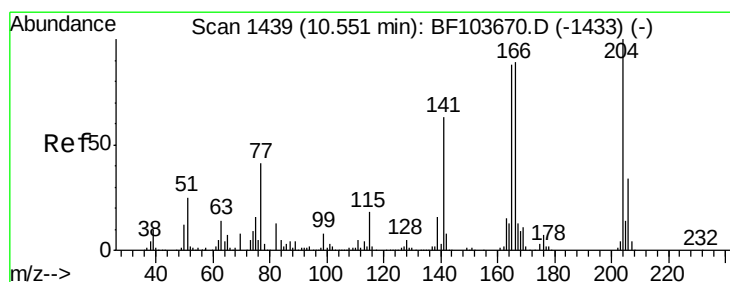
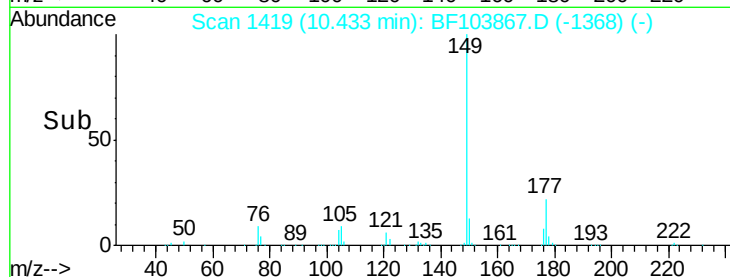
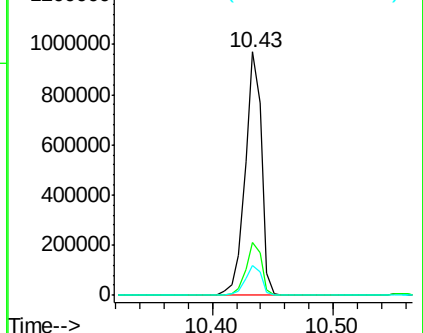
150 12.5 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.330 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

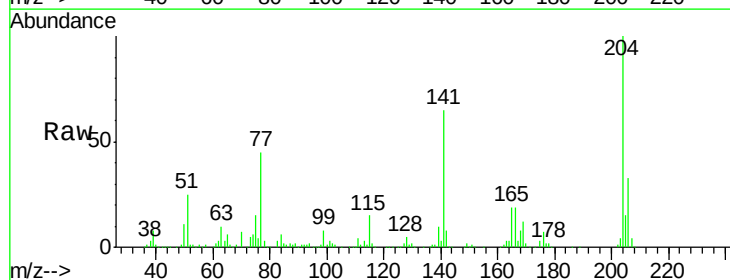
Tgt Ion:204 Resp: 385864

Ion Ratio Lower Upper

204 100

206 32.7 26.5 39.7

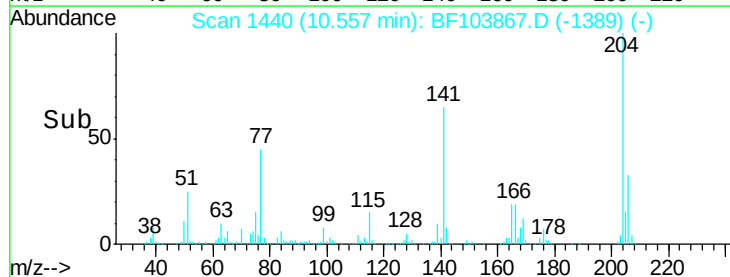
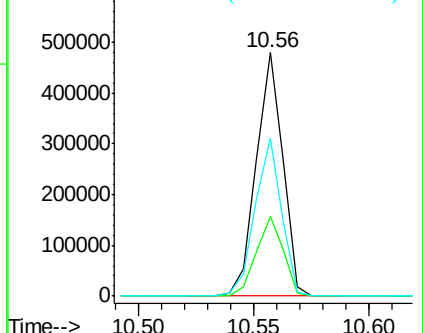
141 65.0 54.6 81.8

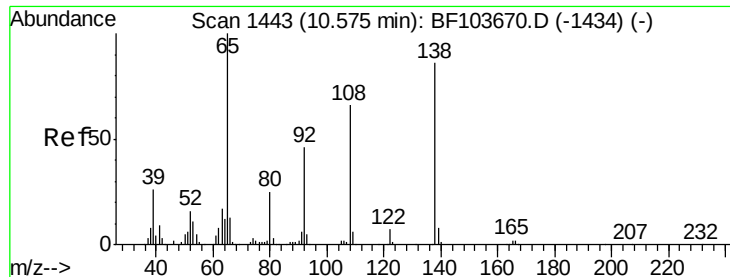


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

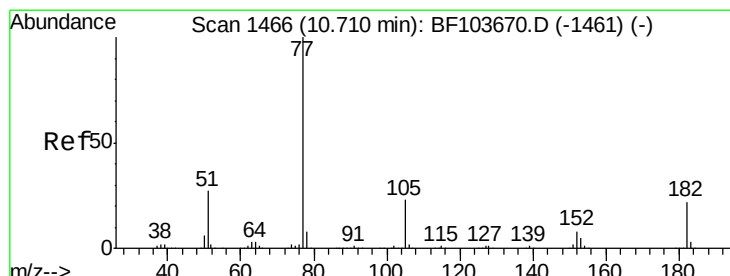
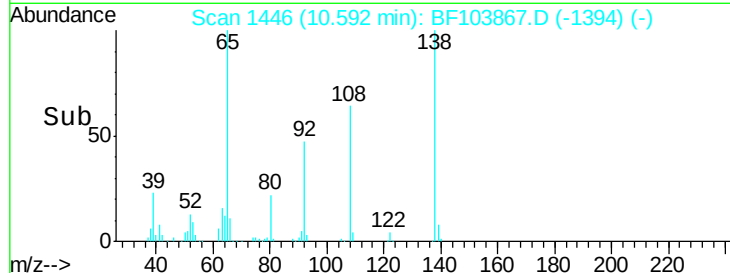
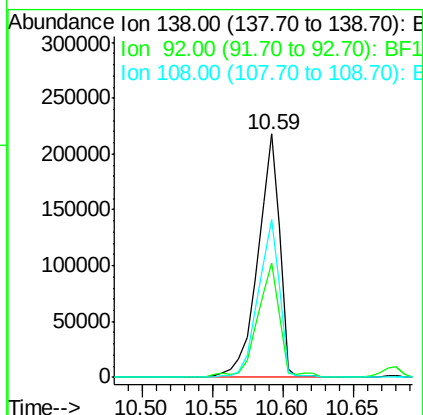
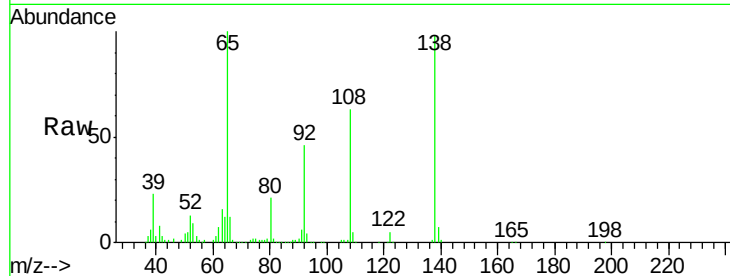




#61
4-Nitroaniline
Concen: 49.598 ng
RT: 10.59 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

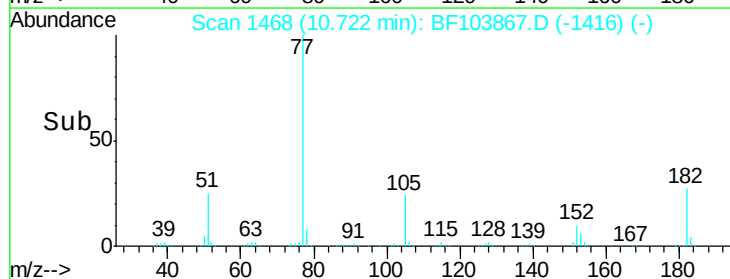
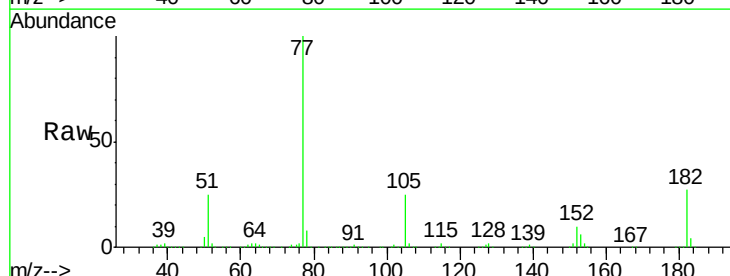
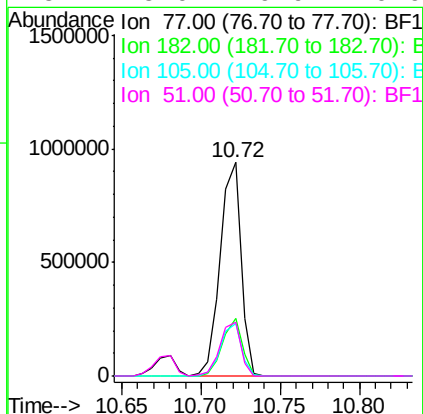
Instrument :
BNA_F
ClientSampled :

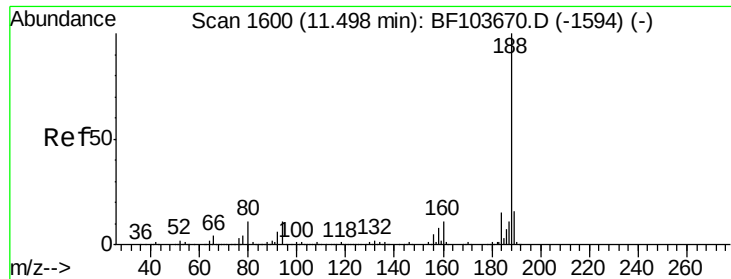
Tot Ion:138 Resp: 238609
Ion Ratio Lower Upper
138 100
92 47.2 30.2 70.2
108 64.7 52.5 92.5



#62
Azobenzene
Concen: 39.694 ng
RT: 10.72 min Scan# 1468
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion: 77 Resp: 861237
Ion Ratio Lower Upper
77 100
182 27.1 1.7 41.7
105 24.6 3.0 43.0
51 25.0 9.9 49.9

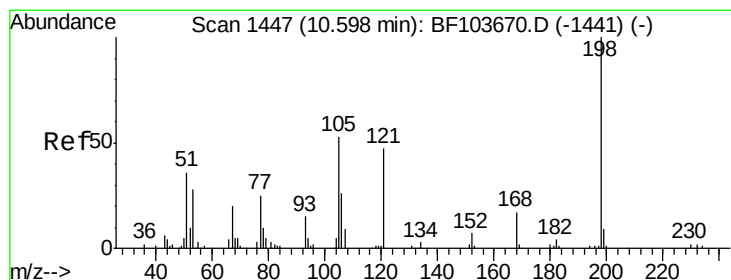
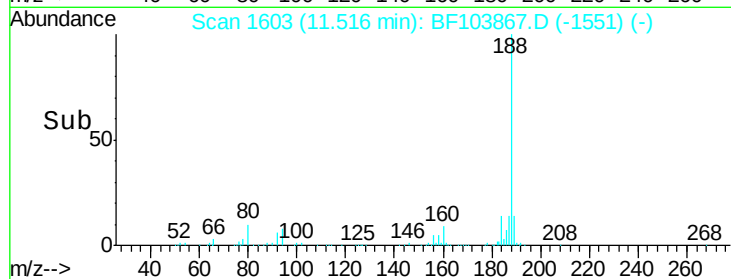
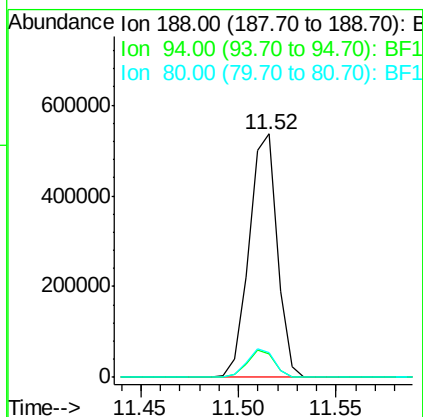
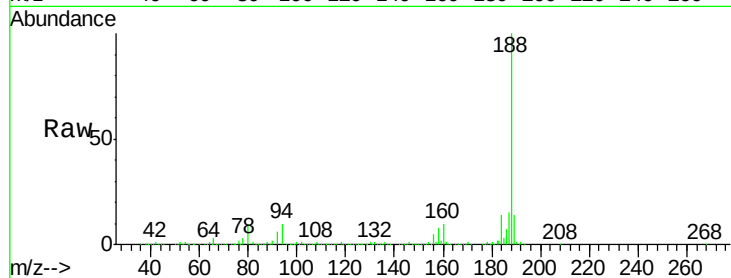




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1603
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

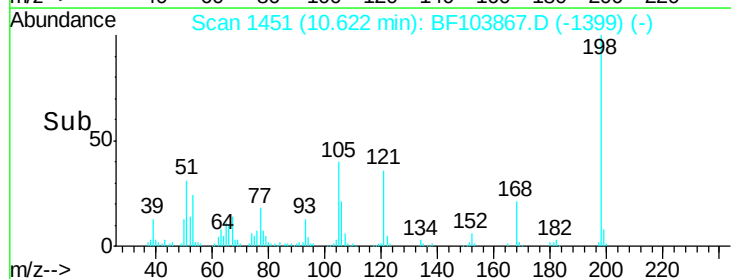
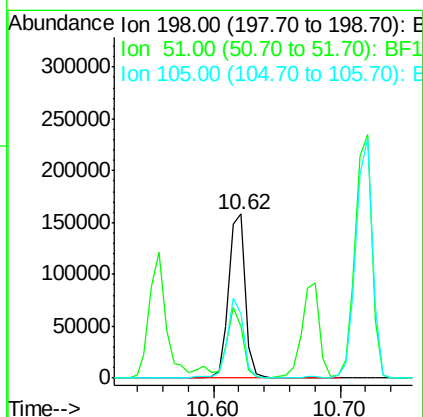
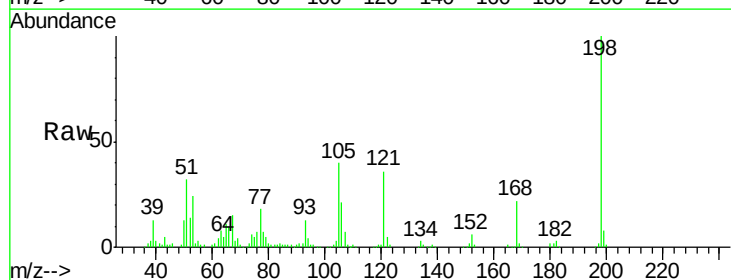
Instrument :
BNA_F
ClientSampleId :

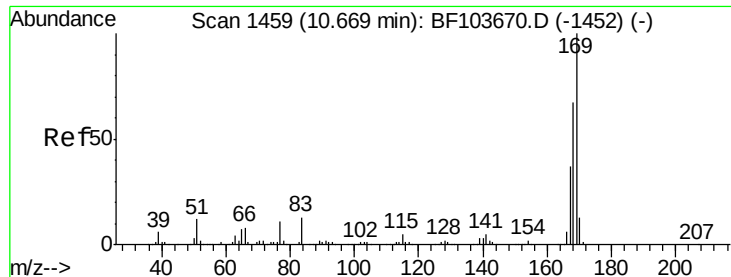
Tot Ion:188 Resp: 535720
Ion Ratio Lower Upper
188 100
94 9.7 8.5 12.7
80 10.4 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 62.940 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:198 Resp: 142181
Ion Ratio Lower Upper
198 100
51 31.6 37.7 77.7#
105 39.6 36.3 76.3





#65

n-Nitrosodiphenylamine

Concen: 41.210 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

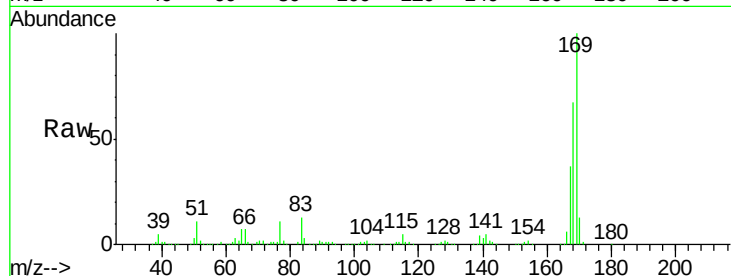
Tot Ion:169 Resp: 751462

Ion Ratio Lower Upper

169 100

168 67.2 54.4 81.6

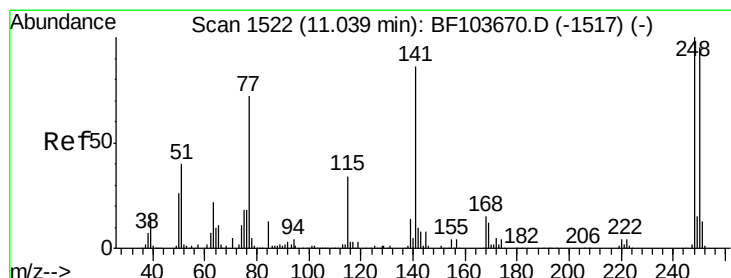
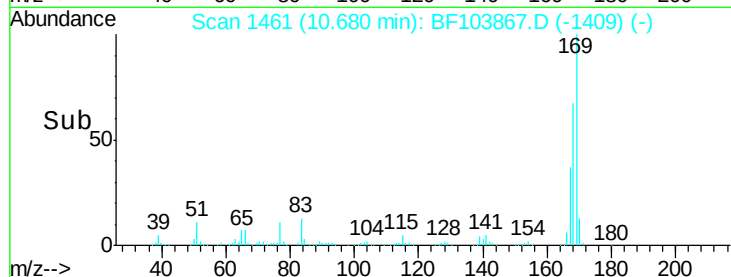
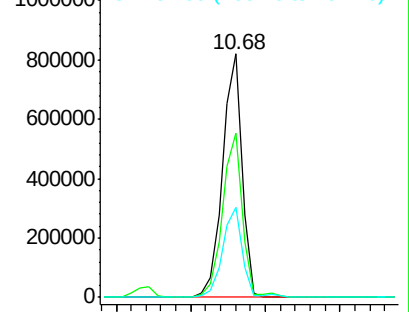
167 37.0 29.8 44.6



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: 42.997 ng

RT: 11.05 min Scan# 1524

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

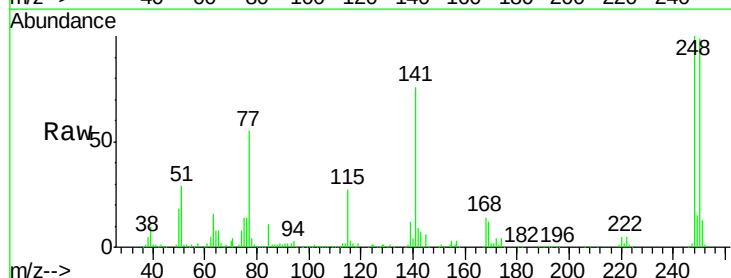
Tgt Ion:248 Resp: 236501

Ion Ratio Lower Upper

248 100

250 99.3 76.9 115.3

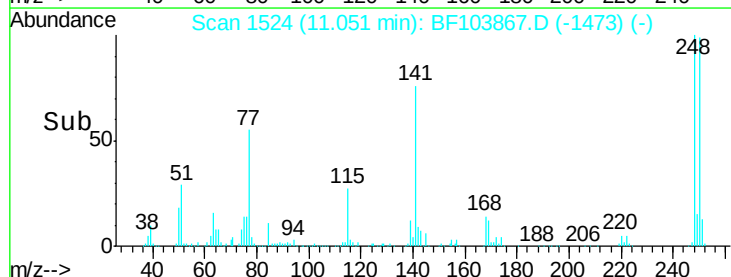
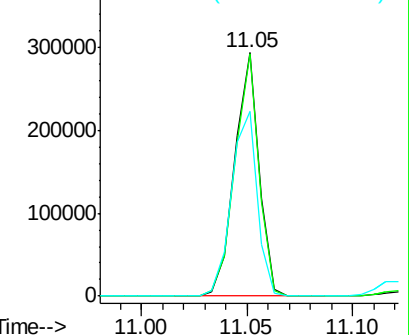
141 75.9 74.4 111.6

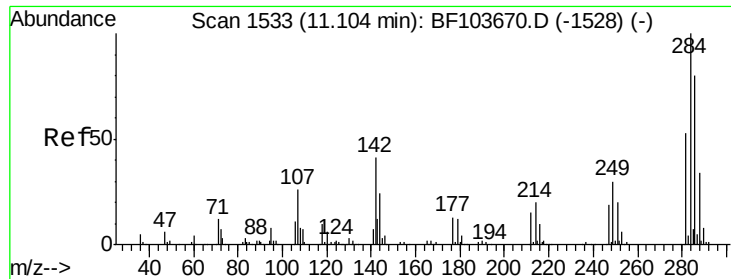


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.869 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

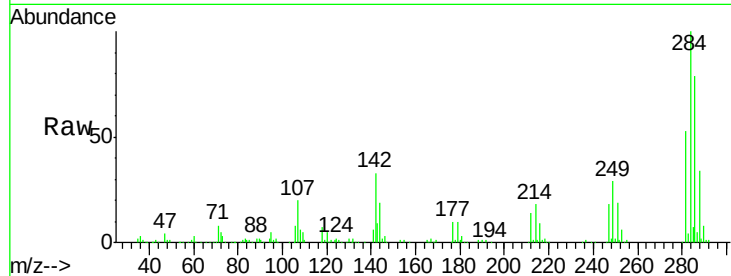
Tot Ion:284 Resp: 269124

Ion Ratio Lower Upper

284 100

142 33.0 34.6 52.0#

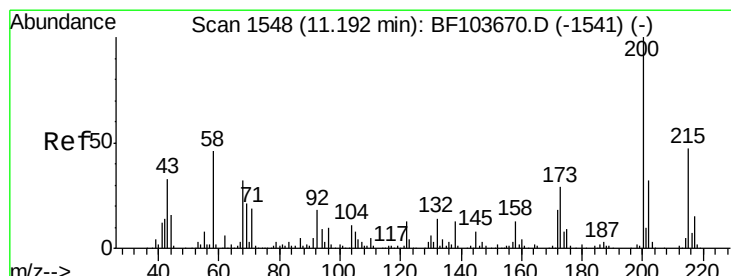
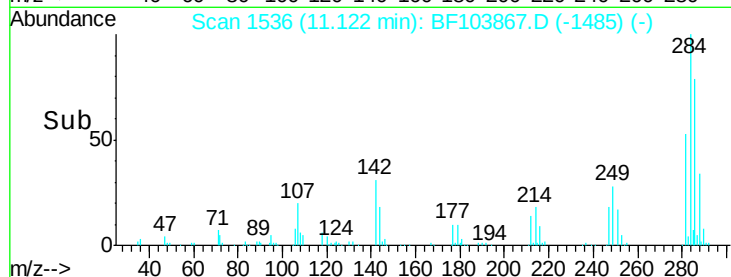
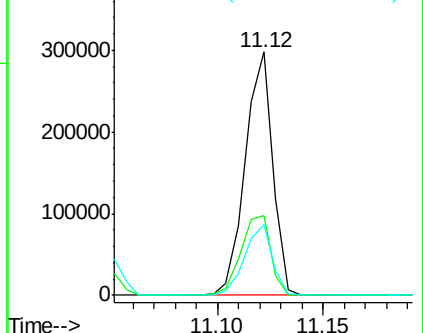
249 29.1 24.8 37.2



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: 44.601 ng

RT: 11.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

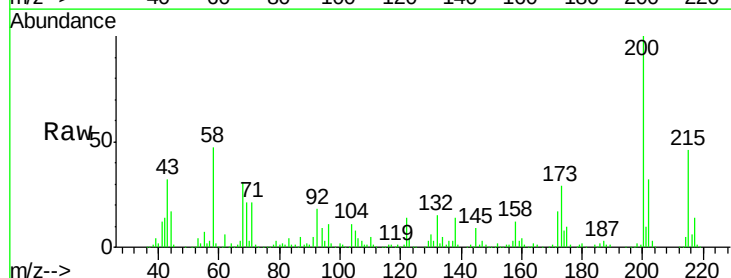
Tgt Ion:200 Resp: 251589

Ion Ratio Lower Upper

200 100

173 28.7 8.6 48.6

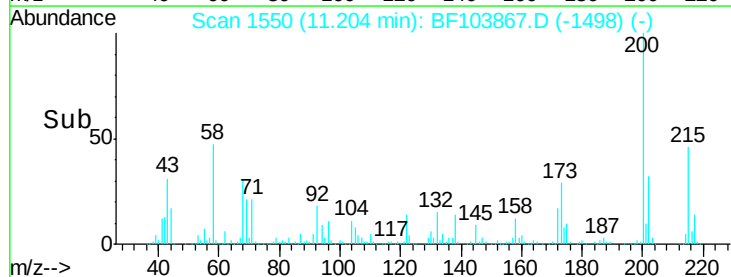
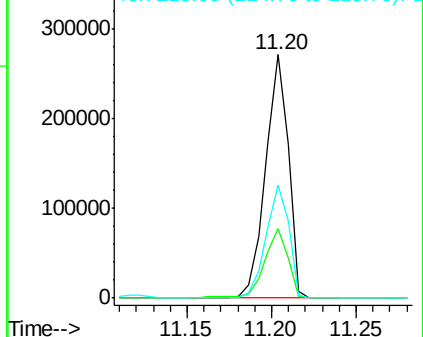
215 46.4 25.1 65.1

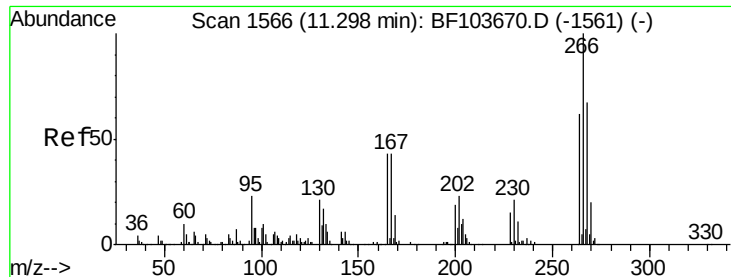


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

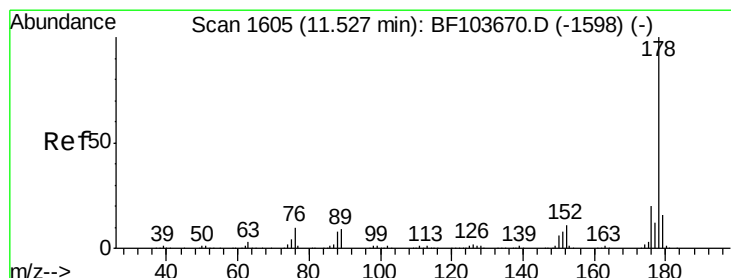
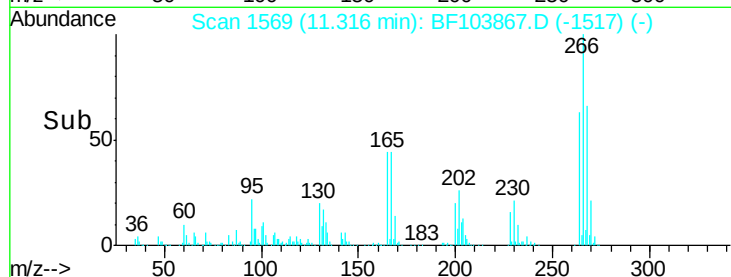
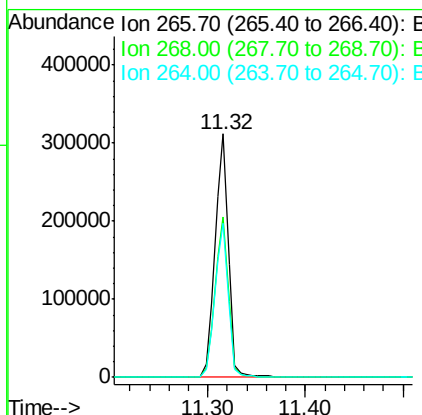
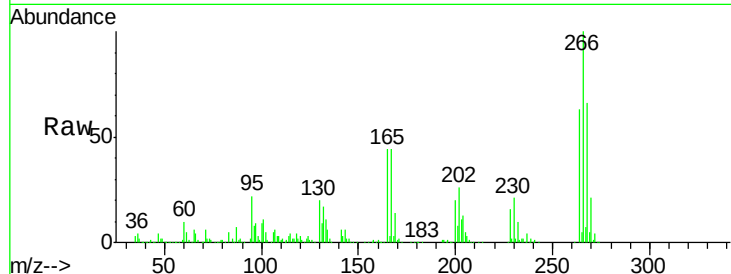




#69
 Pentachlorophenol
 Concen: 81.910 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

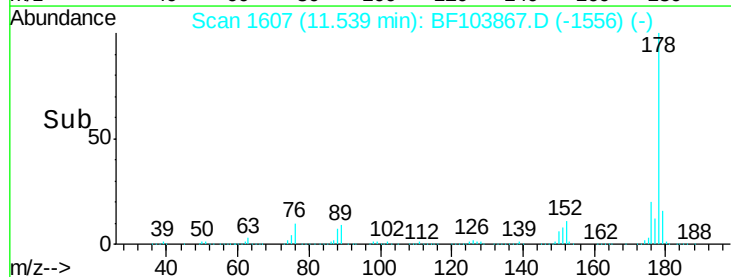
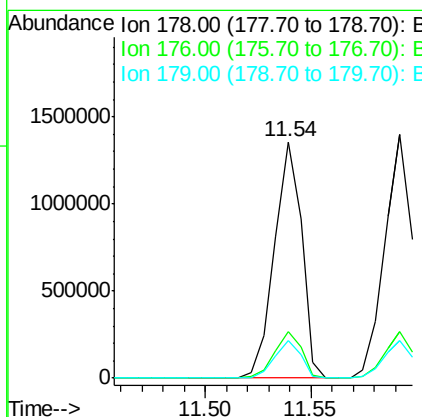
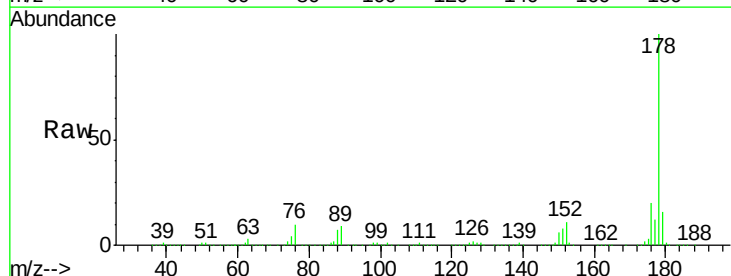
Instrument :
 BNA_F
 ClientSampleId :

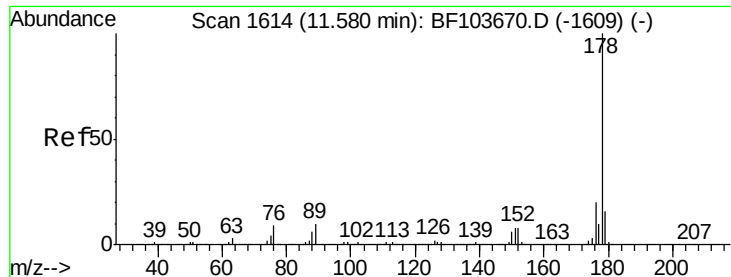
Tot Ion:266 Resp: 295633
 Ion Ratio Lower Upper
 266 100
 268 65.9 51.1 76.7
 264 63.2 49.5 74.3



#70
 Phenanthrene
 Concen: 41.671 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion:178 Resp: 1221162
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.8
 179 15.8 13.0 19.6

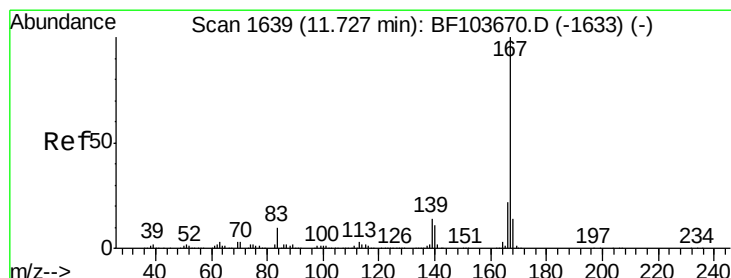
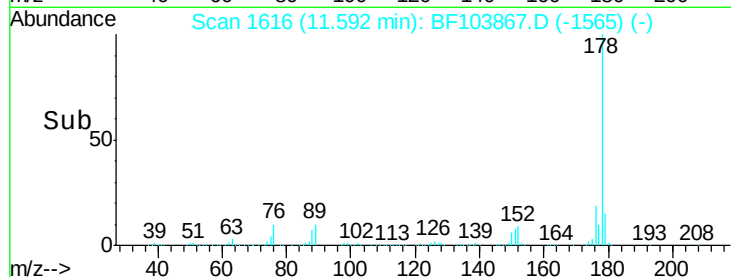
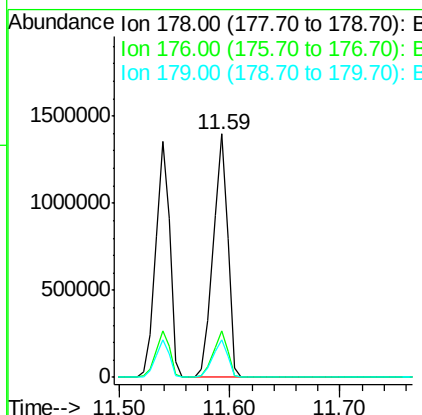
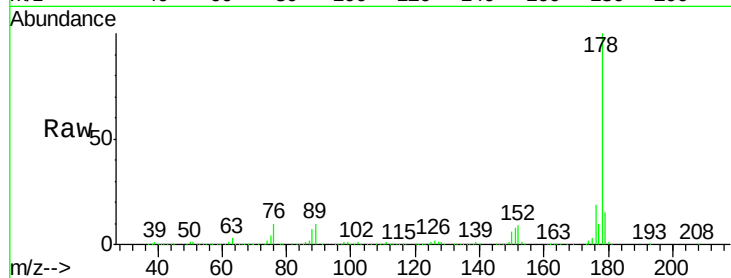




#71
 Anthracene
 Concen: 42.448 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

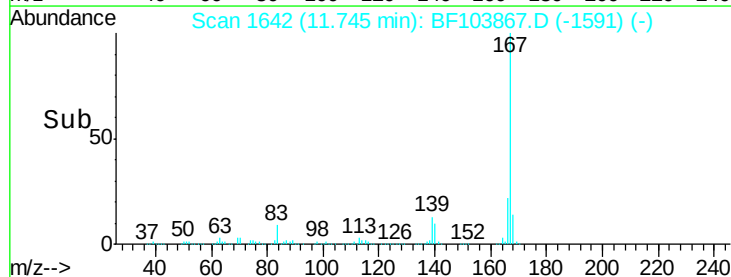
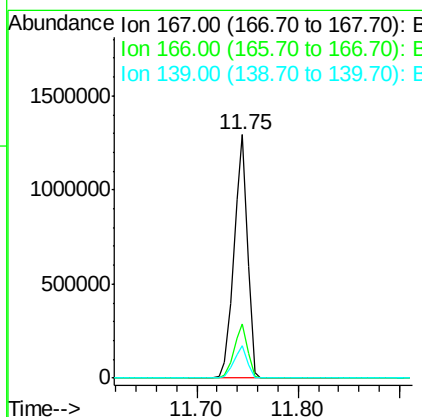
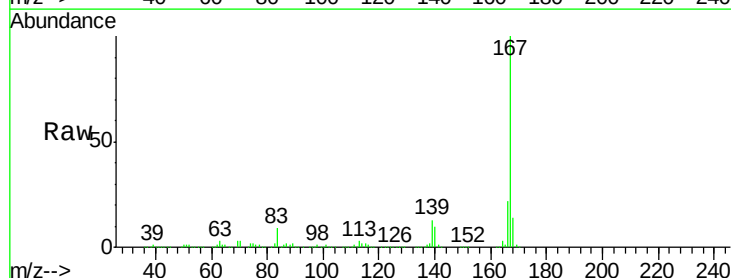
Instrument :
 BNA_F
 ClientSampleId :

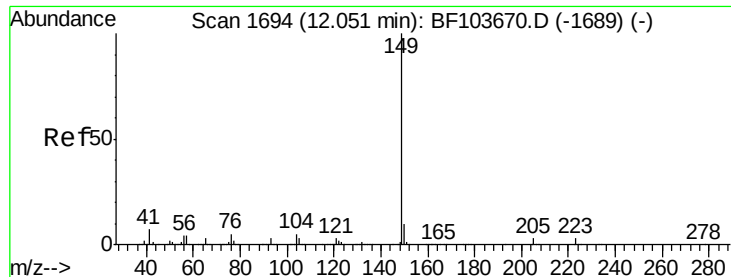
Tot Ion:178 Resp: 1263416
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.4 12.6 19.0



#72
 Carbazole
 Concen: 41.388 ng
 RT: 11.75 min Scan# 1642
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion:167 Resp: 1197317
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.6 26.4
 139 13.3 10.9 16.3





#73

Di-n-butylphthalate

Concen: 41.631 ng

RT: 12.06 min Scan# 1696

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

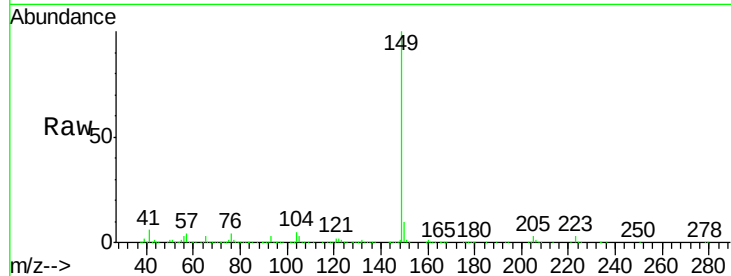
Tot Ion:149 Resp: 1445078

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

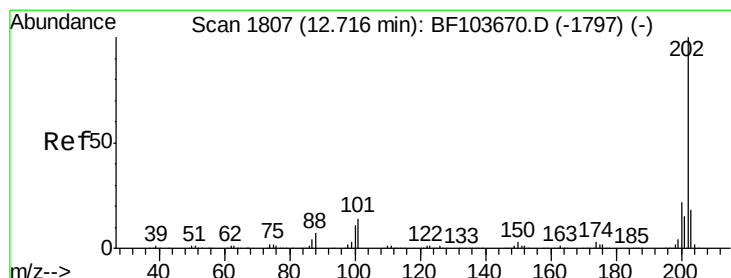
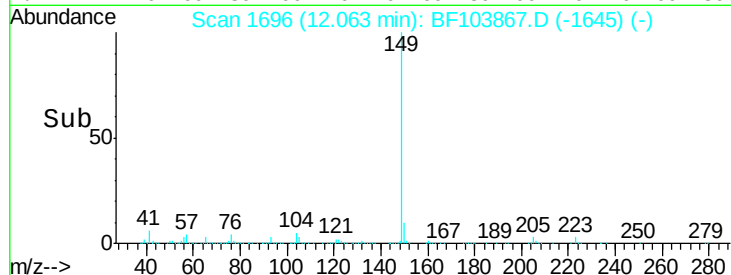
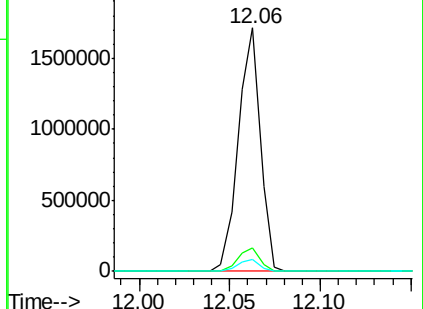
104 4.6 3.8 5.8



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: 43.386 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

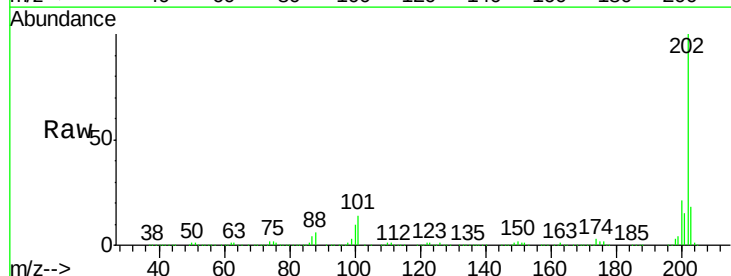
Tgt Ion:202 Resp: 1309857

Ion Ratio Lower Upper

202 100

101 13.6 0.0 34.1

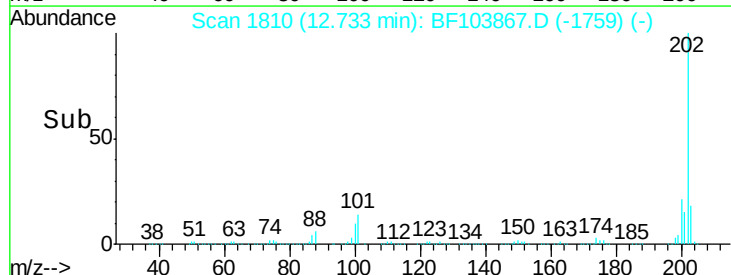
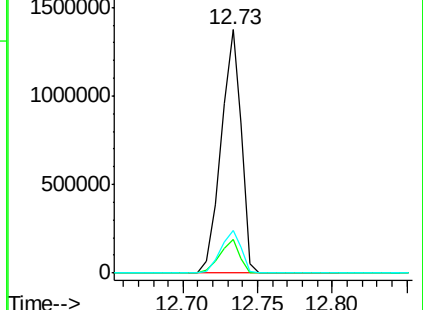
203 17.7 0.0 38.1

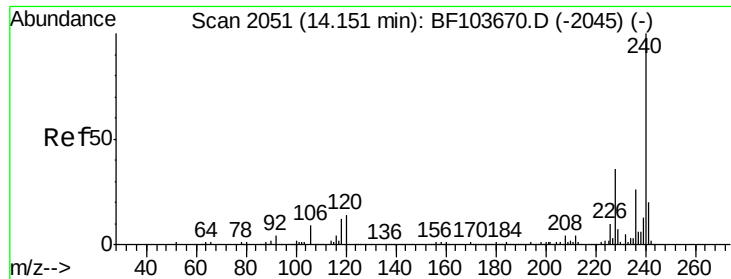


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.17 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

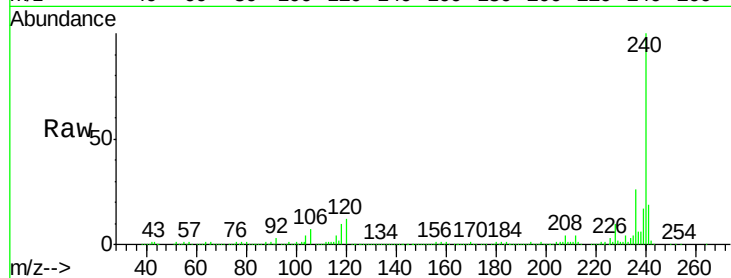
Tot Ion:240 Resp: 463297

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

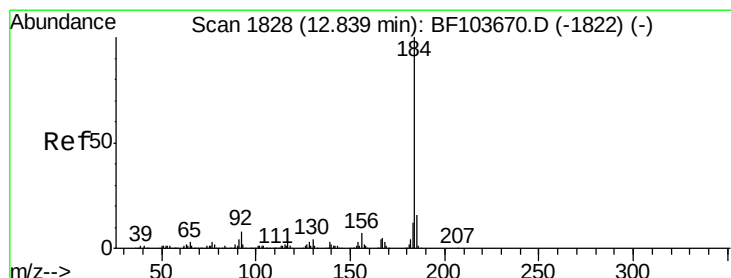
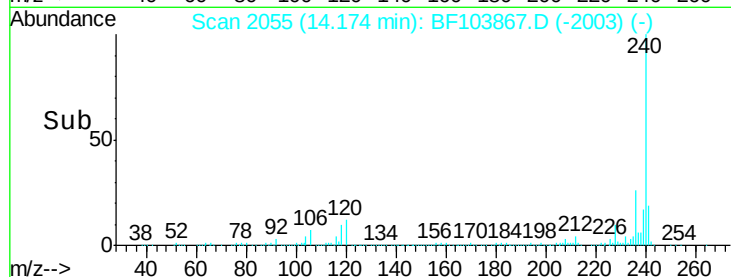
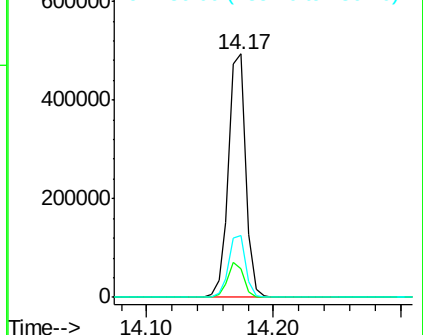
236 25.5 20.7 31.1



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: 21.085 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

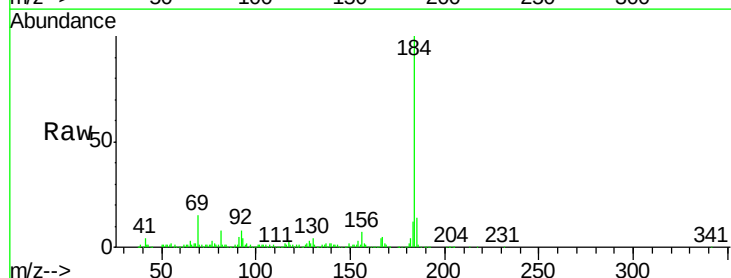
Tgt Ion:184 Resp: 416640

Ion Ratio Lower Upper

184 100

185 14.3 12.6 18.8

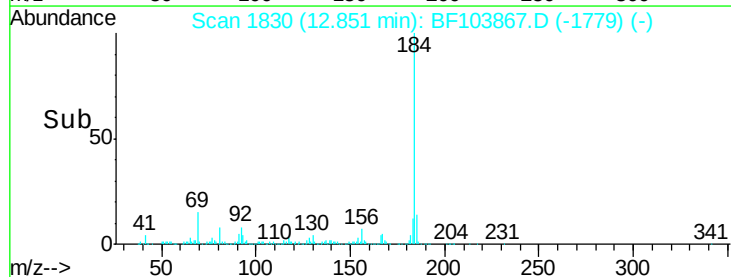
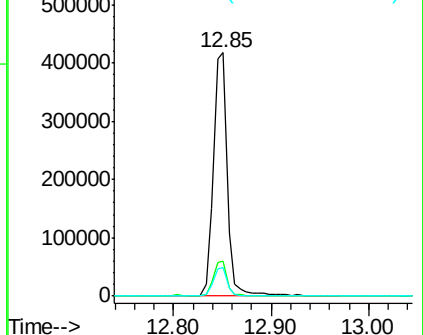
183 11.8 9.3 13.9

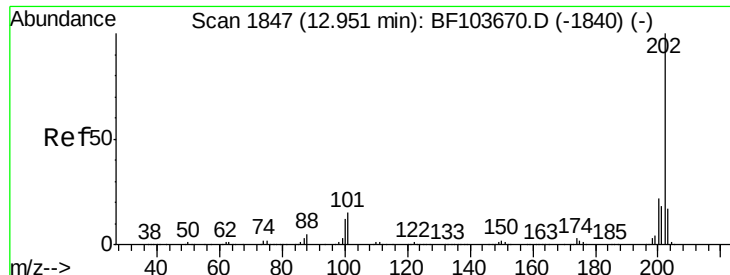


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

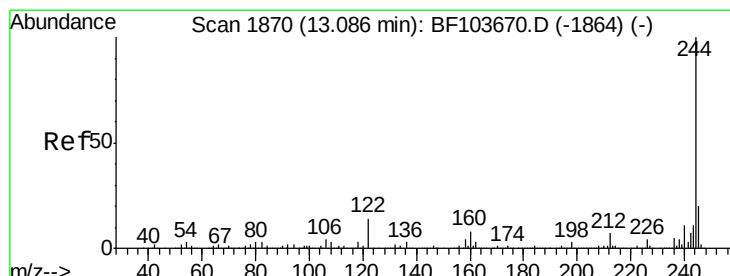
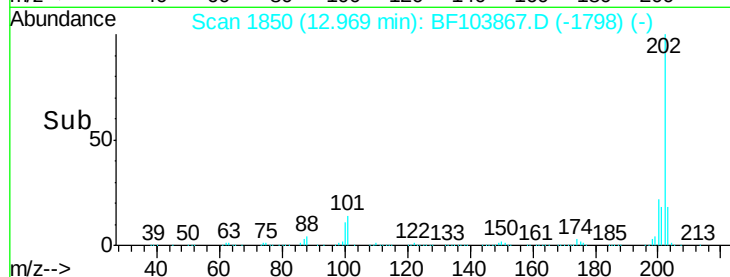
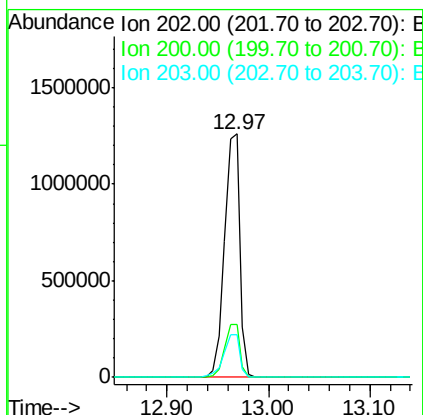
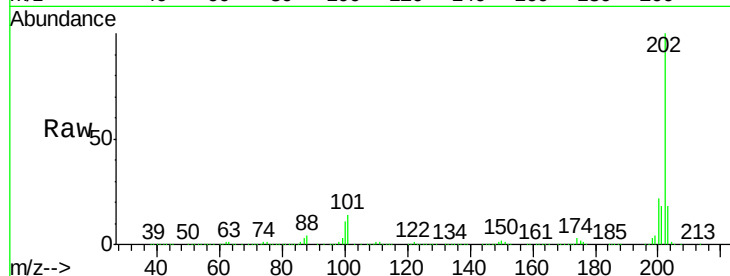




#77
Pvrene
Concen: 38.863 ng
RT: 12.97 min Scan# 1850
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

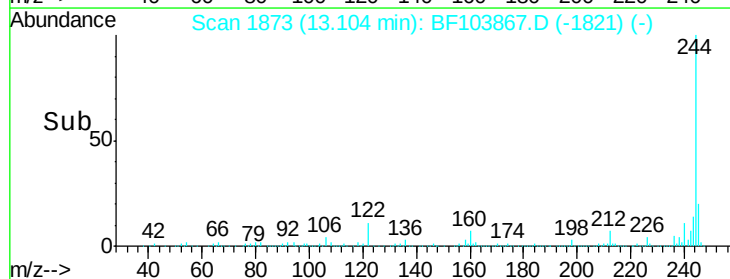
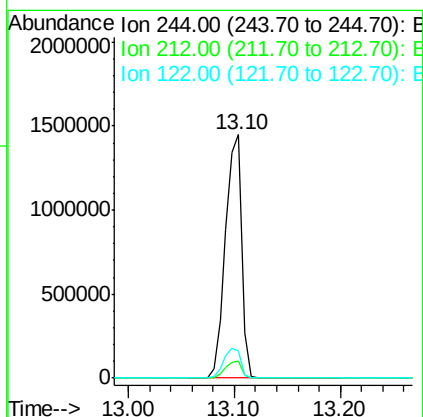
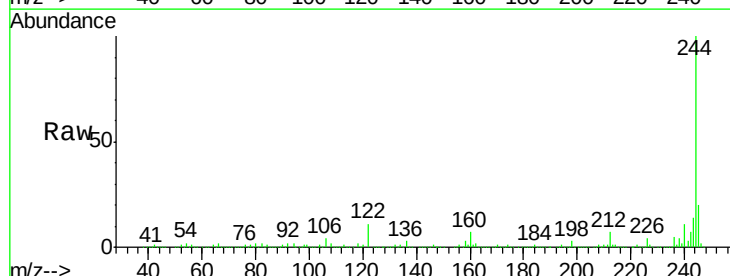
Instrument :
BNA_F
ClientSampleId :

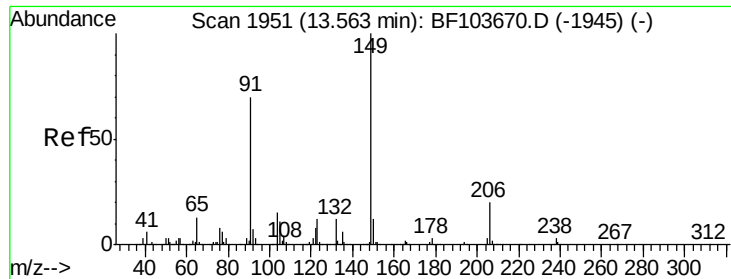
Tot Ion:202 Resp: 1322280
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.2
203 17.8 14.3 21.5



#78
Terphenyl-d14
Concen: 77.550 ng
RT: 13.10 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:244 Resp: 1547877
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.2 11.0 16.4

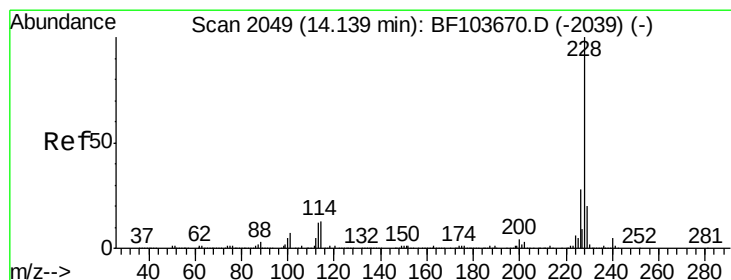
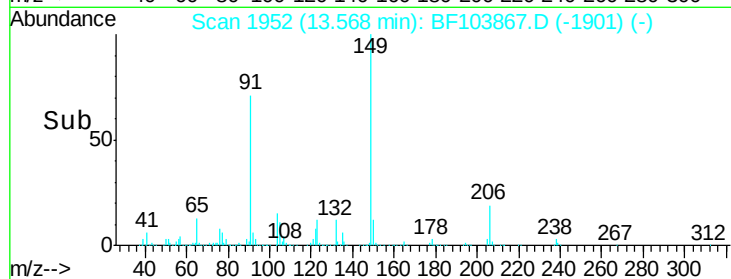
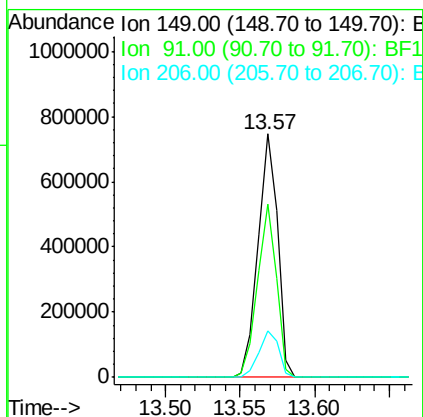
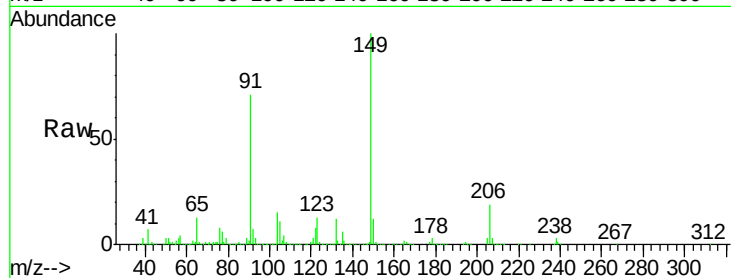




#79
Butylbenzylphthalate
Concen: 44.413 ng
RT: 13.57 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

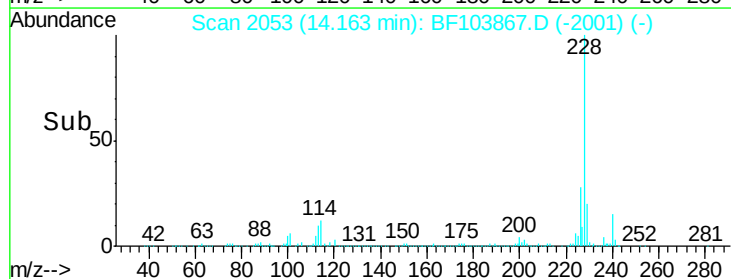
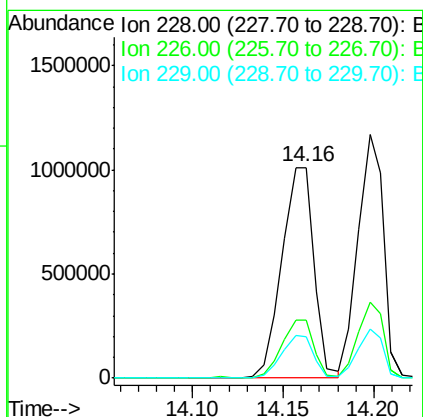
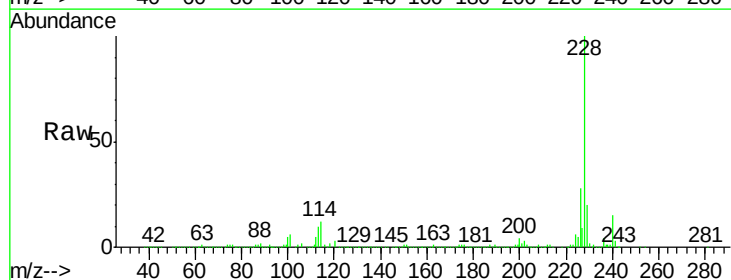
Instrument :
BNA_F
ClientSampleId :

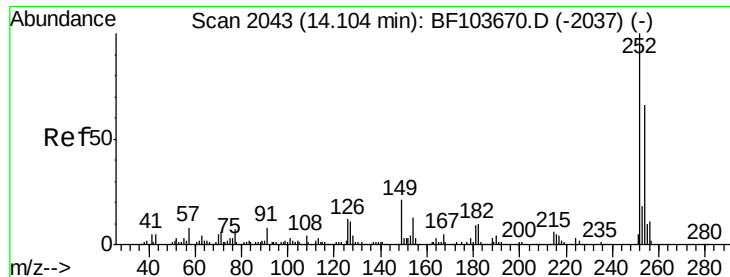
Tot Ion:149 Resp: 669508
Ion Ratio Lower Upper
149 100
91 71.2 56.8 85.2
206 19.0 14.1 21.1



#80
Benzo(a)anthracene
Concen: 42.862 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:228 Resp: 1256999
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.0 15.8 23.6

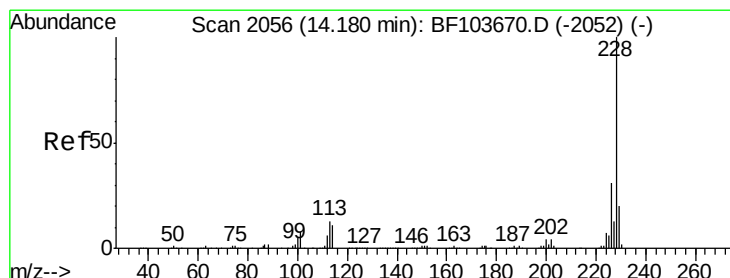
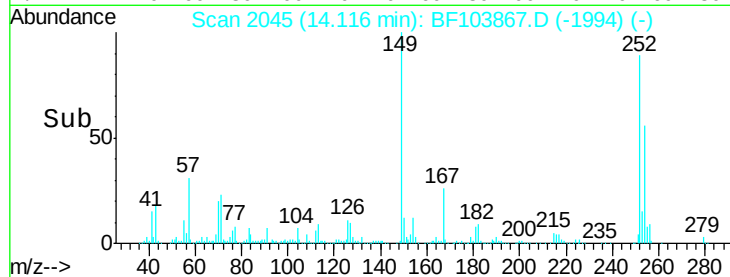
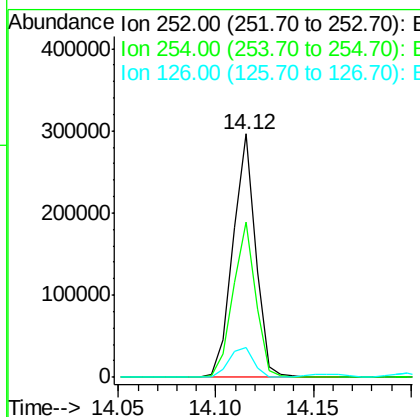
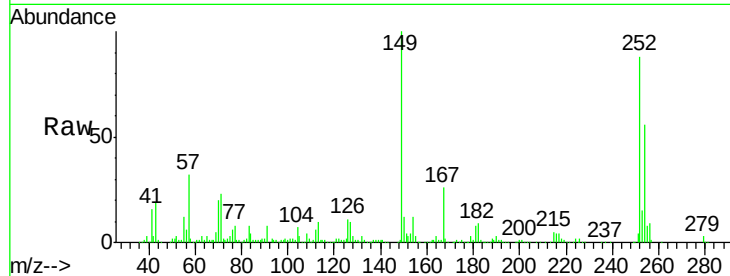




#81
 3,3'-Dichlorobenzidine
 Concen: 24.415 ng
 RT: 14.12 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

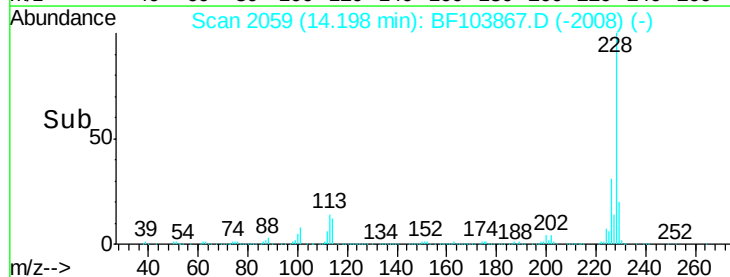
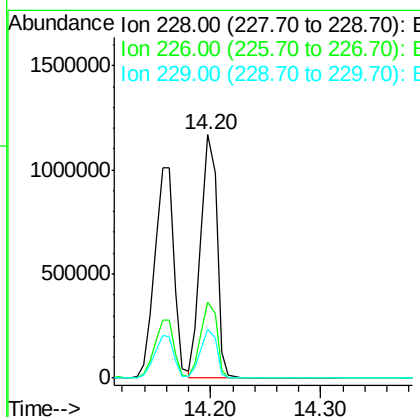
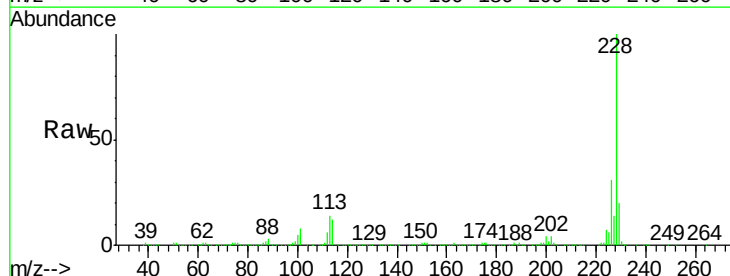
Instrument :
 BNA_F
 ClientSampleId :

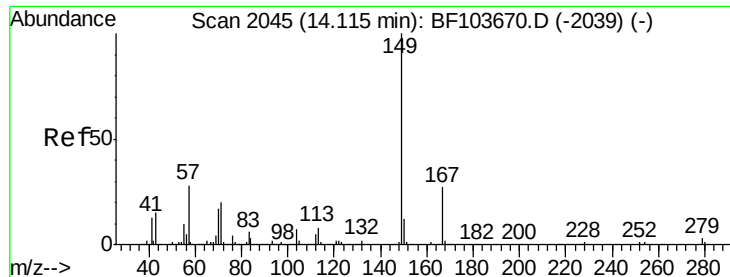
Tot Ion:252 Resp: 239499
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.4 75.6
 126 12.2 11.3 16.9



#82
 Chrysene
 Concen: 41.289 ng
 RT: 14.20 min Scan# 2059
 Delta R.T. -0.00 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Tgt Ion:228 Resp: 1154264
 Ion Ratio Lower Upper
 228 100
 226 31.2 25.0 37.6
 229 20.1 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.236 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

Instrument :

BNA_F

ClientSampleId :

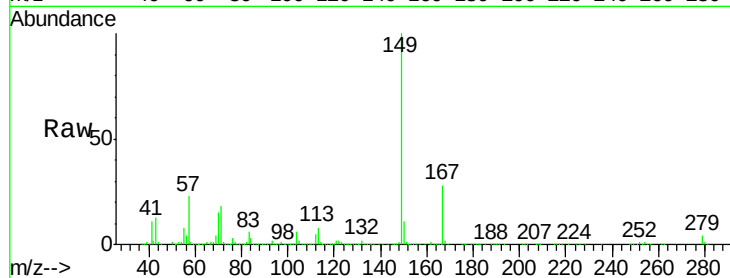
Tot Ion:149 Resp: 909564

Ion Ratio Lower Upper

149 100

167 27.6 21.3 31.9

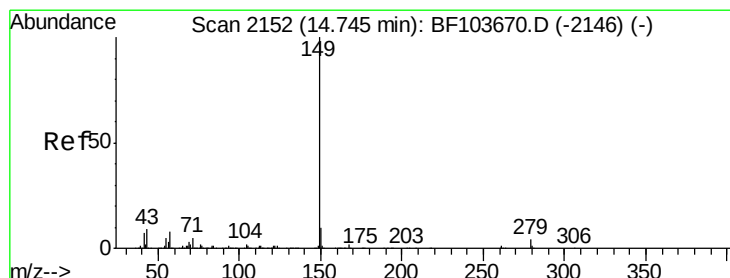
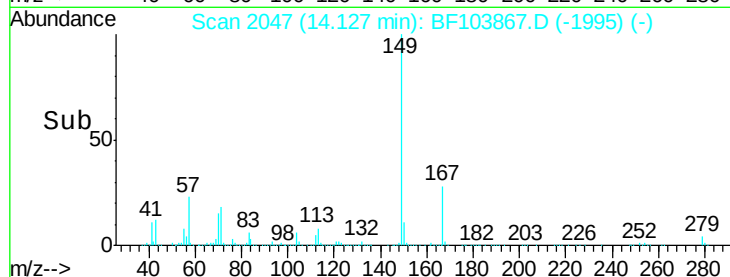
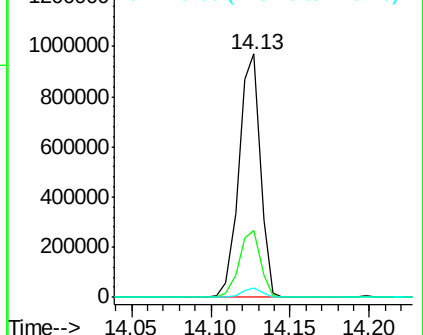
279 3.8 3.0 4.4



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: 51.286 ng

RT: 14.76 min Scan# 2154

Delta R.T. 0.01 min

Lab File: BF103867.D

Acq: 23 Mar 2018 9:30

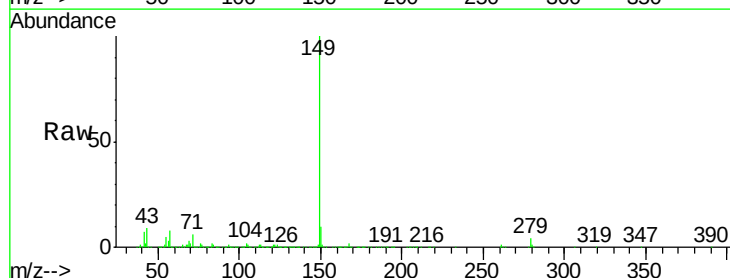
Tgt Ion:149 Resp: 1606771

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

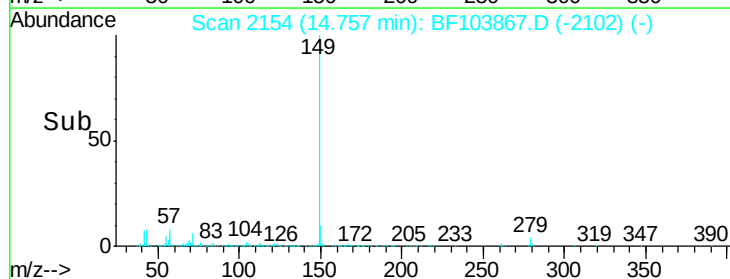
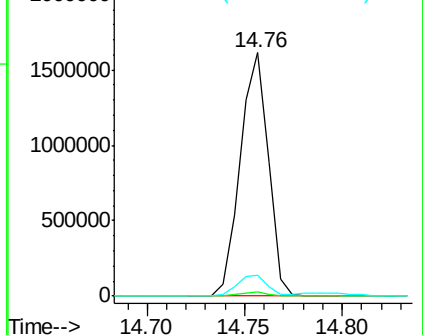
43 8.8 8.4 12.6

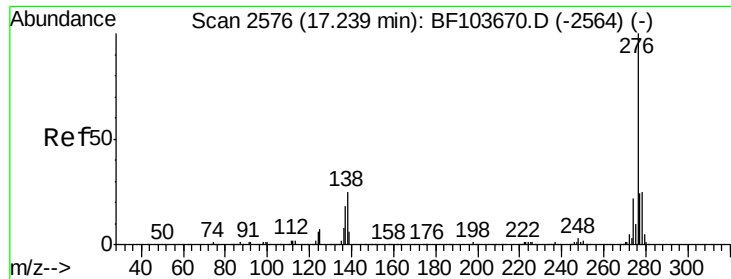


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

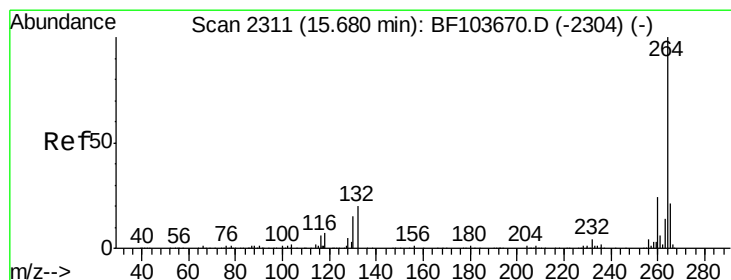
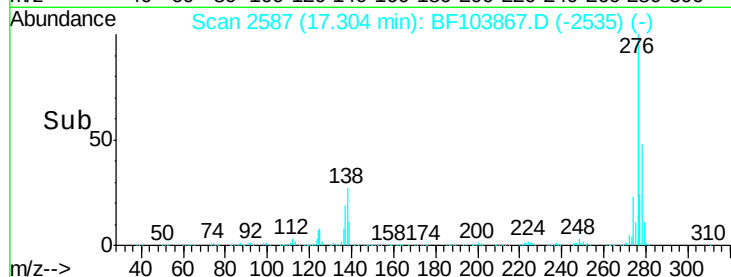
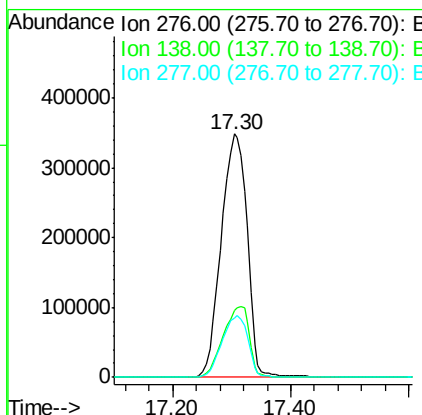
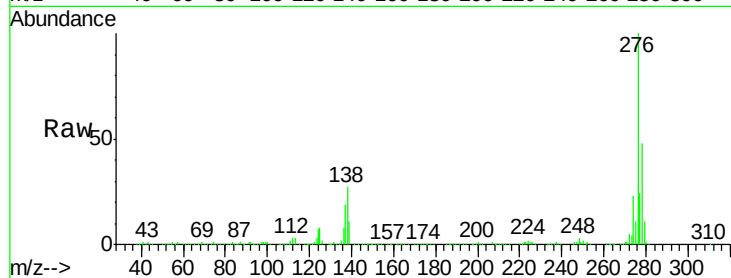




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.884 ng
RT: 17.30 min Scan# 2587
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

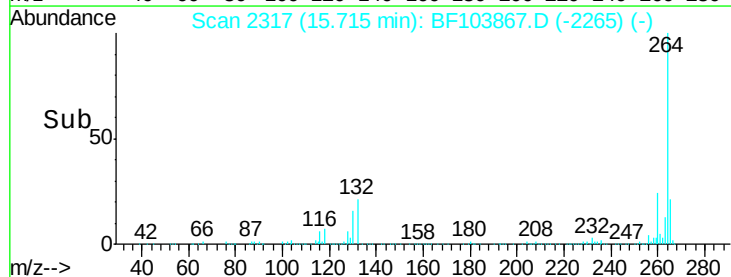
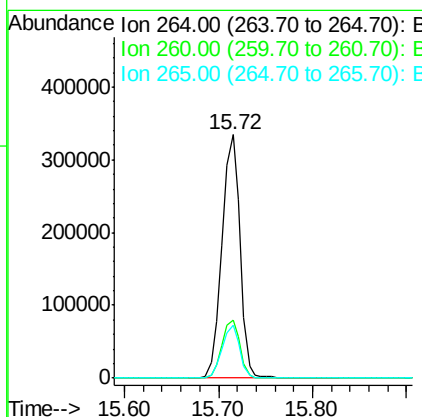
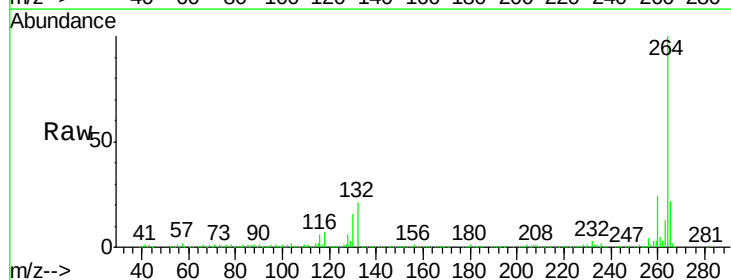
Instrument :
BNA_F
ClientSampleId :

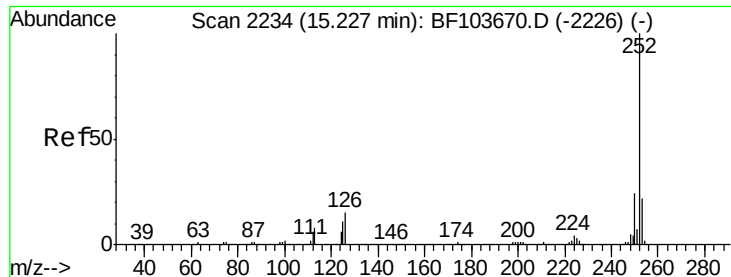
Tot Ion:276 Resp: 1071367
Ion Ratio Lower Upper
276 100
138 29.5 25.0 37.6
277 25.4 20.1 30.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2317
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:264 Resp: 449453
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 21.6 17.5 26.3

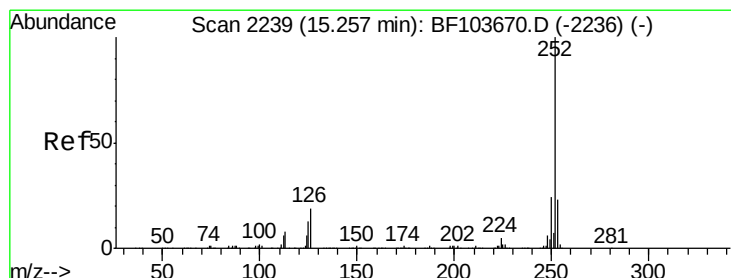
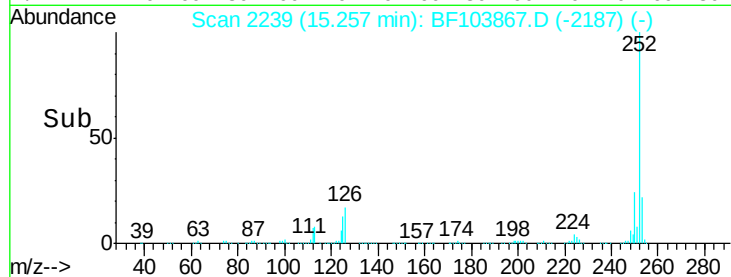
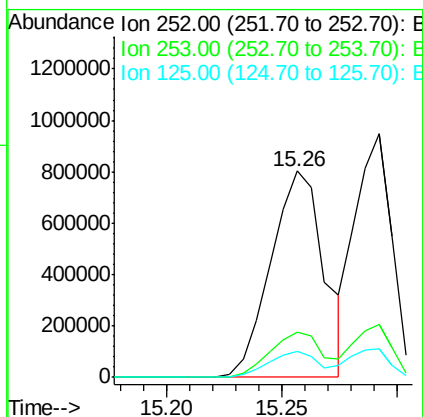
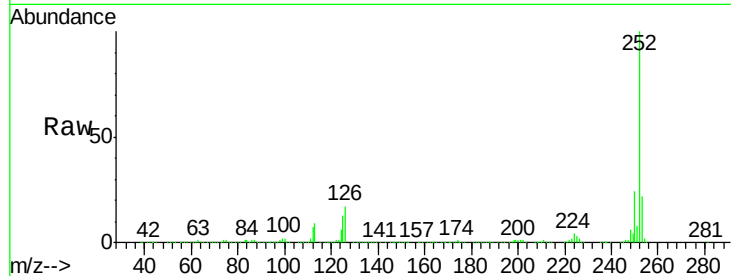




#87
Benzo(b)fluoranthene
Concen: 45.146 ng
RT: 15.26 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

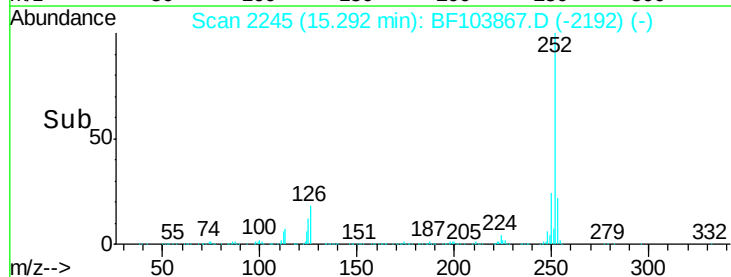
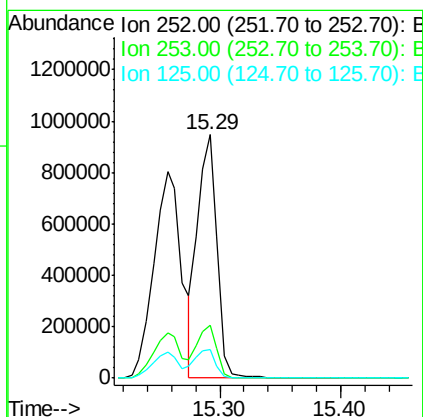
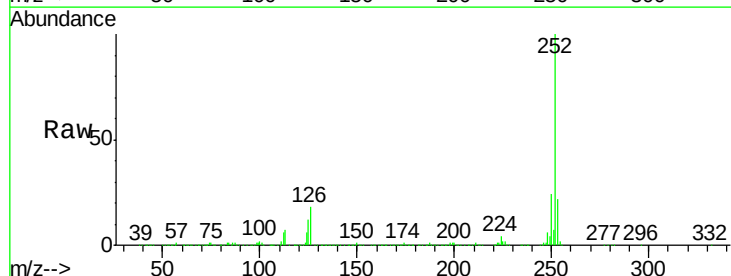
Instrument :
BNA_F
ClientSampleId :

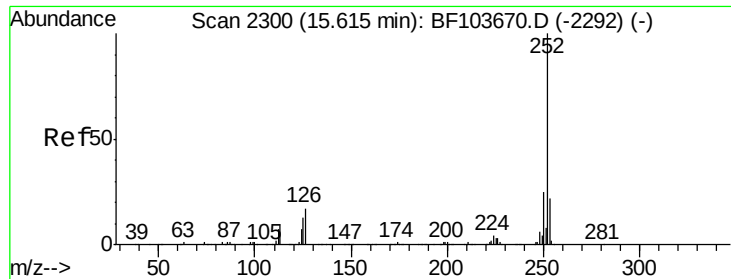
Tot Ion:252 Resp: 1281941
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.6
125 12.9 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 38.773 ng
RT: 15.29 min Scan# 2245
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:252 Resp: 1058324
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.8 10.2 15.2

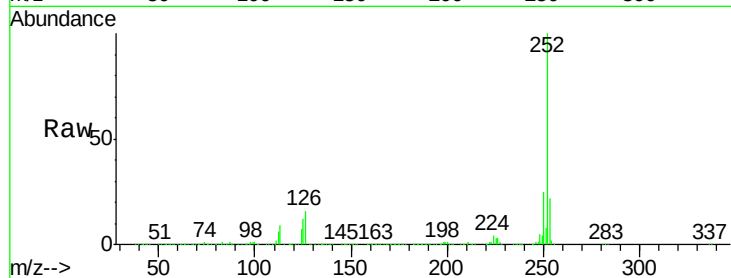




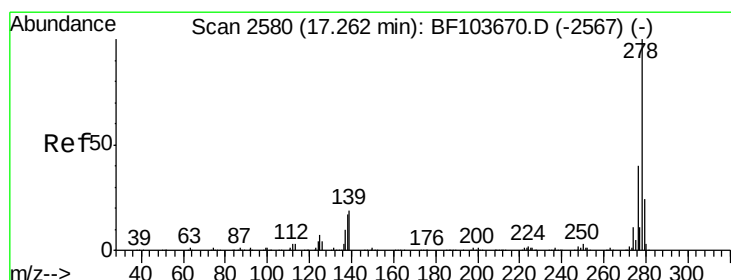
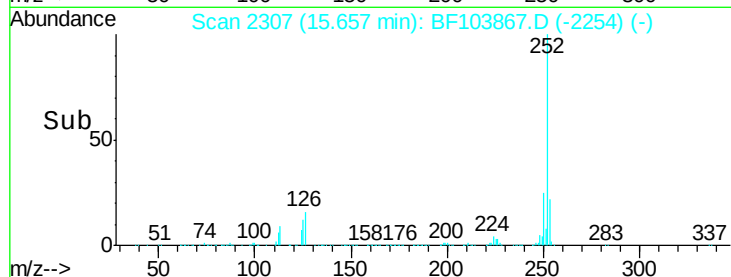
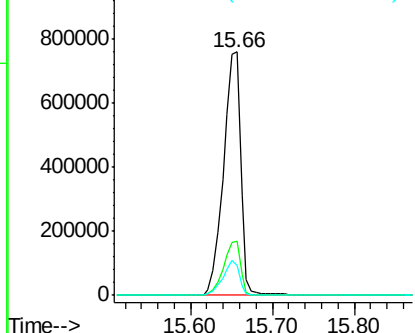
#89
Benzo(a)pyrene
Concen: 43.167 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 1111750
Ion Ratio Lower Upper
252 100
253 22.1 17.1 25.7
125 12.3 9.8 14.6

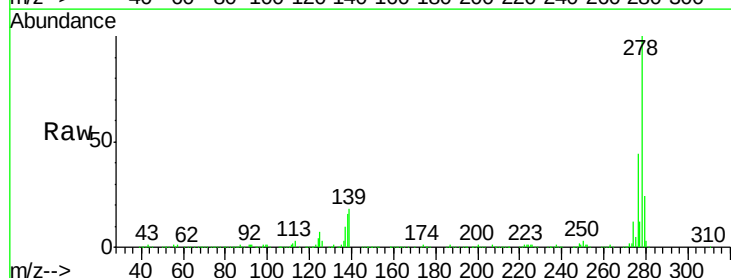


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

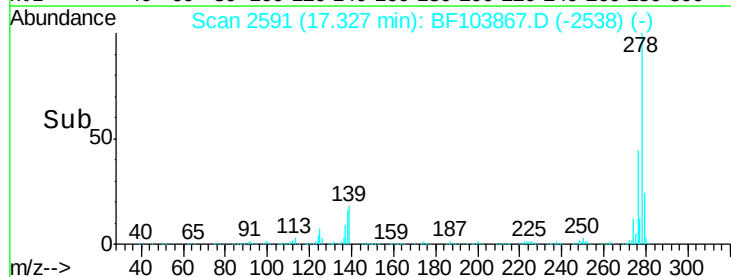
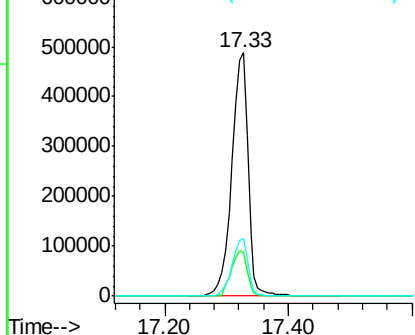


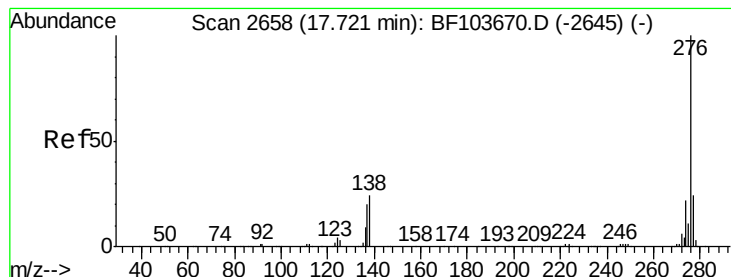
#90
Dibenzo(a,h)anthracene
Concen: 40.097 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BF103867.D
Acq: 23 Mar 2018 9:30

Tgt Ion:278 Resp: 894210
Ion Ratio Lower Upper
278 100
139 18.2 15.9 23.9
279 23.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

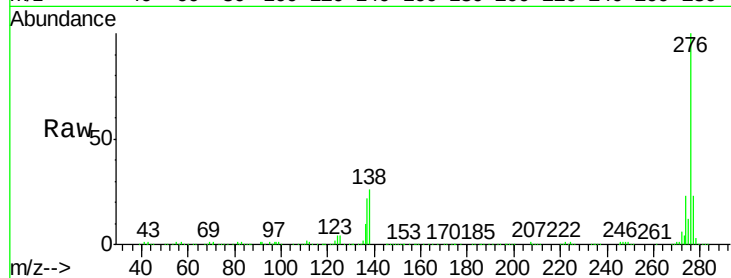




#91
 Benzo(a,h,i)perylene
 Concen: 40.178 ng
 RT: 17.79 min Scan# 2670
 Delta R.T. 0.01 min
 Lab File: BF103867.D
 Acq: 23 Mar 2018 9:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.2	17.9	26.9
138	26.2	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

