

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103817.D
 Acq On : 20 Mar 2018 21:55
 Operator : JU/SJ
 Sample : J1960-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 21 00:59:57 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	168572	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	444097	20.00	ng	0.02
38) Acenaphthene-d10	10.02	164	244398	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	144144	20.00	ng	0.02
75) Chrysene-d12	14.16	240	3397	20.00	ng	0.00
86) Perylene-d12	15.80	264	163253	20.00	ng	0.12

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	727812	65.67	ng	0.14
7) Phenol-d6	6.60	99	545516	40.23	ng	0.01
23) Nitrobenzene-d5	7.54	82	949637	149.12	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	273712	130.26	ng	0.02
44) 2-Fluorobiphenyl	9.33	172	1433836	93.58	ng	0.00
78) Terphenyl-d14	13.13	244	462784	3162.17	ng	0.04

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	3.60	42	222538	40.209	ng	# 1
9) Benzaldehyde	6.75	77	21968	2.466	ng	84
10) Phenol	6.61	94	138168	9.590	ng	96
13) 1,4-Dichlorobenzene	6.99	146	27373	2.060	ng	95
15) Benzyl Alcohol	7.11	79	45508	4.332	ng	96
18) Hexachloroethane	7.50	117	18081	3.868	ng	# 1
20) 3+4-Methylphenols	7.37	107	174025	13.263	ng	96
22) Acetophenone	7.37	105	59285	5.194	ng	# 65
24) Nitrobenzene	7.55	77	28478	3.809	ng	95
25) Isophorone	7.54	82	930619	63.127	ng	# 65
26) 2-Nitrophenol	7.87	139	1956	9.998	ng	# 1
27) 2,4-Dimethylphenol	8.13	122	755969	119.700	ng	# 5
30) 1,2,4-Trichlorobenzene	8.22	180	252461	37.883	ng	99
31) Naphthalene	8.30	128	9400699	419.048	ng	97
32) Benzoic acid	8.13	122	757487	144.812	ng	98
33) 4-Chloroaniline	8.30	127	1350306	143.473	ng	# 33
36) 4-Chloro-3-methylphenol	8.82	107	16050	2.534	ng	# 23
37) 2-Methylnaphthalene	8.97	142	1243861	87.434	ng	97
45) 1,1'-Biphenyl	9.43	154	198894	9.760	ng	98
47) 2-Nitroaniline	9.56	65	2407	7.302	ng	# 14
49) Dimethylphthalate	9.72	163	74284	3.984	ng	# 87
50) 2,6-Dinitrotoluene	9.81	165	2744	4.681	ng	# 70
51) Acenaphthene	10.05	154	250071	16.779	ng	99
52) 3-Nitroaniline	9.96	138	6950	5.294	ng	# 19
53) 2,4-Dinitrophenol	10.04	184	518	7.402	ng	# 1
54) Dibenzofuran	10.22	168	276570	12.993	ng	97
55) 4-Nitrophenol	10.12	139	5696	6.535	ng	# 1
56) 2,4-Dinitrotoluene	10.22	165	3575	6.895	ng	# 1
57) Fluorene	10.57	166	253537	15.350	ng	98
61) 4-Nitroaniline	10.57	138	3471	4.518	ng	94
64) 4,6-Dinitro-2-methylphenol	10.63	198	774	9.715	ng	# 1
65) n-Nitrosodiphenylamine	10.93	169	31917	6.505	ng	97
69) Pentachlorophenol	11.32	266	17922	18.455	ng	93
70) Phenanthrene	11.54	178	186750	23.684	ng	98

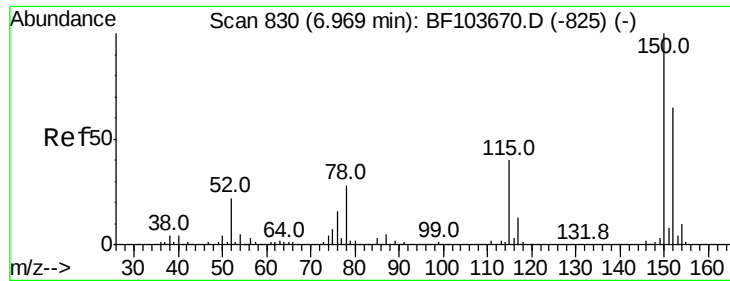
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF032018\
 Data File : BF103817.D
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 Operator : JU/SJ
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	
71) Anthracene	11.54	178	186750	23.319	nq		97
72) Carbazole	11.75	167	41221	5.296	nq	#	74
73) Di-n-butylphthalate	12.07	149	30947	3.313	nq	#	1
74) Fluoranthene	12.75	202	42327	5.211	nq	#	1
76) Benzidine	12.83	184	4780	32.992	nq	#	1
77) Pyrene	12.93	202	1330	5.331	nq	#	1
79) Butylbenzylphthalate	13.54	149	2699	24.419	nq	#	1
80) Benzo(a)anthracene	14.15	228	534	2.483	nq	#	1
81) 3,3'-Dichlorobenzidine	14.11	252	882	12.263	nq	#	1
82) Chrysene	14.20	228	3075	15.002	nq	#	1
83) Bis(2-ethylhexyl)phthalate	14.09	149	1483	9.392	nq	#	1
84) Di-n-octyl phthalate	14.76	149	2433	10.591	nq	#	1
85) Indeno(1,2,3-cd)pyrene	17.24	276	598	3.341	nq	#	1

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

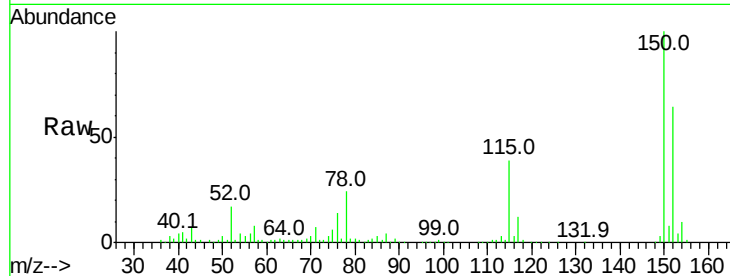


#1

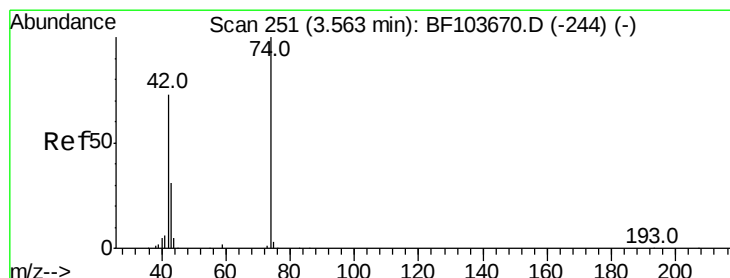
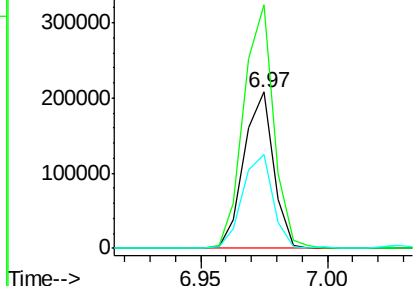
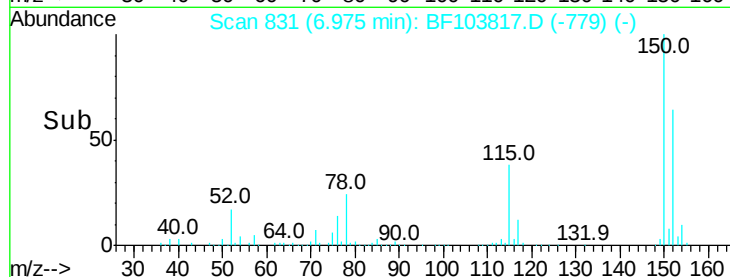
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.01 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 168572
Ion Ratio Lower Upper
152 100
150 155.9 124.6 186.8
115 60.1 50.1 75.1



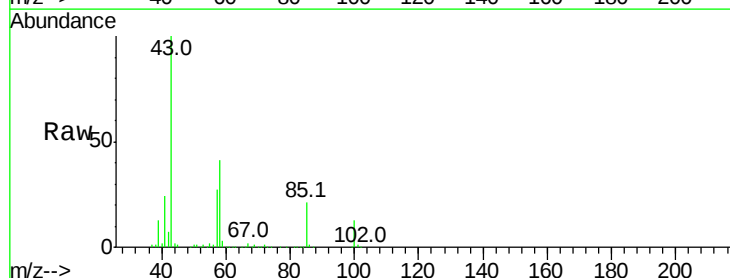
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



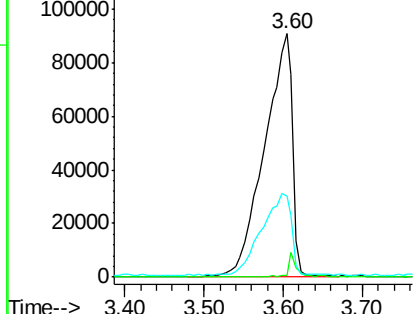
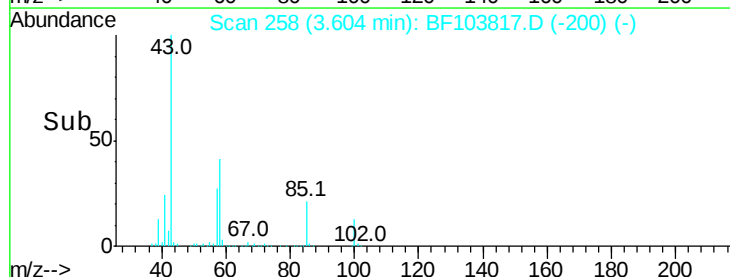
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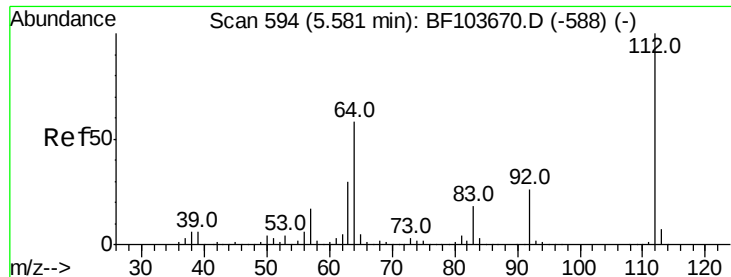
n-Nitrosodimethylamine
Concen: 40.209 ng
RT: 3.60 min Scan# 258
Delta R.T. 0.04 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Tgt Ion: 42 Resp: 222538
Ion Ratio Lower Upper
42 100
74 0.6 104.9 157.3#
44 33.6 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: 65.669 ng

RT: 5.72 min Scan# 617

Delta R.T. 0.14 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :
BNA_F
ClientSampleId :

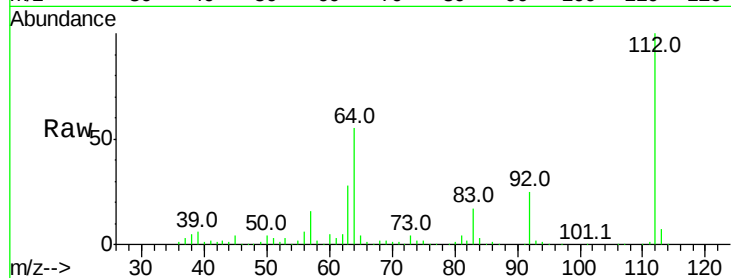
Tot Ion:112 Resp: 727812

Ion Ratio Lower Upper

112 100

64 54.5 47.9 71.9

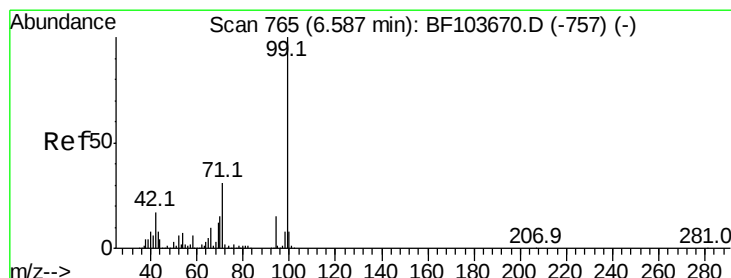
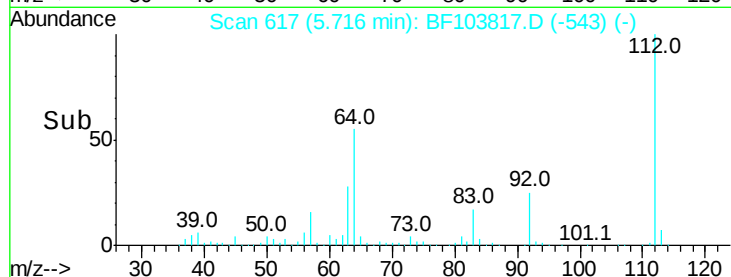
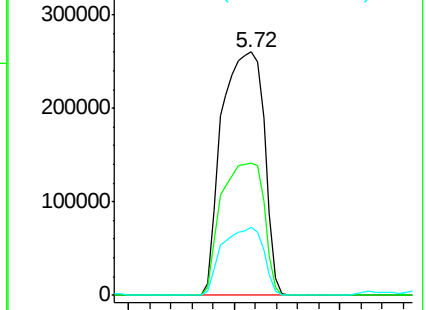
63 27.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 40.232 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

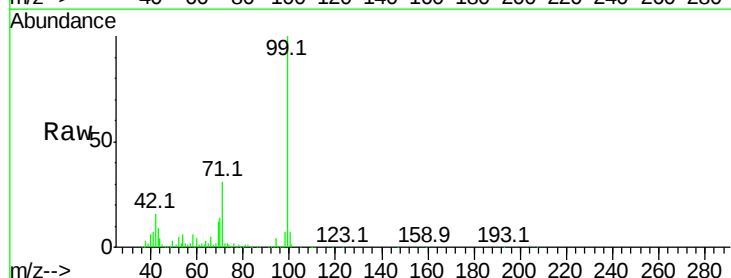
Tgt Ion: 99 Resp: 545516

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

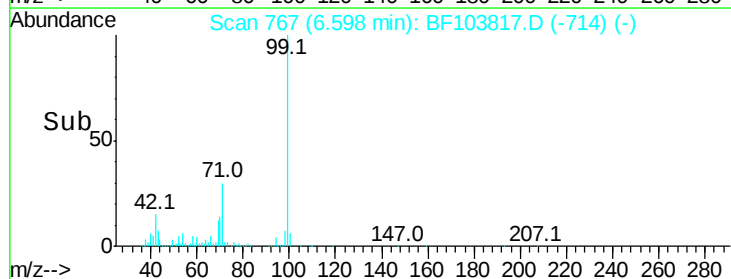
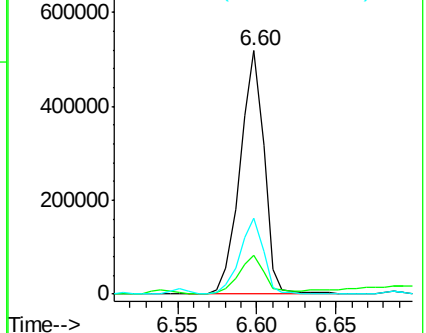
71 31.0 25.4 38.0

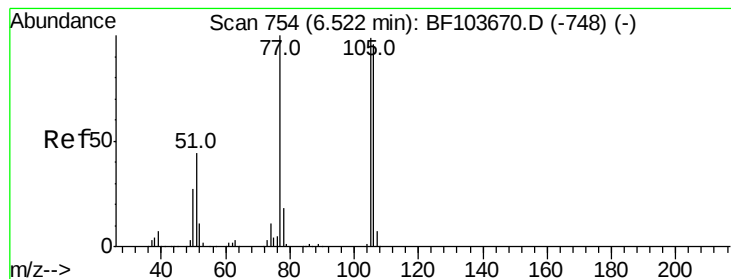


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#9

Benzaldehyde

Concen: 2.466 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

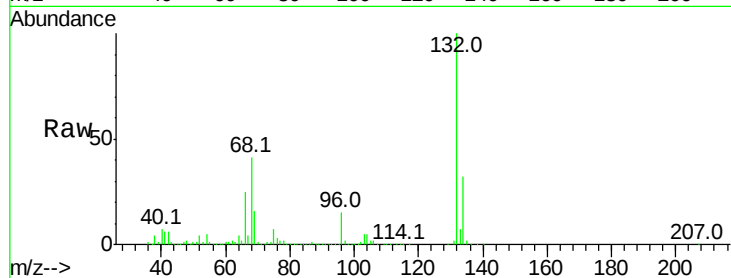
Tot Ion: 77 Resp: 21968

Ion Ratio Lower Upper

77 100

105 84.2 81.1 121.1

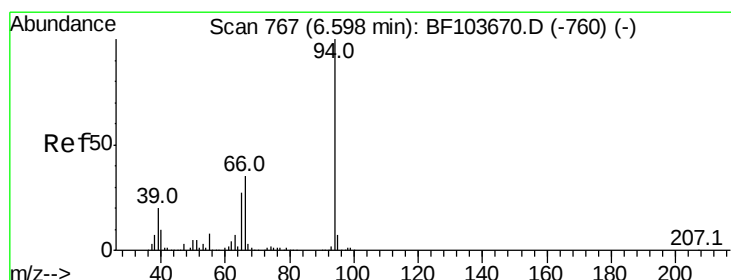
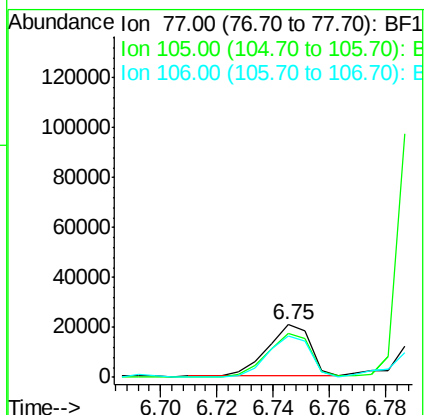
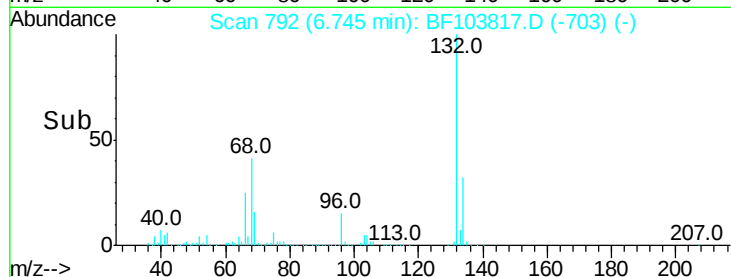
106 79.1 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 9.590 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

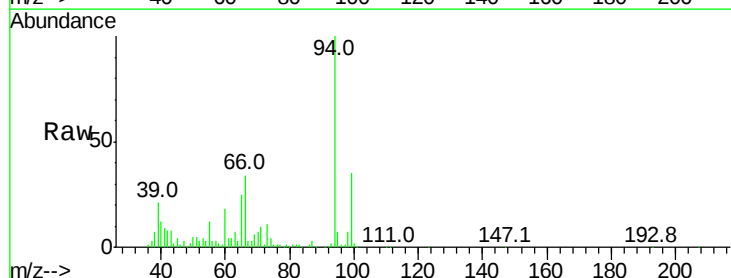
Tgt Ion: 94 Resp: 138168

Ion Ratio Lower Upper

94 100

65 25.4 7.9 47.9

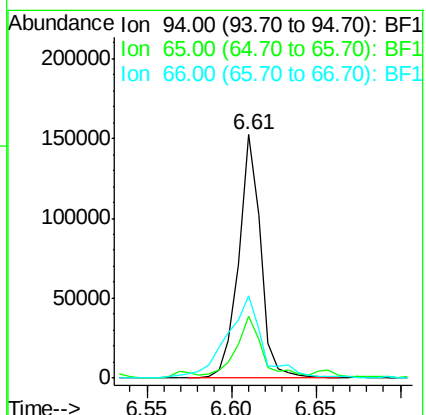
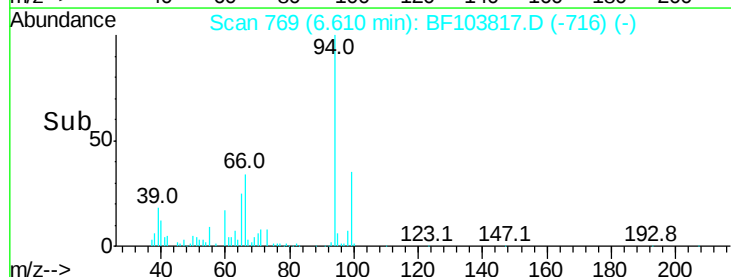
66 34.0 16.2 56.2

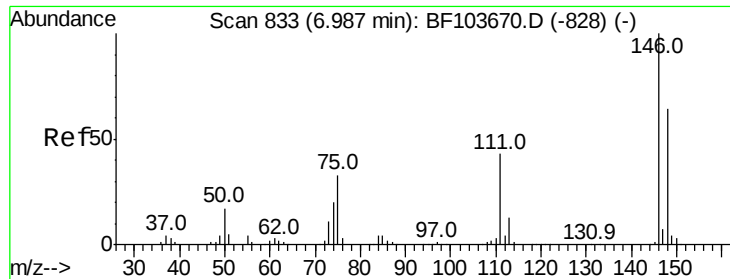


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

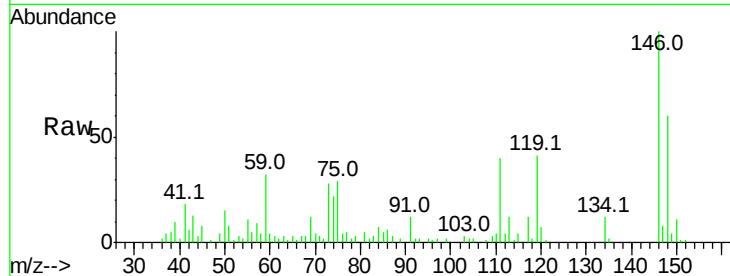




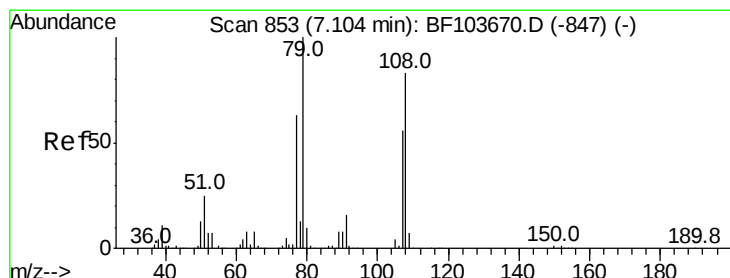
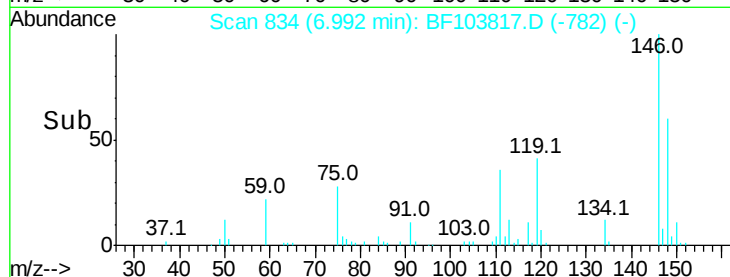
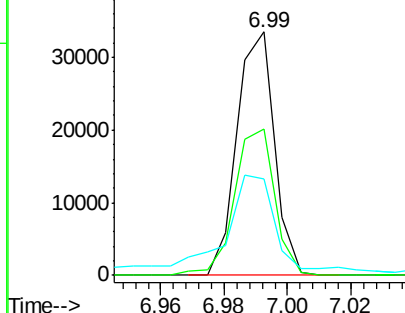
#13
 1,4-Dichlorobenzene
 Concen: 2.060 ng
 RT: 6.99 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF103817.D
 Acq: 20 Mar 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 27373
 Ion Ratio Lower Upper
 146 100
 148 60.2 50.8 76.2
 111 39.5 34.2 51.2

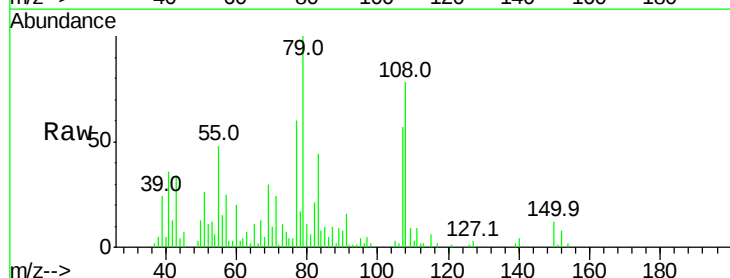


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

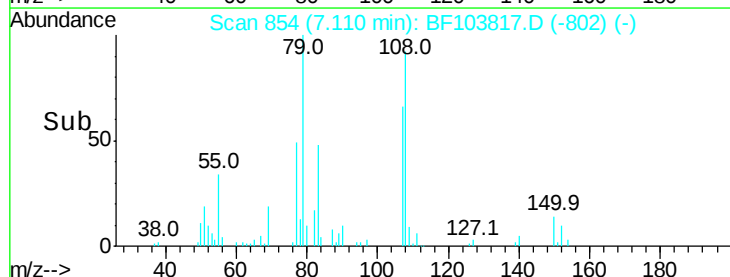
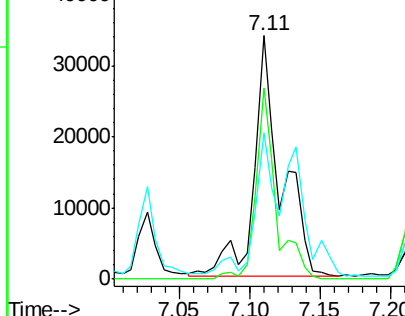


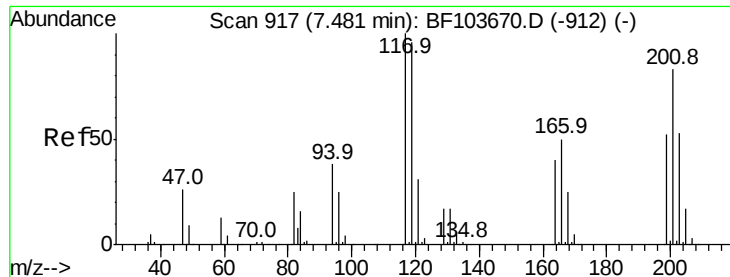
#15
 Benzyl Alcohol
 Concen: 4.332 ng
 RT: 7.11 min Scan# 854
 Delta R.T. 0.01 min
 Lab File: BF103817.D
 Acq: 20 Mar 2018 21:55

Tgt Ion: 79 Resp: 45508
 Ion Ratio Lower Upper
 79 100
 108 78.3 65.1 97.7
 77 60.3 50.6 75.8



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

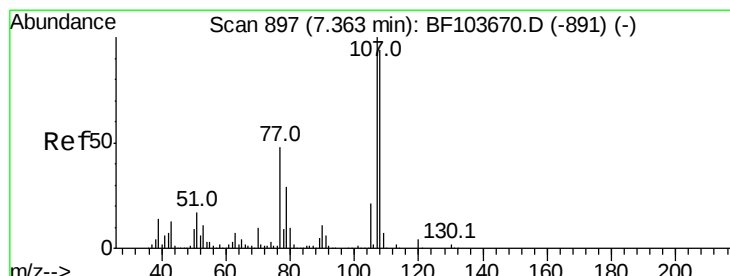
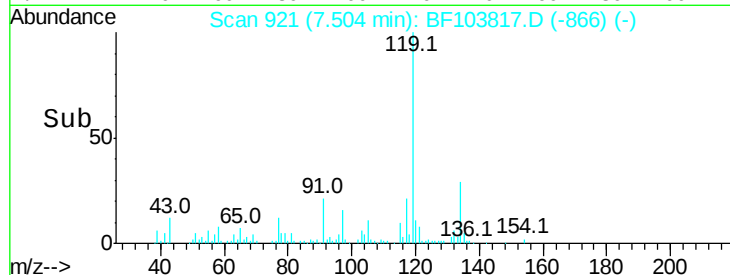
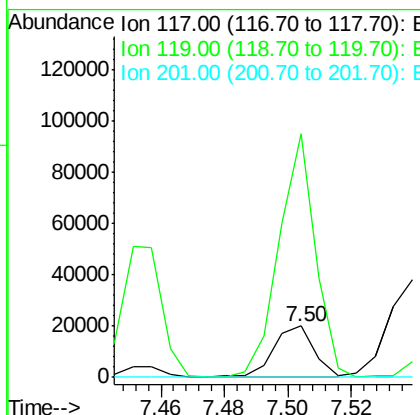
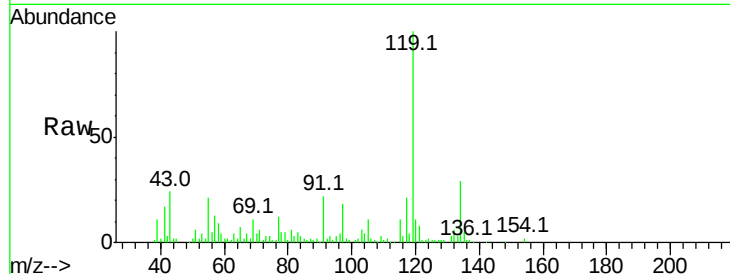




#18
Hexachloroethane
Concen: 3.868 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.02 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

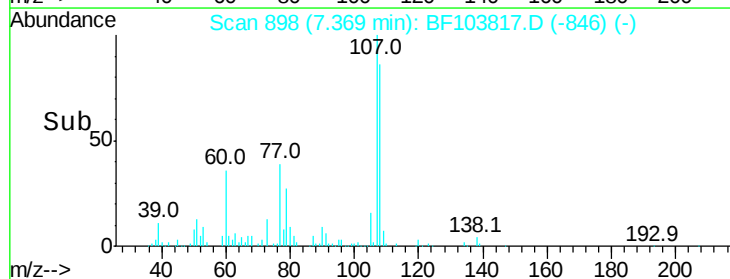
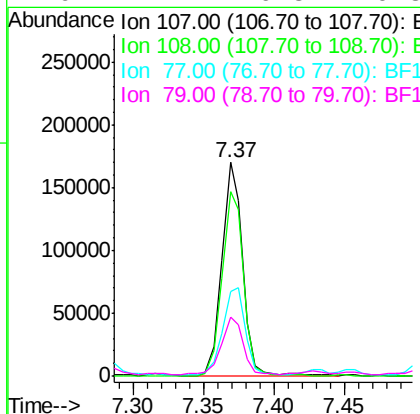
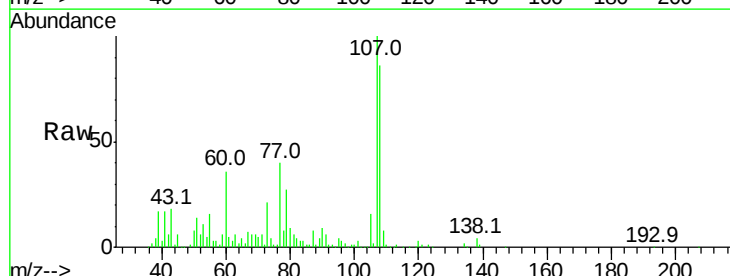
Instrument :
BNA_F
ClientSampleId :

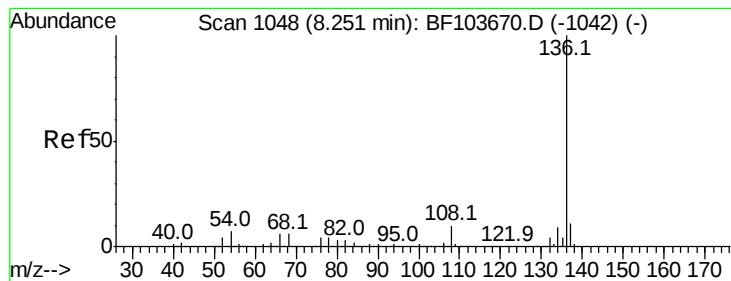
Tot Ion:117 Resp: 18081
Ion Ratio Lower Upper
117 100
119 477.0 75.8 113.8#
201 0.0 75.7 113.5#



#20
3+4-Methylphenols
Concen: 13.263 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.01 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Tgt Ion:107 Resp: 174025
Ion Ratio Lower Upper
107 100
108 86.3 68.2 108.2
77 39.8 26.7 66.7
79 27.4 6.3 46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1051

Delta R.T. 0.02 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 444097

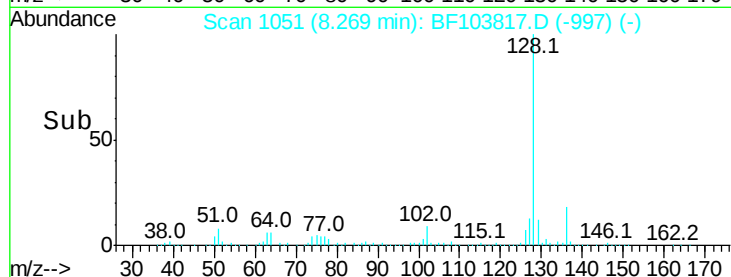
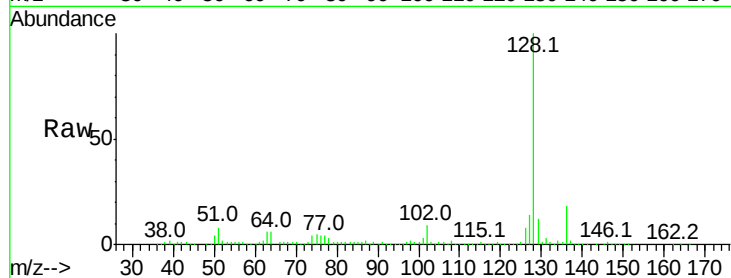
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.7 6.6 9.8

68 8.1 5.0 7.4#

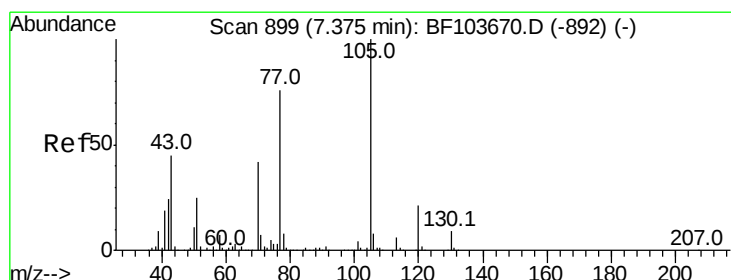
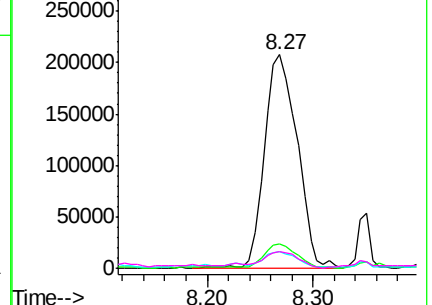


Abundance Ion 136.00 (135.70 to 136.70): E

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: 5.194 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.00 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Tgt Ion:105 Resp: 59285

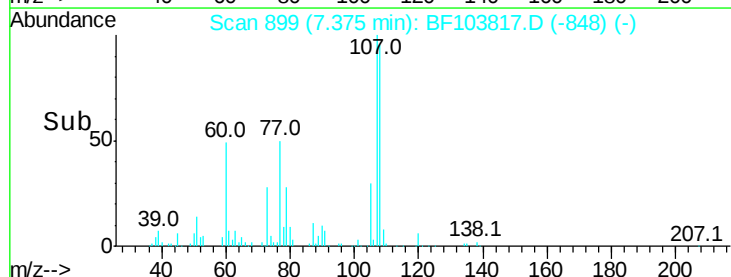
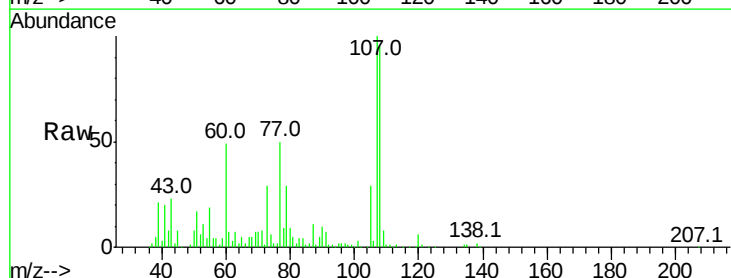
Ion Ratio Lower Upper

105 100

71 28.1 4.4 6.6#

51 56.4 22.3 33.5#

120 21.8 16.9 25.3

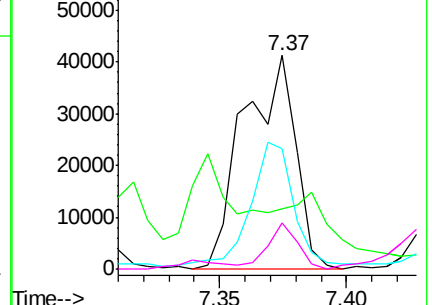


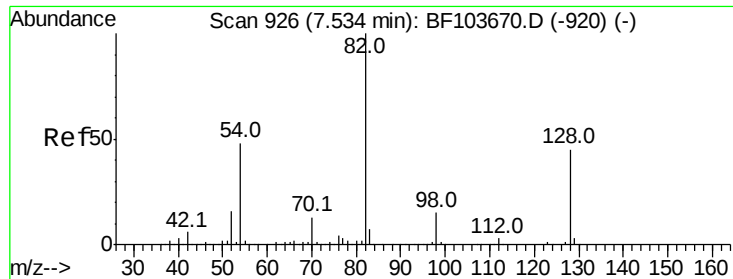
Abundance Ion 105.00 (104.70 to 105.70): E

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: 149.120 ng

RT: 7.54 min Scan# 927

Delta R.T. 0.01 min

Lab File: BF103817.D

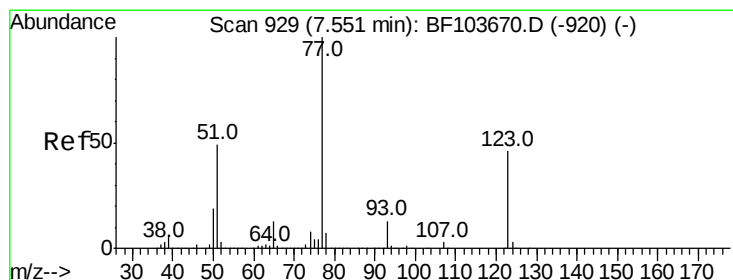
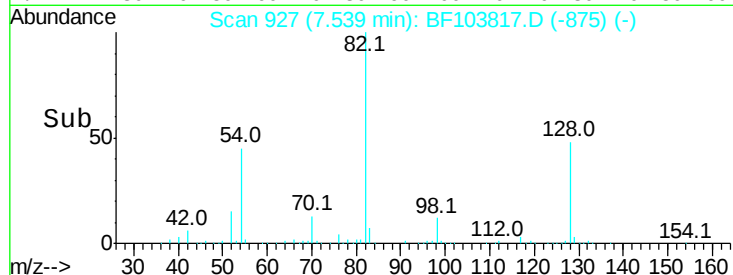
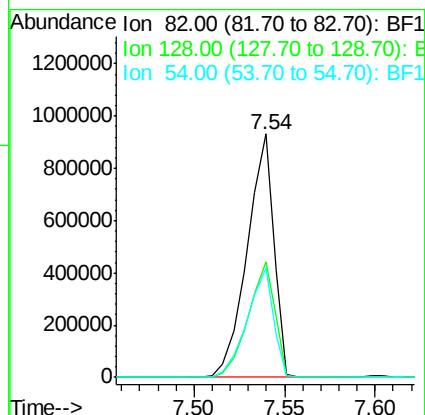
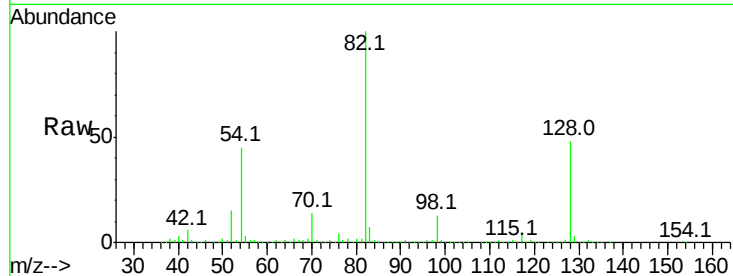
Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	82	Resp:	949637
Ion	Ratio	Lower	Upper
82	100		
128	47.7	36.1	54.1
54	44.9	41.4	62.2



#24

Nitrobenzene

Concen: 3.809 ng

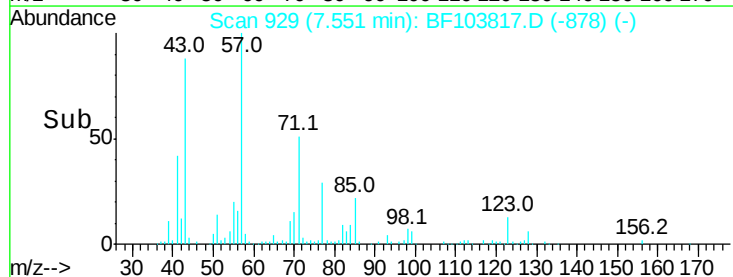
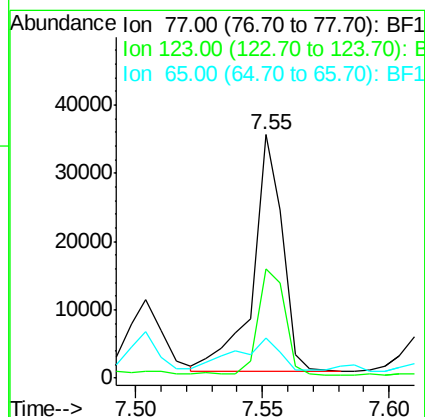
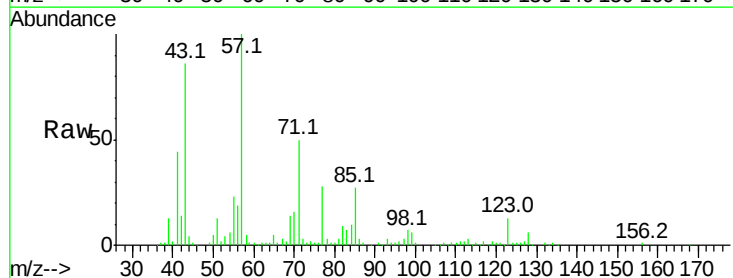
RT: 7.55 min Scan# 929

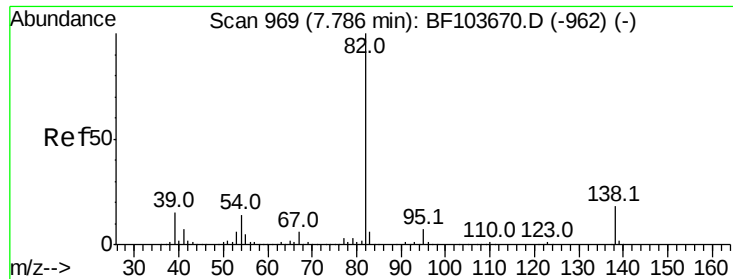
Delta R.T. -0.00 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Tgt Ion:	77	Resp:	28478
Ion	Ratio	Lower	Upper
77	100		
123	44.6	37.9	56.9
65	16.2	11.0	16.4

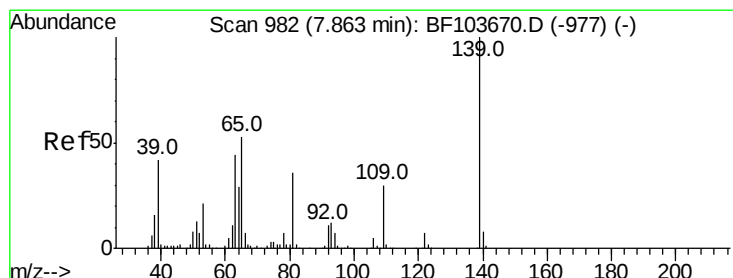
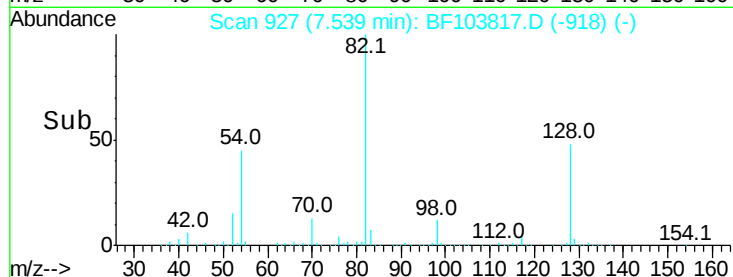
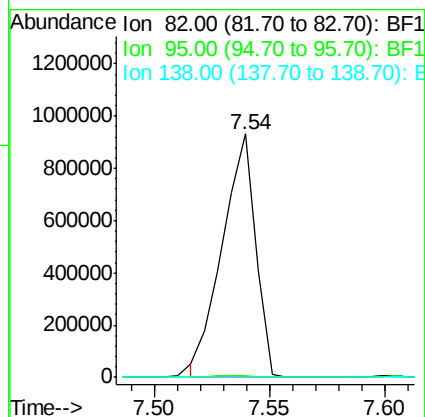
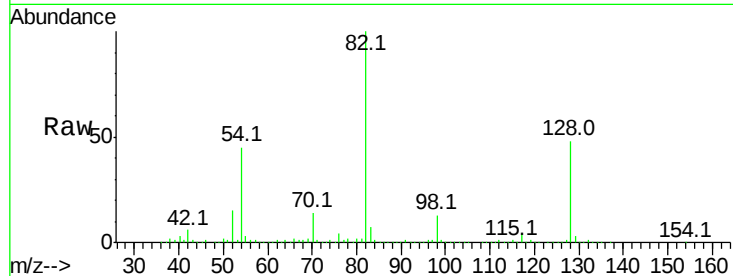




#25
Isophorone
Concen: 63.127 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.25 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

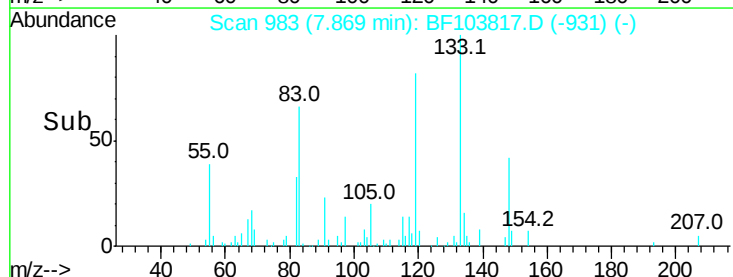
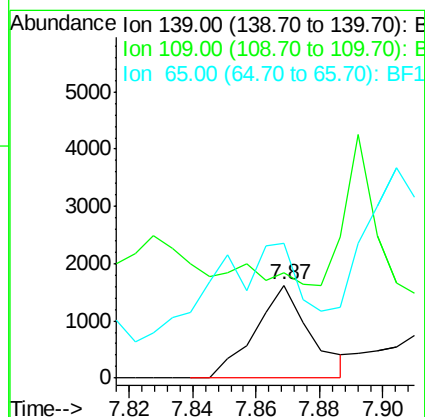
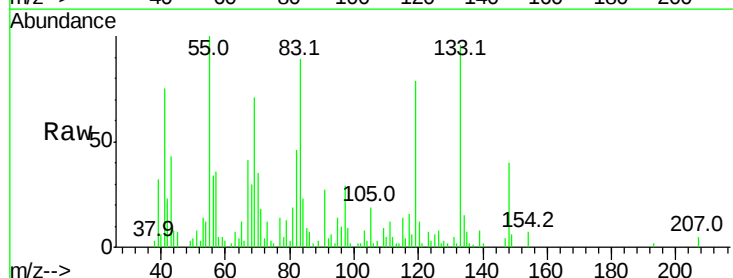
Instrument :
BNA_F
ClientSampleId :

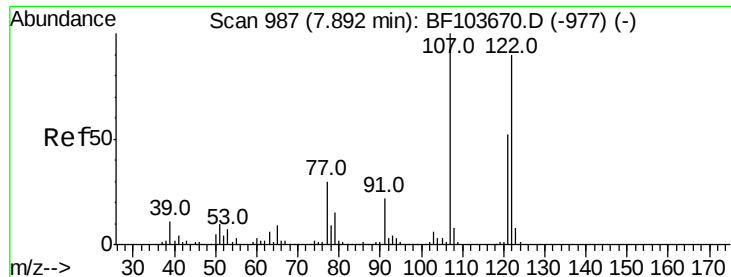
Tot Ion: 82 Resp: 930619
Ion Ratio Lower Upper
82 100
95 0.5 5.2 7.8#
138 0.0 14.9 22.3#



#26
2-Nitrophenol
Concen: 9.998 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Tgt Ion:139 Resp: 1956
Ion Ratio Lower Upper
139 100
109 114.5 22.7 34.1#
65 145.8 40.5 60.7#





#27

2,4-Dimethylphenol

Concen: 119.700 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.24 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampled :

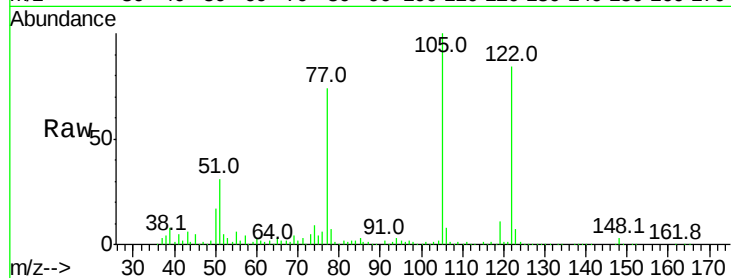
Tot Ion:122 Resp: 755969

Ion Ratio Lower Upper

122 100

107 0.9 91.2 136.8#

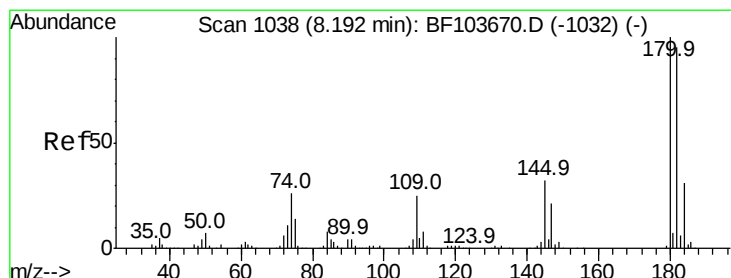
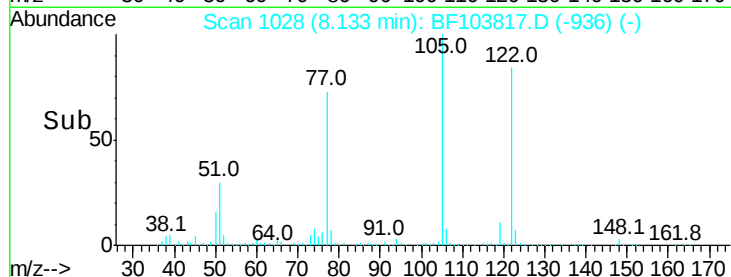
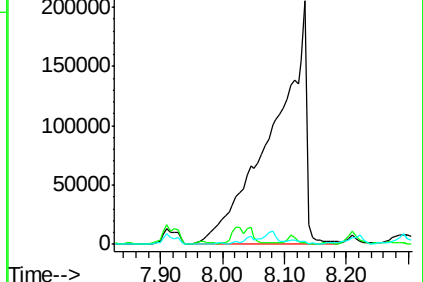
121 1.3 47.2 70.8#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#30

1,2,4-Trichlorobenzene

Concen: 37.883 ng

RT: 8.22 min Scan# 1043

Delta R.T. 0.03 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

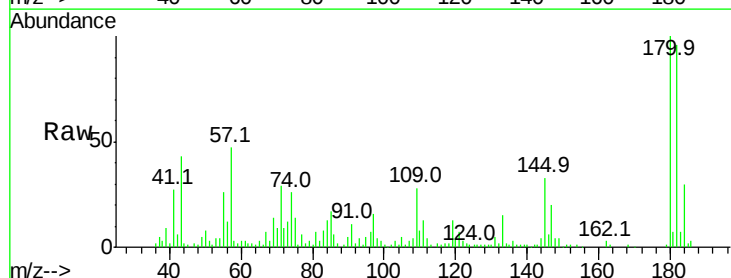
Tgt Ion:180 Resp: 252461

Ion Ratio Lower Upper

180 100

182 96.3 76.8 115.2

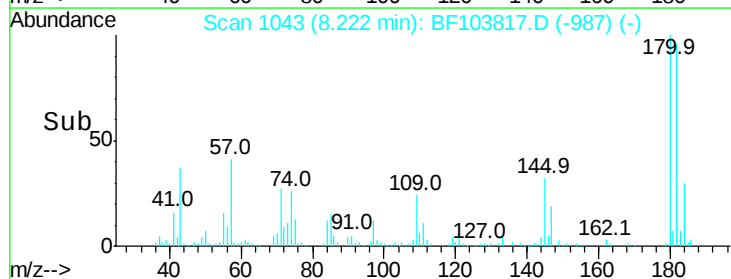
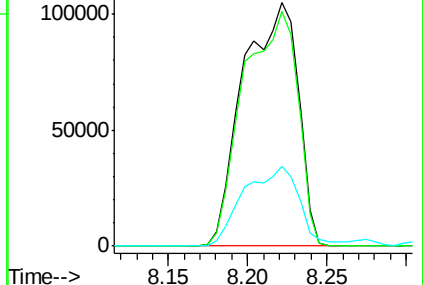
145 32.6 26.5 39.7

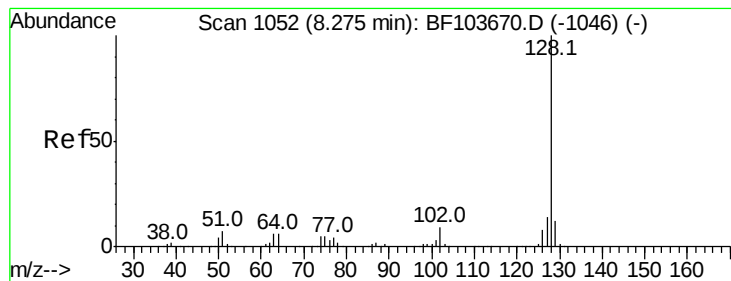


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 419.048 ng

RT: 8.30 min Scan# 1056

Delta R.T. 0.02 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

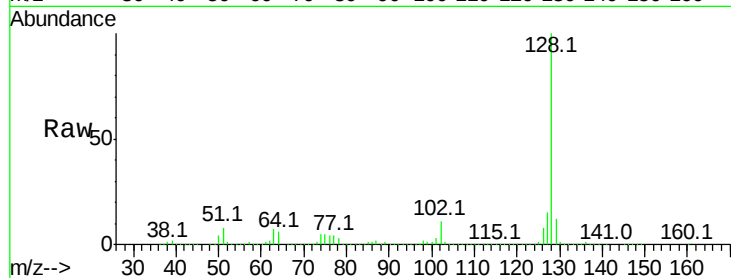
Tot Ion:128 Resp: 9400699

Ion Ratio Lower Upper

128 100

129 12.2 8.8 13.2

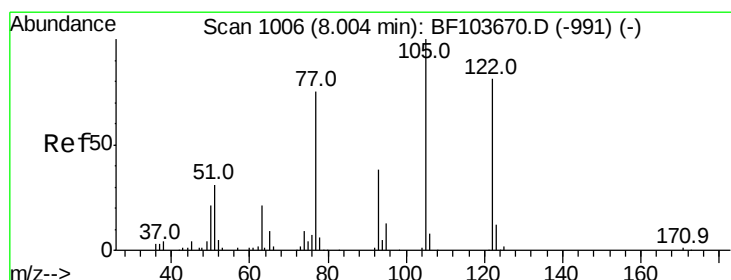
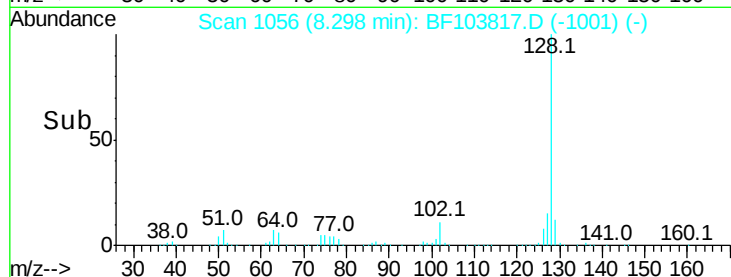
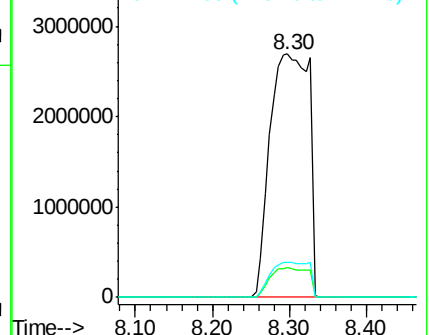
127 14.6 10.9 16.3



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: 144.812 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.13 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

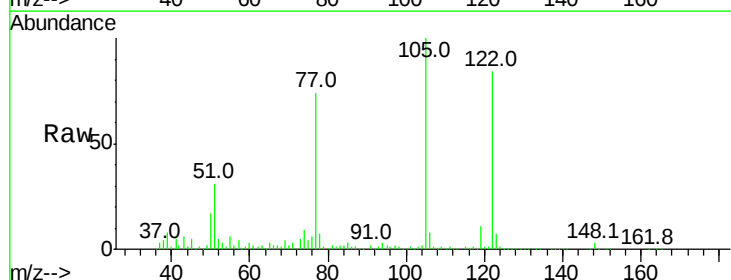
Tgt Ion:122 Resp: 757487

Ion Ratio Lower Upper

122 100

105 118.9 101.1 141.1

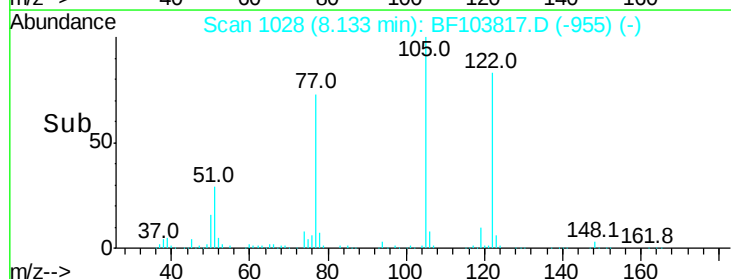
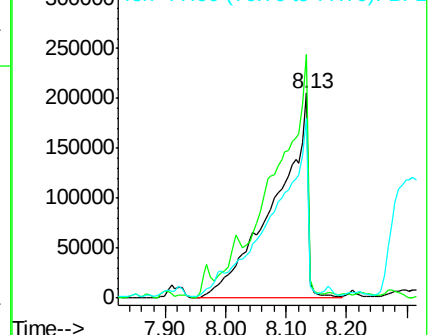
77 87.7 70.7 110.7

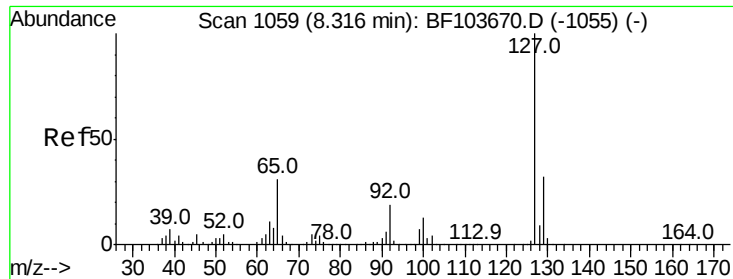


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

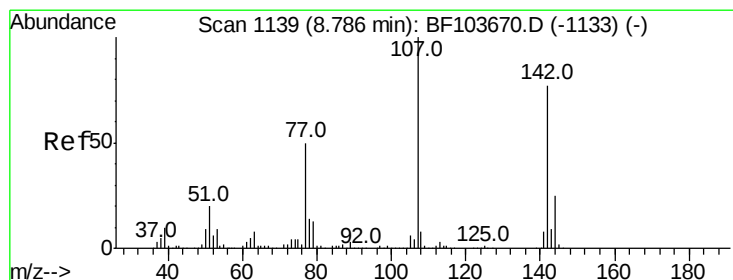
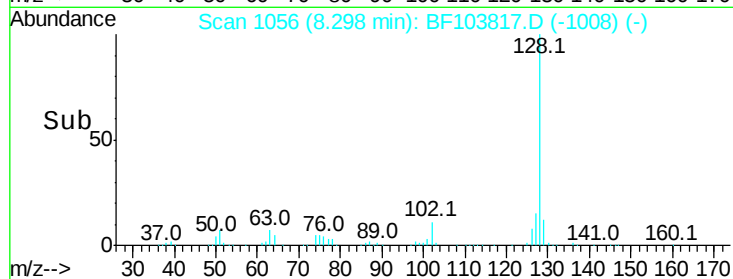
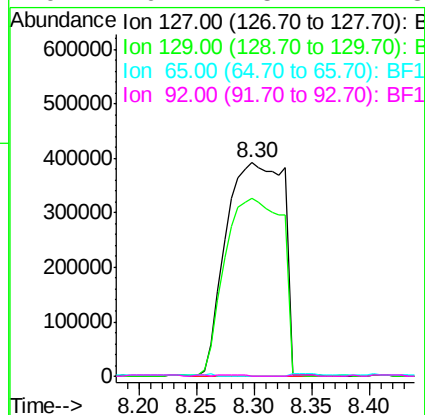
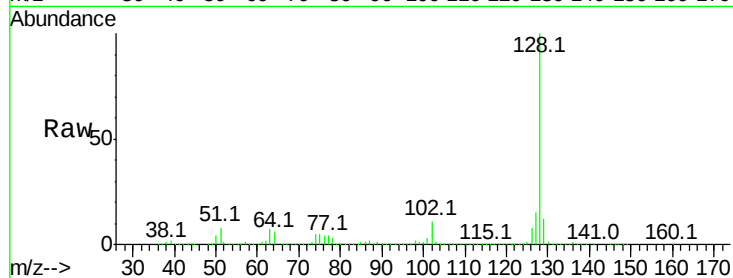




#33
4-Chloroaniline
Concen: 143.473 ng
RT: 8.30 min Scan# 1056
Delta R.T. -0.02 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

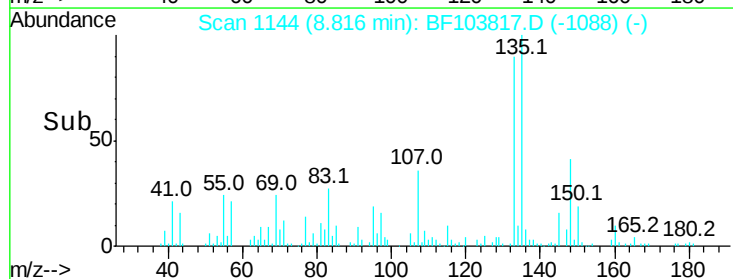
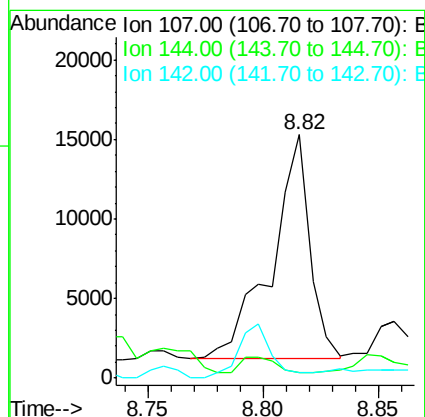
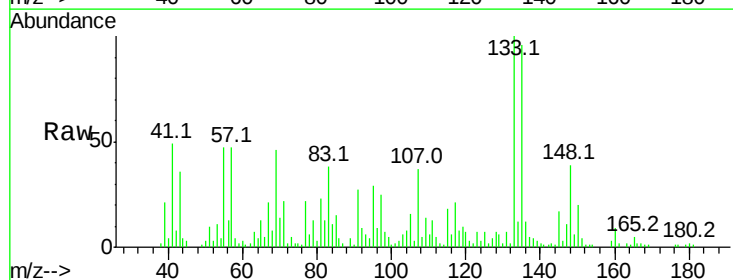
Instrument :
BNA_F
ClientSampleId :

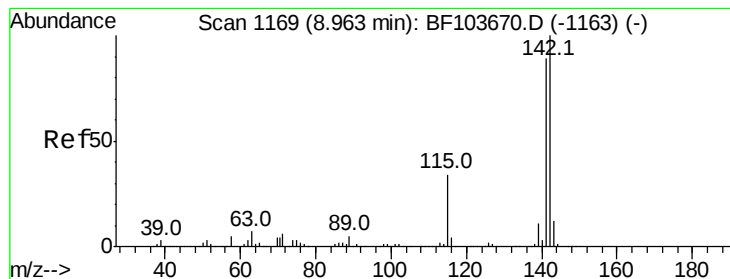
Tot Ion:127 Resp: 1350306
Ion Ratio Lower Upper
127 100
129 83.6 25.9 38.9#
65 0.0 25.0 37.4#
92 0.2 15.2 22.8#



#36
4-Chloro-3-methylphenol
Concen: 2.534 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.03 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Tgt Ion:107 Resp: 16050
Ion Ratio Lower Upper
107 100
144 2.2 20.5 30.7#
142 2.1 62.0 93.0#



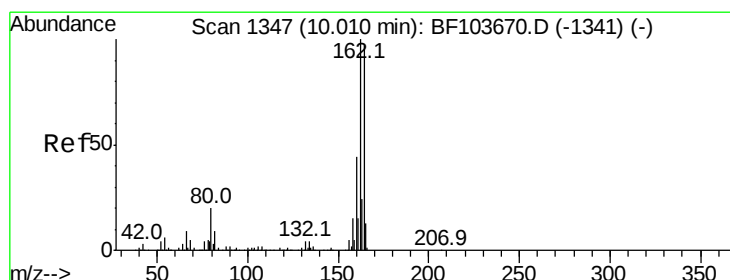
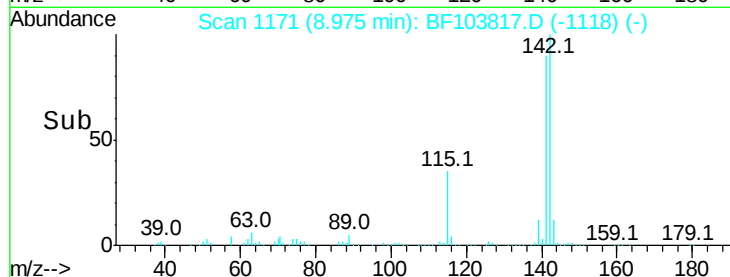
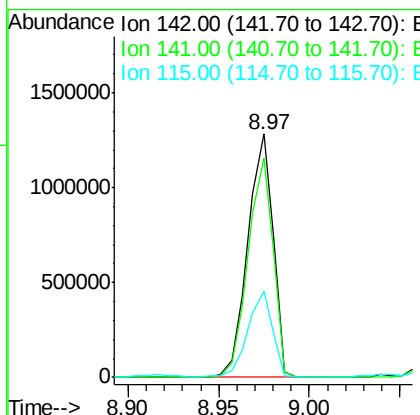
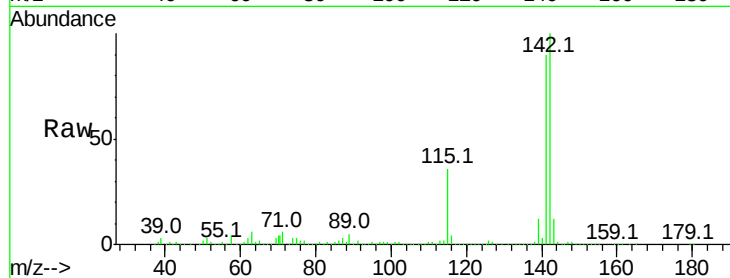


#37
 2-Methylnaphthalene
 Concen: 87.434 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF103817.D
 Acq: 20 Mar 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 1243861

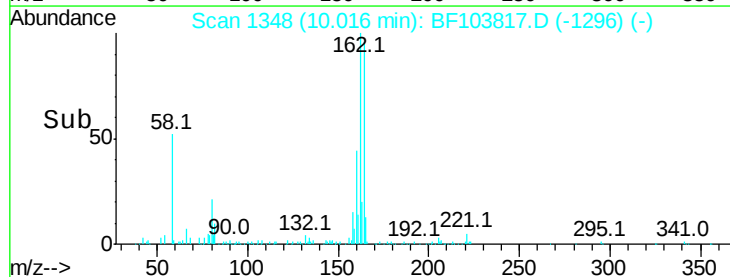
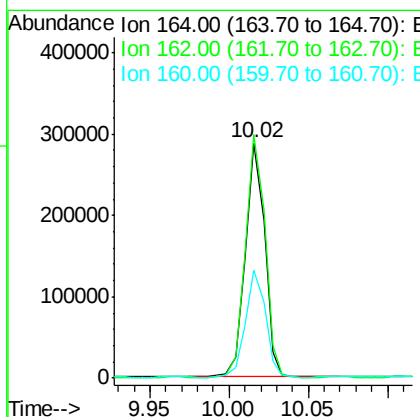
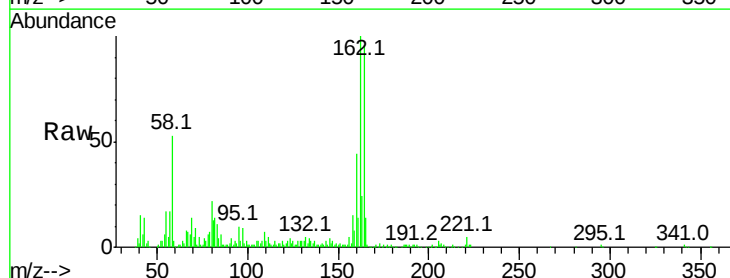
Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.8	106.2
115	35.6	26.1	39.1

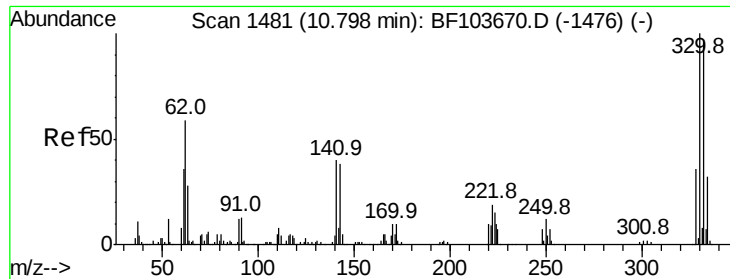


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. 0.01 min
 Lab File: BF103817.D
 Acq: 20 Mar 2018 21:55

Tgt Ion:164 Resp: 244398

Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.0	38.3	57.5

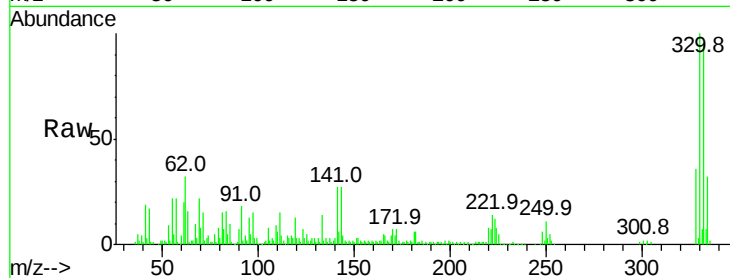




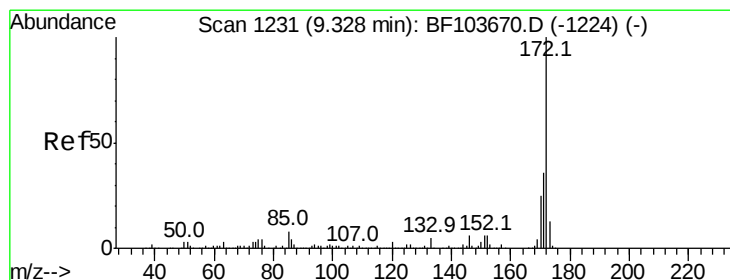
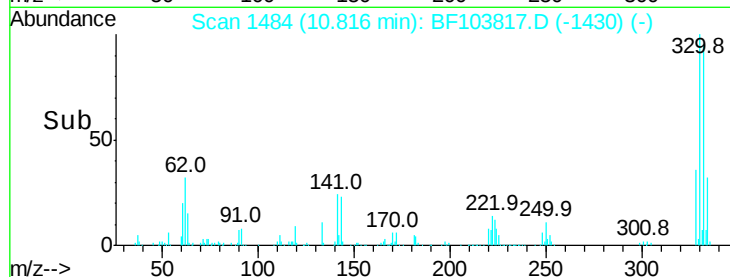
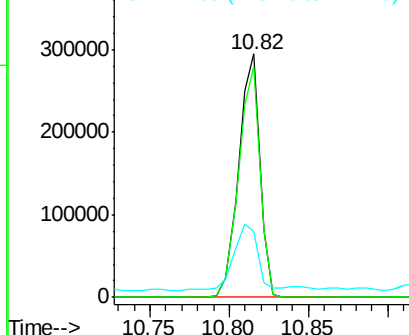
#41
 2,4,6-Tribromophenol
 Concen: 130.255 ng
 RT: 10.82 min Scan# 1484
 Delta R.T. 0.02 min
 Lab File: BF103817.D
 Acq: 20 Mar 2018 21:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	30.5	29.9	44.9

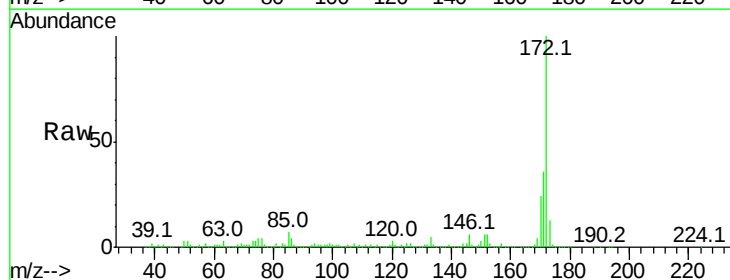


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

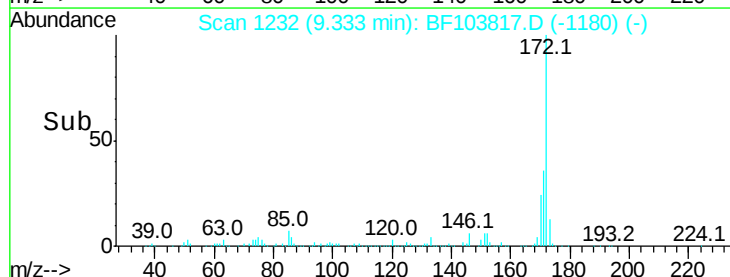
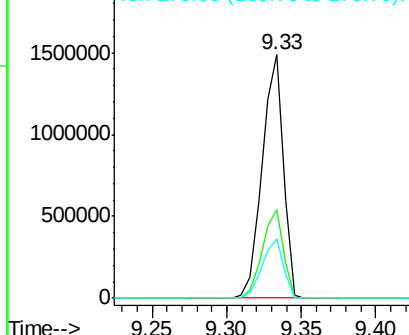


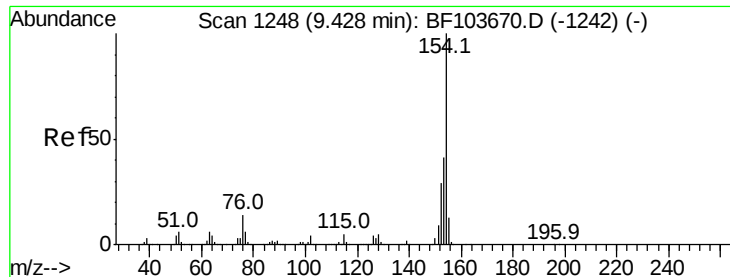
#44
 2-Fluorobiphenyl
 Concen: 93.584 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF103817.D
 Acq: 20 Mar 2018 21:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4



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

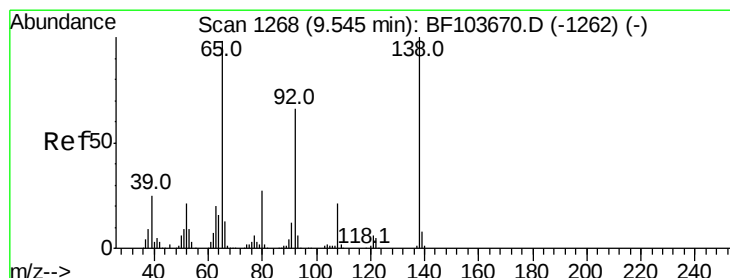
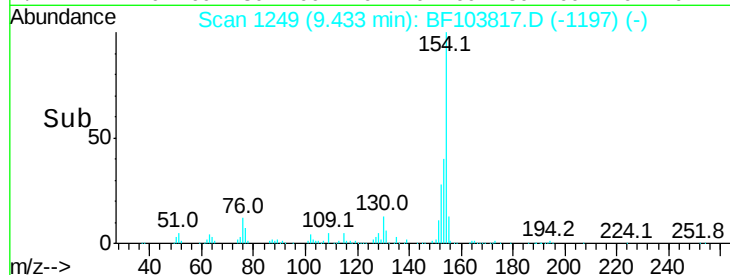
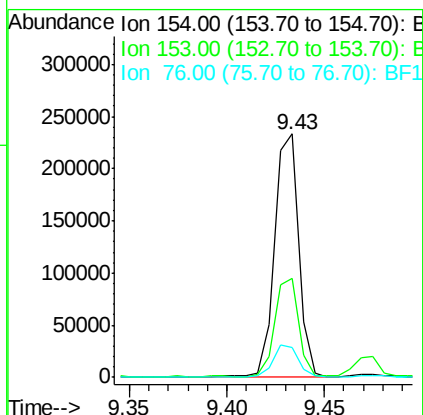
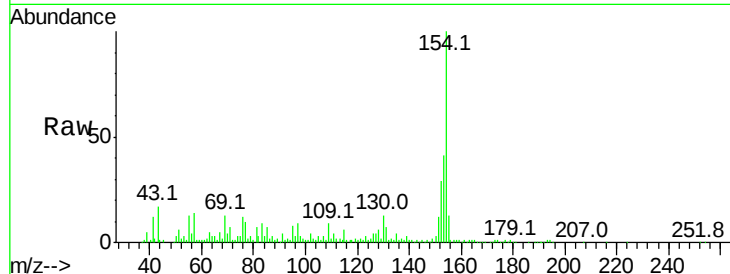




#45
 1,1'-Biphenyl
 Concen: 9.760 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF103817.D
 Acq: 20 Mar 2018 21:55

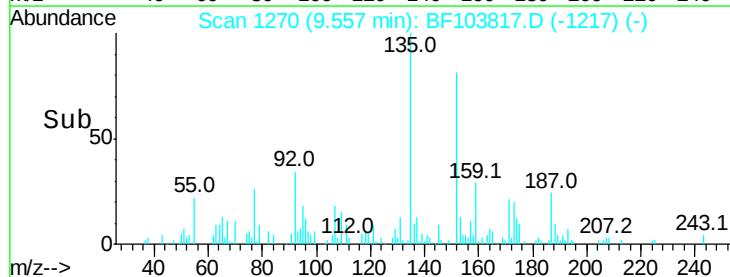
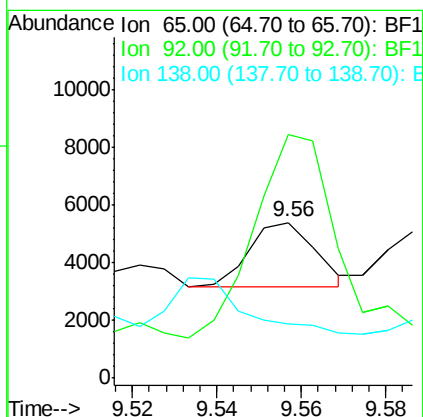
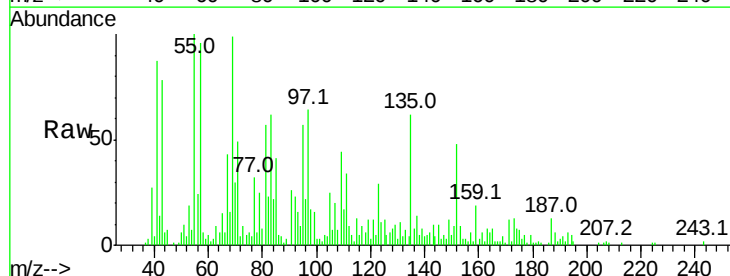
Instrument :
 BNA_F
 ClientSampleId :

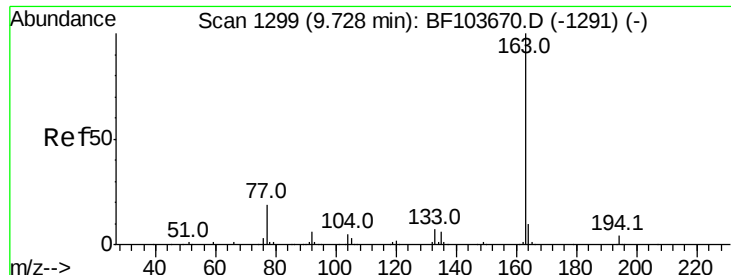
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	12.4	0.0	34.0



#47
 2-Nitroaniline
 Concen: 7.302 ng
 RT: 9.56 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: BF103817.D
 Acq: 20 Mar 2018 21:55

Tgt Ion	Ratio	Lower	Upper
65	100		
92	156.5	55.8	83.6#
138	35.2	91.2	136.8#

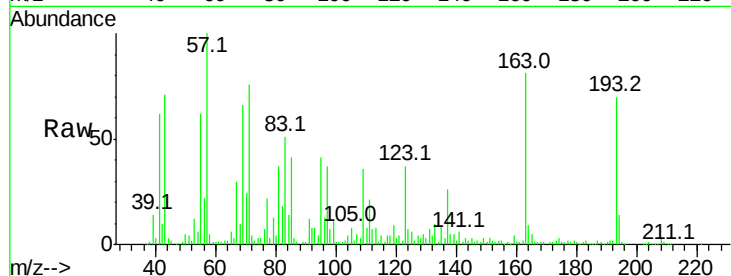




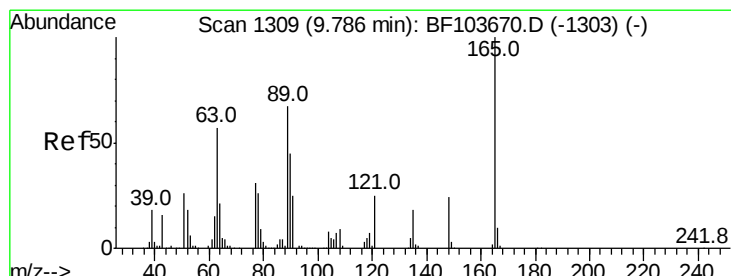
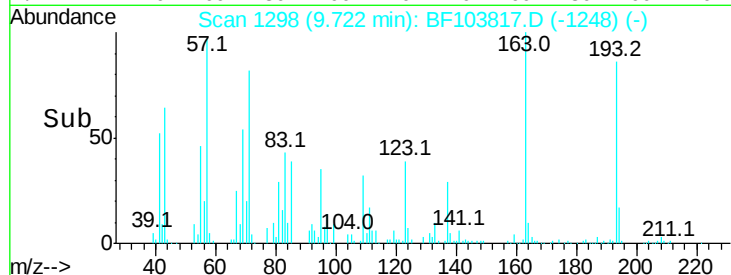
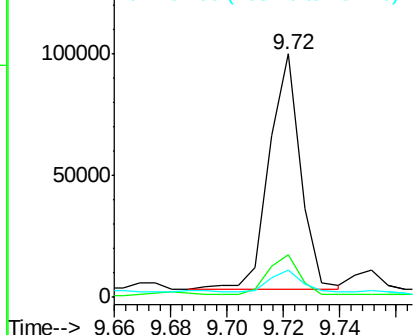
#49
Dimethylphthalate
Concen: 3.984 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 74284
Ion Ratio Lower Upper
163 100
194 17.7 2.7 4.1#
164 11.1 8.2 12.2

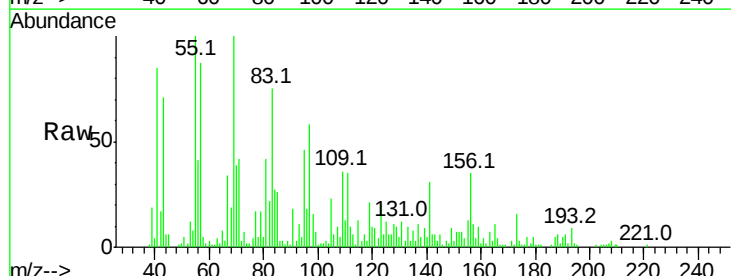


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

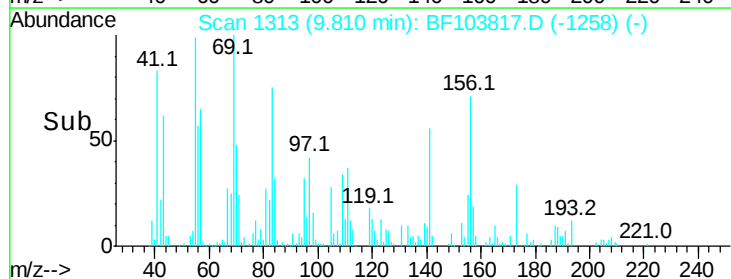
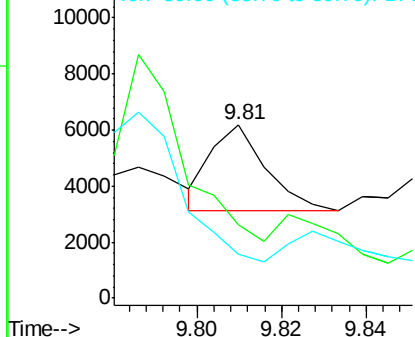


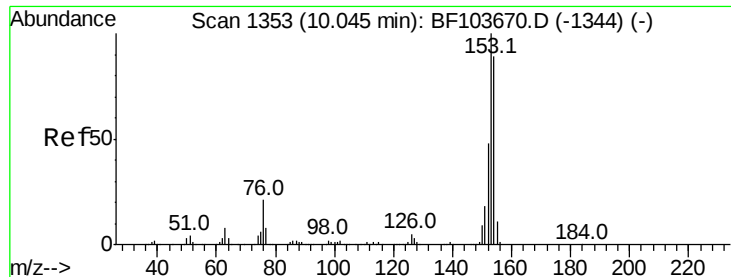
#50
2,6-Dinitrotoluene
Concen: 4.681 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Tgt Ion:165 Resp: 2744
Ion Ratio Lower Upper
165 100
63 42.2 44.7 67.1#
89 25.5 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: 16.779 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

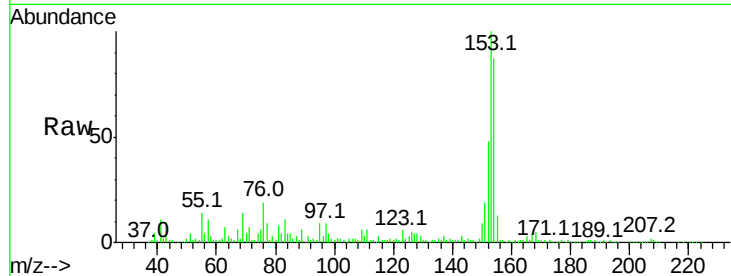
Tot Ion:154 Resp: 250071

Ion Ratio Lower Upper

154 100

153 115.5 91.2 136.8

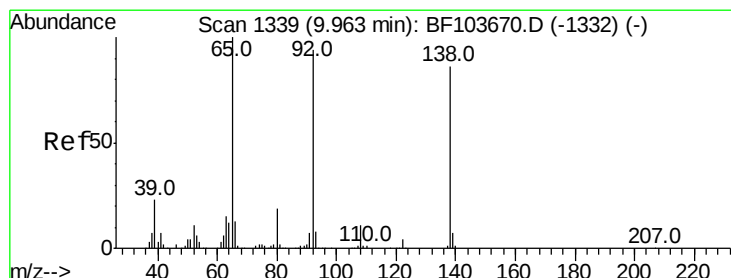
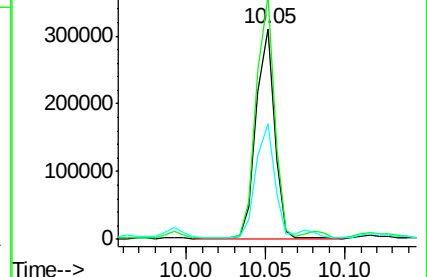
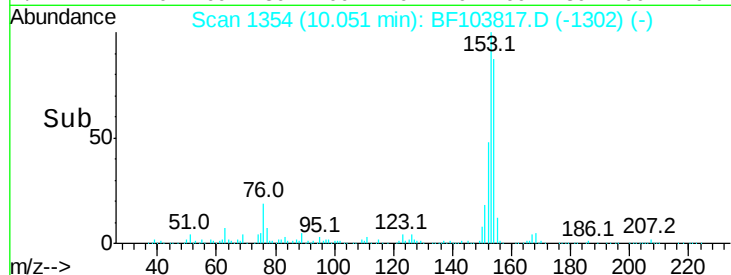
152 55.1 43.8 65.8



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: 5.294 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.00 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

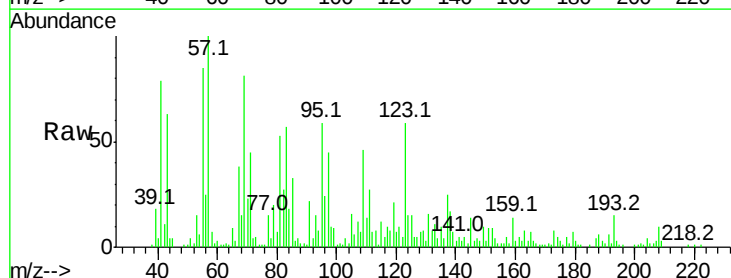
Tgt Ion:138 Resp: 6950

Ion Ratio Lower Upper

138 100

108 40.2 9.4 14.0#

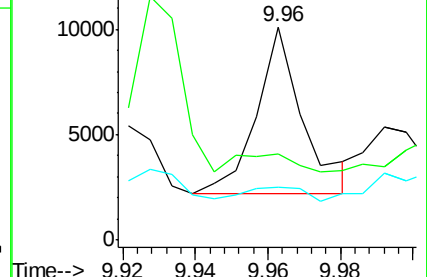
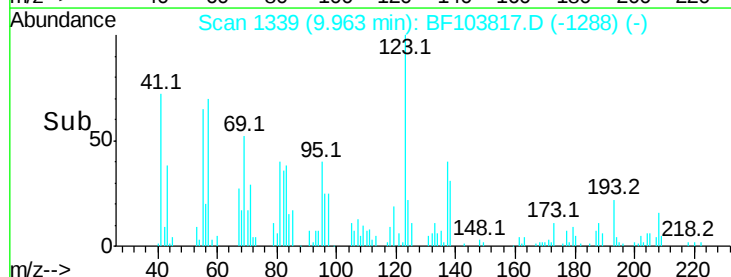
92 24.8 89.4 134.2#

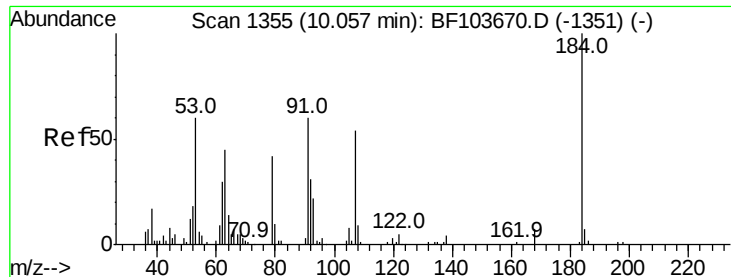


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

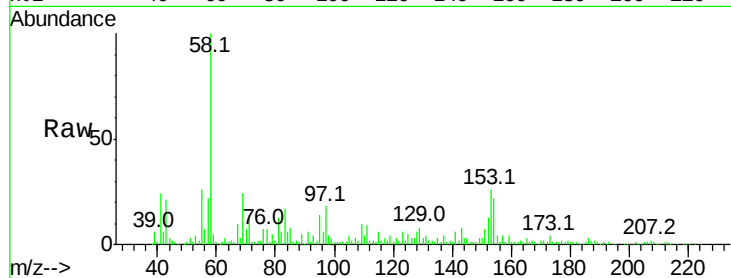




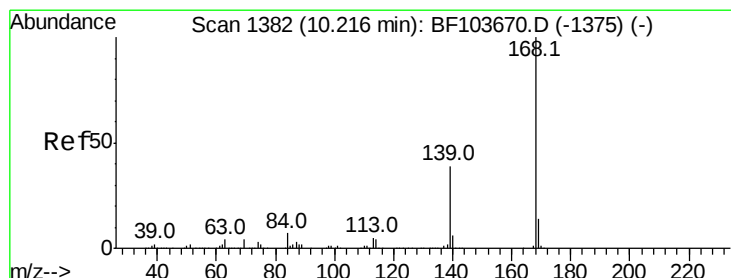
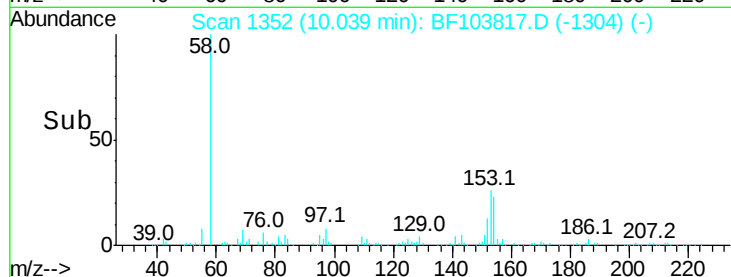
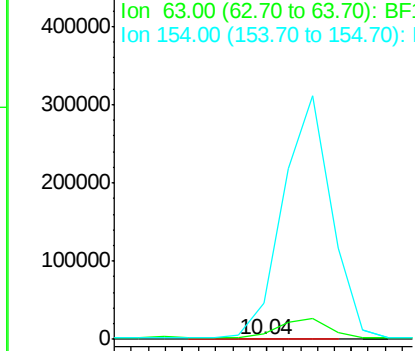
#53
2,4-Dinitrophenol
Concen: 7.402 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 518
Ion Ratio Lower Upper
184 100
63 1809.2 54.2 81.2#
154 11766.0 184.0 276.0#

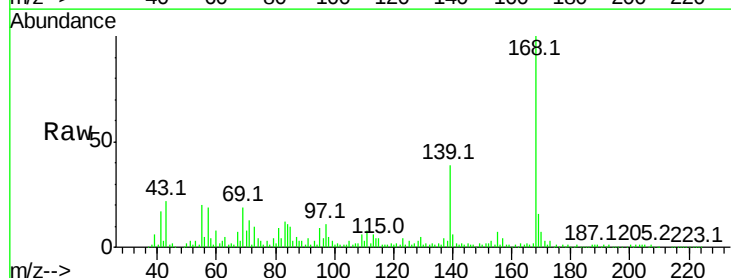


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

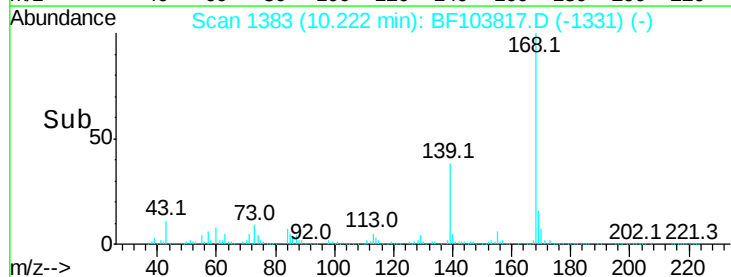
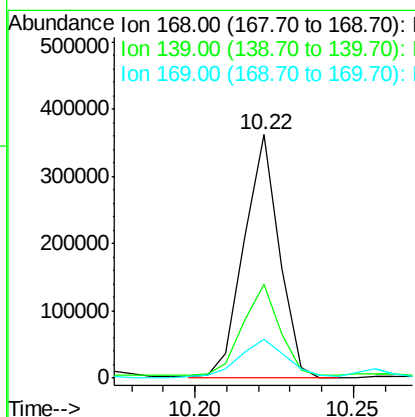


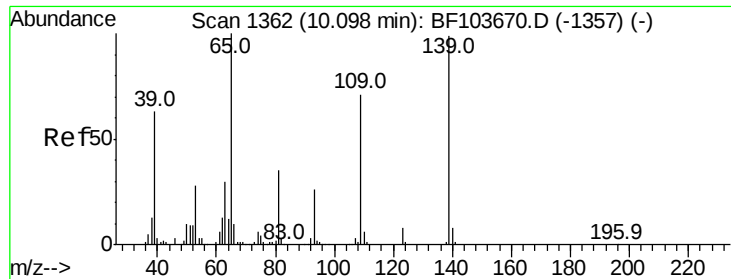
#54
Dibenzofuran
Concen: 12.993 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Tgt Ion:168 Resp: 276570
Ion Ratio Lower Upper
168 100
139 38.8 30.1 45.1
169 15.9 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

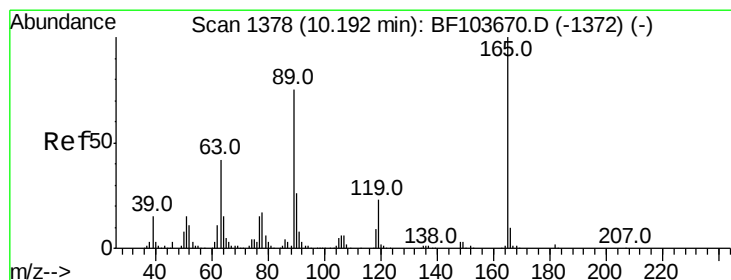
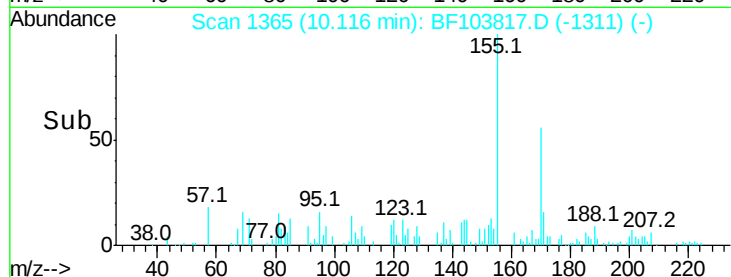
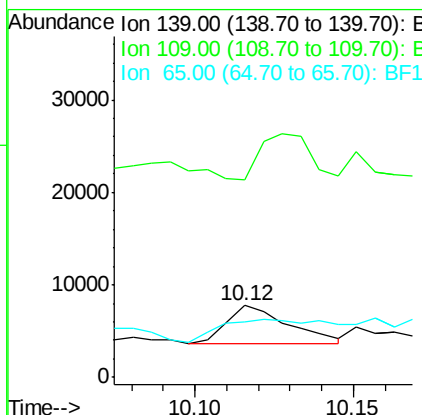
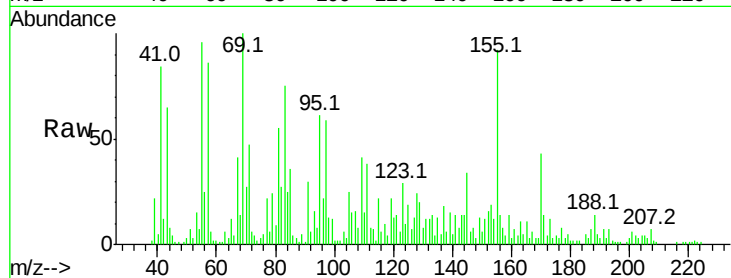




#55
4-Nitrophenol
Concen: 6.535 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.02 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

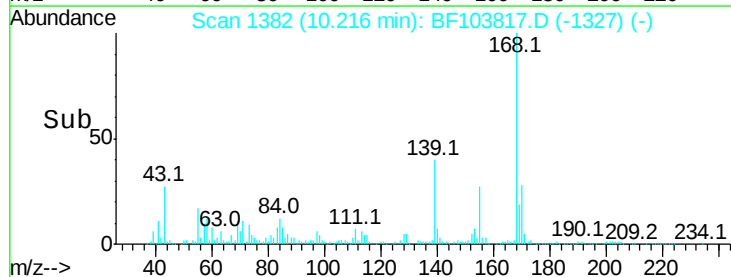
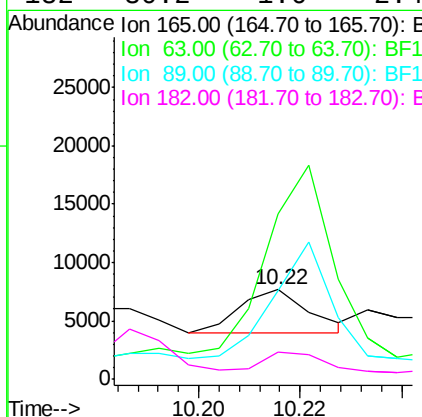
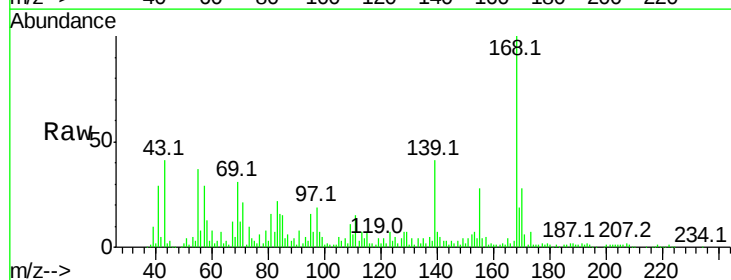
Instrument :
BNA_F
ClientSampleId :

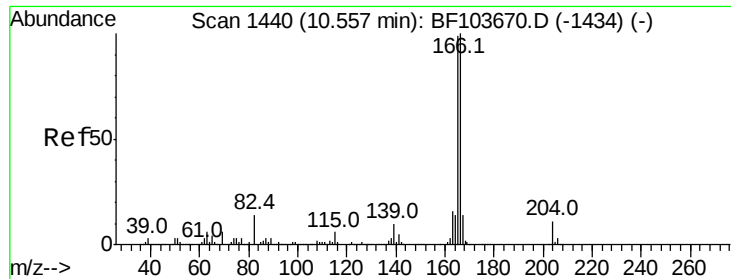
Tot Ion:139 Resp: 5696
Ion Ratio Lower Upper
139 100
109 275.9 48.4 88.4#
65 77.8 72.6 112.6



#56
2,4-Dinitrotoluene
Concen: 6.895 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.02 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Tgt Ion:165 Resp: 3575
Ion Ratio Lower Upper
165 100
63 184.7 36.4 54.6#
89 99.0 57.8 86.6#
182 30.2 1.6 2.4#

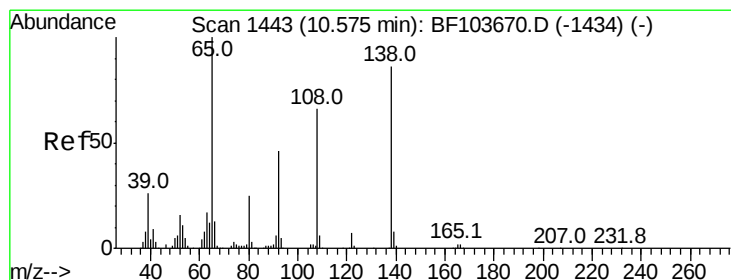
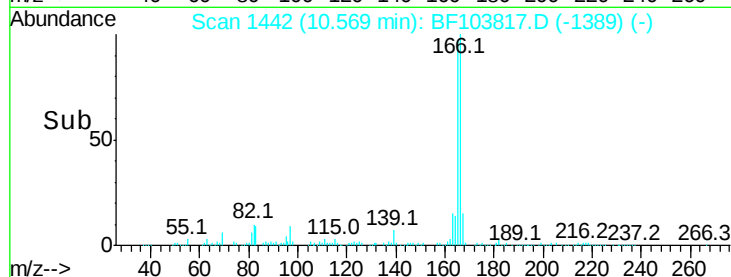
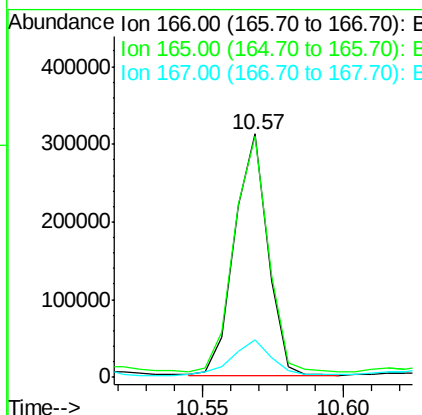
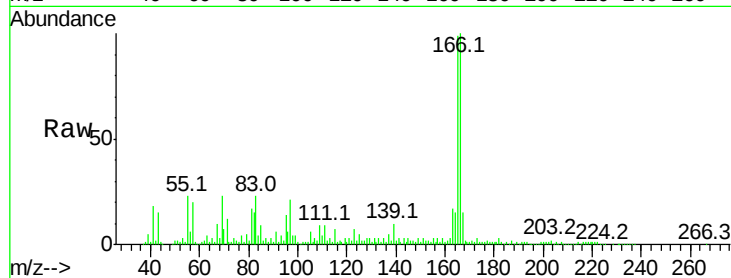




#57
 Fluorene
 Concen: 15.350 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. 0.01 min
 Lab File: BF103817.D
 Acq: 20 Mar 2018 21:55

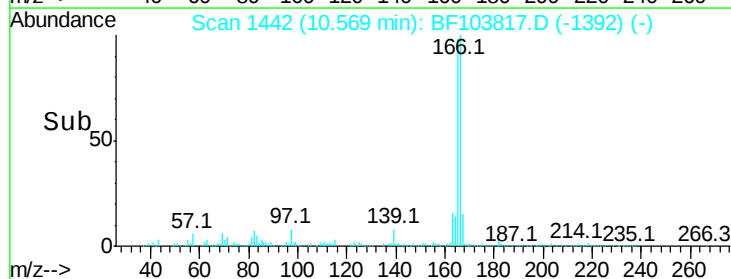
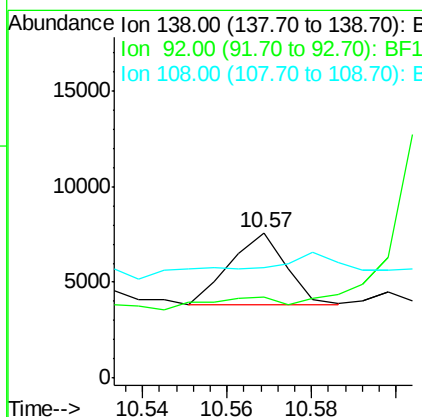
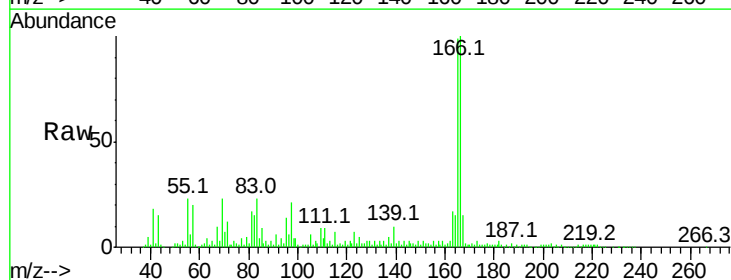
Instrument :
 BNA_F
 ClientSampleId :

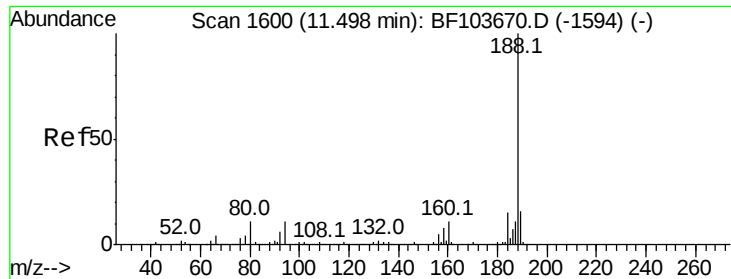
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	15.4	10.6	16.0



#61
 4-Nitroaniline
 Concen: 4.518 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF103817.D
 Acq: 20 Mar 2018 21:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.0	30.2	70.2
108	75.8	52.5	92.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1603

Delta R.T. 0.02 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

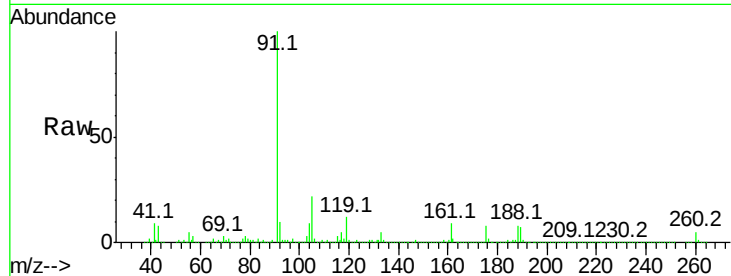
Tot Ion:188 Resp: 144144

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

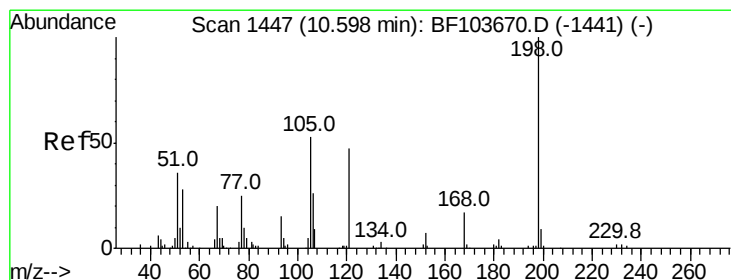
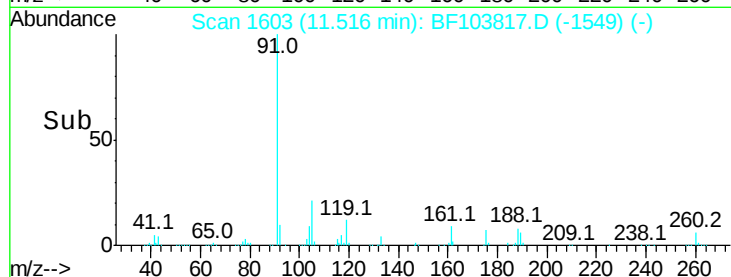
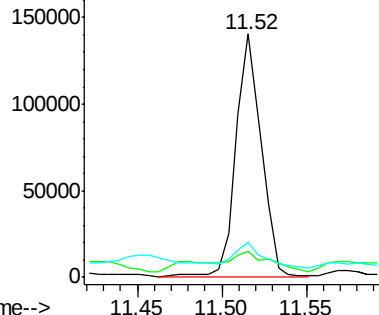
80 14.5 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 9.715 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.04 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

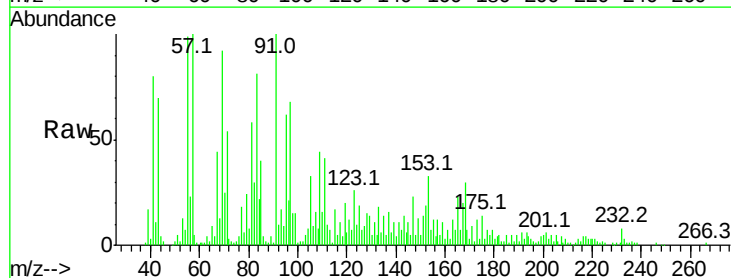
Tgt Ion:198 Resp: 774

Ion Ratio Lower Upper

198 100

51 301.3 37.7 77.7#

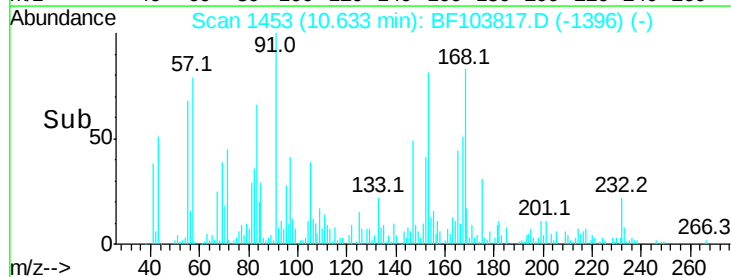
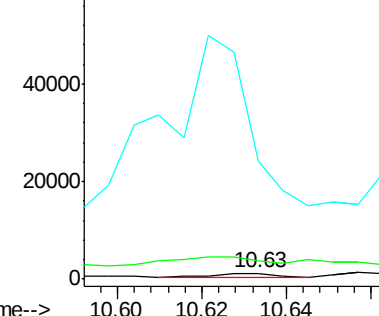
105 1937.6 36.3 76.3#

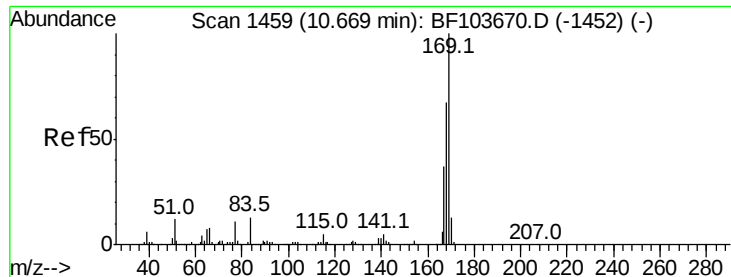


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

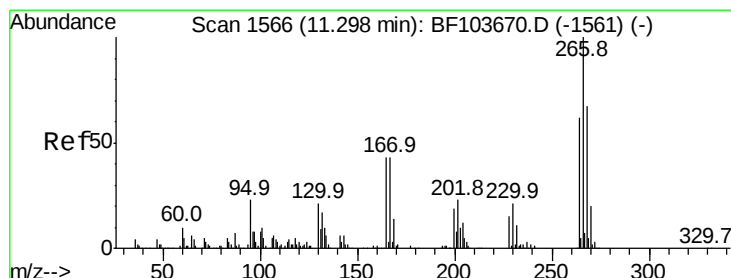
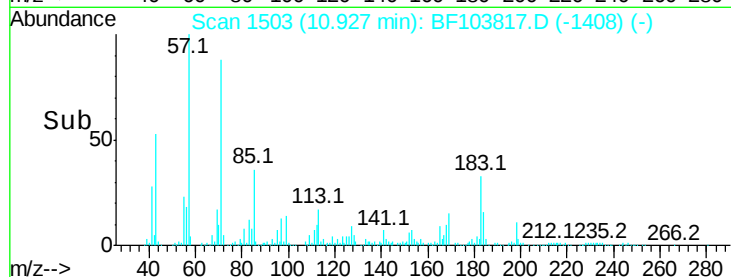
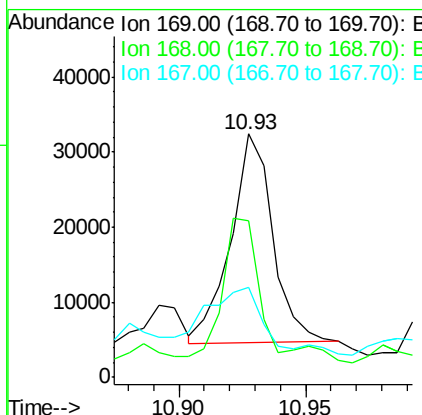
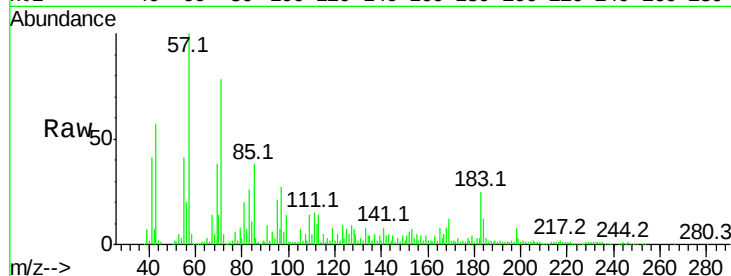




#65
n-Nitrosodiphenylamine
Concen: 6.505 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.26 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

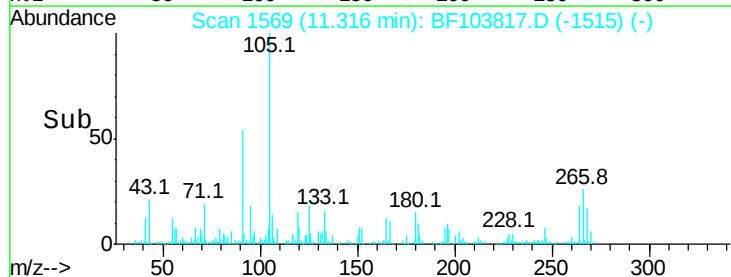
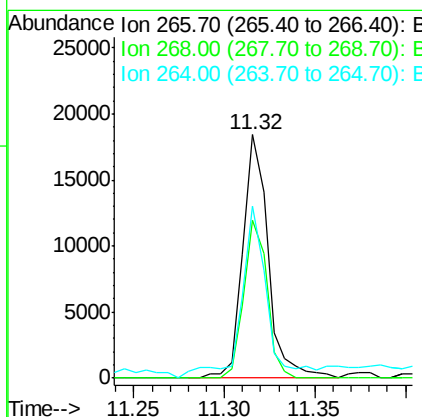
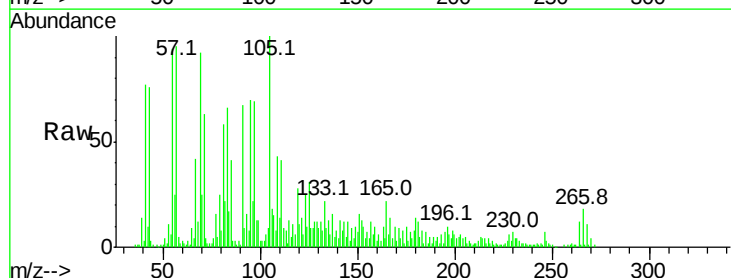
Instrument :
BNA_F
ClientSampleId :

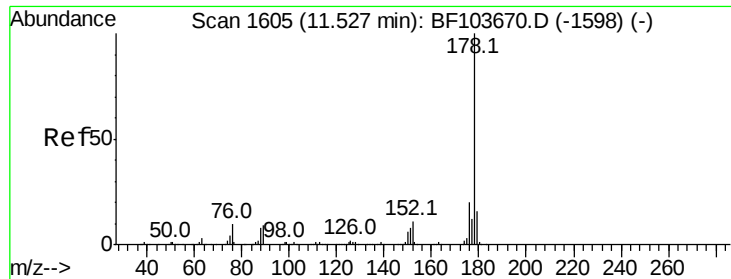
Tot Ion:169 Resp: 31917
Ion Ratio Lower Upper
169 100
168 64.4 54.4 81.6
167 36.7 29.8 44.6



#69
Pentachlorophenol
Concen: 18.455 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.02 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Tgt Ion:266 Resp: 17922
Ion Ratio Lower Upper
266 100
268 65.1 51.1 76.7
264 70.9 49.5 74.3





#70

Phenanthrene

Concen: 23.684 ng

RT: 11.54 min Scan# 1607

Delta R.T. 0.01 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

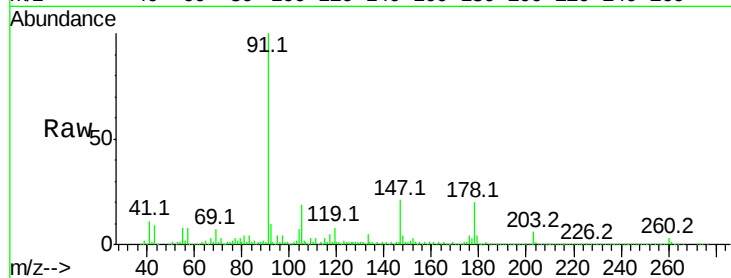
Tot Ion:178 Resp: 186750

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

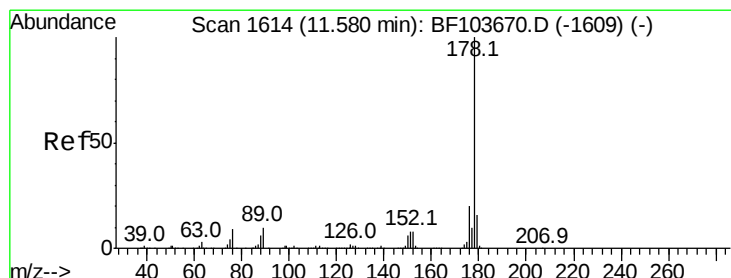
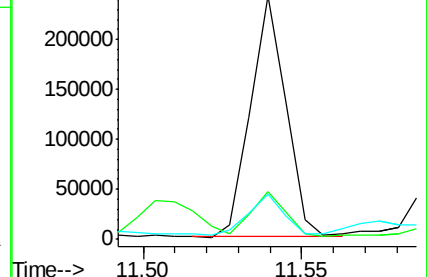
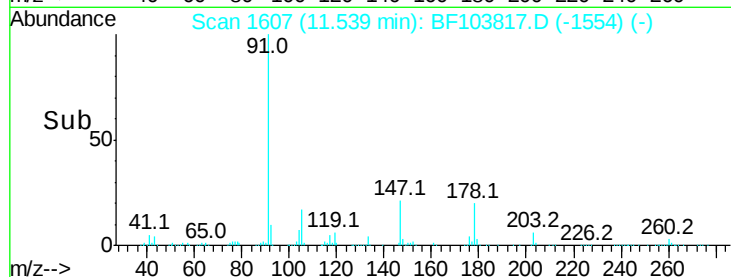
179 18.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 23.319 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.04 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

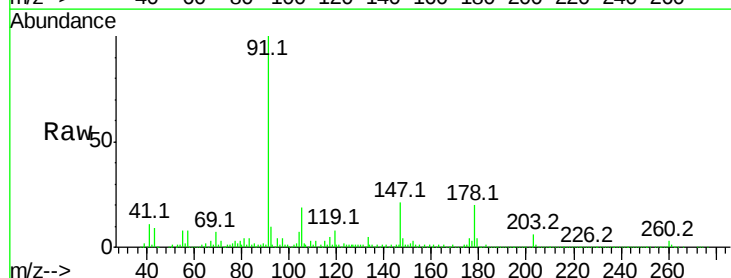
Tgt Ion:178 Resp: 186750

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

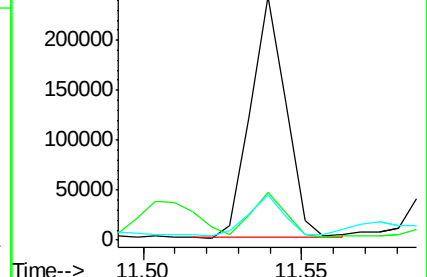
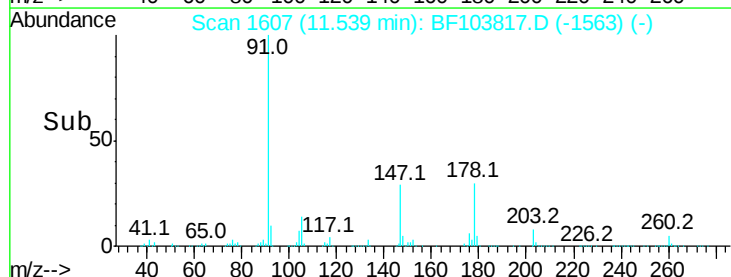
179 18.4 12.6 19.0

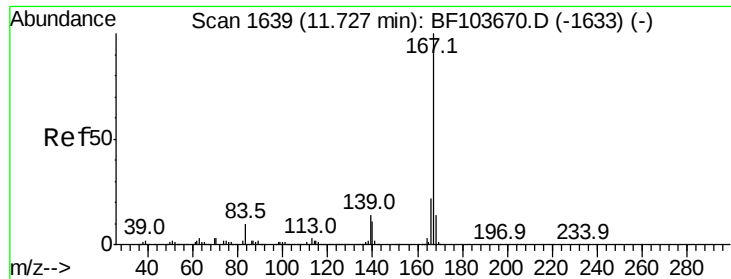


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.296 ng

RT: 11.75 min Scan# 1643

Delta R.T. 0.02 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

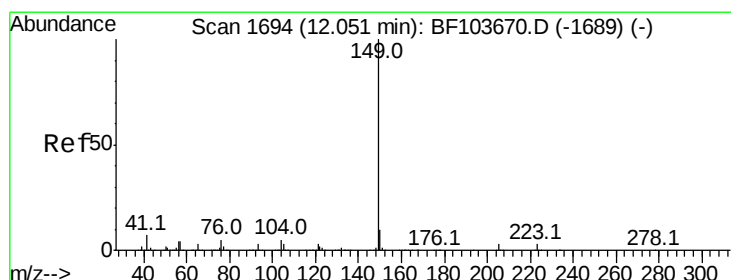
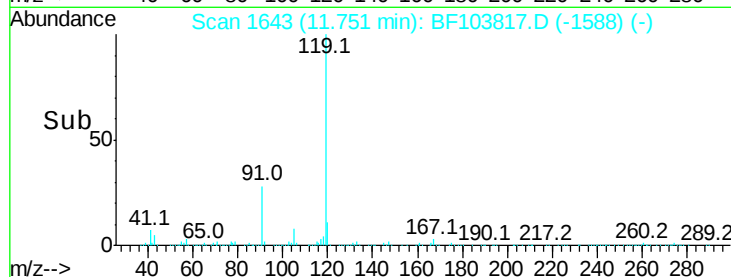
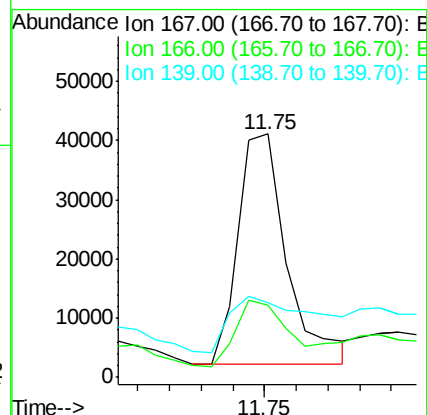
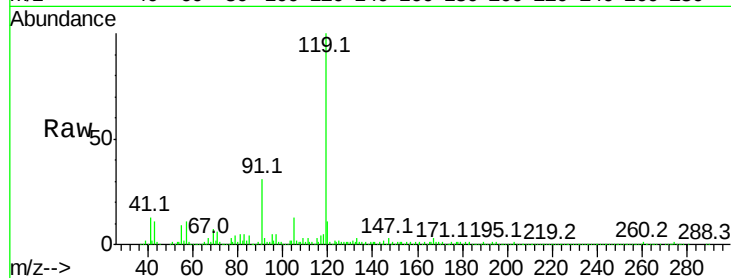
Tot Ion:167 Resp: 41221

Ion Ratio Lower Upper

167 100

166 29.5 17.6 26.4#

139 30.6 10.9 16.3#



#73

Di-n-butylphthalate

Concen: 3.313 ng

RT: 12.07 min Scan# 1698

Delta R.T. 0.02 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

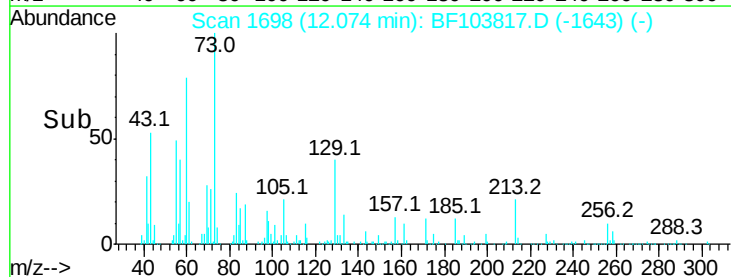
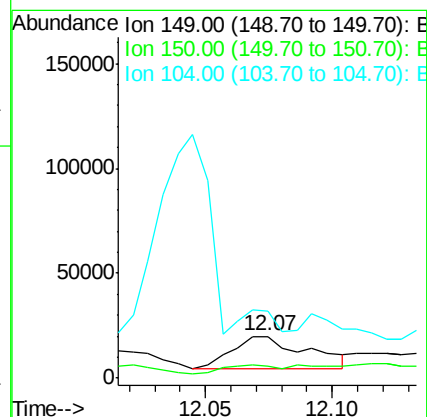
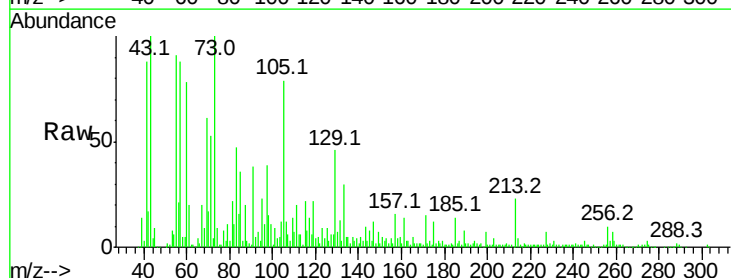
Tgt Ion:149 Resp: 30947

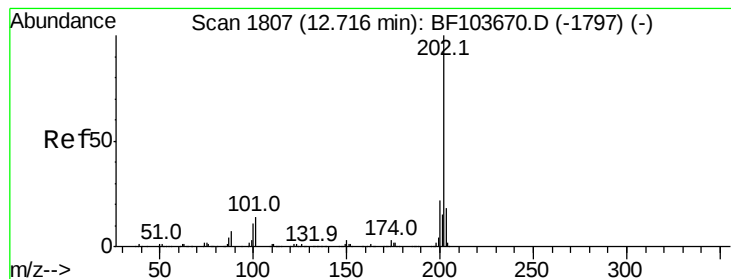
Ion Ratio Lower Upper

149 100

150 28.7 7.8 11.6#

104 161.5 3.8 5.8#





#74

Fluoranthene

Concen: 5.211 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.04 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

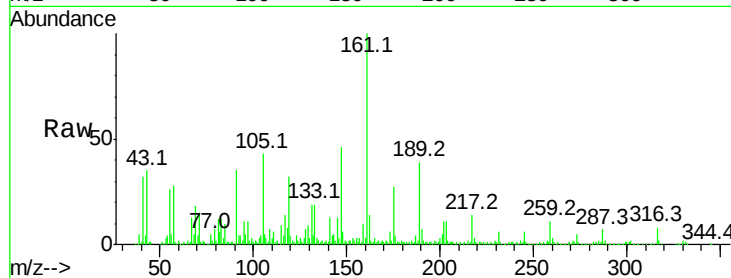
Tot Ion:202 Resp: 42327

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

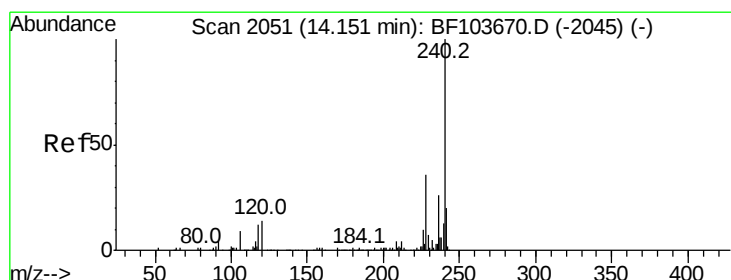
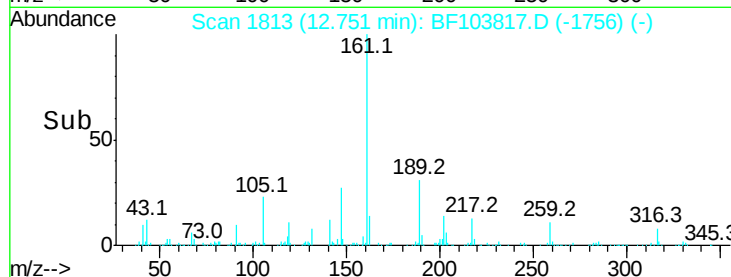
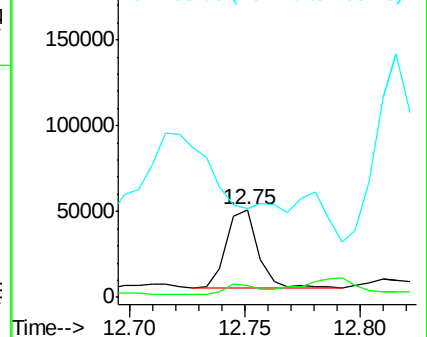
203 101.8 0.0 38.1#



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: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

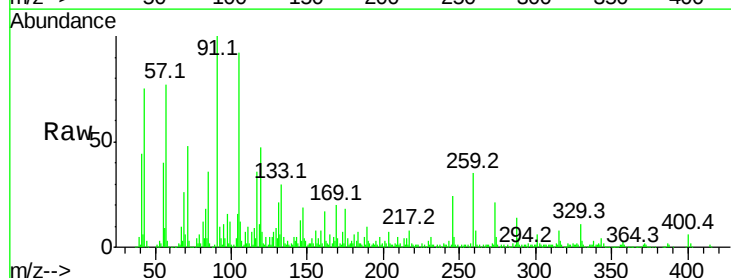
Tgt Ion:240 Resp: 3397

Ion Ratio Lower Upper

240 100

120 733.1 9.5 14.3#

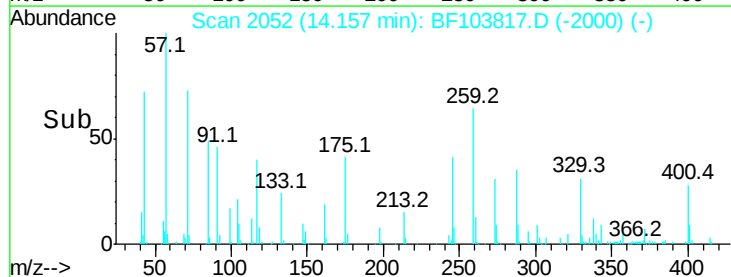
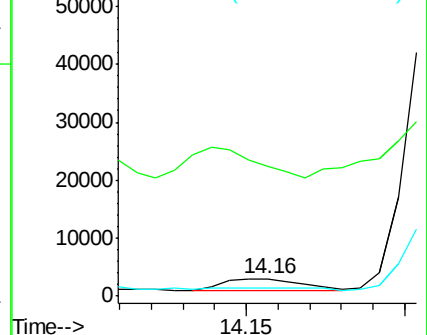
236 45.6 20.7 31.1#

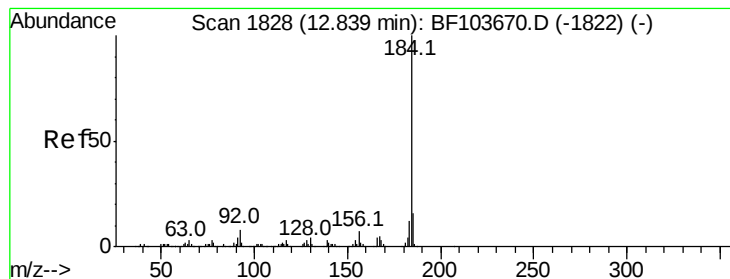


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 32.992 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

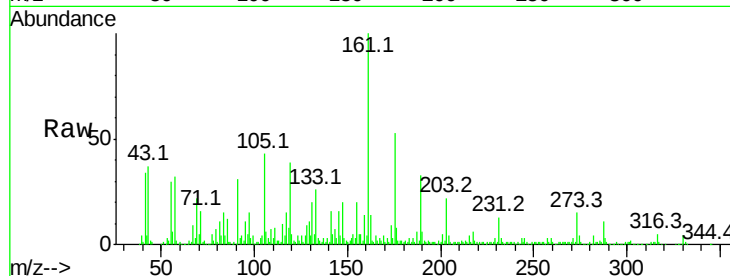
Tot Ion:184 Resp: 4780

Ion Ratio Lower Upper

184 100

185 252.0 12.6 18.8#

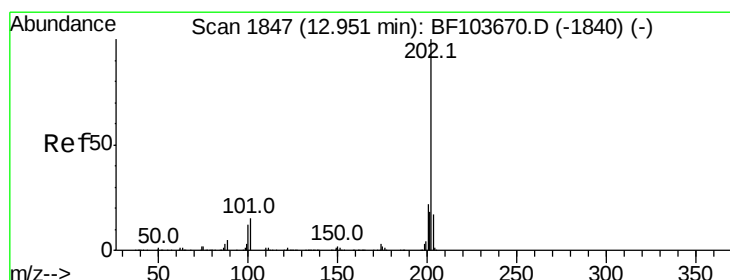
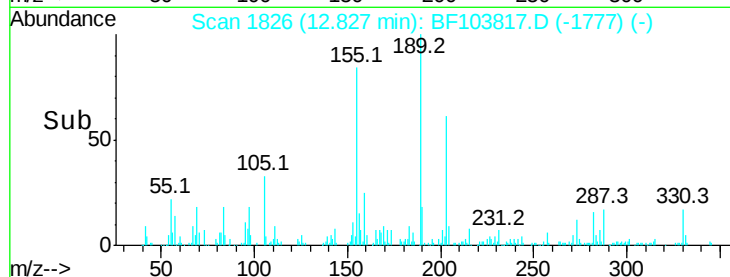
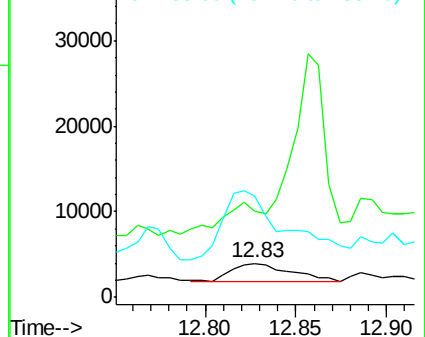
183 297.1 9.3 13.9#



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

Pyrene

Concen: 5.331 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

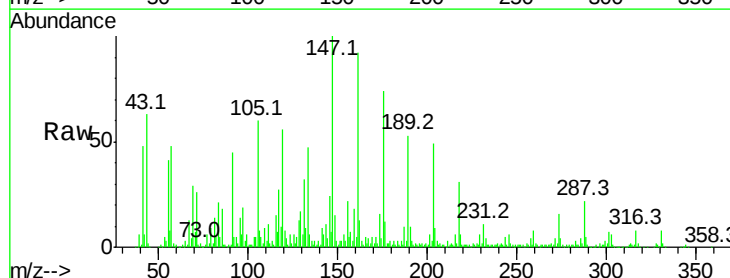
Tgt Ion:202 Resp: 1330

Ion Ratio Lower Upper

202 100

200 35.2 17.4 26.2#

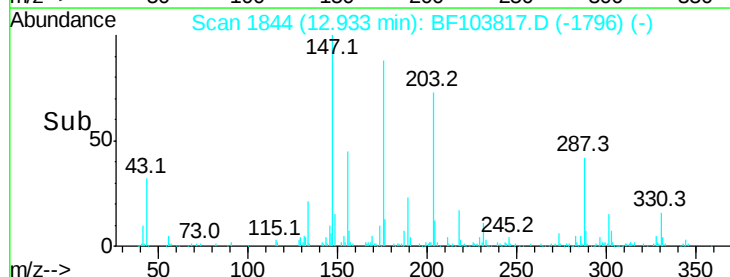
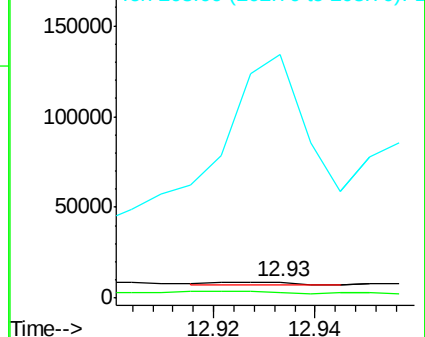
203 1513.4 14.3 21.5#

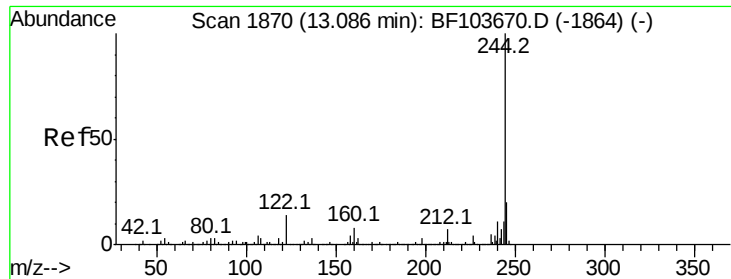


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 3162.170 ng

RT: 13.13 min Scan# 1877

Delta R.T. 0.04 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampleId :

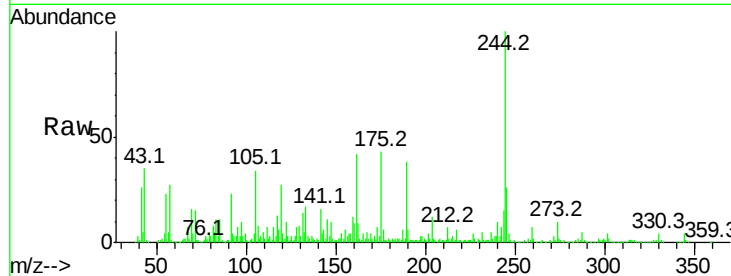
Tot Ion:244 Resp: 462784

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

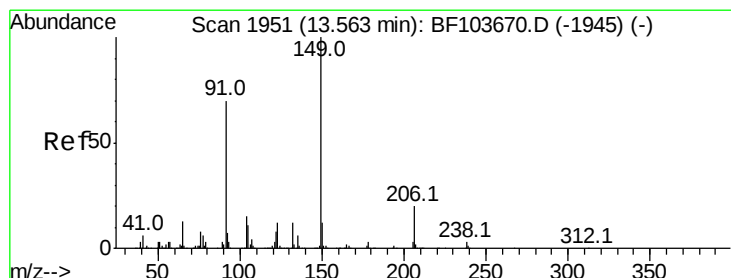
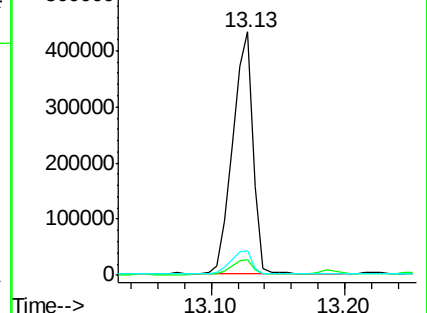
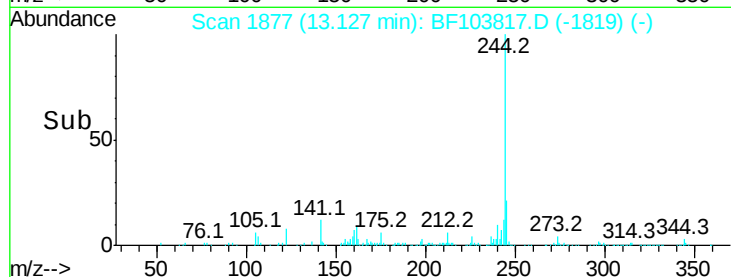
122 10.0 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 24.419 ng

RT: 13.54 min Scan# 1948

Delta R.T. -0.02 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

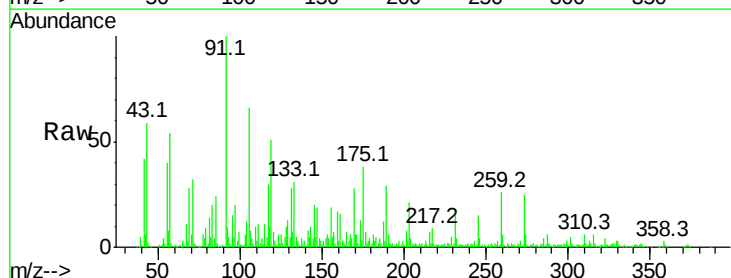
Tgt Ion:149 Resp: 2699

Ion Ratio Lower Upper

149 100

91 3647.0 56.8 85.2#

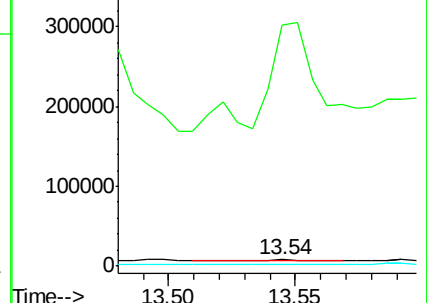
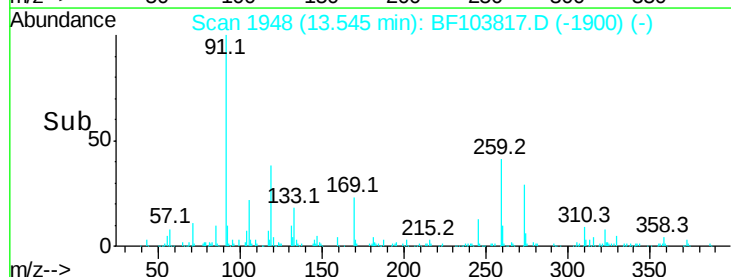
206 28.0 14.1 21.1#

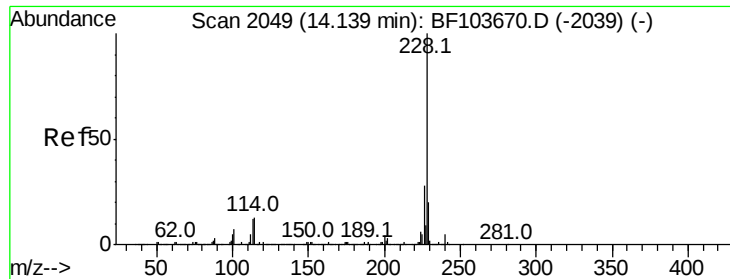


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 2.483 ng

RT: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampled :

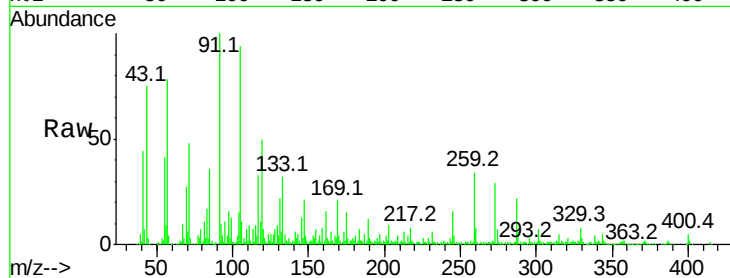
Tot Ion:228 Resp: 534

Ion Ratio Lower Upper

228 100

226 131.9 22.6 33.8#

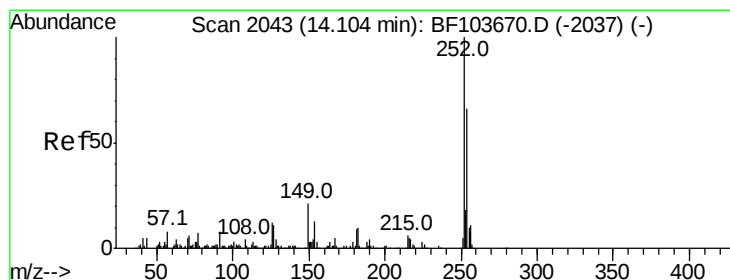
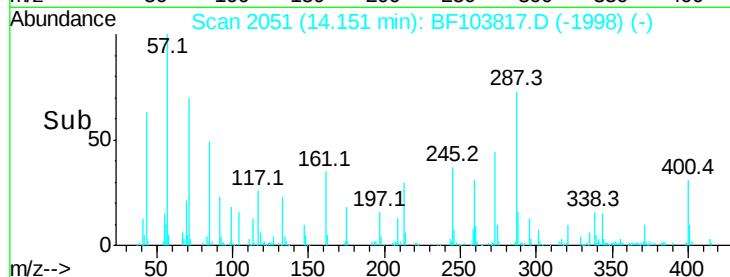
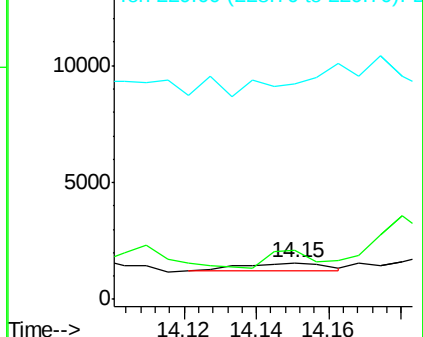
229 586.8 15.8 23.6#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 12.263 ng

RT: 14.11 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

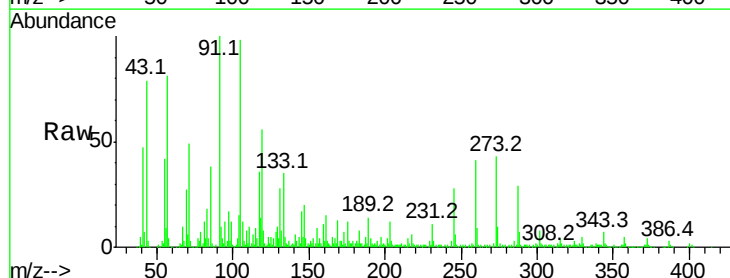
Tgt Ion:252 Resp: 882

Ion Ratio Lower Upper

252 100

254 74.0 50.4 75.6

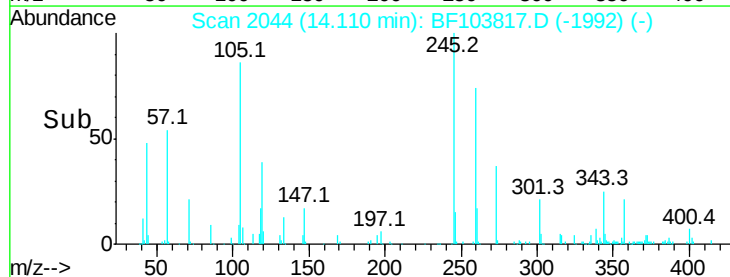
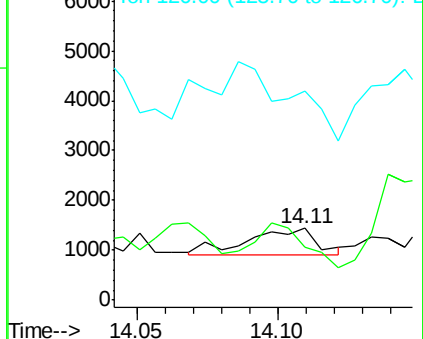
126 291.7 11.3 16.9#

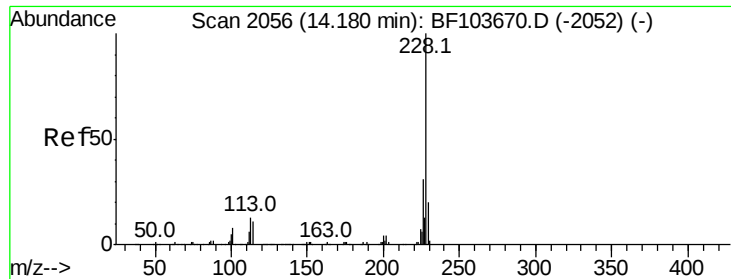


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 15.002 ng

RT: 14.20 min Scan# 2059

Delta R.T. 0.02 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

Instrument :

BNA_F

ClientSampled :

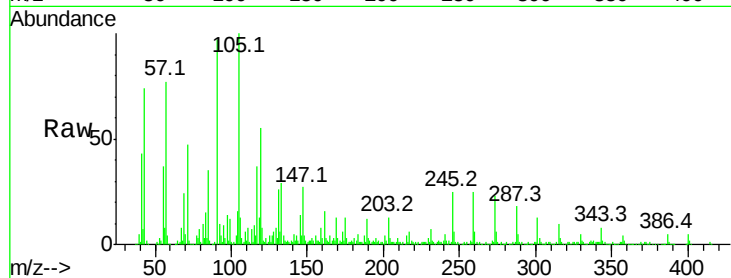
Tot Ion:228 Resp: 3075

Ion Ratio Lower Upper

228 100

226 74.1 25.0 37.6#

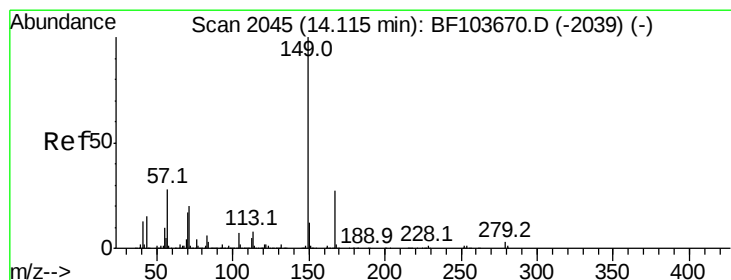
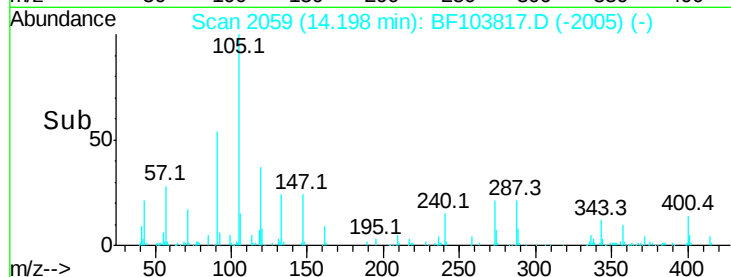
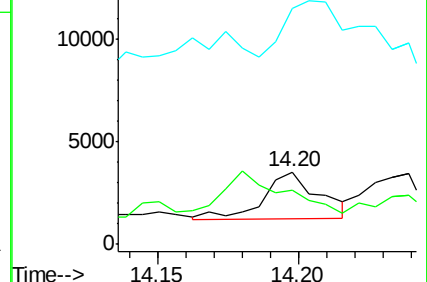
229 325.7 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 9.392 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BF103817.D

Acq: 20 Mar 2018 21:55

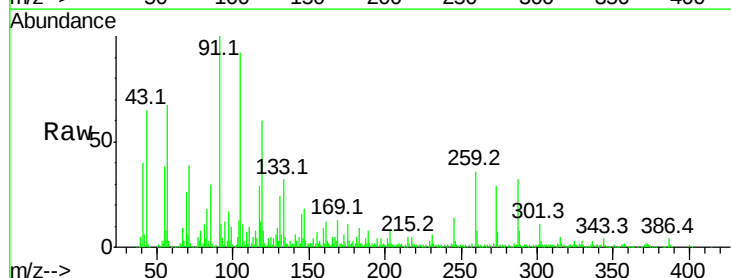
Tgt Ion:149 Resp: 1483

Ion Ratio Lower Upper

149 100

167 250.0 21.3 31.9#

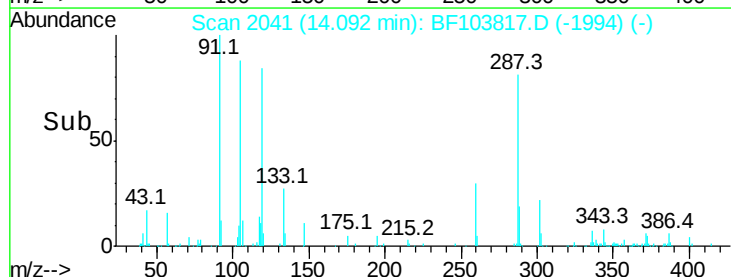
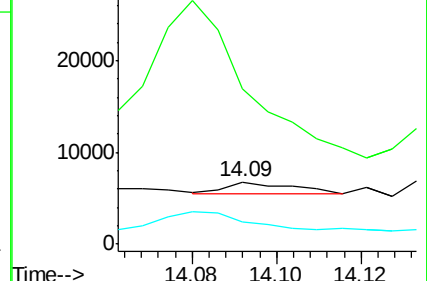
279 35.9 3.0 4.4#

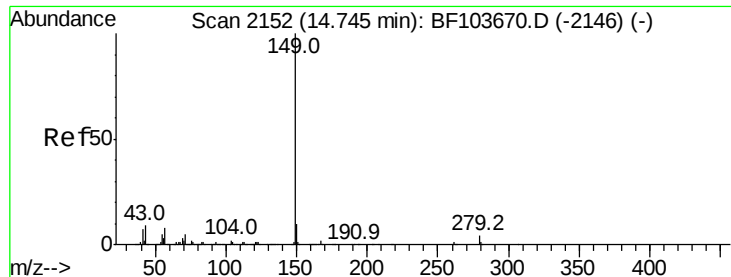


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

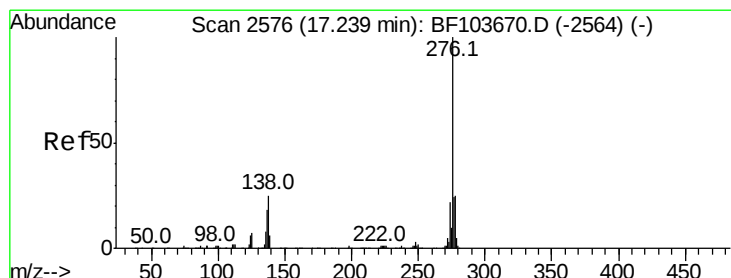
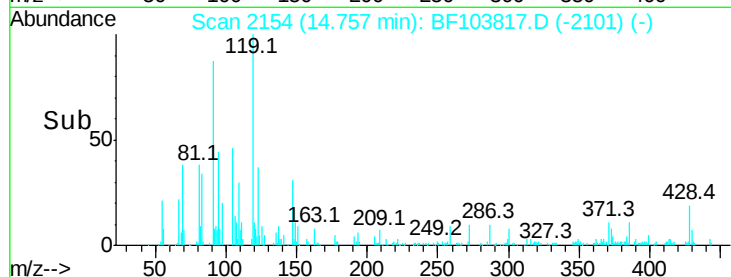
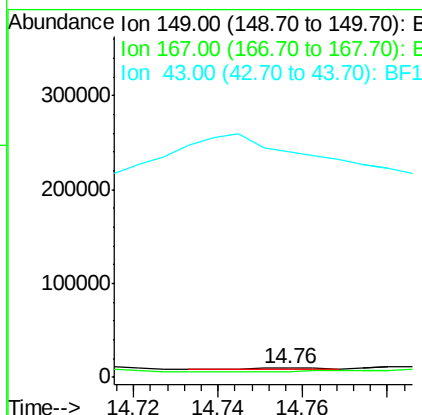
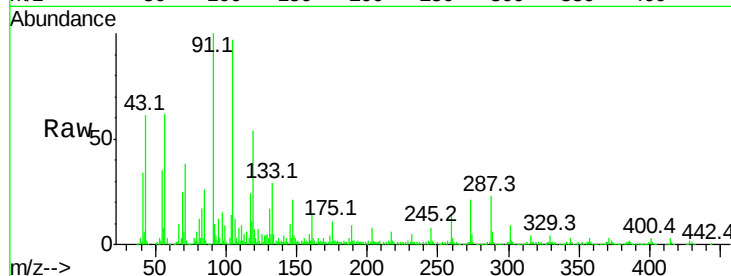




#84
Di-n-octyl phthalate
Concen: 10.591 ng
RT: 14.76 min Scan# 2154
Delta R.T. 0.01 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

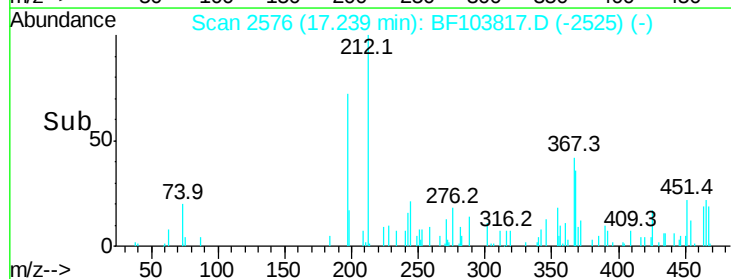
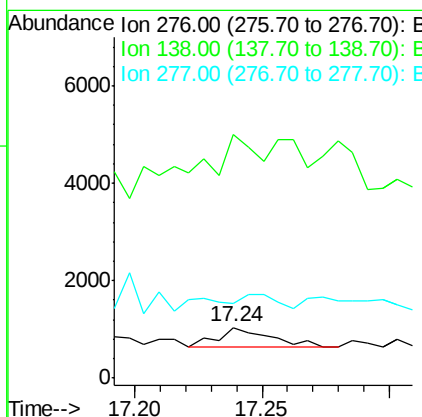
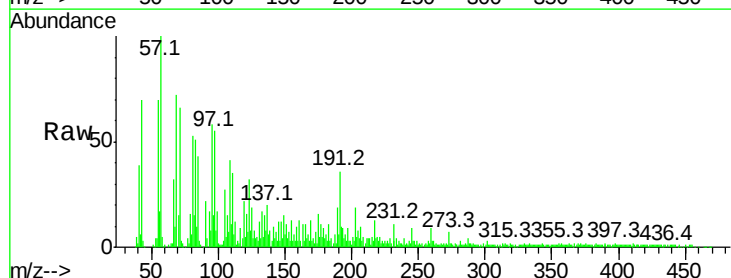
Instrument :
BNA_F
ClientSampleId :

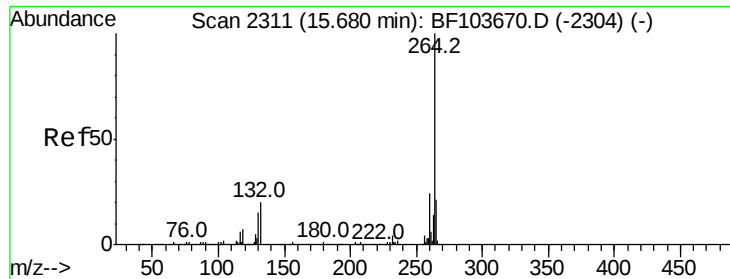
Tot Ion:149 Resp: 2433
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 3427.5 8.4 12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.341 ng
RT: 17.24 min Scan# 2576
Delta R.T. -0.00 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Tgt Ion:276 Resp: 598
Ion Ratio Lower Upper
276 100
138 401.5 25.0 37.6#
277 64.4 20.1 30.1#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.80 min Scan# 2331
Delta R.T. 0.12 min
Lab File: BF103817.D
Acq: 20 Mar 2018 21:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.2	28.8
265	23.3	17.5	26.3

