

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098080.D
 Acq On : 28 Aug 2017 21:47
 Operator : SJ/JU
 Sample : I4972-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

Quant Time: Aug 29 07:52:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	96224	20.00	ng	0.15
21) Naphthalene-d8	8.31	136	1005	20.00	ng	0.28
38) Acenaphthene-d10	10.12	164	645	20.00	ng	0.34
63) Phenanthrene-d10	11.67	188	430	20.00	ng	0.41
75) Chrysene-d12	14.41	240	8960	20.00	ng	0.51
86) Perylene-d12	15.86	264	5104	20.00	ng	0.55
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	750380	118.62	ng	0.00
7) Phenol-d6	6.37	99	1273521	148.16	ng	-0.01
23) Nitrobenzene-d5	7.67	82	5487	296.60	ng	0.35
41) 2,4,6-Tribromophenol	10.67	330	108	19.30	ng	0.10
44) 2-Fluorobiphenyl	9.15	172	917640	20902.35	ng	0.04
78) Terphenyl-d14	13.31	244	2748	6.40	ng	0.46
Target Compounds						
						Qvalue
9) Benzaldehyde	6.43	77	41364	7.598	ng	# 1
10) Phenol	6.40	94	51172	5.090	ng	# 1
12) 1,3-Dichlorobenzene	6.77	146	3545962	494.129	ng	# 95
13) 1,4-Dichlorobenzene	6.93	146	1899940	260.319	ng	# 93
14) 1,2-Dichlorobenzene	6.93	146	1899940	282.322	ng	# 99
15) Benzyl Alcohol	7.07	79	14955	2.324	ng	# 6
18) Hexachloroethane	7.32	117	83360	29.132	ng	# 1
19) n-Nitroso-di-n-propylamine	7.36	70	51599	8.769	ng	# 89
22) Acetophenone	7.40	105	12640	476.088	ng	# 34
24) Nitrobenzene	7.62	77	4166	202.248	ng	# 28
25) Isophorone	7.67	82	5487	142.638	ng	# 8
27) 2,4-Dimethylphenol	8.10	122	58797	3664.905	ng	# 1
28) bis(2-Chloroethoxy)methane	8.13	93	719	28.430	ng	# 1
29) 2,4-Dichlorophenol	8.17	162	156	11.714	ng	# 1
30) 1,2,4-Trichlorobenzene	7.97	180	1875892	127065.012	ng	# 99
31) Naphthalene	8.45	128	194162	3721.391	ng	# 99
32) Benzoic acid	8.10	122	58797	4365.324	ng	# 6
33) 4-Chloroaniline	8.45	127	28164	1279.946	ng	# 39
34) Hexachlorobutadiene	8.66	225	1455	168.798	ng	# 1
35) Caprolactam	8.83	113	2623	579.360	ng	# 20
36) 4-Chloro-3-methylphenol	8.99	107	122042	7132.600	ng	# 8
37) 2-Methylnaphthalene	8.83	142	99309	3104.589	ng	# 99
39) 1,2,4,5-Tetrachlorobenzene	9.24	216	699480	35336.488	ng	# 100
42) 2,4,6-Trichlorophenol	9.24	196	4679	352.076	ng	# 86
43) 2,4,5-Trichlorophenol	9.24	196	4679	354.889	ng	# 30
45) 1,1'-Biphenyl	9.24	154	15130	257.234	ng	# 97
46) 2-Chloronaphthalene	9.79	162	163263	3756.697	ng	# 15
47) 2-Nitroaniline	9.65	65	855	58.685	ng	# 46
48) Acenaphthylene	9.98	152	6232	91.316	ng	# 1
49) Dimethylphthalate	9.79	163	46123	978.268	ng	# 1
50) 2,6-Dinitrotoluene	9.88	165	819	87.025	ng	# 41
51) Acenaphthene	10.17	154	8776	203.894	ng	# 51
52) 3-Nitroaniline	10.11	138	1462	120.407	ng	# 52
53) 2,4-Dinitrophenol	10.14	184	579	123.081	ng	# 93

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

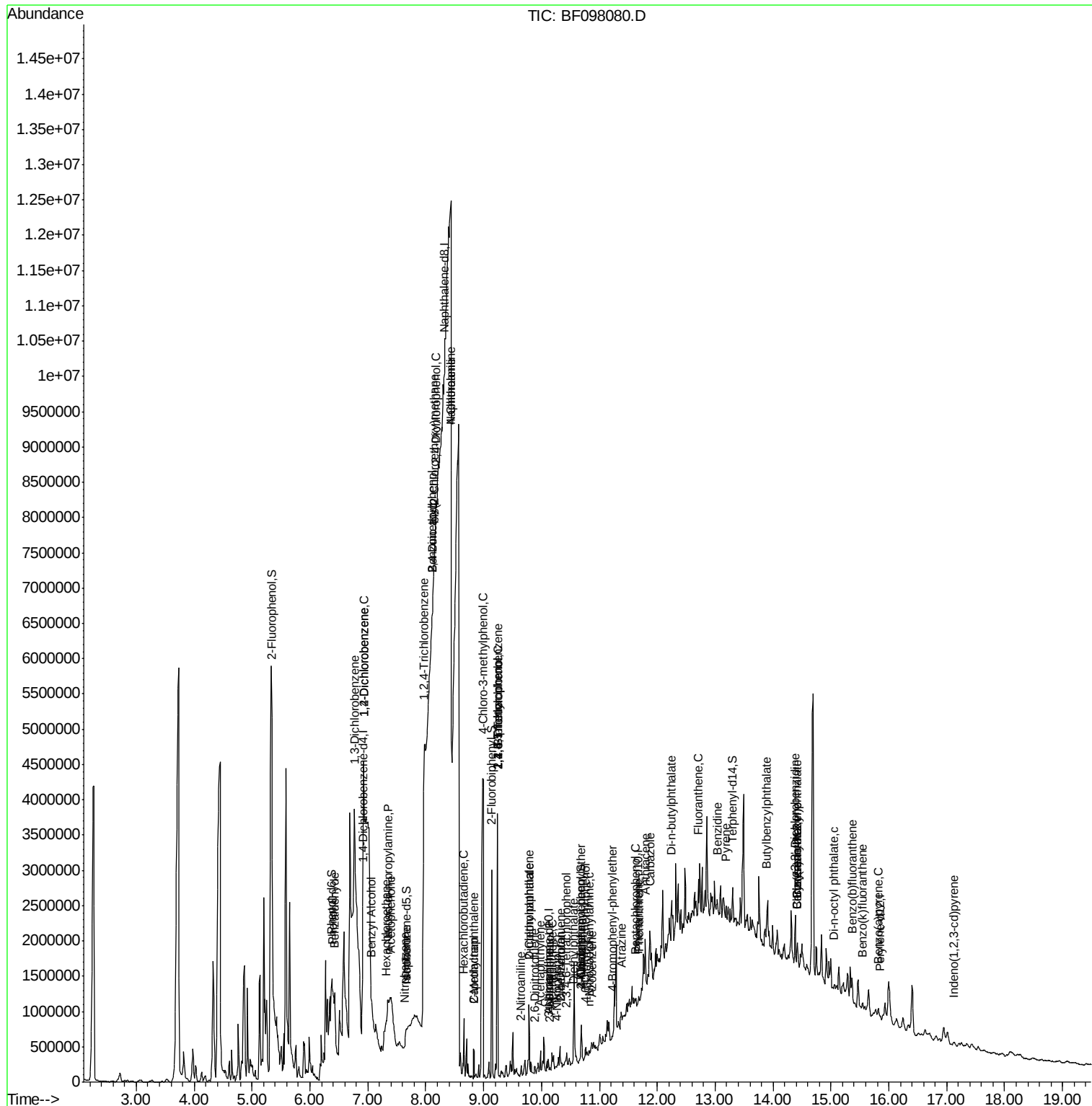
54) Dibenzofuran	10.33	168	2277	39.472	nq	# 1
55) 4-Nitrophenol	10.26	139	951	98.183	nq	# 1
56) 2,4-Dinitrotoluene	10.32	165	61673	5221.832	nq	# 38
57) Fluorene	10.69	166	4782	107.220	nq	# 1
58) 2,3,4,6-Tetrachlorophenol	10.44	232	224	21.944	nq	# 1
59) Diethylphthalate	10.55	149	341	6.916	nq	# 19
60) 4-Chlorophenyl-phenylether	10.67	204	928	44.788	nq	# 1
61) 4-Nitroaniline	10.70	138	802	69.496	nq	# 1
62) Azobenzene	10.87	77	1179	20.131	nq	# 59
64) 4,6-Dinitro-2-methylphenol	10.76	198	3943	1616.917	nq	# 58
65) n-Nitrosodiphenylamine	10.83	169	10430	712.297	nq	# 46
66) 4-Bromophenyl-phenylether	11.21	248	306	68.529	nq	# 1
68) Atrazine	11.38	200	325	83.693	nq	# 1
69) Pentachlorophenol	11.61	266	365	137.546	nq	# 1
70) Phenanthrene	11.69	178	8573	374.147	nq	# 1
71) Anthracene	11.79	178	17313	744.953	nq	# 1
72) Carbazole	11.88	167	5657	256.435	nq	# 1
73) Di-n-butylphthalate	12.25	149	1149	45.218	nq	# 1
74) Fluoranthene	12.71	202	321200	13430.162	nq	# 94
76) Benzidine	13.03	184	4948	16.843	nq	# 1
77) Pyrene	13.19	202	19169	26.158	nq	# 7
79) Butylbenzylphthalate	13.89	149	146418	521.123	nq	# 44
80) Benzo(a)anthracene	14.40	228	1124	2.093	nq	# 1
81) 3,3'-Dichlorobenzidine	14.37	252	2611	14.409	nq	# 1
82) Chrysene	14.40	228	1124	2.104	nq	# 1
83) Bis(2-ethylhexyl)phthalate	14.42	149	12801	41.115	nq	# 94
84) Di-n-octyl phthalate	15.06	149	7525	13.891	nq	# 75
85) Indeno(1,2,3-cd)pyrene	17.13	276	42233	107.469	nq	# 93
87) Benzo(b)fluoranthene	15.36	252	18141	56.387	nq	# 22
88) Benzo(k)fluoranthene	15.56	252	3025	10.008	nq	# 1
89) Benzo(a)pyrene	15.81	252	827	2.904	nq	# 1

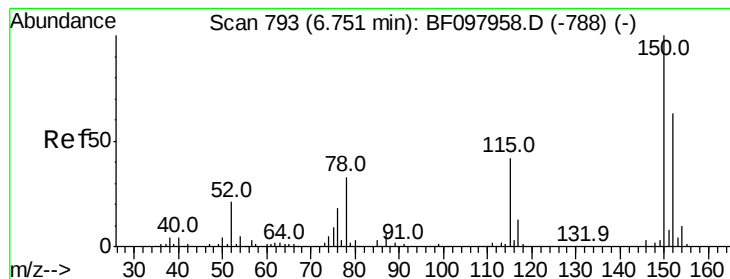
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. 0.15 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

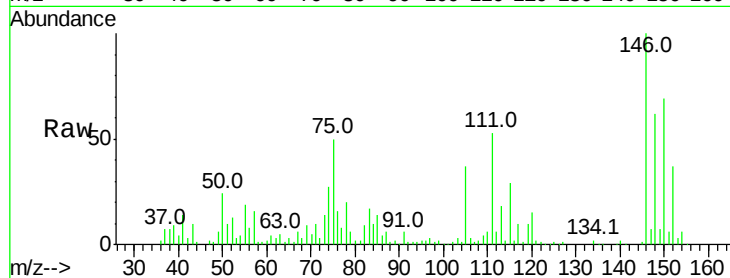
Tot Ion:152 Resp: 96224

Ion Ratio Lower Upper

152 100

150 184.6 126.2 189.2

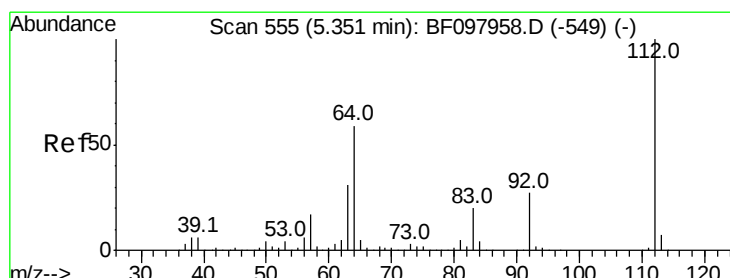
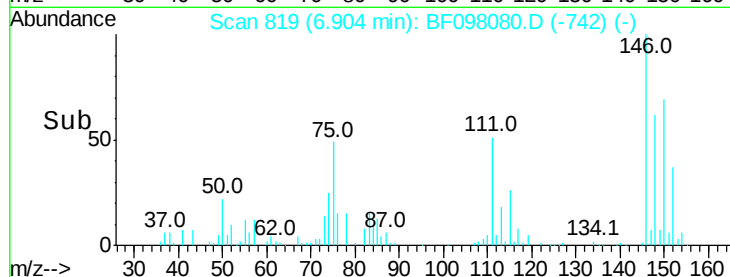
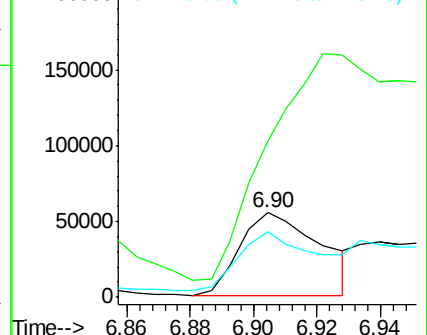
115 77.1 52.2 78.2



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



#5

2-Fluorophenol

Concen: 118.617 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

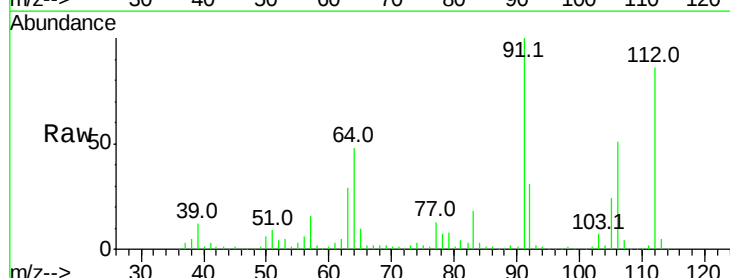
Tgt Ion:112 Resp: 750380

Ion Ratio Lower Upper

112 100

64 56.1 46.0 69.0

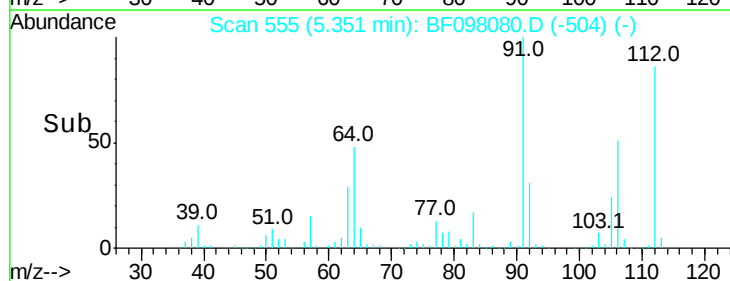
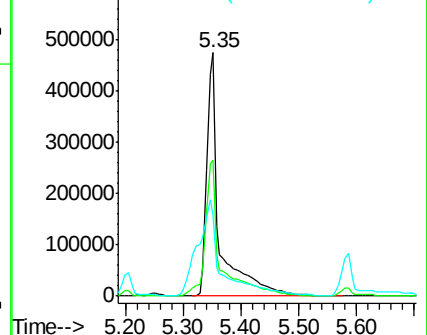
63 33.1 23.4 35.0

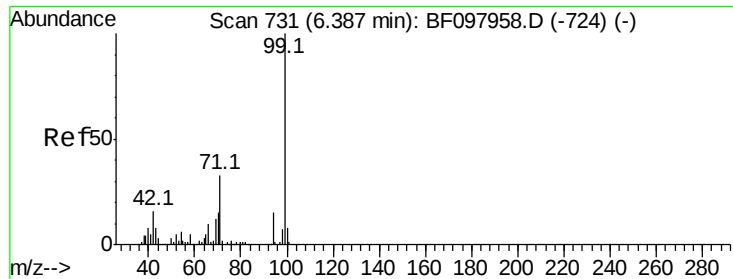


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 148.165 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

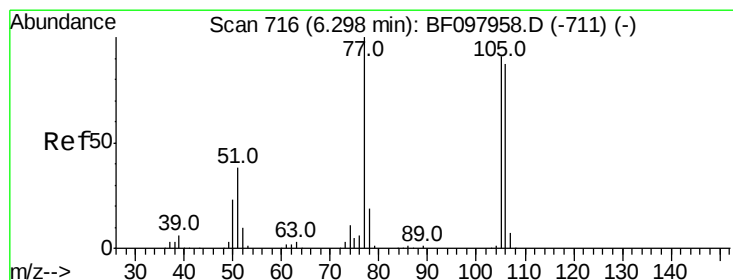
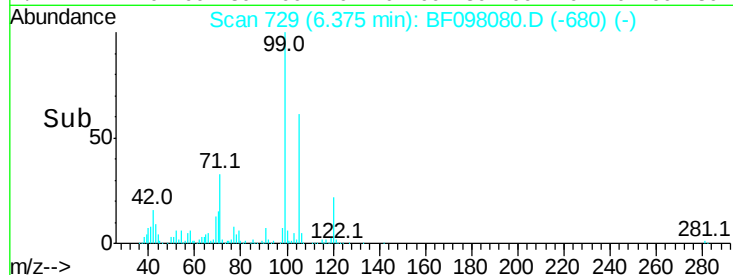
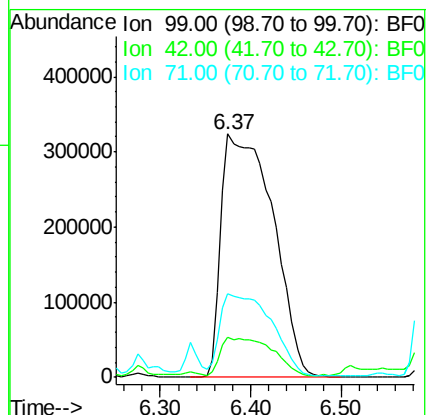
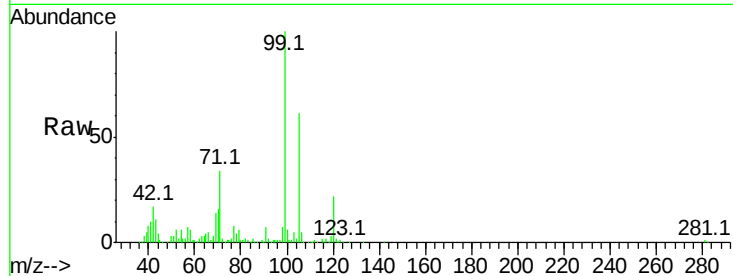
Tot Ion: 99 Resp: 1273521

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

71 34.4 24.5 36.7



#9

Benzaldehyde

Concen: 7.598 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.13 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

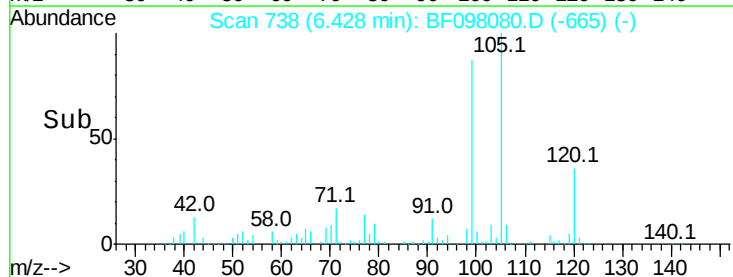
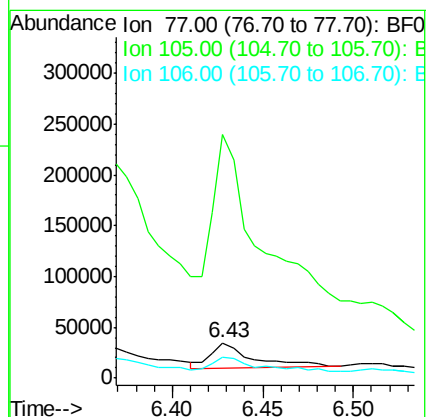
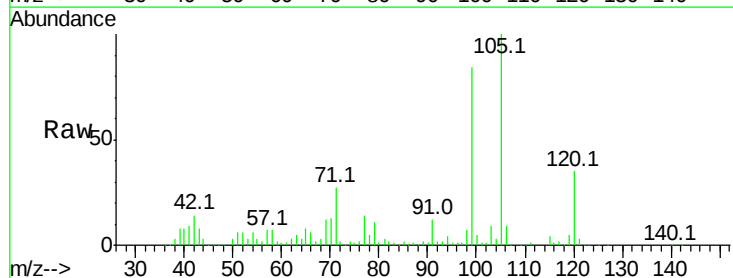
Tgt Ion: 77 Resp: 41364

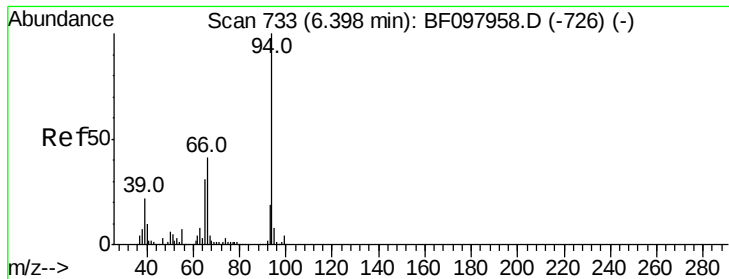
Ion Ratio Lower Upper

77 100

105 694.3 83.8 123.8#

106 60.5 79.1 119.1#





#10

Phenol

Concen: 5.090 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF098080.D

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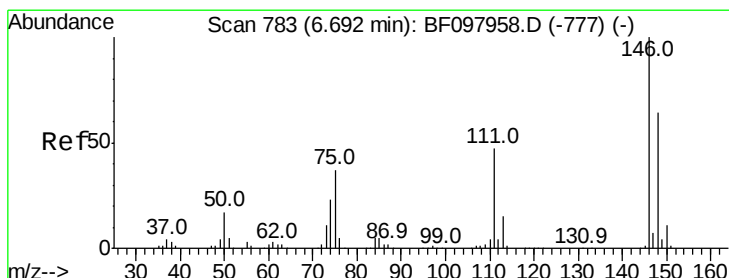
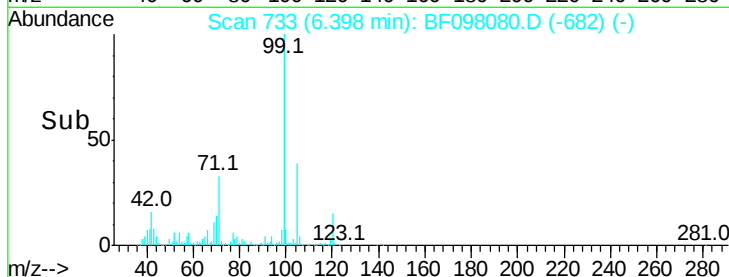
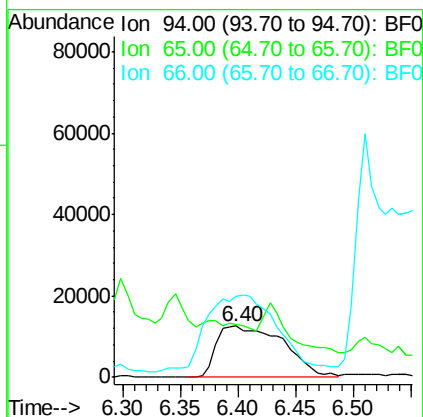
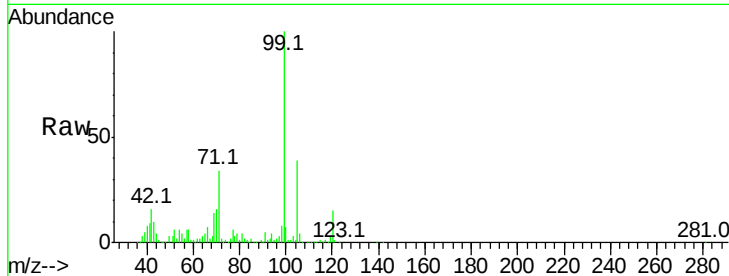
Tot Ion: 94 Resp: 51172

Ion Ratio Lower Upper

94 100

65 103.6 9.9 49.9#

66 159.3 23.1 63.1#



#12

1,3-Dichlorobenzene

Concen: 494.129 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.08 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

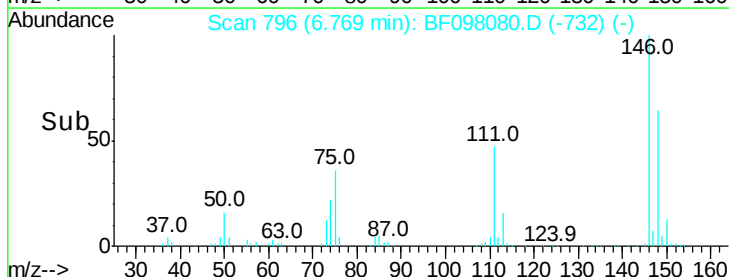
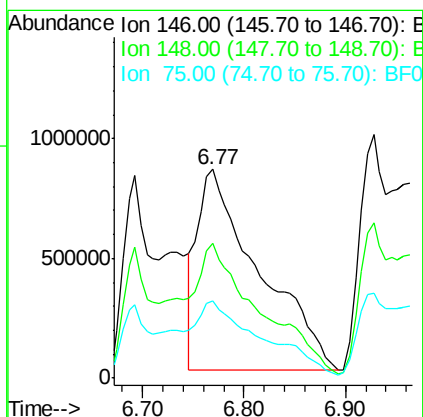
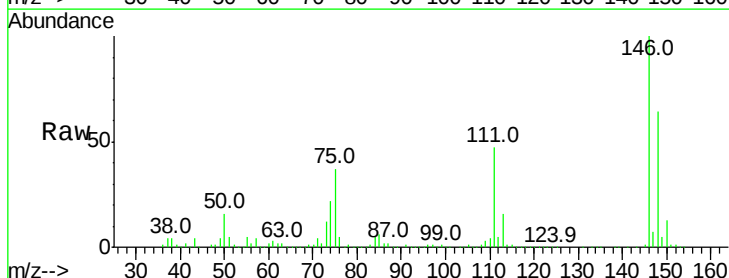
Tgt Ion: 146 Resp: 3545962

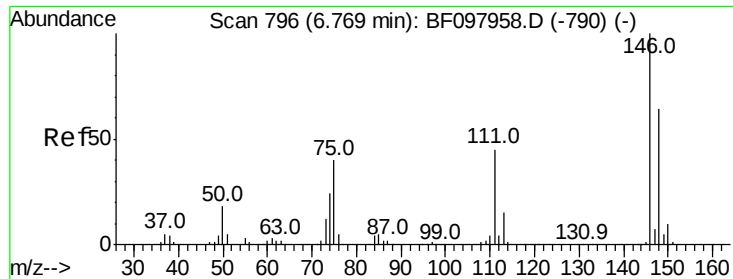
Ion Ratio Lower Upper

146 100

148 64.3 51.8 77.6

75 36.7 23.1 34.7#





#13

1,4-Dichlorobenzene

Concen: 260.319 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.16 min

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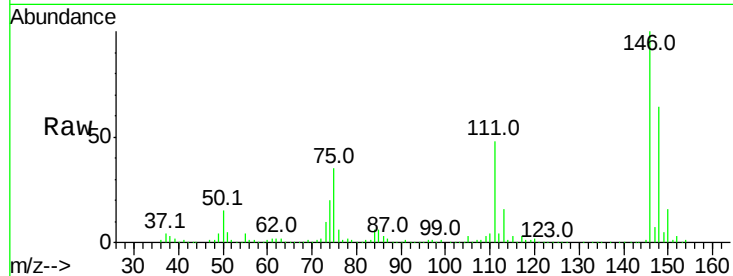
Tot Ion:146 Resp: 1899940

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

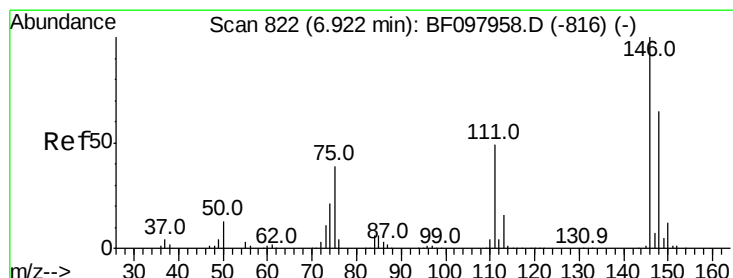
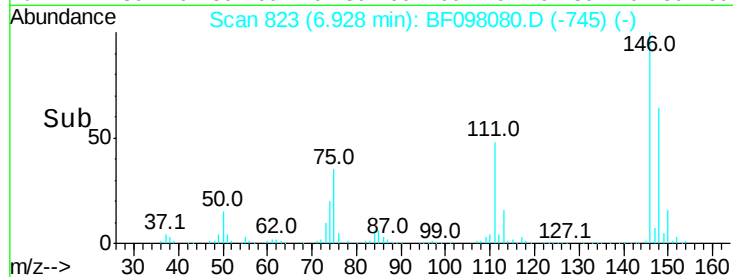
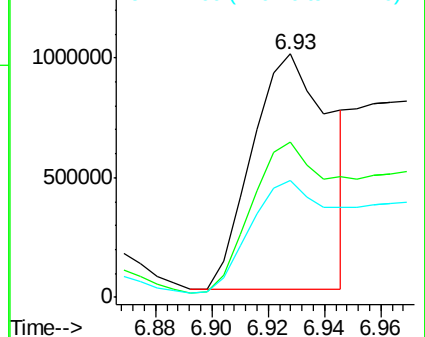
111 47.9 30.3 45.5#



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: 282.322 ng

RT: 6.93 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

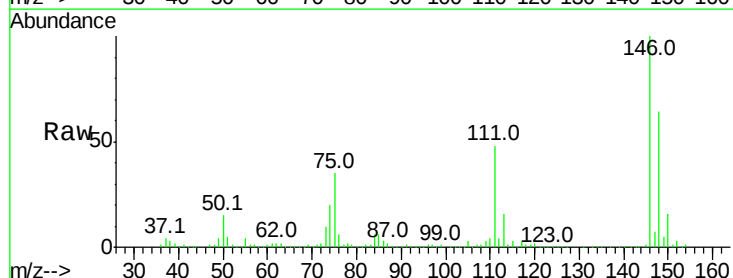
Tgt Ion:146 Resp: 1899940

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

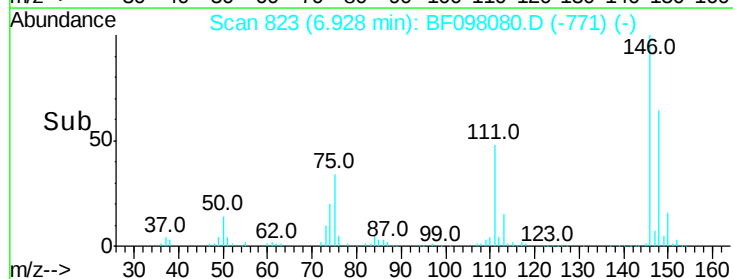
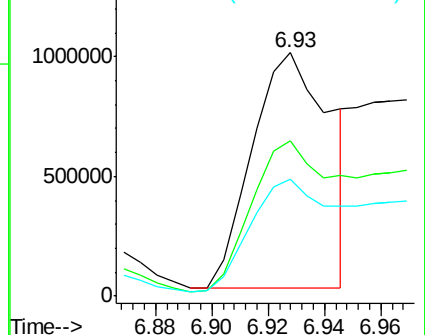
111 47.9 38.2 57.4

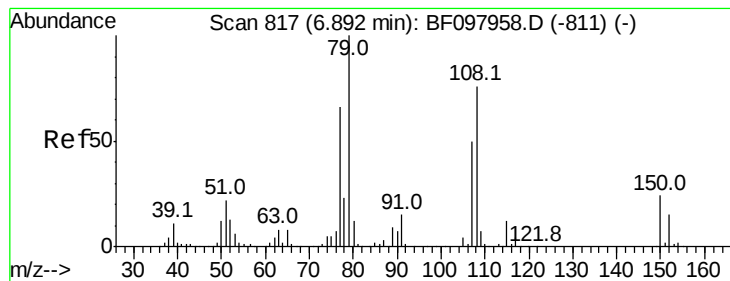


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 2.324 ng

RT: 7.07 min Scan# 847

Delta R.T. 0.18 min

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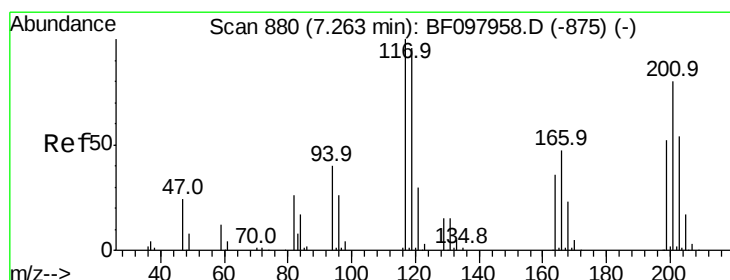
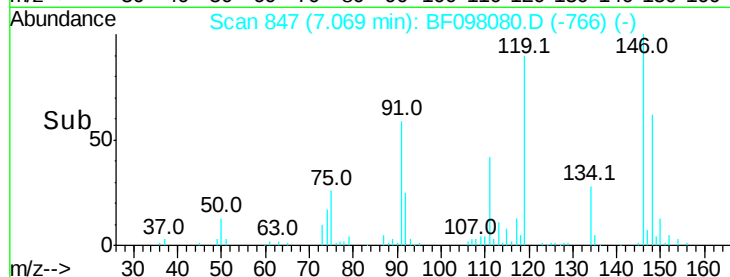
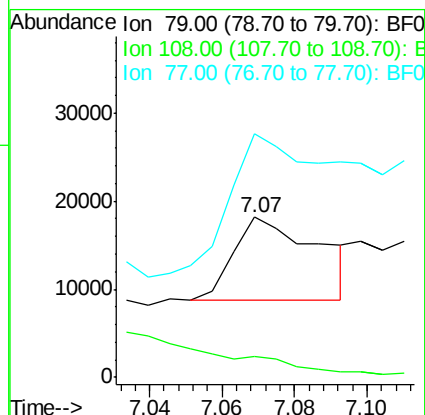
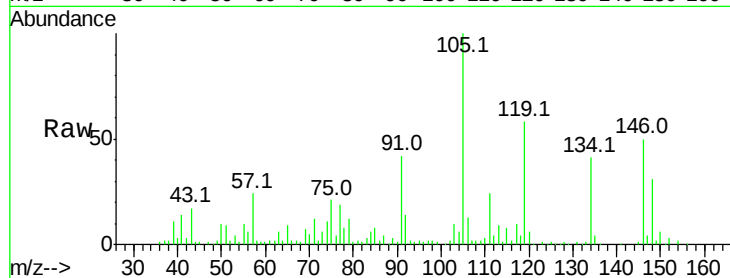
Tot Ion: 79 Resp: 14955

Ion Ratio Lower Upper

79 100

108 13.1 63.4 95.0#

77 152.3 49.2 73.8#



#18

Hexachloroethane

Concen: 29.132 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.06 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

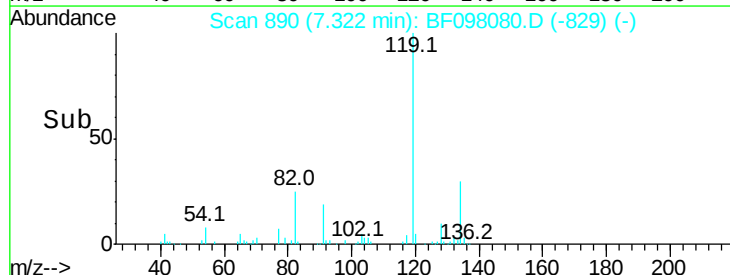
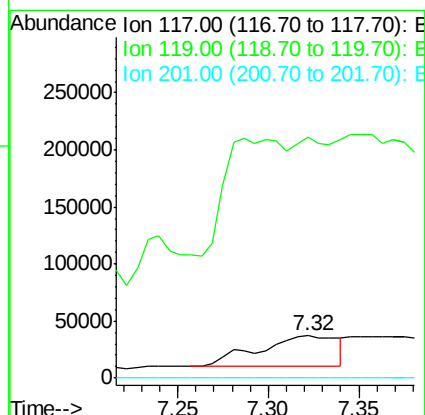
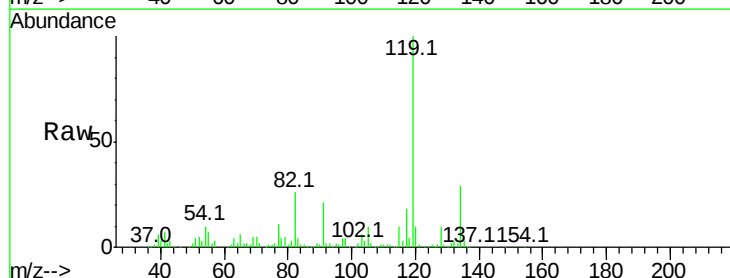
Tgt Ion: 117 Resp: 83360

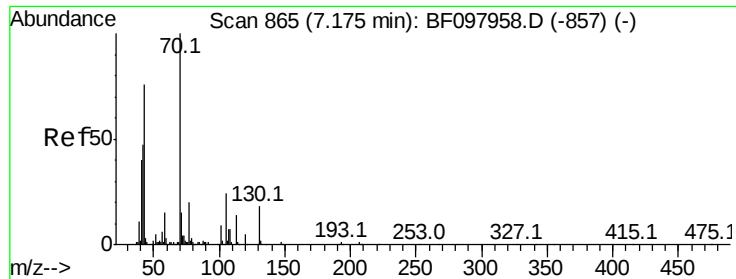
Ion Ratio Lower Upper

117 100

119 570.3 77.4 116.0#

201 0.0 94.6 141.8#

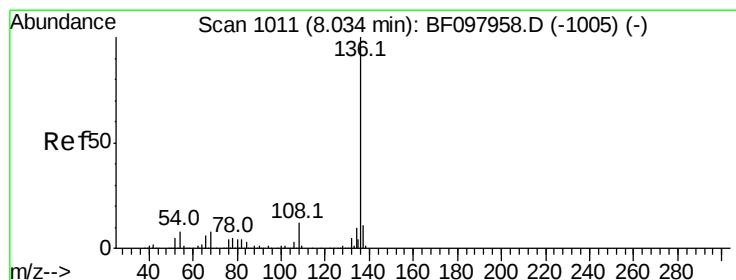
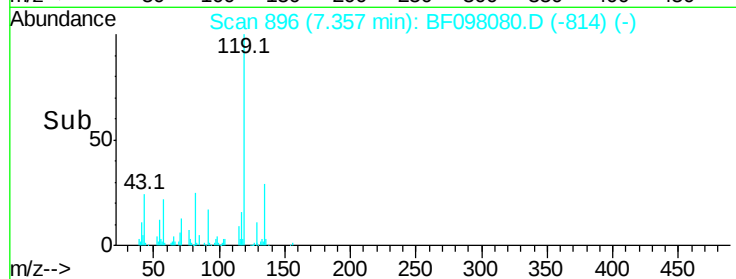
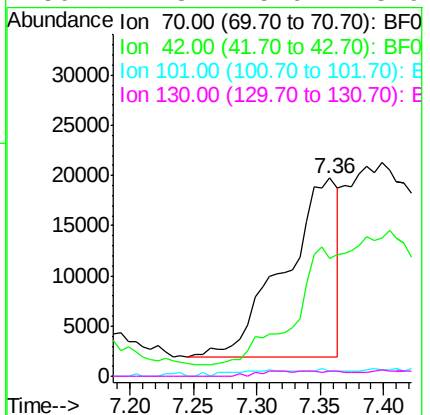
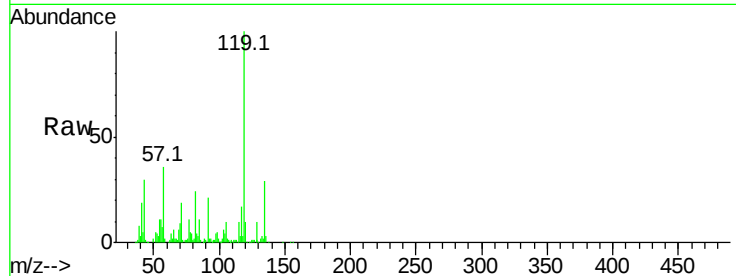




#19
n-Nitroso-di-n-propylamine
Concen: 8.769 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.18 min
Lab File: BF098080.D
Acq: 28 Aug 2017 21:47

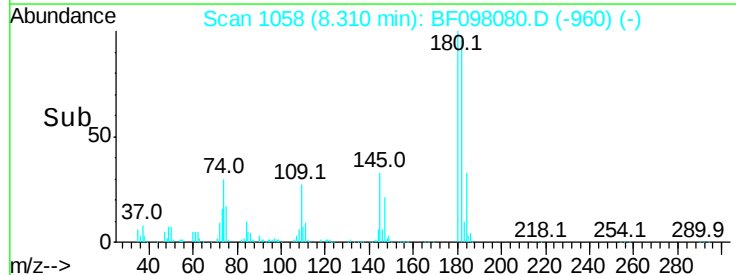
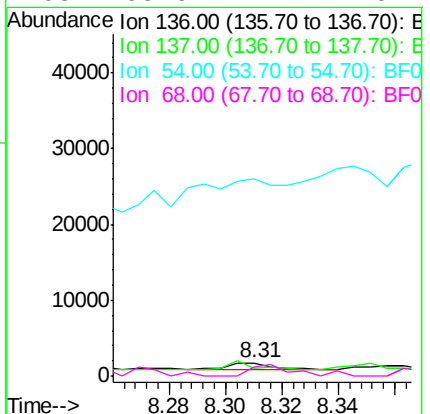
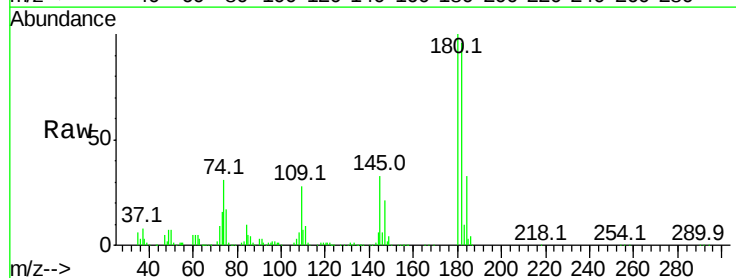
Instrument :
BNA_F
ClientSampleId :
5-POST1

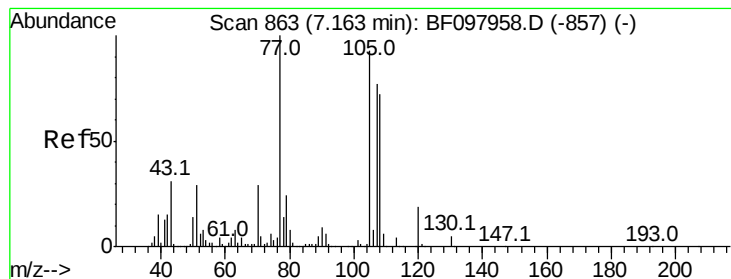
Tot Ion: 70 Resp: 51599
Ion Ratio Lower Upper
70 100
42 59.3 47.2 70.8
101 2.8 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1058
Delta R.T. 0.28 min
Lab File: BF098080.D
Acq: 28 Aug 2017 21:47

Tgt Ion:136 Resp: 1005
Ion Ratio Lower Upper
136 100
137 58.0 8.5 12.7#
54 2915.8 4.9 7.3#
68 65.6 4.1 6.1#





#22

Acetophenone

Concen: 476.088 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.24 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

Tot Ion:105 Resp: 12640

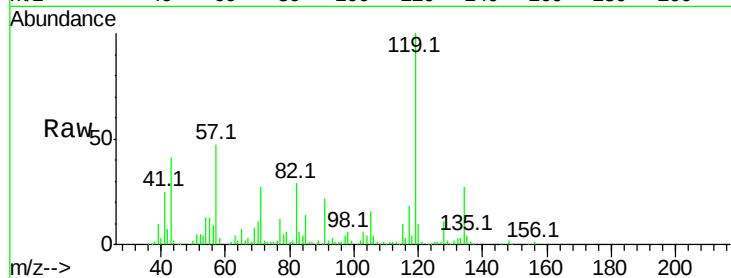
Ion Ratio Lower Upper

105 100

71 173.1 2.8 4.2#

51 32.2 30.7 46.1

120 65.0 17.4 26.0#



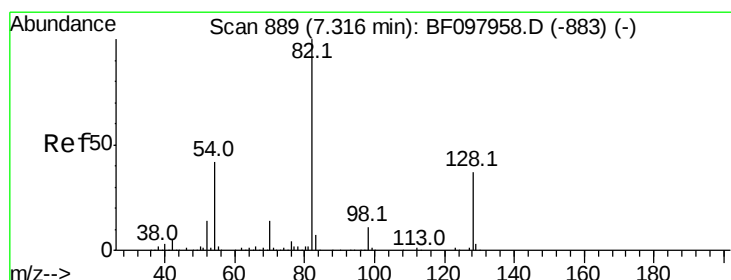
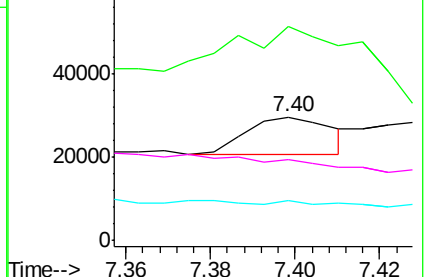
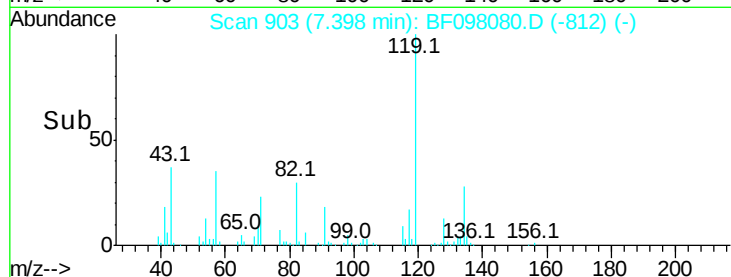
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 296.596 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.35 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

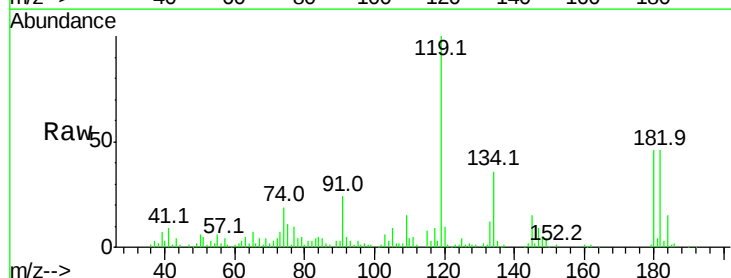
Tgt Ion: 82 Resp: 5487

Ion Ratio Lower Upper

82 100

128 31.1 34.0 51.0#

54 46.0 42.2 63.2

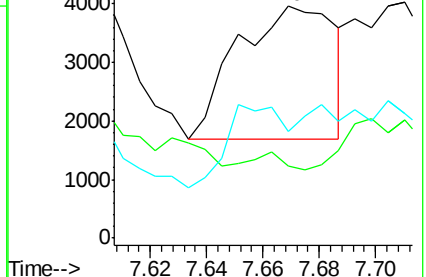
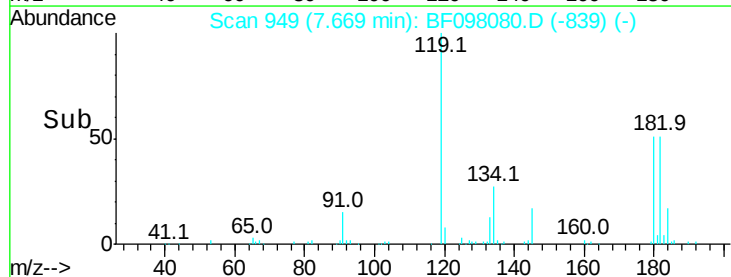


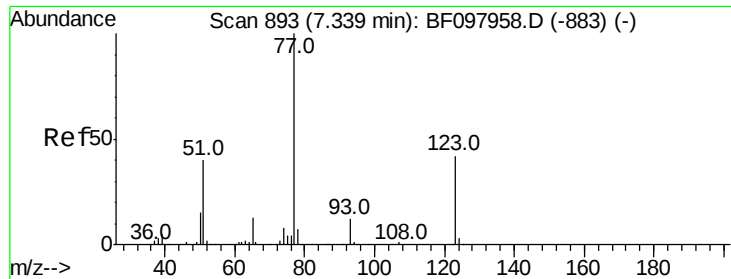
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->

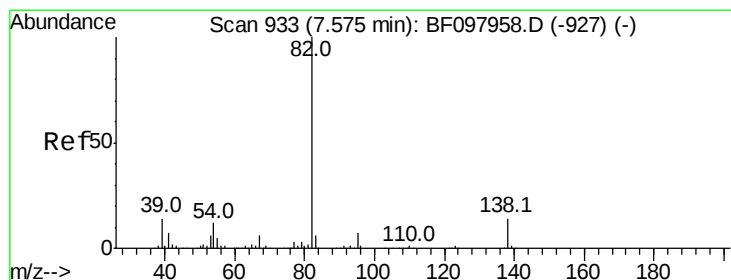
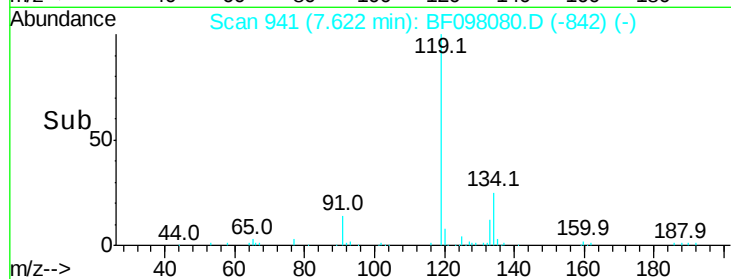
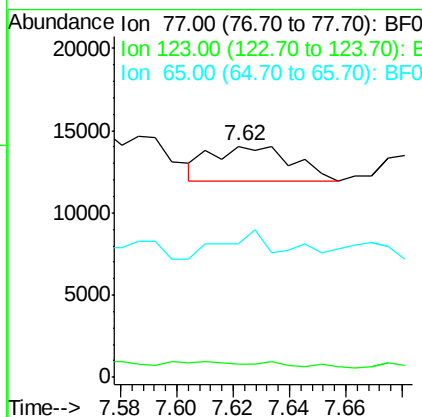
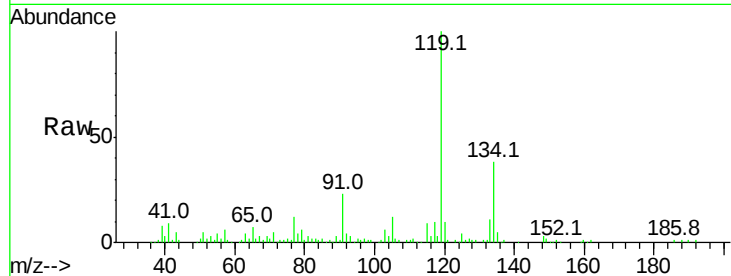




#24
 Nitrobenzene
 Concen: 202.248 ng
 RT: 7.62 min Scan# 941
 Delta R.T. 0.28 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

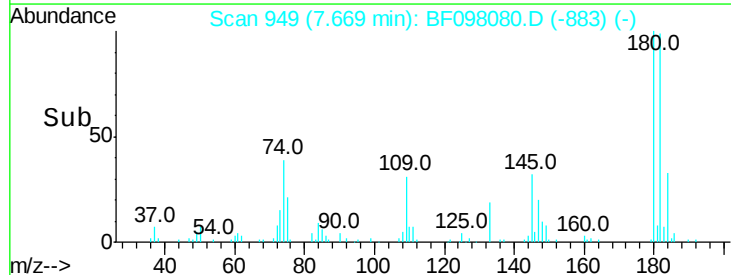
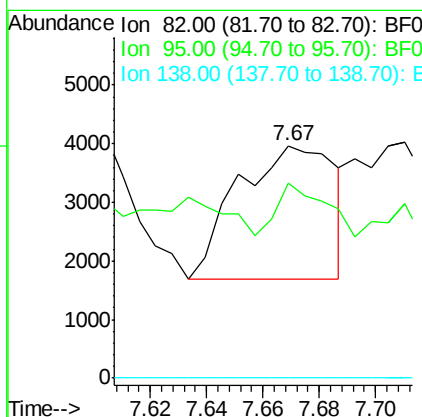
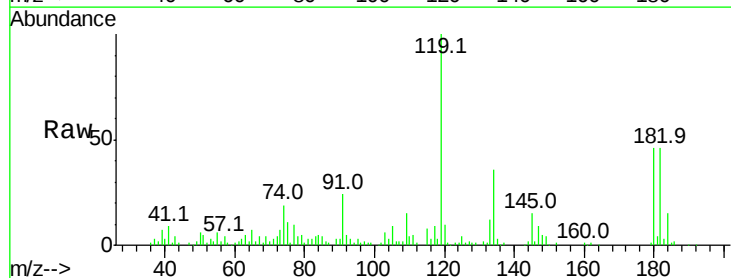
Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

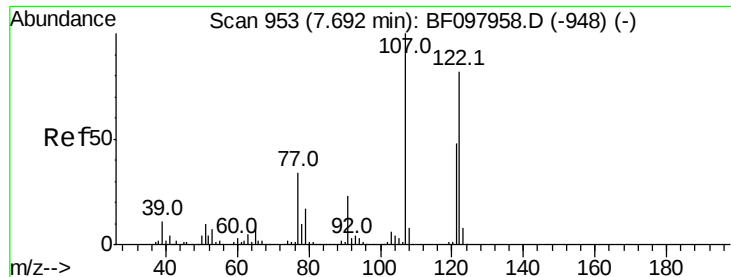
Tot Ion: 77 Resp: 4166
 Ion Ratio Lower Upper
 77 100
 123 5.7 35.8 53.8#
 65 57.5 10.6 15.8#



#25
 Isophorone
 Concen: 142.638 ng
 RT: 7.67 min Scan# 949
 Delta R.T. 0.09 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion: 82 Resp: 5487
 Ion Ratio Lower Upper
 82 100
 95 83.9 5.3 7.9#
 138 0.0 13.1 19.7#





#27

2,4-Dimethylphenol

Concen: 3664.905 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.41 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

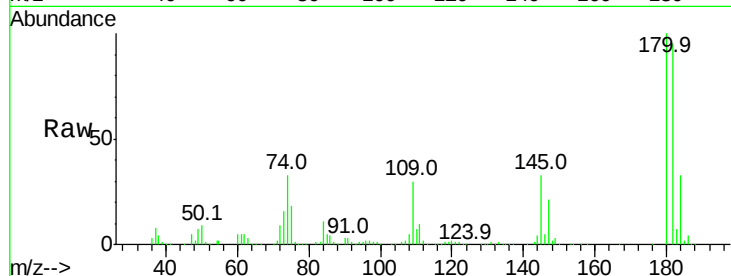
Tot Ion:122 Resp: 58797

Ion Ratio Lower Upper

122 100

107 357.1 89.2 133.8#

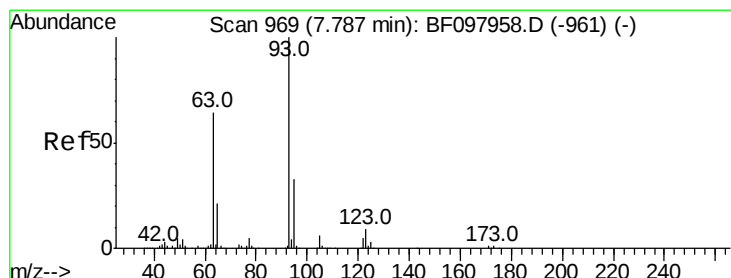
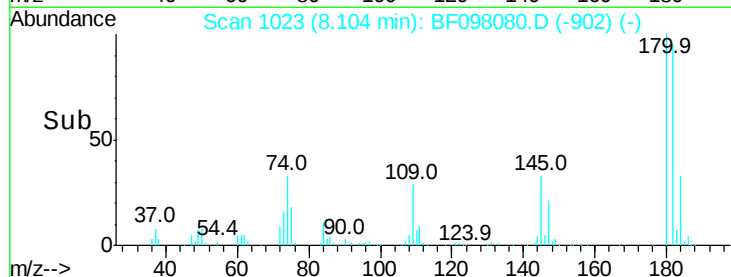
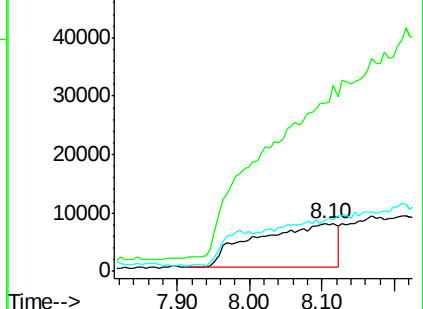
121 110.0 45.2 67.8#



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: 28.430 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.35 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

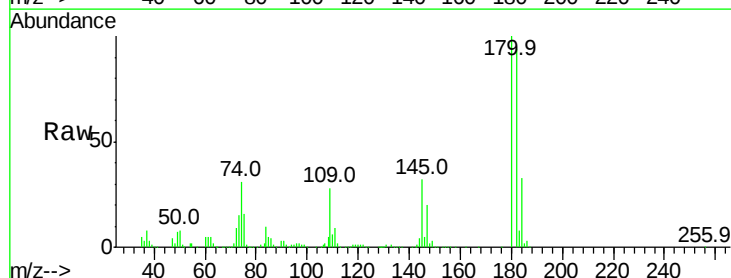
Tgt Ion: 93 Resp: 719

Ion Ratio Lower Upper

93 100

95 417.2 26.5 39.7#

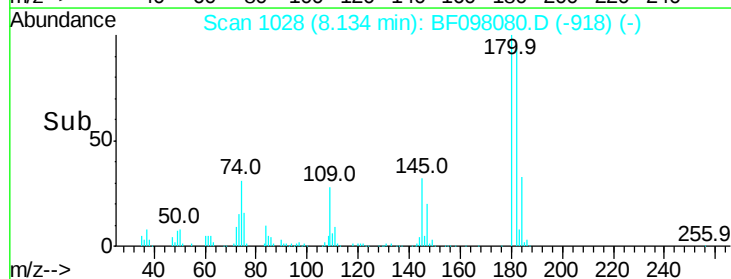
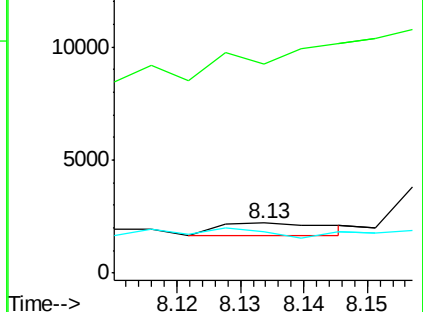
123 83.3 9.0 13.4#

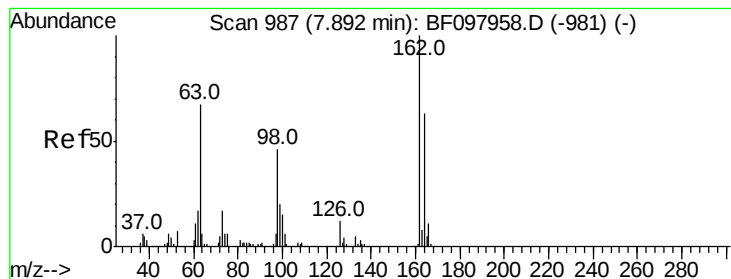


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 11.714 ng

RT: 8.17 min Scan# 1034

Delta R.T. 0.28 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

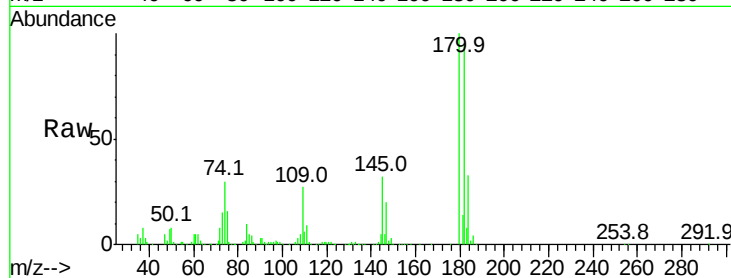
Tot Ion:162 Resp: 156

Ion Ratio Lower Upper

162 100

164 0.0 44.6 84.6#

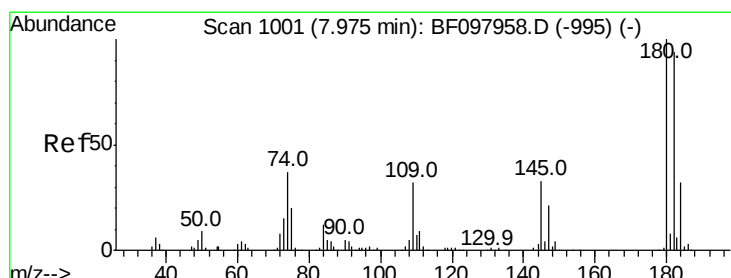
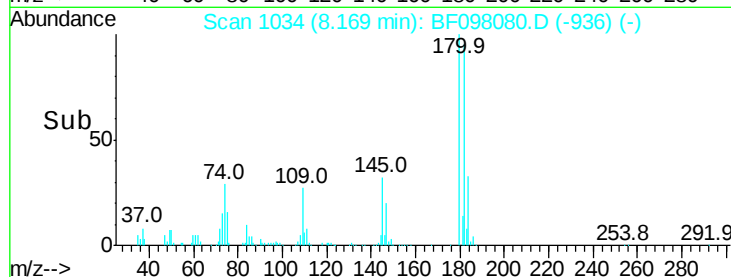
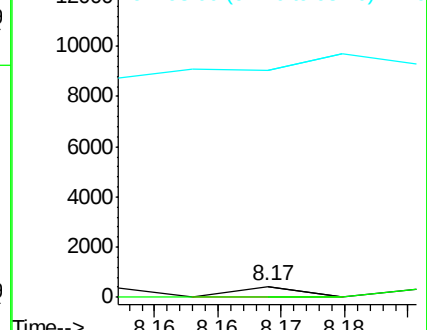
98 2044.9 14.8 54.8#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 127065.012 ng

RT: 7.97 min Scan# 1001

Delta R.T. 0.00 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

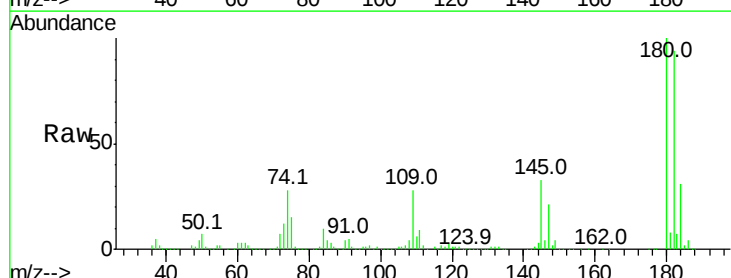
Tgt Ion:180 Resp: 1875892

Ion Ratio Lower Upper

180 100

182 94.0 75.8 113.6

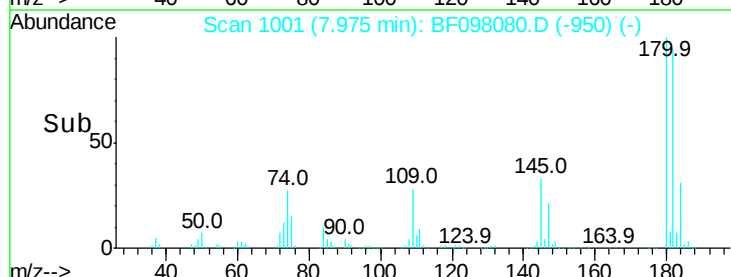
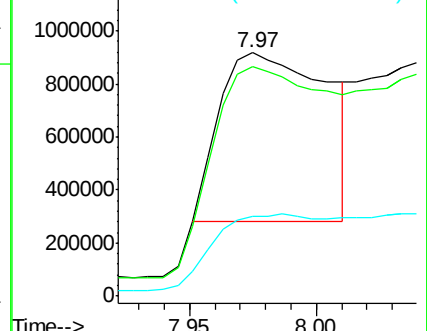
145 32.9 25.3 37.9

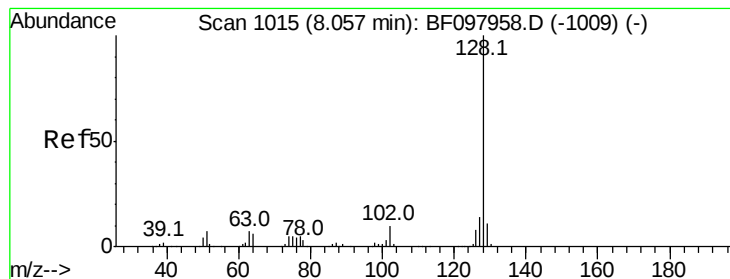


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 3721.391 ng

RT: 8.45 min Scan# 1081

Delta R.T. 0.39 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

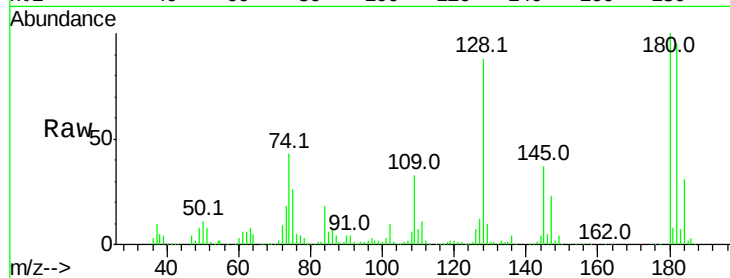
Tot Ion:128 Resp: 194162

Ion Ratio Lower Upper

128 100

129 11.5 9.0 13.6

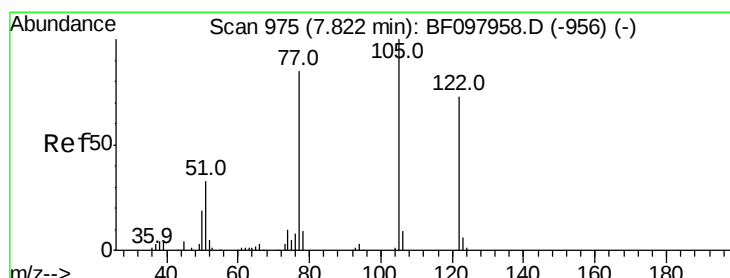
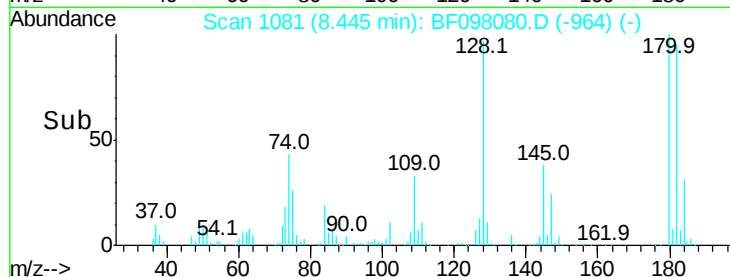
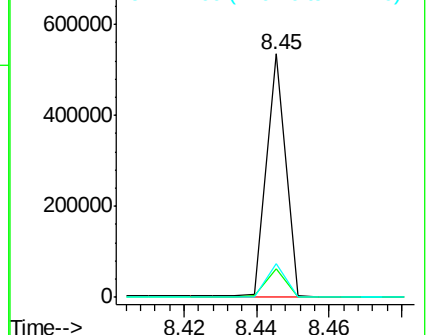
127 14.0 10.8 16.2



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: 4365.324 ng

RT: 8.10 min Scan# 1023

Delta R.T. 0.27 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

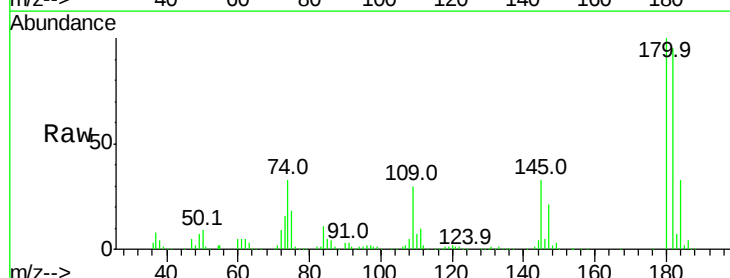
Tgt Ion:122 Resp: 58797

Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

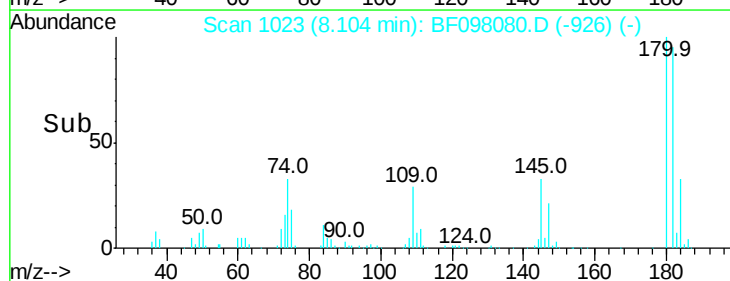
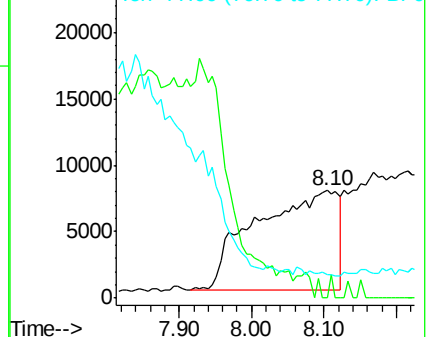
77 22.0 73.7 113.7#

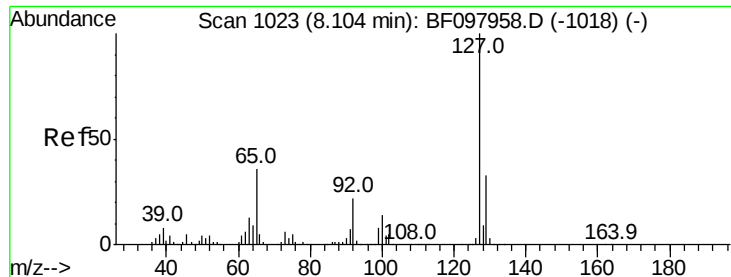


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

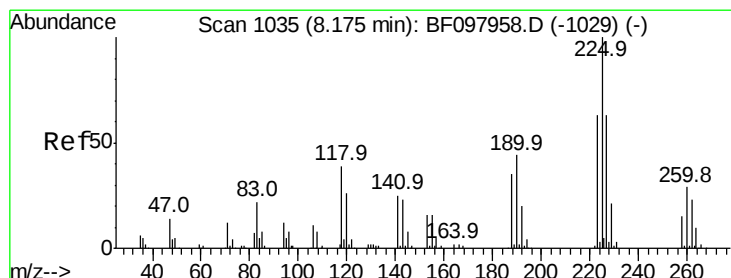
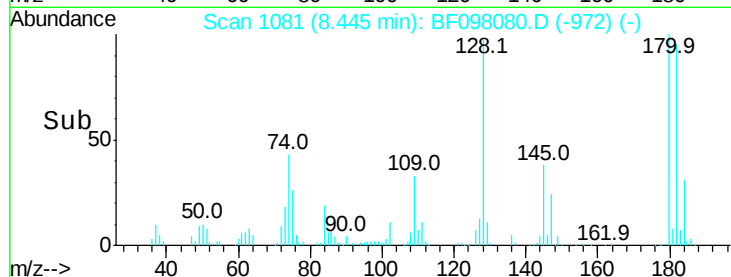
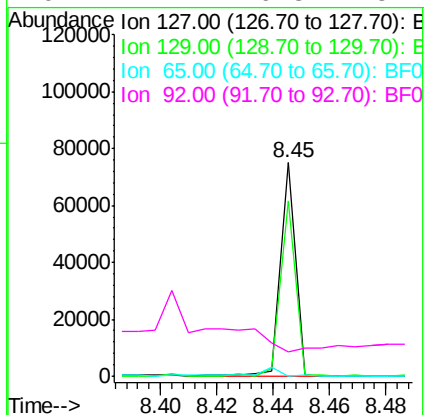
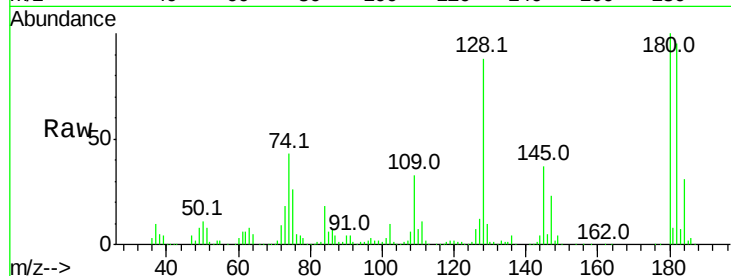




#33
4-Chloroaniline
Concen: 1279.946 ng
RT: 8.45 min Scan# 1081
Delta R.T. 0.34 min
Lab File: BF098080.D
Acq: 28 Aug 2017 21:47

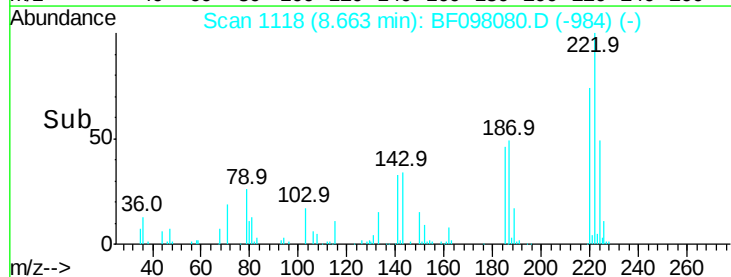
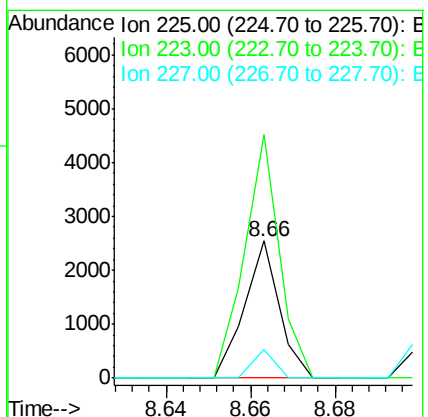
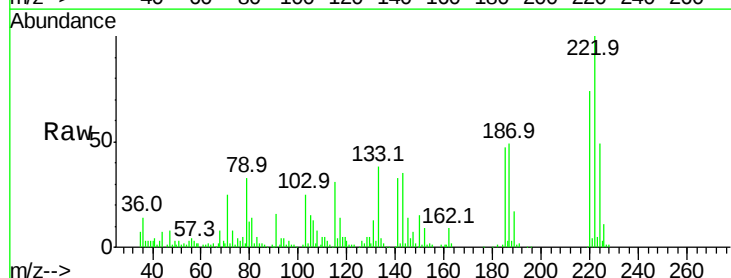
Instrument :
BNA_F
ClientSampleId :
5-POST1

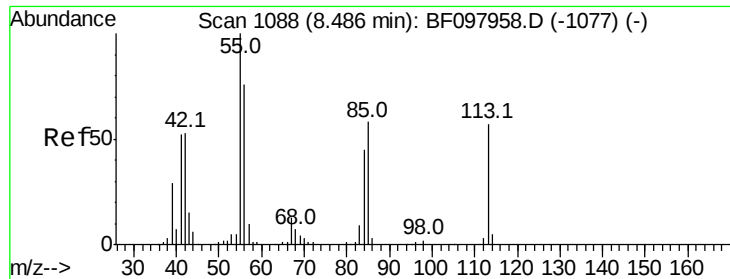
Tot Ion:127 Resp: 28164
Ion Ratio Lower Upper
127 100
129 81.9 26.2 39.2#
65 0.0 27.8 41.8#
92 11.2 16.8 25.2#



#34
Hexachlorobutadiene
Concen: 168.798 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.49 min
Lab File: BF098080.D
Acq: 28 Aug 2017 21:47

Tgt Ion:225 Resp: 1455
Ion Ratio Lower Upper
225 100
223 177.6 48.8 73.2#
227 21.0 51.1 76.7#





#35

Caprolactam

Concen: 579.360 ng

RT: 8.83 min Scan# 1146

Delta R.T. 0.34 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

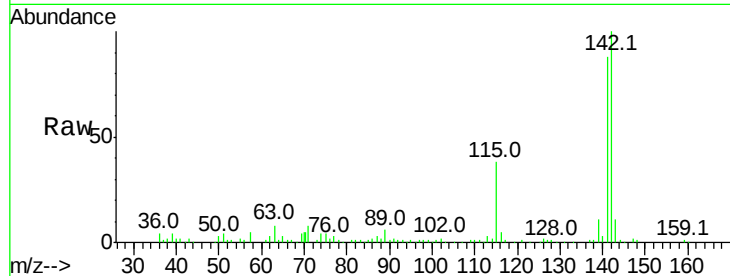
Tot Ion:113 Resp: 2623

Ion Ratio Lower Upper

113 100

55 63.9 150.2 190.2#

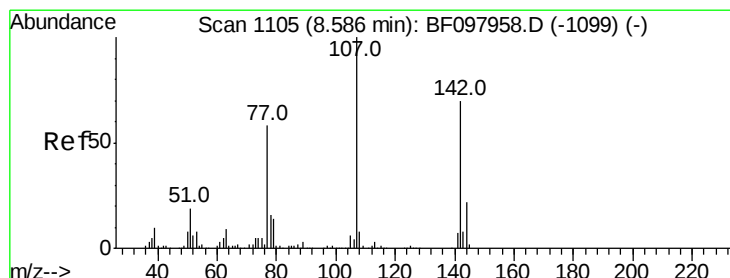
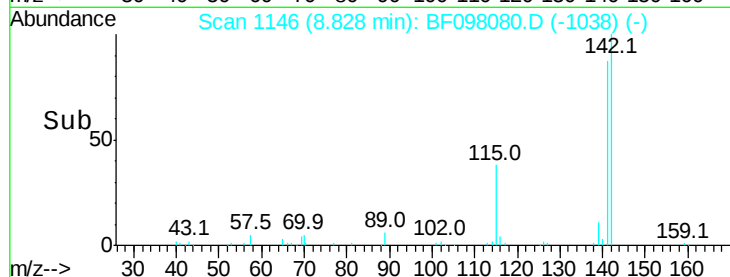
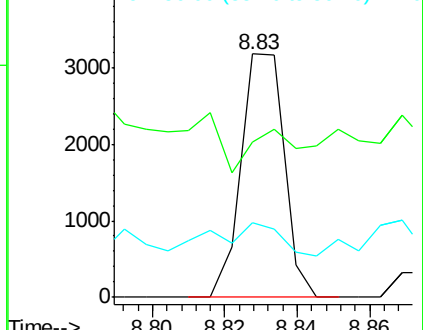
56 30.5 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 7132.600 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.40 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

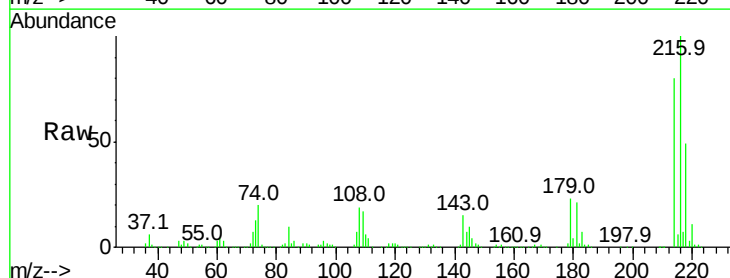
Tgt Ion:107 Resp: 122042

Ion Ratio Lower Upper

107 100

144 90.5 24.2 36.4#

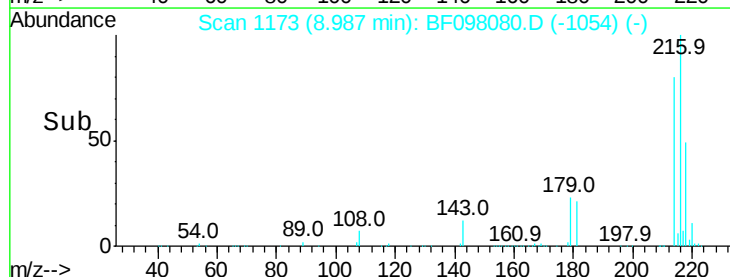
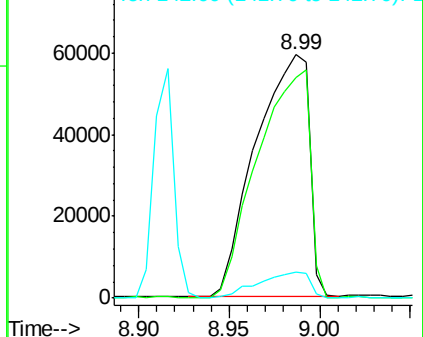
142 10.5 73.4 110.0#

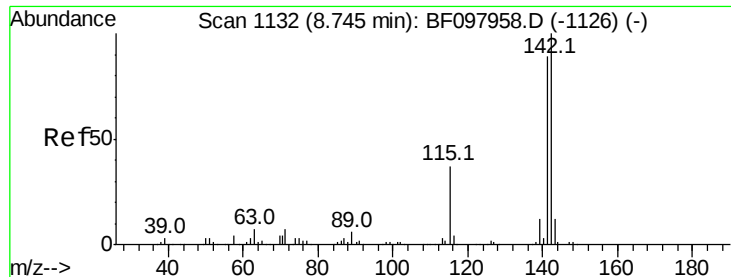


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

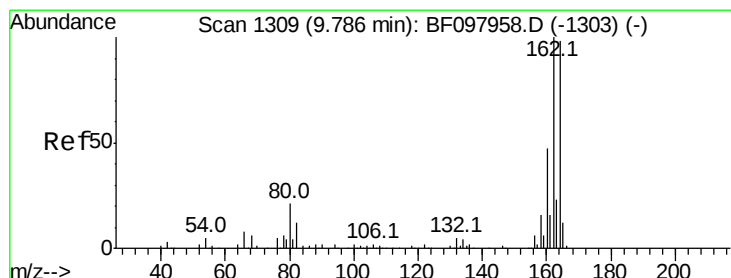
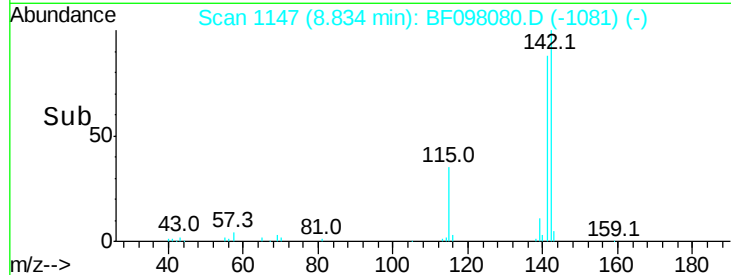
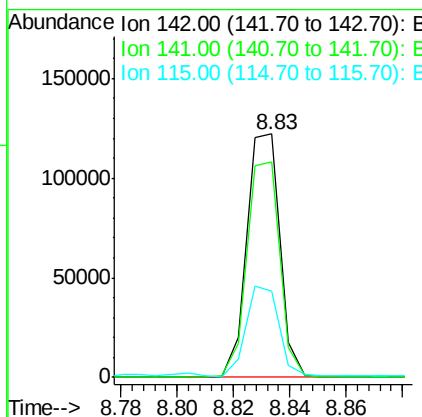
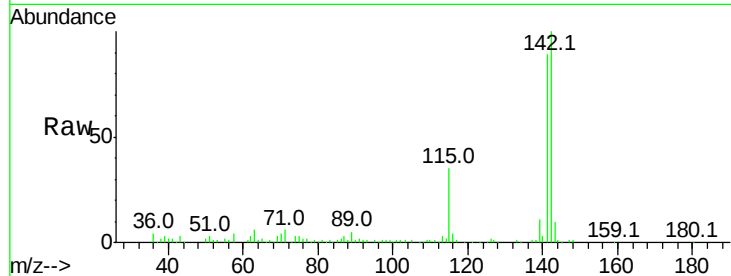




#37
 2-Methylnaphthalene
 Concen: 3104.589 ng
 RT: 8.83 min Scan# 1147
 Delta R.T. 0.09 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

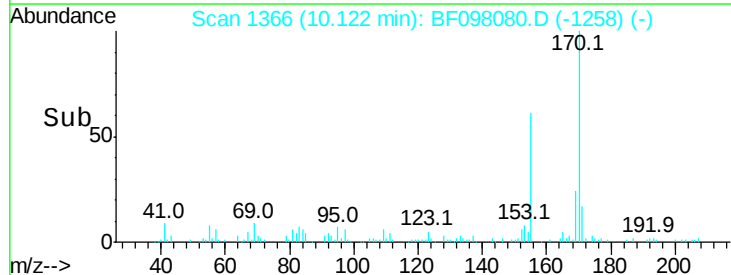
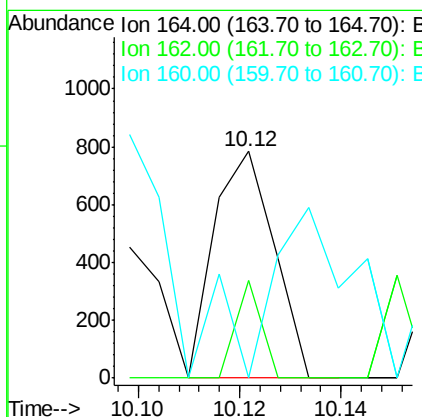
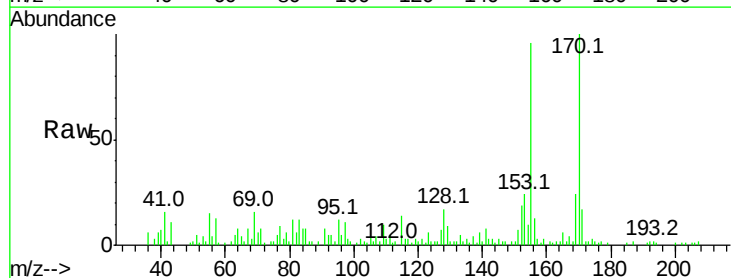
Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

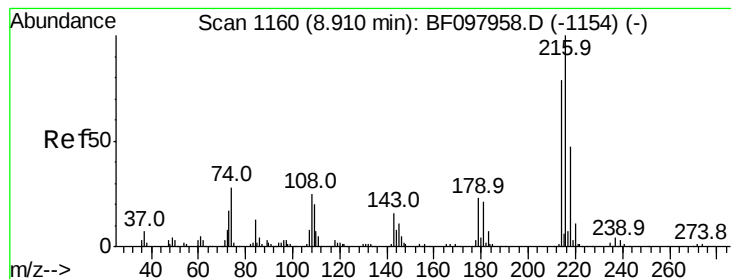
Tot Ion:142 Resp: 99309
 Ion Ratio Lower Upper
 142 100
 141 88.6 71.3 106.9
 115 35.3 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.12 min Scan# 1366
 Delta R.T. 0.34 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion:164 Resp: 645
 Ion Ratio Lower Upper
 164 100
 162 43.3 82.6 123.8#
 160 0.0 36.2 54.2#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35336.488 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.33 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

Tot Ion:216 Resp: 699480

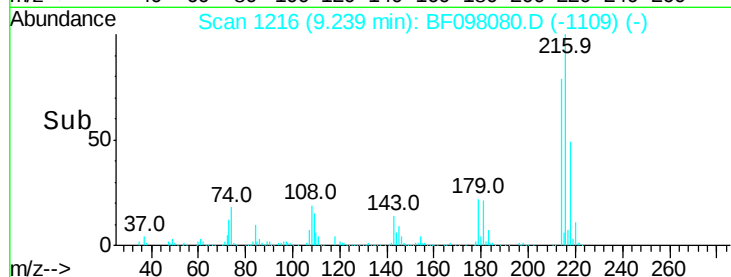
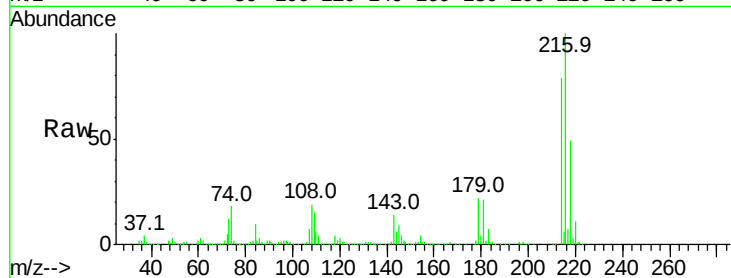
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.2

179 22.7 17.9 26.9

108 21.0 16.5 24.7

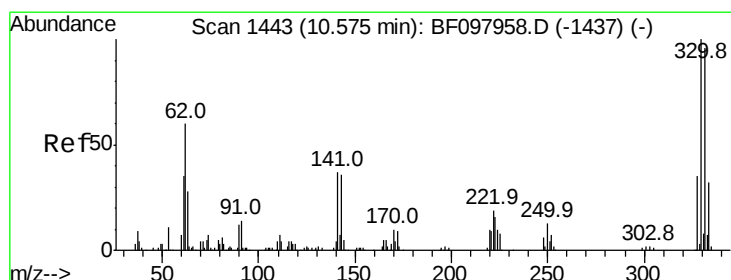
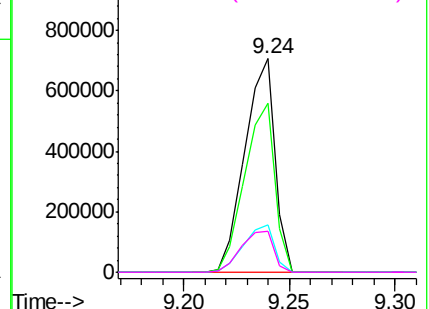


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41

2,4,6-Tribromophenol

Concen: 19.298 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.10 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

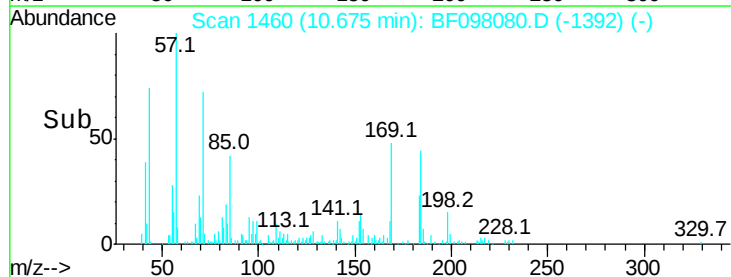
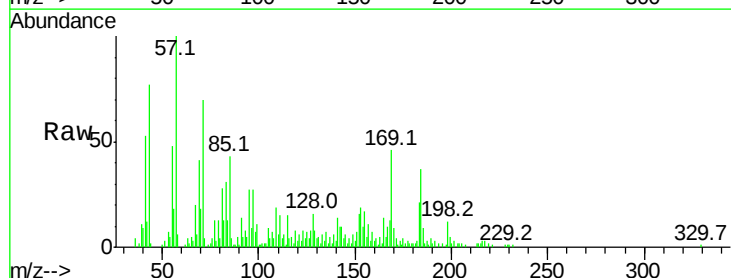
Tgt Ion:330 Resp: 108

Ion Ratio Lower Upper

330 100

332 0.0 76.6 115.0#

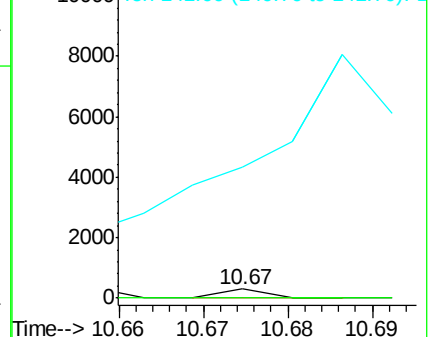
141 7363.0 31.4 47.2#

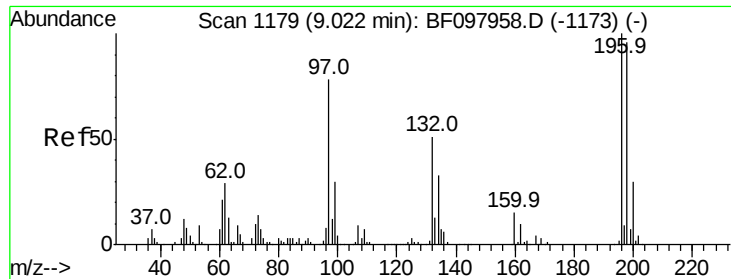


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 352.076 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.22 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

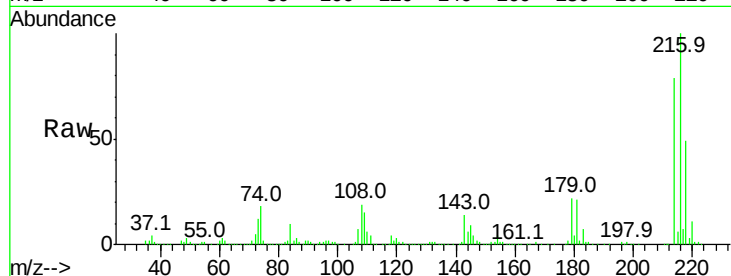
Tot Ion:196 Resp: 4679

Ion Ratio Lower Upper

196 100

198 107.6 74.2 111.4

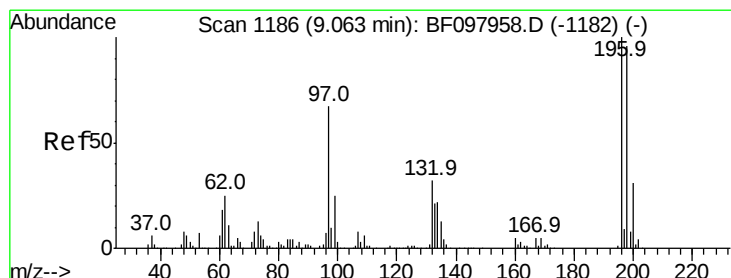
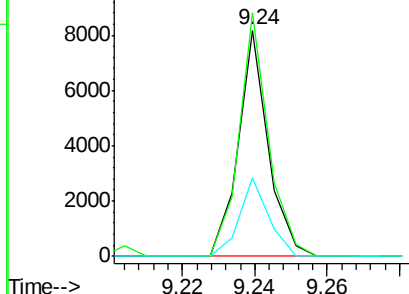
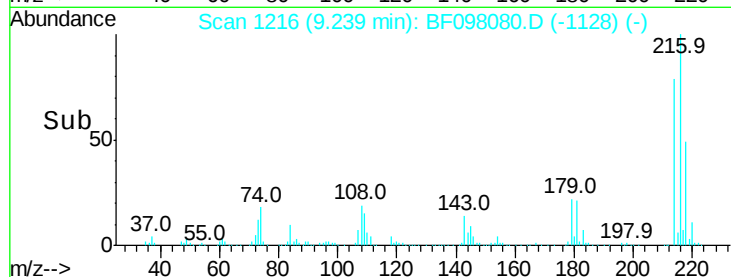
200 34.6 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43

2,4,5-Trichlorophenol

Concen: 354.889 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.18 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Tgt Ion:196 Resp: 4679

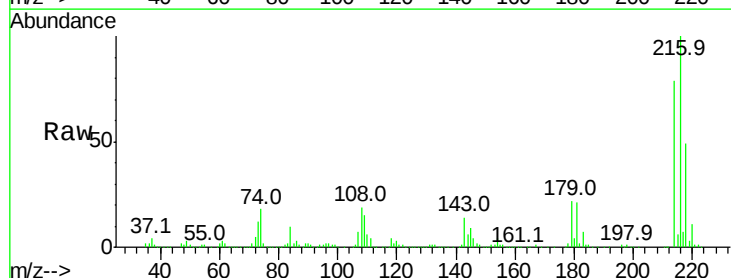
Ion Ratio Lower Upper

196 100

198 107.6 75.7 113.5

97 195.3 47.7 71.5#

132 56.7 28.0 42.0#

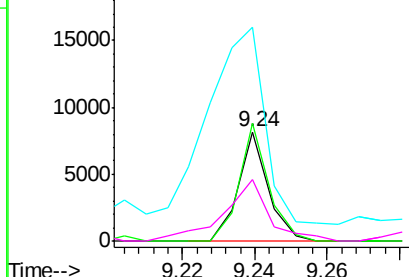
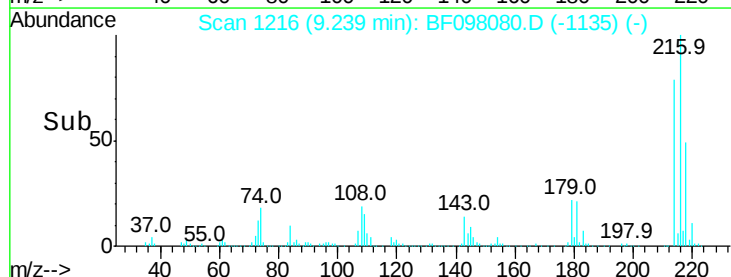


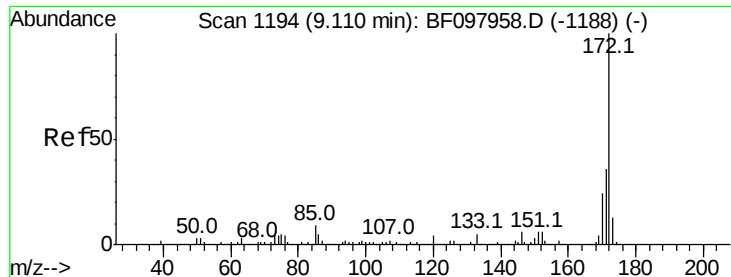
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E





#44

2-Fluorobiphenyl

Concen: 20902.349 ng

RT: 9.15 min Scan# 1200

Delta R.T. 0.04 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

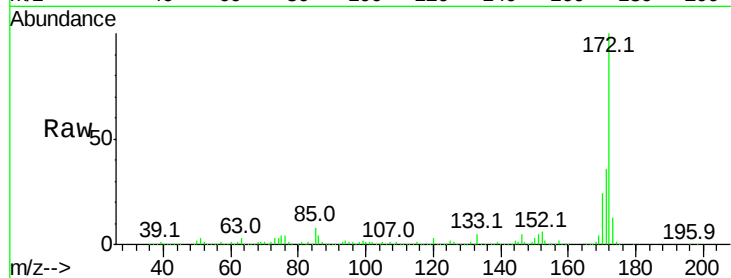
Tot Ion:172 Resp: 917640

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

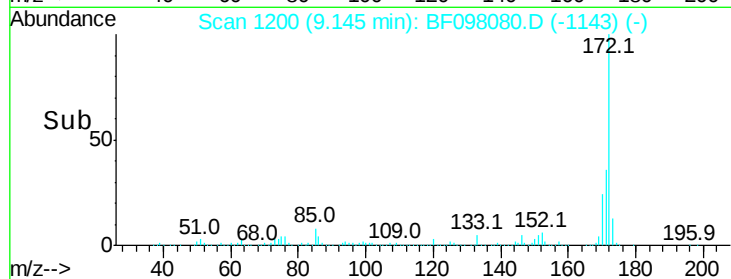
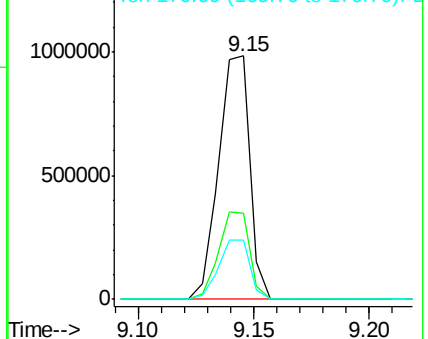
170 24.3 19.8 29.8



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: 257.234 ng

RT: 9.24 min Scan# 1216

Delta R.T. 0.03 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

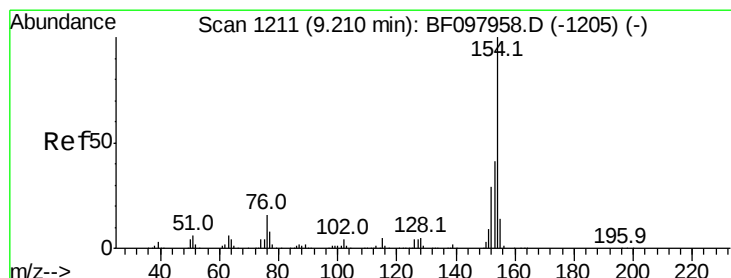
Tgt Ion:154 Resp: 15130

Ion Ratio Lower Upper

154 100

153 39.2 21.2 61.2

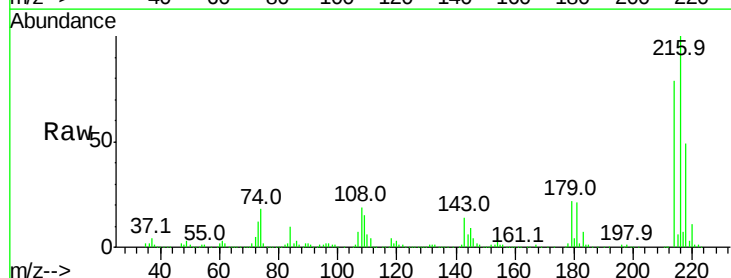
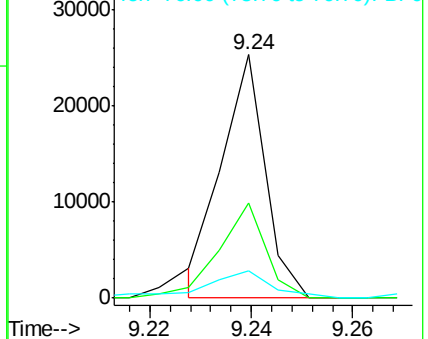
76 11.2 0.0 29.9

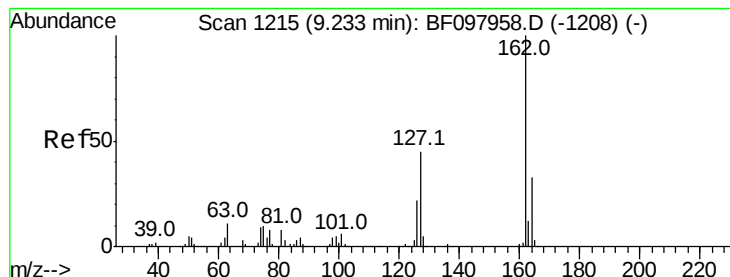


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 3756.697 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.55 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

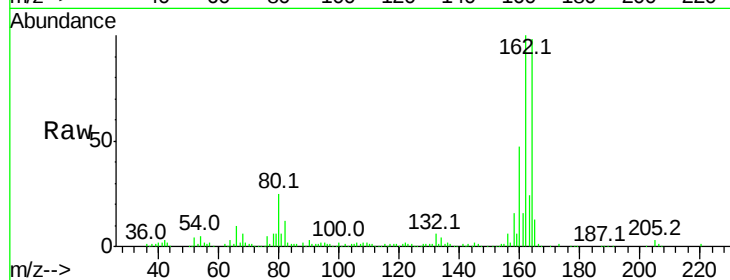
Tot Ion:162 Resp: 163263

Ion Ratio Lower Upper

162 100

127 0.3 28.3 42.5#

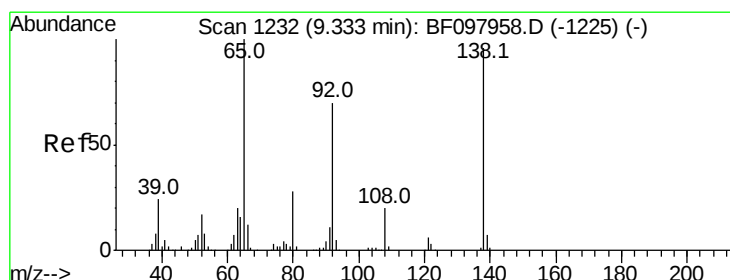
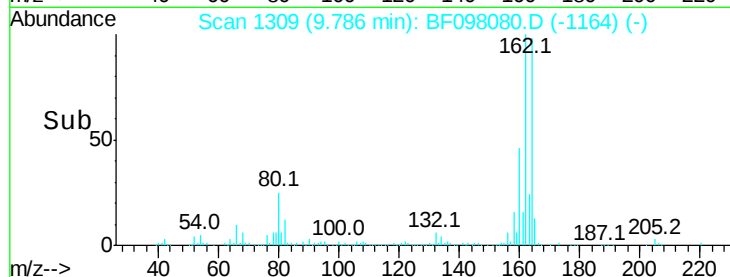
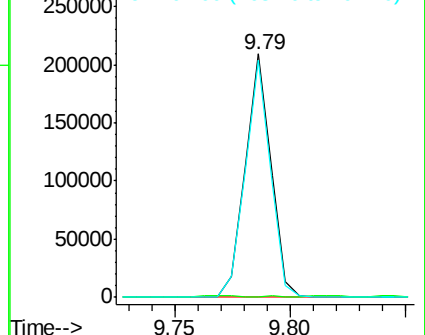
164 97.6 27.0 40.4#



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: 58.685 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.31 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

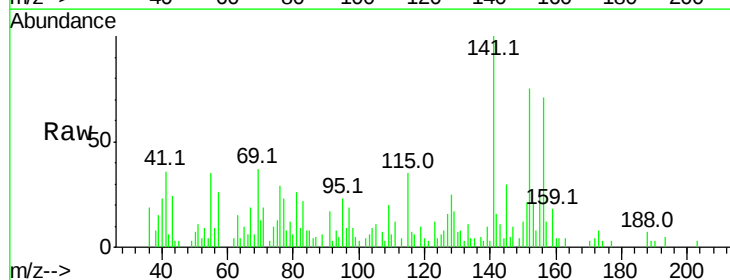
Tgt Ion: 65 Resp: 855

Ion Ratio Lower Upper

65 100

92 35.5 53.9 80.9#

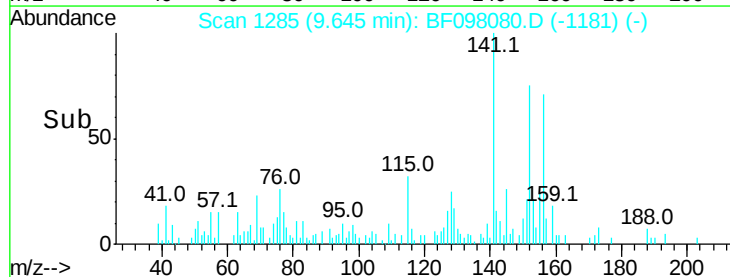
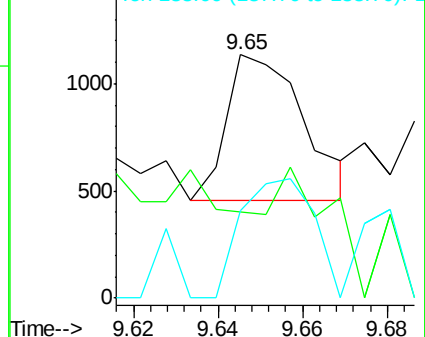
138 36.1 78.8 118.2#

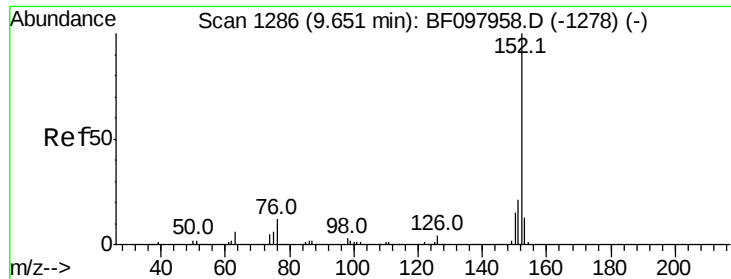


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 91.316 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.33 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

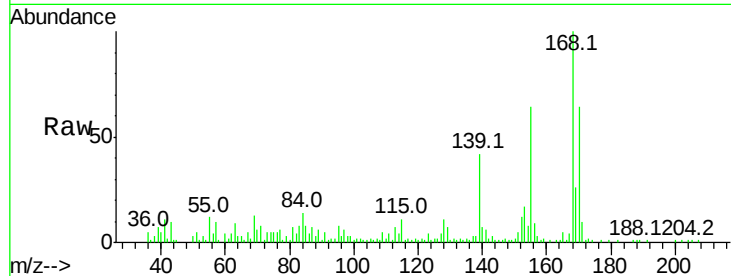
Tot Ion:152 Resp: 6232

Ion Ratio Lower Upper

152 100

151 37.8 16.8 25.2#

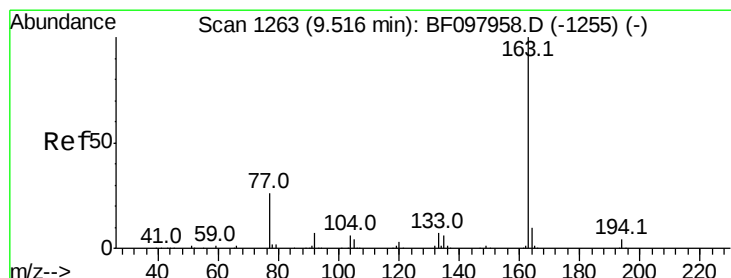
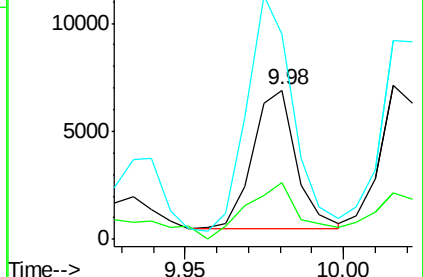
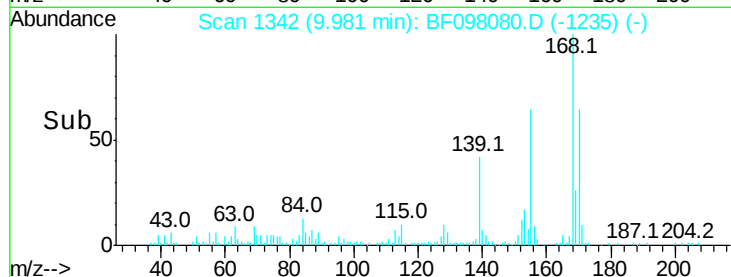
153 137.2 10.8 16.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 978.268 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.27 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

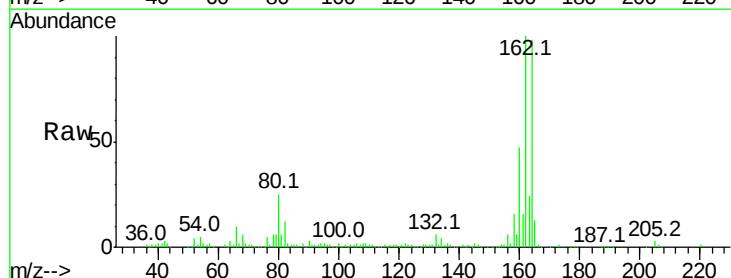
Tgt Ion:163 Resp: 46123

Ion Ratio Lower Upper

163 100

194 0.0 2.6 4.0#

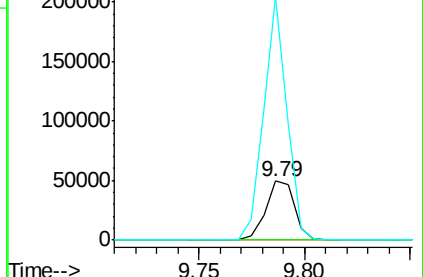
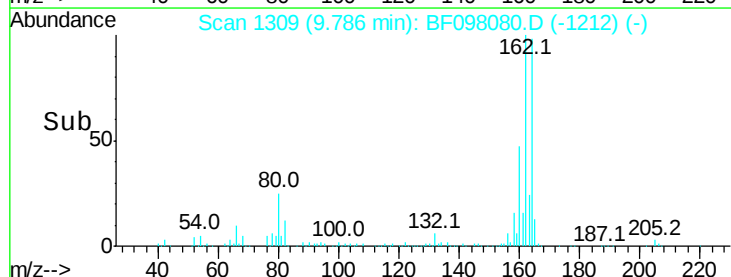
164 412.3 8.4 12.6#

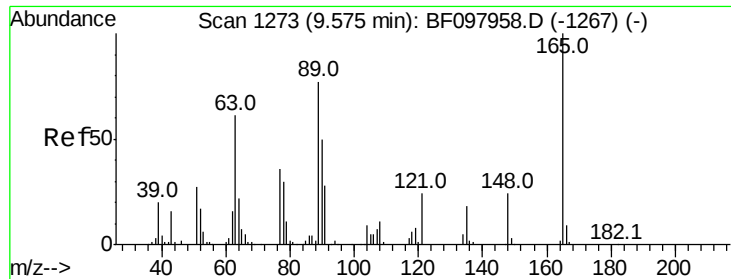


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 87.025 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.31 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

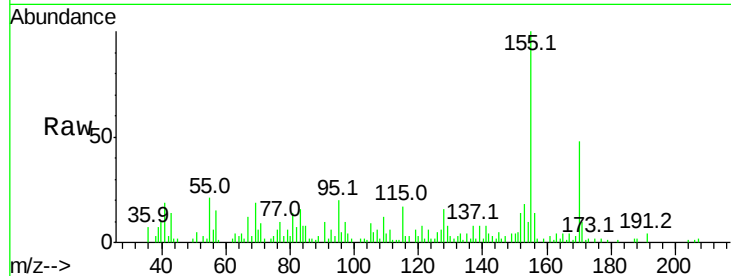
Tot Ion:165 Resp: 819

Ion Ratio Lower Upper

165 100

63 97.2 34.3 51.5#

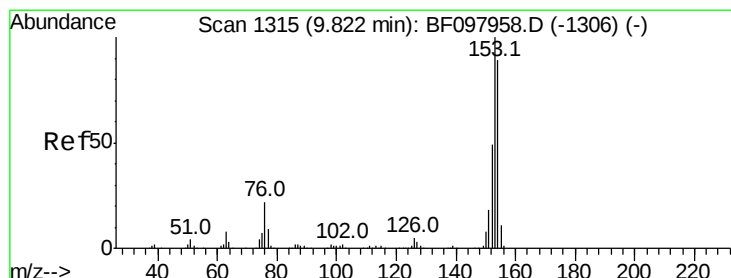
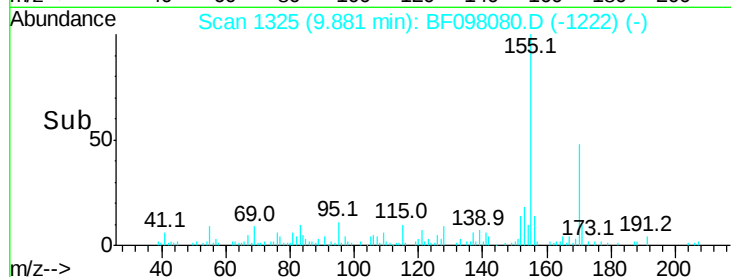
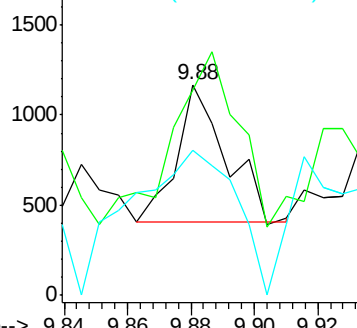
89 69.2 37.1 55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#51

Acenaphthene

Concen: 203.894 ng

RT: 10.17 min Scan# 1375

Delta R.T. 0.35 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

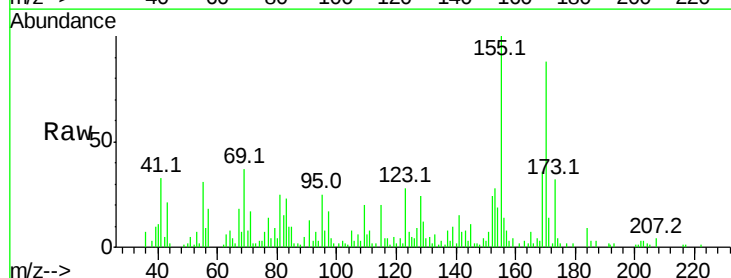
Tgt Ion:154 Resp: 8776

Ion Ratio Lower Upper

154 100

153 142.4 90.5 135.7#

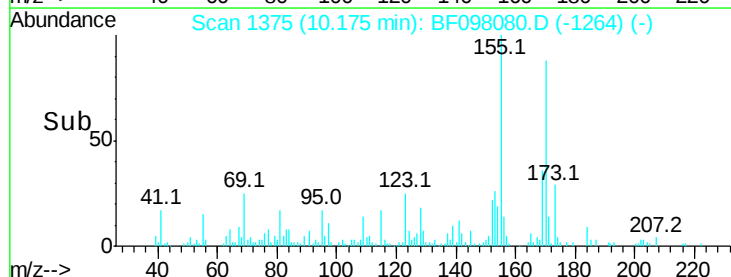
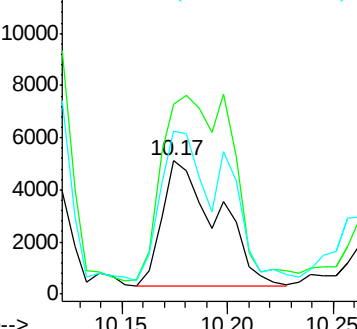
152 122.3 43.6 65.4#

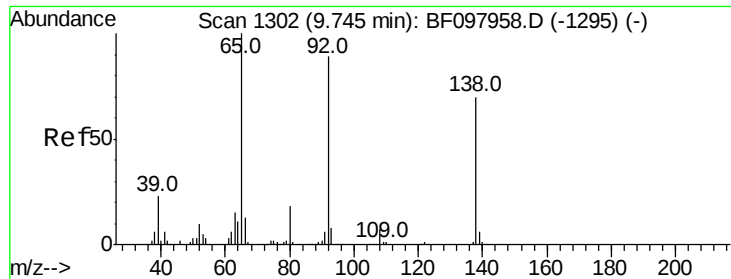


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#52

3-Nitroaniline

Concen: 120.407 ng

RT: 10.11 min Scan# 1364

Delta R.T. 0.36 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

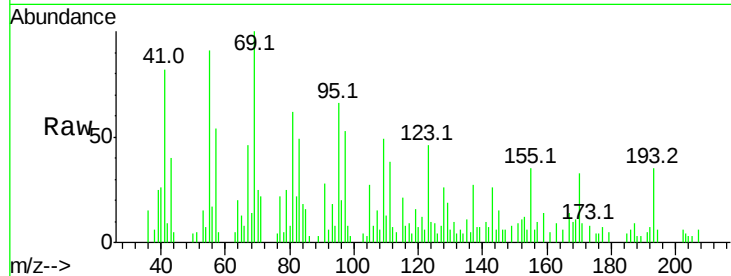
Tot Ion:138 Resp: 1462

Ion Ratio Lower Upper

138 100

108 82.0 9.1 13.7#

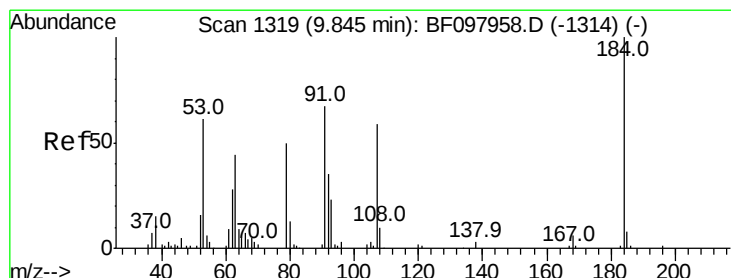
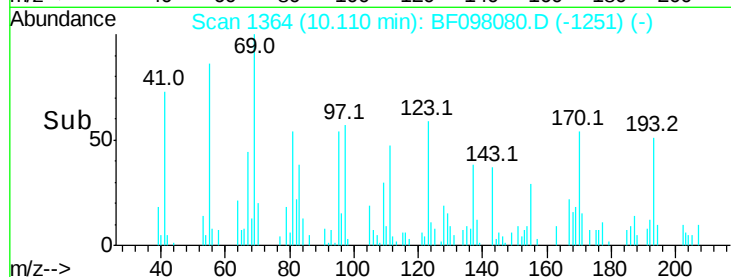
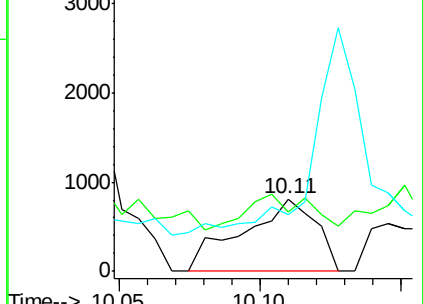
92 78.7 93.8 140.6#



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): BF0



#53

2,4-Dinitrophenol

Concen: 123.081 ng

RT: 10.14 min Scan# 1369

Delta R.T. 0.29 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

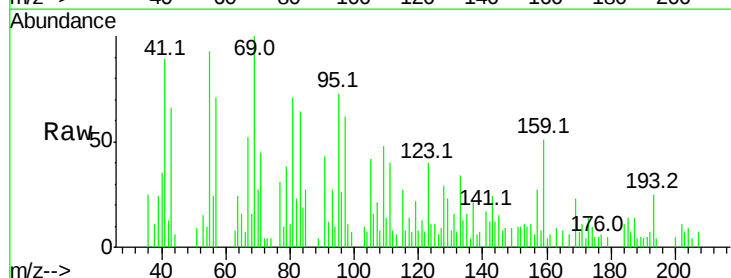
Tgt Ion:184 Resp: 579

Ion Ratio Lower Upper

184 100

63 71.2 62.7 94.1

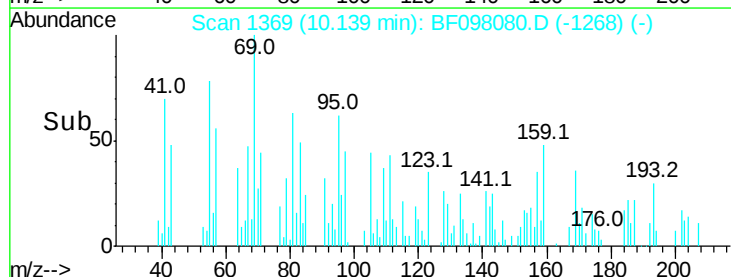
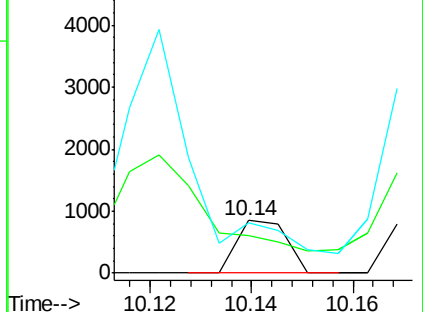
154 95.9 81.1 121.7

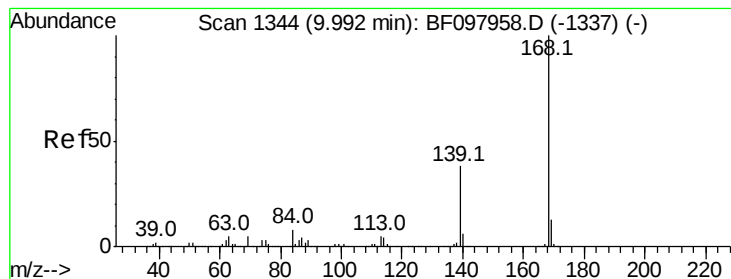


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 39.472 ng

RT: 10.33 min Scan# 1401

Delta R.T. 0.34 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

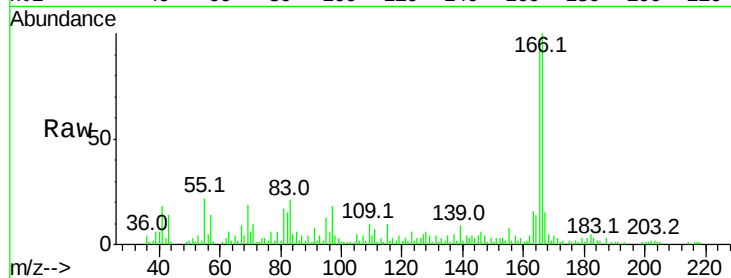
Tot Ion:168 Resp: 2277

Ion Ratio Lower Upper

168 100

139 176.6 30.6 45.8#

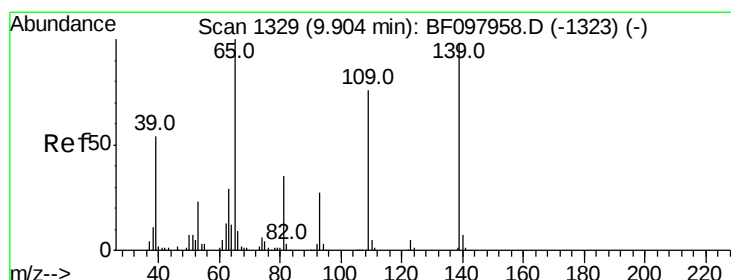
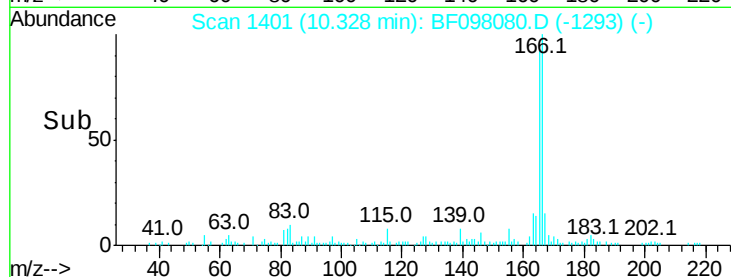
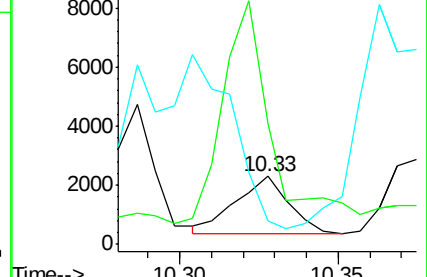
169 34.8 10.8 16.2#



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: 98.183 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.36 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

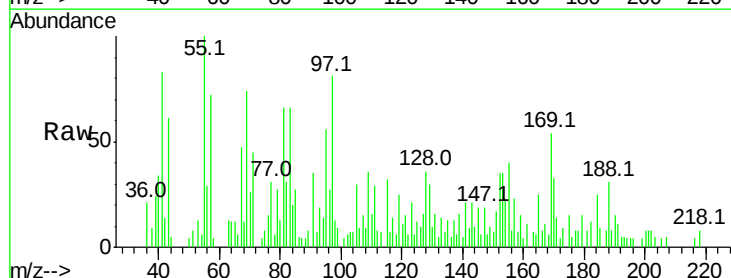
Tgt Ion:139 Resp: 951

Ion Ratio Lower Upper

139 100

109 230.7 34.1 74.1#

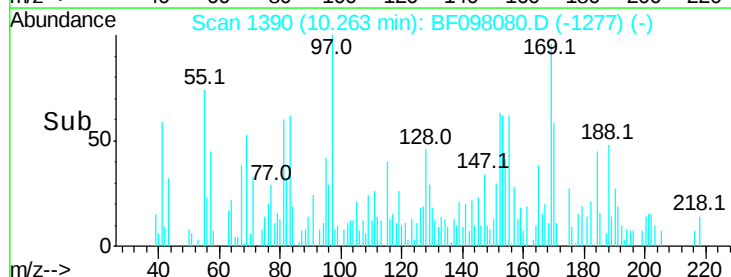
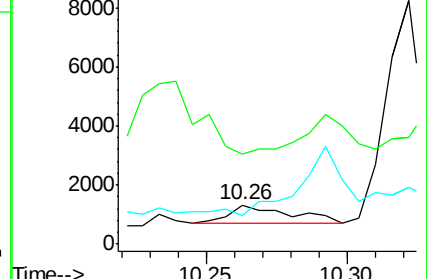
65 74.3 31.4 71.4#

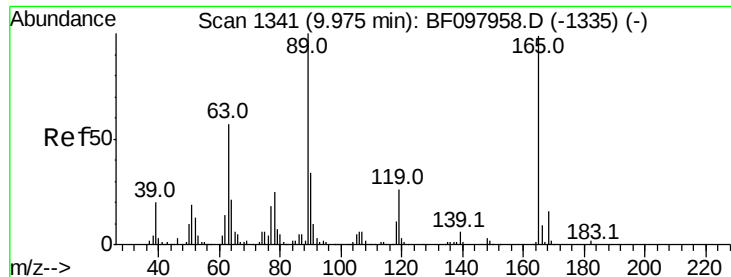


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5221.832 ng

RT: 10.32 min Scan# 1400

Delta R.T. 0.35 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

Tot Ion:165 Resp: 61673

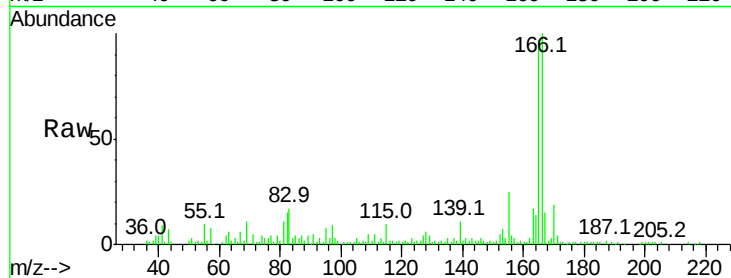
Ion Ratio Lower Upper

165 100

63 6.6 25.4 38.0#

89 3.9 46.4 69.6#

182 1.2 1.8 2.6#



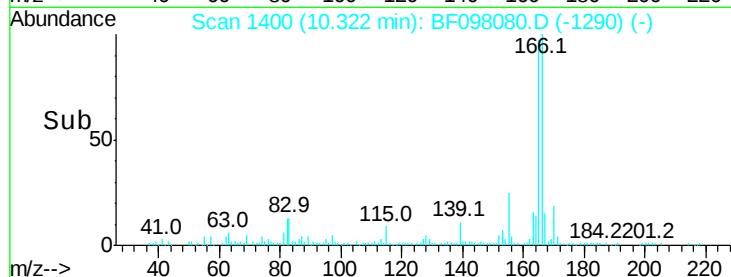
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

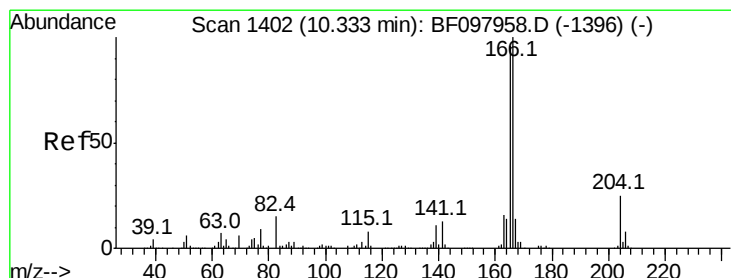
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#57

Fluorene

Concen: 107.220 ng

RT: 10.69 min Scan# 1462

Delta R.T. 0.35 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

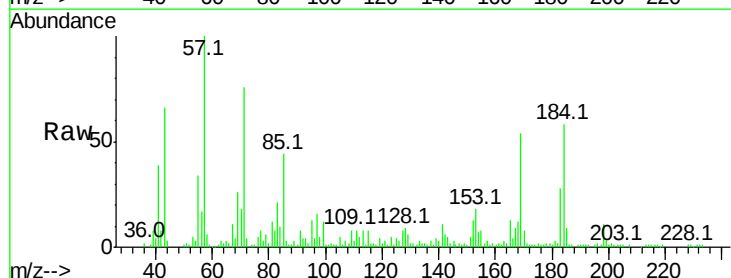
Tgt Ion:166 Resp: 4782

Ion Ratio Lower Upper

166 100

165 290.7 78.8 118.2#

167 213.3 10.6 16.0#

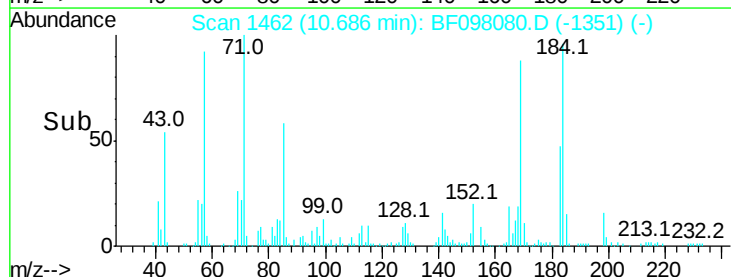


Abundance Ion 166.00 (165.70 to 166.70): E

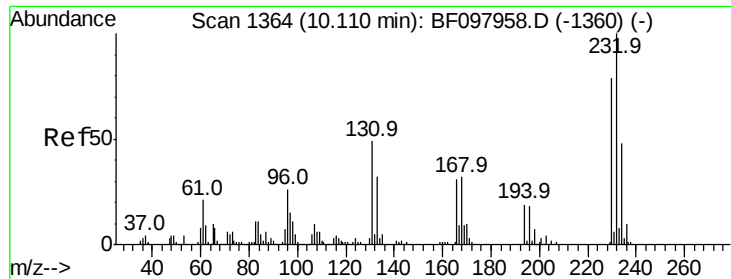
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



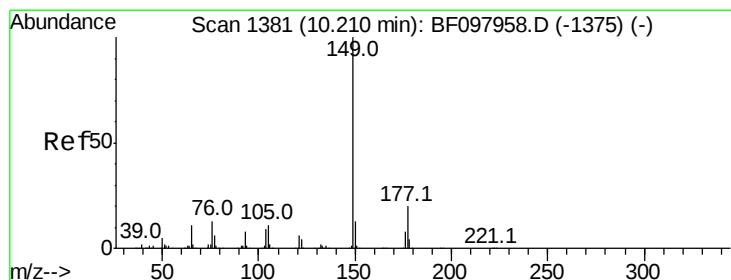
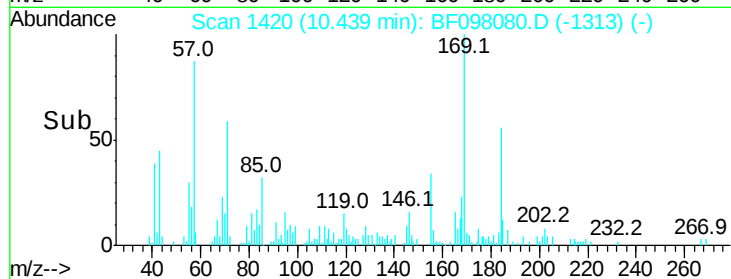
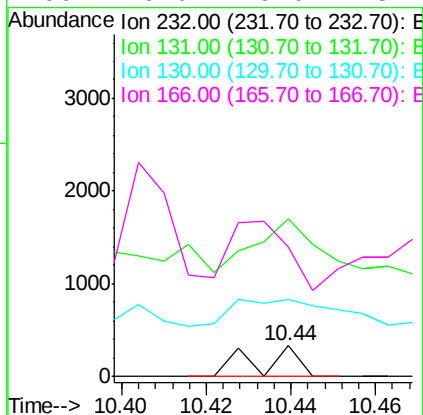
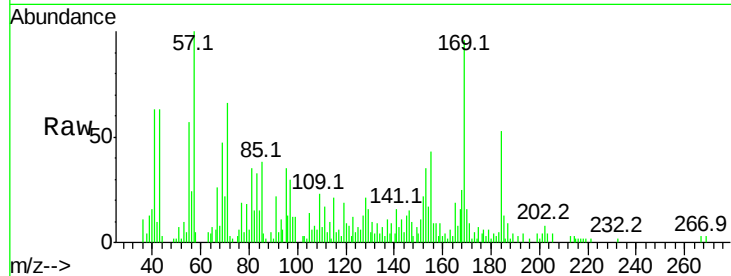
Time-->



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 21.944 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.33 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

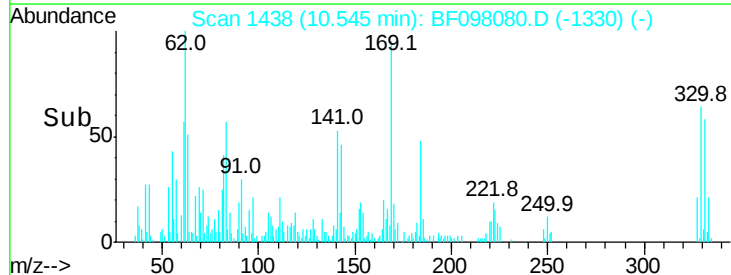
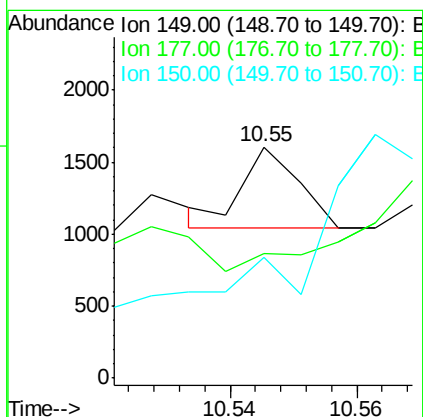
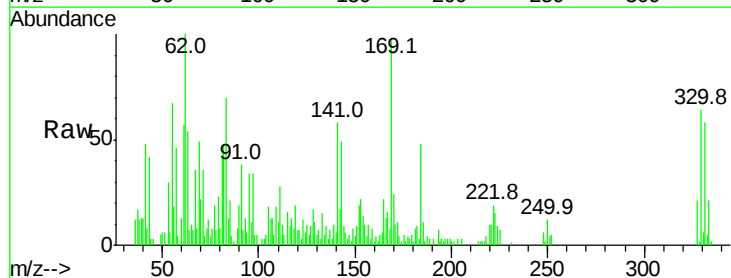
Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

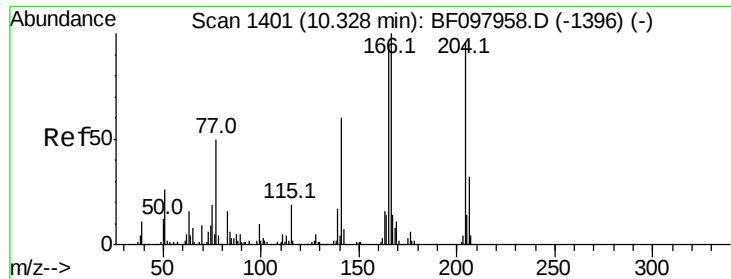
Tot Ion:232 Resp: 224
 Ion Ratio Lower Upper
 232 100
 131 287.1 44.8 67.2#
 130 225.9 2.3 3.5#
 166 0.0 29.0 43.4#



#59
 Diethylphthalate
 Concen: 6.916 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.34 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion:149 Resp: 341
 Ion Ratio Lower Upper
 149 100
 177 53.7 16.7 25.1#
 150 52.1 10.2 15.2#





#60

4-Chlorophenyl-phenylether

Concen: 44.788 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.35 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampled :

5-POST1

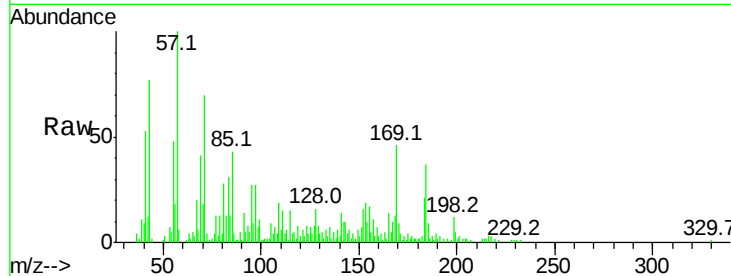
Tot Ion:204 Resp: 928

Ion Ratio Lower Upper

204 100

206 0.0 26.2 39.2#

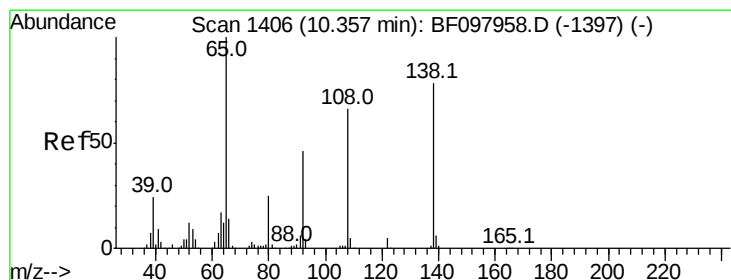
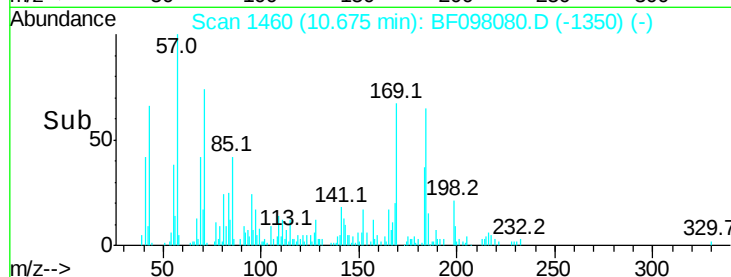
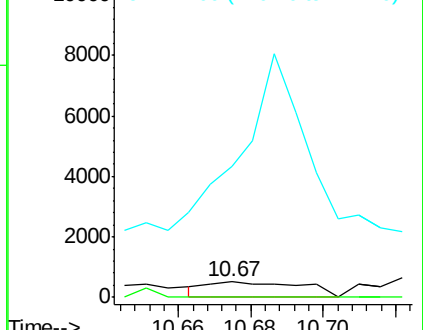
141 848.5 60.8 91.2#



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: 69.496 ng

RT: 10.70 min Scan# 1464

Delta R.T. 0.34 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

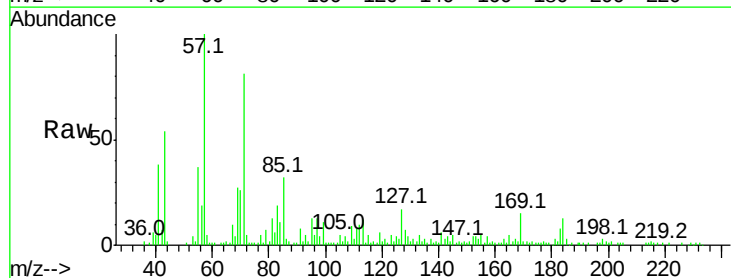
Tgt Ion:138 Resp: 802

Ion Ratio Lower Upper

138 100

92 146.5 21.8 61.8#

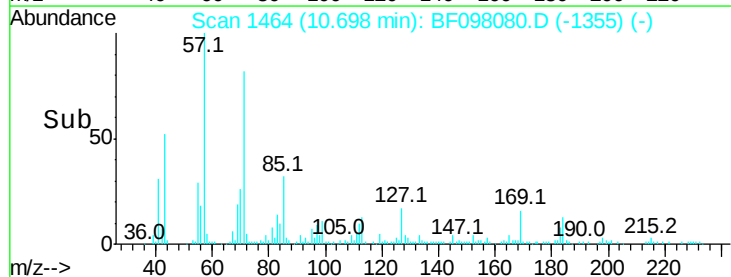
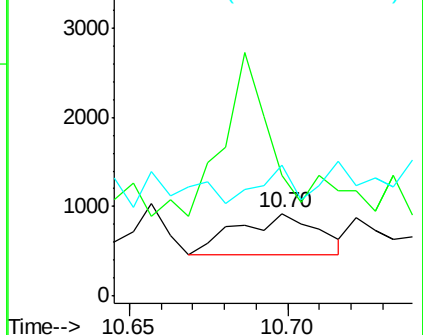
108 159.0 42.3 82.3#

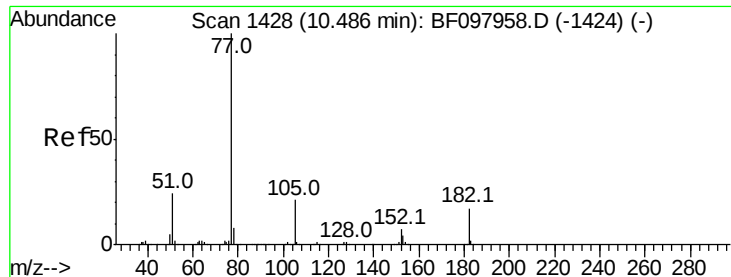


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 20.131 ng

RT: 10.87 min Scan# 1493

Delta R.T. 0.38 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

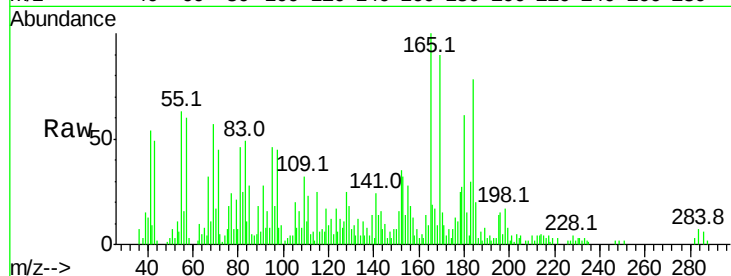
ClientSampleId :

5-POST1

Tot Ion: 77 Resp: 1179

Ion Ratio Lower Upper

77	100		
182	18.8	0.1	40.1
105	83.5	3.6	43.6#
51	30.9	9.4	49.4

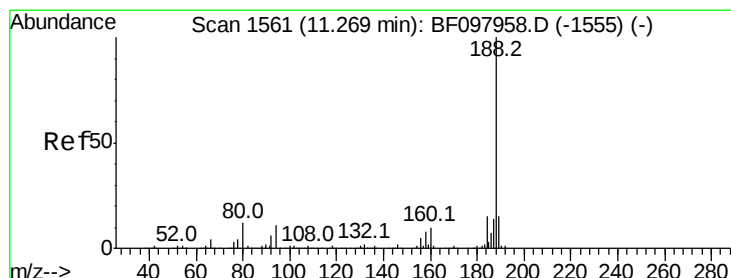
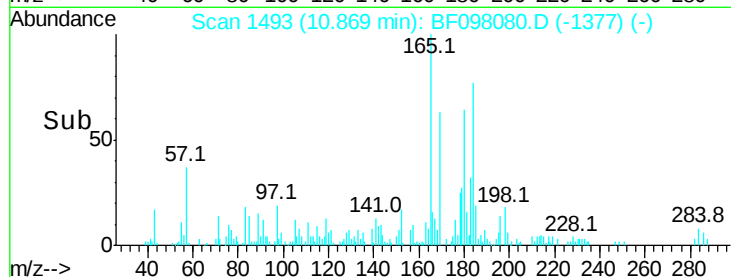
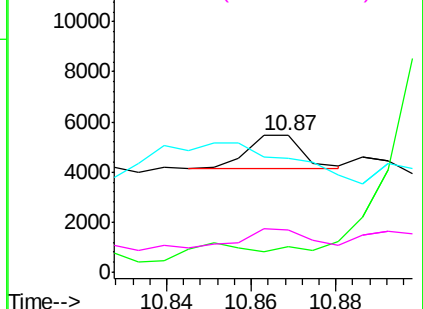


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.67 min Scan# 1629

Delta R.T. 0.41 min

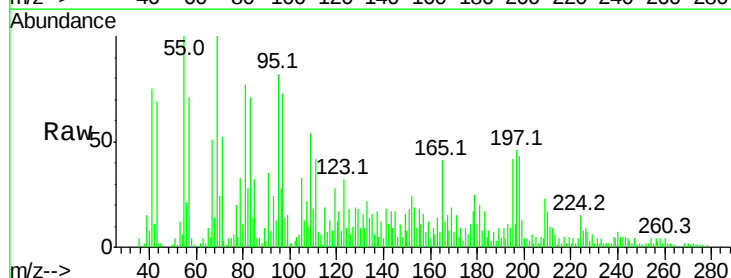
Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Tgt Ion: 188 Resp: 430

Ion Ratio Lower Upper

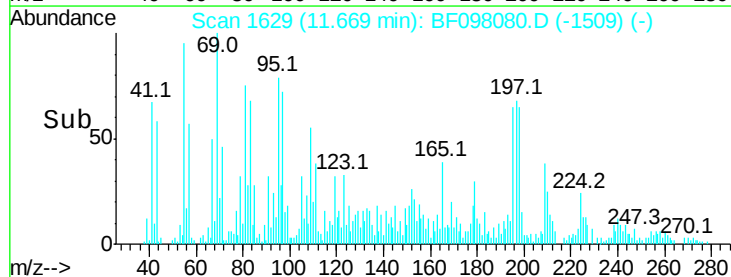
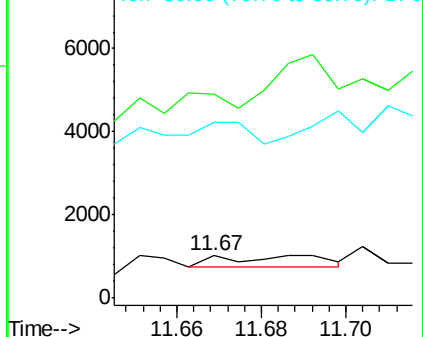
188	100		
94	479.7	9.4	14.2#
80	414.7	10.2	15.2#

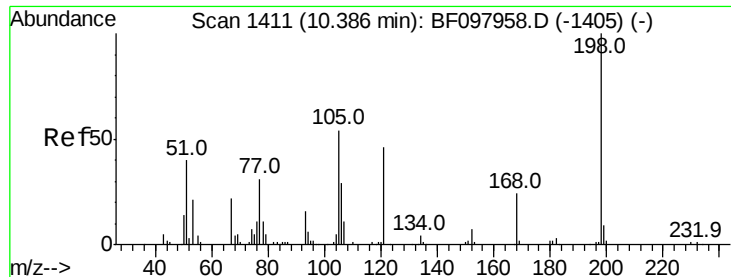


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

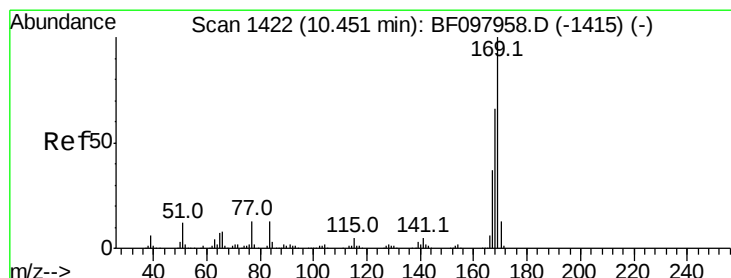
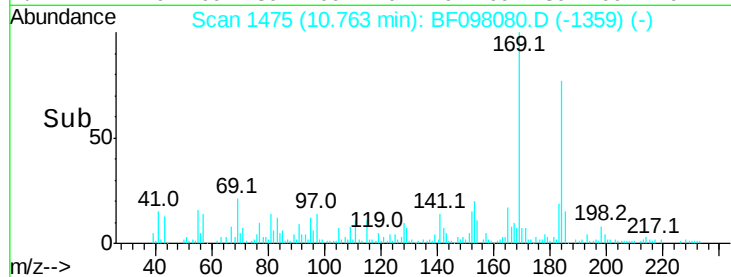
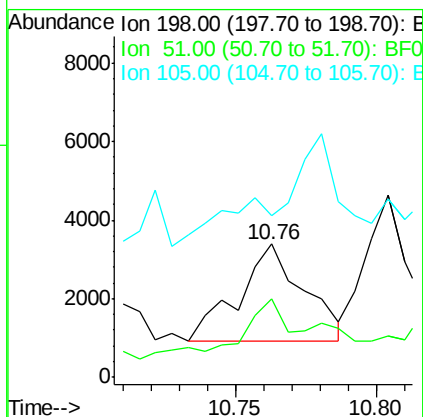
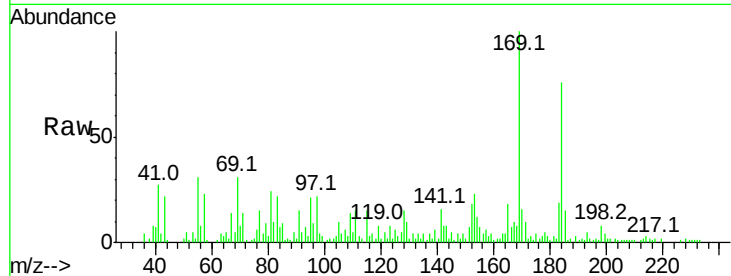




#64
 4,6-Dinitro-2-methylphenol
 Concen: 1616.917 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.38 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

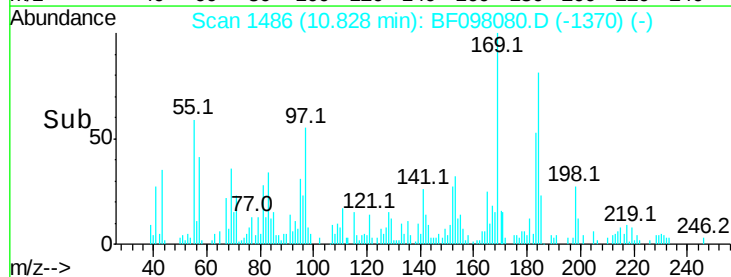
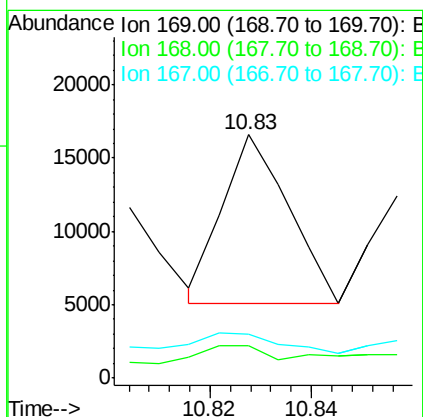
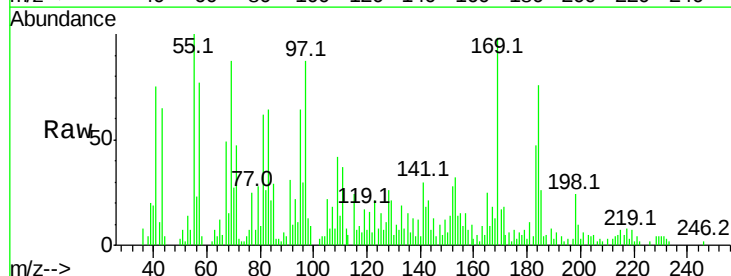
Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

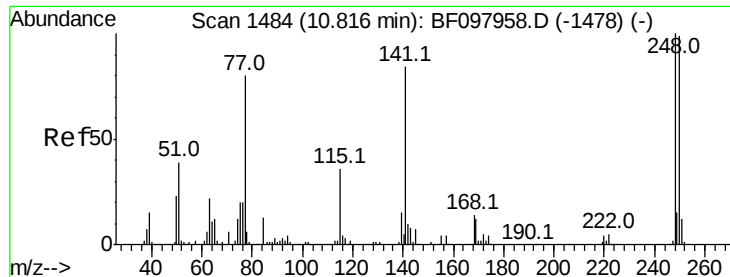
Tot Ion:198 Resp: 3943
 Ion Ratio Lower Upper
 198 100
 51 58.8 53.2 93.2
 105 121.6 45.8 85.8#



#65
 n-Nitrosodiphenylamine
 Concen: 712.297 ng
 RT: 10.83 min Scan# 1486
 Delta R.T. 0.38 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion:169 Resp: 10430
 Ion Ratio Lower Upper
 169 100
 168 13.2 53.2 79.8#
 167 18.0 29.5 44.3#

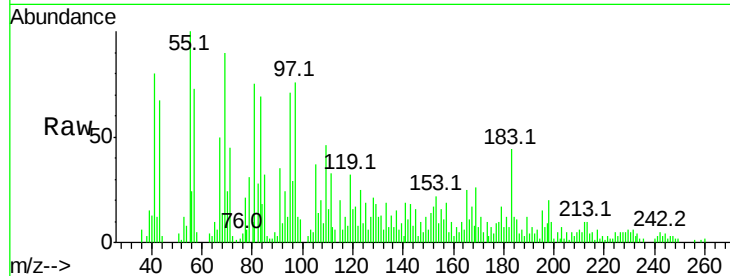




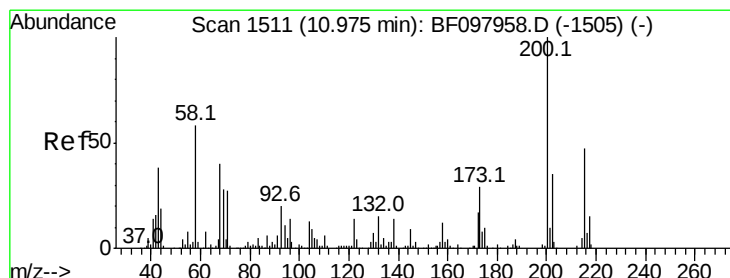
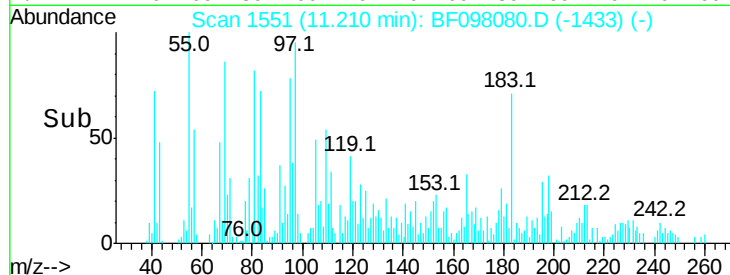
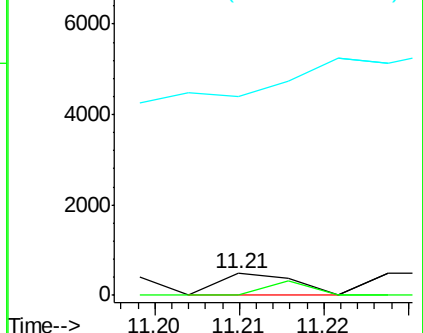
#66
4-Bromophenyl-phenylether
Concen: 68.529 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.39 min
Lab File: BF098080.D
Acq: 28 Aug 2017 21:47

Instrument :
BNA_F
ClientSampleId :
5-POST1

Tot Ion:248 Resp: 306
Ion Ratio Lower Upper
248 100
250 0.0 76.8 115.2#
141 909.5 68.6 103.0#

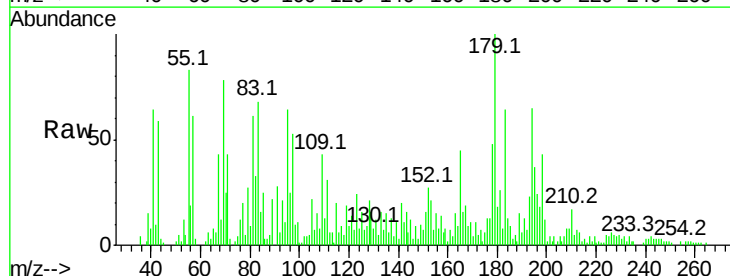


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

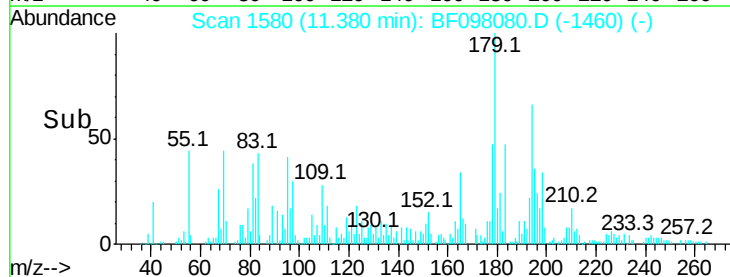
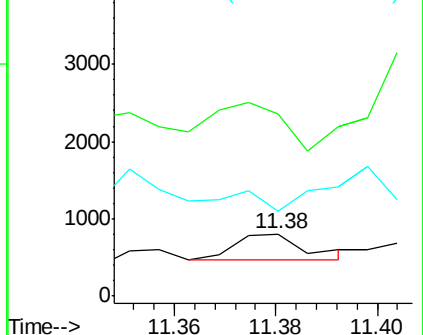


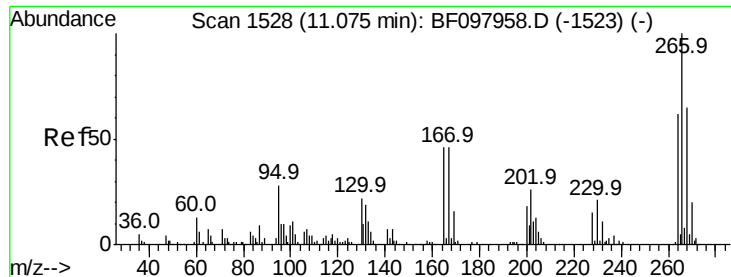
#68
Atrazine
Concen: 83.693 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.41 min
Lab File: BF098080.D
Acq: 28 Aug 2017 21:47

Tgt Ion:200 Resp: 325
Ion Ratio Lower Upper
200 100
173 292.8 6.3 46.3#
215 136.4 27.2 67.2#



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

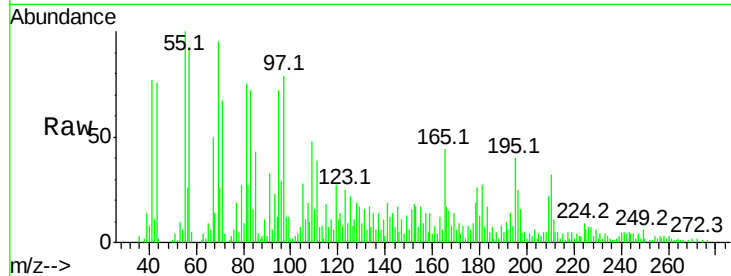




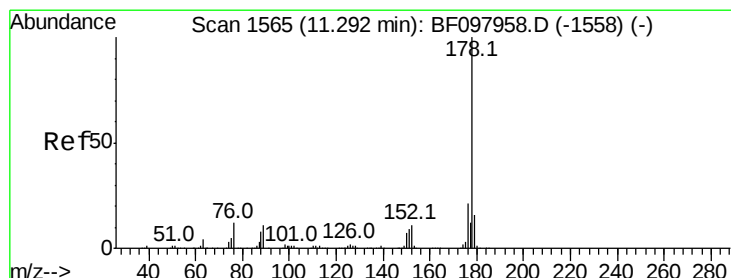
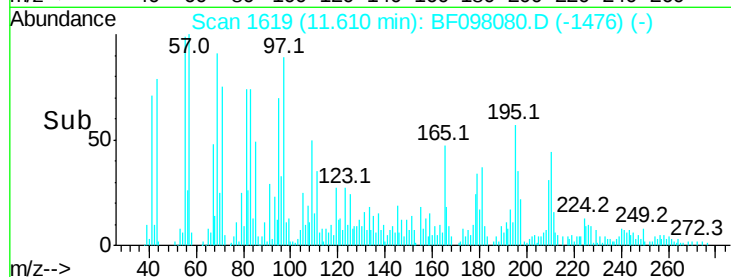
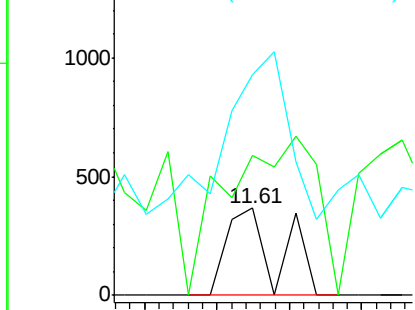
#69
 Pentachlorophenol
 Concen: 137.546 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.54 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

Tot Ion:266 Resp: 365
 Ion Ratio Lower Upper
 266 100
 268 161.0 51.1 76.7#
 264 252.9 51.7 77.5#

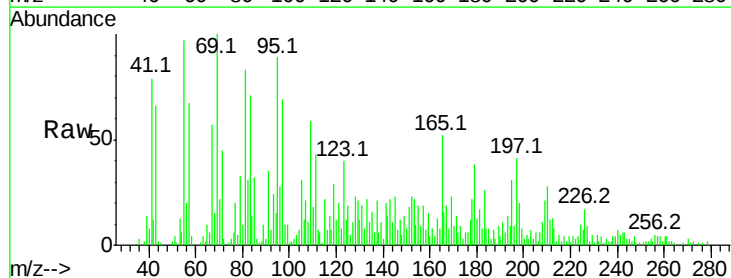


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

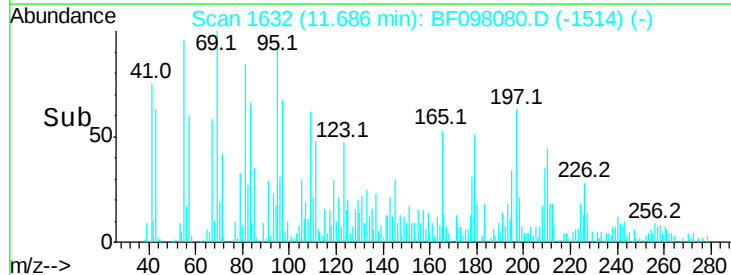
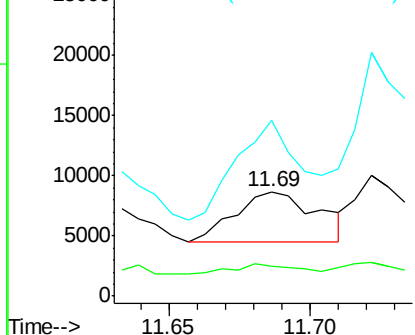


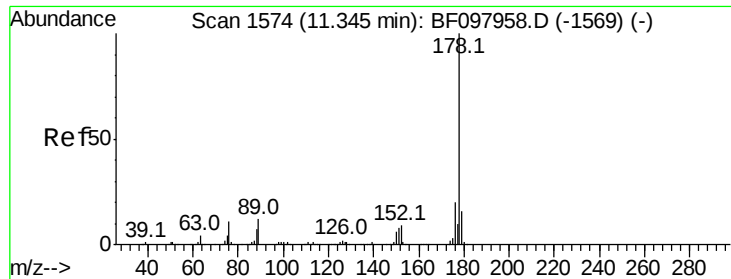
#70
 Phenanthrene
 Concen: 374.147 ng
 RT: 11.69 min Scan# 1632
 Delta R.T. 0.39 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion:178 Resp: 8573
 Ion Ratio Lower Upper
 178 100
 176 28.1 16.2 24.4#
 179 168.2 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

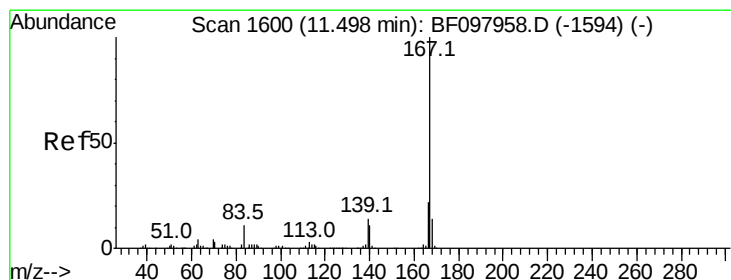
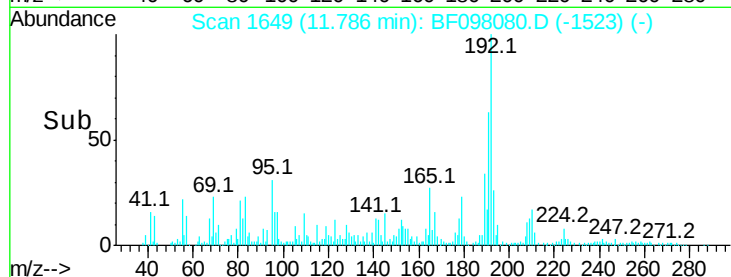
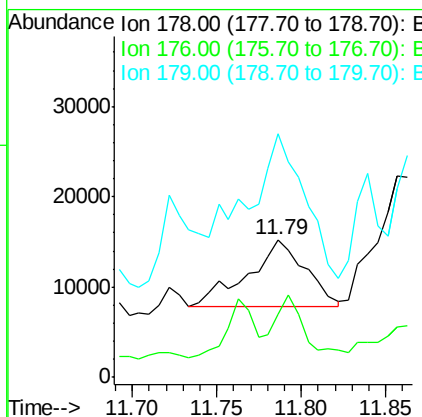
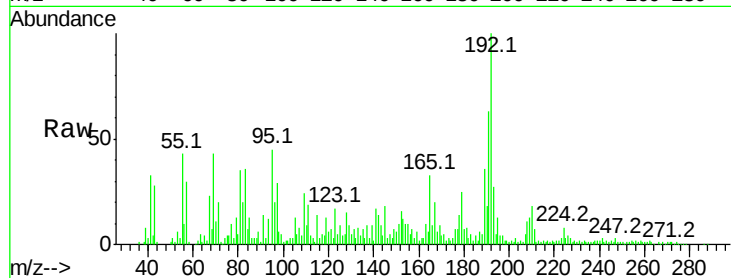




#71
 Anthracene
 Concen: 744.953 ng
 RT: 11.79 min Scan# 1649
 Delta R.T. 0.44 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

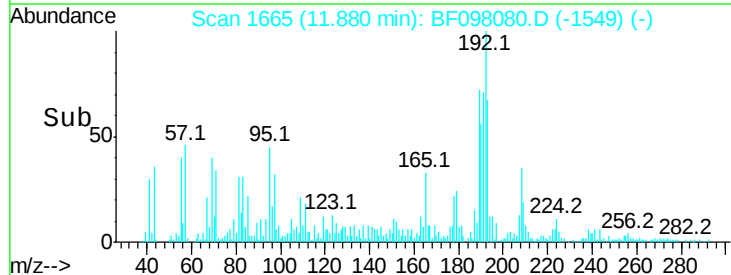
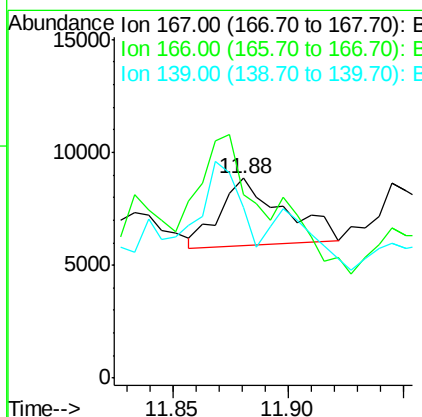
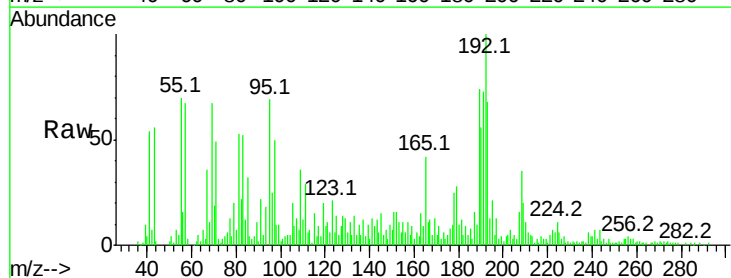
Instrument :
 BNA_F
 ClientSampled :
 5-POST1

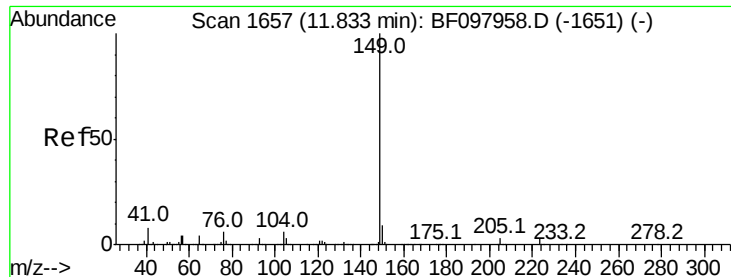
Tot Ion:178 Resp: 17313
 Ion Ratio Lower Upper
 178 100
 176 45.8 15.8 23.8#
 179 177.2 12.7 19.1#



#72
 Carbazole
 Concen: 256.435 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. 0.38 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion:167 Resp: 5657
 Ion Ratio Lower Upper
 167 100
 166 91.6 18.1 27.1#
 139 85.5 11.7 17.5#





#73

Di-n-butylphthalate

Concen: 45.218 ng

RT: 12.25 min Scan# 1727

Delta R.T. 0.41 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

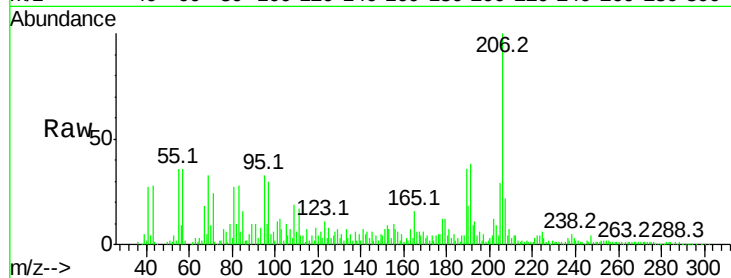
Tot Ion:149 Resp: 1149

Ion Ratio Lower Upper

149 100

150 70.5 7.7 11.5#

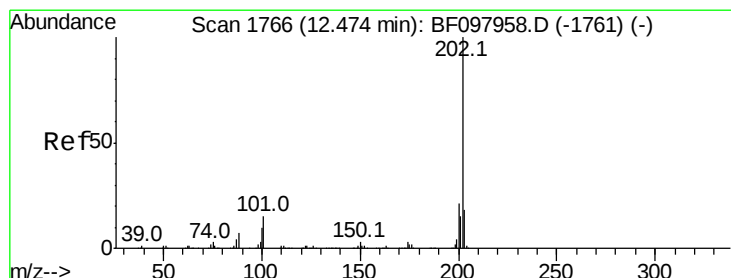
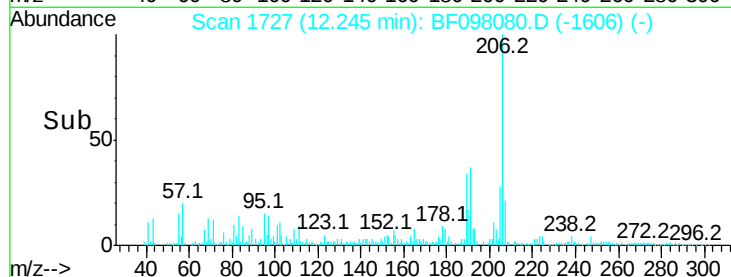
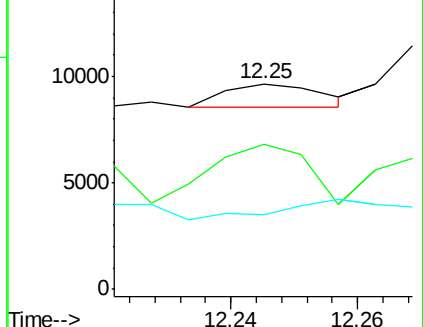
104 36.1 4.0 6.0#



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: 13430.162 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.24 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

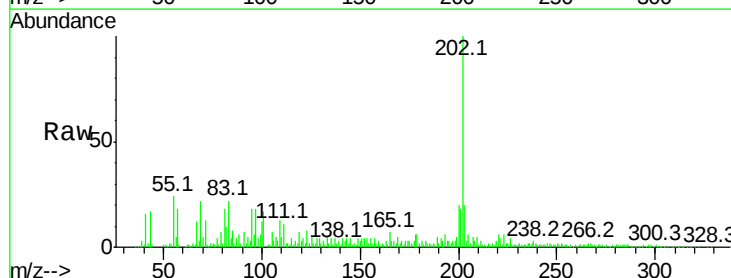
Tgt Ion:202 Resp: 321200

Ion Ratio Lower Upper

202 100

101 16.8 0.0 33.2

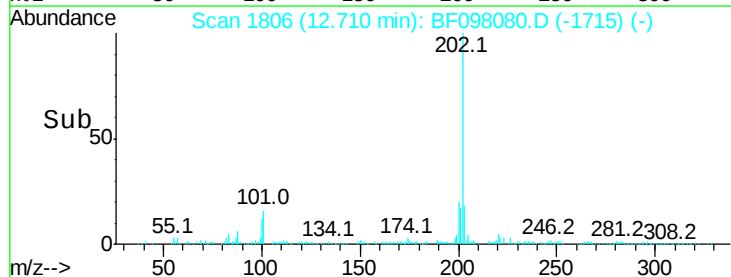
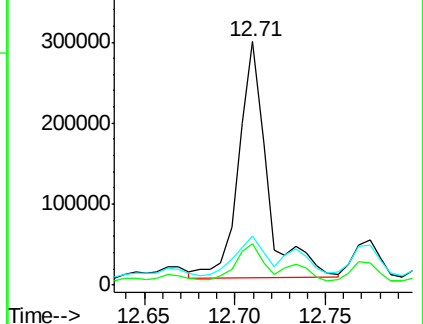
203 19.9 0.0 38.1

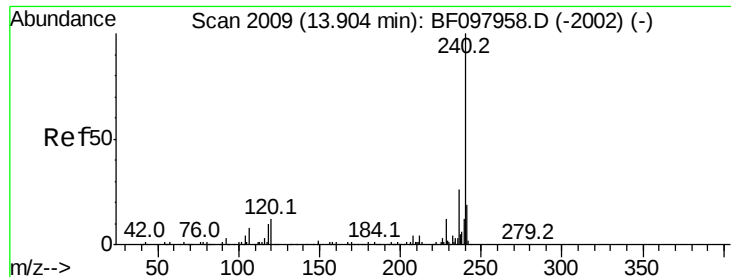


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.41 min Scan# 2095

Delta R.T. 0.51 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

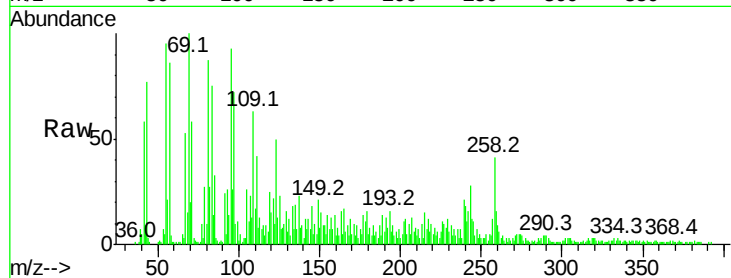
Tot Ion:240 Resp: 8960

Ion Ratio Lower Upper

240 100

120 84.8 5.8 8.8#

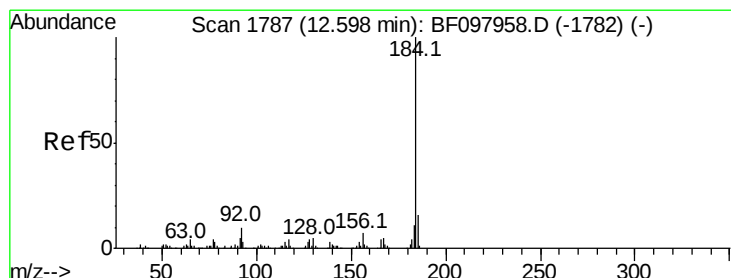
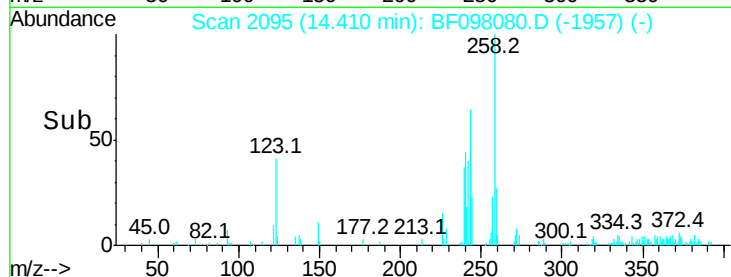
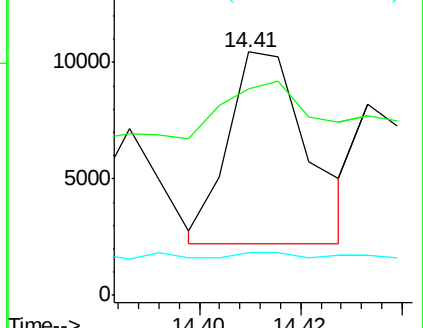
236 17.3 20.5 30.7#



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: 16.843 ng

RT: 13.03 min Scan# 1861

Delta R.T. 0.44 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

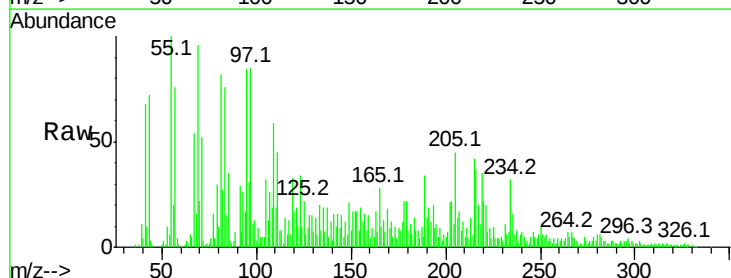
Tgt Ion:184 Resp: 4948

Ion Ratio Lower Upper

184 100

185 107.9 15.5 23.3#

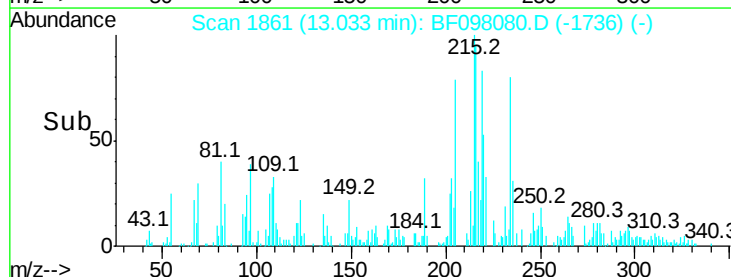
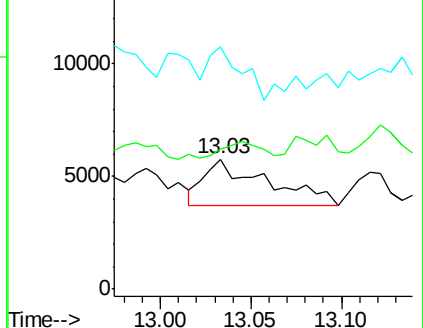
183 186.5 9.8 14.6#

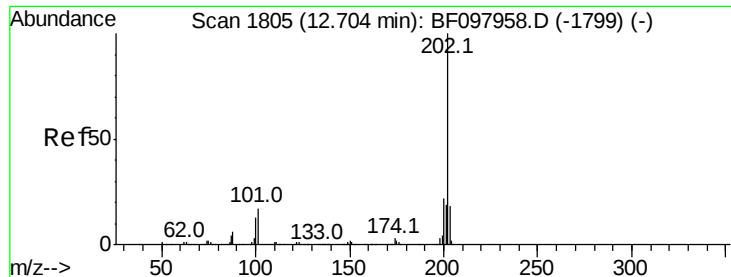


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 26.158 ng

RT: 13.19 min Scan# 1887

Delta R.T. 0.48 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

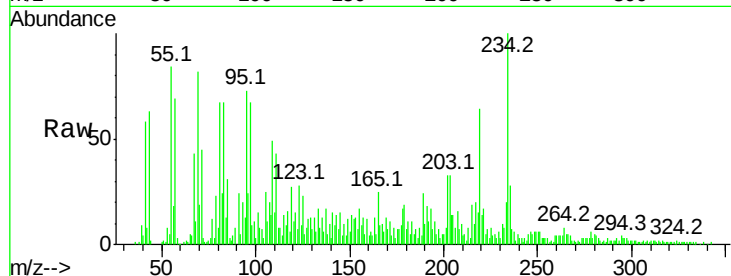
Tot Ion:202 Resp: 19169

Ion Ratio Lower Upper

202 100

200 15.7 17.6 26.4#

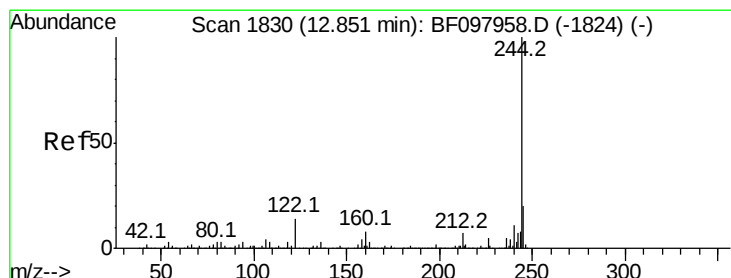
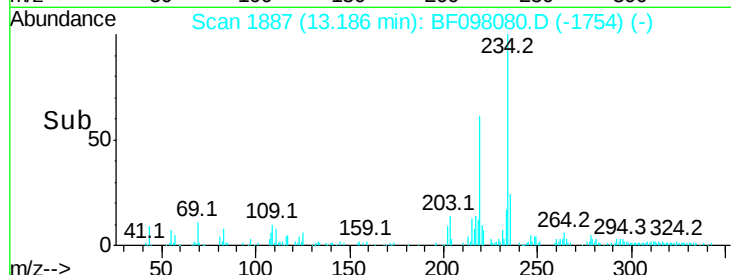
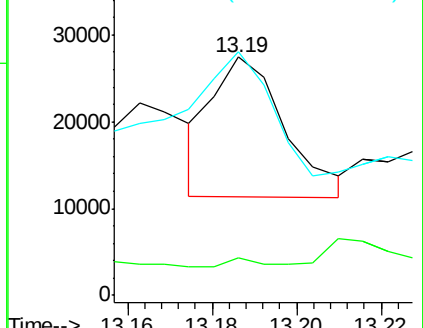
203 102.3 14.4 21.6#



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: 6.396 ng

RT: 13.31 min Scan# 1908

Delta R.T. 0.46 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

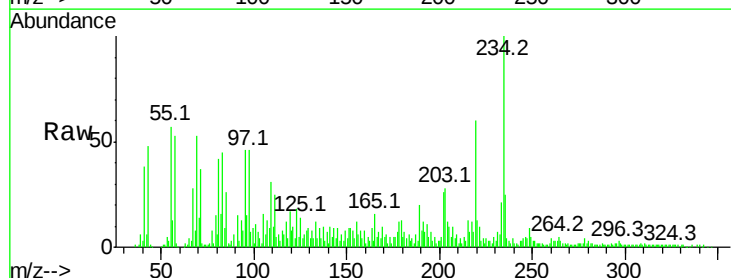
Tgt Ion:244 Resp: 2748

Ion Ratio Lower Upper

244 100

212 51.5 6.0 9.0#

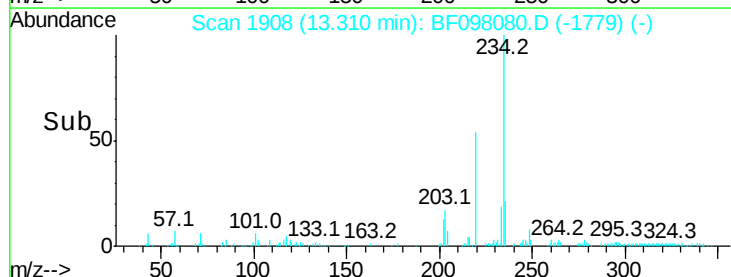
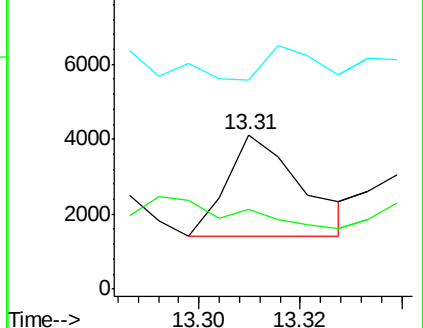
122 135.3 10.3 15.5#

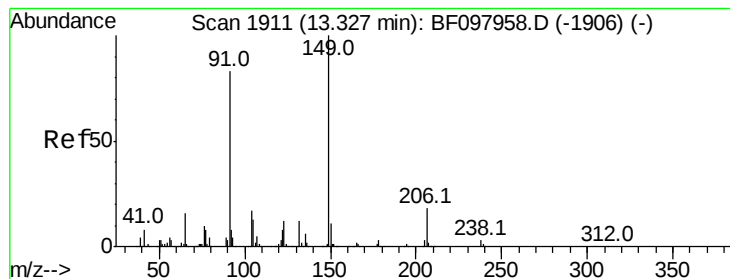


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 521.123 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.56 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

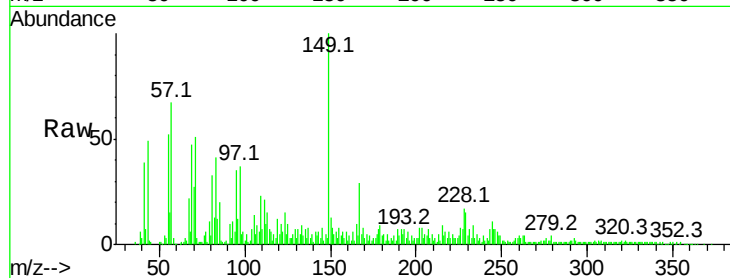
Tot Ion:149 Resp: 146418

Ion Ratio Lower Upper

149 100

91 10.3 45.0 67.4#

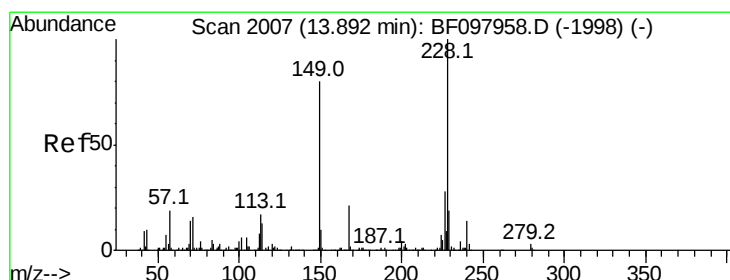
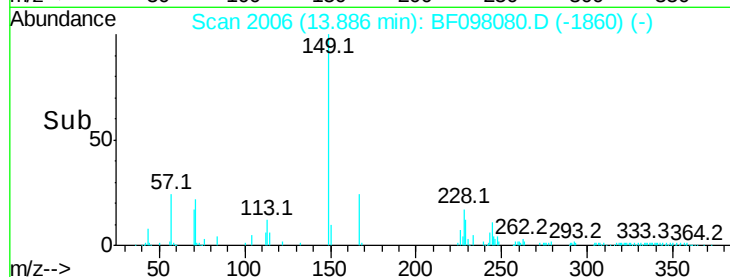
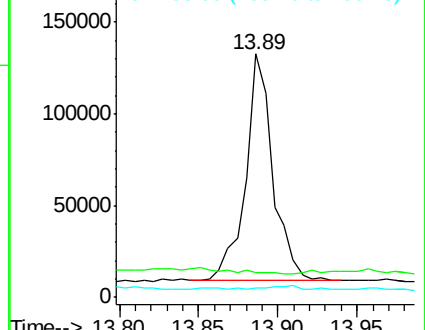
206 4.0 17.0 25.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 2.093 ng

RT: 14.40 min Scan# 2094

Delta R.T. 0.52 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

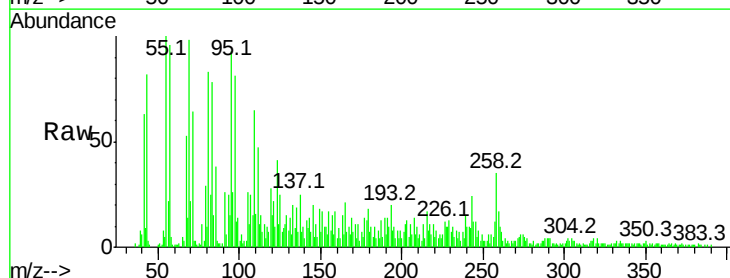
Tgt Ion:228 Resp: 1124

Ion Ratio Lower Upper

228 100

226 119.4 22.6 33.8#

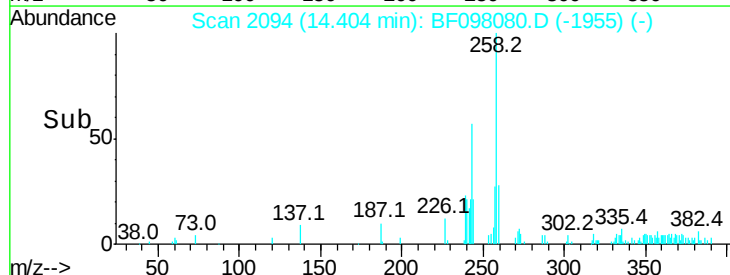
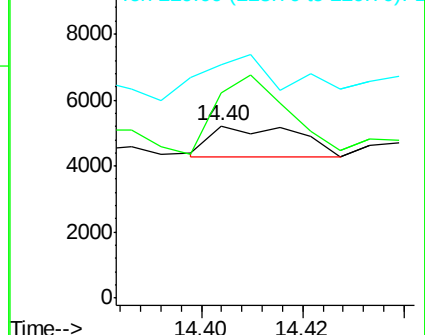
229 135.3 16.3 24.5#

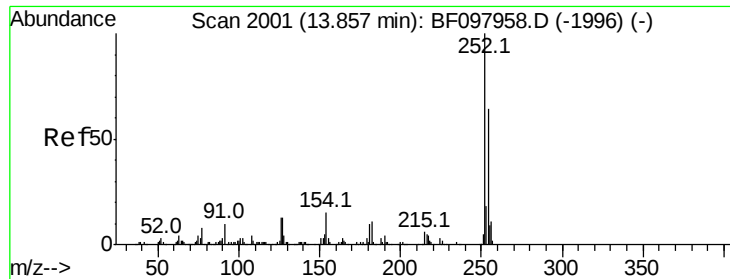


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

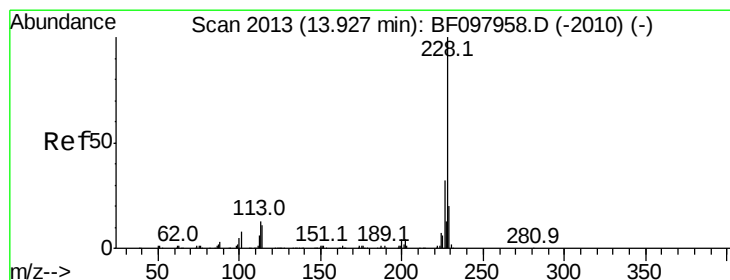
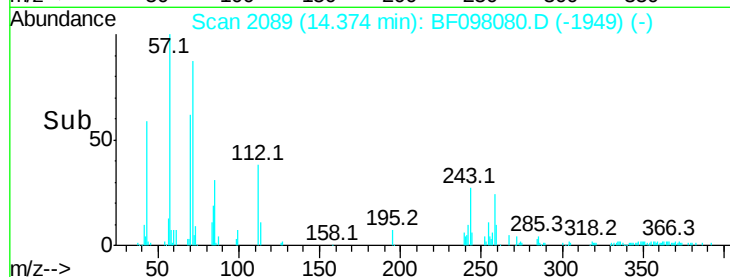
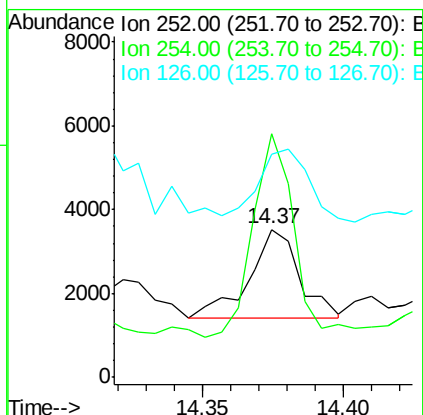
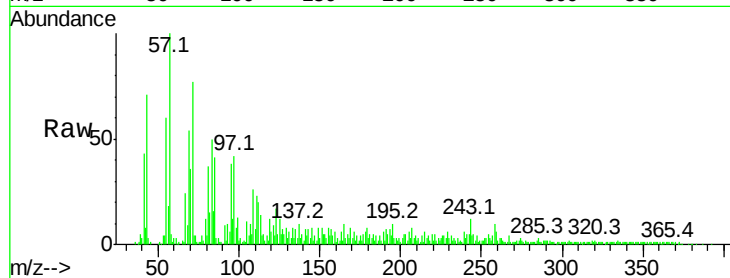




#81
 3,3'-Dichlorobenzidine
 Concen: 14.409 ng
 RT: 14.37 min Scan# 2089
 Delta R.T. 0.52 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

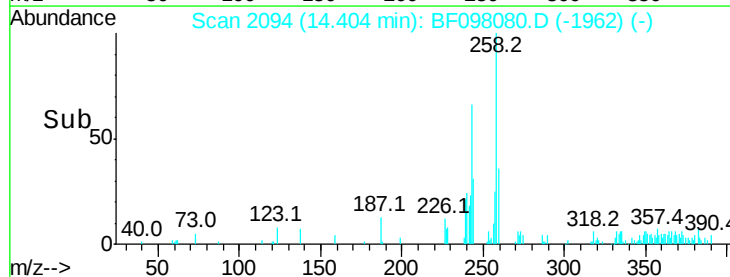
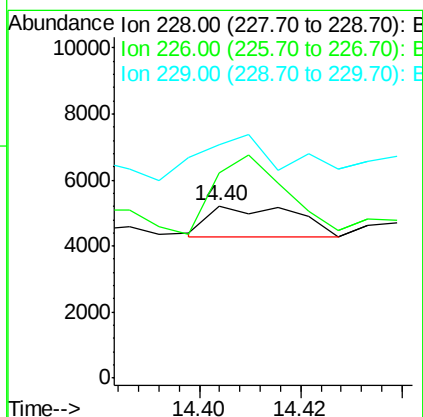
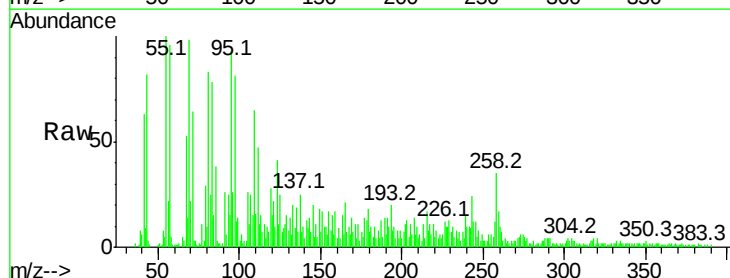
Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

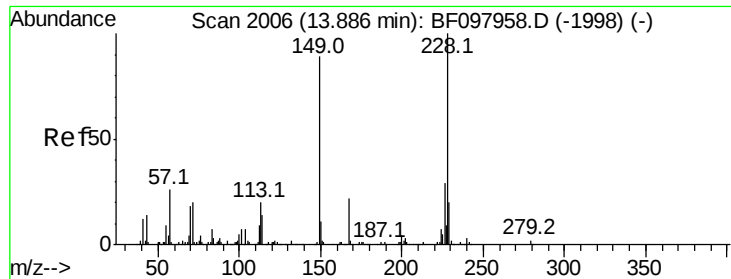
Tot Ion:252 Resp: 2611
 Ion Ratio Lower Upper
 252 100
 254 164.9 51.5 77.3#
 126 151.0 15.8 23.8#



#82
 Chrysene
 Concen: 2.104 ng
 RT: 14.40 min Scan# 2094
 Delta R.T. 0.48 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion:228 Resp: 1124
 Ion Ratio Lower Upper
 228 100
 226 119.4 24.9 37.3#
 229 135.3 15.8 23.6#

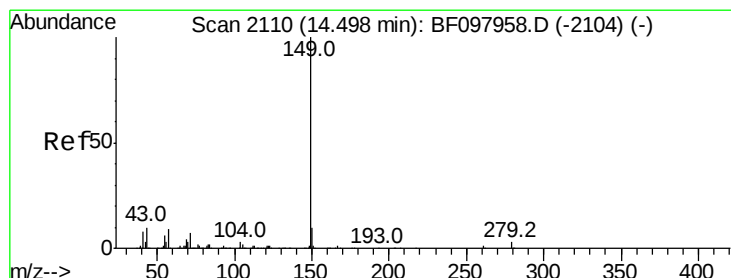
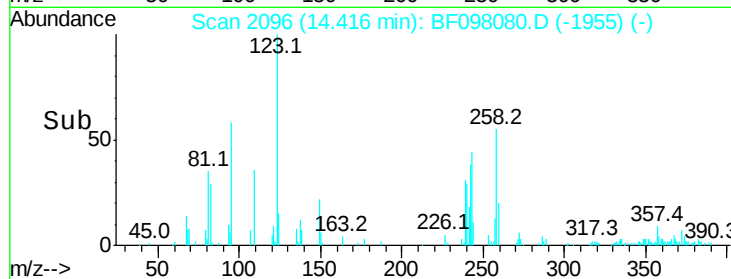
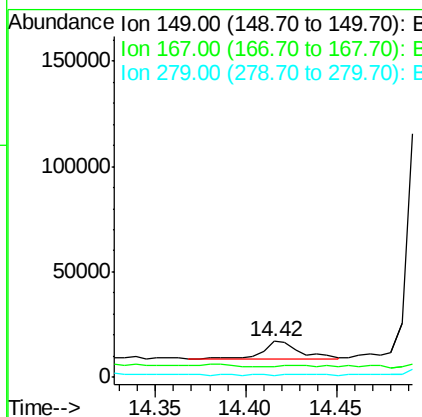
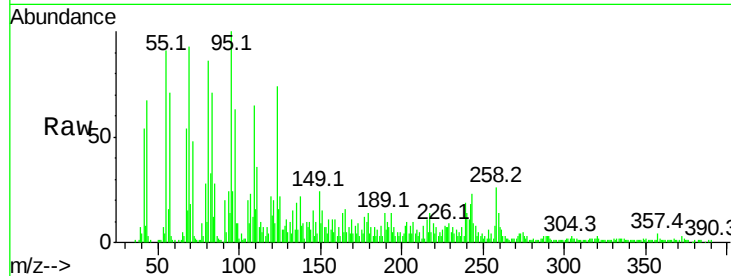




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.115 ng
 RT: 14.42 min Scan# 2096
 Delta R.T. 0.53 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

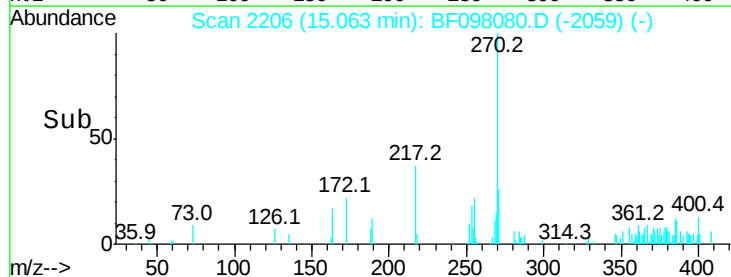
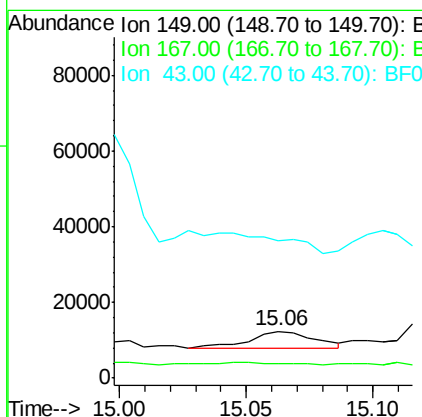
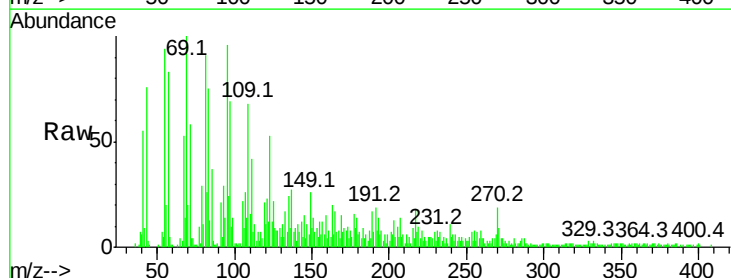
Instrument :
 BNA_F
 ClientSampleId :
 5-POST1

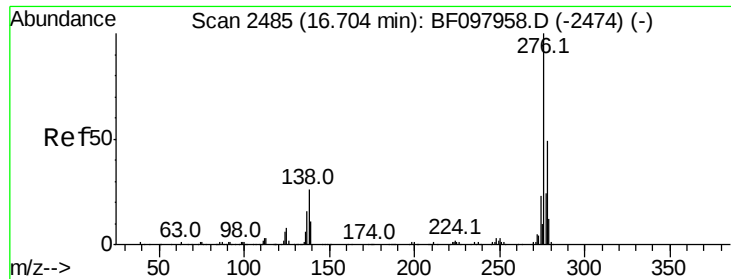
Tot Ion:149 Resp: 12801
 Ion Ratio Lower Upper
 149 100
 167 28.8 21.0 31.4
 279 6.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 13.891 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. 0.56 min
 Lab File: BF098080.D
 Acq: 28 Aug 2017 21:47

Tgt Ion:149 Resp: 7525
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 0.0 8.5 12.7#





#85

Indeno(1,2,3-cd)pyrene

Concen: 107.469 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.44 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

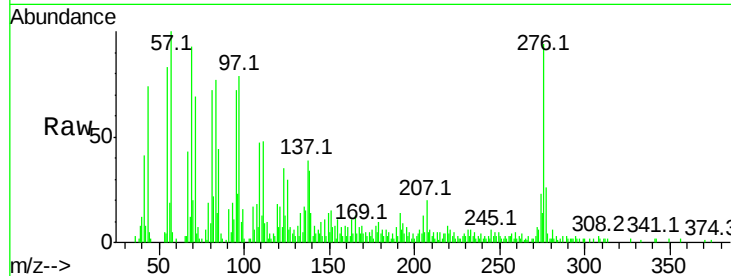
Tot Ion:276 Resp: 42233

Ion Ratio Lower Upper

276 100

138 28.3 27.8 41.6

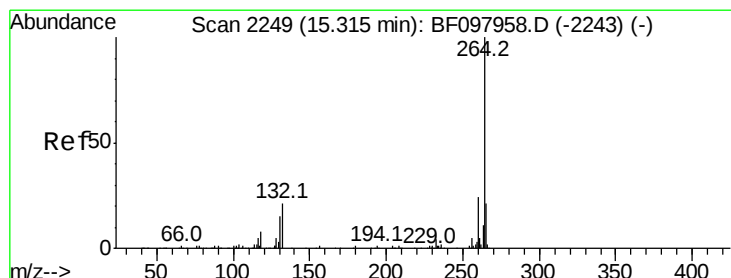
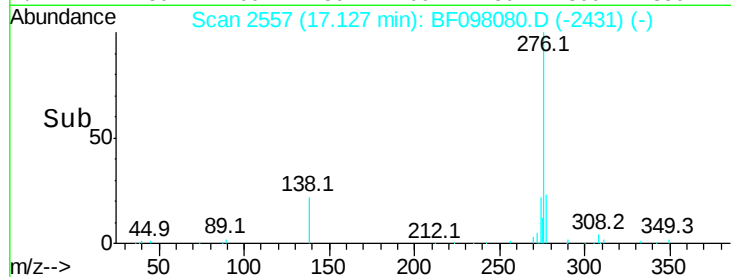
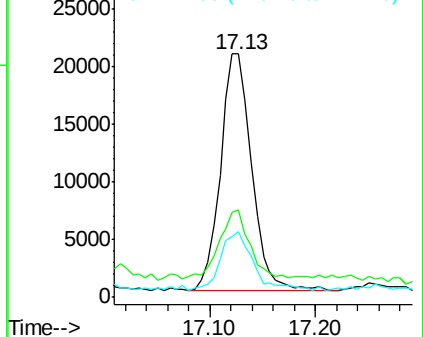
277 25.7 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.86 min Scan# 2341

Delta R.T. 0.55 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

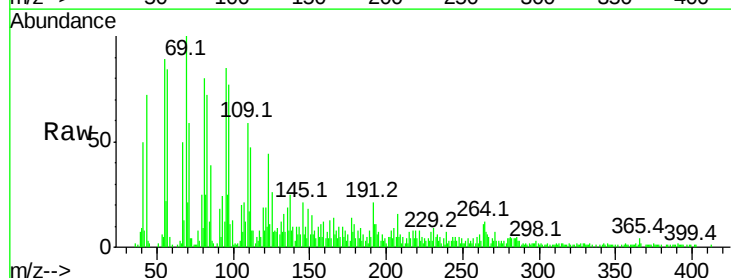
Tgt Ion:264 Resp: 5104

Ion Ratio Lower Upper

264 100

260 15.6 19.5 29.3#

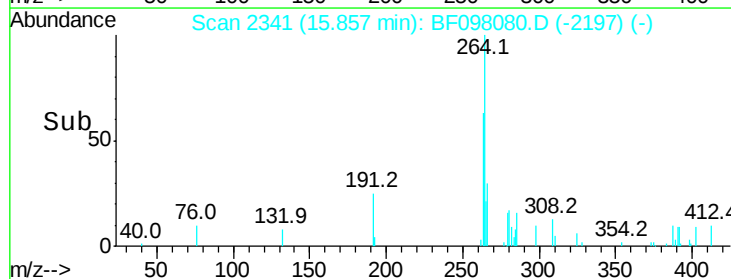
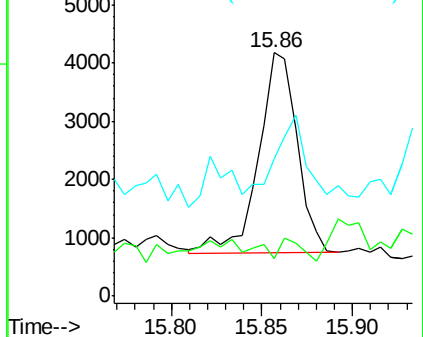
265 56.5 17.2 25.8#

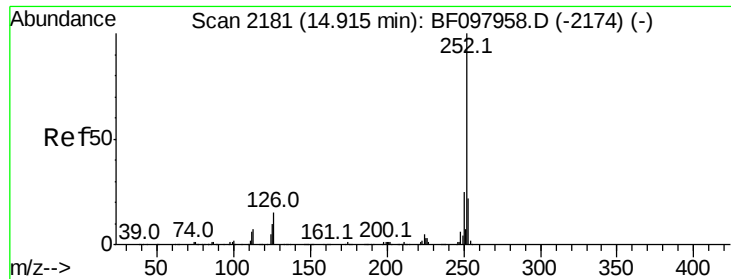


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 56.387 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.45 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

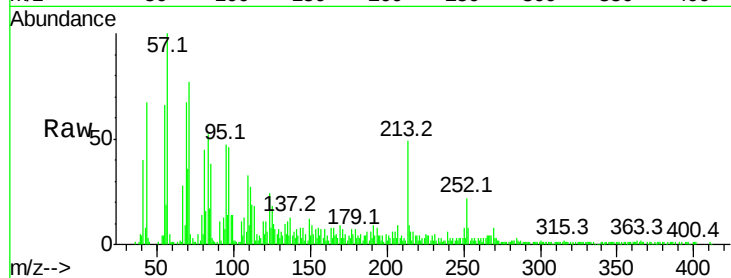
Tot Ion:252 Resp: 18141

Ion Ratio Lower Upper

252 100

253 35.4 18.1 27.1#

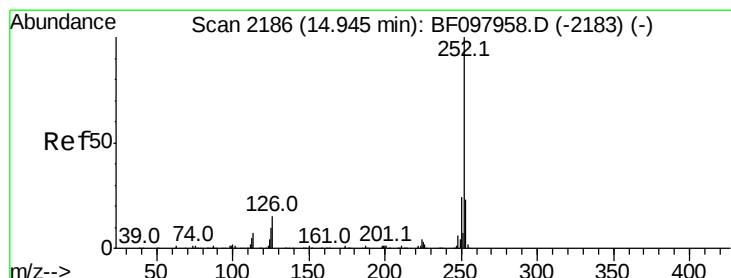
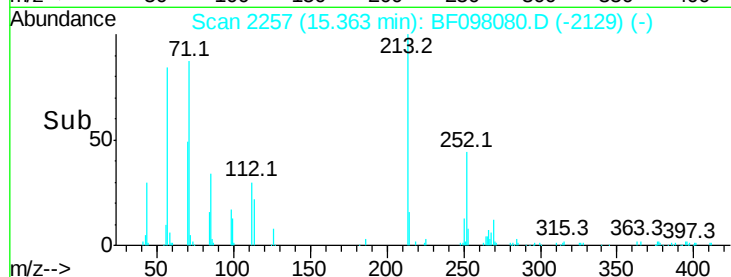
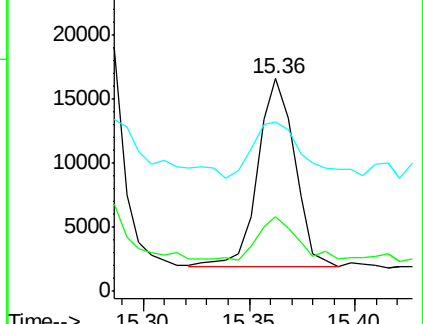
125 79.5 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 10.008 ng

RT: 15.56 min Scan# 2290

Delta R.T. 0.62 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

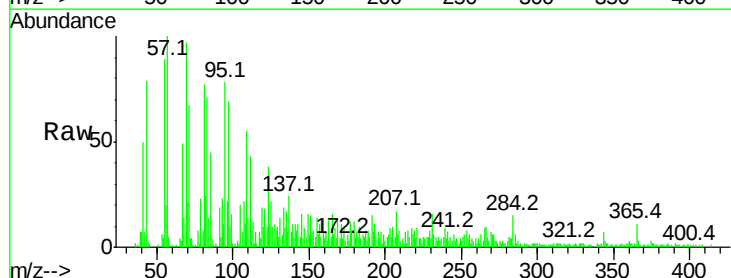
Tgt Ion:252 Resp: 3025

Ion Ratio Lower Upper

252 100

253 126.7 18.4 27.6#

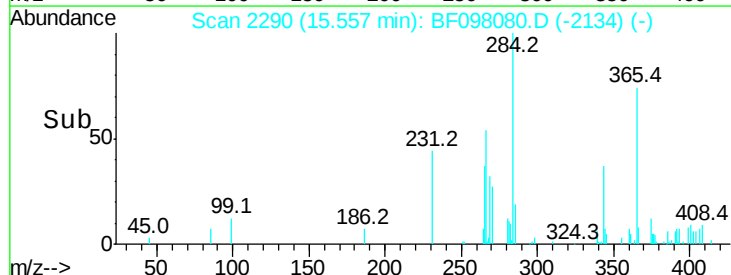
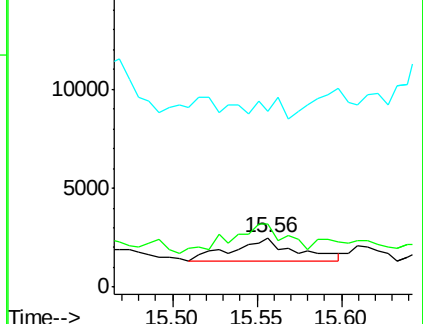
125 356.1 13.1 19.7#

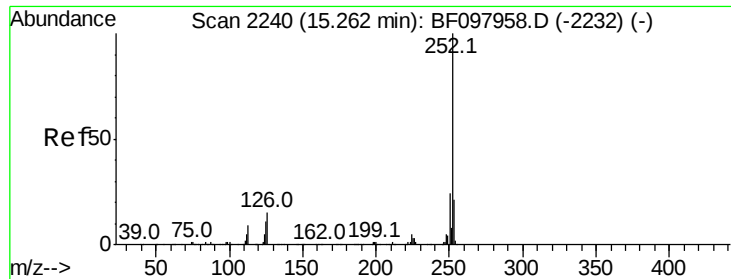


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.904 ng

RT: 15.81 min Scan# 2333

Delta R.T. 0.55 min

Lab File: BF098080.D

Acq: 28 Aug 2017 21:47

Instrument :

BNA_F

ClientSampleId :

5-POST1

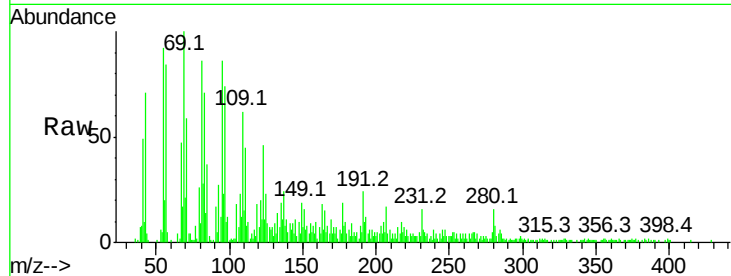
Tot Ion:252 Resp: 827

Ion Ratio Lower Upper

252 100

253 106.5 17.5 26.3#

125 499.7 11.0 16.4#



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

