

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070517\
 Data File : BG027853.D
 Acq On : 5 Jul 2017 18:31
 Operator : SJ/JU
 Sample : I4035-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

Quant Time: Jul 06 07:20:20 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	24858	20.00	ng	-0.03
21) Naphthalene-d8	11.27	136	120423	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	53874	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	209452	20.00	ng	-0.02
75) Chrysene-d12	22.14	240	183974	20.00	ng	-0.03
86) Perylene-d12	25.72	264	888	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.03	112	199315	123.47	ng	-0.02
7) Phenol-d6	7.60	99	209643	85.01	ng	-0.02
23) Nitrobenzene-d5	9.62	82	185375	85.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	212964	288.20	ng	-0.02
44) 2-Fluorobiphenyl	13.67	172	514738	136.45	ng	-0.02
78) Terphenyl-d14	20.37	244	1011597	128.91	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	4.02	88	17722	29.487	ng	# 85
4) n-Nitrosodimethylamine	4.31	42	38072	41.952	ng	99
8) 2-Chlorophenol	8.02	128	80957	44.880	ng	87
9) Benzaldehyde	7.59	77	28655	19.527	ng	86
10) Phenol	7.63	94	76360	31.297	ng	90
11) bis(2-Chloroethyl)ether	7.86	93	64968	35.056	ng	93
12) 1,3-Dichlorobenzene	8.34	146	71772	37.406	ng	# 92
13) 1,4-Dichlorobenzene	8.48	146	74118	37.281	ng	92
14) 1,2-Dichlorobenzene	8.81	146	75235	39.029	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.96	45	136336	34.490	ng	98
17) 2-Methylphenol	8.88	107	54795	31.744	ng	# 88
18) Hexachloroethane	9.54	117	24810	35.477	ng	87
19) n-Nitroso-di-n-propylamine	9.24	70	80334	44.776	ng	# 97
20) 3+4-Methylphenols	9.21	107	71419	28.691	ng	88
22) Acetophenone	9.27	105	124343	42.790	ng	# 89
24) Nitrobenzene	9.66	77	91422	40.476	ng	# 83
25) Isophorone	10.18	82	216327	45.938	ng	# 94
26) 2-Nitrophenol	10.37	139	45098	44.204	ng	# 80
27) 2,4-Dimethylphenol	10.41	122	72410	37.894	ng	95
28) bis(2-Chloroethoxy)methane	10.65	93	17315	6.486	ng	# 90
29) 2,4-Dichlorophenol	10.91	162	86849	51.862	ng	97
30) 1,2,4-Trichlorobenzene	11.13	180	75186	44.022	ng	93
31) Naphthalene	11.32	128	262924	41.056	ng	99
32) Benzoic acid	10.53	122	45779m	40.821	ng	
34) Hexachlorobutadiene	11.59	225	44813	47.091	ng	99
35) Caprolactam	12.30	113	25690	30.500	ng	90
36) 4-Chloro-3-methylphenol	12.51	107	92999	39.466	ng	89
37) 2-Methylnaphthalene	12.89	142	208488	43.709	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	100849	71.236	ng	98
40) Hexachlorocyclopentadiene	13.23	237	122495	183.519	ng	99
42) 2,4,6-Trichlorophenol	13.48	196	78938	77.202	ng	93
43) 2,4,5-Trichlorophenol	13.56	196	87847	75.824	ng	96
45) 1,1'-Biphenyl	13.88	154	285611	66.142	ng	96
46) 2-Chloronaphthalene	13.93	162	217273	66.606	ng	99

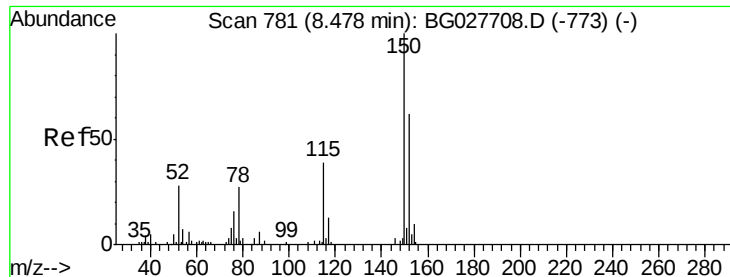
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Nitroaniline	14.13	65	33882	25.949	ng	# 81
48) Acenaphthylene	14.76	152	103442	17.354	ng	95
49) Dimethylphthalate	14.48	163	340199	74.023	ng	98
50) 2,6-Dinitrotoluene	14.61	165	75181	75.252	ng	# 80
51) Acenaphthene	15.11	154	164691	43.109	ng	96
53) 2,4-Dinitrophenol	15.15	184	98214	168.503	ng	95
54) Dibenzofuran	15.43	168	377696	74.768	ng	98
55) 4-Nitrophenol	15.25	139	90914	101.331	ng	# 66
56) 2,4-Dinitrotoluene	15.39	165	110834	79.538	ng	# 89
57) Fluorene	16.09	166	324039	66.159	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.66	232	87280	87.392	ng	92
59) Diethylphthalate	15.83	149	377258	74.133	ng	95
60) 4-Chlorophenyl-phenylether	16.06	204	162636	75.009	ng	95
61) 4-Nitroaniline	16.09	138	5342m	4.363	ng	
62) Azobenzene	16.36	77	125018	27.957	ng	95
64) 4,6-Dinitro-2-methylphenol	16.15	198	64157	48.958	ng	86
66) 4-Bromophenyl-phenylether	16.96	248	117482	53.629	ng	95
67) Hexachlorobenzene	17.09	284	126471	54.513	ng	94
69) Pentachlorophenol	17.44	266	144865	96.429	ng	96
70) Phenanthrene	17.83	178	556439	46.018	ng	95
71) Anthracene	17.93	178	478155	39.160	ng	99
73) Di-n-butylphthalate	18.71	149	650367	49.216	ng	# 94
74) Fluoranthene	19.82	202	557610	42.195	ng	95
77) Pyrene	20.19	202	157575	13.648	ng	95
79) Butylbenzylphthalate	21.06	149	90342	17.374	ng	# 85
80) Benzo(a)anthracene	22.12	228	443516	39.874	ng	94
82) Chrysene	22.20	228	494711	47.451	ng	96
83) Bis(2-ethylhexyl)phthalate	21.97	149	401218	52.799	ng	98
84) Di-n-octyl phthalate	23.31	149	676415	53.879	ng	# 89
85) Indeno(1,2,3-cd)pyrene	29.91	276	124147	10.419	ng	# 77
87) Benzo(b)fluoranthene	24.58	252	413465	7227.150	ng	# 95
88) Benzo(k)fluoranthene	24.65	252	170560	3016.058	ng	# 97
89) Benzo(a)pyrene	25.56	252	80787	1504.905	ng	# 94
90) Dibenzo(a,h)anthracene	29.91	278	310366	5706.946	ng	# 97
91) Benzo(g,h,i)perylene	31.14	276	72309	1383.507	ng	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.45 min Scan# 827

Delta R.T. -0.03 min

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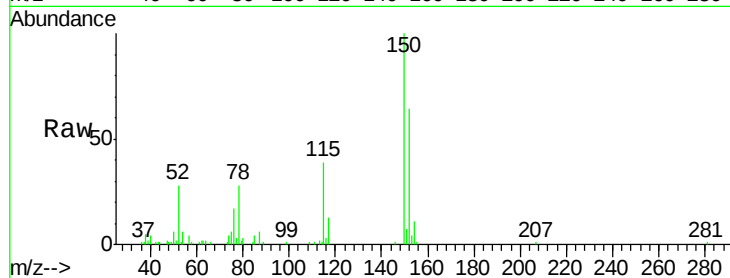
Tgt Ion:152 Resp: 24858

Ion Ratio Lower Upper

152 100

150 156.0 114.0 171.0

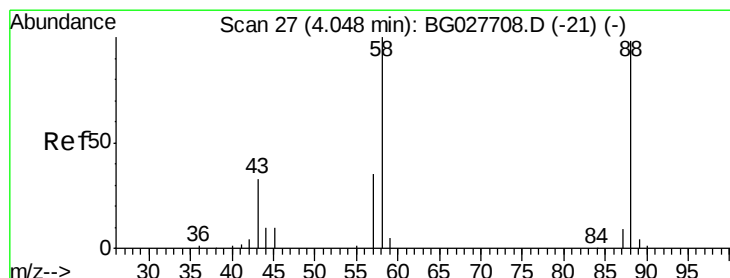
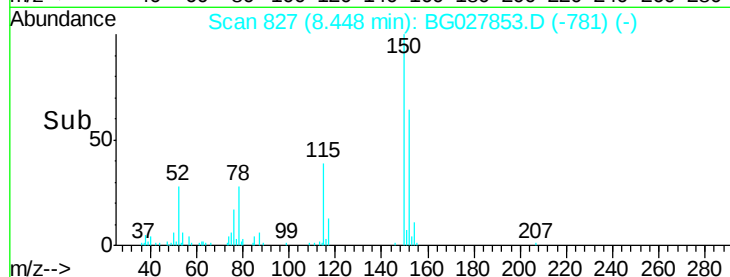
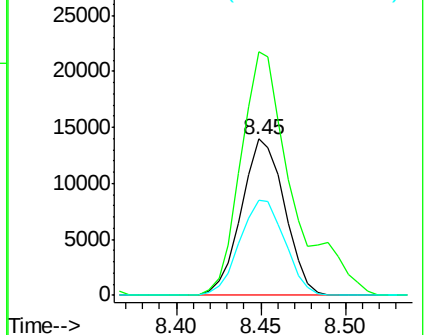
115 60.8 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.487 ng

RT: 4.02 min Scan# 73

Delta R.T. -0.03 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

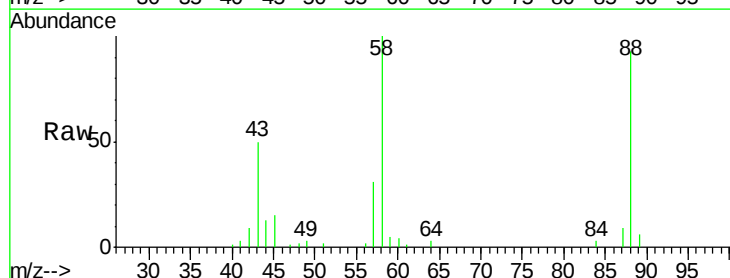
Tgt Ion: 88 Resp: 17722

Ion Ratio Lower Upper

88 100

58 112.7 79.4 119.2

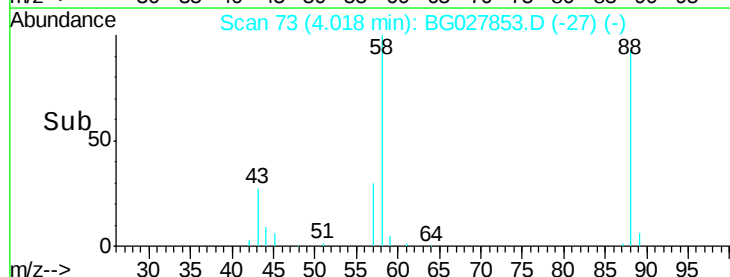
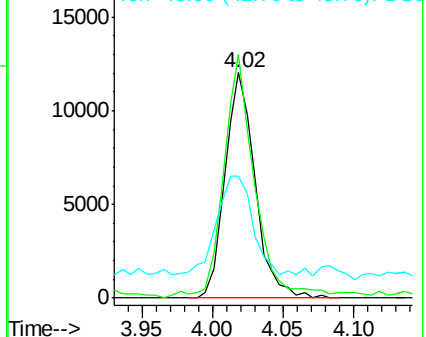
43 53.7 33.8 50.6#

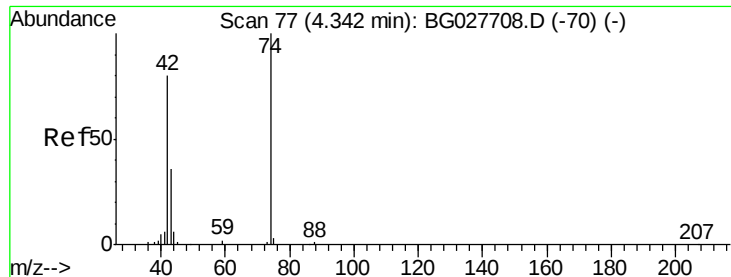


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



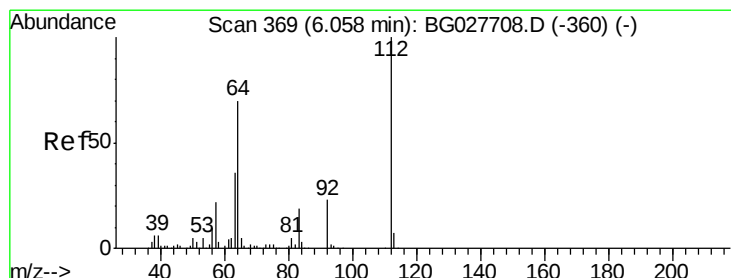
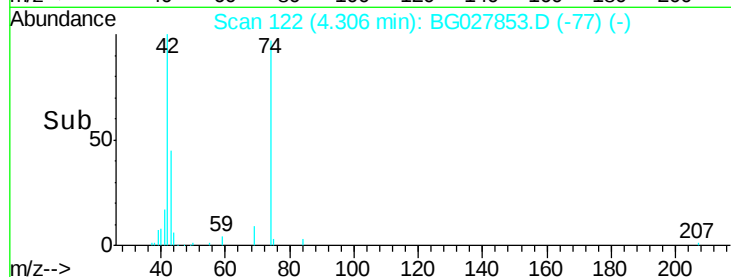
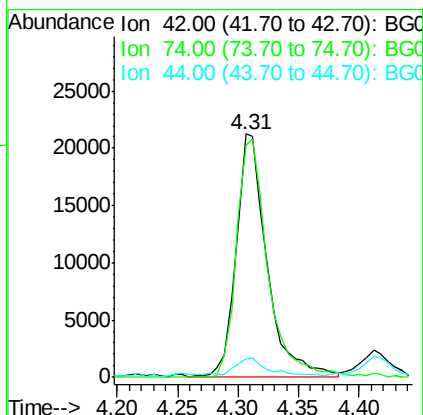
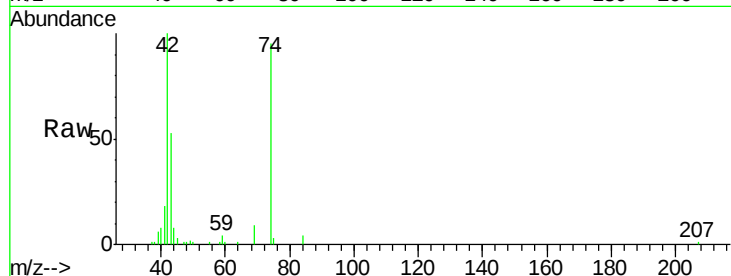


#4

n-Nitrosodimethylamine
 Concen: 41.952 ng
 RT: 4.31 min Scan# 122
 Delta R.T. -0.04 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

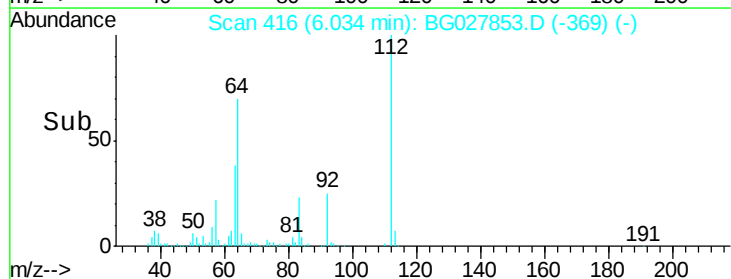
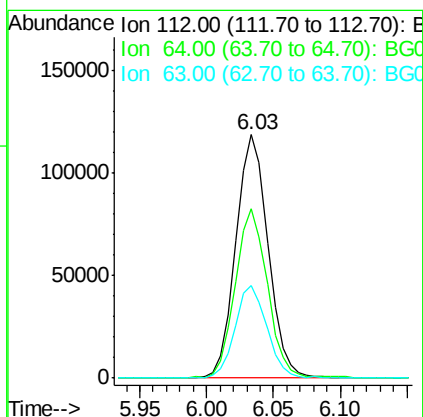
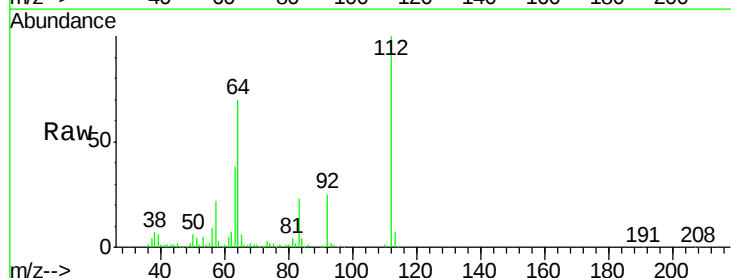
Tgt Ion: 42 Resp: 38072
 Ion Ratio Lower Upper
 42 100
 74 95.3 76.7 115.1
 44 7.7 6.1 9.1

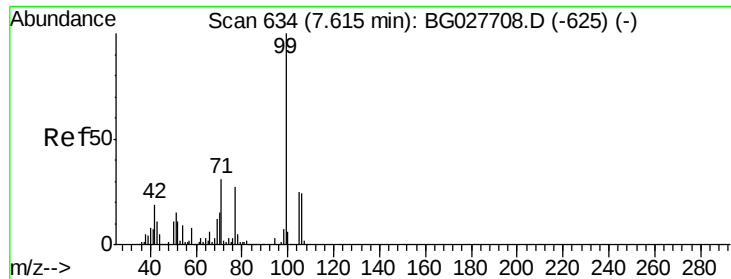


#5

2-Fluorophenol
 Concen: 123.472 ng
 RT: 6.03 min Scan# 416
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Tgt Ion: 112 Resp: 199315
 Ion Ratio Lower Upper
 112 100
 64 69.8 61.8 92.6
 63 38.1 37.2 55.8





#7

Phenol-d6

Concen: 85.011 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

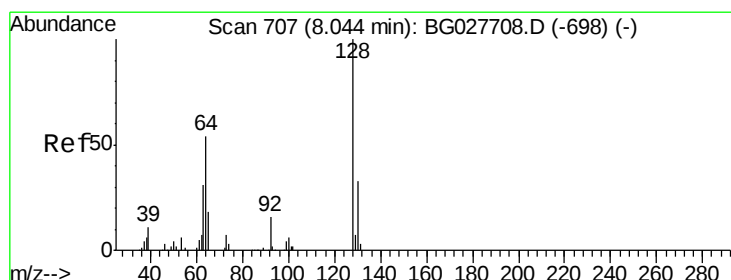
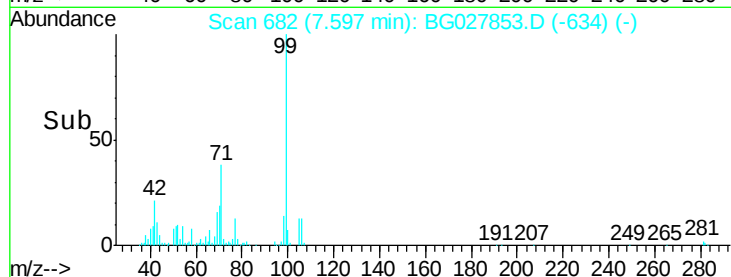
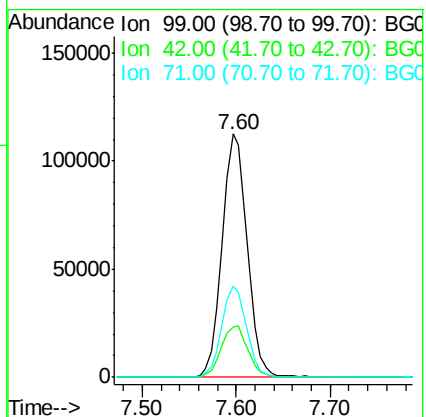
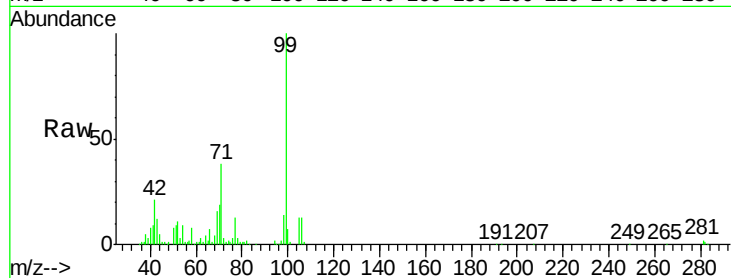
Tgt Ion: 99 Resp: 209643

Ion Ratio Lower Upper

99 100

42 20.6 20.5 30.7

71 37.8 37.6 56.4



#8

2-Chlorophenol

Concen: 44.880 ng

RT: 8.02 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

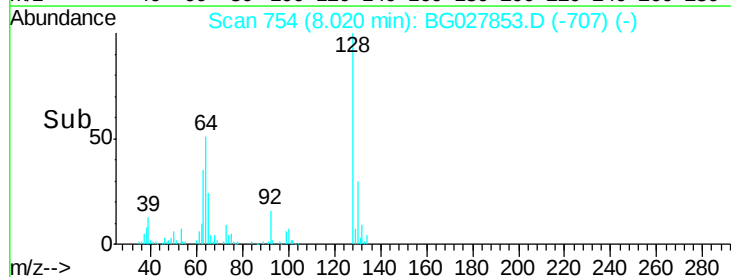
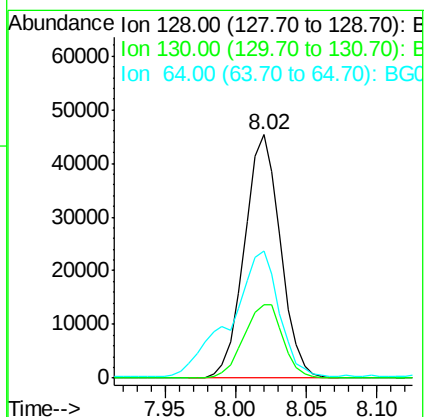
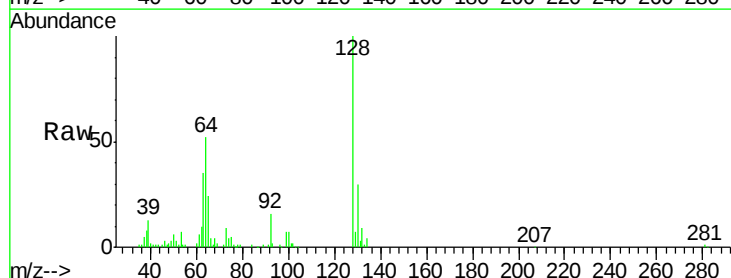
Tgt Ion: 128 Resp: 80957

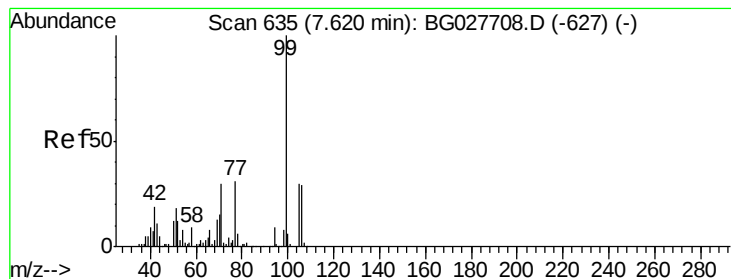
Ion Ratio Lower Upper

128 100

130 30.1 11.4 51.4

64 52.1 46.6 86.6





#9

Benzaldehyde

Concen: 19.527 ng

RT: 7.59 min Scan# 681

Delta R.T. -0.03 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

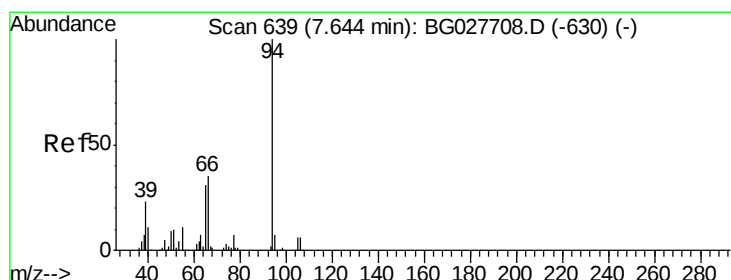
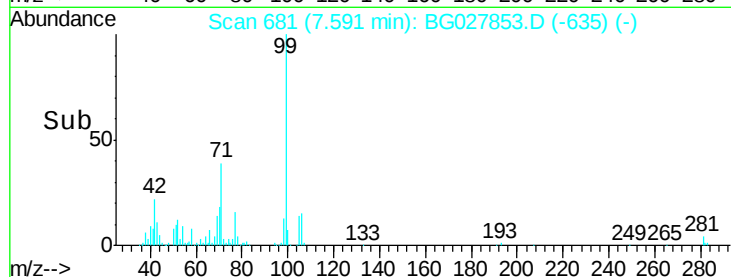
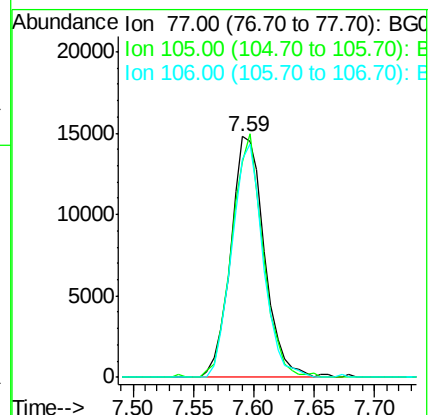
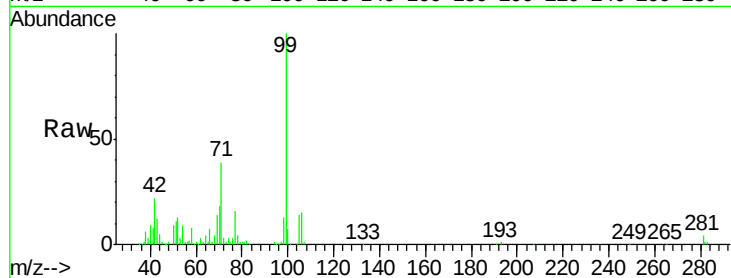
Tgt Ion: 77 Resp: 28655

Ion Ratio Lower Upper

77 100

105 89.8 60.9 100.9

106 90.7 55.1 95.1



#10

Phenol

Concen: 31.297 ng

RT: 7.63 min Scan# 687

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

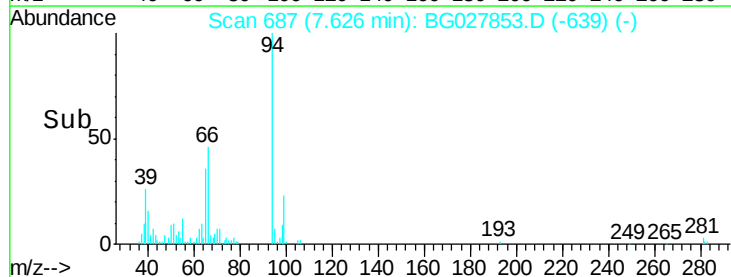
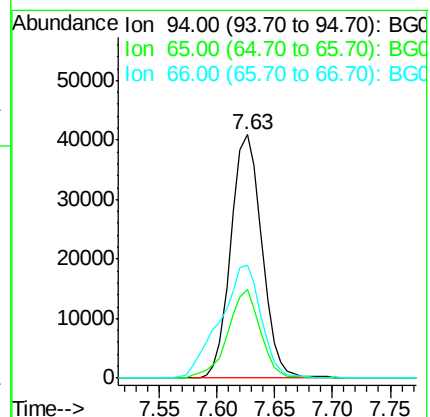
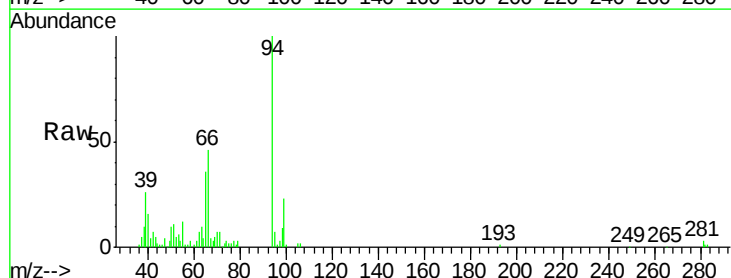
Tgt Ion: 94 Resp: 76360

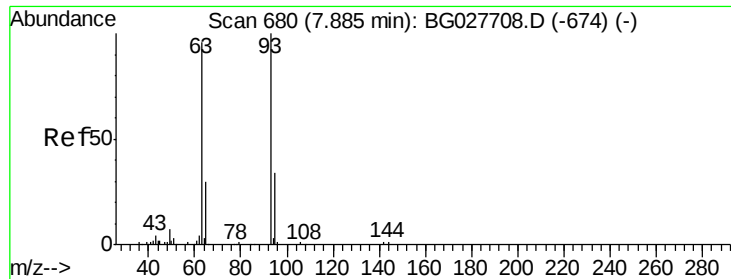
Ion Ratio Lower Upper

94 100

65 36.2 20.6 60.6

66 46.4 35.5 75.5

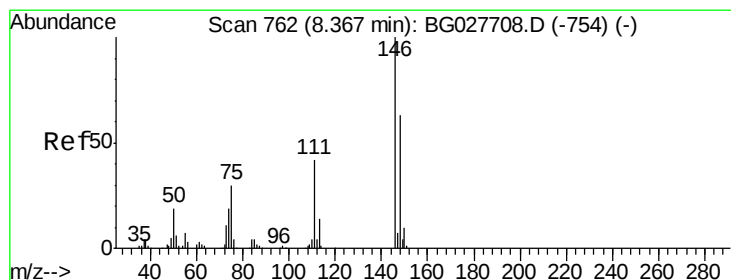
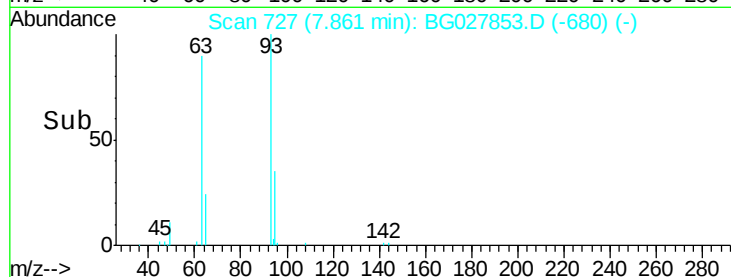
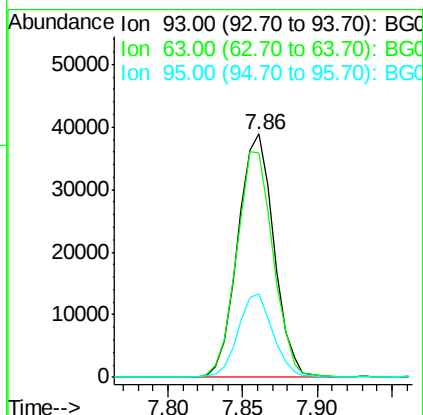
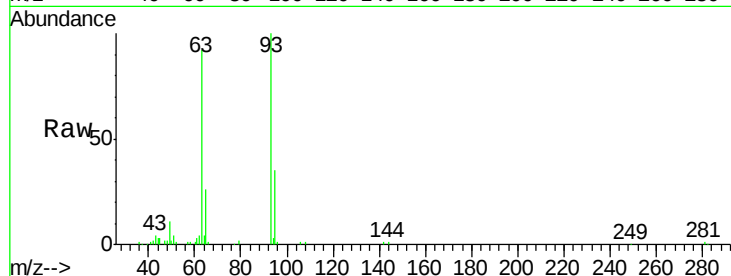




#11
bis(2-Chloroethyl)ether
Concen: 35.056 ng
RT: 7.86 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

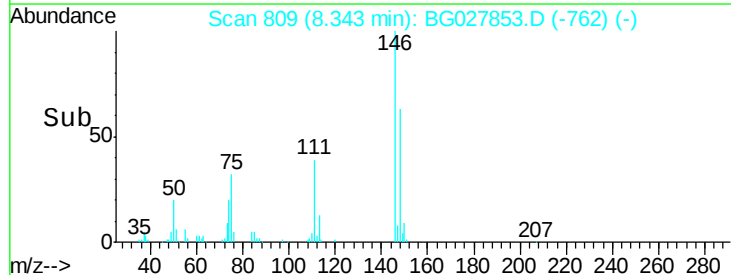
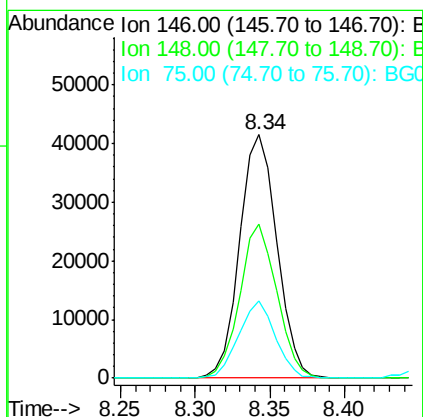
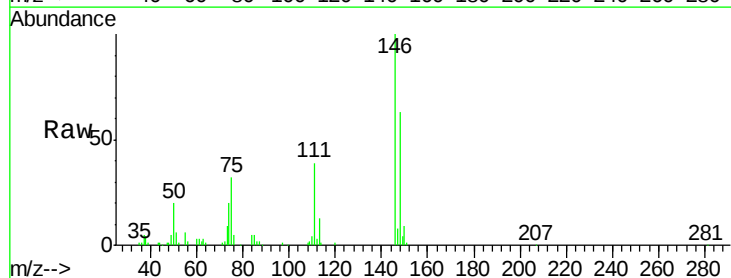
Instrument :
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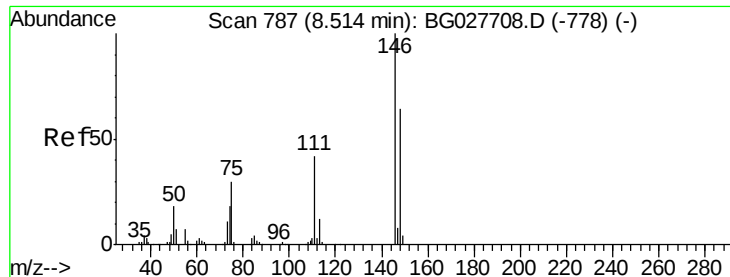
Tgt Ion: 93 Resp: 64968
Ion Ratio Lower Upper
93 100
63 92.1 78.5 118.5
95 34.6 9.8 49.8



#12
1,3-Dichlorobenzene
Concen: 37.406 ng
RT: 8.34 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion: 146 Resp: 71772
Ion Ratio Lower Upper
146 100
148 63.0 49.2 73.8
75 31.6 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 37.281 ng

RT: 8.48 min Scan# 833

Delta R.T. -0.03 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

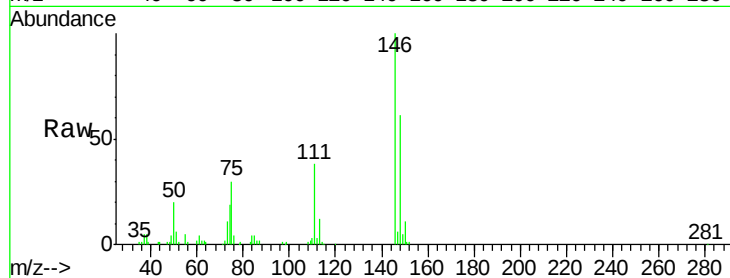
Tgt Ion:146 Resp: 74118

Ion Ratio Lower Upper

146 100

148 61.4 52.2 78.2

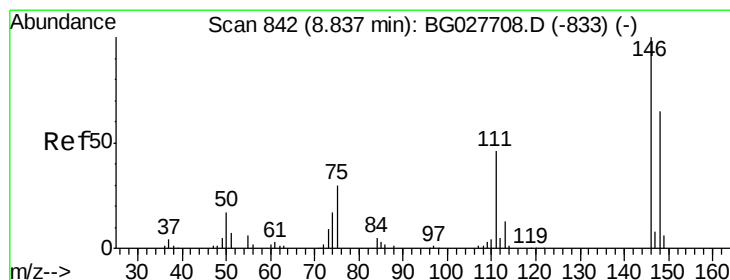
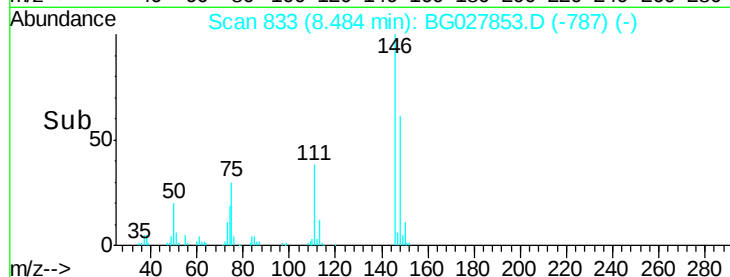
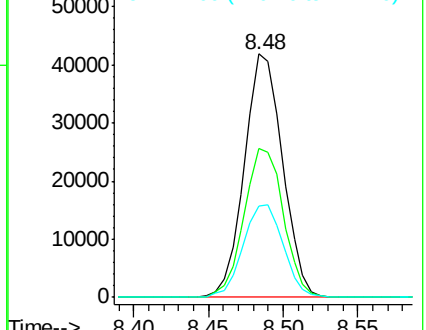
111 37.7 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.029 ng

RT: 8.81 min Scan# 889

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

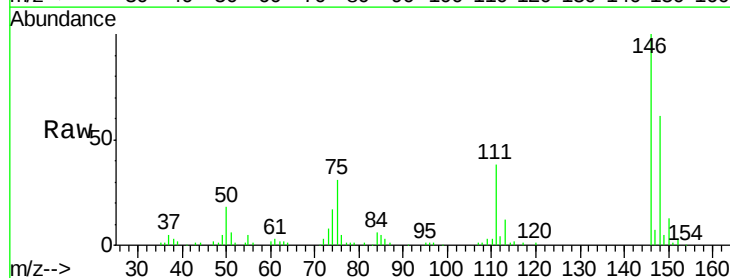
Tgt Ion:146 Resp: 75235

Ion Ratio Lower Upper

146 100

148 60.9 54.6 81.8

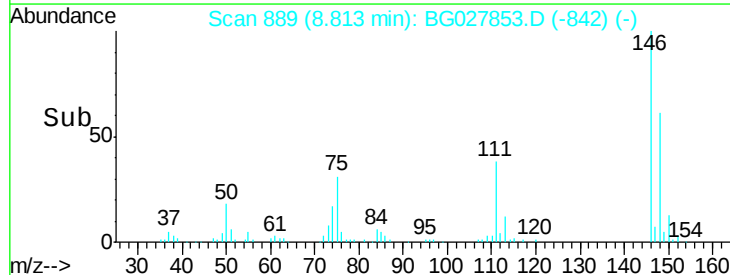
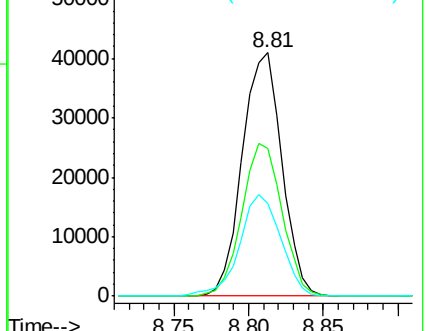
111 37.9 39.7 59.5#

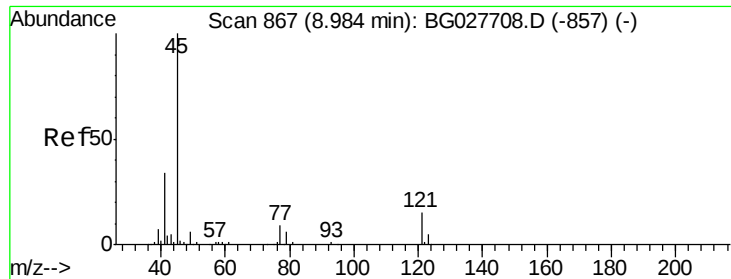


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

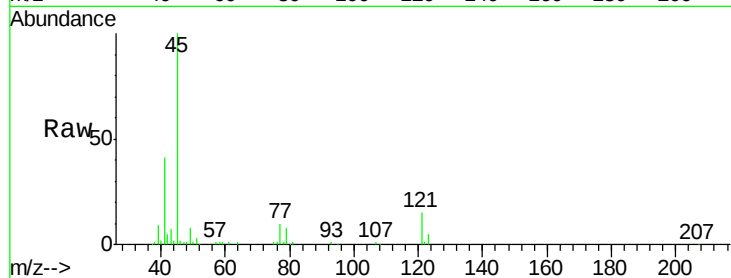




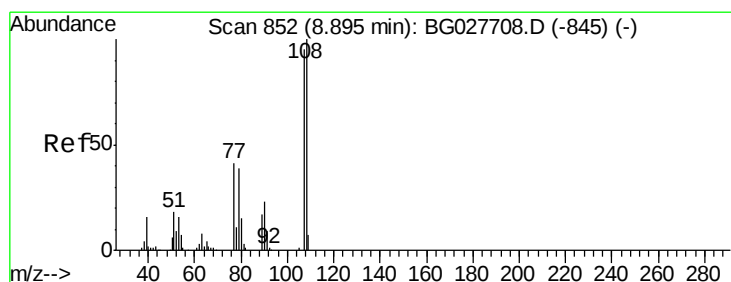
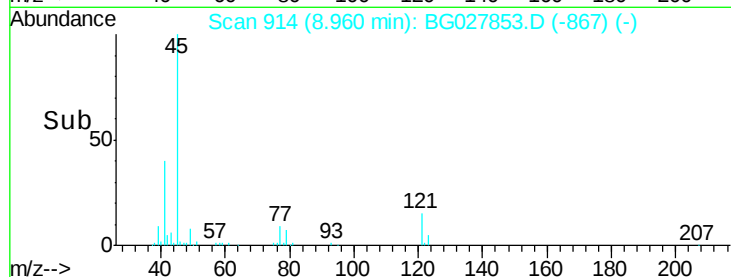
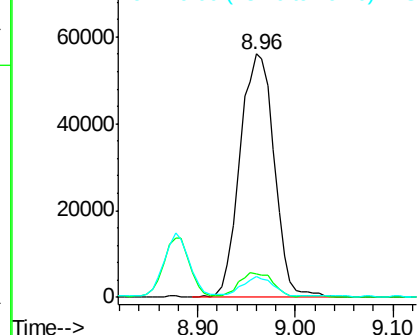
#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.490 ng
RT: 8.96 min Scan# 914
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.5	0.0	30.6
79	8.4	0.0	28.5

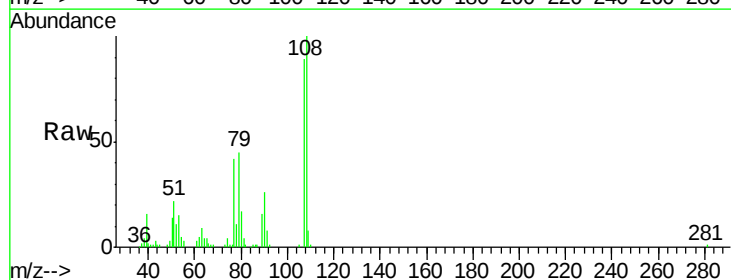


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

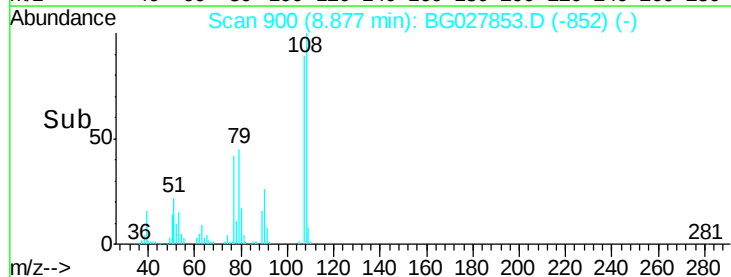
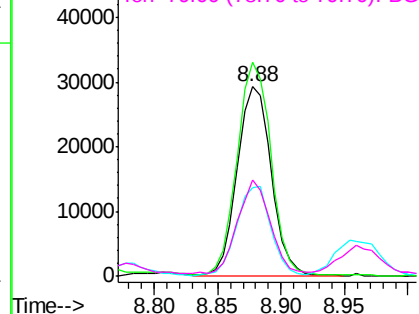


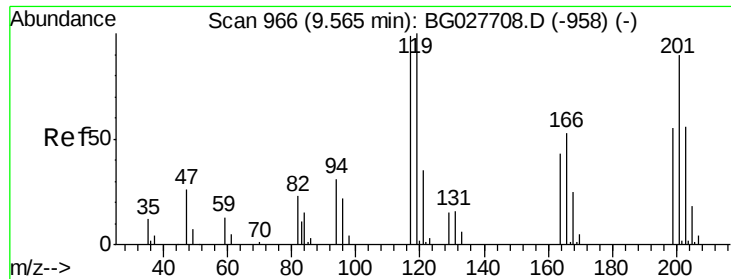
#17
2-Methylphenol
Concen: 31.744 ng
RT: 8.88 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.0	85.6	128.4
77	47.0	51.4	77.2#
79	51.0	49.2	73.8



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

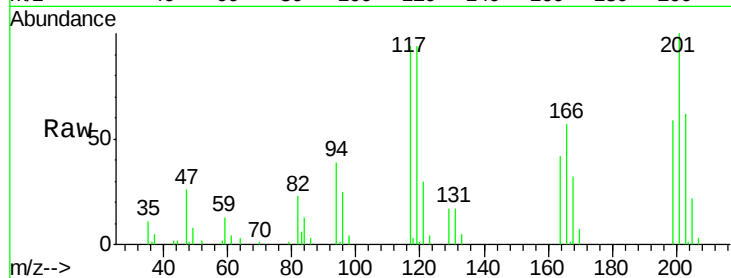




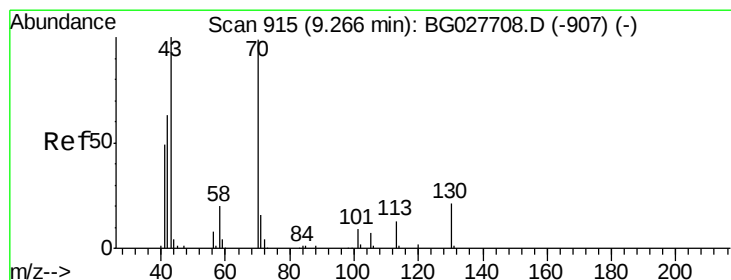
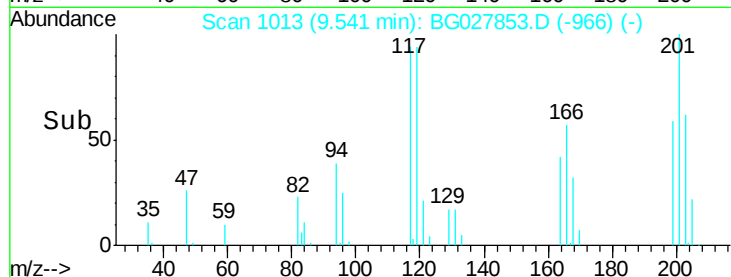
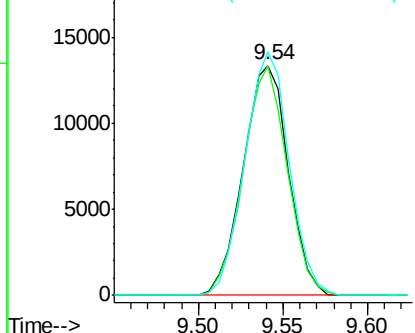
#18
Hexachloroethane
Concen: 35.477 ng
RT: 9.54 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

Tgt Ion: 117 Resp: 24810
Ion Ratio Lower Upper
117 100
119 99.9 69.8 104.6
201 106.0 95.4 143.0

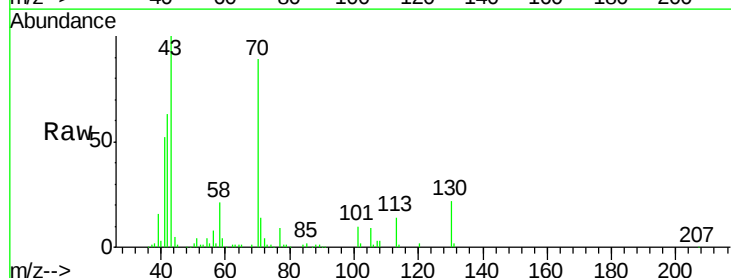


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

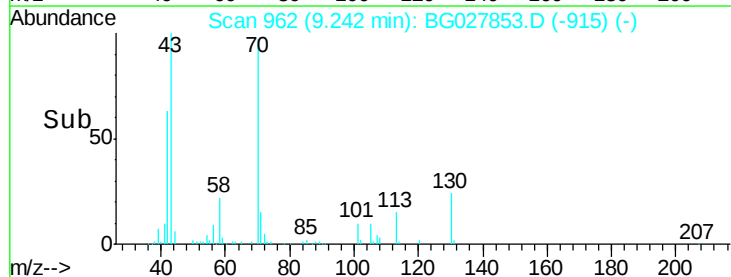
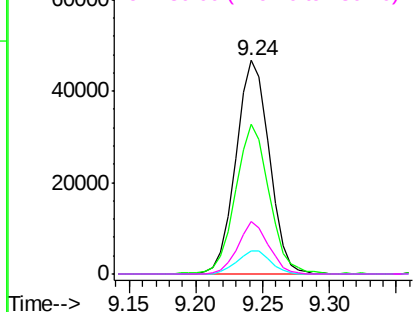


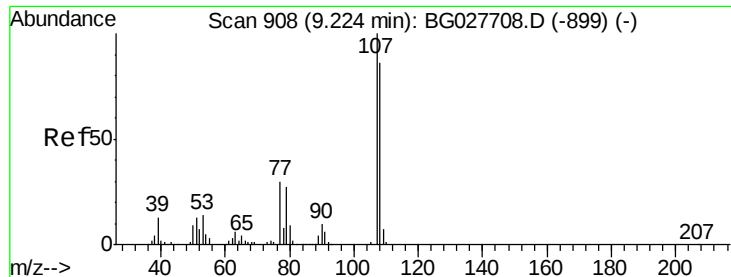
#19
n-Nitroso-di-n-propylamine
Concen: 44.776 ng
RT: 9.24 min Scan# 962
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion: 70 Resp: 80334
Ion Ratio Lower Upper
70 100
42 70.4 56.1 84.1
101 10.8 7.5 11.3
130 24.8 14.6 21.8#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

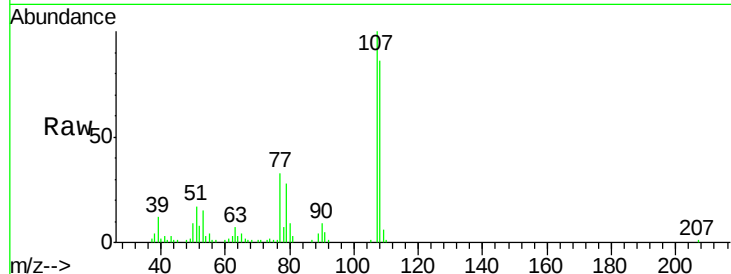




#20
3+4-Methylphenols
Concen: 28.691 ng
RT: 9.21 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

Tgt Ion:	107	Resp:	71419
Ion	Ratio	Lower	Upper
107	100		
108	86.1	70.8	110.8
77	33.3	25.8	65.8
79	28.4	20.1	60.1



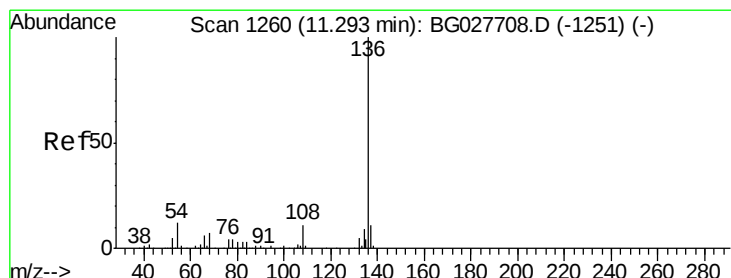
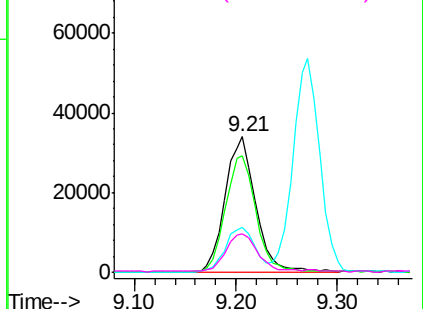
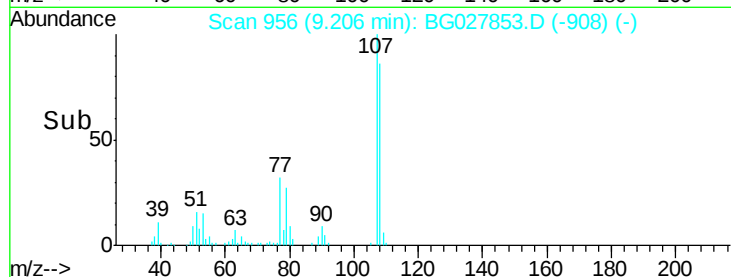
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

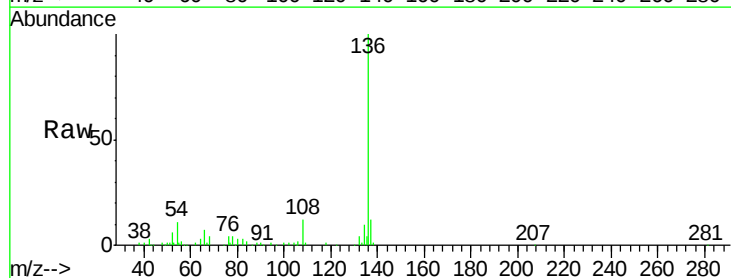
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion:	136	Resp:	120423
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.9	13.3
54	10.6	9.3	13.9
68	4.2	5.1	7.7#



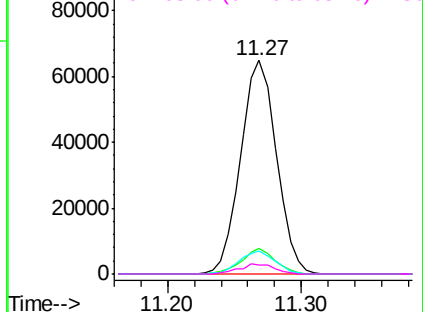
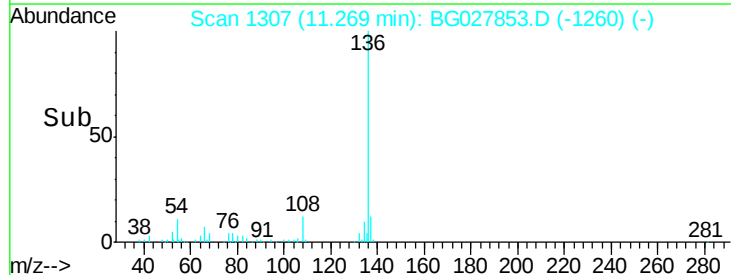
Abundance

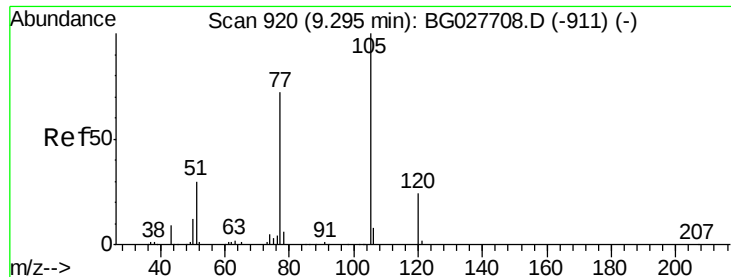
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 42.790 ng

RT: 9.27 min Scan# 967

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

Tgt Ion:105 Resp: 124343

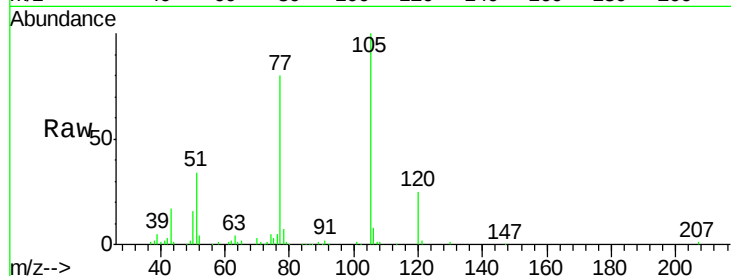
Ion Ratio Lower Upper

105 100

71 0.5 0.9 1.3#

51 33.9 34.0 51.0#

120 24.5 17.3 25.9

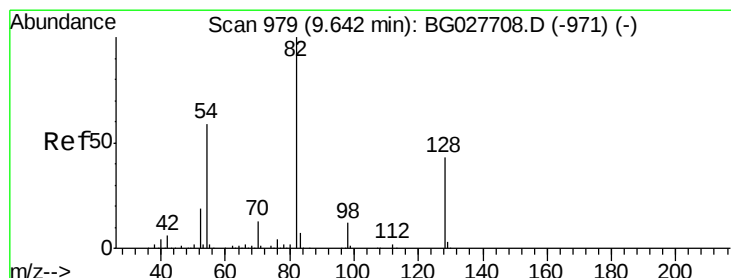
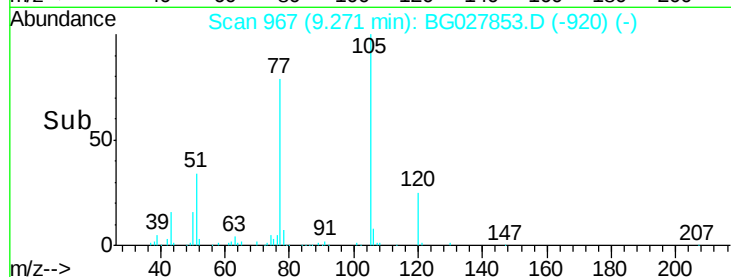
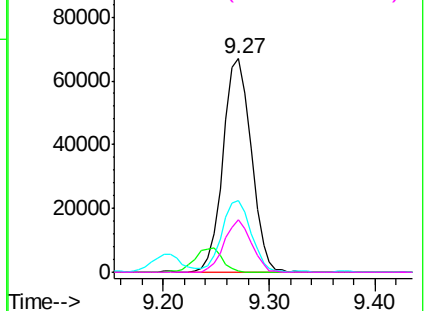


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 85.805 ng

RT: 9.62 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

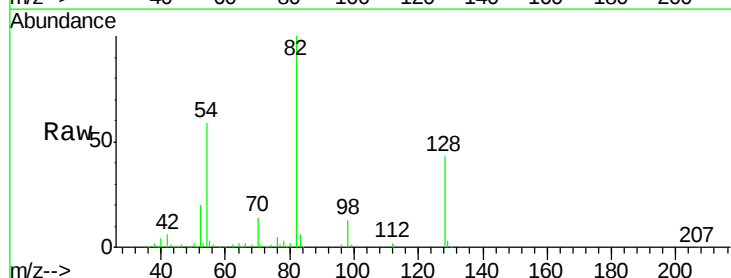
Tgt Ion: 82 Resp: 185375

Ion Ratio Lower Upper

82 100

128 42.7 26.4 39.6#

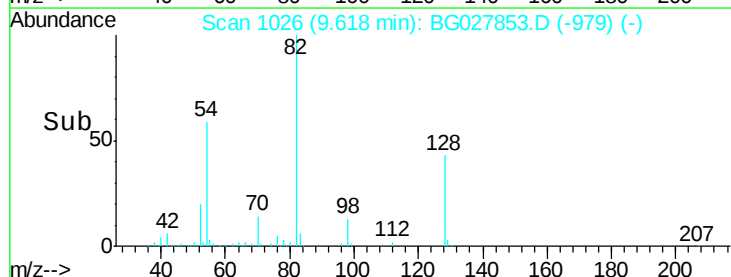
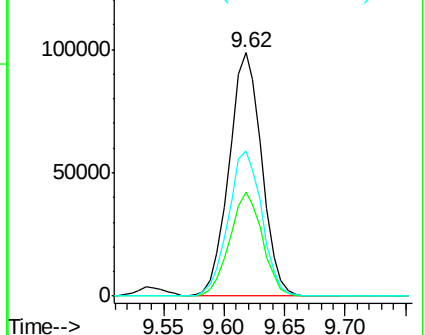
54 59.3 49.4 74.2

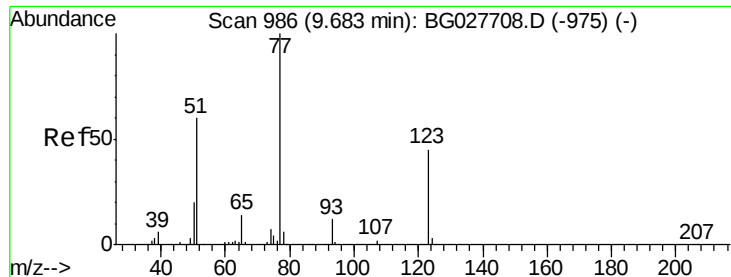


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 40.476 ng

RT: 9.66 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

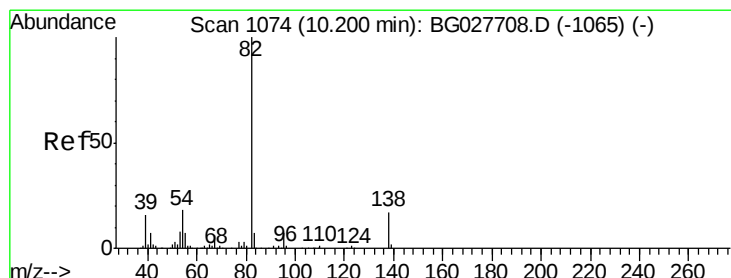
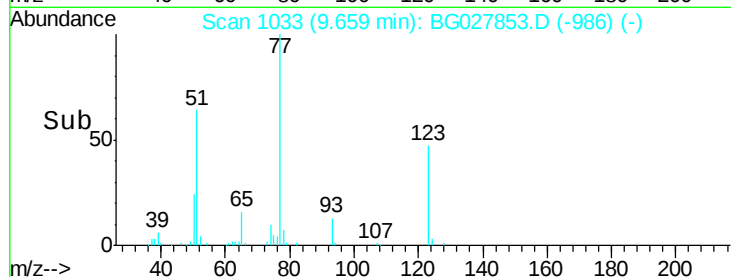
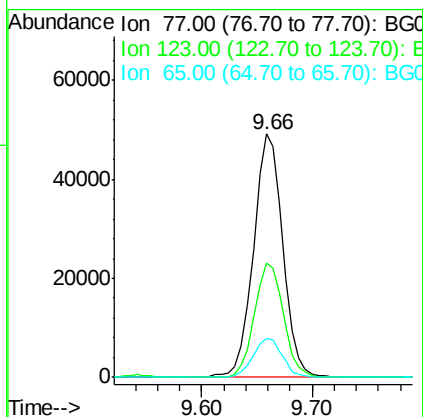
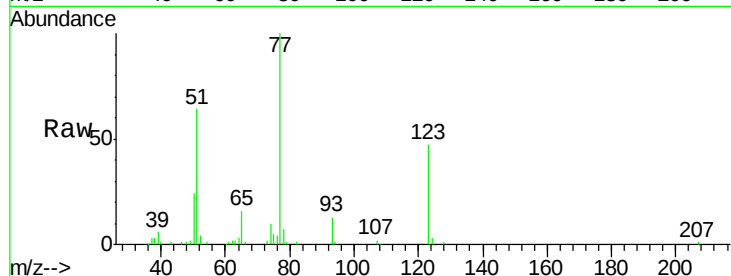
Tgt Ion: 77 Resp: 91422

Ion Ratio Lower Upper

77 100

123 46.8 26.1 39.1#

65 15.8 12.4 18.6



#25

Isophorone

Concen: 45.938 ng

RT: 10.18 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

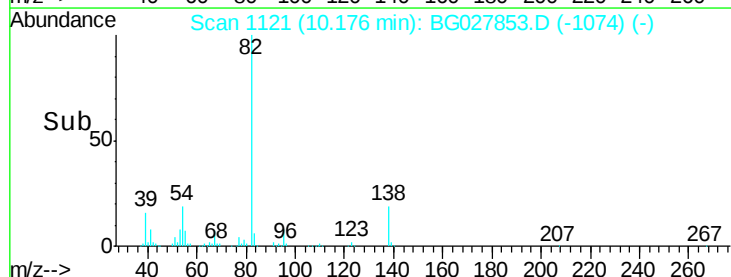
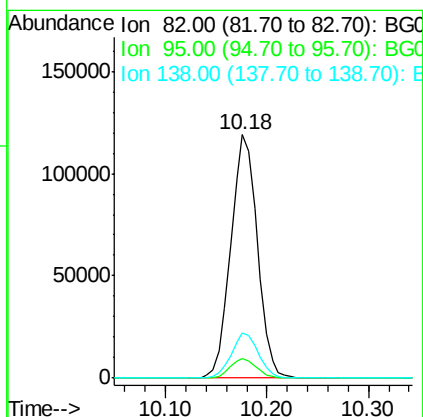
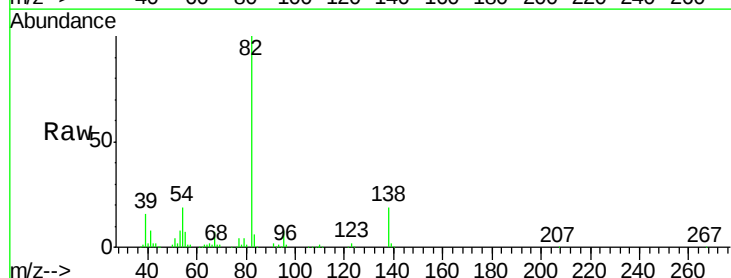
Tgt Ion: 82 Resp: 216327

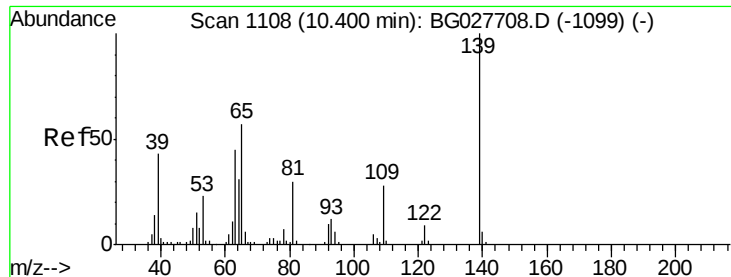
Ion Ratio Lower Upper

82 100

95 8.1 7.5 11.3

138 18.8 12.3 18.5#

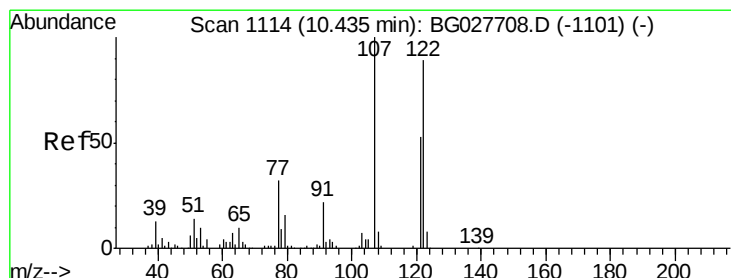
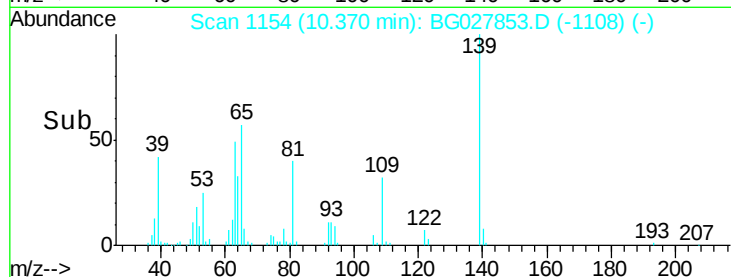
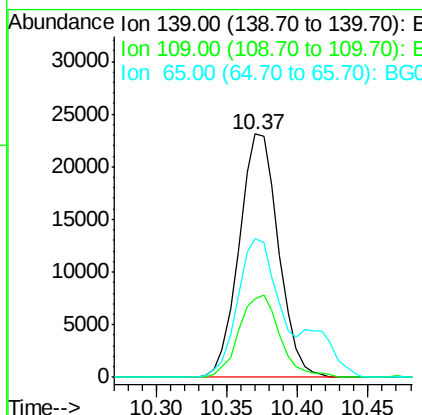
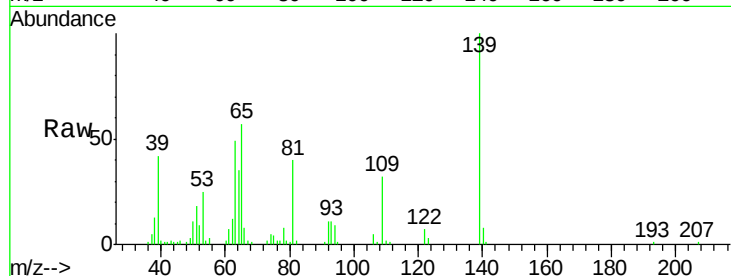




#26
2-Nitrophenol
Concen: 44.204 ng
RT: 10.37 min Scan# 1154
Delta R.T. -0.03 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

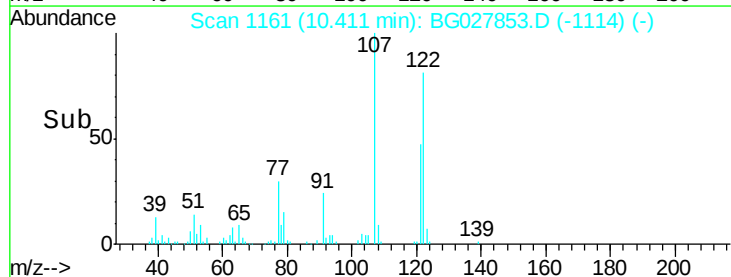
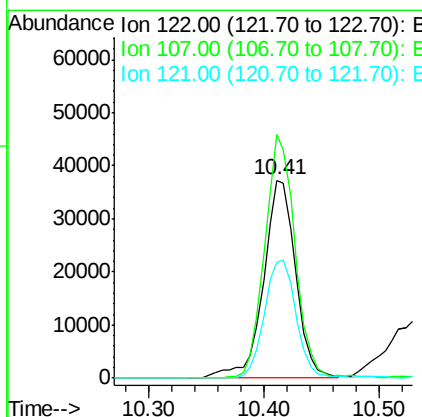
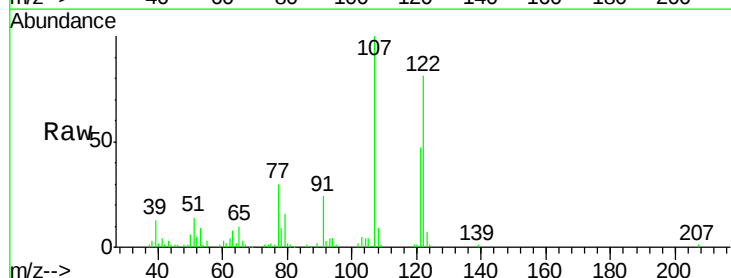
Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

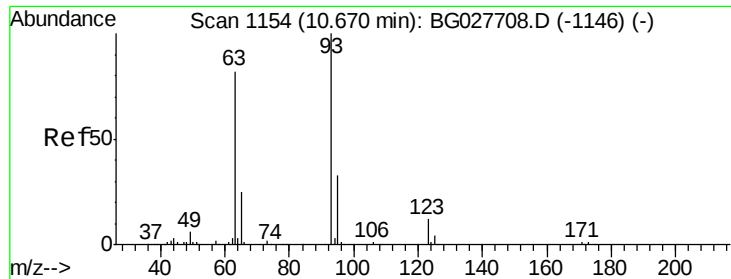
Tgt Ion:139 Resp: 45098
Ion Ratio Lower Upper
139 100
109 32.0 38.6 58.0#
65 56.9 57.1 85.7#



#27
2,4-Dimethylphenol
Concen: 37.894 ng
RT: 10.41 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion:122 Resp: 72410
Ion Ratio Lower Upper
122 100
107 123.2 104.2 156.4
121 58.2 46.0 69.0

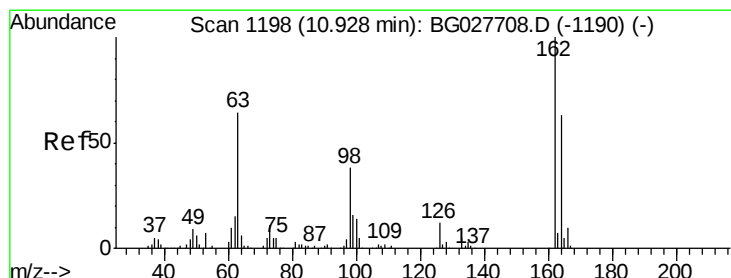
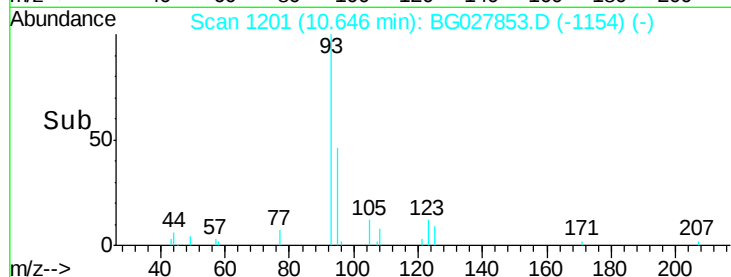
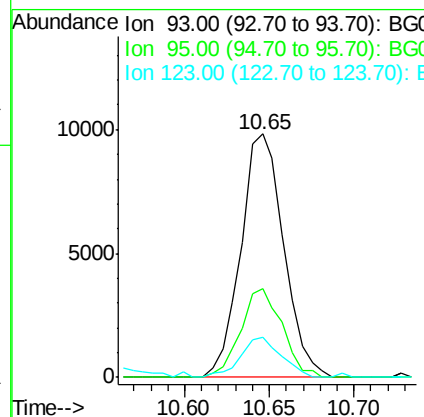
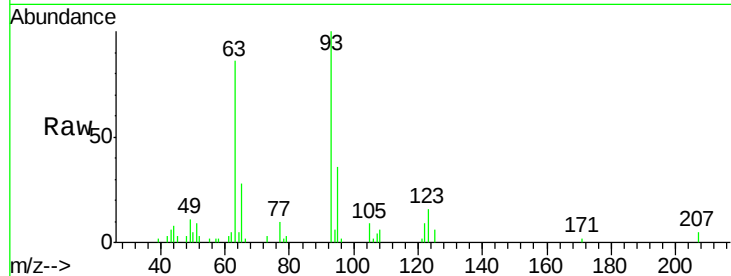




#28
bis(2-Chloroethoxy)methane
Concen: 6.486 ng
RT: 10.65 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

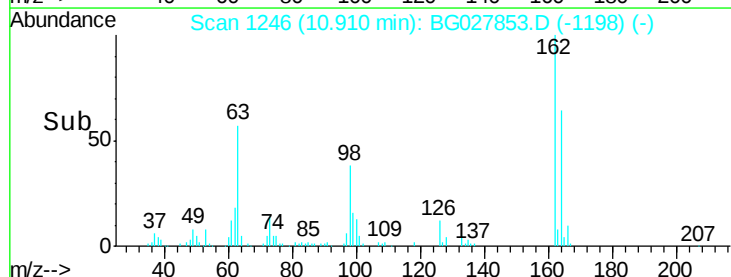
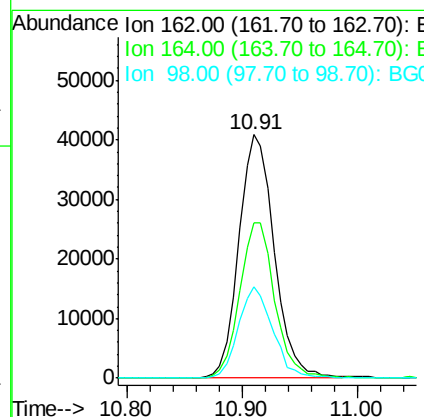
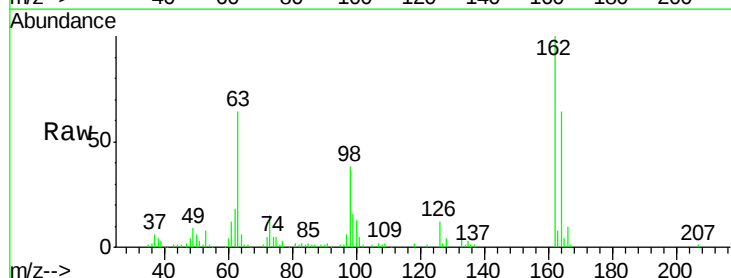
Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

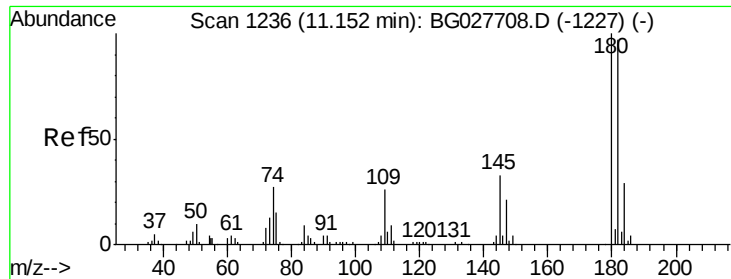
Tgt Ion: 93 Resp: 17315
Ion Ratio Lower Upper
93 100
95 36.4 25.7 38.5
123 16.3 8.3 12.5#



#29
2,4-Dichlorophenol
Concen: 51.862 ng
RT: 10.91 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion: 162 Resp: 86849
Ion Ratio Lower Upper
162 100
164 64.0 42.4 82.4
98 37.6 20.3 60.3

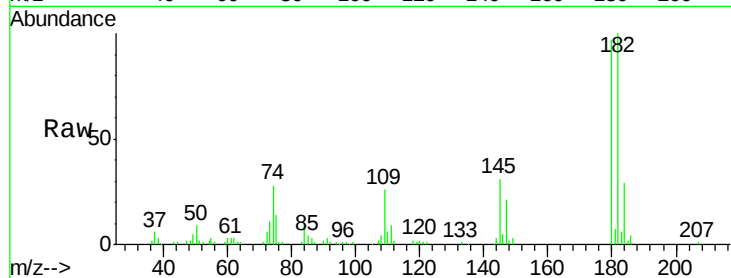




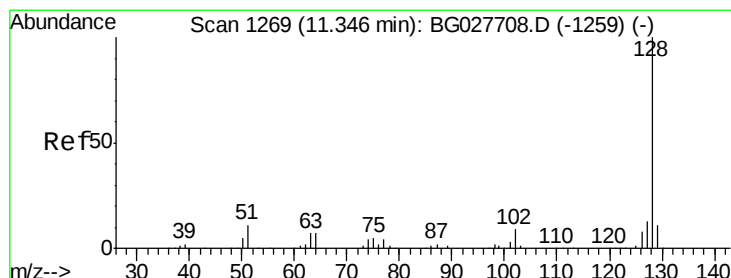
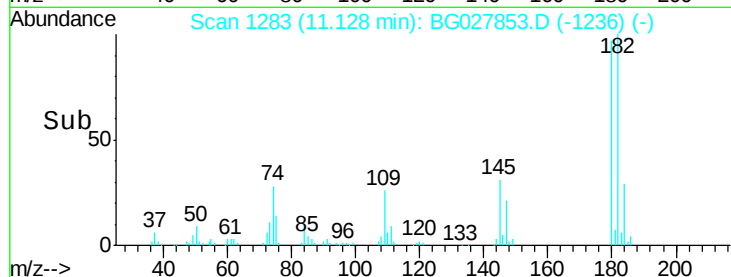
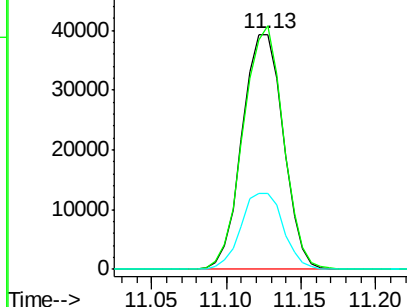
#30
1,2,4-Trichlorobenzene
Concen: 44.022 ng
RT: 11.13 min Scan# 1283
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

Tgt Ion:180 Resp: 75186
Ion Ratio Lower Upper
180 100
182 103.6 77.0 115.4
145 32.2 23.4 35.0

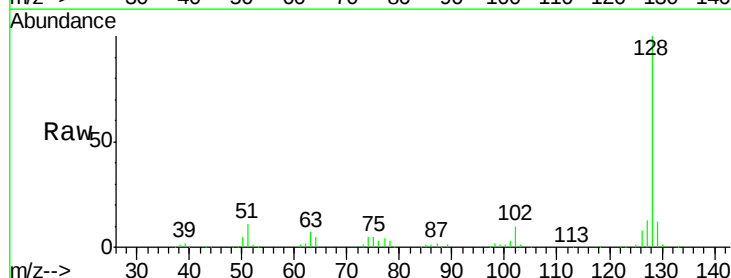


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

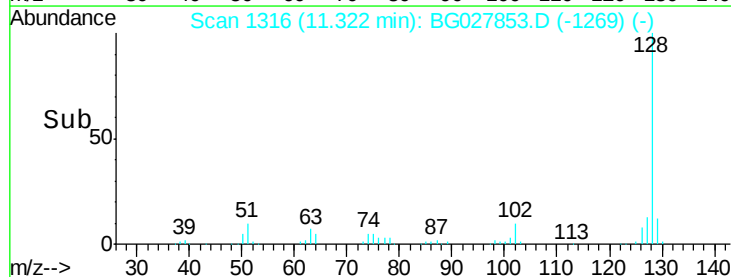
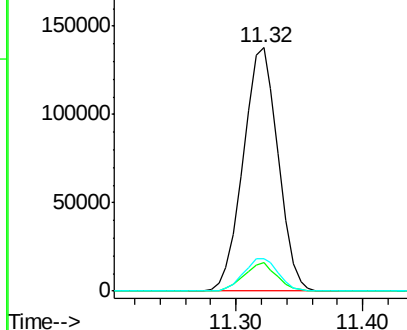


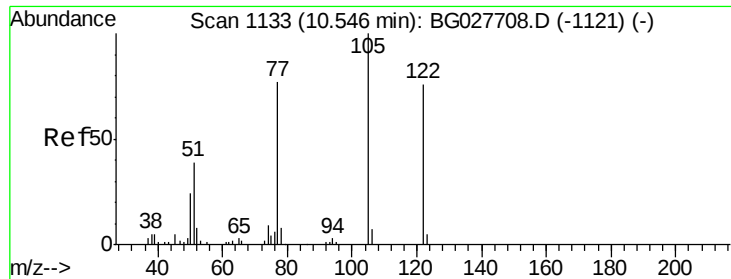
#31
Naphthalene
Concen: 41.056 ng
RT: 11.32 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion:128 Resp: 262924
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.3 11.4 17.0



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: 40.821 ng m

RT: 10.53 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

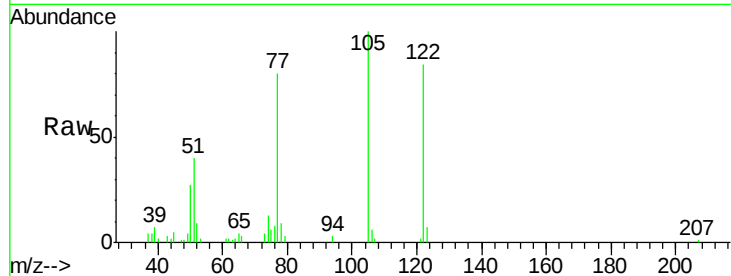
Tgt Ion:122 Resp: 45779

Ion Ratio Lower Upper

122 100

105 119.3 120.1 160.1#

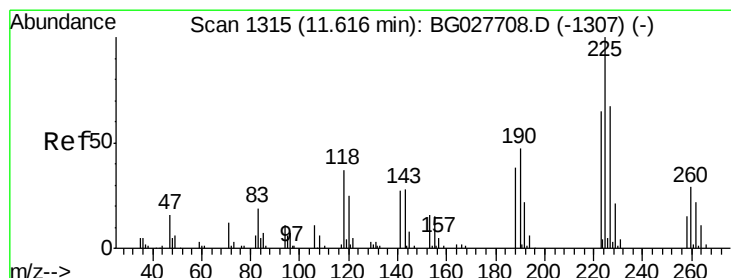
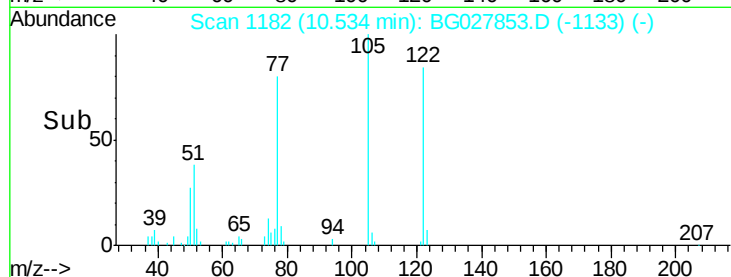
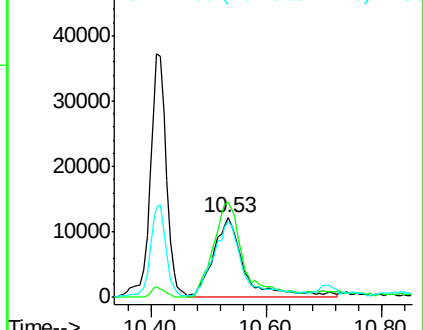
77 95.0 104.6 144.6#



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): BGC



#34

Hexachlorobutadiene

Concen: 47.091 ng

RT: 11.59 min Scan# 1362

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

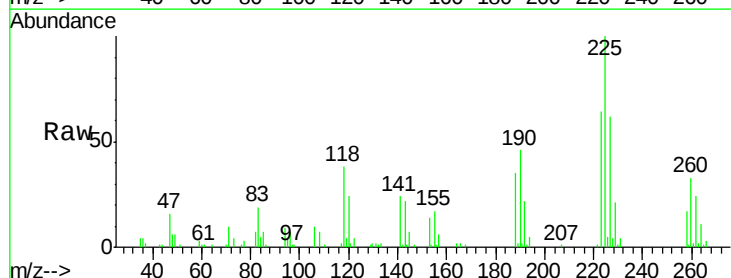
Tgt Ion:225 Resp: 44813

Ion Ratio Lower Upper

225 100

223 64.1 50.7 76.1

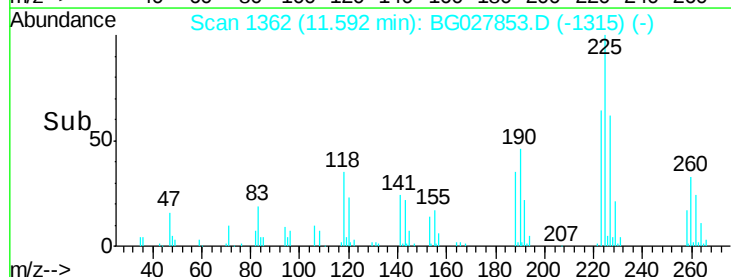
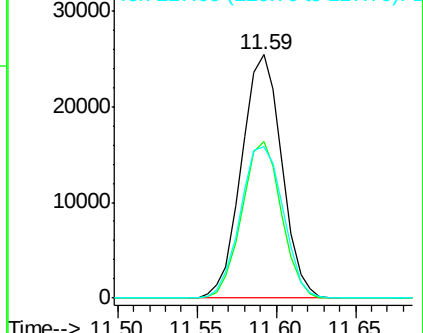
227 62.3 49.0 73.6

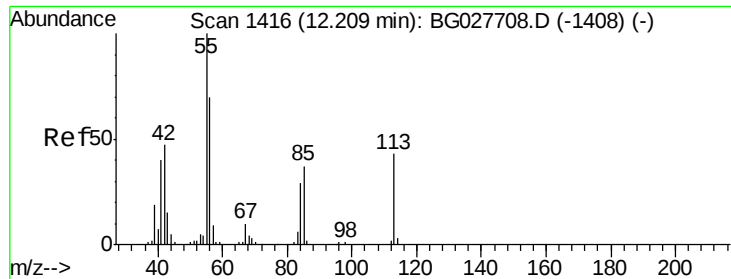


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.500 ng

RT: 12.30 min Scan# 1482

Delta R.T. 0.09 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

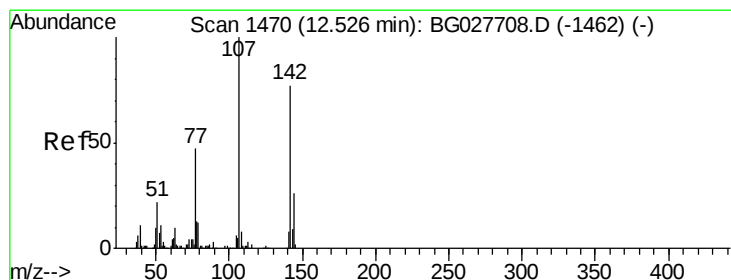
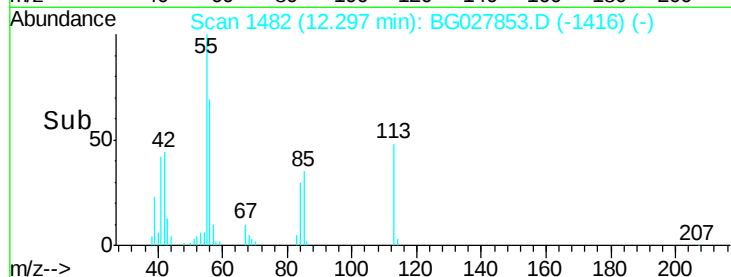
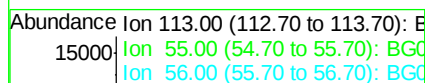
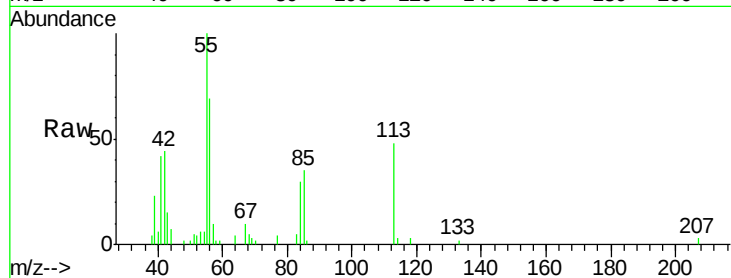
Tgt Ion:113 Resp: 25690

Ion Ratio Lower Upper

113 100

55 208.0 198.6 238.6

56 142.7 140.4 180.4



#36

4-Chloro-3-methylphenol

Concen: 39.466 ng

RT: 12.51 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

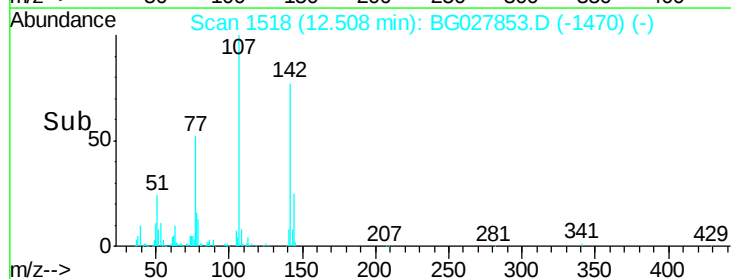
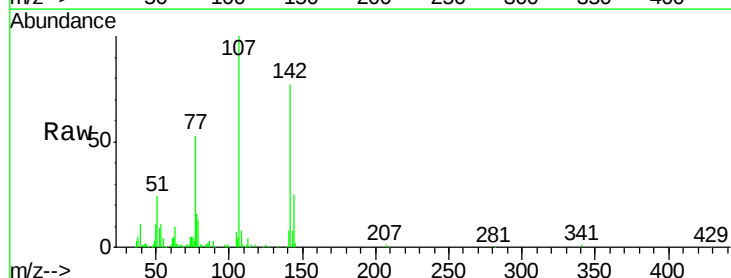
Tgt Ion:107 Resp: 92999

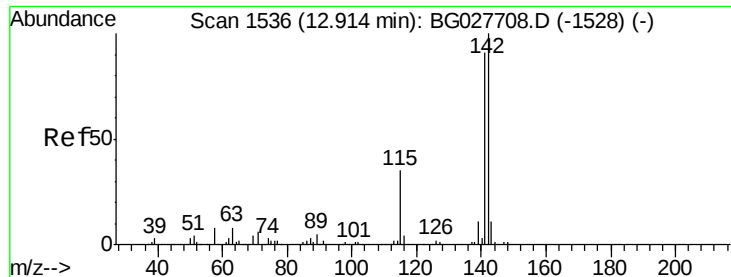
Ion Ratio Lower Upper

107 100

144 24.8 17.4 26.0

142 77.2 54.1 81.1

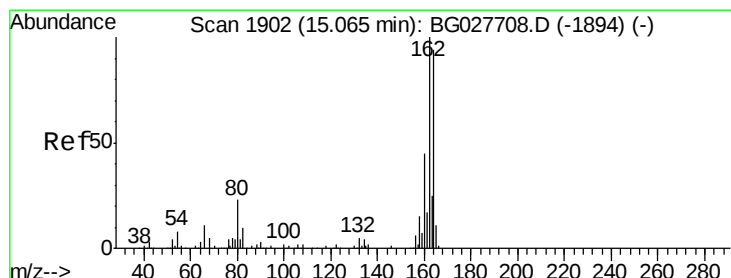
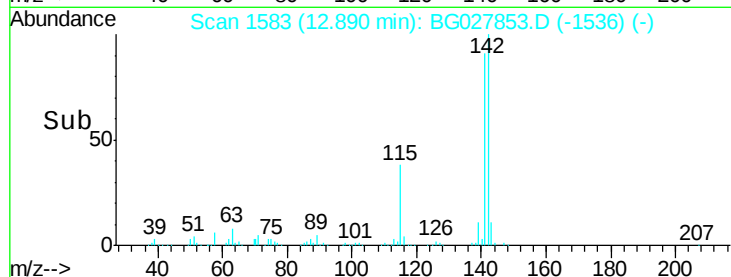
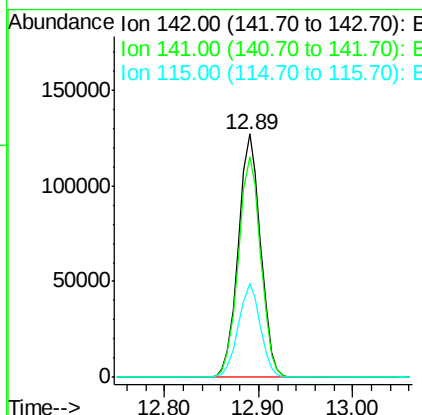
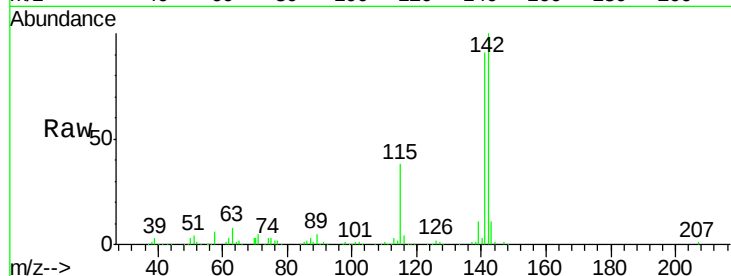




#37
 2-Methylnaphthalene
 Concen: 43.709 ng
 RT: 12.89 min Scan# 1583
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

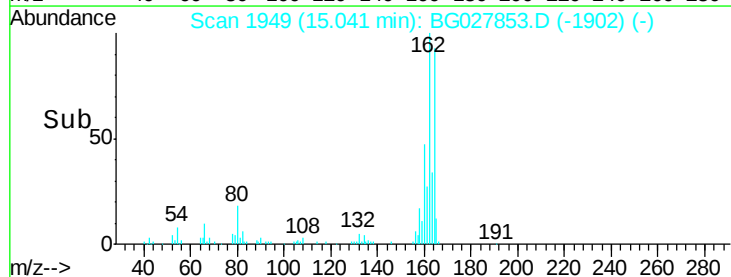
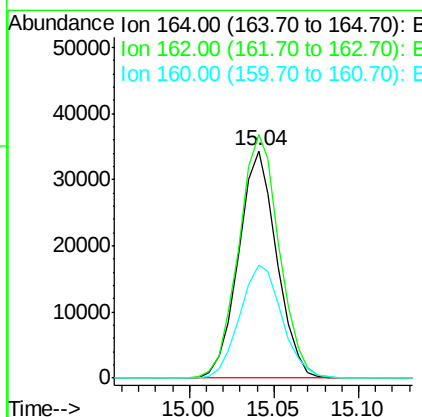
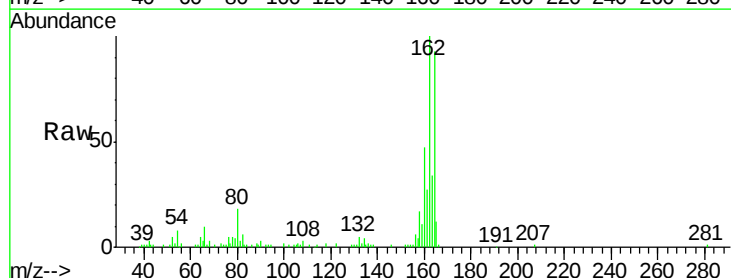
Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

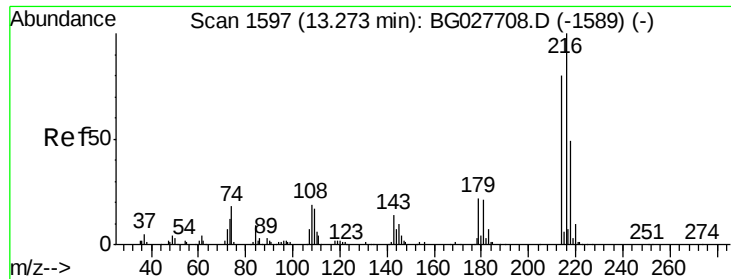
Tgt Ion:142 Resp: 208488
 Ion Ratio Lower Upper
 142 100
 141 90.6 70.4 105.6
 115 38.4 35.5 53.3



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.04 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Tgt Ion:164 Resp: 53874
 Ion Ratio Lower Upper
 164 100
 162 107.0 85.1 127.7
 160 49.8 34.7 52.1

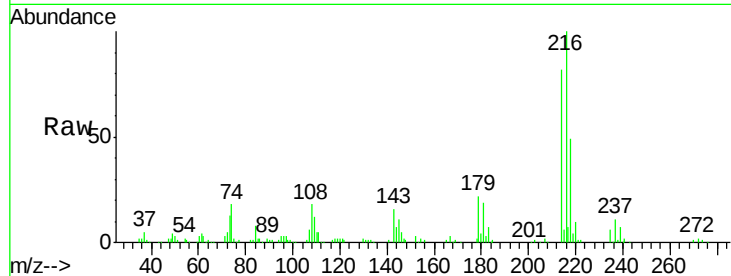




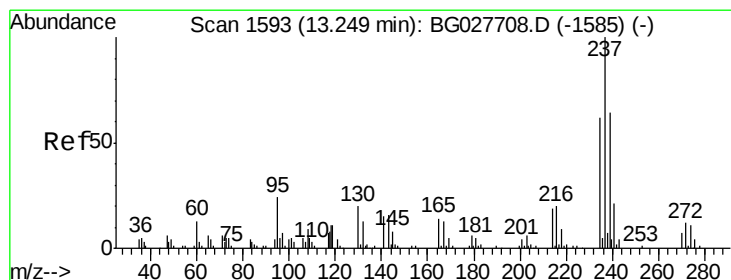
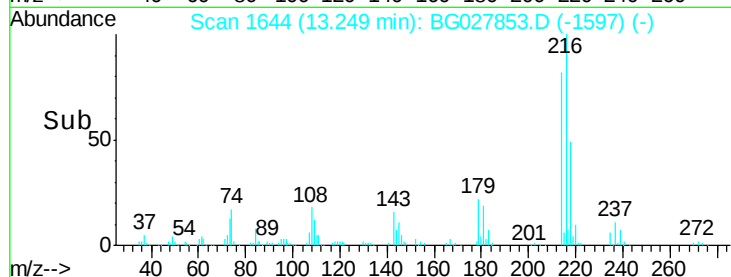
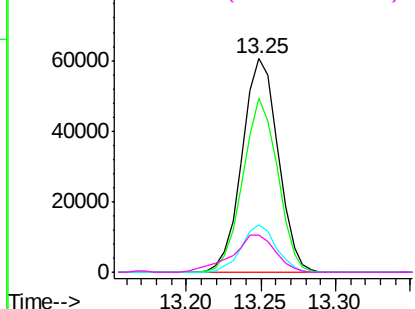
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 71.236 ng
 RT: 13.25 min Scan# 1644
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

Tgt Ion:	216	Resp:	100849
Ion	Ratio	Lower	Upper
216	100		
214	78.6	64.4	96.6
179	21.7	17.4	26.0
108	21.1	15.6	23.4

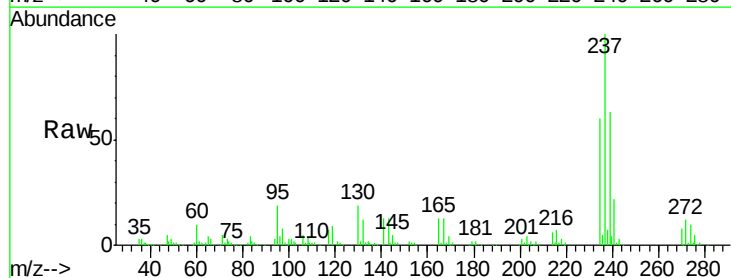


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

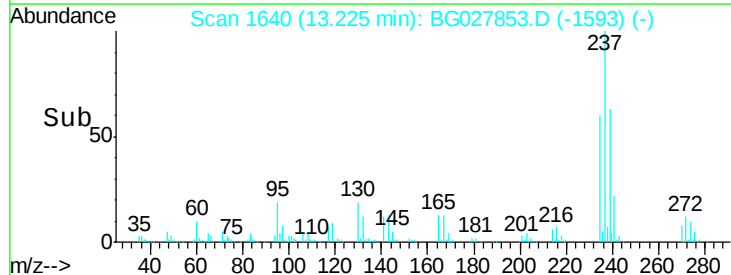
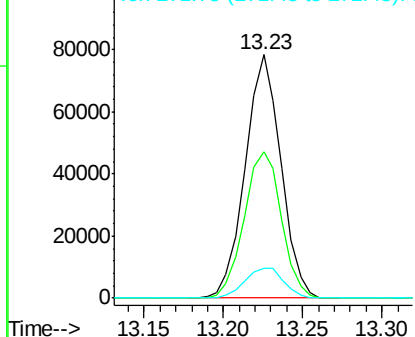


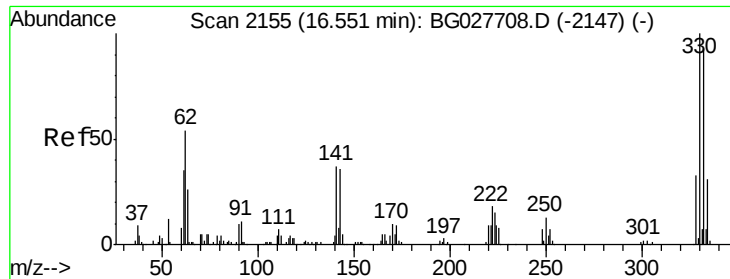
#40
 Hexachlorocyclopentadiene
 Concen: 183.519 ng
 RT: 13.23 min Scan# 1640
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Tgt Ion:	237	Resp:	122495
Ion	Ratio	Lower	Upper
237	100		
235	60.2	39.4	79.4
272	12.3	0.0	32.0



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

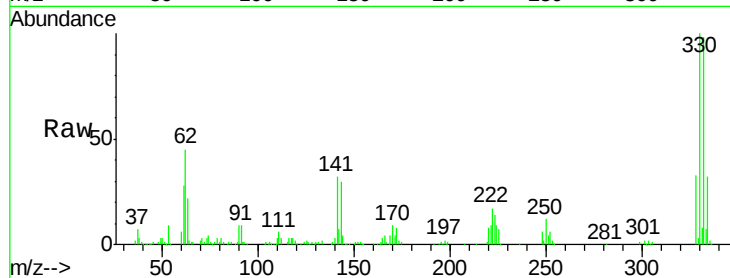




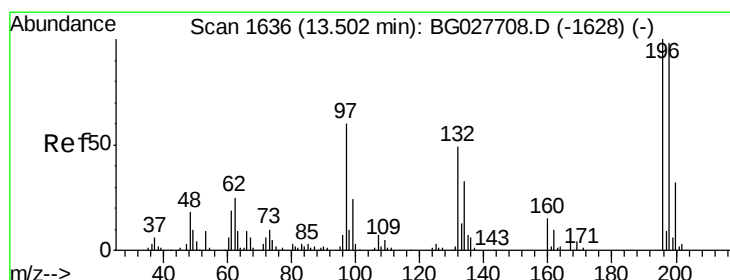
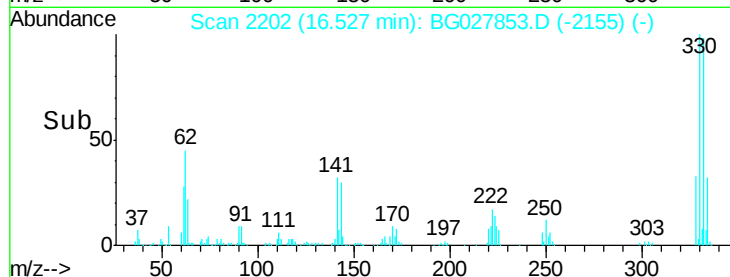
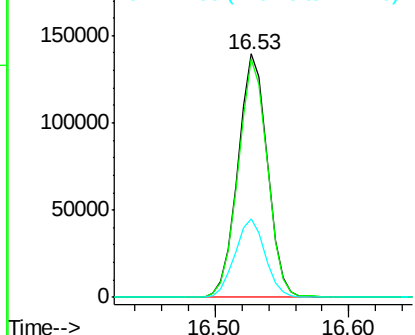
#41
 2,4,6-Tribromophenol
 Concen: 288.202 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

Tgt Ion:330 Resp: 212964
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 33.4 32.1 48.1

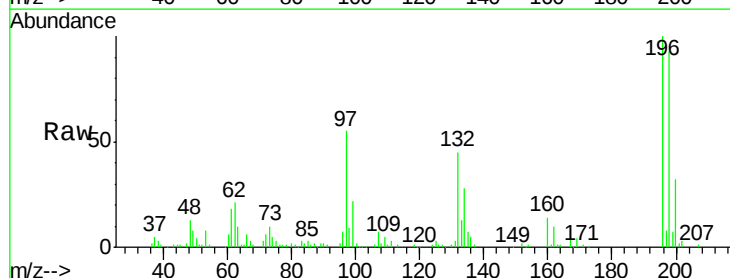


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

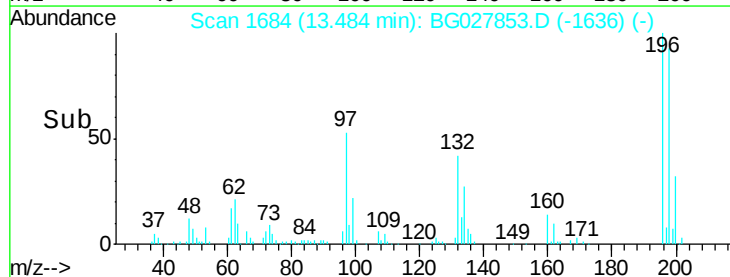
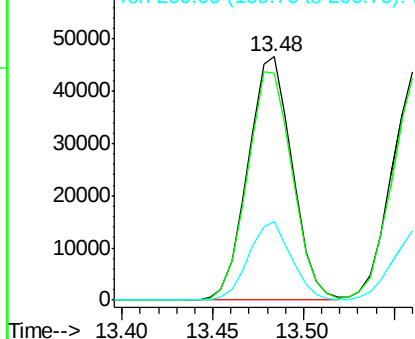


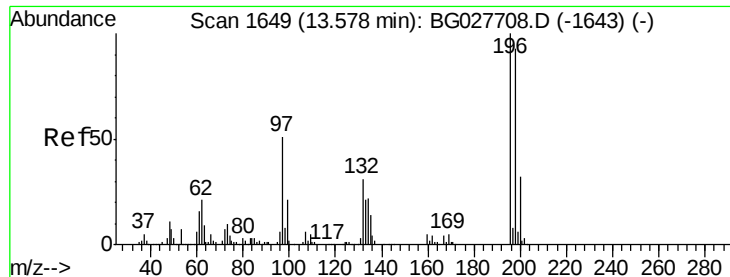
#42
 2,4,6-Trichlorophenol
 Concen: 77.202 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Tgt Ion:196 Resp: 78938
 Ion Ratio Lower Upper
 196 100
 198 93.0 81.4 122.2
 200 32.4 27.0 40.6



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

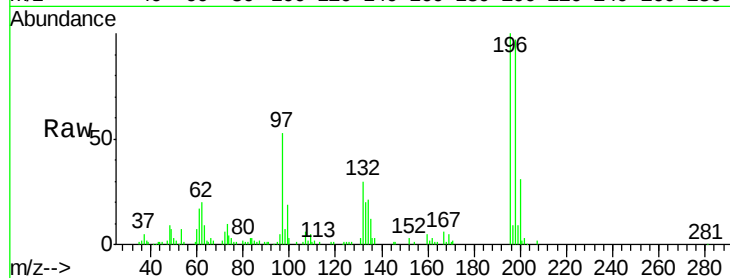




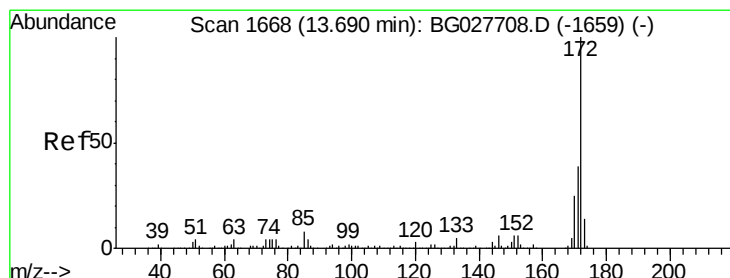
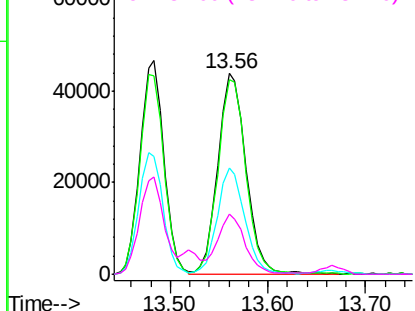
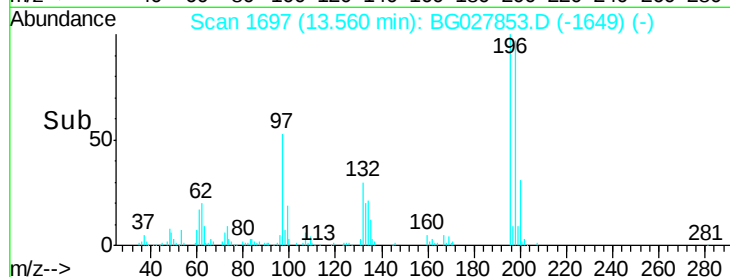
#43
2,4,5-Trichlorophenol
Concen: 75.824 ng
RT: 13.56 min Scan# 1697
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

Tgt Ion:196 Resp: 87847
Ion Ratio Lower Upper
196 100
198 96.9 79.9 119.9
97 52.8 45.4 68.0
132 29.7 20.7 31.1

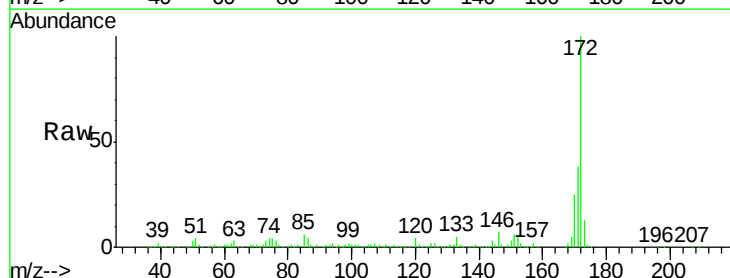


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

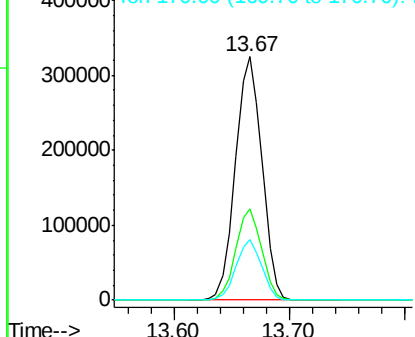
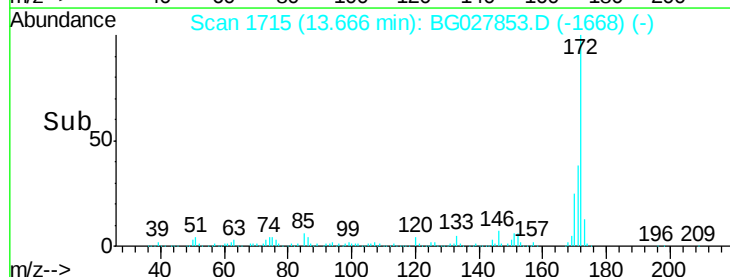


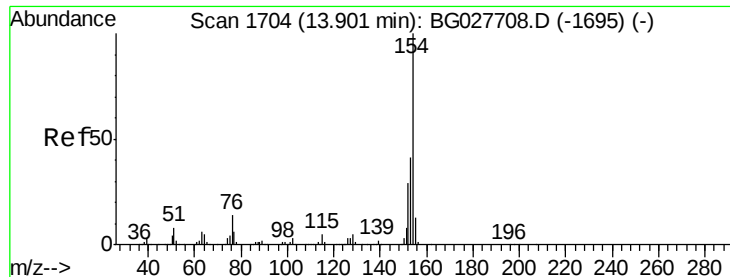
#44
2-Fluorobiphenyl
Concen: 136.454 ng
RT: 13.67 min Scan# 1715
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion:172 Resp: 514738
Ion Ratio Lower Upper
172 100
171 37.5 32.2 48.2
170 24.9 21.8 32.6



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

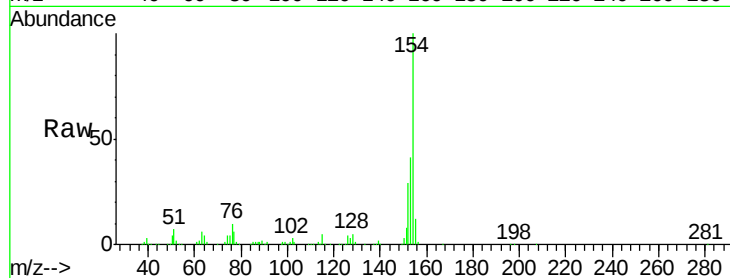




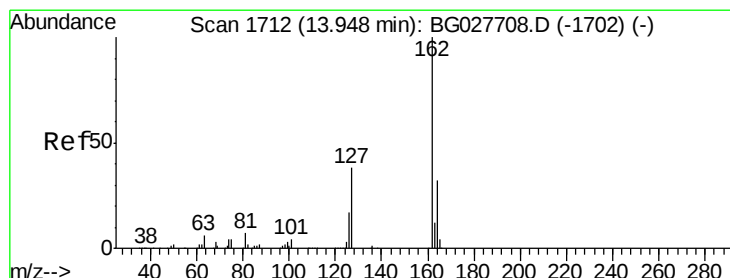
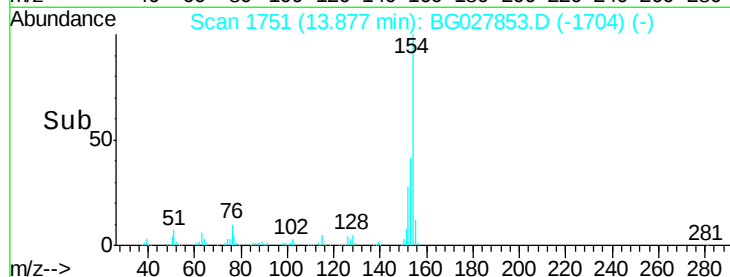
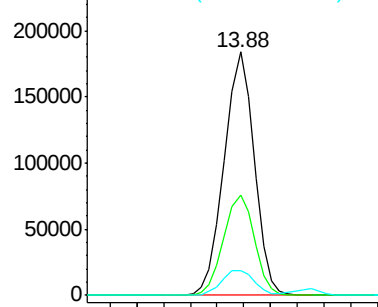
#45
 1,1'-Biphenyl
 Concen: 66.142 ng
 RT: 13.88 min Scan# 1751
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.0	63.0
76	10.4	0.0	33.5

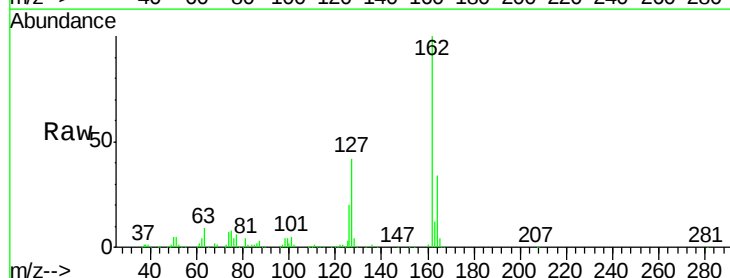


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

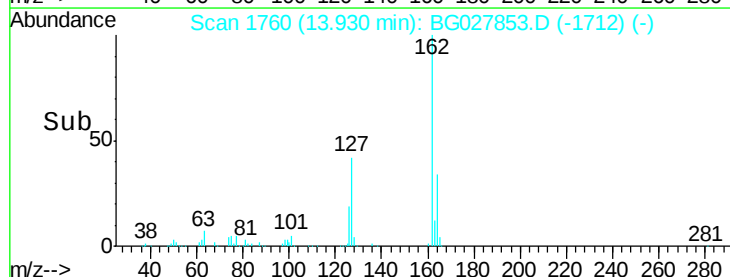
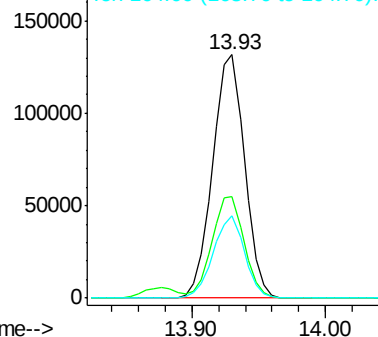


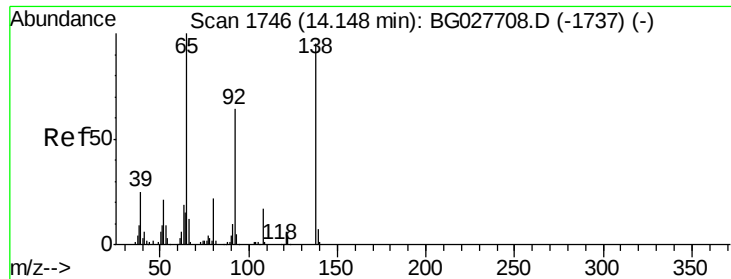
#46
 2-Chloronaphthalene
 Concen: 66.606 ng
 RT: 13.93 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.9	32.2	48.4
164	34.0	27.3	40.9



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

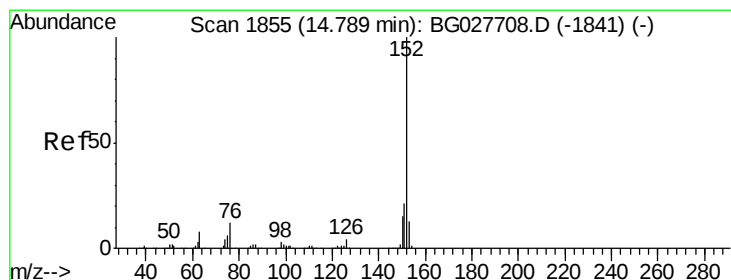
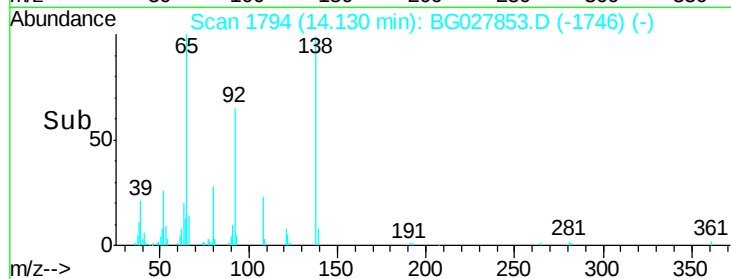
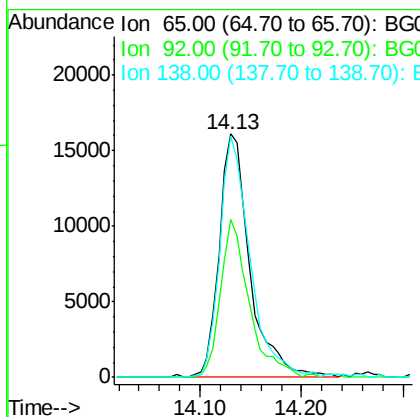
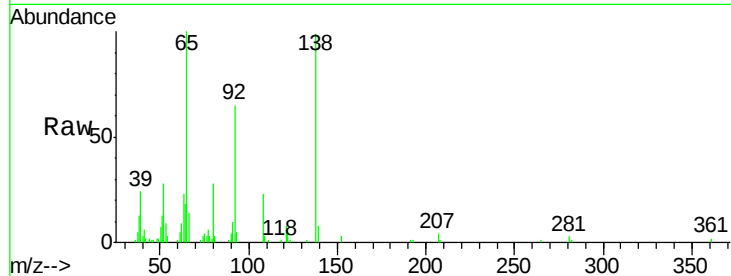




#47
2-Nitroaniline
Concen: 25.949 ng
RT: 14.13 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

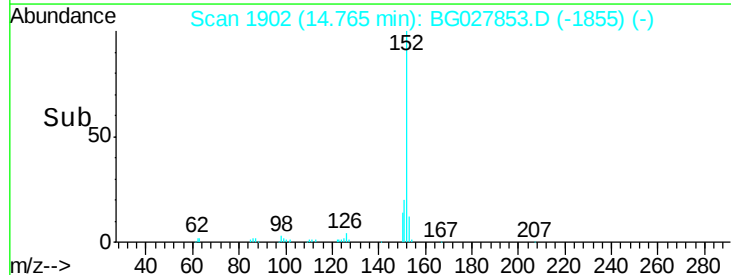
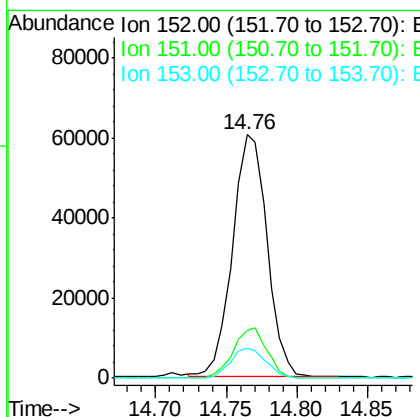
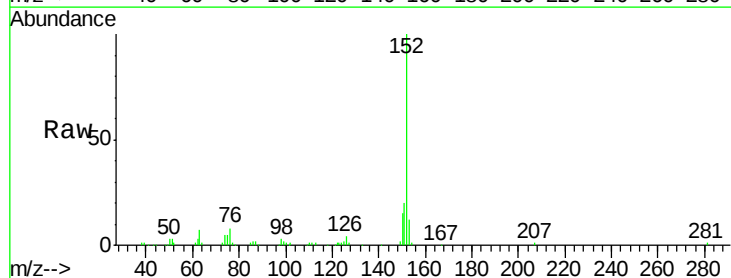
Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

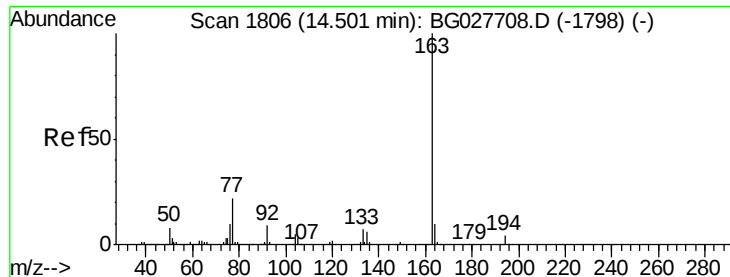
Tgt Ion: 65 Resp: 33882
Ion Ratio Lower Upper
65 100
92 64.9 49.0 73.4
138 98.8 58.6 87.8#



#48
Acenaphthylene
Concen: 17.354 ng
RT: 14.76 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion: 152 Resp: 103442
Ion Ratio Lower Upper
152 100
151 19.9 18.2 27.2
153 12.2 11.3 16.9





#49

Dimethylphthalate

Concen: 74.023 ng

RT: 14.48 min Scan# 1854

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

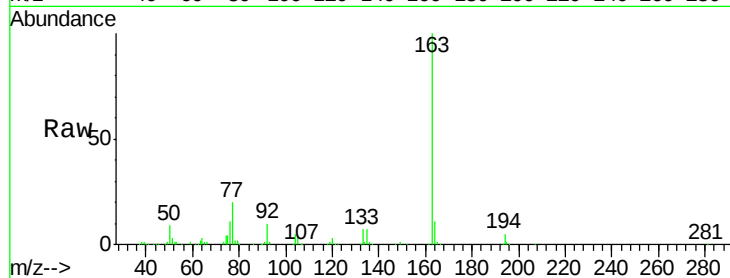
Tgt Ion:163 Resp: 340199

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

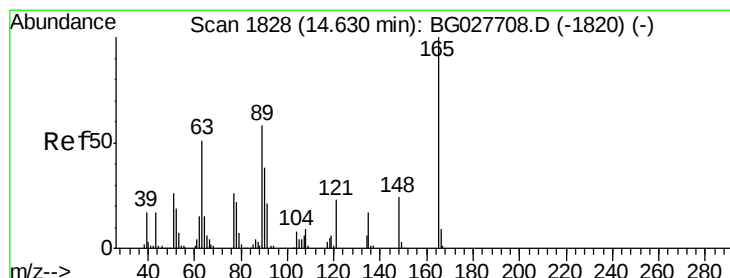
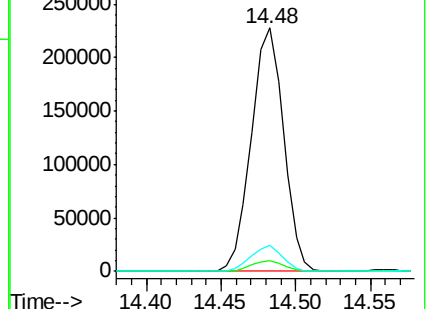
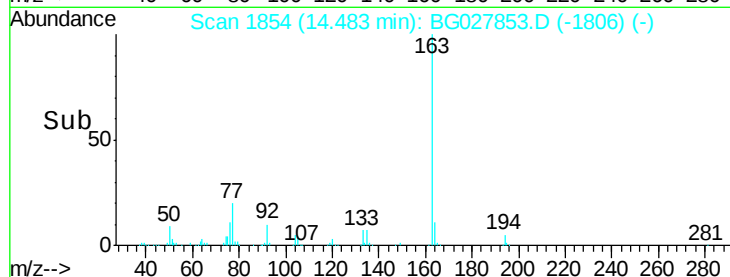
164 10.7 9.3 13.9



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: 75.252 ng

RT: 14.61 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

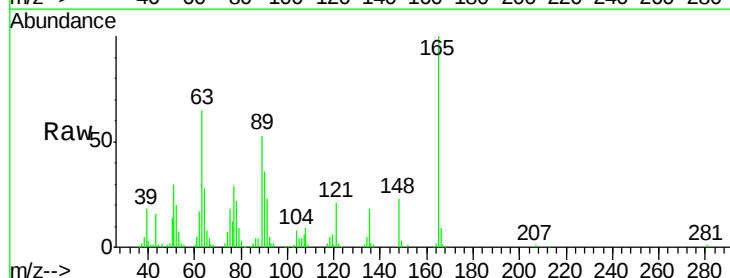
Tgt Ion:165 Resp: 75181

Ion Ratio Lower Upper

165 100

63 65.2 63.9 95.9

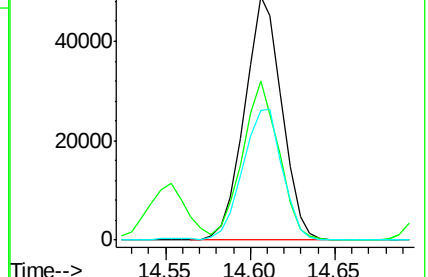
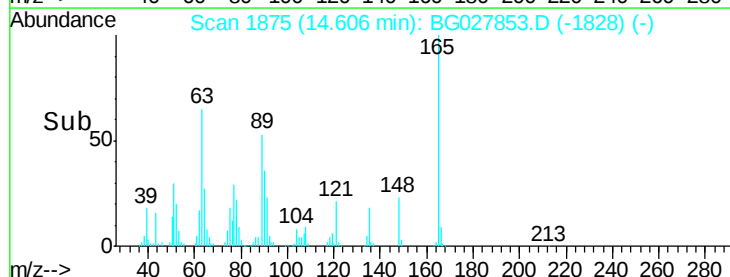
89 53.3 58.6 88.0#

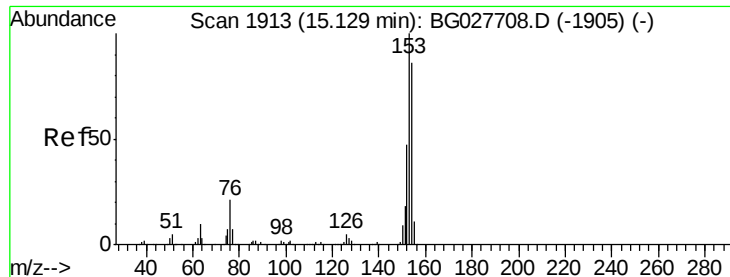


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.109 ng

RT: 15.11 min Scan# 1960

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

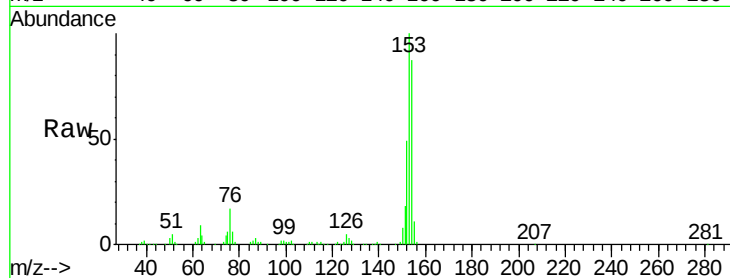
Tgt Ion:154 Resp: 164691

Ion Ratio Lower Upper

154 100

153 114.5 87.8 131.6

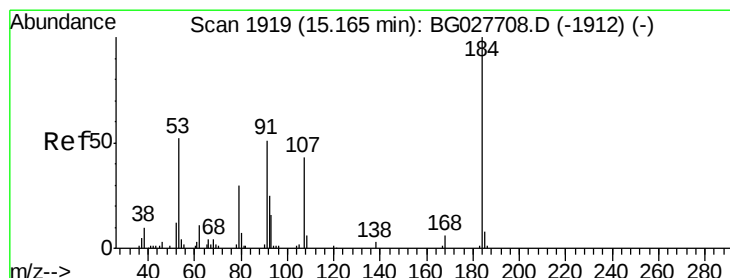
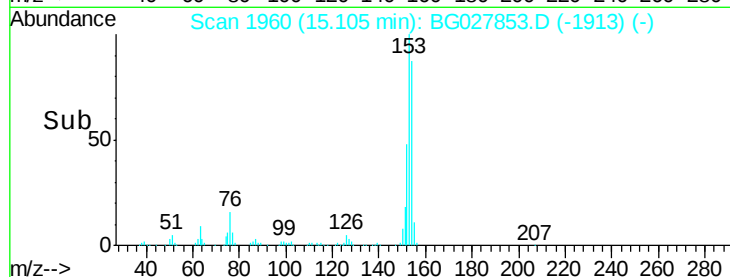
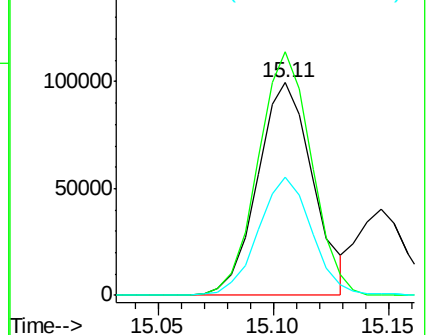
152 55.6 42.2 63.4



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



#53

2,4-Dinitrophenol

Concen: 168.503 ng

RT: 15.15 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

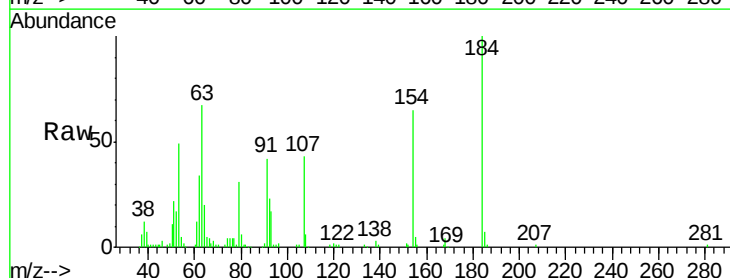
Tgt Ion:184 Resp: 98214

Ion Ratio Lower Upper

184 100

63 67.4 52.7 79.1

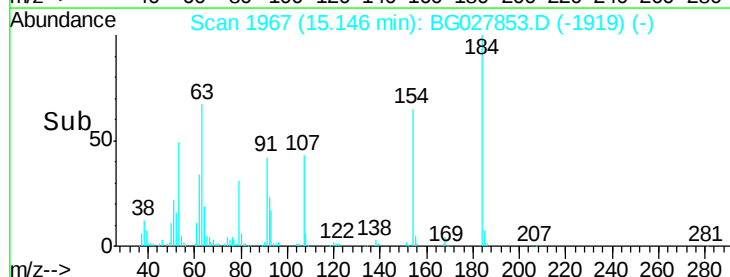
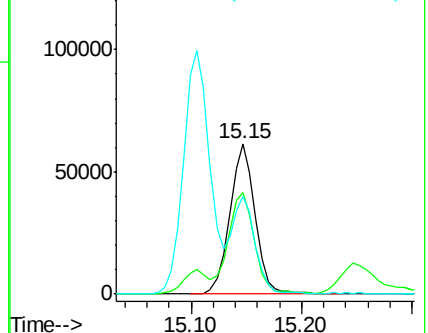
154 65.1 57.3 85.9

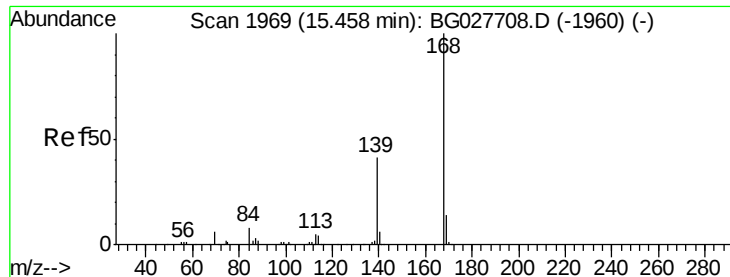


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 74.768 ng

RT: 15.43 min Scan# 2016

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

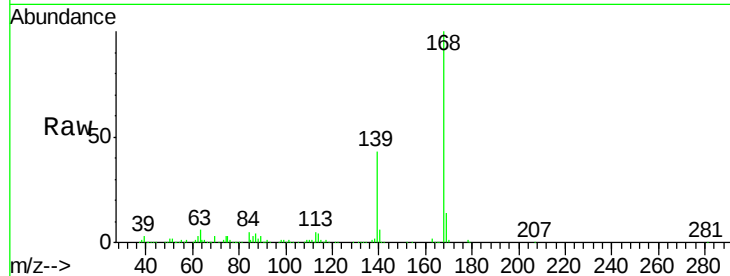
Tgt Ion:168 Resp: 377696

Ion Ratio Lower Upper

168 100

139 42.6 35.3 52.9

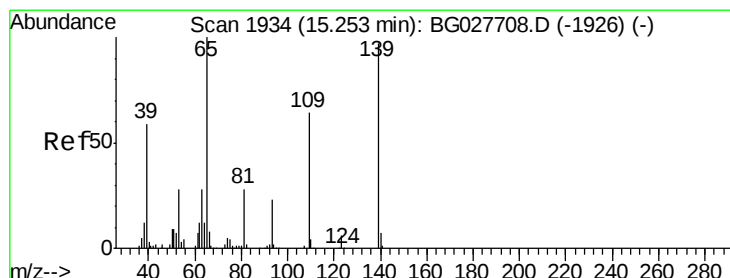
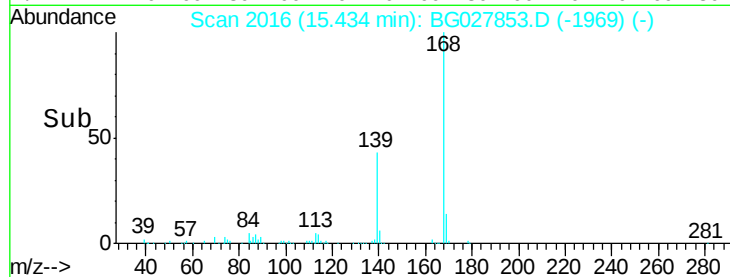
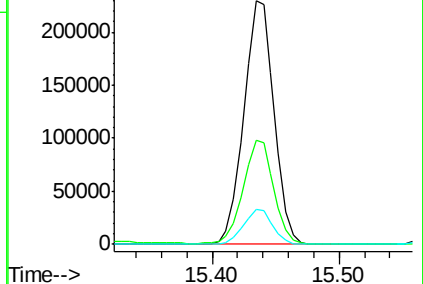
169 14.2 11.5 17.3



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: 101.331 ng

RT: 15.25 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

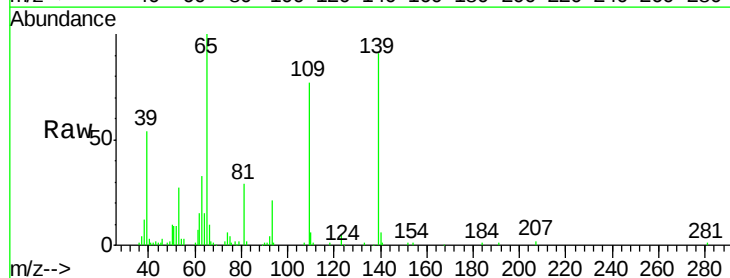
Tgt Ion:139 Resp: 90914

Ion Ratio Lower Upper

139 100

109 84.5 101.2 141.2#

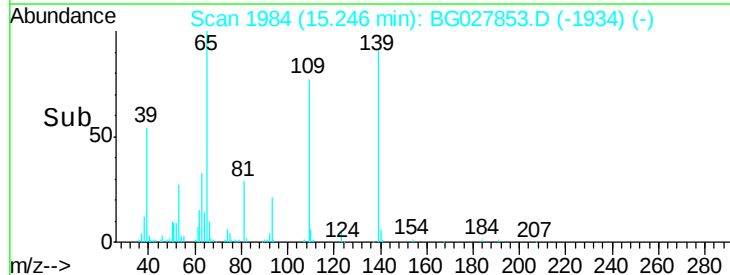
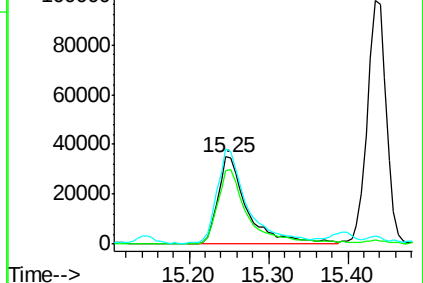
65 109.9 135.3 175.3#

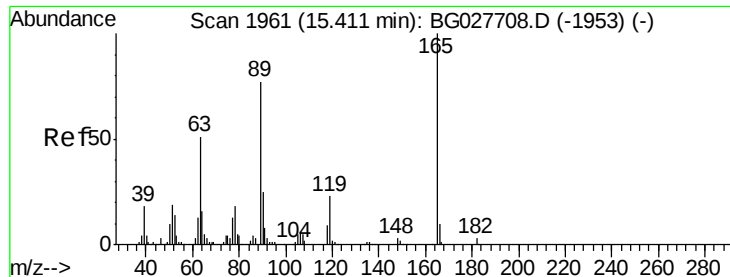


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

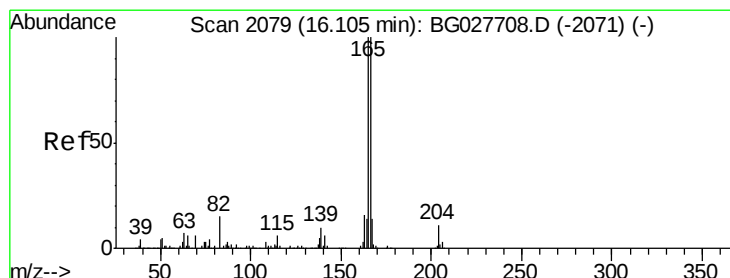
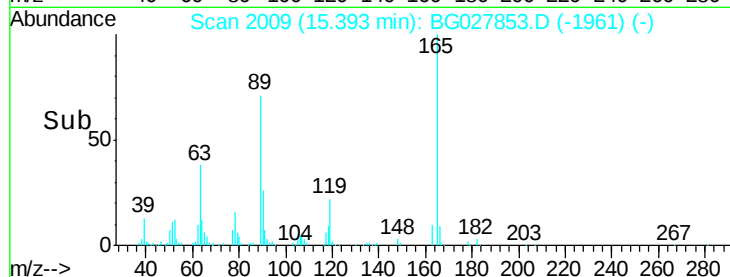
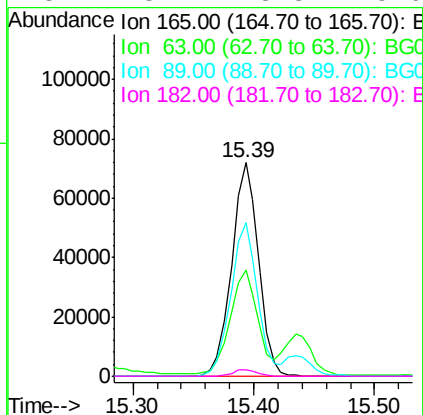
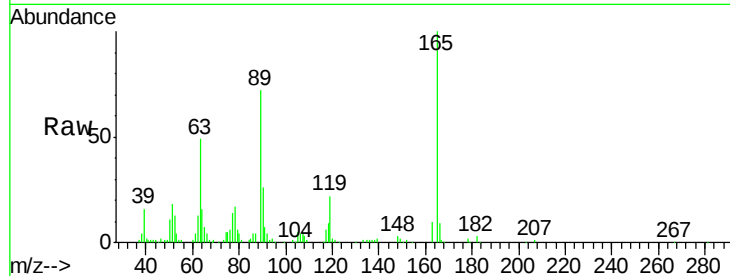




#56
 2,4-Dinitrotoluene
 Concen: 79.538 ng
 RT: 15.39 min Scan# 2009
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

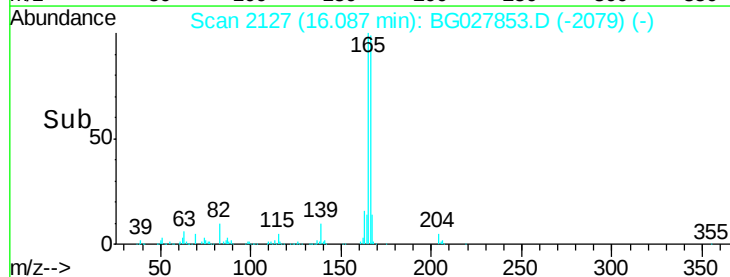
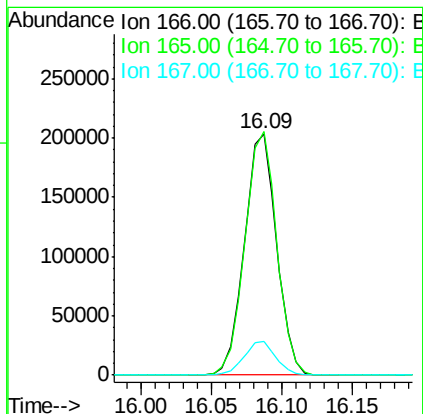
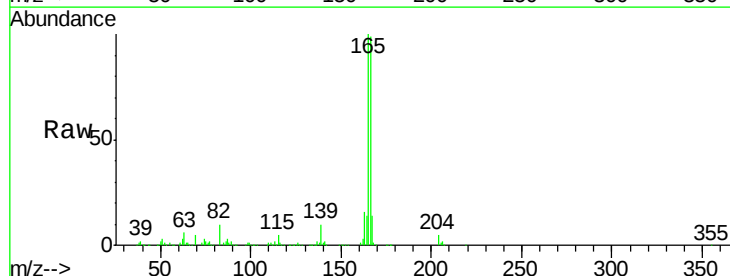
Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

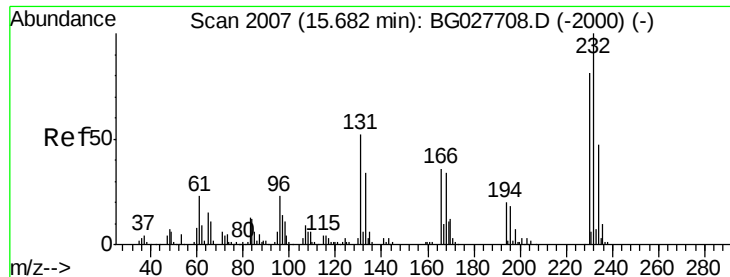
Tgt Ion:165 Resp: 110834
 Ion Ratio Lower Upper
 165 100
 63 49.5 44.0 66.0
 89 71.7 67.3 100.9
 182 3.1 3.8 5.6#



#57
 Fluorene
 Concen: 66.159 ng
 RT: 16.09 min Scan# 2127
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Tgt Ion:166 Resp: 324039
 Ion Ratio Lower Upper
 166 100
 165 100.8 78.6 117.8
 167 14.0 11.6 17.4

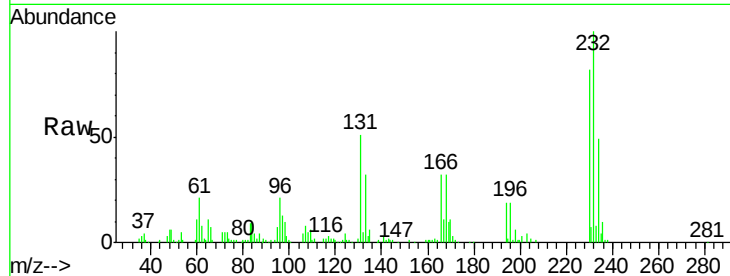




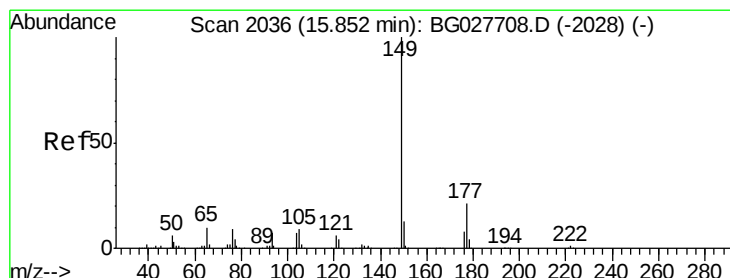
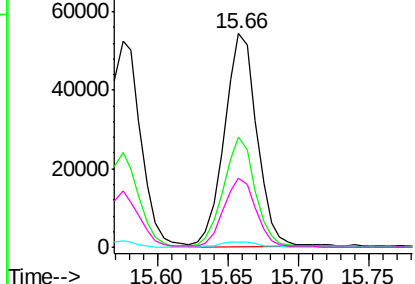
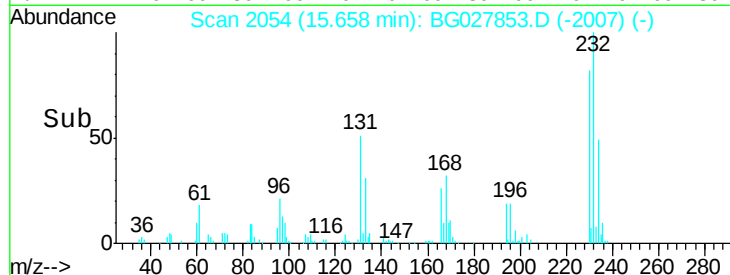
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 87.392 ng
 RT: 15.66 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

Tgt Ion: 232 Resp: 87280
 Ion Ratio Lower Upper
 232 100
 131 51.1 34.9 52.3
 130 3.1 2.3 3.5
 166 32.8 24.2 36.4

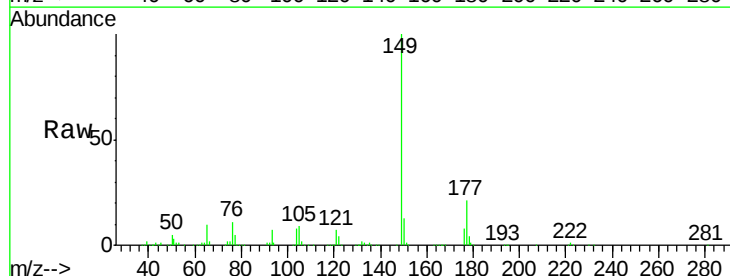


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

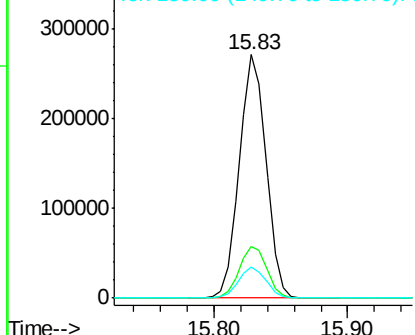
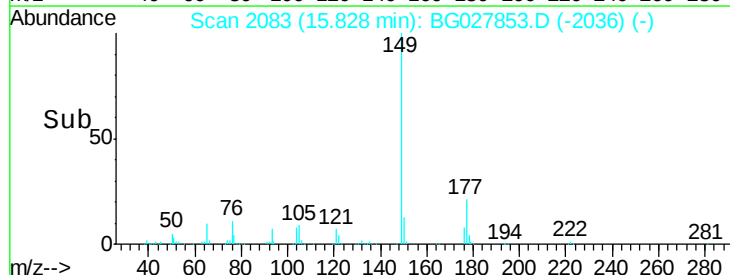


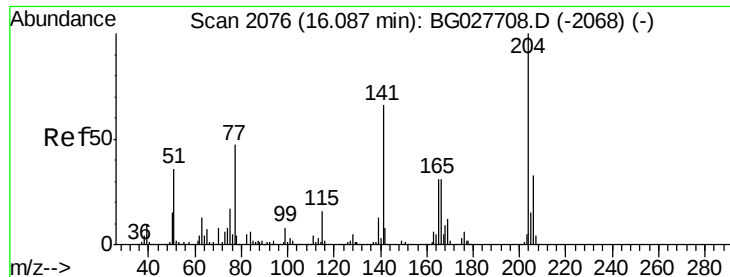
#59
 Diethylphthalate
 Concen: 74.133 ng
 RT: 15.83 min Scan# 2083
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Tgt Ion: 149 Resp: 377258
 Ion Ratio Lower Upper
 149 100
 177 21.4 20.1 30.1
 150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

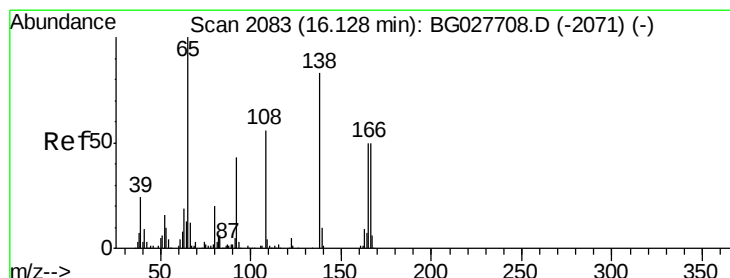
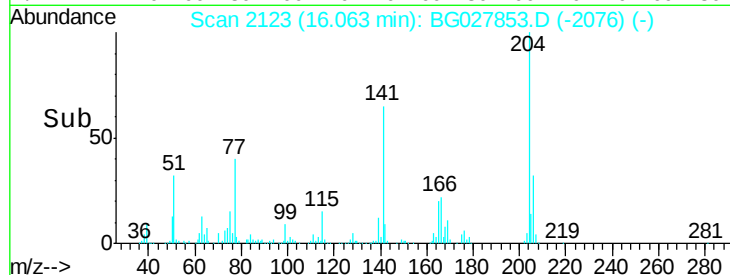
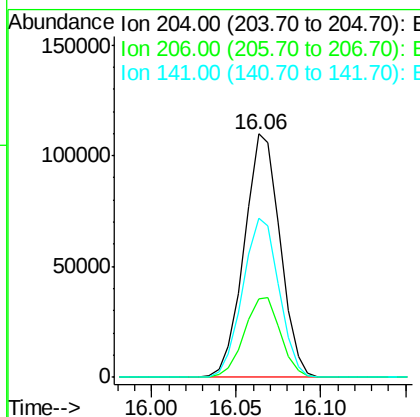
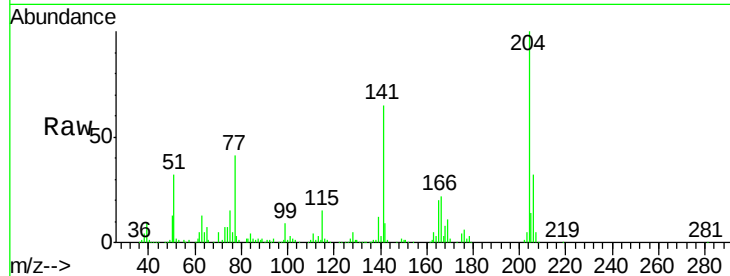




#60
4-Chlorophenyl-phenylether
Concen: 75.009 ng
RT: 16.06 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

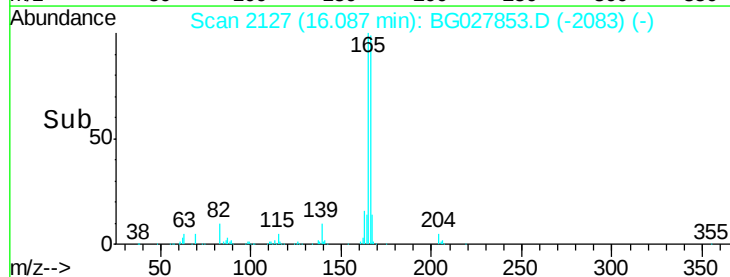
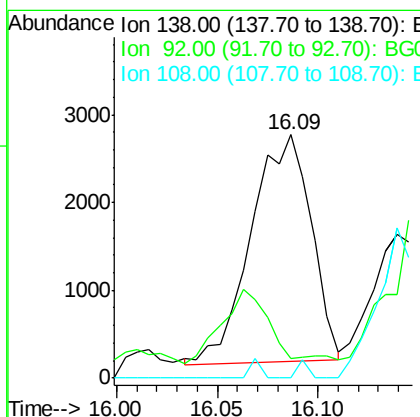
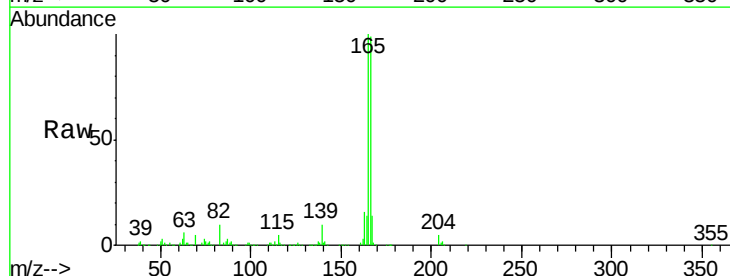
Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

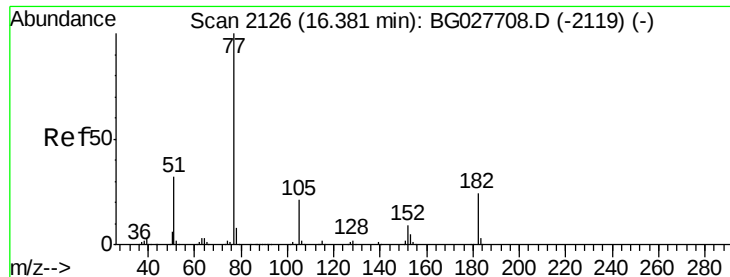
Tgt Ion:204 Resp: 162636
Ion Ratio Lower Upper
204 100
206 32.1 30.1 45.1
141 65.3 50.6 76.0



#61
4-Nitroaniline
Concen: 4.363 ng m
RT: 16.09 min Scan# 2127
Delta R.T. -0.04 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion:138 Resp: 5342
Ion Ratio Lower Upper
138 100
92 8.3 44.2 84.2#
108 0.0 104.8 144.8#





#62

Azobenzene

Concen: 27.957 ng

RT: 16.36 min Scan# 2173

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

Tgt Ion: 77 Resp: 125018

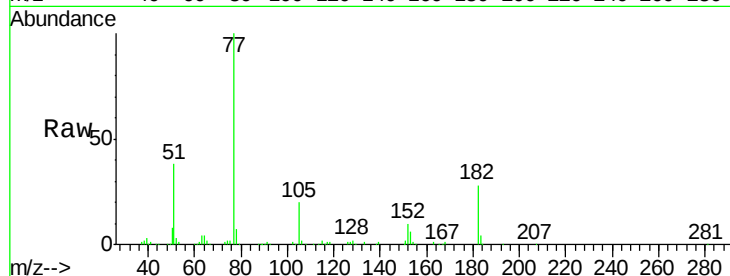
Ion Ratio Lower Upper

77 100

182 27.6 4.7 44.7

105 20.5 0.0 36.3

51 37.6 16.4 56.4

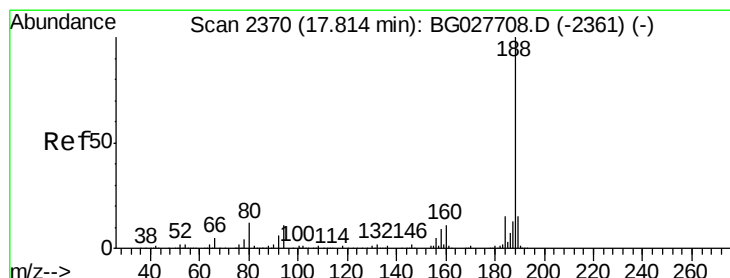
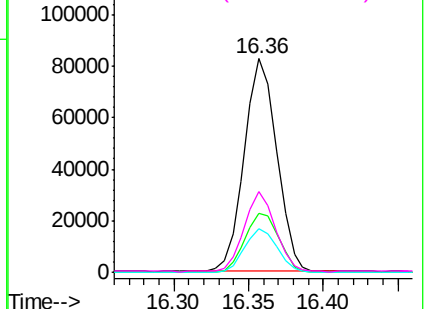
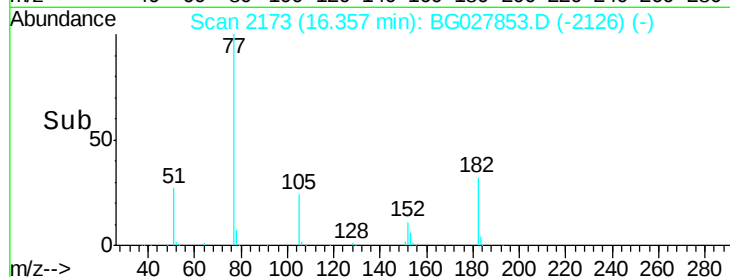


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.79 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

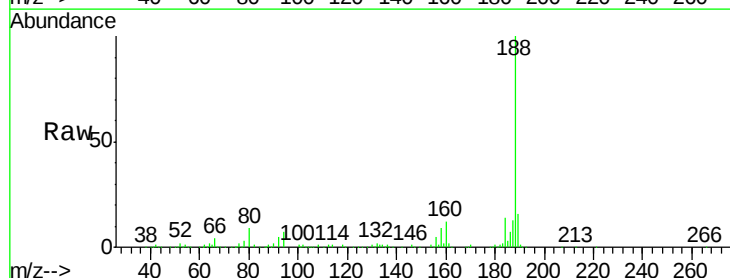
Tgt Ion: 188 Resp: 209452

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

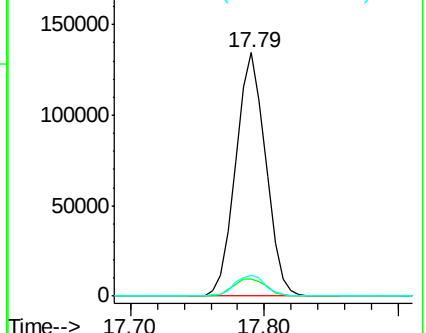
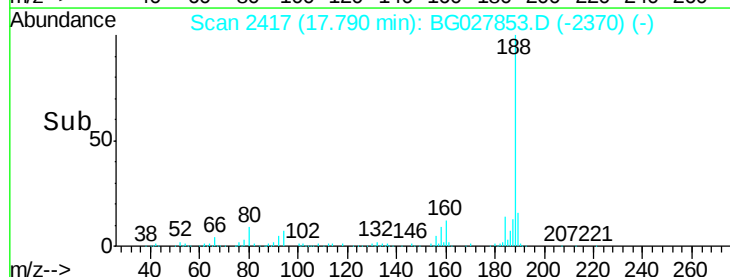
80 8.5 7.5 11.3

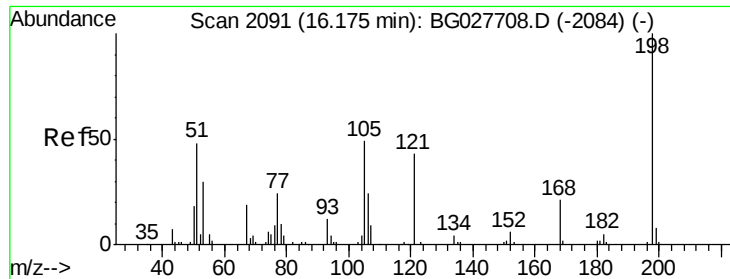


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

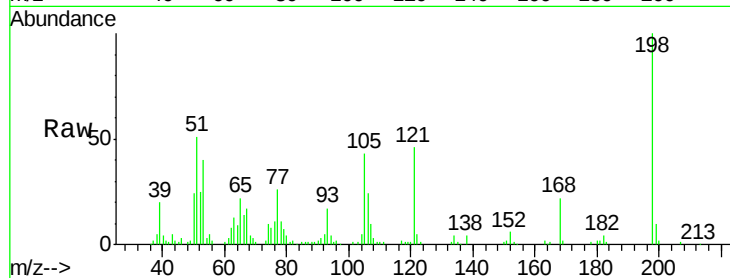




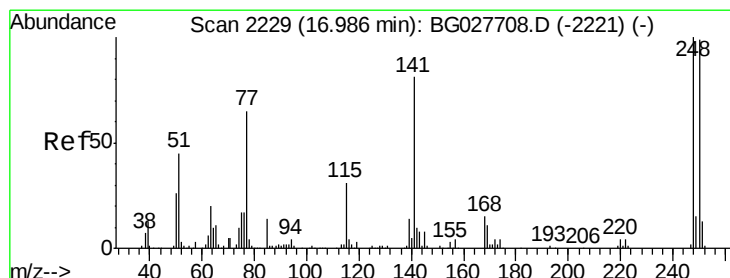
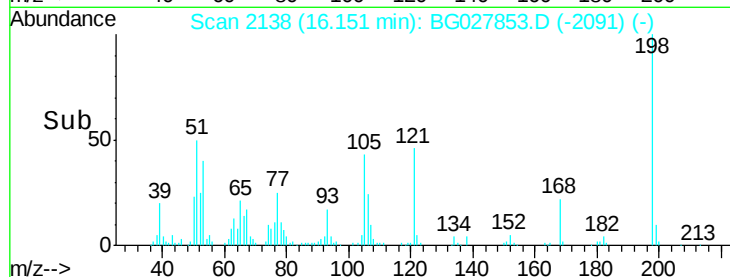
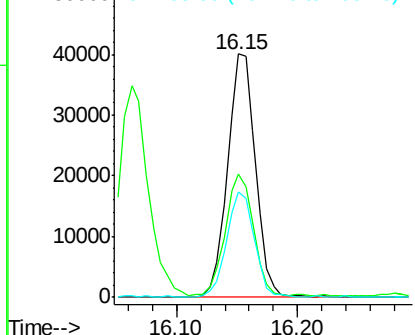
#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.958 ng
 RT: 16.15 min Scan# 2138
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

Tgt Ion:198 Resp: 64157
 Ion Ratio Lower Upper
 198 100
 51 50.8 22.6 62.6
 105 43.1 14.4 54.4

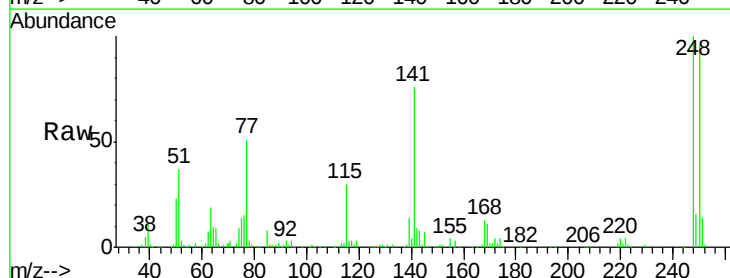


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

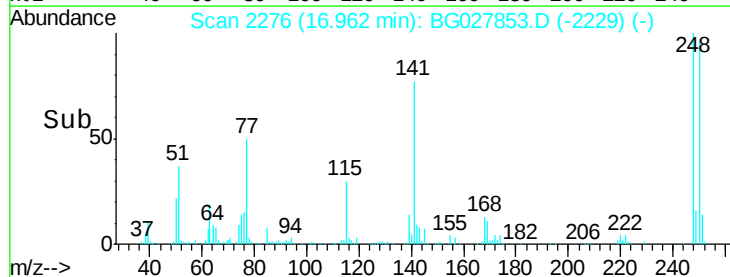
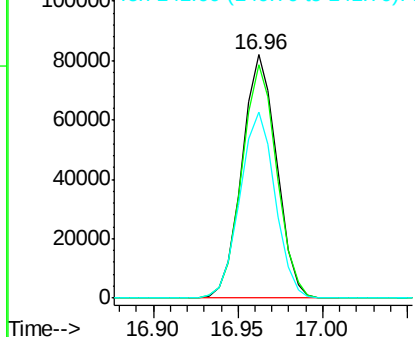


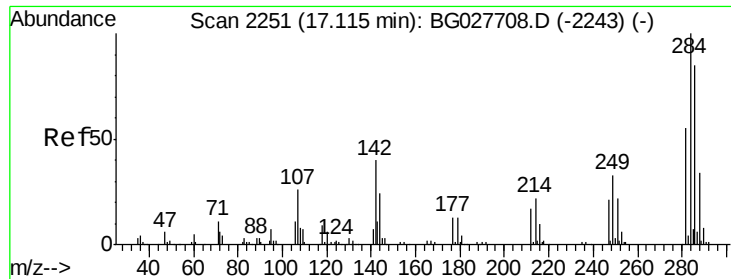
#66
 4-Bromophenyl-phenylether
 Concen: 53.629 ng
 RT: 16.96 min Scan# 2276
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Tgt Ion:248 Resp: 117482
 Ion Ratio Lower Upper
 248 100
 250 95.6 75.0 112.6
 141 76.5 55.2 82.8



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

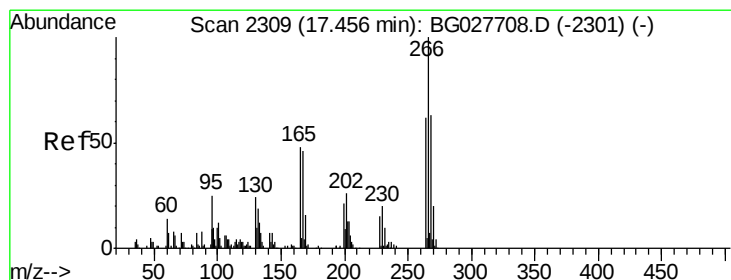
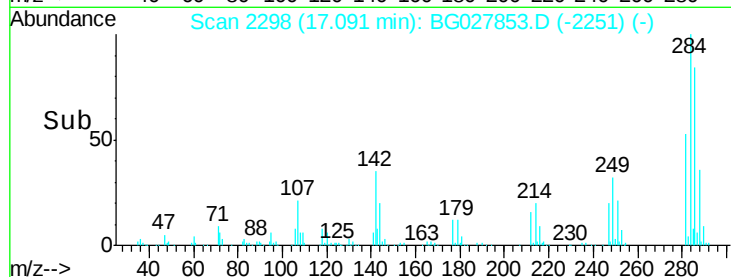
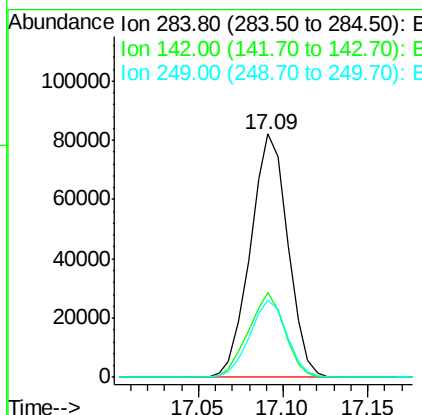
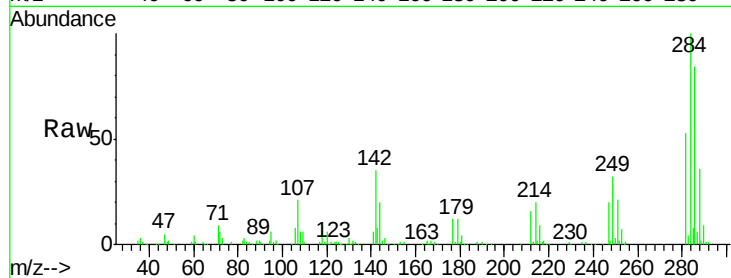




#67
Hexachlorobenzene
Concen: 54.513 ng
RT: 17.09 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

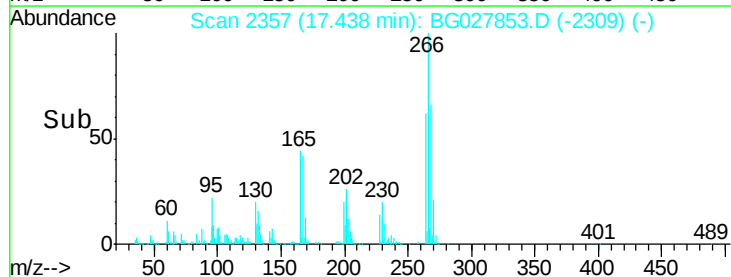
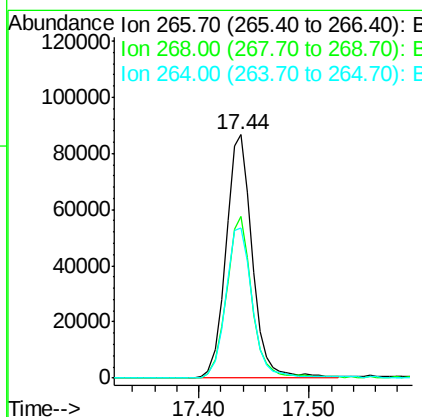
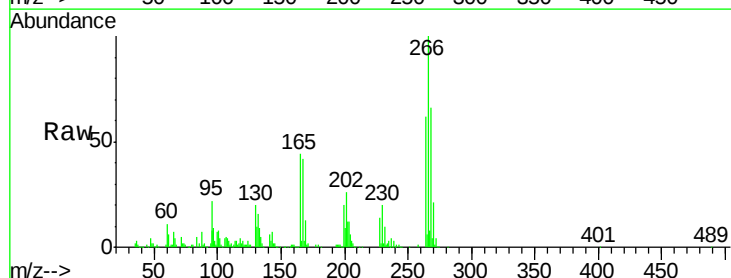
Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

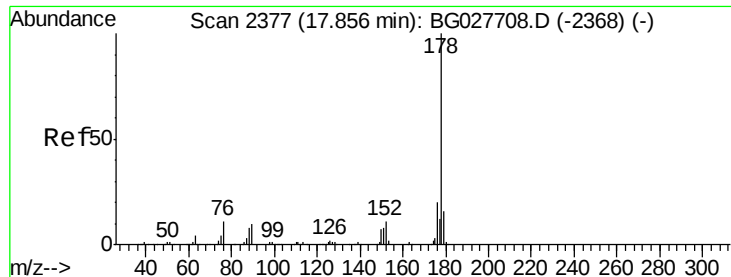
Tgt Ion:284 Resp: 126471
Ion Ratio Lower Upper
284 100
142 35.0 29.9 44.9
249 31.6 29.2 43.8



#69
Pentachlorophenol
Concen: 96.429 ng
RT: 17.44 min Scan# 2357
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion:266 Resp: 144865
Ion Ratio Lower Upper
266 100
268 66.3 48.6 72.8
264 61.7 50.1 75.1





#70

Phenanthrene

Concen: 46.018 ng

RT: 17.83 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

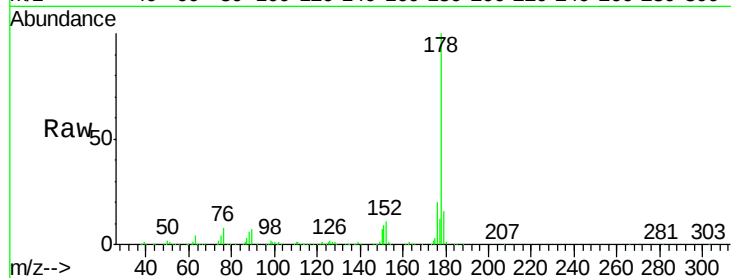
Tgt Ion:178 Resp: 556439

Ion Ratio Lower Upper

178 100

176 20.1 17.7 26.5

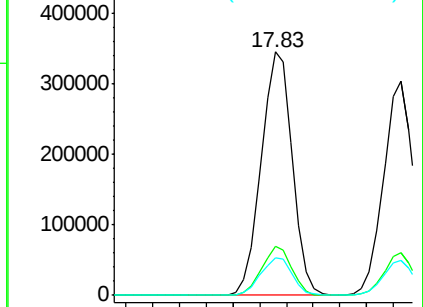
179 15.7 15.0 22.6



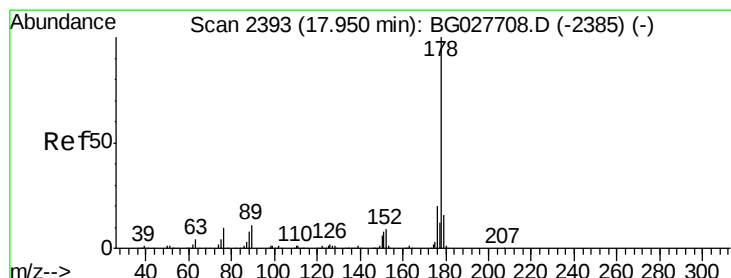
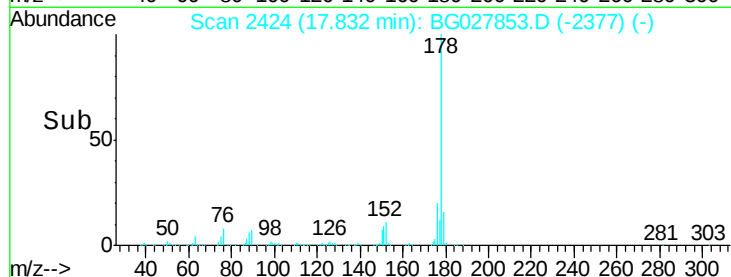
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#71

Anthracene

Concen: 39.160 ng

RT: 17.93 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

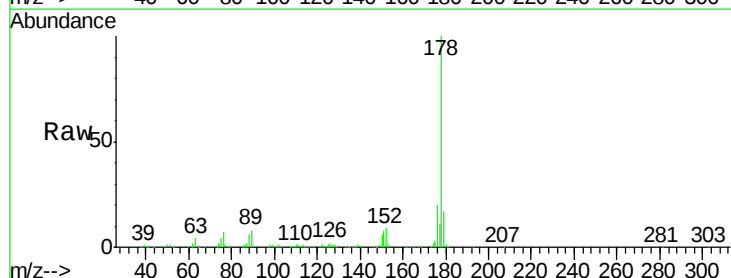
Tgt Ion:178 Resp: 478155

Ion Ratio Lower Upper

178 100

176 20.0 16.4 24.6

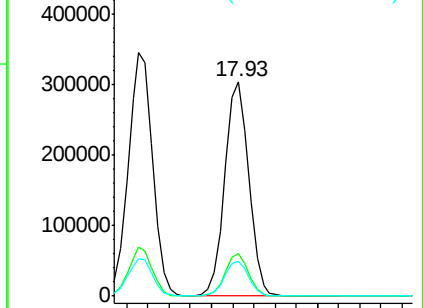
179 16.6 13.8 20.8



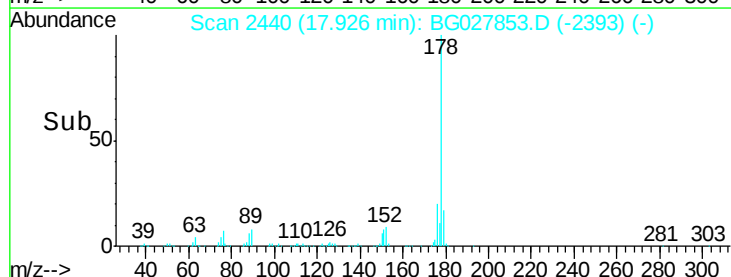
Abundance Ion 178.00 (177.70 to 178.70): E

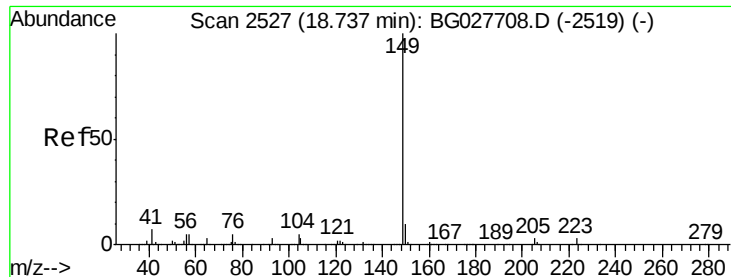
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->

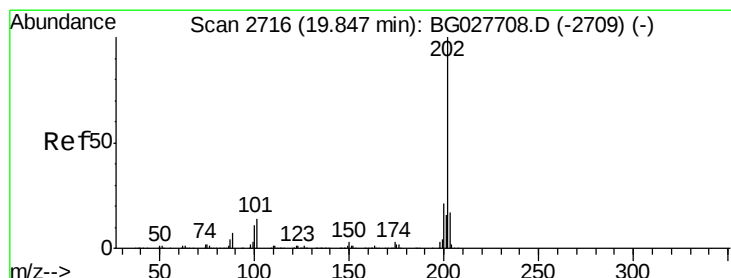
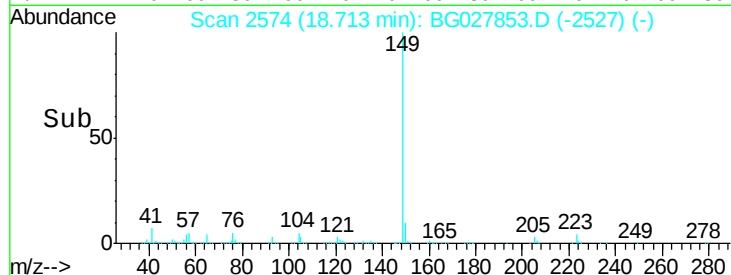
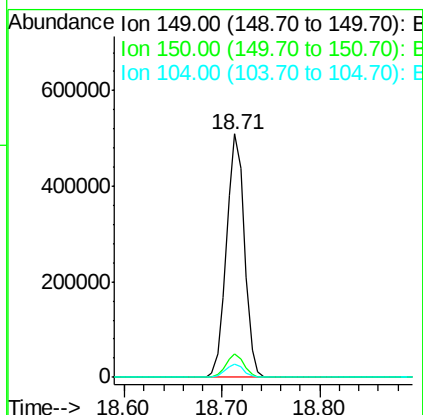
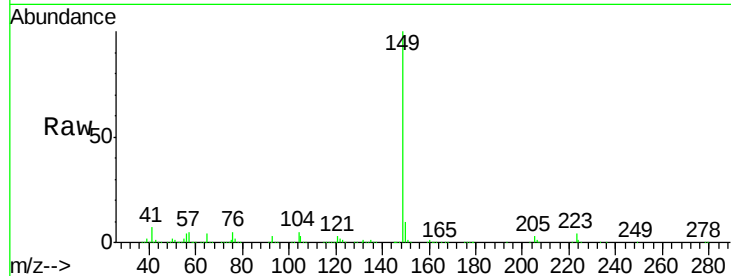




#73
Di-n-butylphthalate
Concen: 49.216 ng
RT: 18.71 min Scan# 2574
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

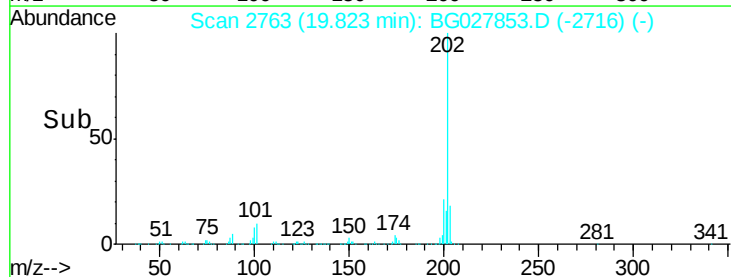
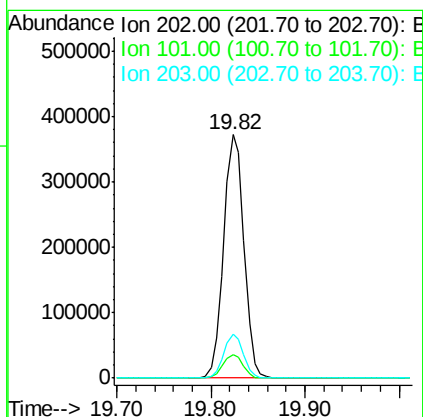
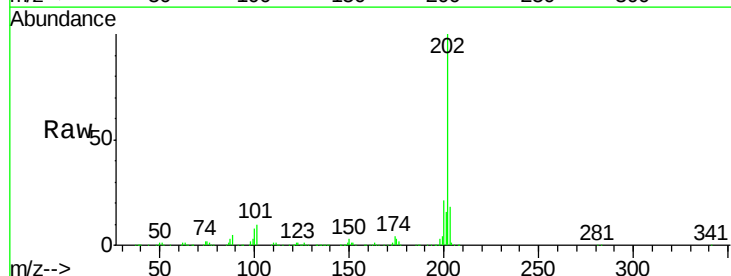
Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

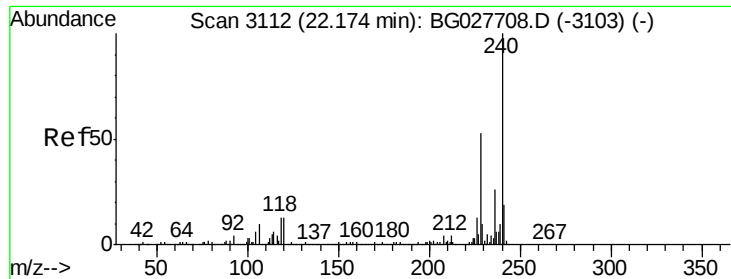
Tgt Ion:149 Resp: 650367
Ion Ratio Lower Upper
149 100
150 9.7 9.1 13.7
104 5.2 6.7 10.1#



#74
Fluoranthene
Concen: 42.195 ng
RT: 19.82 min Scan# 2763
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion:202 Resp: 557610
Ion Ratio Lower Upper
202 100
101 9.7 0.0 30.1
203 18.0 1.3 41.3





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.14 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

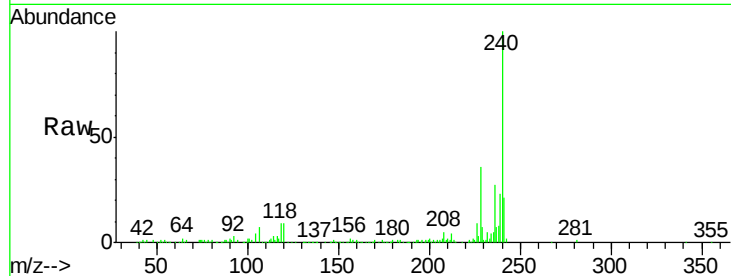
Tgt Ion:240 Resp: 183974

Ion Ratio Lower Upper

240 100

120 9.3 5.7 8.5#

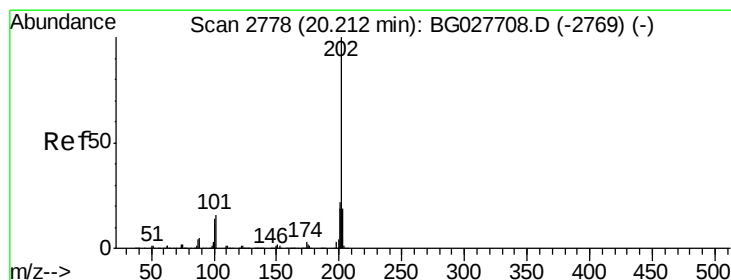
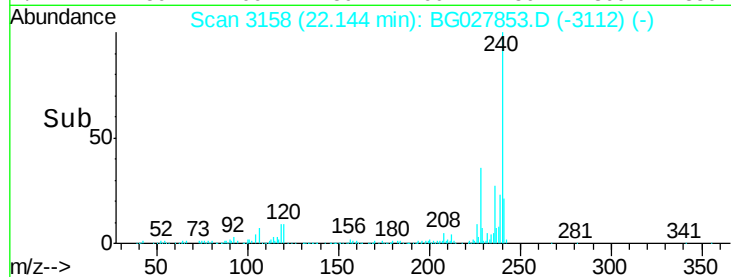
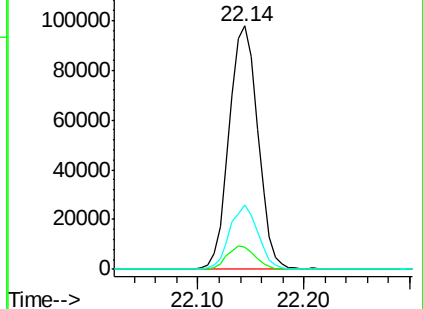
236 26.6 22.2 33.4



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



#77

Pyrene

Concen: 13.648 ng

RT: 20.19 min Scan# 2825

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

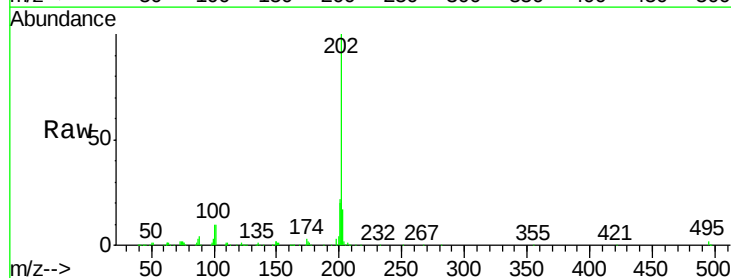
Tgt Ion:202 Resp: 157575

Ion Ratio Lower Upper

202 100

200 22.0 19.6 29.4

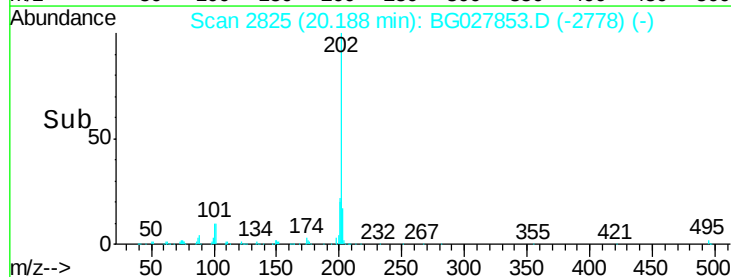
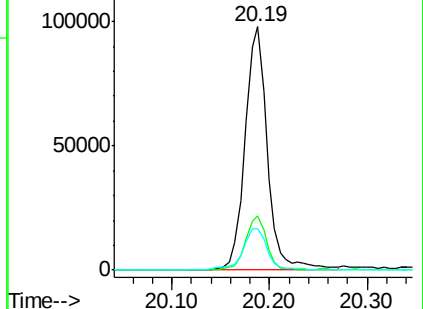
203 17.2 15.8 23.8

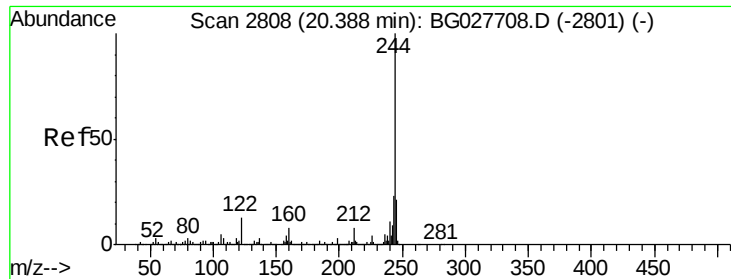


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 128.907 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

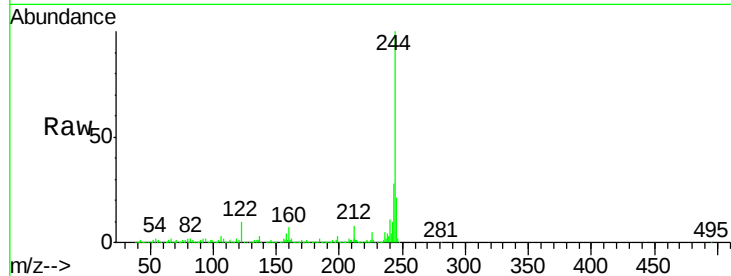
Tgt Ion:244 Resp: 1011597

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

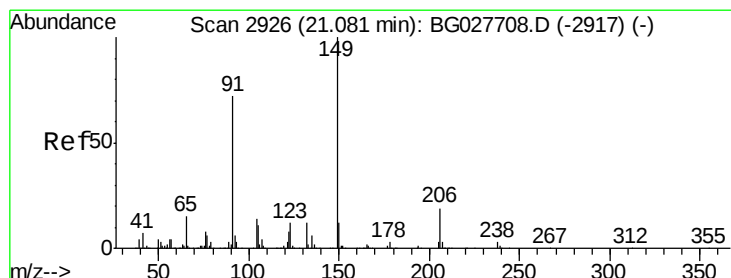
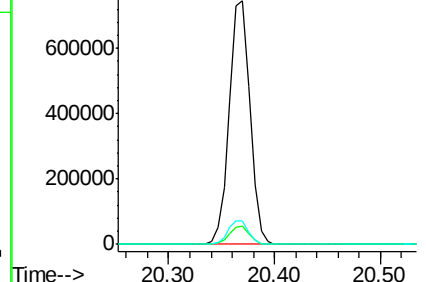
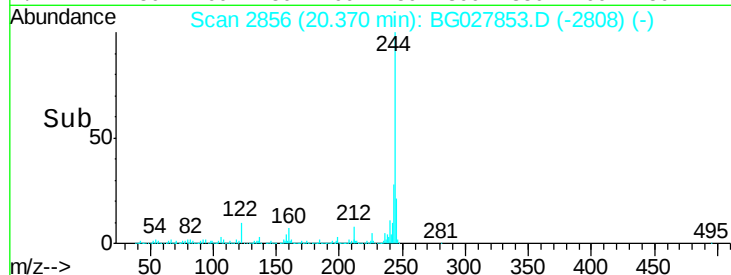
122 9.5 8.6 12.8



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: 17.374 ng

RT: 21.06 min Scan# 2973

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

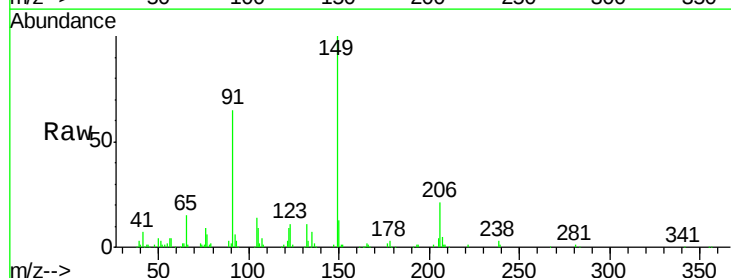
Tgt Ion:149 Resp: 90342

Ion Ratio Lower Upper

149 100

91 64.6 63.5 95.3

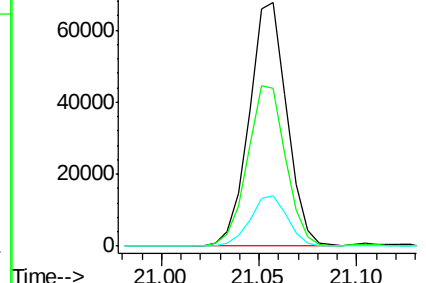
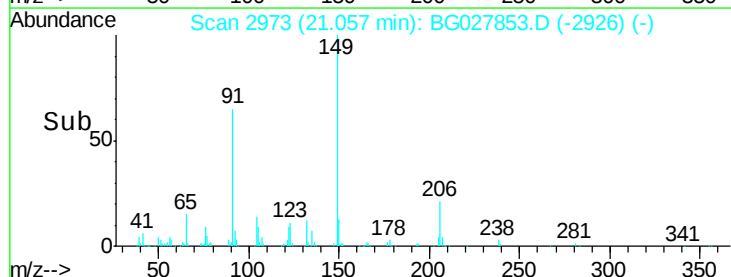
206 20.9 21.0 31.6#

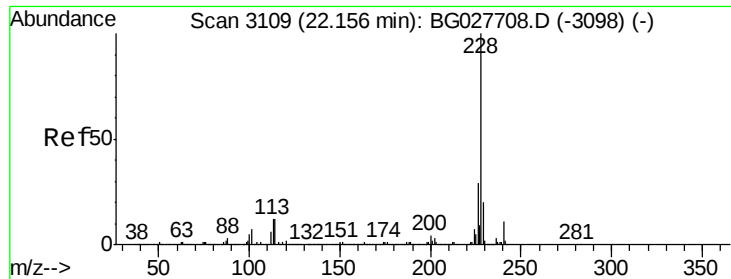


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

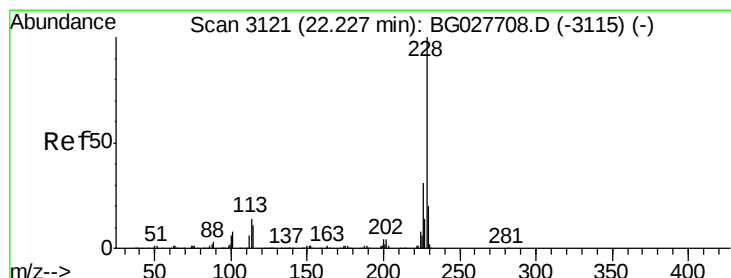
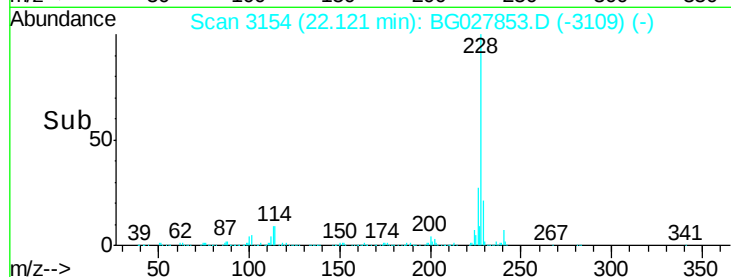
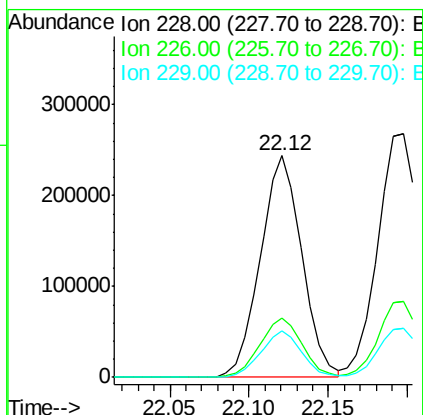
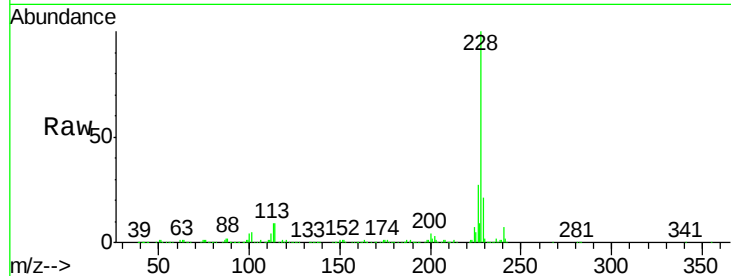




#80
Benzo(a)anthracene
Concen: 39.874 ng
RT: 22.12 min Scan# 3154
Delta R.T. -0.04 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

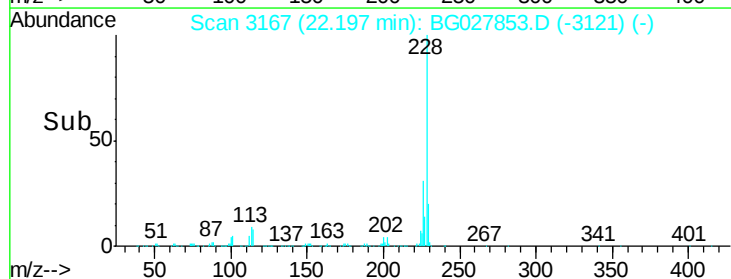
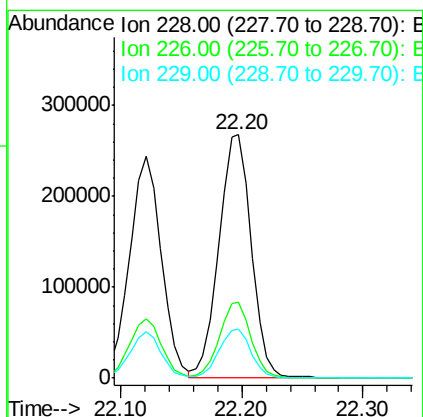
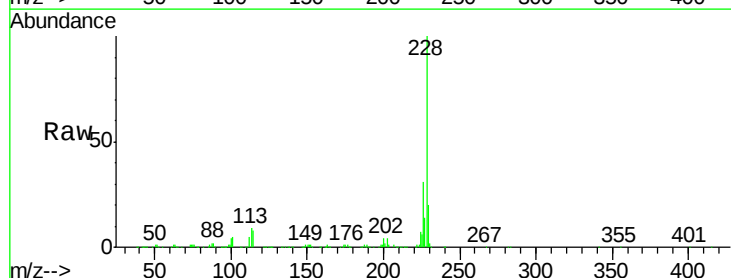
Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

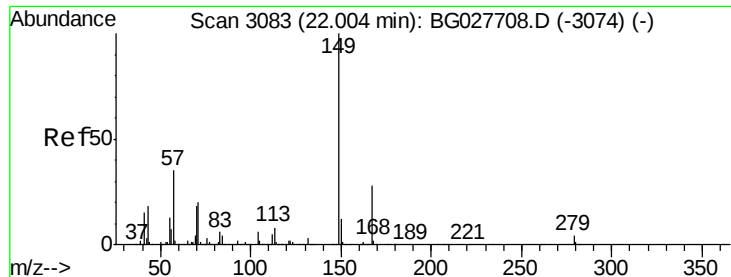
Tgt Ion:228 Resp: 443516
Ion Ratio Lower Upper
228 100
226 26.9 24.9 37.3
229 21.3 18.2 27.2



#82
Chrysene
Concen: 47.451 ng
RT: 22.20 min Scan# 3167
Delta R.T. -0.03 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion:228 Resp: 494711
Ion Ratio Lower Upper
228 100
226 31.1 27.0 40.4
229 20.3 17.8 26.6

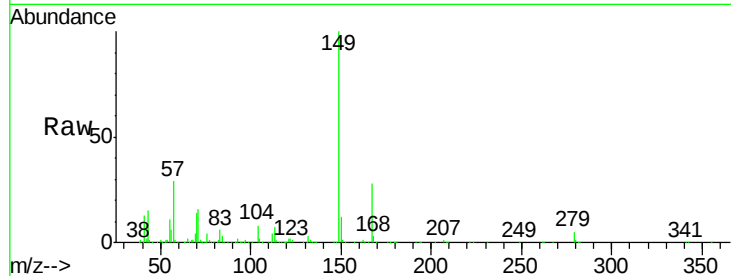




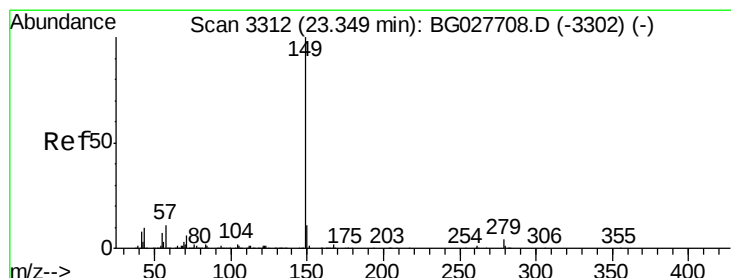
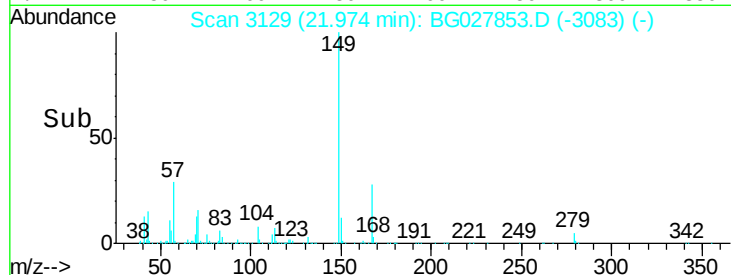
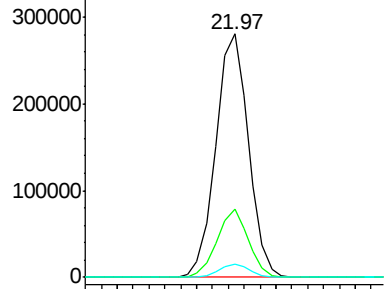
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.799 ng
 RT: 21.97 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.7	35.5
279	5.4	4.6	6.8

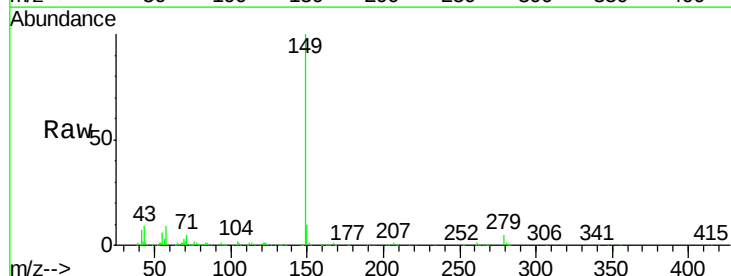


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

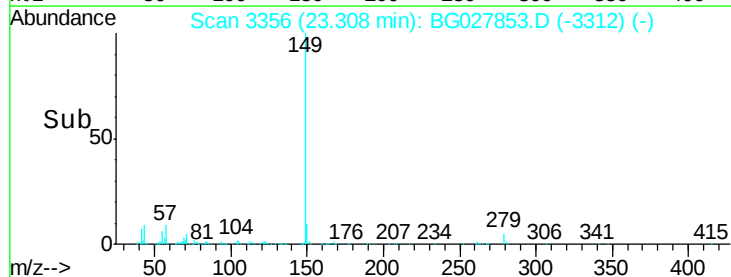
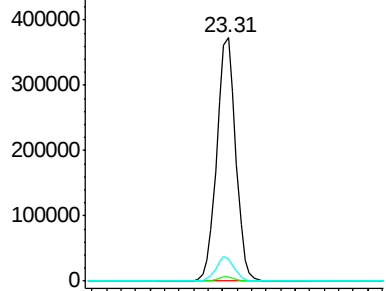


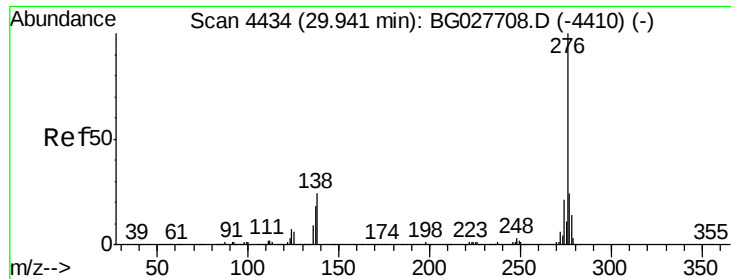
#84
 Di-n-octyl phthalate
 Concen: 53.879 ng
 RT: 23.31 min Scan# 3356
 Delta R.T. -0.04 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.2
43	9.7	11.8	17.6#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.419 ng

RT: 29.91 min Scan# 4479

Delta R.T. -0.04 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

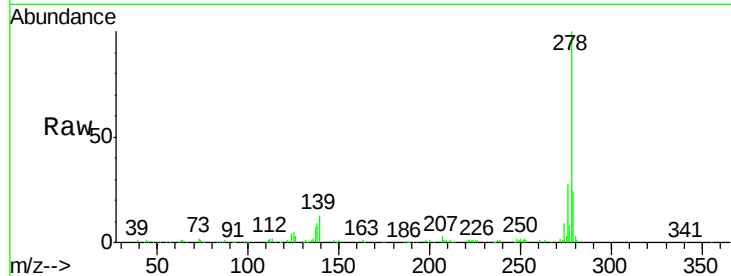
Tgt Ion:276 Resp: 124147

Ion Ratio Lower Upper

276 100

138 17.8 4.7 7.1#

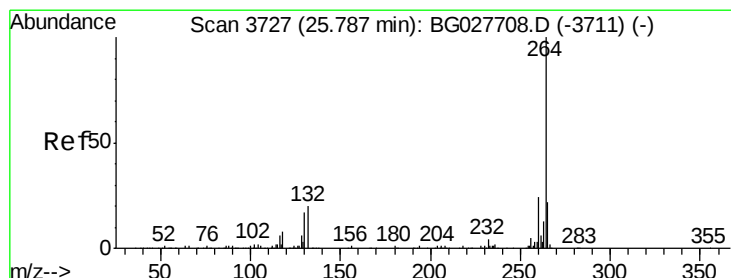
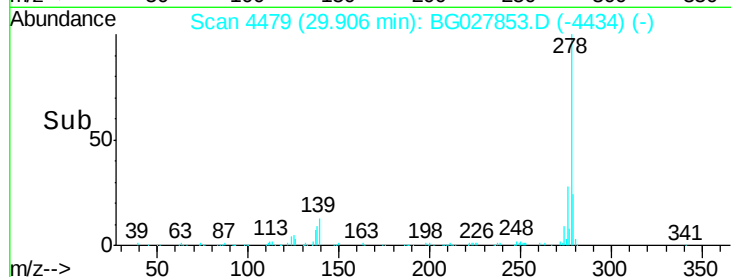
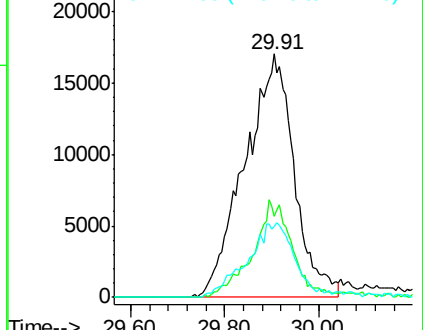
277 15.8 20.6 31.0#



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: 25.72 min Scan# 3767

Delta R.T. -0.07 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

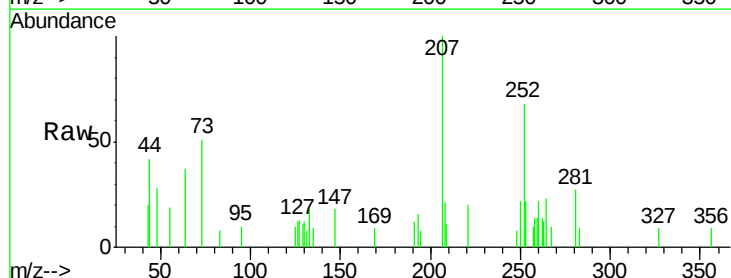
Tgt Ion:264 Resp: 888

Ion Ratio Lower Upper

264 100

260 96.7 21.8 32.8#

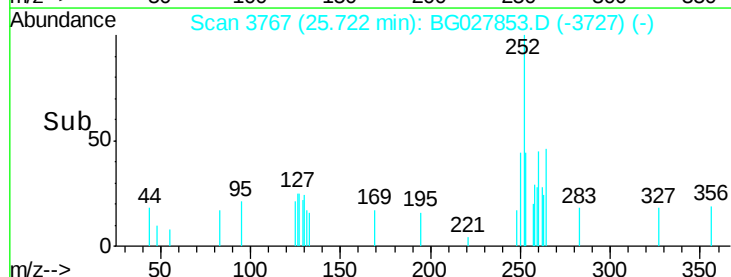
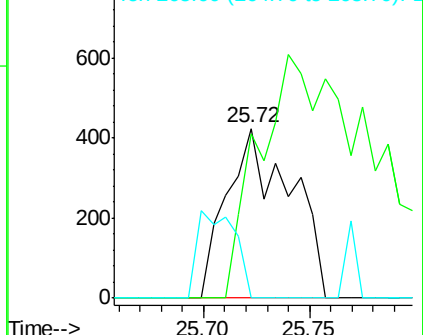
265 0.0 18.2 27.4#

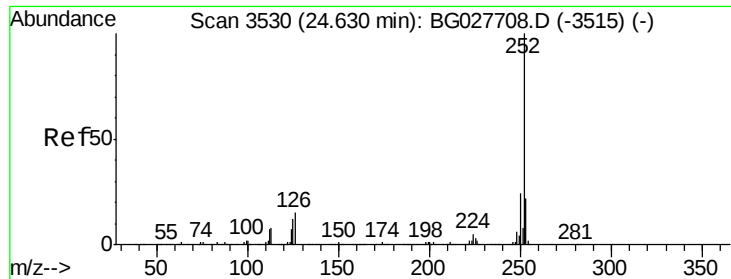


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

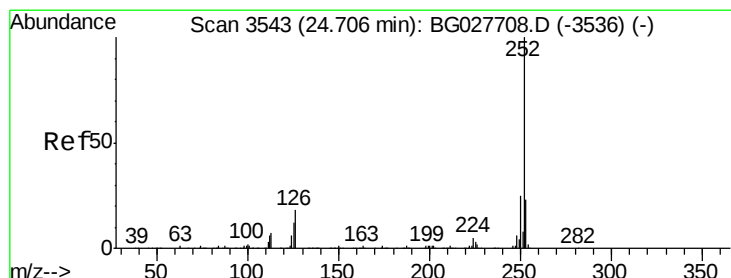
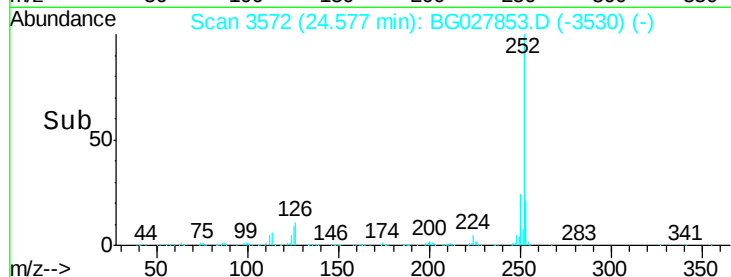
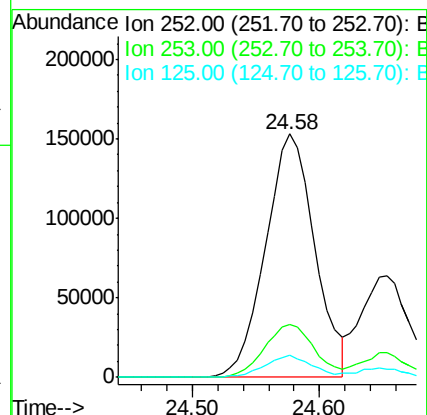
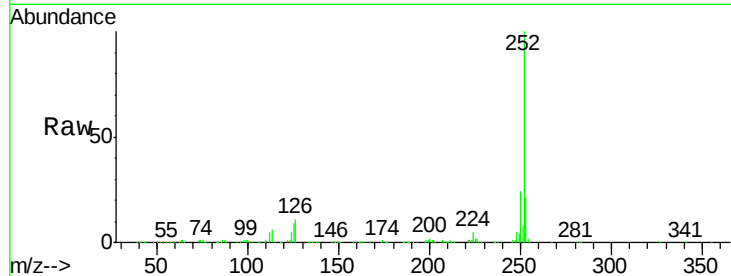




#87
Benzo(b)fluoranthene
Concen: 7227.150 ng
RT: 24.58 min Scan# 3572
Delta R.T. -0.05 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

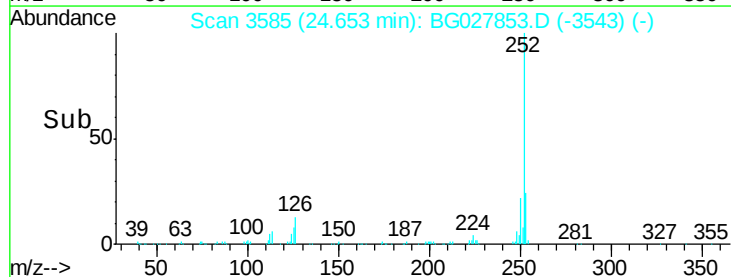
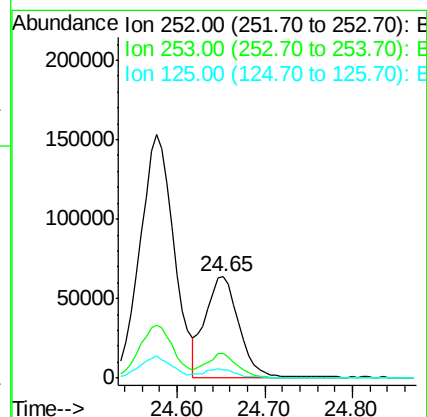
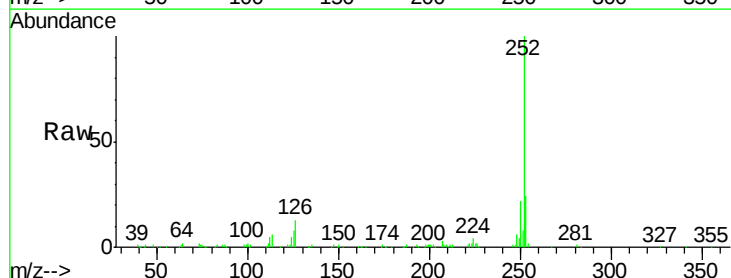
Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50MS

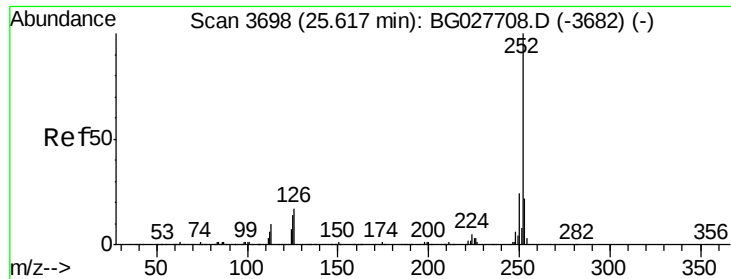
Tgt Ion:252 Resp: 413465
Ion Ratio Lower Upper
252 100
253 21.5 18.7 28.1
125 9.0 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 3016.058 ng
RT: 24.65 min Scan# 3585
Delta R.T. -0.05 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion:252 Resp: 170560
Ion Ratio Lower Upper
252 100
253 24.1 20.2 30.2
125 8.4 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 1504.905 ng

RT: 25.56 min Scan# 3739

Delta R.T. -0.06 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

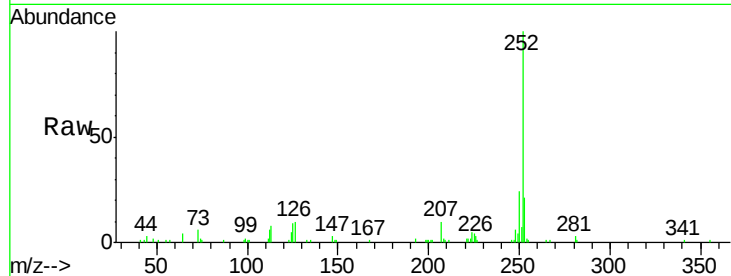
Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50MS

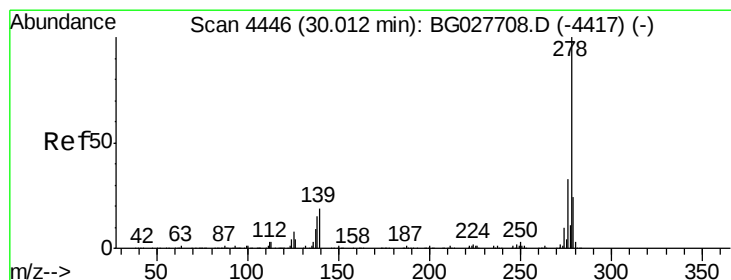
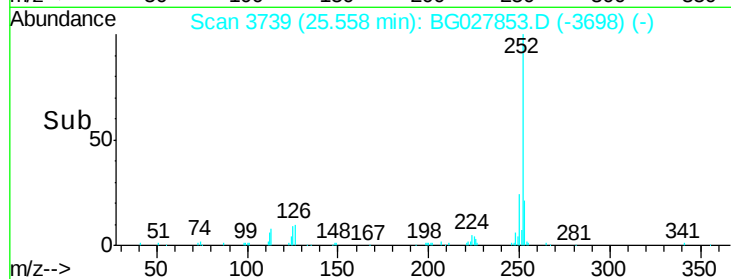
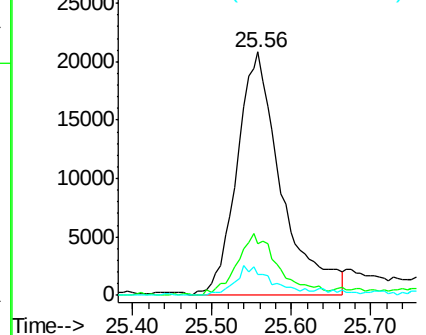
Tgt Ion:	252	Resp:	80787
Ion Ratio	Lower	Upper	
252	100		
253	21.1	19.2	28.8
125	8.7	5.4	8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 5706.946 ng

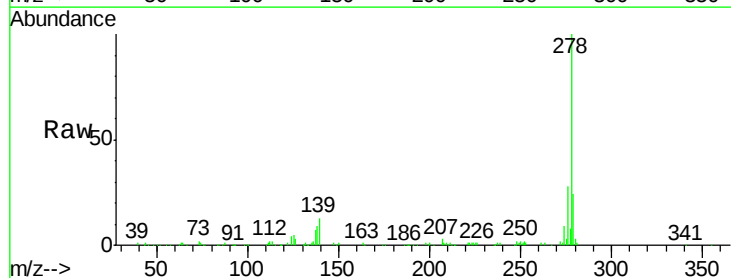
RT: 29.91 min Scan# 4479

Delta R.T. -0.11 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

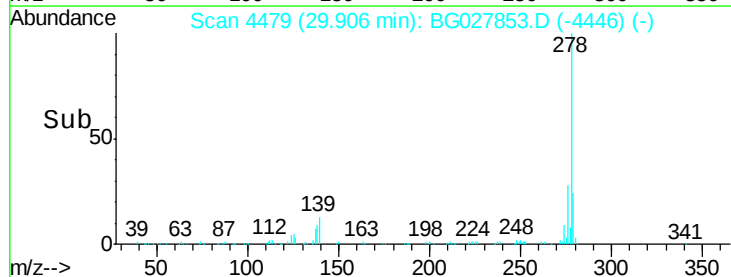
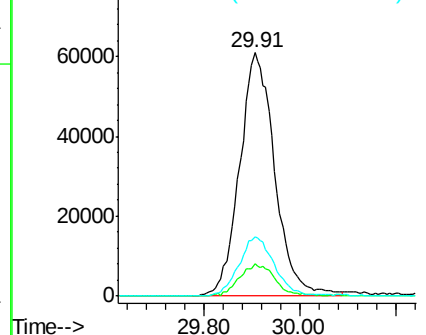
Tgt Ion:	278	Resp:	310366
Ion Ratio	Lower	Upper	
278	100		
139	13.2	7.7	11.5#
279	24.2	19.1	28.7

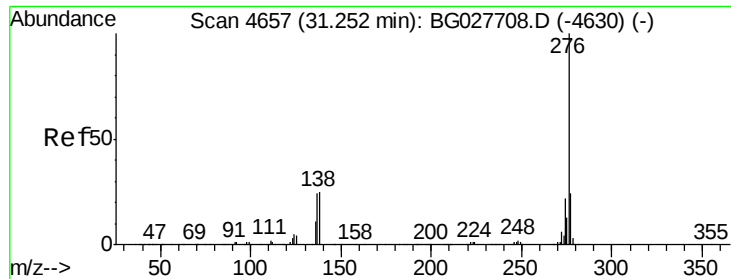


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 1383.507 ng
 RT: 31.14 min Scan# 4689
 Delta R.T. -0.11 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50MS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	27.8
138	19.2	8.1	12.1

