

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 :

Quant Time: Jul 06 00:59:15 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						
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						Qvalue
2) 1,4-Dioxane	4.02	88	17722	29.49	ng	# 85
4) n-Nitrosodimethylamine	4.31	42	38072	41.95	ng	99
6) Aniline	7.86	93	64968	22.73	ng	# 58
8) 2-Chlorophenol	8.02	128	80957	44.88	ng	87
9) Benzaldehyde	7.59	77	28655	19.53	ng	86
10) Phenol	7.63	94	76360	31.30	ng	90
11) bis(2-Chloroethyl)ether	7.86	93	64968	35.06	ng	93
12) 1,3-Dichlorobenzene	8.34	146	71772	37.41	ng	# 92
13) 1,4-Dichlorobenzene	8.48	146	74118	37.28	ng	92
14) 1,2-Dichlorobenzene	8.81	146	75235	39.03	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.96	45	136336	34.49	ng	98
17) 2-Methylphenol	8.88	107	54795	31.74	ng	# 88
18) Hexachloroethane	9.54	117	24810	35.48	ng	87
19) n-Nitroso-di-n-propylamine	9.24	70	80334	44.78	ng	# 97
20) 3+4-Methylphenols	9.21	107	71419	28.69	ng	88
22) Acetophenone	9.27	105	124343	42.79	ng	# 89
24) Nitrobenzene	9.66	77	91422	40.48	ng	# 83
25) Isophorone	10.18	82	216327	45.94	ng	# 94
26) 2-Nitrophenol	10.37	139	45098	44.20	ng	# 80
27) 2,4-Dimethylphenol	10.41	122	72410	37.89	ng	95
28) bis(2-Chloroethoxy)methane	10.65	93	17315	6.49	ng	# 90
29) 2,4-Dichlorophenol	10.91	162	86849	51.86	ng	97
30) 1,2,4-Trichlorobenzene	11.13	180	75186	44.02	ng	93
31) Naphthalene	11.32	128	262924	41.06	ng	99
32) Benzoic acid	10.53	122	39940	36.75	ng	# 79
33) 4-Chloroaniline	11.32	127	35133	12.70	ng	# 29
34) Hexachlorobutadiene	11.59	225	44813	47.09	ng	99
35) Caprolactam	12.30	113	25690	30.50	ng	90
36) 4-Chloro-3-methylphenol	12.51	107	92999	39.47	ng	89
37) 2-Methylnaphthalene	12.89	142	208488	43.71	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.25	216	100849	71.24	ng	98
40) Hexachlorocyclopentadiene	13.23	237	122495	183.52	ng	99
42) 2,4,6-Trichlorophenol	13.48	196	78938	77.20	ng	93
43) 2,4,5-Trichlorophenol	13.56	196	87847	75.82	ng	96

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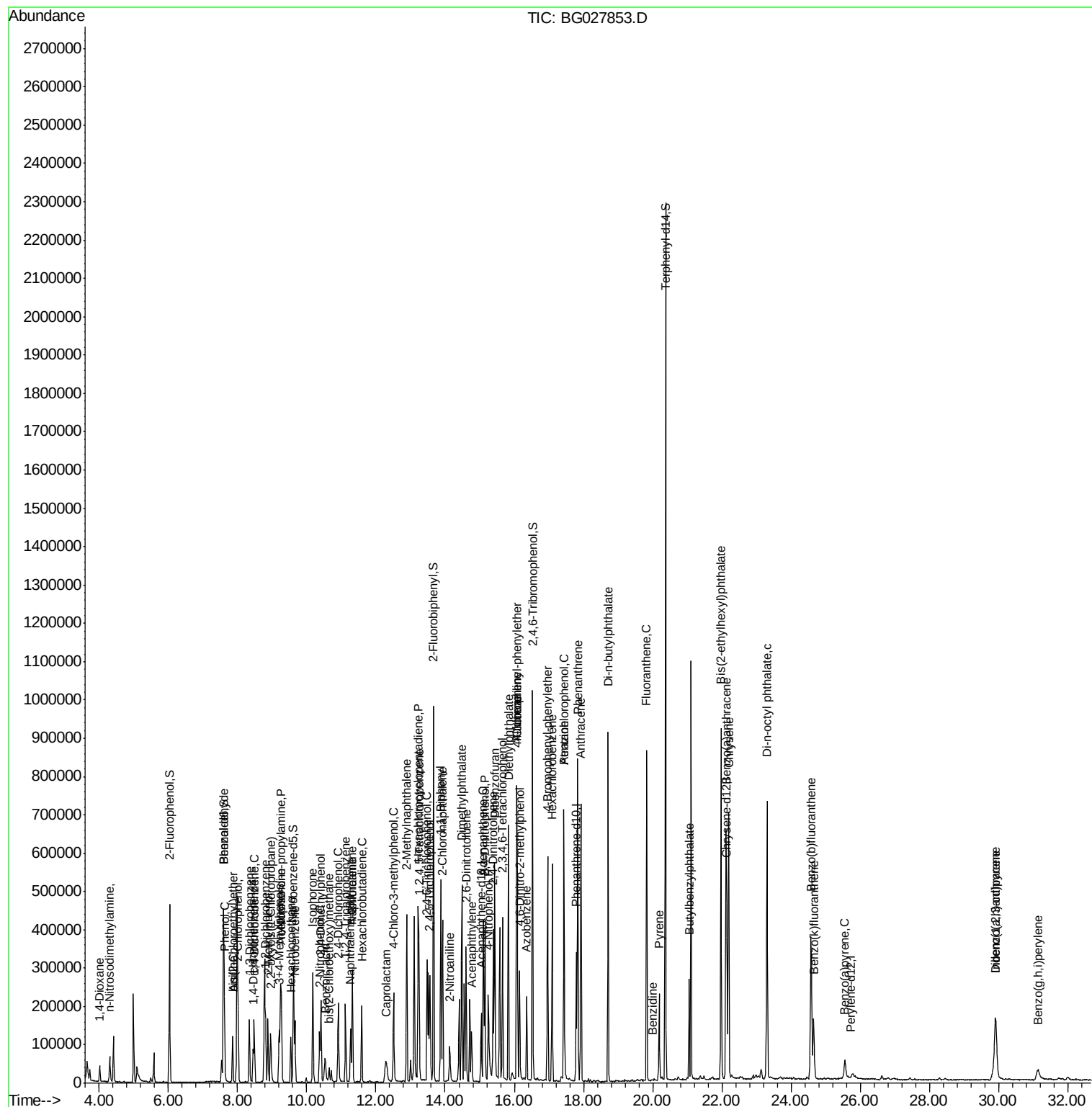
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.88	154	285611	66.14	nq	96
46) 2-Chloronaphthalene	13.93	162	217273	66.61	nq	99
47) 2-Nitroaniline	14.13	65	33882	25.95	nq #	81
48) Acenaphthylene	14.76	152	103442	17.35	nq	95
49) Dimethylphthalate	14.48	163	340199	74.02	nq	98
50) 2,6-Dinitrotoluene	14.61	165	75181	75.25	nq #	80
51) Acenaphthene	15.11	154	164691	43.11	nq	96
53) 2,4-Dinitrophenol	15.15	184	98214	168.50	nq	95
54) Dibenzofuran	15.43	168	377696	74.77	nq	98
55) 4-Nitrophenol	15.25	139	90914	101.33	nq #	66
56) 2,4-Dinitrotoluene	15.39	165	110834	79.54	nq #	89
57) Fluorene	16.09	166	324039	66.16	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.66	232	87280	87.39	nq	92
59) Diethylphthalate	15.83	149	377258	74.13	nq	95
60) 4-Chlorophenyl-phenylether	16.06	204	162636	75.01	nq	95
61) 4-Nitroaniline	16.09	138	5343	4.36	nq #	3
62) Azobenzene	16.36	77	125018	27.96	nq	95
64) 4,6-Dinitro-2-methylphenol	16.15	198	64157	48.96	nq	86
66) 4-Bromophenyl-phenylether	16.96	248	117482	53.63	nq	95
67) Hexachlorobenzene	17.09	284	126471	54.51	nq	94
68) Atrazine	17.44	200	27987	13.01	nq #	36
69) Pentachlorophenol	17.44	266	144865	96.43	nq	96
70) Phenanthrene	17.83	178	556439	46.02	nq	95
71) Anthracene	17.93	178	478155	39.16	nq	99
73) Di-n-butylphthalate	18.71	149	650367	49.22	nq #	94
74) Fluoranthene	19.82	202	557610	42.20	nq	95
76) Benzidine	19.99	184	64	3.23	nq #	64
77) Pyrene	20.19	202	157575	13.65	nq	95
79) Butylbenzylphthalate	21.06	149	90342	17.37	nq #	85
80) Benzo(a)anthracene	22.12	228	443516	39.87	nq	94
82) Chrysene	22.20	228	494711	47.45	nq	96
83) Bis(2-ethylhexyl)phthalate	21.97	149	401218	52.80	nq	98
84) Di-n-octyl phthalate	23.31	149	676415	53.88	nq #	89
85) Indeno(1,2,3-cd)pyrene	29.91	276	124147	10.42	nq #	77
87) Benzo(b)fluoranthene	24.58	252	413465	7227.15	nq #	95
88) Benzo(k)fluoranthene	24.65	252	170560	3016.06	nq #	97
89) Benzo(a)pyrene	25.56	252	80787	1504.91	nq #	94
90) Dibenzo(a,h)anthracene	29.91	278	310366	5706.95	nq #	97
91) Benzo(g,h,i)perylene	31.14	276	72309	1383.51	nq #	92

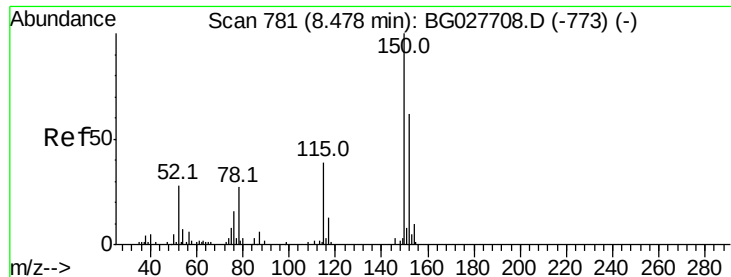
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.45 min Scan# 827

Delta R.T. -0.03 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampled :

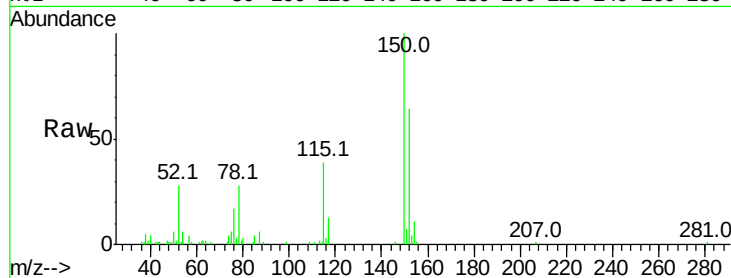
Tot Ion:152 Resp: 24858

Ion Ratio Lower Upper

152 100

150 156.0 114.0 171.0

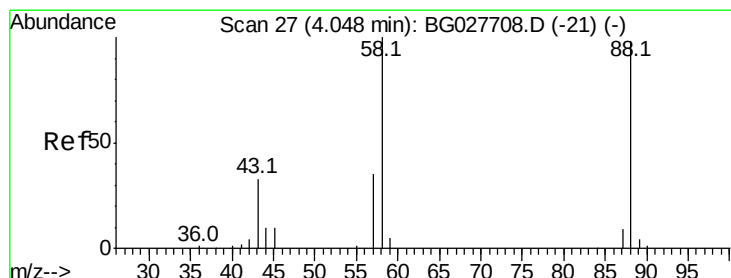
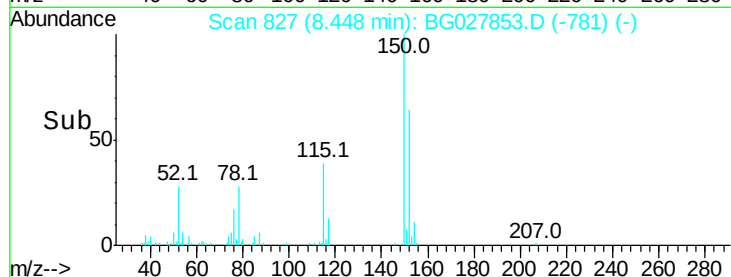
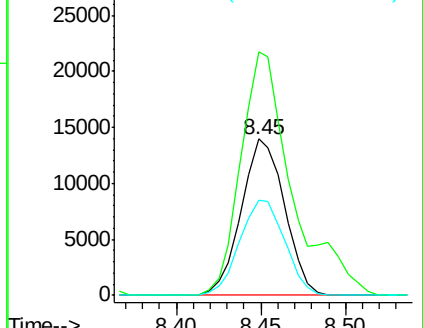
115 60.8 48.1 72.1



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: 29.49 ng

RT: 4.02 min Scan# 73

Delta R.T. -0.03 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

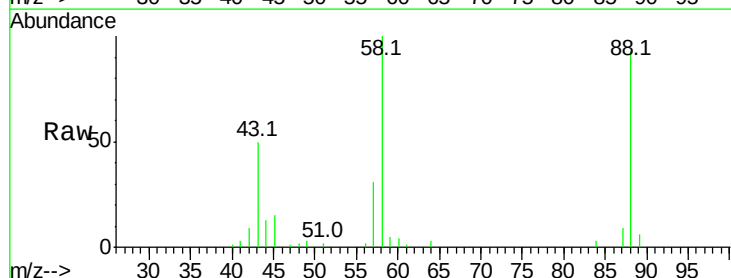
Tgt Ion: 88 Resp: 17722

Ion Ratio Lower Upper

88 100

58 112.7 79.4 119.2

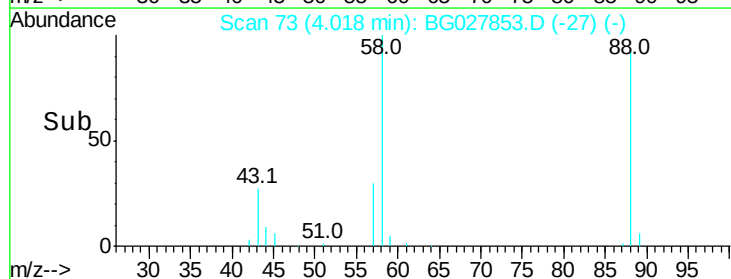
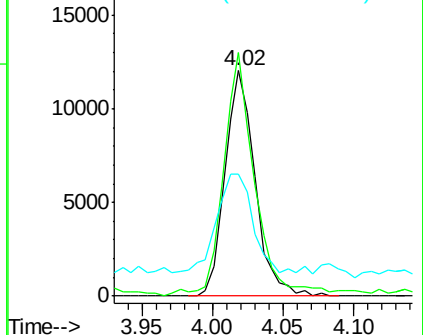
43 53.7 33.8 50.6#

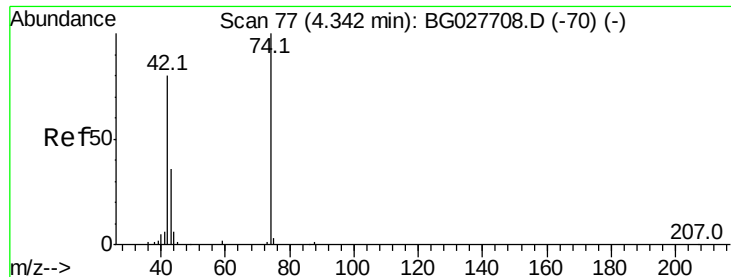


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC



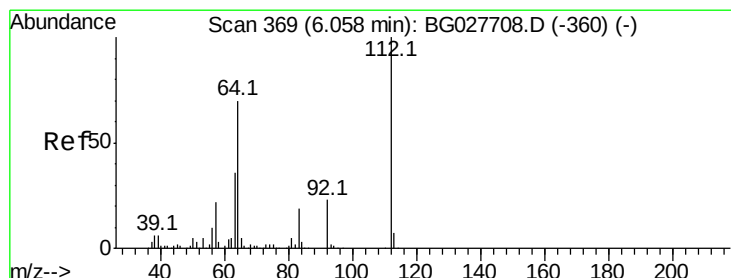
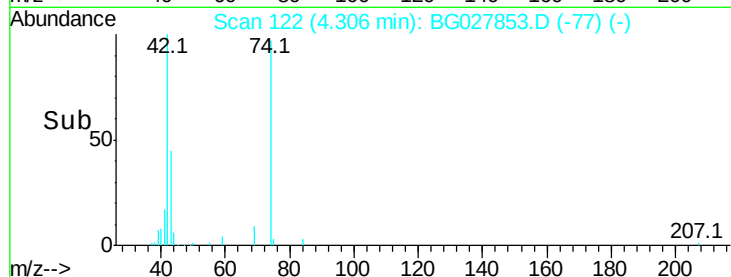
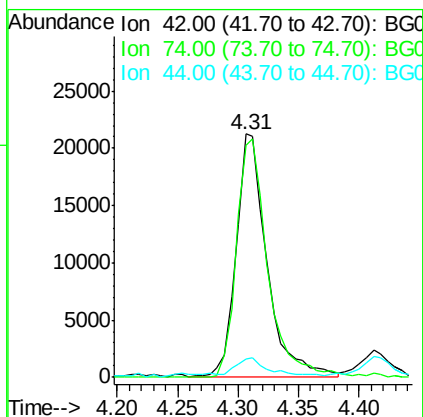
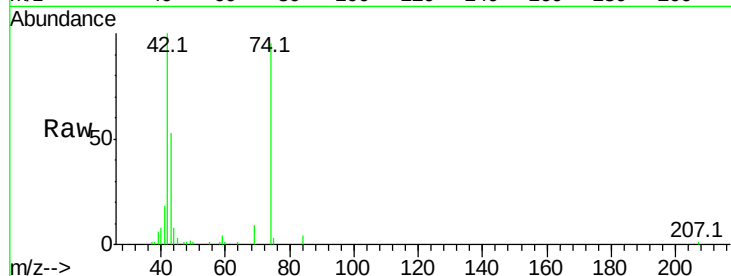


#4

n-Nitrosodimethylamine
Concen: 41.95 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 :

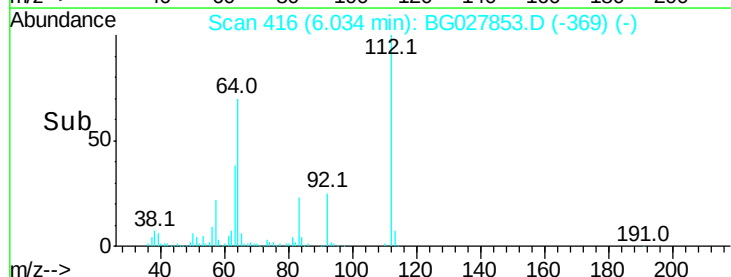
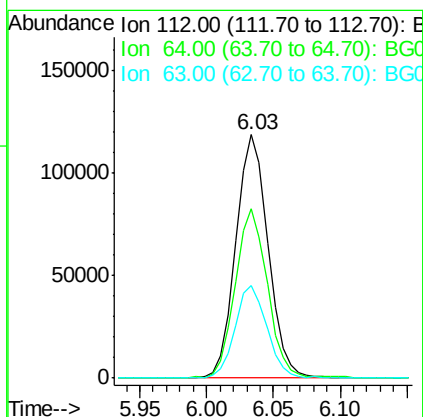
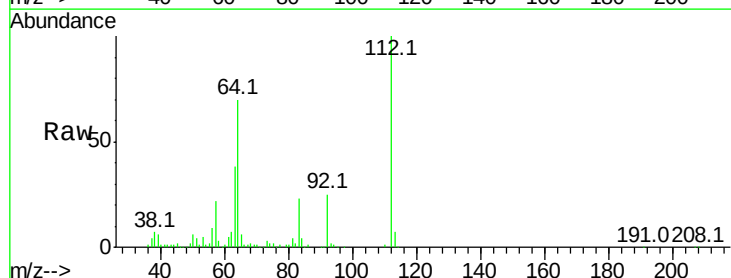
Tot Ion: 42 Resp: 38072
Ion Ratio Lower Upper
42 100
74 95.3 76.7 115.1
44 7.7 6.1 9.1

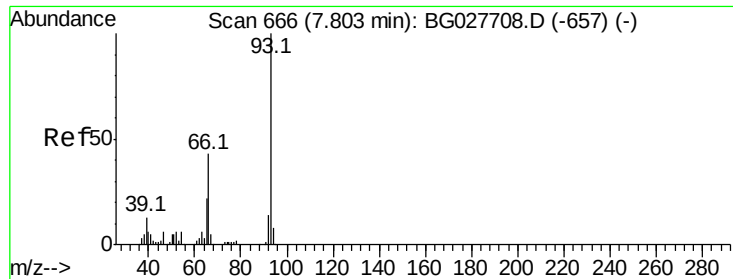


#5

2-Fluorophenol
Concen: 123.47 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





#6

Aniline

Concen: 22.73 ng

RT: 7.86 min Scan# 727

Delta R.T. 0.06 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

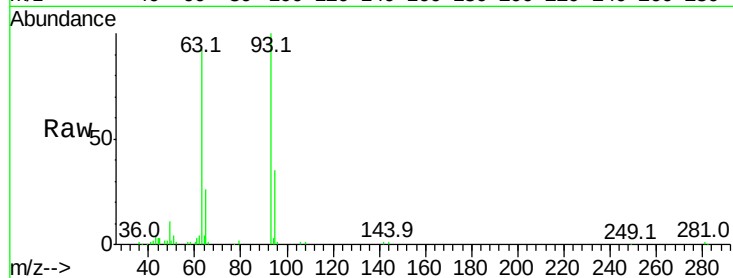
Tot Ion: 93 Resp: 64968

Ion Ratio Lower Upper

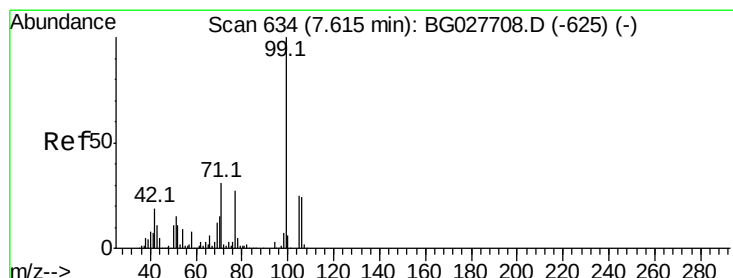
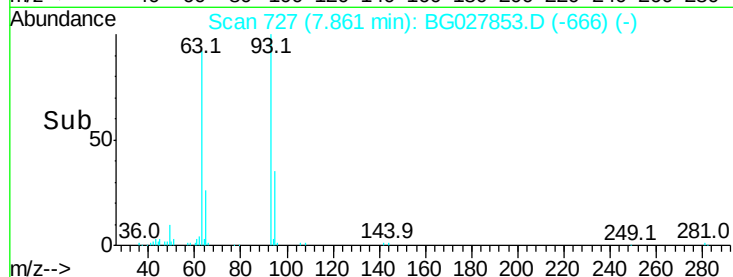
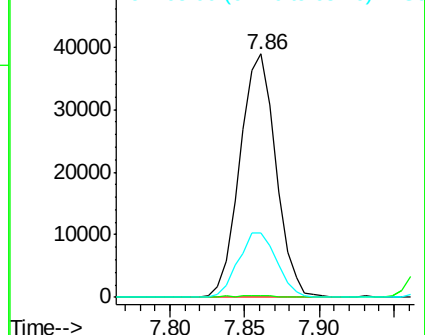
93 100

66 0.8 35.4 53.2#

65 26.4 21.2 31.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 85.01 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

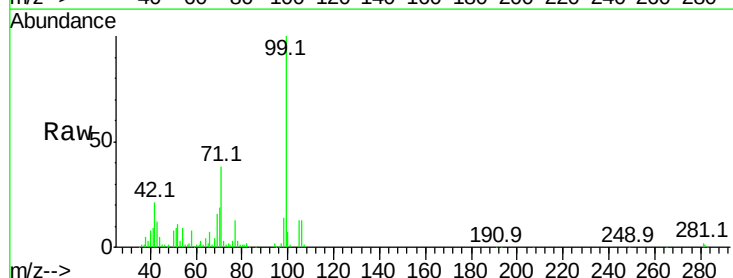
Tgt Ion: 99 Resp: 209643

Ion Ratio Lower Upper

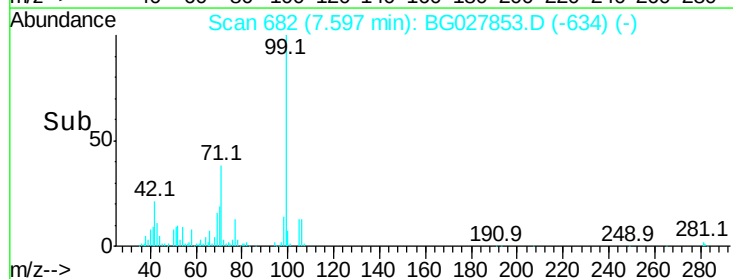
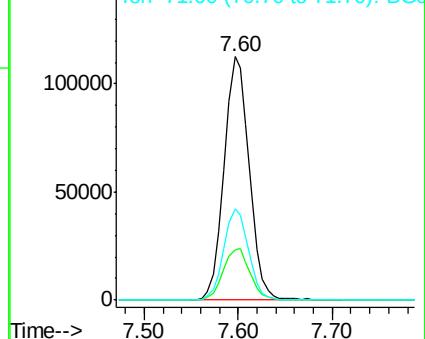
99 100

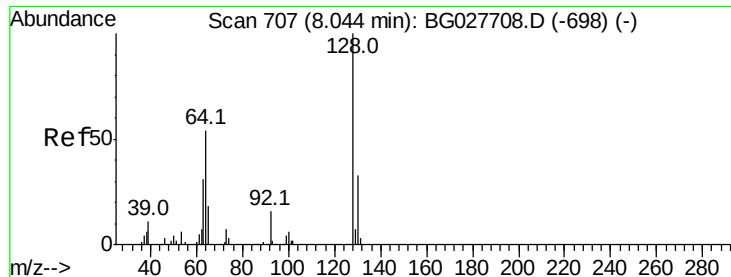
42 20.6 20.5 30.7

71 37.8 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 44.88 ng

RT: 8.02 min Scan# 754

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

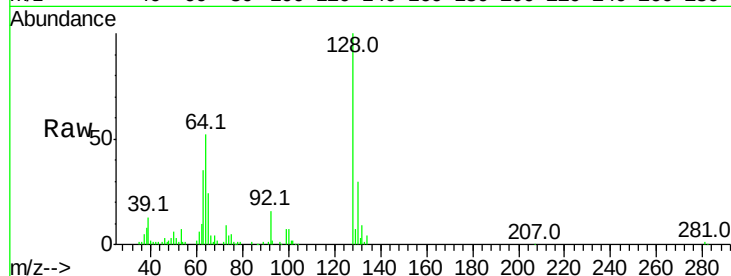
Tot Ion:128 Resp: 80957

Ion Ratio Lower Upper

128 100

130 30.1 11.4 51.4

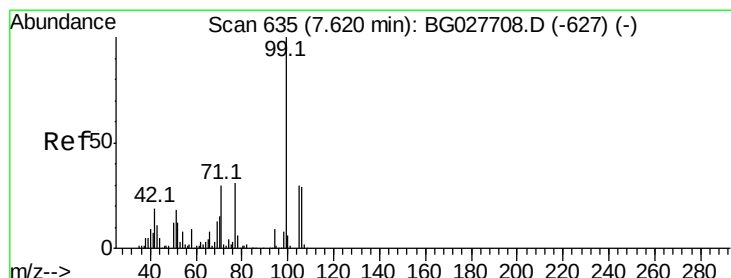
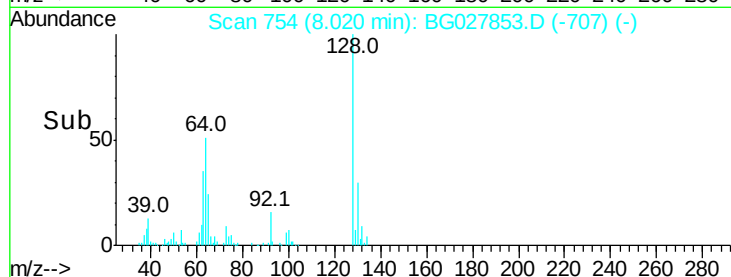
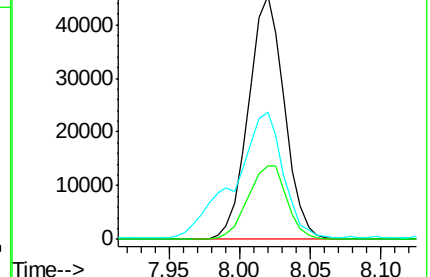
64 52.1 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 19.53 ng

RT: 7.59 min Scan# 681

Delta R.T. -0.03 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

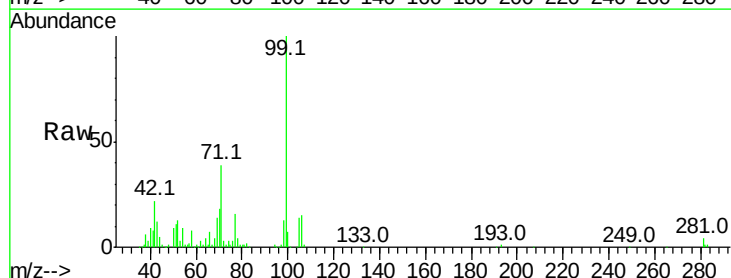
Tgt Ion: 77 Resp: 28655

Ion Ratio Lower Upper

77 100

105 89.8 60.9 100.9

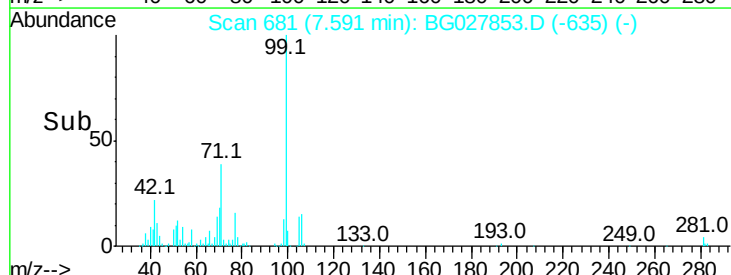
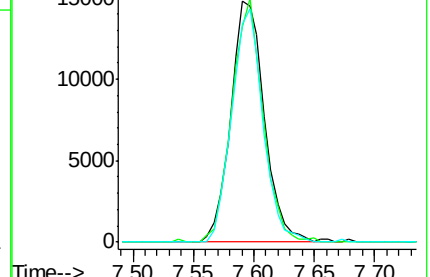
106 90.7 55.1 95.1

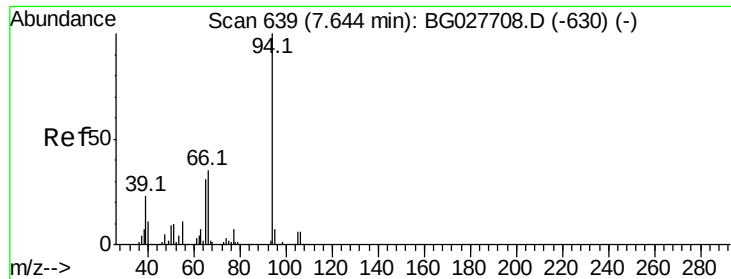


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

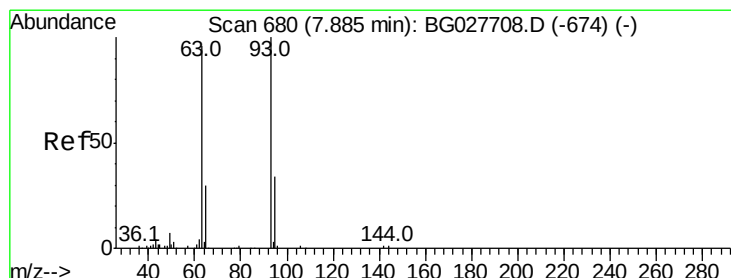
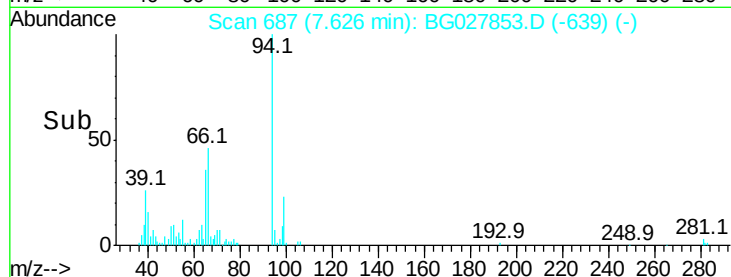
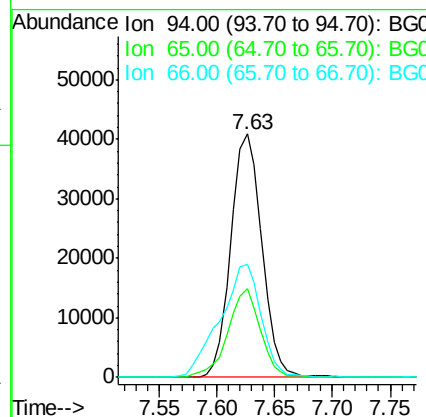
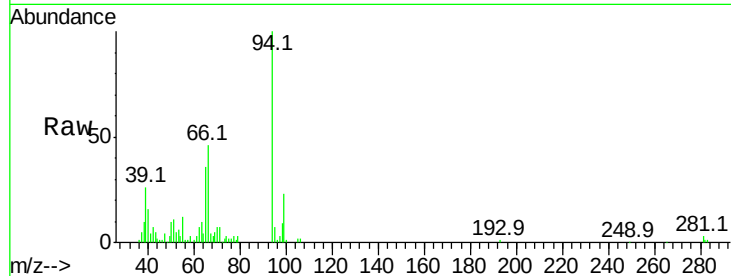




#10
Phenol
Concen: 31.30 ng
RT: 7.63 min Scan# 687
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

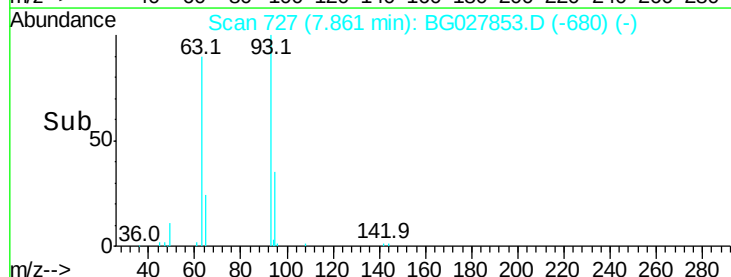
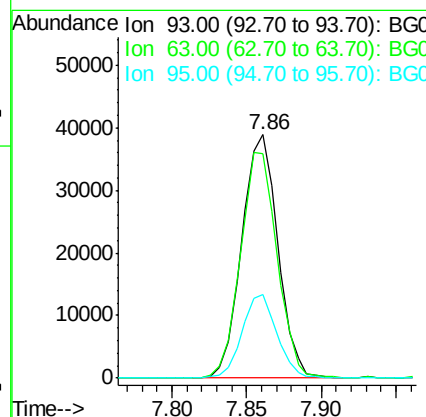
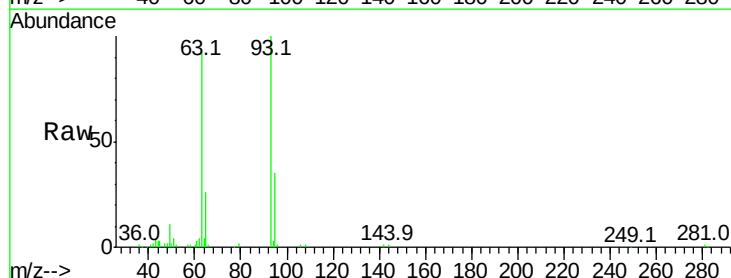
Instrument :
BNA_G
ClientSampleId :

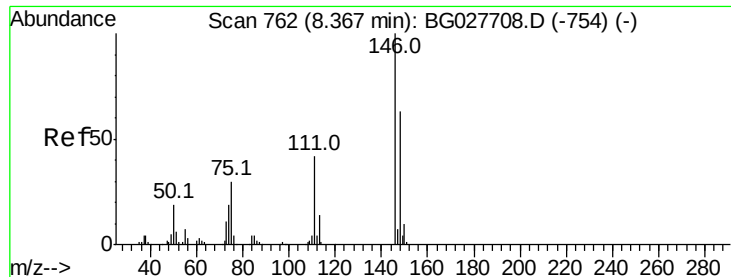
Tot Ion: 94 Resp: 76360
Ion Ratio Lower Upper
94 100
65 36.2 20.6 60.6
66 46.4 35.5 75.5



#11
bis(2-Chloroethyl)ether
Concen: 35.06 ng
RT: 7.86 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

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

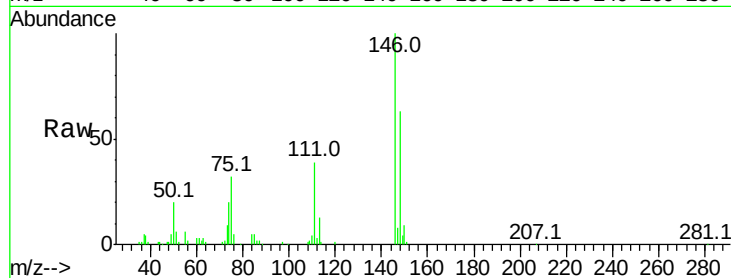




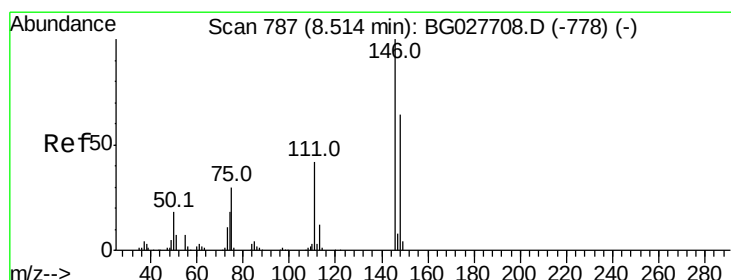
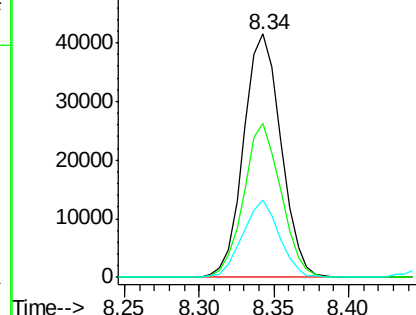
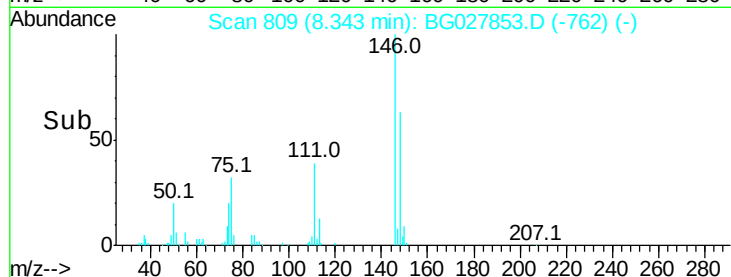
#12
 1,3-Dichlorobenzene
 Concen: 37.41 ng
 RT: 8.34 min Scan# 809
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :

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

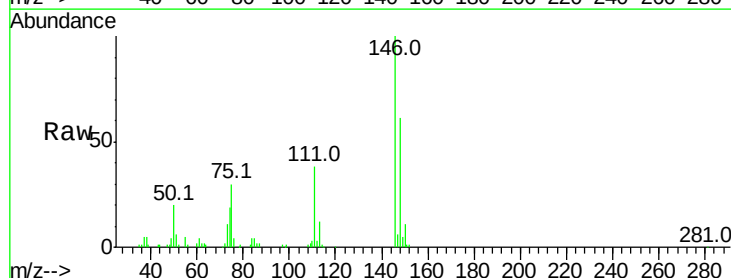


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

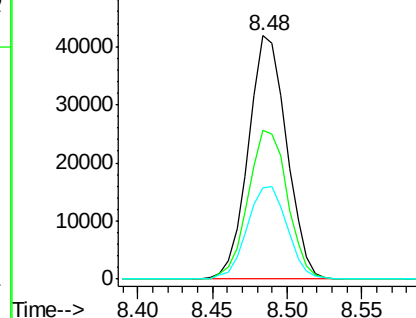
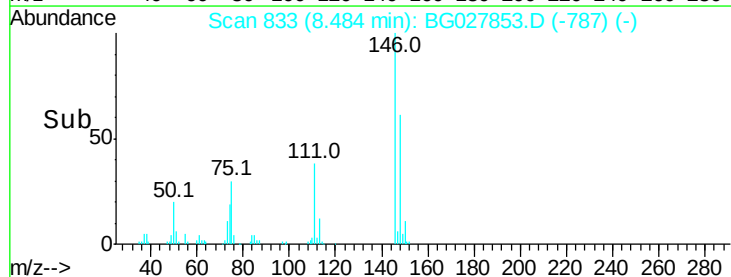


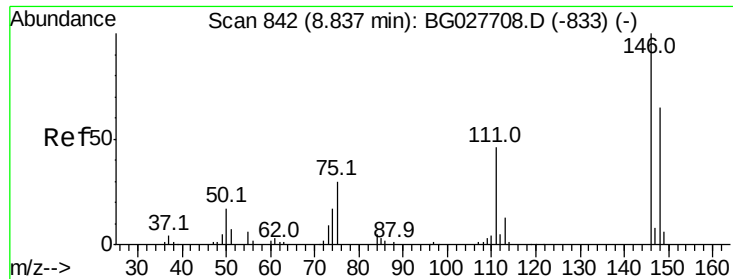
#13
 1,4-Dichlorobenzene
 Concen: 37.28 ng
 RT: 8.48 min Scan# 833
 Delta R.T. -0.03 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

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: 39.03 ng

RT: 8.81 min Scan# 889

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

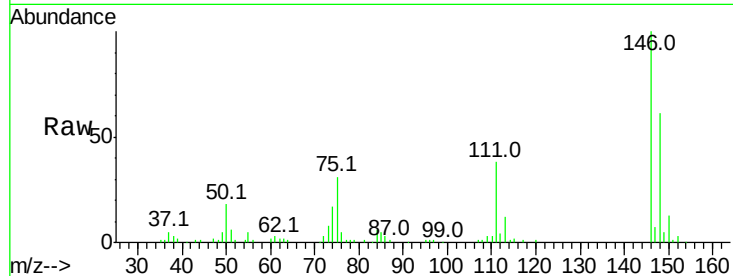
Tot Ion:146 Resp: 75235

Ion Ratio Lower Upper

146 100

148 60.9 54.6 81.8

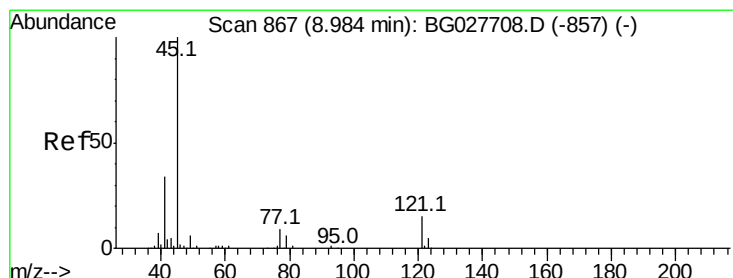
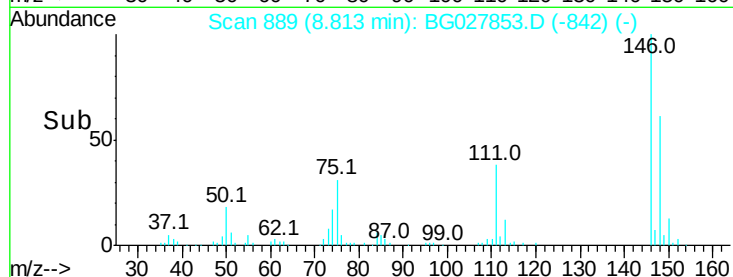
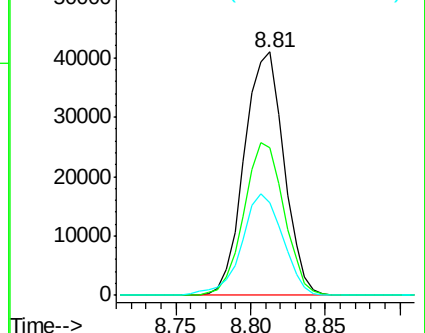
111 37.9 39.7 59.5#



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: 34.49 ng

RT: 8.96 min Scan# 914

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

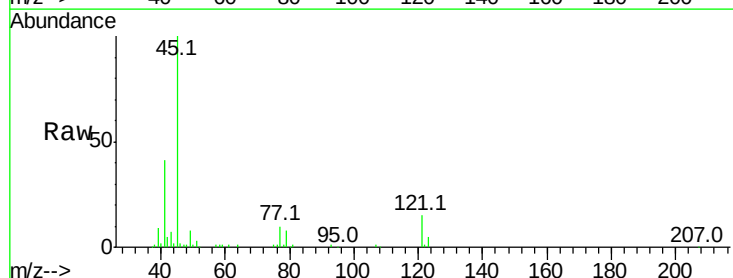
Tgt Ion: 45 Resp: 136336

Ion Ratio Lower Upper

45 100

77 9.5 0.0 30.6

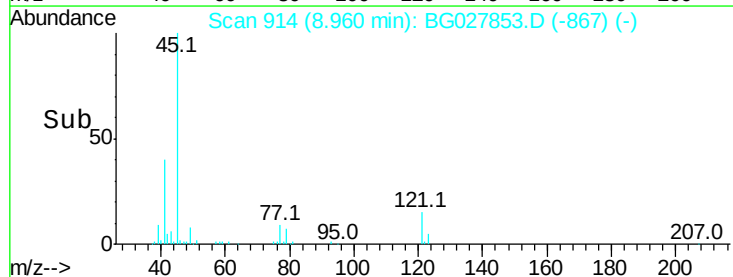
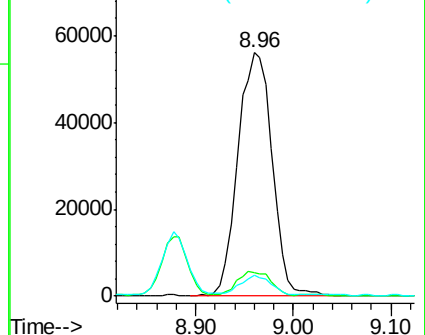
79 8.4 0.0 28.5

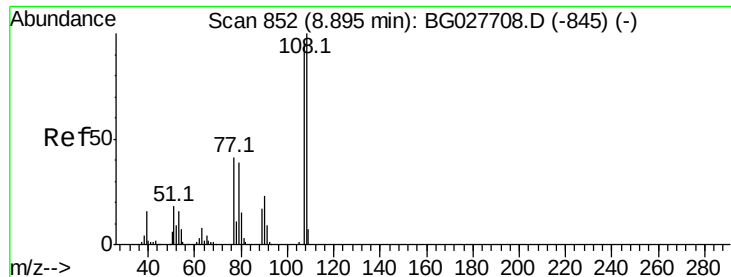


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 31.74 ng

RT: 8.88 min Scan# 900

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 54795

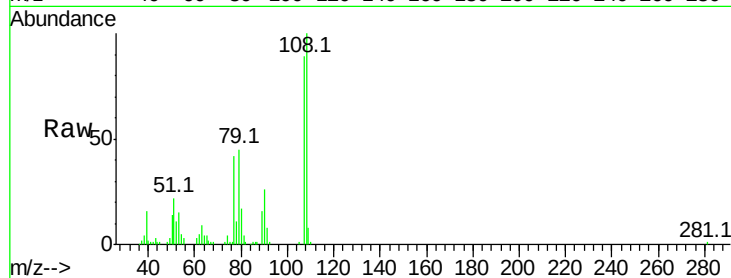
Ion Ratio Lower Upper

107 100

108 113.0 85.6 128.4

77 47.0 51.4 77.2#

79 51.0 49.2 73.8

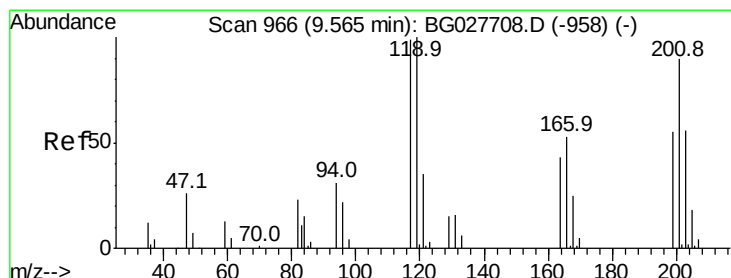
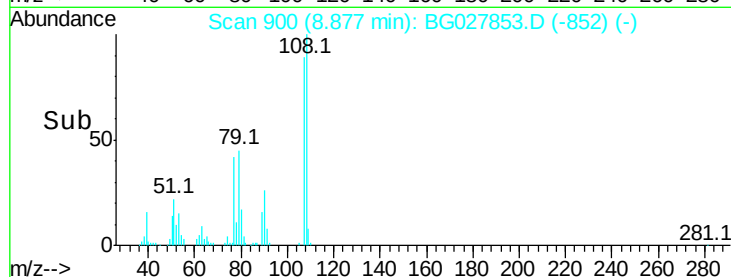
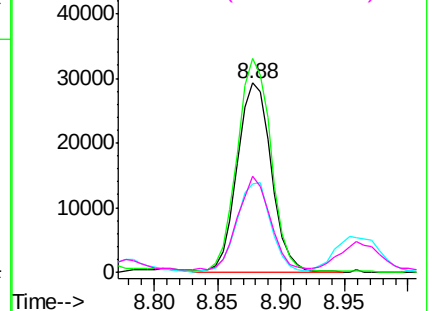


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 35.48 ng

RT: 9.54 min Scan# 1013

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

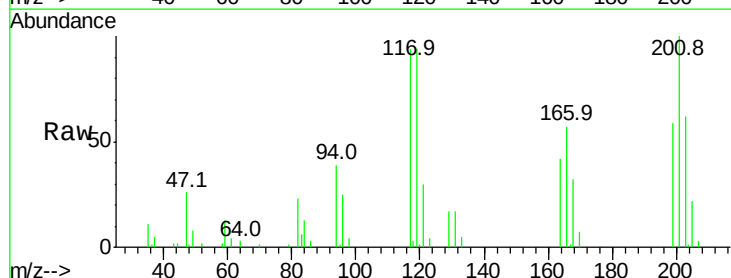
Tgt Ion:117 Resp: 24810

Ion Ratio Lower Upper

117 100

119 99.9 69.8 104.6

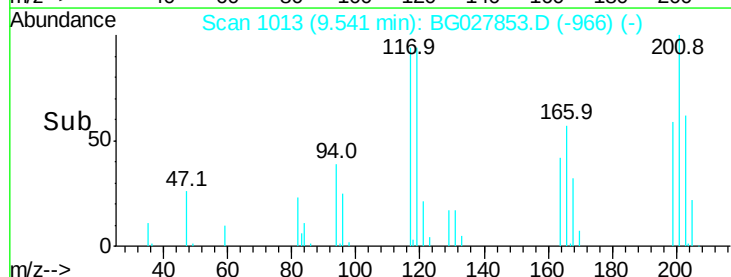
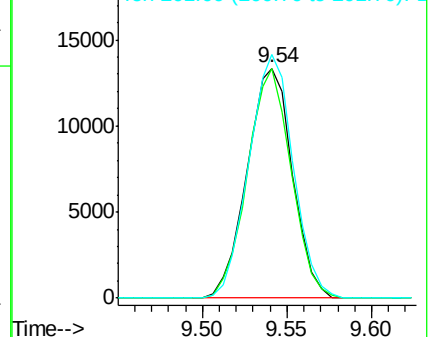
201 106.0 95.4 143.0

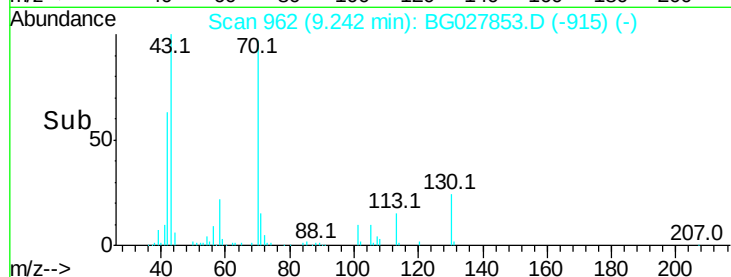
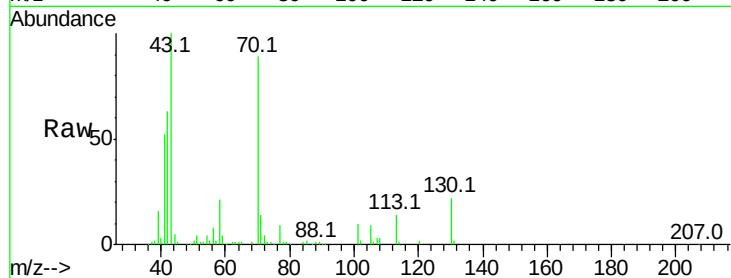
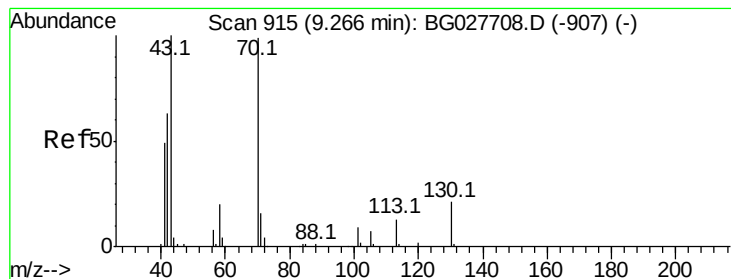


Abundance Ion 117.00 (116.70 to 117.70): E

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: 44.78 ng

RT: 9.24 min Scan# 962

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

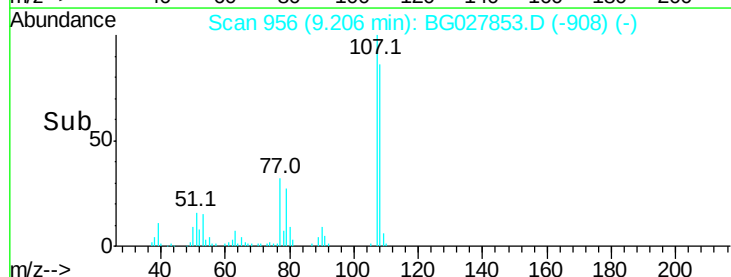
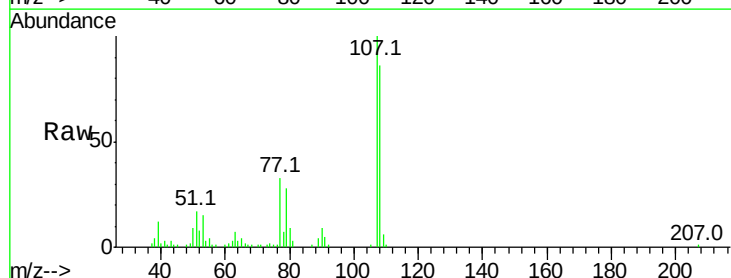
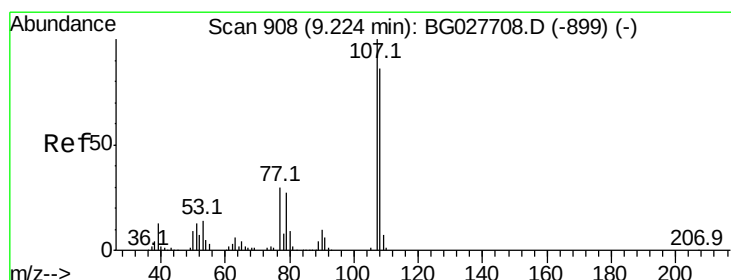
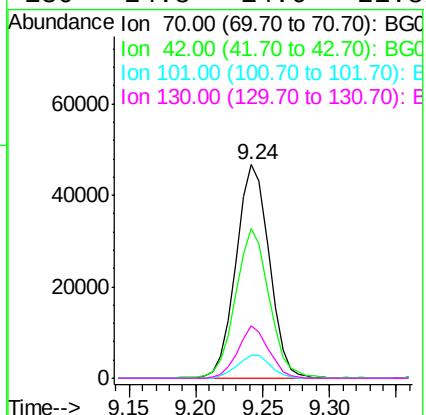
BNA_G

ClientSampleId :

Tot 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



#20

3+4-Methylphenols

Concen: 28.69 ng

RT: 9.21 min Scan# 956

Delta R.T. -0.02 min

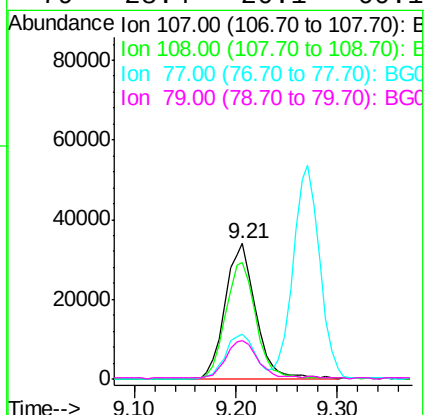
Lab File: BG027853.D

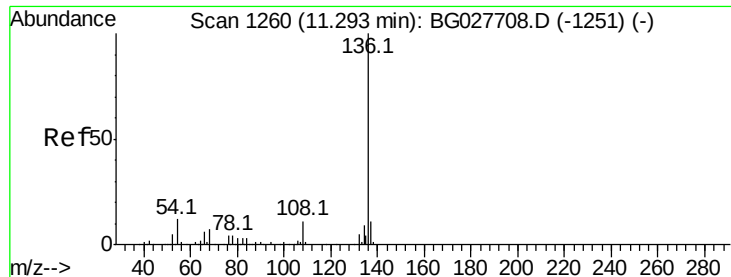
Acq: 5 Jul 2017 18:31

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

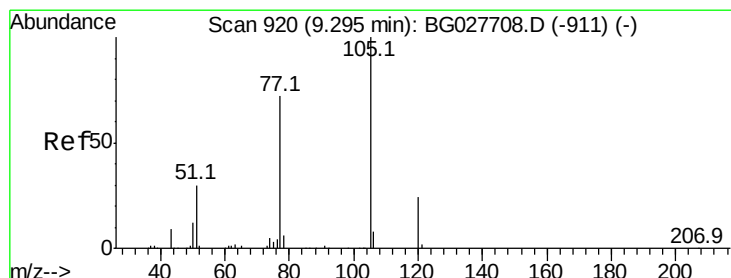
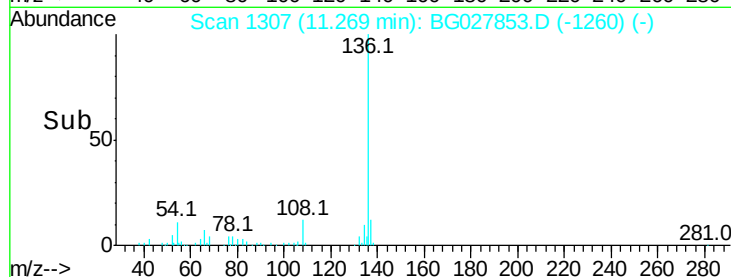
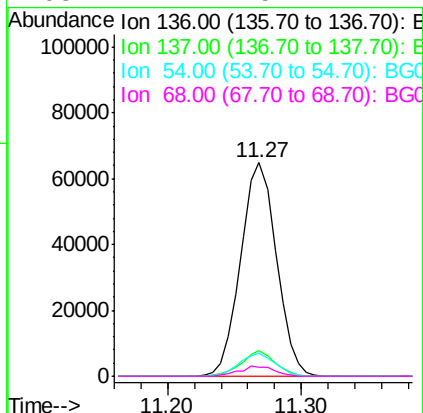
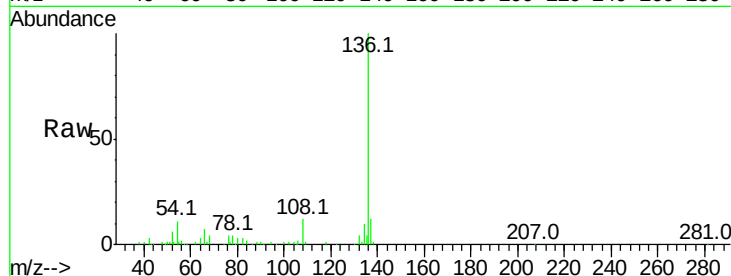




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.27 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

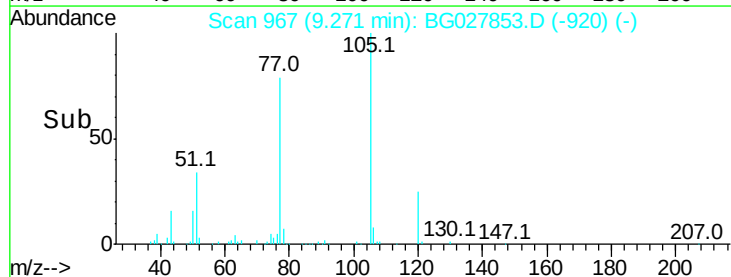
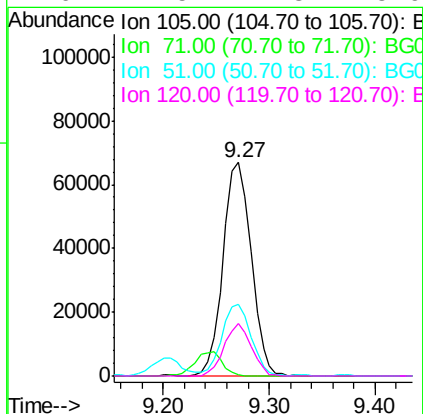
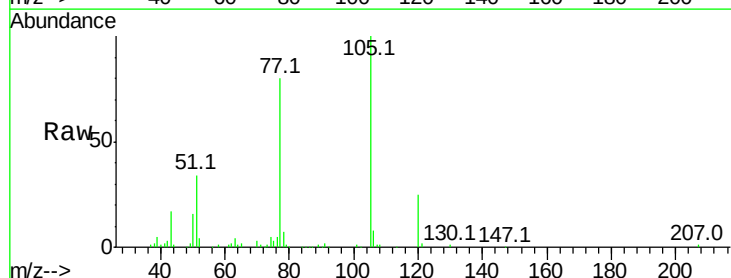
Instrument :
BNA_G
ClientSampleId :

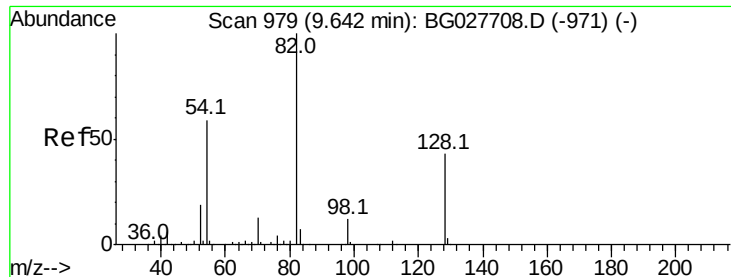
Tot Ion:136	Resp:	120423
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.9 13.3
54	10.6	9.3 13.9
68	4.2	5.1 7.7#



#22
Acetophenone
Concen: 42.79 ng
RT: 9.27 min Scan# 967
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

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

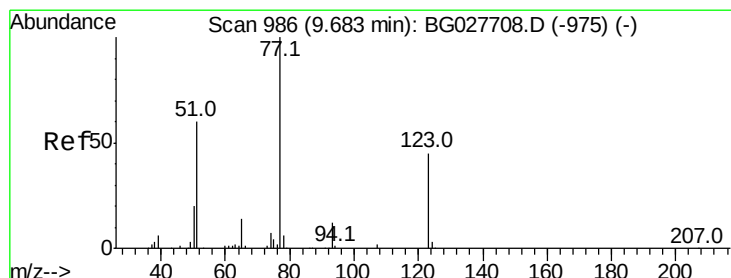
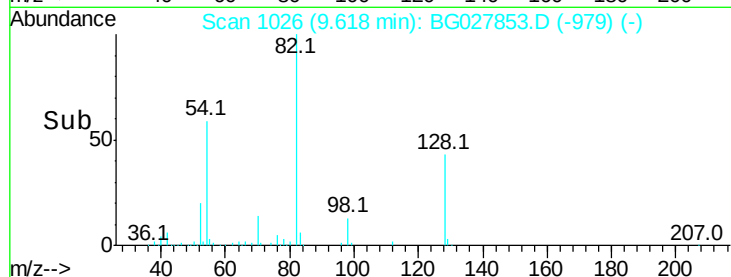
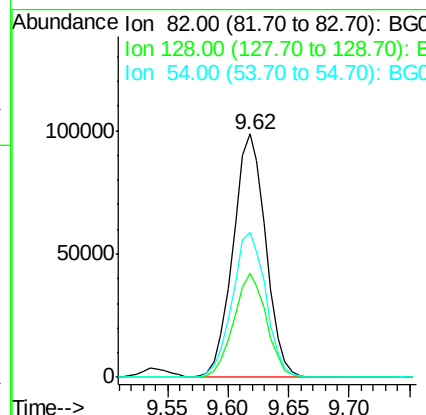
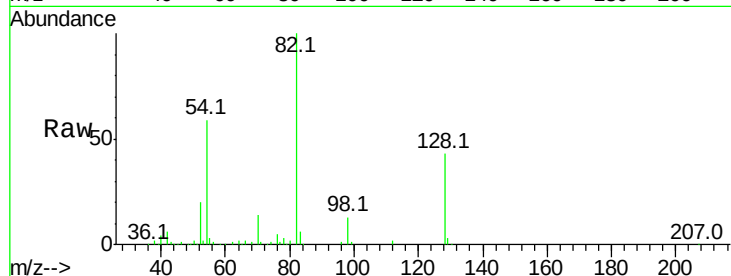




#23
 Nitrobenzene-d5
 Concen: 85.81 ng
 RT: 9.62 min Scan# 1026
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

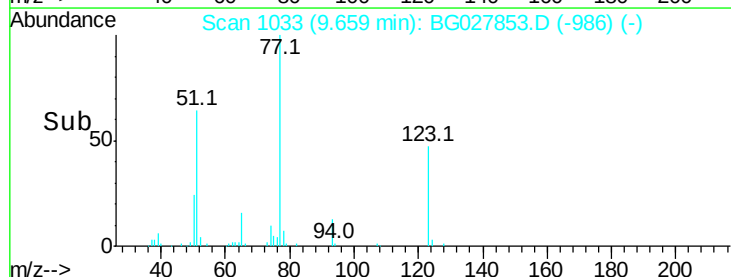
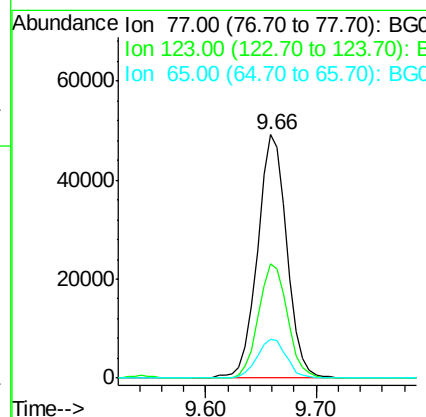
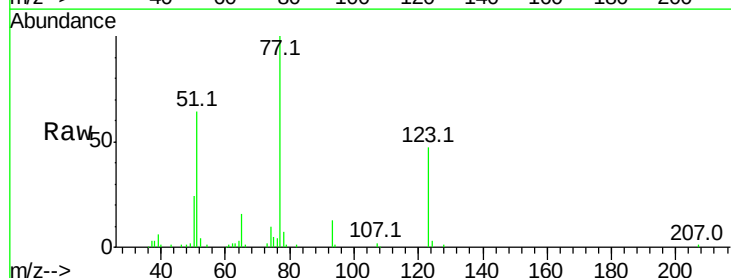
Instrument :
 BNA_G
 ClientSampleId :

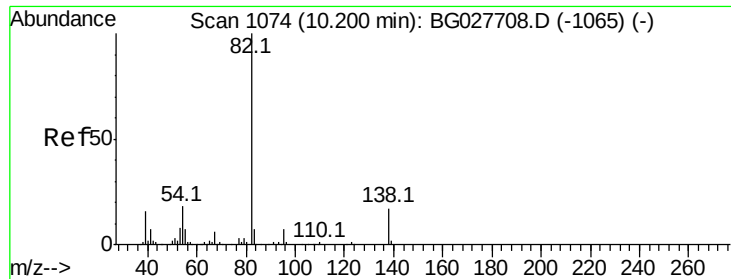
Tot Ion: 82 Resp: 185375
 Ion Ratio Lower Upper
 82 100
 128 42.7 26.4 39.6#
 54 59.3 49.4 74.2



#24
 Nitrobenzene
 Concen: 40.48 ng
 RT: 9.66 min Scan# 1033
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

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: 45.94 ng

RT: 10.18 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

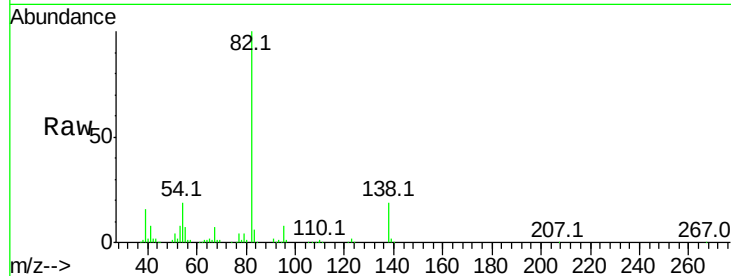
Tot Ion: 82 Resp: 216327

Ion Ratio Lower Upper

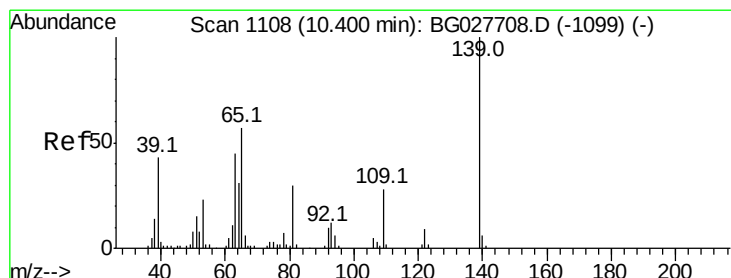
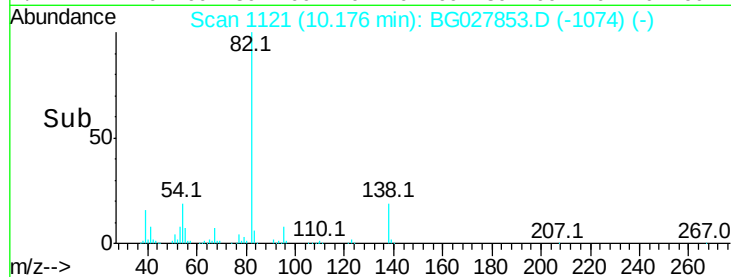
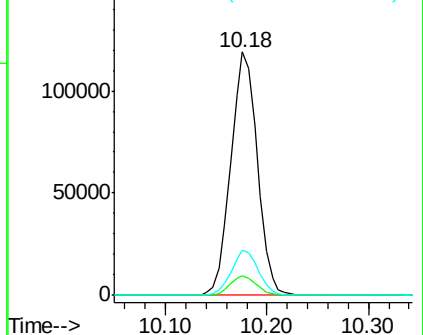
82 100

95 8.1 7.5 11.3

138 18.8 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 44.20 ng

RT: 10.37 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

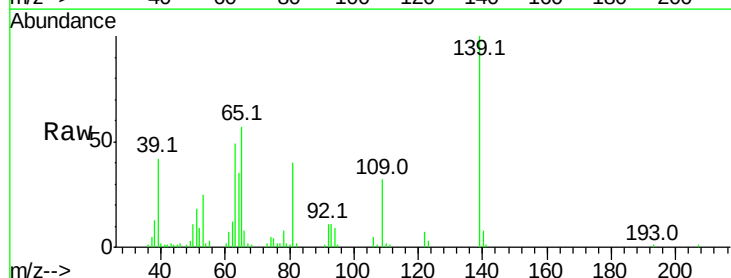
Tgt Ion: 139 Resp: 45098

Ion Ratio Lower Upper

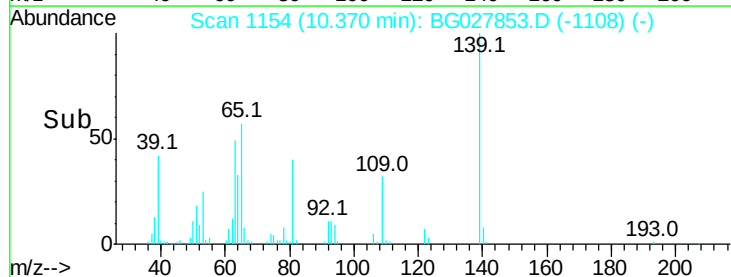
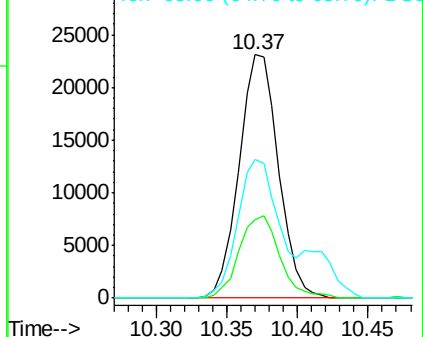
139 100

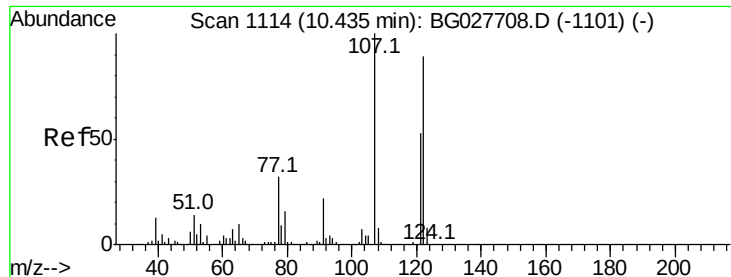
109 32.0 38.6 58.0#

65 56.9 57.1 85.7#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

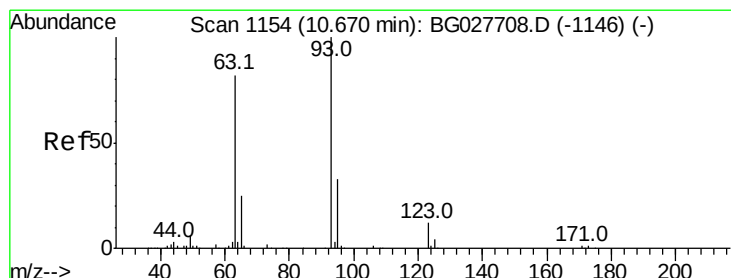
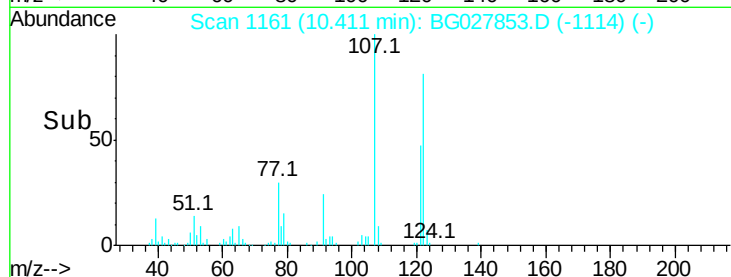
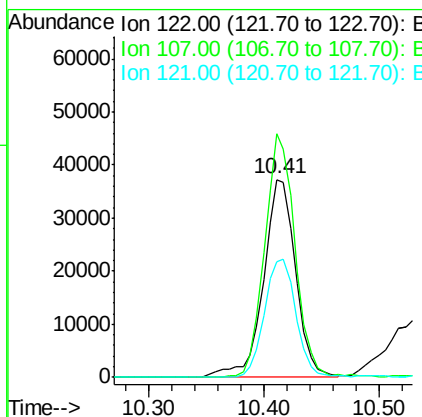
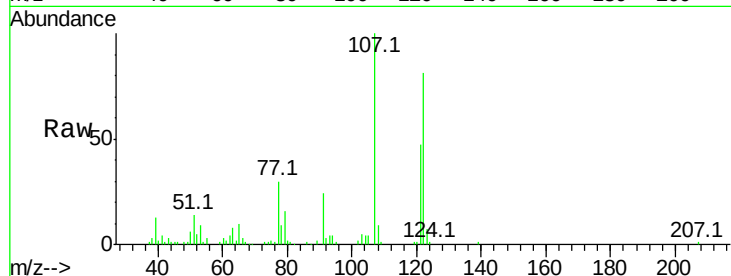




#27
2,4-Dimethylphenol
Concen: 37.89 ng
RT: 10.41 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

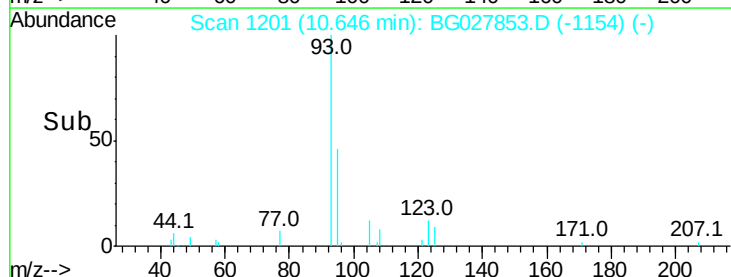
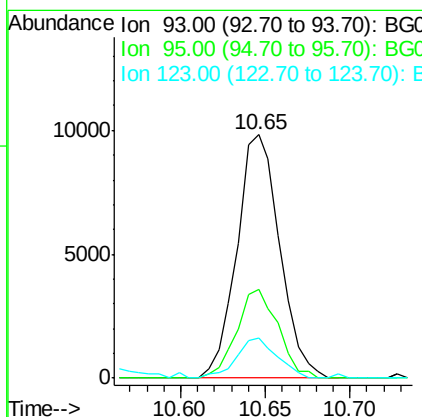
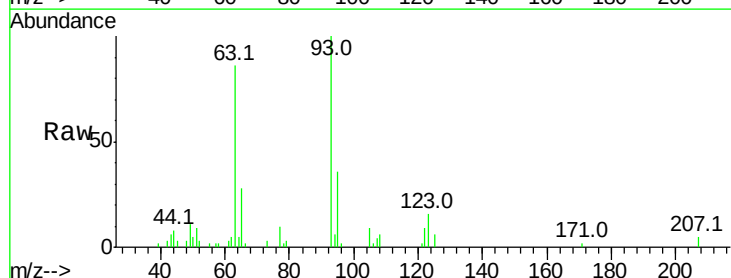
Instrument :
BNA_G
ClientSampled :

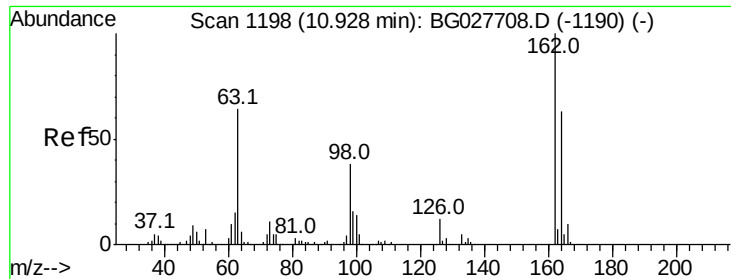
Tot Ion:122 Resp: 72410
Ion Ratio Lower Upper
122 100
107 123.2 104.2 156.4
121 58.2 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 6.49 ng
RT: 10.65 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

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#

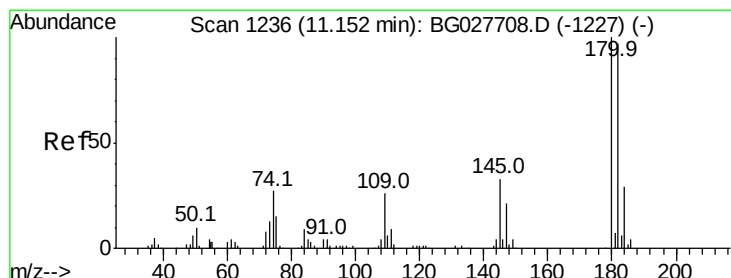
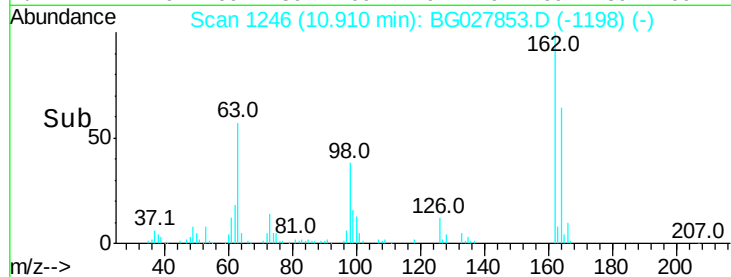
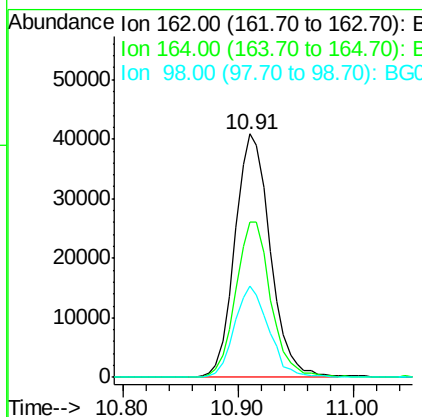
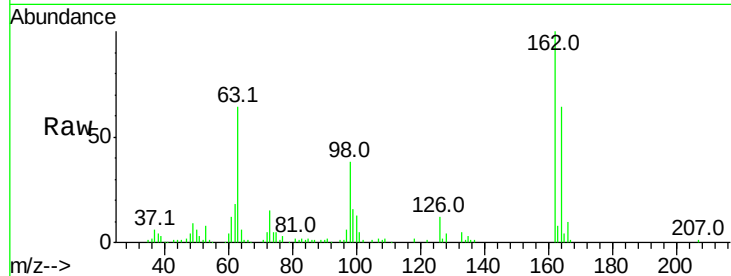




#29
 2,4-Dichlorophenol
 Concen: 51.86 ng
 RT: 10.91 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

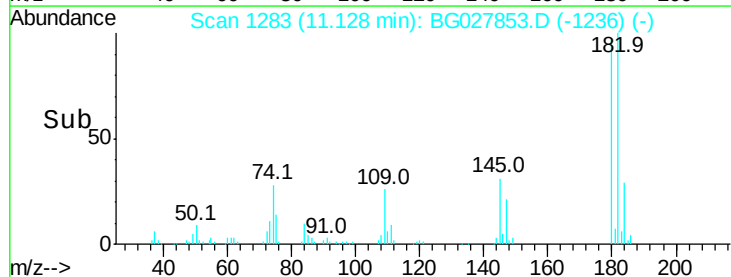
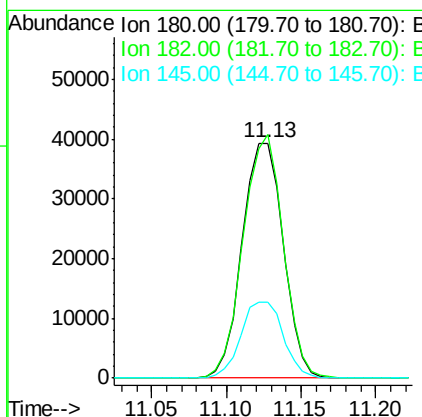
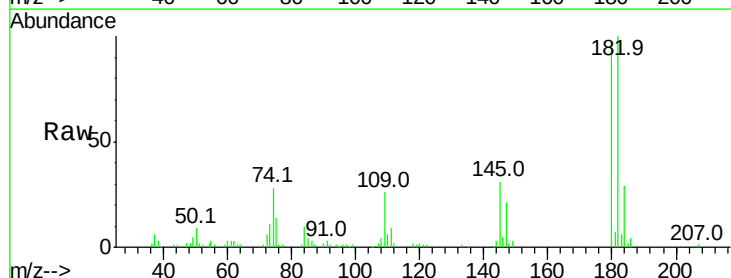
Instrument :
 BNA_G
 ClientSampleId :

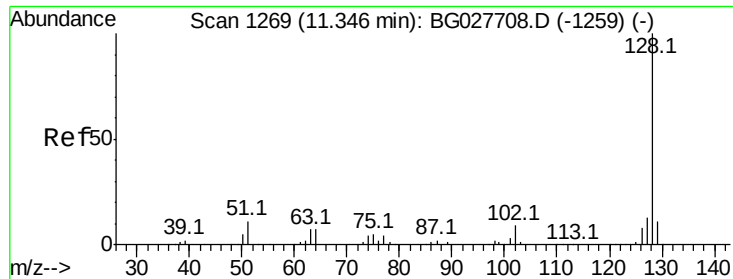
Tot Ion:162 Resp: 86849
 Ion Ratio Lower Upper
 162 100
 164 64.0 42.4 82.4
 98 37.6 20.3 60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.02 ng
 RT: 11.13 min Scan# 1283
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

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

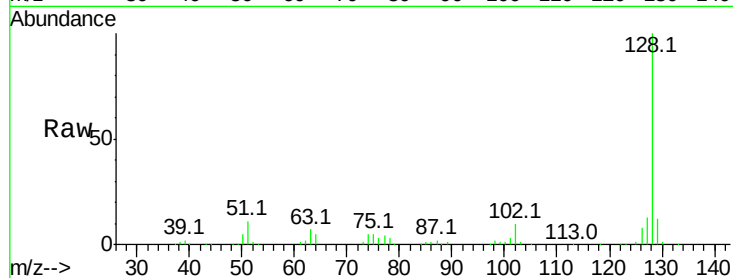




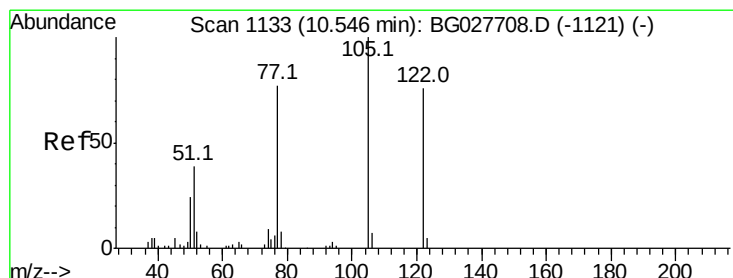
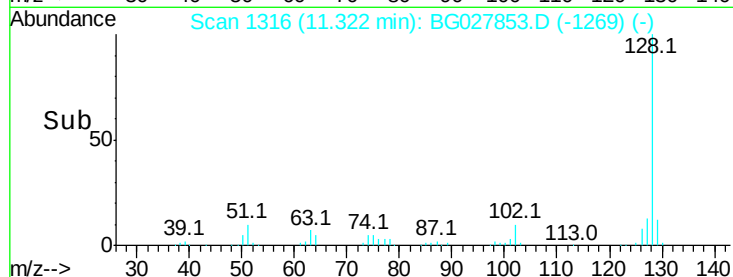
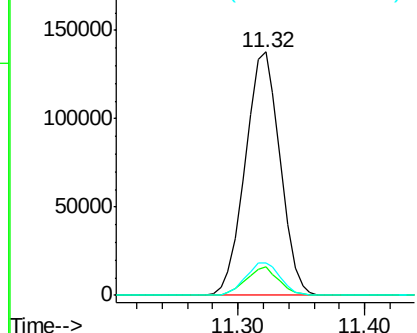
#31
Naphthalene
Concen: 41.06 ng
RT: 11.32 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Instrument :
BNA_G
ClientSampleId :

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

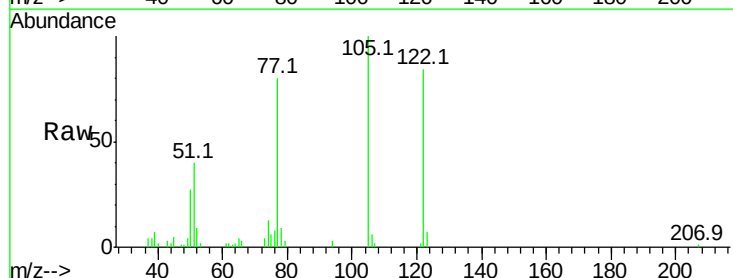


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

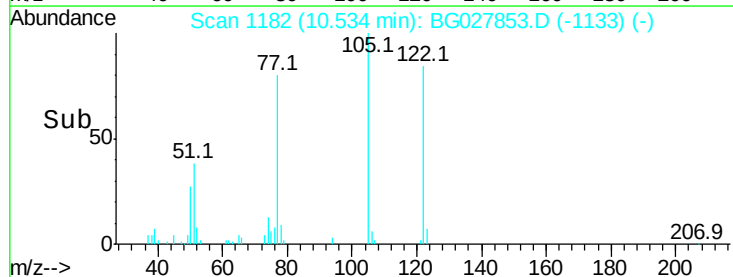
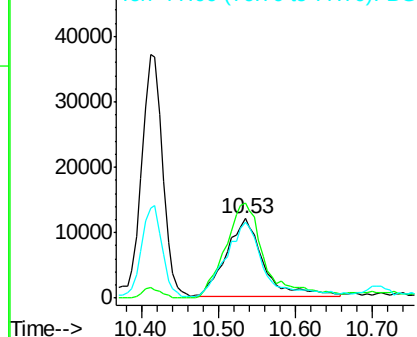


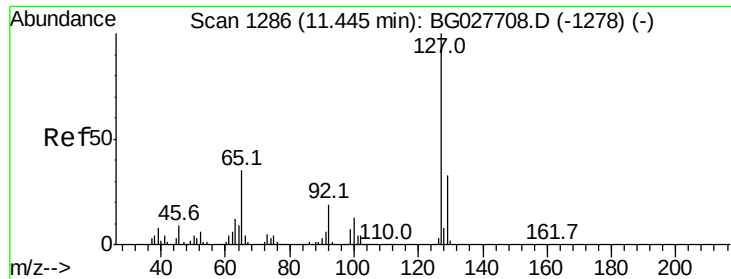
#32
Benzoic acid
Concen: 36.75 ng
RT: 10.53 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Tgt Ion:122 Resp: 39940
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): BG

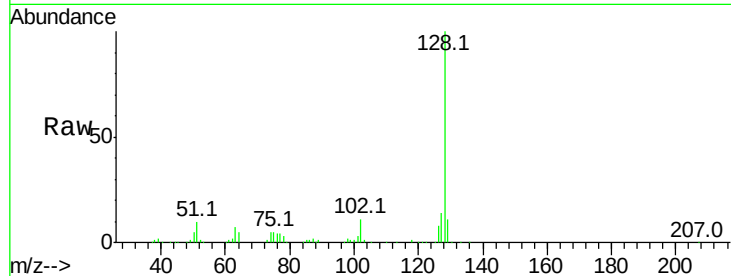




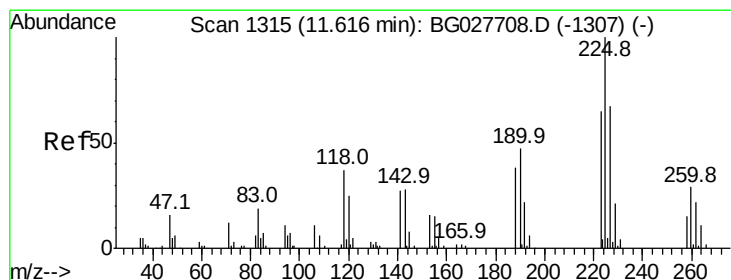
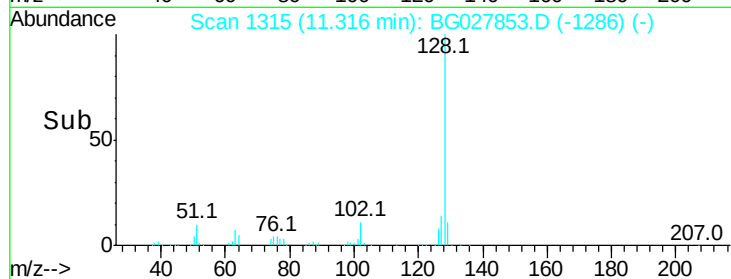
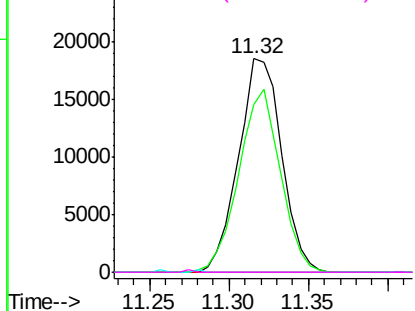
#33
4-Chloroaniline
Concen: 12.70 ng
RT: 11.32 min Scan# 1315
Delta R.T. -0.13 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	35133
Ion	Ratio	Lower	Upper
127	100		
129	78.7	23.6	35.4#
65	0.0	37.7	56.5#
92	0.0	17.6	26.4#

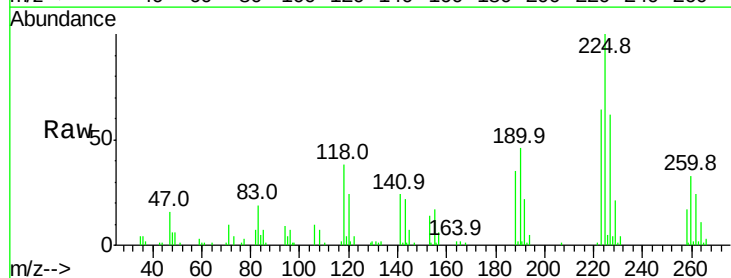


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

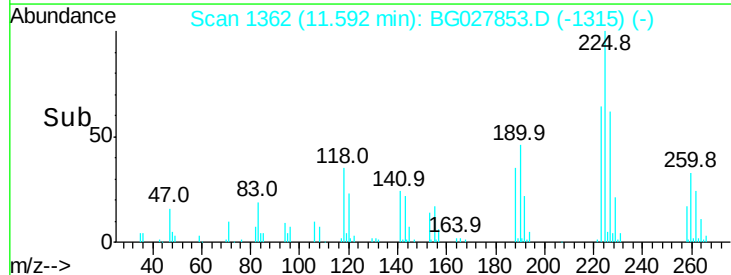
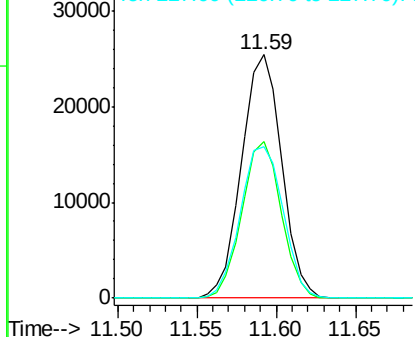


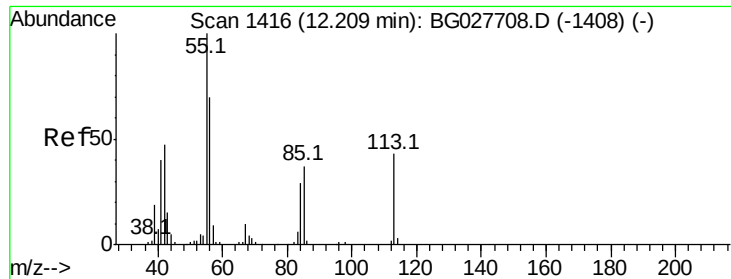
#34
Hexachlorobutadiene
Concen: 47.09 ng
RT: 11.59 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

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: 30.50 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 :

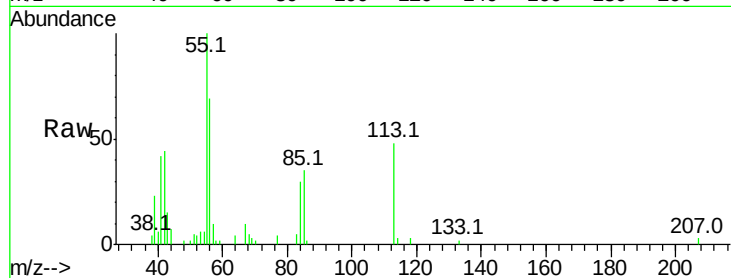
Tot Ion:113 Resp: 25690

Ion Ratio Lower Upper

113 100

55 208.0 198.6 238.6

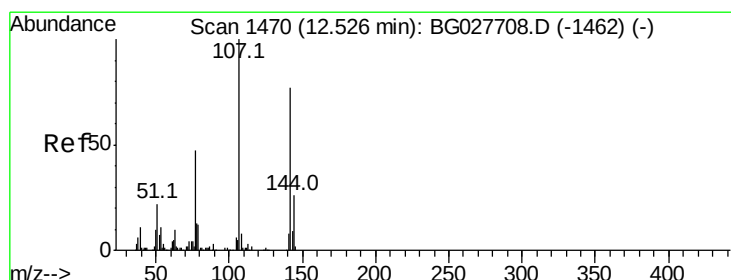
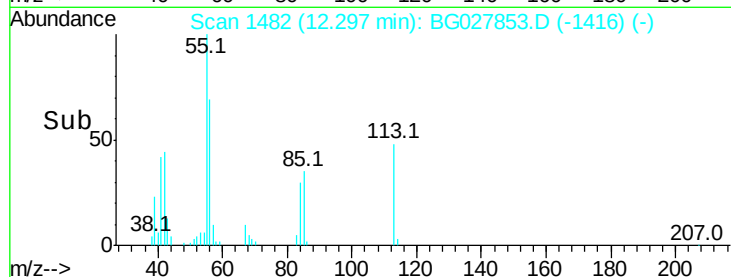
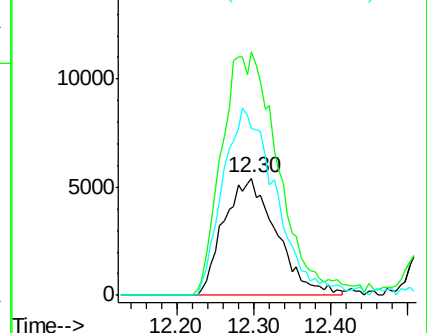
56 142.7 140.4 180.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG027708.D (-1408) (-)

Ion 56.00 (55.70 to 56.70): BG027708.D (-1408) (-)



#36

4-Chloro-3-methylphenol

Concen: 39.47 ng

RT: 12.51 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

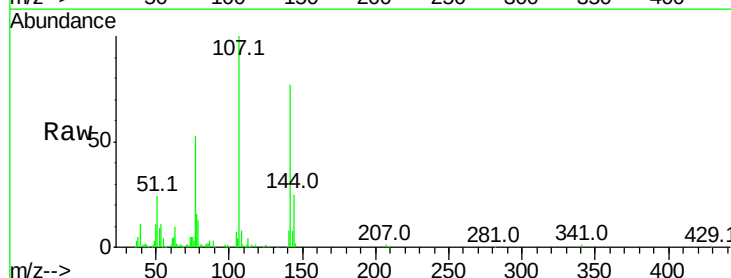
Tgt Ion:107 Resp: 92999

Ion Ratio Lower Upper

107 100

144 24.8 17.4 26.0

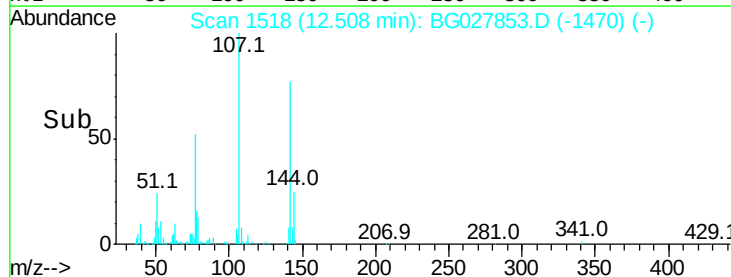
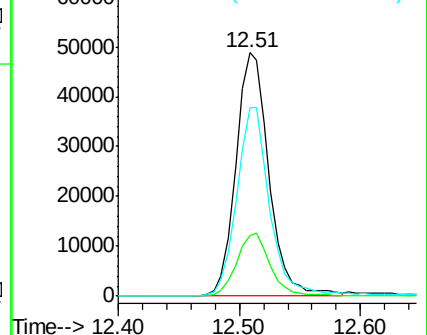
142 77.2 54.1 81.1

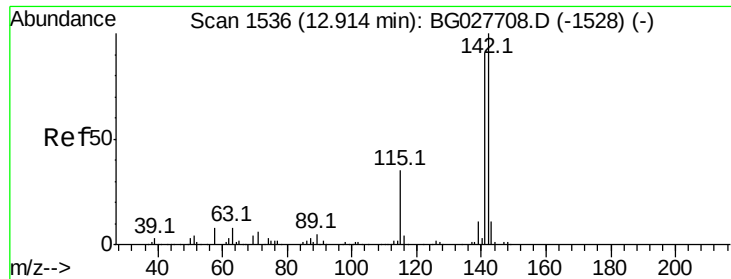


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

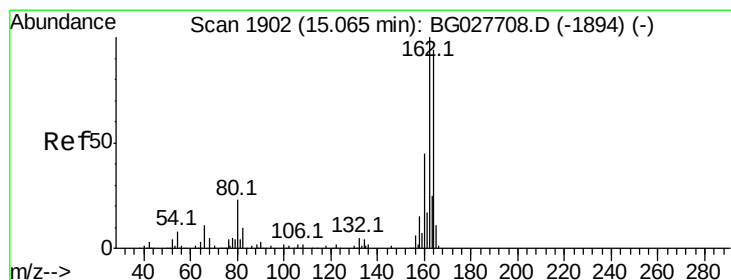
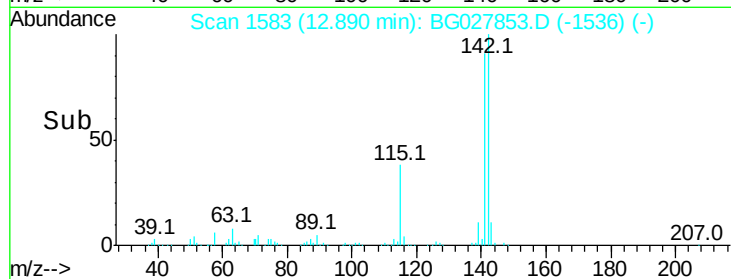
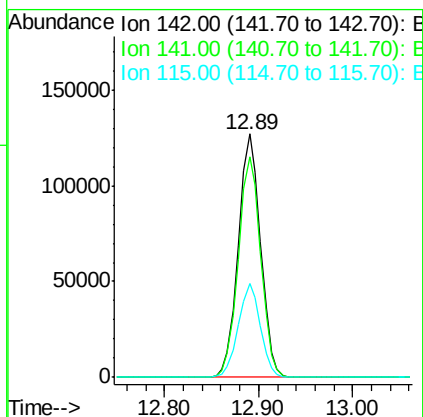
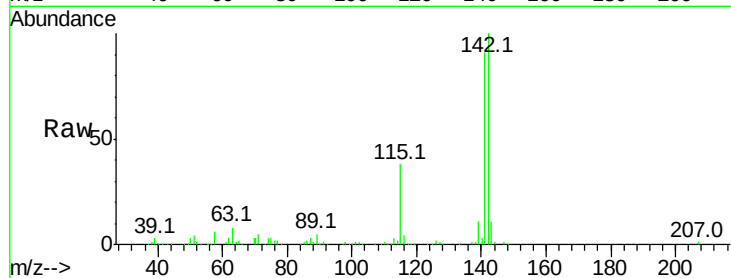




#37
2-Methylnaphthalene
Concen: 43.71 ng
RT: 12.89 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

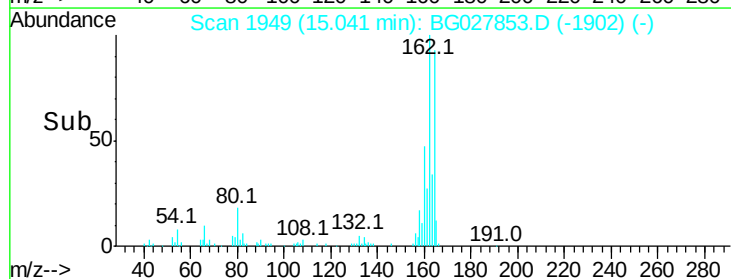
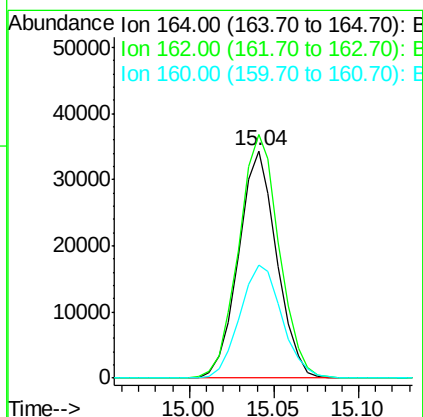
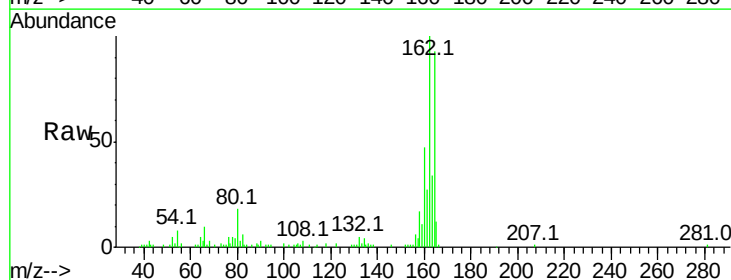
Instrument :
BNA_G
ClientSampleId :

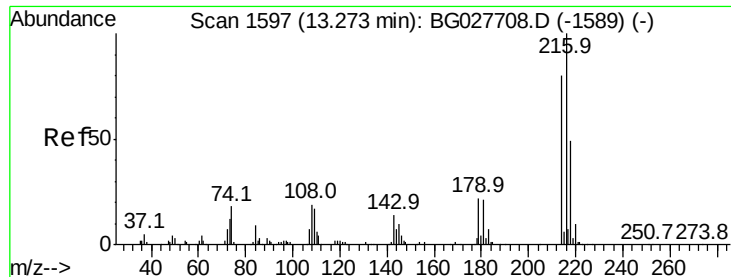
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	70.4	105.6
115	38.4	35.5	53.3



#38
Acenaphthene-d10
Concen: 20.00 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	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: 71.24 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 :

Tot Ion:216 Resp: 100849

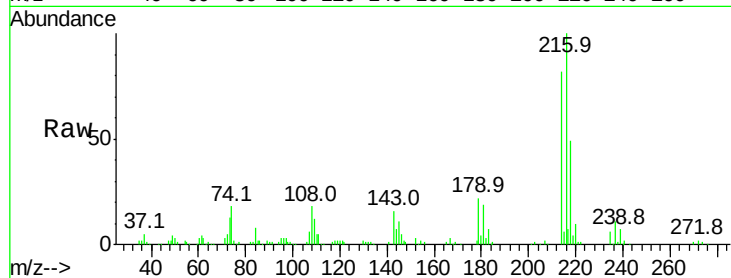
Ion Ratio Lower Upper

216 100

214 78.6 64.4 96.6

179 21.7 17.4 26.0

108 21.1 15.6 23.4

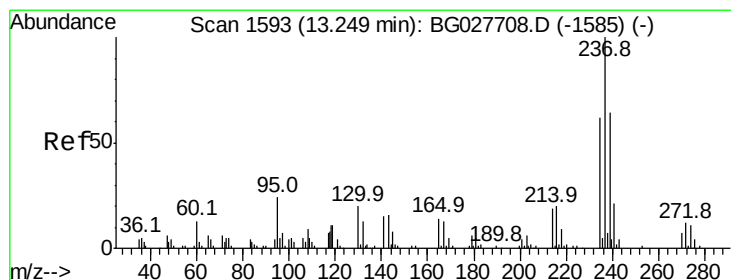
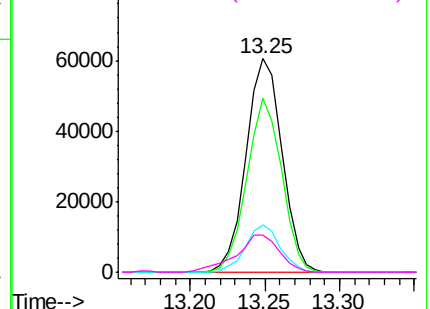
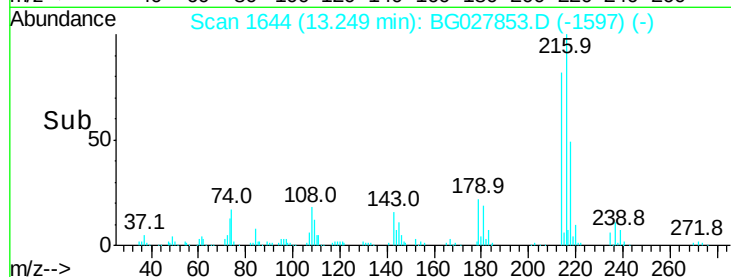


Abundance Ion 216.00 (215.70 to 216.70): E

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: 183.52 ng

RT: 13.23 min Scan# 1640

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

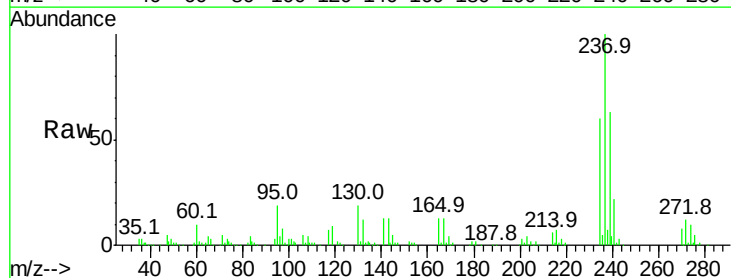
Tgt Ion:237 Resp: 122495

Ion Ratio Lower Upper

237 100

235 60.2 39.4 79.4

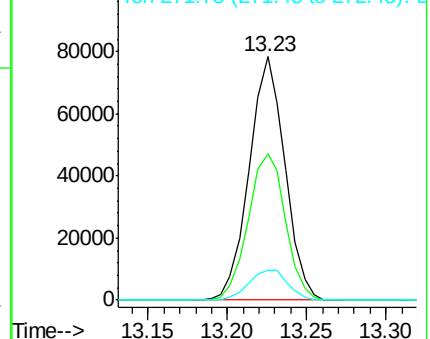
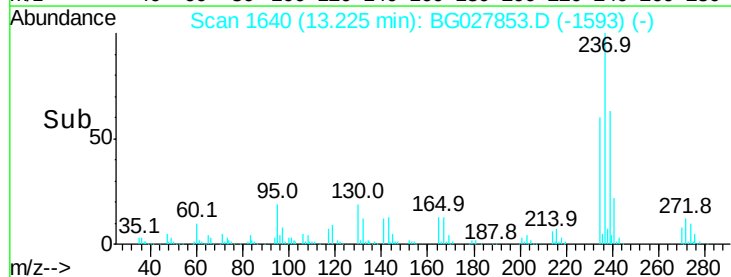
272 12.3 0.0 32.0

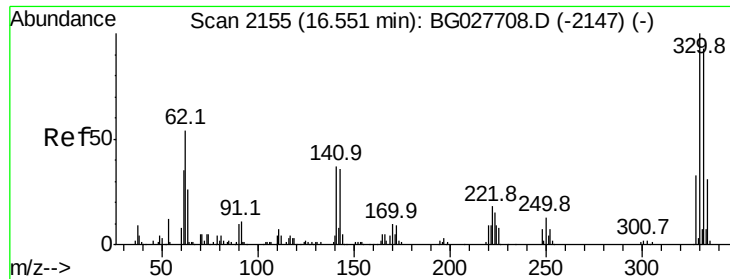


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

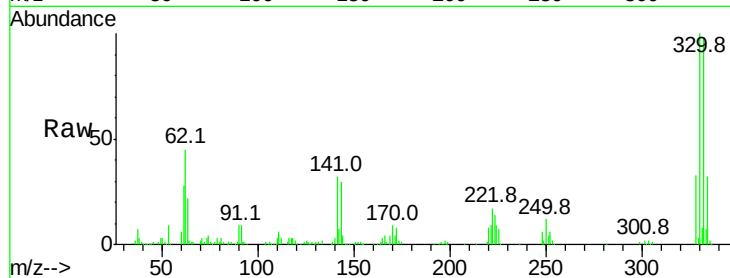




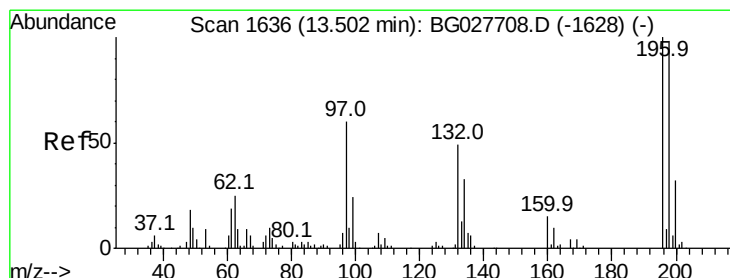
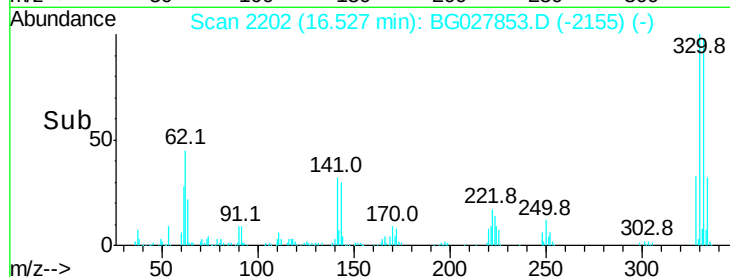
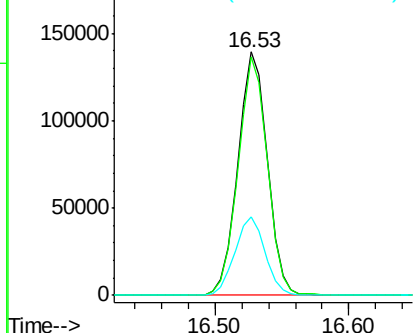
#41
 2,4,6-Tribromophenol
 Concen: 288.20 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :

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

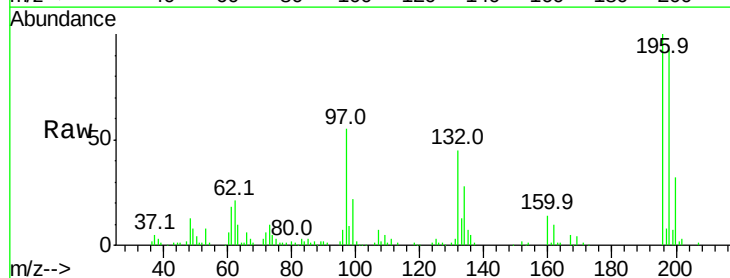


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

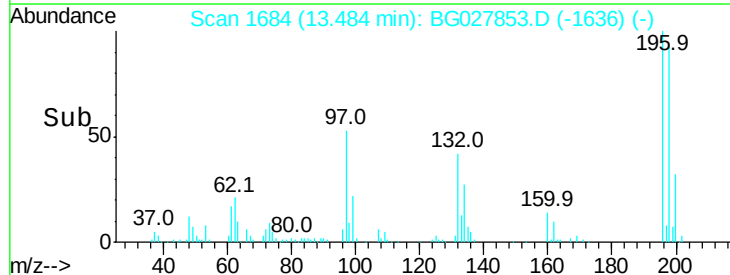
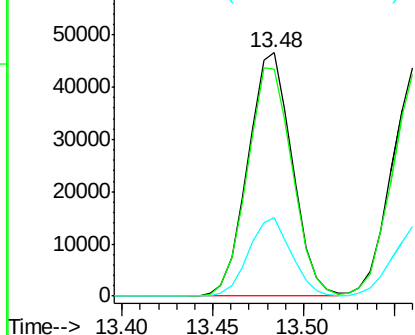


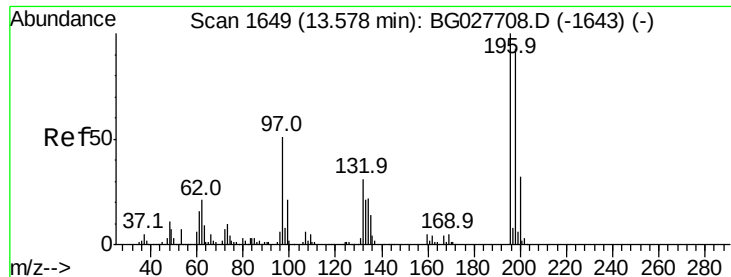
#42
 2,4,6-Trichlorophenol
 Concen: 77.20 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

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

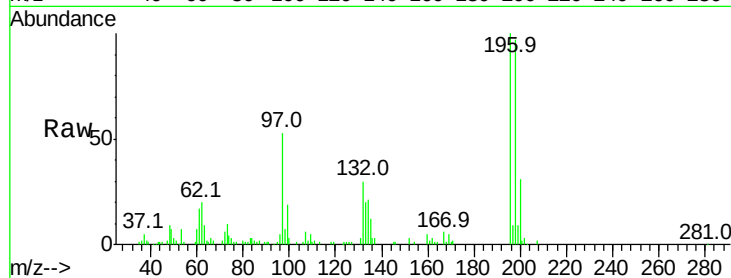




#43
 2,4,5-Trichlorophenol
 Concen: 75.82 ng
 RT: 13.56 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampleId :

Tot 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



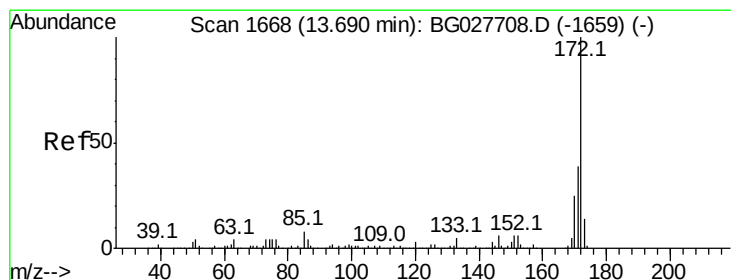
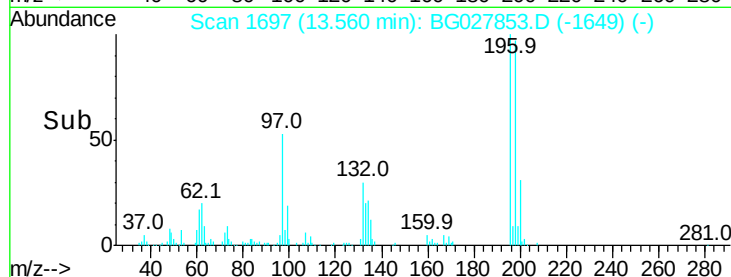
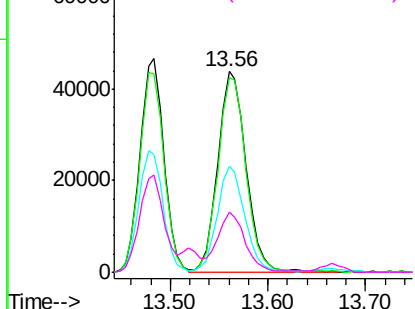
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

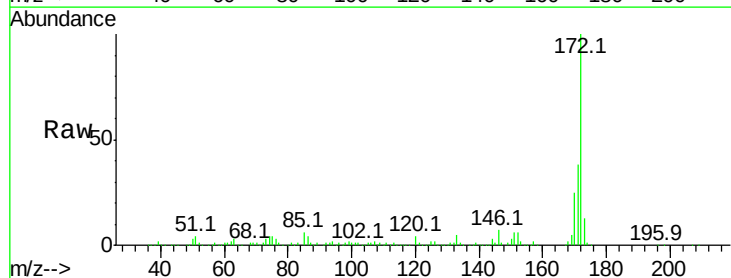
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 136.45 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	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	24.9	21.8	32.6

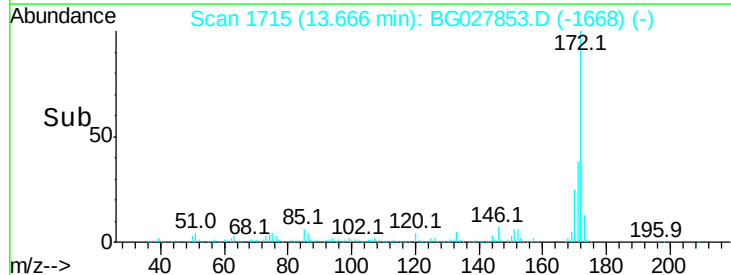
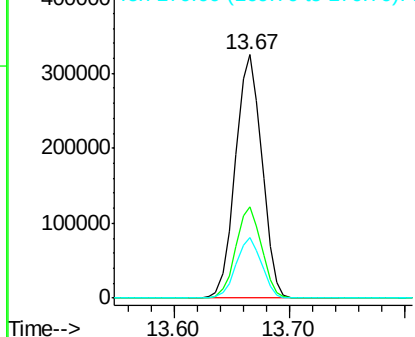


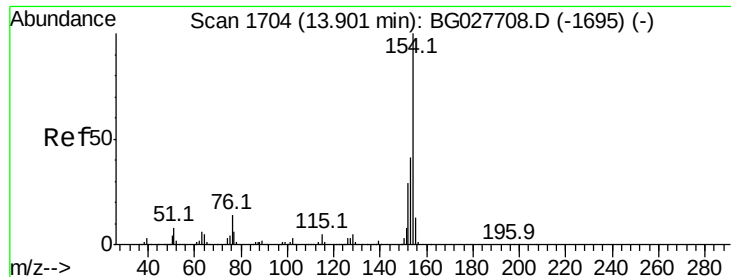
Abundance

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

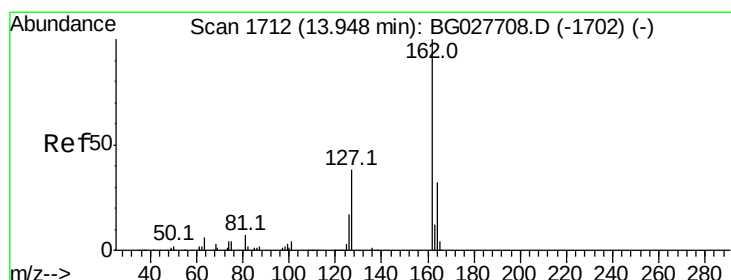
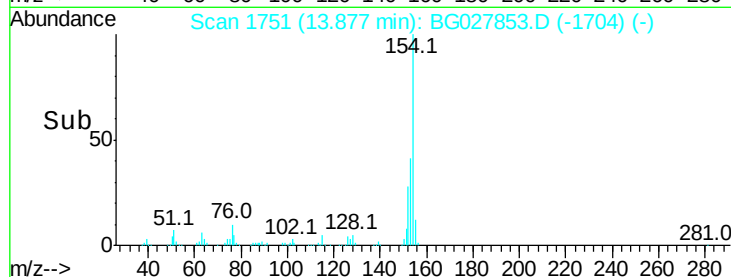
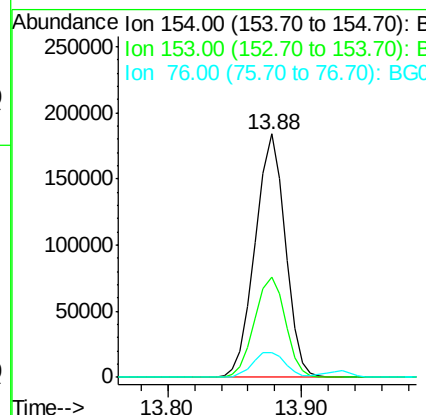
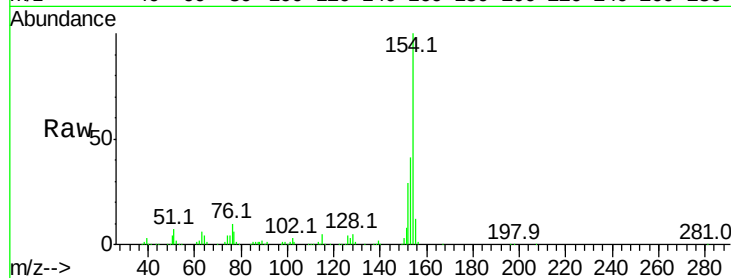




#45
 1,1'-Biphenyl
 Concen: 66.14 ng
 RT: 13.88 min Scan# 1751
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

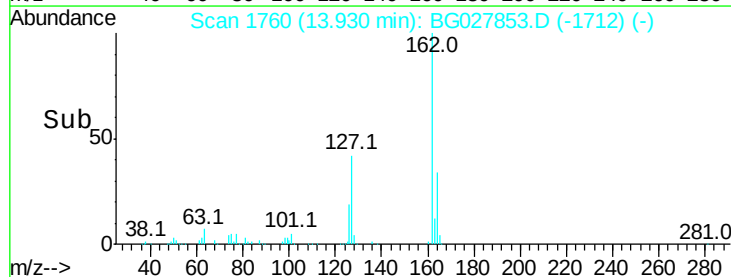
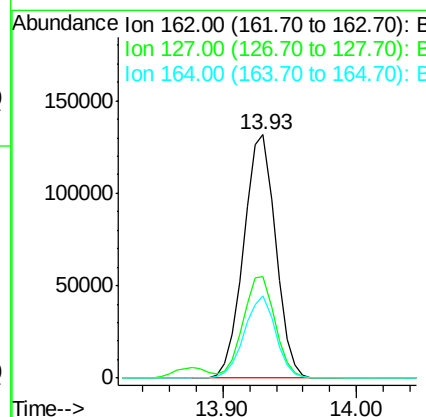
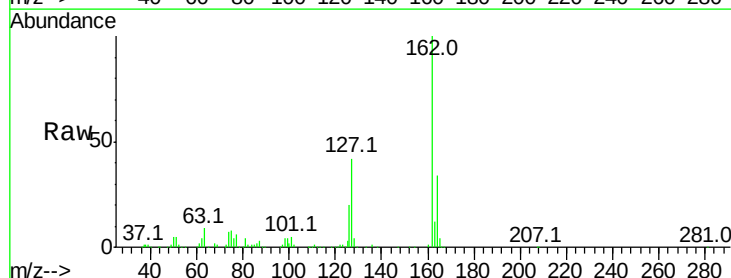
Instrument :
 BNA_G
 ClientSampleId :

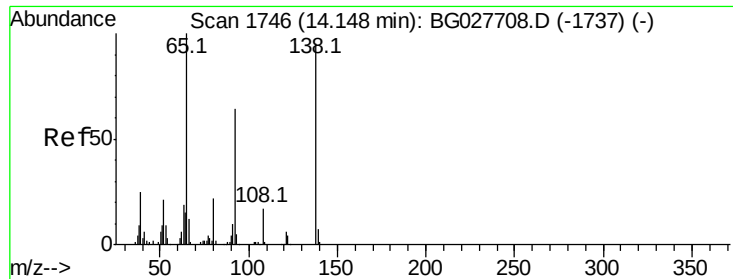
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.0	63.0
76	10.4	0.0	33.5



#46
 2-Chloronaphthalene
 Concen: 66.61 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

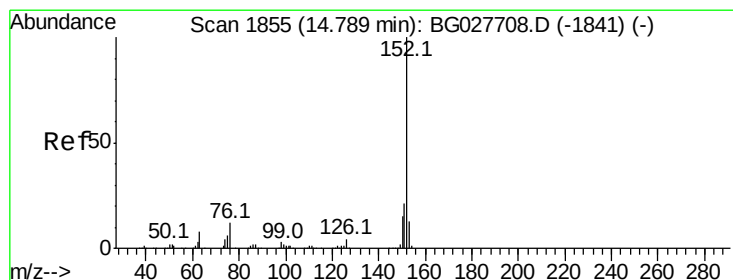
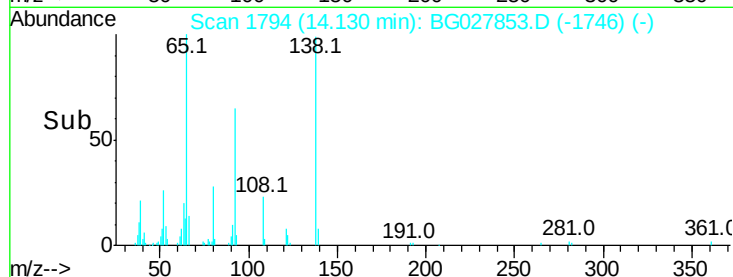
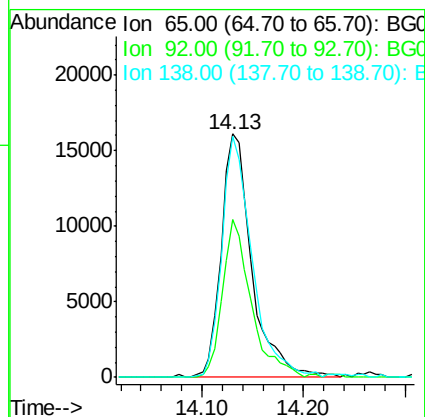
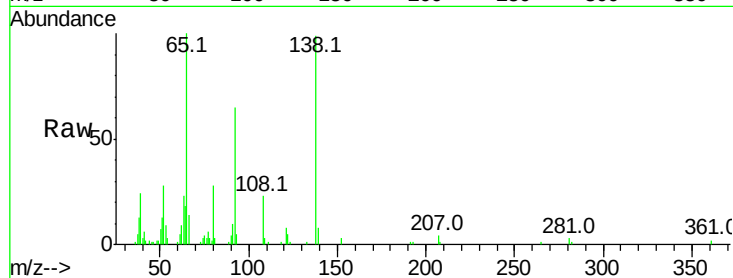




#47
2-Nitroaniline
Concen: 25.95 ng
RT: 14.13 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

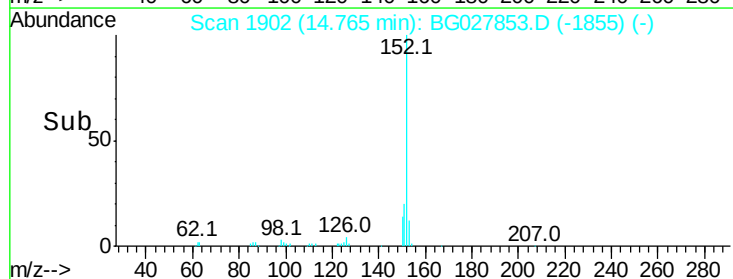
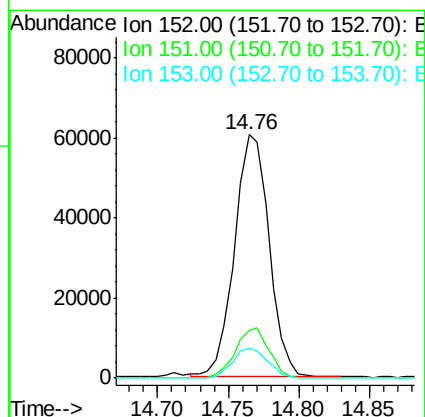
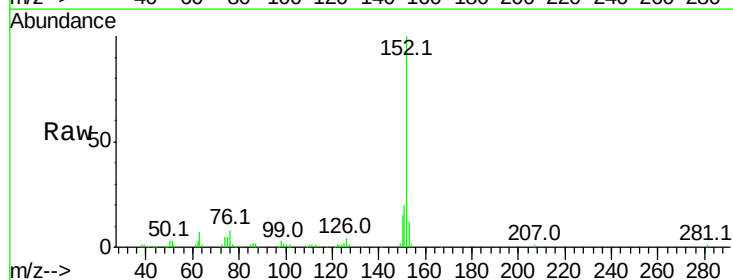
Instrument :
BNA_G
ClientSampleId :

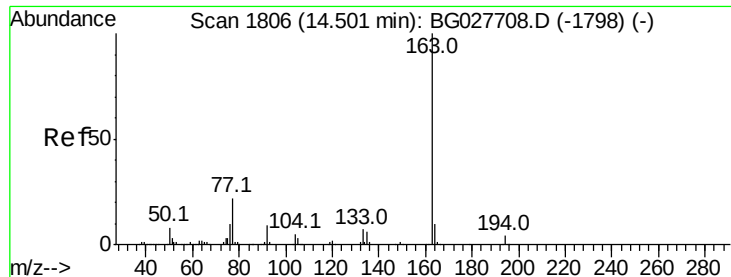
Tot Ion: 65 Resp: 33882
Ion Ratio Lower Upper
65 100
92 64.9 49.0 73.4
138 98.8 58.6 87.8#



#48
Acenaphthylene
Concen: 17.35 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: 74.02 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 :

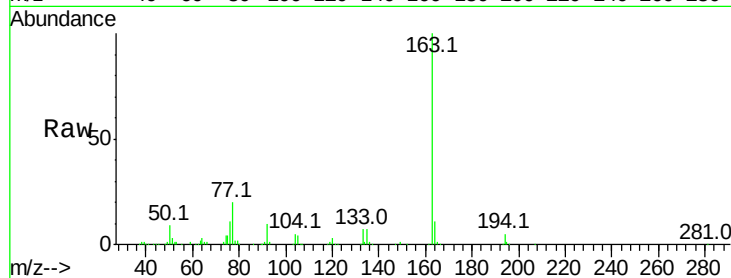
Tot Ion:163 Resp: 340199

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

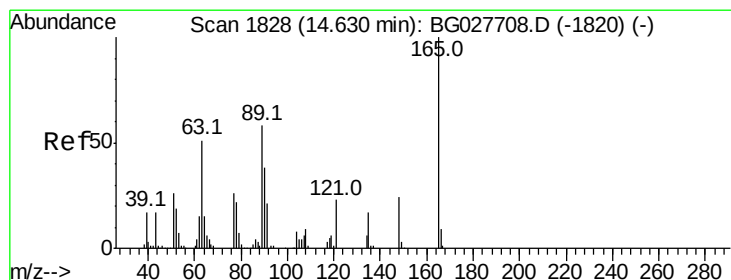
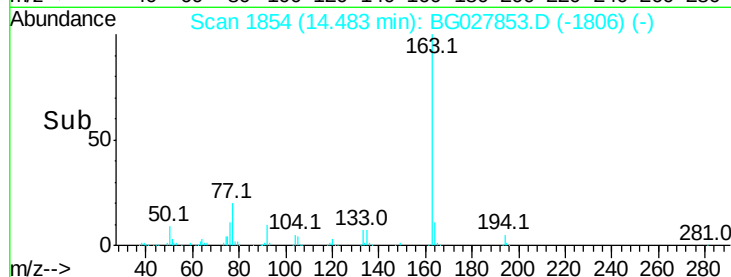
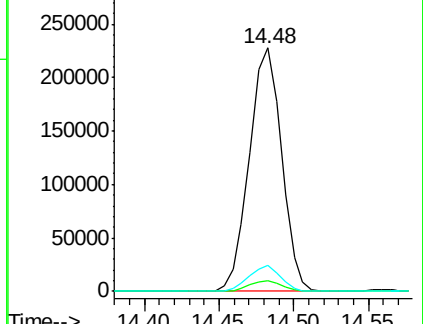
164 10.7 9.3 13.9



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: 75.25 ng

RT: 14.61 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

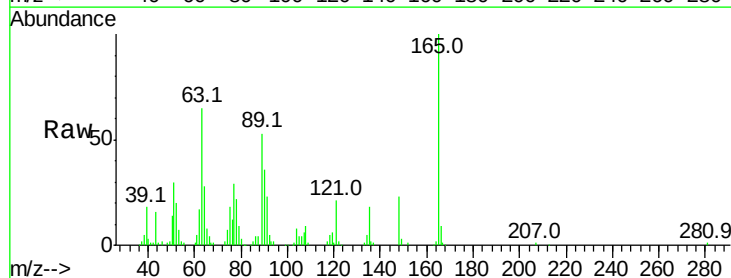
Tgt Ion:165 Resp: 75181

Ion Ratio Lower Upper

165 100

63 65.2 63.9 95.9

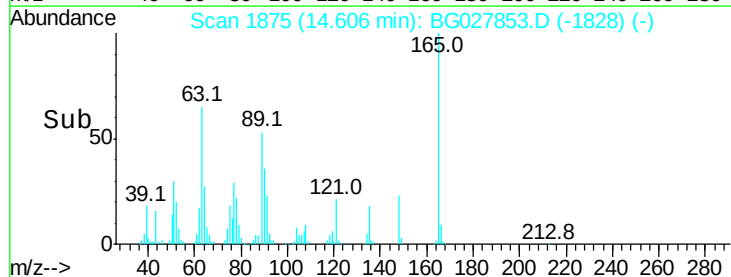
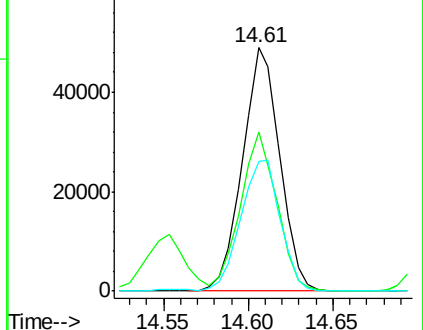
89 53.3 58.6 88.0#

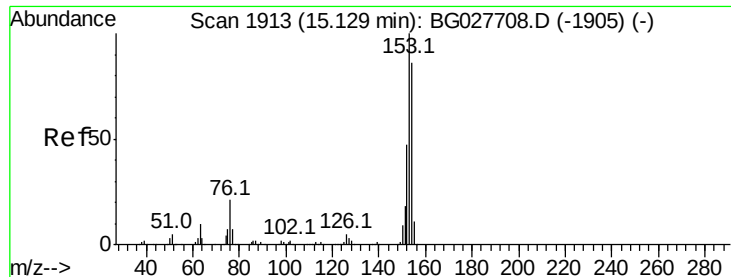


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.11 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 :

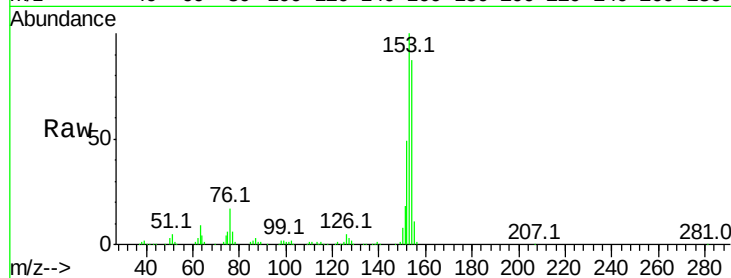
Tot Ion:154 Resp: 164691

Ion Ratio Lower Upper

154 100

153 114.5 87.8 131.6

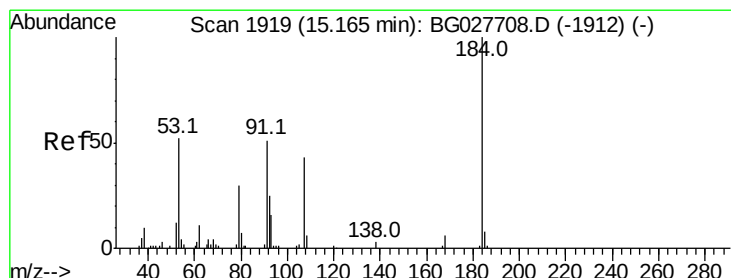
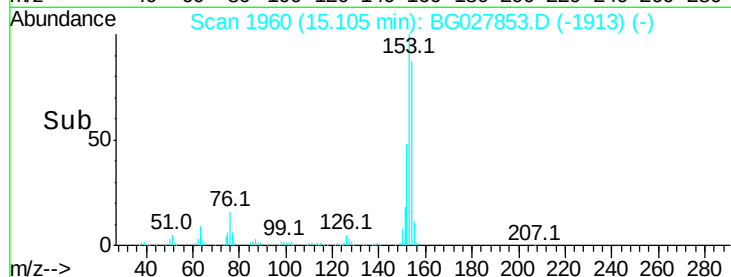
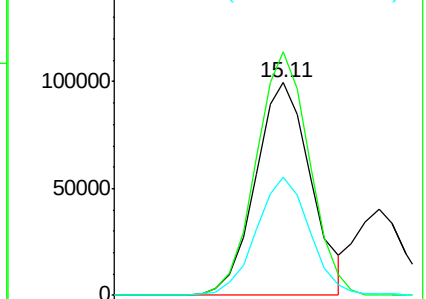
152 55.6 42.2 63.4



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: 168.50 ng

RT: 15.15 min Scan# 1967

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

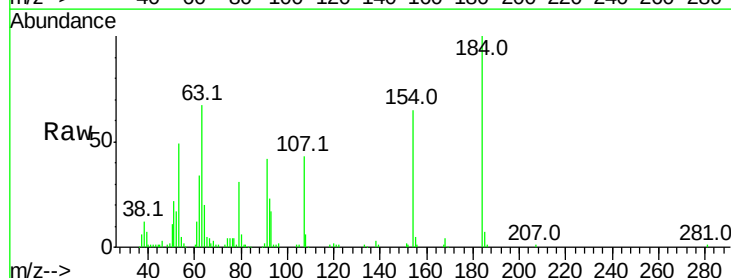
Tgt Ion:184 Resp: 98214

Ion Ratio Lower Upper

184 100

63 67.4 52.7 79.1

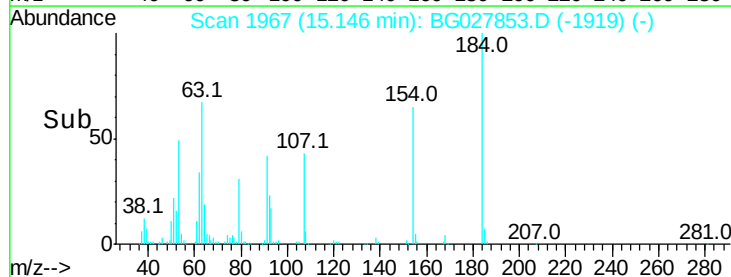
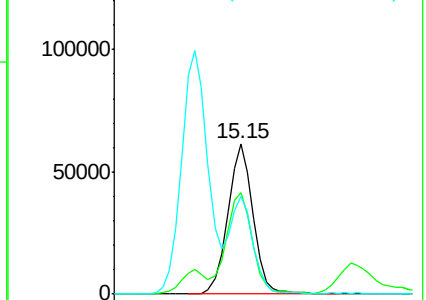
154 65.1 57.3 85.9

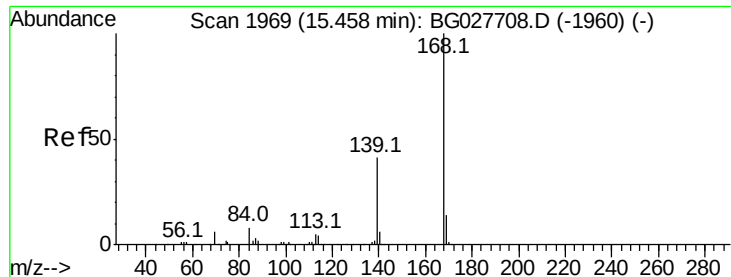


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 74.77 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

ClientSampled :

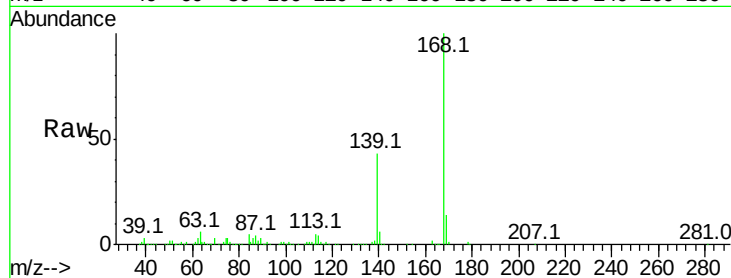
Tot Ion:168 Resp: 377696

Ion Ratio Lower Upper

168 100

139 42.6 35.3 52.9

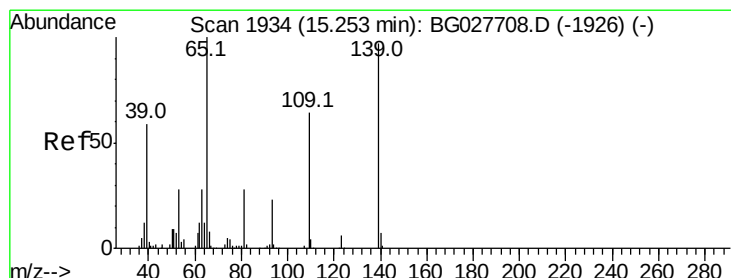
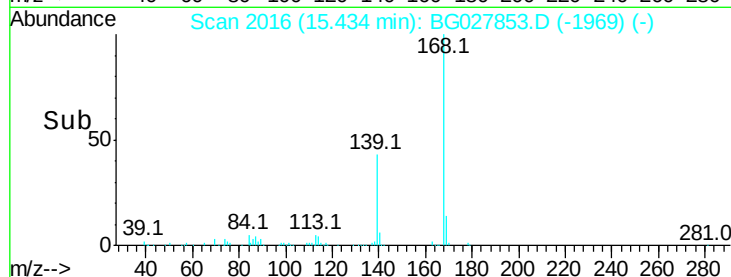
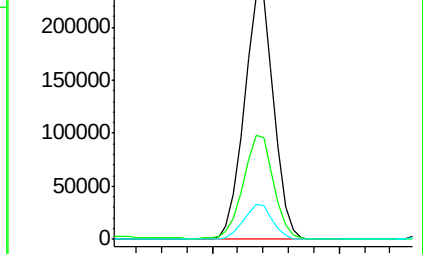
169 14.2 11.5 17.3



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: 101.33 ng

RT: 15.25 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

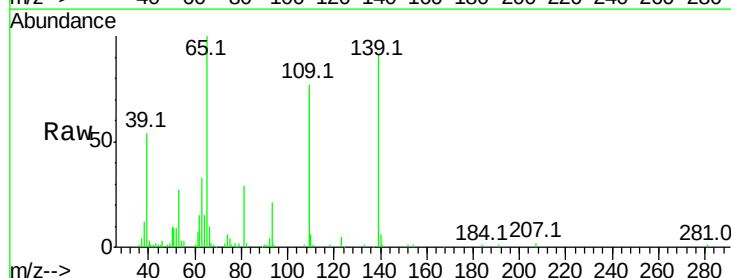
Tgt Ion:139 Resp: 90914

Ion Ratio Lower Upper

139 100

109 84.5 101.2 141.2#

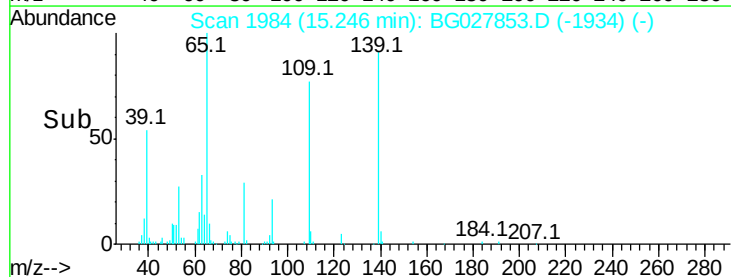
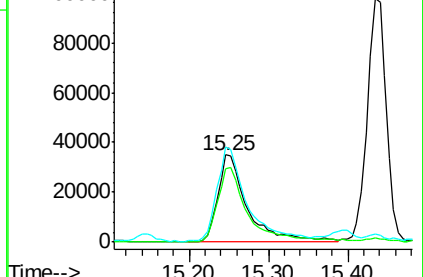
65 109.9 135.3 175.3#

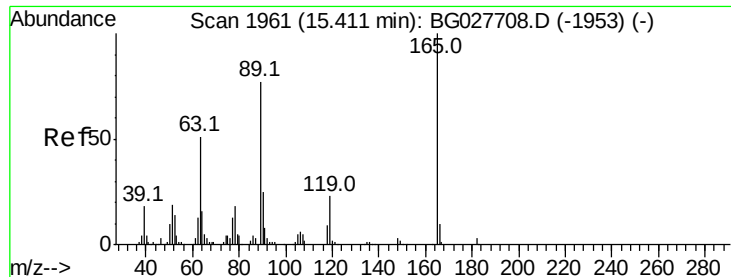


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

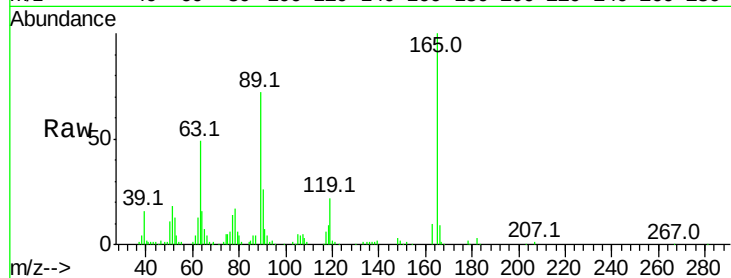




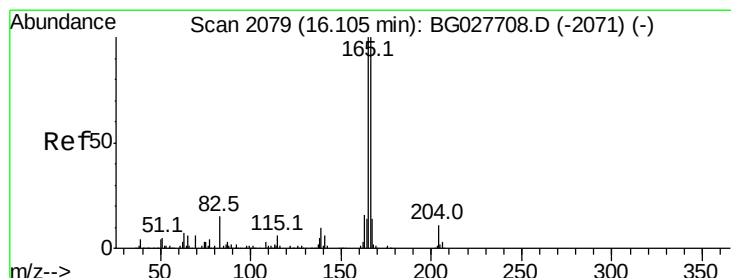
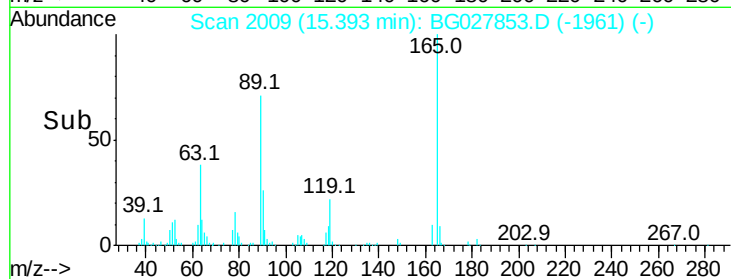
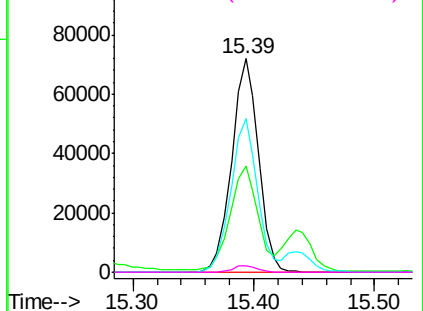
#56
2,4-Dinitrotoluene
Concen: 79.54 ng
RT: 15.39 min Scan# 2009
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

Instrument :
BNA_G
ClientSampleId :

Tot 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#

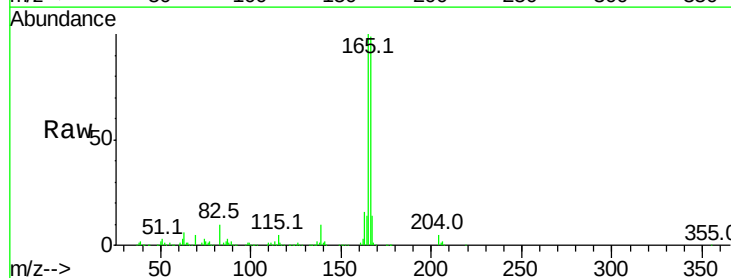


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

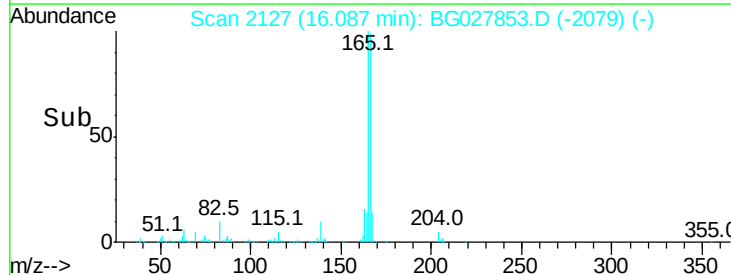
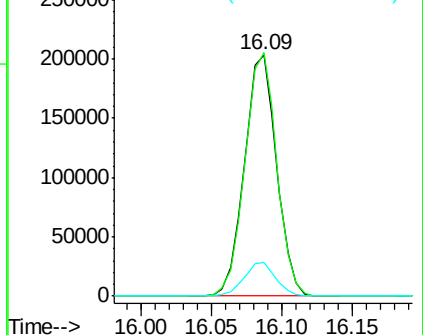


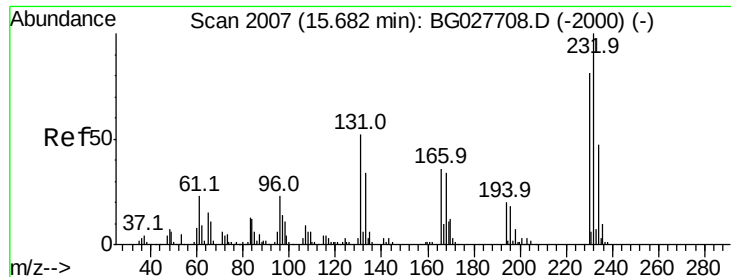
#57
Fluorene
Concen: 66.16 ng
RT: 16.09 min Scan# 2127
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

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



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





#58

2,3,4,6-Tetrachlorophenol

Concen: 87.39 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 :

Tot Ion:232 Resp: 87280

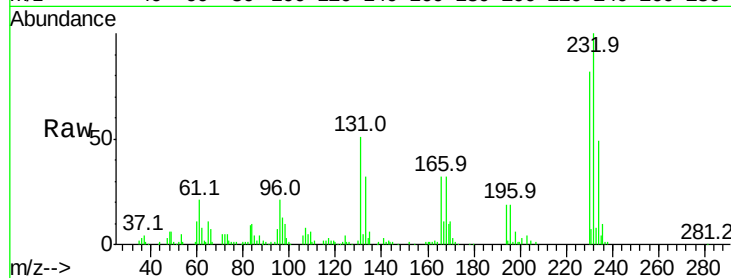
Ion Ratio Lower Upper

232 100

131 51.1 34.9 52.3

130 3.1 2.3 3.5

166 32.8 24.2 36.4

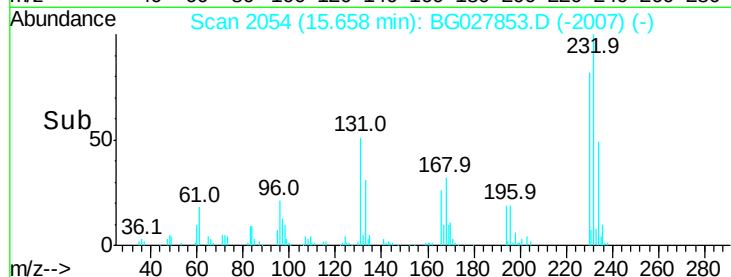


Abundance Ion 232.00 (231.70 to 232.70): E

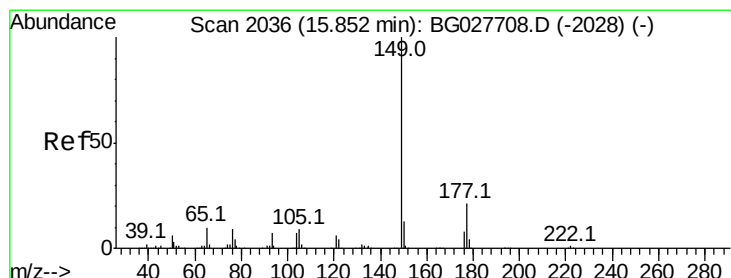
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

Diethylphthalate

Concen: 74.13 ng

RT: 15.83 min Scan# 2083

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

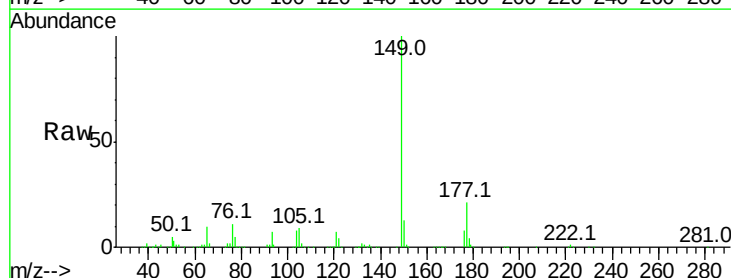
Tgt Ion:149 Resp: 377258

Ion Ratio Lower Upper

149 100

177 21.4 20.1 30.1

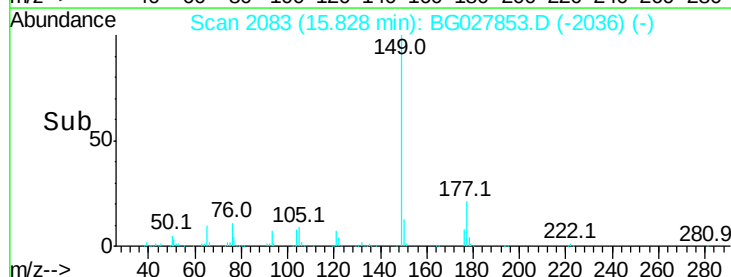
150 13.0 10.2 15.2



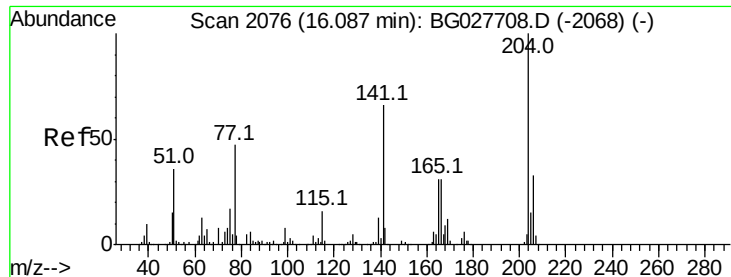
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



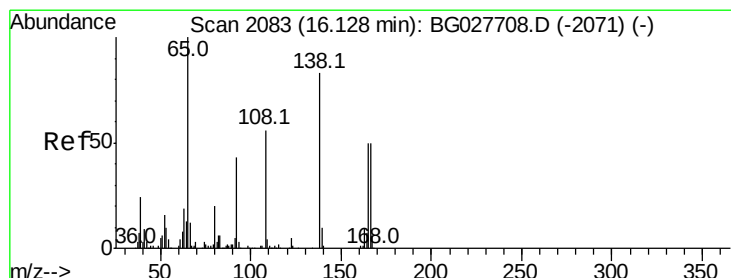
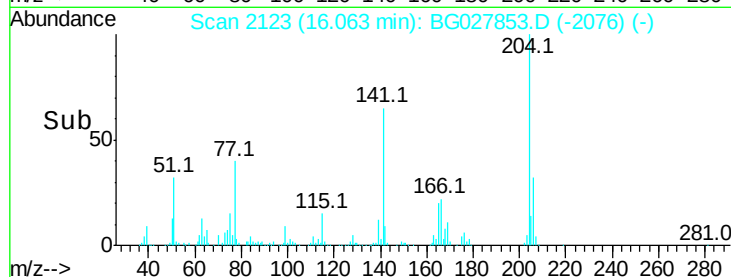
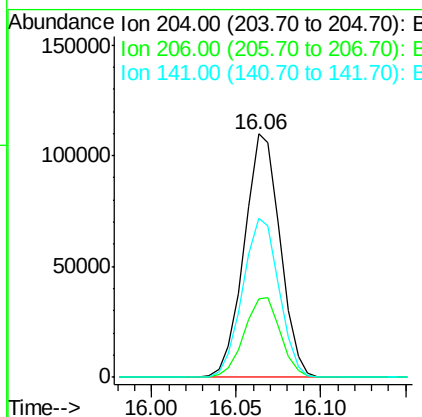
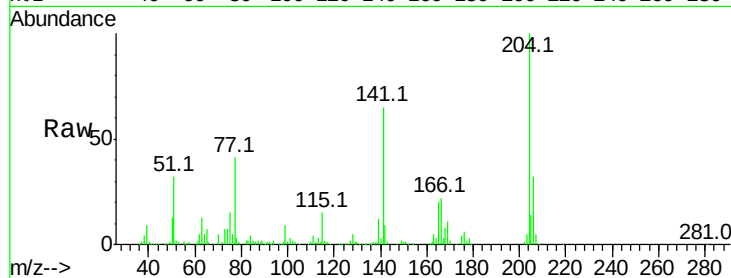
Time-->



#60
4-Chlorophenyl-phenylether
Concen: 75.01 ng
RT: 16.06 min Scan# 2123
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

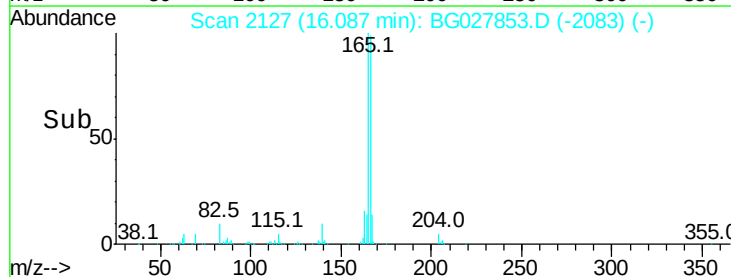
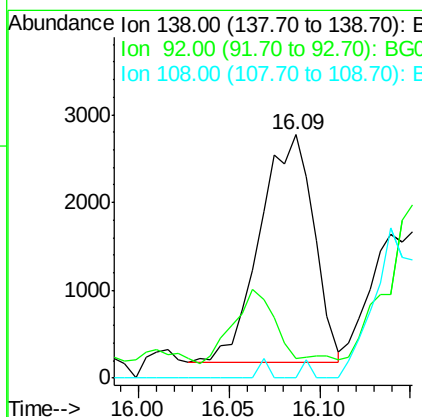
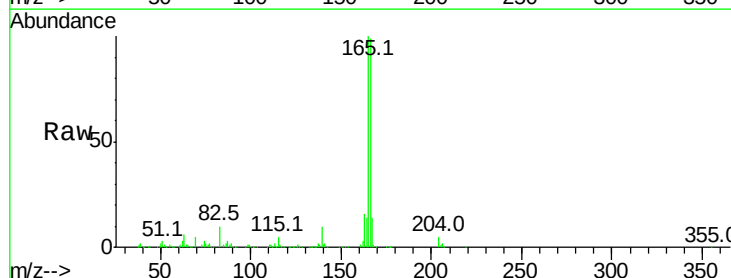
Instrument :
BNA_G
ClientSampled :

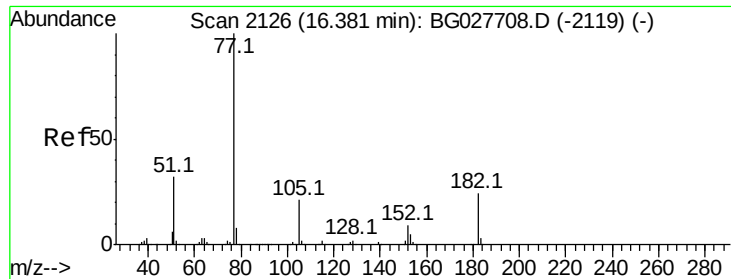
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.1	30.1	45.1
141	65.3	50.6	76.0



#61
4-Nitroaniline
Concen: 4.36 ng
RT: 16.09 min Scan# 2127
Delta R.T. -0.04 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

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





#62

Azobenzene

Concen: 27.96 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 :

Tot Ion: 77 Resp: 125018

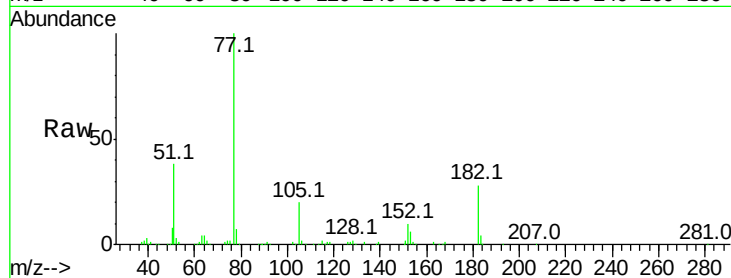
Ion Ratio Lower Upper

77 100

182 27.6 4.7 44.7

105 20.5 0.0 36.3

51 37.6 16.4 56.4

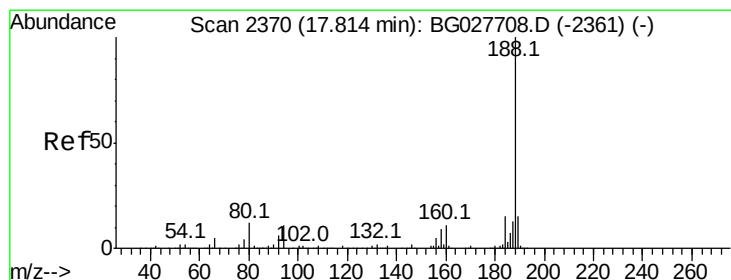
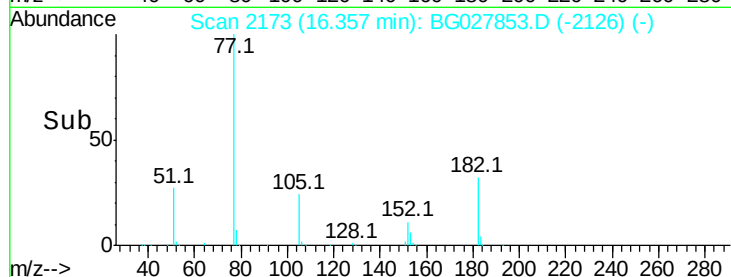
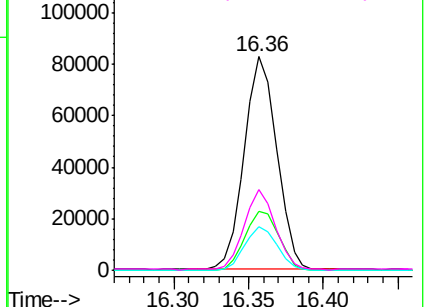


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 20.00 ng

RT: 17.79 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

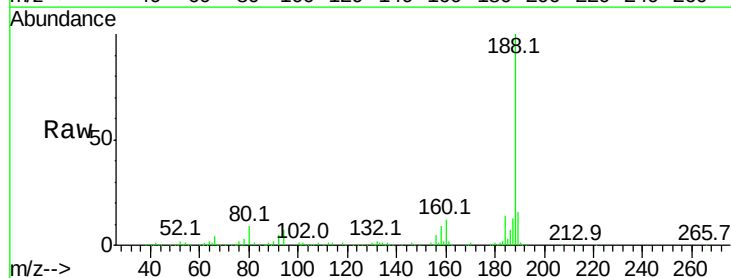
Tgt Ion: 188 Resp: 209452

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

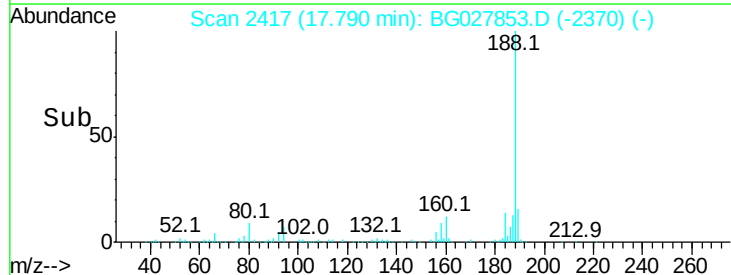
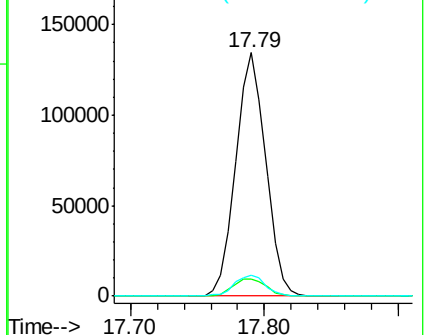
80 8.5 7.5 11.3

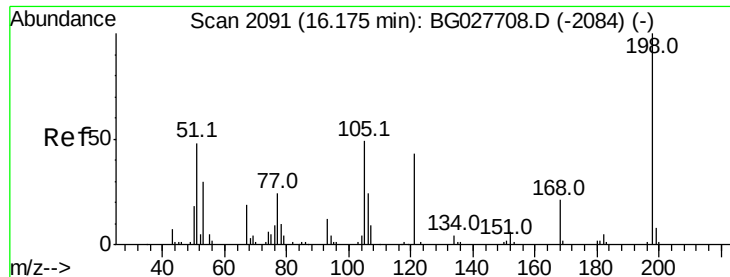


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 48.96 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 :

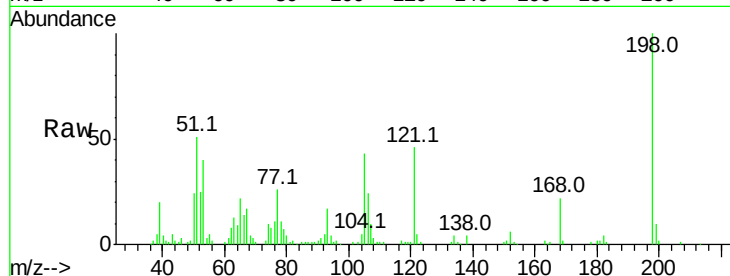
Tot Ion:198 Resp: 64157

Ion Ratio Lower Upper

198 100

51 50.8 22.6 62.6

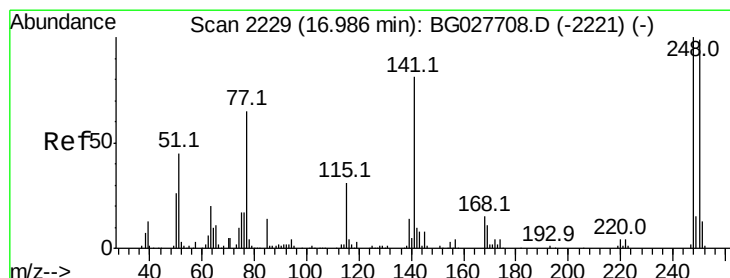
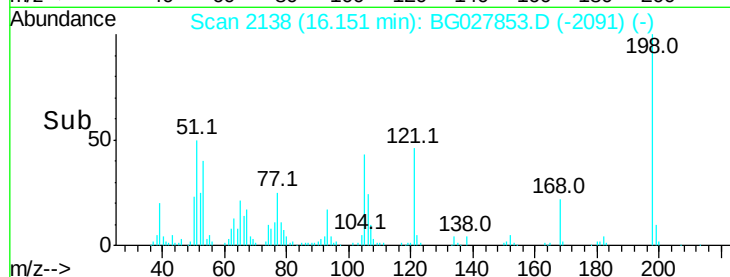
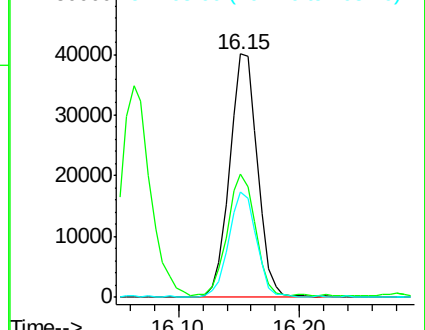
105 43.1 14.4 54.4



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: 53.63 ng

RT: 16.96 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

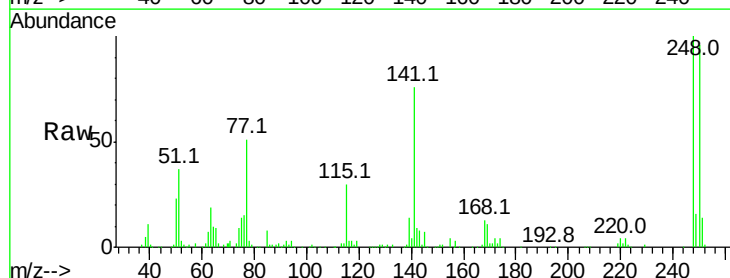
Tgt Ion:248 Resp: 117482

Ion Ratio Lower Upper

248 100

250 95.6 75.0 112.6

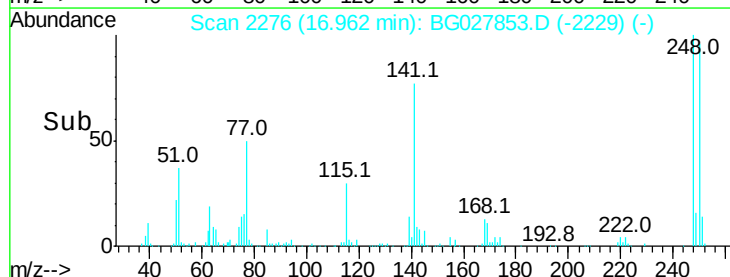
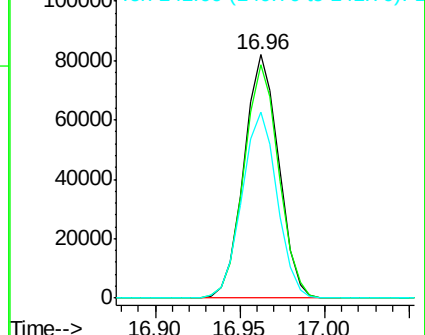
141 76.5 55.2 82.8

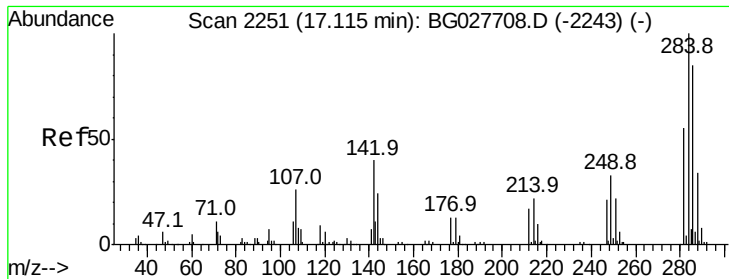


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 54.51 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

ClientSampled :

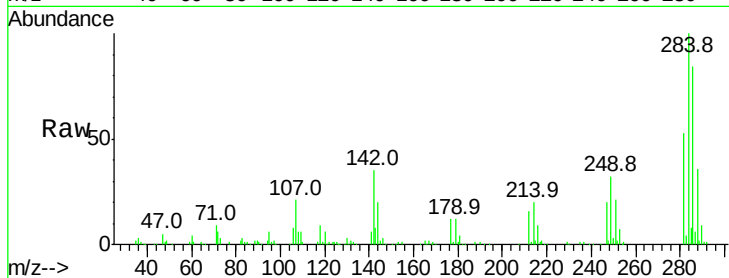
Tot Ion:284 Resp: 126471

Ion Ratio Lower Upper

284 100

142 35.0 29.9 44.9

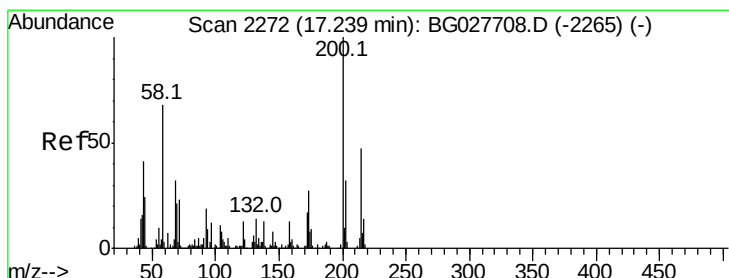
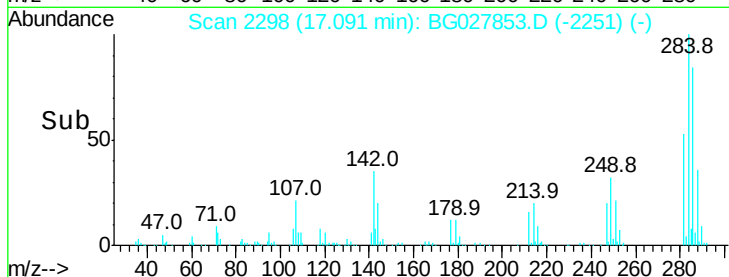
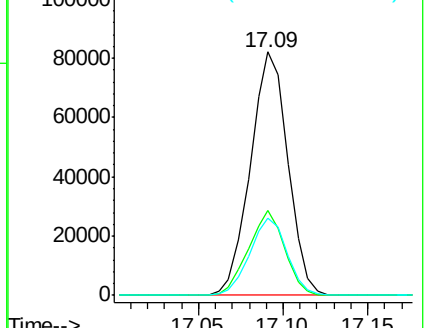
249 31.6 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 13.01 ng

RT: 17.44 min Scan# 2357

Delta R.T. 0.20 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

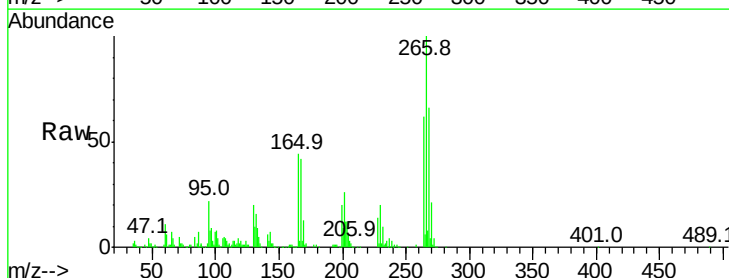
Tgt Ion:200 Resp: 27987

Ion Ratio Lower Upper

200 100

173 0.0 3.0 43.0#

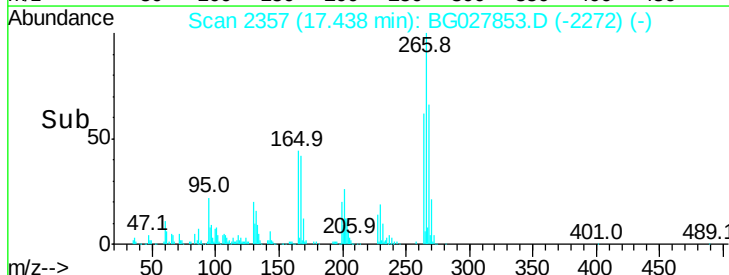
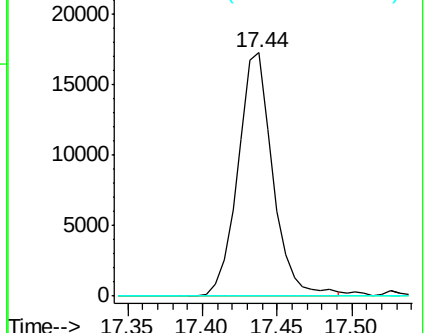
215 0.0 28.4 68.4#

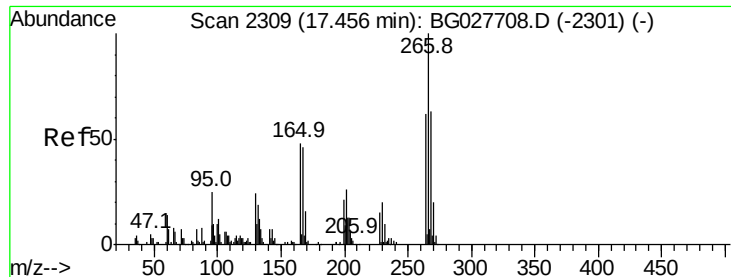


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

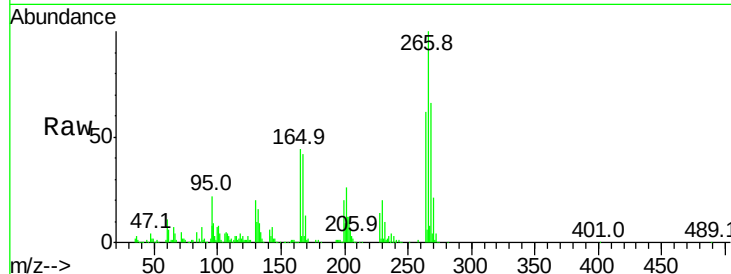




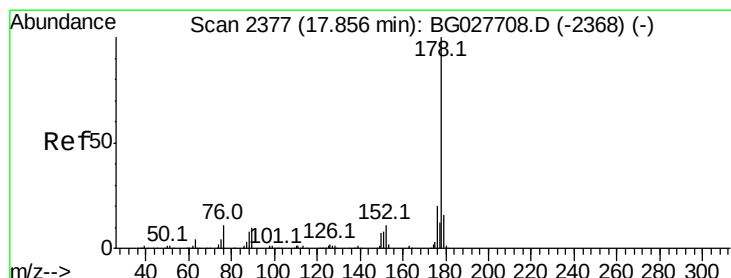
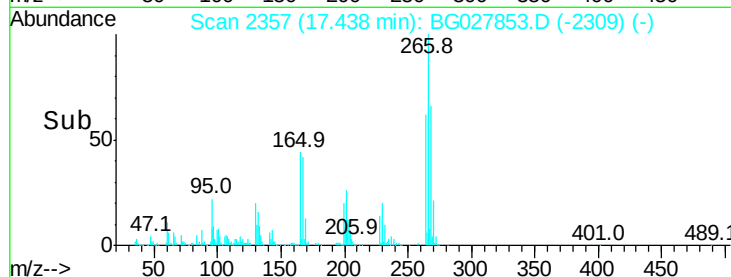
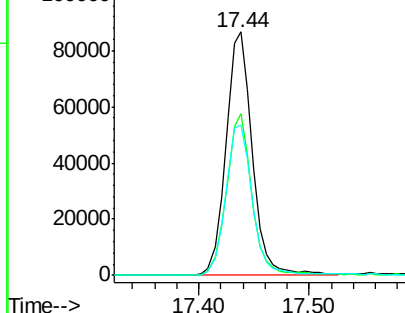
#69
 Pentachlorophenol
 Concen: 96.43 ng
 RT: 17.44 min Scan# 2357
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	48.6	72.8
264	61.7	50.1	75.1

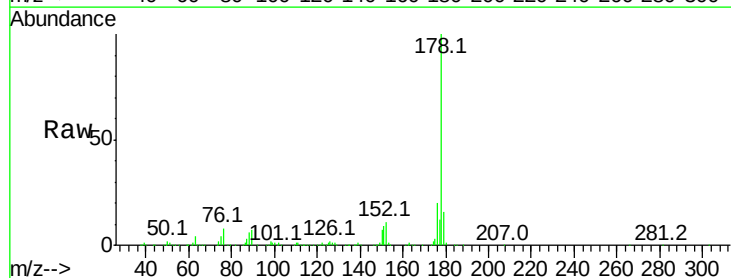


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

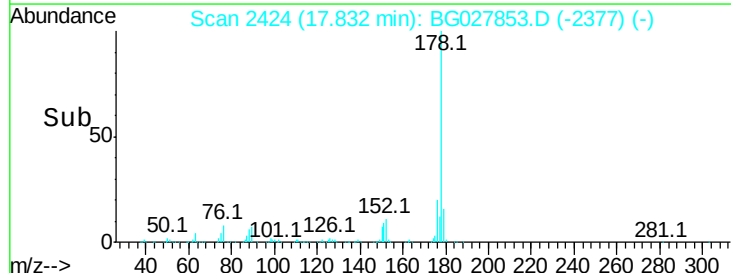
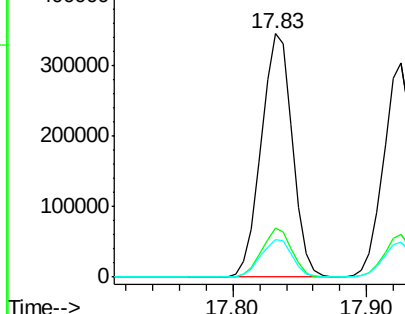


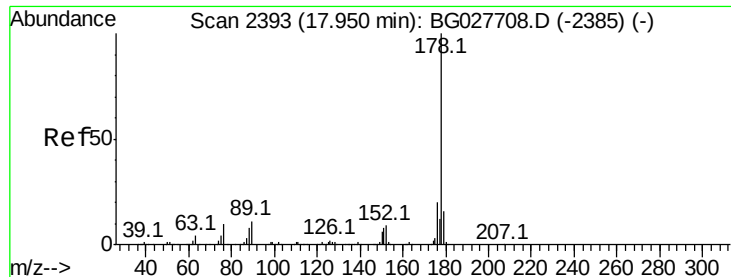
#70
 Phenanthrene
 Concen: 46.02 ng
 RT: 17.83 min Scan# 2424
 Delta R.T. -0.02 min
 Lab File: BG027853.D
 Acq: 5 Jul 2017 18:31

Tgt 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





#71

Anthracene

Concen: 39.16 ng

RT: 17.93 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampleId :

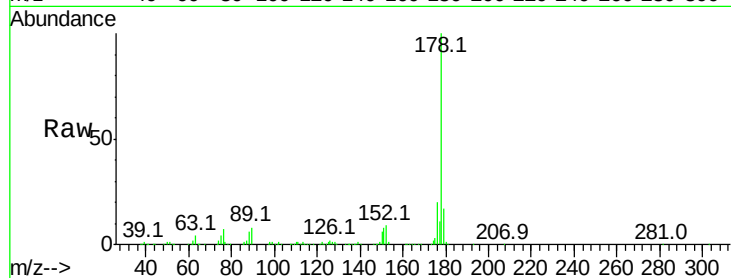
Tot Ion:178 Resp: 478155

Ion Ratio Lower Upper

178 100

176 20.0 16.4 24.6

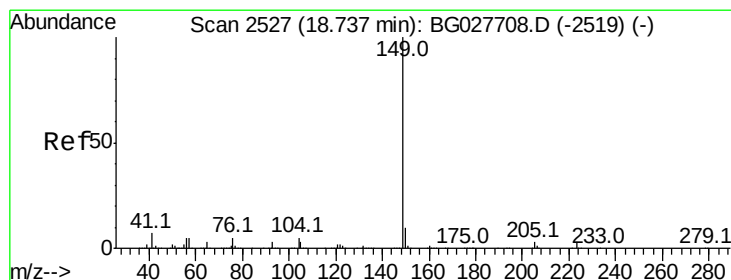
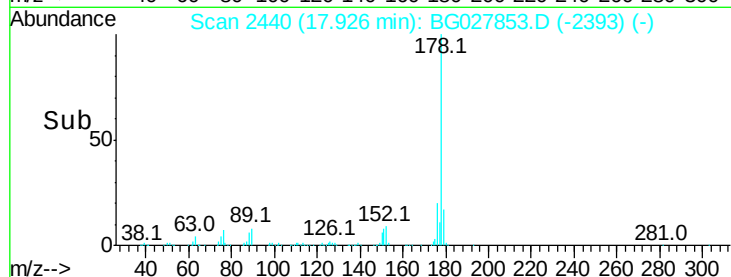
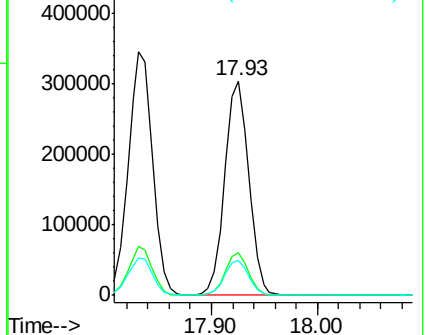
179 16.6 13.8 20.8



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



#73

Di-n-butylphthalate

Concen: 49.22 ng

RT: 18.71 min Scan# 2574

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

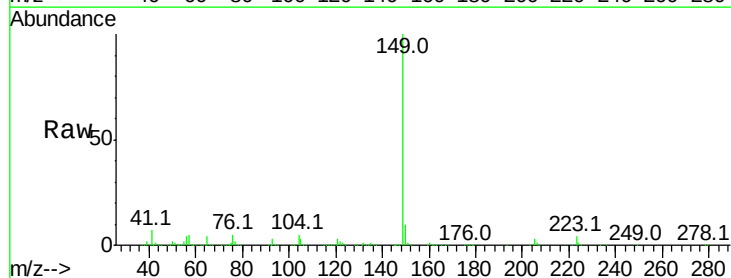
Tgt Ion:149 Resp: 650367

Ion Ratio Lower Upper

149 100

150 9.7 9.1 13.7

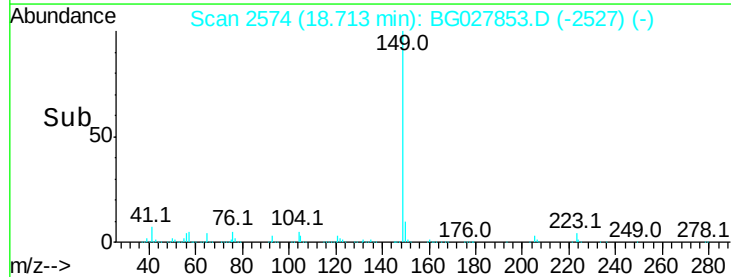
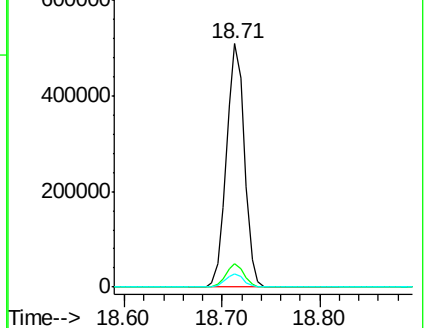
104 5.2 6.7 10.1#

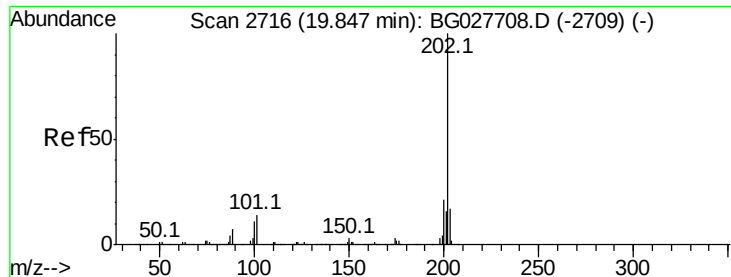


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 42.20 ng

RT: 19.82 min Scan# 2763

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

Instrument :

BNA_G

ClientSampled :

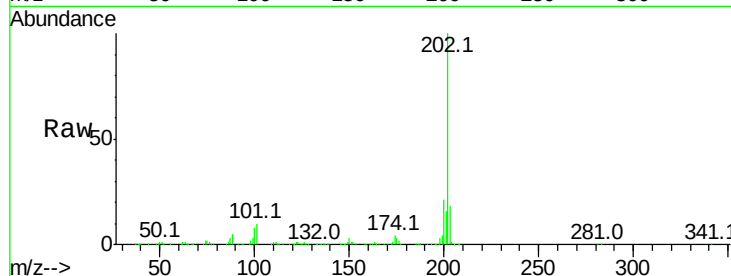
Tot Ion:202 Resp: 557610

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.1

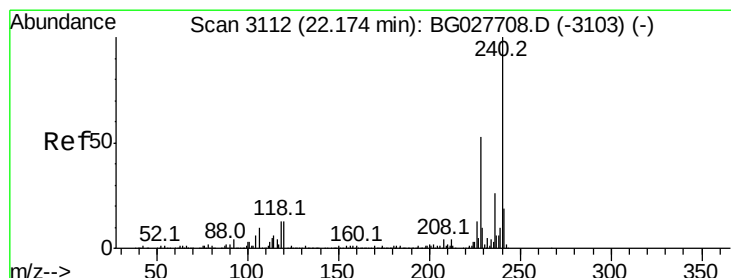
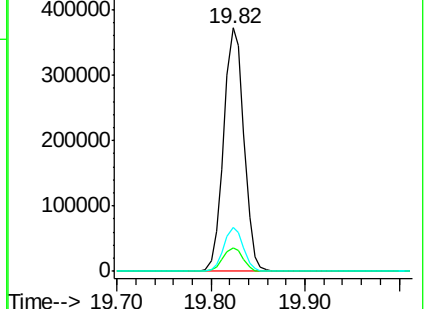
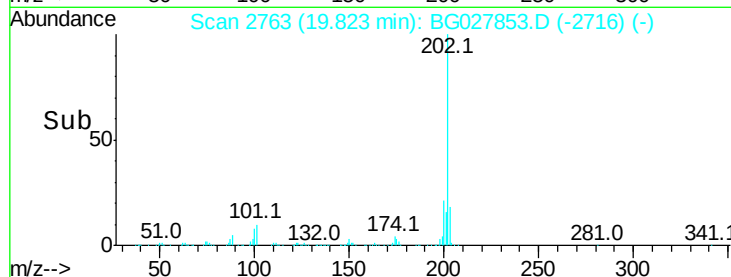
203 18.0 1.3 41.3



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: 20.00 ng

RT: 22.14 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

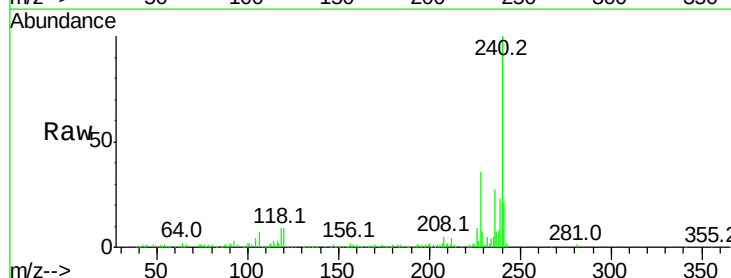
Tgt Ion:240 Resp: 183974

Ion Ratio Lower Upper

240 100

120 9.3 5.7 8.5#

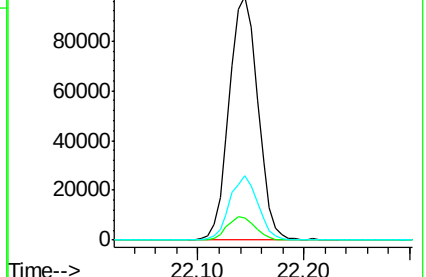
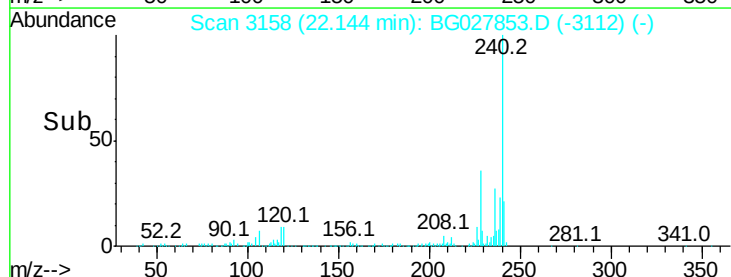
236 26.6 22.2 33.4

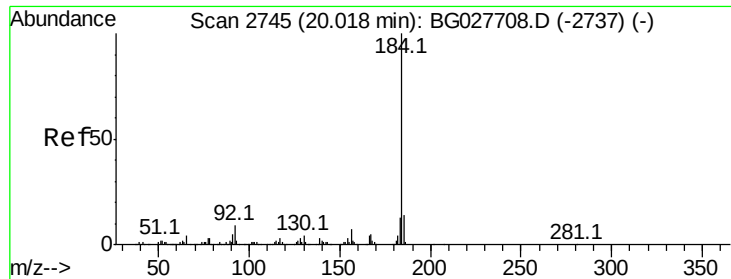


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

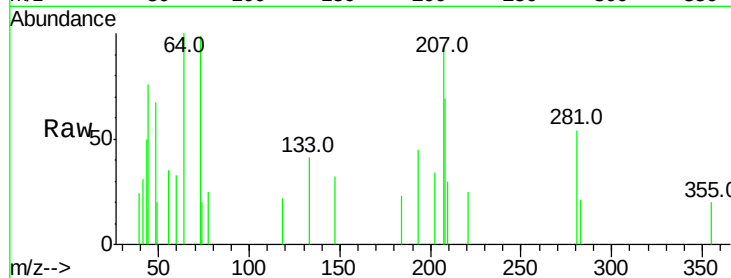




#76
Benzidine
Concen: 3.23 ng
RT: 19.99 min Scan# 2792
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

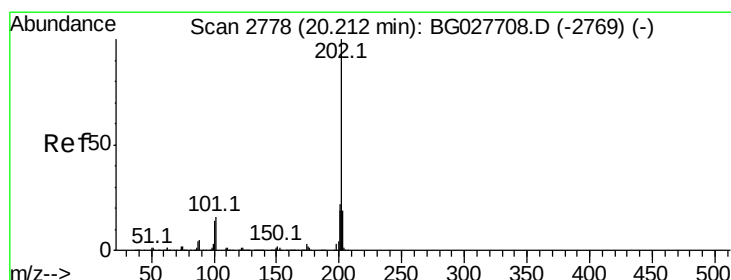
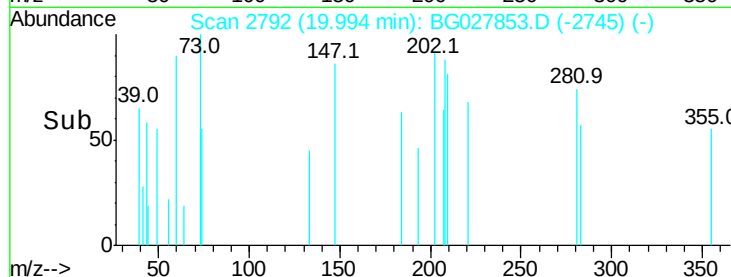
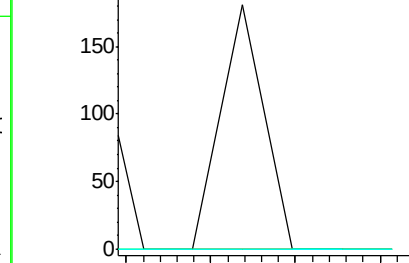
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
185 0.0 13.0 19.6#
183 0.0 11.0 16.6#



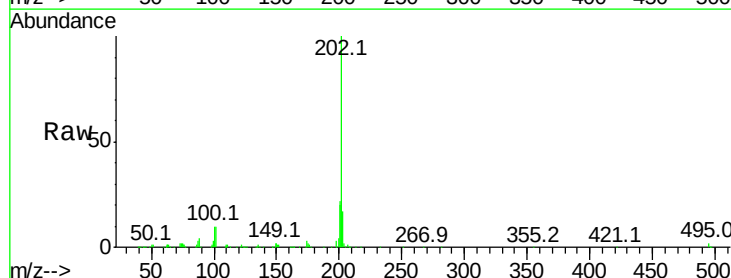
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

19.99



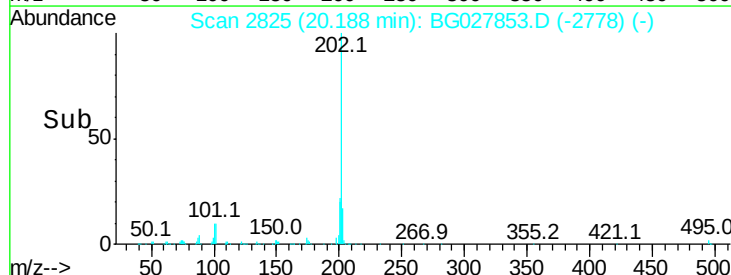
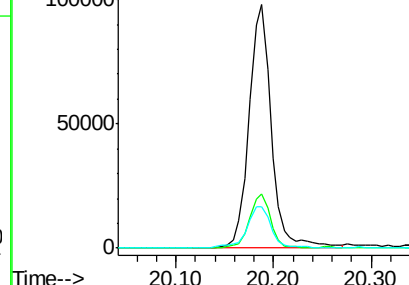
#77
Pyrene
Concen: 13.65 ng
RT: 20.19 min Scan# 2825
Delta R.T. -0.02 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

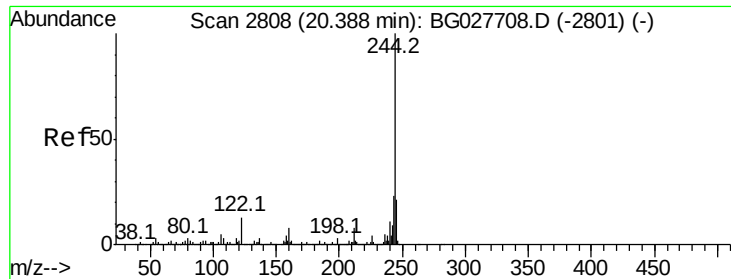
Tgt Ion:202 Resp: 157575
Ion Ratio Lower Upper
202 100
200 22.0 19.6 29.4
203 17.2 15.8 23.8



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

20.19





#78

Terphenyl-d14

Concen: 128.91 ng

RT: 20.37 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

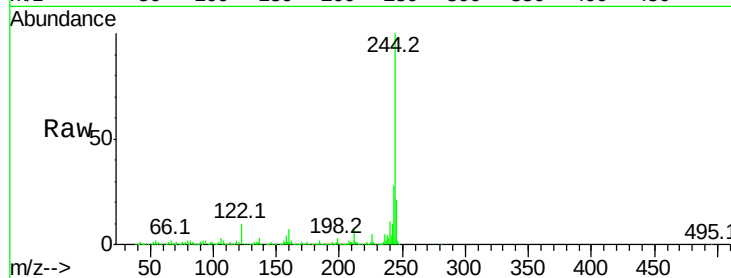
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1011597

Ion	Ratio	Lower	Upper
244	100		
212	7.7	10.0	15.0#
122	9.5	8.6	12.8



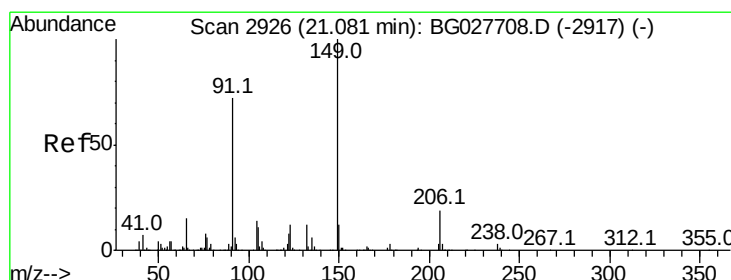
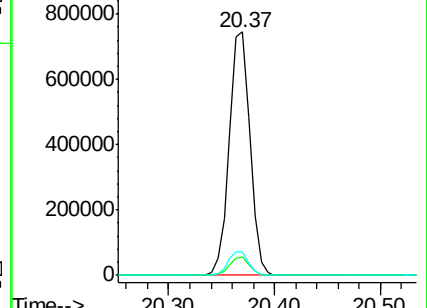
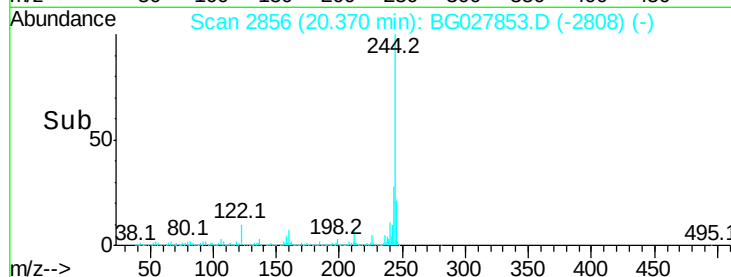
Abundance

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

20.37



#79

Butylbenzylphthalate

Concen: 17.37 ng

RT: 21.06 min Scan# 2973

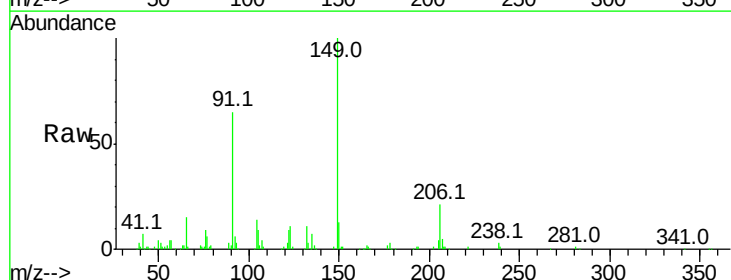
Delta R.T. -0.02 min

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#



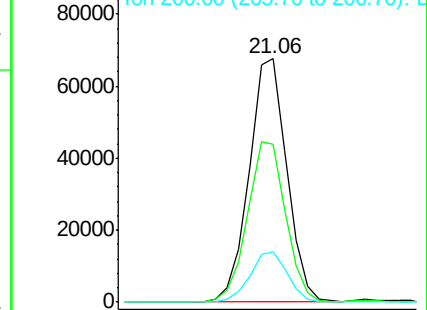
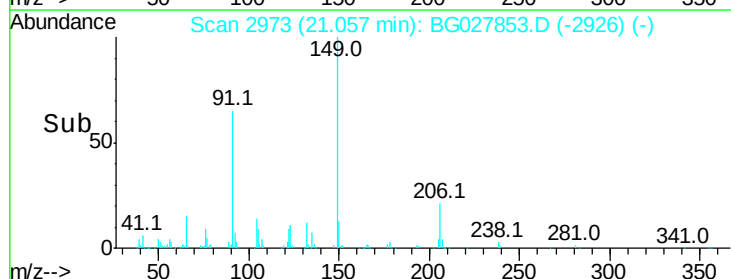
Abundance

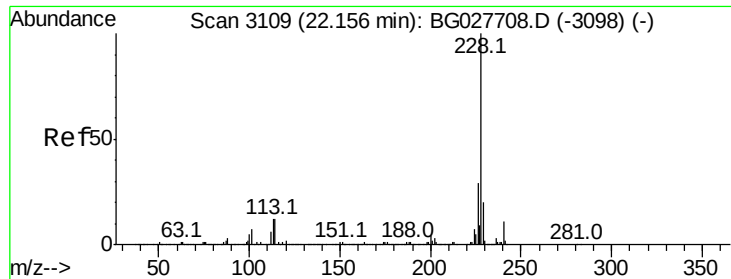
Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

21.06





#80

Benzo(a)anthracene

Concen: 39.87 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 :

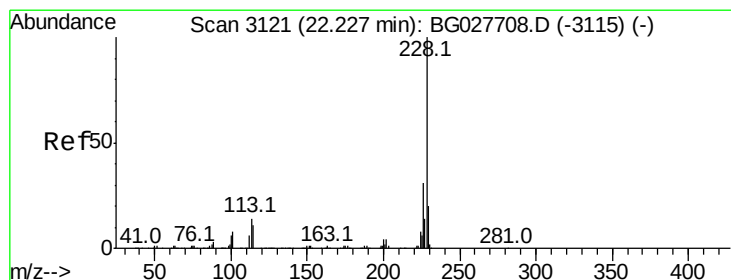
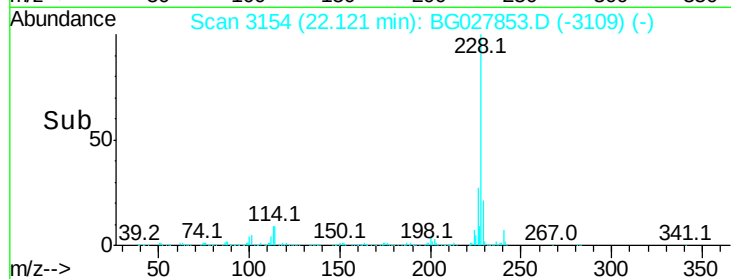
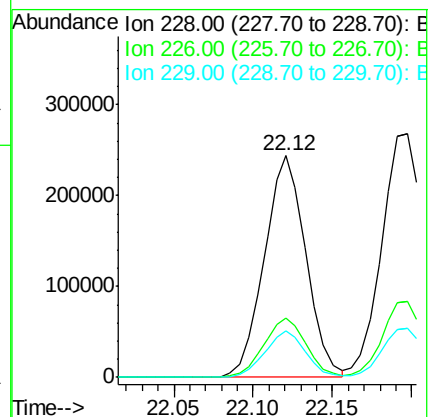
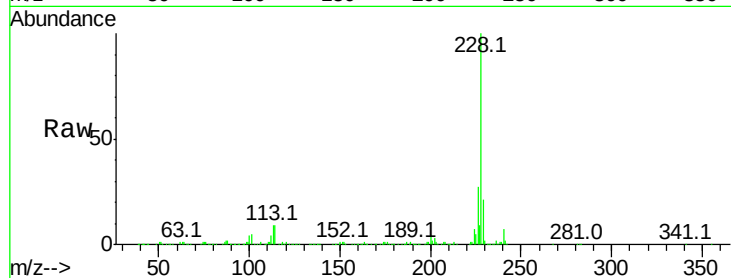
Tot Ion:228 Resp: 443516

Ion Ratio Lower Upper

228 100

226 26.9 24.9 37.3

229 21.3 18.2 27.2



#82

Chrysene

Concen: 47.45 ng

RT: 22.20 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

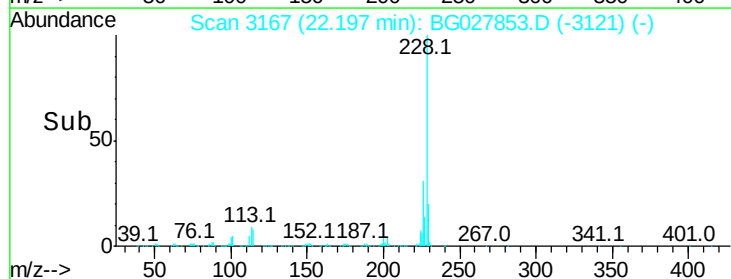
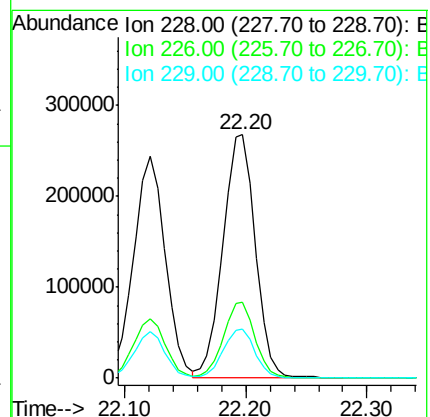
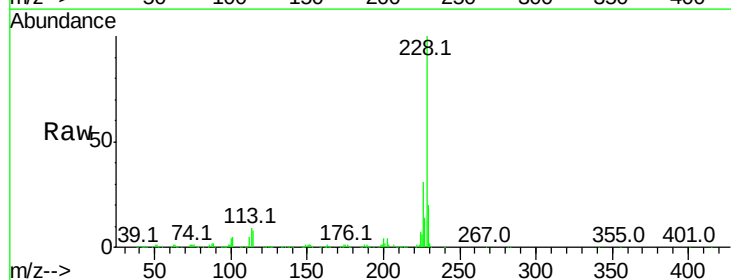
Tgt Ion:228 Resp: 494711

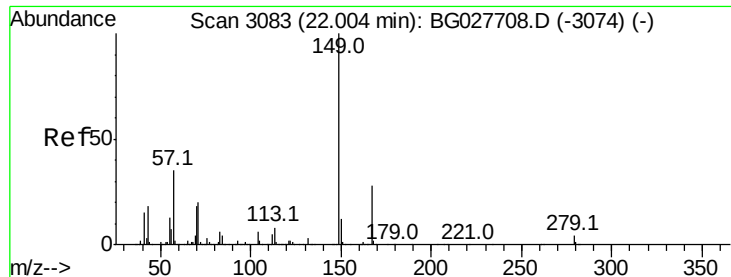
Ion Ratio Lower Upper

228 100

226 31.1 27.0 40.4

229 20.3 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.80 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 :

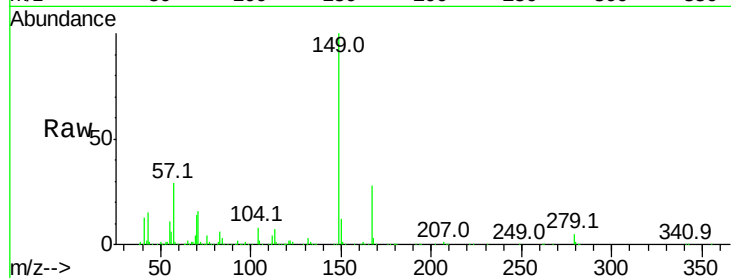
Tot Ion:149 Resp: 401218

Ion Ratio Lower Upper

149 100

167 28.1 23.7 35.5

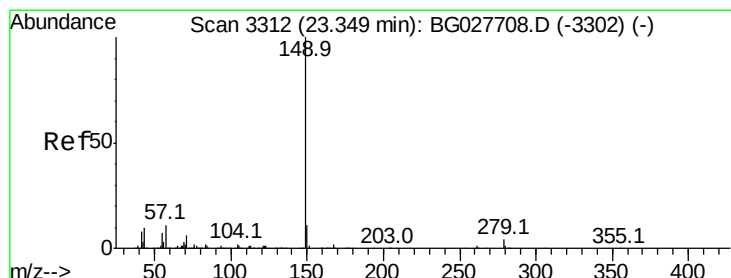
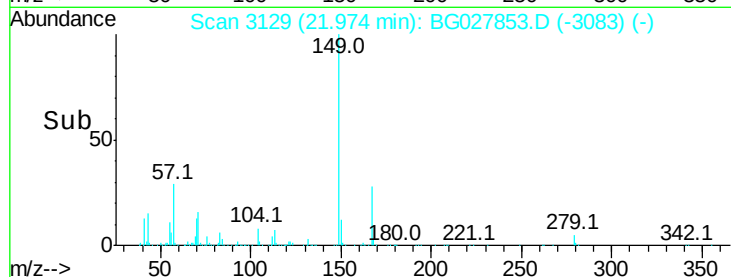
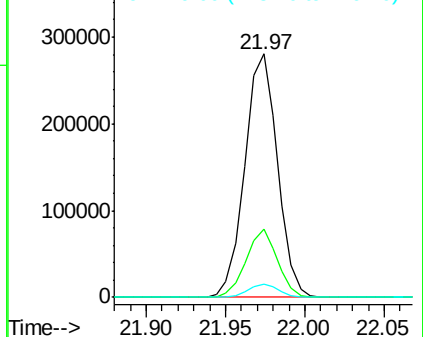
279 5.4 4.6 6.8



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: 53.88 ng

RT: 23.31 min Scan# 3356

Delta R.T. -0.04 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

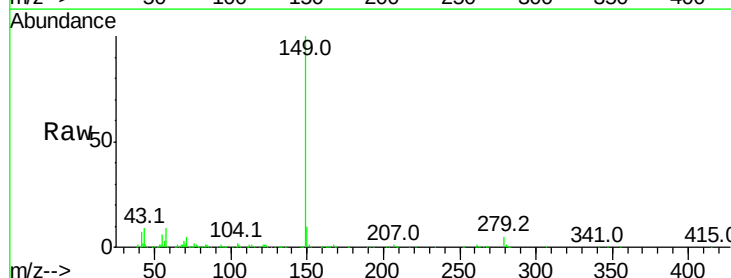
Tgt Ion:149 Resp: 676415

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.2

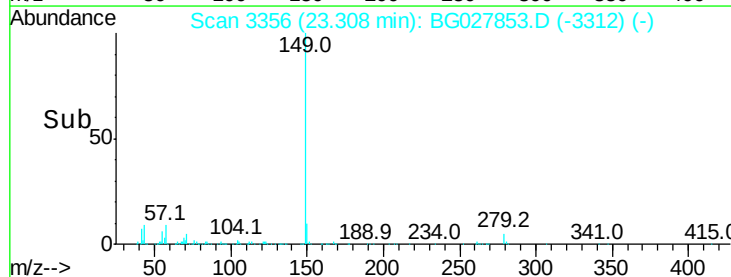
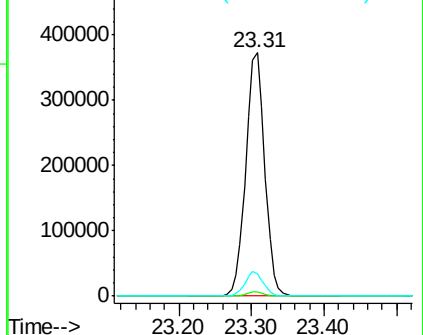
43 9.7 11.8 17.6#

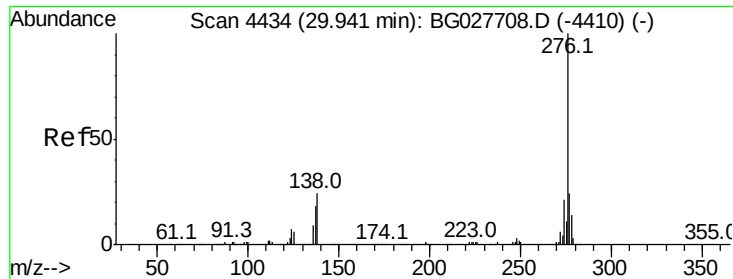


Abundance Ion 149.00 (148.70 to 149.70): E

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: 10.42 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

ClientSampled :

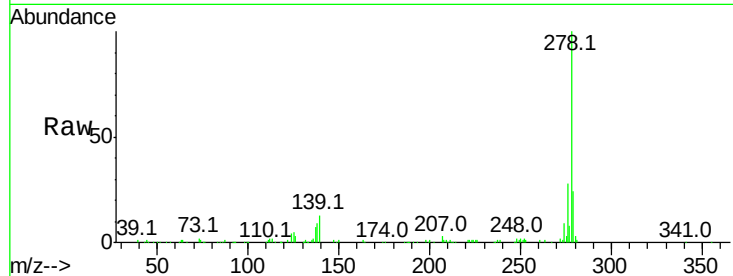
Tot Ion:276 Resp: 124147

Ion Ratio Lower Upper

276 100

138 17.8 4.7 7.1#

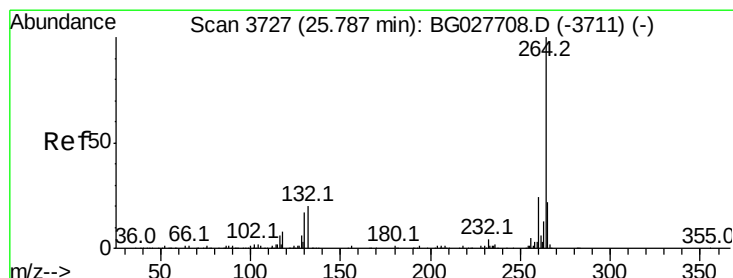
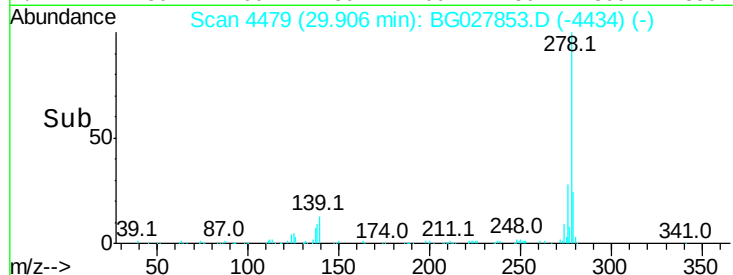
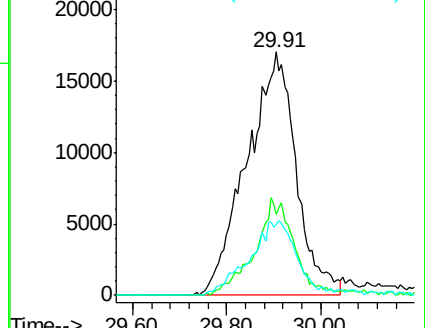
277 15.8 20.6 31.0#



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: 20.00 ng

RT: 25.72 min Scan# 3767

Delta R.T. -0.07 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

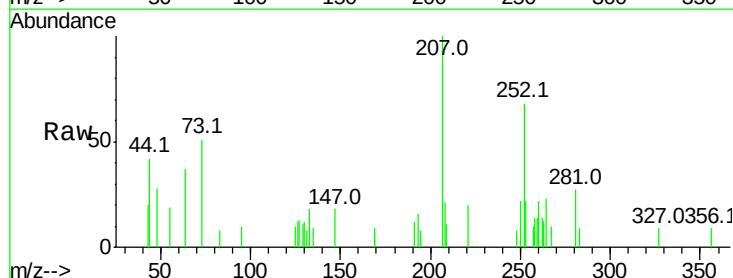
Tgt Ion:264 Resp: 888

Ion Ratio Lower Upper

264 100

260 96.7 21.8 32.8#

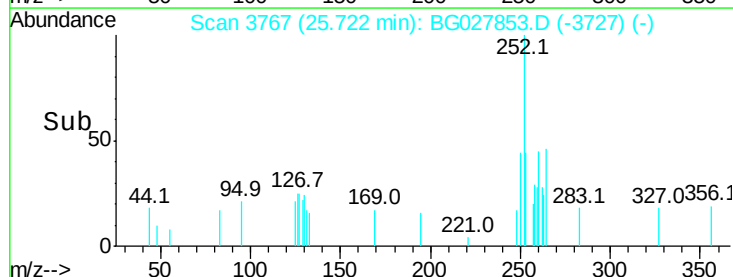
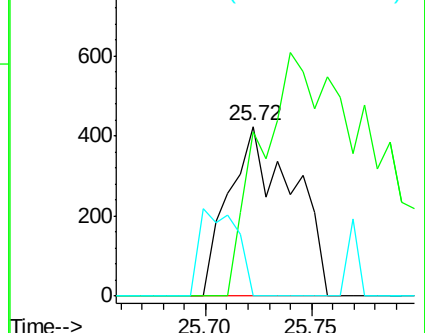
265 0.0 18.2 27.4#

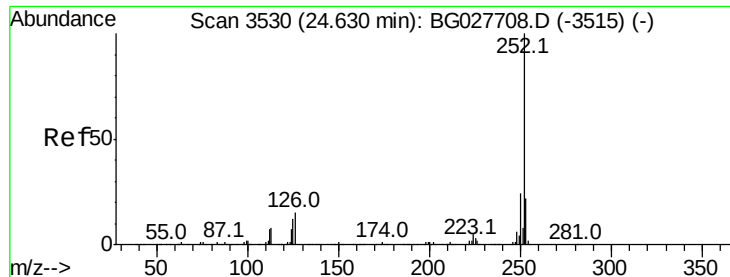


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

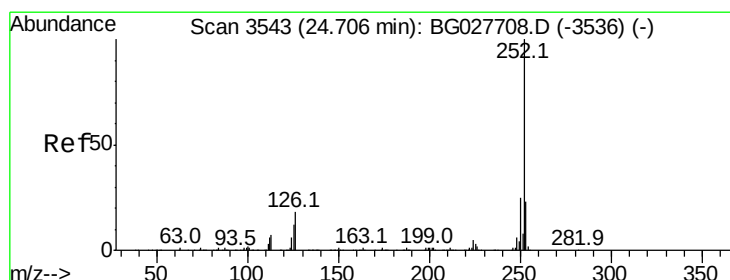
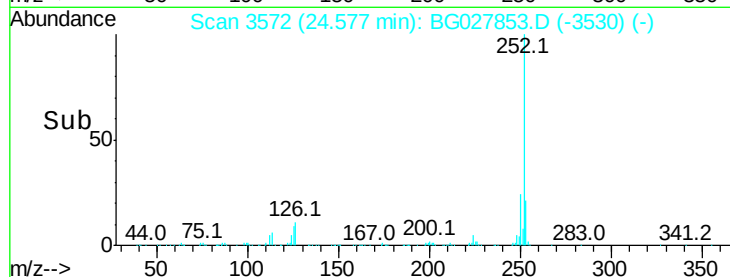
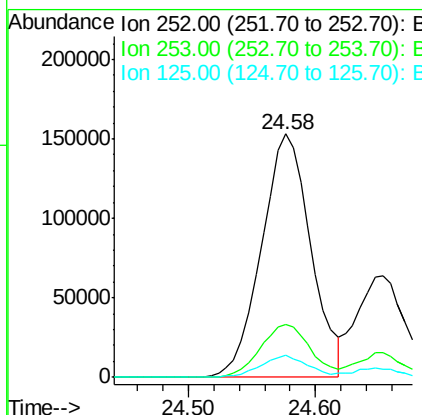
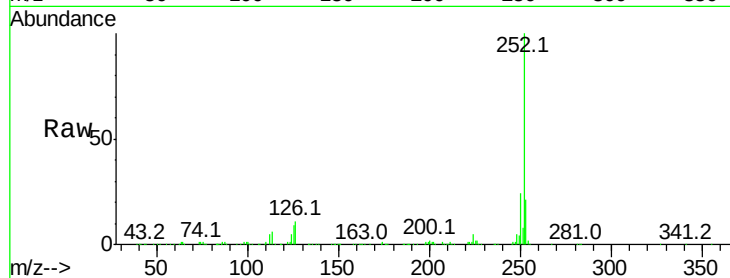




#87
Benzo(b)fluoranthene
Concen: 7227.15 ng
RT: 24.58 min Scan# 3572
Delta R.T. -0.05 min
Lab File: BG027853.D
Acq: 5 Jul 2017 18:31

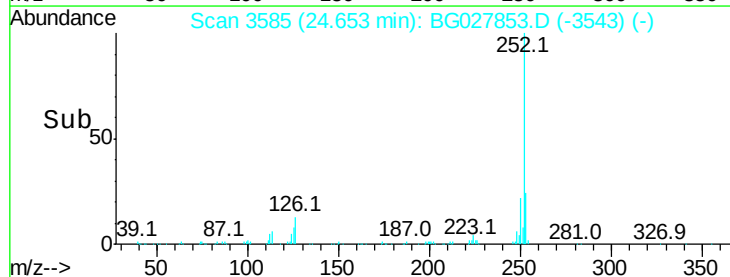
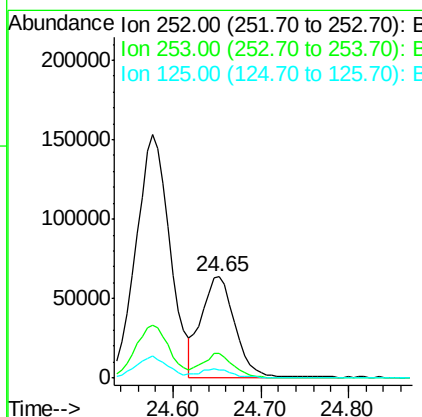
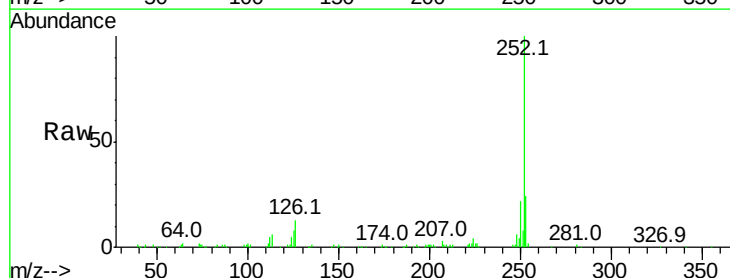
Instrument :
BNA_G
ClientSampleId :

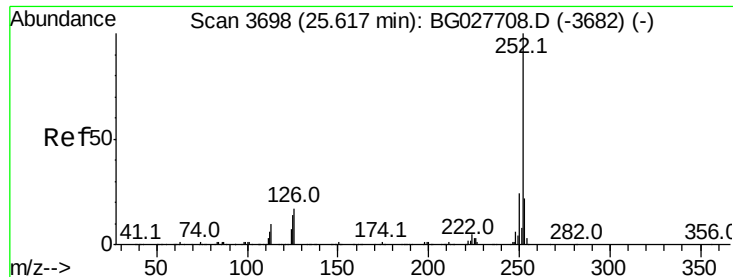
Tot Ion:252 Resp: 413465
Ion Ratio Lower Upper
252 100
253 21.5 18.7 28.1
125 9.0 5.3 7.9#



#88
Benzo(k)fluoranthene
Concen: 3016.06 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: 1504.91 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

ClientSampled :

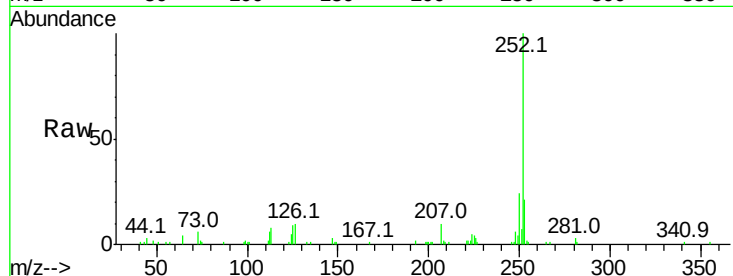
Tot Ion:252 Resp: 80787

Ion Ratio Lower Upper

252 100

253 21.1 19.2 28.8

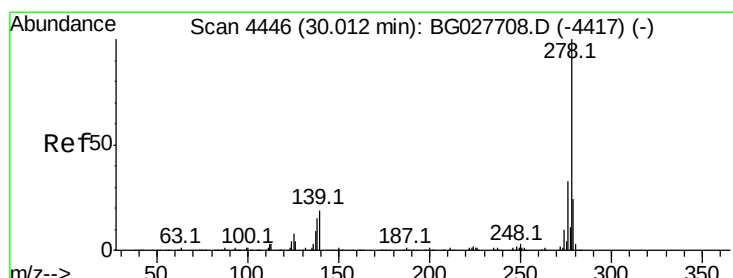
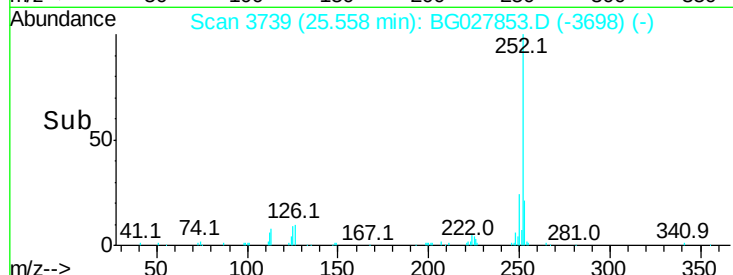
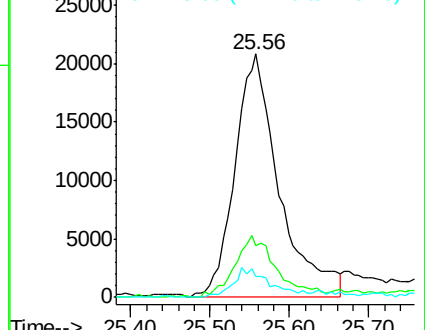
125 8.7 5.4 8.0#



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: 5706.95 ng

RT: 29.91 min Scan# 4479

Delta R.T. -0.11 min

Lab File: BG027853.D

Acq: 5 Jul 2017 18:31

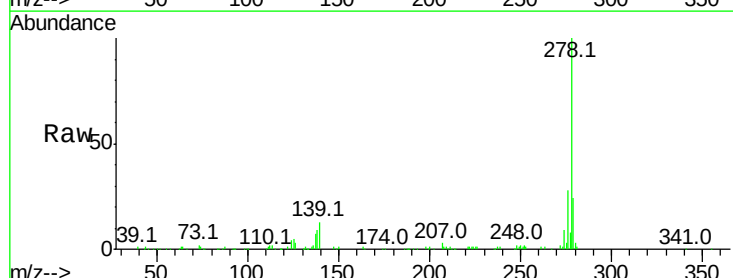
Tgt Ion:278 Resp: 310366

Ion Ratio Lower Upper

278 100

139 13.2 7.7 11.5#

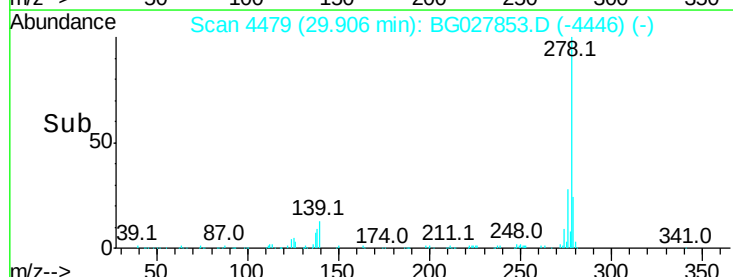
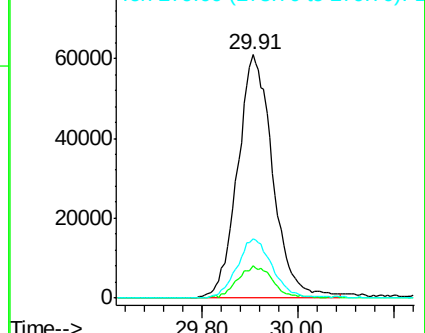
279 24.2 19.1 28.7

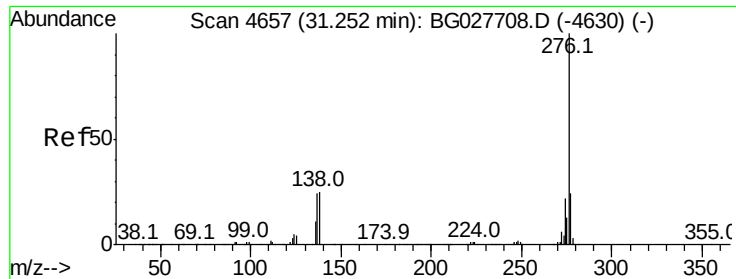


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 1383.51 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 :

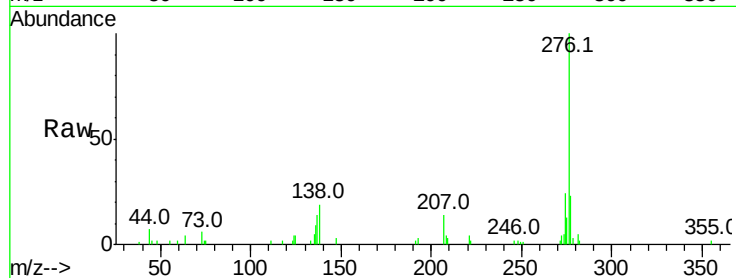
Tot Ion:276 Resp: 72309

Ion Ratio Lower Upper

276 100

277 23.1 18.6 27.8

138 19.2 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

