

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035433.D
 Acq On : 27 Jun 2018 6:36
 Operator : JU/SJ
 Sample : PB110599BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 27 07:24:00 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	47229	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	181836	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	136873	20.00	ng	-0.03
63) Phenanthrene-d10	17.41	188	363116	20.00	ng	-0.03
75) Chrysene-d12	21.68	240	376147	20.00	ng	-0.03
86) Perylene-d12	24.90	264	367539	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	373029	133.29	ng	-0.01
7) Phenol-d6	7.22	99	538188	130.30	ng	0.00
23) Nitrobenzene-d5	9.21	82	343364	89.76	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	257550	146.99	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	804240	76.39	ng	-0.03
78) Terphenyl-d14	20.02	244	1450067	80.75	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	40173	30.086	ng	# 71
3) Pyridine	3.93	79	114877	31.886	ng	# 68
4) n-Nitrosodimethylamine	3.85	42	48893	31.589	ng	# 84
6) Aniline	7.37	93	160894	30.135	ng	96
8) 2-Chlorophenol	7.62	128	118638	40.443	ng	95
9) Benzaldehyde	7.19	77	86111	27.065	ng	97
10) Phenol	7.24	94	179281	41.941	ng	93
11) bis(2-Chloroethyl)ether	7.47	93	111623	33.644	ng	94
12) 1,3-Dichlorobenzene	7.94	146	130352	37.242	ng	96
13) 1,4-Dichlorobenzene	8.08	146	134392	37.195	ng	94
14) 1,2-Dichlorobenzene	8.41	146	127358	37.526	ng	98
15) Benzyl Alcohol	8.28	79	143500	36.664	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	130547	39.533	ng	73
17) 2-Methylphenol	8.49	107	118642	42.098	ng	93
18) Hexachloroethane	9.13	117	47605	36.802	ng	89
19) n-Nitroso-di-n-propylamine	8.85	70	109380	31.169	ng	# 85
20) 3+4-Methylphenols	8.82	107	167732	41.522	ng	95
22) Acetophenone	8.87	105	209213	37.142	ng	# 88
24) Nitrobenzene	9.25	77	170191	43.447	ng	93
25) Isophorone	9.77	82	312087	38.641	ng	99
26) 2-Nitrophenol	9.96	139	68275	50.565	ng	# 90
27) 2,4-Dimethylphenol	10.02	122	127335	44.866	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	164760	37.961	ng	96
29) 2,4-Dichlorophenol	10.50	162	143848	46.581	ng	95
30) 1,2,4-Trichlorobenzene	10.72	180	151640	40.951	ng	99
31) Naphthalene	10.90	128	368873	39.050	ng	98
32) Benzoic acid	10.15	122	79305	41.718	ng	# 85
33) 4-Chloroaniline	11.01	127	87554	21.346	ng	99
34) Hexachlorobutadiene	11.19	225	114251	39.673	ng	97
35) Caprolactam	11.78	113	37735	33.064	ng	# 65
36) 4-Chloro-3-methylphenol	12.13	107	171635	44.586	ng	92
37) 2-Methylnaphthalene	12.50	142	299440	41.811	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	204529	40.118	ng	99
40) Hexachlorocyclopentadiene	12.85	237	277518	86.804	ng	95

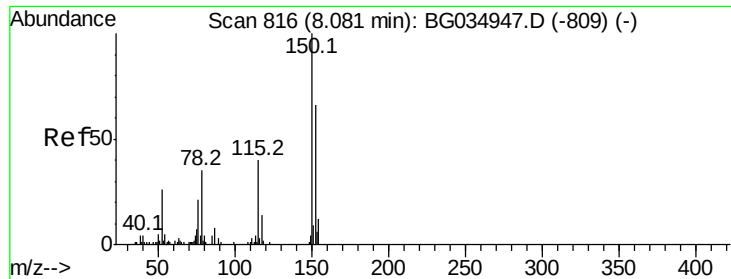
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	135765	44.473	nq	97
43) 2,4,5-Trichlorophenol	13.18	196	146879	43.836	nq	94
45) 1,1'-Biphenyl	13.51	154	415810	37.780	nq	98
46) 2-Chloronaphthalene	13.55	162	319370	38.380	nq	97
47) 2-Nitroaniline	13.75	65	110844	45.110	nq	97
48) Acenaphthylene	14.39	152	540290	38.722	nq	97
49) Dimethylphthalate	14.12	163	451669	37.842	nq	99
50) 2,6-Dinitrotoluene	14.24	165	102930	47.270	nq	92
51) Acenaphthene	14.73	154	325912	35.750	nq	99
52) 3-Nitroaniline	14.58	138	70277	32.891	nq #	93
53) 2,4-Dinitrophenol	14.78	184	101368	115.029	nq #	64
54) Dibenzofuran	15.07	168	528041	38.674	nq	93
55) 4-Nitrophenol	14.88	139	149229	82.754	nq #	88
56) 2,4-Dinitrotoluene	15.03	165	148256	51.255	nq #	86
57) Fluorene	15.72	166	441309	38.675	nq	96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	153836	47.262	nq #	91
59) Diethylphthalate	15.49	149	448043	36.793	nq	98
60) 4-Chlorophenyl-phenylether	15.71	204	259381	39.863	nq	95
61) 4-Nitroaniline	15.74	138	102638	44.791	nq #	80
62) Azobenzene	16.00	77	453044	37.965	nq	94
64) 4,6-Dinitro-2-methylphenol	15.79	198	81193	48.974	nq	88
65) n-Nitrosodiphenylamine	15.92	169	399089	36.598	nq	97
66) 4-Bromophenyl-phenylether	16.60	248	180235	41.217	nq	97
67) Hexachlorobenzene	16.72	284	183637	41.260	nq	94
68) Atrazine	16.87	200	182746	39.298	nq	97
69) Pentachlorophenol	17.07	266	209951	70.151	nq	99
70) Phenanthrene	17.46	178	723776	39.239	nq	99
71) Anthracene	17.55	178	737537	39.917	nq	97
72) Carbazole	17.82	167	656463	38.293	nq	99
73) Di-n-butylphthalate	18.37	149	744297	36.426	nq	99
74) Fluoranthene	19.46	202	935645	38.981	nq	95
76) Benzidine	19.64	184	458326	32.752	nq	97
77) Pyrene	19.82	202	924393	37.278	nq	96
79) Butylbenzylphthalate	20.71	149	340280	37.791	nq #	94
80) Benzo(a)anthracene	21.66	228	956206	39.781	nq	100
81) 3,3'-Dichlorobenzidine	21.58	252	241448	26.699	nq #	95
82) Chrysene	21.73	228	891770	40.521	nq	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	460503	36.194	nq	99
84) Di-n-octyl phthalate	22.77	149	797227	36.523	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.56	276	1042608	40.450	nq #	89
87) Benzo(b)fluoranthene	23.88	252	929982	41.088	nq #	96
88) Benzo(k)fluoranthene	23.95	252	884181	39.934	nq #	96
89) Benzo(a)pyrene	24.74	252	901556	42.331	nq #	97
90) Dibenzo(a,h)anthracene	28.63	278	841175	40.009	nq #	96
91) Benzo(g,h,i)perylene	29.71	276	855106	41.559	nq #	93

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

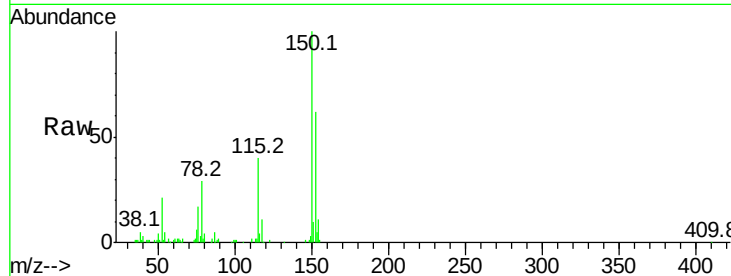


#1

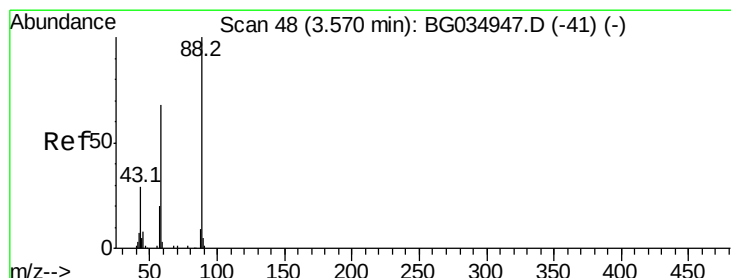
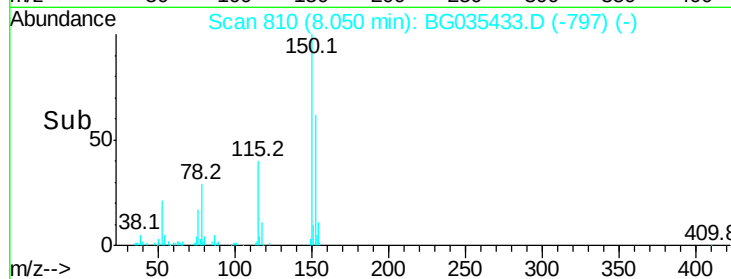
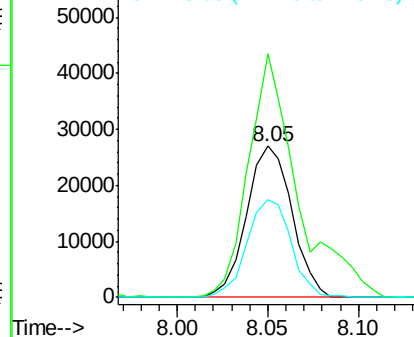
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 47229
Ion Ratio Lower Upper
152 100
150 160.9 126.6 189.8
115 64.9 53.0 79.4



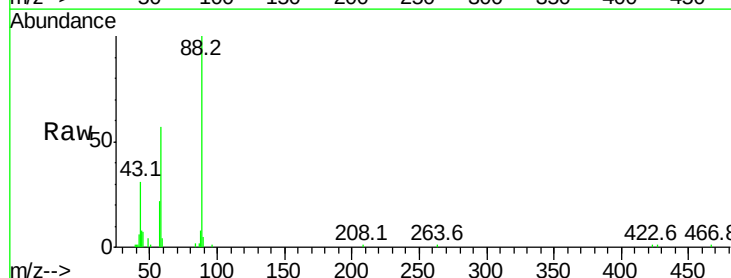
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



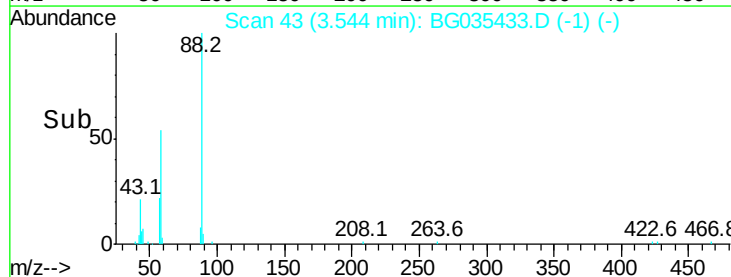
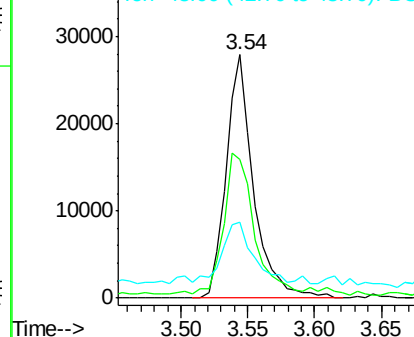
#2

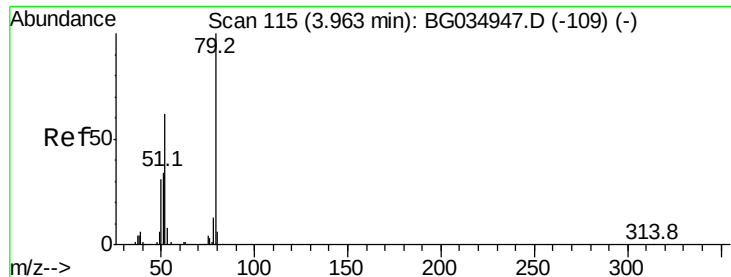
1,4-Dioxane
Concen: 30.086 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.02 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion: 88 Resp: 40173
Ion Ratio Lower Upper
88 100
58 64.1 79.6 119.4#
43 28.1 27.4 41.0



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





#3

Pvridine

Concen: 31.886 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

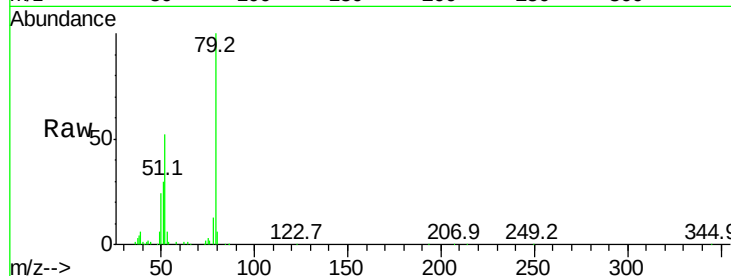
Tot Ion: 79 Resp: 114877

Ion Ratio Lower Upper

79 100

52 52.0 69.9 104.9#

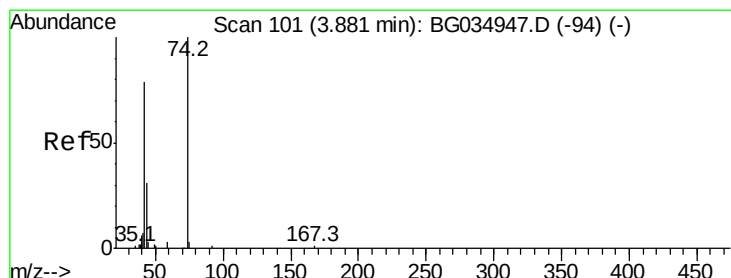
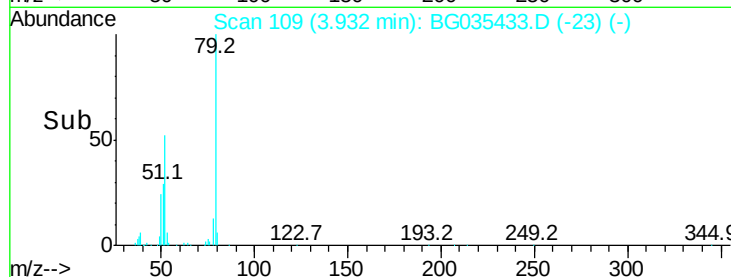
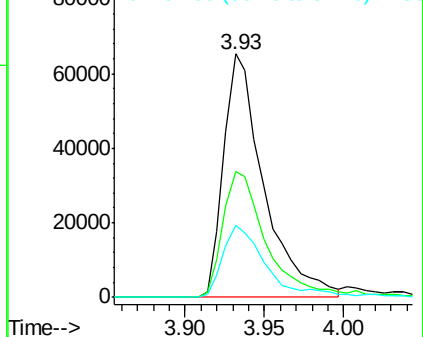
51 29.6 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 31.589 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

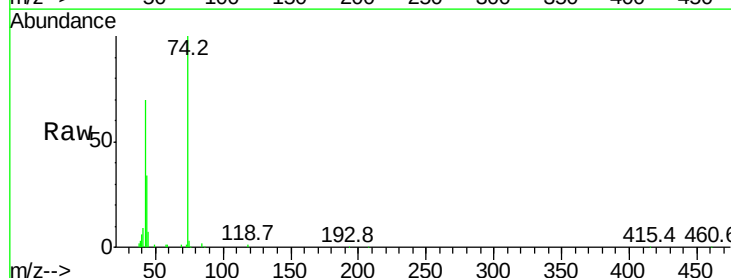
Tgt Ion: 42 Resp: 48893

Ion Ratio Lower Upper

42 100

74 143.3 102.5 153.7

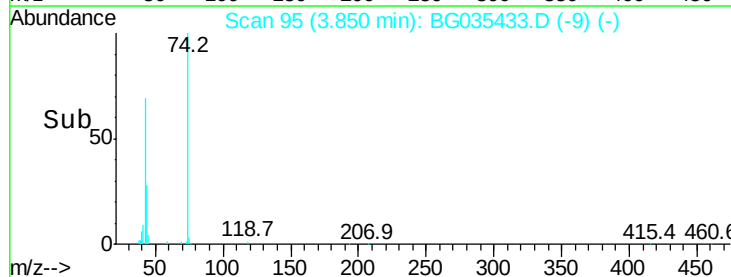
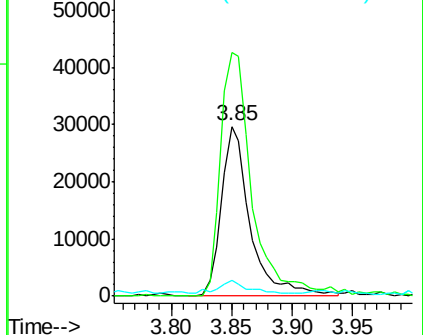
44 9.4 18.9 28.3#

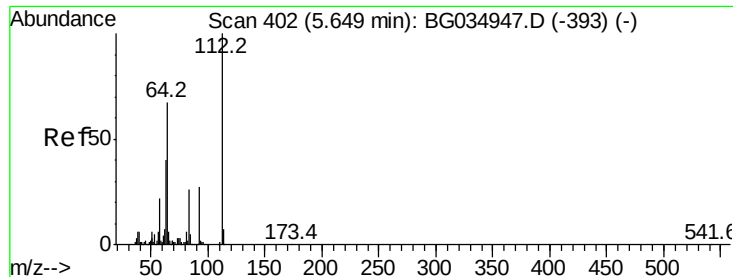


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 133.292 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.01 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

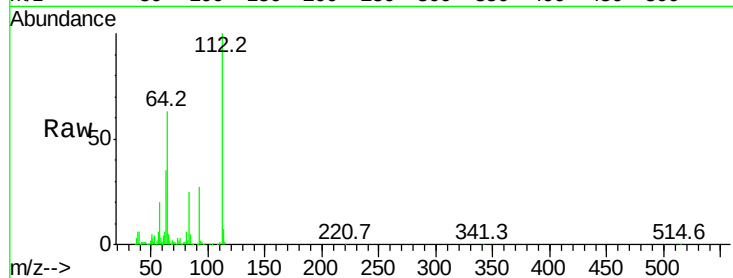
Tot Ion:112 Resp: 373029

Ion Ratio Lower Upper

112 100

64 62.8 56.3 84.5

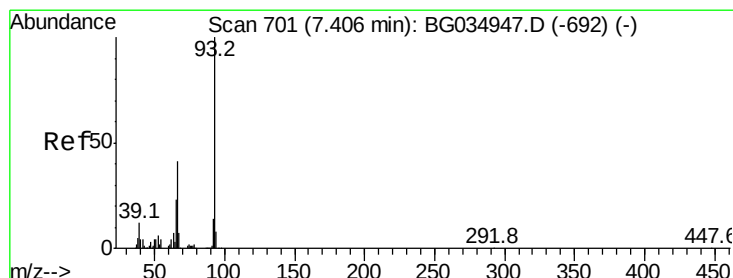
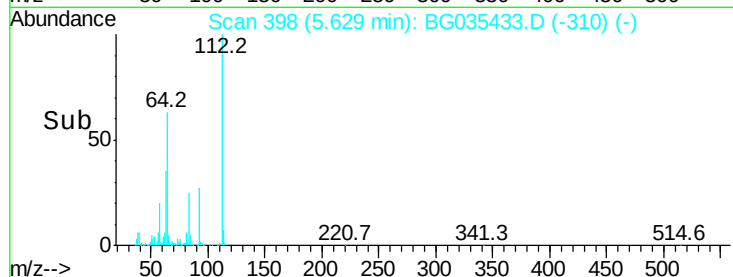
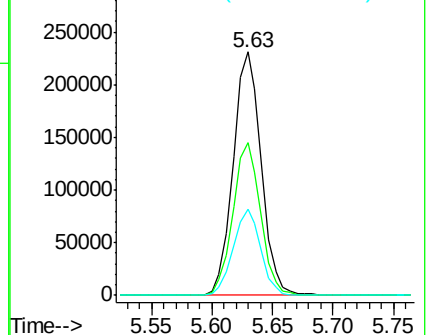
63 35.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 30.135 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

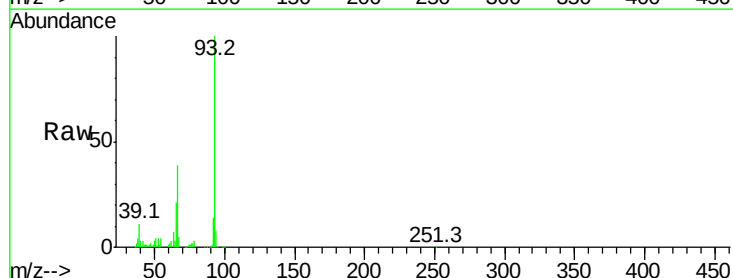
Tgt Ion: 93 Resp: 160894

Ion Ratio Lower Upper

93 100

66 39.1 33.7 50.5

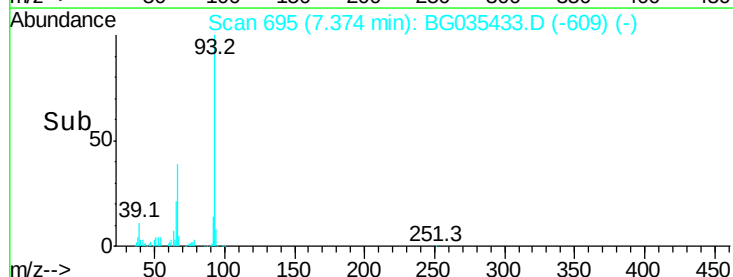
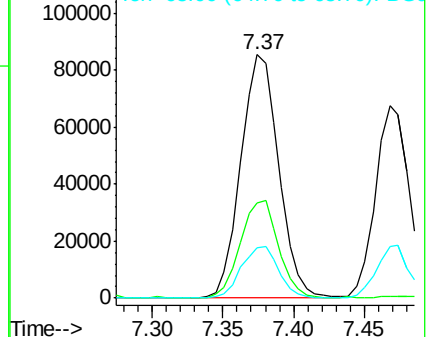
65 20.9 16.1 24.1

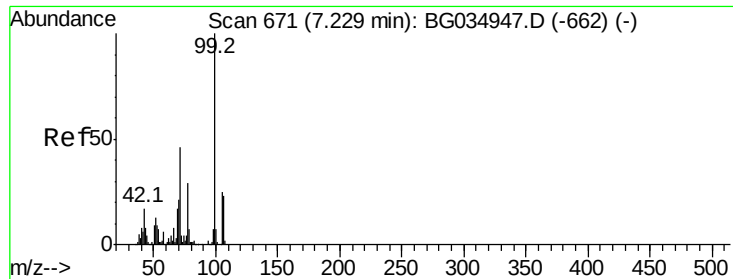


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.295 ng

RT: 7.22 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

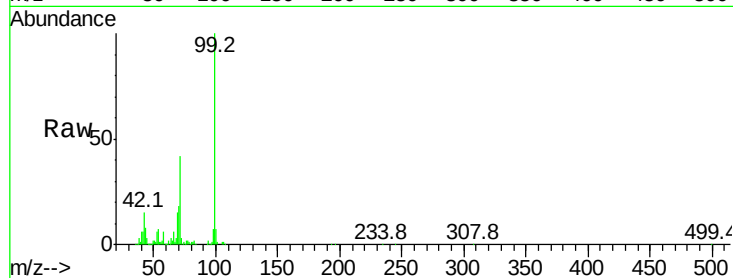
Tot Ion: 99 Resp: 538188

Ion Ratio Lower Upper

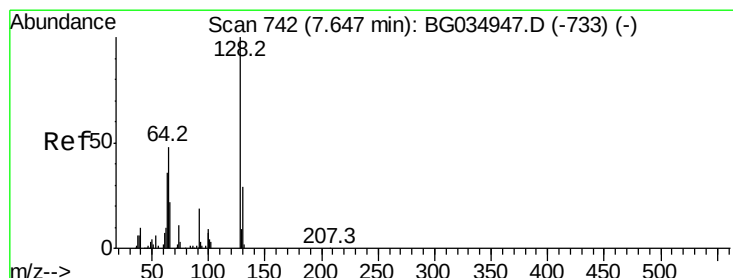
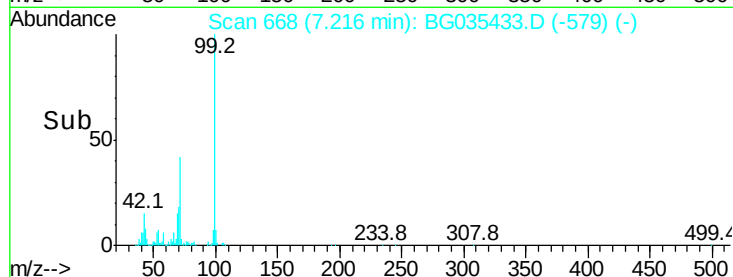
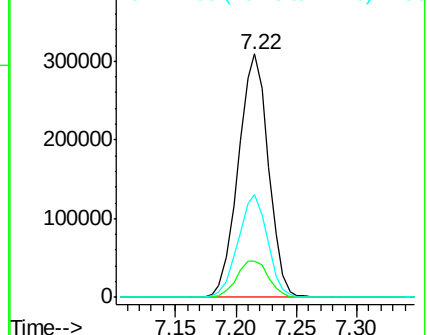
99 100

42 15.0 14.1 21.1

71 42.1 26.1 39.1#



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: 40.443 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

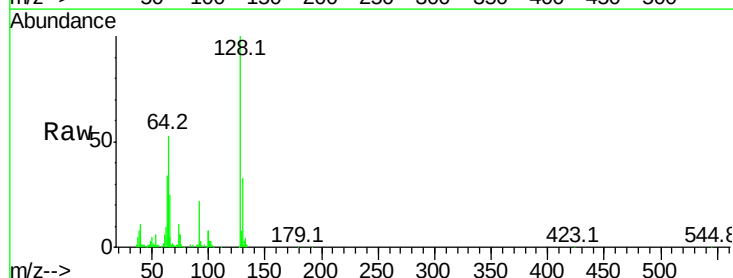
Tgt Ion: 128 Resp: 118638

Ion Ratio Lower Upper

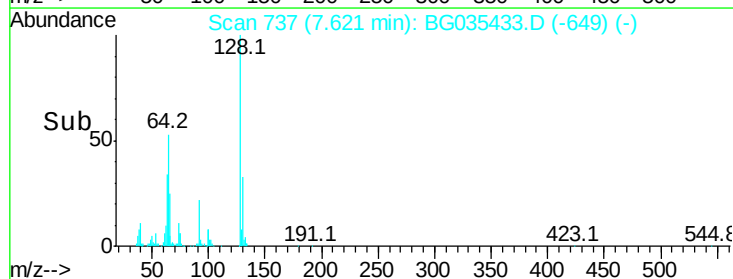
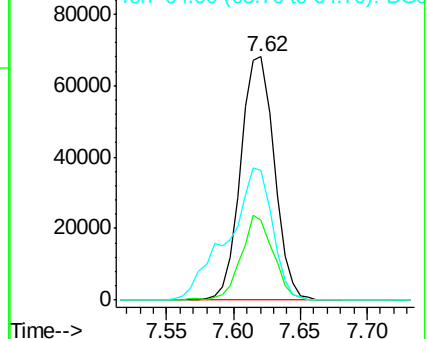
128 100

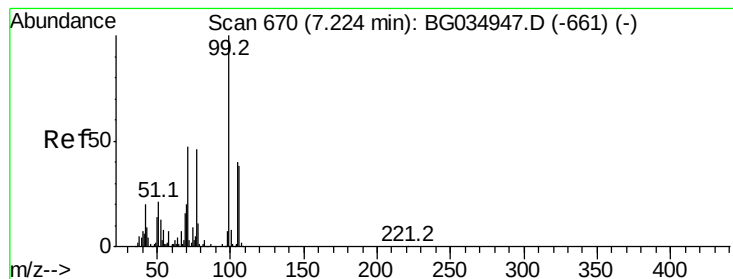
130 32.7 14.0 54.0

64 53.1 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.065 ng

RT: 7.19 min Scan# 663

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

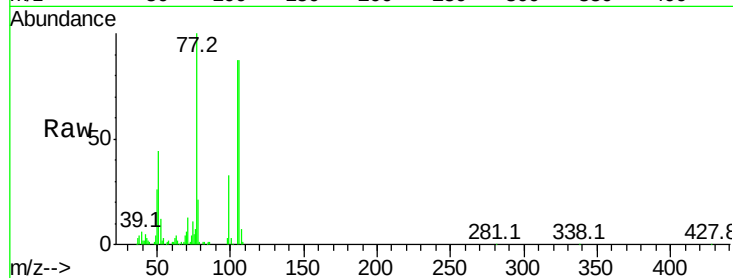
Tot Ion: 77 Resp: 86111

Ion Ratio Lower Upper

77 100

105 87.3 71.3 111.3

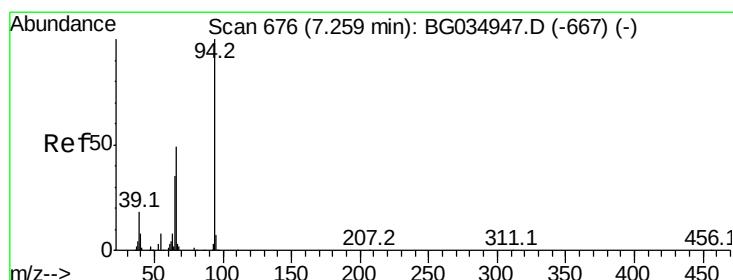
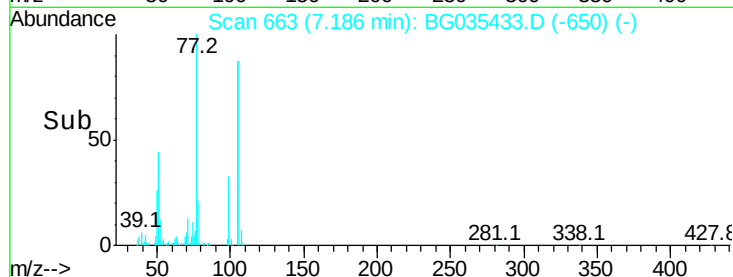
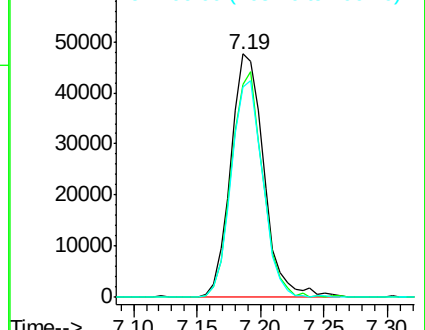
106 86.5 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.941 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

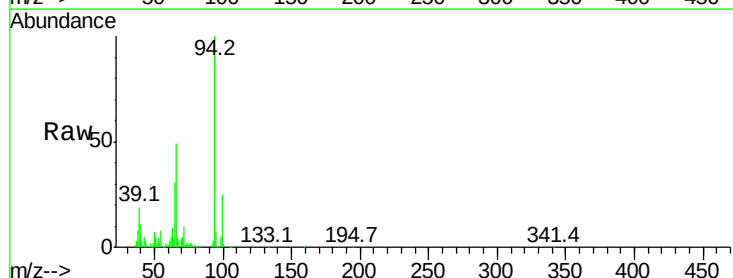
Tgt Ion: 94 Resp: 179281

Ion Ratio Lower Upper

94 100

65 31.0 11.9 51.9

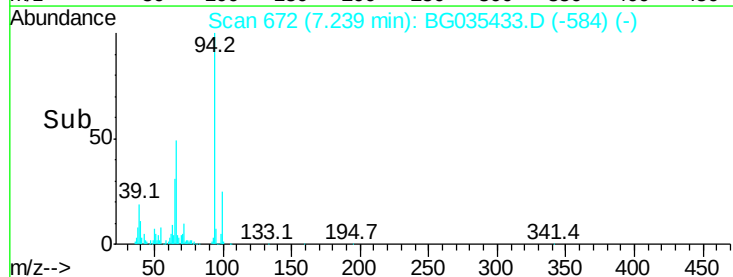
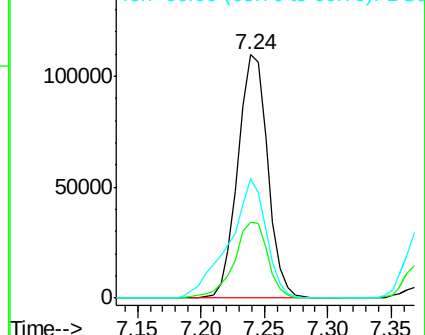
66 49.1 22.2 62.2

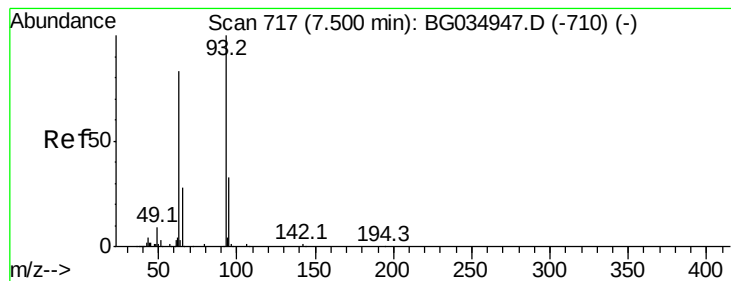


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

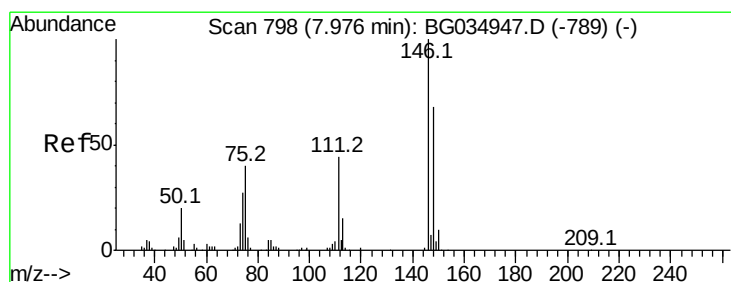
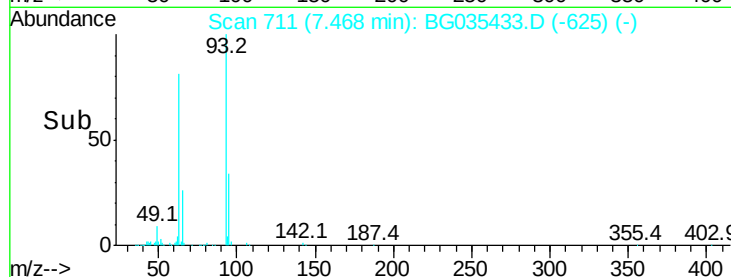
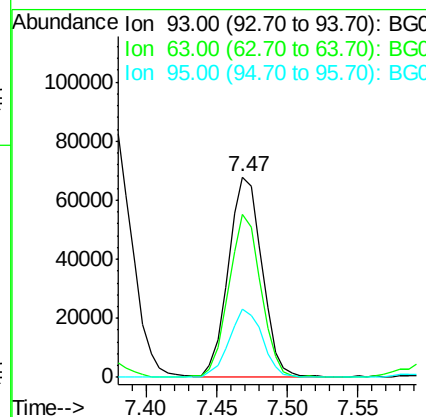
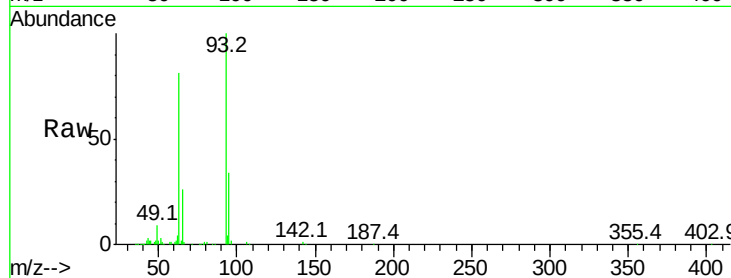




#11
bis(2-Chloroethyl)ether
Concen: 33.644 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

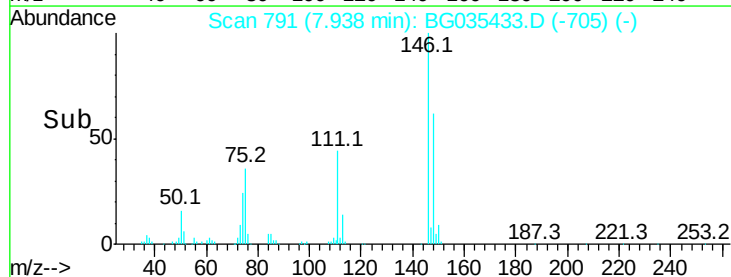
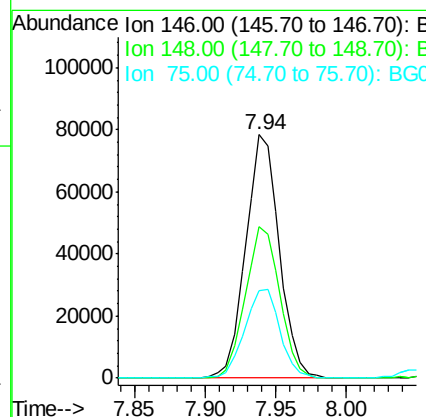
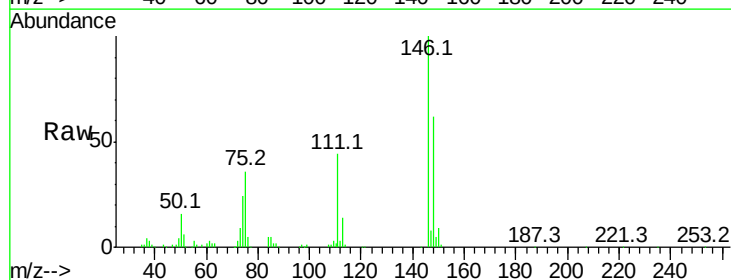
Instrument :
BNA_G
ClientSampleId :

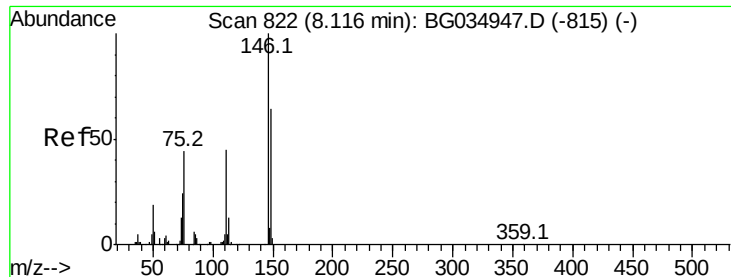
Tot Ion: 93 Resp: 111623
Ion Ratio Lower Upper
93 100
63 81.4 67.1 107.1
95 34.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.242 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion: 146 Resp: 130352
Ion Ratio Lower Upper
146 100
148 62.1 51.4 77.2
75 36.0 26.6 39.8

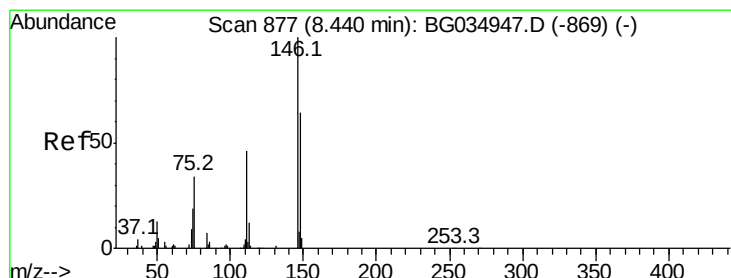
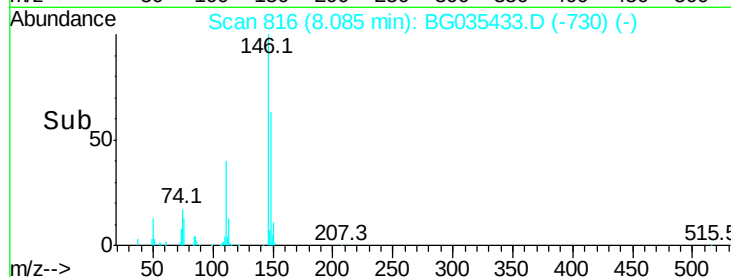
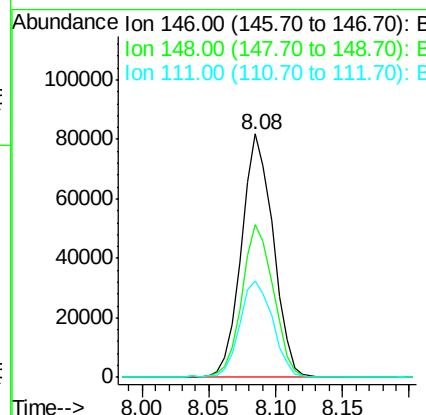
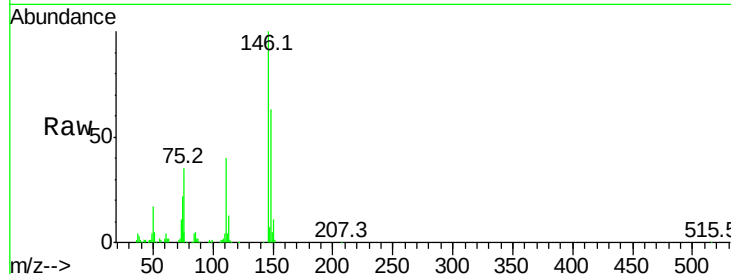




#13
1,4-Dichlorobenzene
Concen: 37.195 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

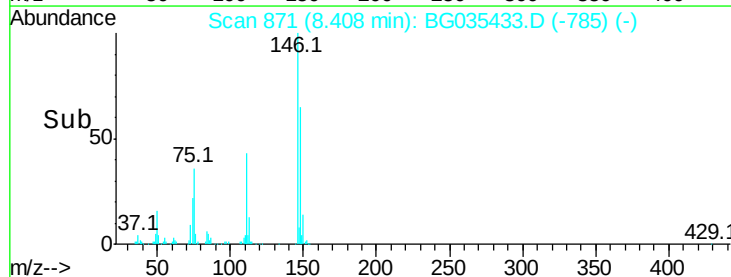
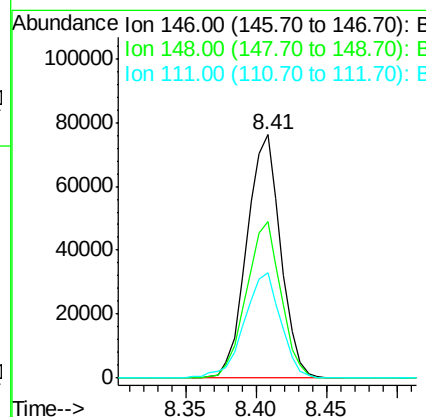
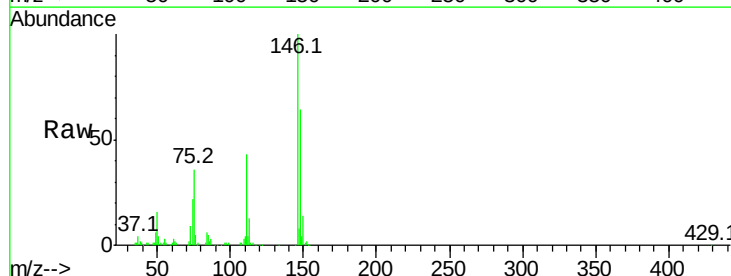
Instrument :
BNA_G
ClientSampleId :

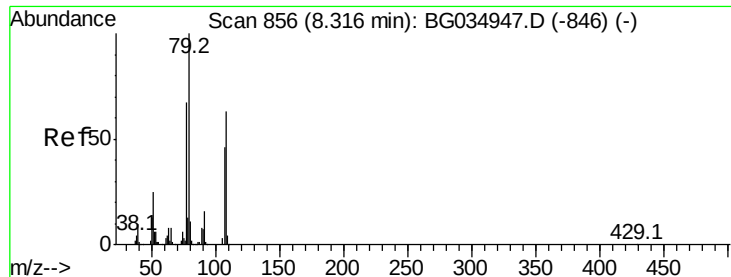
Tot Ion:146 Resp: 134392
Ion Ratio Lower Upper
146 100
148 62.6 53.7 80.5
111 39.6 35.2 52.8



#14
1,2-Dichlorobenzene
Concen: 37.526 ng
RT: 8.41 min Scan# 871
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion:146 Resp: 127358
Ion Ratio Lower Upper
146 100
148 64.3 49.3 73.9
111 43.3 34.3 51.5





#15

Benzyl Alcohol

Concen: 36.664 ng

RT: 8.28 min Scan# 850

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampled :

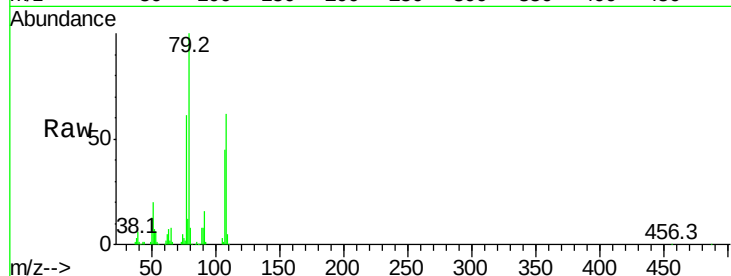
Tot Ion: 79 Resp: 143500

Ion Ratio Lower Upper

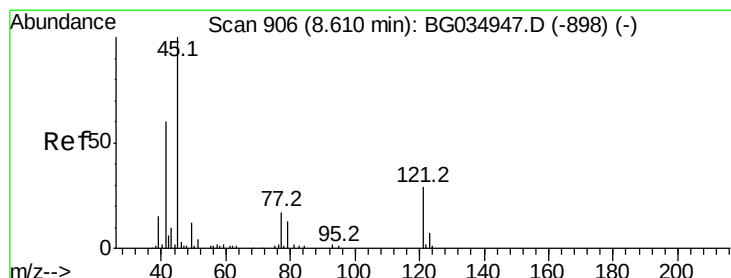
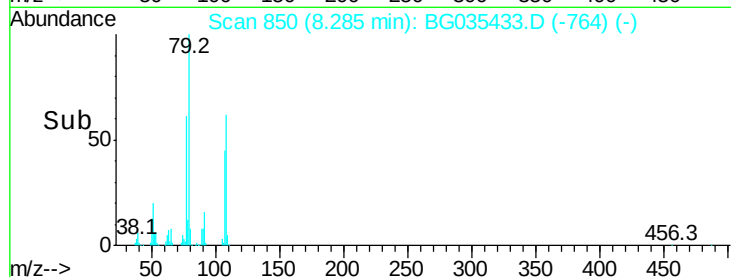
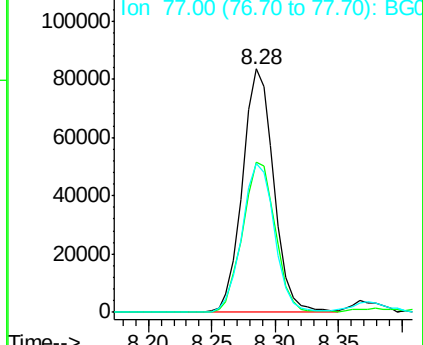
79 100

108 61.7 57.2 85.8

77 61.4 46.1 69.1



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.533 ng

RT: 8.57 min Scan# 899

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

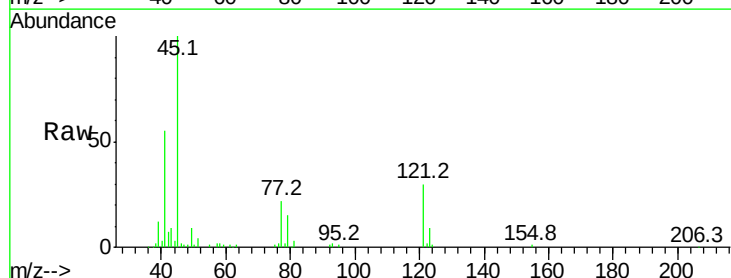
Tgt Ion: 45 Resp: 130547

Ion Ratio Lower Upper

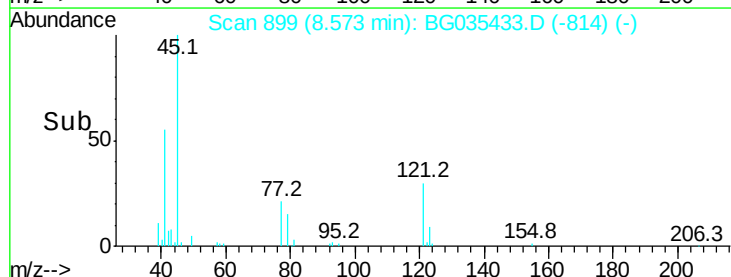
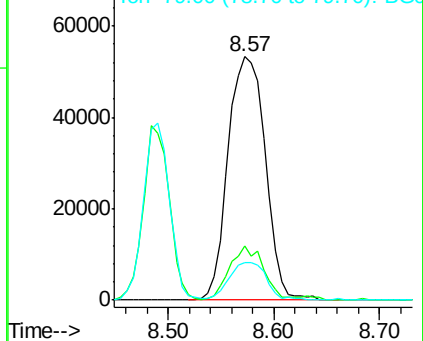
45 100

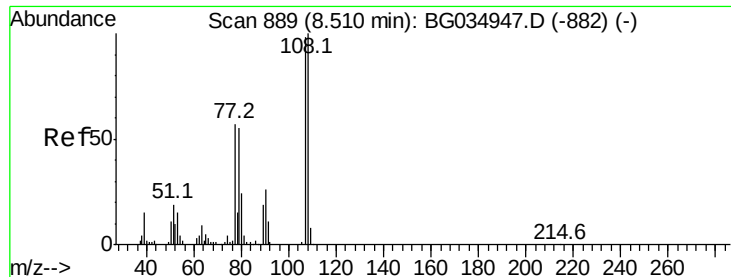
77 22.2 0.0 30.2

79 15.2 0.0 27.9



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: 42.098 ng

RT: 8.49 min Scan# 885

Delta R.T. -0.01 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 118642

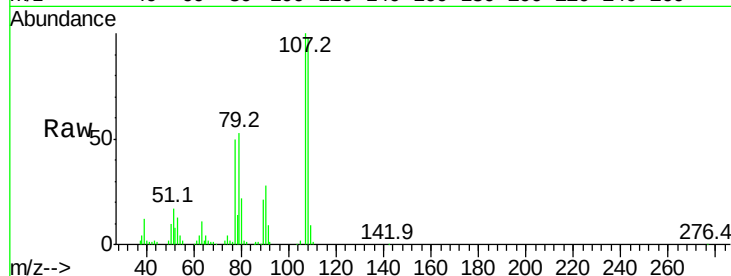
Ion Ratio Lower Upper

107 100

108 98.4 83.9 125.9

77 49.9 37.2 55.8

79 53.2 36.2 54.2

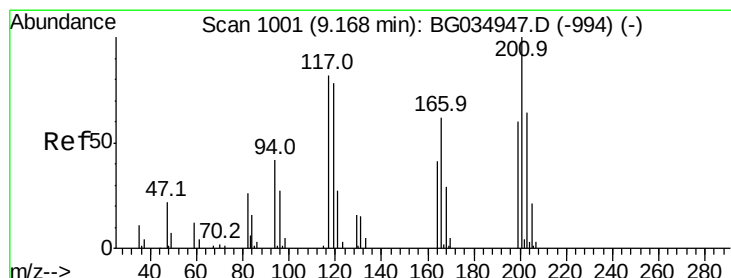
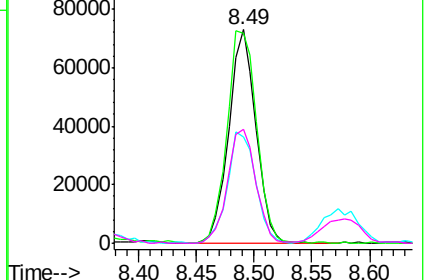
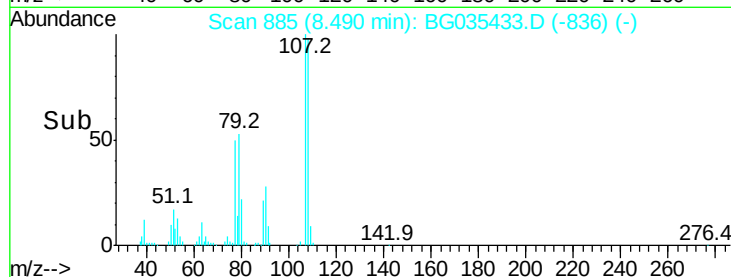


Abundance Ion 107.00 (106.70 to 107.70): E

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: 36.802 ng

RT: 9.13 min Scan# 994

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

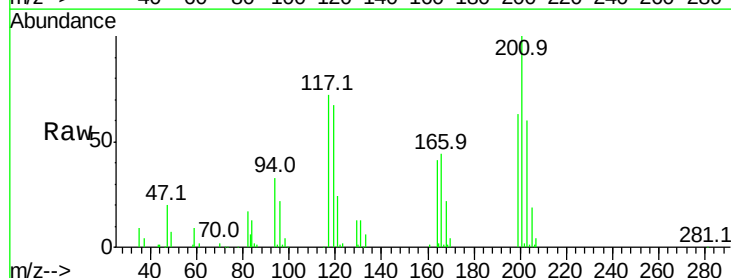
Tgt Ion:117 Resp: 47605

Ion Ratio Lower Upper

117 100

119 92.0 76.7 115.1

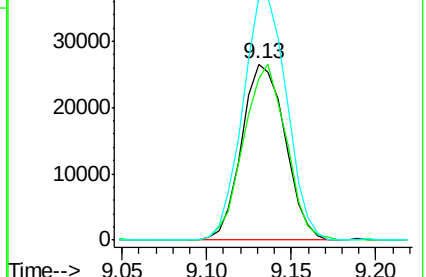
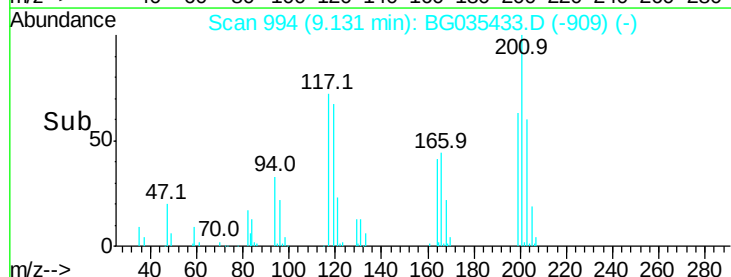
201 138.1 95.7 143.5

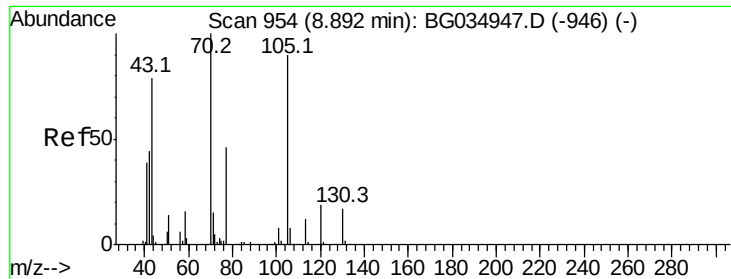


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

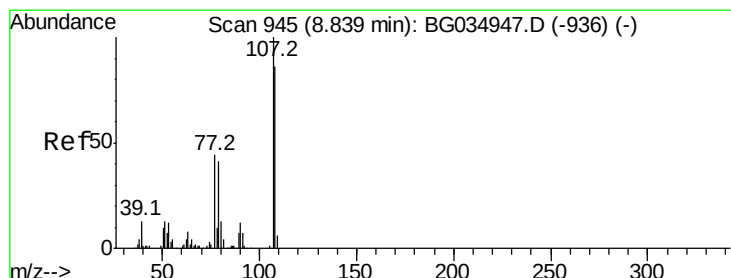
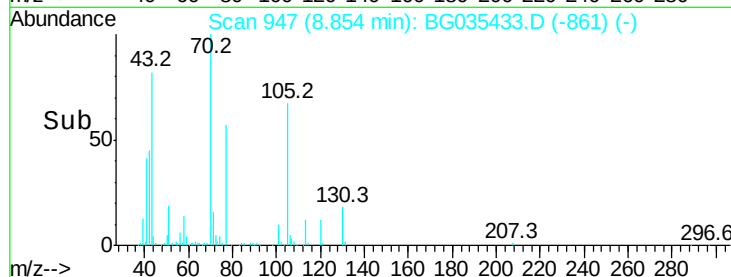
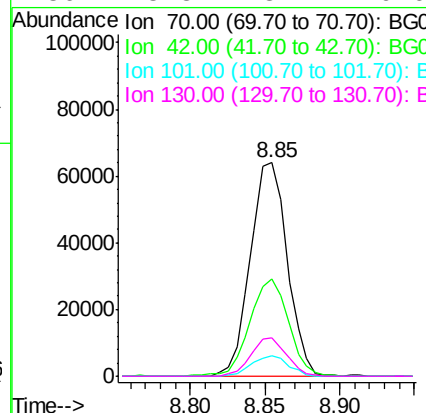
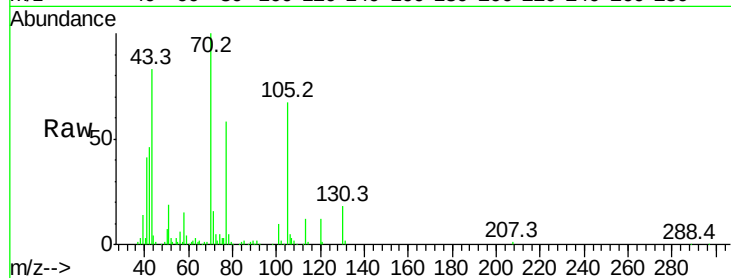




#19
n-Nitroso-di-n-propylamine
Concen: 31.169 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

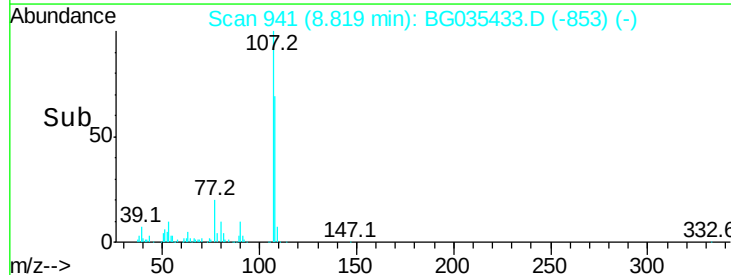
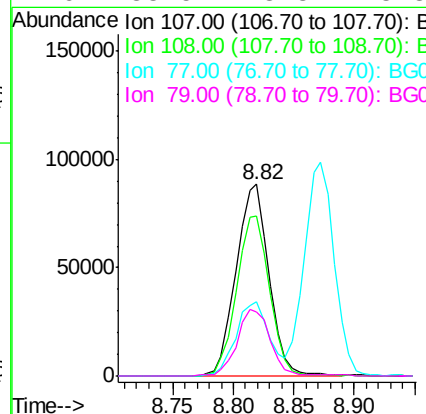
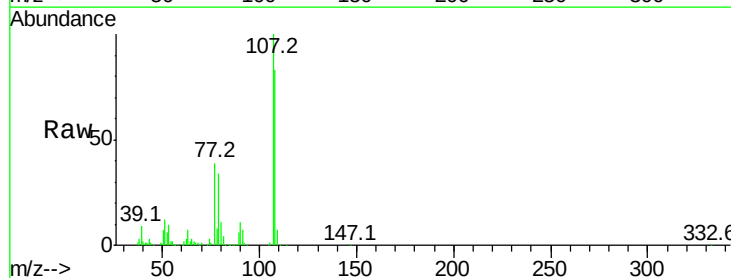
Instrument :
BNA_G
ClientSampled :

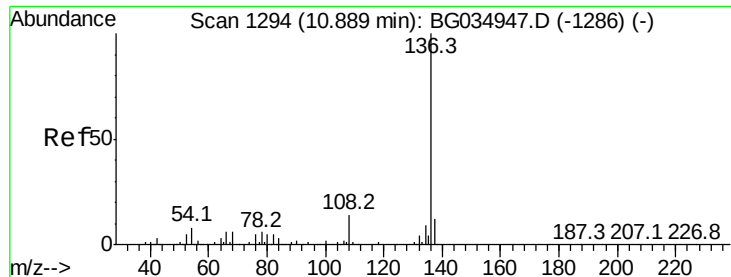
Tot Ion: 70 Resp: 109380
Ion Ratio Lower Upper
70 100
42 45.8 49.1 73.7#
101 9.6 8.5 12.7
130 18.3 13.4 20.0



#20
3+4-Methylphenols
Concen: 41.522 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.01 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion: 107 Resp: 167732
Ion Ratio Lower Upper
107 100
108 83.4 61.6 101.6
77 38.7 13.9 53.9
79 33.5 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1288

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 181836

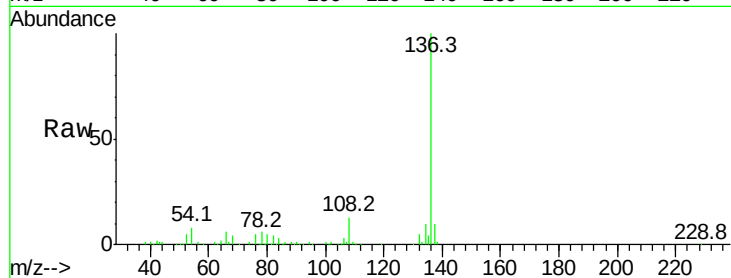
Ion Ratio Lower Upper

136 100

137 10.0 9.2 13.8

54 7.6 10.3 15.5#

68 4.1 4.5 6.7#



Abundance

Ion 136.00 (135.70 to 136.70): E

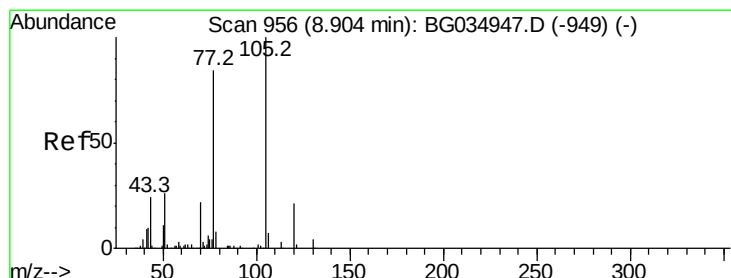
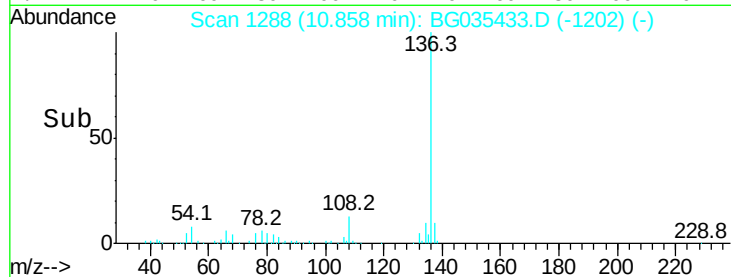
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

10.86

Time-->



#22

Acetophenone

Concen: 37.142 ng

RT: 8.87 min Scan# 950

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Tgt Ion:105 Resp: 209213

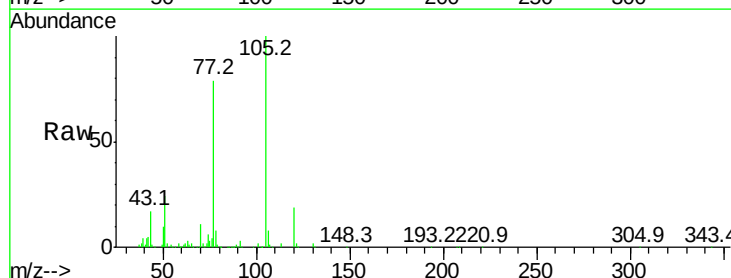
Ion Ratio Lower Upper

105 100

71 1.6 3.0 4.4#

51 23.5 26.1 39.1#

120 18.7 17.4 26.2



Abundance

Ion 105.00 (104.70 to 105.70): E

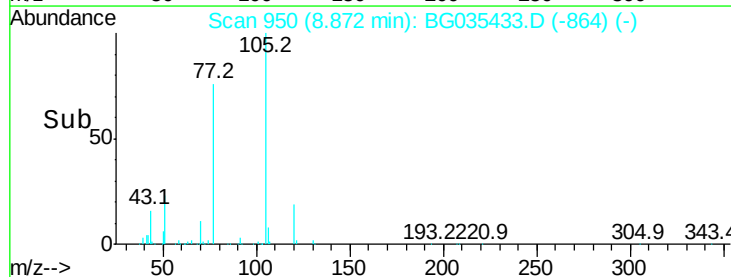
Ion 71.00 (70.70 to 71.70): BGC

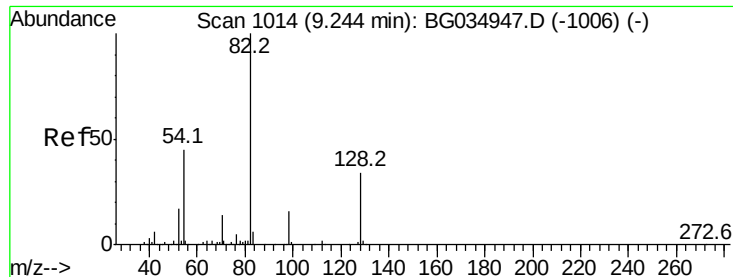
Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

8.87

Time-->

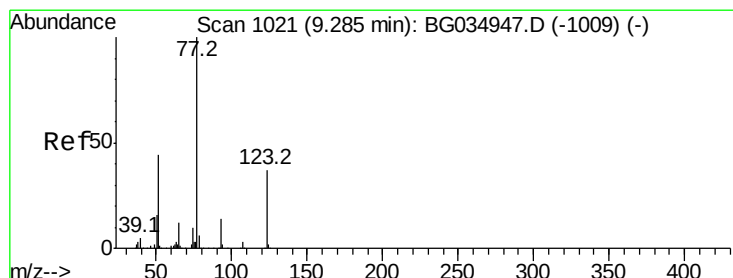
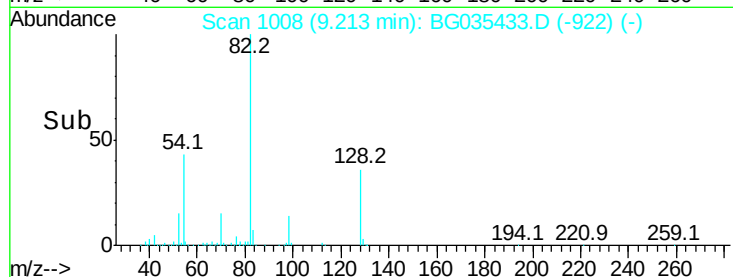
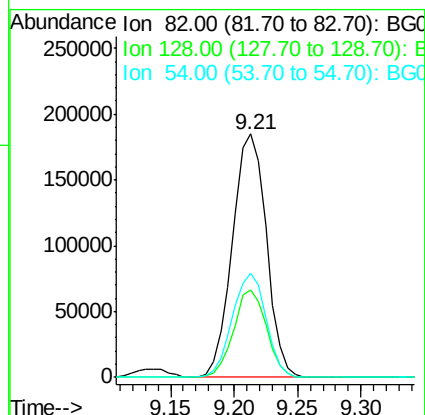
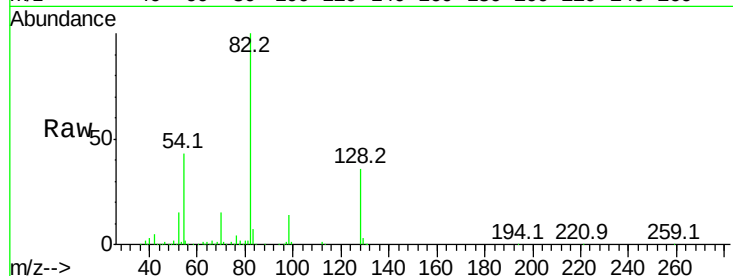




#23
 Nitrobenzene-d5
 Concen: 89.760 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

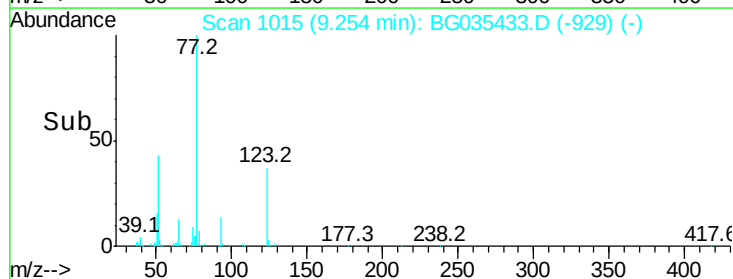
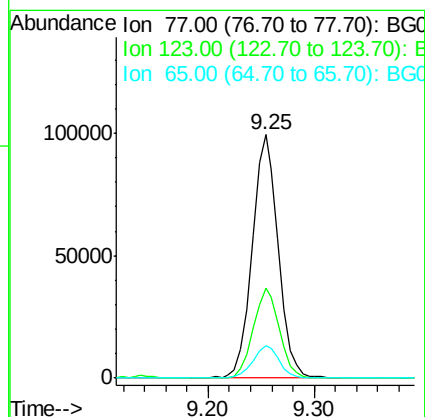
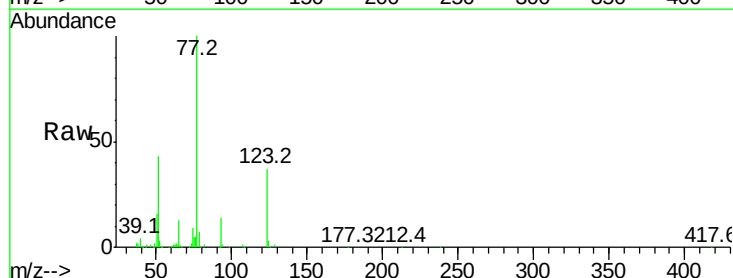
Instrument :
 BNA_G
 ClientSampleId :

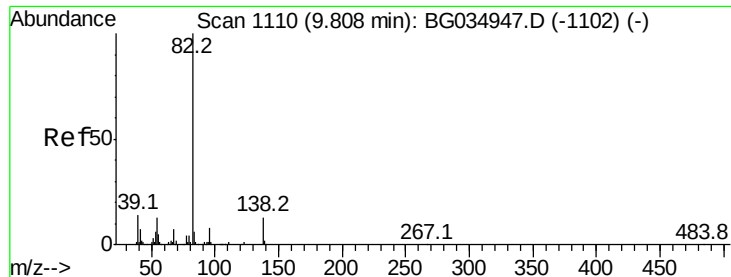
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.7	44.5
54	42.5	43.1	64.7#



#24
 Nitrobenzene
 Concen: 43.447 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.03 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.1	33.0	49.6
65	13.3	13.0	19.6

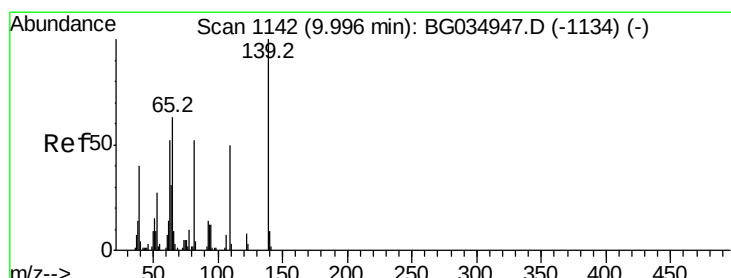
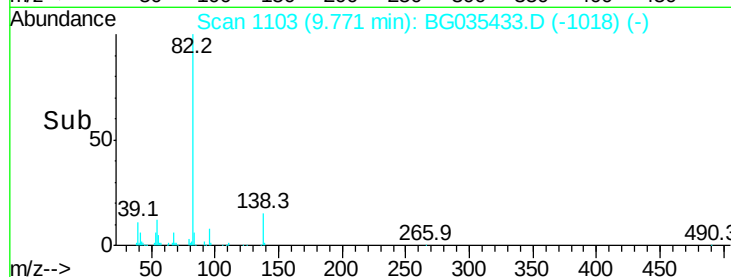
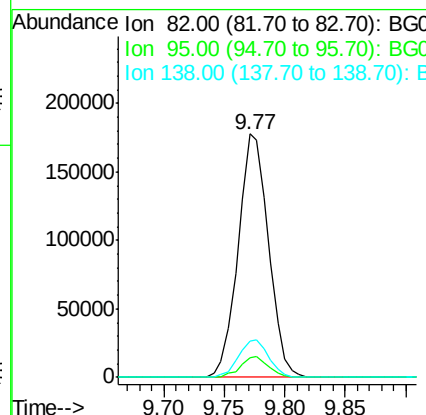
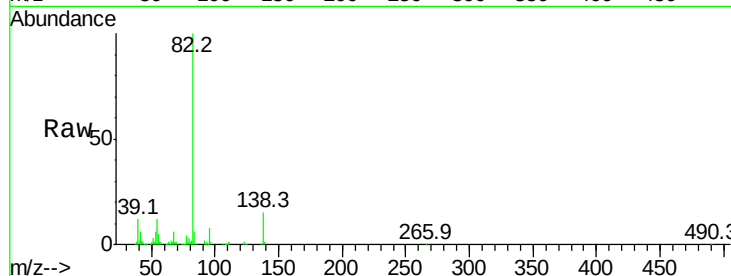




#25
Isophorone
Concen: 38.641 ng
RT: 9.77 min Scan# 1103
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

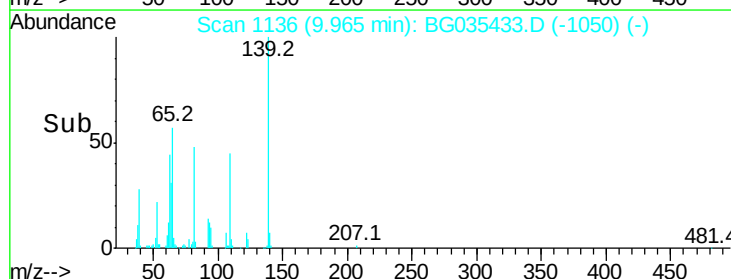
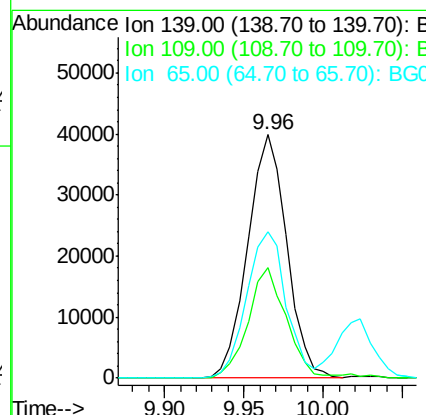
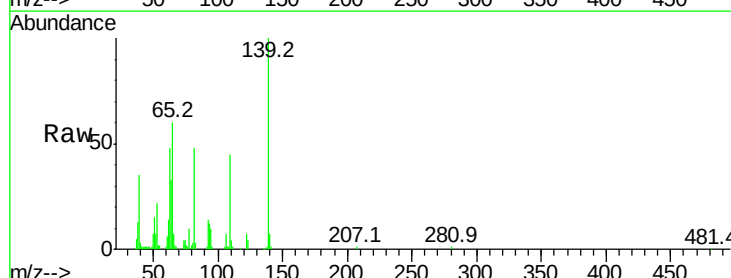
Instrument :
BNA_G
ClientSampleId :

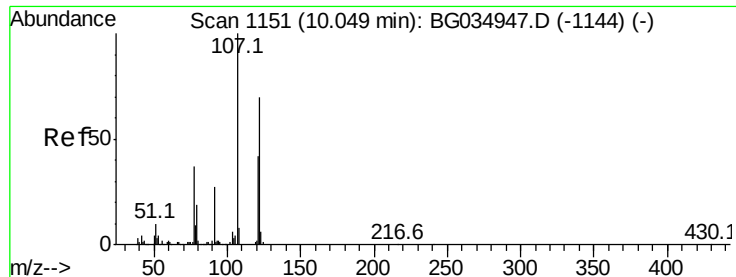
Tot Ion: 82 Resp: 312087
Ion Ratio Lower Upper
82 100
95 8.0 6.2 9.2
138 14.7 12.1 18.1



#26
2-Nitrophenol
Concen: 50.565 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion: 139 Resp: 68275
Ion Ratio Lower Upper
139 100
109 45.4 24.2 36.2#
65 60.0 47.4 71.0

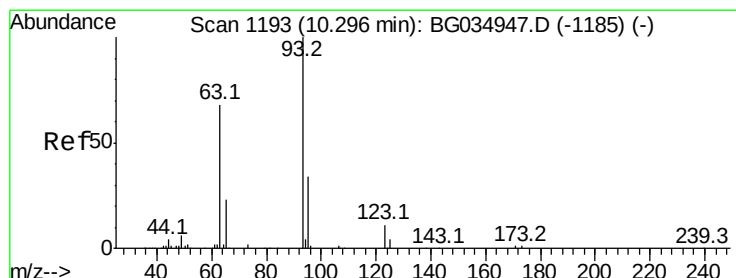
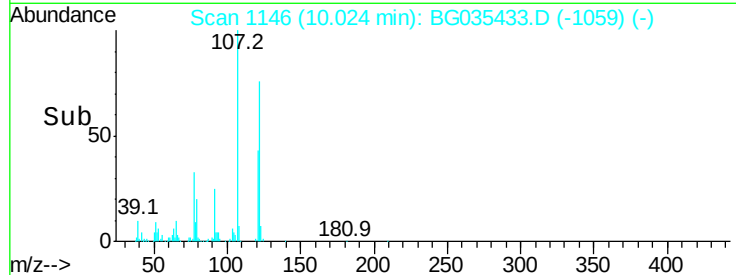
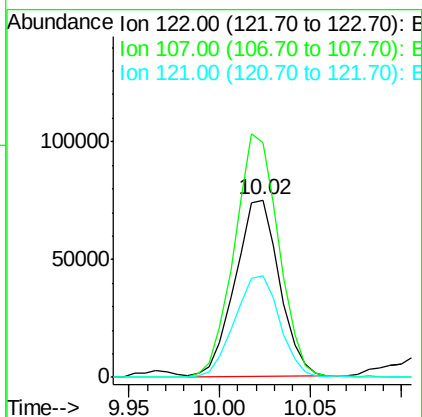
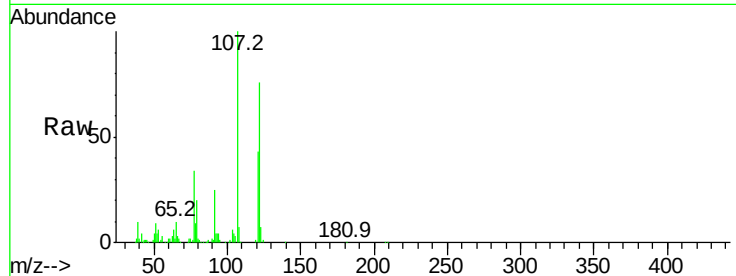




#27
2,4-Dimethylphenol
Concen: 44.866 ng
RT: 10.02 min Scan# 1146
Delta R.T. -0.02 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

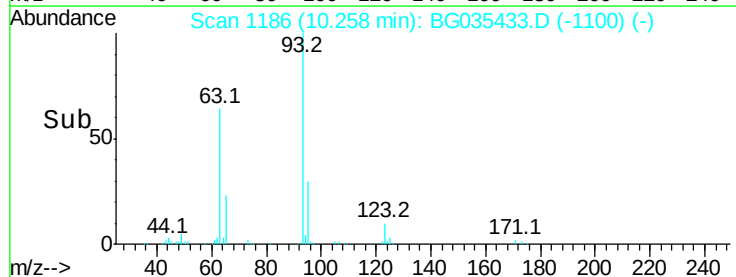
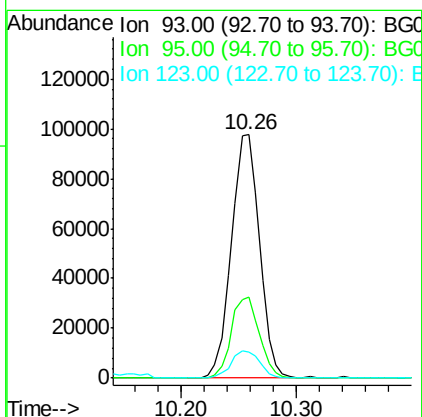
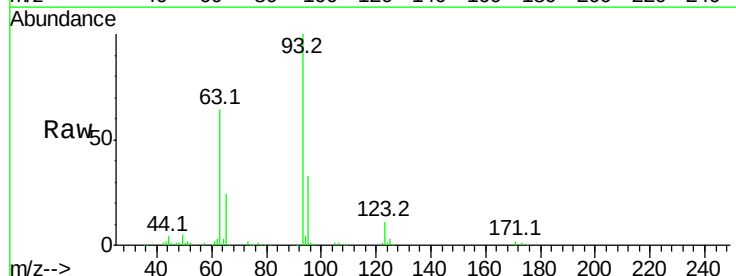
Instrument :
BNA_G
ClientSampleId :

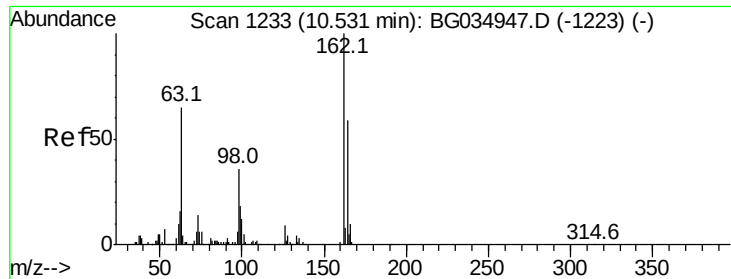
Tot Ion	Ratio	Lower	Upper
122	100		
107	132.2	100.2	150.2
121	56.9	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.961 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	24.3	36.5
123	10.6	8.4	12.6

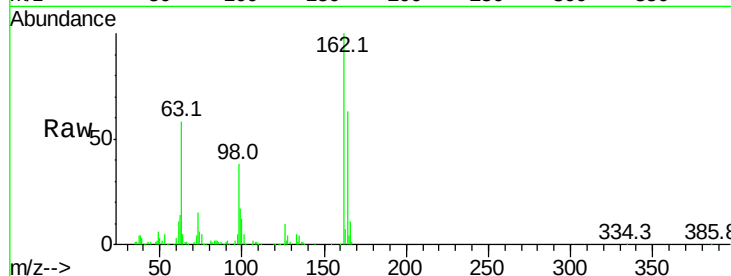




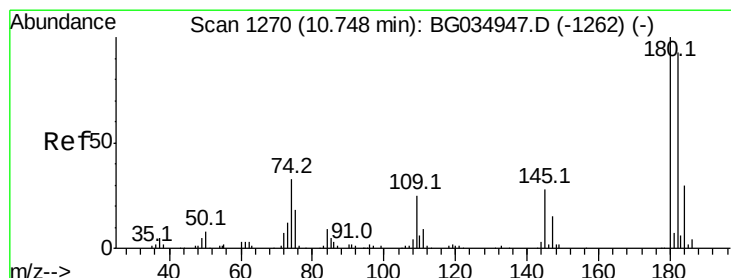
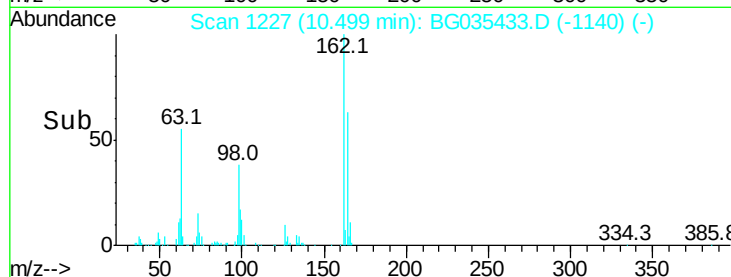
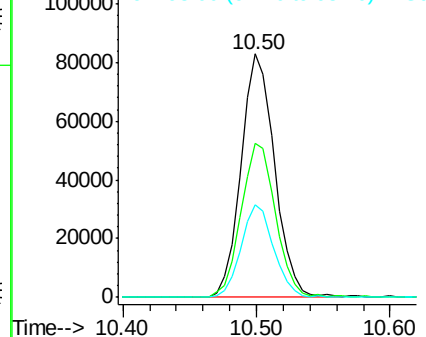
#29
2,4-Dichlorophenol
Concen: 46.581 ng
RT: 10.50 min Scan# 1227
Delta R.T. -0.02 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.5	48.0	88.0
98	37.8	21.1	61.1

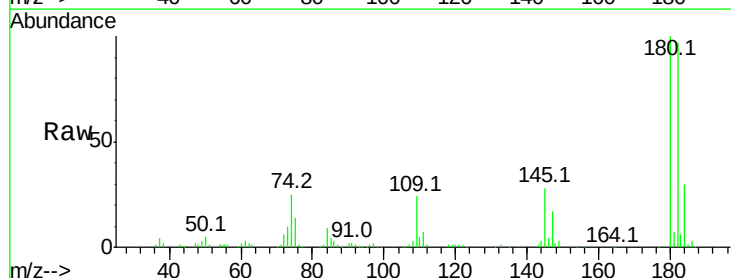


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

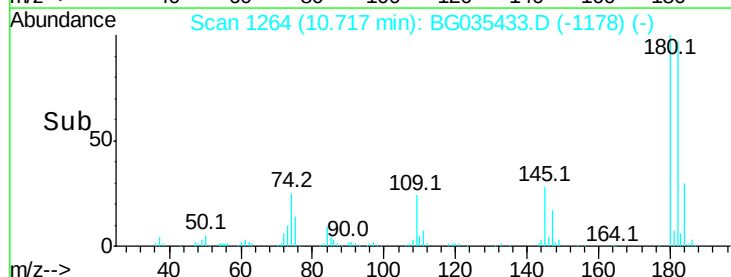
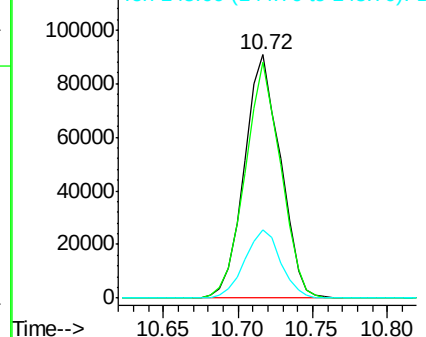


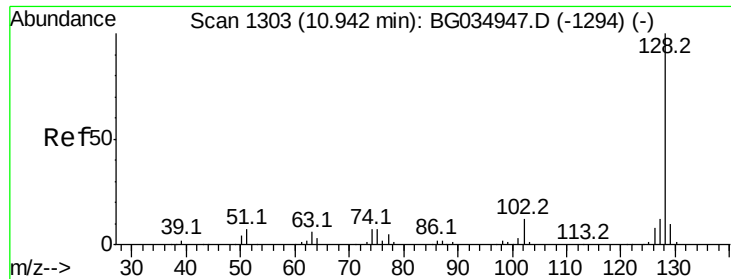
#30
1,2,4-Trichlorobenzene
Concen: 40.951 ng
RT: 10.72 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
145	27.8	23.4	35.2



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

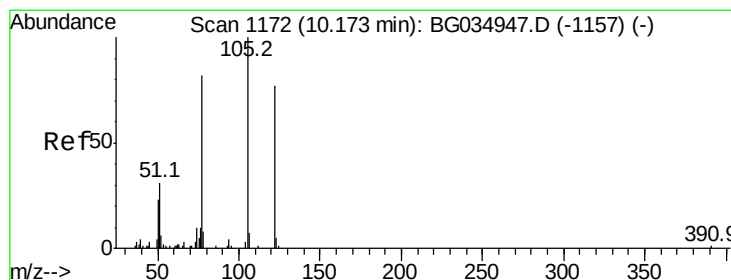
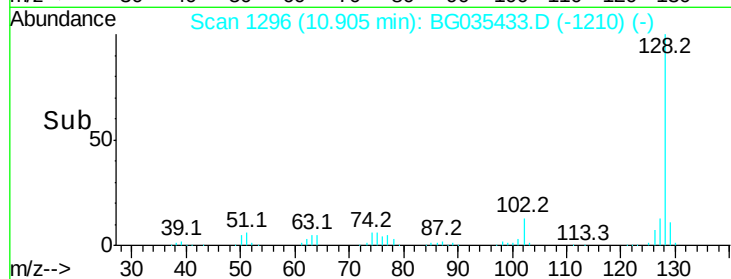
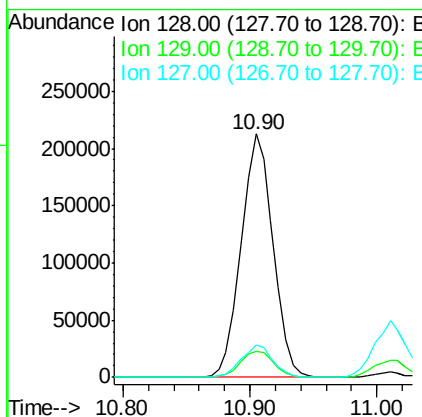
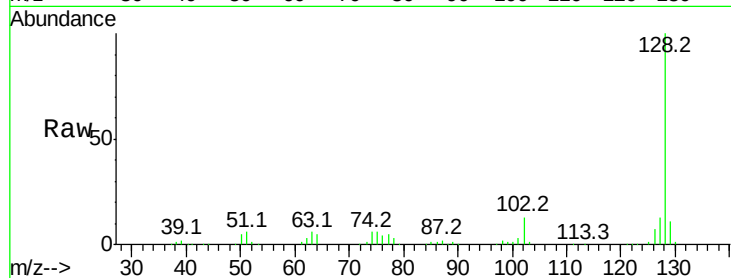




#31
Naphthalene
Concen: 39.050 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

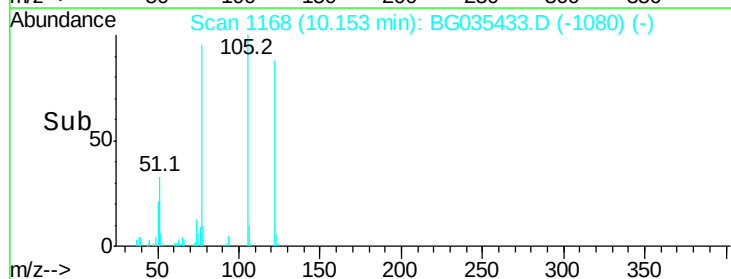
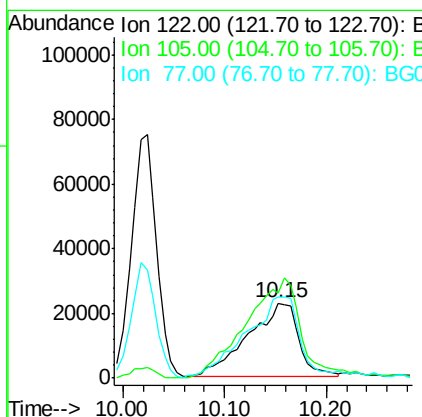
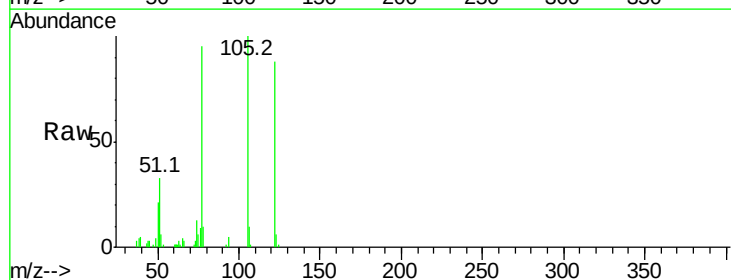
Instrument :
BNA_G
ClientSampleId :

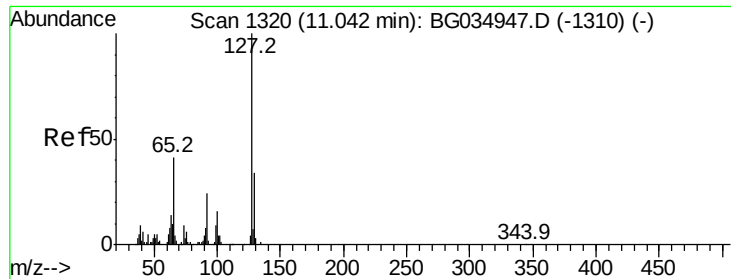
Tot Ion:128 Resp: 368873
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.5 11.6 17.4



#32
Benzoic acid
Concen: 41.718 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion:122 Resp: 79305
Ion Ratio Lower Upper
122 100
105 113.9 123.5 163.5#
77 108.1 85.7 125.7

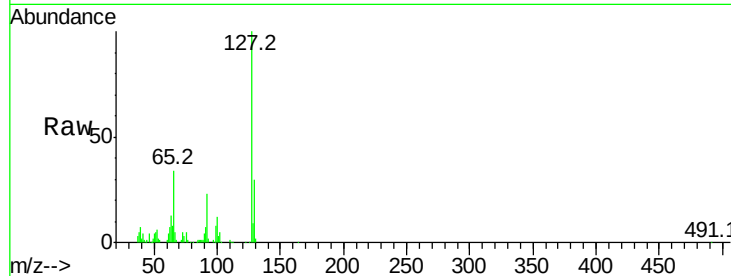




#33
4-Chloroaniline
Concen: 21.346 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.02 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.1	24.0	36.0
65	33.9	27.0	40.4
92	23.1	16.6	25.0



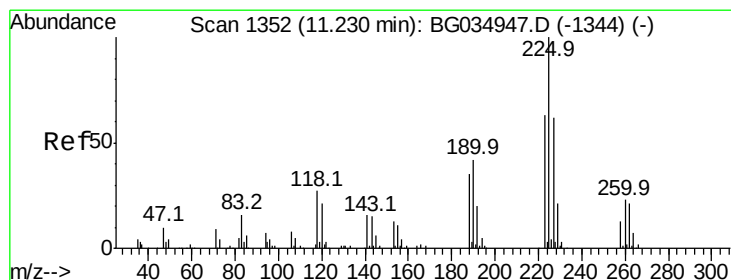
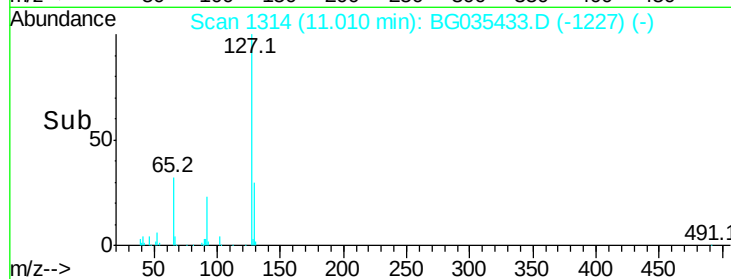
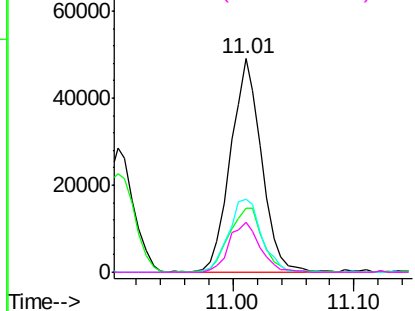
Abundance

Ion 129.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

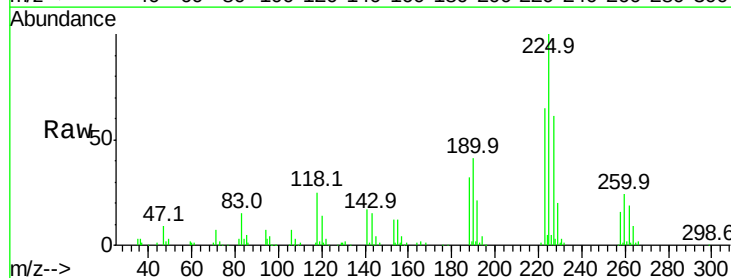
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 39.673 ng
RT: 11.19 min Scan# 1344
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	49.7	74.5
227	61.5	48.1	72.1

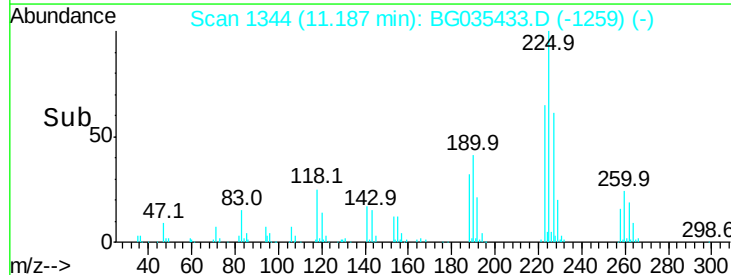
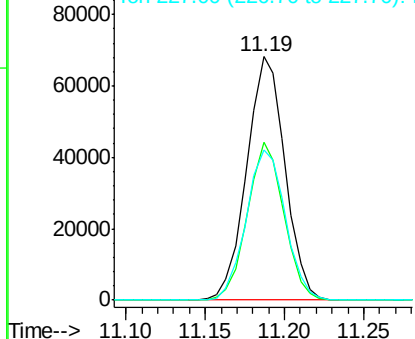


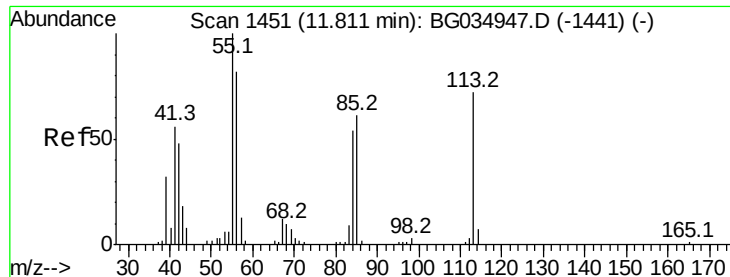
Abundance

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: 33.064 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampled :

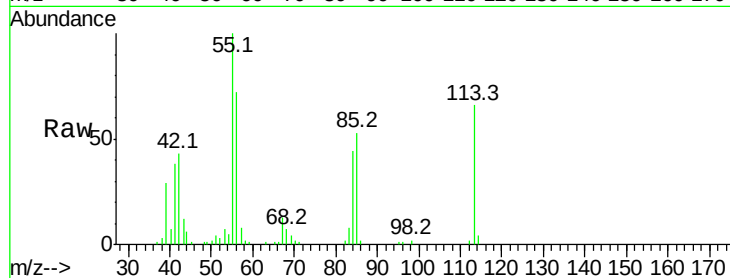
Tot Ion:113 Resp: 37735

Ion Ratio Lower Upper

113 100

55 151.2 186.9 226.9#

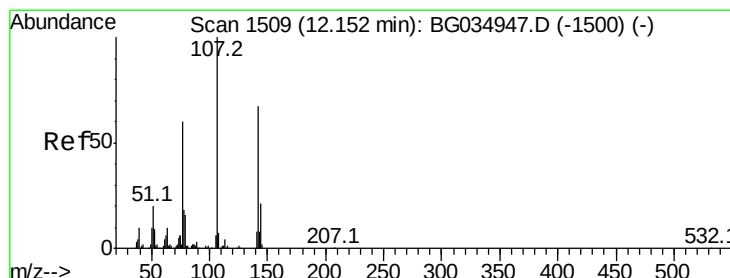
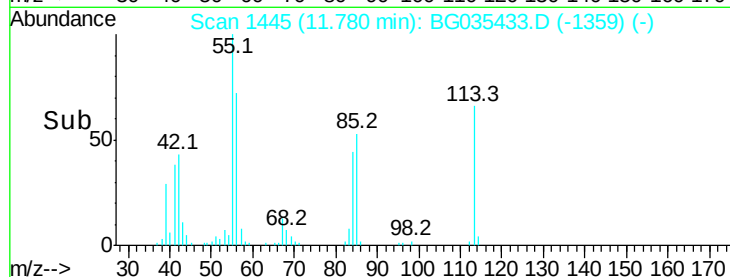
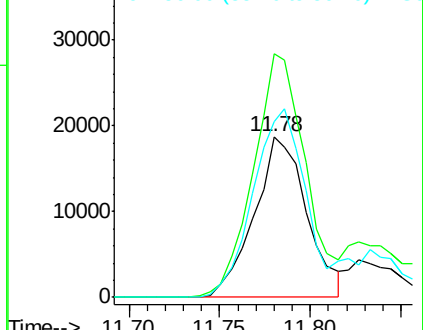
56 109.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 44.586 ng

RT: 12.13 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

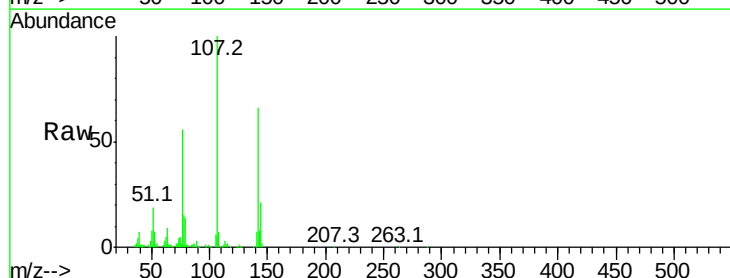
Tgt Ion:107 Resp: 171635

Ion Ratio Lower Upper

107 100

144 20.8 18.2 27.4

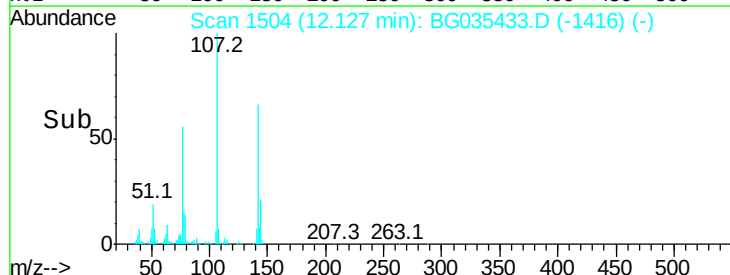
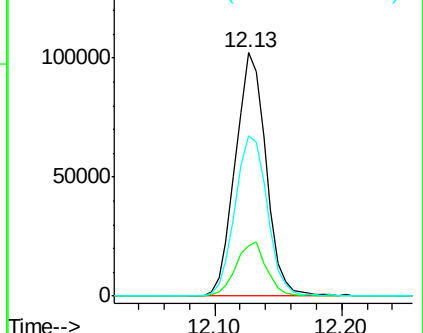
142 66.1 59.0 88.4

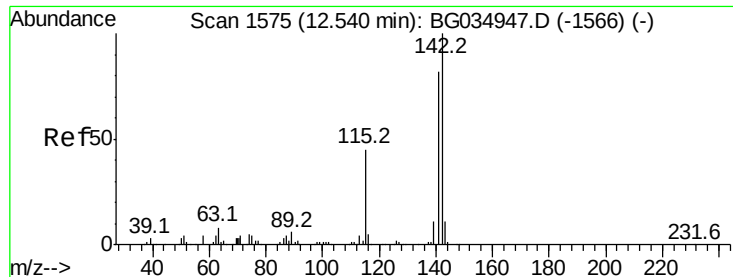


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

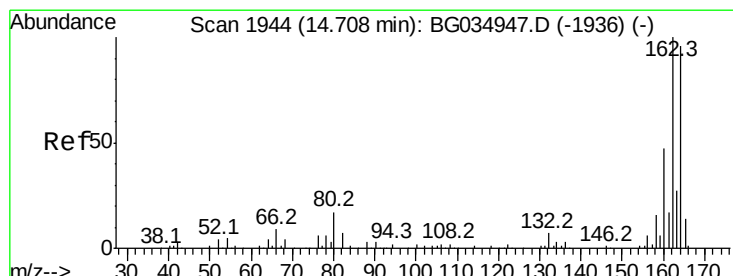
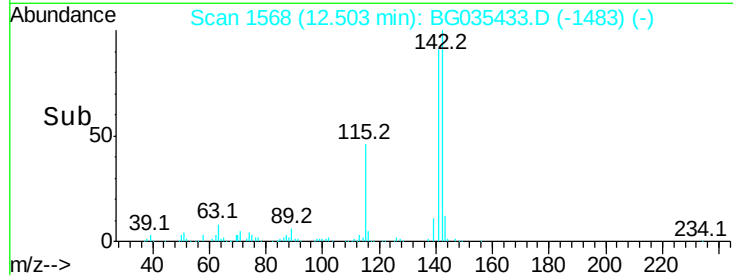
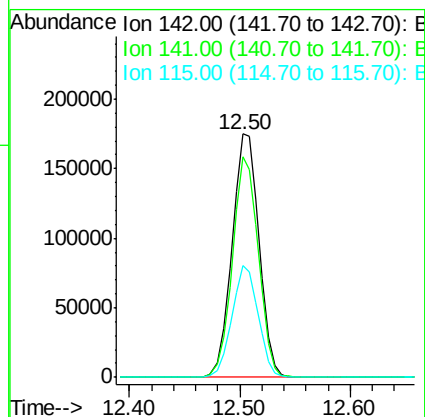
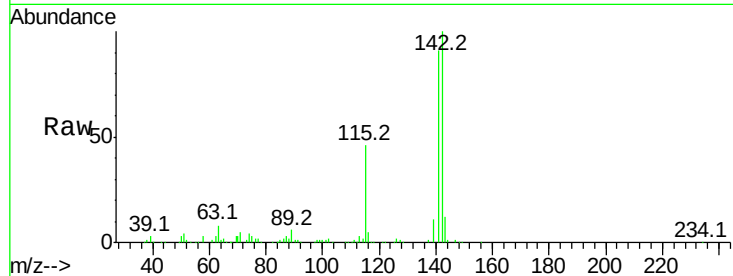




#37
2-Methylnaphthalene
Concen: 41.811 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

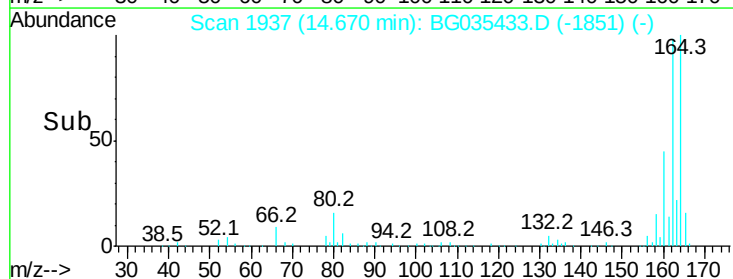
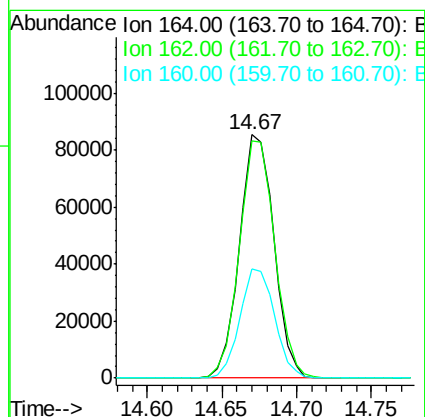
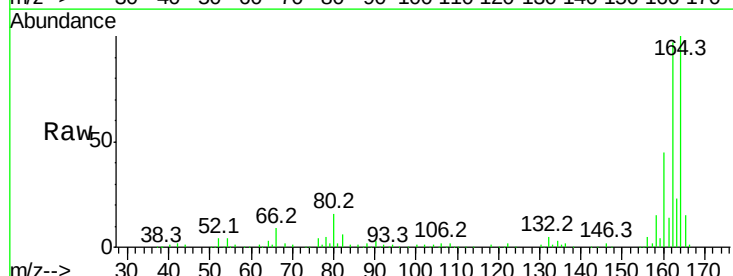
Instrument :
BNA_G
ClientSampleId :

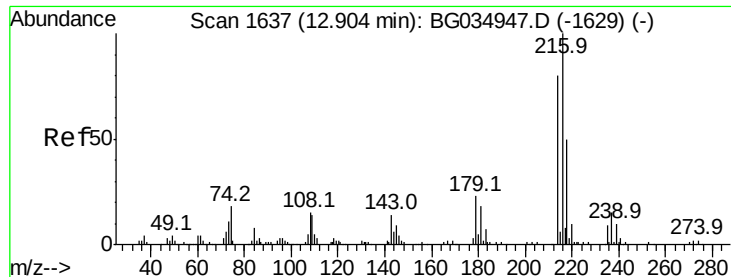
Tot Ion:142 Resp: 299440
Ion Ratio Lower Upper
142 100
141 90.7 67.1 100.7
115 45.8 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion:164 Resp: 136873
Ion Ratio Lower Upper
164 100
162 97.4 78.8 118.2
160 44.7 35.4 53.0

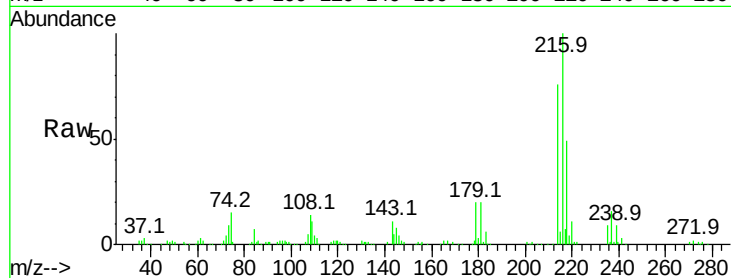




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.118 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.02 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	204529
Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	20.3	17.0	25.6
108	17.0	12.8	19.2

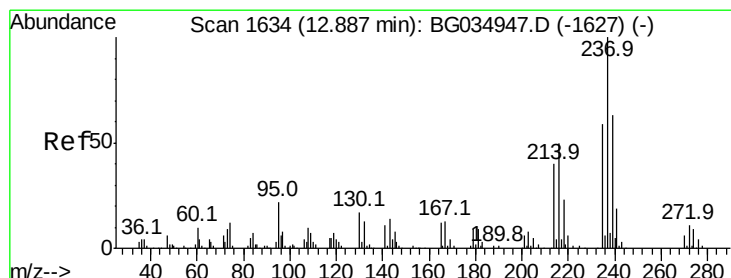
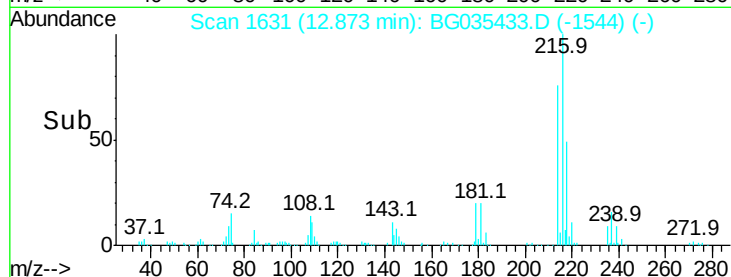
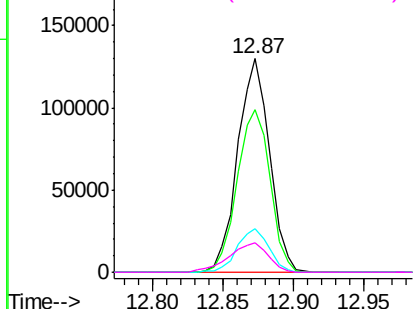


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

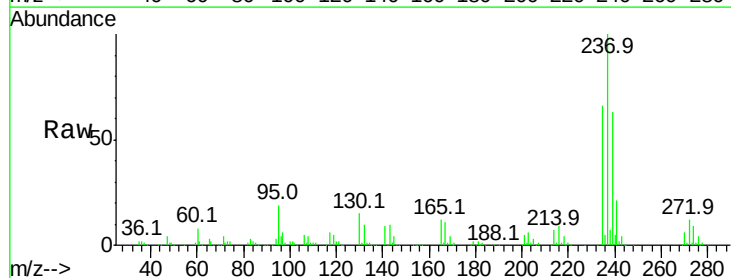
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 86.804 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.03 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

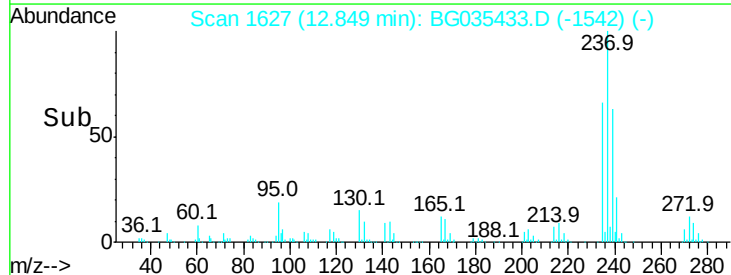
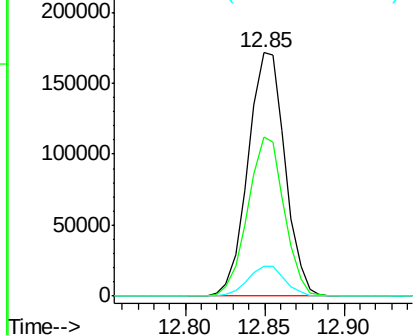
Tgt Ion:	237	Resp:	277518
Ion	Ratio	Lower	Upper
237	100		
235	65.5	50.4	90.4
272	12.1	0.0	31.8

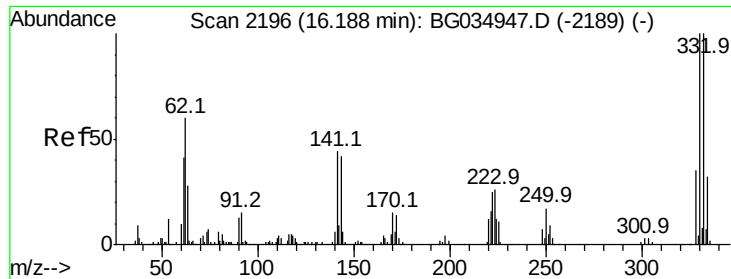


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 146.991 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

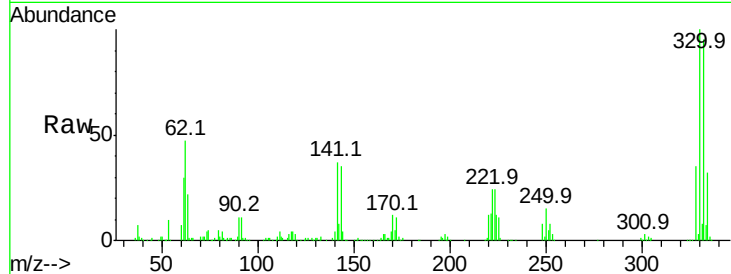
Tot Ion:330 Resp: 257550

Ion Ratio Lower Upper

330 100

332 95.1 77.0 115.6

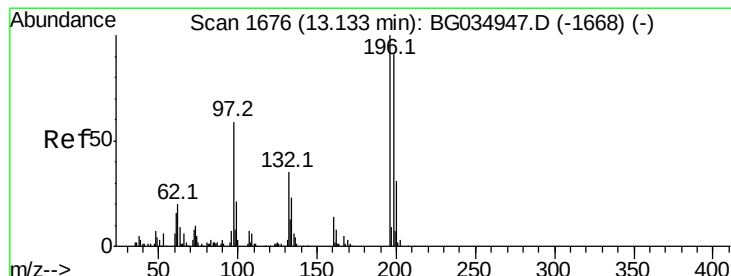
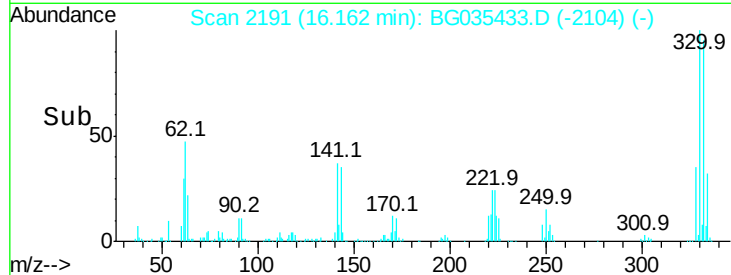
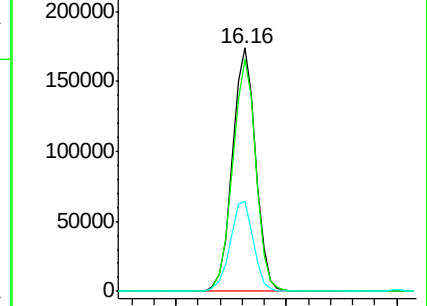
141 37.2 25.2 37.8



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: 44.473 ng

RT: 13.11 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

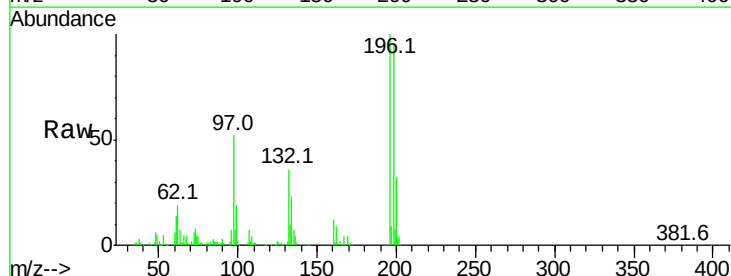
Tgt Ion:196 Resp: 135765

Ion Ratio Lower Upper

196 100

198 94.6 78.2 117.2

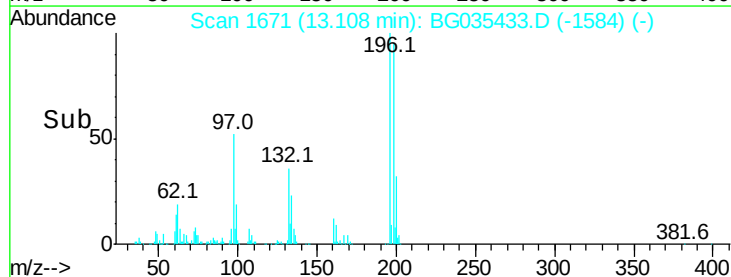
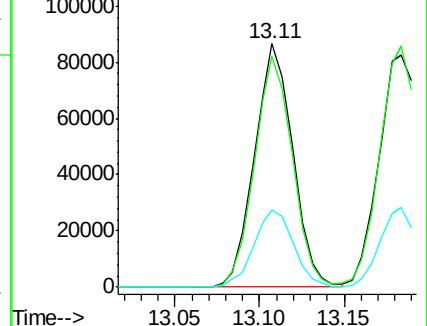
200 31.8 24.6 36.8

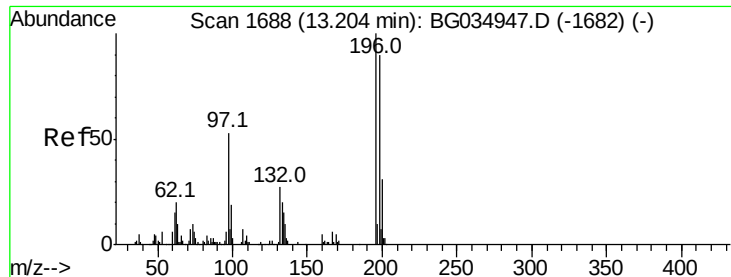


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

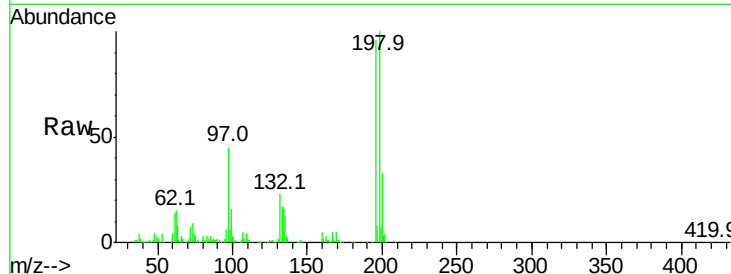




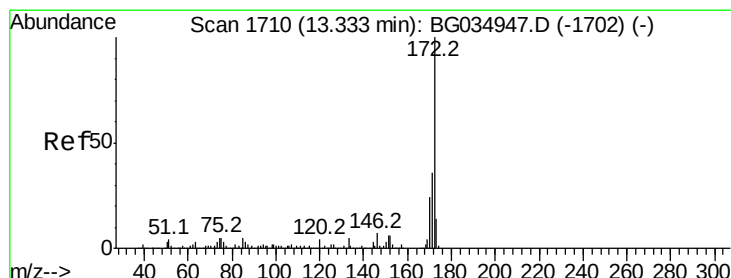
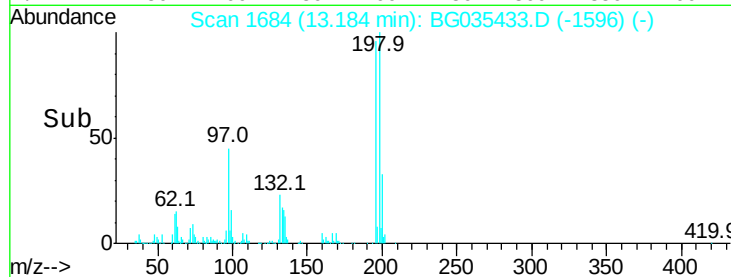
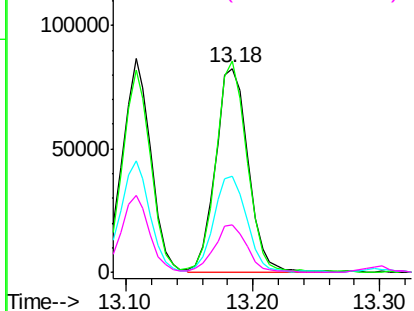
#43
2,4,5-Trichlorophenol
Concen: 43.836 ng
RT: 13.18 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	103.9	76.2	114.4
97	47.1	38.7	58.1
132	23.6	20.2	30.2

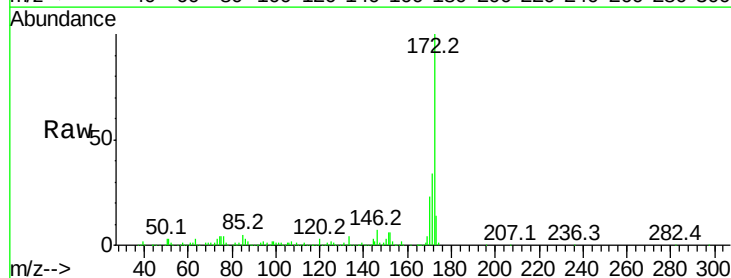


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

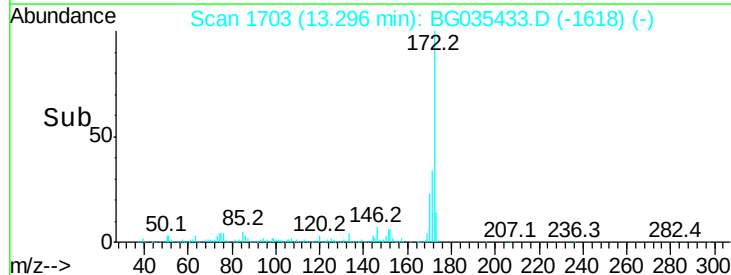
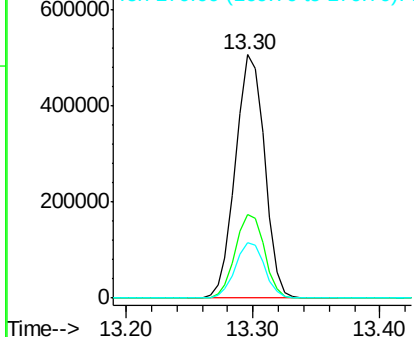


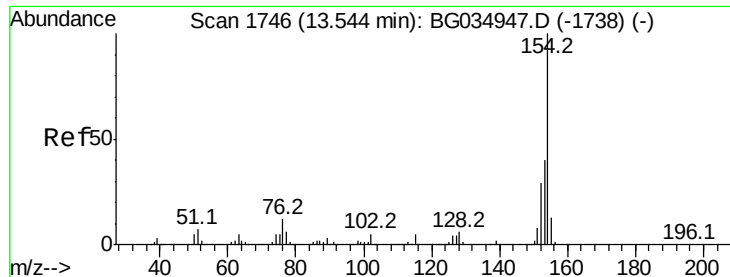
#44
2-Fluorobiphenyl
Concen: 76.385 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	30.0	45.0
170	22.5	19.5	29.3



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

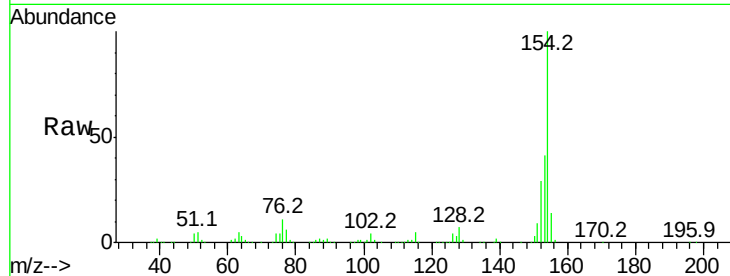




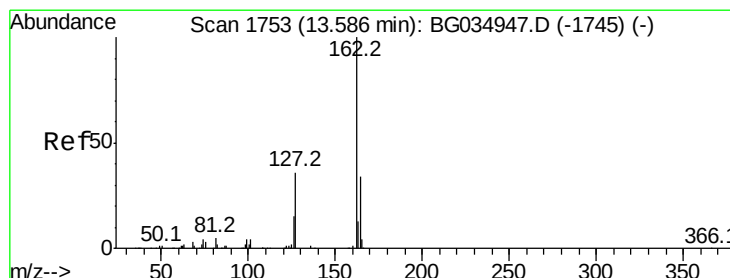
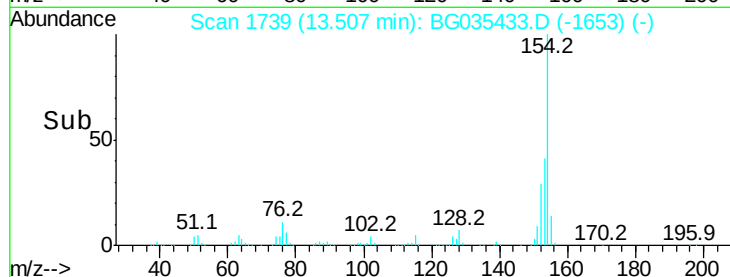
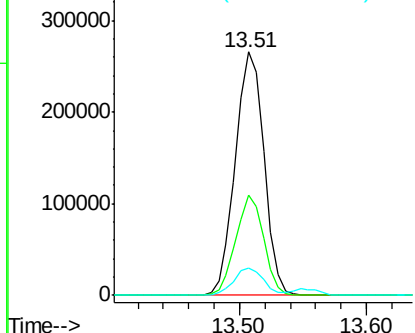
#45
 1,1'-Biphenyl
 Concen: 37.780 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.03 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	11.4	0.0	31.9

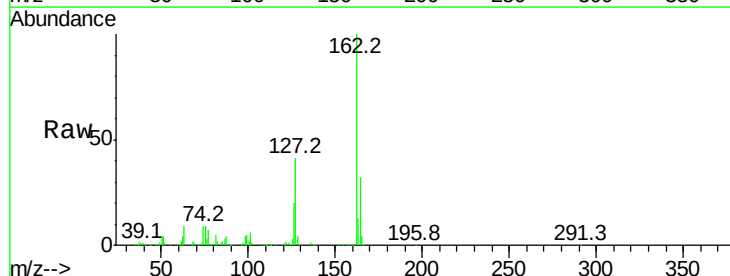


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

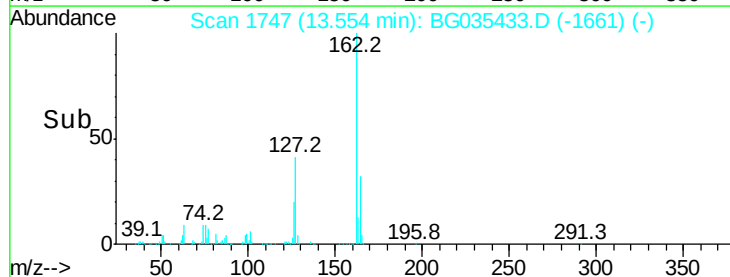
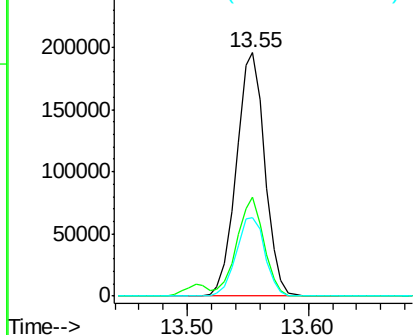


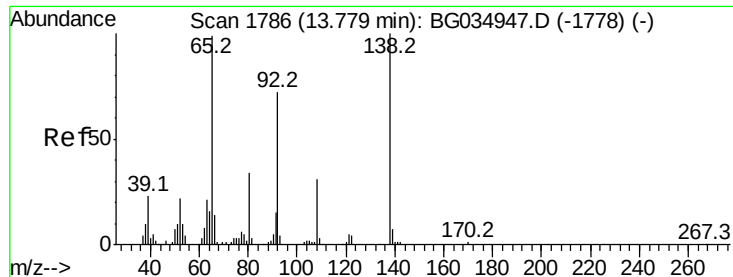
#46
 2-Chloronaphthalene
 Concen: 38.380 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.03 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	30.7	46.1
164	32.0	26.0	39.0



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: 45.110 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

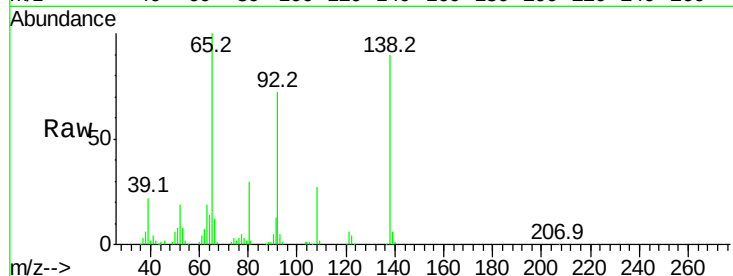
Tot Ion: 65 Resp: 110844

Ion Ratio Lower Upper

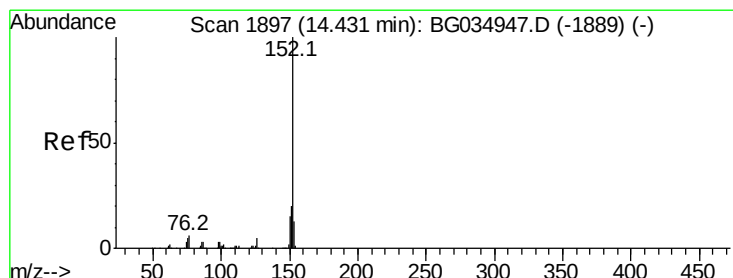
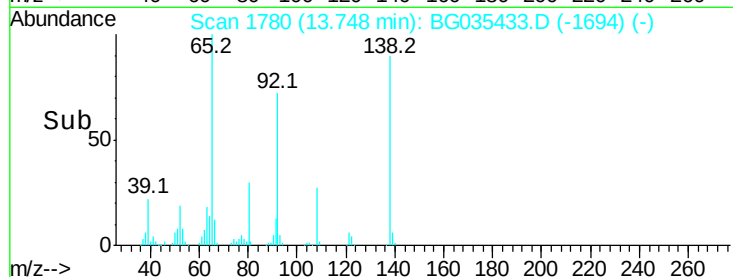
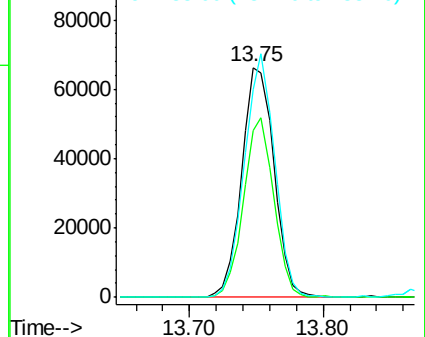
65 100

92 72.3 54.6 82.0

138 90.5 72.9 109.3



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



#48

Acenaphthylene

Concen: 38.722 ng

RT: 14.39 min Scan# 1890

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

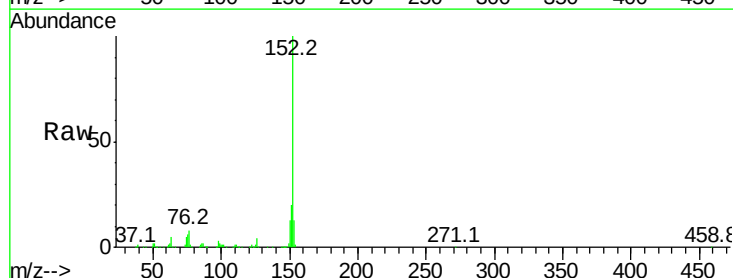
Tgt Ion: 152 Resp: 540290

Ion Ratio Lower Upper

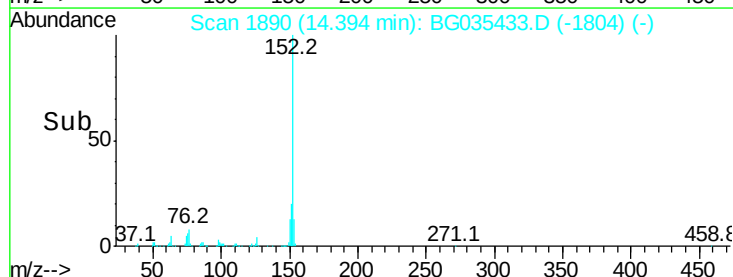
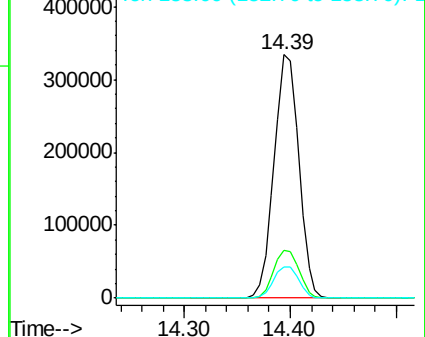
152 100

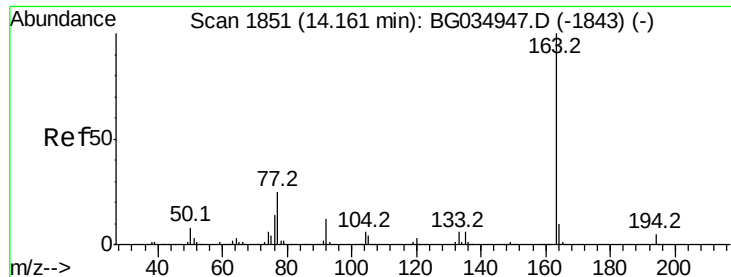
151 19.7 17.2 25.8

153 12.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 37.842 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

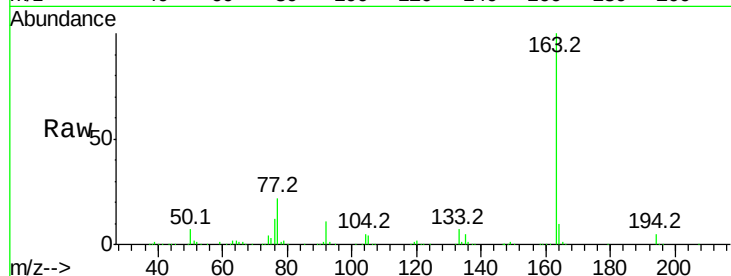
Tot Ion:163 Resp: 451669

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

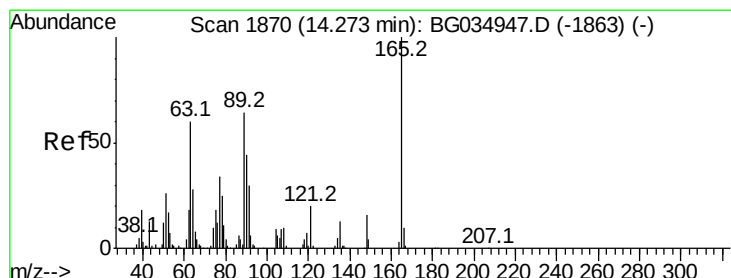
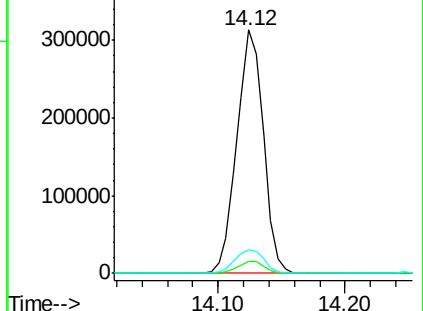
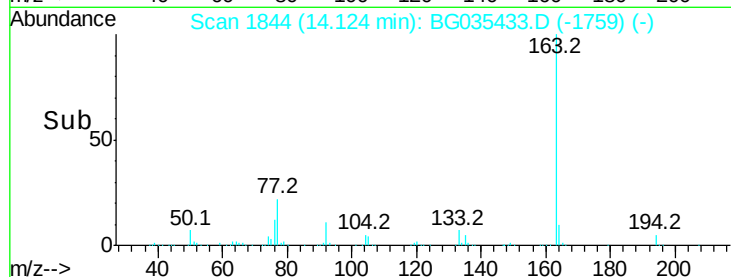
164 9.8 8.2 12.4



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: 47.270 ng

RT: 14.24 min Scan# 1864

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

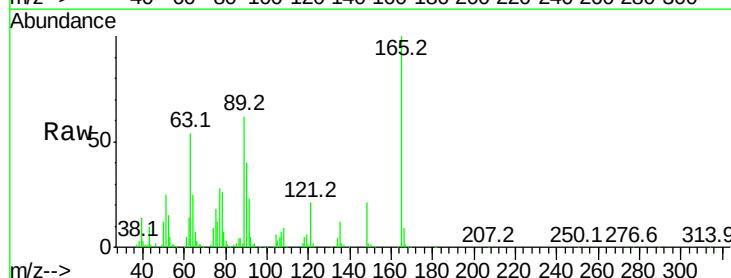
Tgt Ion:165 Resp: 102930

Ion Ratio Lower Upper

165 100

63 54.1 52.7 79.1

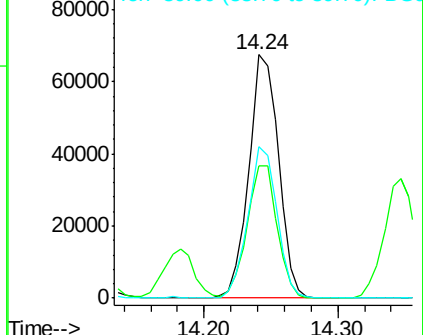
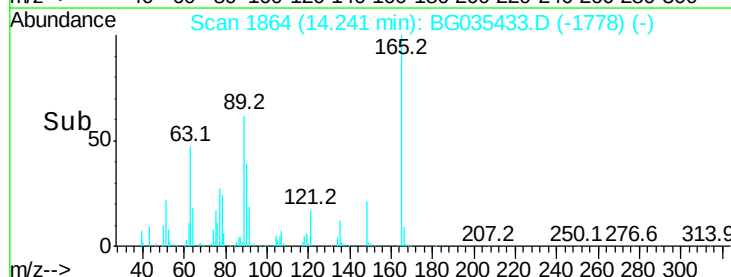
89 62.4 49.2 73.8

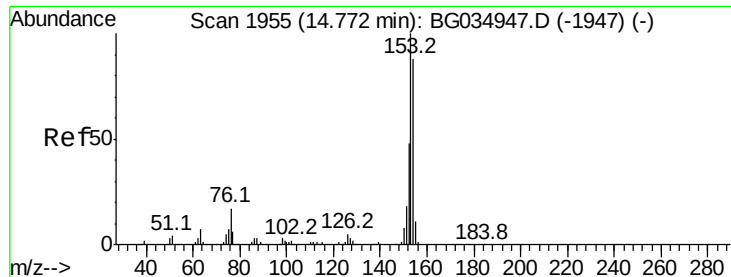


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 35.750 ng

RT: 14.73 min Scan# 1948

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

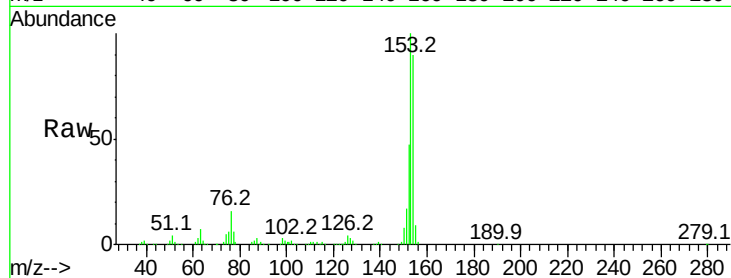
Tot Ion:154 Resp: 325912

Ion Ratio Lower Upper

154 100

153 111.1 90.4 135.6

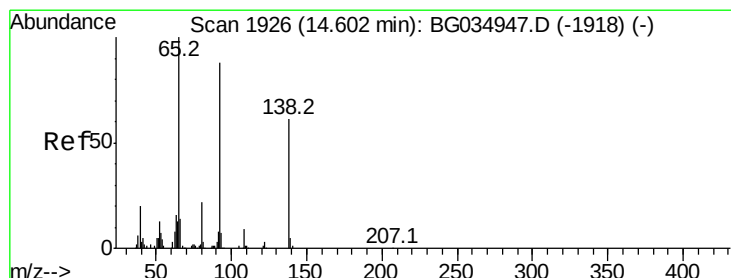
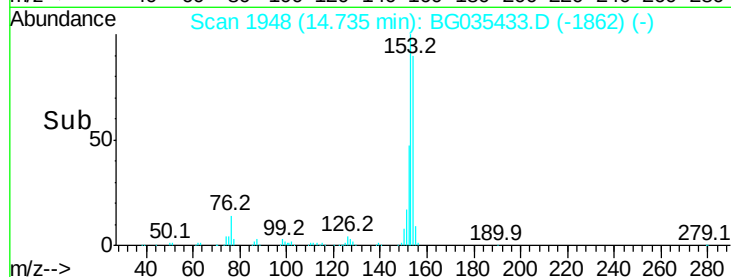
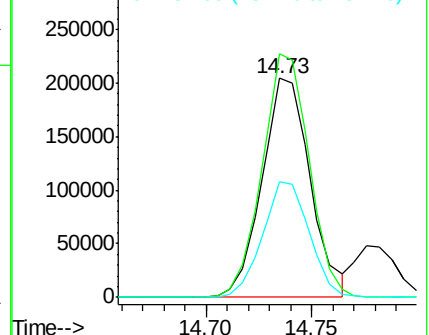
152 52.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 32.891 ng

RT: 14.58 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

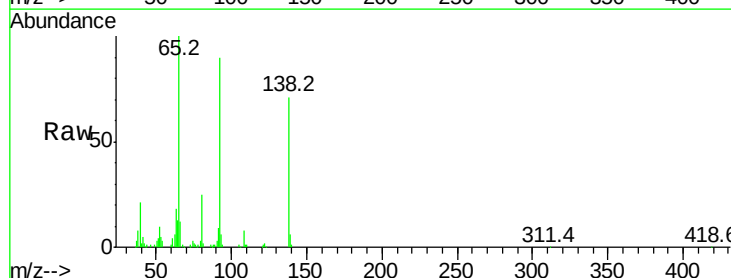
Tgt Ion:138 Resp: 70277

Ion Ratio Lower Upper

138 100

108 10.8 17.5 26.3#

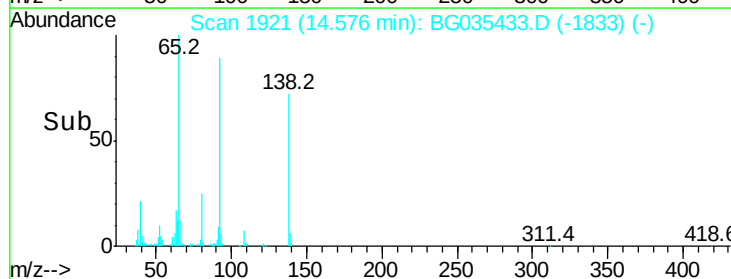
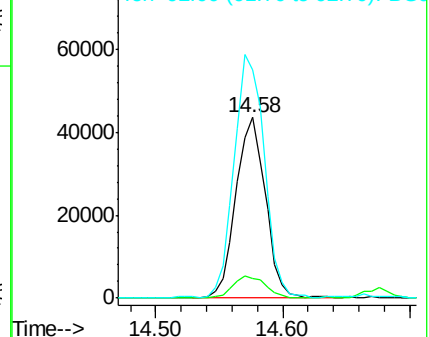
92 126.6 105.8 158.8

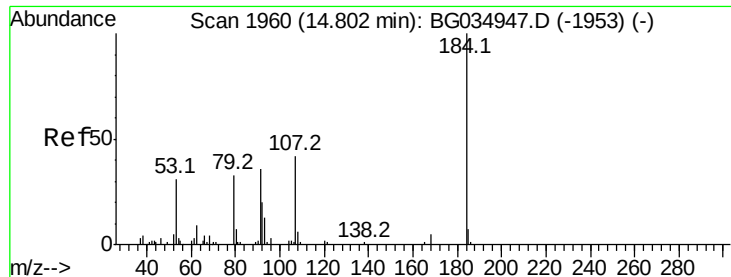


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

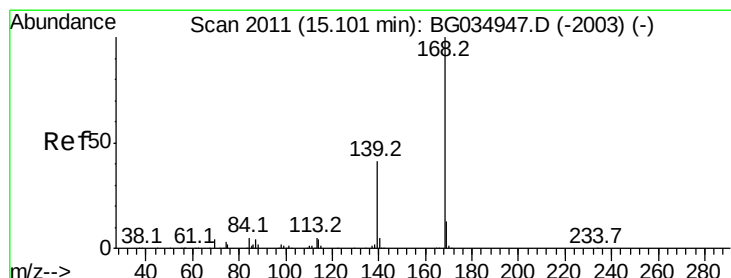
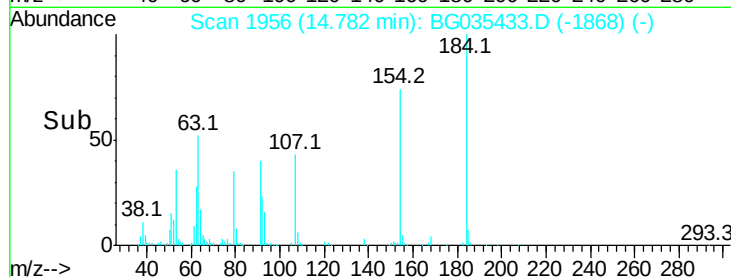
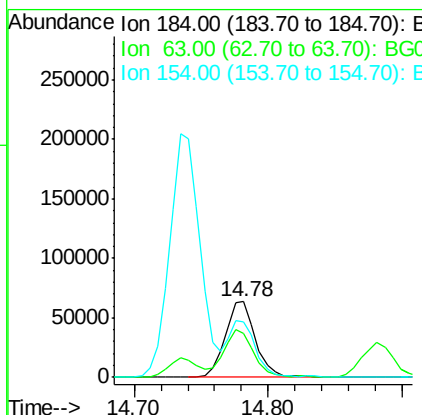
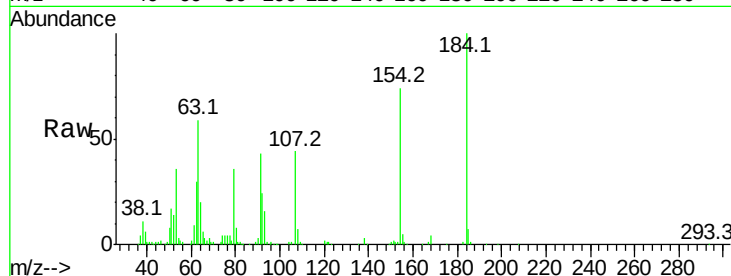




#53
2,4-Dinitrophenol
Concen: 115.029 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

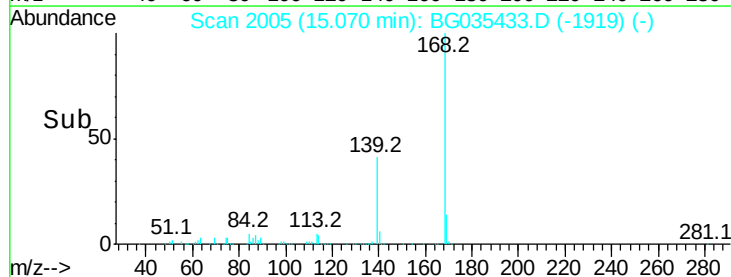
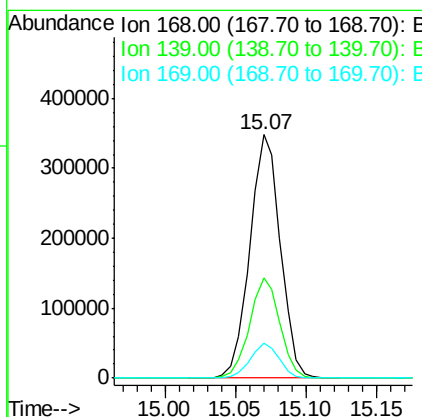
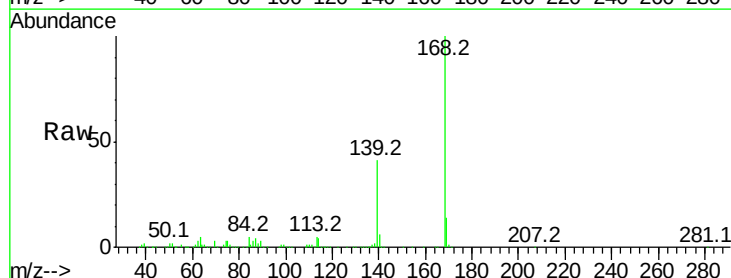
Instrument :
BNA_G
ClientSampleId :

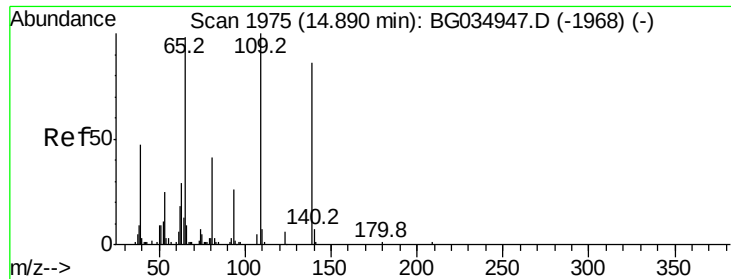
Tot Ion:184 Resp: 101368
Ion Ratio Lower Upper
184 100
63 58.6 59.8 89.8#
154 73.6 101.8 152.8#



#54
Dibenzofuran
Concen: 38.674 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion:168 Resp: 528041
Ion Ratio Lower Upper
168 100
139 41.3 28.6 43.0
169 14.2 11.2 16.8

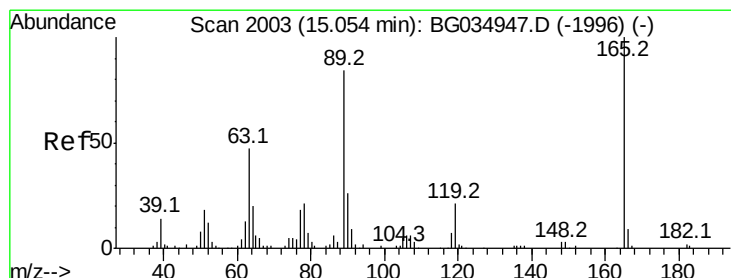
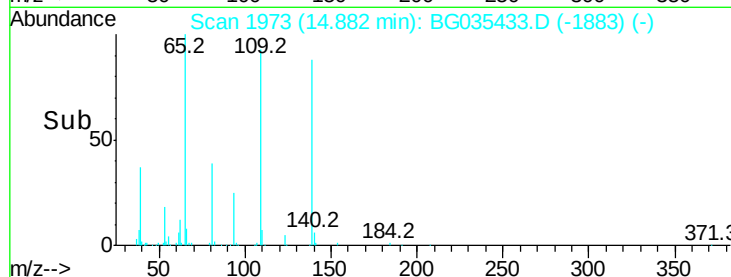
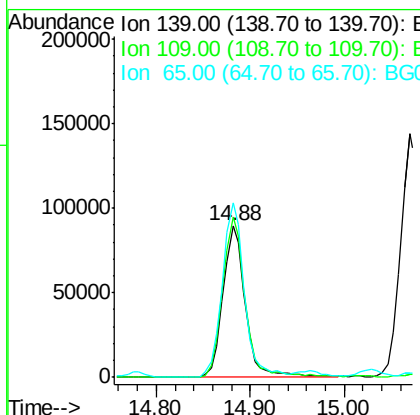
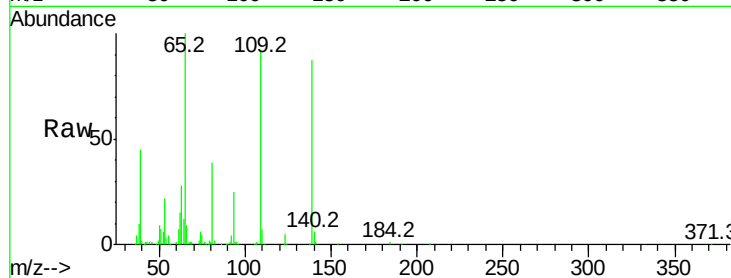




#55
4-Nitrophenol
Concen: 82.754 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

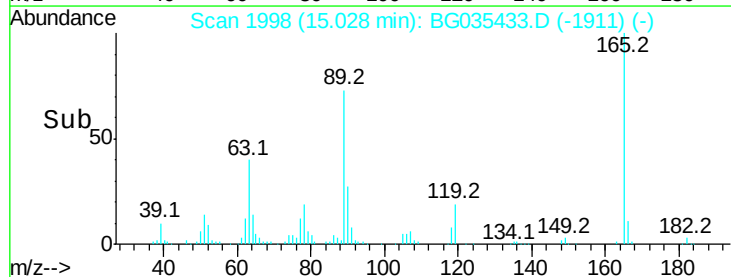
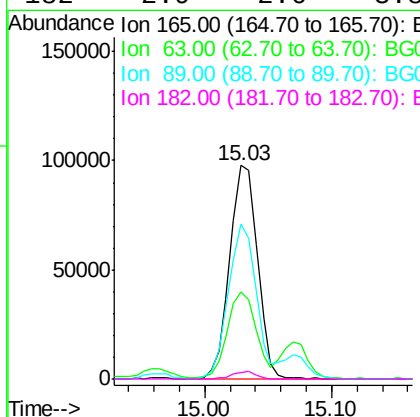
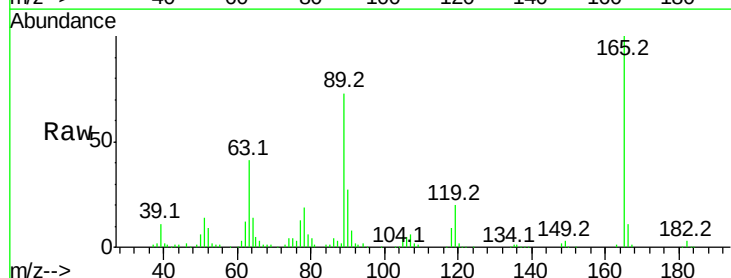
Instrument :
BNA_G
ClientSampleId :

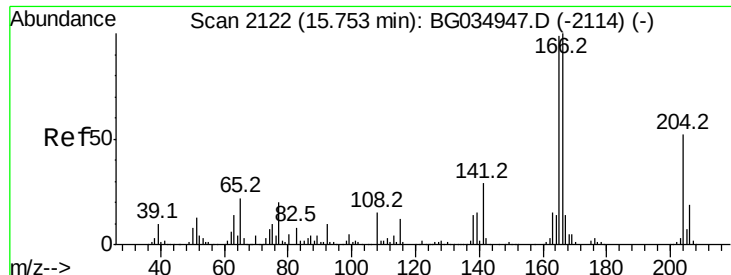
Tot Ion:139 Resp: 149229
Ion Ratio Lower Upper
139 100
109 105.7 62.2 102.2#
65 115.5 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 51.255 ng
RT: 15.03 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion:165 Resp: 148256
Ion Ratio Lower Upper
165 100
63 40.6 42.0 63.0#
89 72.6 66.9 100.3
182 2.9 2.6 3.8

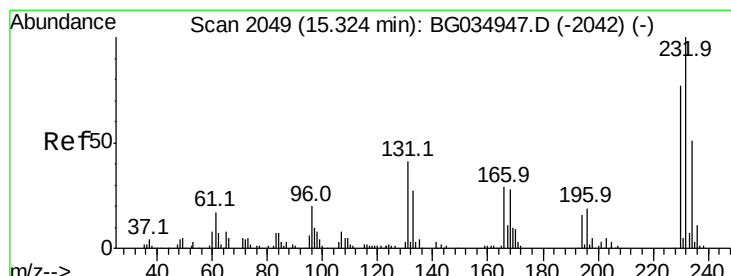
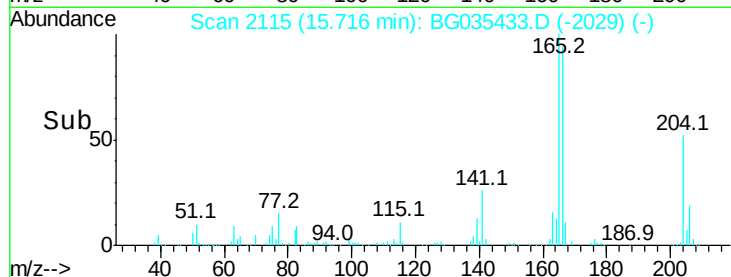
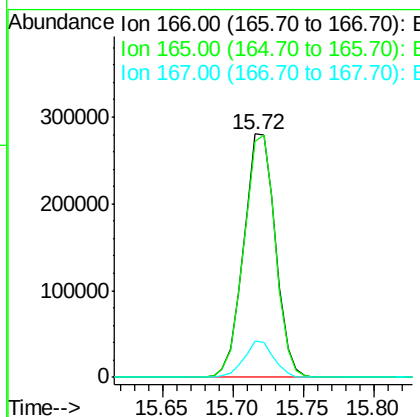
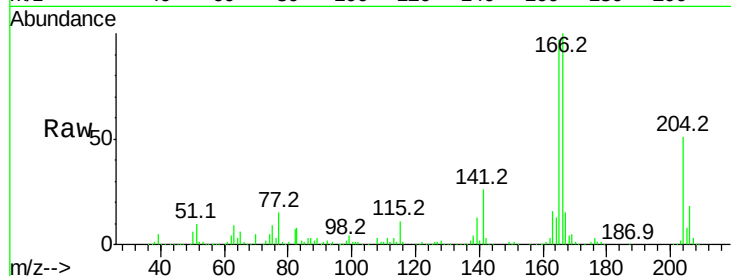




#57
 Fluorene
 Concen: 38.675 ng
 RT: 15.72 min Scan# 2115
 Delta R.T. -0.03 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

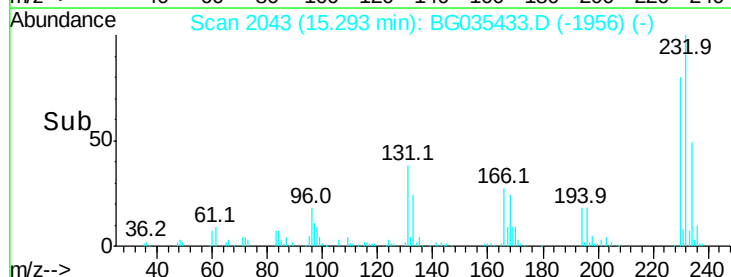
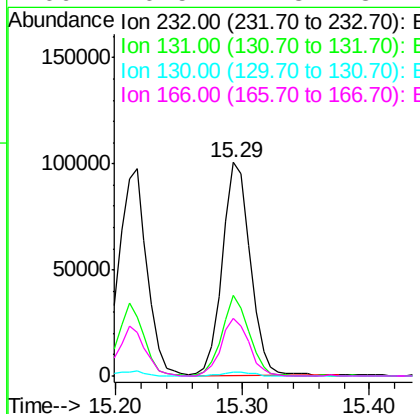
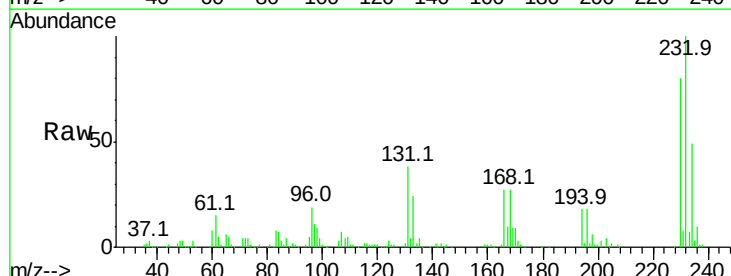
Instrument :
 BNA_G
 ClientSampleId :

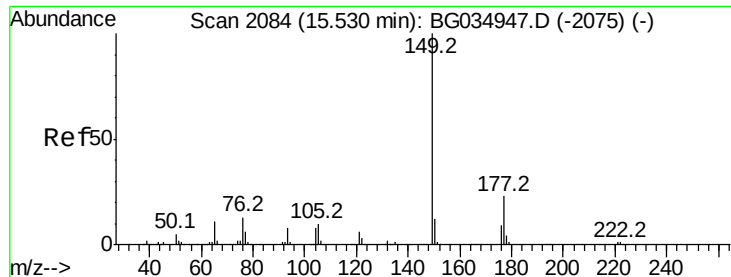
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.0	80.6	121.0
167	14.6	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.262 ng
 RT: 15.29 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

Tgt Ion	Ratio	Lower	Upper
232	100		
131	36.1	33.5	50.3
130	1.9	2.2	3.2#
166	26.5	24.8	37.2





#59

Diethylphthalate

Concen: 36.793 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

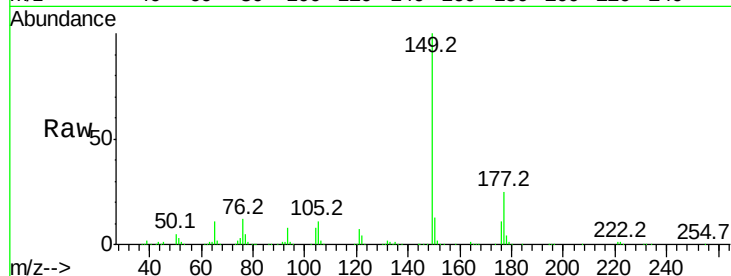
Tot Ion:149 Resp: 448043

Ion Ratio Lower Upper

149 100

177 24.5 18.5 27.7

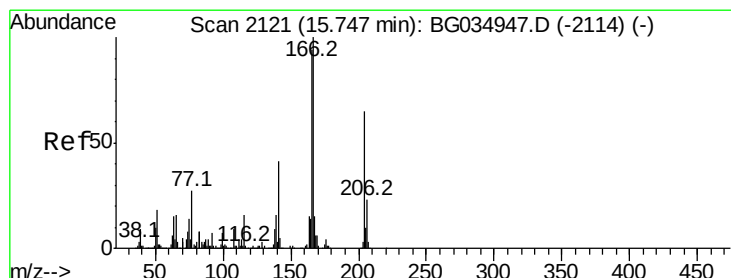
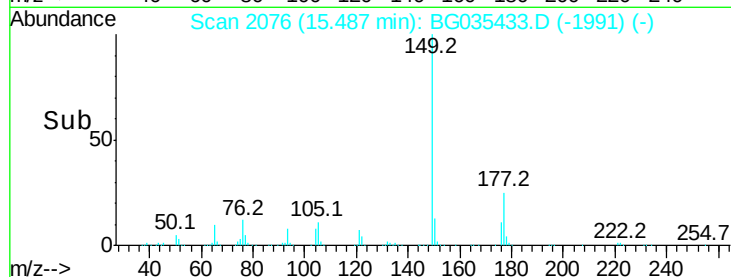
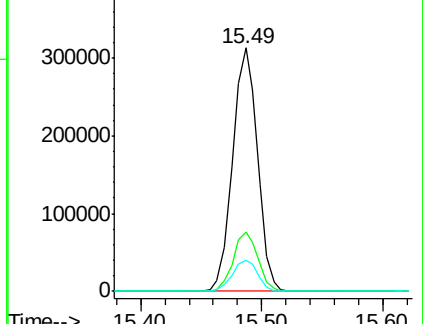
150 13.0 10.2 15.2



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: 39.863 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

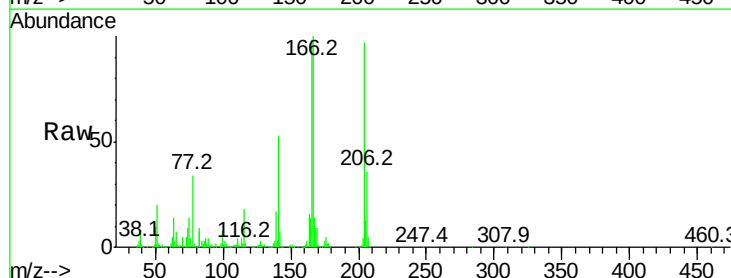
Tgt Ion:204 Resp: 259381

Ion Ratio Lower Upper

204 100

206 36.8 26.2 39.2

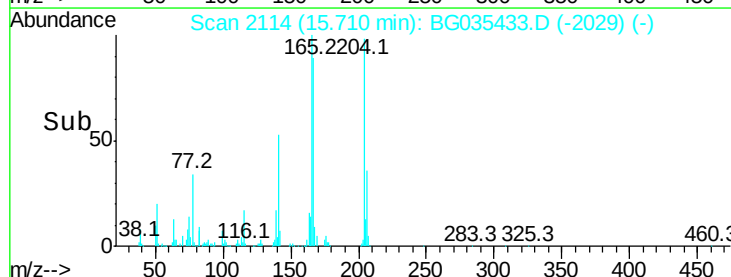
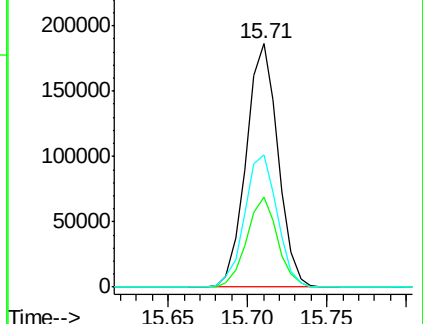
141 54.4 45.8 68.6

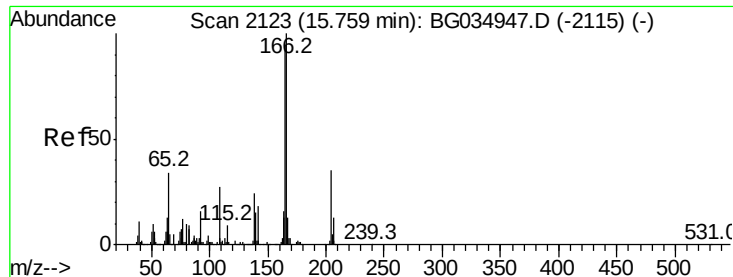


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

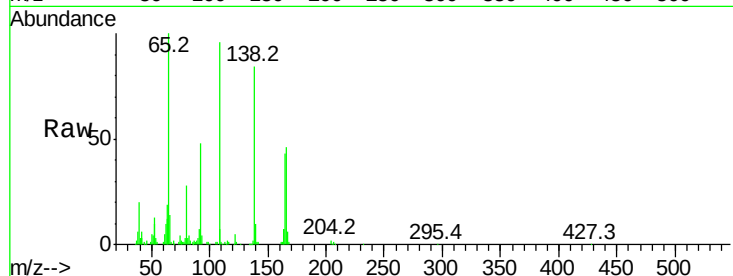




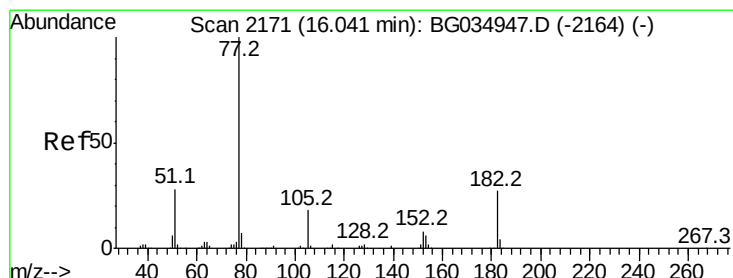
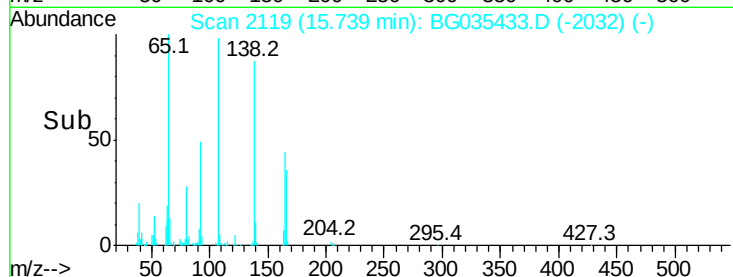
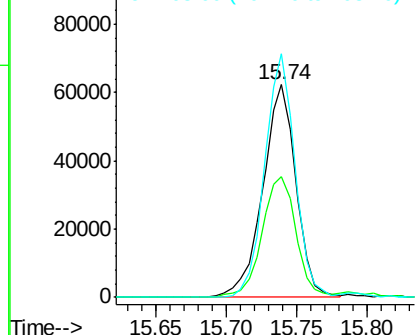
#61
4-Nitroaniline
Concen: 44.791 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.02 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 102638
Ion Ratio Lower Upper
138 100
92 57.0 40.1 80.1
108 114.7 65.4 105.4#

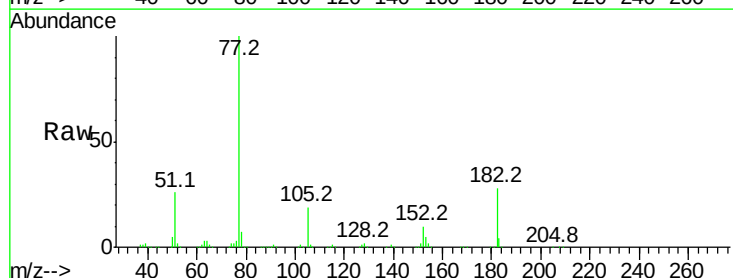


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

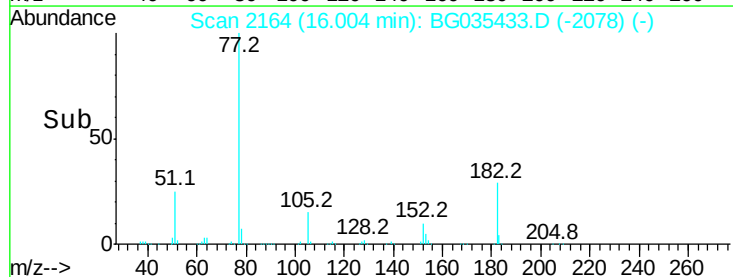
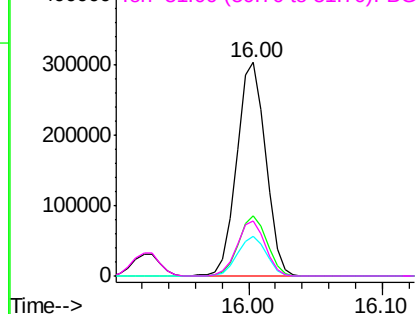


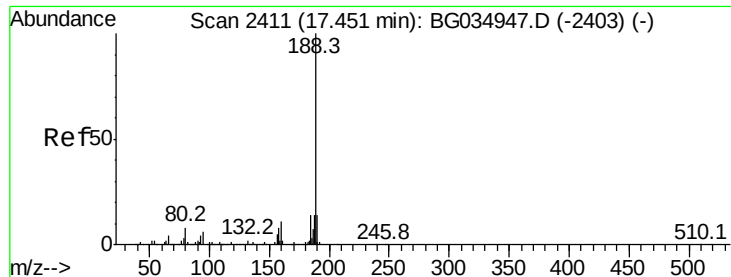
#62
Azobenzene
Concen: 37.965 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion: 77 Resp: 453044
Ion Ratio Lower Upper
77 100
182 28.2 7.4 47.4
105 18.5 0.3 40.3
51 25.8 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

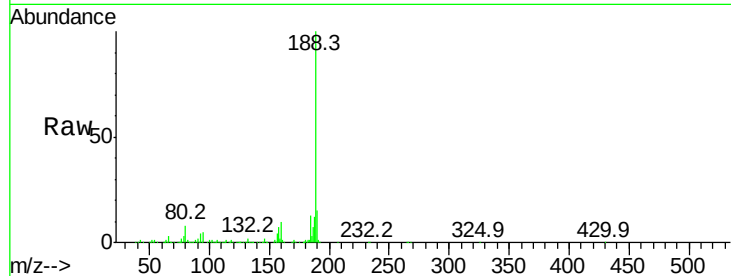
Tot Ion:188 Resp: 363116

Ion Ratio Lower Upper

188 100

94 5.2 6.9 10.3#

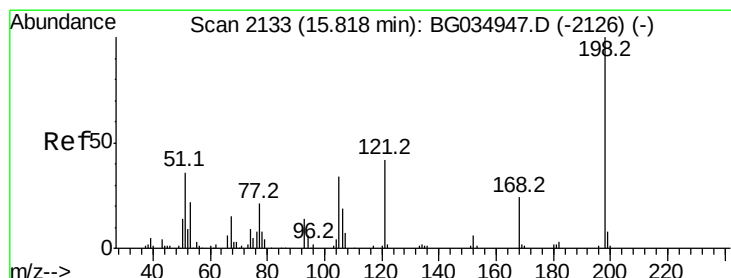
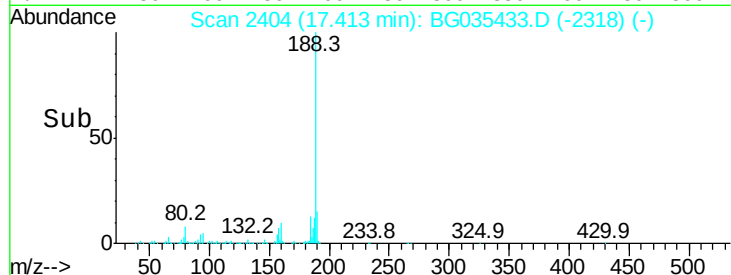
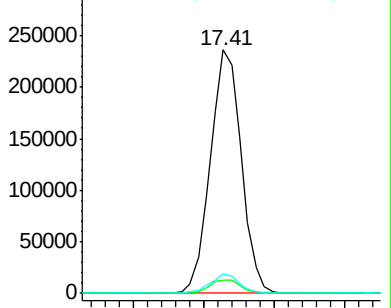
80 8.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 48.974 ng

RT: 15.79 min Scan# 2128

Delta R.T. -0.02 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

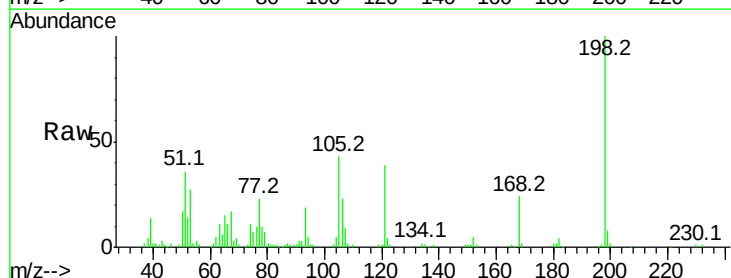
Tgt Ion:198 Resp: 81193

Ion Ratio Lower Upper

198 100

51 36.1 30.6 70.6

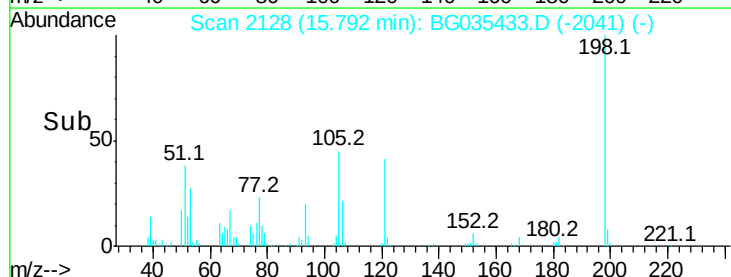
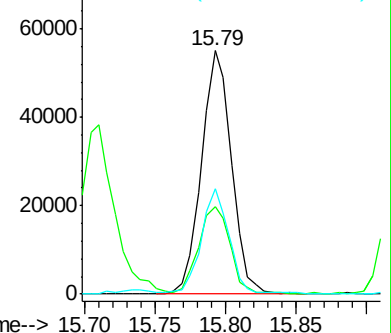
105 43.1 23.8 63.8

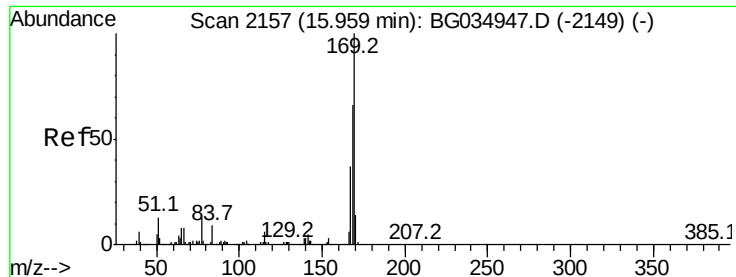


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.598 ng

RT: 15.92 min Scan# 2150

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

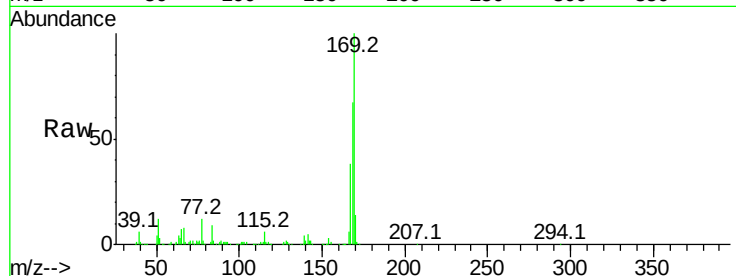
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 399089

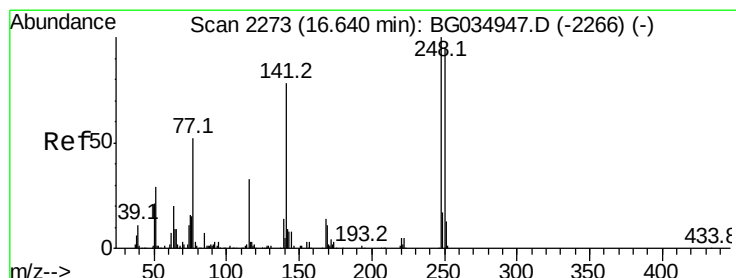
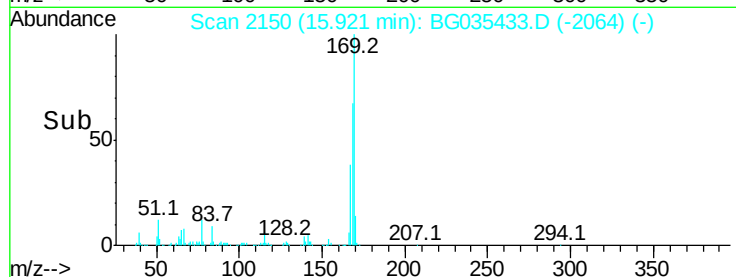
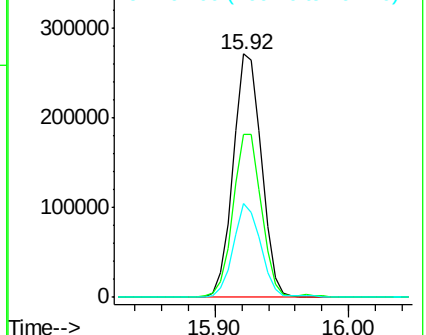
Ion	Ratio	Lower	Upper
169	100		
168	66.7	55.7	83.5
167	38.4	30.1	45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.217 ng

RT: 16.60 min Scan# 2266

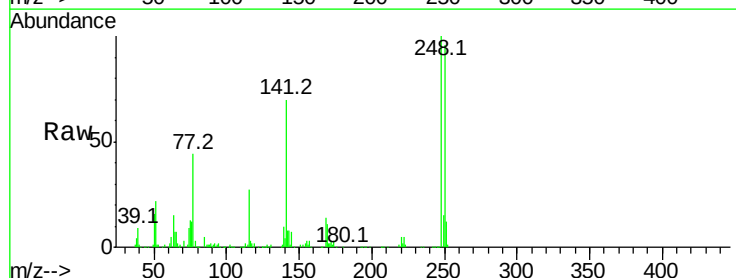
Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Tgt Ion:248 Resp: 180235

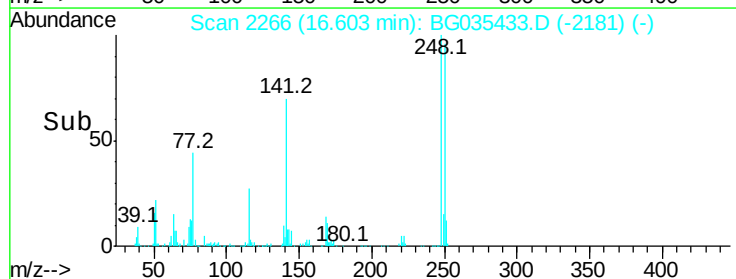
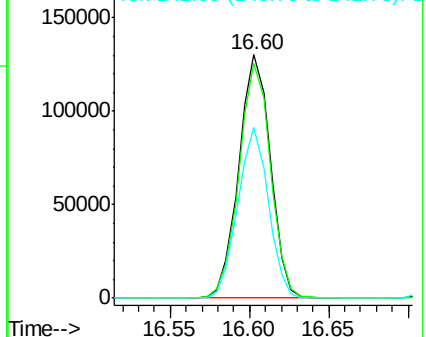
Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.1	115.7
141	69.9	50.8	76.2

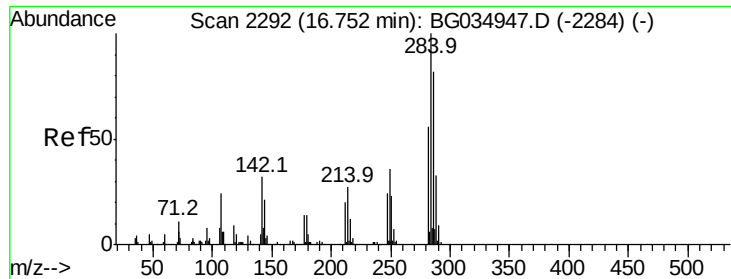


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

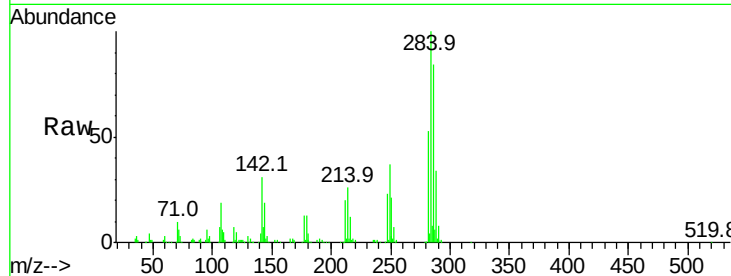




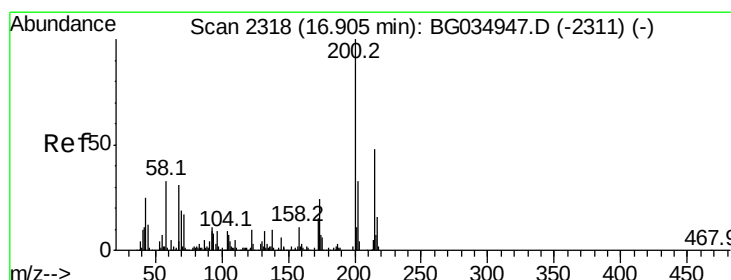
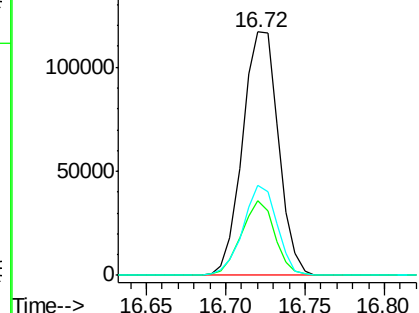
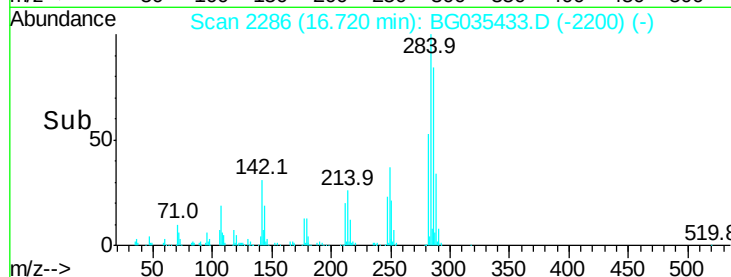
#67
Hexachlorobenzene
Concen: 41.260 ng
RT: 16.72 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.8	26.8	40.2
249	36.8	26.3	39.5

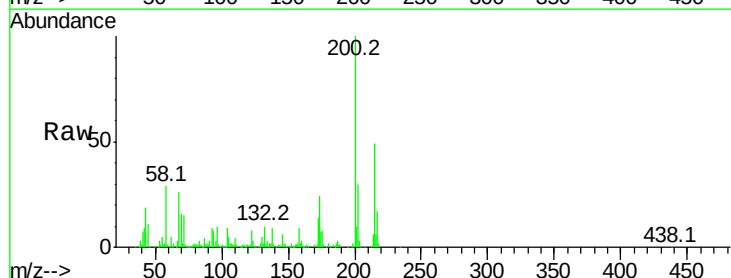


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

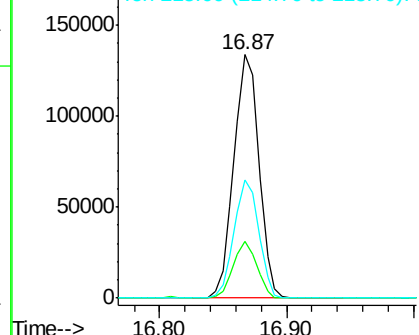
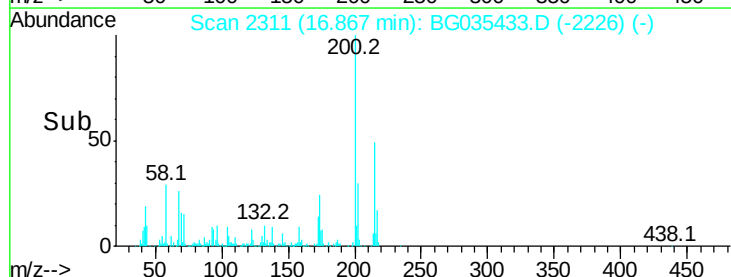


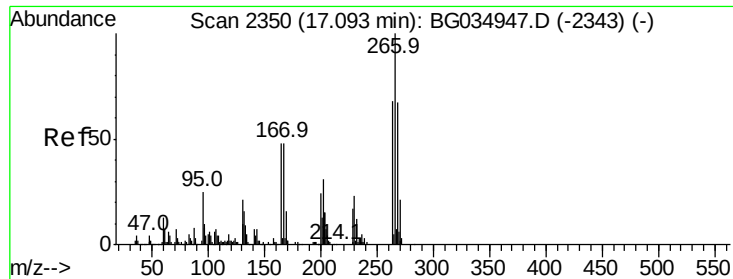
#68
Atrazine
Concen: 39.298 ng
RT: 16.87 min Scan# 2311
Delta R.T. -0.03 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.5	5.2	45.2
215	48.6	30.4	70.4



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: 70.151 ng

RT: 17.07 min Scan# 2345

Delta R.T. -0.02 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

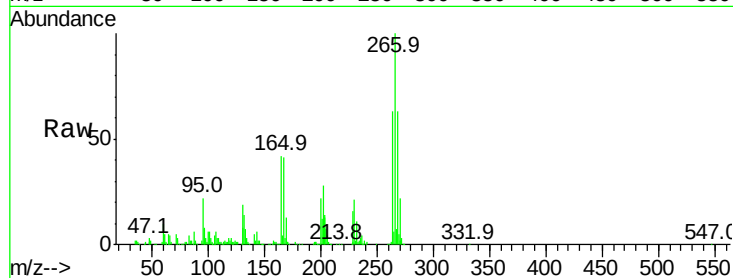
Tot Ion:266 Resp: 209951

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

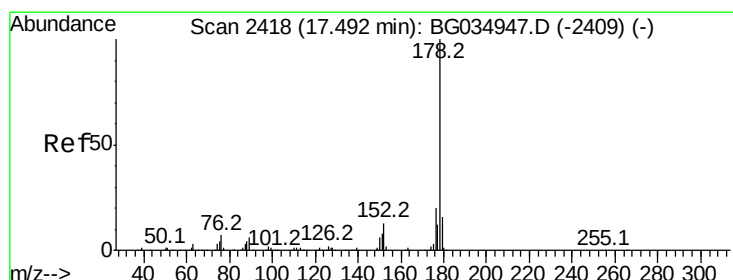
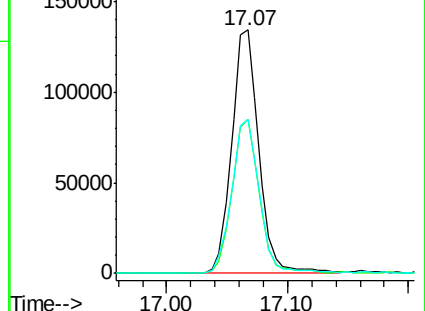
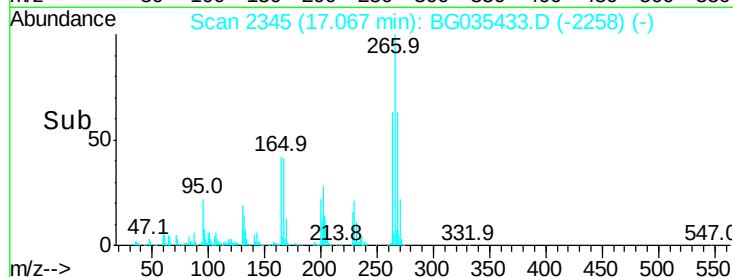
264 63.3 49.6 74.4



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: 39.239 ng

RT: 17.46 min Scan# 2412

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

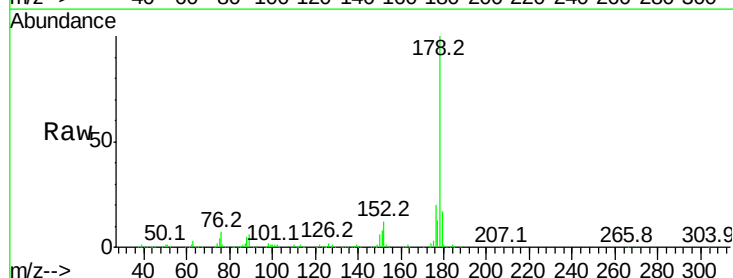
Tgt Ion:178 Resp: 723776

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

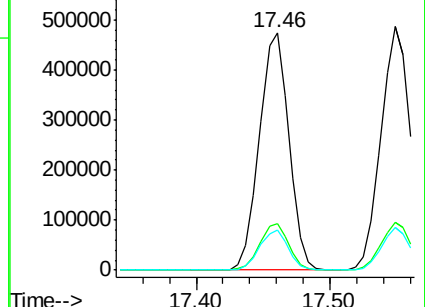
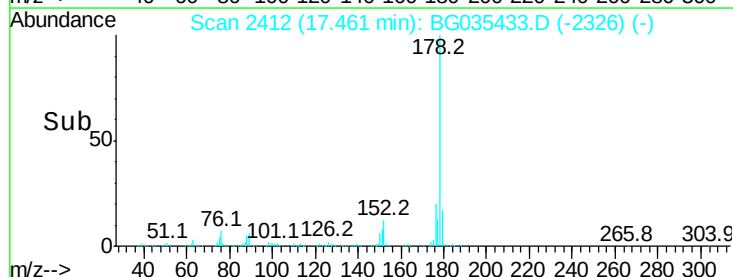
179 16.6 12.5 18.7

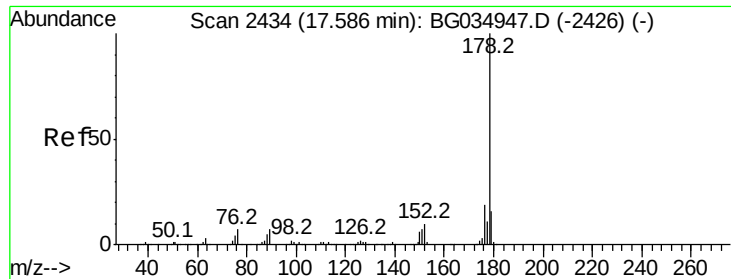


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

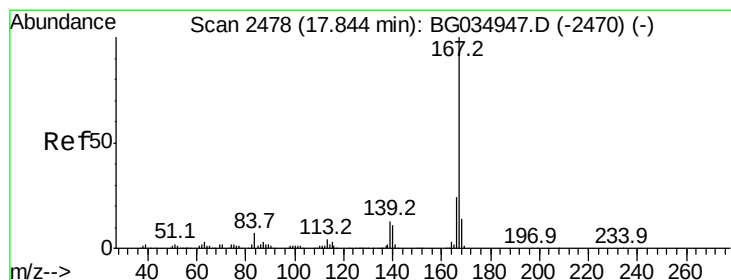
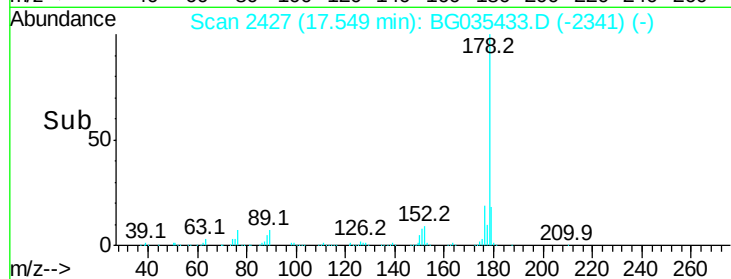
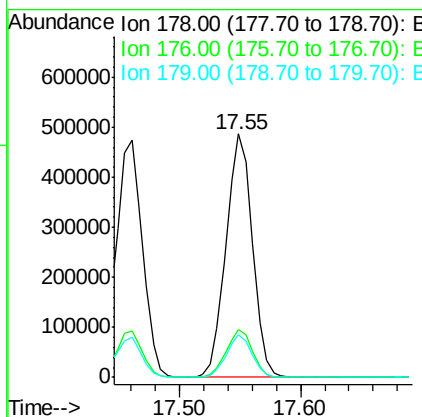
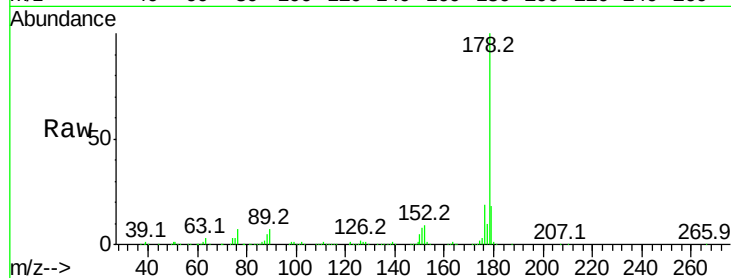




#71
 Anthracene
 Concen: 39.917 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.03 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

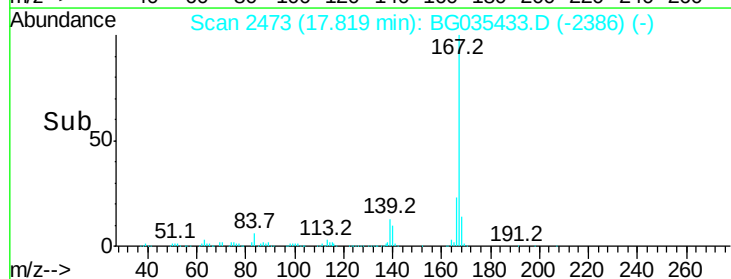
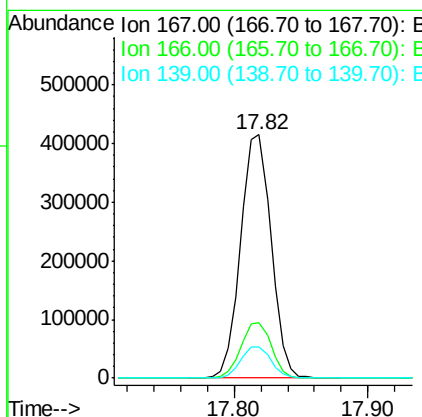
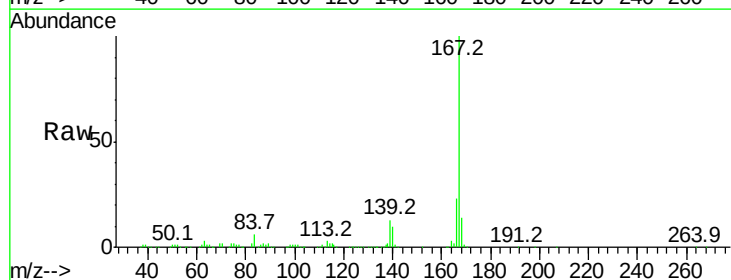
Instrument :
 BNA_G
 ClientSampleId :

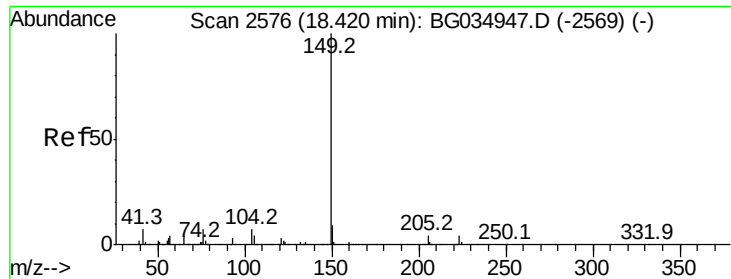
Tot Ion:178 Resp: 737537
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 17.5 12.5 18.7



#72
 Carbazole
 Concen: 38.293 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.02 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

Tgt Ion:167 Resp: 656463
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 13.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 36.426 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.04 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

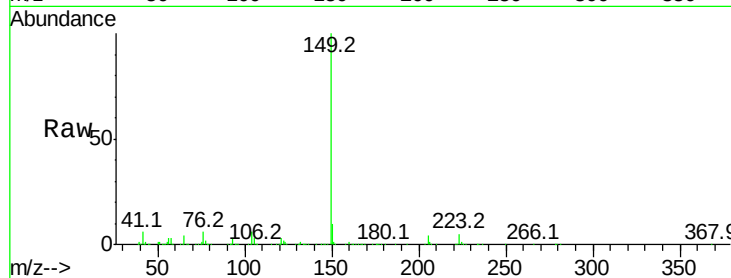
Tot Ion:149 Resp: 744297

Ion Ratio Lower Upper

149 100

150 9.7 7.8 11.6

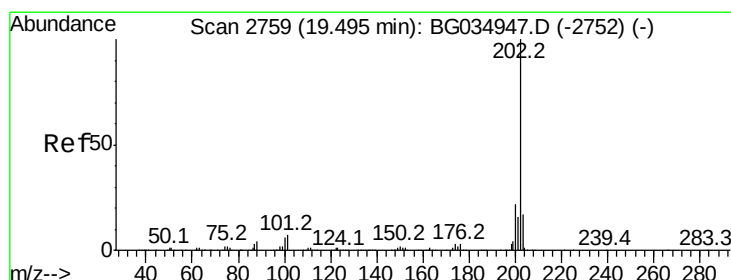
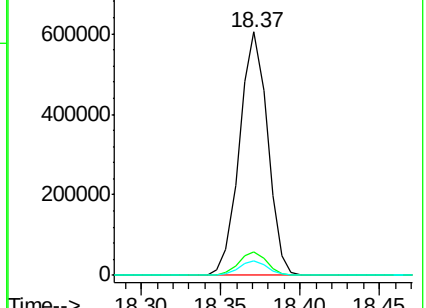
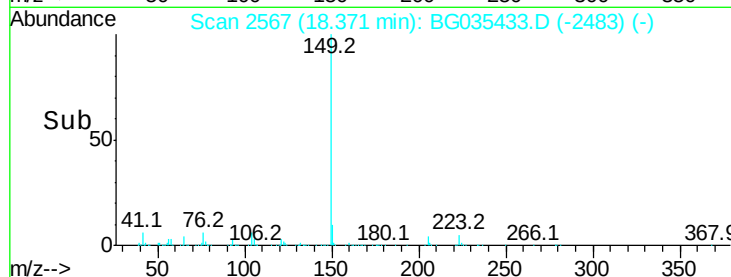
104 5.8 3.9 5.9



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: 38.981 ng

RT: 19.46 min Scan# 2753

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

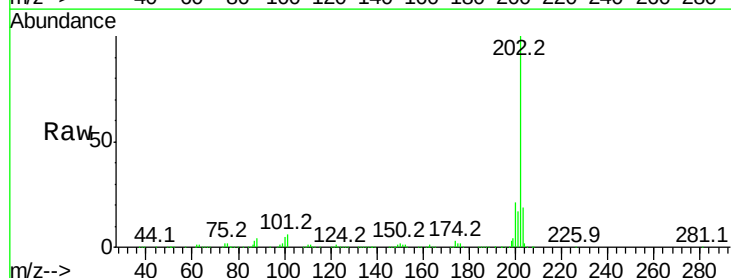
Tgt Ion:202 Resp: 935645

Ion Ratio Lower Upper

202 100

101 6.0 0.0 28.9

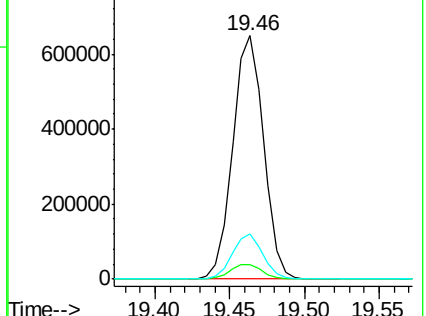
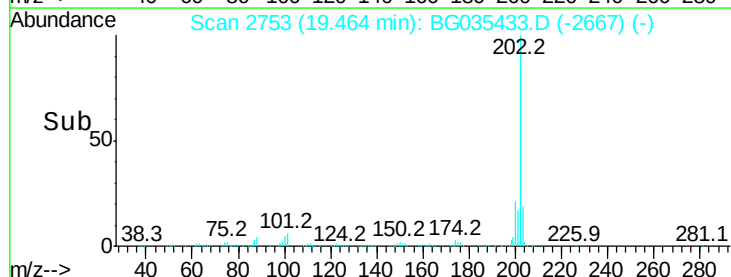
203 18.8 0.0 37.5

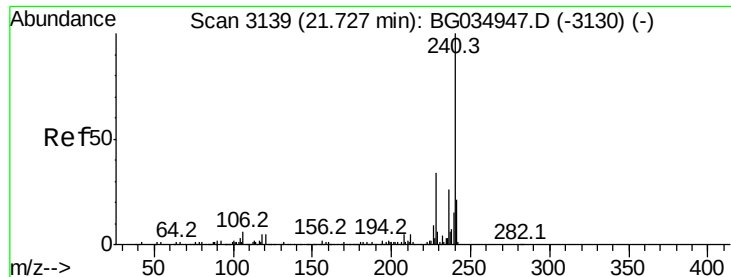


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

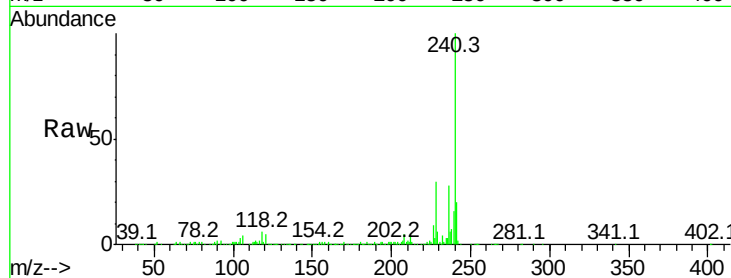
Tot Ion:240 Resp: 376147

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

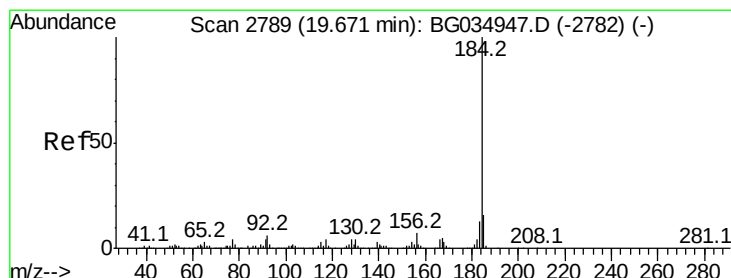
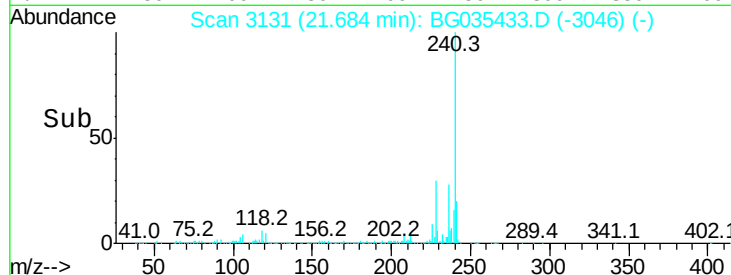
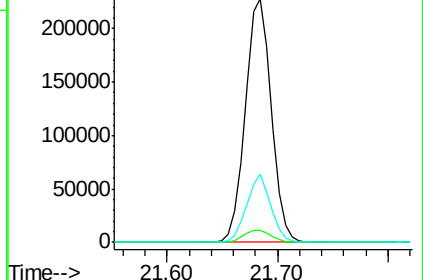
236 27.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.752 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

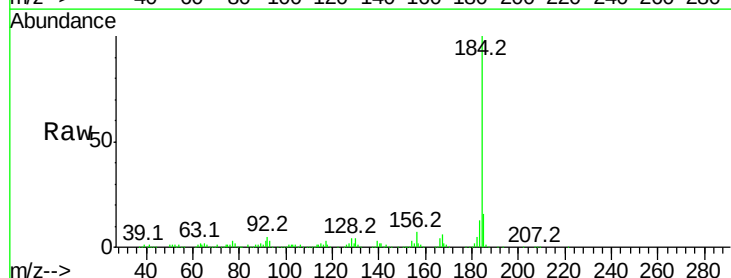
Tgt Ion:184 Resp: 458326

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

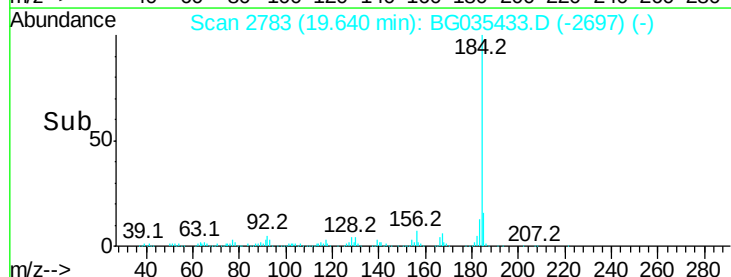
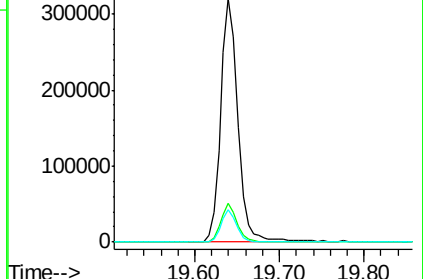
183 13.4 10.6 16.0

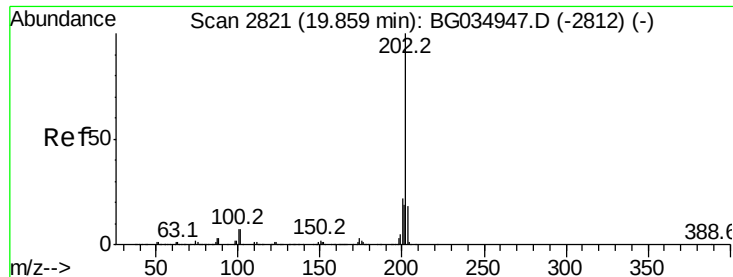


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.278 ng

RT: 19.82 min Scan# 2814

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

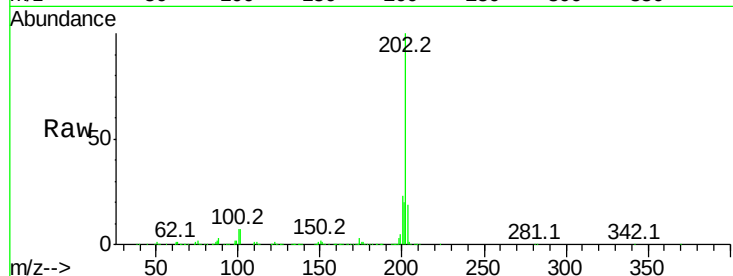
Tot Ion:202 Resp: 924393

Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.9	25.3
203	18.9	13.9	20.9

202 100

200 23.0 16.9 25.3

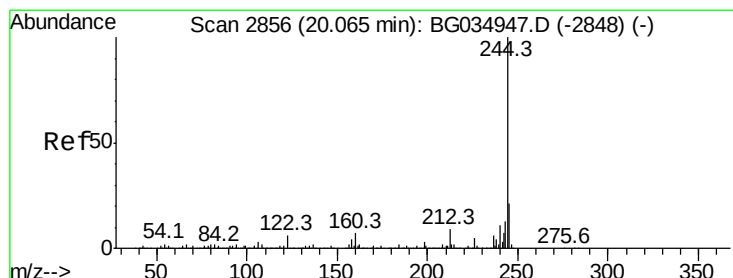
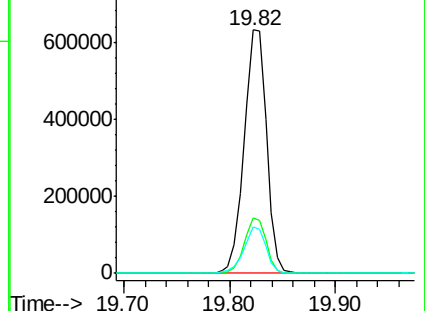
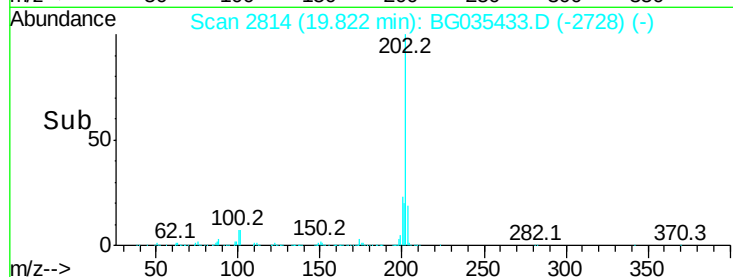
203 18.9 13.9 20.9



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: 80.751 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

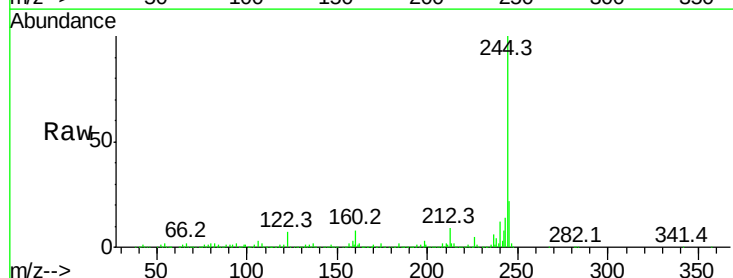
Tgt Ion:244 Resp: 1450067

Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	6.6	7.0	10.4#

244 100

212 9.3 5.8 8.8#

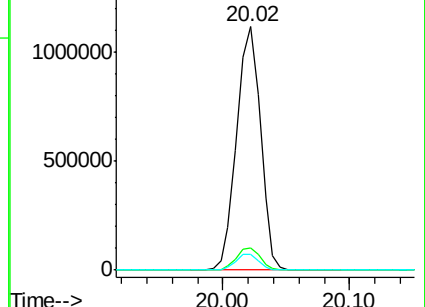
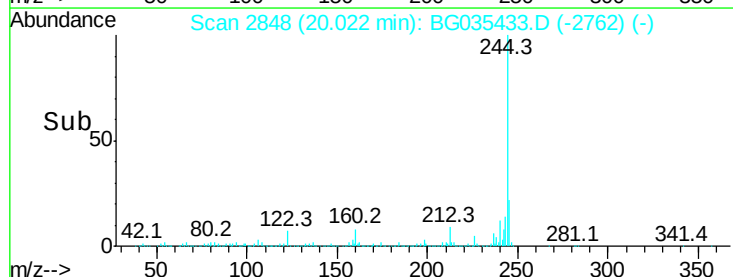
122 6.6 7.0 10.4#

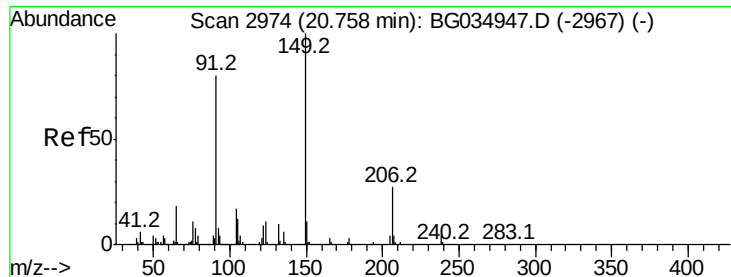


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.791 ng

RT: 20.71 min Scan# 2965

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

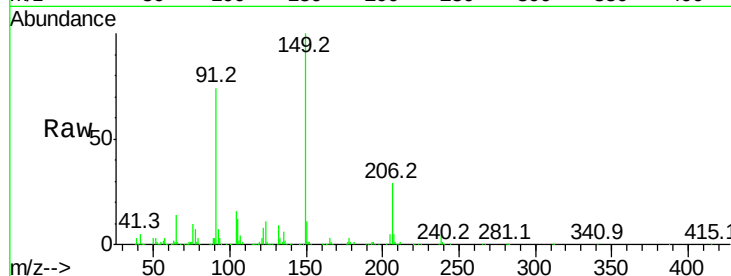
Tot Ion:149 Resp: 340280

Ion Ratio Lower Upper

149 100

91 74.3 62.2 93.2

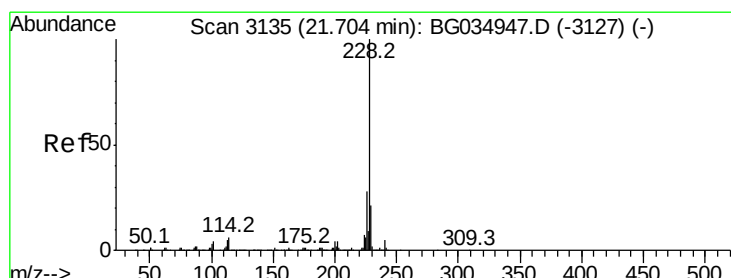
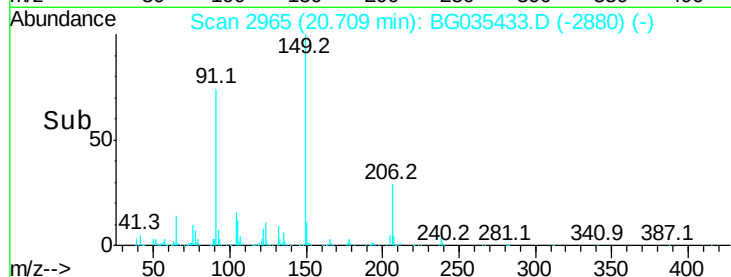
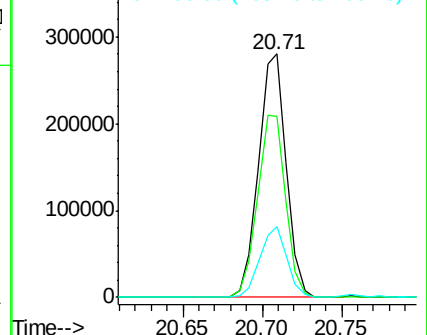
206 29.3 18.6 27.8#



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: 39.781 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.03 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

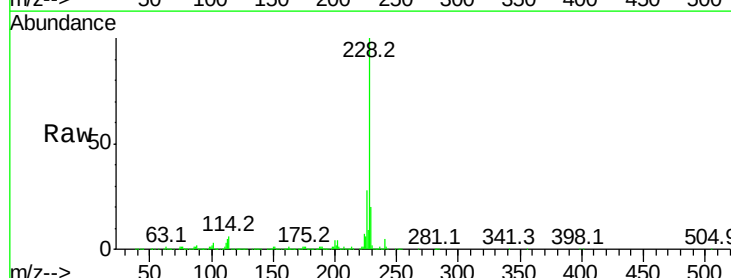
Tgt Ion:228 Resp: 956206

Ion Ratio Lower Upper

228 100

226 28.3 22.7 34.1

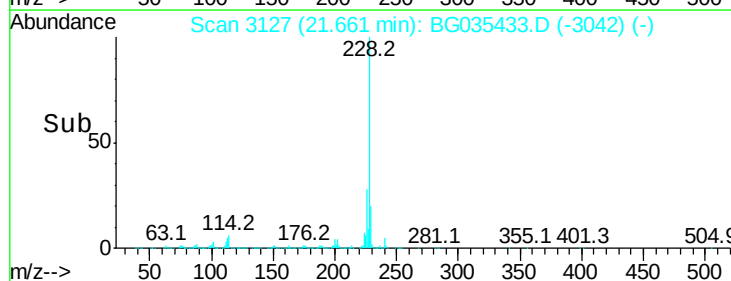
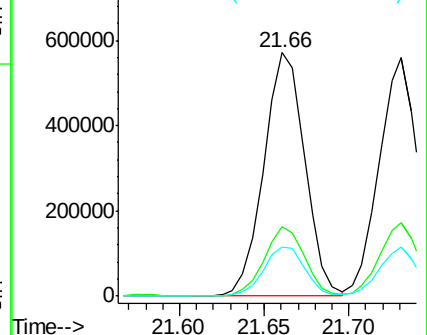
229 20.2 16.2 24.2

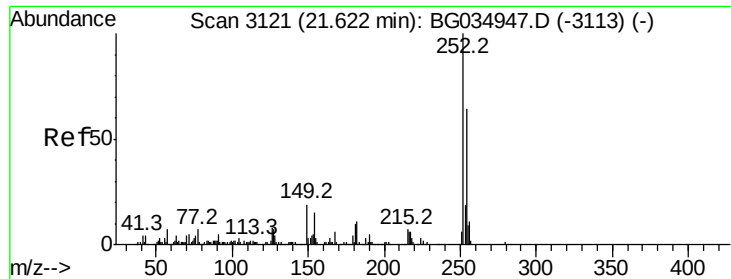


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

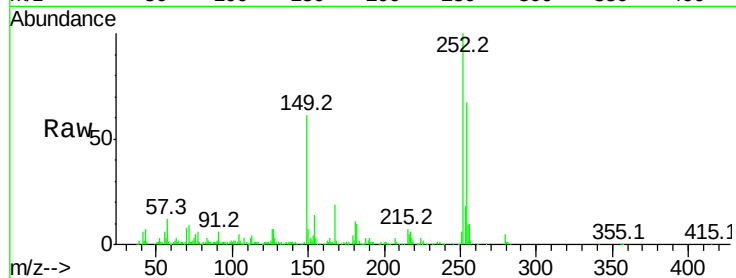




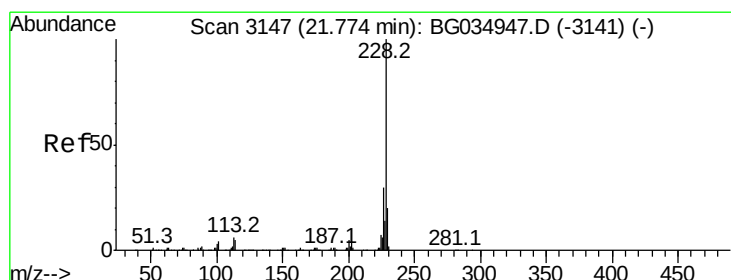
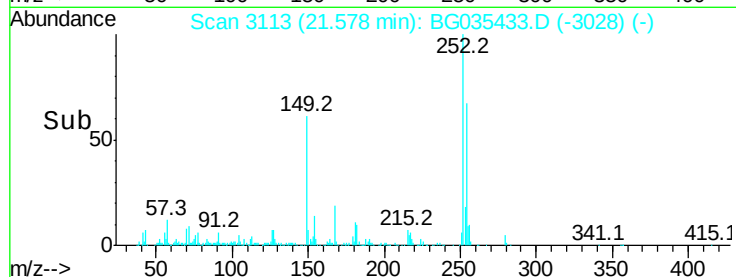
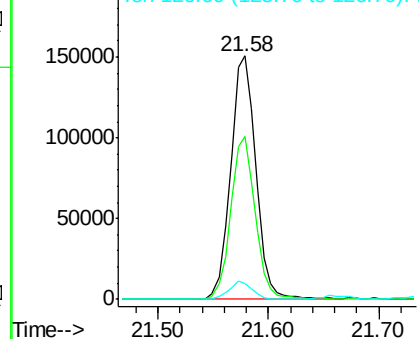
#81
 3,3'-Dichlorobenzidine
 Concen: 26.699 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.03 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.0	50.8	76.2
126	6.7	7.4	11.2#

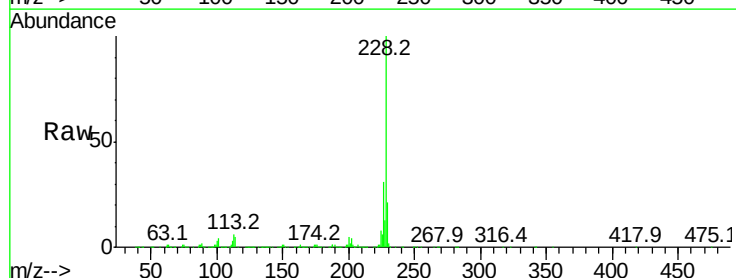


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

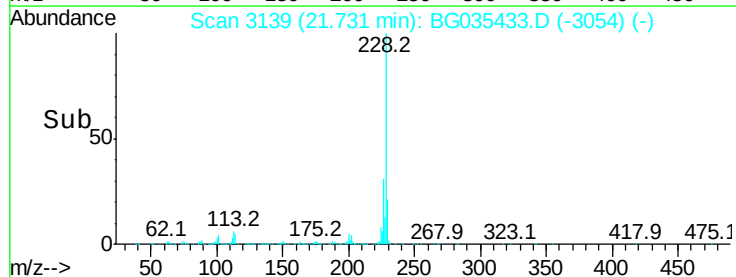
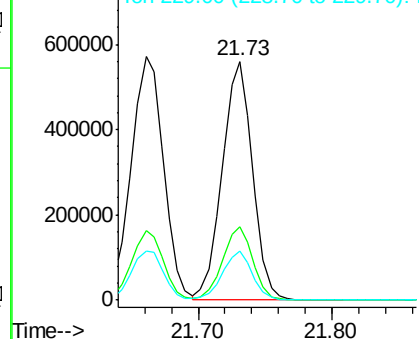


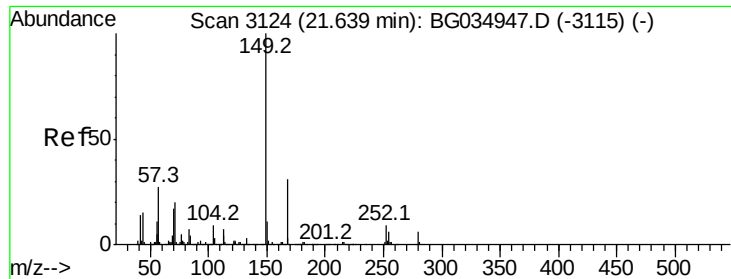
#82
 Chrysene
 Concen: 40.521 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.03 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	20.6	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.194 ng

RT: 21.57 min Scan# 3111

Delta R.T. -0.05 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

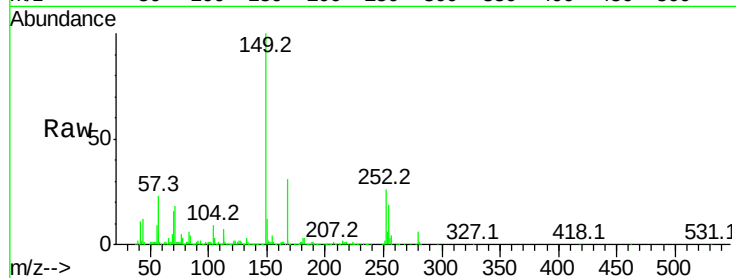
Tot Ion:149 Resp: 460503

Ion Ratio Lower Upper

149 100

167 30.9 24.3 36.5

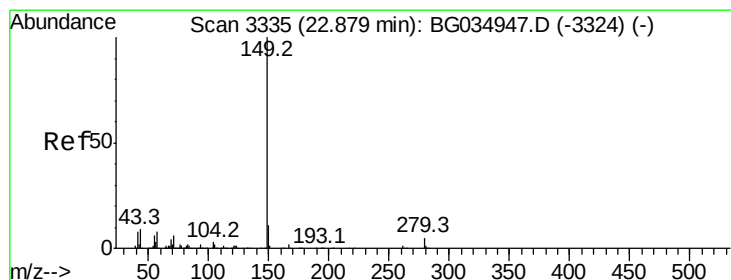
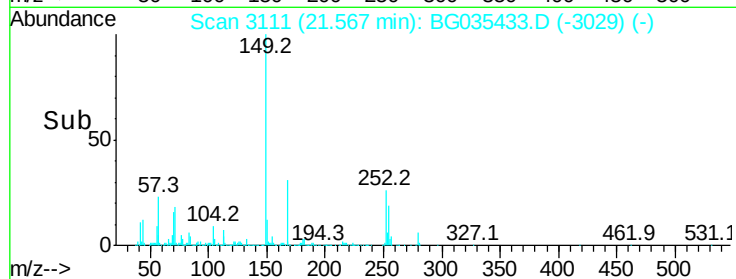
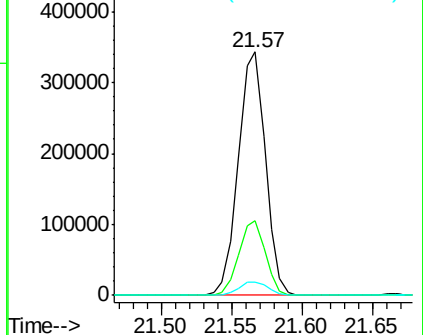
279 5.7 4.0 6.0



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: 36.523 ng

RT: 22.77 min Scan# 3316

Delta R.T. -0.07 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

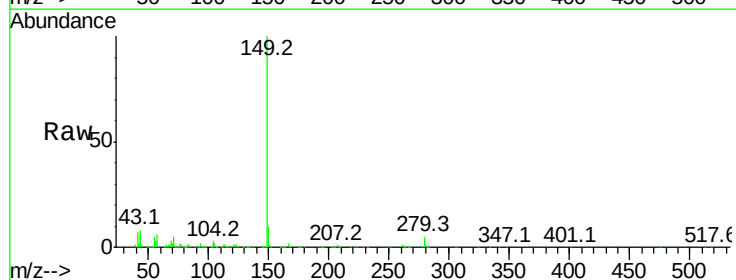
Tgt Ion:149 Resp: 797227

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

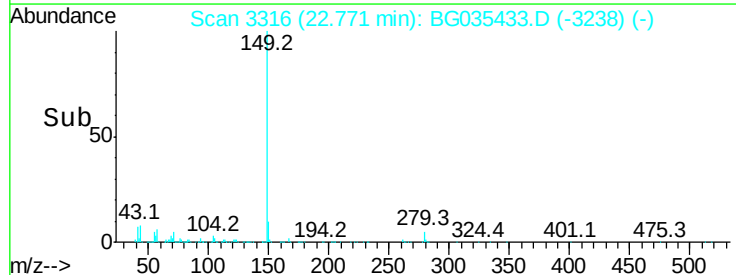
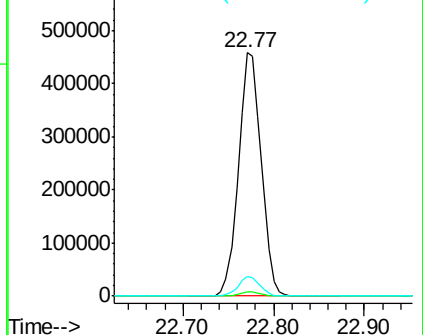
43 7.7 8.9 13.3#

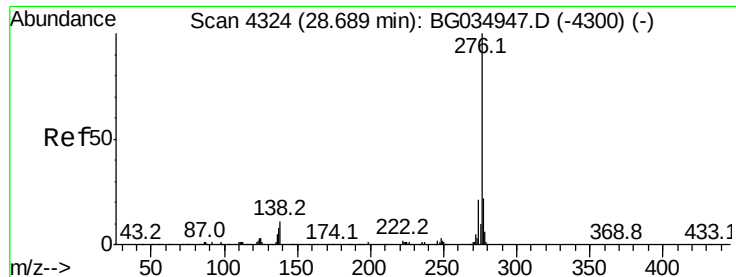


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

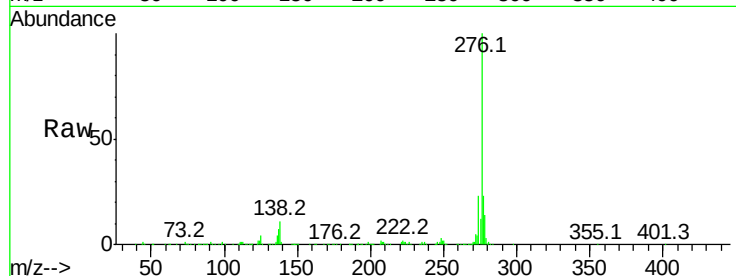




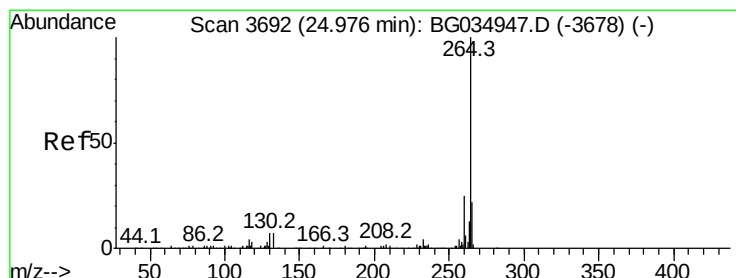
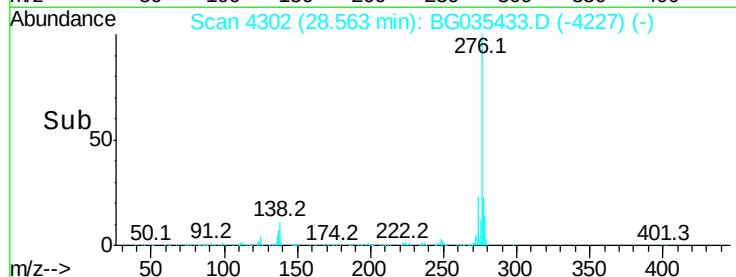
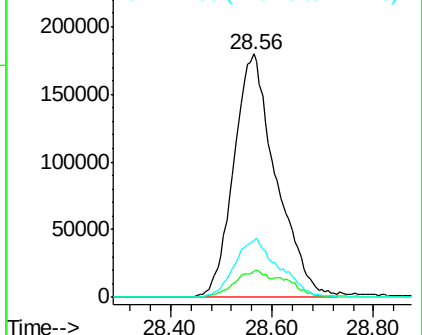
#85
Indeno(1,2,3-cd)pyrene
Concen: 40.450 ng
RT: 28.56 min Scan# 4302
Delta R.T. -0.09 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:276 Resp: 1042608
Ion Ratio Lower Upper
276 100
138 8.7 16.0 24.0#
277 25.2 20.0 30.0

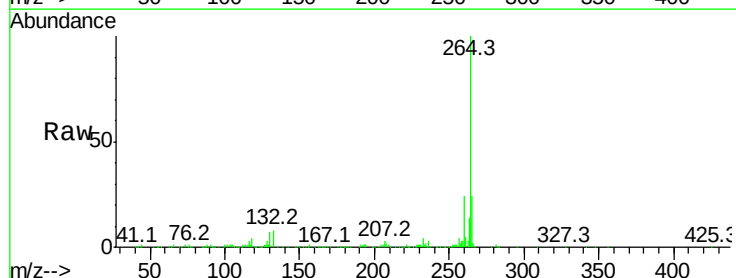


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

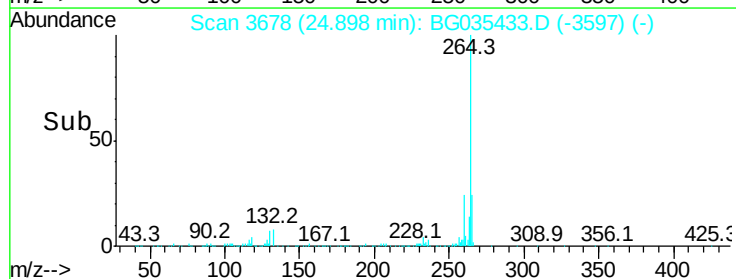
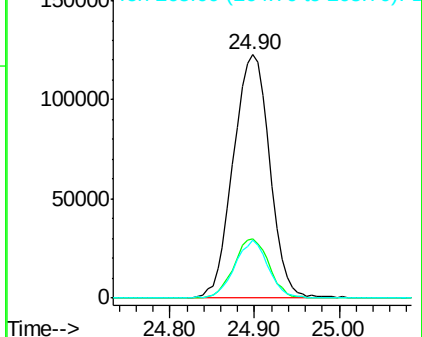


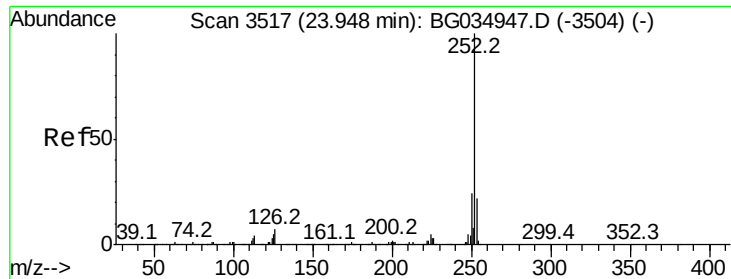
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.90 min Scan# 3678
Delta R.T. -0.06 min
Lab File: BG035433.D
Acq: 27 Jun 2018 6:36

Tgt Ion:264 Resp: 367539
Ion Ratio Lower Upper
264 100
260 24.4 17.4 26.0
265 23.6 17.7 26.5



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: 41.088 ng

RT: 23.88 min Scan# 3504

Delta R.T. -0.05 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

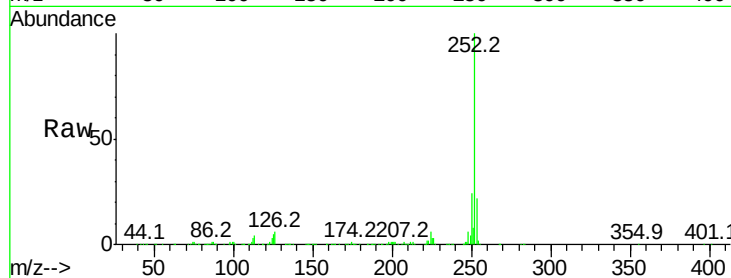
Tot Ion:252 Resp: 929982

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

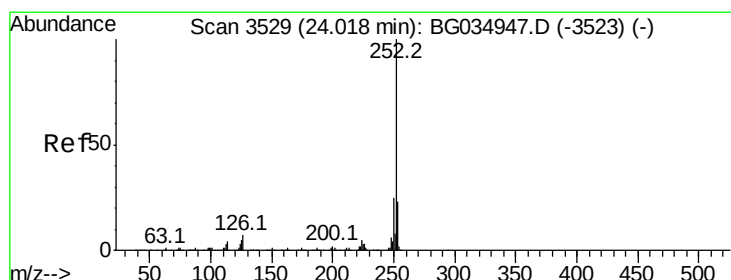
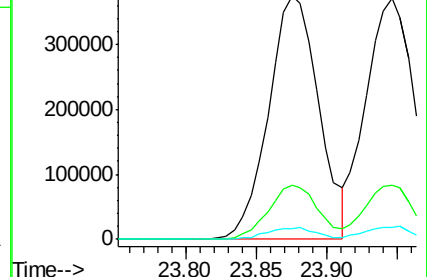
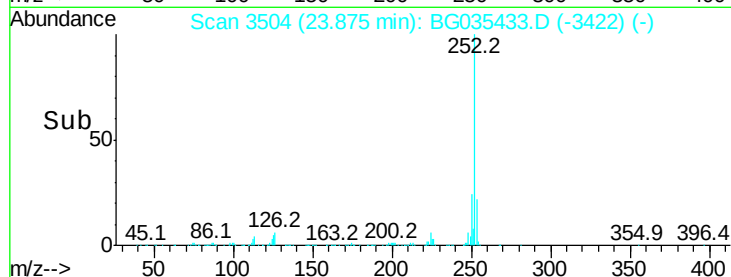
125 4.5 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.934 ng

RT: 23.95 min Scan# 3516

Delta R.T. -0.05 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

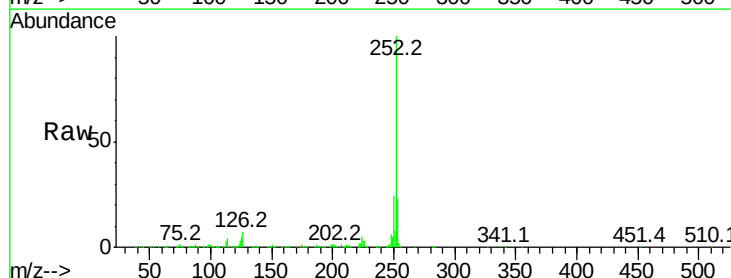
Tgt Ion:252 Resp: 884181

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

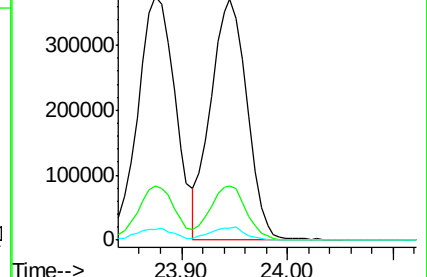
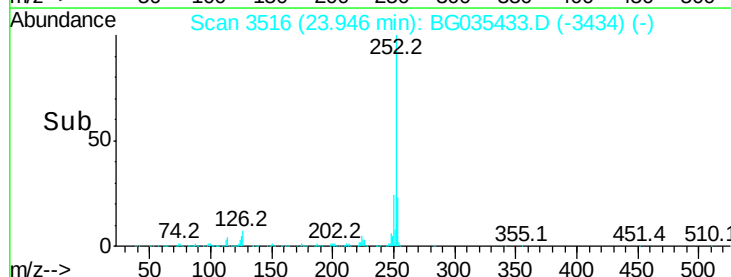
125 5.1 6.6 9.8#

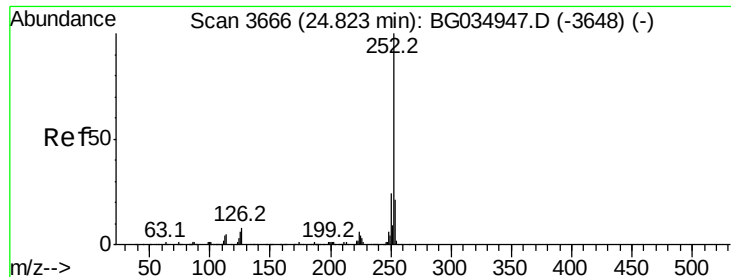


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.331 ng

RT: 24.74 min Scan# 3652

Delta R.T. -0.06 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

Instrument :

BNA_G

ClientSampleId :

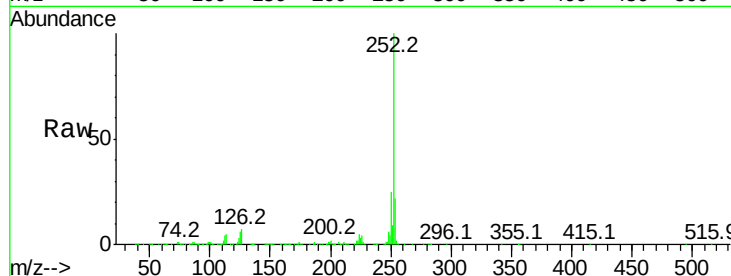
Tot Ion:252 Resp: 901556

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

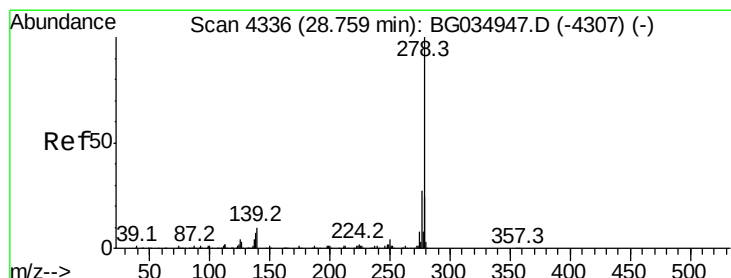
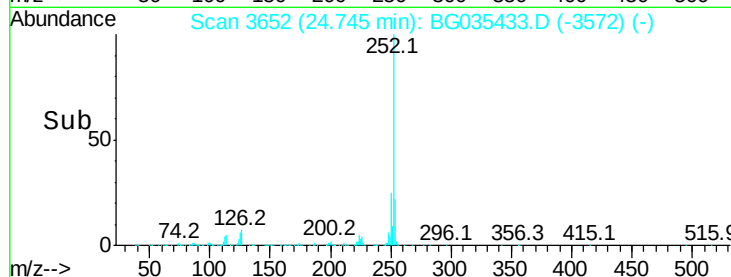
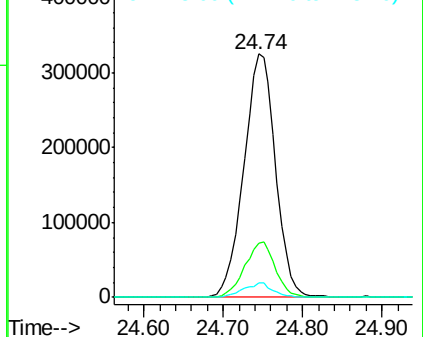
125 5.9 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.009 ng

RT: 28.63 min Scan# 4314

Delta R.T. -0.09 min

Lab File: BG035433.D

Acq: 27 Jun 2018 6:36

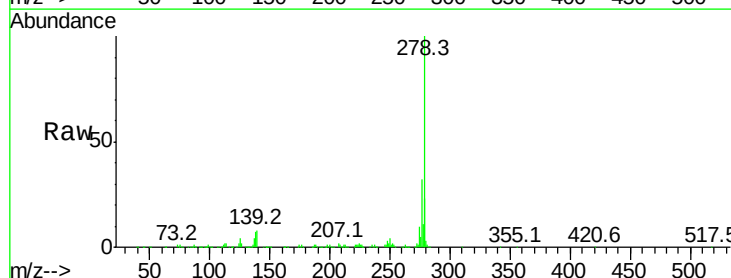
Tgt Ion:278 Resp: 841175

Ion Ratio Lower Upper

278 100

139 8.3 9.8 14.6#

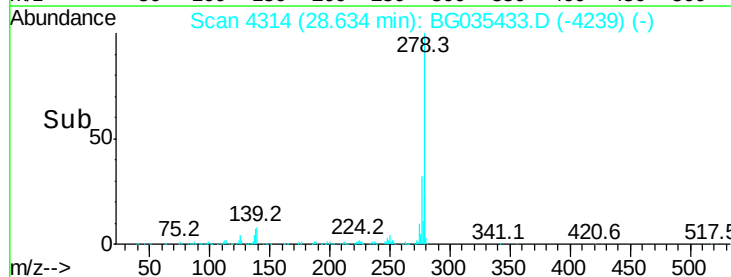
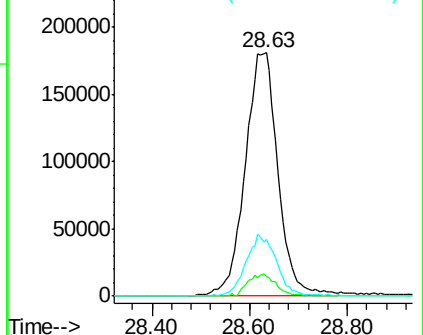
279 23.2 18.4 27.6

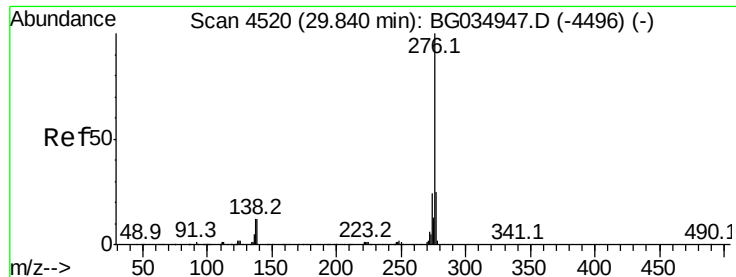


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

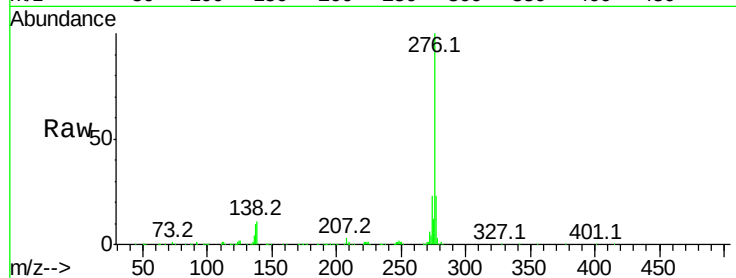




#91
 Benzo(a,h,i)perylene
 Concen: 41.559 ng
 RT: 29.71 min Scan# 4497
 Delta R.T. -0.10 min
 Lab File: BG035433.D
 Acq: 27 Jun 2018 6:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	10.8	13.9	20.9



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

