

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035483.D
 Acq On : 28 Jun 2018 18:19
 Operator : JU/SJ
 Sample : PB110650BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

Quant Time: Jun 29 02:36:48 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	68092	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	263243	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	191611	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	512678	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	546937	20.00	ng	-0.03
86) Perylene-d12	24.91	264	559371	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	332572	82.43	ng	-0.01
7) Phenol-d6	7.22	99	495283	83.17	ng	0.00
23) Nitrobenzene-d5	9.22	82	309383	55.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	231887	94.54	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	729303	49.48	ng	-0.03
78) Terphenyl-d14	20.02	244	1328731	50.89	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	35061	18.213	ng	# 72
3) Pyridine	3.93	79	102321	19.699	ng	# 74
4) n-Nitrosodimethylamine	3.85	42	43859	19.655	ng	# 72
6) Aniline	7.38	93	96944	12.594	ng	98
8) 2-Chlorophenol	7.62	128	107659	25.455	ng	96
9) Benzaldehyde	7.19	77	82360	17.955	ng	97
10) Phenol	7.25	94	163000	26.449	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	104578	21.863	ng	92
12) 1,3-Dichlorobenzene	7.94	146	115229	22.835	ng	95
13) 1,4-Dichlorobenzene	8.09	146	117678	22.590	ng	94
14) 1,2-Dichlorobenzene	8.40	146	113015	23.097	ng	97
15) Benzyl Alcohol	8.29	79	126677	22.449	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	114136	23.973	ng	77
17) 2-Methylphenol	8.49	107	108916	26.806	ng	# 89
18) Hexachloroethane	9.13	117	43671	23.417	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	101226	20.008	ng	# 86
20) 3+4-Methylphenols	8.82	107	148855	25.559	ng	96
22) Acetophenone	8.87	105	185972	22.806	ng	# 89
24) Nitrobenzene	9.26	77	147361	25.985	ng	96
25) Isophorone	9.78	82	282164	24.132	ng	99
26) 2-Nitrophenol	9.97	139	61487	31.456	ng	# 90
27) 2,4-Dimethylphenol	10.03	122	113969	27.738	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	152081	24.204	ng	95
29) 2,4-Dichlorophenol	10.50	162	131868	29.496	ng	92
30) 1,2,4-Trichlorobenzene	10.72	180	134383	25.068	ng	99
31) Naphthalene	10.91	128	333685	24.401	ng	98
32) Benzoic acid	10.17	122	43978	15.980	ng	89
33) 4-Chloroaniline	11.01	127	47260	7.959	ng	# 95
34) Hexachlorobutadiene	11.19	225	102085	24.486	ng	95
35) Caprolactam	11.79	113	35963	21.766	ng	# 77
36) 4-Chloro-3-methylphenol	12.13	107	155519	27.906	ng	95
37) 2-Methylnaphthalene	12.51	142	267892	25.838	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	187625	26.289	ng	98
40) Hexachlorocyclopentadiene	12.85	237	243241	54.348	ng	93

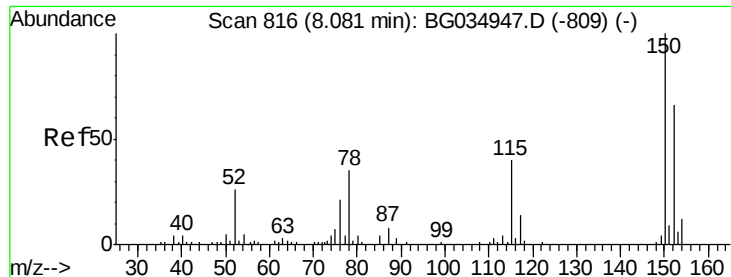
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035483.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	121005	28.315	ng	94
43) 2,4,5-Trichlorophenol	13.19	196	130447	27.810	ng	97
45) 1,1'-Biphenyl	13.51	154	368021	23.886	ng	98
46) 2-Chloronaphthalene	13.56	162	289867	24.884	ng	98
47) 2-Nitroaniline	13.76	65	99100	28.809	ng	89
48) Acenaphthylene	14.40	152	485857	24.874	ng	97
49) Dimethylphthalate	14.13	163	408974	24.476	ng	99
50) 2,6-Dinitrotoluene	14.25	165	93098	30.541	ng #	85
51) Acenaphthene	14.74	154	290321	22.748	ng	96
52) 3-Nitroaniline	14.58	138	46319	15.485	ng #	89
53) 2,4-Dinitrophenol	14.78	184	37784	30.627	ng #	64
54) Dibenzofuran	15.07	168	478137	25.015	ng	95
55) 4-Nitrophenol	14.89	139	121341	48.066	ng	87
56) 2,4-Dinitrotoluene	15.03	165	131531	32.482	ng	91
57) Fluorene	15.72	166	394287	24.683	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	131807	28.926	ng	94
59) Diethylphthalate	15.49	149	394958	23.168	ng	97
60) 4-Chlorophenyl-phenylether	15.71	204	228992	25.139	ng	97
61) 4-Nitroaniline	15.74	138	90775	28.298	ng #	84
62) Azobenzene	16.01	77	402508	24.094	ng	94
64) 4,6-Dinitro-2-methylphenol	15.79	198	53154	22.708	ng	87
65) n-Nitrosodiphenylamine	15.92	169	355182	23.069	ng	98
66) 4-Bromophenyl-phenylether	16.61	248	161091	26.092	ng	98
67) Hexachlorobenzene	16.73	284	161405	25.685	ng	94
68) Atrazine	16.87	200	163772	24.944	ng	97
69) Pentachlorophenol	17.07	266	160959	38.092	ng	98
70) Phenanthrene	17.46	178	640428	24.591	ng	99
71) Anthracene	17.55	178	651185	24.962	ng	99
72) Carbazole	17.82	167	588501	24.314	ng	99
73) Di-n-butylphthalate	18.37	149	679400	23.550	ng #	98
74) Fluoranthene	19.47	202	853487	25.185	ng	96
76) Benzidine	19.64	184	267378	13.140	ng	97
77) Pyrene	19.82	202	843031	23.381	ng	99
79) Butylbenzylphthalate	20.71	149	308856	23.590	ng	98
80) Benzo(a)anthracene	21.66	228	867397	24.818	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	179277	13.634	ng #	99
82) Chrysene	21.73	228	803998	25.125	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	424940	22.970	ng #	98
84) Di-n-octyl phthalate	22.78	149	728531	22.954	ng #	92
85) Indeno(1,2,3-cd)pyrene	28.58	276	912411	24.345	ng #	84
87) Benzo(b)fluoranthene	23.88	252	854307	24.800	ng #	96
88) Benzo(k)fluoranthene	23.95	252	799601	23.729	ng #	97
89) Benzo(a)pyrene	24.75	252	812066	25.053	ng #	95
90) Dibenzo(a,h)anthracene	28.64	278	721253	22.540	ng #	96
91) Benzo(g,h,i)perylene	29.72	276	739722	23.622	ng #	92

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

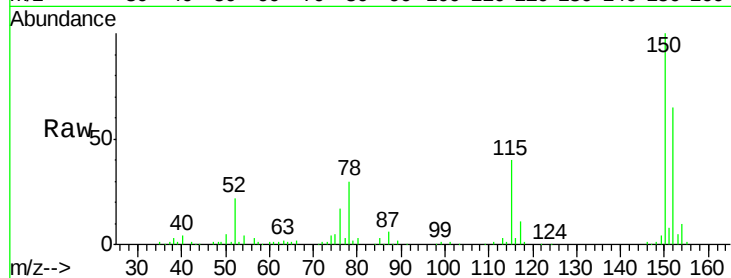


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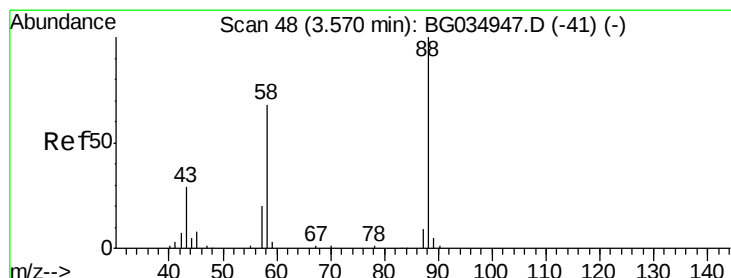
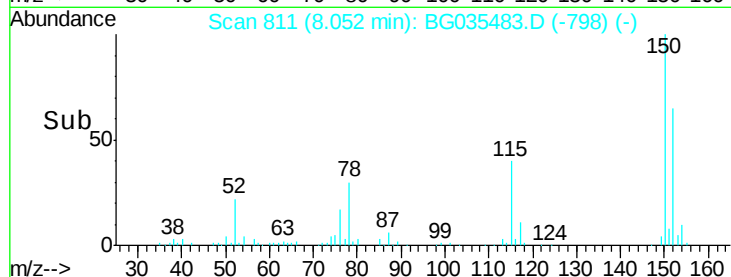
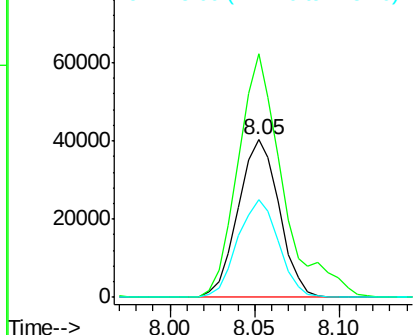
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Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Instrument :
BNA_G
ClientSampleId :
PB110650BS

Tgt Ion:152 Resp: 68092
Ion Ratio Lower Upper
152 100
150 154.3 126.6 189.8
115 61.7 53.0 79.4



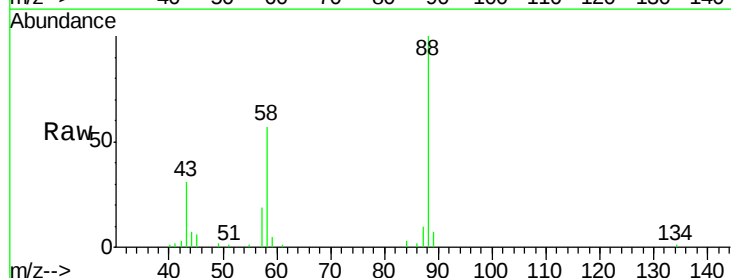
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



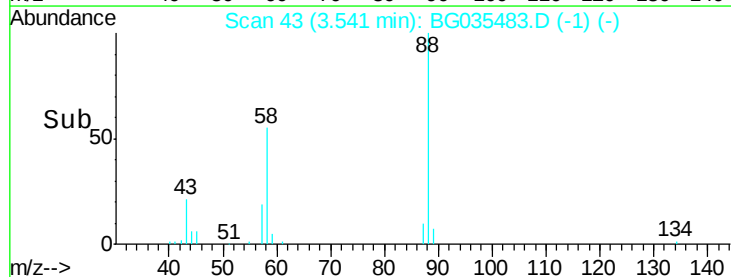
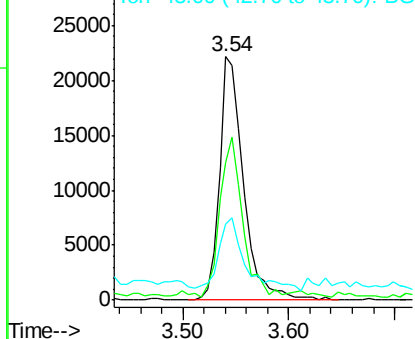
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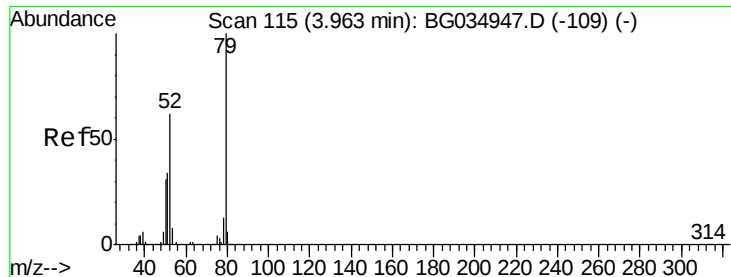
1,4-Dioxane
Concen: 18.213 ng
RT: 3.54 min Scan# 43
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion: 88 Resp: 35061
Ion Ratio Lower Upper
88 100
58 62.9 79.6 119.4#
43 32.6 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

Pyridine

Concen: 19.699 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

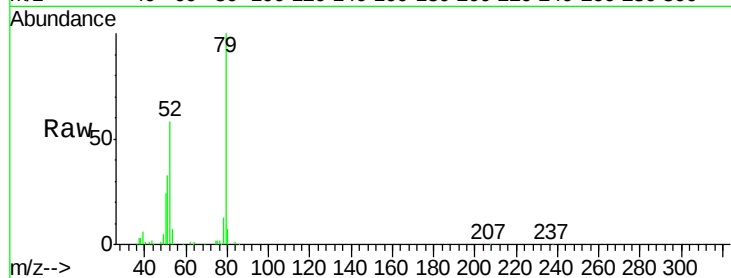
Tgt Ion: 79 Resp: 102321

Ion Ratio Lower Upper

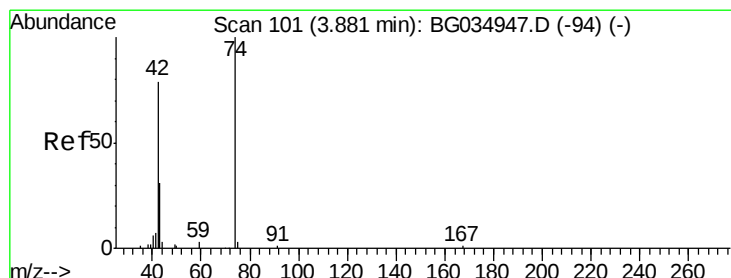
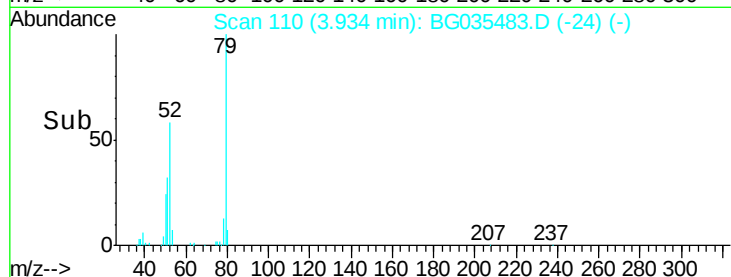
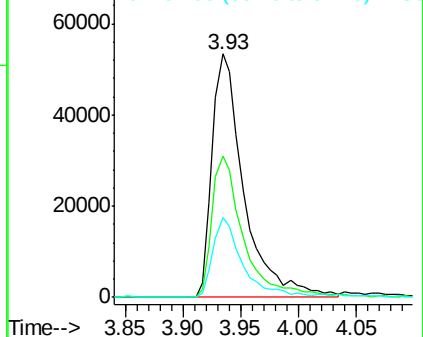
79 100

52 58.2 69.9 104.9#

51 32.5 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: 19.655 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

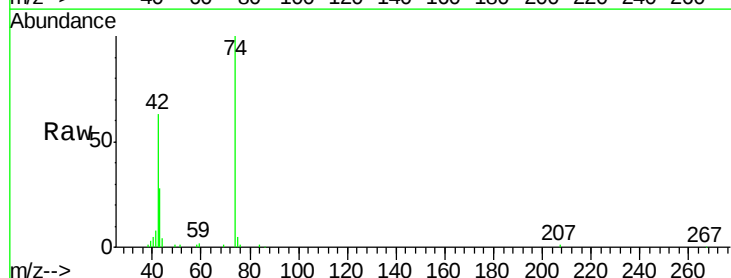
Tgt Ion: 42 Resp: 43859

Ion Ratio Lower Upper

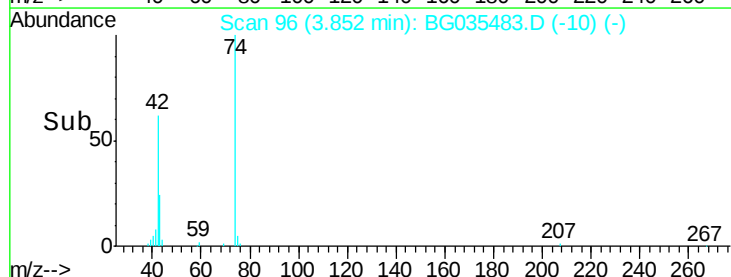
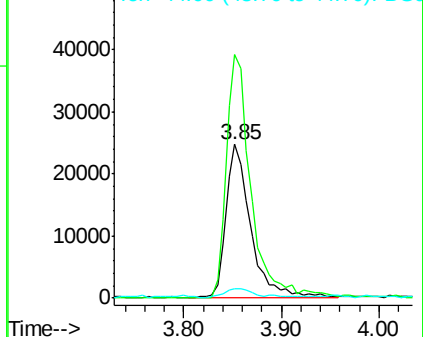
42 100

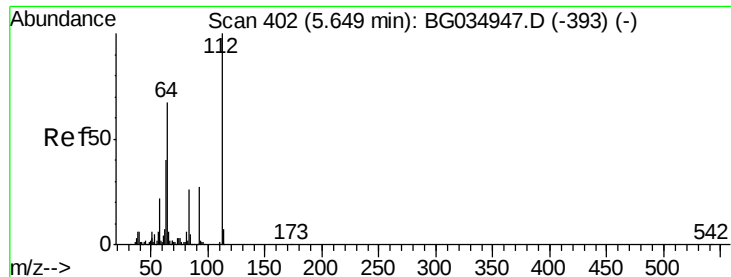
74 158.6 102.5 153.7#

44 6.4 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: 82.425 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

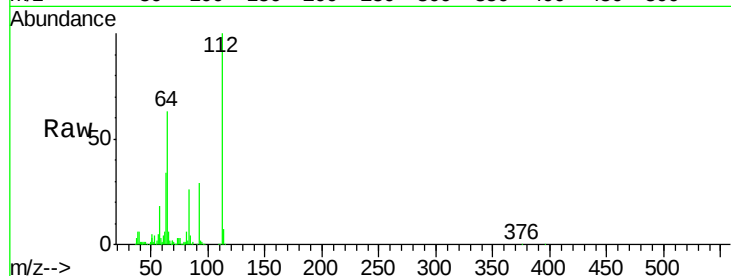
Tgt Ion: 112 Resp: 332572

Ion Ratio Lower Upper

112 100

64 62.6 56.3 84.5

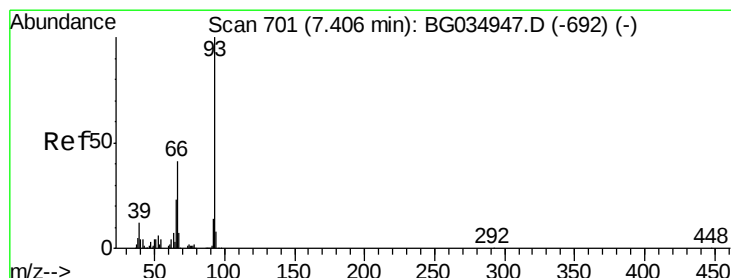
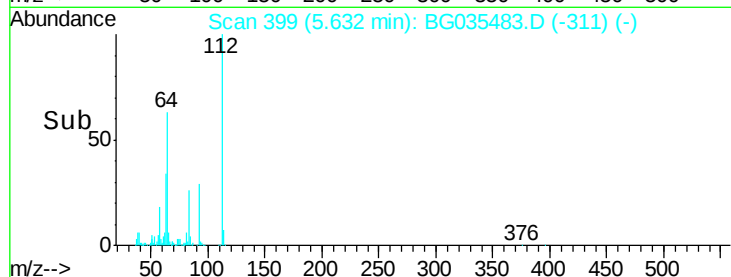
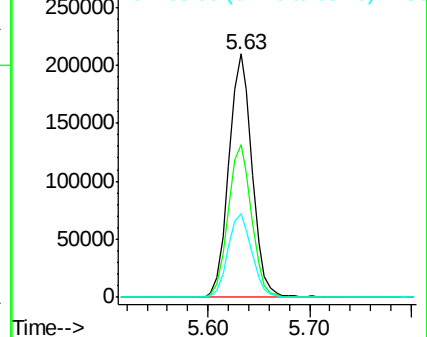
63 34.3 30.1 45.1



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: 12.594 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

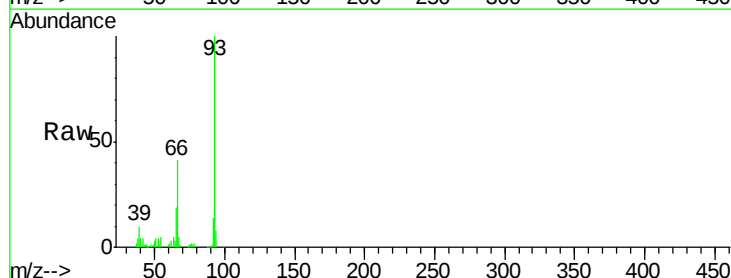
Tgt Ion: 93 Resp: 96944

Ion Ratio Lower Upper

93 100

66 41.1 33.7 50.5

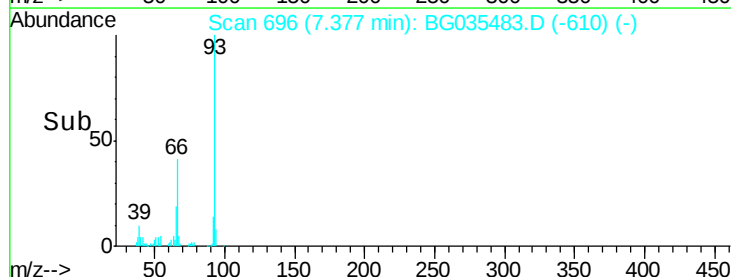
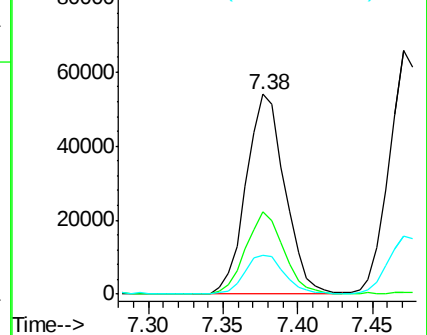
65 19.2 16.1 24.1

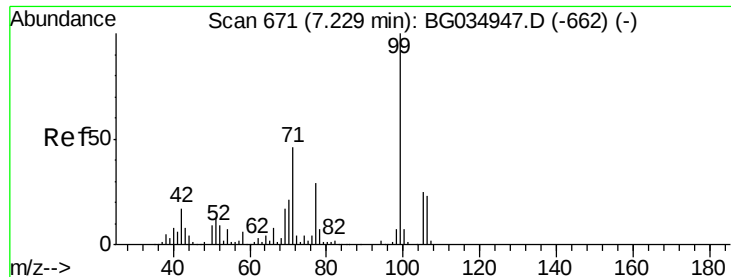


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.169 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

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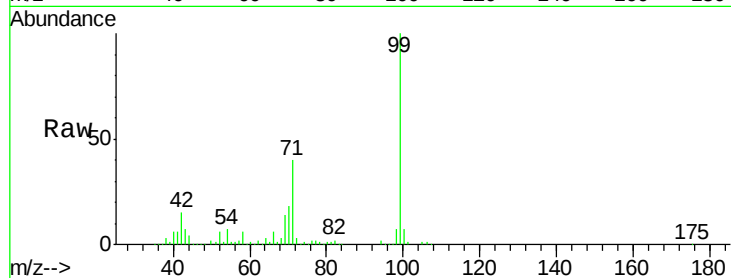
Tgt Ion: 99 Resp: 495283

Ion Ratio Lower Upper

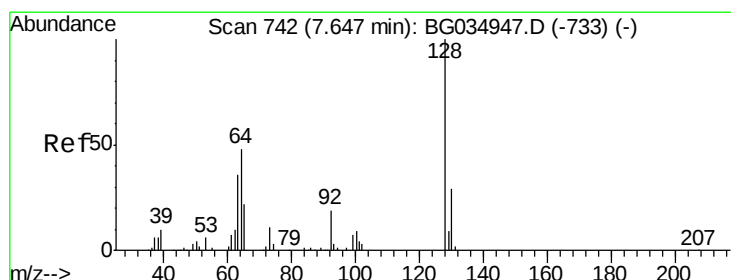
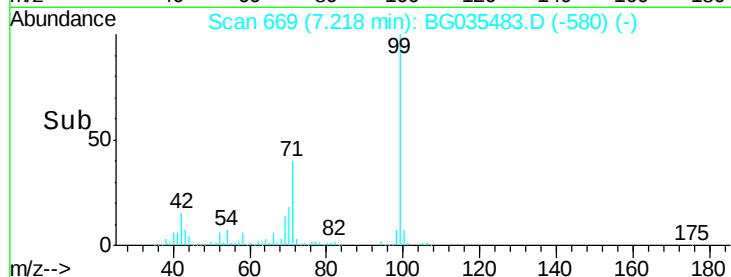
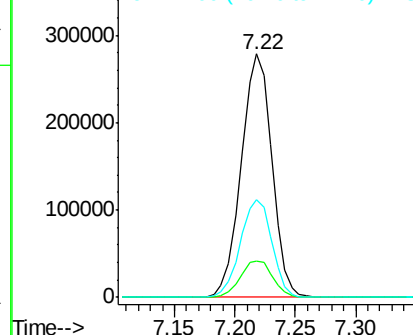
99 100

42 15.0 14.1 21.1

71 40.3 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: 25.455 ng

RT: 7.62 min Scan# 737

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

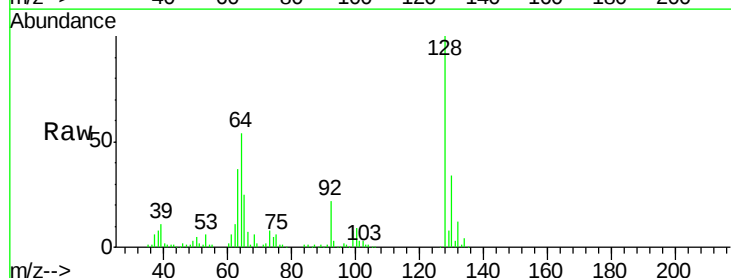
Tgt Ion: 128 Resp: 107659

Ion Ratio Lower Upper

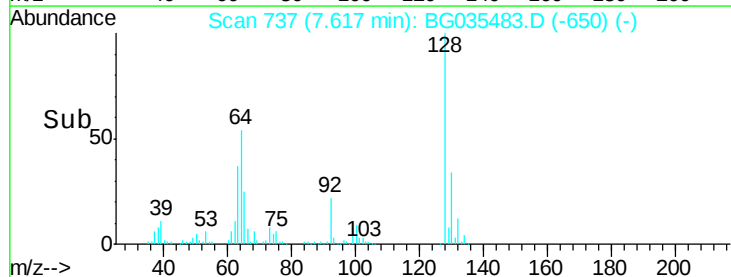
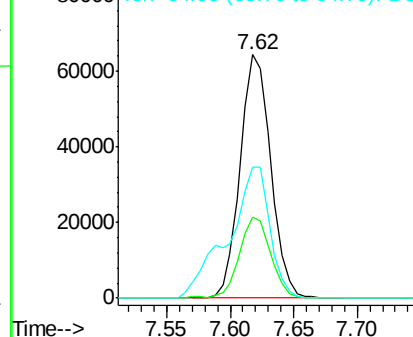
128 100

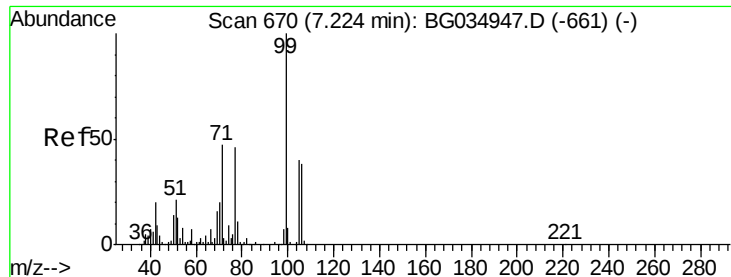
130 33.5 14.0 54.0

64 53.7 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: 17.955 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

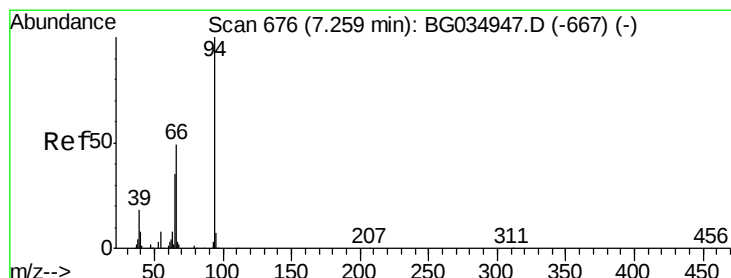
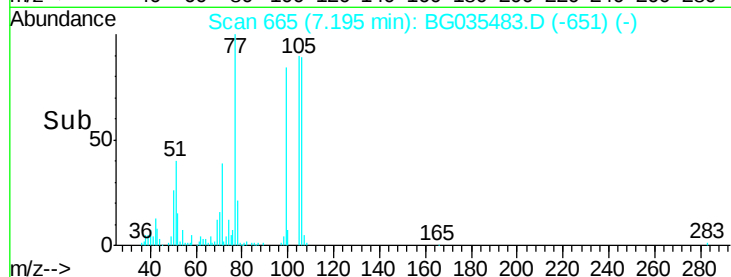
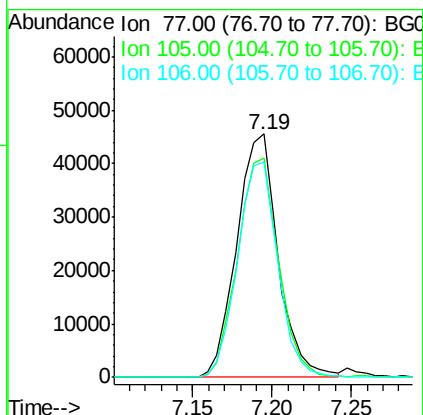
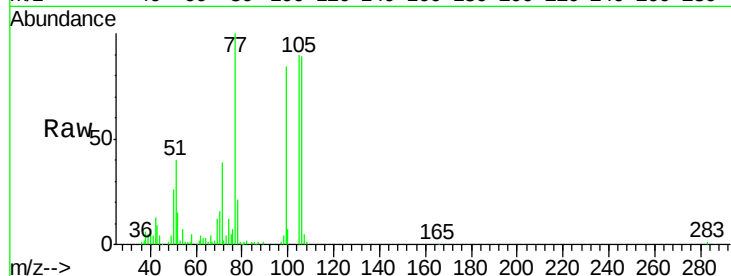
Tgt Ion: 77 Resp: 82360

Ion Ratio Lower Upper

77 100

105 90.3 71.3 111.3

106 88.5 64.2 104.2



#10

Phenol

Concen: 26.449 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

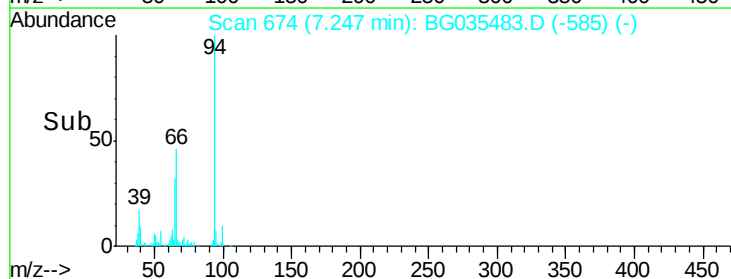
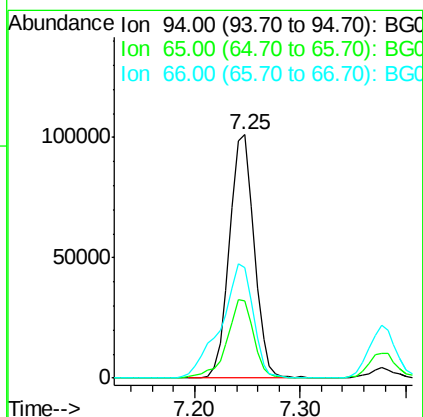
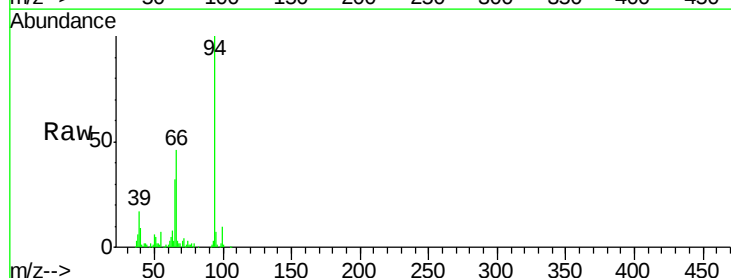
Tgt Ion: 94 Resp: 163000

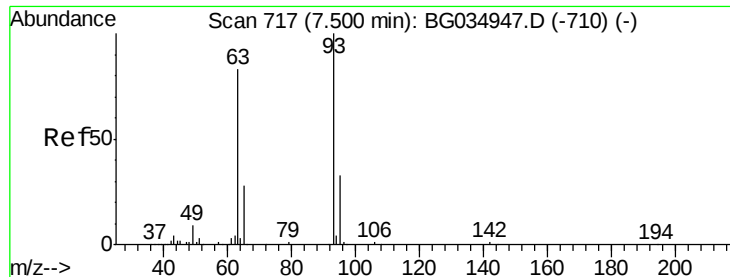
Ion Ratio Lower Upper

94 100

65 31.7 11.9 51.9

66 45.6 22.2 62.2

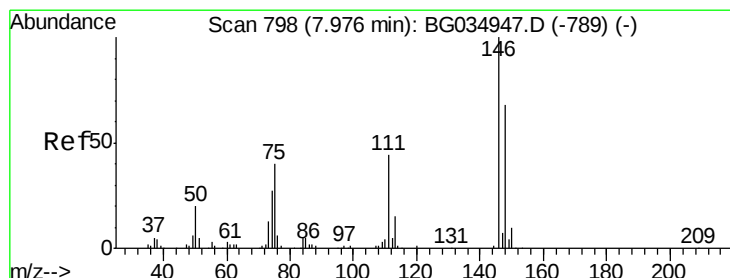
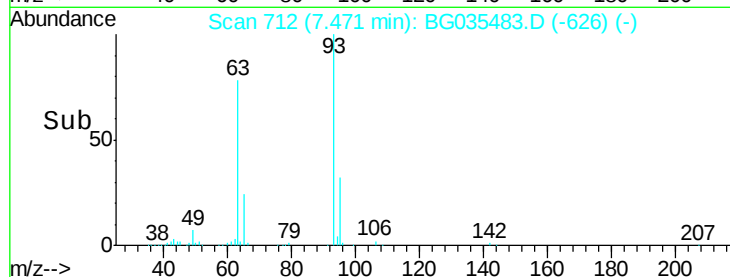
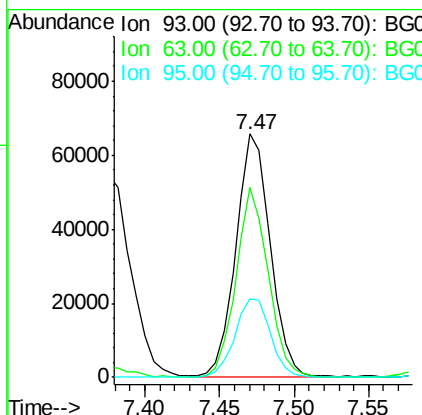
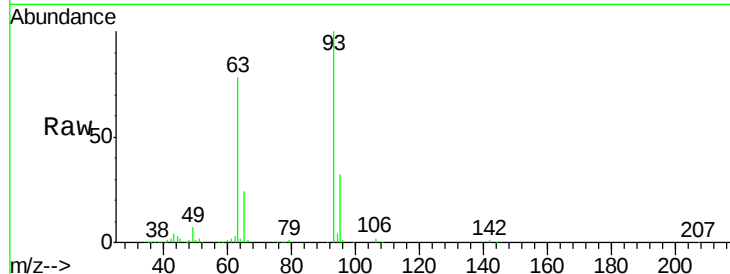




#11
bis(2-Chloroethyl)ether
Concen: 21.863 ng
RT: 7.47 min Scan# 712
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

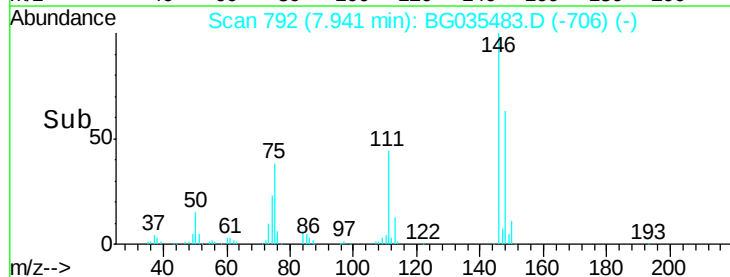
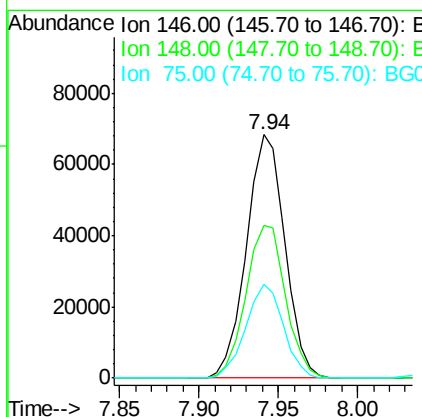
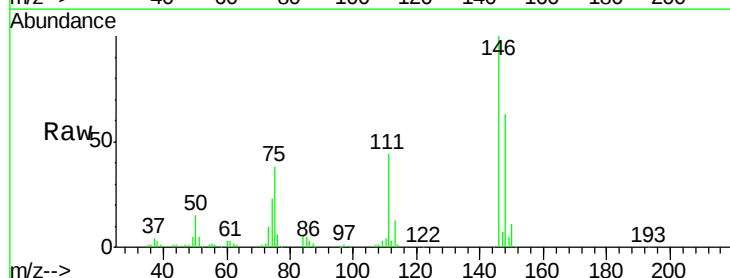
Instrument :
BNA_G
ClientSampleId :
PB110650BS

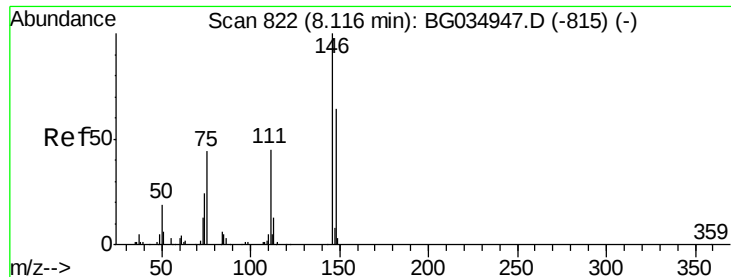
Tgt Ion: 93 Resp: 104578
Ion Ratio Lower Upper
93 100
63 78.2 67.1 107.1
95 32.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 22.835 ng
RT: 7.94 min Scan# 792
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion: 146 Resp: 115229
Ion Ratio Lower Upper
146 100
148 62.5 51.4 77.2
75 38.4 26.6 39.8

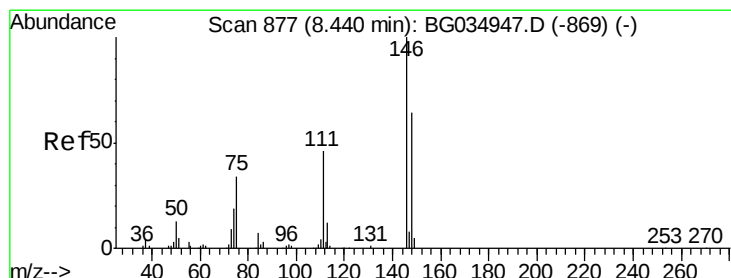
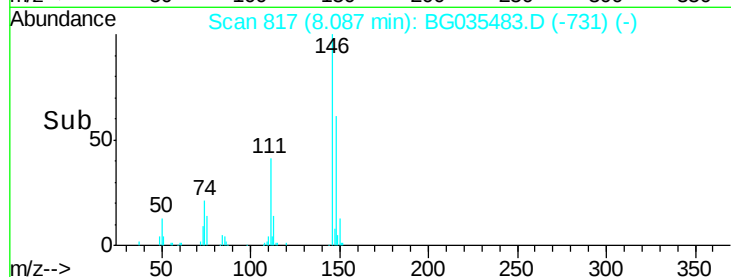
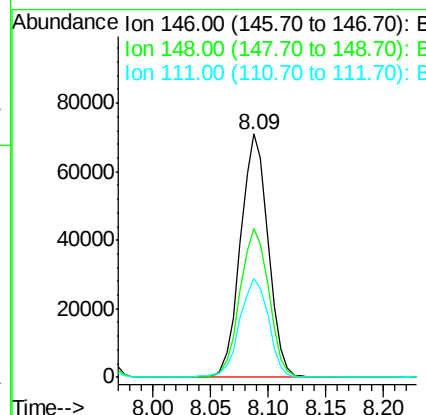
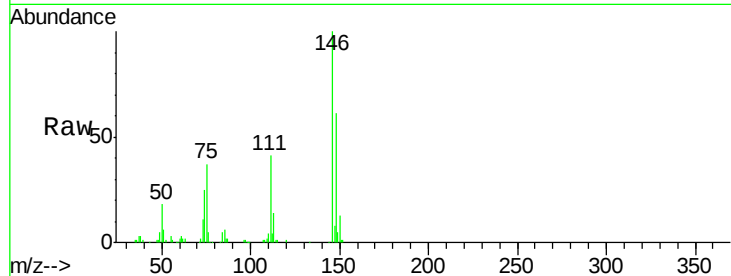




#13
 1,4-Dichlorobenzene
 Concen: 22.590 ng
 RT: 8.09 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

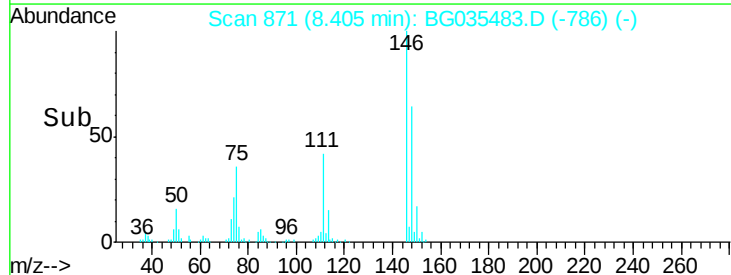
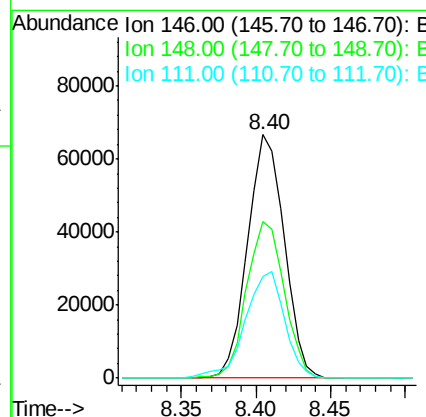
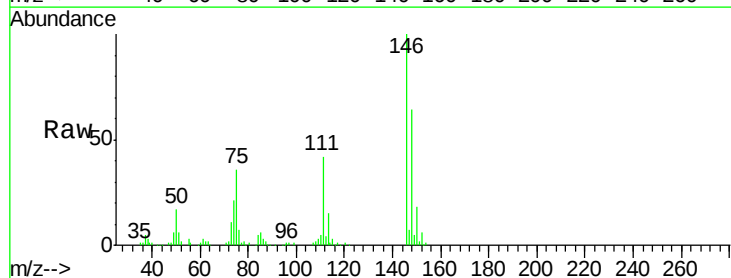
Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

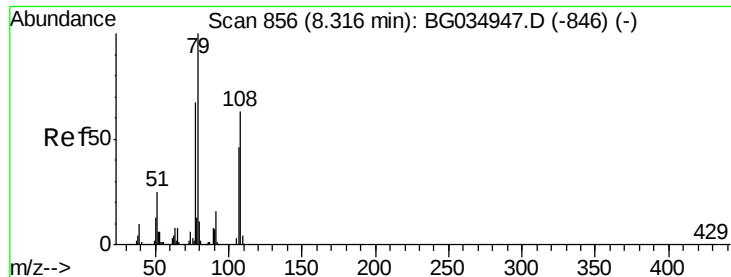
Tgt Ion:146 Resp: 117678
 Ion Ratio Lower Upper
 146 100
 148 61.4 53.7 80.5
 111 40.8 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 23.097 ng
 RT: 8.40 min Scan# 871
 Delta R.T. -0.03 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Tgt Ion:146 Resp: 113015
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.3 73.9
 111 41.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 22.449 ng

RT: 8.29 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

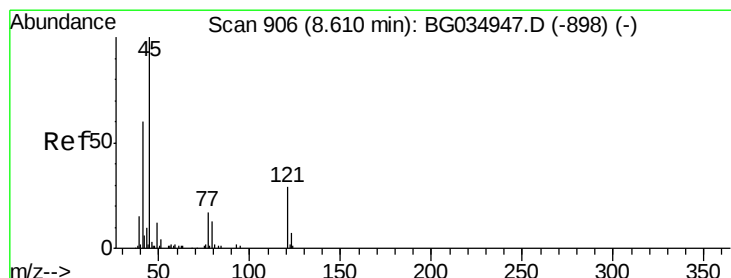
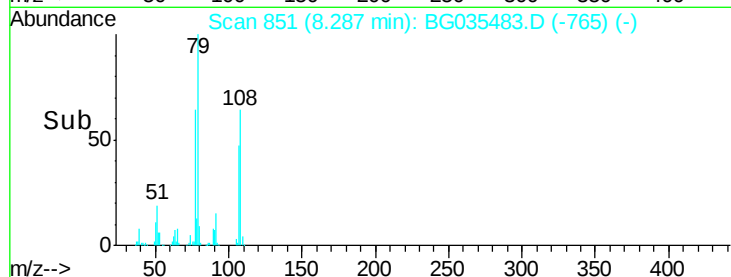
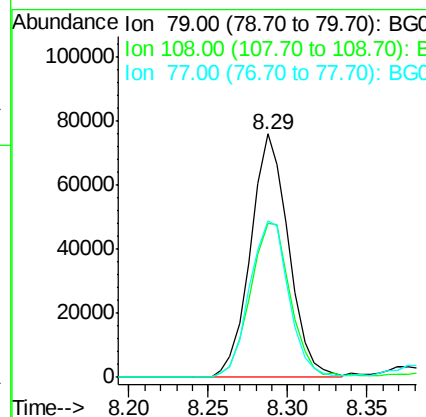
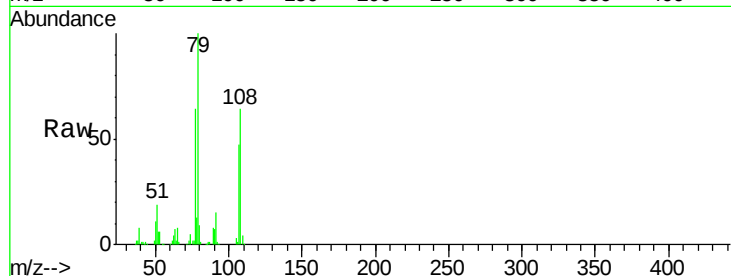
Tgt Ion: 79 Resp: 126677

Ion Ratio Lower Upper

79 100

108 63.5 57.2 85.8

77 64.3 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.973 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

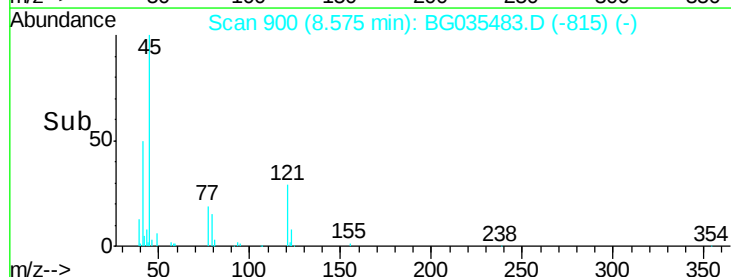
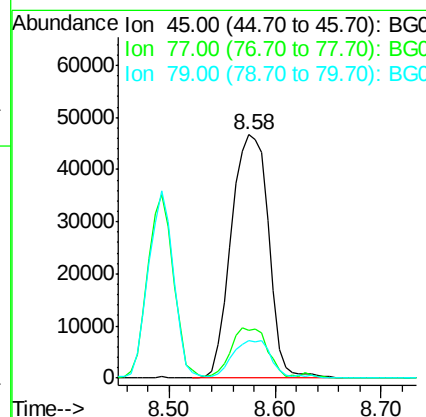
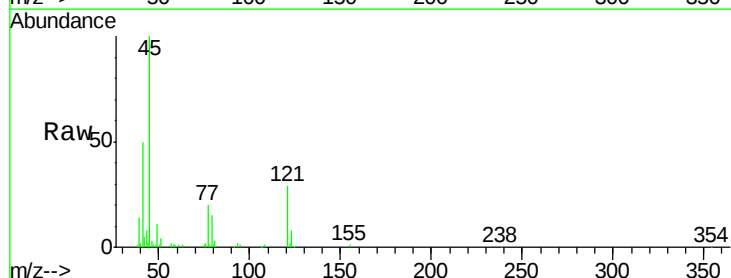
Tgt Ion: 45 Resp: 114136

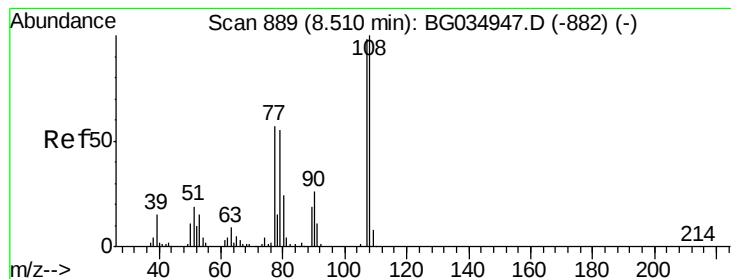
Ion Ratio Lower Upper

45 100

77 19.6 0.0 30.2

79 15.3 0.0 27.9





#17

2-Methylphenol

Concen: 26.806 ng

RT: 8.49 min Scan# 886

Delta R.T. -0.01 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

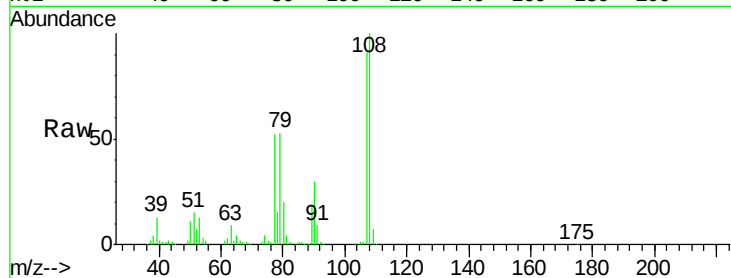
Instrument :

BNA_G

ClientSampleId :

PB110650BS

Tgt Ion:	107	Resp:	108916
Ion	Ratio	Lower	Upper
107	100		
108	110.0	83.9	125.9
77	57.3	37.2	55.8#
79	58.2	36.2	54.2#



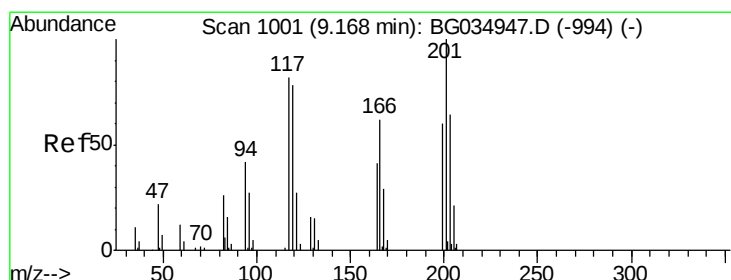
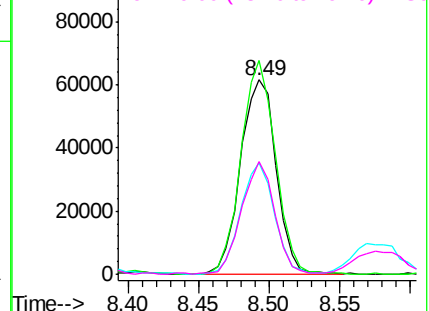
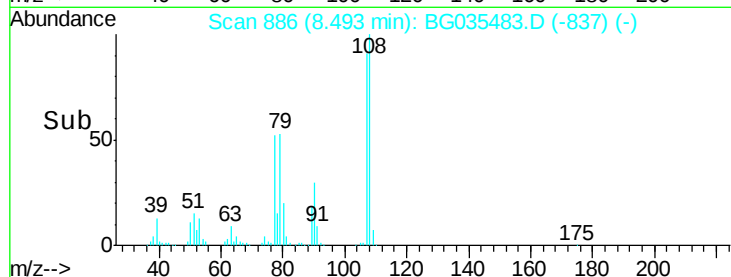
Abundance

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: 23.417 ng

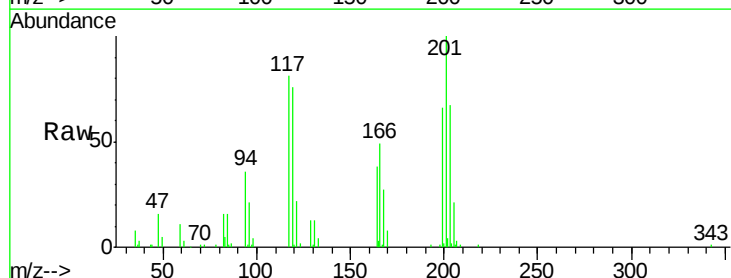
RT: 9.13 min Scan# 995

Delta R.T. -0.03 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Tgt Ion:	117	Resp:	43671
Ion	Ratio	Lower	Upper
117	100		
119	93.1	76.7	115.1
201	123.3	95.7	143.5

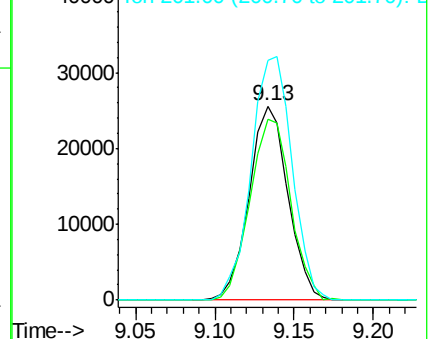
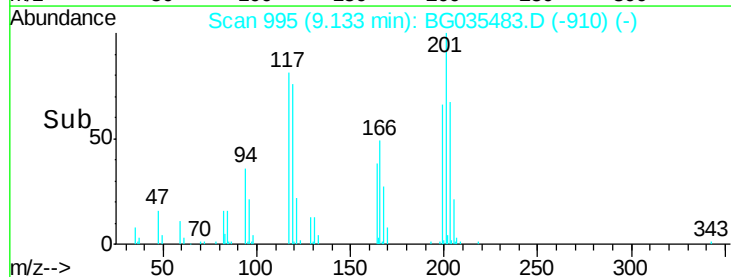


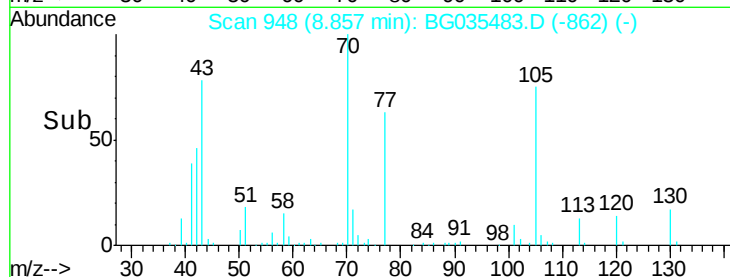
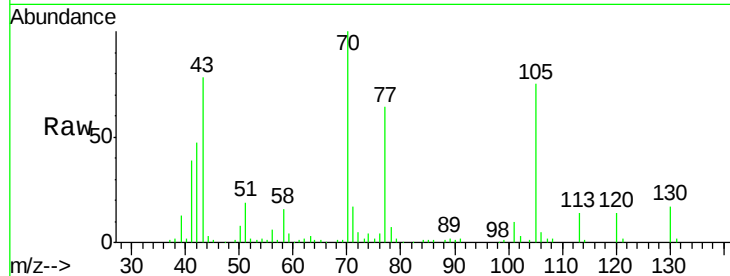
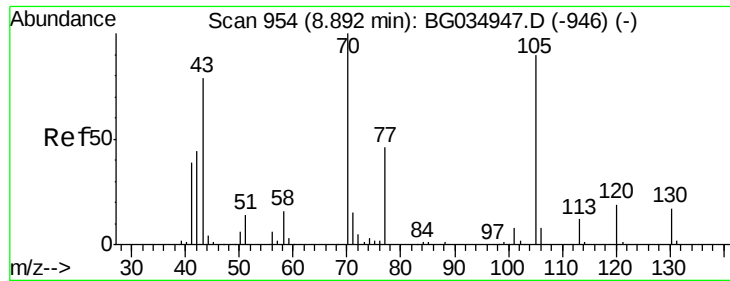
Abundance

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

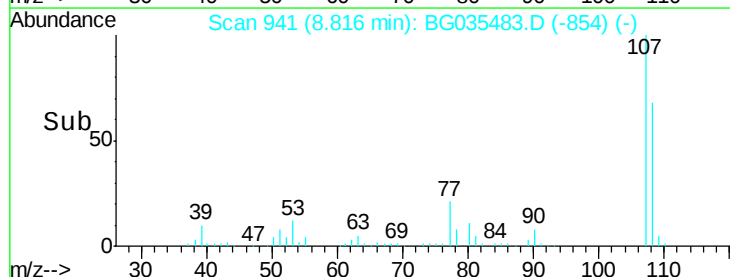
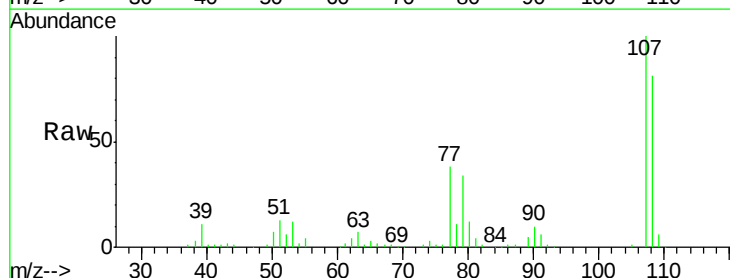
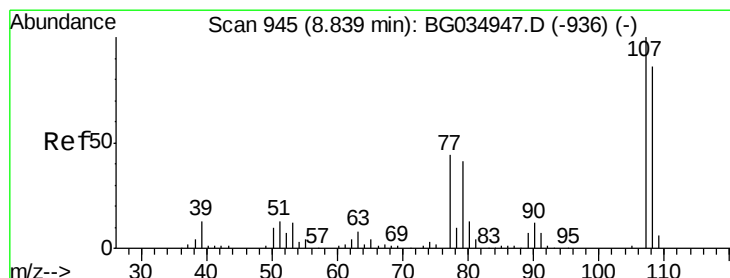
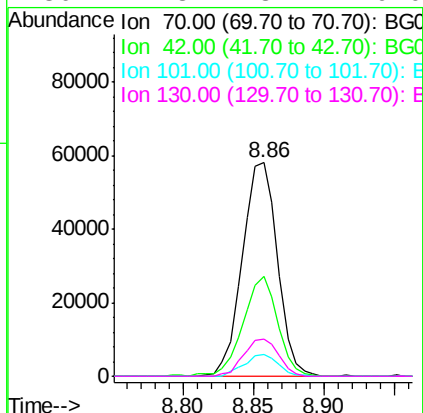




#19
n-Nitroso-di-n-propylamine
Concen: 20.008 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

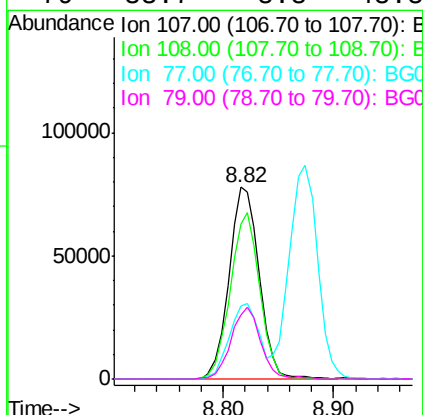
Instrument :
BNA_G
ClientSampleId :
PB110650BS

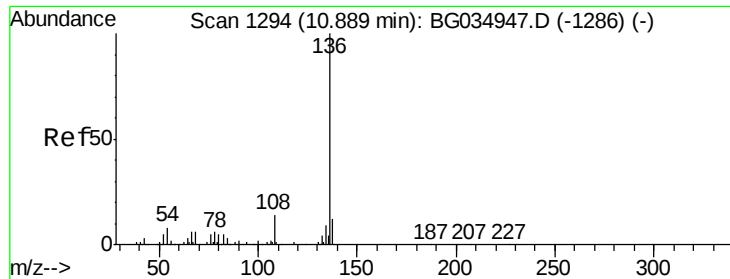
Tgt Ion: 70 Resp: 101226
Ion Ratio Lower Upper
70 100
42 46.5 49.1 73.7#
101 10.4 8.5 12.7
130 17.3 13.4 20.0



#20
3+4-Methylphenols
Concen: 25.559 ng
RT: 8.82 min Scan# 941
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion: 107 Resp: 148855
Ion Ratio Lower Upper
107 100
108 80.8 61.6 101.6
77 38.1 13.9 53.9
79 33.7 8.8 48.8

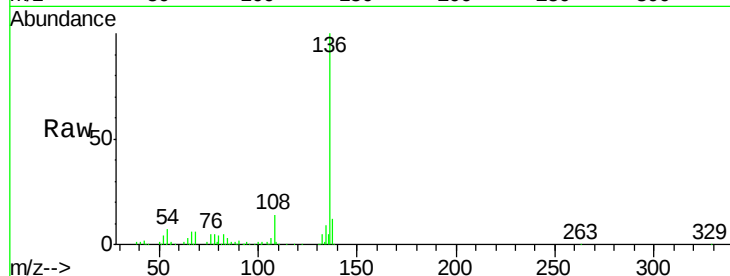




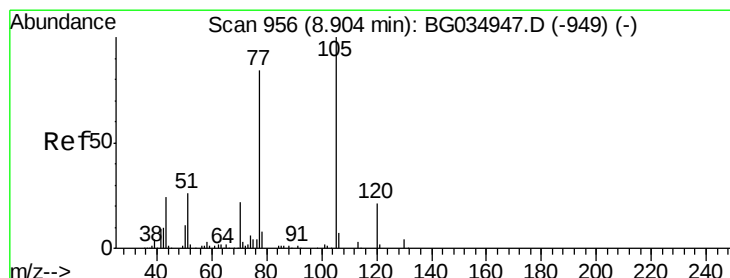
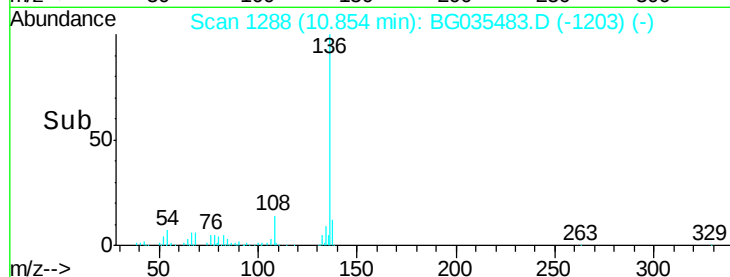
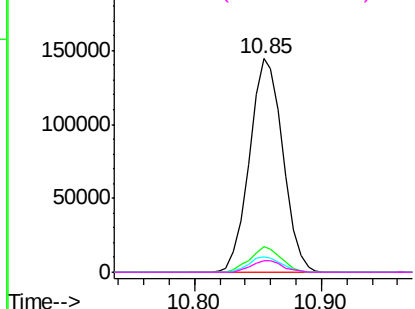
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Instrument :
BNA_G
ClientSampleId :
PB110650BS

Tgt Ion:	136	Resp:	263243
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.2	13.8
54	7.0	10.3	15.5#
68	5.6	4.5	6.7

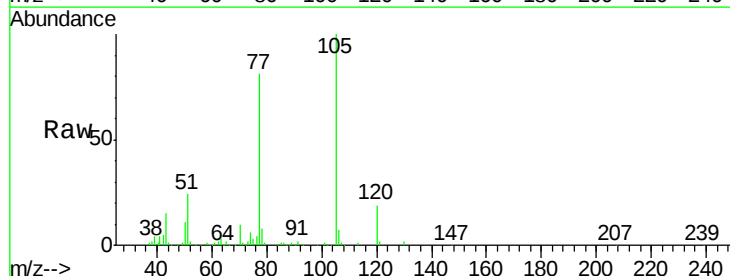


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

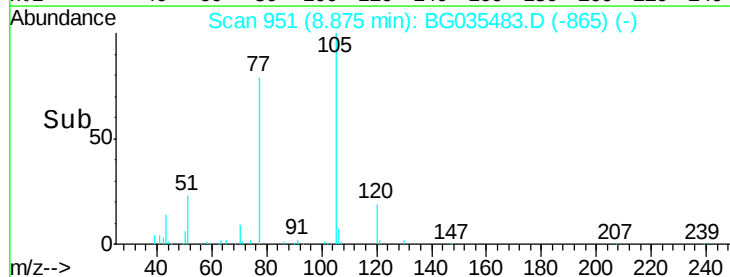
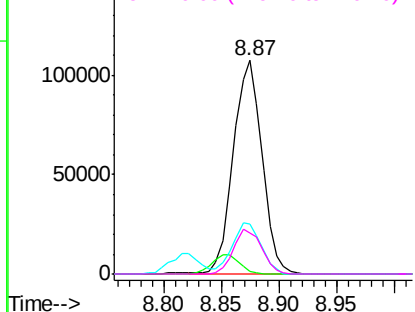


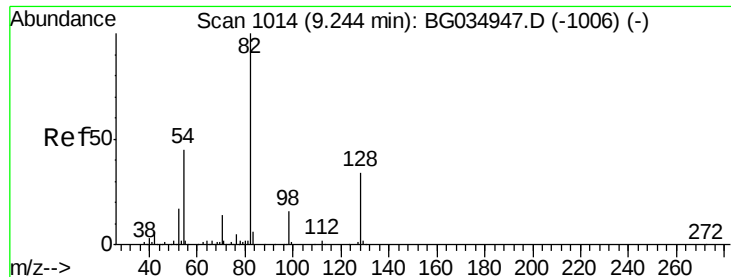
#22
Acetophenone
Concen: 22.806 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion:	105	Resp:	185972
Ion	Ratio	Lower	Upper
105	100		
71	1.5	3.0	4.4#
51	23.7	26.1	39.1#
120	19.4	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





#23

Nitrobenzene-d5

Concen: 55.866 ng

RT: 9.22 min Scan# 1009

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

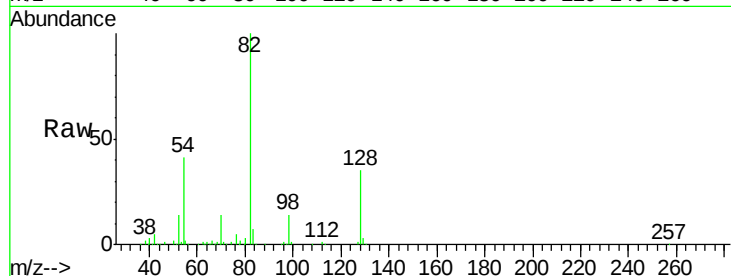
Tgt Ion: 82 Resp: 309383

Ion Ratio Lower Upper

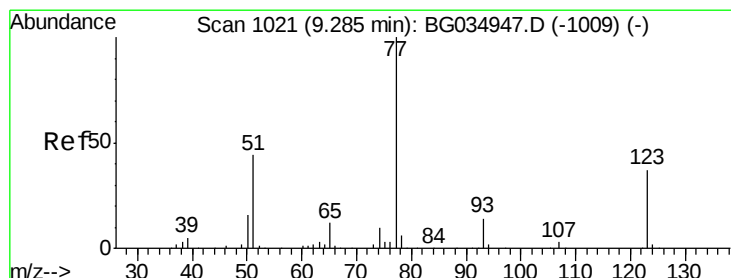
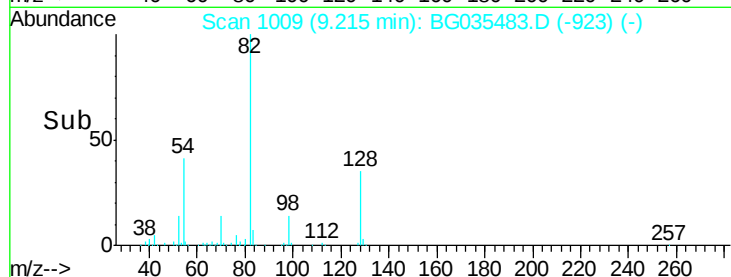
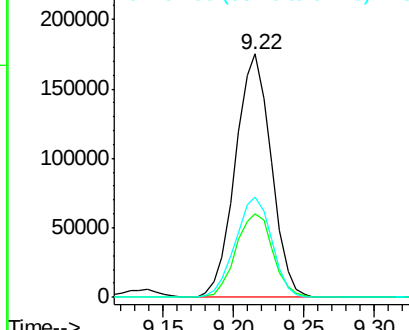
82 100

128 34.6 29.7 44.5

54 41.3 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 25.985 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

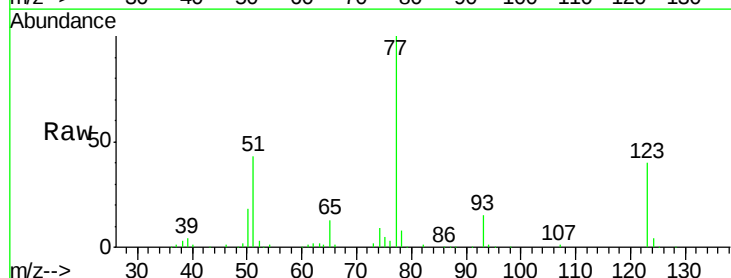
Tgt Ion: 77 Resp: 147361

Ion Ratio Lower Upper

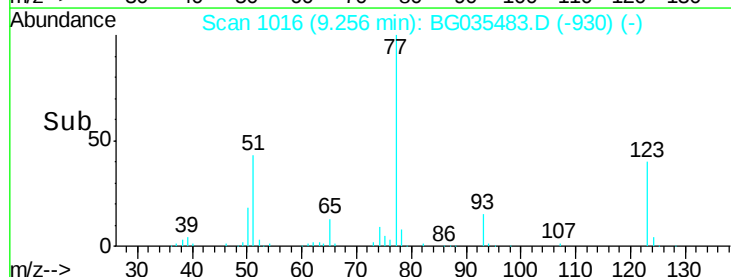
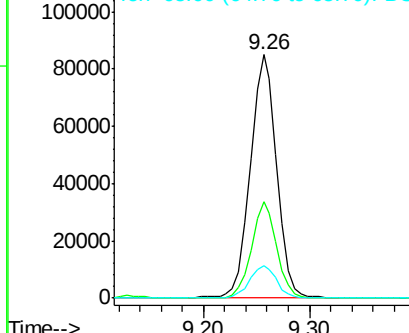
77 100

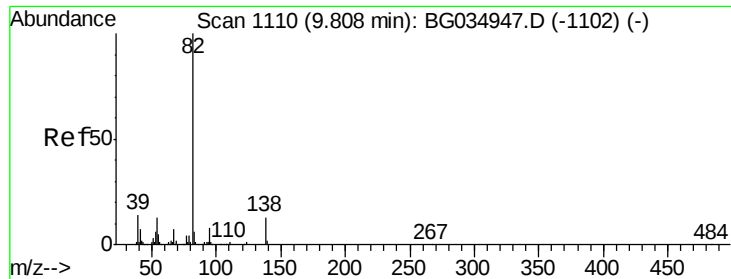
123 39.7 33.0 49.6

65 13.4 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 24.132 ng

RT: 9.78 min Scan# 1105

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

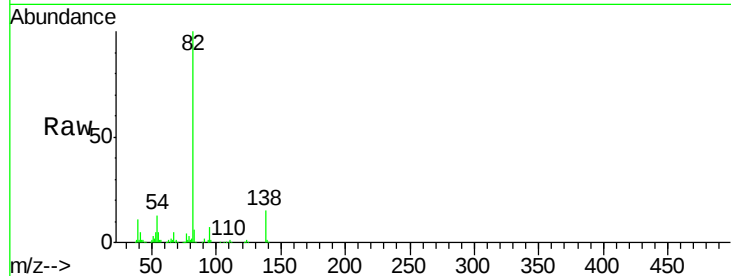
Tgt Ion: 82 Resp: 282164

Ion Ratio Lower Upper

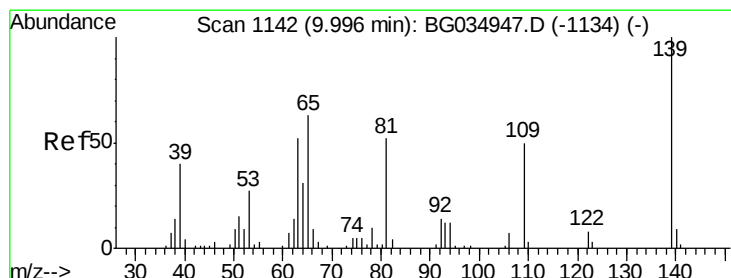
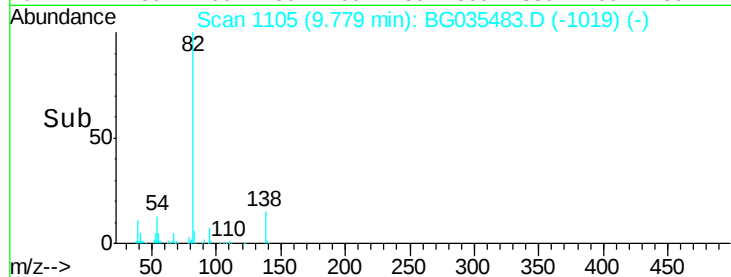
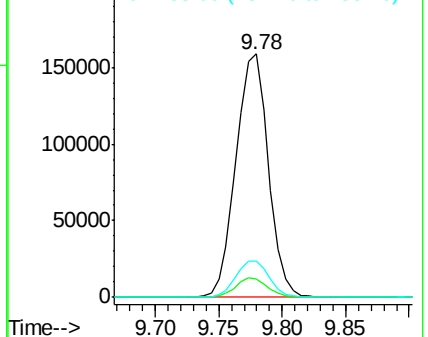
82 100

95 7.4 6.2 9.2

138 14.8 12.1 18.1



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



#26

2-Nitrophenol

Concen: 31.456 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

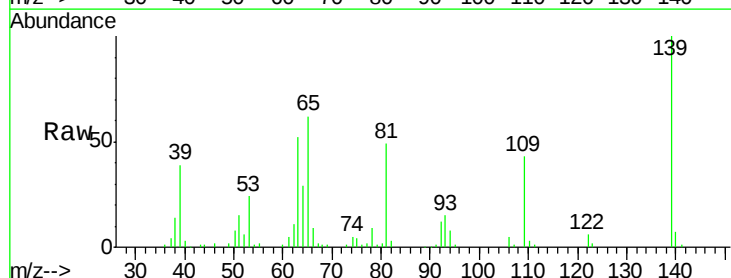
Tgt Ion: 139 Resp: 61487

Ion Ratio Lower Upper

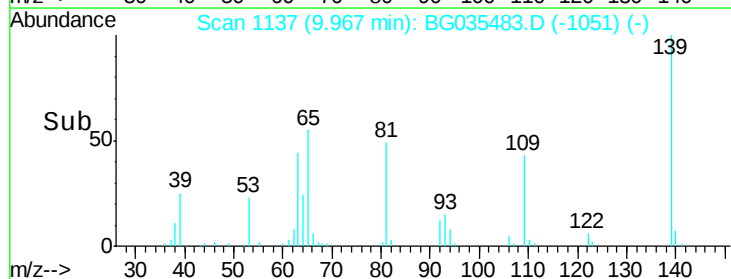
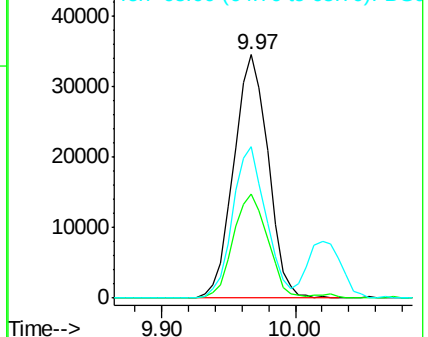
139 100

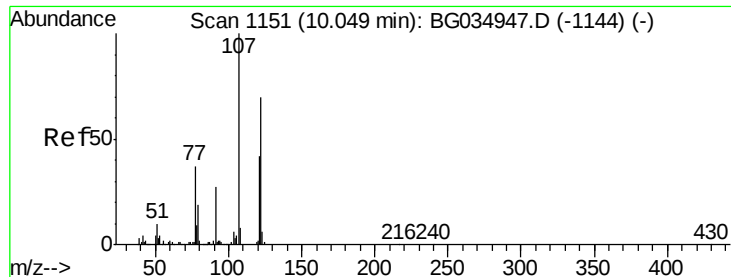
109 42.9 24.2 36.2#

65 62.1 47.4 71.0



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

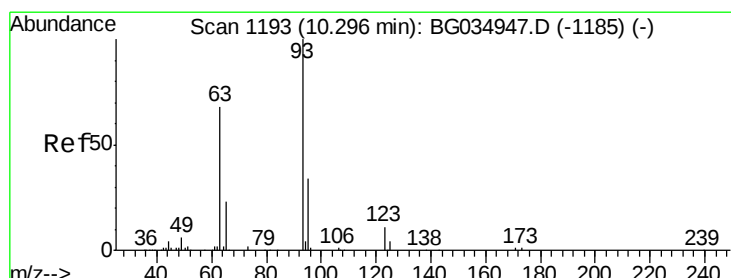
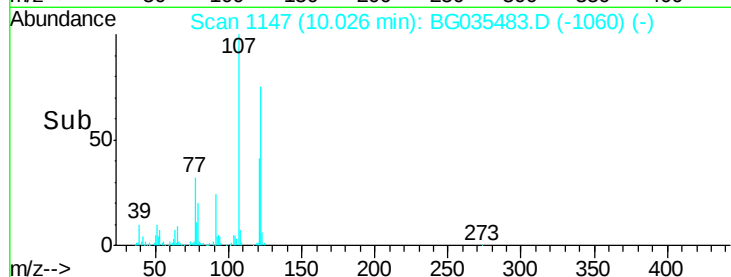
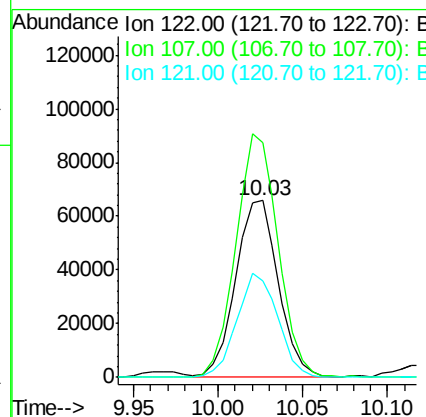
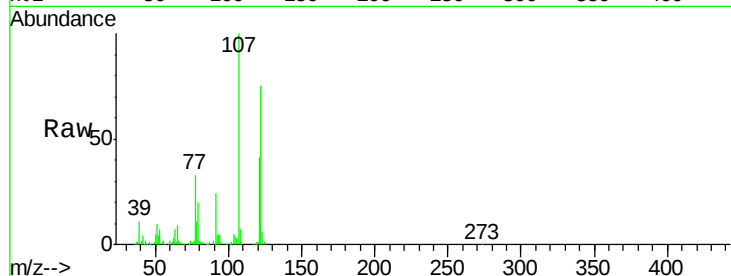




#27
2,4-Dimethylphenol
Concen: 27.738 ng
RT: 10.03 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

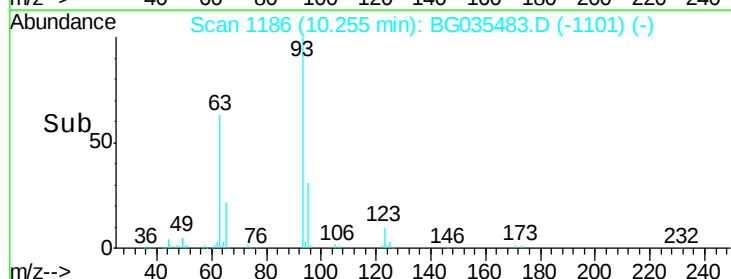
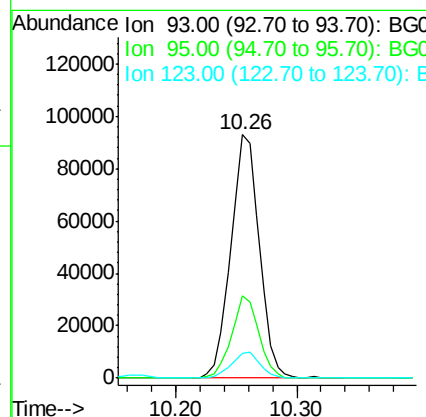
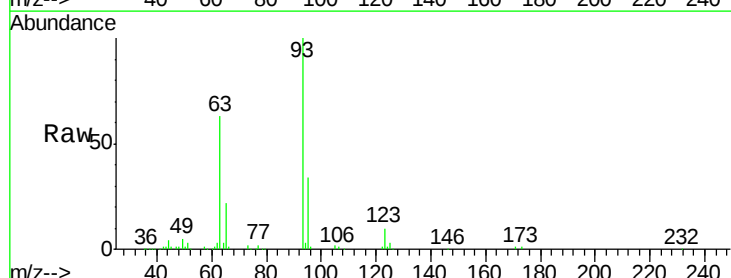
Instrument :
BNA_G
ClientSampleId :
PB110650BS

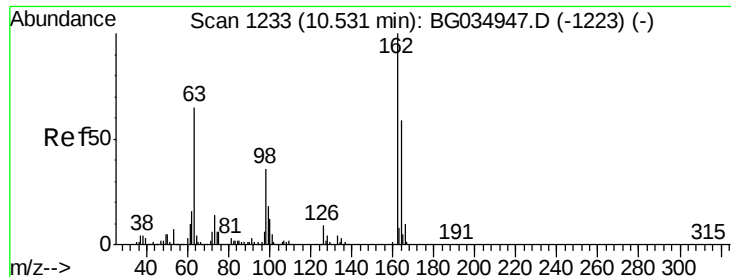
Tgt Ion: 122 Resp: 113969
Ion Ratio Lower Upper
122 100
107 132.6 100.2 150.2
121 54.3 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 24.204 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.03 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion: 93 Resp: 152081
Ion Ratio Lower Upper
93 100
95 34.0 24.3 36.5
123 10.3 8.4 12.6

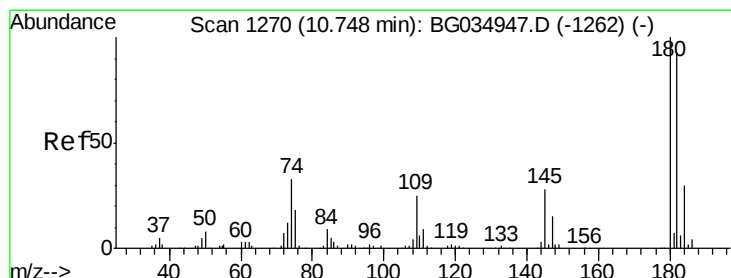
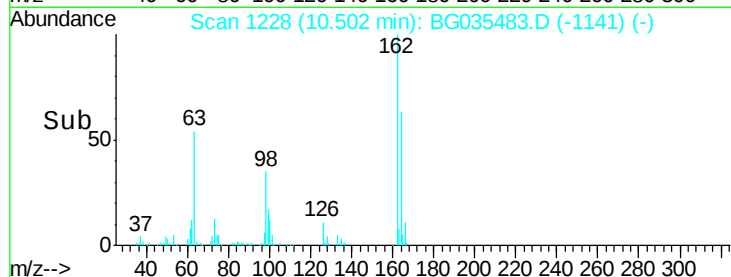
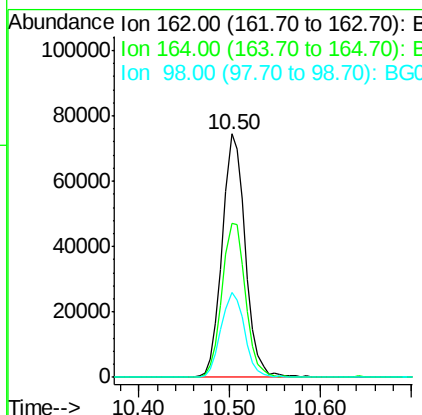
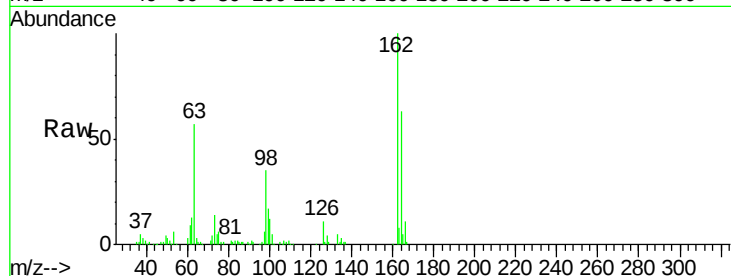




#29
2,4-Dichlorophenol
Concen: 29.496 ng
RT: 10.50 min Scan# 1228
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

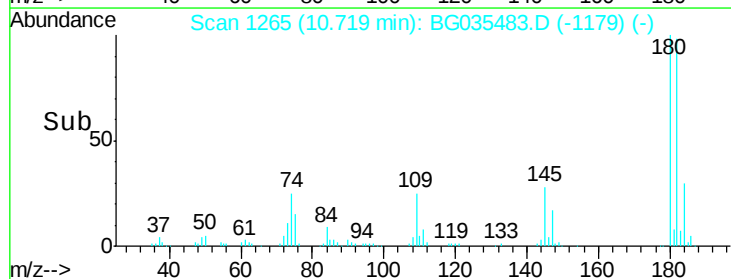
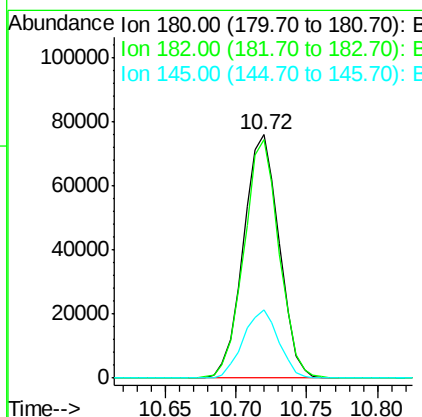
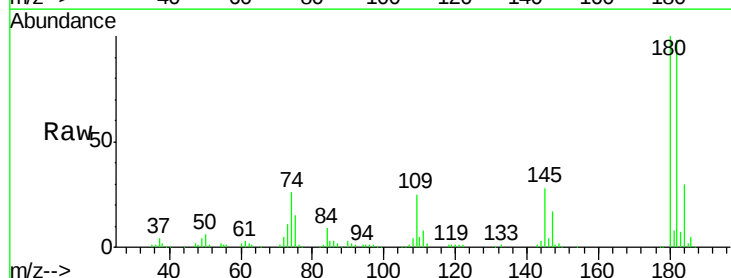
Instrument :
BNA_G
ClientSampleId :
PB110650BS

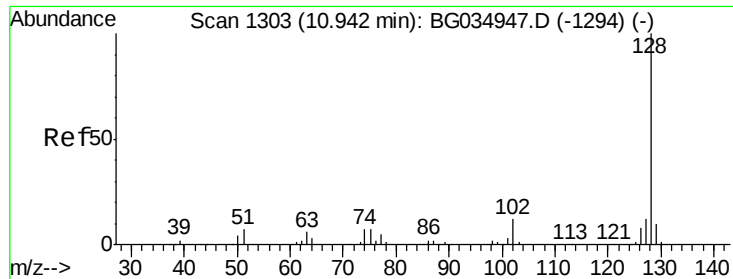
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.0	48.0	88.0
98	35.0	21.1	61.1



#30
1,2,4-Trichlorobenzene
Concen: 25.068 ng
RT: 10.72 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.7	77.5	116.3
145	27.8	23.4	35.2

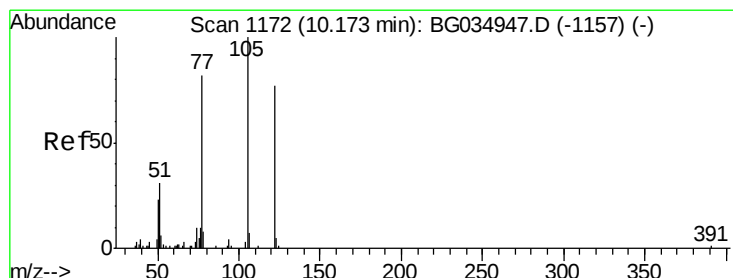
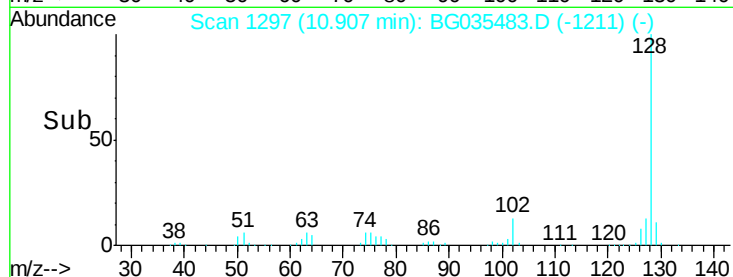
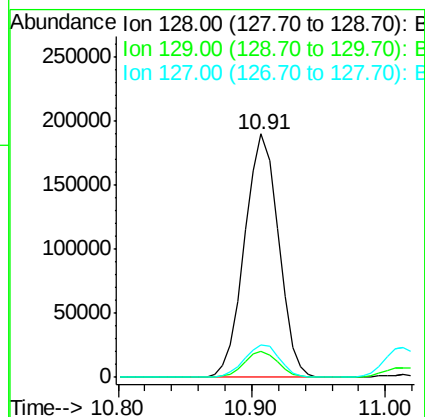
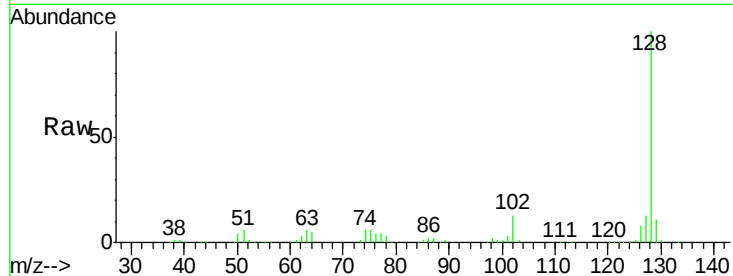




#31
Naphthalene
Concen: 24.401 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

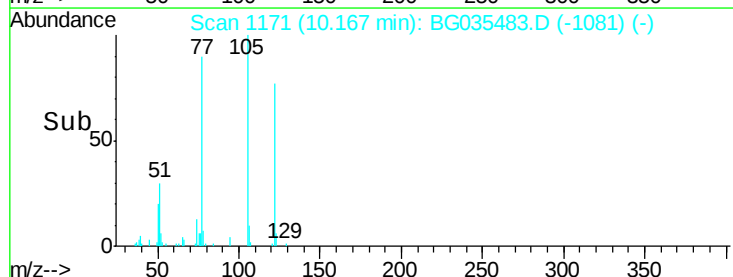
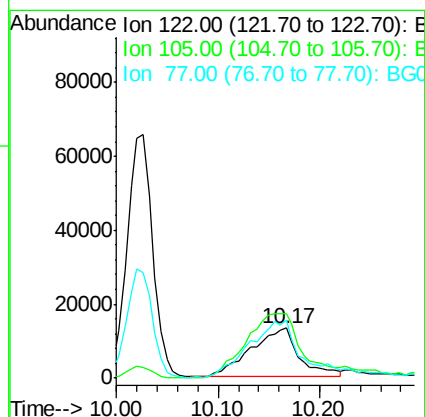
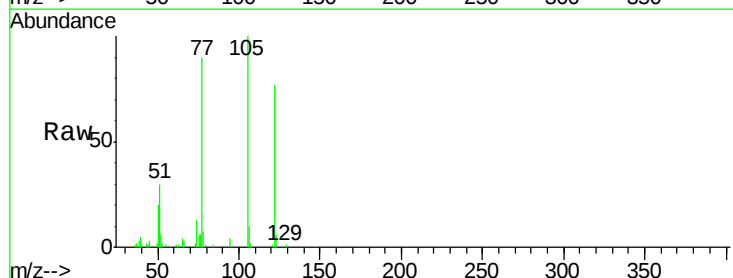
Instrument :
BNA_G
ClientSampleId :
PB110650BS

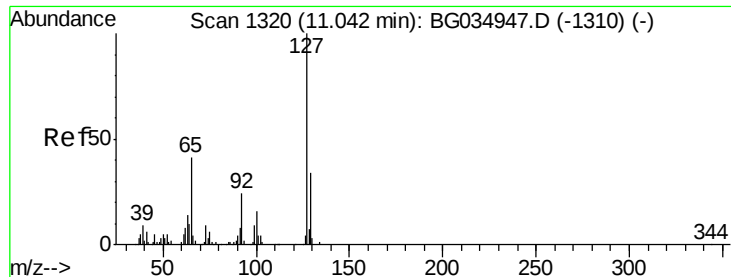
Tgt Ion:128 Resp: 333685
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 11.6 17.4



#32
Benzoic acid
Concen: 15.980 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion:122 Resp: 43978
Ion Ratio Lower Upper
122 100
105 129.0 123.5 163.5
77 116.7 85.7 125.7

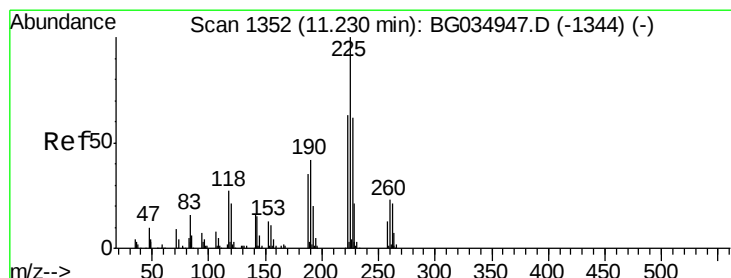
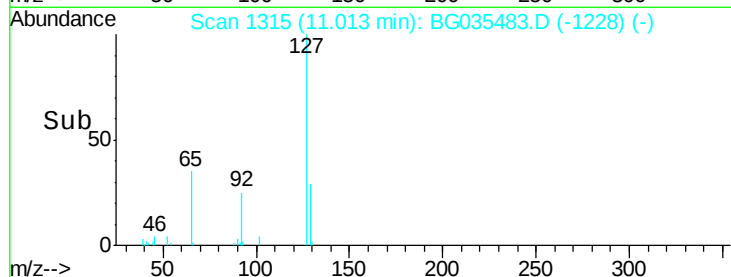
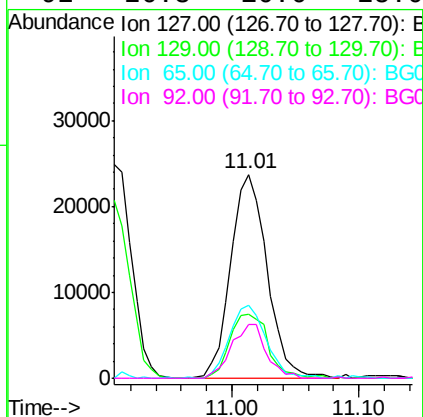
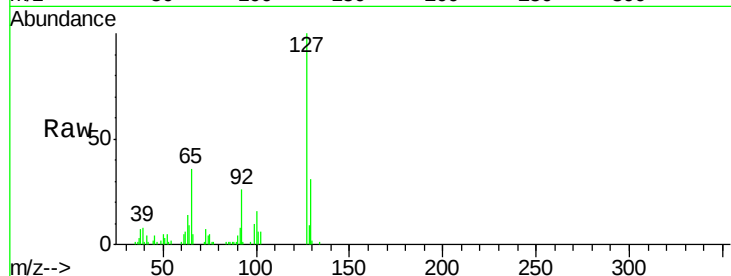




#33
4-Chloroaniline
Concen: 7.959 ng
RT: 11.01 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

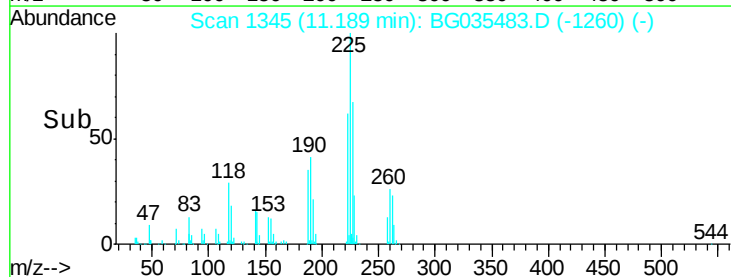
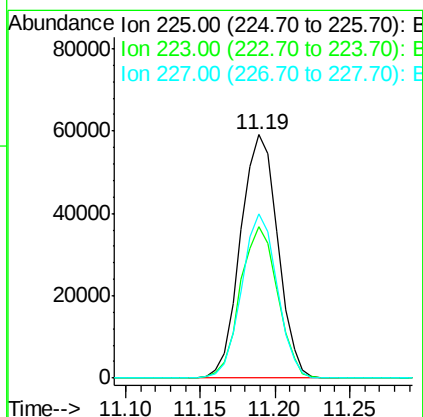
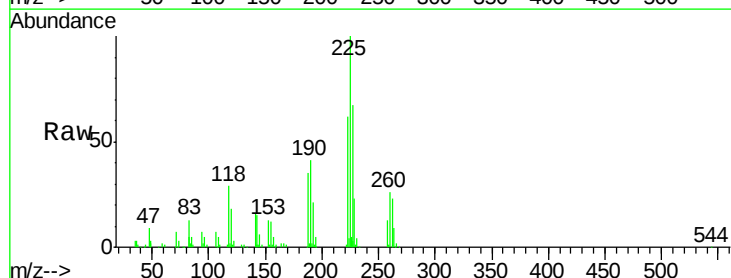
Instrument :
BNA_G
ClientSampleId :
PB110650BS

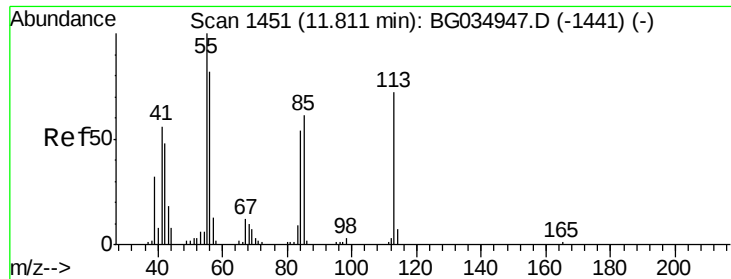
Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.0	36.0
65	35.6	27.0	40.4
92	26.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 24.486 ng
RT: 11.19 min Scan# 1345
Delta R.T. -0.03 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	49.7	74.5
227	67.3	48.1	72.1

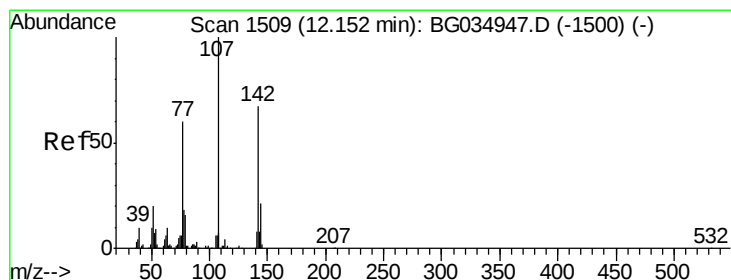
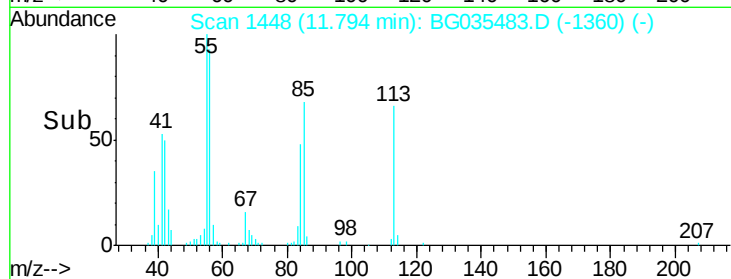
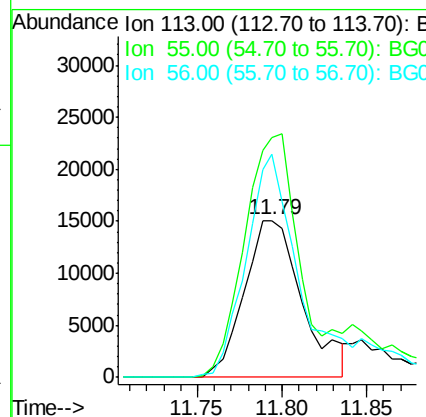
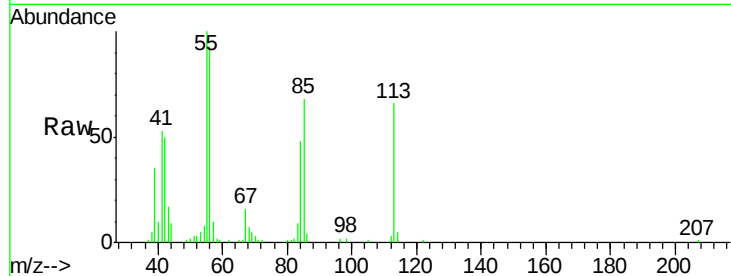




#35
 Caprolactam
 Concen: 21.766 ng
 RT: 11.79 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

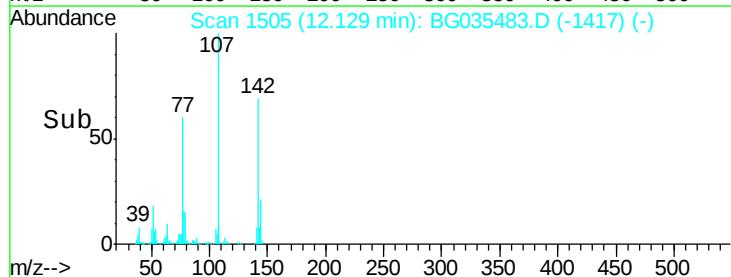
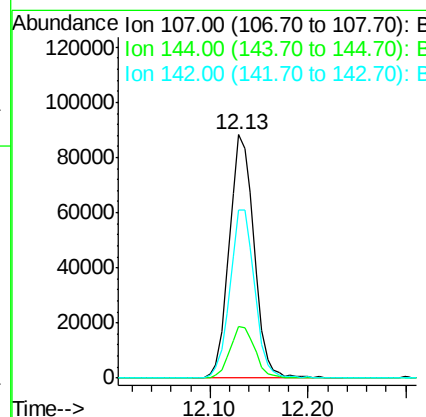
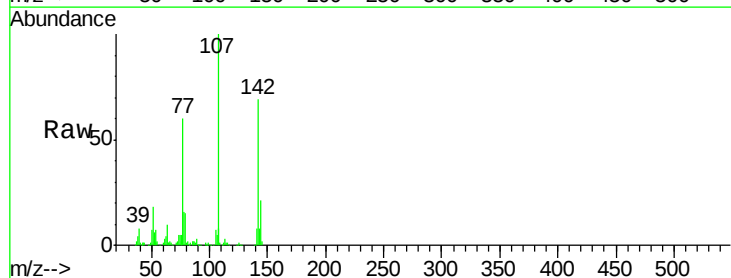
Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

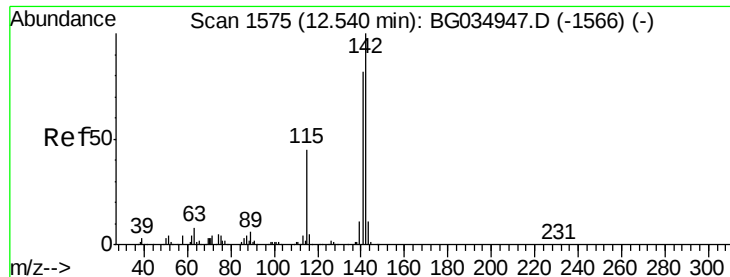
Tgt Ion:113 Resp: 35963
 Ion Ratio Lower Upper
 113 100
 55 152.5 186.9 226.9#
 56 141.8 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 27.906 ng
 RT: 12.13 min Scan# 1505
 Delta R.T. -0.01 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Tgt Ion:107 Resp: 155519
 Ion Ratio Lower Upper
 107 100
 144 21.3 18.2 27.4
 142 69.0 59.0 88.4

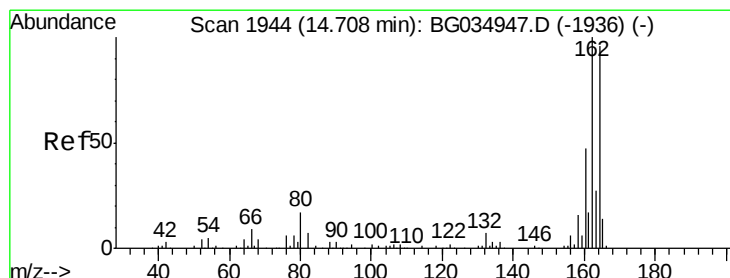
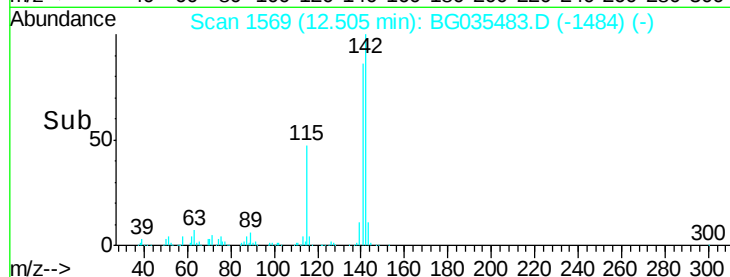
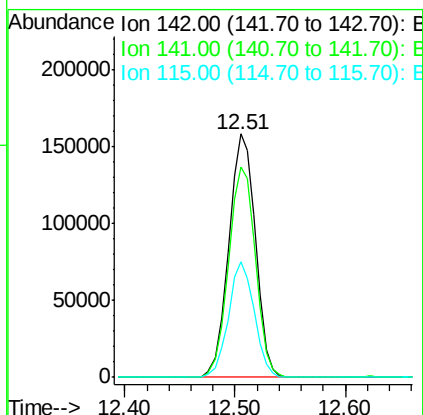
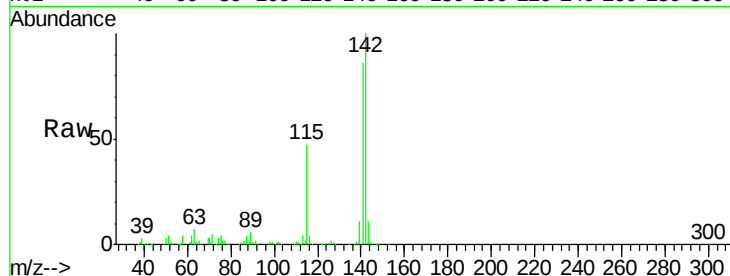




#37
 2-Methylnaphthalene
 Concen: 25.838 ng
 RT: 12.51 min Scan# 1569
 Delta R.T. -0.03 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

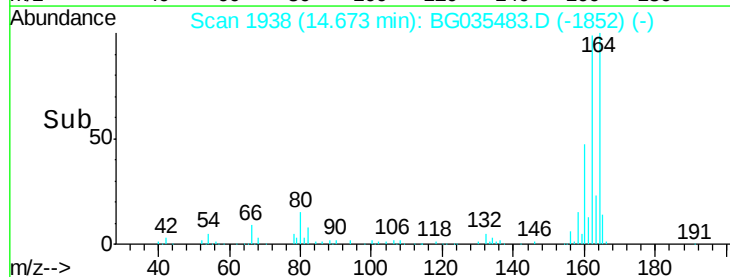
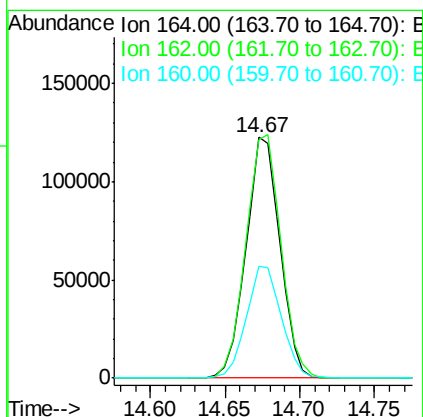
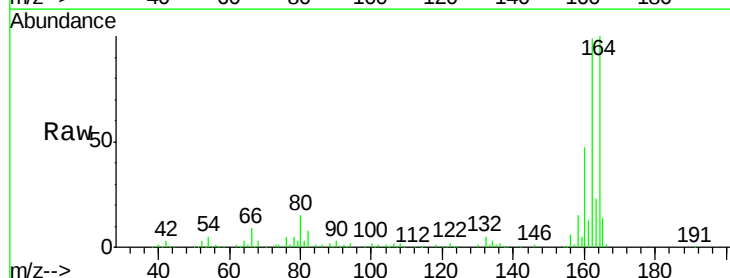
Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

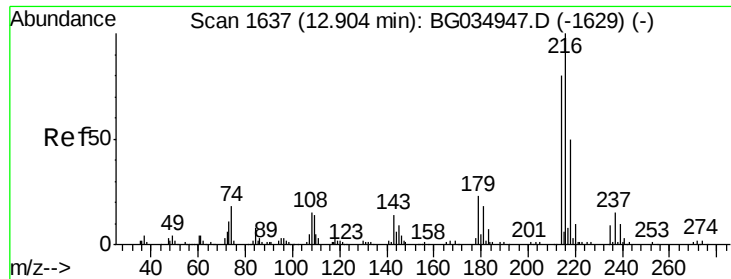
Tgt Ion:142 Resp: 267892
 Ion Ratio Lower Upper
 142 100
 141 86.2 67.1 100.7
 115 47.2 30.7 46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Tgt Ion:164 Resp: 191611
 Ion Ratio Lower Upper
 164 100
 162 98.8 78.8 118.2
 160 46.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.289 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

Tgt Ion:216 Resp: 187625

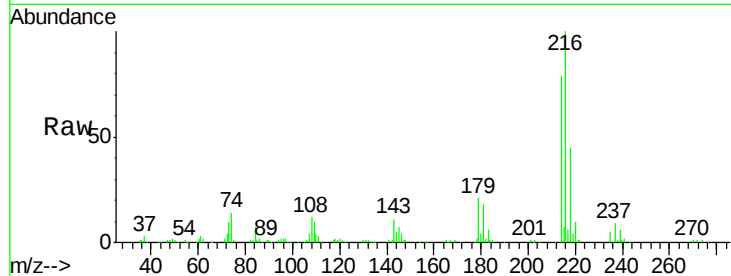
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.4

179 19.6 17.0 25.6

108 15.9 12.8 19.2

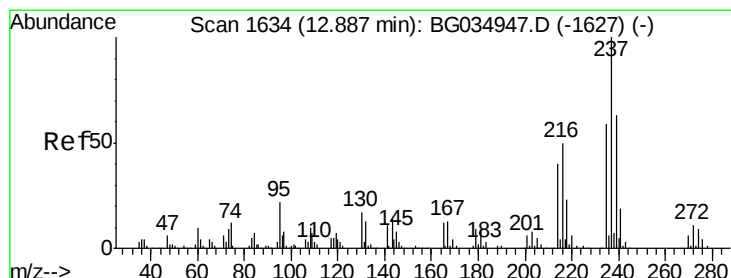
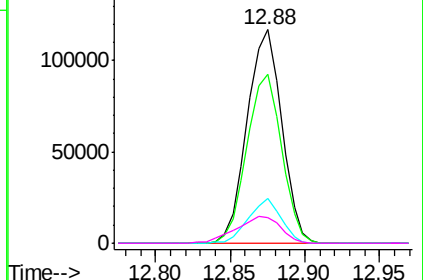
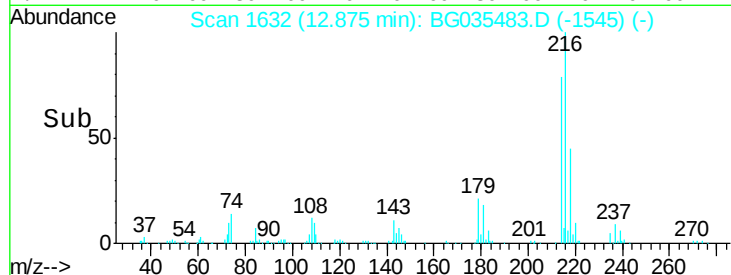


Abundance Ion 216.00 (215.70 to 216.70): E

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: 54.348 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.03 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

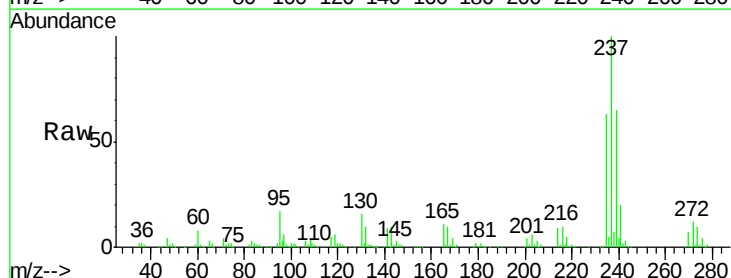
Tgt Ion:237 Resp: 243241

Ion Ratio Lower Upper

237 100

235 63.5 50.4 90.4

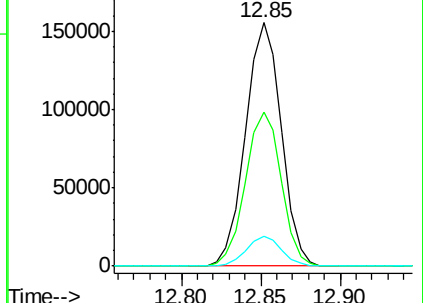
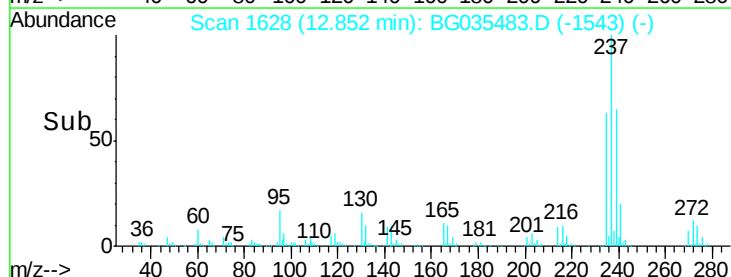
272 12.0 0.0 31.8

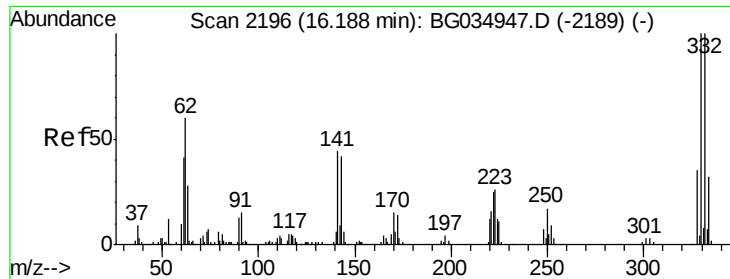


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

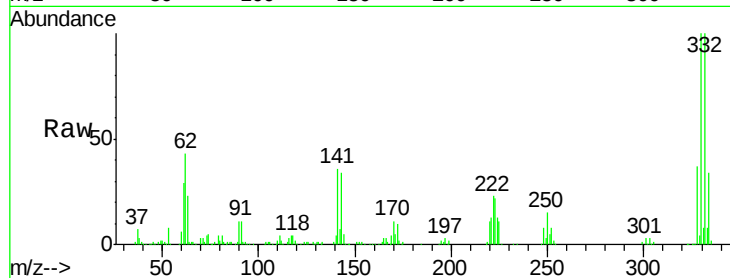




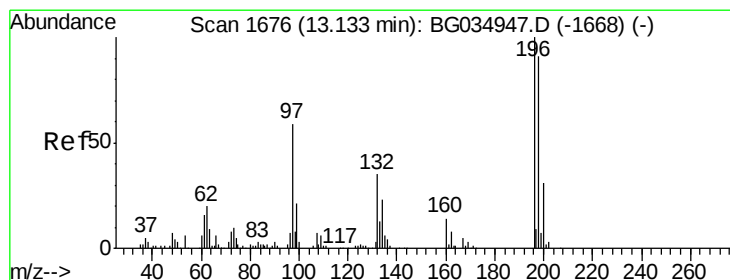
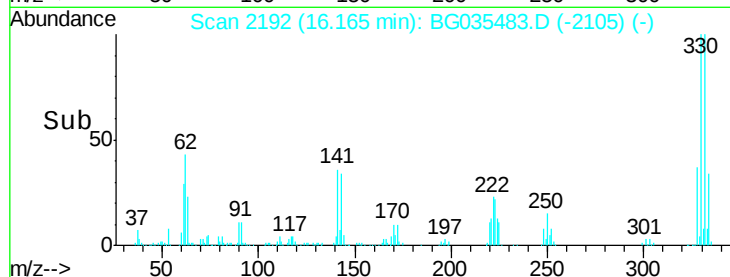
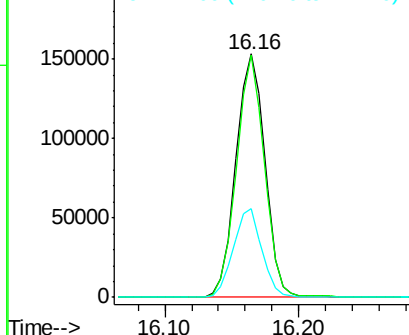
#41
 2,4,6-Tribromophenol
 Concen: 94.537 ng
 RT: 16.16 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

Tgt Ion:330 Resp: 231887
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 35.9 25.2 37.8

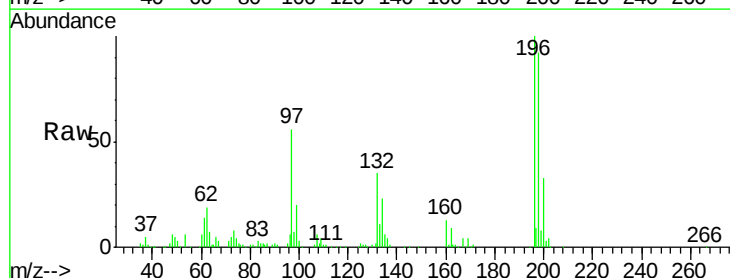


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

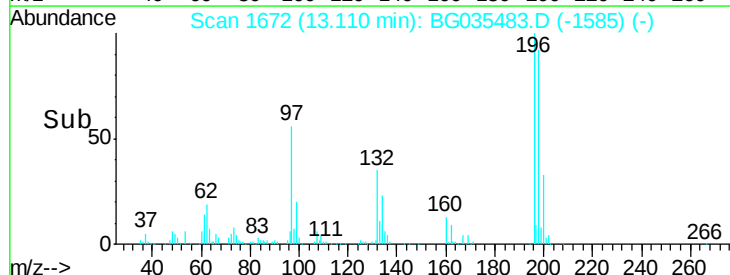
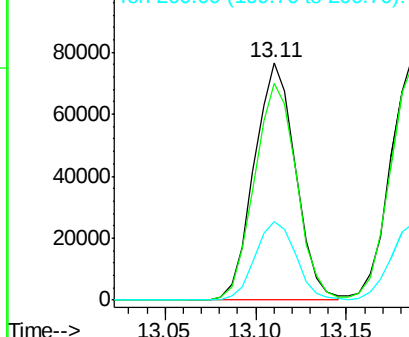


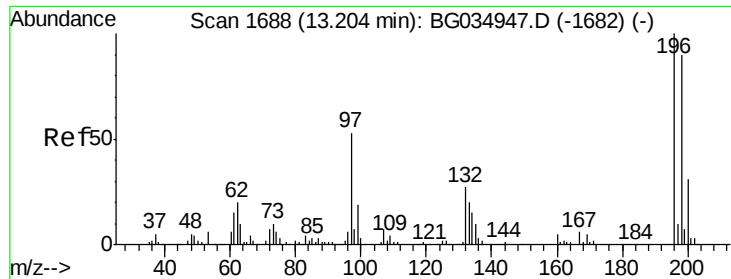
#42
 2,4,6-Trichlorophenol
 Concen: 28.315 ng
 RT: 13.11 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Tgt Ion:196 Resp: 121005
 Ion Ratio Lower Upper
 196 100
 198 91.5 78.2 117.2
 200 32.9 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

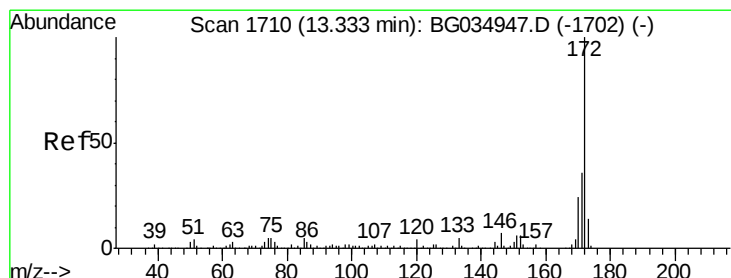
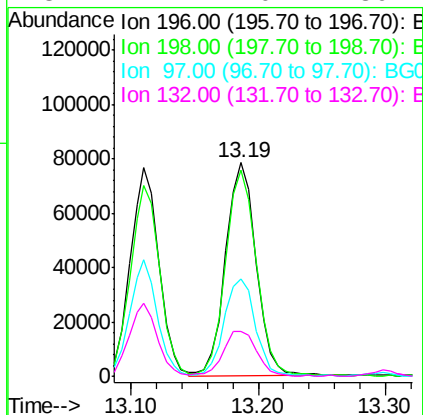
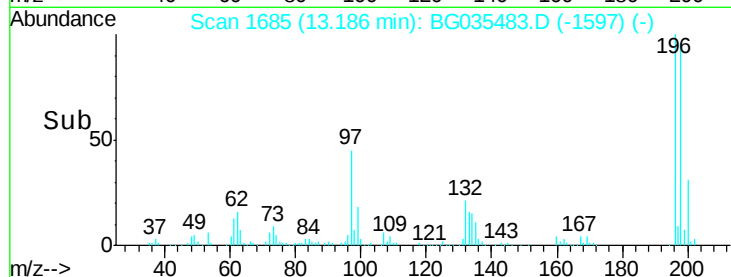
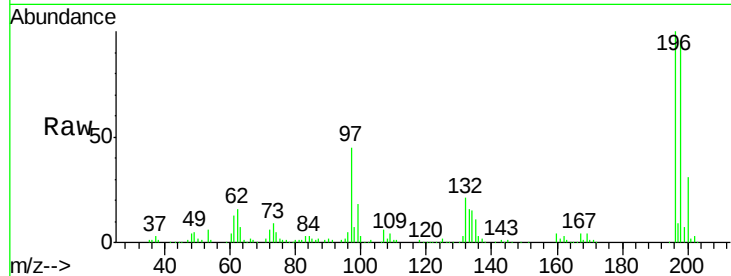




#43
 2,4,5-Trichlorophenol
 Concen: 27.810 ng
 RT: 13.19 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

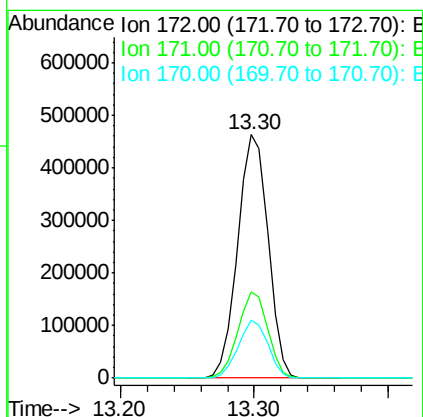
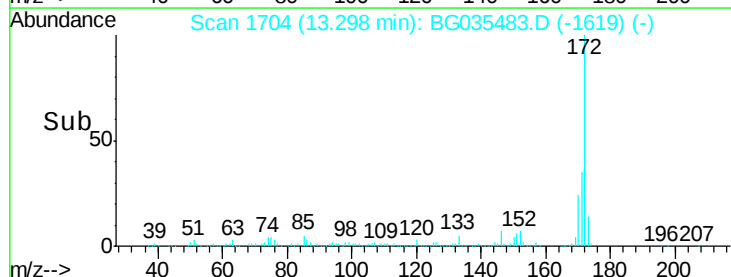
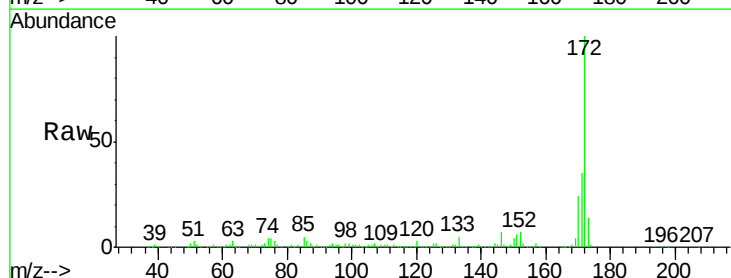
Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

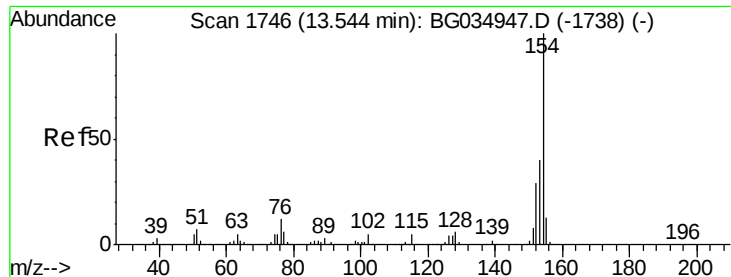
Tgt Ion	Resp	Lower	Upper
196	130447		
198	96.5	76.2	114.4
97	45.5	38.7	58.1
132	21.1	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 49.480 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Tgt Ion	Resp	Lower	Upper
172	729303		
171	35.4	30.0	45.0
170	23.8	19.5	29.3

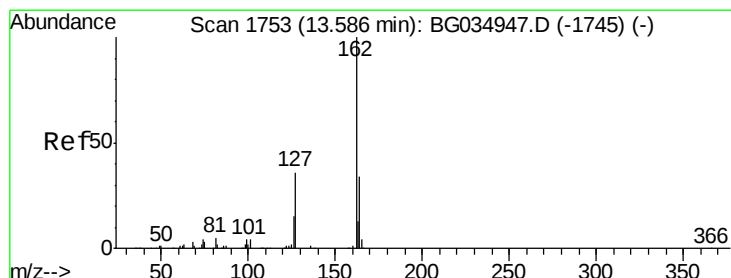
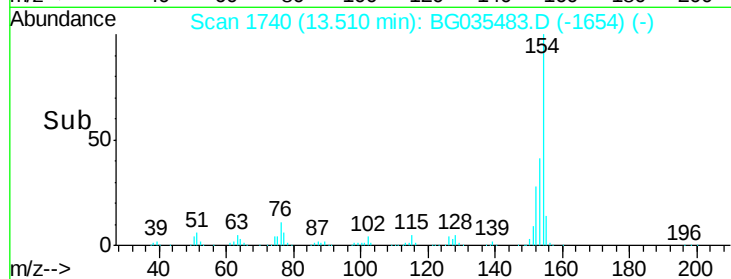
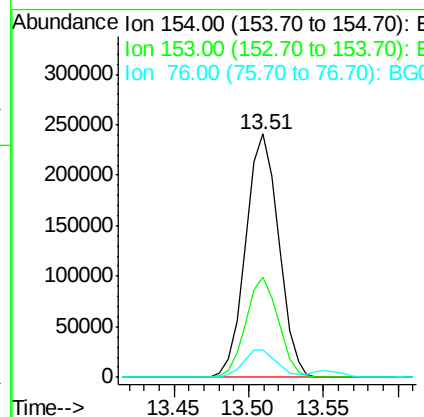
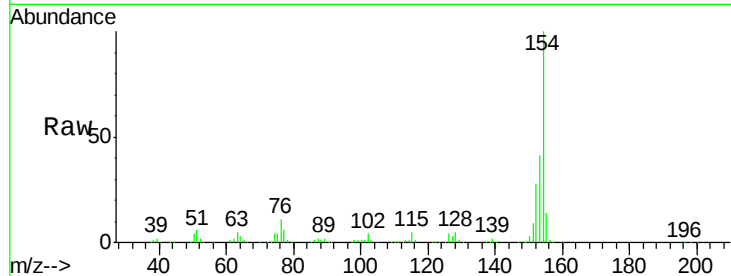




#45
 1,1'-Biphenyl
 Concen: 23.886 ng
 RT: 13.51 min Scan# 1740
 Delta R.T. -0.02 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

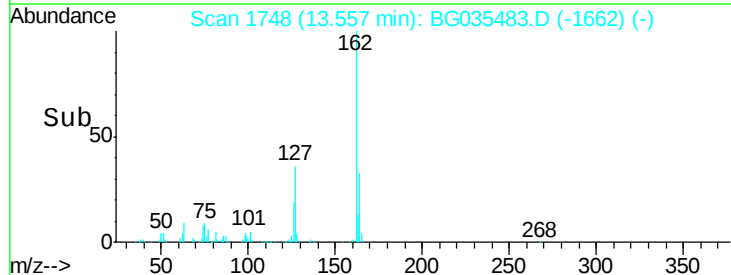
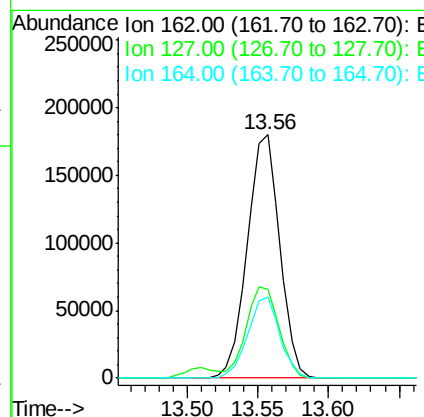
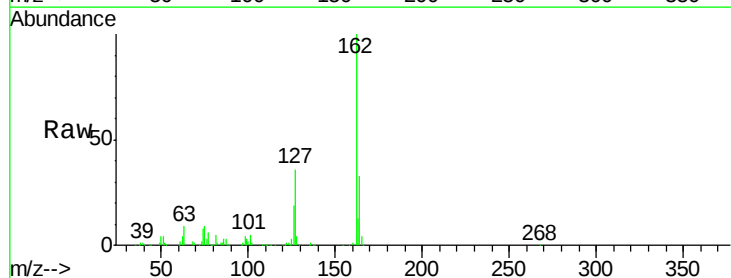
Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

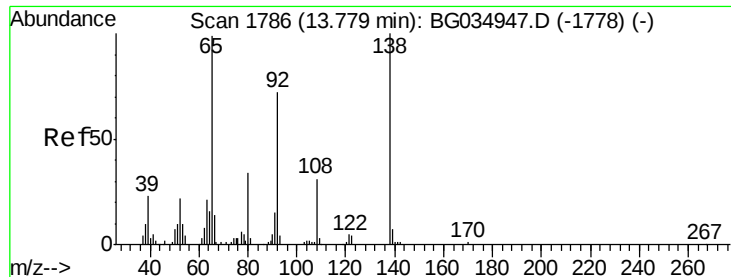
Tgt Ion:	154	Resp:	368021
Ion	Ratio	Lower	Upper
154	100		
153	41.3	19.8	59.8
76	11.4	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 24.884 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.02 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Tgt Ion:	162	Resp:	289867
Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.7	46.1
164	33.3	26.0	39.0





#47

2-Nitroaniline

Concen: 28.809 ng

RT: 13.76 min Scan# 1782

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

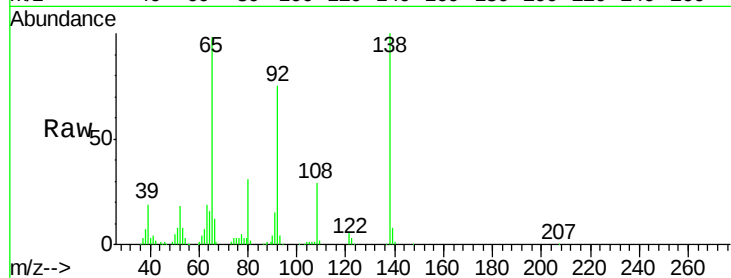
Tgt Ion: 65 Resp: 99100

Ion Ratio Lower Upper

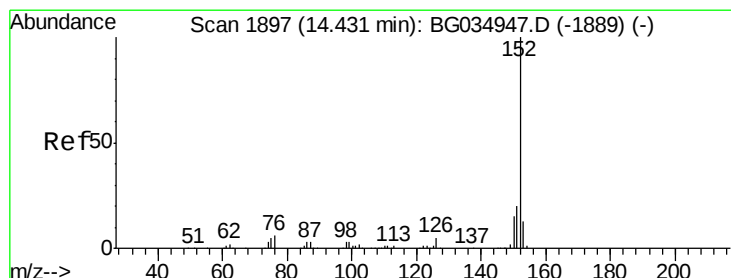
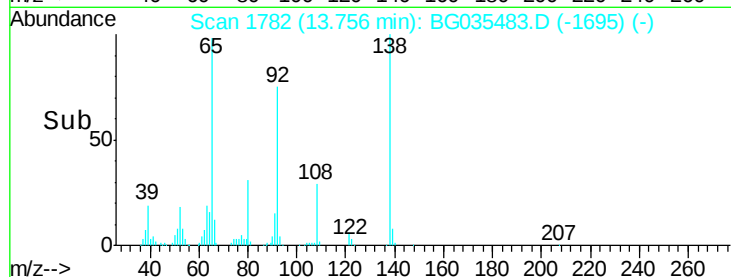
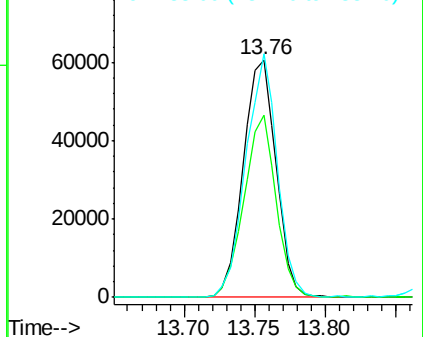
65 100

92 76.8 54.6 82.0

138 102.5 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: 24.874 ng

RT: 14.40 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

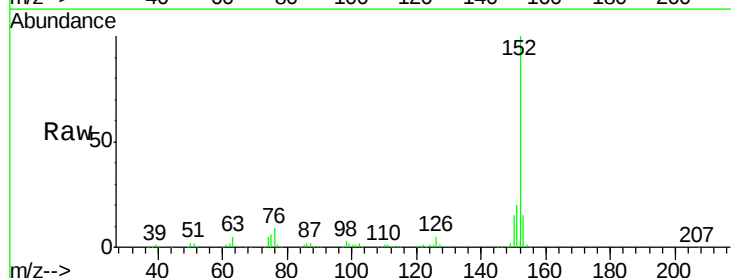
Tgt Ion: 152 Resp: 485857

Ion Ratio Lower Upper

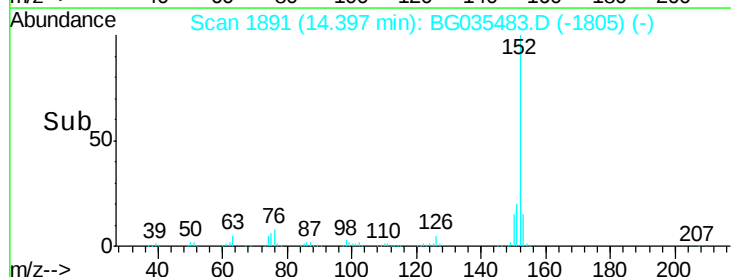
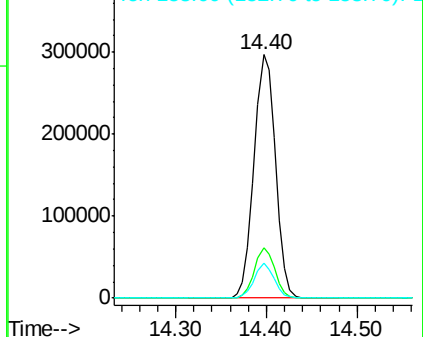
152 100

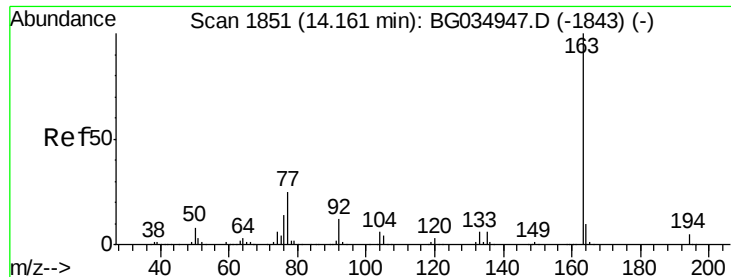
151 20.5 17.2 25.8

153 14.5 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: 24.476 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

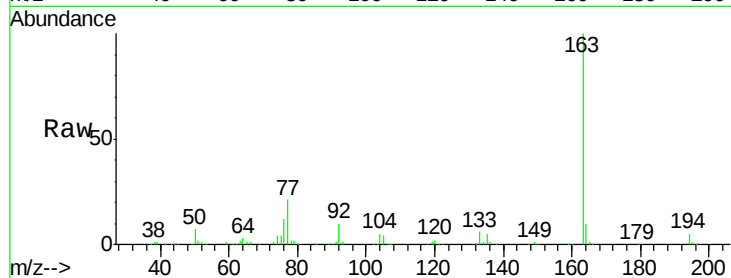
Tgt Ion:163 Resp: 408974

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

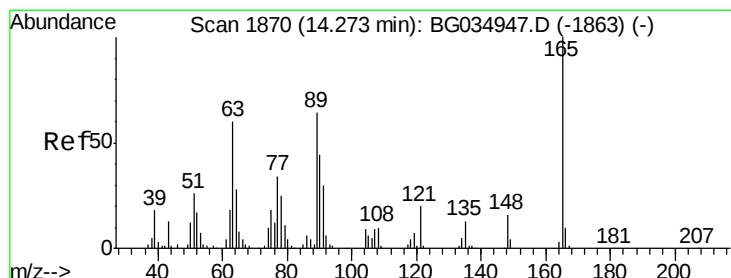
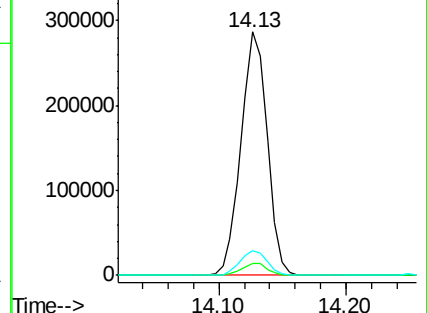
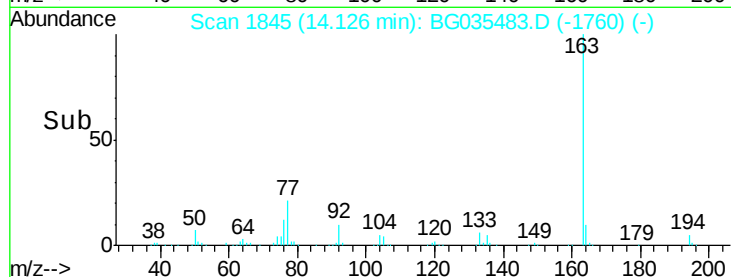
164 10.2 8.2 12.4



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: 30.541 ng

RT: 14.25 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

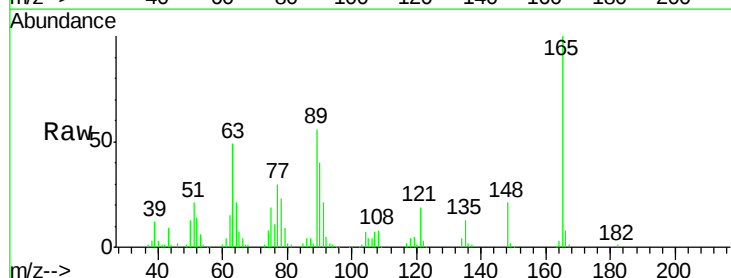
Tgt Ion:165 Resp: 93098

Ion Ratio Lower Upper

165 100

63 48.5 52.7 79.1#

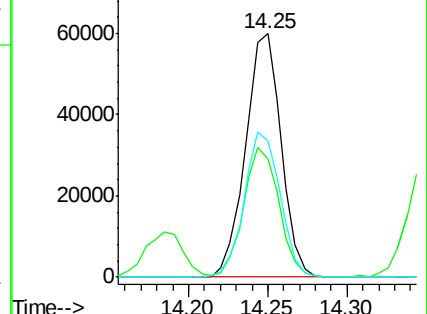
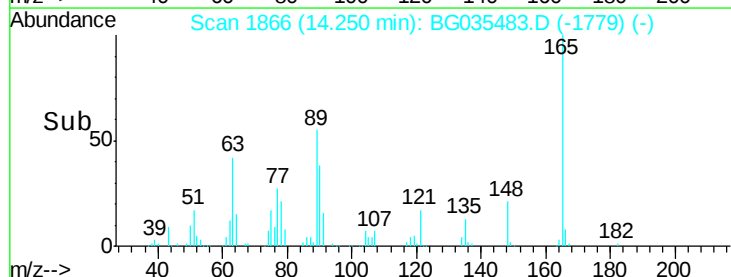
89 55.6 49.2 73.8

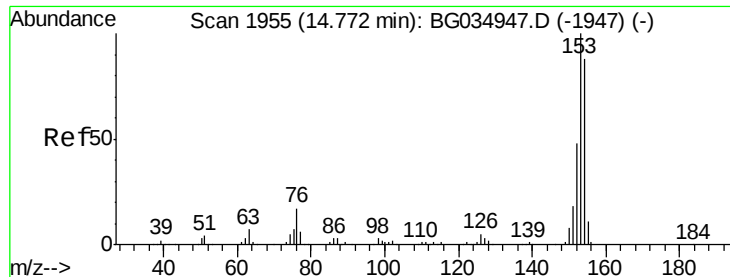


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 22.748 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

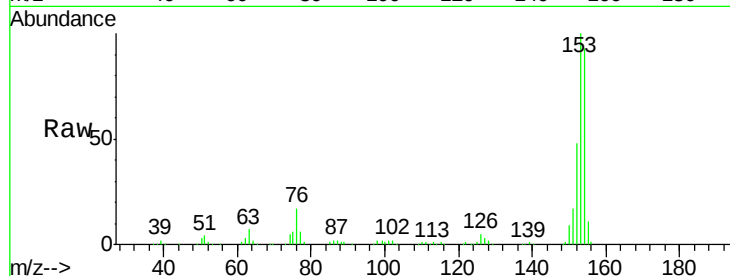
Tgt Ion:154 Resp: 290321

Ion Ratio Lower Upper

154 100

153 107.5 90.4 135.6

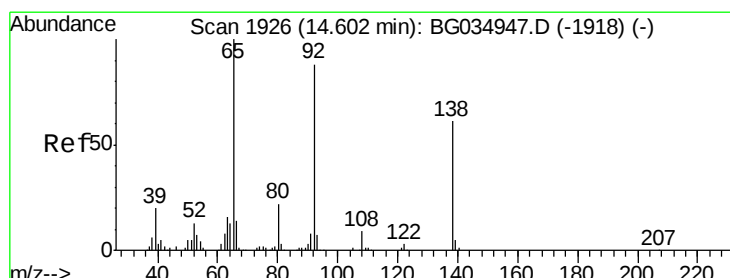
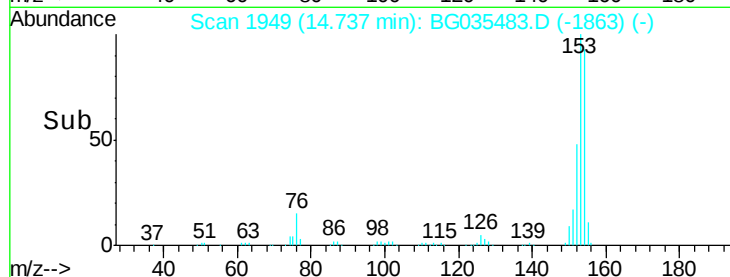
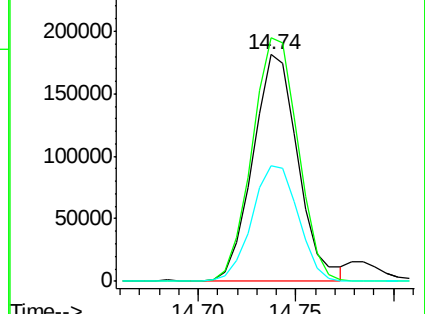
152 51.1 41.6 62.4



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: 15.485 ng

RT: 14.58 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

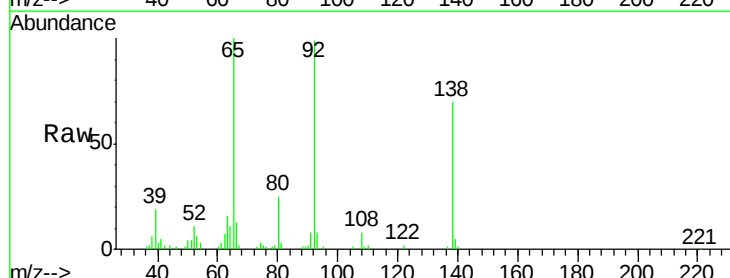
Tgt Ion:138 Resp: 46319

Ion Ratio Lower Upper

138 100

108 10.9 17.5 26.3#

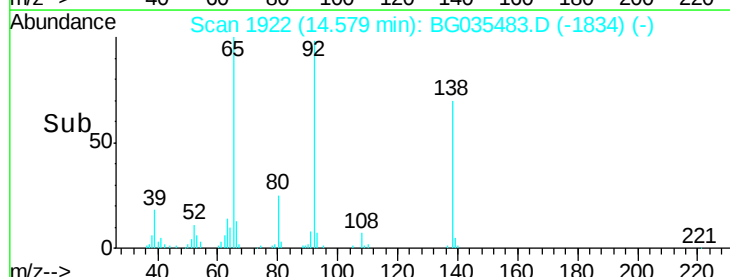
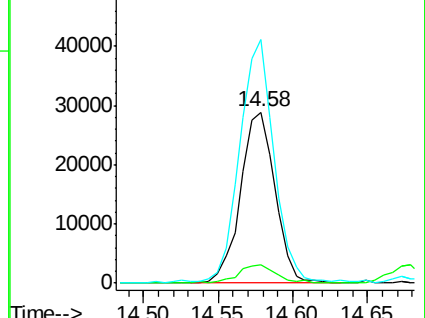
92 142.4 105.8 158.8

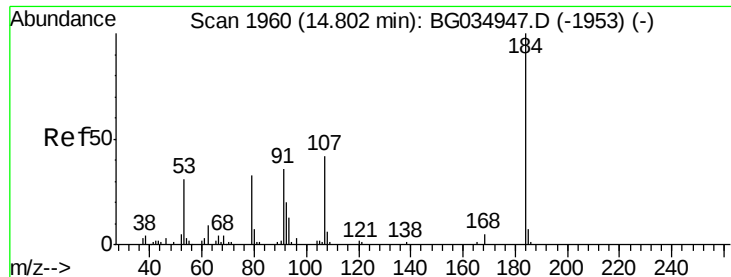


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 30.627 ng

RT: 14.78 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

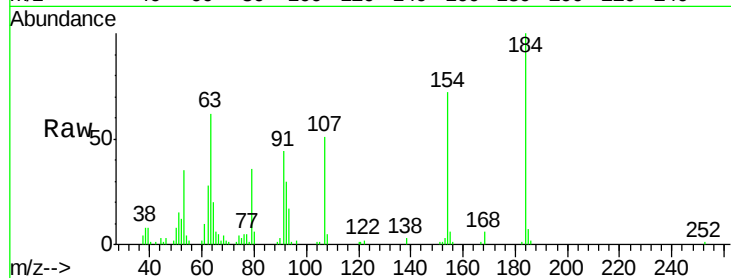
Tgt Ion:184 Resp: 37784

Ion Ratio Lower Upper

184 100

63 62.0 59.8 89.8

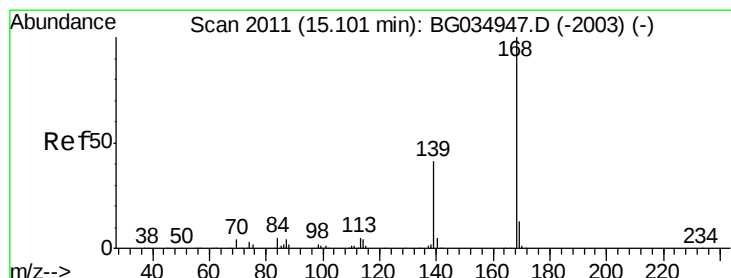
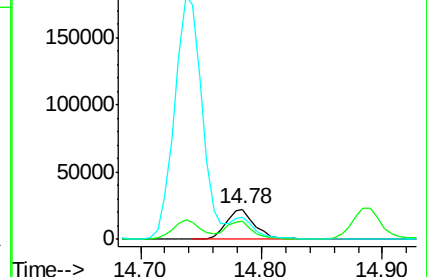
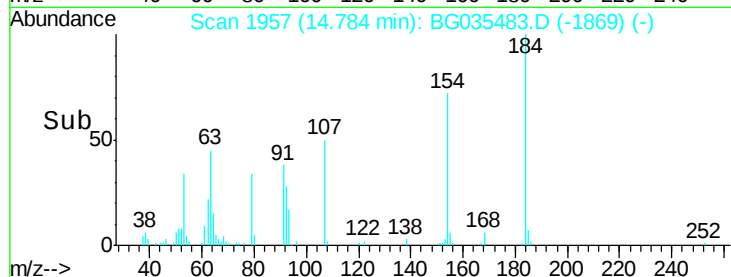
154 72.2 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 25.015 ng

RT: 15.07 min Scan# 2006

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

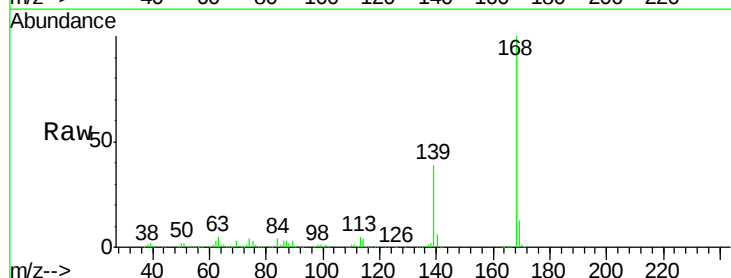
Tgt Ion:168 Resp: 478137

Ion Ratio Lower Upper

168 100

139 39.2 28.6 43.0

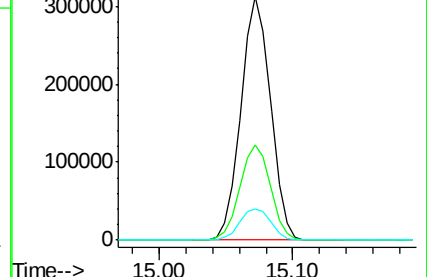
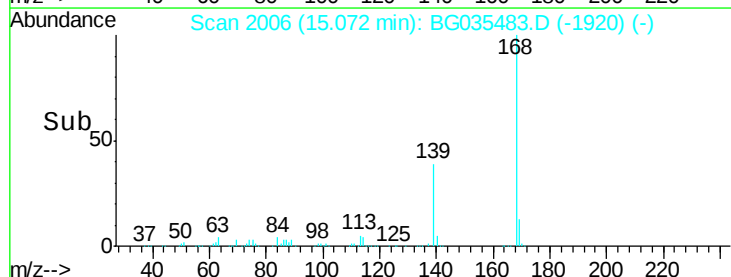
169 12.9 11.2 16.8

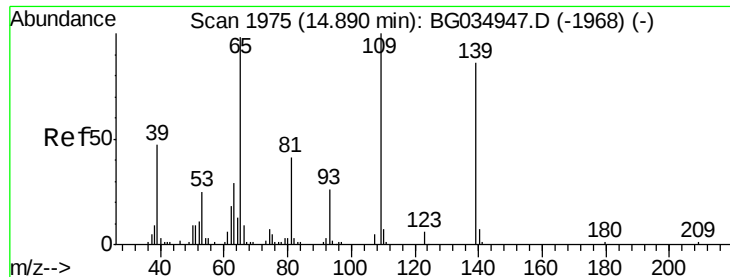


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

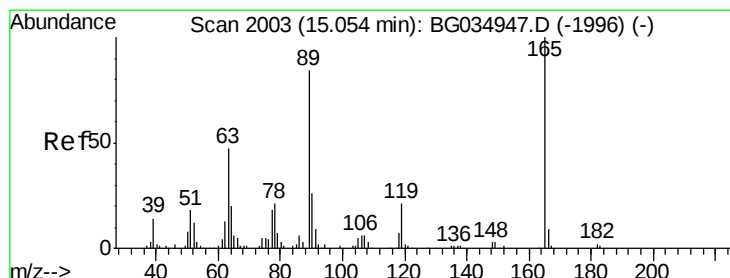
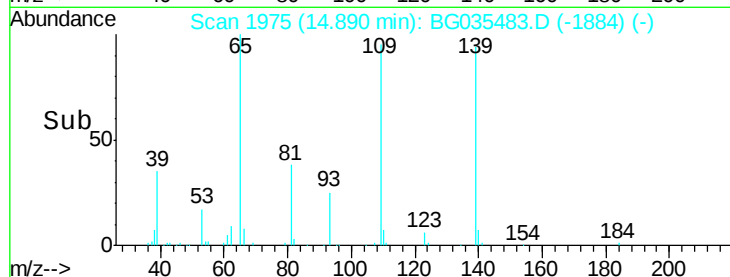
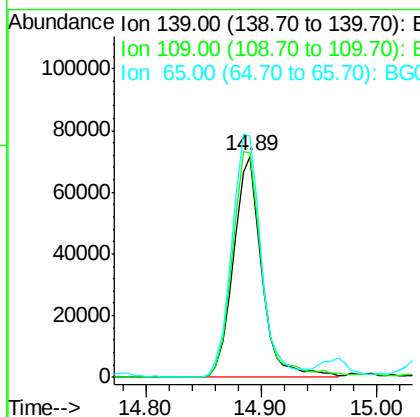
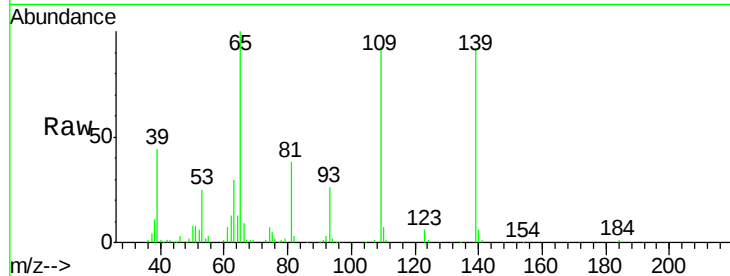




#55
4-Nitrophenol
Concen: 48.066 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.01 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

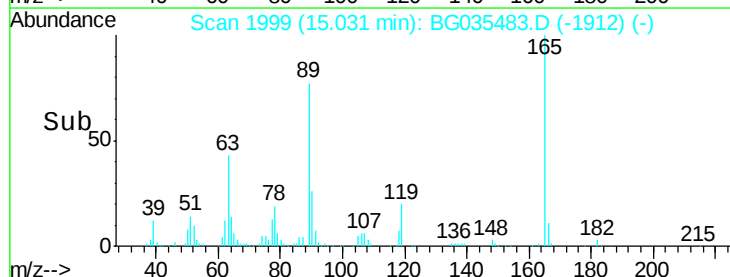
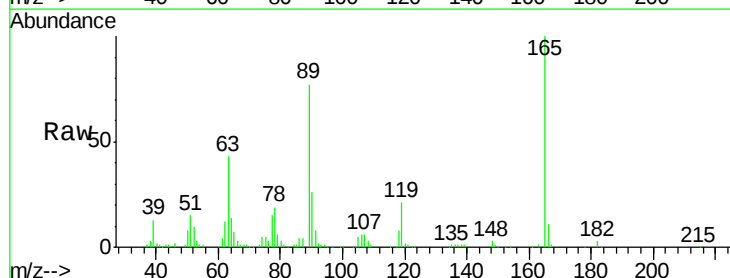
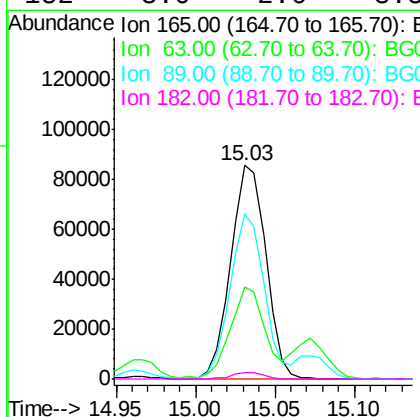
Instrument :
BNA_G
ClientSampleId :
PB110650BS

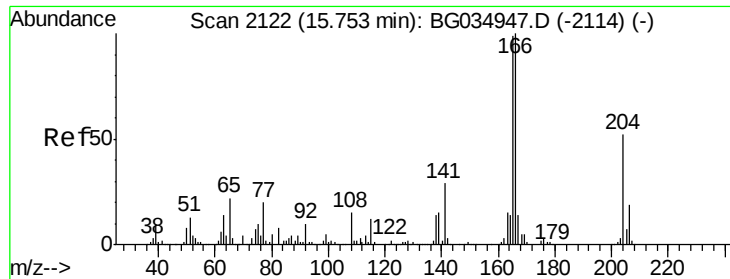
Tgt Ion:139 Resp: 121341
Ion Ratio Lower Upper
139 100
109 101.6 62.2 102.2
65 108.7 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 32.482 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion:165 Resp: 131531
Ion Ratio Lower Upper
165 100
63 43.4 42.0 63.0
89 77.3 66.9 100.3
182 3.0 2.6 3.8

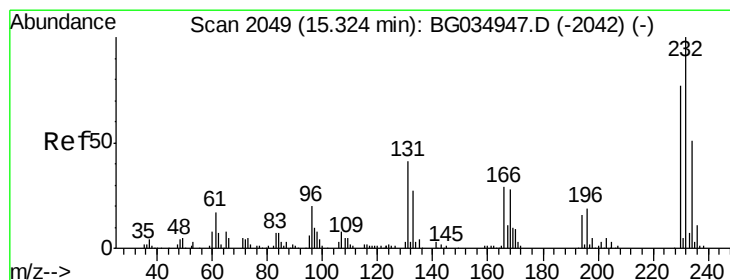
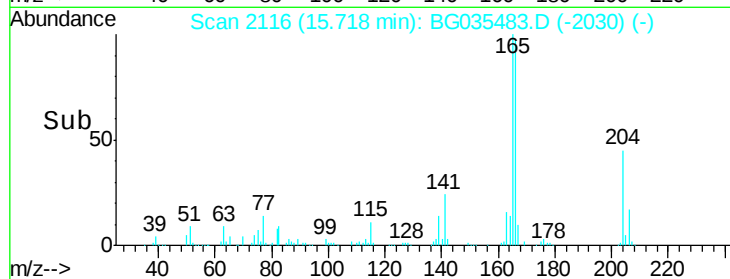
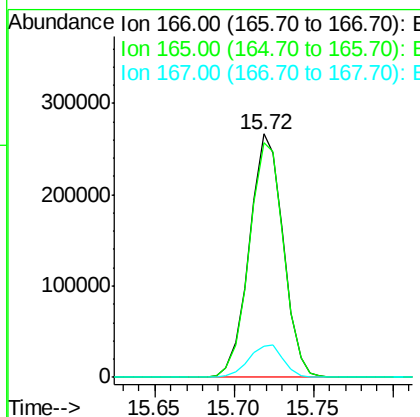
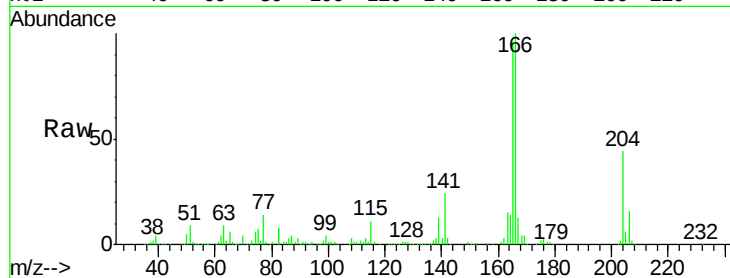




#57
 Fluorene
 Concen: 24.683 ng
 RT: 15.72 min Scan# 2116
 Delta R.T. -0.02 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

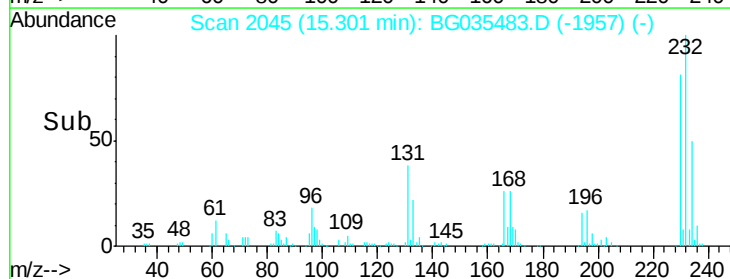
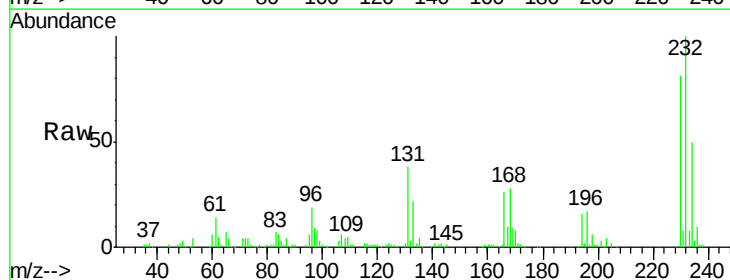
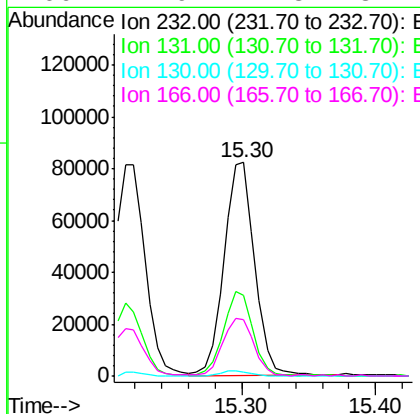
Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

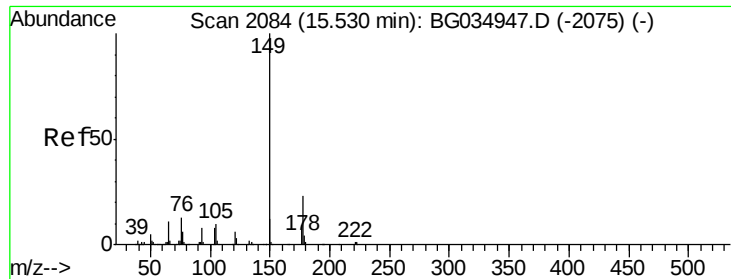
Tgt Ion:166 Resp: 394287
 Ion Ratio Lower Upper
 166 100
 165 96.2 80.6 121.0
 167 12.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.926 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Tgt Ion:232 Resp: 131807
 Ion Ratio Lower Upper
 232 100
 131 37.7 33.5 50.3
 130 2.2 2.2 3.2
 166 27.9 24.8 37.2

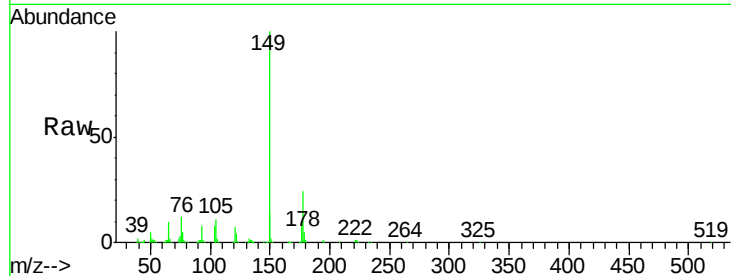




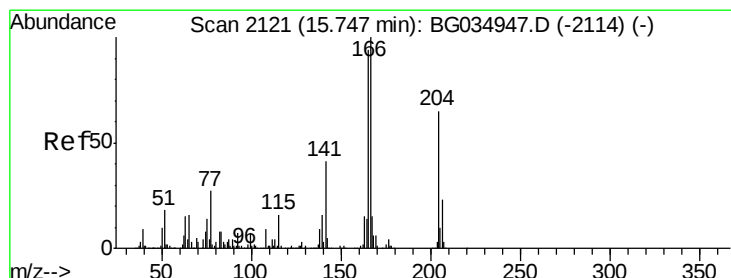
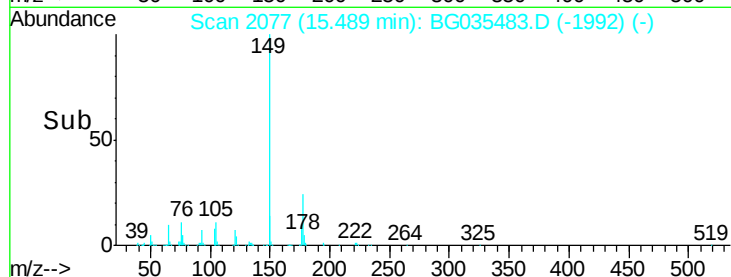
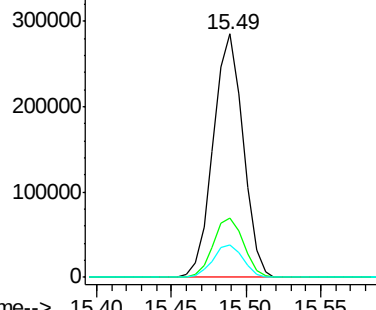
#59
Diethylphthalate
Concen: 23.168 ng
RT: 15.49 min Scan# 2077
Delta R.T. -0.03 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Instrument :
BNA_G
ClientSampleId :
PB110650BS

Tgt Ion:149 Resp: 394958
Ion Ratio Lower Upper
149 100
177 24.4 18.5 27.7
150 13.6 10.2 15.2

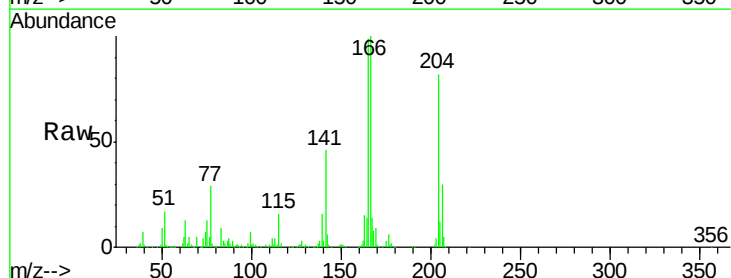


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

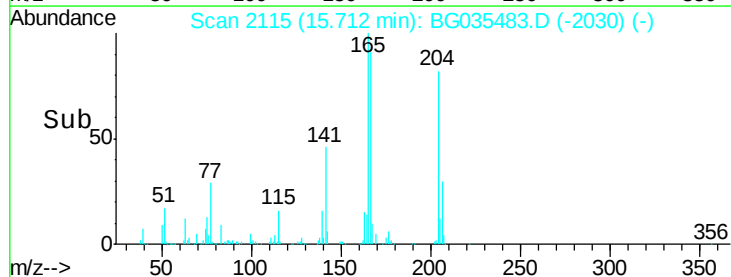
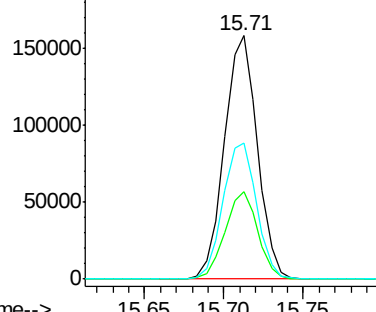


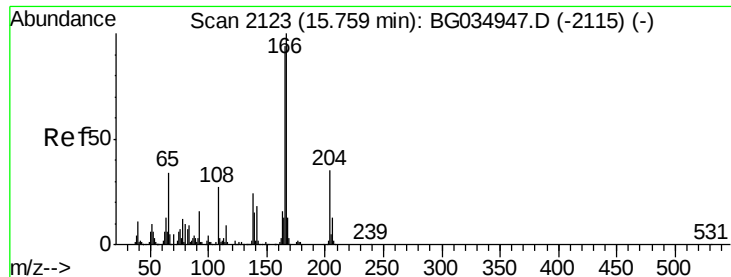
#60
4-Chlorophenyl-phenylether
Concen: 25.139 ng
RT: 15.71 min Scan# 2115
Delta R.T. -0.03 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion:204 Resp: 228992
Ion Ratio Lower Upper
204 100
206 36.2 26.2 39.2
141 55.9 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

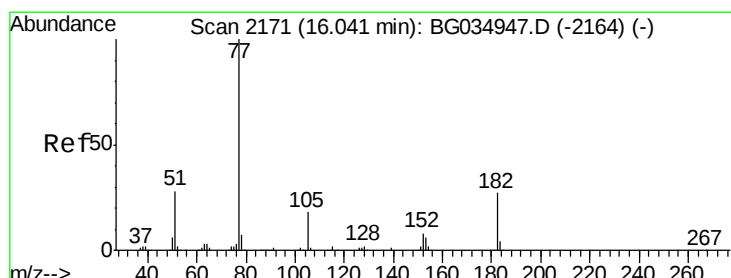
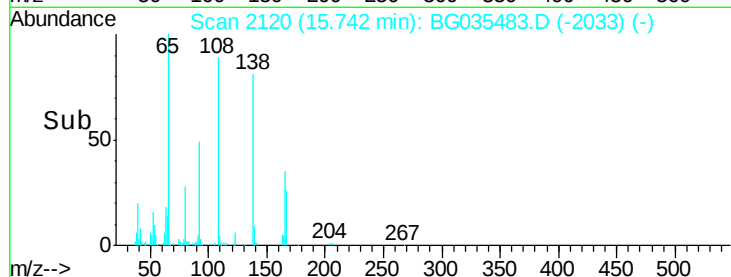
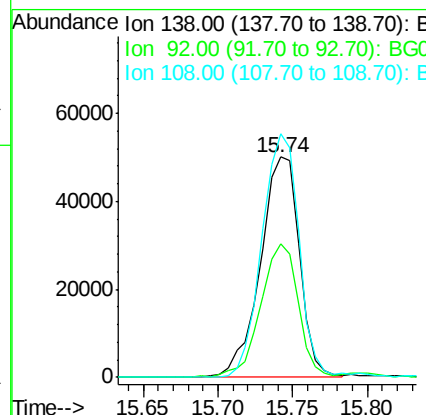
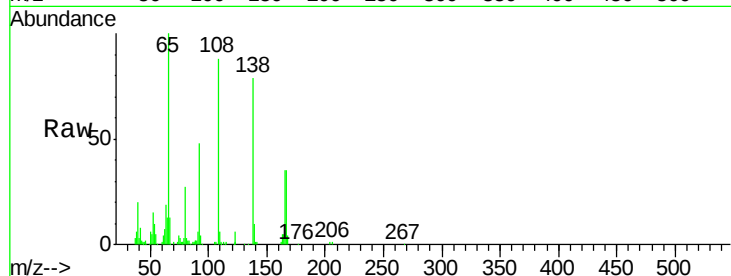




#61
4-Nitroaniline
Concen: 28.298 ng
RT: 15.74 min Scan# 2120
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

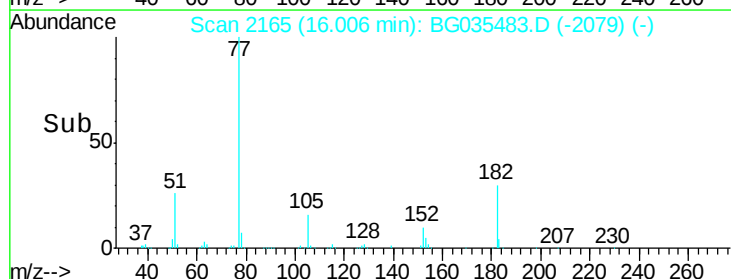
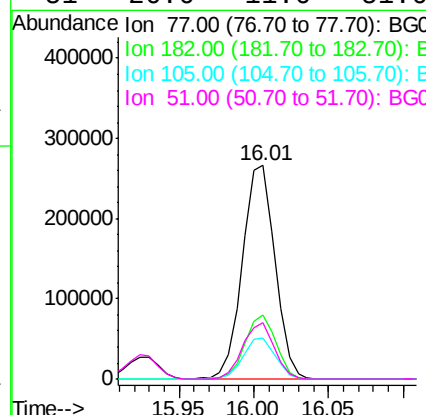
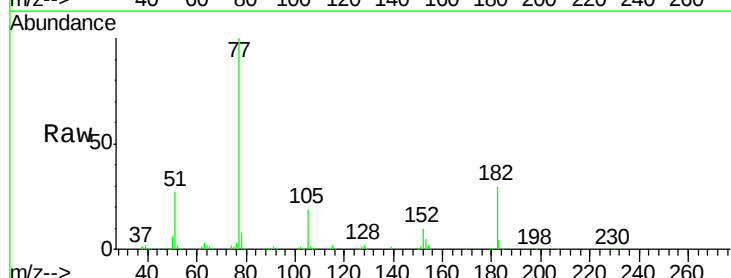
Instrument :
BNA_G
ClientSampleId :
PB110650BS

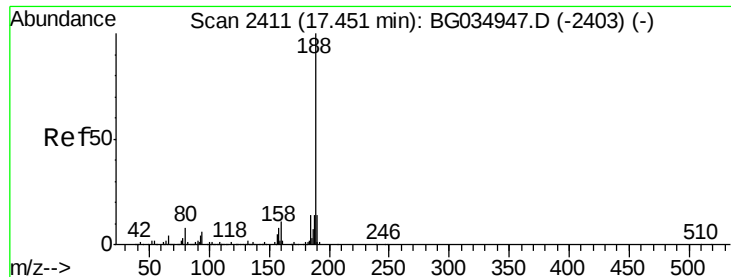
Tgt Ion:138 Resp: 90775
Ion Ratio Lower Upper
138 100
92 60.5 40.1 80.1
108 110.7 65.4 105.4#



#62
Azobenzene
Concen: 24.094 ng
RT: 16.01 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion: 77 Resp: 402508
Ion Ratio Lower Upper
77 100
182 29.7 7.4 47.4
105 19.3 0.3 40.3
51 26.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

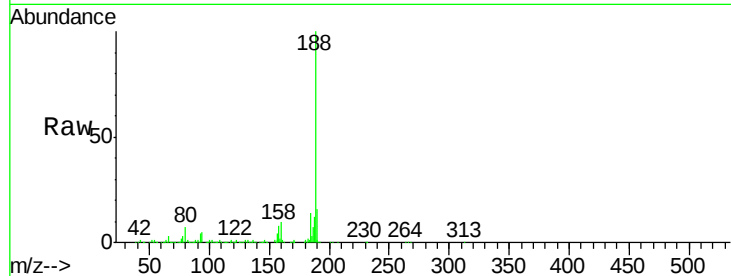
Tgt Ion:188 Resp: 512678

Ion Ratio Lower Upper

188 100

94 5.3 6.9 10.3#

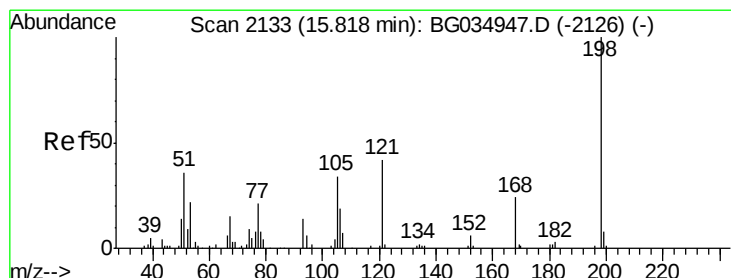
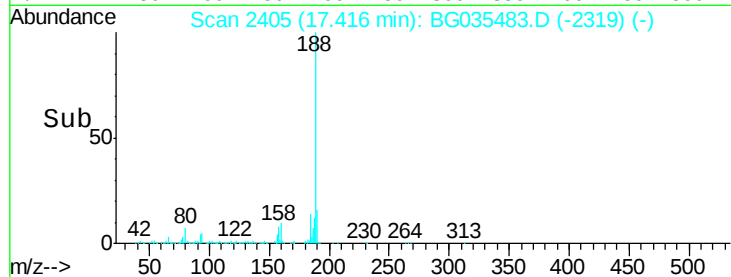
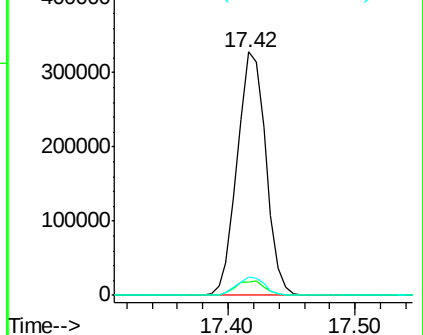
80 7.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 22.708 ng

RT: 15.79 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

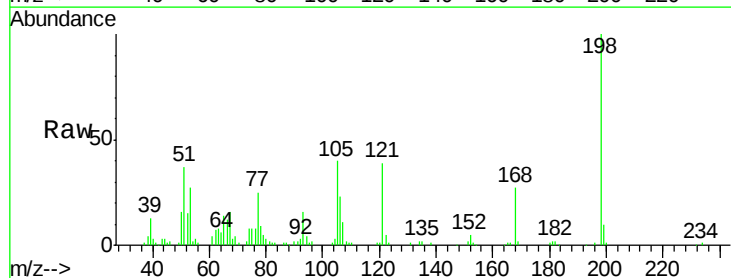
Tgt Ion:198 Resp: 53154

Ion Ratio Lower Upper

198 100

51 37.3 30.6 70.6

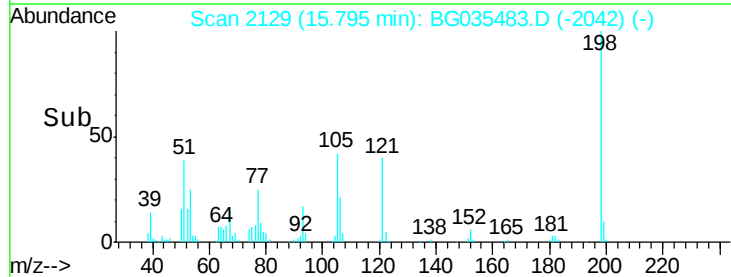
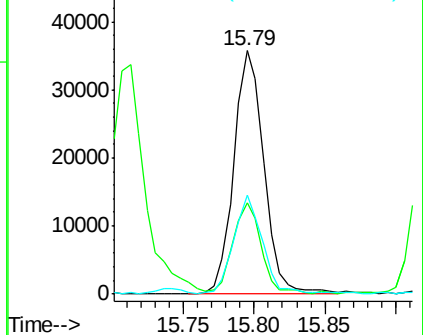
105 40.5 23.8 63.8

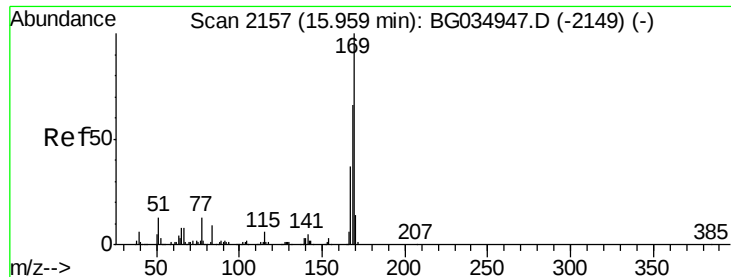


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 23.069 ng

RT: 15.92 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

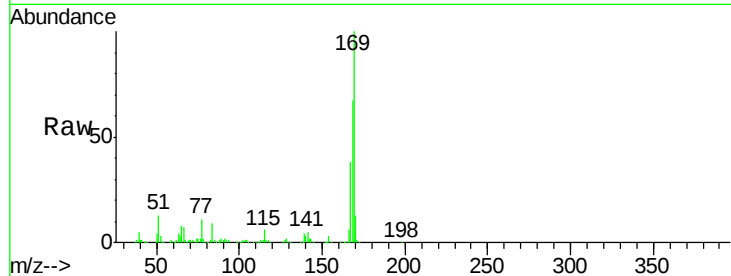
Tgt Ion:169 Resp: 355182

Ion Ratio Lower Upper

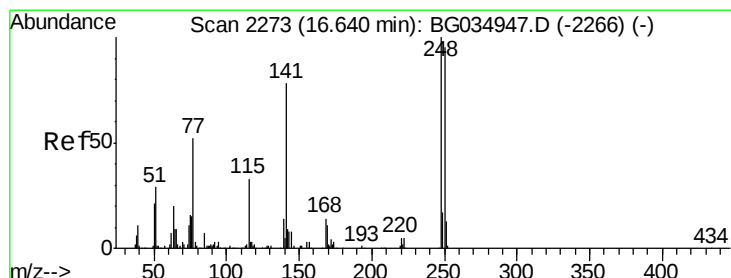
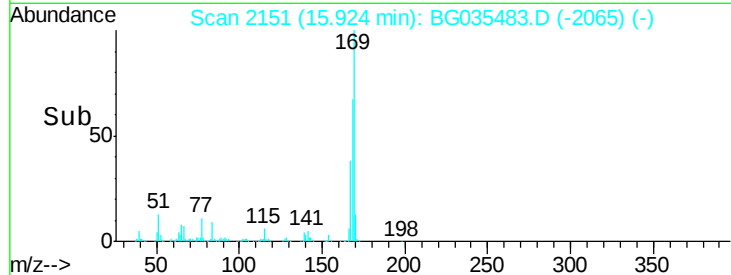
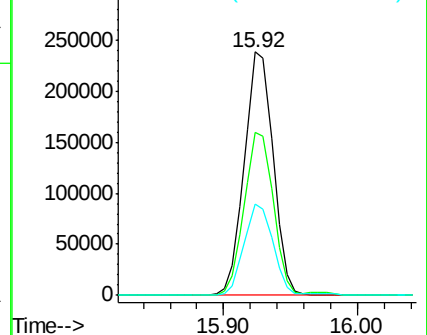
169 100

168 67.0 55.7 83.5

167 37.7 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: 26.092 ng

RT: 16.61 min Scan# 2267

Delta R.T. -0.03 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

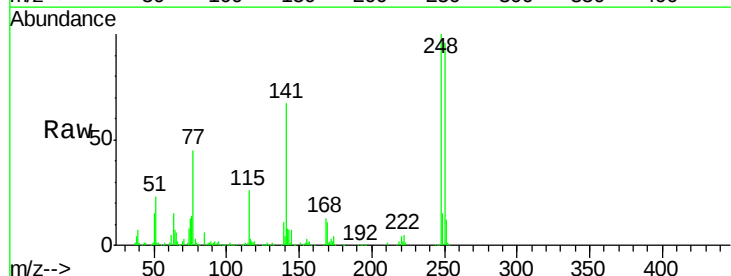
Tgt Ion:248 Resp: 161091

Ion Ratio Lower Upper

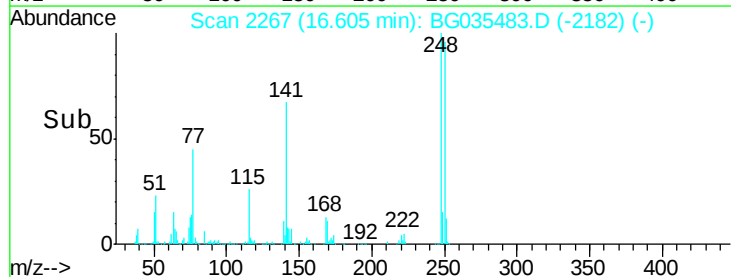
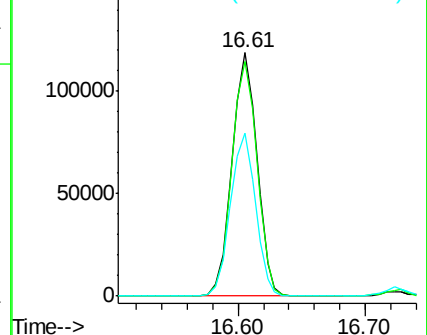
248 100

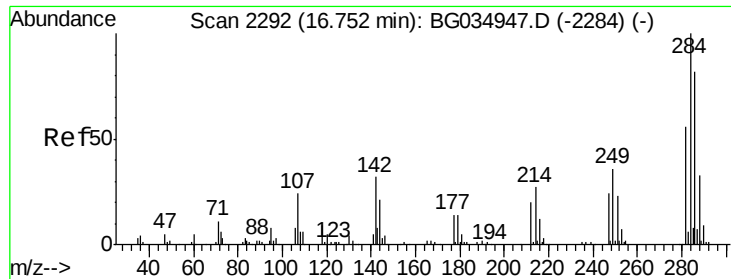
250 96.2 77.1 115.7

141 66.7 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

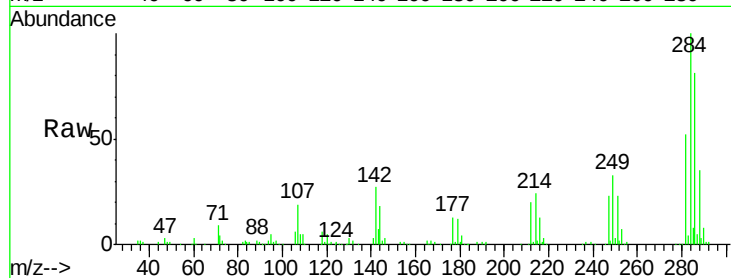




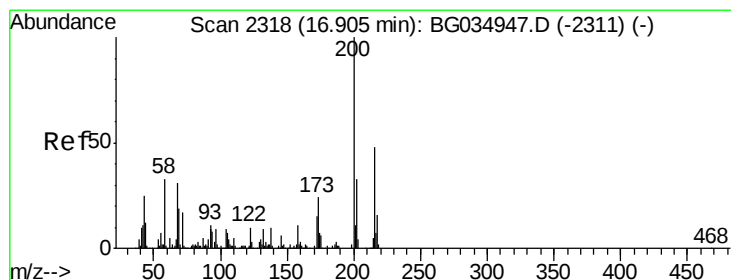
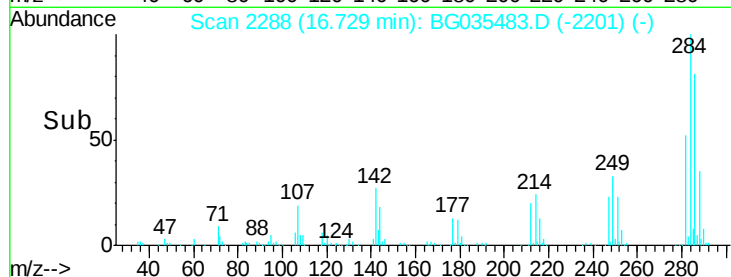
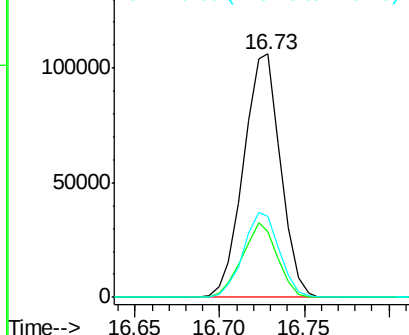
#67
Hexachlorobenzene
Concen: 25.685 ng
RT: 16.73 min Scan# 2288
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Instrument :
BNA_G
ClientSampleId :
PB110650BS

Tgt Ion:284 Resp: 161405
Ion Ratio Lower Upper
284 100
142 26.8 26.8 40.2
249 33.4 26.3 39.5

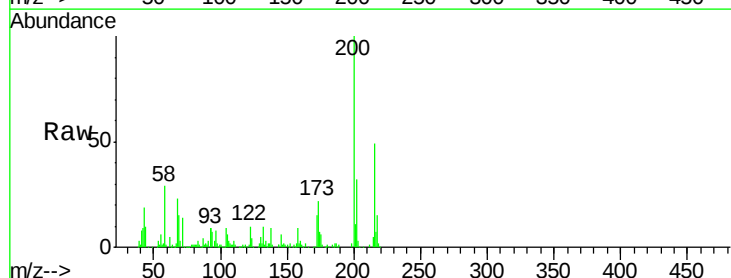


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

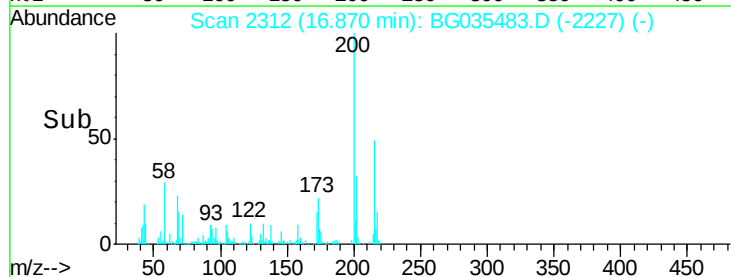
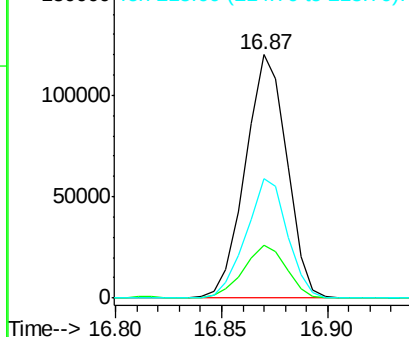


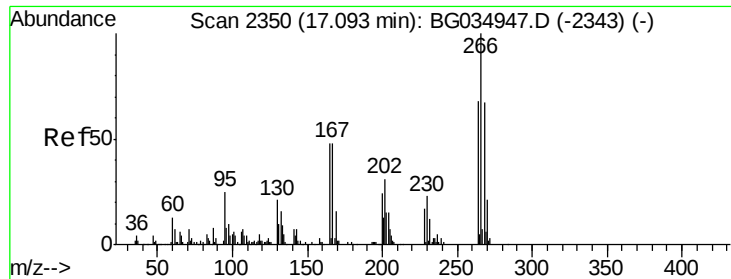
#68
Atrazine
Concen: 24.944 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.03 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion:200 Resp: 163772
Ion Ratio Lower Upper
200 100
173 21.8 5.2 45.2
215 49.1 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

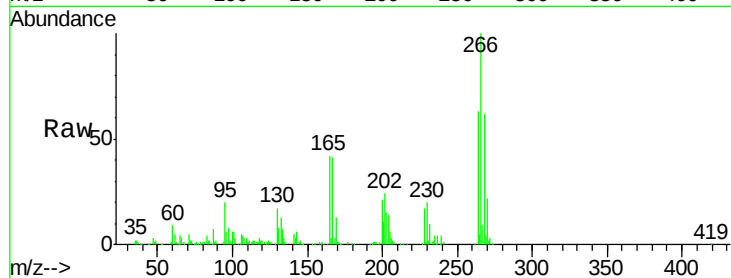




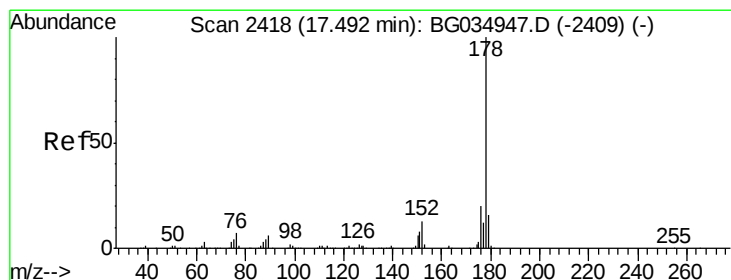
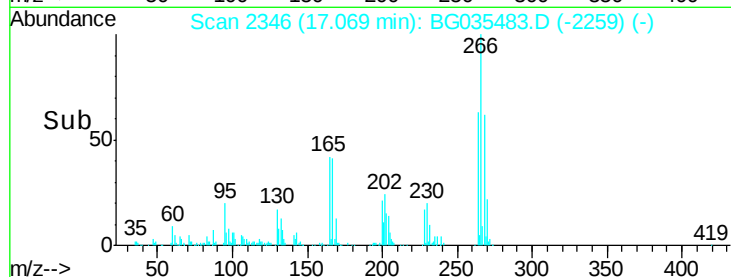
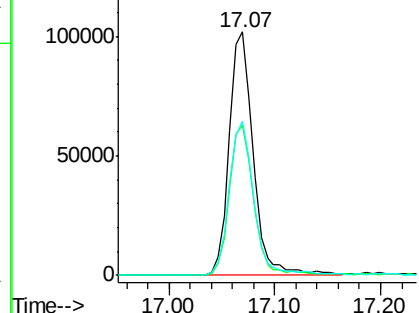
#69
 Pentachlorophenol
 Concen: 38.092 ng
 RT: 17.07 min Scan# 2346
 Delta R.T. -0.02 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

Tgt Ion:266 Resp: 160959
 Ion Ratio Lower Upper
 266 100
 268 61.7 51.1 76.7
 264 63.2 49.6 74.4

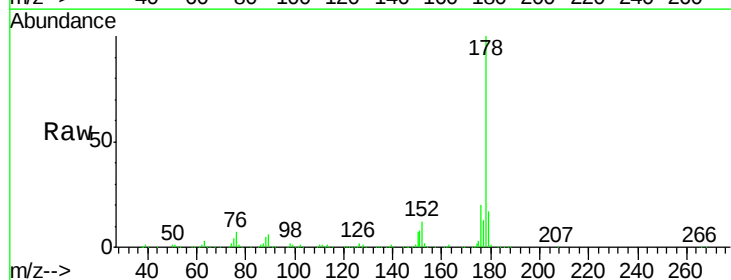


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

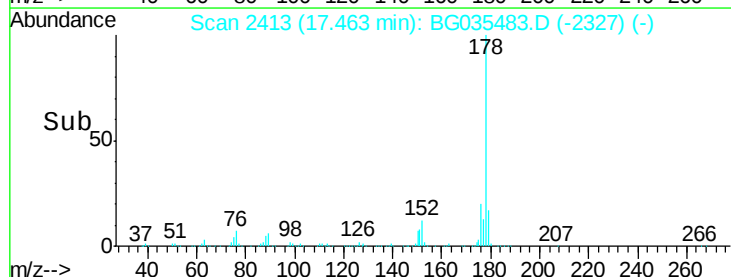
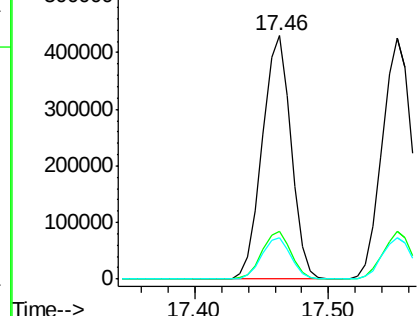


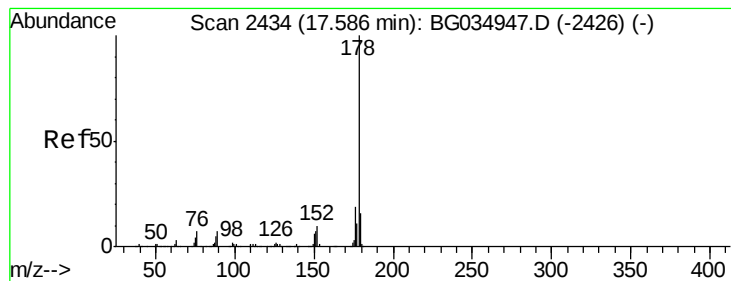
#70
 Phenanthrene
 Concen: 24.591 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.02 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Tgt Ion:178 Resp: 640428
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 16.9 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: 24.962 ng

RT: 17.55 min Scan# 2428

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

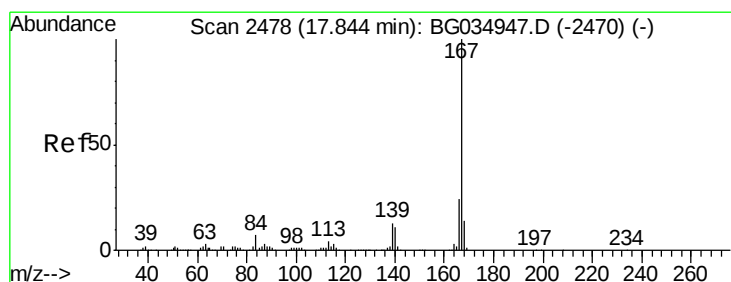
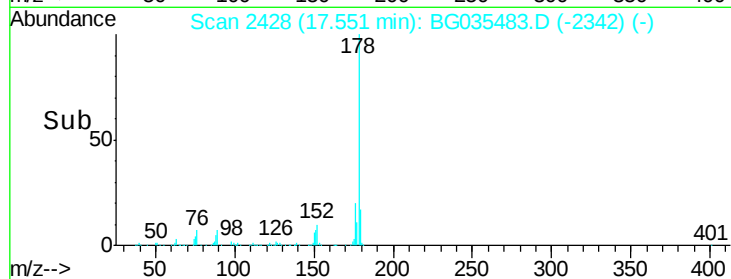
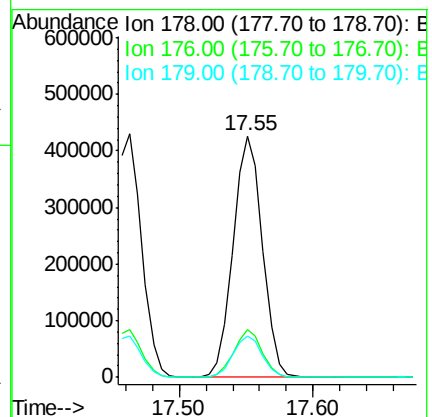
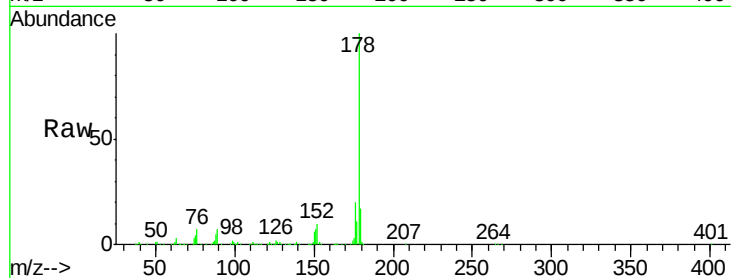
Tgt Ion:178 Resp: 651185

Ion Ratio Lower Upper

178 100

176 19.9 16.0 24.0

179 16.9 12.5 18.7



#72

Carbazole

Concen: 24.314 ng

RT: 17.82 min Scan# 2474

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

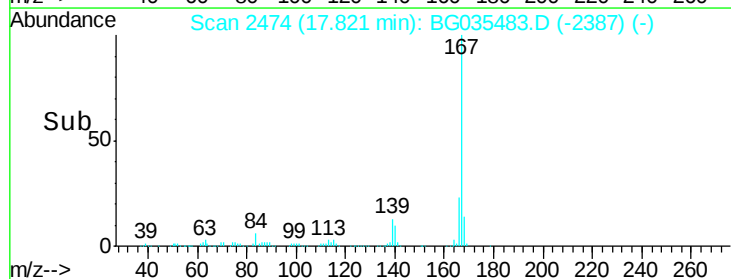
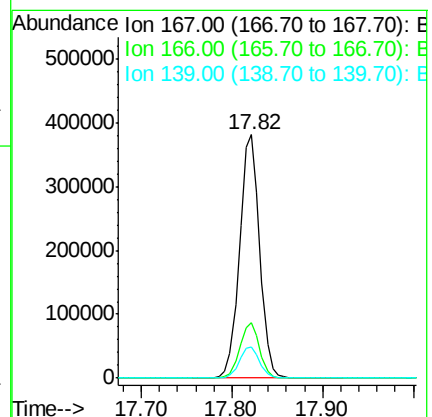
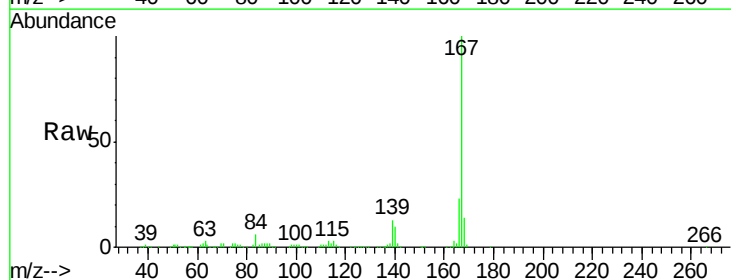
Tgt Ion:167 Resp: 588501

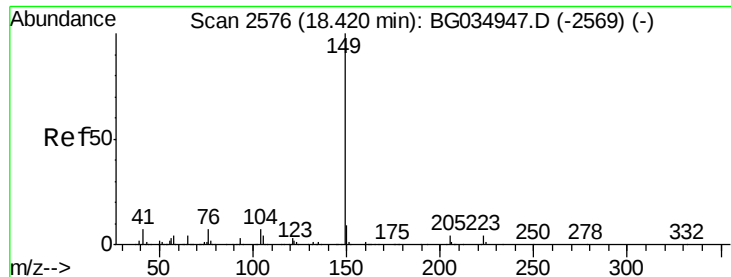
Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

139 12.6 9.4 14.2

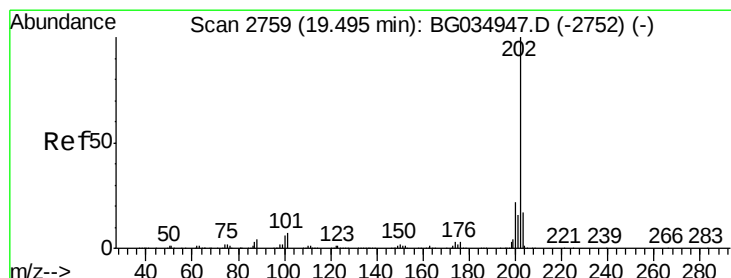
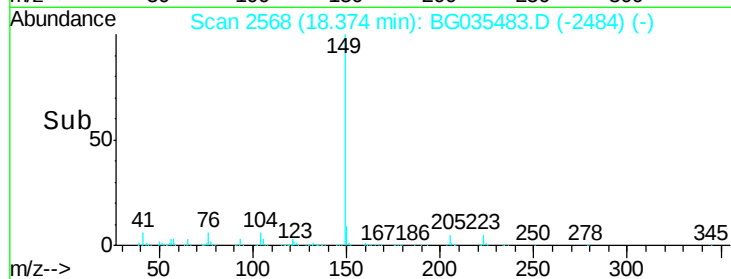
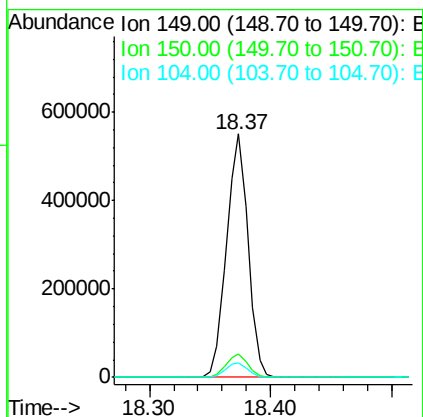
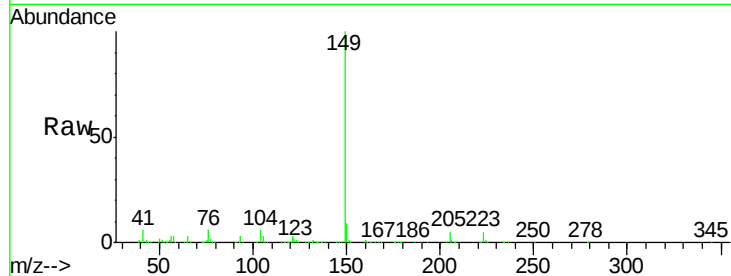




#73
Di-n-butylphthalate
Concen: 23.550 ng
RT: 18.37 min Scan# 2568
Delta R.T. -0.04 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

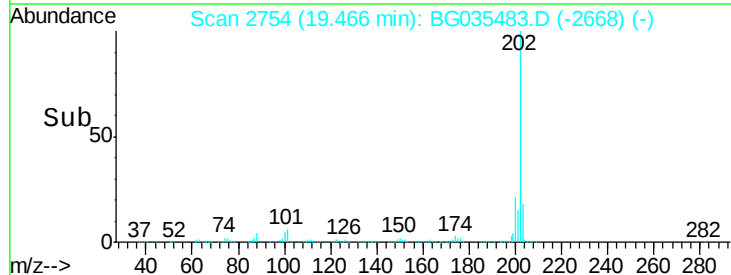
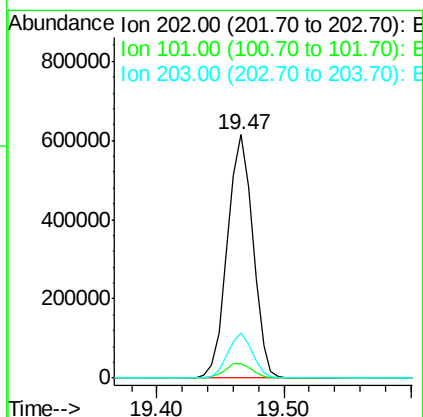
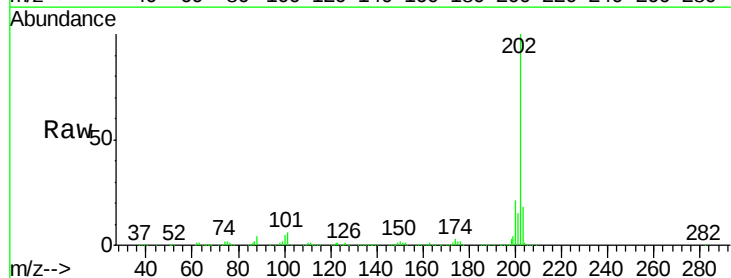
Instrument :
BNA_G
ClientSampleId :
PB110650BS

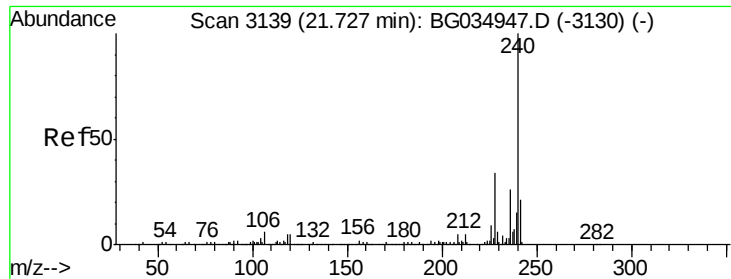
Tgt Ion:149 Resp: 679400
Ion Ratio Lower Upper
149 100
150 9.4 7.8 11.6
104 6.1 3.9 5.9#



#74
Fluoranthene
Concen: 25.185 ng
RT: 19.47 min Scan# 2754
Delta R.T. -0.02 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion:202 Resp: 853487
Ion Ratio Lower Upper
202 100
101 6.2 0.0 28.9
203 18.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

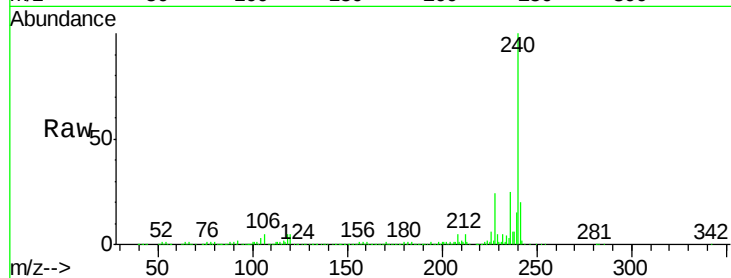
Tgt Ion:240 Resp: 546937

Ion Ratio Lower Upper

240 100

120 4.8 6.8 10.2#

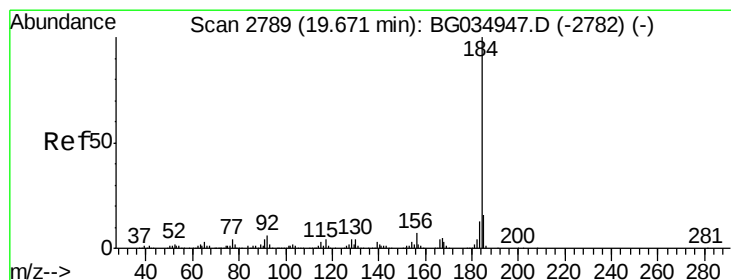
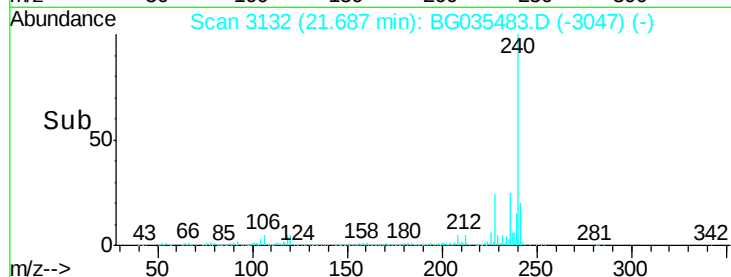
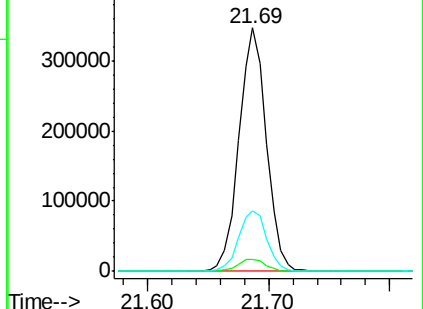
236 25.1 20.9 31.3



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: 13.140 ng

RT: 19.64 min Scan# 2784

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

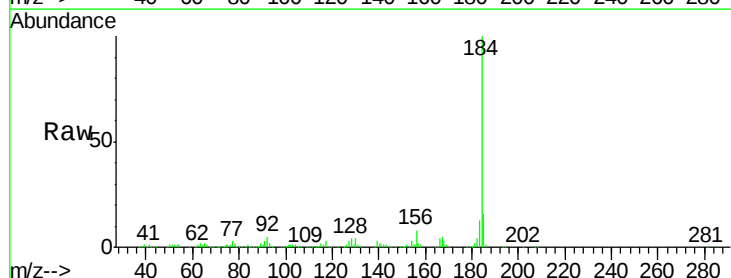
Tgt Ion:184 Resp: 267378

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

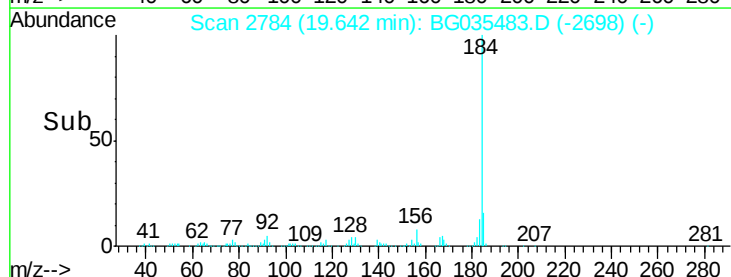
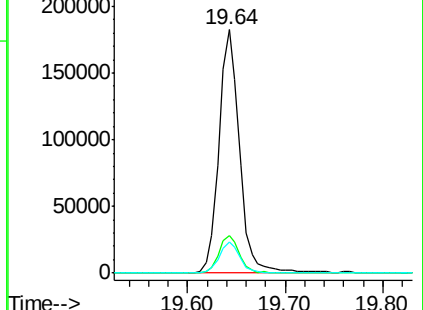
183 12.8 10.6 16.0

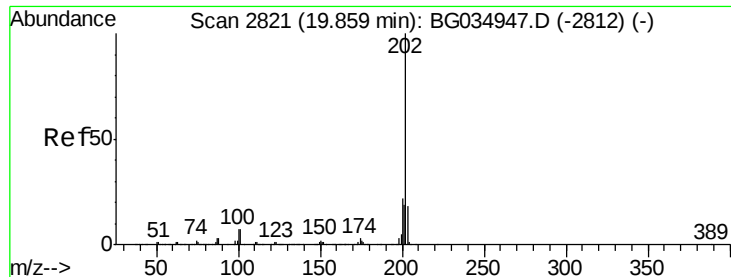


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 23.381 ng

RT: 19.82 min Scan# 2815

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

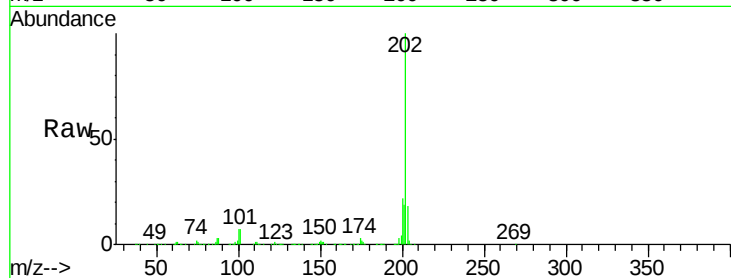
Tgt Ion:202 Resp: 843031

Ion Ratio Lower Upper

202 100

200 21.6 16.9 25.3

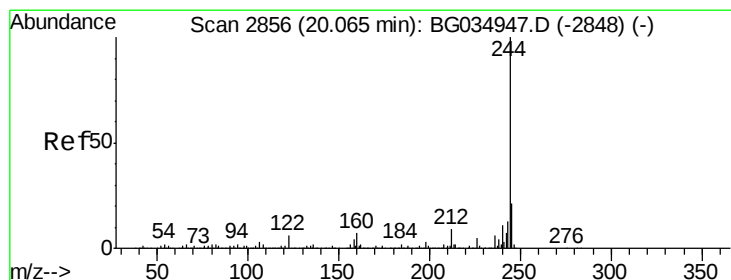
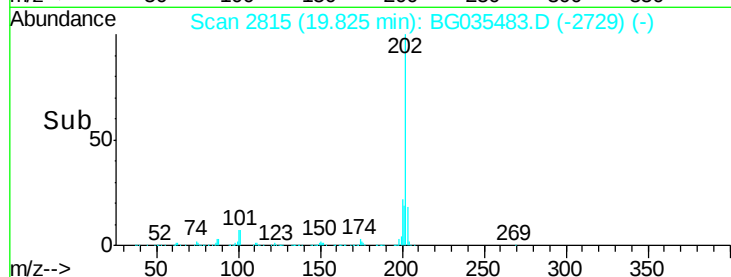
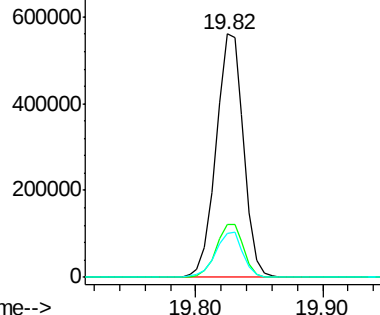
203 18.2 13.9 20.9



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: 50.888 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

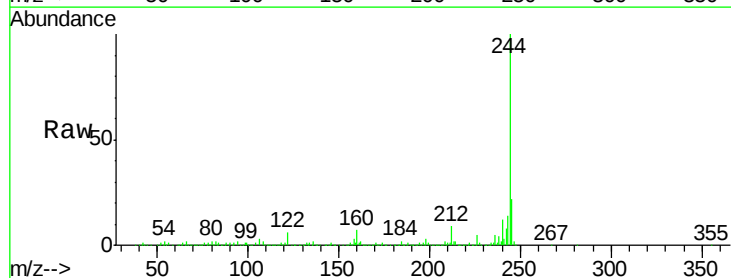
Tgt Ion:244 Resp: 1328731

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

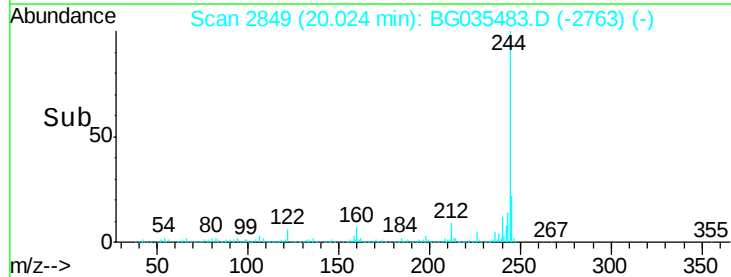
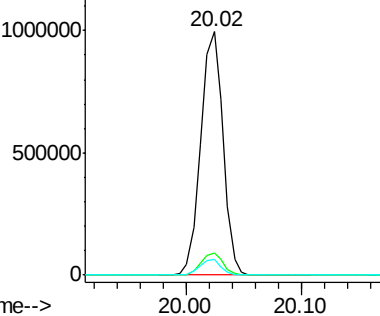
122 6.3 7.0 10.4#

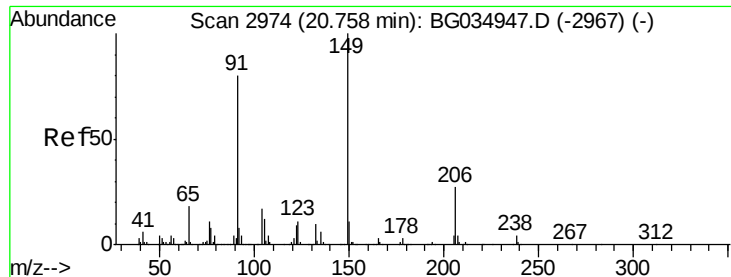


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

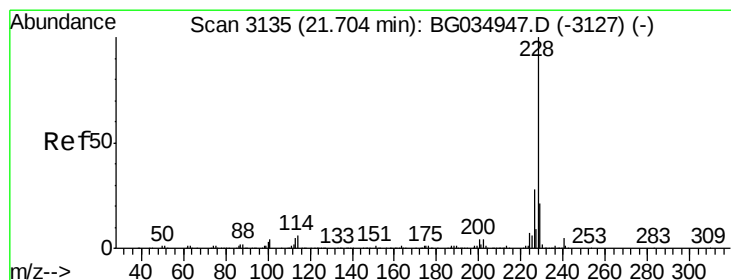
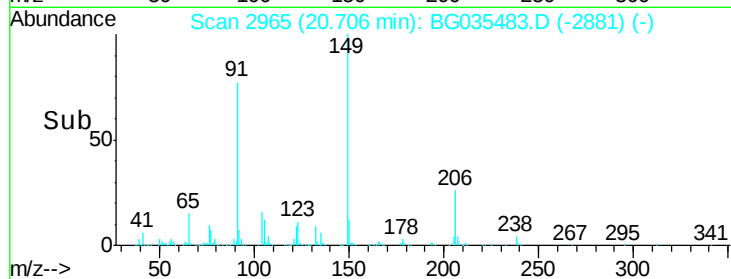
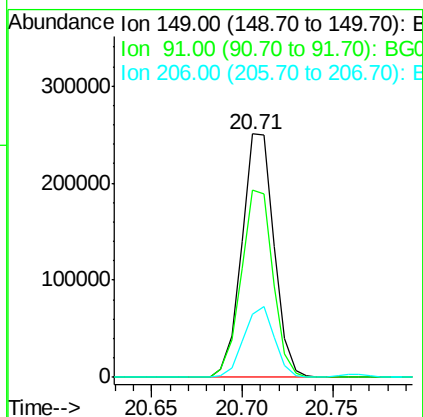
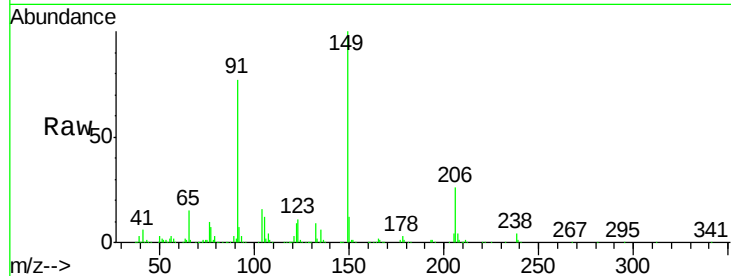




#79
Butylbenzylphthalate
Concen: 23.590 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.04 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

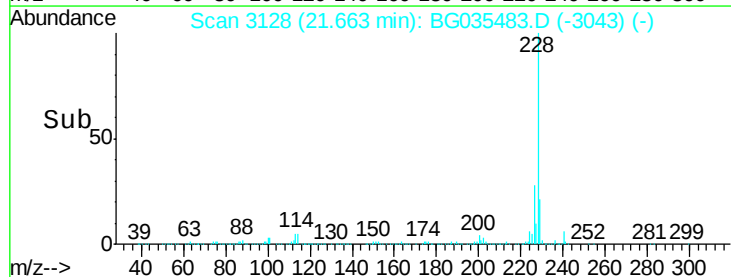
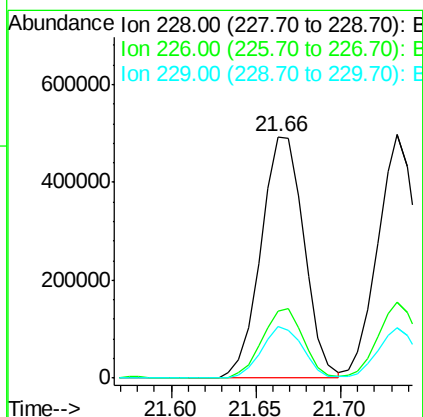
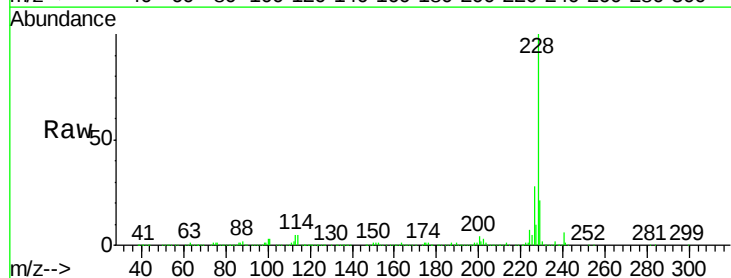
Instrument :
BNA_G
ClientSampleId :
PB110650BS

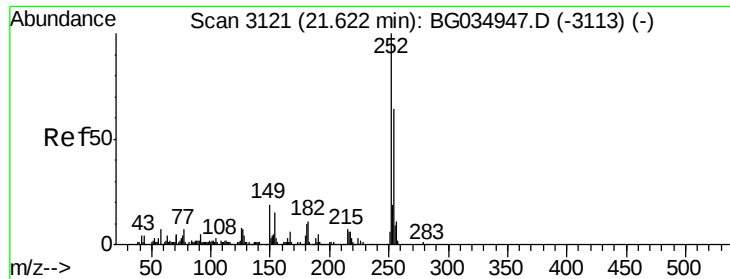
Tgt Ion:149 Resp: 308856
Ion Ratio Lower Upper
149 100
91 76.9 62.2 93.2
206 26.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 24.818 ng
RT: 21.66 min Scan# 3128
Delta R.T. -0.03 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion:228 Resp: 867397
Ion Ratio Lower Upper
228 100
226 27.9 22.7 34.1
229 21.3 16.2 24.2

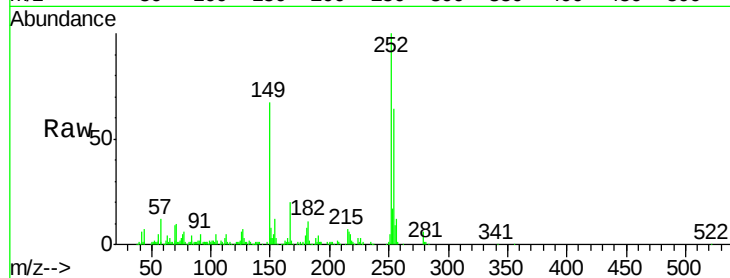




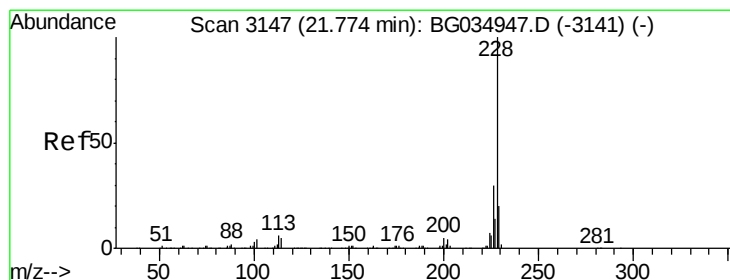
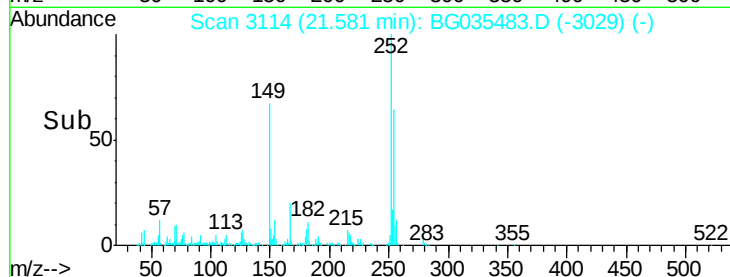
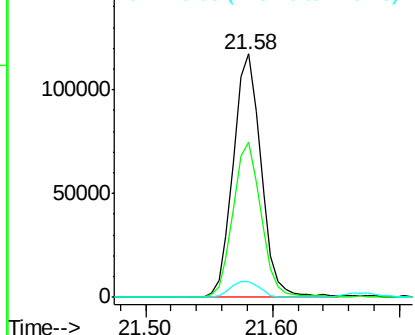
#81
 3,3'-Dichlorobenzidine
 Concen: 13.634 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

Tgt Ion:252 Resp: 179277
 Ion Ratio Lower Upper
 252 100
 254 63.5 50.8 76.2
 126 6.4 7.4 11.2#

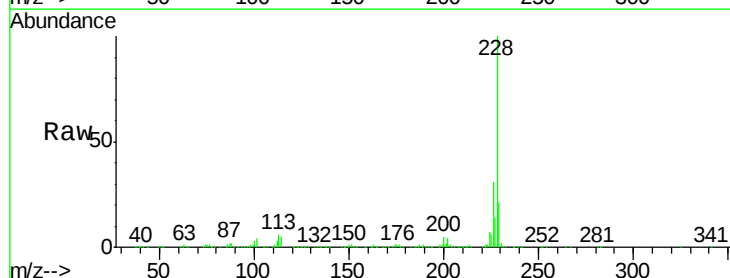


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

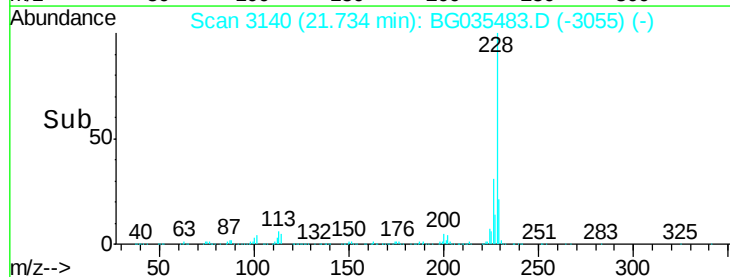
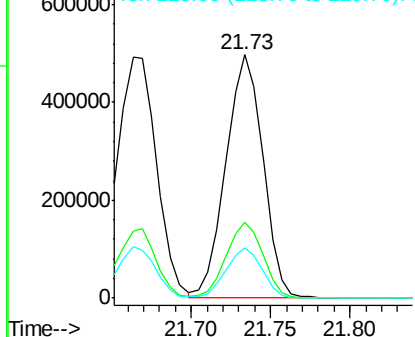


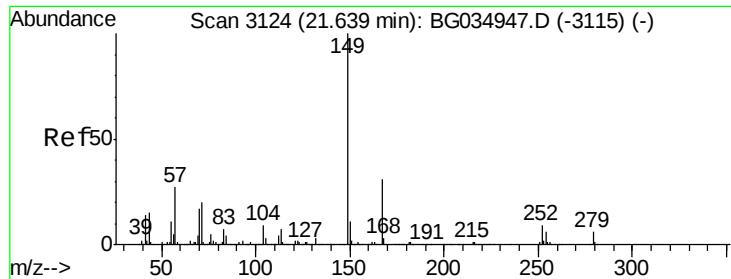
#82
 Chrysene
 Concen: 25.125 ng
 RT: 21.73 min Scan# 3140
 Delta R.T. -0.03 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Tgt Ion:228 Resp: 803998
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.7 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

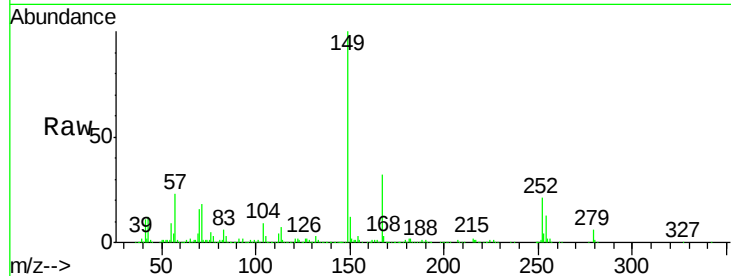




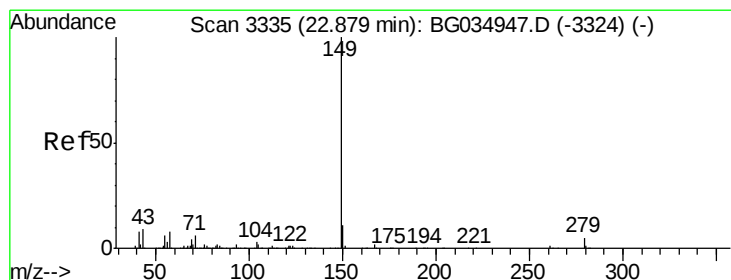
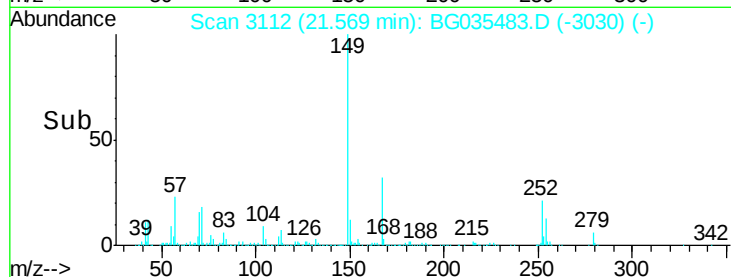
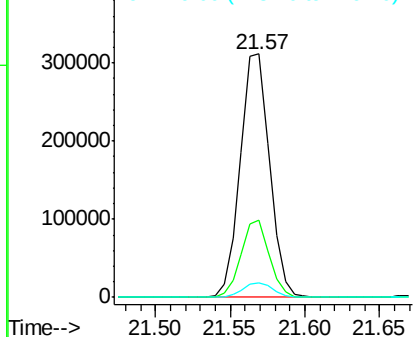
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 22.970 ng
 RT: 21.57 min Scan# 3112
 Delta R.T. -0.05 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

Tgt Ion:149 Resp: 424940
 Ion Ratio Lower Upper
 149 100
 167 31.6 24.3 36.5
 279 6.2 4.0 6.0#

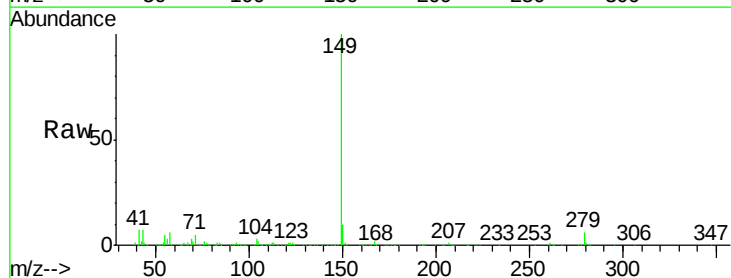


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

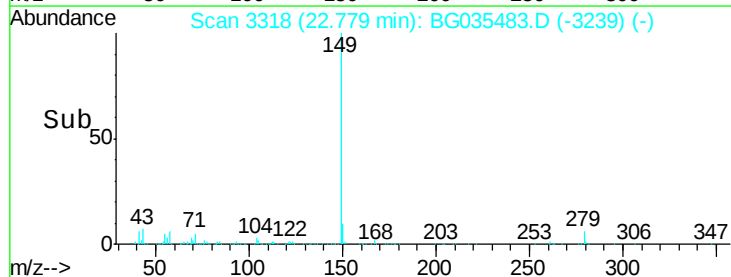
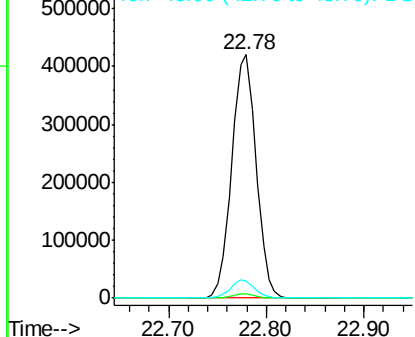


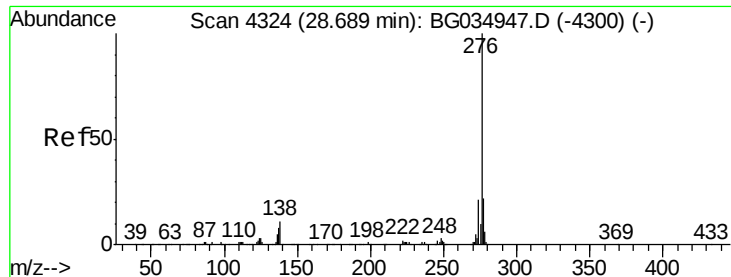
#84
 Di-n-octyl phthalate
 Concen: 22.954 ng
 RT: 22.78 min Scan# 3318
 Delta R.T. -0.07 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Tgt Ion:149 Resp: 728531
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 7.4 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: 24.345 ng

RT: 28.58 min Scan# 4305

Delta R.T. -0.08 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

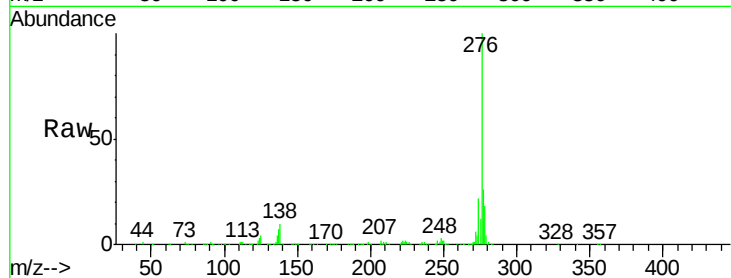
Tgt Ion:276 Resp: 912411

Ion Ratio Lower Upper

276 100

138 4.4 16.0 24.0#

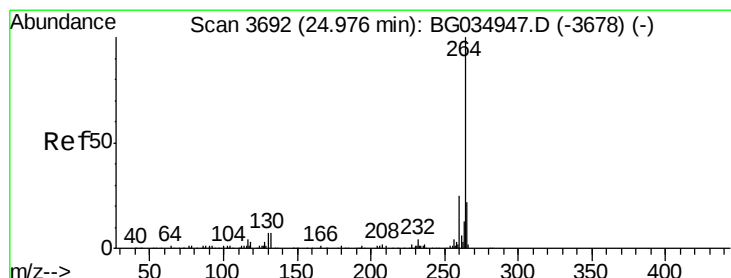
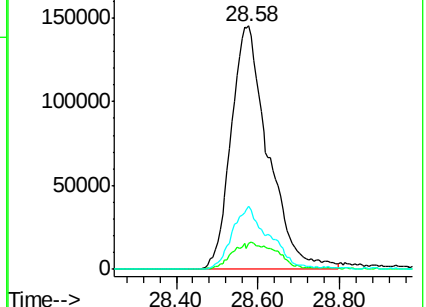
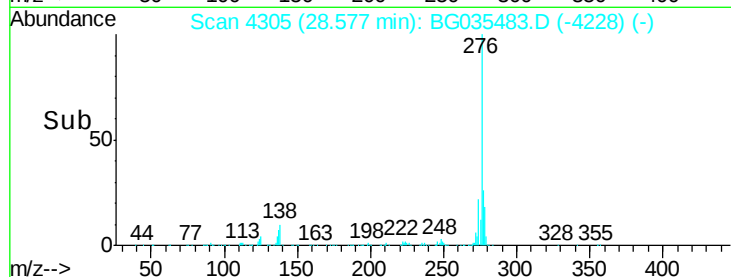
277 25.6 20.0 30.0



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: 24.91 min Scan# 3680

Delta R.T. -0.05 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

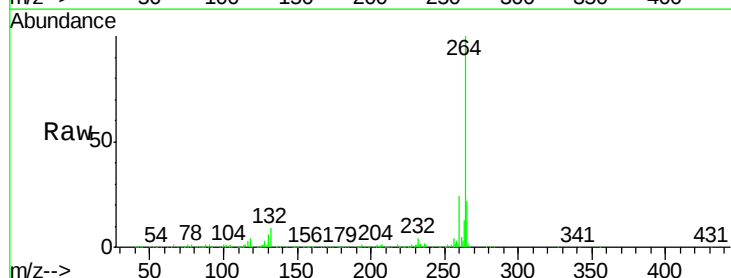
Tgt Ion:264 Resp: 559371

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

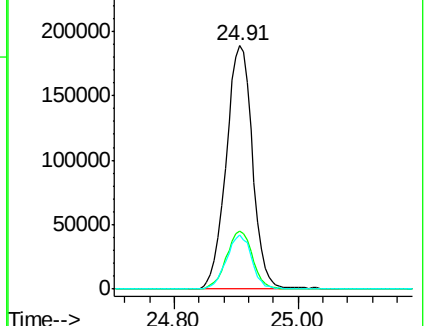
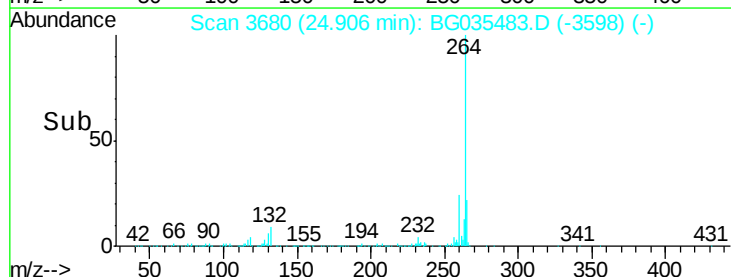
265 22.4 17.7 26.5

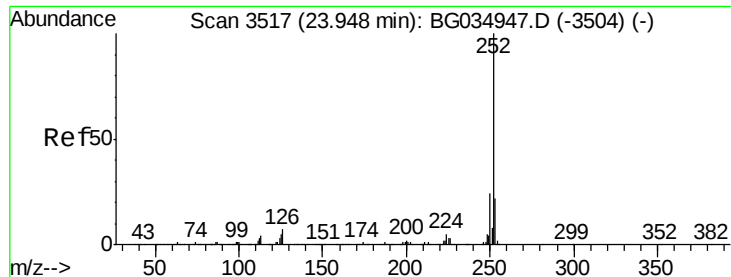


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

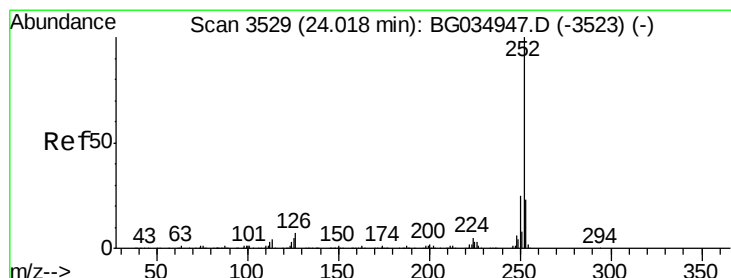
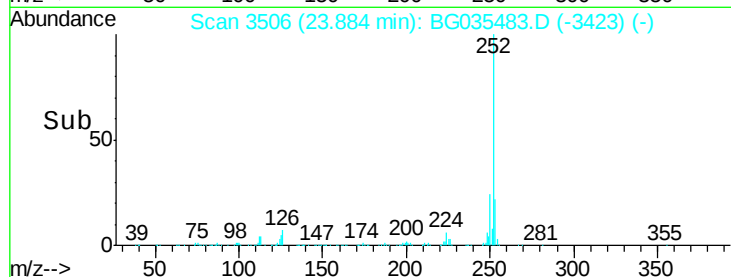
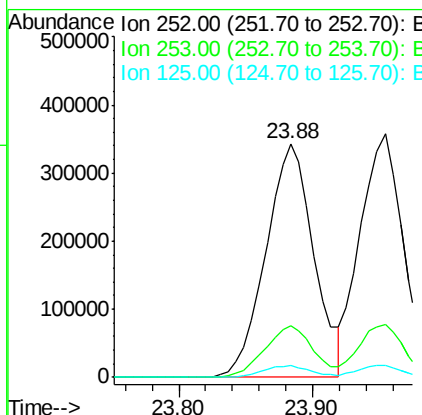
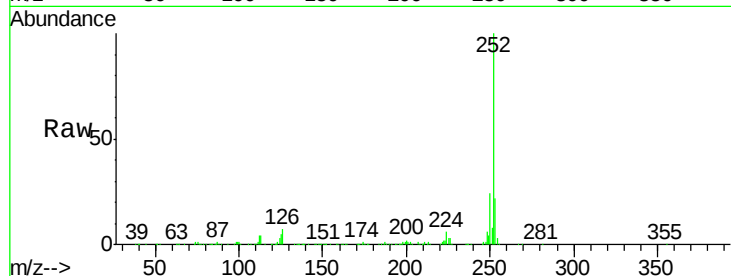




#87
Benzo(b)fluoranthene
Concen: 24.800 ng
RT: 23.88 min Scan# 3506
Delta R.T. -0.04 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

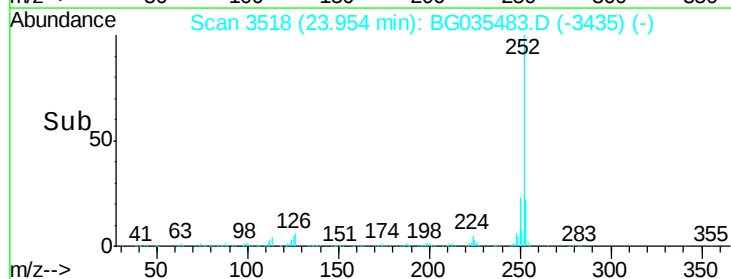
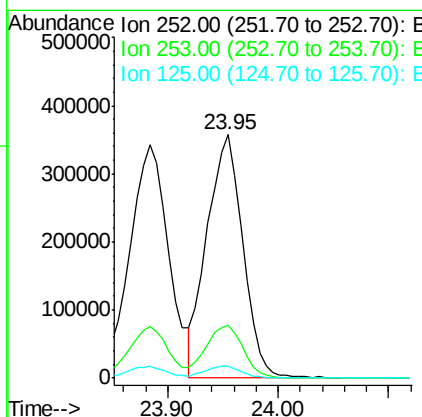
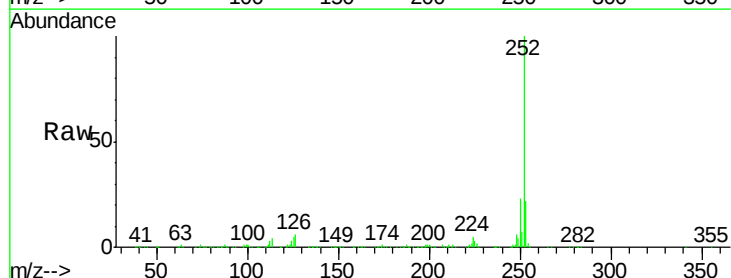
Instrument :
BNA_G
ClientSampleId :
PB110650BS

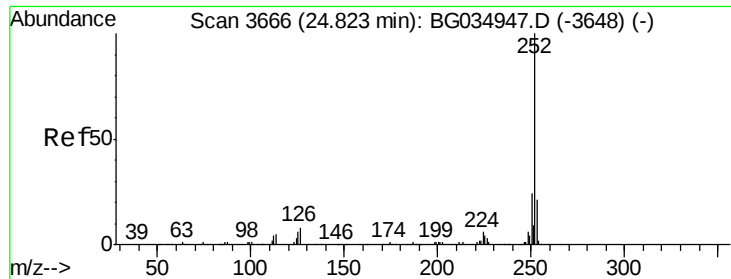
Tgt Ion:252 Resp: 854307
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 5.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 23.729 ng
RT: 23.95 min Scan# 3518
Delta R.T. -0.04 min
Lab File: BG035483.D
Acq: 28 Jun 2018 18:19

Tgt Ion:252 Resp: 799601
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 4.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 25.053 ng

RT: 24.75 min Scan# 3654

Delta R.T. -0.05 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

Instrument :

BNA_G

ClientSampleId :

PB110650BS

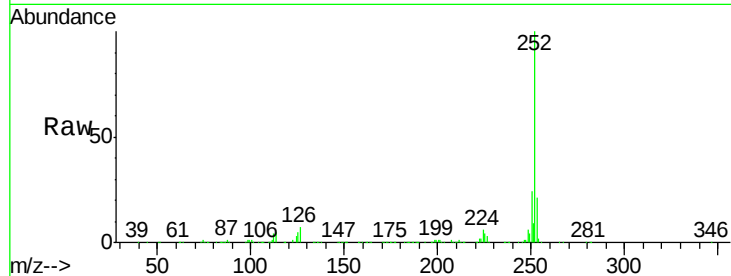
Tgt Ion:252 Resp: 812066

Ion Ratio Lower Upper

252 100

253 21.3 18.3 27.5

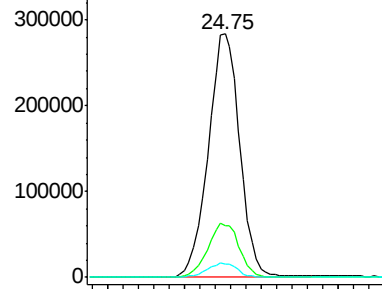
125 5.3 7.3 10.9#



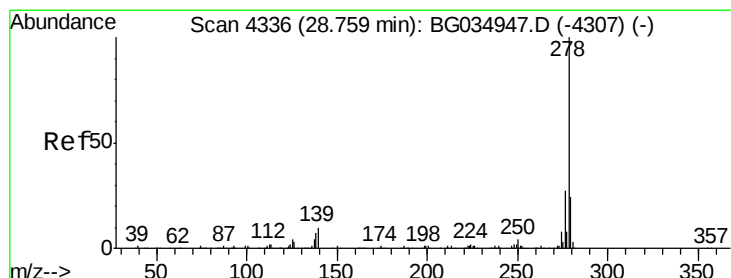
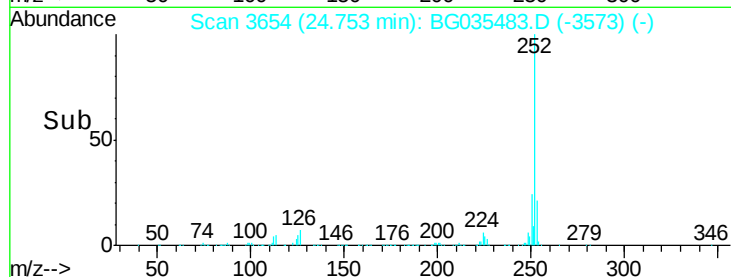
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time--> 24.60 24.70 24.80 24.90



#90

Dibenzo(a,h)anthracene

Concen: 22.540 ng

RT: 28.64 min Scan# 4316

Delta R.T. -0.08 min

Lab File: BG035483.D

Acq: 28 Jun 2018 18:19

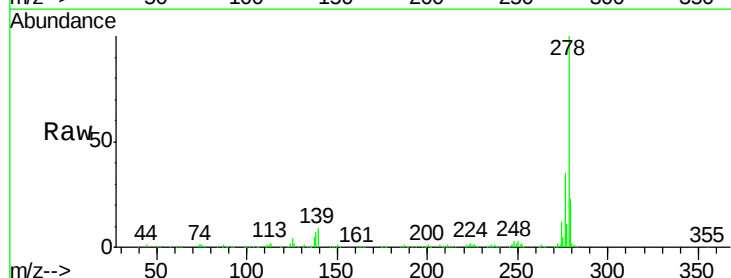
Tgt Ion:278 Resp: 721253

Ion Ratio Lower Upper

278 100

139 8.7 9.8 14.6#

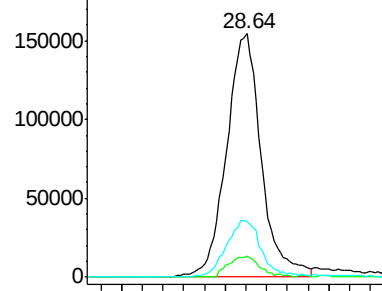
279 22.6 18.4 27.6



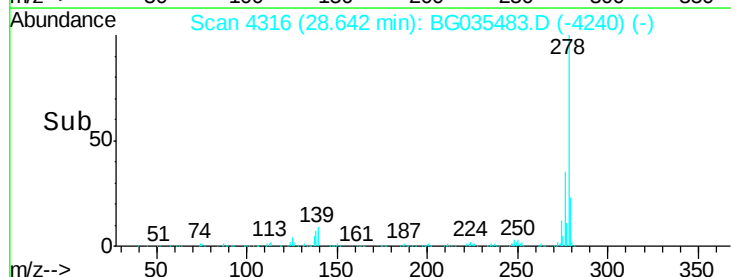
Abundance Ion 278.00 (277.70 to 278.70): E

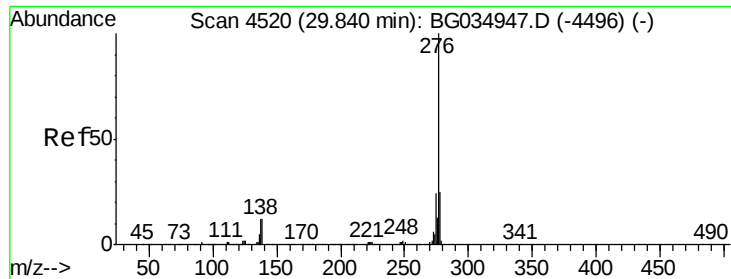
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 28.40 28.60 28.80





#91
 Benzo(g,h,i)perylene
 Concen: 23.622 ng
 RT: 29.72 min Scan# 4500
 Delta R.T. -0.08 min
 Lab File: BG035483.D
 Acq: 28 Jun 2018 18:19

Instrument :
 BNA_G
 ClientSampleId :
 PB110650BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.3	27.5
138	11.6	13.9	20.9

