

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035190.D
 Acq On : 16 Jun 2018 2:49
 Operator : SJ/JU
 Sample : PB110191BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 16 03:53:52 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	8.06	152	39777	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	165566	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	127501	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	352776	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	371262	20.00	ng	-0.02
86) Perylene-d12	24.92	264	370689	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	348019	147.65	ng	0.00
7) Phenol-d6	7.22	99	532925	153.19	ng	0.00
23) Nitrobenzene-d5	9.23	82	339494	97.47	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	264104	161.81	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	824832	84.10	ng	-0.02
78) Terphenyl-d14	20.03	244	1565374	88.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	31697	28.186	ng	# 77
3) Pyridine	3.94	79	100239	33.035	ng	# 73
4) n-Nitrosodimethylamine	3.86	42	44556	34.181	ng	# 74
6) Aniline	7.39	93	134718	29.959	ng	96
8) 2-Chlorophenol	7.63	128	117239	47.453	ng	92
9) Benzaldehyde	7.20	77	81460	30.400	ng	95
10) Phenol	7.25	94	177917	49.419	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	113092	40.472	ng	91
12) 1,3-Dichlorobenzene	7.95	146	121148	41.097	ng	96
13) 1,4-Dichlorobenzene	8.10	146	118422	38.916	ng	98
14) 1,2-Dichlorobenzene	8.42	146	116058	40.603	ng	98
15) Benzyl Alcohol	8.30	79	144050	43.700	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	127969	46.013	ng	74
17) 2-Methylphenol	8.50	107	120081	50.591	ng	# 91
18) Hexachloroethane	9.14	117	45206	41.495	ng	94
19) n-Nitroso-di-n-propylamine	8.86	70	110369	37.343	ng	# 85
20) 3+4-Methylphenols	8.82	107	168545	49.540	ng	94
22) Acetophenone	8.88	105	201260	39.242	ng	# 91
24) Nitrobenzene	9.27	77	165430	46.382	ng	# 95
25) Isophorone	9.78	82	324435	44.118	ng	99
26) 2-Nitrophenol	9.97	139	68819	55.977	ng	# 89
27) 2,4-Dimethylphenol	10.03	122	129209	50.000	ng	91
28) bis(2-Chloroethoxy)methane	10.27	93	171745	43.459	ng	99
29) 2,4-Dichlorophenol	10.51	162	148788	52.915	ng	92
30) 1,2,4-Trichlorobenzene	10.72	180	144616	42.892	ng	95
31) Naphthalene	10.92	128	365055	42.443	ng	98
32) Benzoic acid	10.15	122	82296	47.545	ng	94
33) 4-Chloroaniline	11.02	127	69728	18.671	ng	94
34) Hexachlorobutadiene	11.20	225	106548	40.634	ng	96
35) Caprolactam	11.79	113	38862	37.397	ng	# 60
36) 4-Chloro-3-methylphenol	12.13	107	184876	52.745	ng	96
37) 2-Methylnaphthalene	12.52	142	301253	46.198	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	199481	42.004	ng	98
40) Hexachlorocyclopentadiene	12.86	237	274976	92.331	ng	97

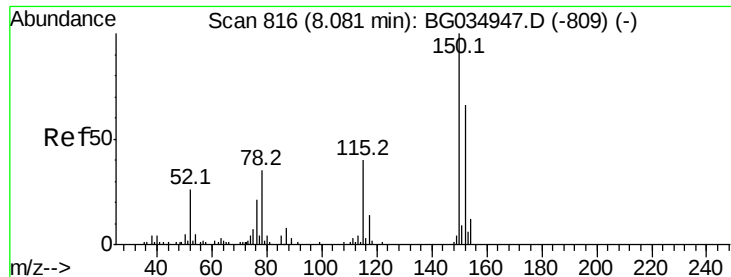
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061518\
 Data File : BG035190.D
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 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	141643	49.809	nq	97
43) 2,4,5-Trichlorophenol	13.19	196	153622	49.219	nq	99
45) 1,1'-Biphenyl	13.52	154	420073	40.973	nq	99
46) 2-Chloronaphthalene	13.56	162	334463	43.149	nq	97
47) 2-Nitroaniline	13.76	65	122183	53.380	nq	89
48) Acenaphthylene	14.41	152	569508	43.817	nq	97
49) Dimethylphthalate	14.14	163	474326	42.661	nq	100
50) 2,6-Dinitrotoluene	14.26	165	109371	53.920	nq #	89
51) Acenaphthene	14.75	154	348294	41.013	nq	99
52) 3-Nitroaniline	14.58	138	68810	34.571	nq #	95
53) 2,4-Dinitrophenol	14.79	184	80552	98.127	nq #	63
54) Dibenzofuran	15.08	168	555826	43.701	nq	95
55) 4-Nitrophenol	14.89	139	165024	98.240	nq #	87
56) 2,4-Dinitrotoluene	15.04	165	162882	60.450	nq #	85
57) Fluorene	15.73	166	466760	43.912	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.31	232	159596	52.635	nq	95
59) Diethylphthalate	15.50	149	486433	42.882	nq	97
60) 4-Chlorophenyl-phenylether	15.72	204	265458	43.796	nq	98
61) 4-Nitroaniline	15.75	138	111406	52.191	nq #	79
62) Azobenzene	16.02	77	489567	44.041	nq	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	79347	49.263	nq	82
65) n-Nitrosodiphenylamine	15.94	169	432555	40.829	nq	99
66) 4-Bromophenyl-phenylether	16.62	248	187945	44.240	nq	99
67) Hexachlorobenzene	16.73	284	191057	44.185	nq	95
68) Atrazine	16.88	200	195617	43.298	nq	98
69) Pentachlorophenol	17.08	266	215492	74.113	nq	97
70) Phenanthrene	17.47	178	780894	43.576	nq	97
71) Anthracene	17.56	178	804869	44.838	nq	98
72) Carbazole	17.83	167	721503	43.320	nq	98
73) Di-n-butylphthalate	18.39	149	825150	41.566	nq #	98
74) Fluoranthene	19.47	202	1029120	44.132	nq	96
76) Benzidine	19.65	184	354614	25.674	nq	98
77) Pyrene	19.84	202	1018869	41.629	nq	97
79) Butylbenzylphthalate	20.72	149	379142	42.661	nq #	96
80) Benzo(a)anthracene	21.67	228	1037443	43.728	nq	99
81) 3,3'-Dichlorobenzidine	21.59	252	225312	25.243	nq #	96
82) Chrysene	21.75	228	972701	44.780	nq	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	520587	41.455	nq	99
84) Di-n-octyl phthalate	22.80	149	894363	41.513	nq #	92
85) Indeno(1,2,3-cd)pyrene	28.61	276	1067184	41.948	nq #	88
87) Benzo(b)fluoranthene	23.90	252	992831	43.492	nq #	97
88) Benzo(k)fluoranthene	23.97	252	972680	43.558	nq #	98
89) Benzo(a)pyrene	24.77	252	964825	44.916	nq #	95
90) Dibenzo(a,h)anthracene	28.67	278	846281	39.910	nq #	96
91) Benzo(g,h,i)perylene	29.76	276	870244	41.935	nq #	94

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

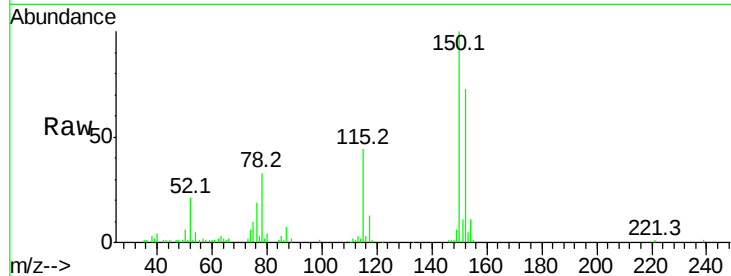


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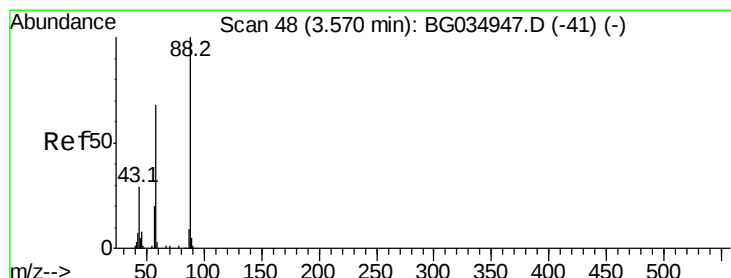
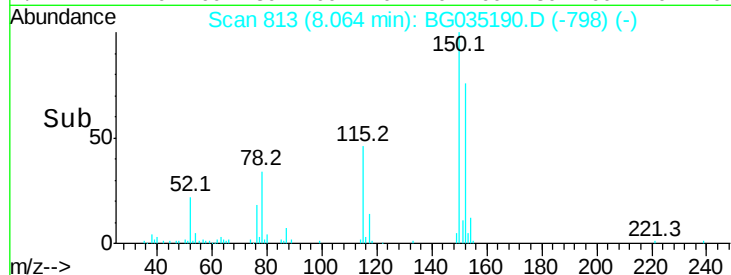
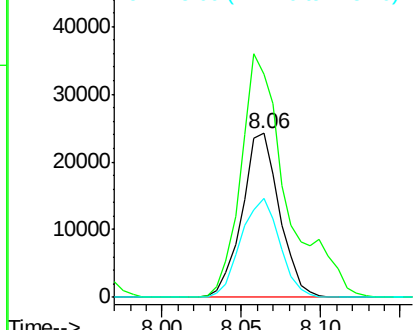
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 39777
Ion Ratio Lower Upper
152 100
150 136.5 126.6 189.8
115 60.5 53.0 79.4



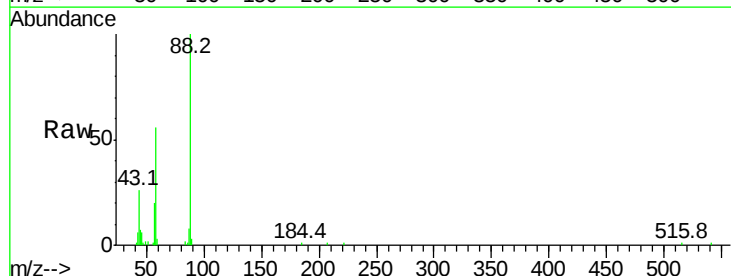
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



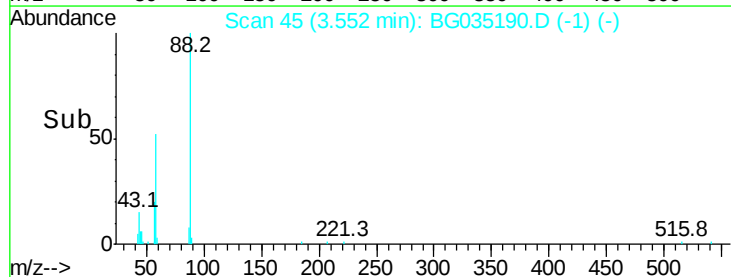
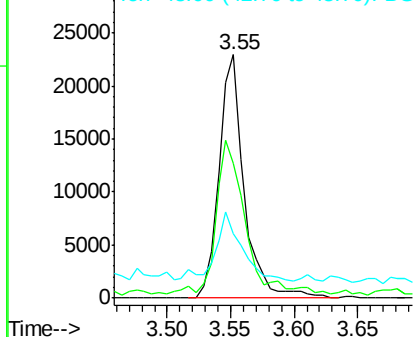
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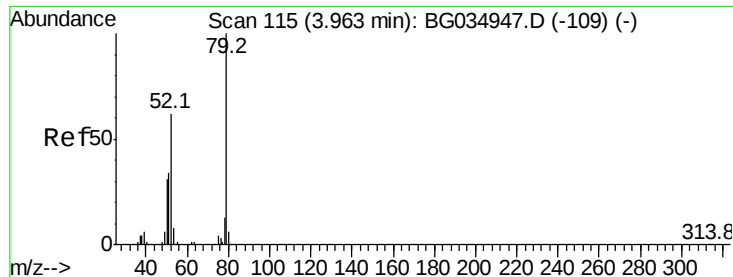
1,4-Dioxane
Concen: 28.186 ng
RT: 3.55 min Scan# 45
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion: 88 Resp: 31697
Ion Ratio Lower Upper
88 100
58 71.8 79.6 119.4#
43 30.0 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 33.035 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

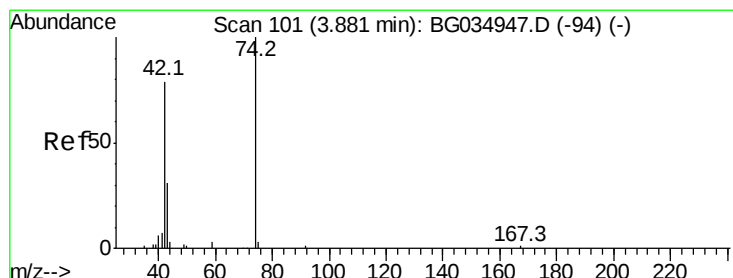
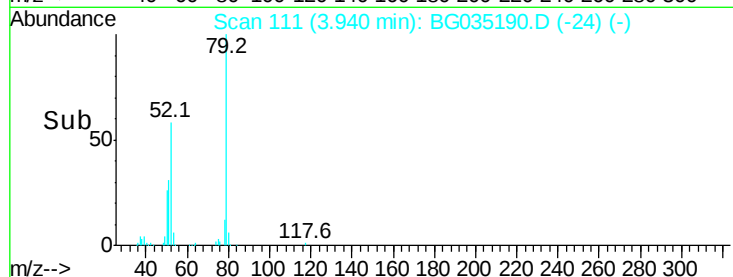
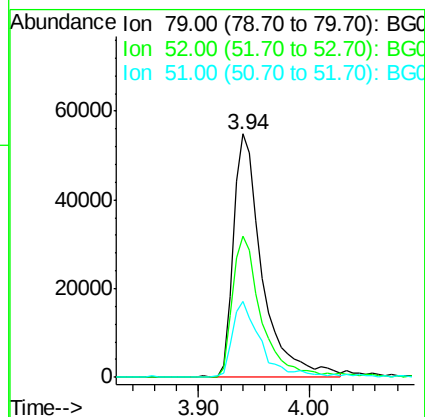
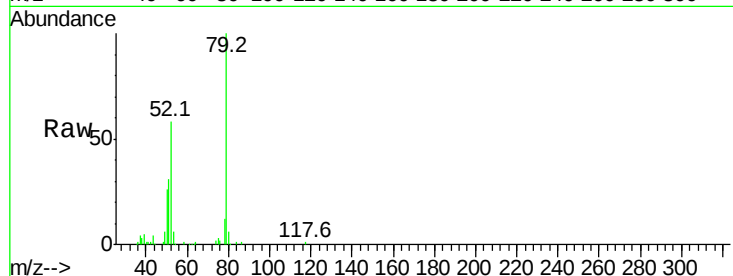
Tot Ion: 79 Resp: 100239

Ion Ratio Lower Upper

79 100

52 58.2 69.9 104.9#

51 30.9 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 34.181 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

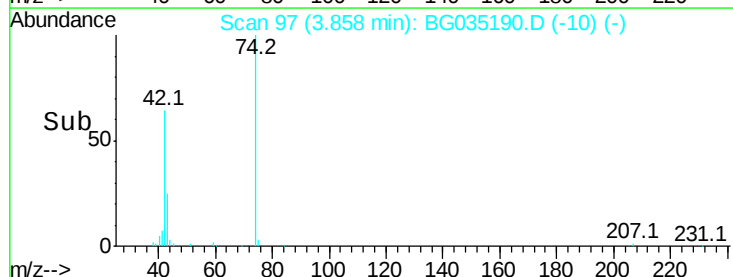
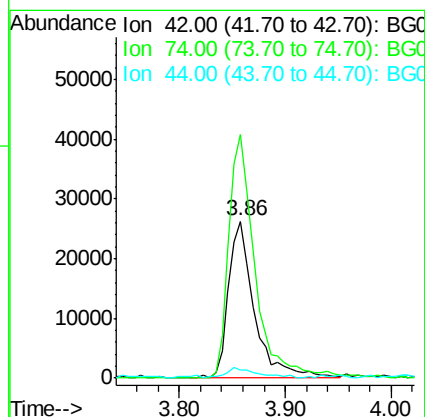
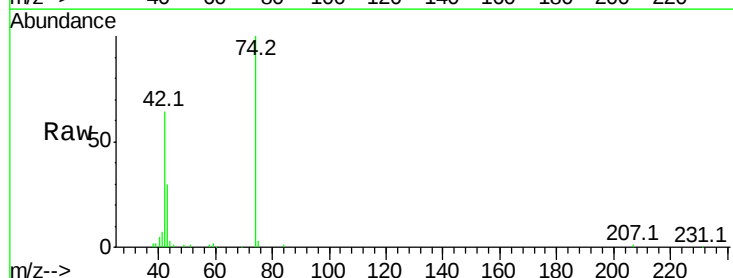
Tgt Ion: 42 Resp: 44556

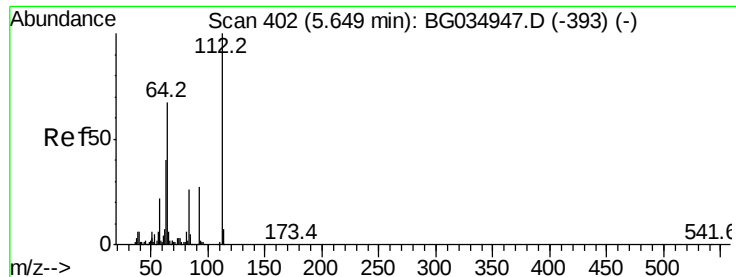
Ion Ratio Lower Upper

42 100

74 155.2 102.5 153.7#

44 5.3 18.9 28.3#





#5

2-Fluorophenol

Concen: 147.653 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

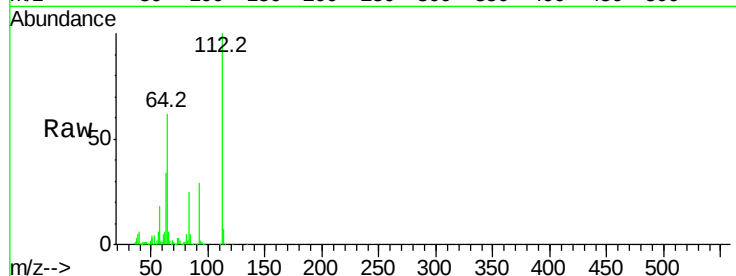
Tot Ion: 112 Resp: 348019

Ion Ratio Lower Upper

112 100

64 62.0 56.3 84.5

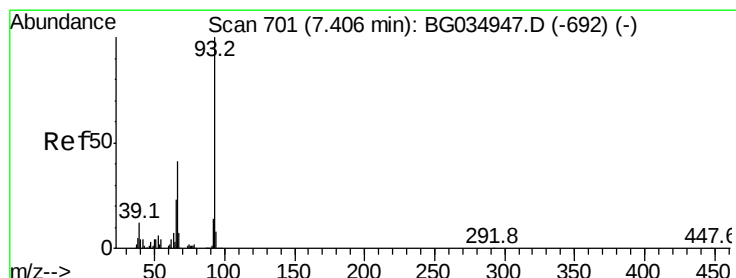
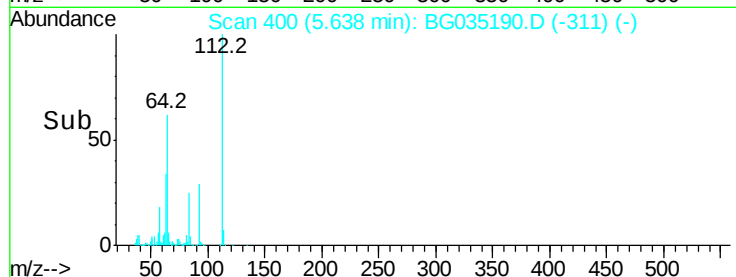
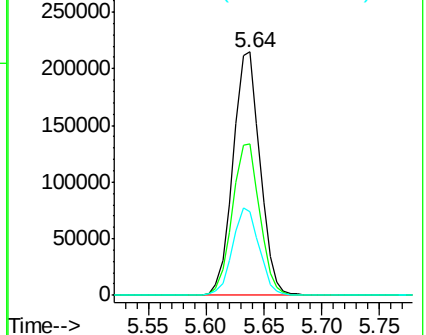
63 34.4 30.1 45.1



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: 29.959 ng

RT: 7.39 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

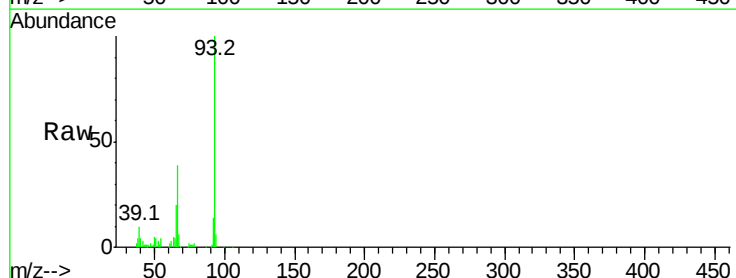
Tgt Ion: 93 Resp: 134718

Ion Ratio Lower Upper

93 100

66 38.9 33.7 50.5

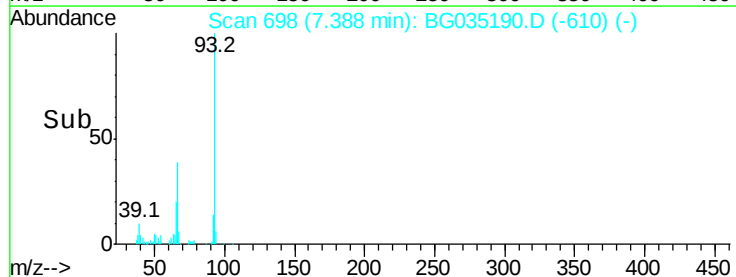
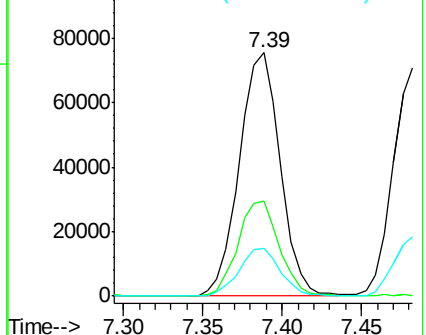
65 19.8 16.1 24.1

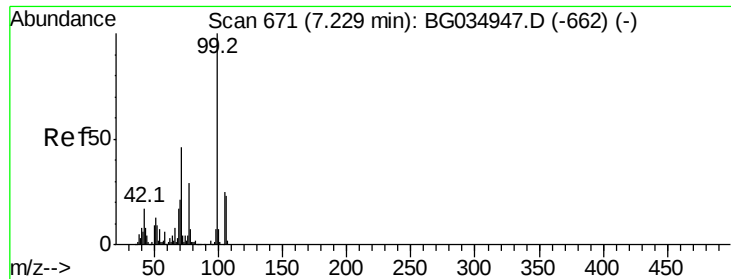


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.192 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

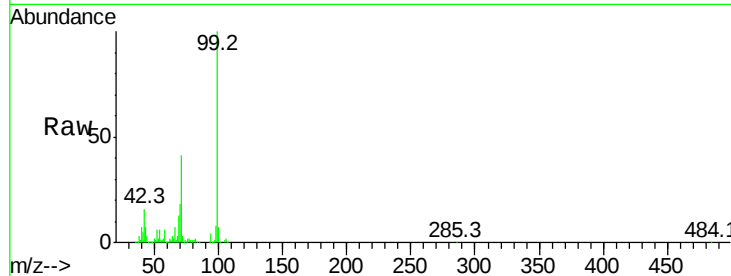
Tot Ion: 99 Resp: 532925

Ion Ratio Lower Upper

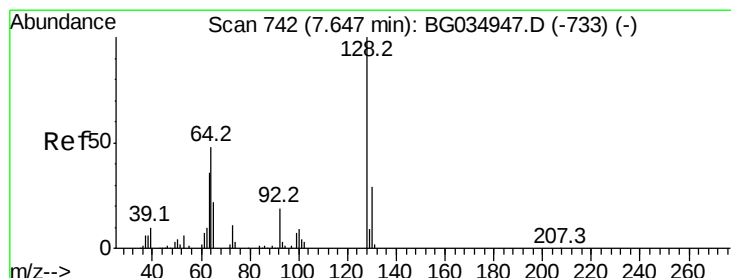
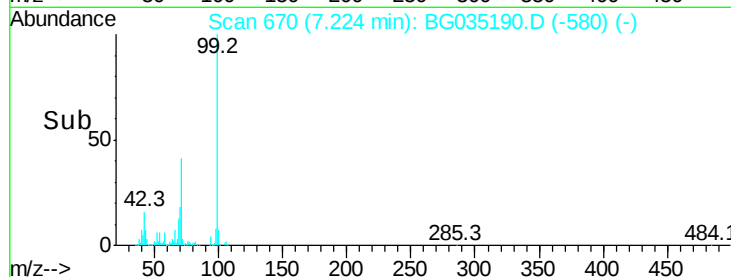
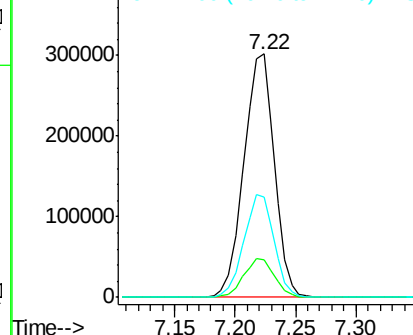
99 100

42 15.5 14.1 21.1

71 41.3 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: 47.453 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

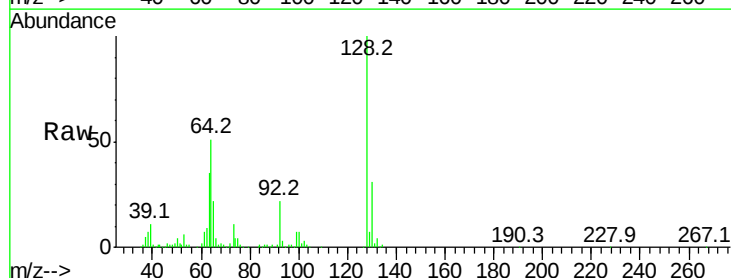
Tgt Ion:128 Resp: 117239

Ion Ratio Lower Upper

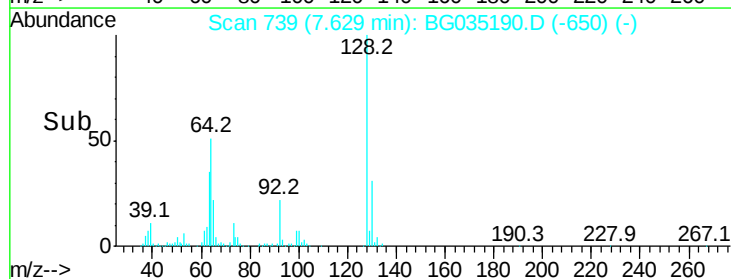
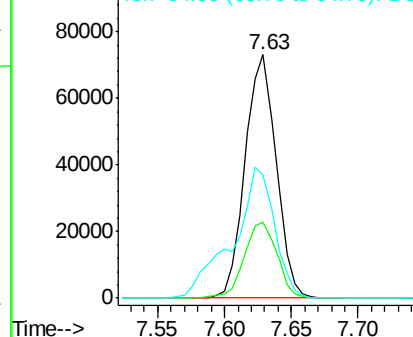
128 100

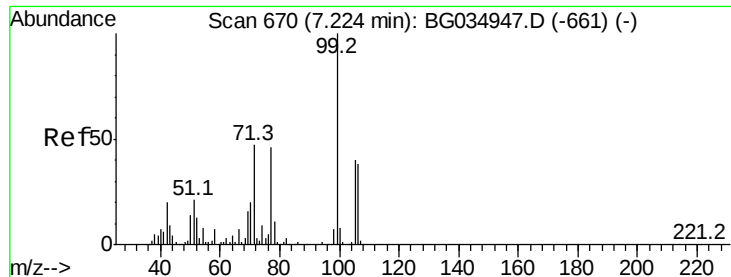
130 31.1 14.0 54.0

64 50.7 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: 30.400 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampled :

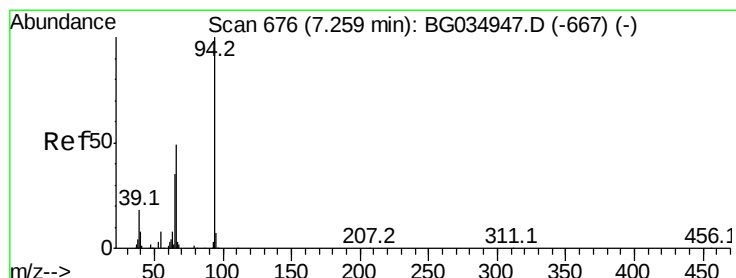
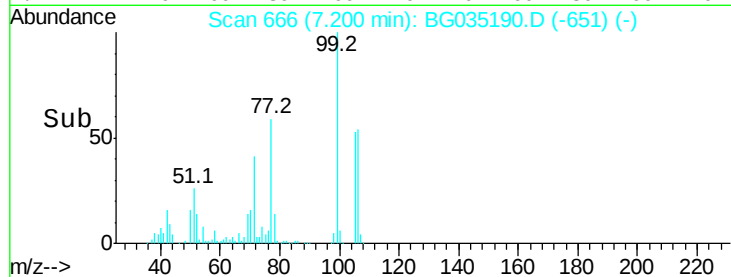
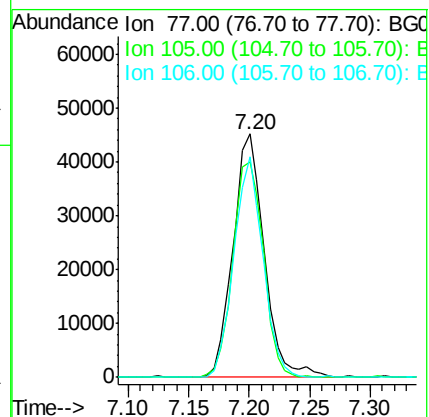
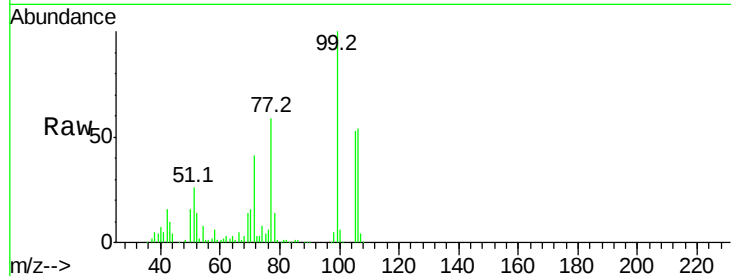
Tot Ion: 77 Resp: 81460

Ion Ratio Lower Upper

77 100

105 88.5 71.3 111.3

106 90.4 64.2 104.2



#10

Phenol

Concen: 49.419 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

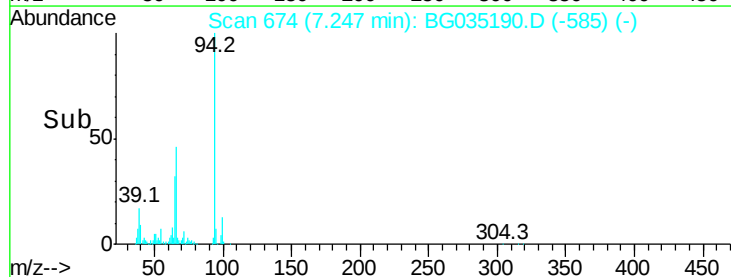
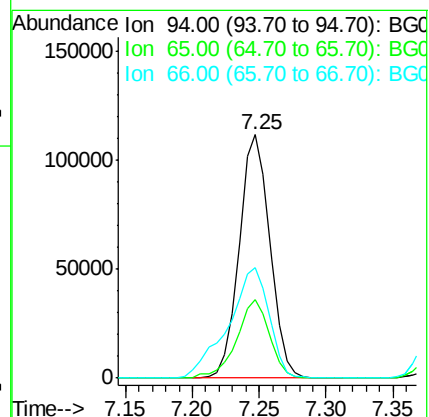
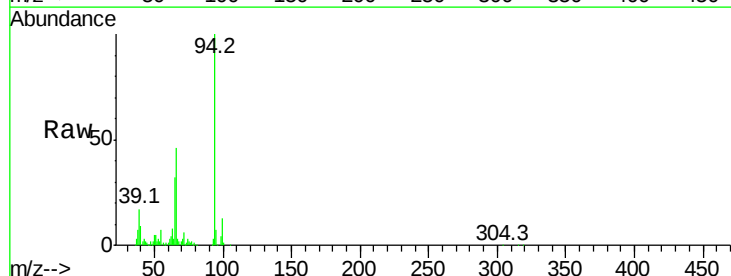
Tgt Ion: 94 Resp: 177917

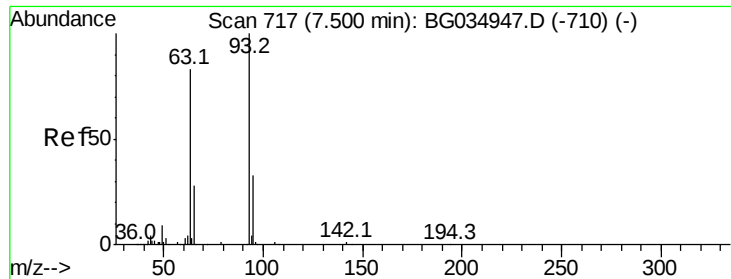
Ion Ratio Lower Upper

94 100

65 32.3 11.9 51.9

66 45.5 22.2 62.2

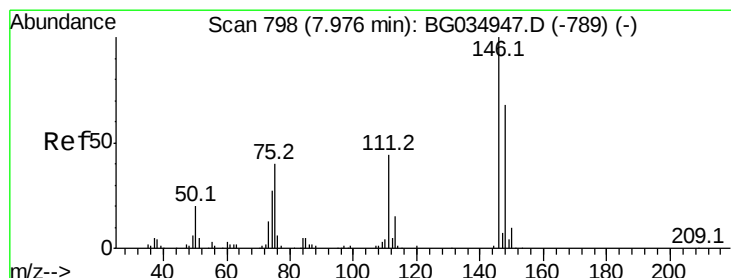
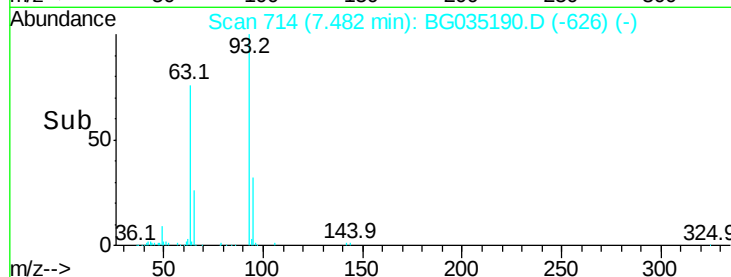
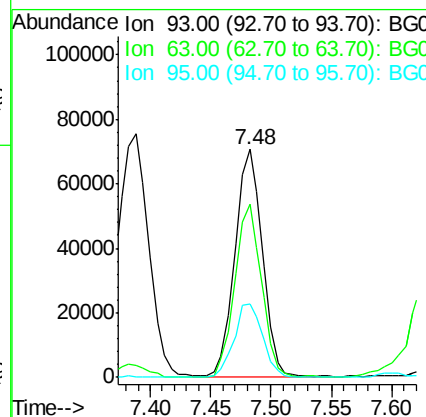
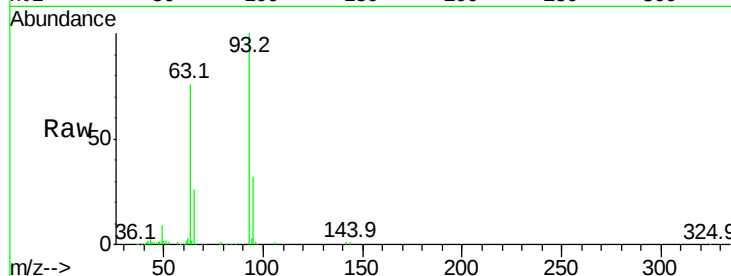




#11
bis(2-Chloroethyl)ether
Concen: 40.472 ng
RT: 7.48 min Scan# 714
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

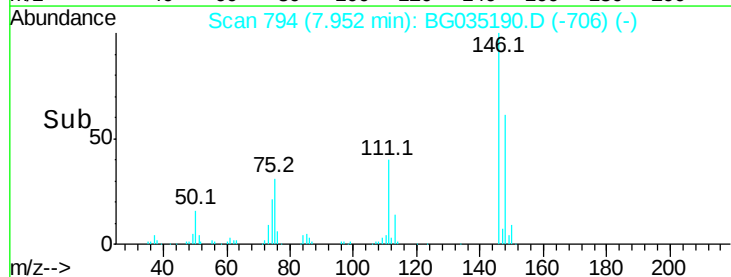
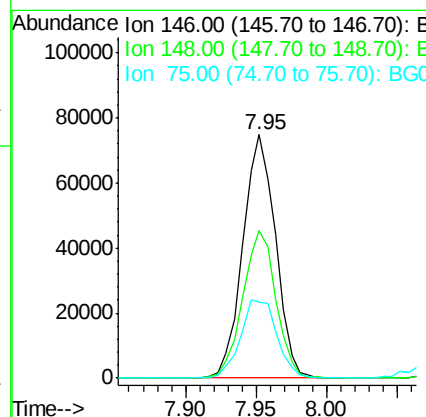
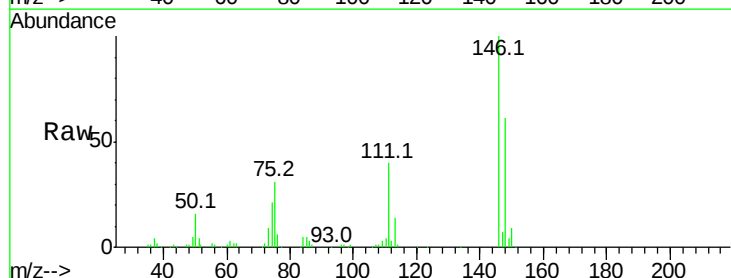
Instrument :
BNA_G
ClientSampleId :

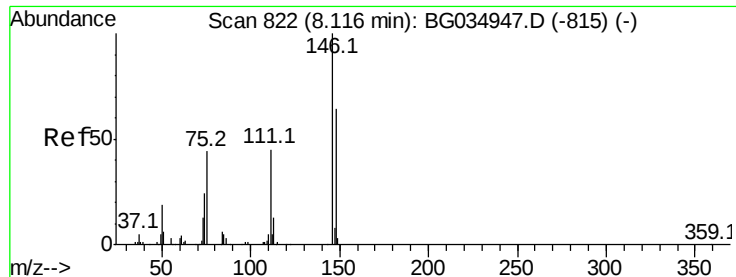
Tot Ion: 93 Resp: 113092
Ion Ratio Lower Upper
93 100
63 76.2 67.1 107.1
95 32.3 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 41.097 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion: 146 Resp: 121148
Ion Ratio Lower Upper
146 100
148 60.6 51.4 77.2
75 31.0 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 38.916 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampled :

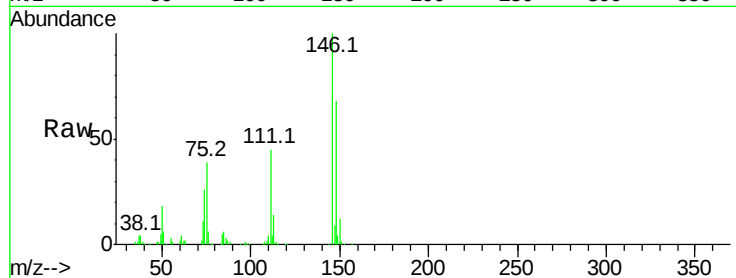
Tot Ion:146 Resp: 118422

Ion Ratio Lower Upper

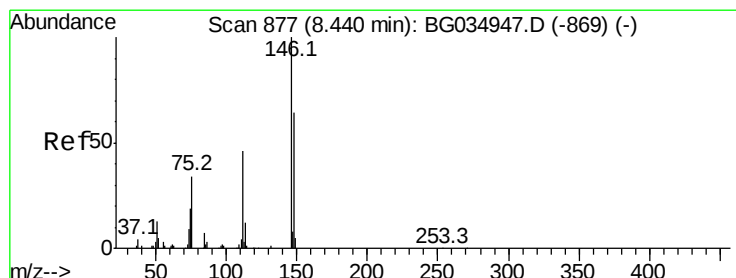
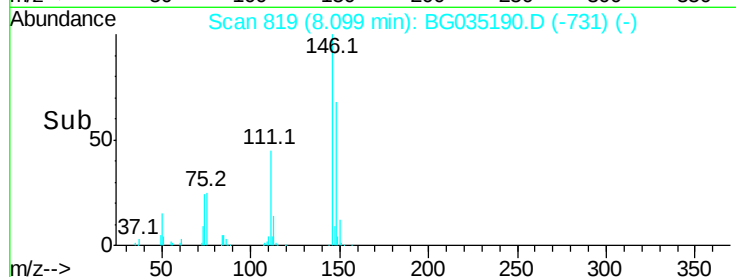
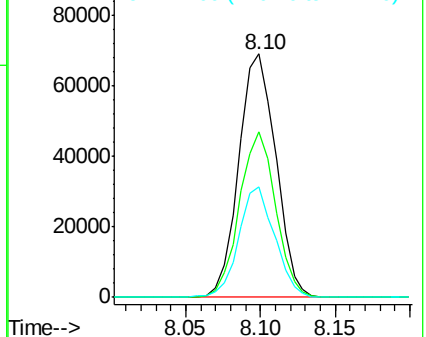
146 100

148 68.1 53.7 80.5

111 45.2 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.603 ng

RT: 8.42 min Scan# 873

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

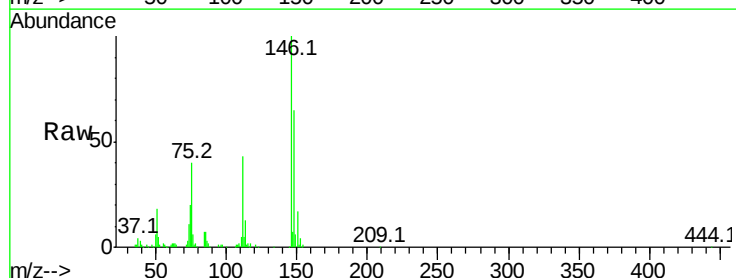
Tgt Ion:146 Resp: 116058

Ion Ratio Lower Upper

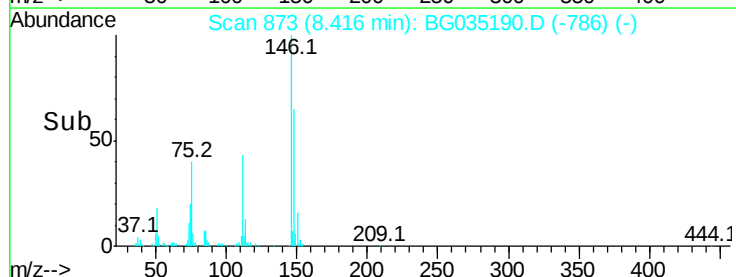
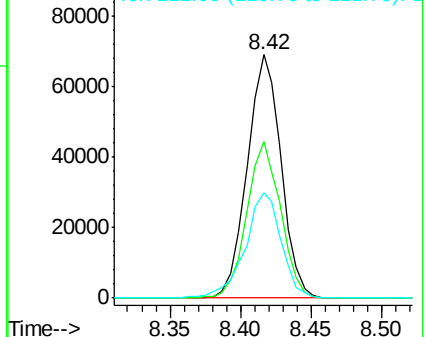
146 100

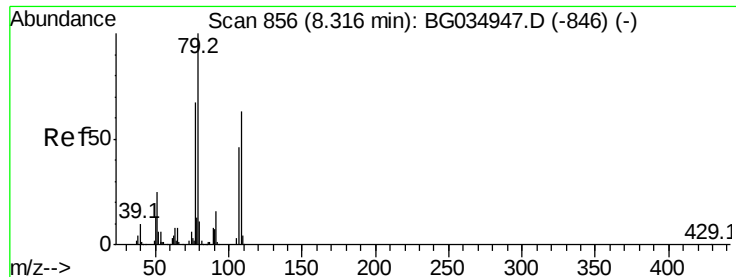
148 64.5 49.3 73.9

111 43.1 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.700 ng

RT: 8.30 min Scan# 853

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampled :

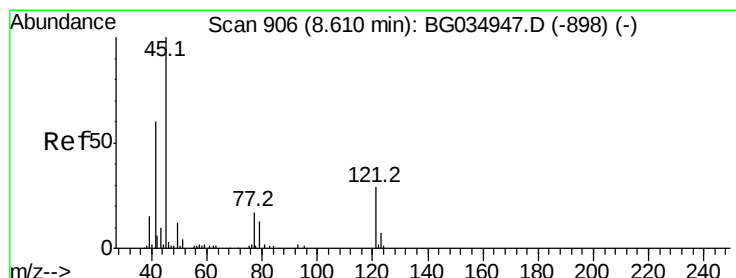
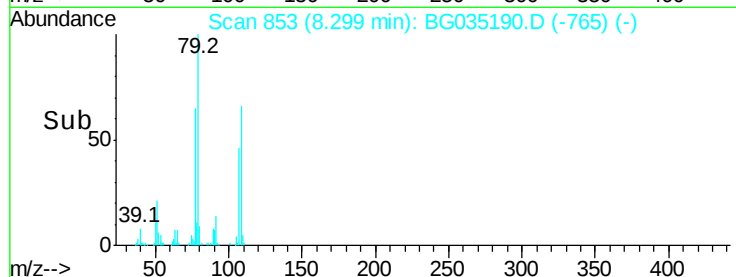
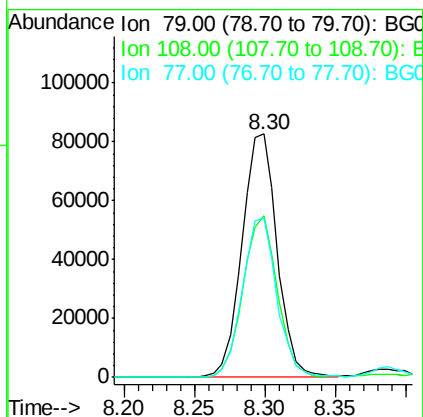
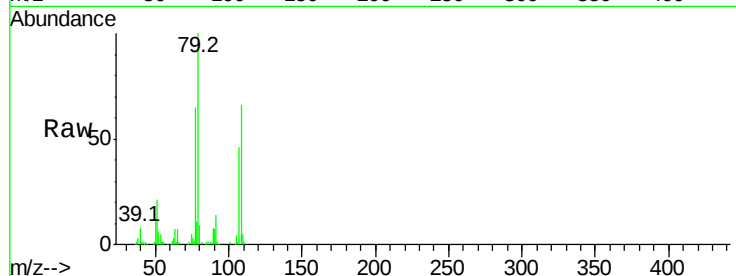
Tot Ion: 79 Resp: 144050

Ion Ratio Lower Upper

79 100

108 66.5 57.2 85.8

77 65.3 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.013 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

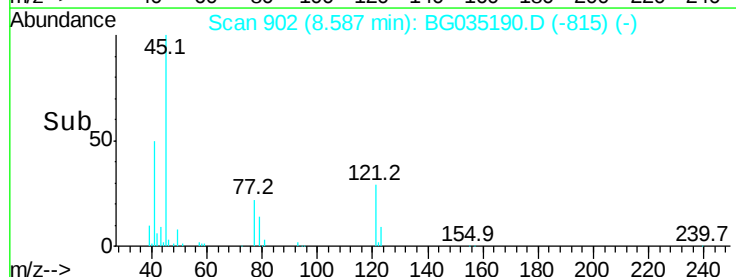
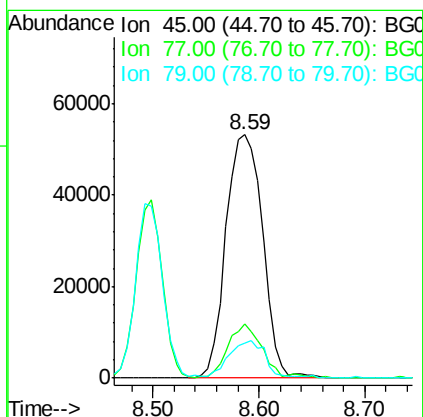
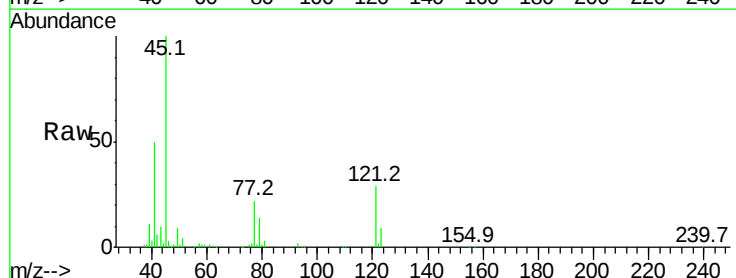
Tgt Ion: 45 Resp: 127969

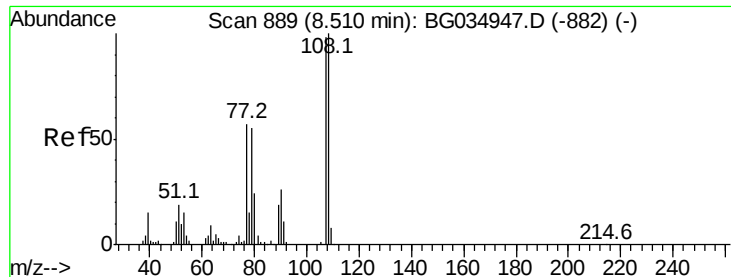
Ion Ratio Lower Upper

45 100

77 22.3 0.0 30.2

79 14.4 0.0 27.9





#17

2-Methylphenol

Concen: 50.591 ng

RT: 8.50 min Scan# 887

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 120081

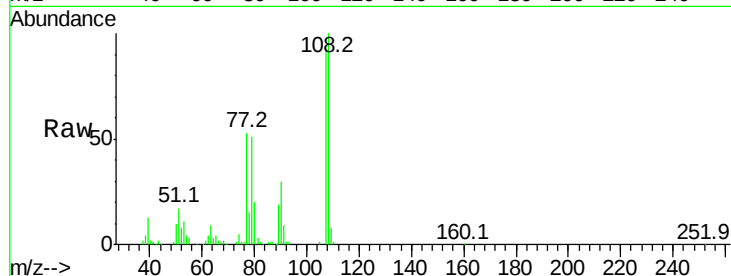
Ion Ratio Lower Upper

107 100

108 108.4 83.9 125.9

77 57.4 37.2 55.8#

79 55.3 36.2 54.2#

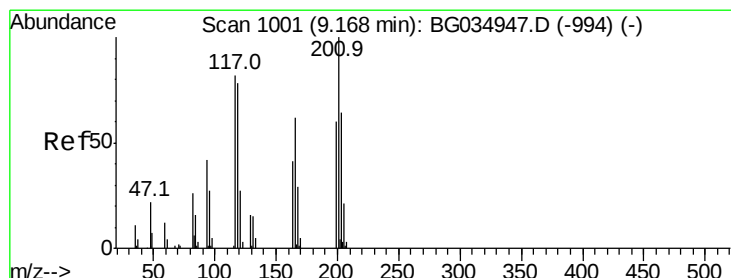
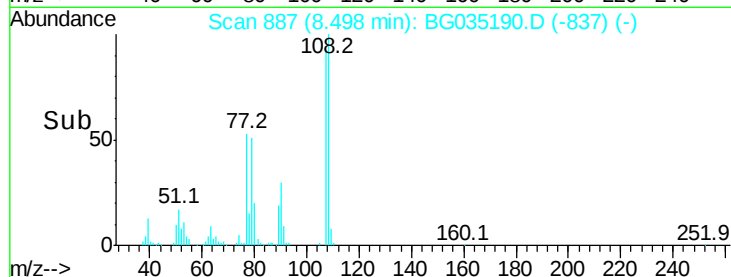
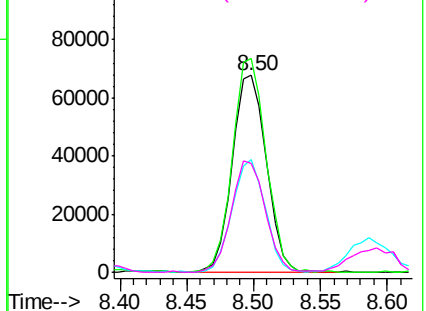


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.495 ng

RT: 9.14 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

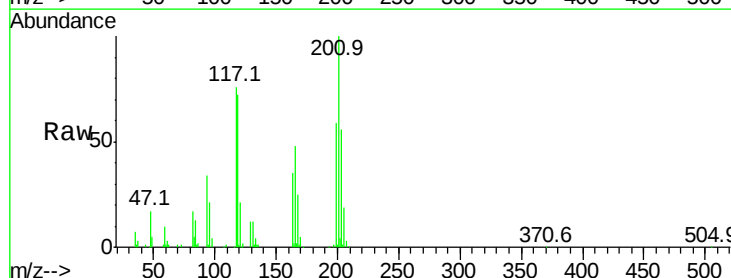
Tgt Ion:117 Resp: 45206

Ion Ratio Lower Upper

117 100

119 95.8 76.7 115.1

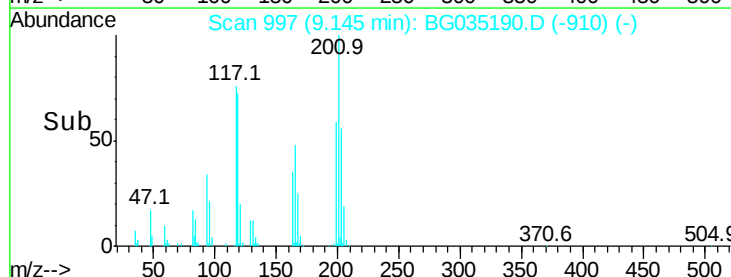
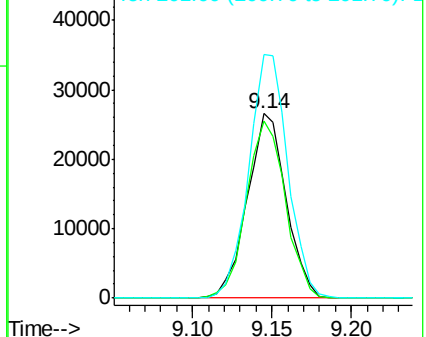
201 132.1 95.7 143.5

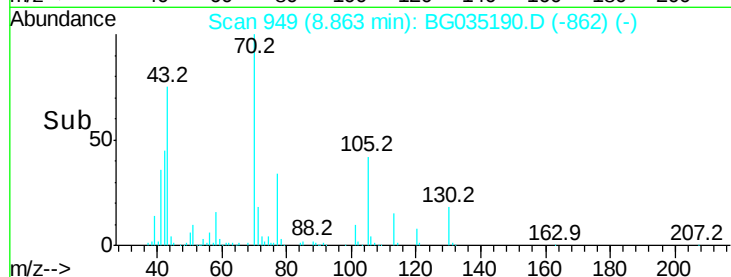
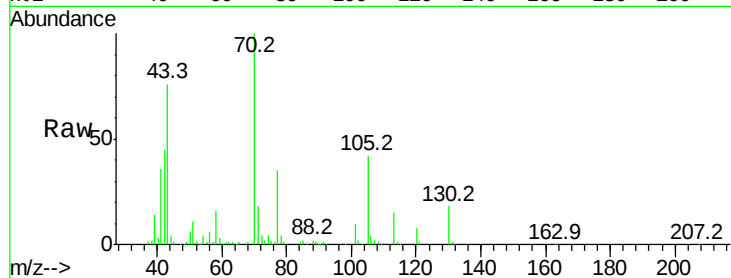
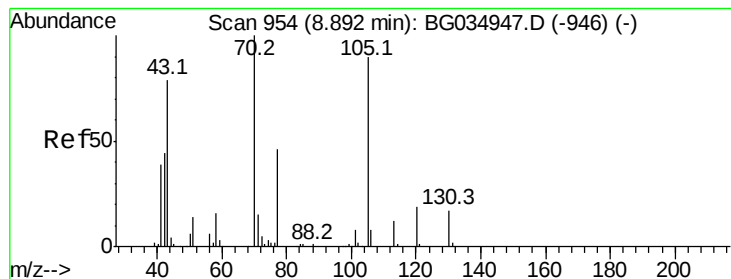


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.343 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 110369

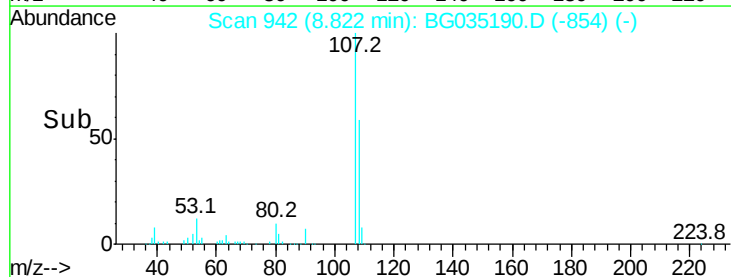
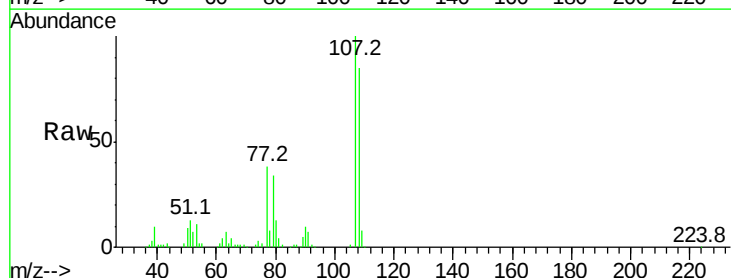
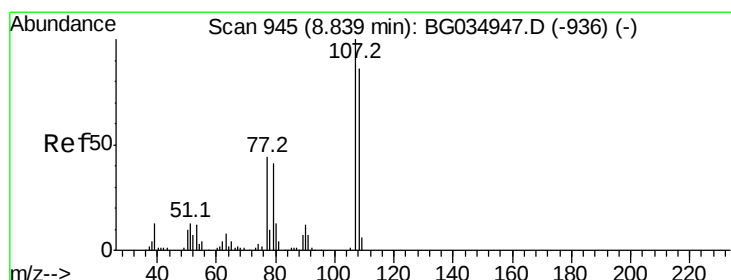
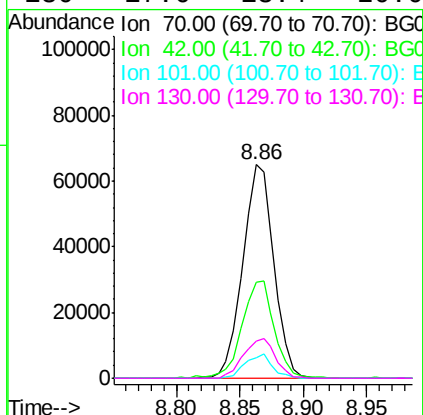
Ion Ratio Lower Upper

70 100

42 45.2 49.1 73.7#

101 9.7 8.5 12.7

130 17.6 13.4 20.0



#20

3+4-Methylphenols

Concen: 49.540 ng

RT: 8.82 min Scan# 942

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion: 107 Resp: 168545

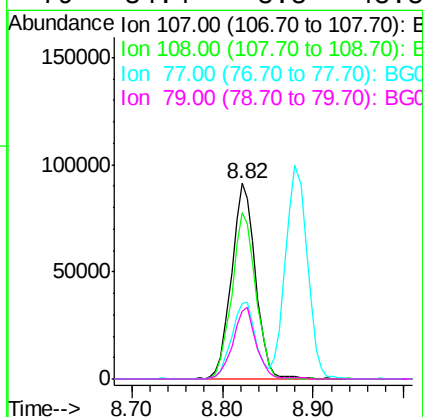
Ion Ratio Lower Upper

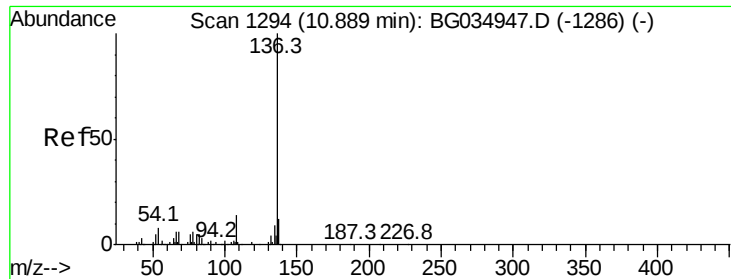
107 100

108 85.1 61.6 101.6

77 38.4 13.9 53.9

79 34.4 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 165566

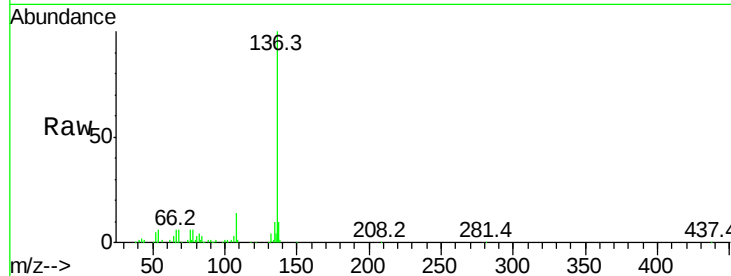
Ion Ratio Lower Upper

136 100

137 9.9 9.2 13.8

54 6.5 10.3 15.5#

68 5.7 4.5 6.7

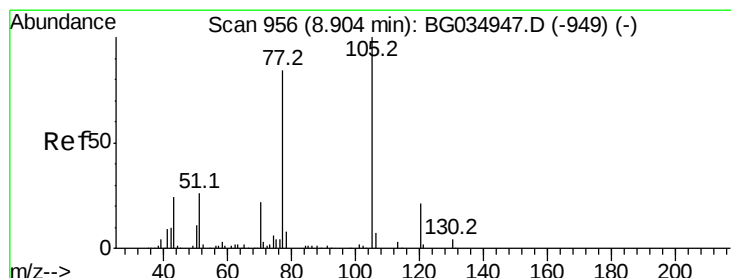
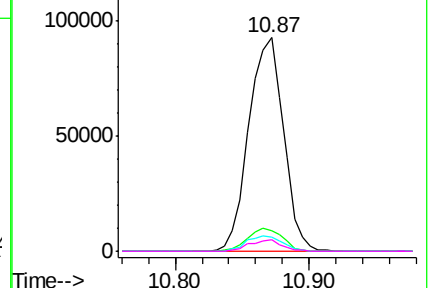
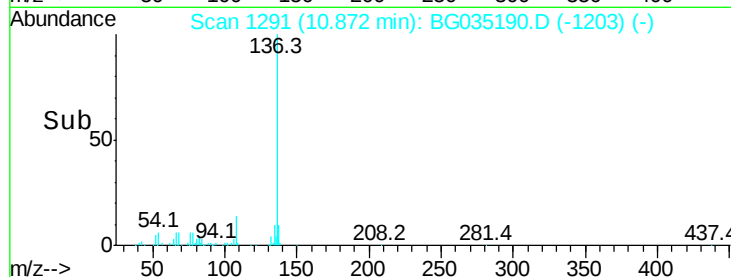


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.242 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:105 Resp: 201260

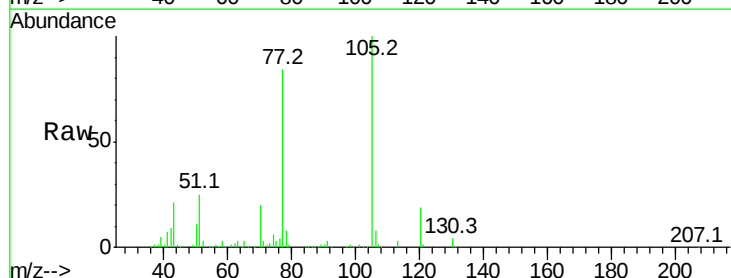
Ion Ratio Lower Upper

105 100

71 3.1 3.0 4.4

51 25.4 26.1 39.1#

120 19.2 17.4 26.2

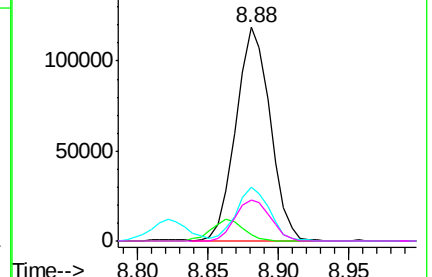
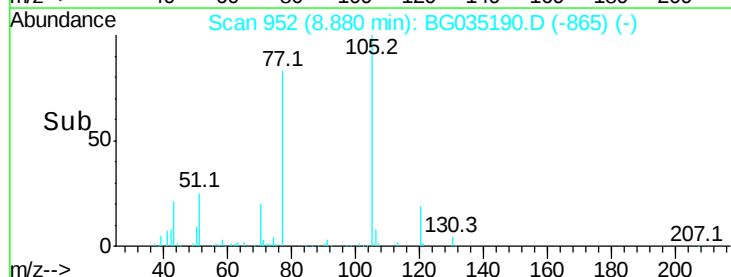


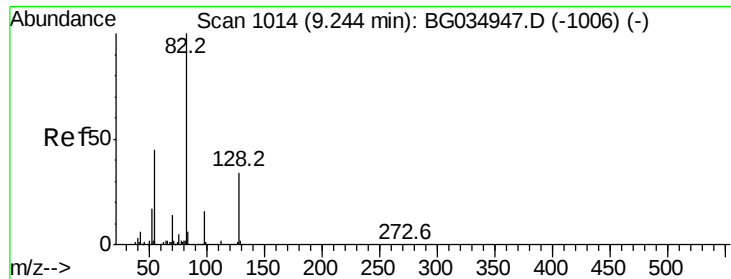
Abundance Ion 105.00 (104.70 to 105.70): E

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

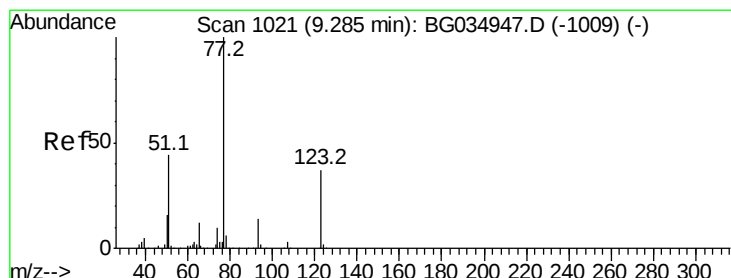
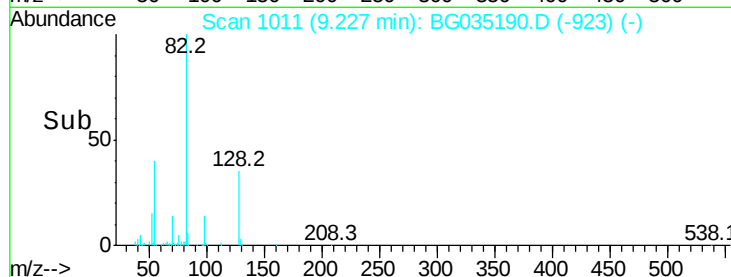
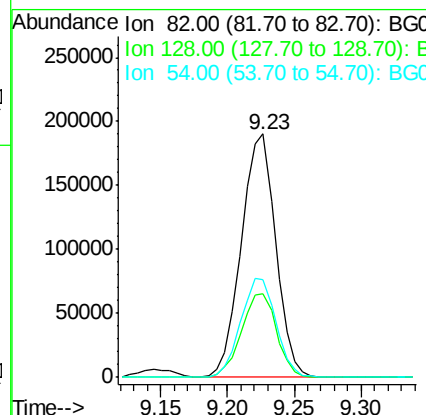
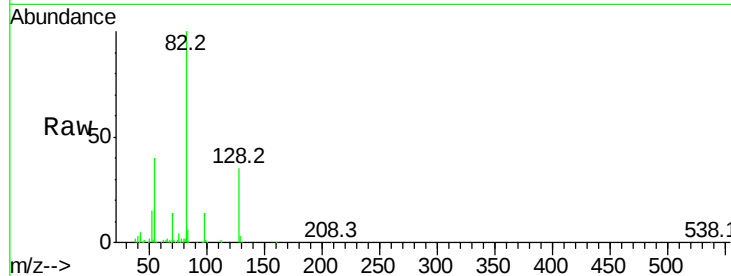




#23
 Nitrobenzene-d5
 Concen: 97.469 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

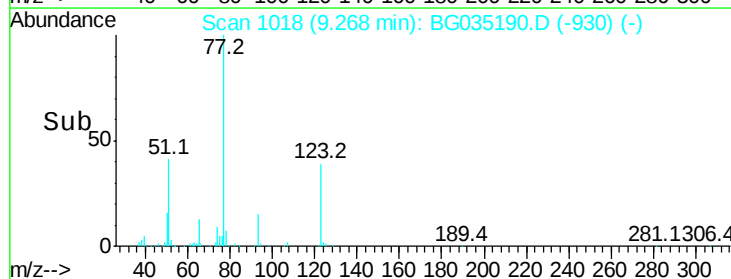
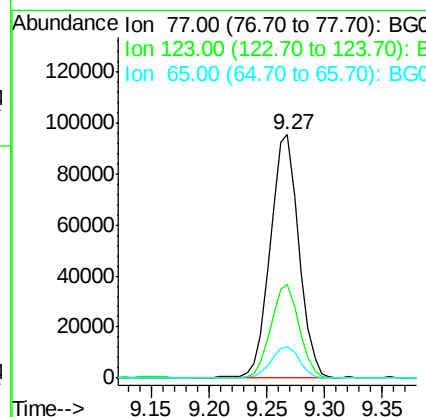
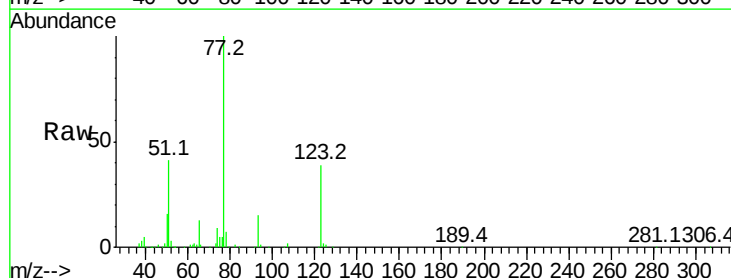
Instrument :
 BNA_G
 ClientSampleId :

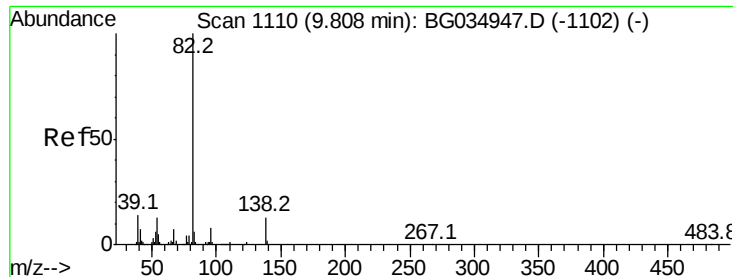
Tot Ion	82	Resp	339494
Ion Ratio	100	Lower	Upper
128	34.6	29.7	44.5
54	40.3	43.1	64.7#



#24
 Nitrobenzene
 Concen: 46.382 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion	77	Resp	165430
Ion Ratio	100	Lower	Upper
123	38.8	33.0	49.6
65	12.6	13.0	19.6#





#25

Isophorone

Concen: 44.118 ng

RT: 9.78 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

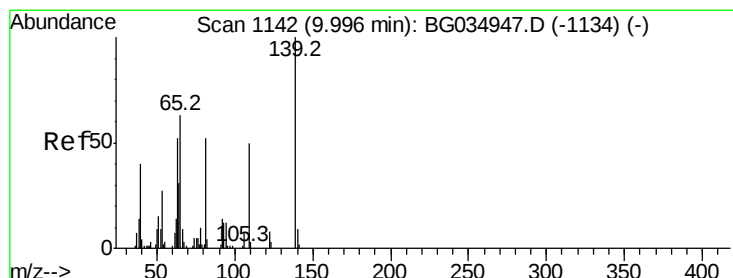
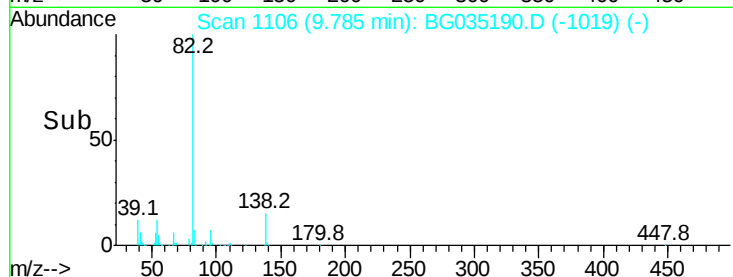
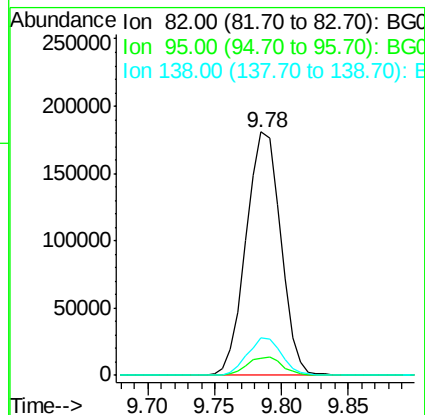
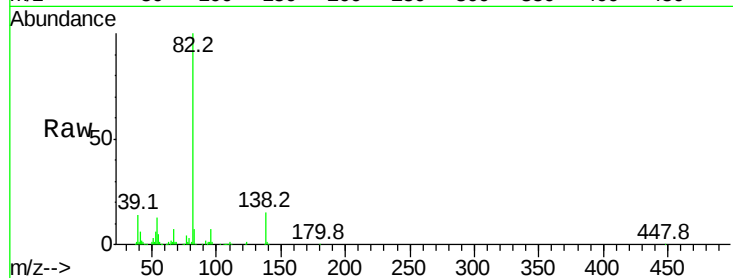
Tot Ion: 82 Resp: 324435

Ion Ratio Lower Upper

82 100

95 6.8 6.2 9.2

138 15.2 12.1 18.1



#26

2-Nitrophenol

Concen: 55.977 ng

RT: 9.97 min Scan# 1138

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

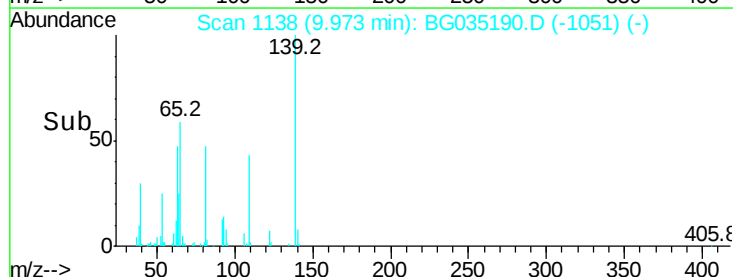
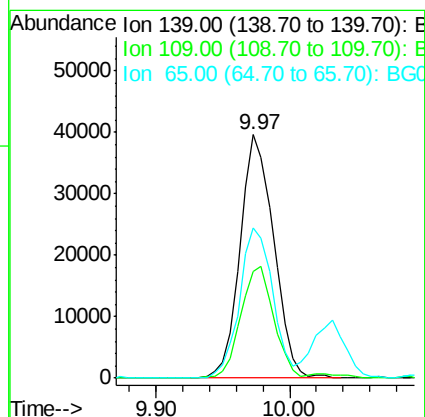
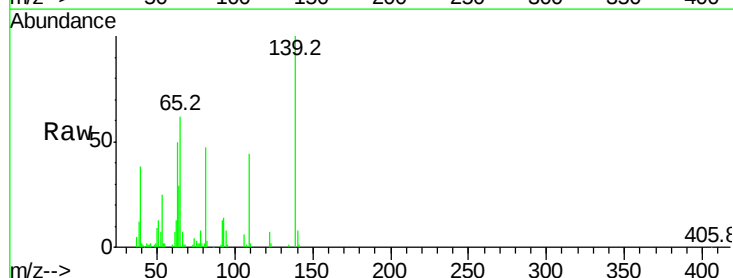
Tgt Ion: 139 Resp: 68819

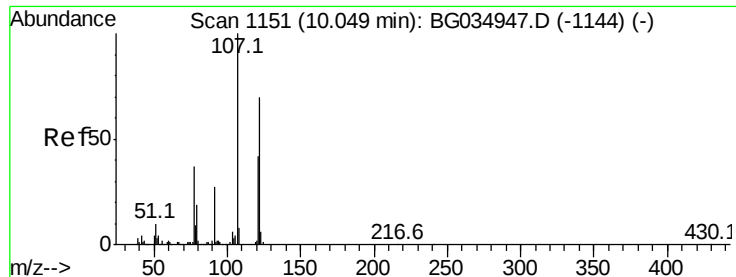
Ion Ratio Lower Upper

139 100

109 43.8 24.2 36.2#

65 61.8 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 50.000 ng

RT: 10.03 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampled :

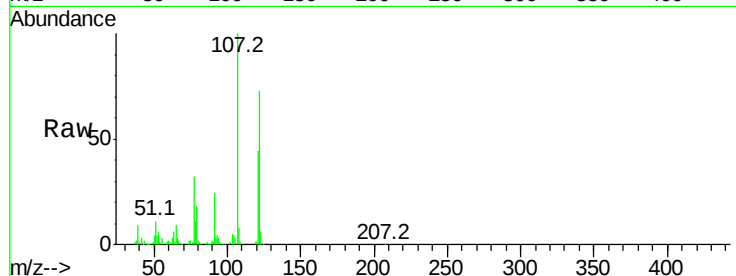
Tot Ion:122 Resp: 129209

Ion Ratio Lower Upper

122 100

107 136.4 100.2 150.2

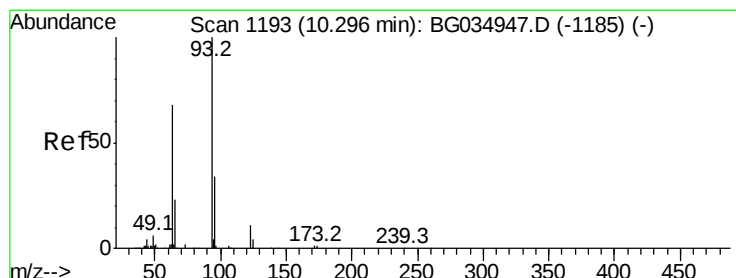
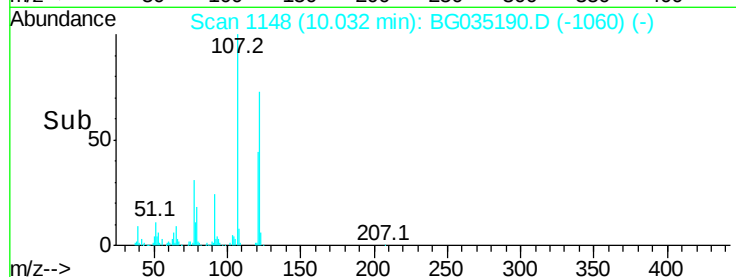
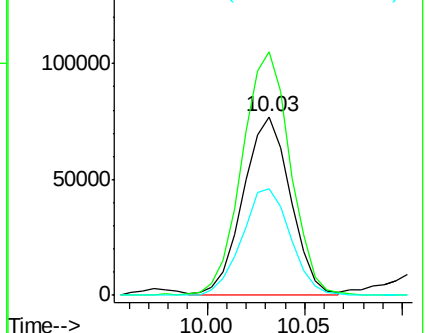
121 60.0 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.459 ng

RT: 10.27 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

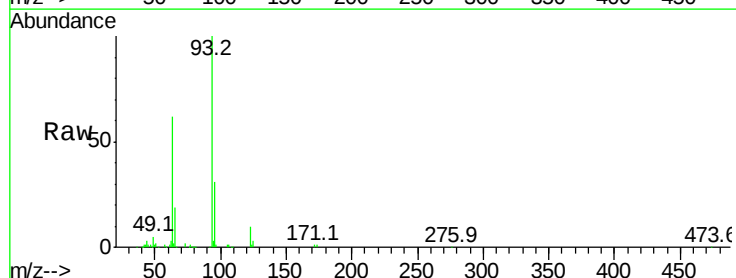
Tgt Ion: 93 Resp: 171745

Ion Ratio Lower Upper

93 100

95 30.8 24.3 36.5

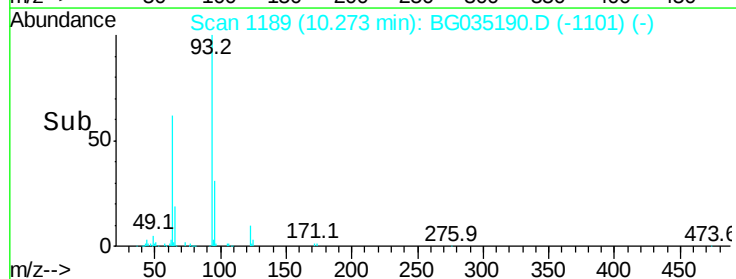
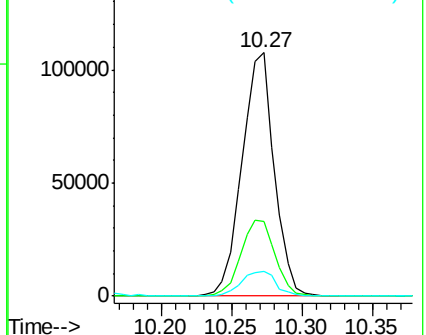
123 10.0 8.4 12.6

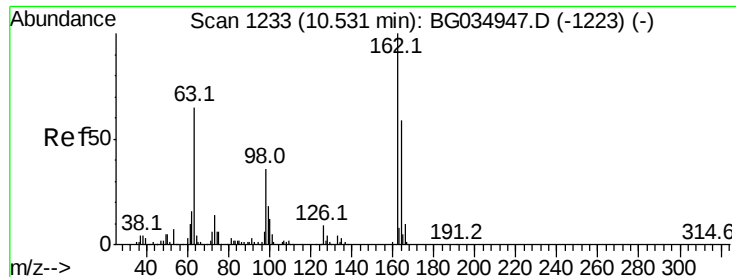


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 52.915 ng

RT: 10.51 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

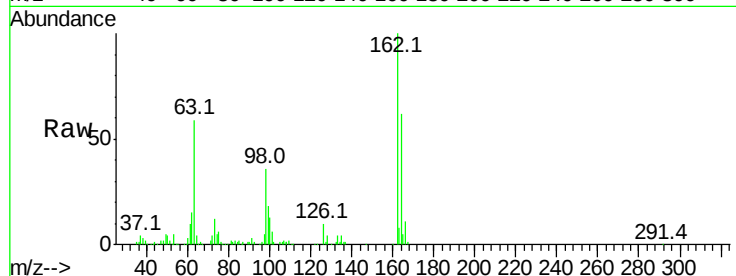
Tot Ion:162 Resp: 148788

Ion Ratio Lower Upper

162 100

164 62.0 48.0 88.0

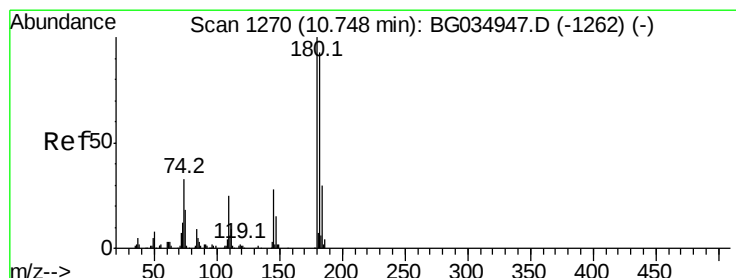
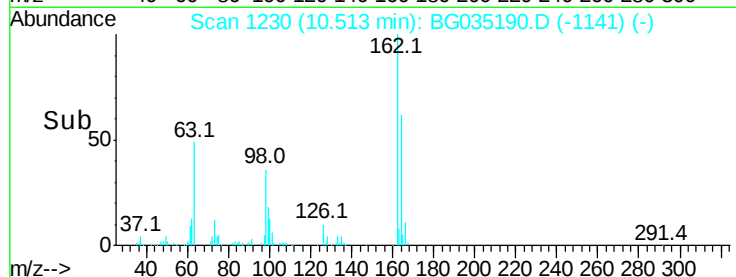
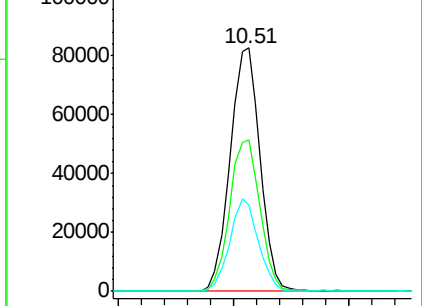
98 35.5 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 42.892 ng

RT: 10.72 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

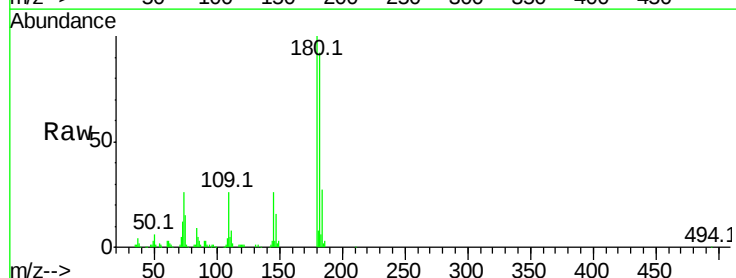
Tgt Ion:180 Resp: 144616

Ion Ratio Lower Upper

180 100

182 91.9 77.5 116.3

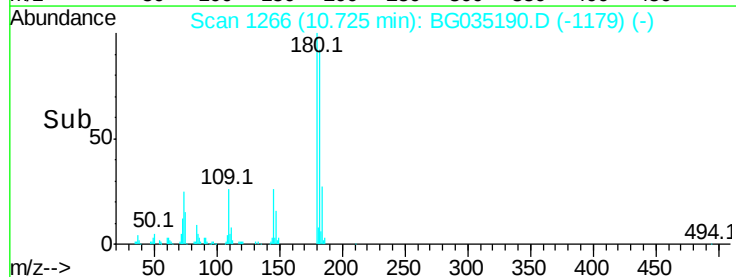
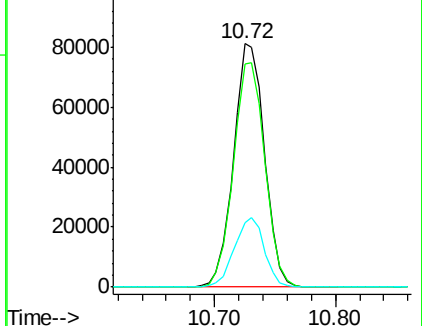
145 26.2 23.4 35.2

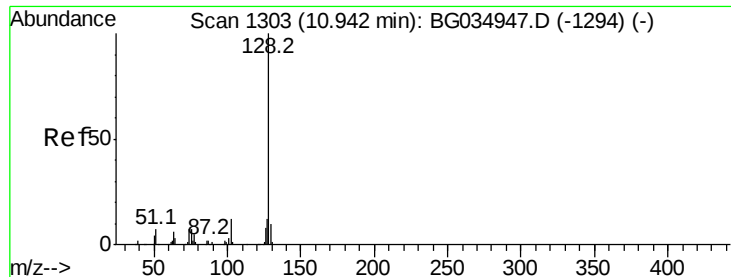


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

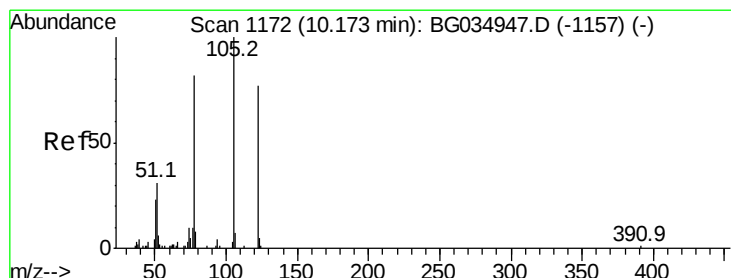
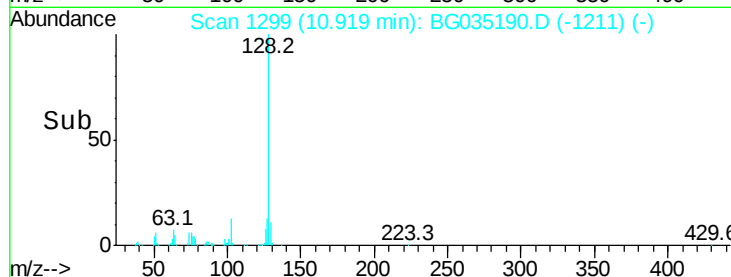
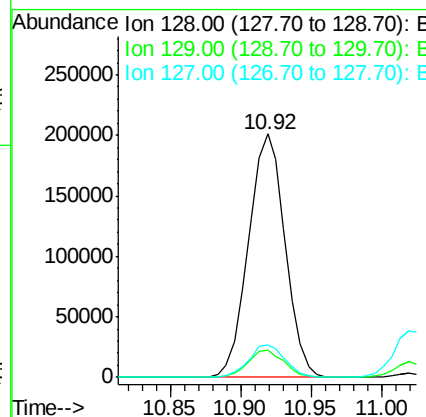
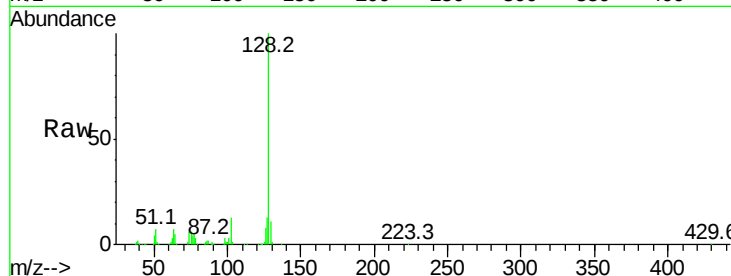




#31
Naphthalene
Concen: 42.443 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

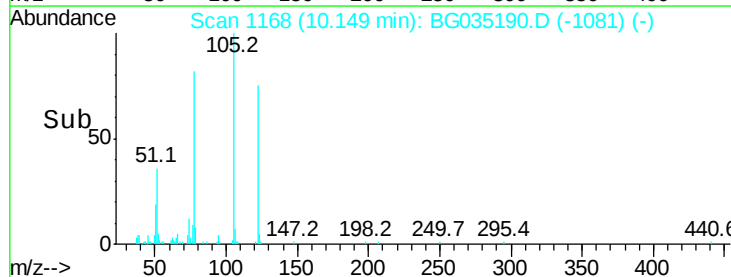
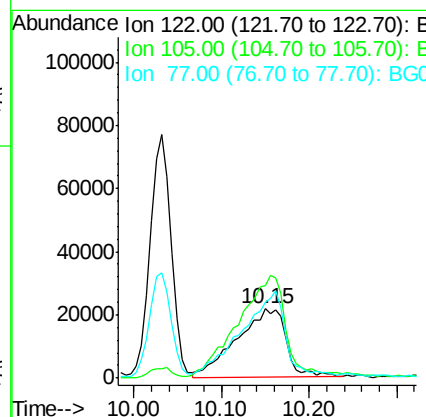
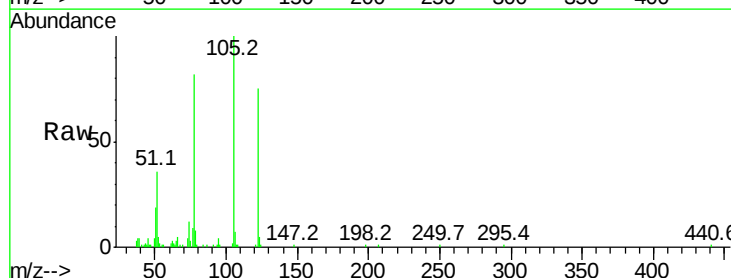
Instrument :
BNA_G
ClientSampleId :

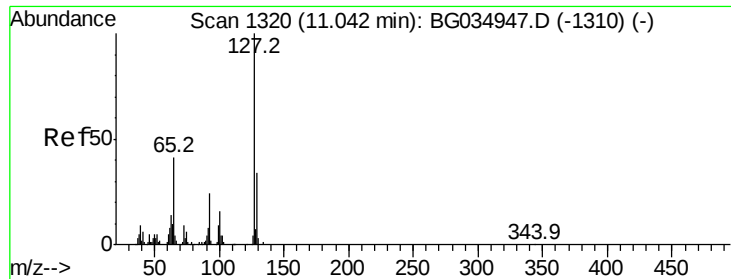
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.5	11.6	17.4



#32
Benzoic acid
Concen: 47.545 ng
RT: 10.15 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.9	123.5	163.5
77	110.3	85.7	125.7

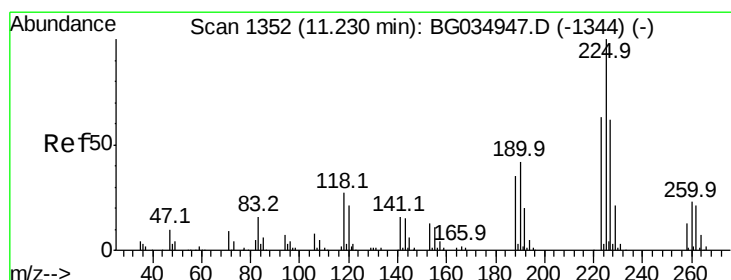
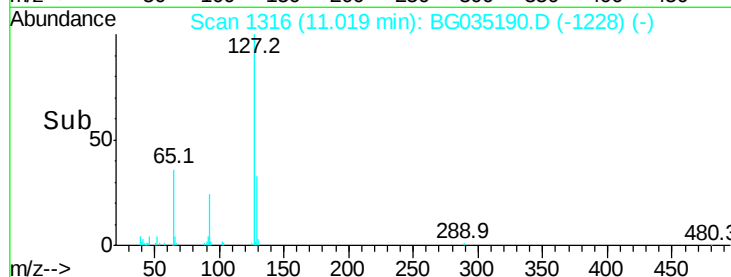
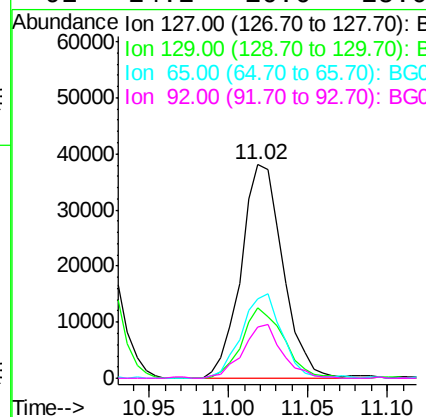
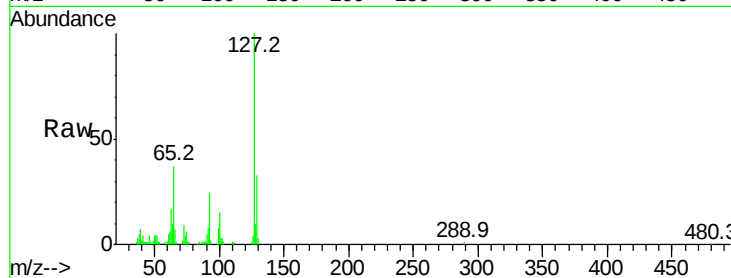




#33
4-Chloroaniline
Concen: 18.671 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

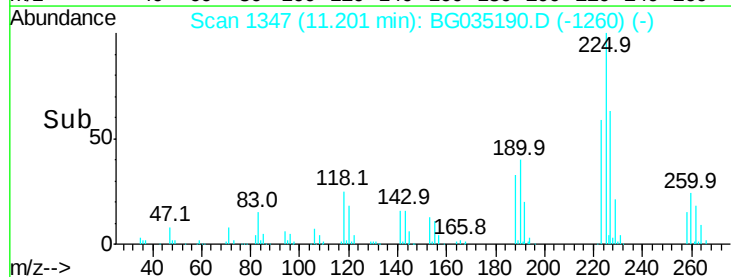
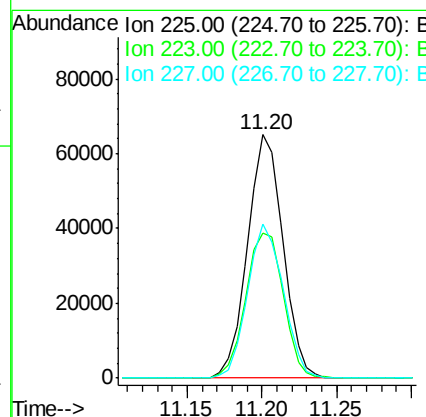
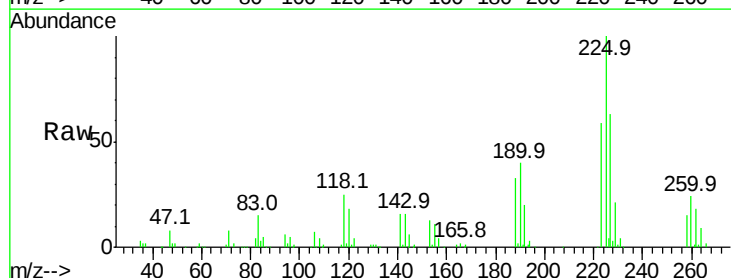
Instrument :
BNA_G
ClientSampleId :

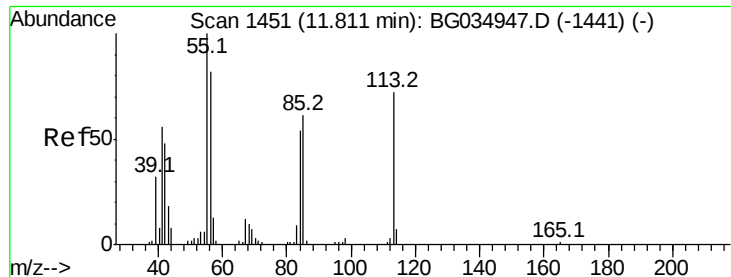
Tot Ion:	127	Resp:	69728
Ion	Ratio	Lower	Upper
127	100		
129	33.3	24.0	36.0
65	37.2	27.0	40.4
92	24.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 40.634 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion:	225	Resp:	106548
Ion	Ratio	Lower	Upper
225	100		
223	59.4	49.7	74.5
227	63.3	48.1	72.1





#35

Caprolactam

Concen: 37.397 ng

RT: 11.79 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

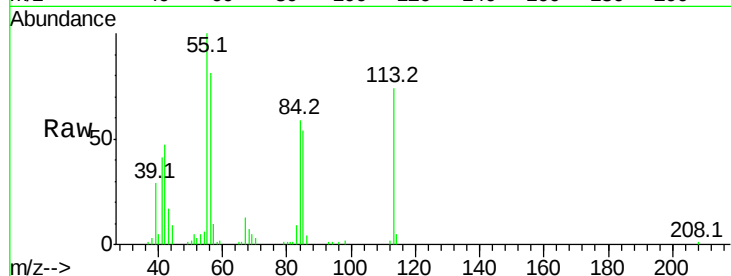
Tot Ion:113 Resp: 38862

Ion Ratio Lower Upper

113 100

55 135.6 186.9 226.9#

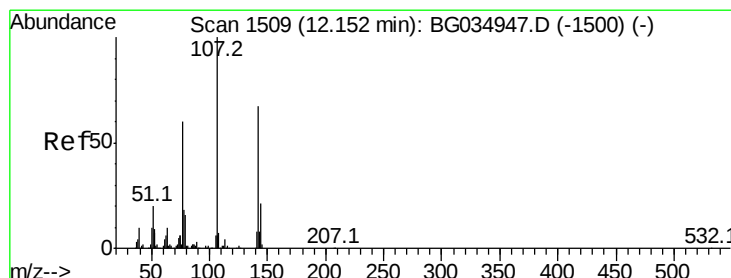
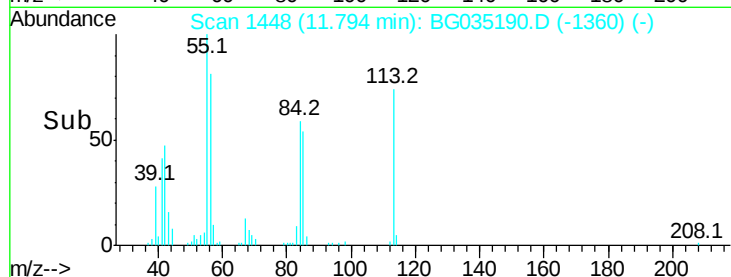
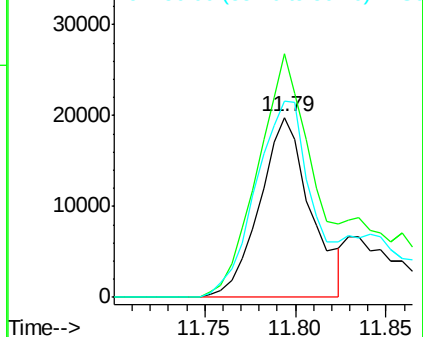
56 109.2 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 52.745 ng

RT: 12.13 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

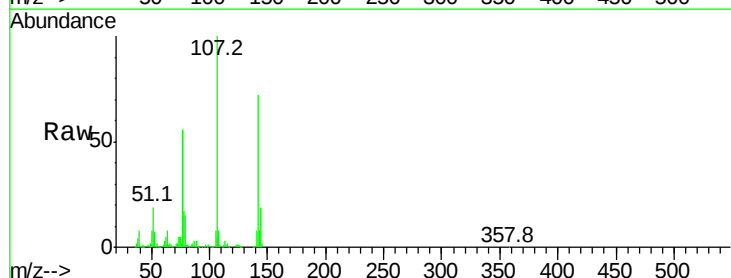
Tgt Ion:107 Resp: 184876

Ion Ratio Lower Upper

107 100

144 19.2 18.2 27.4

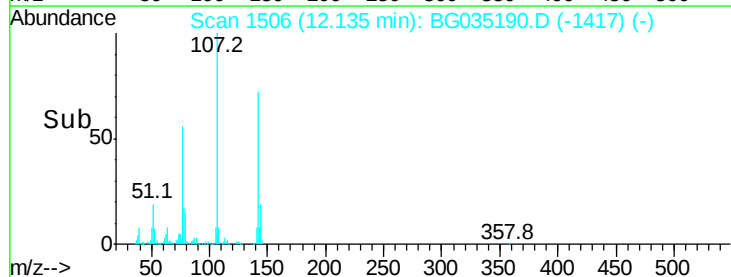
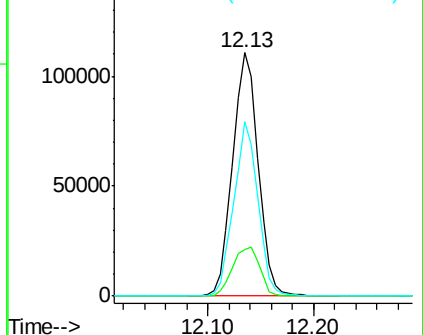
142 71.6 59.0 88.4

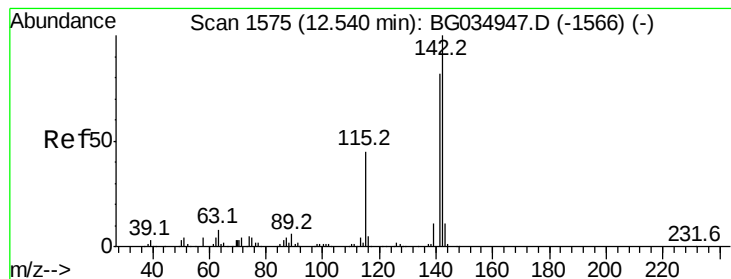


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.198 ng

RT: 12.52 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

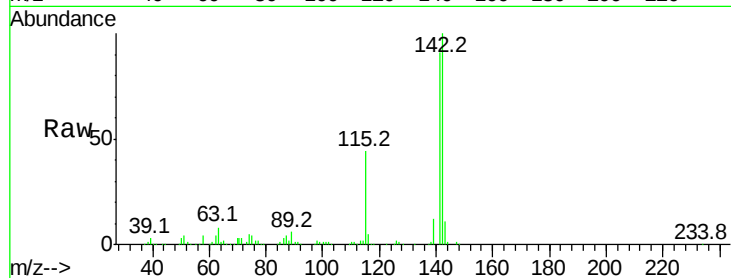
Tot Ion:142 Resp: 301253

Ion Ratio Lower Upper

142 100

141 90.6 67.1 100.7

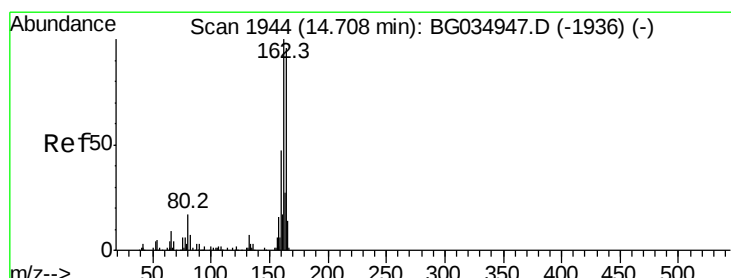
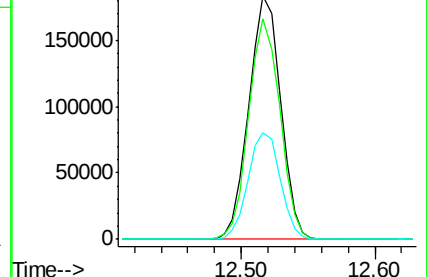
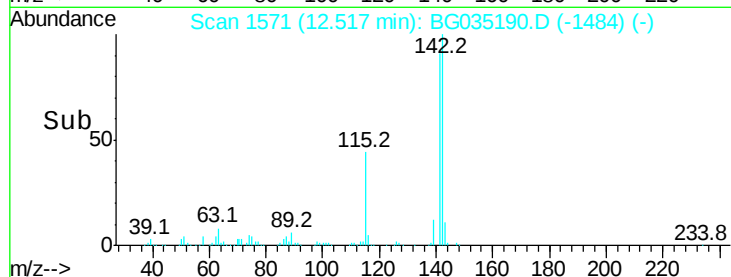
115 43.9 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

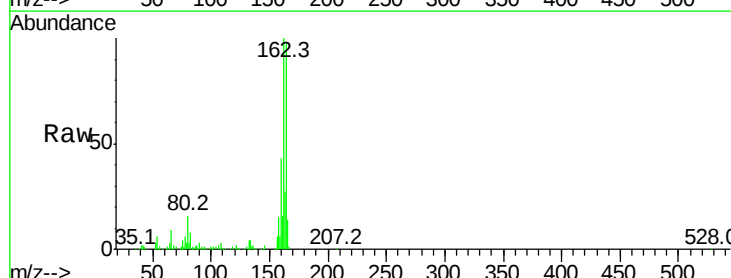
Tgt Ion:164 Resp: 127501

Ion Ratio Lower Upper

164 100

162 102.5 78.8 118.2

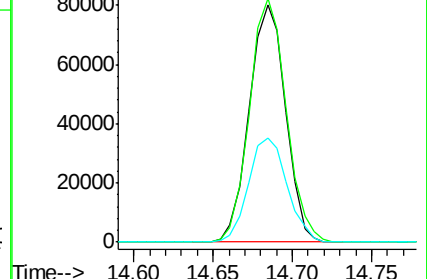
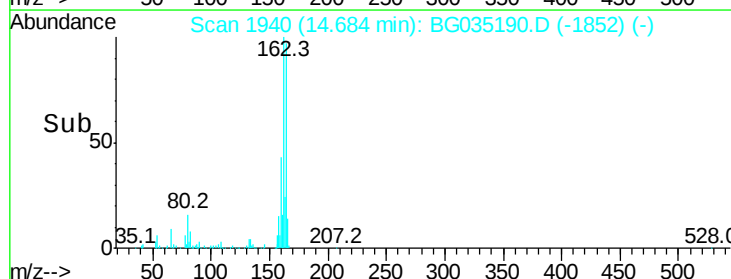
160 44.0 35.4 53.0

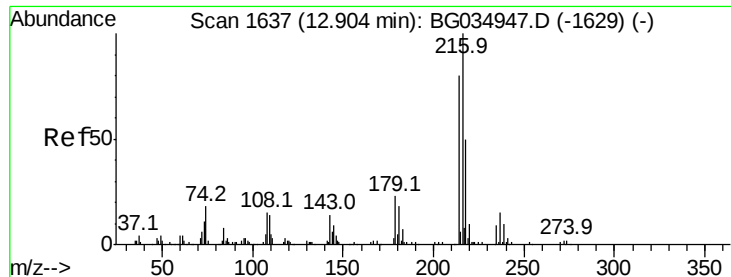


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

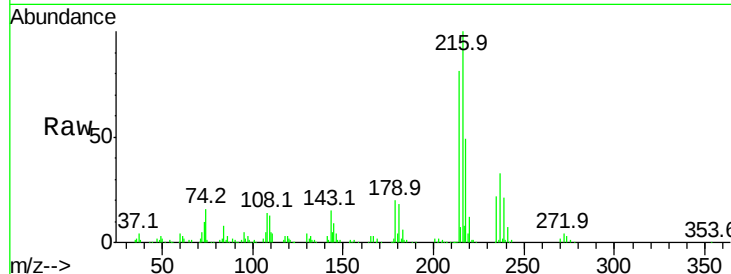




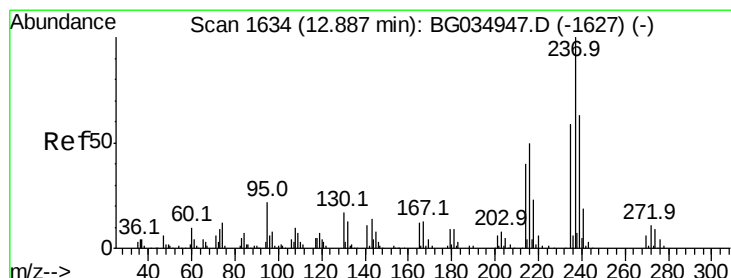
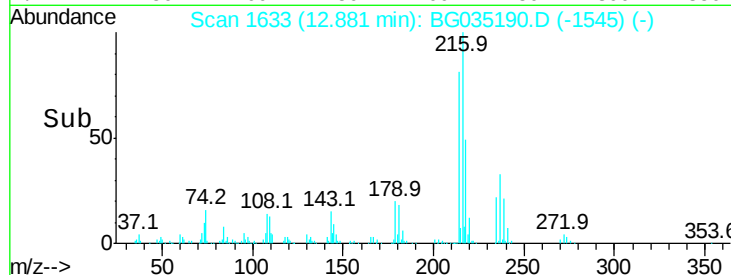
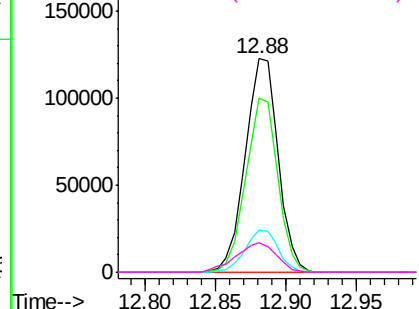
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.004 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	216	Resp:	199481
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.0	94.4
179	20.0	17.0	25.6
108	16.9	12.8	19.2

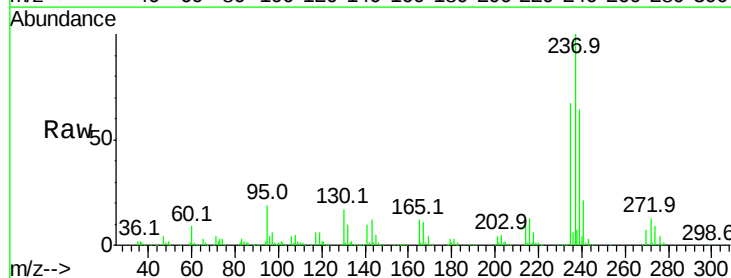


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

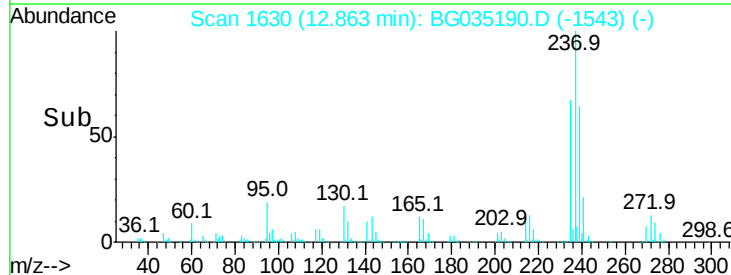
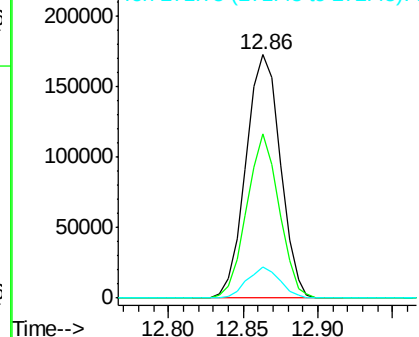


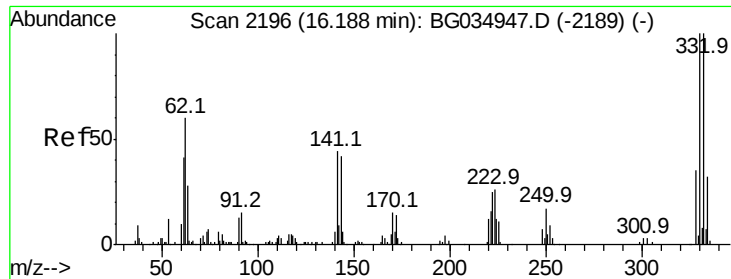
#40
 Hexachlorocyclopentadiene
 Concen: 92.331 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.02 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion:	237	Resp:	274976
Ion	Ratio	Lower	Upper
237	100		
235	67.4	50.4	90.4
272	12.6	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

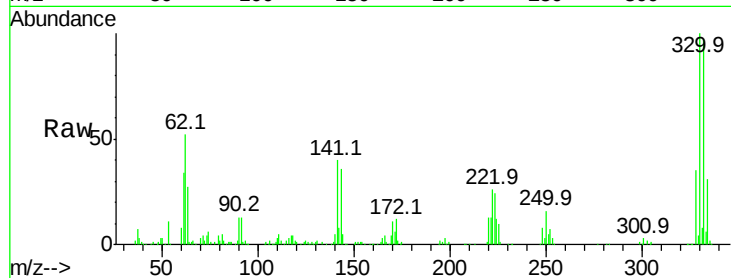




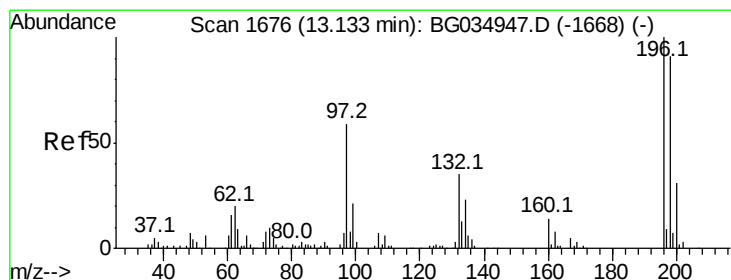
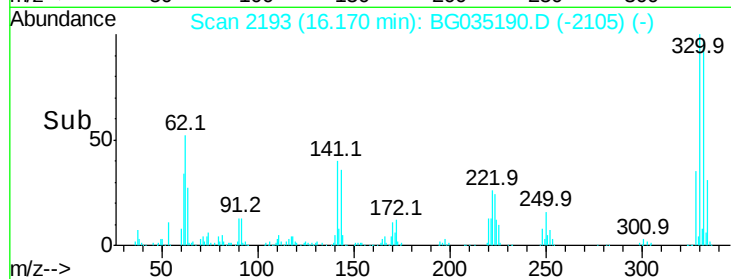
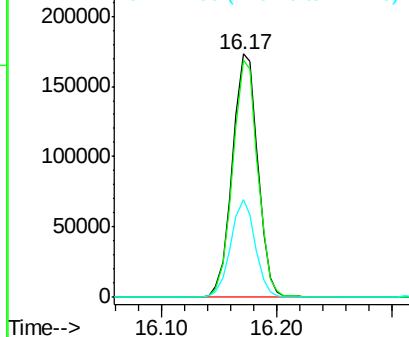
#41
 2,4,6-Tribromophenol
 Concen: 161.811 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 264104
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 38.7 25.2 37.8#

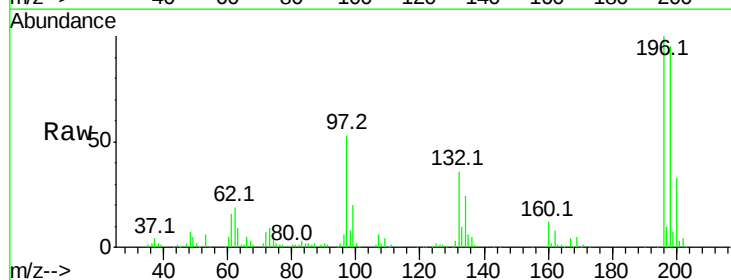


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

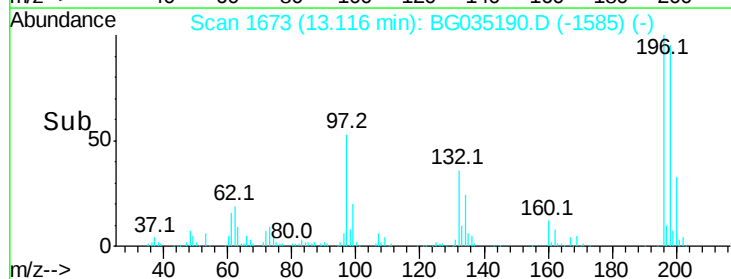
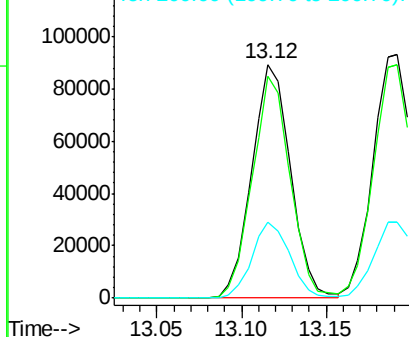


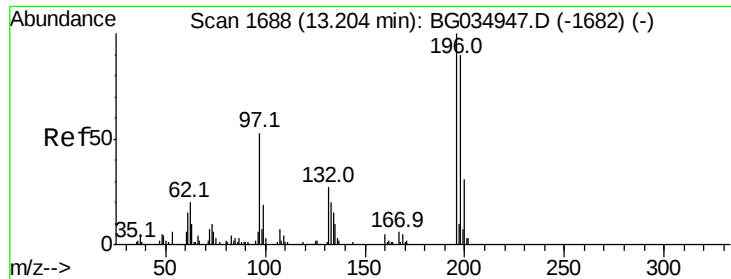
#42
 2,4,6-Trichlorophenol
 Concen: 49.809 ng
 RT: 13.12 min Scan# 1673
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion:196 Resp: 141643
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.2 117.2
 200 32.6 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

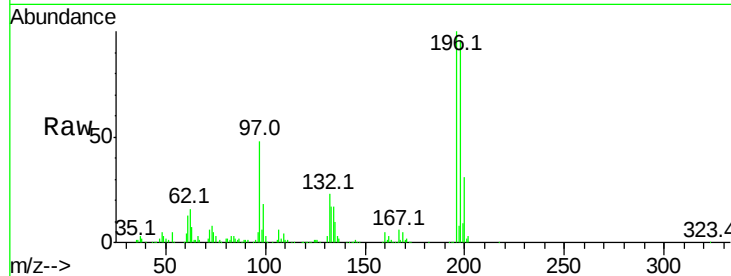




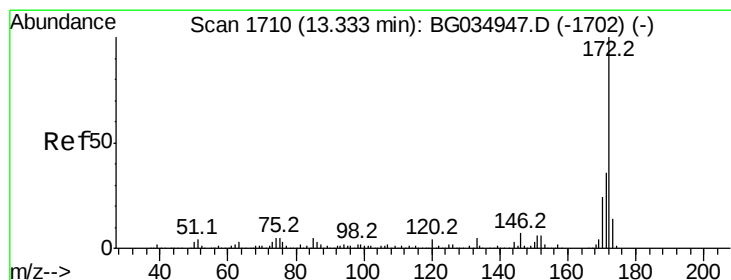
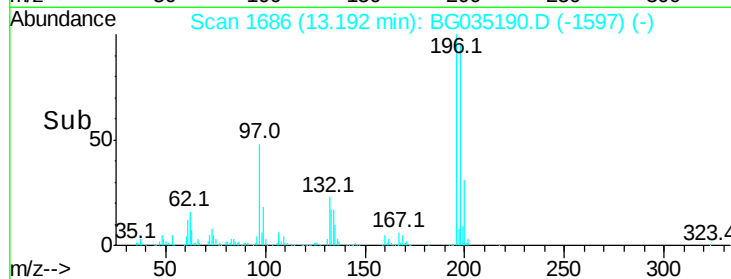
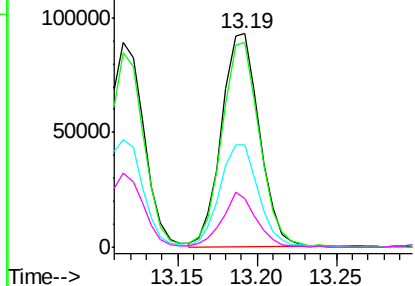
#43
 2,4,5-Trichlorophenol
 Concen: 49.219 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	153622
Ion Ratio	Lower	Upper	
196	100		
198	95.6	76.2	114.4
97	47.7	38.7	58.1
132	22.8	20.2	30.2

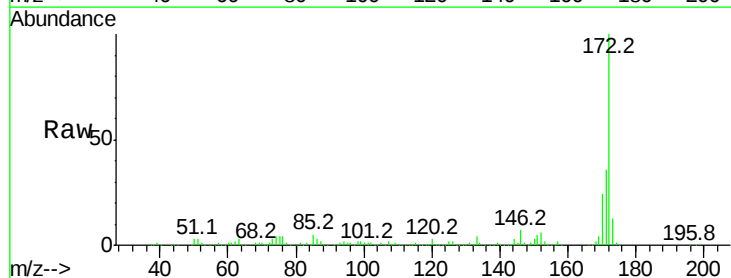


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

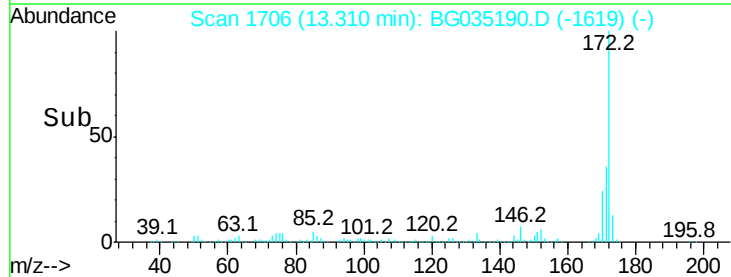
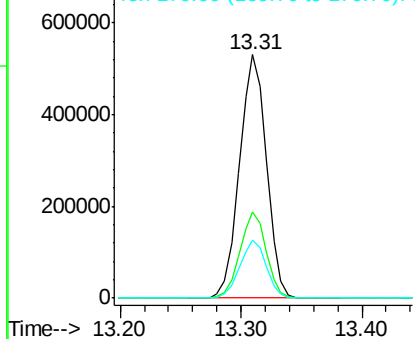


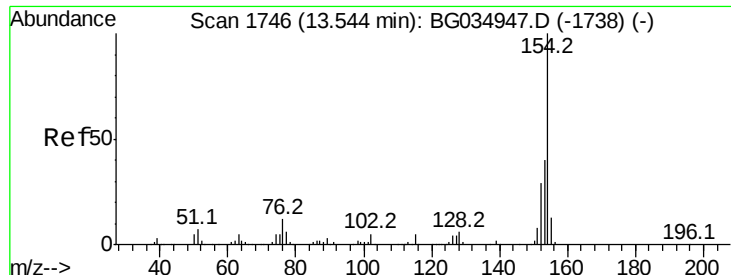
#44
 2-Fluorobiphenyl
 Concen: 84.100 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion:	172	Resp:	824832
Ion Ratio	Lower	Upper	
172	100		
171	35.5	30.0	45.0
170	24.0	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.973 ng

RT: 13.52 min Scan# 1742

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

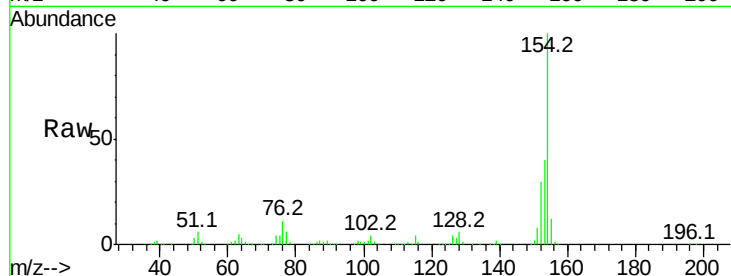
Tot Ion:154 Resp: 420073

Ion Ratio Lower Upper

154 100

153 40.0 19.8 59.8

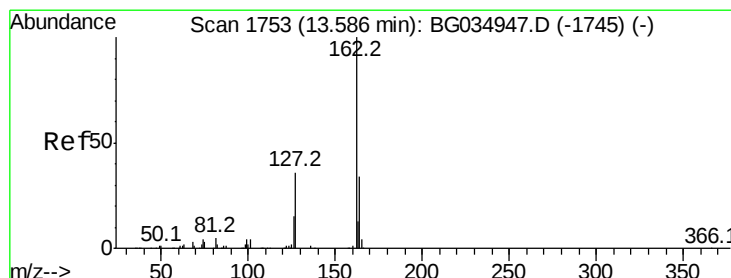
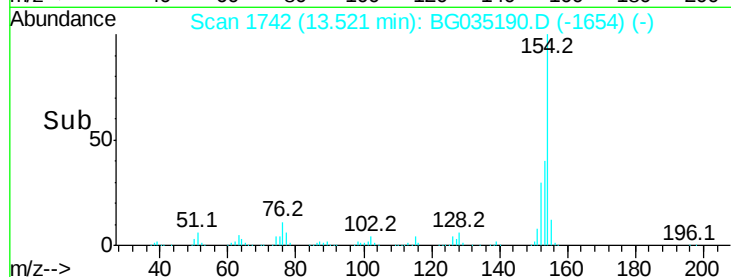
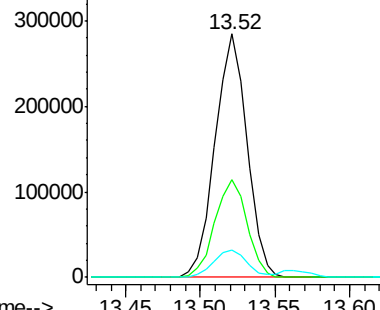
76 11.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.149 ng

RT: 13.56 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

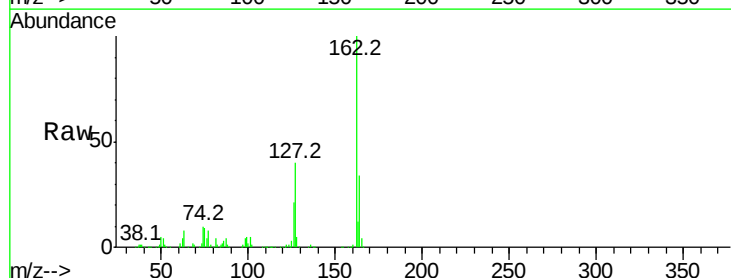
Tgt Ion:162 Resp: 334463

Ion Ratio Lower Upper

162 100

127 40.3 30.7 46.1

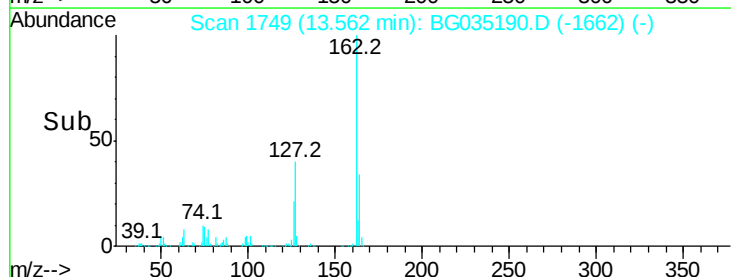
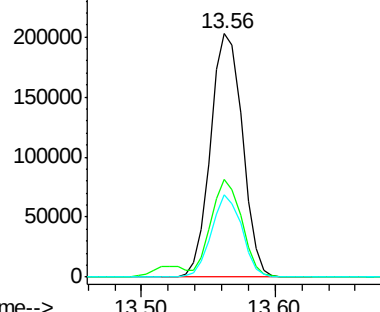
164 33.7 26.0 39.0

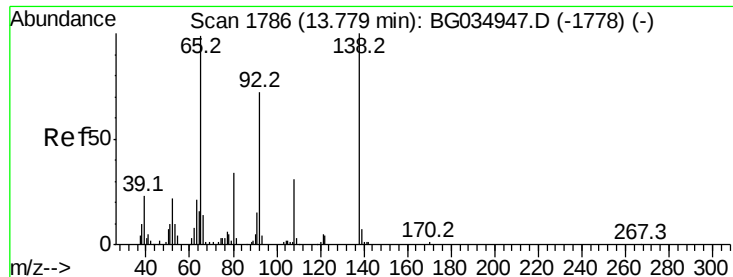


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 53.380 ng

RT: 13.76 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampled :

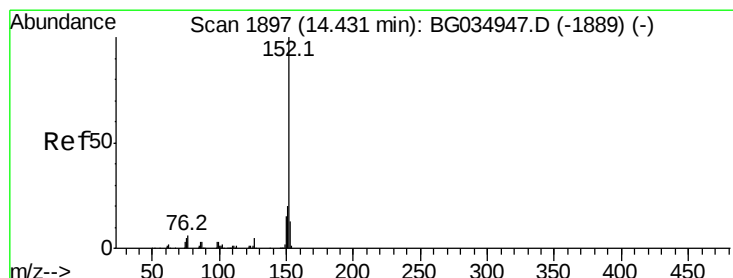
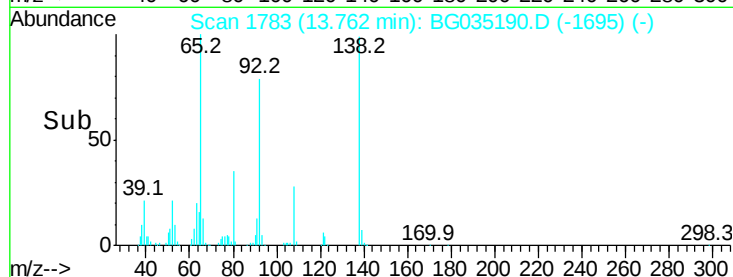
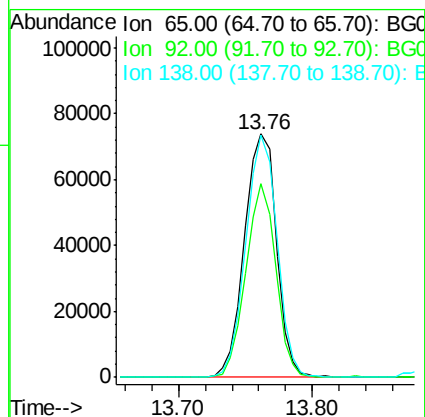
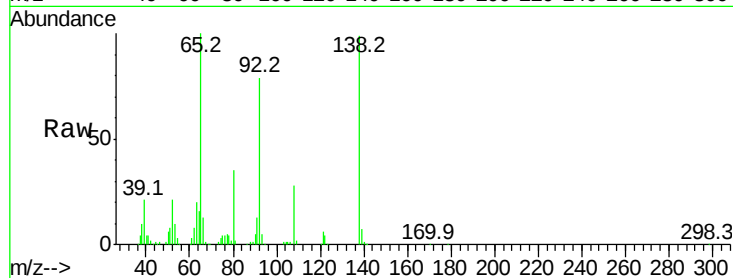
Tot Ion: 65 Resp: 122183

Ion Ratio Lower Upper

65 100

92 79.4 54.6 82.0

138 99.3 72.9 109.3



#48

Acenaphthylene

Concen: 43.817 ng

RT: 14.41 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

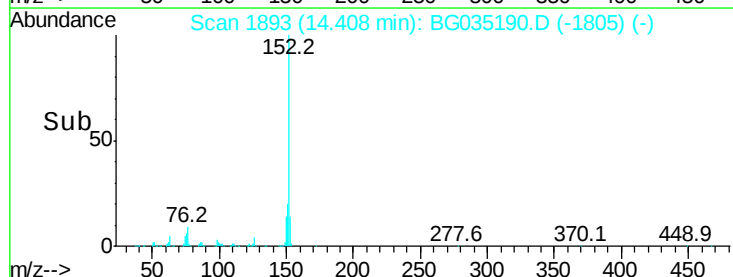
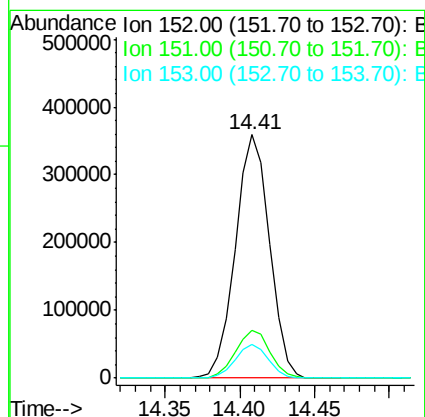
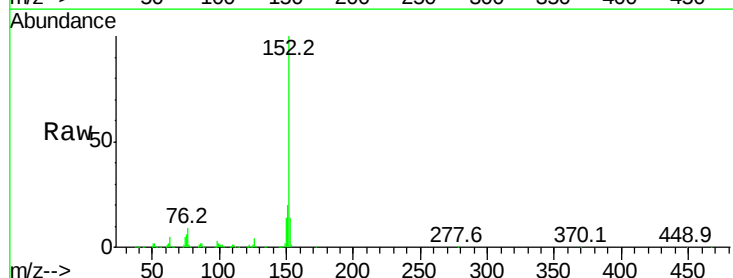
Tgt Ion: 152 Resp: 569508

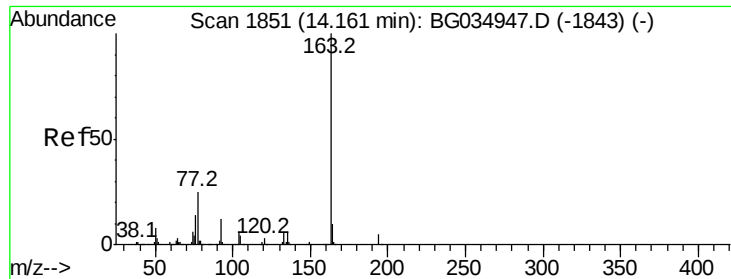
Ion Ratio Lower Upper

152 100

151 19.8 17.2 25.8

153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 42.661 ng

RT: 14.14 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

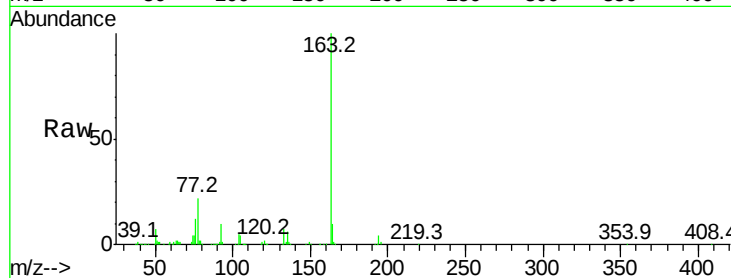
Tot Ion:163 Resp: 474326

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

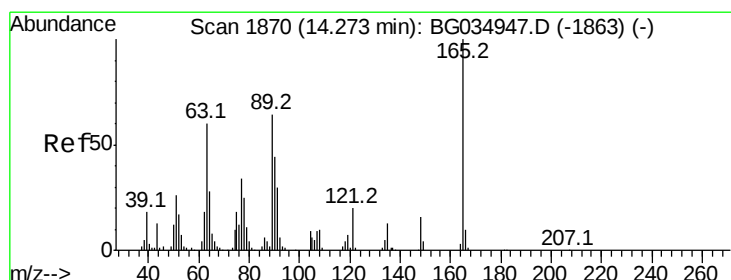
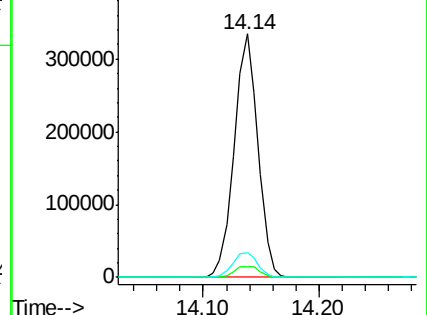
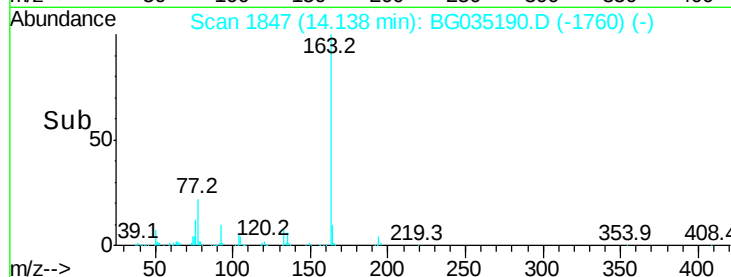
164 10.2 8.2 12.4



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: 53.920 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

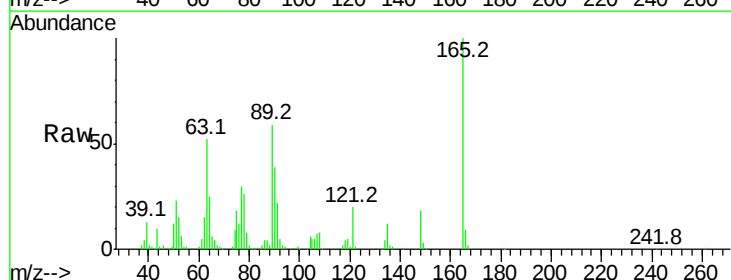
Tgt Ion:165 Resp: 109371

Ion Ratio Lower Upper

165 100

63 51.7 52.7 79.1#

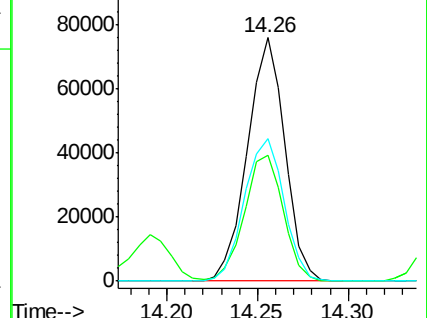
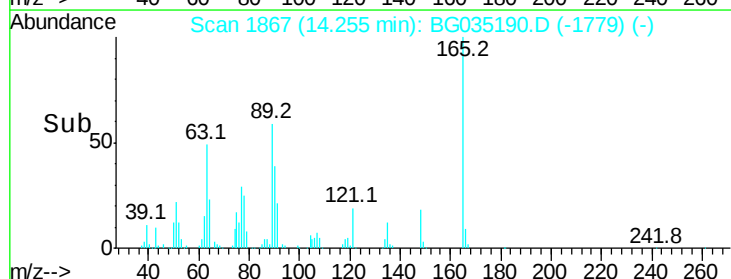
89 58.6 49.2 73.8

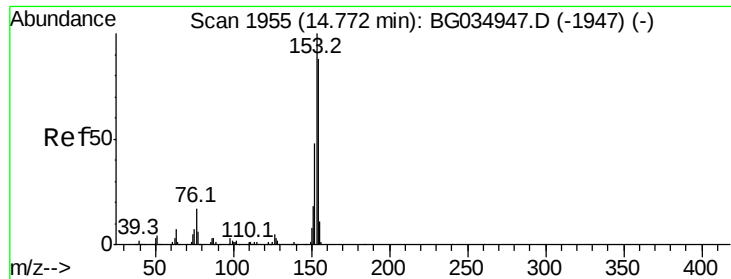


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 41.013 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

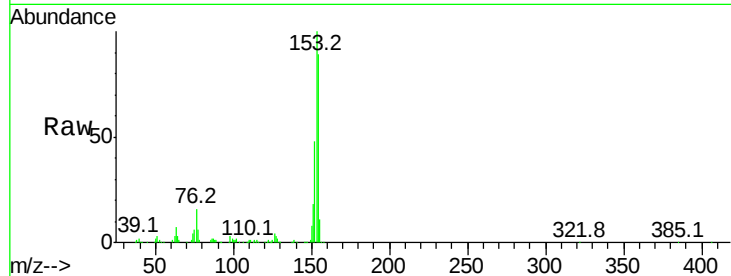
Tot Ion:154 Resp: 348294

Ion Ratio Lower Upper

154 100

153 112.0 90.4 135.6

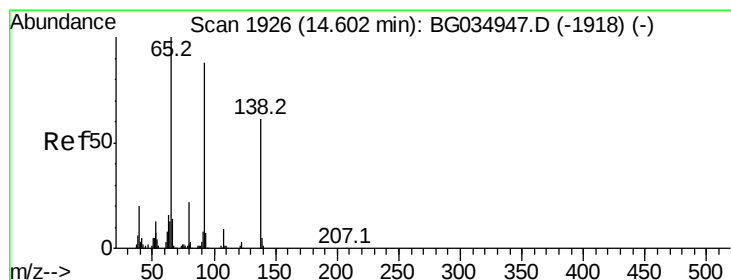
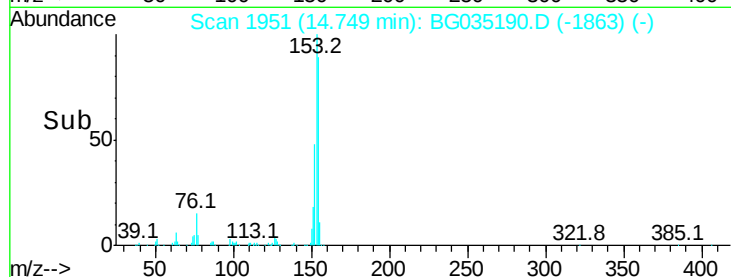
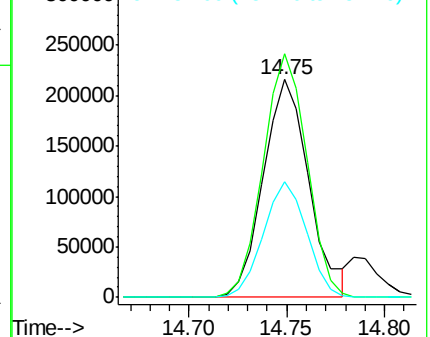
152 53.3 41.6 62.4



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: 34.571 ng

RT: 14.58 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

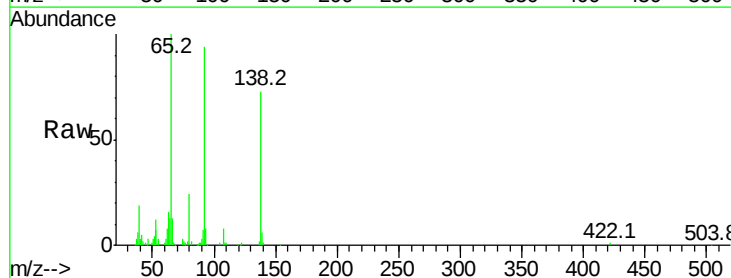
Tgt Ion:138 Resp: 68810

Ion Ratio Lower Upper

138 100

108 11.3 17.5 26.3#

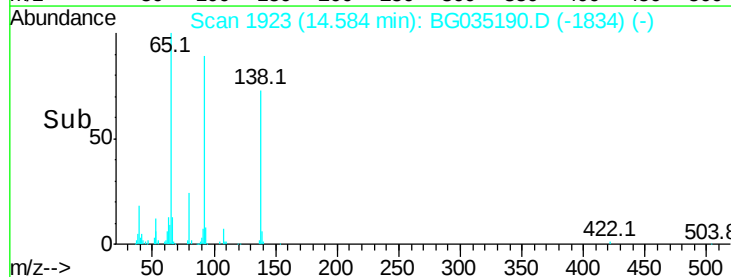
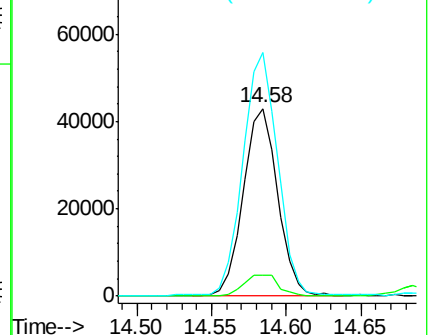
92 129.7 105.8 158.8

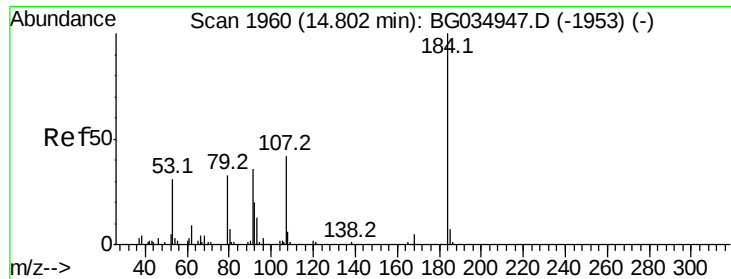


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

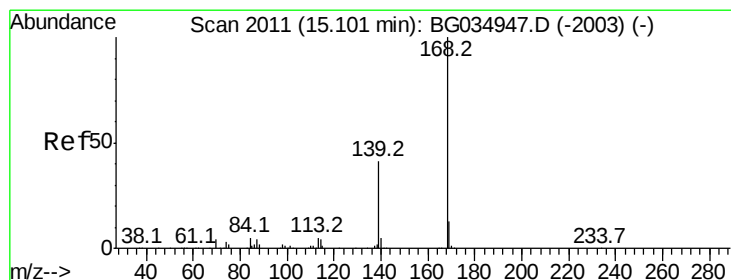
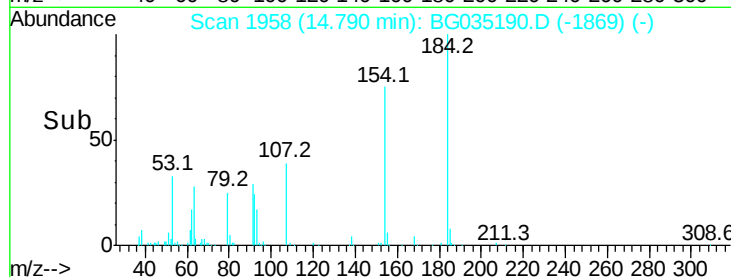
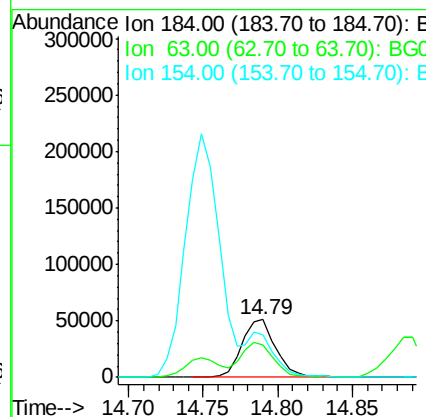
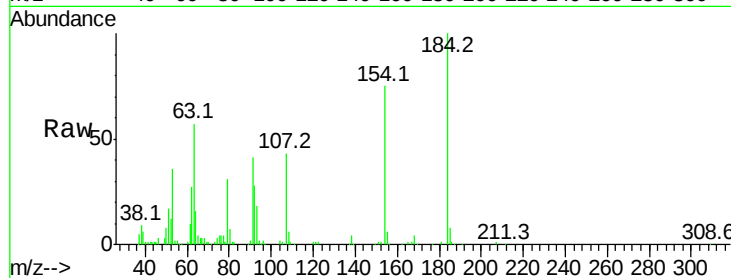




#53
2,4-Dinitrophenol
Concen: 98.127 ng
RT: 14.79 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

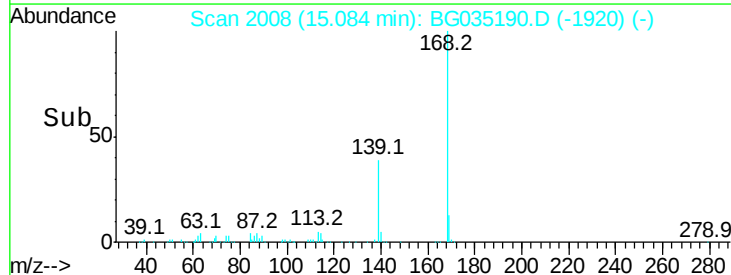
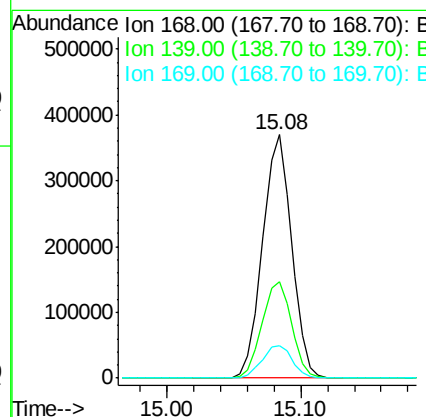
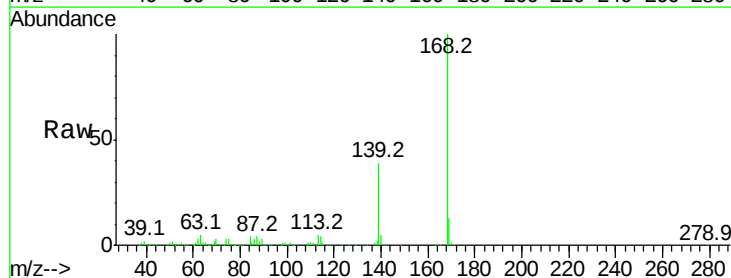
Instrument :
BNA_G
ClientSampleId :

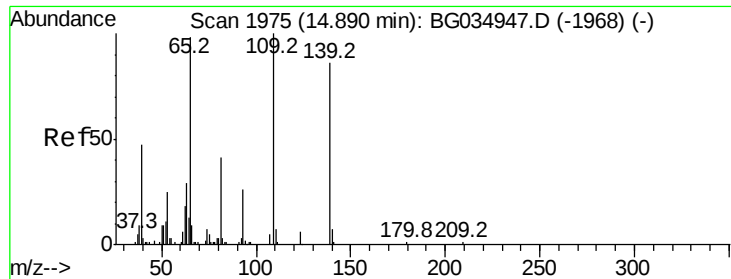
Tot Ion:184 Resp: 80552
Ion Ratio Lower Upper
184 100
63 56.9 59.8 89.8#
154 74.5 101.8 152.8#



#54
Dibenzofuran
Concen: 43.701 ng
RT: 15.08 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion:168 Resp: 555826
Ion Ratio Lower Upper
168 100
139 39.4 28.6 43.0
169 13.5 11.2 16.8





#55

4-Nitrophenol

Concen: 98.240 ng

RT: 14.89 min Scan# 1975

Delta R.T. 0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

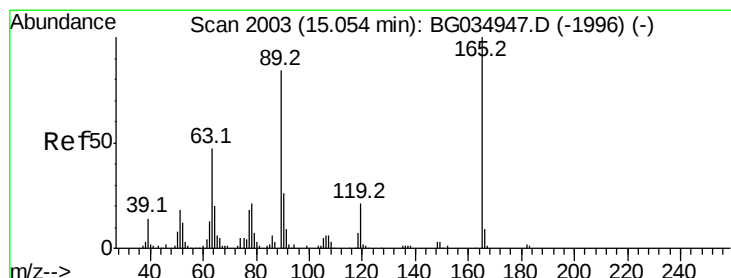
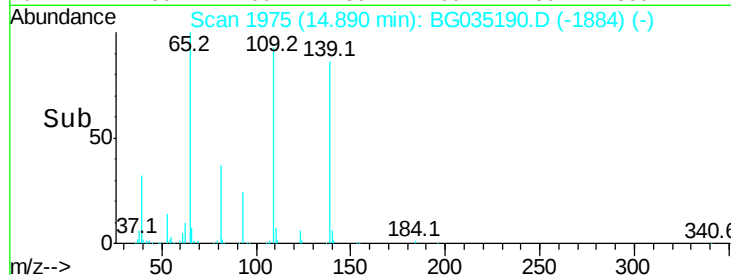
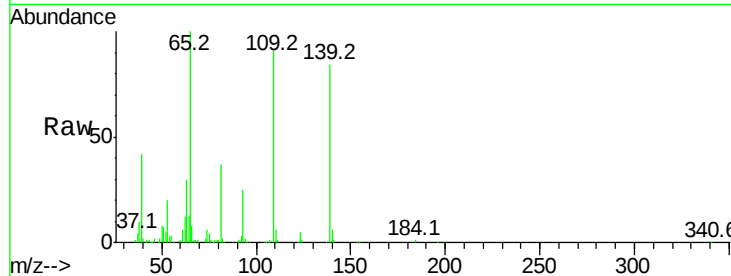
Tot Ion:139 Resp: 165024

Ion Ratio Lower Upper

139 100

109 108.0 62.2 102.2#

65 118.8 97.2 137.2



#56

2,4-Dinitrotoluene

Concen: 60.450 ng

RT: 15.04 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:165 Resp: 162882

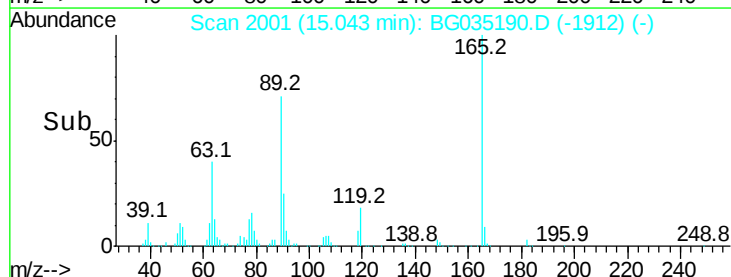
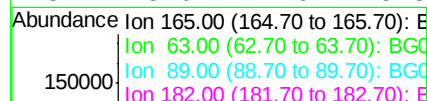
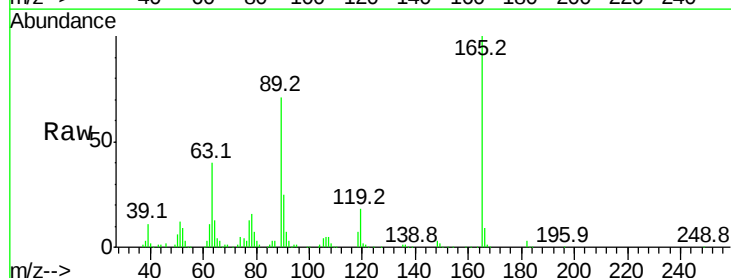
Ion Ratio Lower Upper

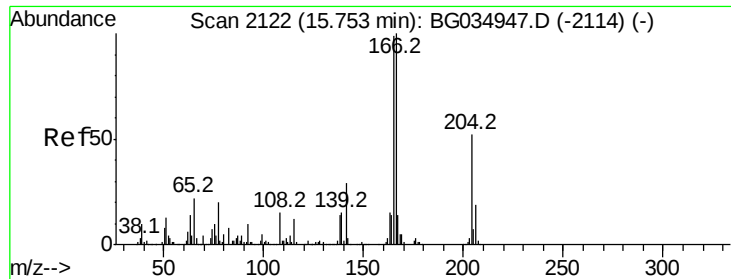
165 100

63 39.9 42.0 63.0#

89 71.1 66.9 100.3

182 3.0 2.6 3.8





#57

Fluorene

Concen: 43.912 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

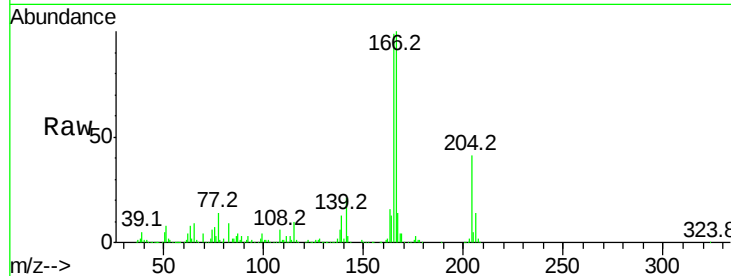
Tot Ion:166 Resp: 466760

Ion Ratio Lower Upper

166 100

165 99.2 80.6 121.0

167 14.3 10.4 15.6

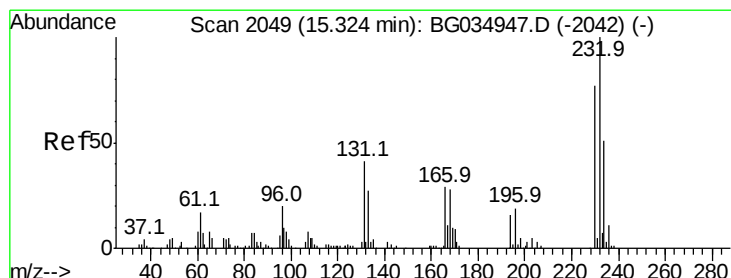
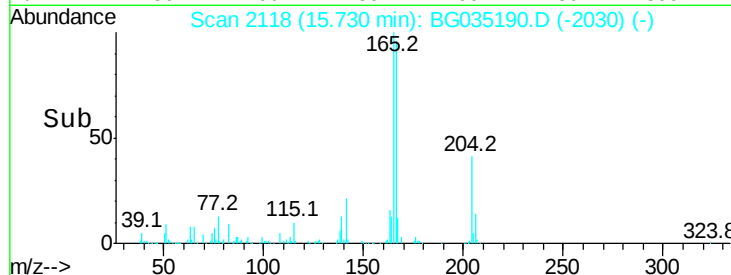
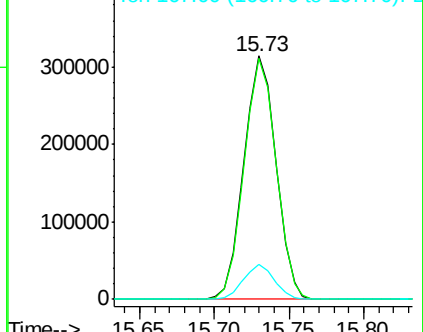


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.635 ng

RT: 15.31 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion:232 Resp: 159596

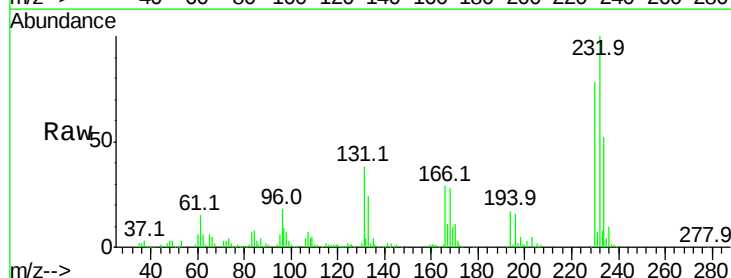
Ion Ratio Lower Upper

232 100

131 37.7 33.5 50.3

130 2.5 2.2 3.2

166 29.6 24.8 37.2



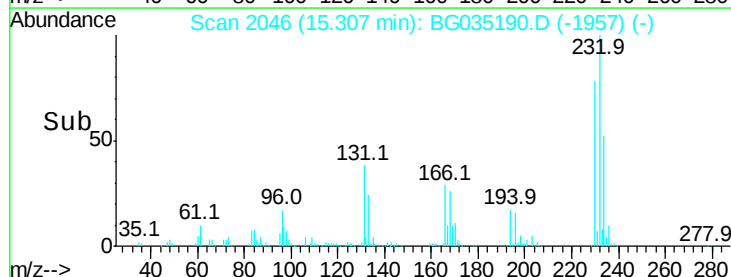
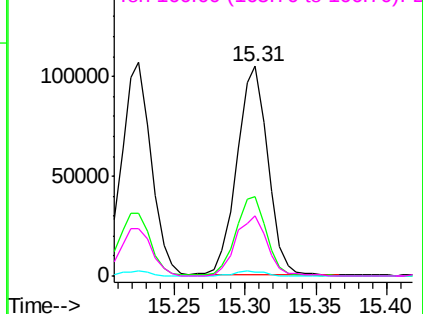
Abundance

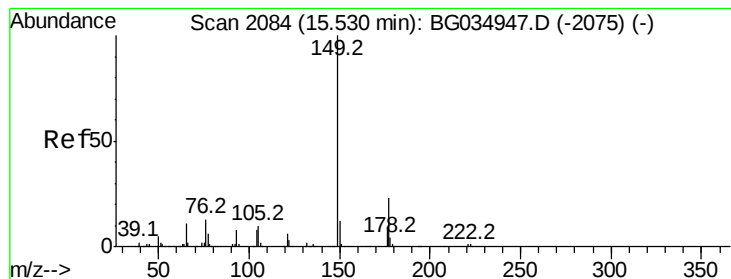
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 42.882 ng

RT: 15.50 min Scan# 2079

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

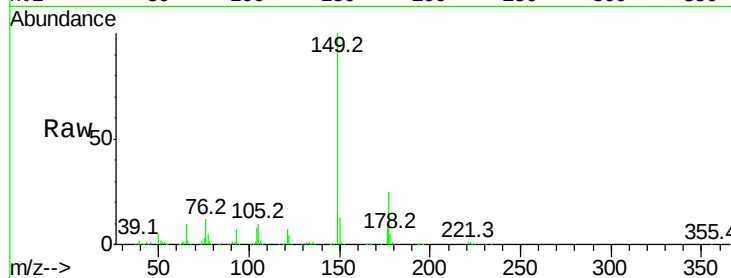
Tot Ion:149 Resp: 486433

Ion Ratio Lower Upper

149 100

177 24.8 18.5 27.7

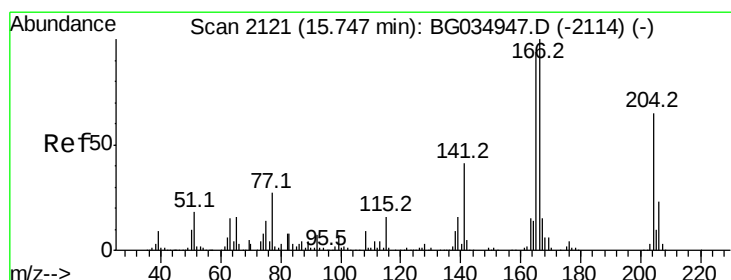
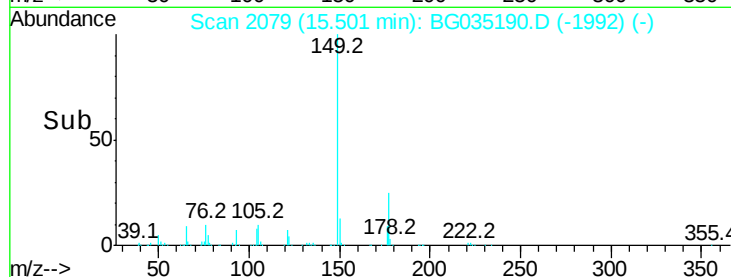
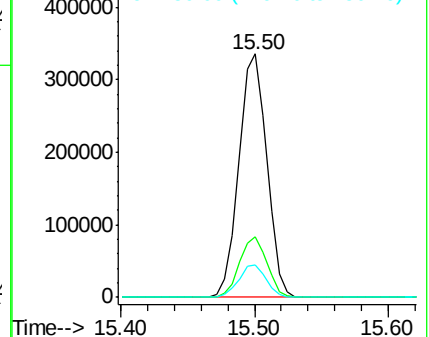
150 13.3 10.2 15.2



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: 43.796 ng

RT: 15.72 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

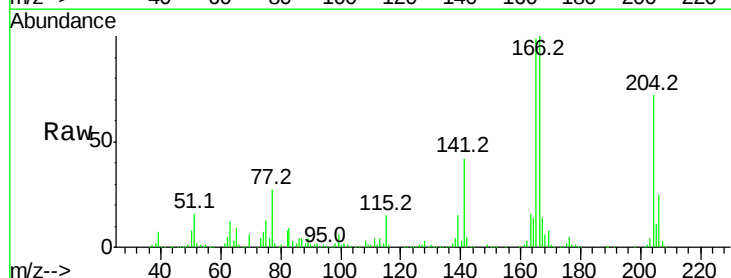
Tgt Ion:204 Resp: 265458

Ion Ratio Lower Upper

204 100

206 34.4 26.2 39.2

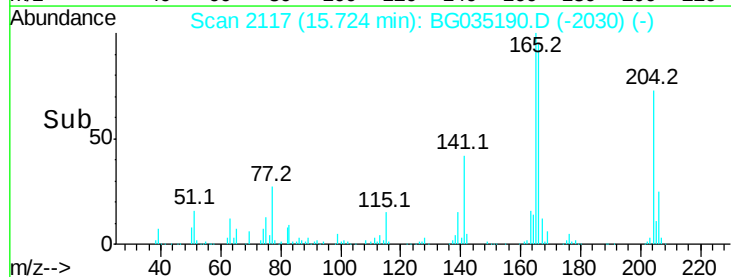
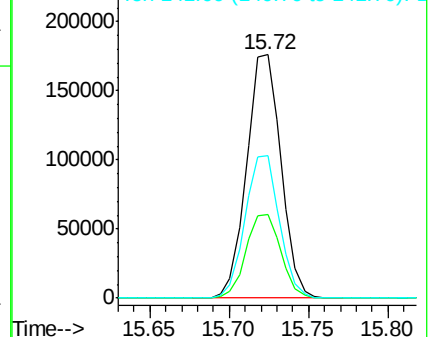
141 58.7 45.8 68.6

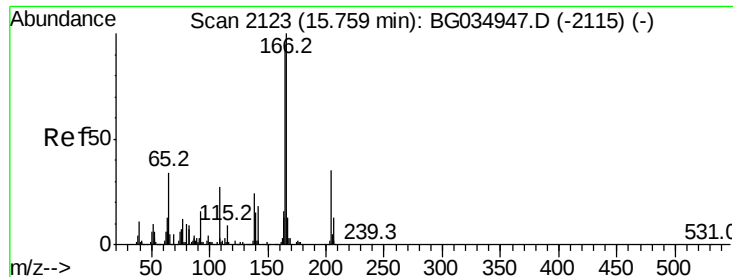


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 52.191 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

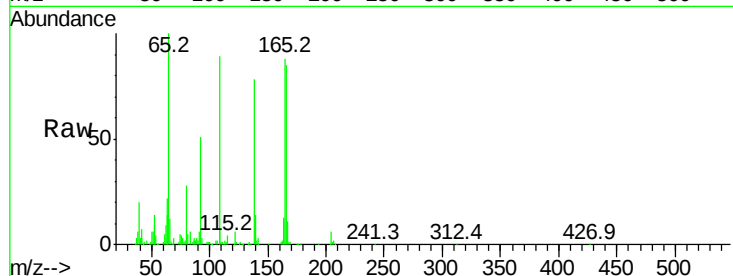
Tot Ion:138 Resp: 111406

Ion Ratio Lower Upper

138 100

92 65.1 40.1 80.1

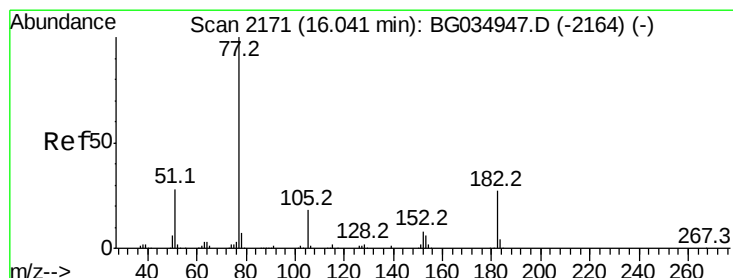
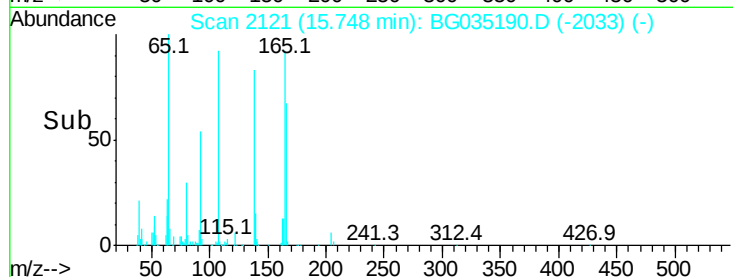
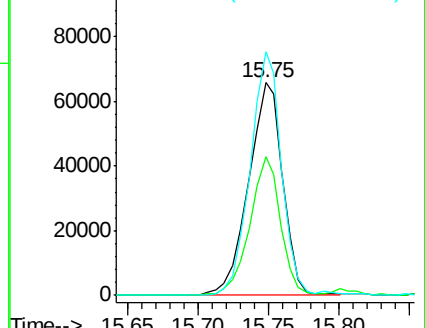
108 114.6 65.4 105.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 44.041 ng

RT: 16.02 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Tgt Ion: 77 Resp: 489567

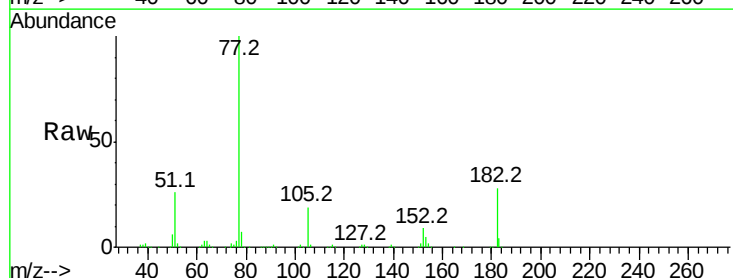
Ion Ratio Lower Upper

77 100

182 28.2 7.4 47.4

105 18.6 0.3 40.3

51 26.1 11.6 51.6

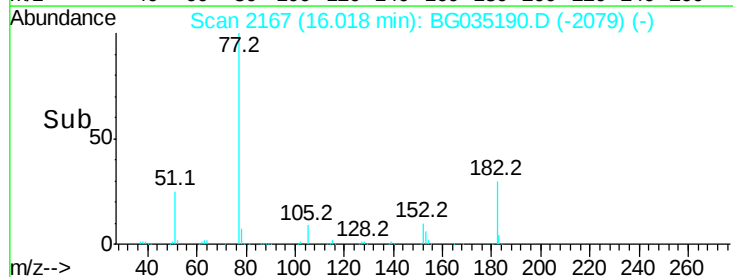
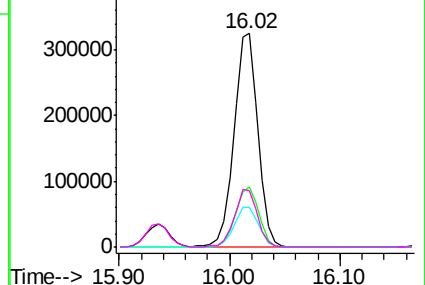


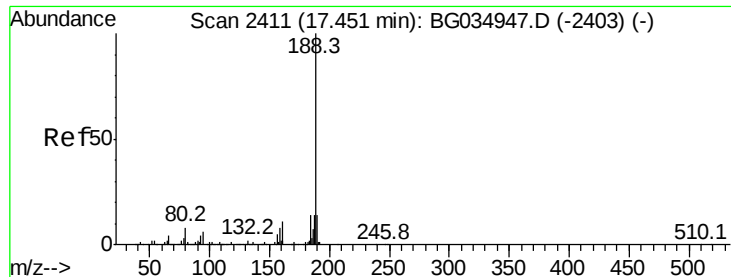
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

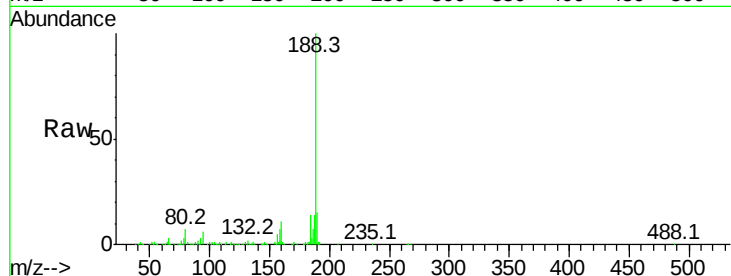
Tot Ion:188 Resp: 352776

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

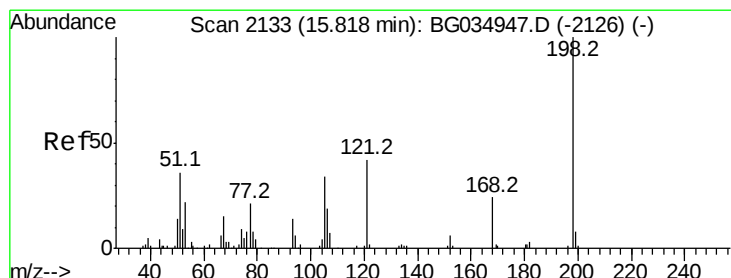
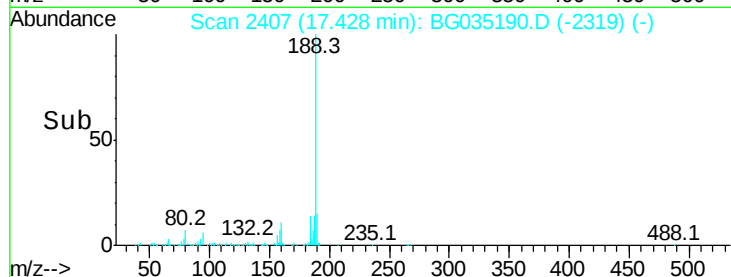
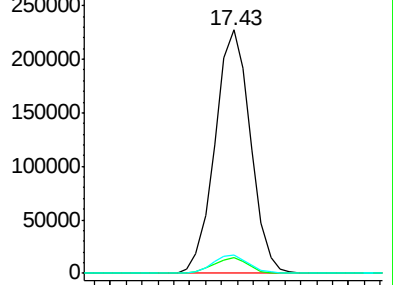
80 7.4 7.7 11.5#



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: 49.263 ng

RT: 15.81 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

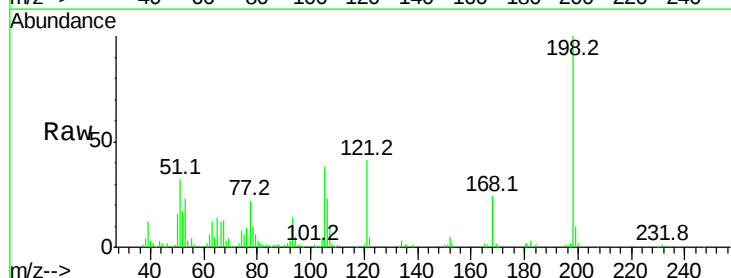
Tgt Ion:198 Resp: 79347

Ion Ratio Lower Upper

198 100

51 32.3 30.6 70.6

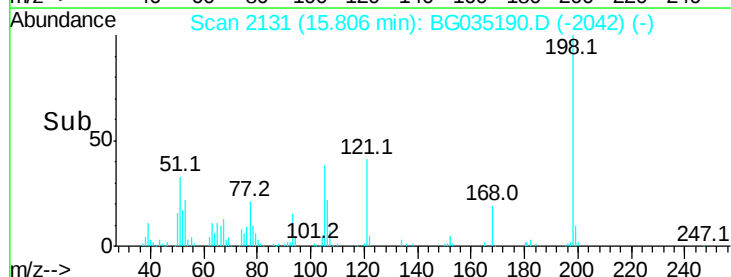
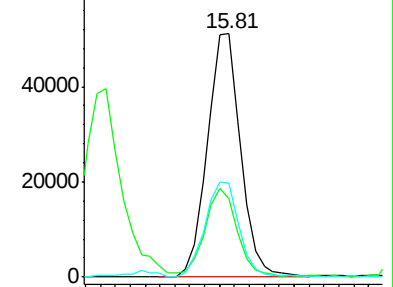
105 38.4 23.8 63.8

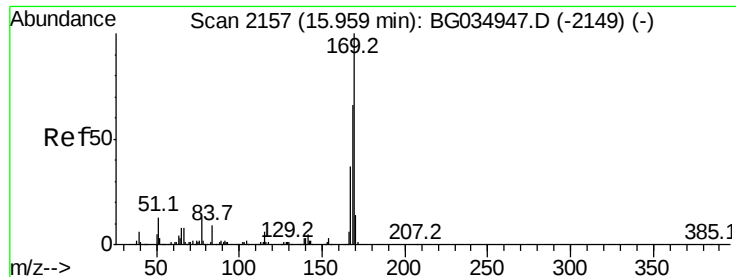


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.829 ng

RT: 15.94 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

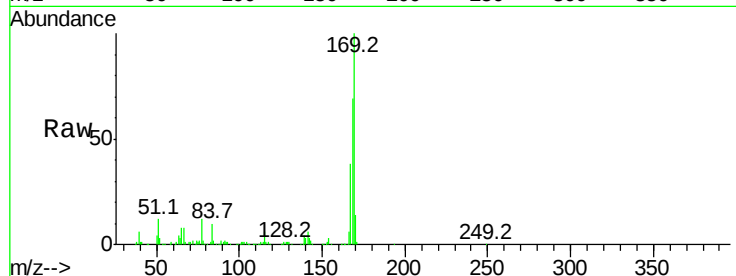
Tot Ion:169 Resp: 432555

Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.7	83.5
167	38.0	30.1	45.1

169 100

168 69.1 55.7 83.5

167 38.0 30.1 45.1

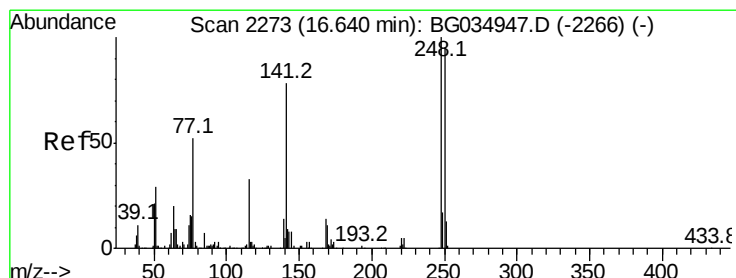
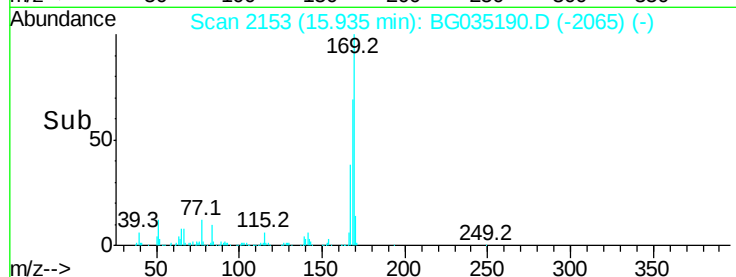
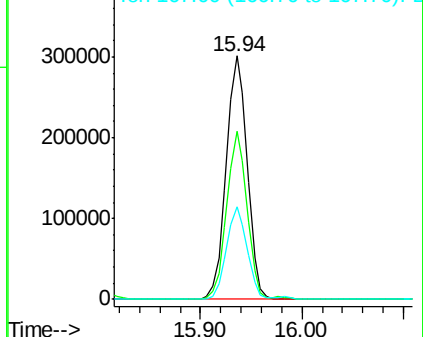


Abundance

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: 44.240 ng

RT: 16.62 min Scan# 2269

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

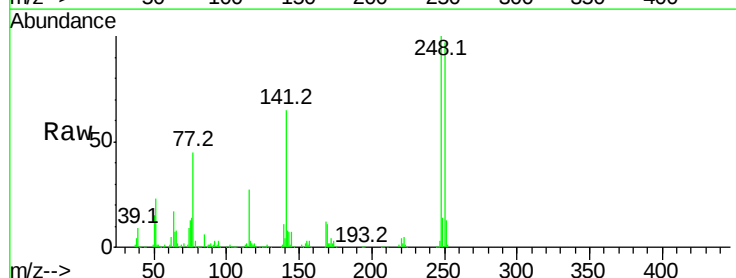
Tgt Ion:248 Resp: 187945

Ion	Ratio	Lower	Upper
248	100		
250	97.0	77.1	115.7
141	65.3	50.8	76.2

248 100

250 97.0 77.1 115.7

141 65.3 50.8 76.2

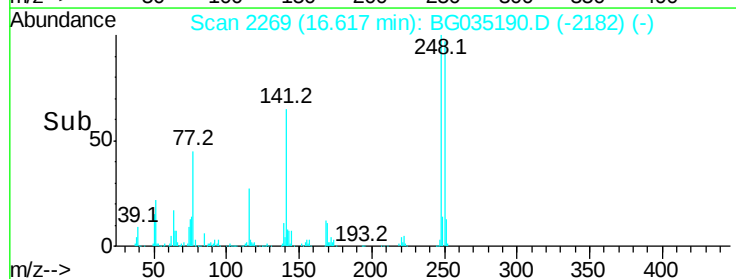
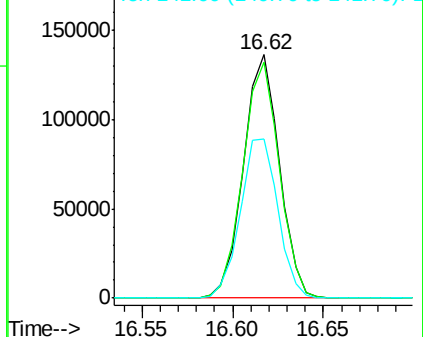


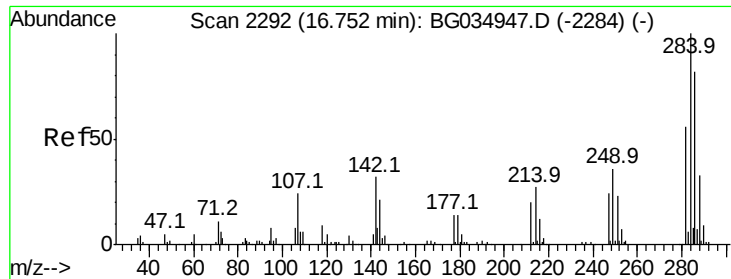
Abundance

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: 44.185 ng

RT: 16.73 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

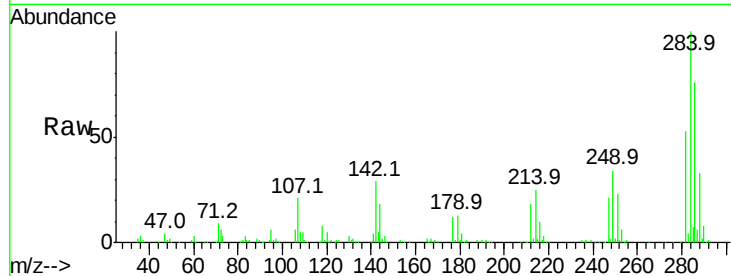
Tot Ion:284 Resp: 191057

Ion Ratio Lower Upper

284 100

142 29.4 26.8 40.2

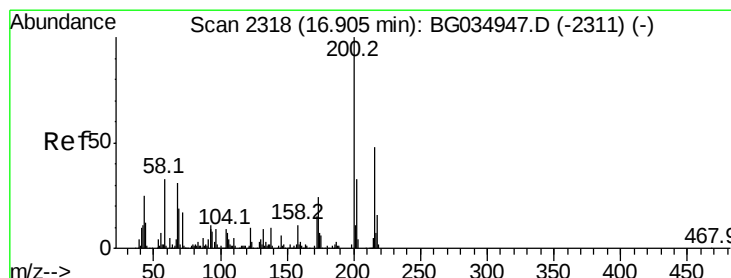
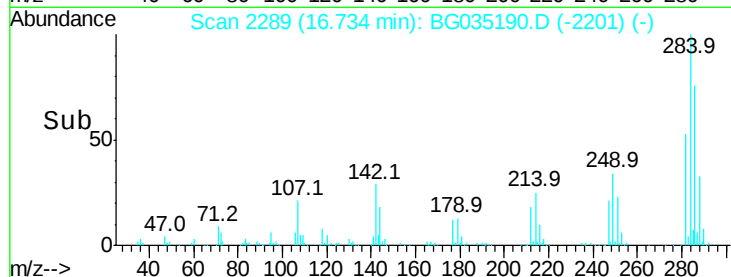
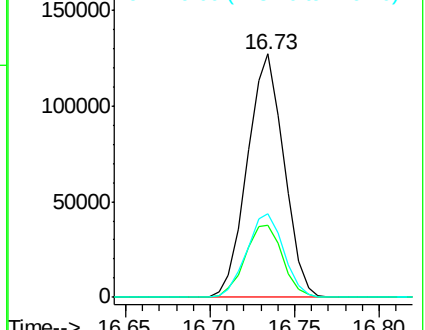
249 34.3 26.3 39.5



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: 43.298 ng

RT: 16.88 min Scan# 2314

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

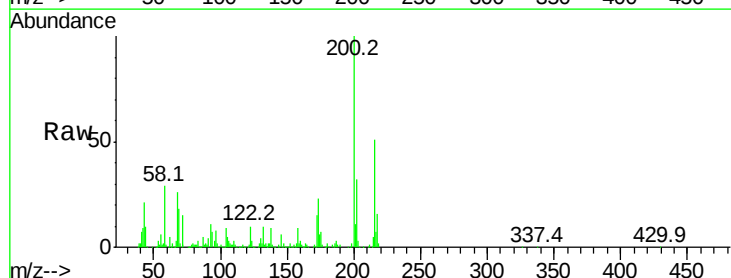
Tgt Ion:200 Resp: 195617

Ion Ratio Lower Upper

200 100

173 22.7 5.2 45.2

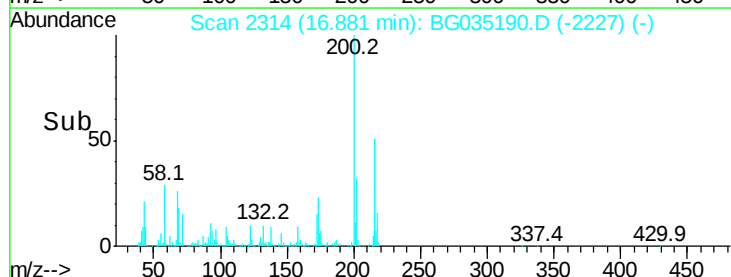
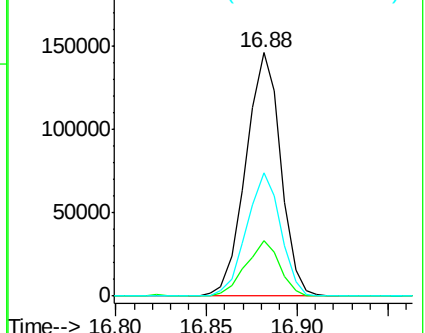
215 50.6 30.4 70.4

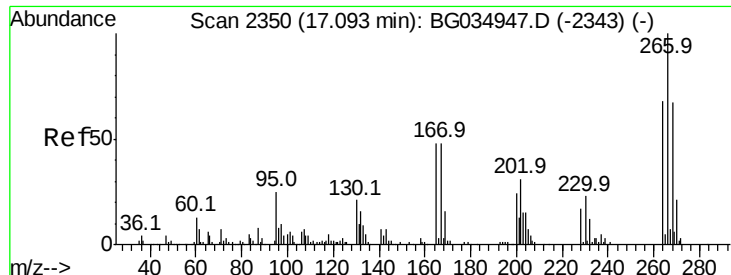


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

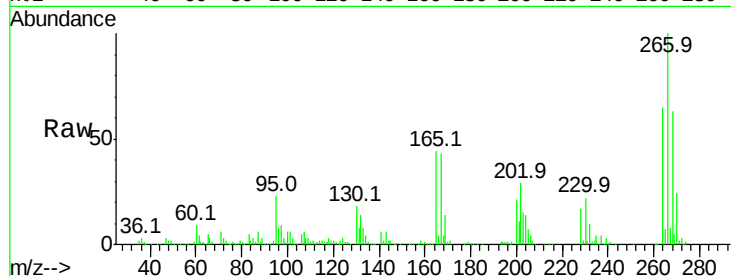




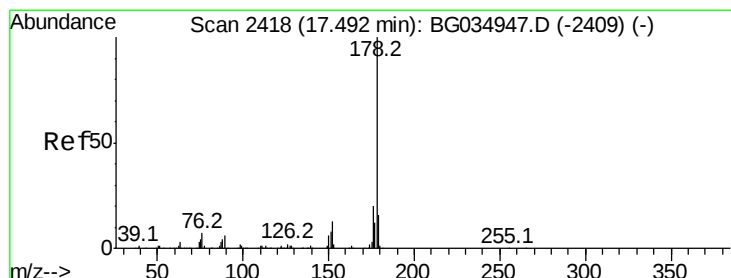
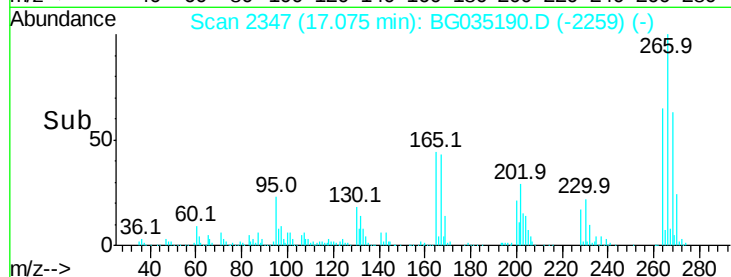
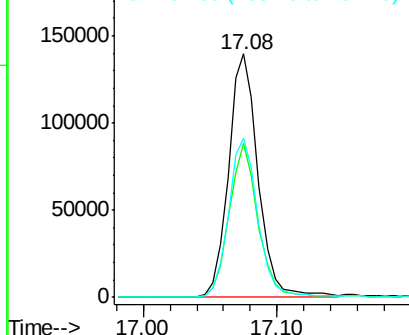
#69
 Pentachlorophenol
 Concen: 74.113 ng
 RT: 17.08 min Scan# 2347
 Delta R.T. -0.01 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	65.3	49.6	74.4

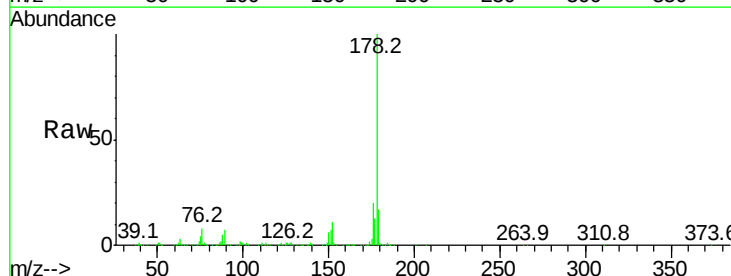


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

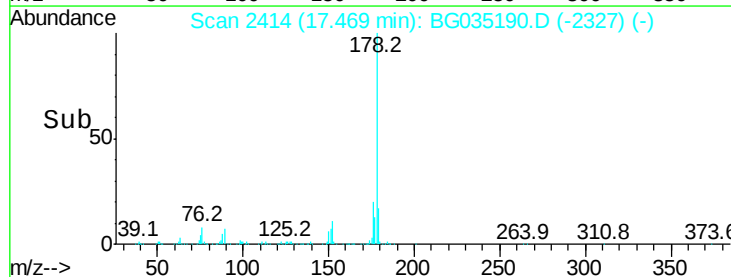
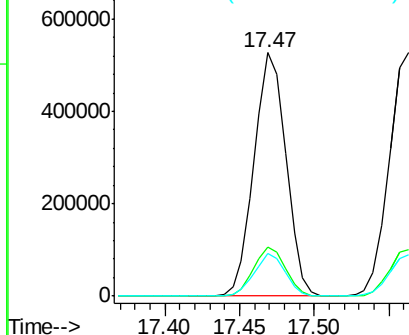


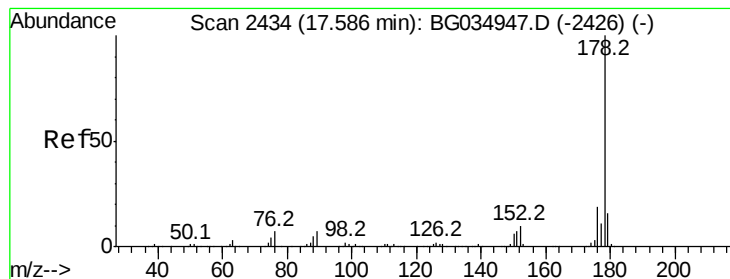
#70
 Phenanthrene
 Concen: 43.576 ng
 RT: 17.47 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	17.5	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: 44.838 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

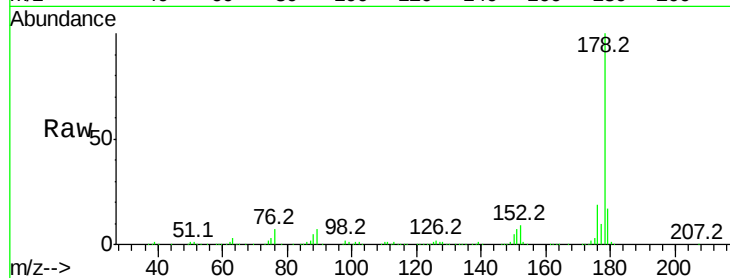
Tot Ion:178 Resp: 804869

Ion Ratio Lower Upper

178 100

176 19.4 16.0 24.0

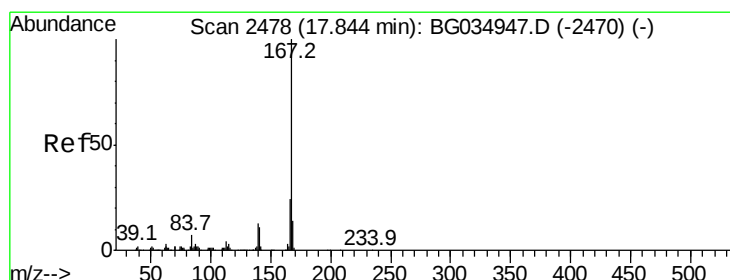
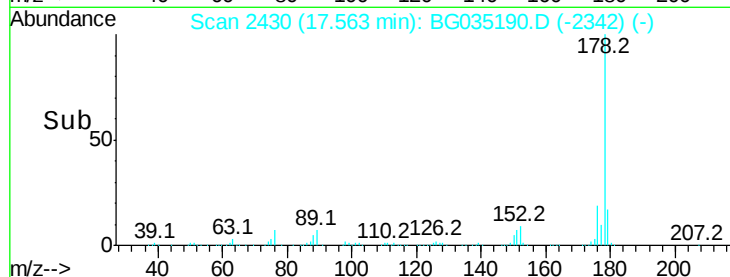
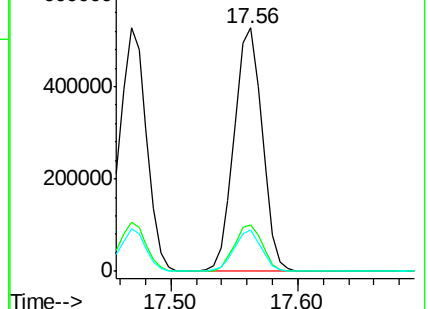
179 17.1 12.5 18.7



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



#72

Carbazole

Concen: 43.320 ng

RT: 17.83 min Scan# 2475

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

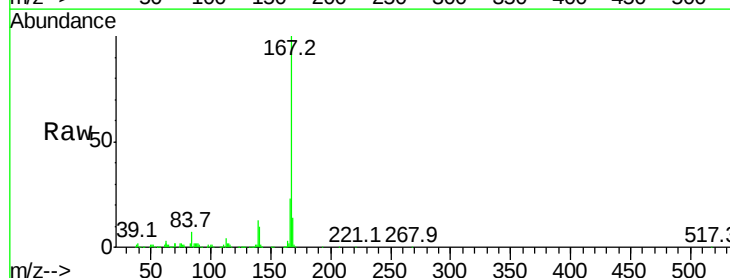
Tgt Ion:167 Resp: 721503

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

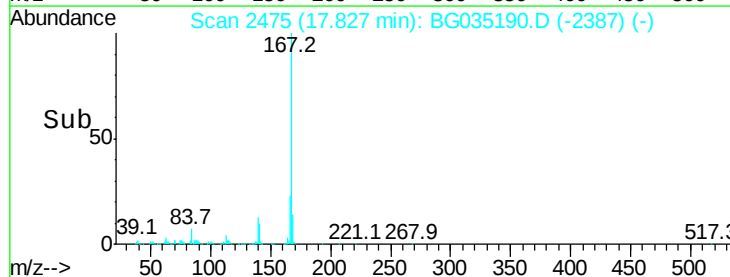
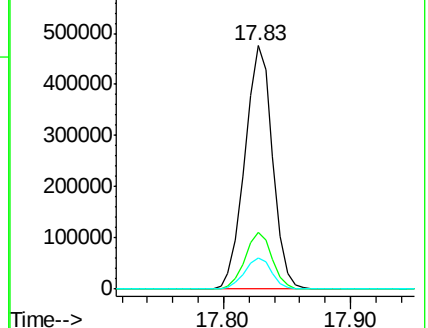
139 12.8 9.4 14.2

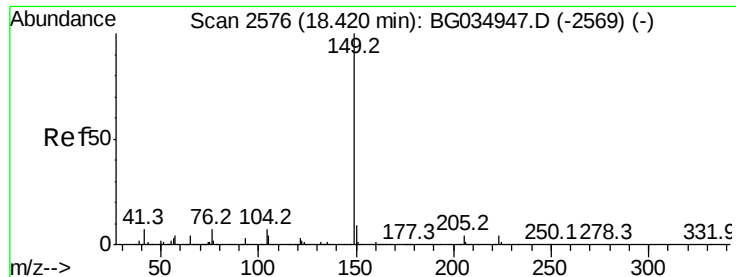


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 41.566 ng

RT: 18.39 min Scan# 2570

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

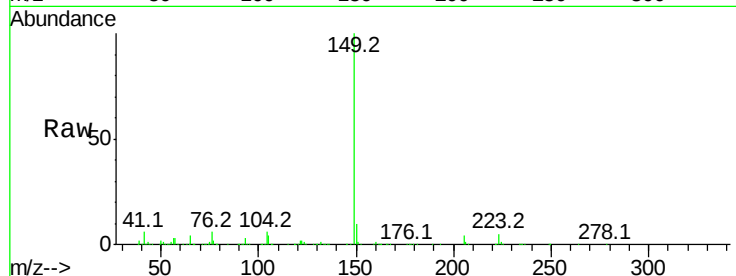
Tot Ion:149 Resp: 825150

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

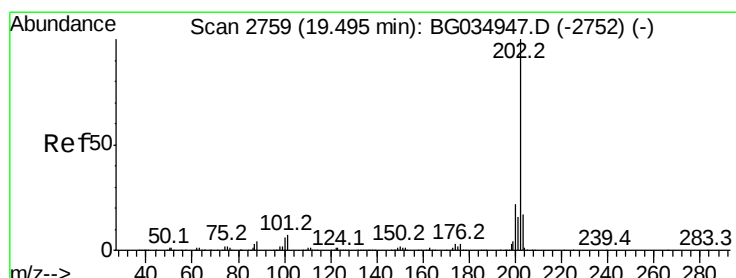
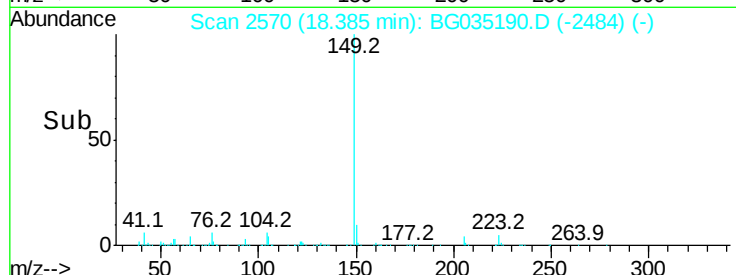
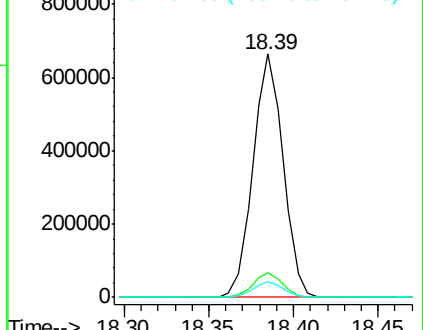
104 6.3 3.9 5.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.132 ng

RT: 19.47 min Scan# 2755

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

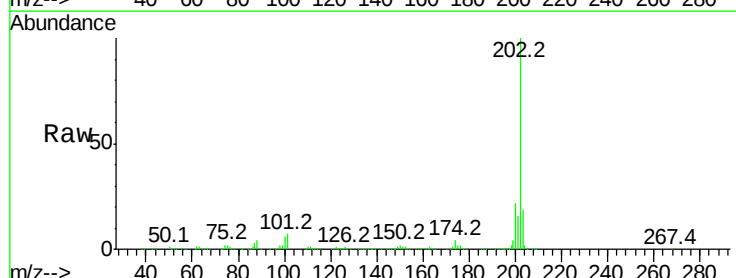
Tgt Ion:202 Resp: 1029120

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.9

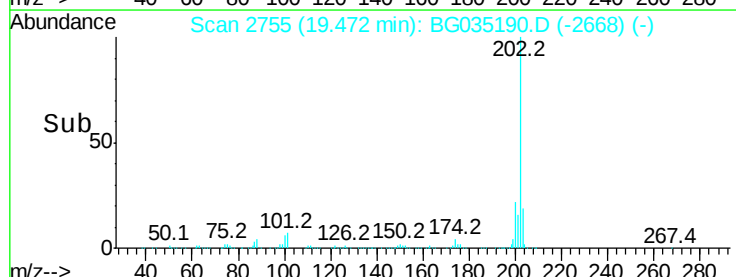
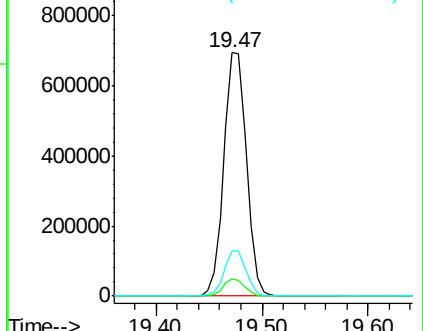
203 18.8 0.0 37.5

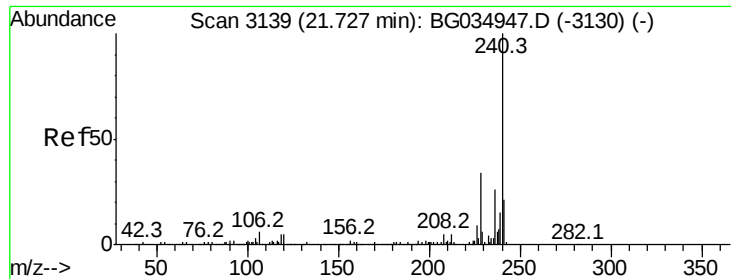


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3134

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

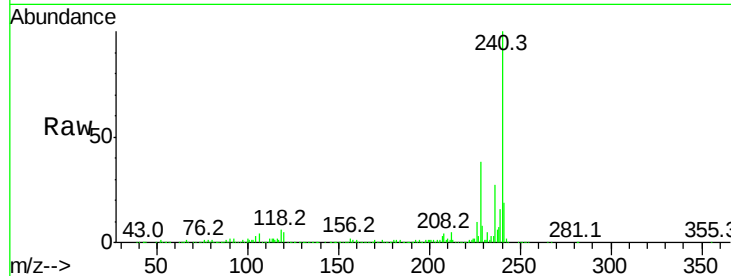
Tot Ion:240 Resp: 371262

Ion Ratio Lower Upper

240 100

120 5.3 6.8 10.2#

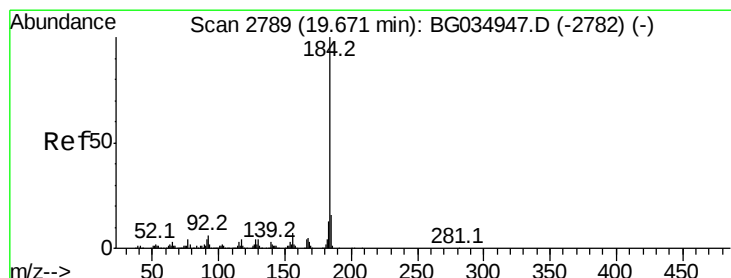
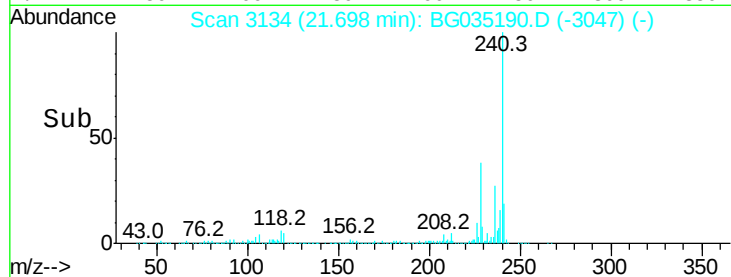
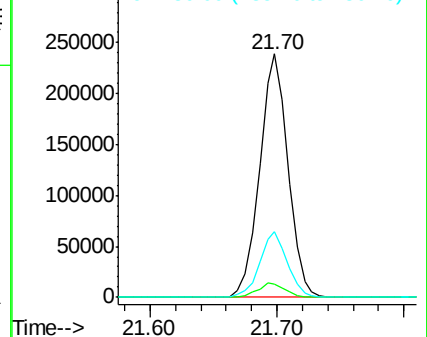
236 26.8 20.9 31.3



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: 25.674 ng

RT: 19.65 min Scan# 2785

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

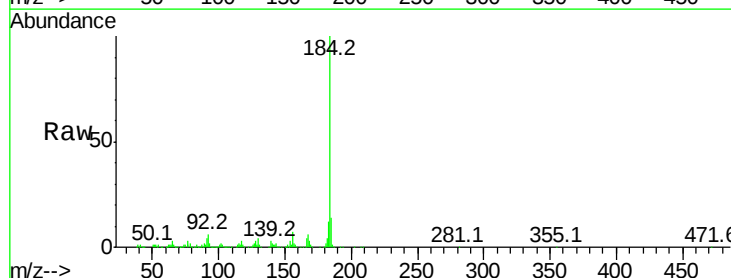
Tgt Ion:184 Resp: 354614

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

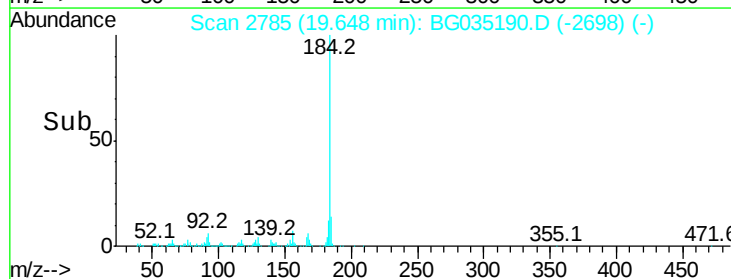
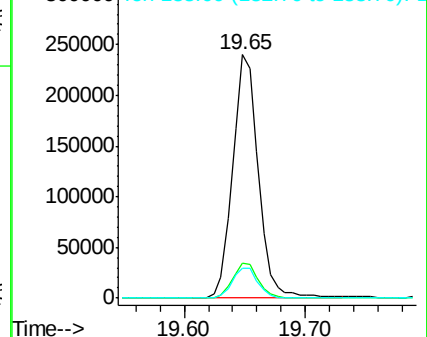
183 12.4 10.6 16.0

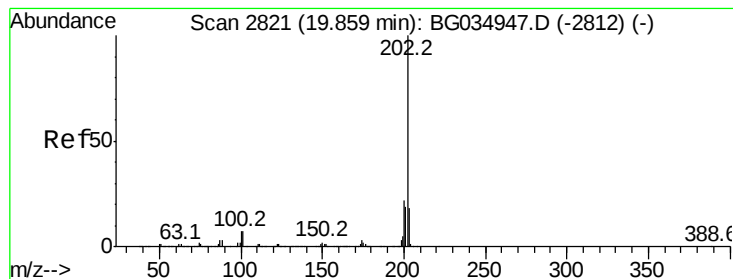


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.629 ng

RT: 19.84 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

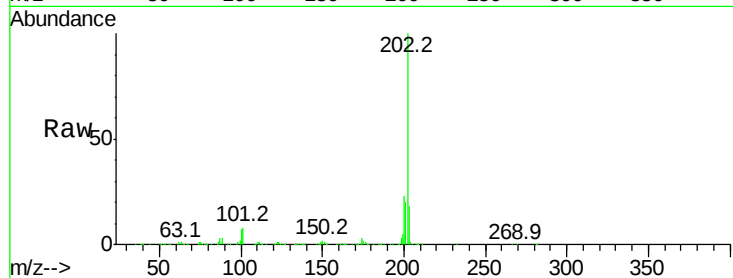
Tot Ion:202 Resp: 1018869

Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.9	25.3
203	18.4	13.9	20.9

202 100

200 22.6 16.9 25.3

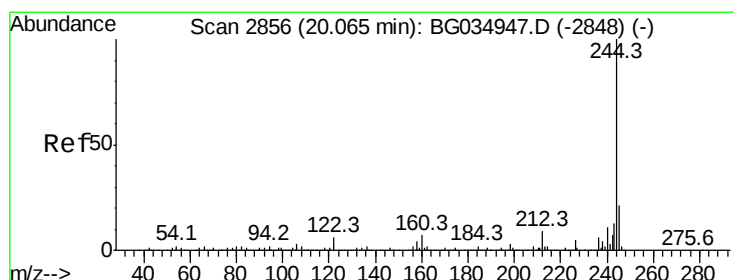
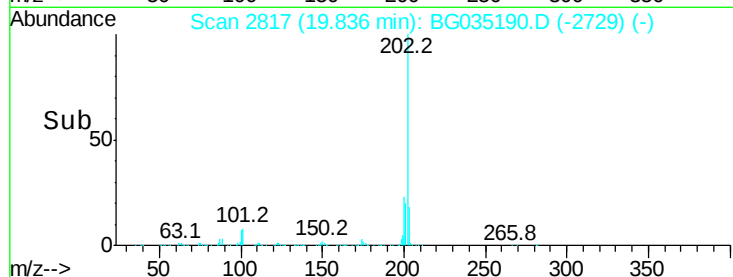
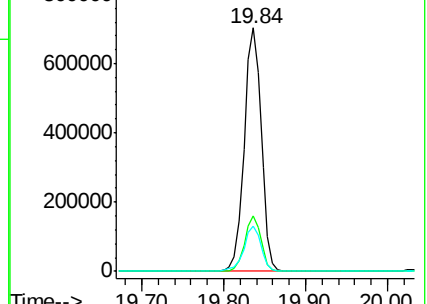
203 18.4 13.9 20.9



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: 88.319 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

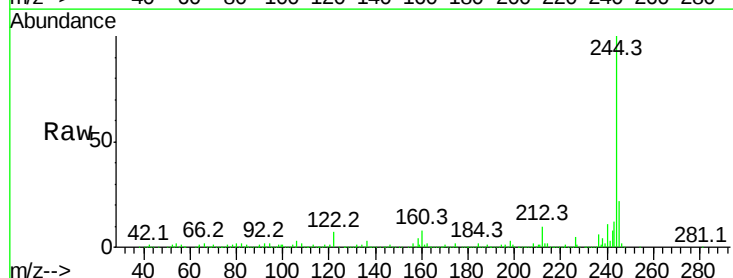
Tgt Ion:244 Resp: 1565374

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.8#
122	7.4	7.0	10.4

244 100

212 9.8 5.8 8.8#

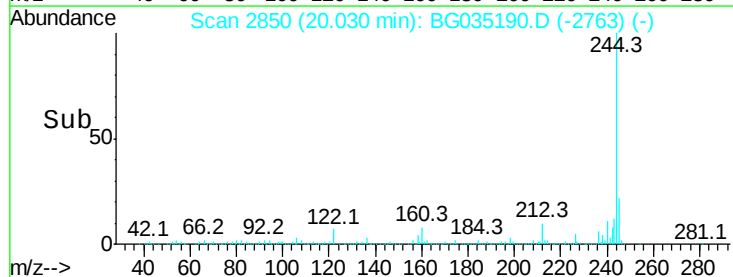
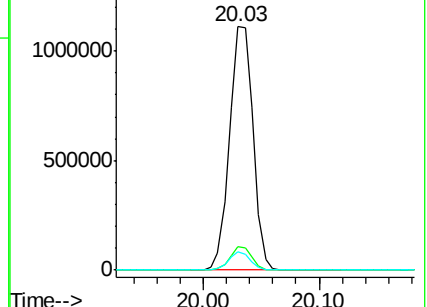
122 7.4 7.0 10.4

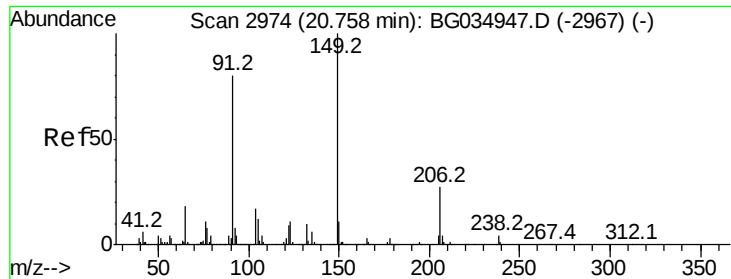


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

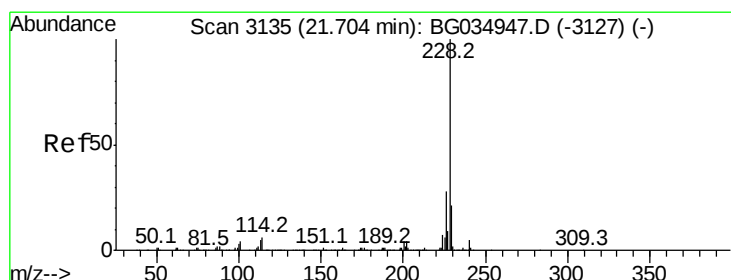
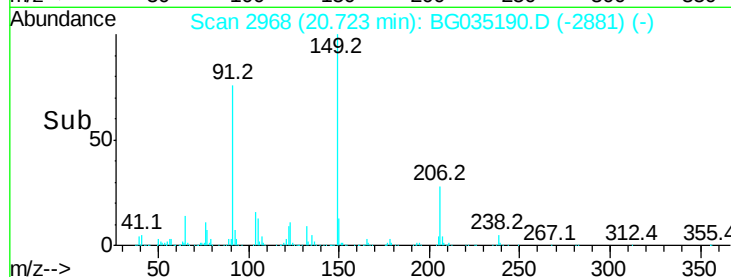
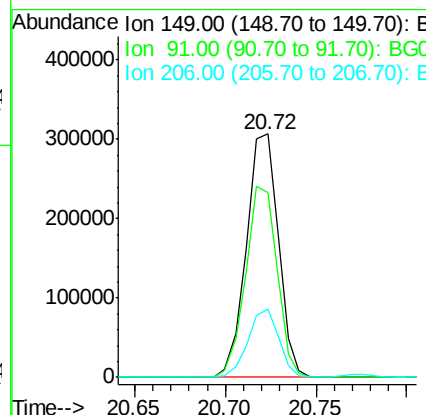
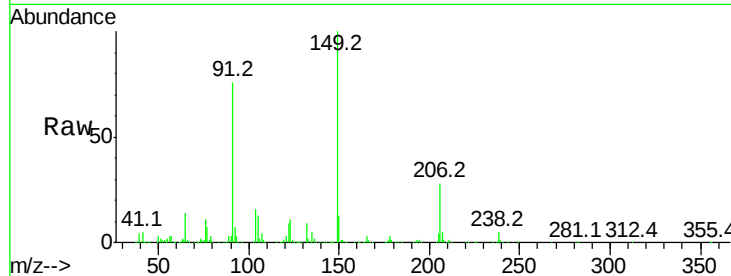




#79
Butylbenzylphthalate
Concen: 42.661 ng
RT: 20.72 min Scan# 2968
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

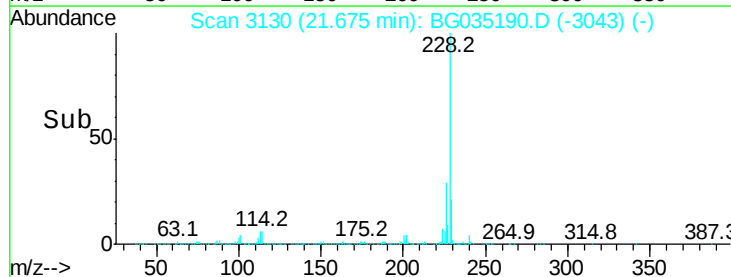
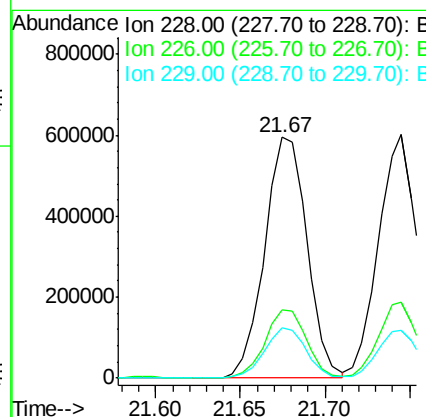
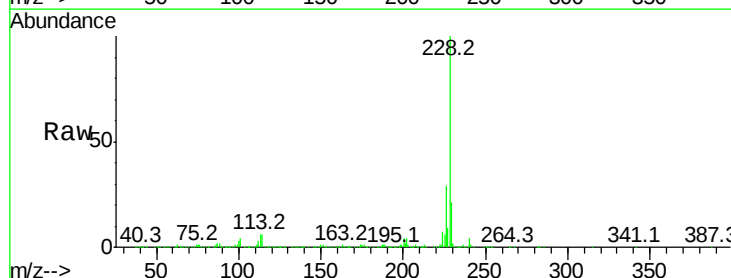
Instrument :
BNA_G
ClientSampleId :

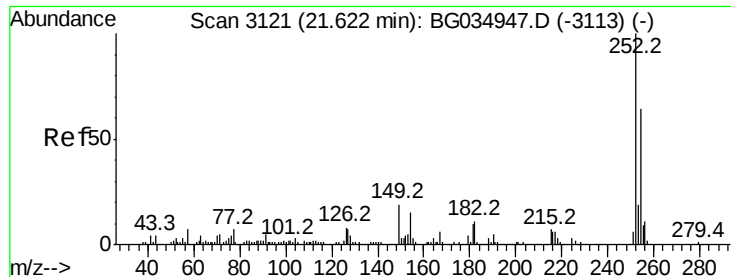
Tot Ion:149 Resp: 379142
Ion Ratio Lower Upper
149 100
91 75.8 62.2 93.2
206 28.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 43.728 ng
RT: 21.67 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion:228 Resp: 1037443
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 21.0 16.2 24.2

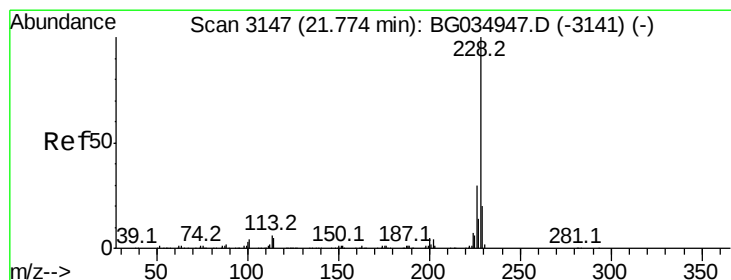
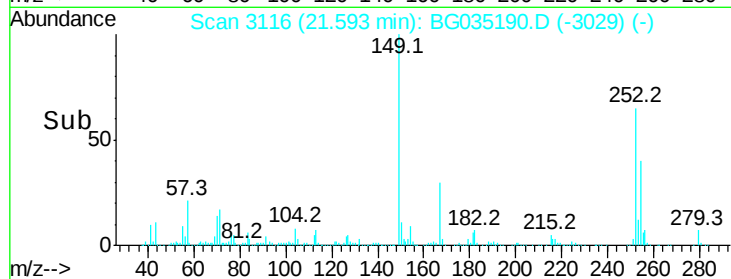
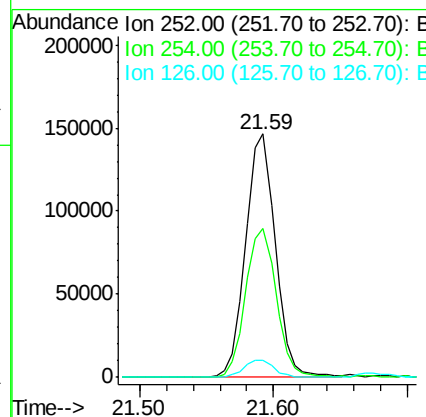
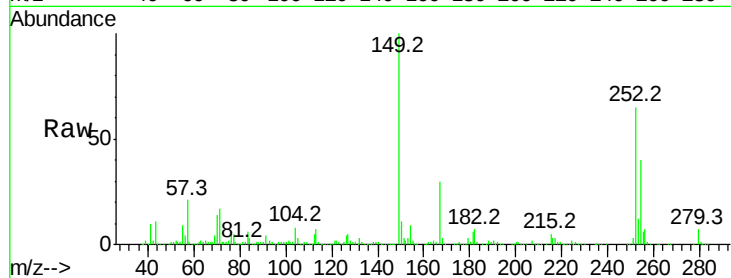




#81
 3,3'-Dichlorobenzidine
 Concen: 25.243 ng
 RT: 21.59 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

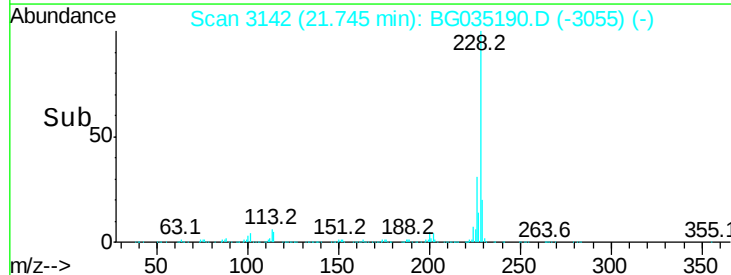
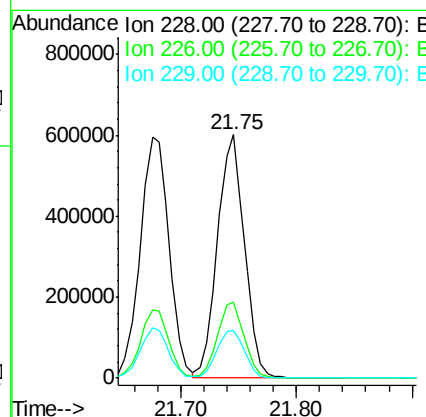
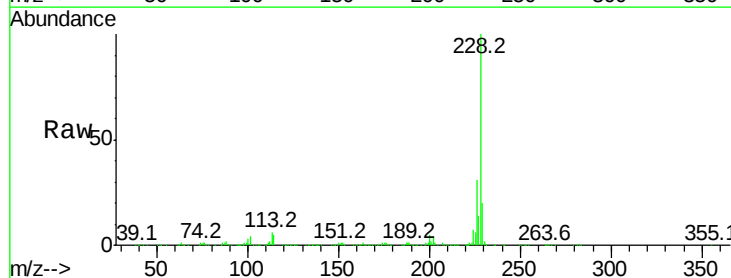
Instrument :
 BNA_G
 ClientSampleId :

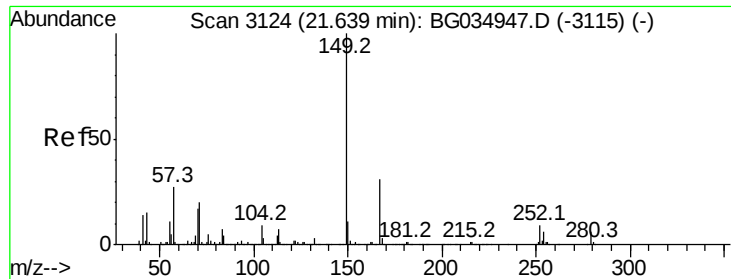
Tot Ion	Ratio	Lower	Upper
252	100		
254	60.9	50.8	76.2
126	6.9	7.4	11.2#



#82
 Chrysene
 Concen: 44.780 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.02 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	19.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.455 ng

RT: 21.58 min Scan# 3114

Delta R.T. -0.04 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampled :

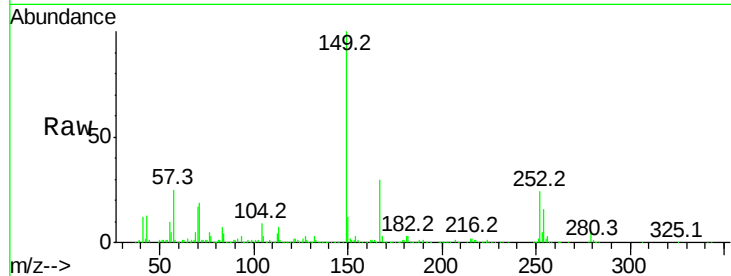
Tot Ion:149 Resp: 520587

Ion Ratio Lower Upper

149 100

167 30.1 24.3 36.5

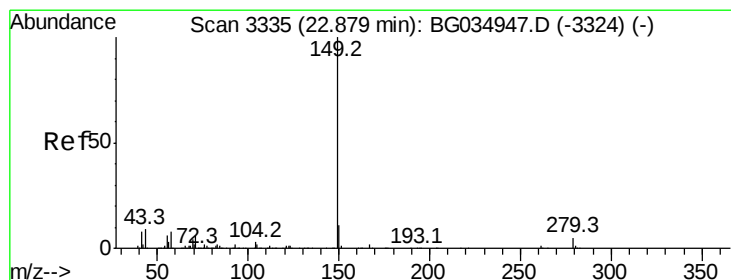
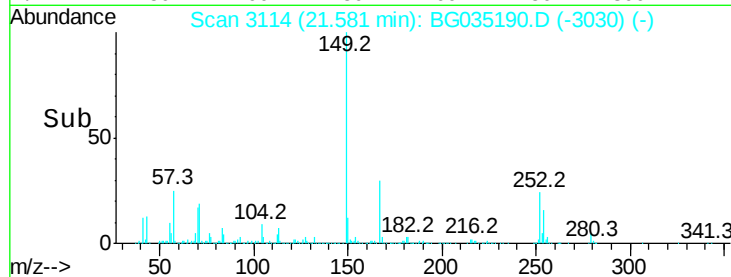
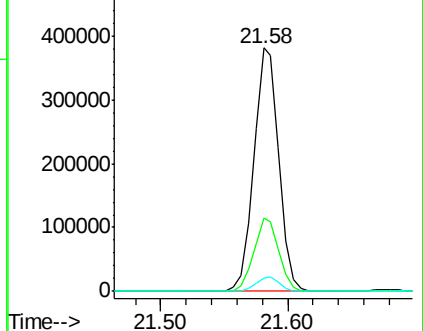
279 5.3 4.0 6.0



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: 41.513 ng

RT: 22.80 min Scan# 3321

Delta R.T. -0.05 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

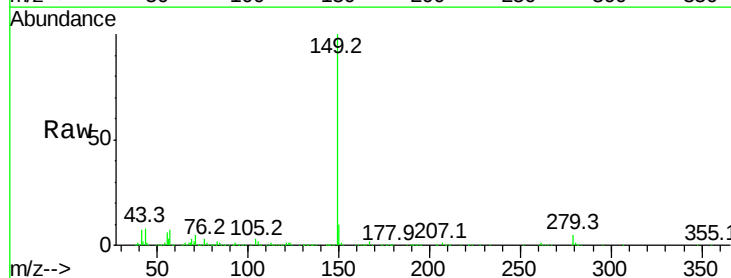
Tgt Ion:149 Resp: 894363

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

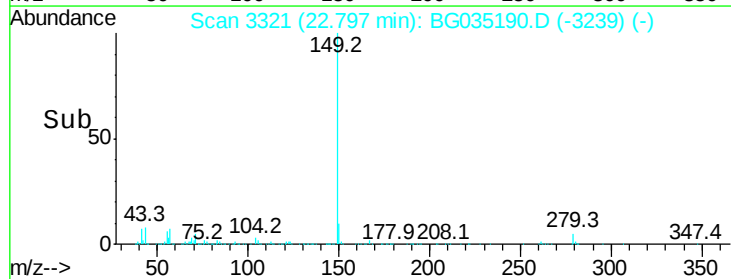
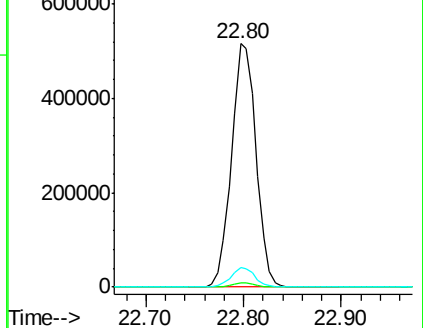
43 7.8 8.9 13.3#

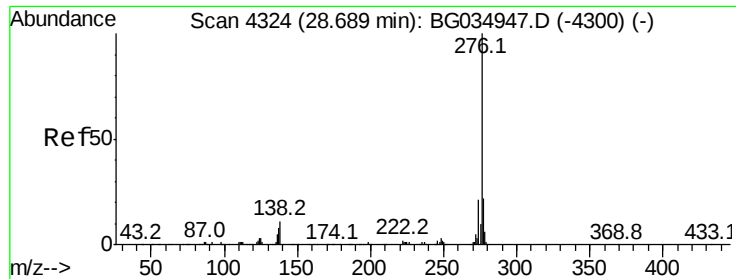


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO



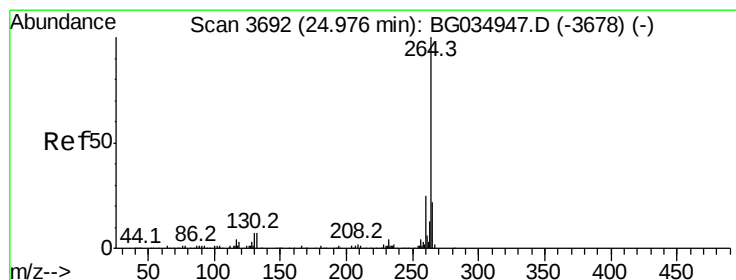
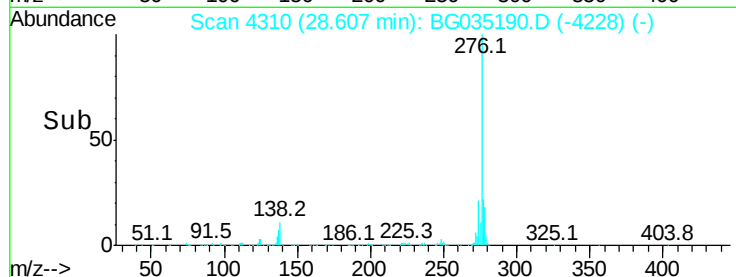
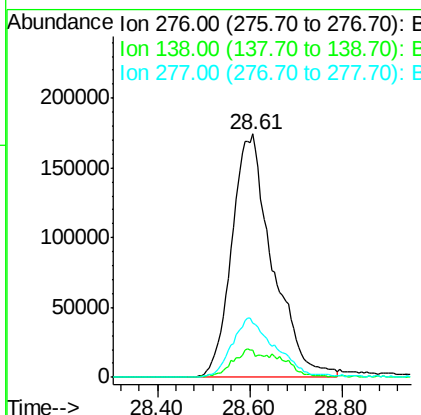
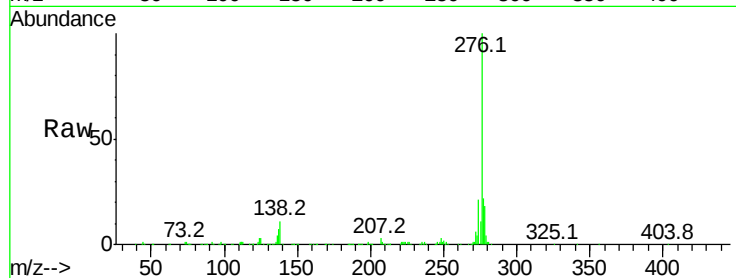


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.948 ng
 RT: 28.61 min Scan# 4310
 Delta R.T. -0.05 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1067184

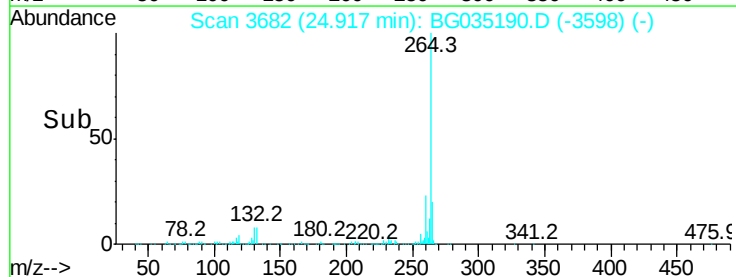
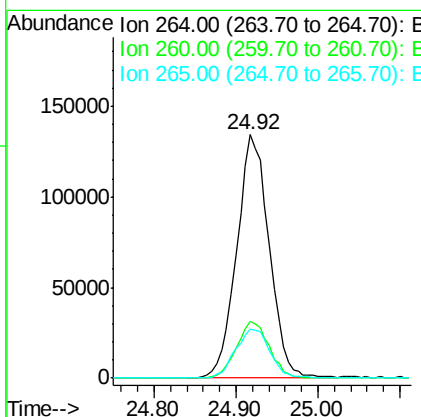
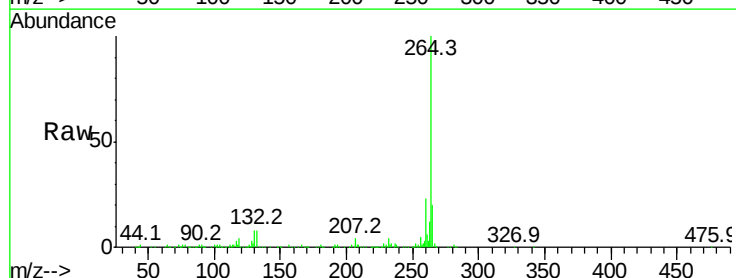
Ion	Ratio	Lower	Upper
276	100		
138	8.0	16.0	24.0#
277	25.3	20.0	30.0

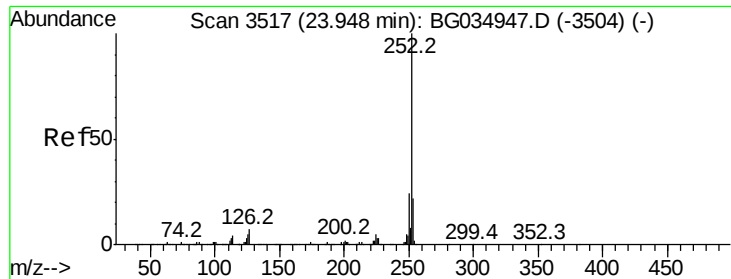


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3682
 Delta R.T. -0.04 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Tgt Ion:264 Resp: 370689

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	20.3	17.7	26.5

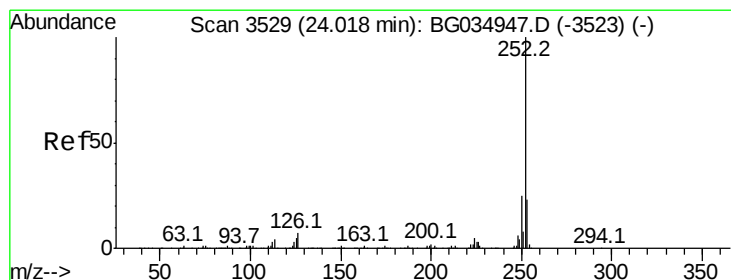
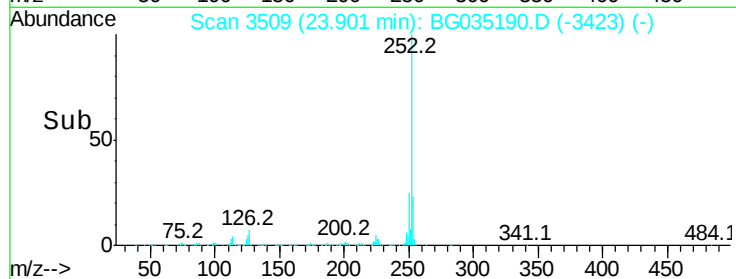
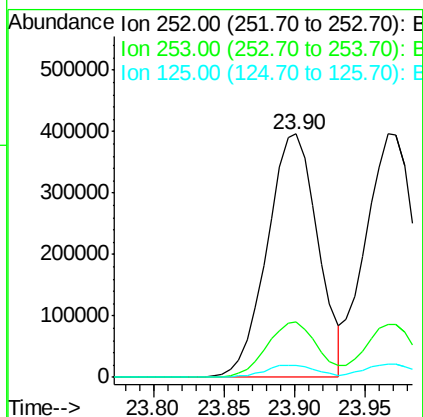
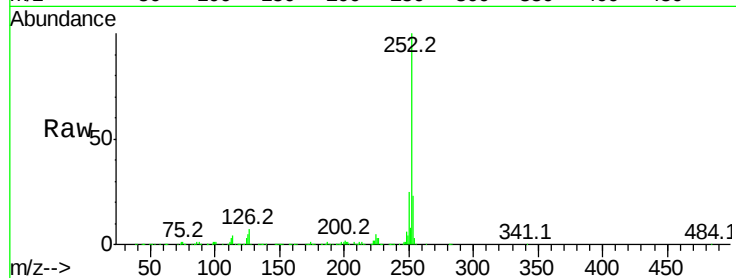




#87
Benzo(b)fluoranthene
Concen: 43.492 ng
RT: 23.90 min Scan# 3509
Delta R.T. -0.02 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

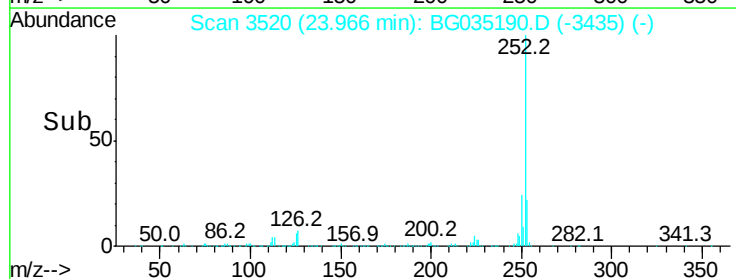
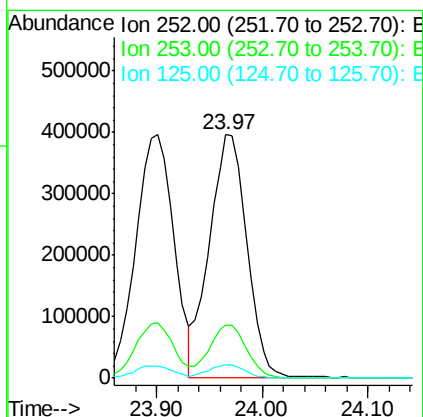
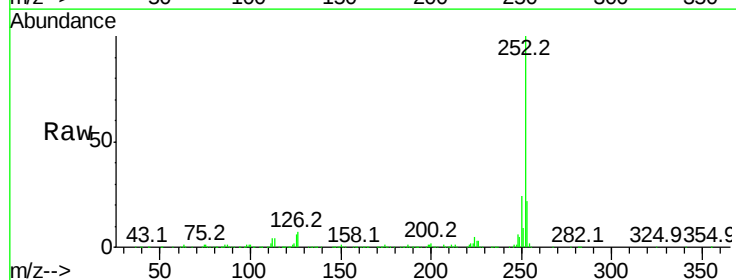
Instrument :
BNA_G
ClientSampleId :

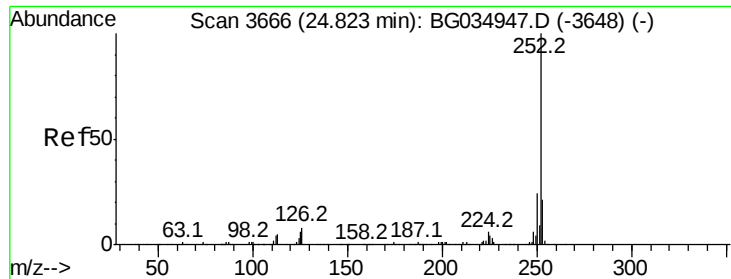
Tot Ion:252 Resp: 992831
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 5.2 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 43.558 ng
RT: 23.97 min Scan# 3520
Delta R.T. -0.03 min
Lab File: BG035190.D
Acq: 16 Jun 2018 2:49

Tgt Ion:252 Resp: 972680
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.2
125 5.6 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 44.916 ng

RT: 24.77 min Scan# 3657

Delta R.T. -0.04 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

Instrument :

BNA_G

ClientSampleId :

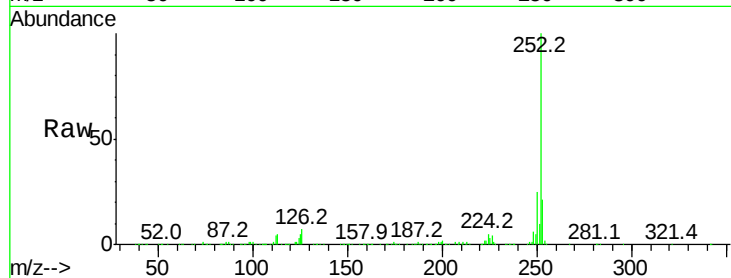
Tot Ion:252 Resp: 964825

Ion Ratio Lower Upper

252 100

253 21.4 18.3 27.5

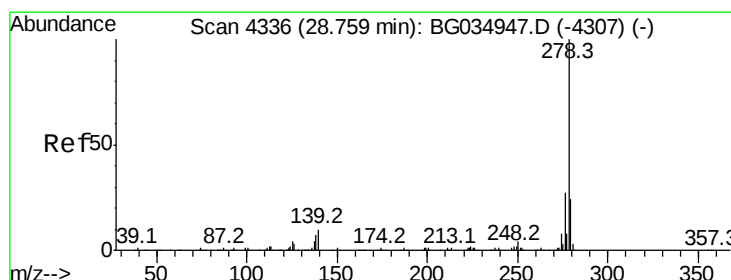
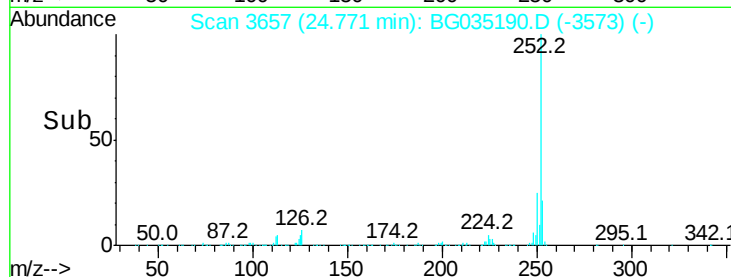
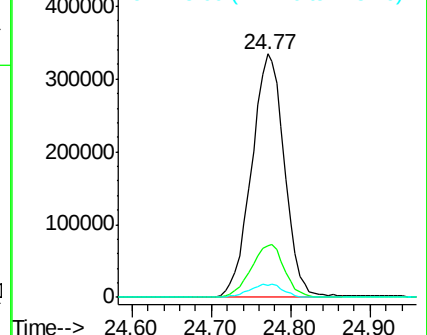
125 5.2 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.910 ng

RT: 28.67 min Scan# 4320

Delta R.T. -0.06 min

Lab File: BG035190.D

Acq: 16 Jun 2018 2:49

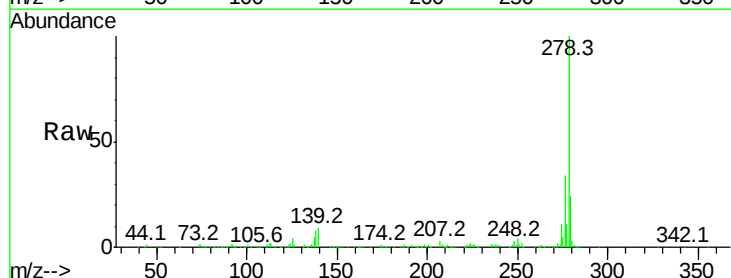
Tgt Ion:278 Resp: 846281

Ion Ratio Lower Upper

278 100

139 8.8 9.8 14.6#

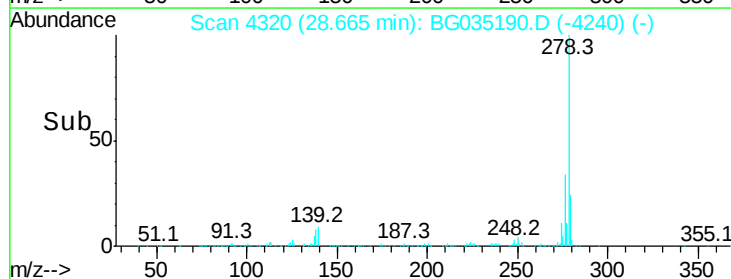
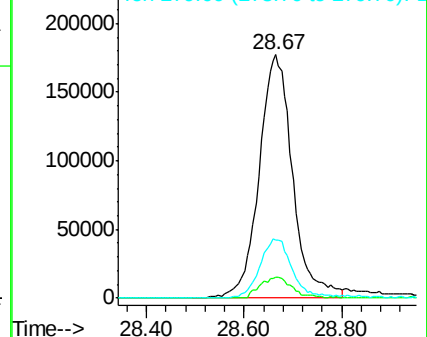
279 24.0 18.4 27.6

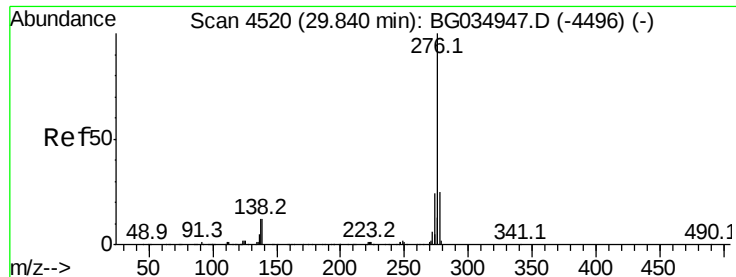


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

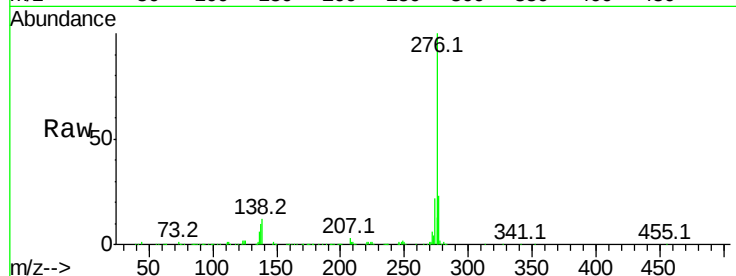




#91
 Benzo(a,h,i)perylene
 Concen: 41.935 ng
 RT: 29.76 min Scan# 4506
 Delta R.T. -0.05 min
 Lab File: BG035190.D
 Acq: 16 Jun 2018 2:49

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.3	27.5
138	12.3	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

