

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038235.D
 Acq On : 29 Nov 2018 16:24
 Operator : JU/SJ
 Sample : PB115157BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BS

Quant Time: Nov 29 17:07:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34575	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	151686	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	95193	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	225490	20.00	ng	0.00
76) Chrysene-d12	21.75	240	211037	20.00	ng	0.00
87) Perylene-d12	25.07	264	201609	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	302171	150.89	ng	0.00
7) Phenol-d6	7.23	99	412121	144.17	ng	0.00
23) Nitrobenzene-d5	9.26	82	198615	70.09	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	151930	139.94	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	425158	65.07	ng	0.00
79) Terphenyl-d14	20.07	244	685521	76.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	32735	34.608	ng	93
3) Pyridine	3.91	79	92535	34.295	ng	94
4) n-Nitrosodimethylamine	3.84	42	53878	55.040	ng	95
6) Aniline	7.41	93	121808	33.017	ng	98
8) 2-Chlorophenol	7.65	128	113744	48.951	ng	99
9) Benzaldehyde	7.23	77	57996	28.055	ng	97
10) Phenol	7.26	94	146176	48.278	ng	97
11) bis(2-Chloroethyl)ether	7.50	93	108200	43.773	ng	100
12) 1,3-Dichlorobenzene	7.97	146	110502	41.281	ng	98
13) 1,4-Dichlorobenzene	8.12	146	114211	42.237	ng	98
14) 1,2-Dichlorobenzene	8.44	146	112246	43.479	ng	97
15) Benzyl Alcohol	8.33	79	103158	49.874	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	230597	50.240	ng	97
17) 2-Methylphenol	8.52	107	100569	49.129	ng	99
18) Hexachloroethane	9.17	117	42212	42.894	ng	91
19) n-Nitroso-di-n-propylamine	8.89	70	88584	42.828	ng	97
20) 3+4-Methylphenols	8.85	107	139897	48.209	ng	94
22) Acetophenone	8.91	105	164757	43.655	ng	# 96
24) Nitrobenzene	9.30	77	134605	46.436	ng	97
25) Isophorone	9.82	82	244606	47.959	ng	97
26) 2-Nitrophenol	10.01	139	65347	45.157	ng	96
27) 2,4-Dimethylphenol	10.05	122	114986	52.738	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	148310	45.475	ng	96
29) 2,4-Dichlorophenol	10.55	162	118540	48.335	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	118439	43.097	ng	96
31) Naphthalene	10.95	128	350316	46.955	ng	99
32) Benzoic acid	10.19	122	51048	39.352	ng	90
33) 4-Chloroaniline	11.06	127	95929	27.642	ng	98
34) Hexachlorobutadiene	11.22	225	72265	42.725	ng	95
35) Caprolactam	11.86	113	41403	42.177	ng	93
36) 4-Chloro-3-methylphenol	12.17	107	129650	48.389	ng	95
37) 2-Methylnaphthalene	12.55	142	253589	47.320	ng	96
38) 1-Methylnaphthalene	12.77	142	242994	47.106	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	135294	42.533	ng	99

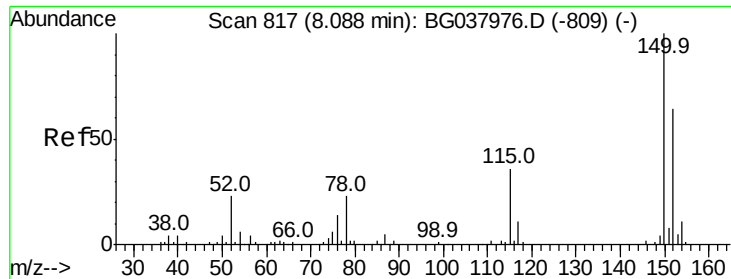
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
 Data File : BG038235.D
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 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	146691	86.121	nq	100
43) 2,4,6-Trichlorophenol	13.15	196	96702	44.613	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	104030	45.613	nq	98
46) 1,1'-Biphenyl	13.56	154	325293	40.676	nq	99
47) 2-Chloronaphthalene	13.60	162	260939	42.759	nq	100
48) 2-Nitroaniline	13.81	65	94717	49.315	nq	96
49) Acenaphthylene	14.45	152	428459	46.688	nq	99
50) Dimethylphthalate	14.17	163	331055	43.868	nq	99
51) 2,6-Dinitrotoluene	14.30	165	77285	45.249	nq	95
52) Acenaphthene	14.78	154	247846	44.861	nq	100
53) 3-Nitroaniline	14.64	138	67612	35.874	nq	# 97
54) 2,4-Dinitrophenol	14.84	184	52279	59.415	nq	# 86
55) Dibenzofuran	15.12	168	398656	43.639	nq	98
56) 4-Nitrophenol	14.93	139	122433	84.227	nq	91
57) 2,4-Dinitrotoluene	15.08	165	109424	47.086	nq	# 95
58) Fluorene	15.77	166	318069	46.664	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	90877	47.619	nq	97
60) Diethylphthalate	15.52	149	349664	43.623	nq	99
61) 4-Chlorophenyl-phenylether	15.75	204	169754	42.563	nq	98
62) 4-Nitroaniline	15.80	138	84793	45.288	nq	92
63) Azobenzene	16.05	77	330452	46.108	nq	95
65) 4,6-Dinitro-2-methylphenol	15.84	198	52361	36.713	nq	90
66) n-Nitrosodiphenylamine	15.97	169	293838	43.074	nq	99
67) 4-Bromophenyl-phenylether	16.65	248	106750	43.132	nq	95
68) Hexachlorobenzene	16.76	284	108025	42.286	nq	97
69) Atrazine	16.91	200	112000	44.538	nq	98
70) Pentachlorophenol	17.11	266	119557	68.908	nq	95
71) Phenanthrene	17.51	178	542799	47.017	nq	99
72) Anthracene	17.60	178	548301	48.181	nq	99
73) Carbazole	17.87	167	502454	44.007	nq	100
74) Di-n-butylphthalate	18.41	149	610098	47.602	nq	99
75) Fluoranthene	19.51	202	649235	49.290	nq	99
77) Benzidine	19.70	184	204302	27.589	nq	99
78) Pyrene	19.88	202	645117	46.755	nq	98
80) Butylbenzylphthalate	20.75	149	283580	46.997	nq	98
81) Benzo(a)anthracene	21.73	228	610933	47.904	nq	98
82) 3,3'-Dichlorobenzidine	21.65	252	171038	34.429	nq	98
83) Chrysene	21.80	228	565799	46.369	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	396339	46.059	nq	98
85) Di-n-octyl phthalate	22.84	149	681638	48.964	nq	98
86) Indeno(1,2,3-cd)pyrene	28.89	276	577389	42.605	nq	# 95
88) Benzo(b)fluoranthene	24.01	252	603549	54.400	nq	99
89) Benzo(k)fluoranthene	24.08	252	570799	52.139	nq	99
90) Benzo(a)pyrene	24.91	252	575345	54.263	nq	98
91) Dibenzo(a,h)anthracene	28.95	278	465907	45.669	nq	97
92) Benzo(g,h,i)perylene	30.08	276	465025	45.843	nq	98

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

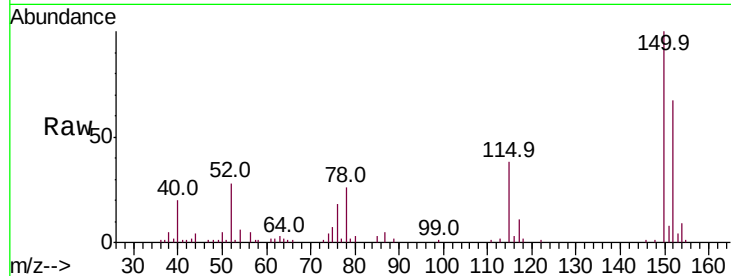


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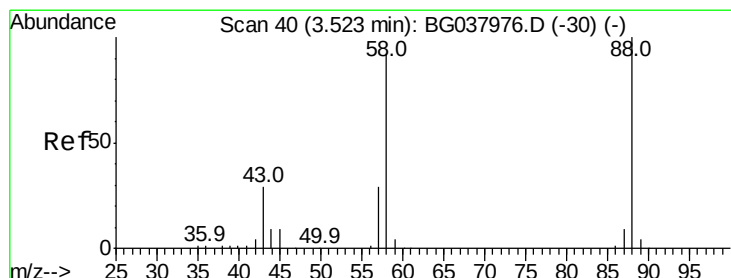
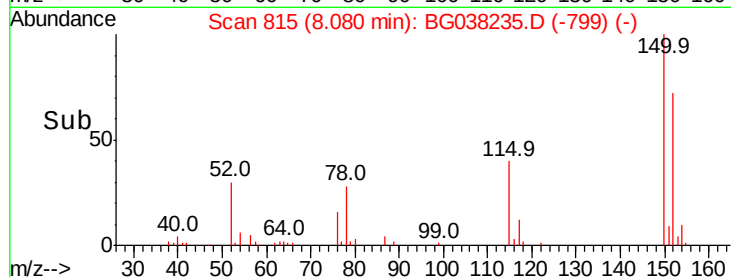
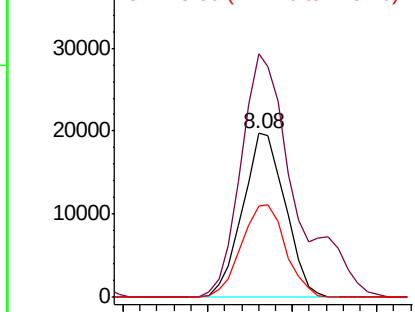
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Instrument :
BNA_G
ClientSampleId :
PB115157BS

Tot Ion:152 Resp: 34575
Ion Ratio Lower Upper
152 100
150 148.6 126.0 189.0
115 55.9 45.5 68.3



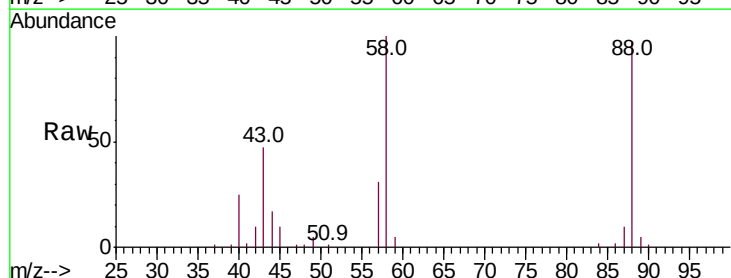
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



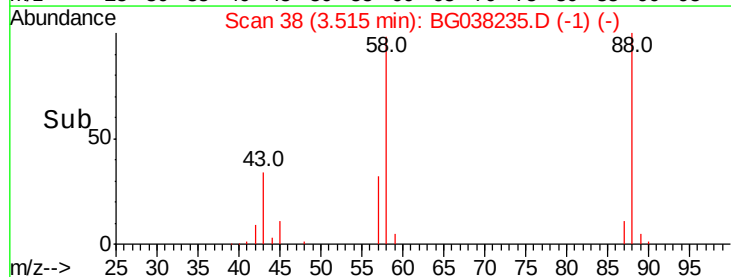
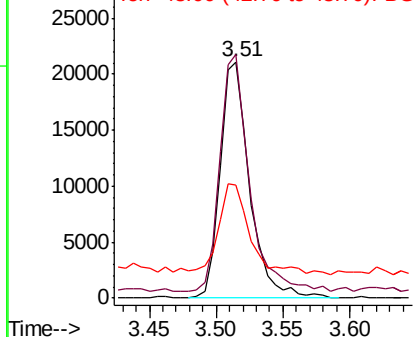
#2

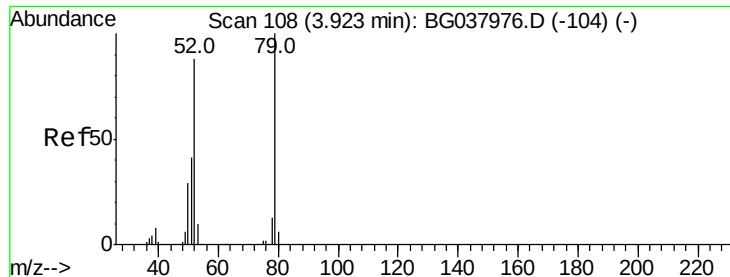
1,4-Dioxane
Concen: 34.608 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion: 88 Resp: 32735
Ion Ratio Lower Upper
88 100
58 100.3 74.4 111.6
43 35.1 25.8 38.8



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: 34.295 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

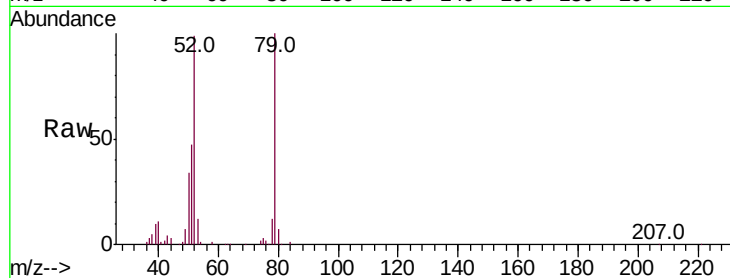
Tot Ion: 79 Resp: 92535

Ion Ratio Lower Upper

79 100

52 99.4 74.2 111.2

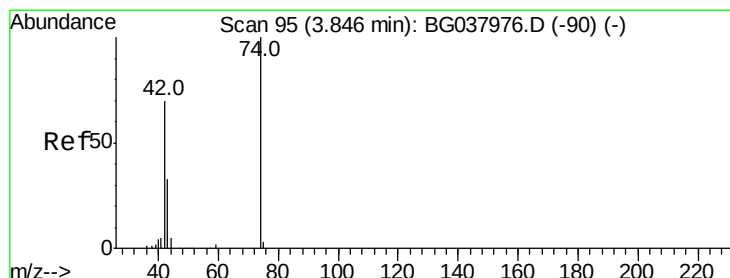
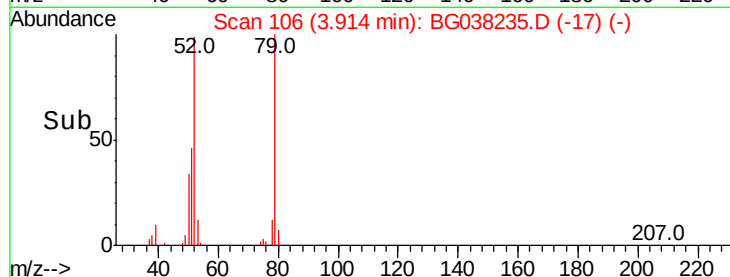
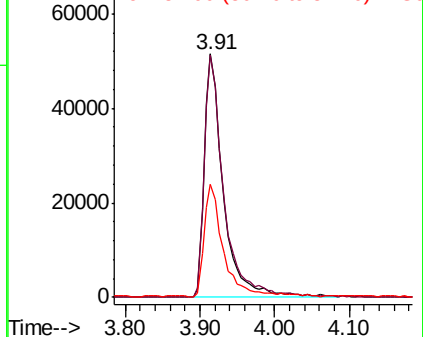
51 46.7 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 55.040 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

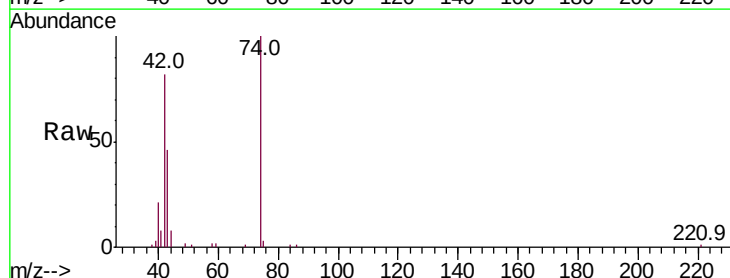
Tgt Ion: 42 Resp: 53878

Ion Ratio Lower Upper

42 100

74 121.6 102.0 153.0

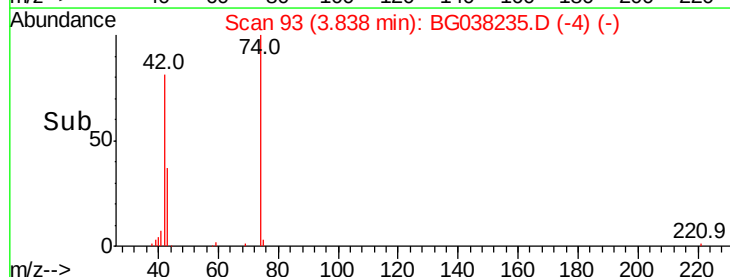
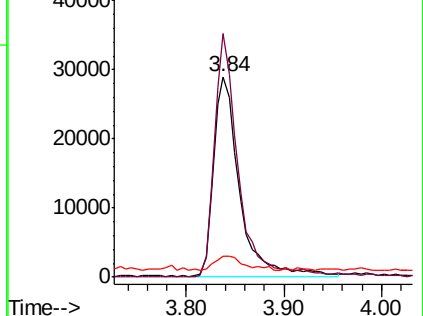
44 10.2 9.6 14.4

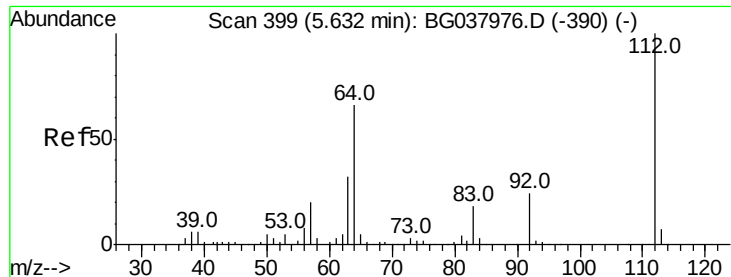


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 150.895 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

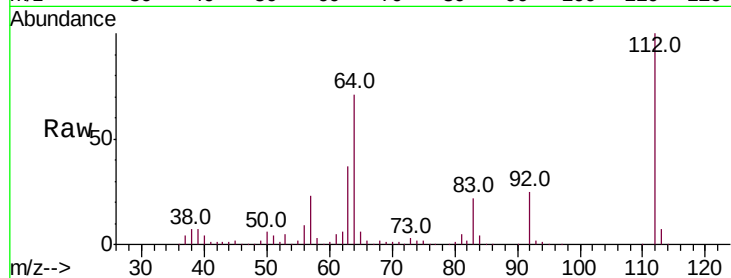
Tot Ion:112 Resp: 302171

Ion Ratio Lower Upper

112 100

64 70.7 53.1 79.7

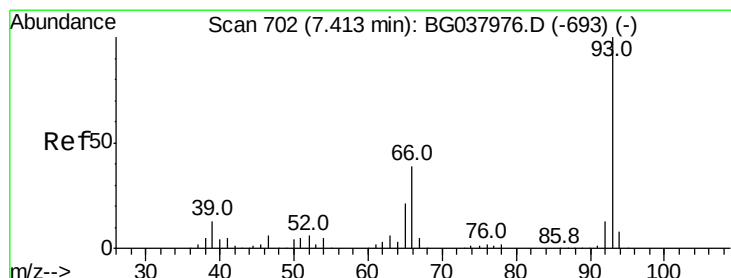
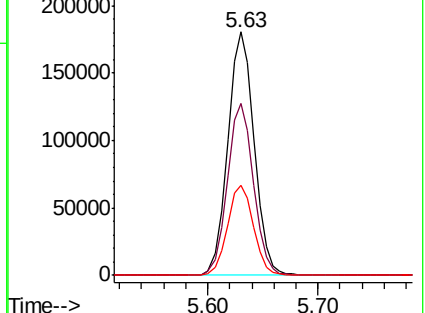
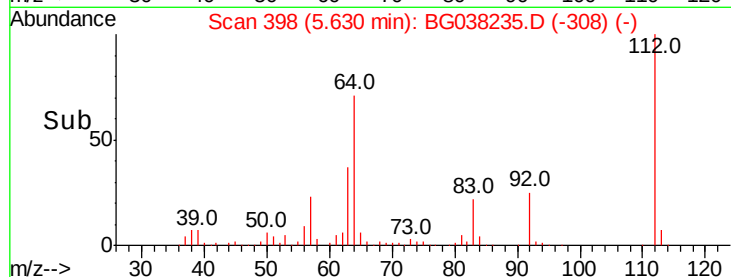
63 37.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.017 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

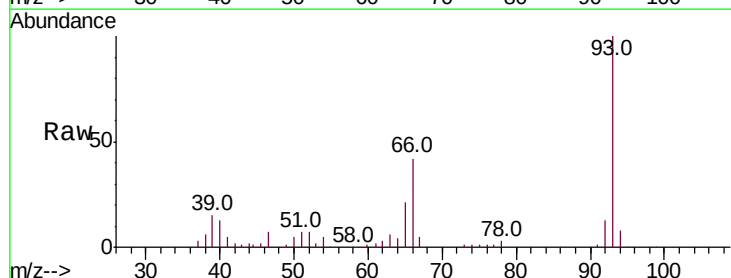
Tgt Ion: 93 Resp: 121808

Ion Ratio Lower Upper

93 100

66 42.0 32.8 49.2

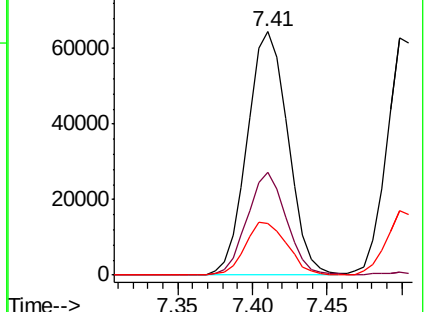
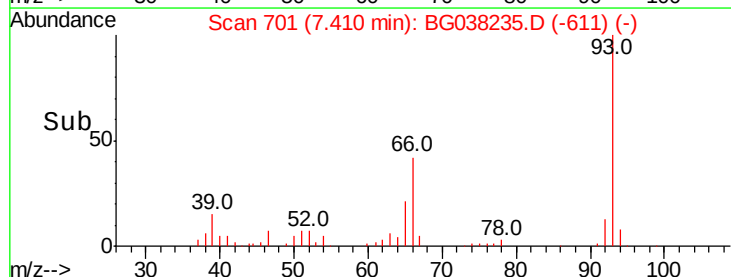
65 21.3 16.4 24.6

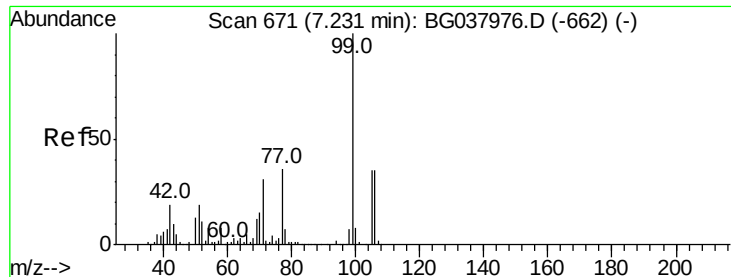


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.174 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

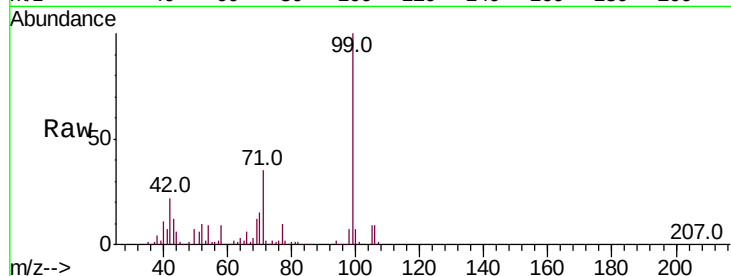
Tot Ion: 99 Resp: 412121

Ion Ratio Lower Upper

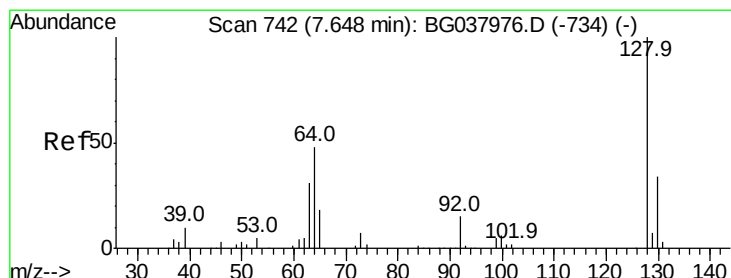
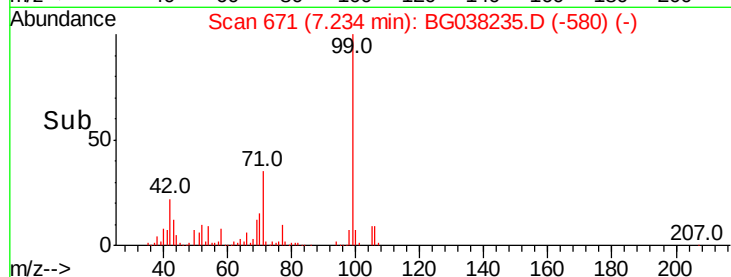
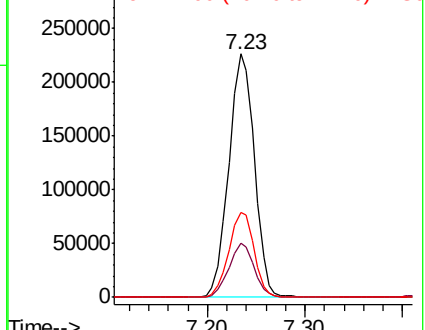
99 100

42 22.0 15.0 22.4

71 34.8 25.5 38.3



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: 48.951 ng

RT: 7.65 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

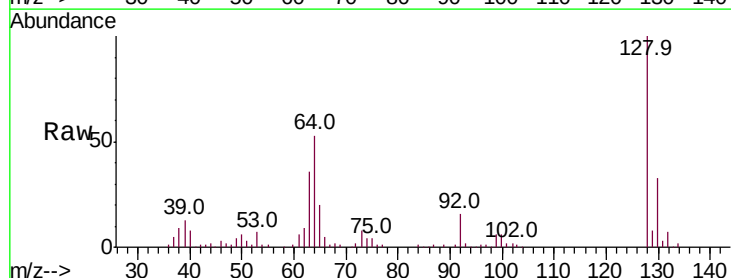
Tgt Ion: 128 Resp: 113744

Ion Ratio Lower Upper

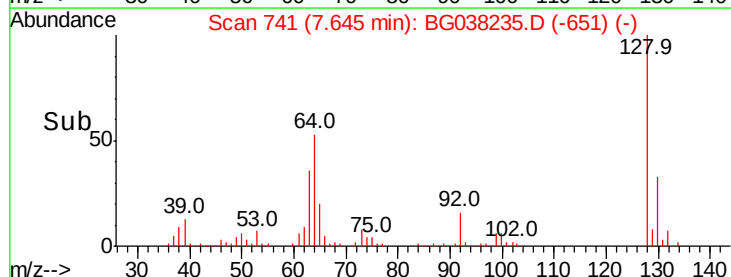
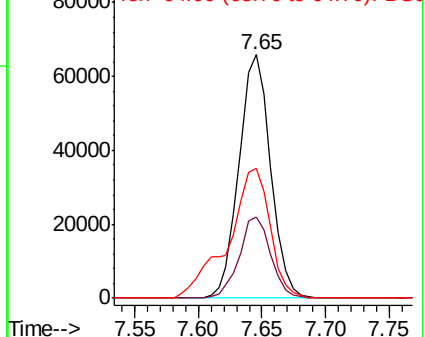
128 100

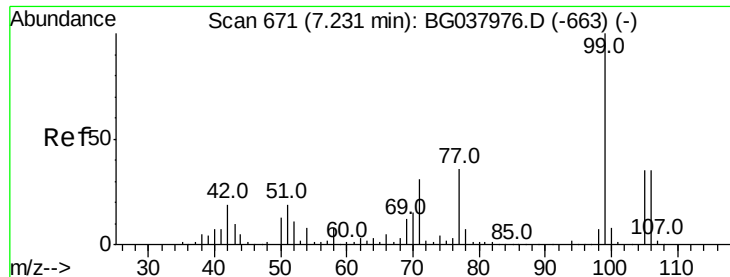
130 33.1 12.0 52.0

64 53.3 32.9 72.9



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: 28.055 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

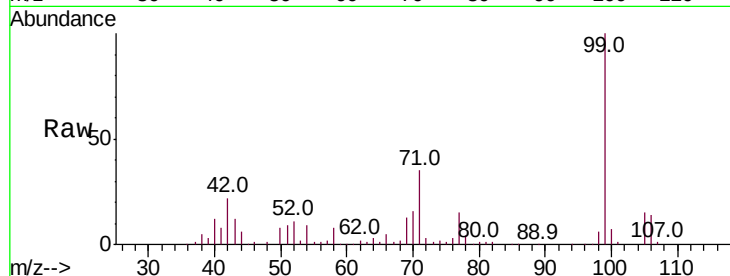
Tot Ion: 77 Resp: 57996

Ion Ratio Lower Upper

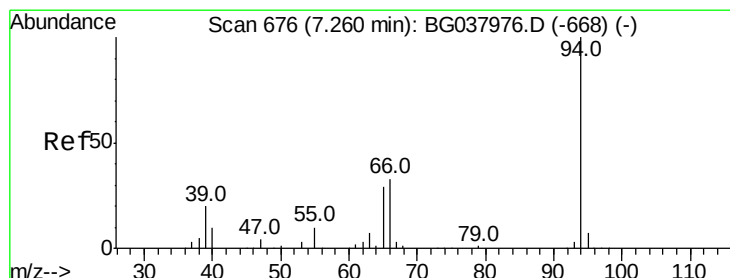
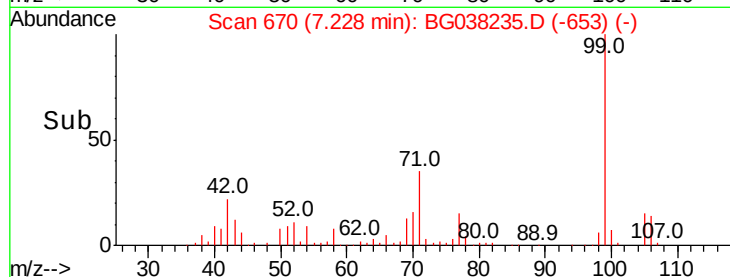
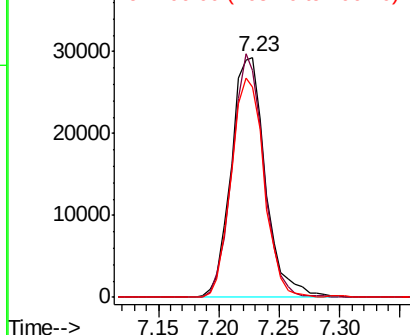
77 100

105 94.5 72.6 112.6

106 88.0 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.278 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

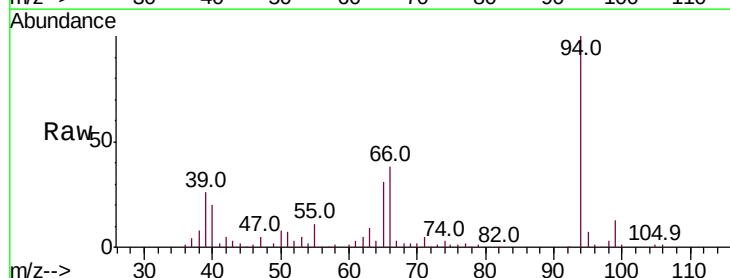
Tgt Ion: 94 Resp: 146176

Ion Ratio Lower Upper

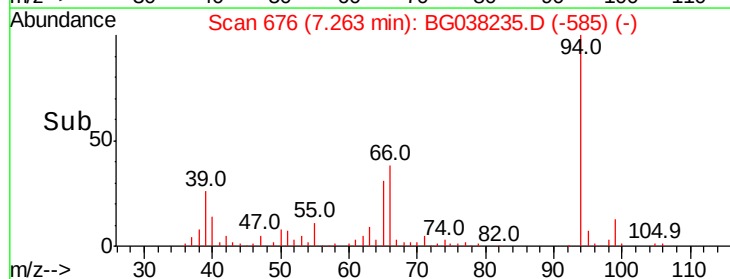
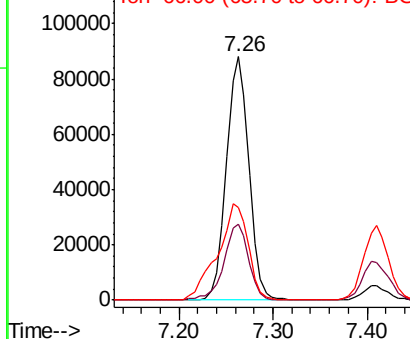
94 100

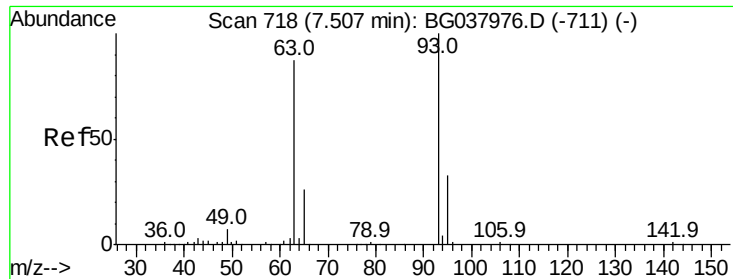
65 30.9 9.7 49.7

66 37.9 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 43.773 ng

RT: 7.50 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

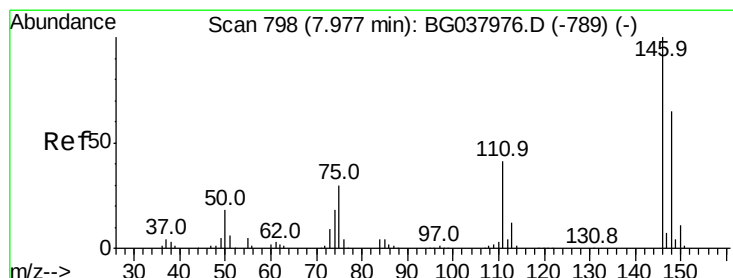
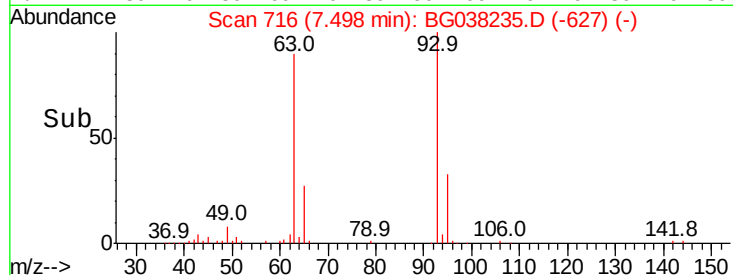
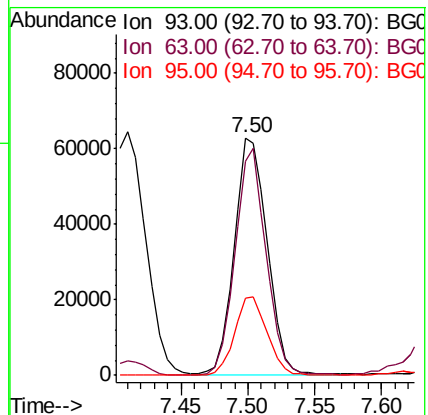
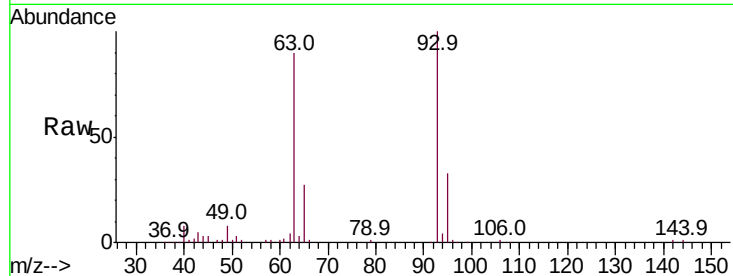
Tot Ion: 93 Resp: 108200

Ion Ratio Lower Upper

93 100

63 89.8 69.5 109.5

95 32.5 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 41.281 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

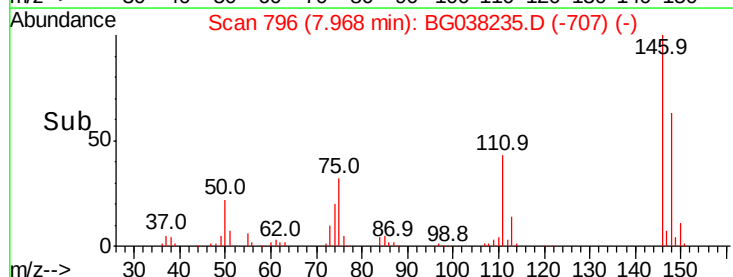
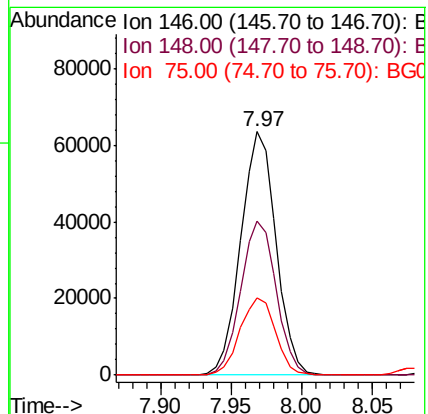
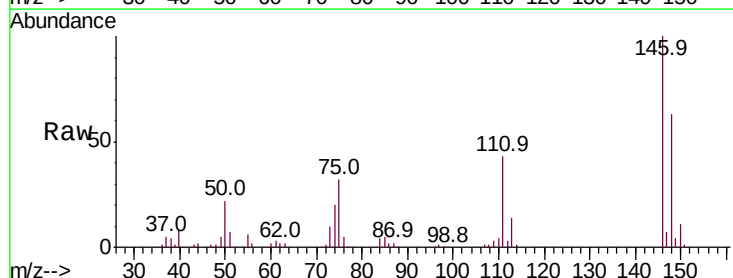
Tgt Ion: 146 Resp: 110502

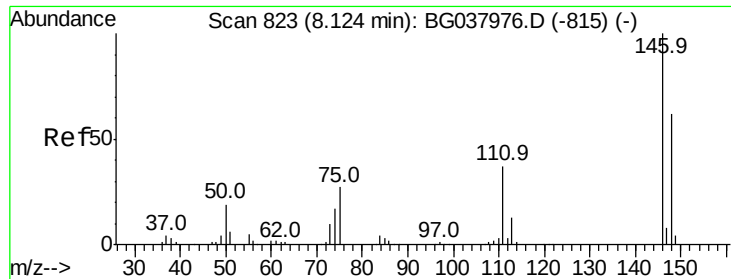
Ion Ratio Lower Upper

146 100

148 63.1 49.8 74.8

75 31.6 23.2 34.8

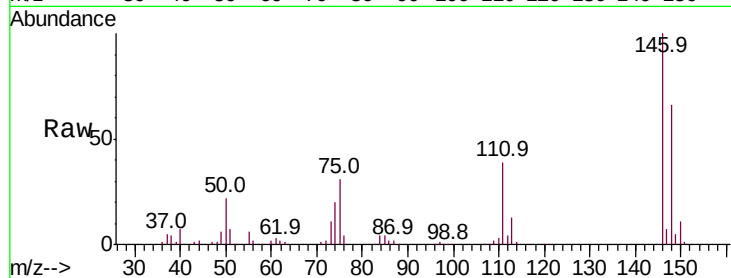




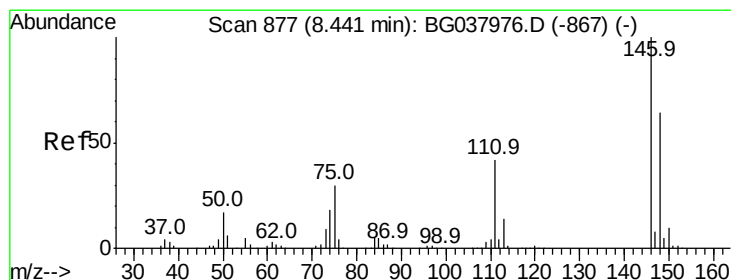
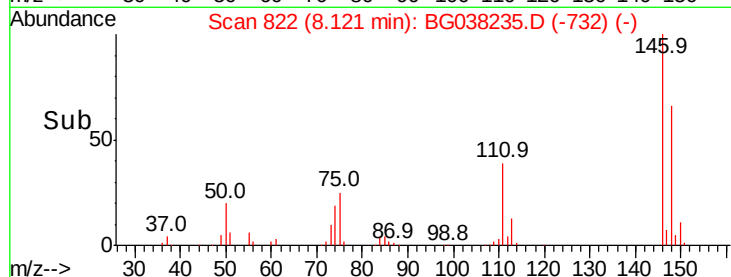
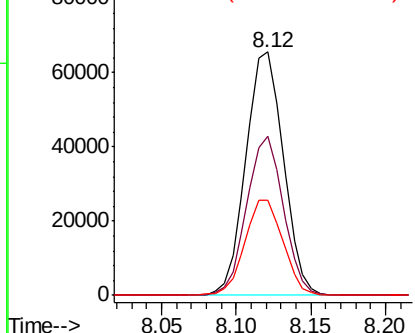
#13
 1,4-Dichlorobenzene
 Concen: 42.237 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BS

Tot Ion:146 Resp: 114211
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.0 76.6
 111 39.0 32.4 48.6

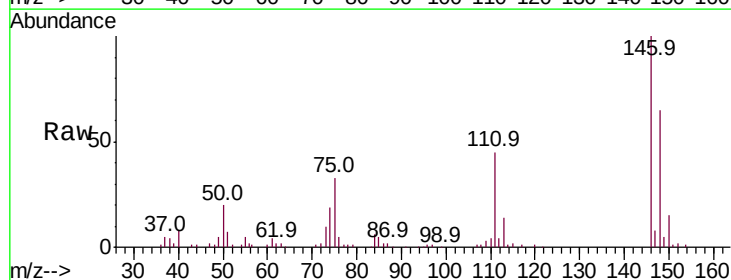


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

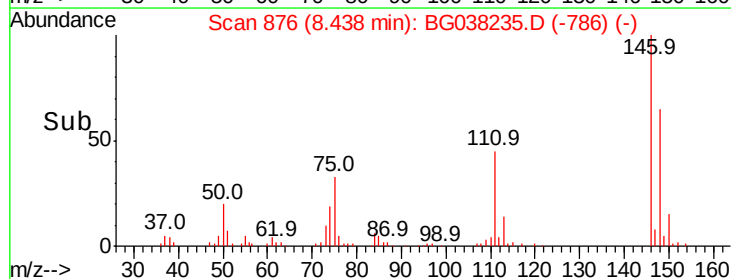
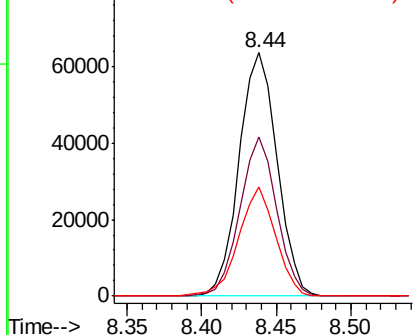


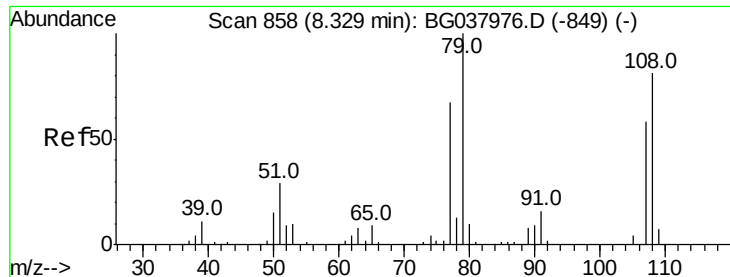
#14
 1,2-Dichlorobenzene
 Concen: 43.479 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

Tgt Ion:146 Resp: 112246
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.4 75.6
 111 44.6 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 49.874 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

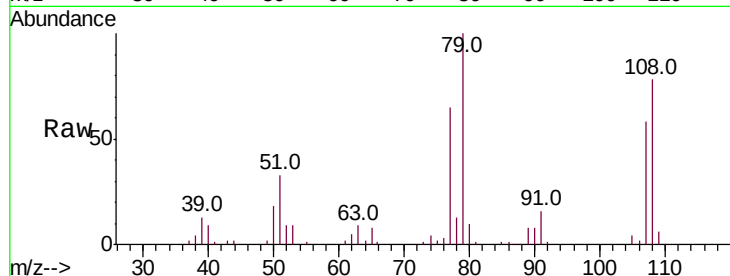
Tot Ion: 79 Resp: 103158

Ion Ratio Lower Upper

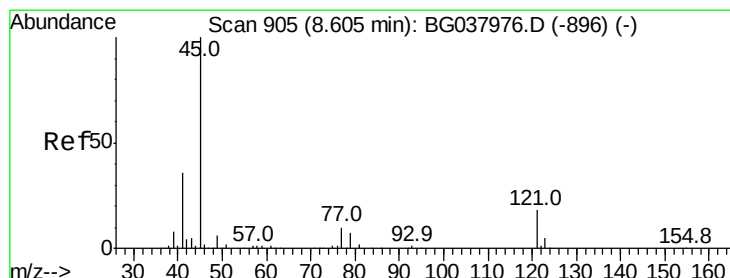
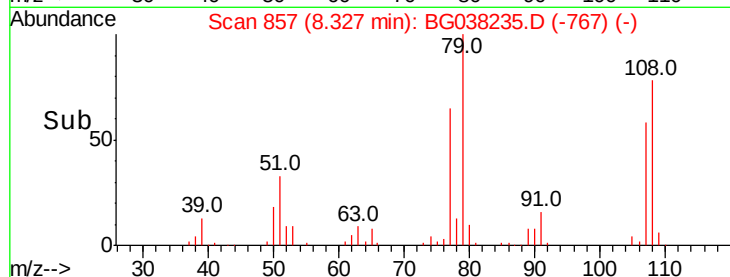
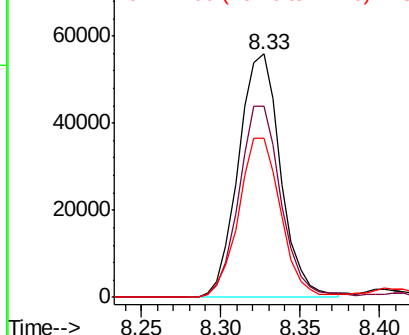
79 100

108 78.3 65.8 98.8

77 65.4 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.240 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

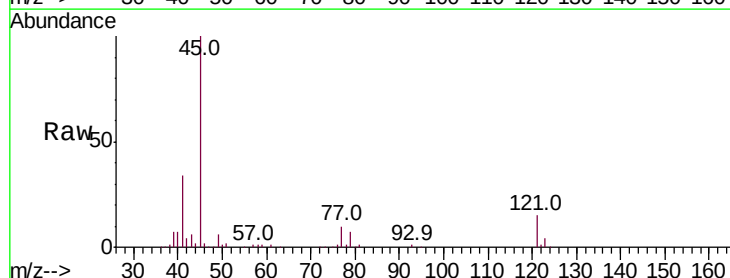
Tgt Ion: 45 Resp: 230597

Ion Ratio Lower Upper

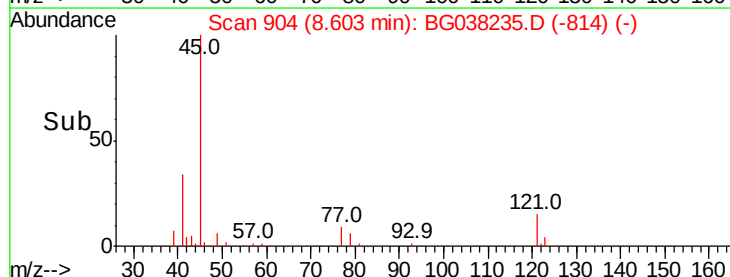
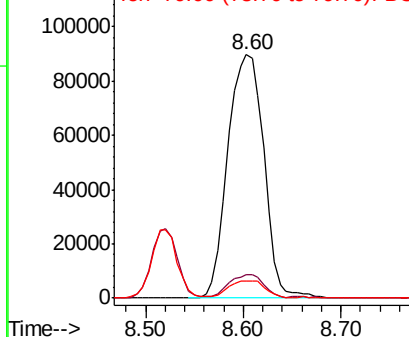
45 100

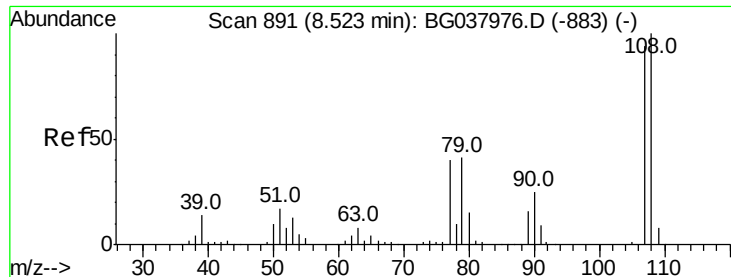
77 9.8 0.0 30.0

79 6.9 0.0 29.0



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





#17

2-Methylphenol

Concen: 49.129 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

Tot Ion:107 Resp: 100569

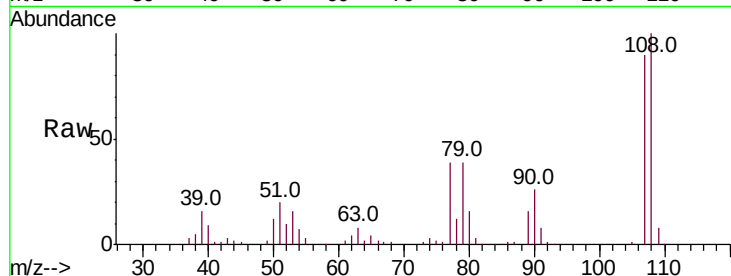
Ion Ratio Lower Upper

107 100

108 110.9 87.9 131.9

77 43.5 35.1 52.7

79 42.9 34.5 51.7

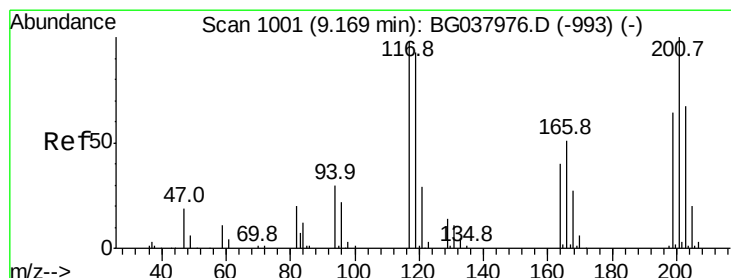
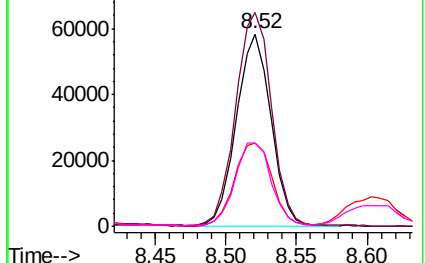
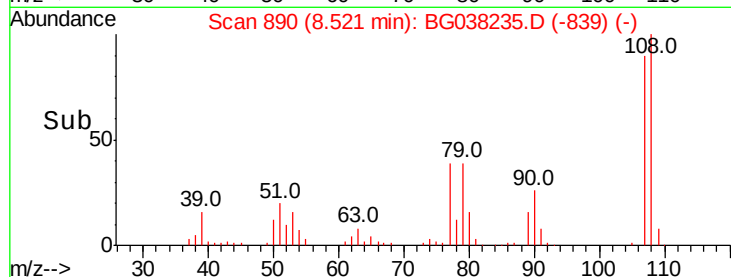


Abundance Ion 107.00 (106.70 to 107.70): E

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: 42.894 ng

RT: 9.17 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

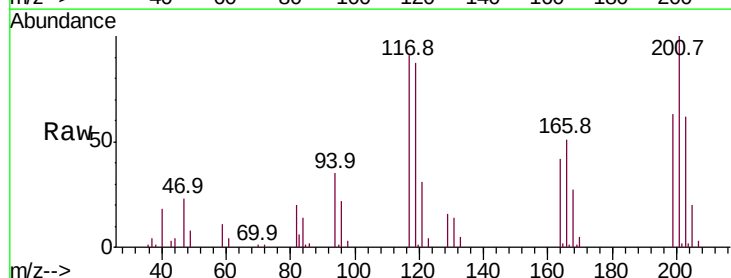
Tgt Ion:117 Resp: 42212

Ion Ratio Lower Upper

117 100

119 98.2 74.6 111.8

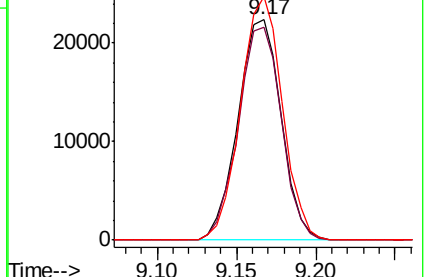
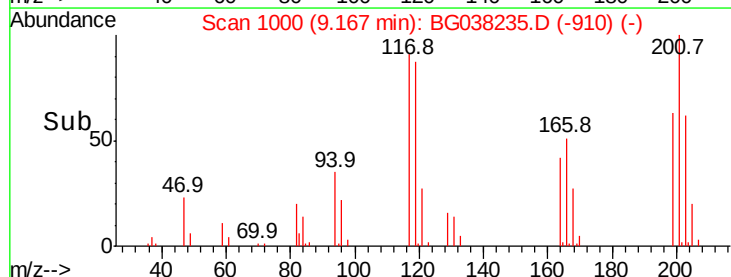
201 112.7 80.8 121.2

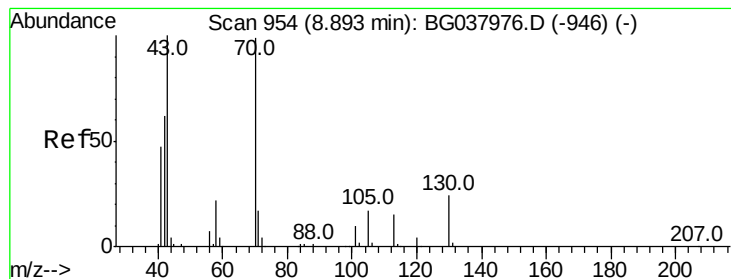


Abundance Ion 117.00 (116.70 to 117.70): E

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: 42.828 ng

RT: 8.89 min Scan# 953

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

Tot Ion: 70 Resp: 88584

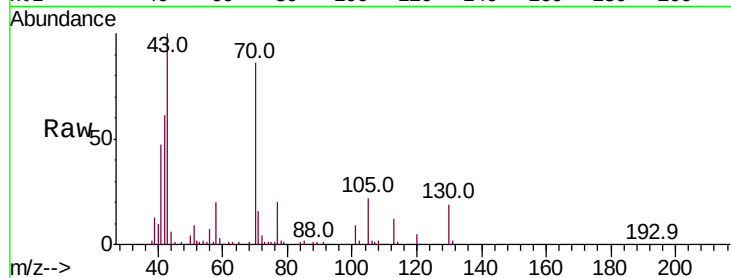
Ion Ratio Lower Upper

70 100

42 70.9 53.9 80.9

101 10.7 8.2 12.2

130 22.5 18.2 27.4

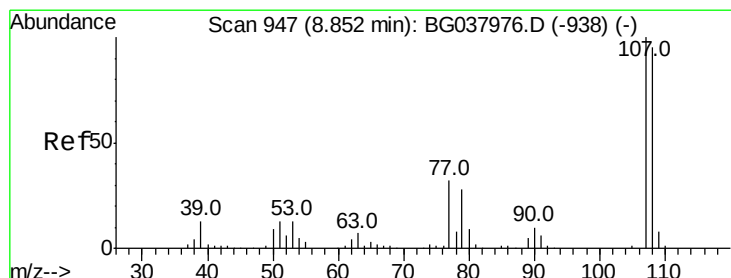
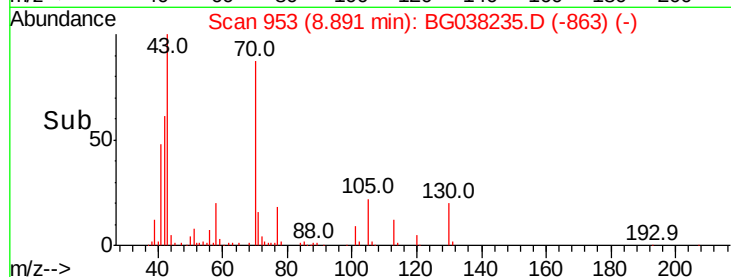
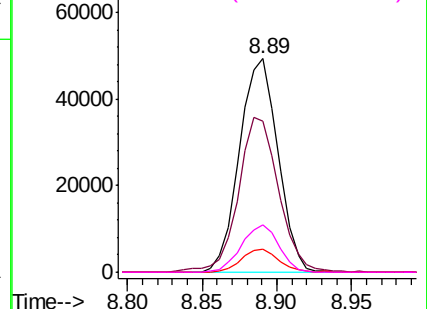


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 48.209 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Tgt Ion:107 Resp: 139897

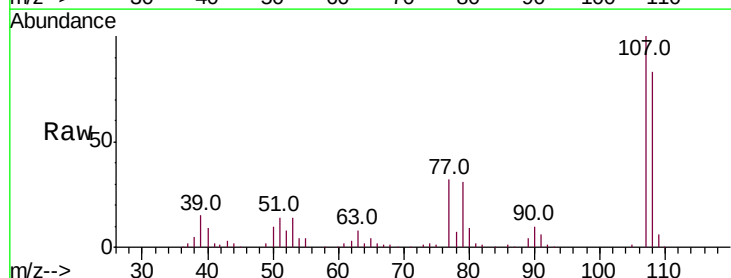
Ion Ratio Lower Upper

107 100

108 83.4 69.9 109.9

77 32.1 11.2 51.2

79 30.5 6.6 46.6

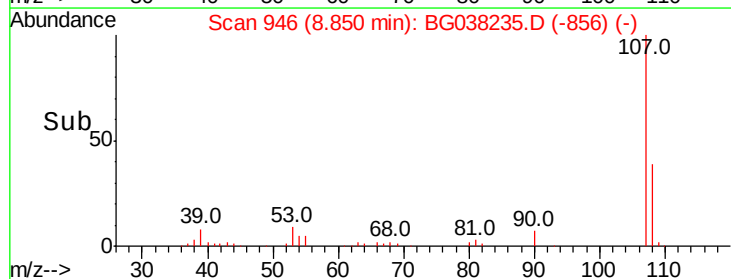
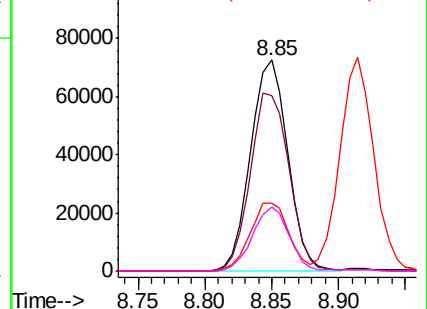


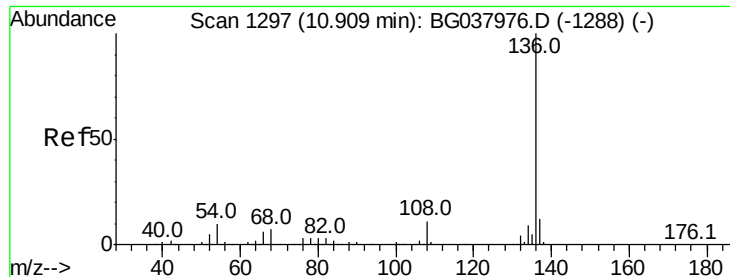
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

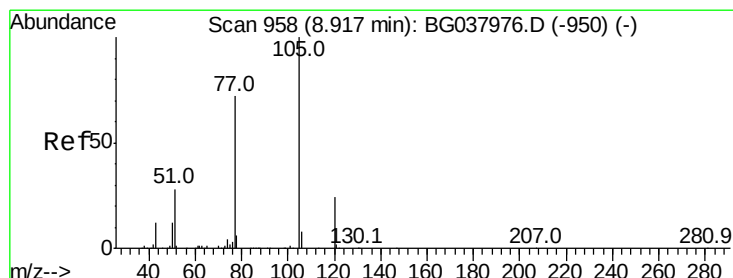
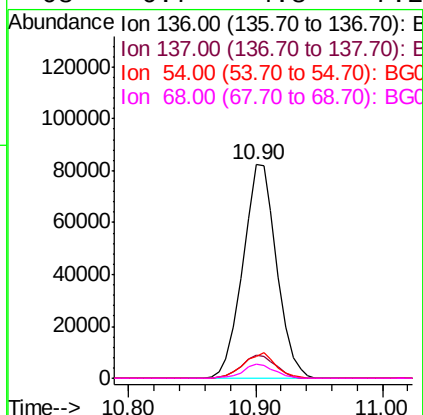
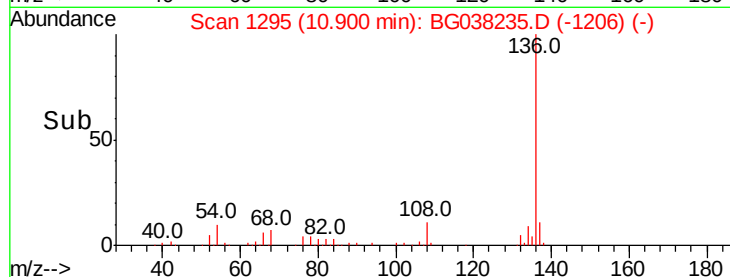
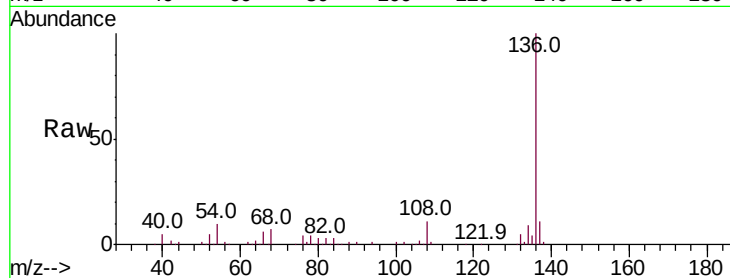




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

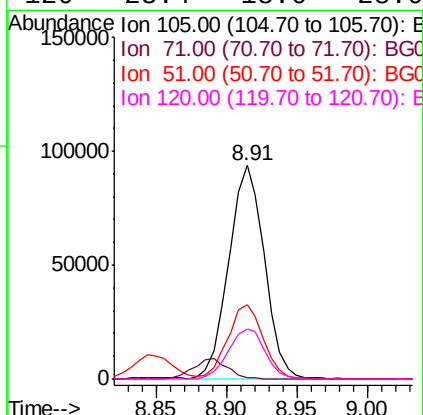
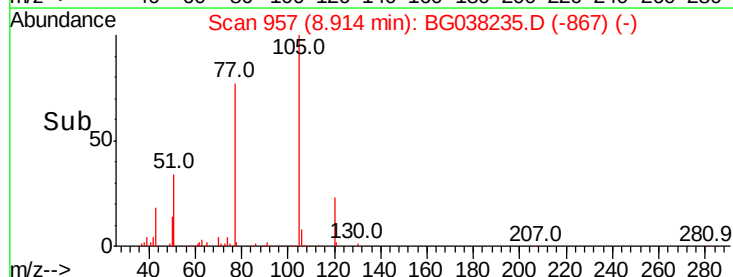
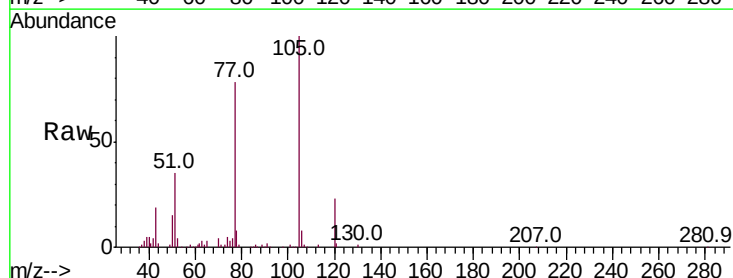
Instrument :
BNA_G
ClientSampleId :
PB115157BS

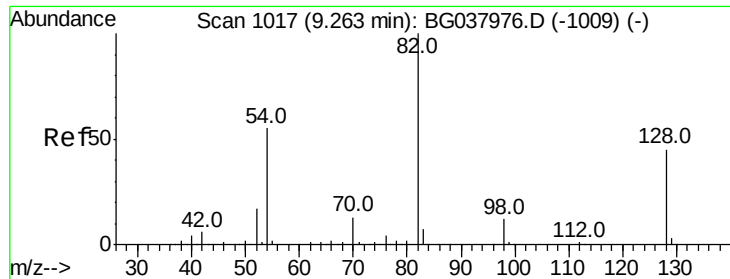
Tot Ion:136	Resp:	151686
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.6 14.4
54	10.3	7.9 11.9
68	6.7	4.8 7.2



#22
Acetophenone
Concen: 43.655 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion:105	Resp:	164757
Ion	Ratio	Lower Upper
105	100	
71	0.7	1.2 1.8#
51	34.6	25.0 37.6
120	23.4	18.6 28.0

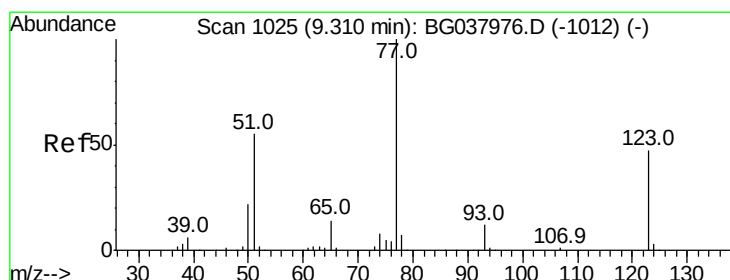
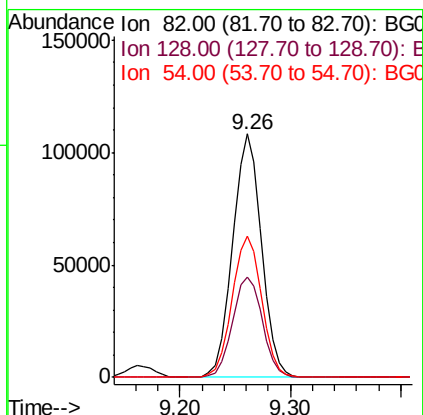
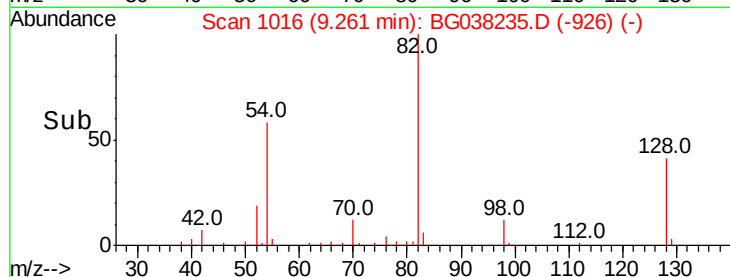
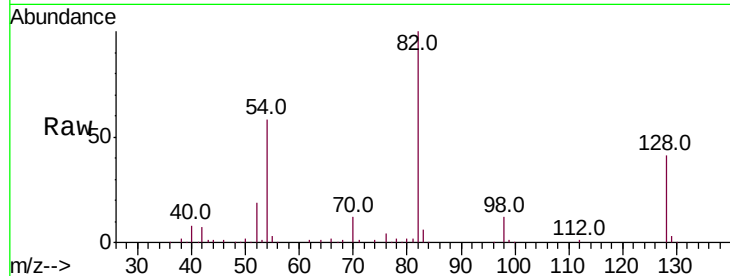




#23
Nitrobenzene-d5
Concen: 70.092 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

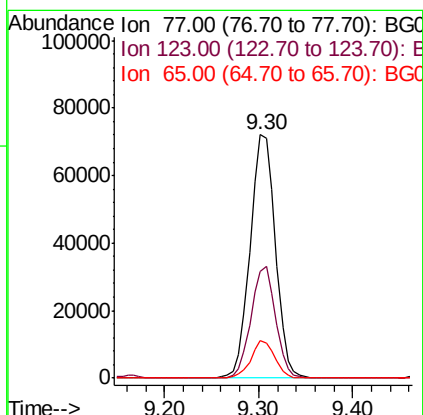
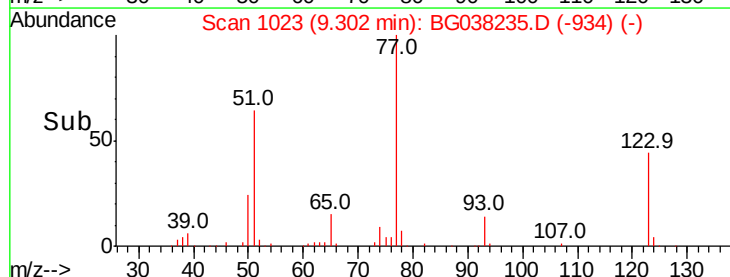
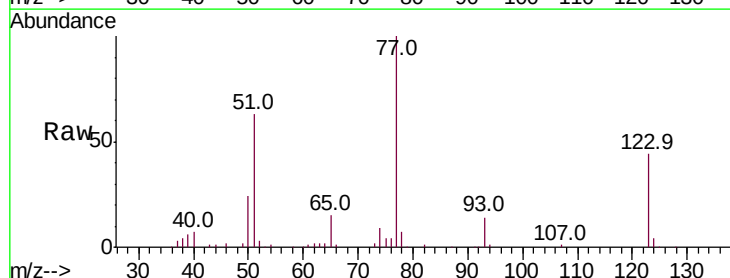
Instrument :
BNA_G
ClientSampleId :
PB115157BS

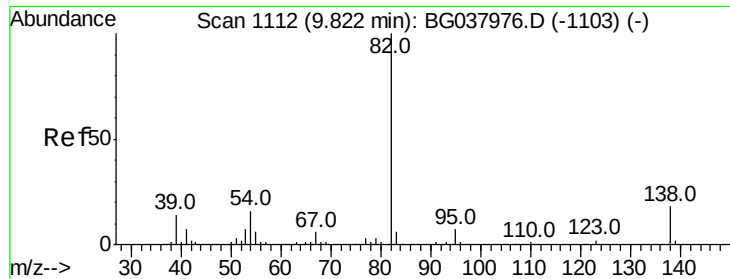
Tot Ion: 82 Resp: 198615
Ion Ratio Lower Upper
82 100
128 41.3 34.6 51.8
54 58.0 45.3 67.9



#24
Nitrobenzene
Concen: 46.436 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion: 77 Resp: 134605
Ion Ratio Lower Upper
77 100
123 43.6 33.6 50.4
65 15.3 11.3 16.9





#25

Isophorone

Concen: 47.959 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

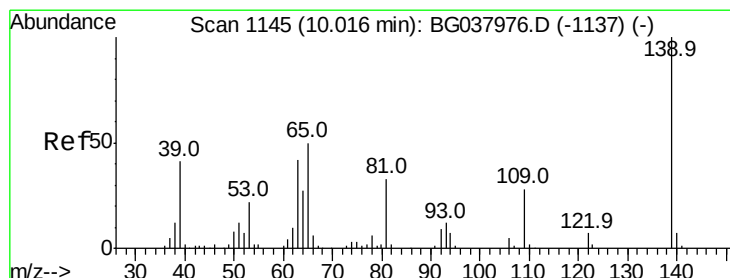
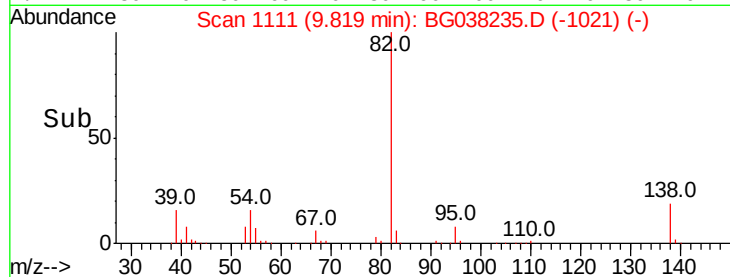
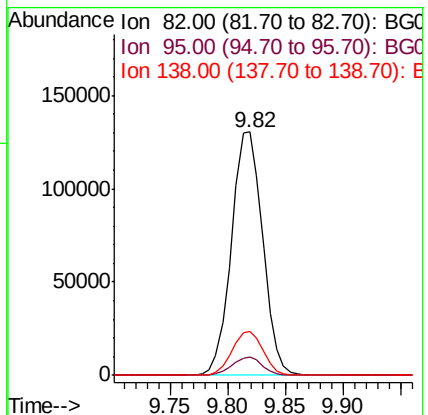
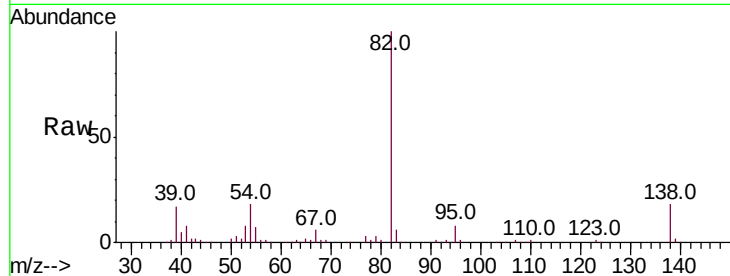
Tot Ion: 82 Resp: 244606

Ion Ratio Lower Upper

82 100

95 7.7 5.3 7.9

138 18.0 13.3 19.9



#26

2-Nitrophenol

Concen: 45.157 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

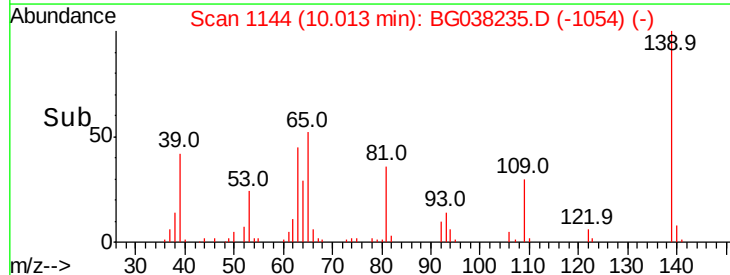
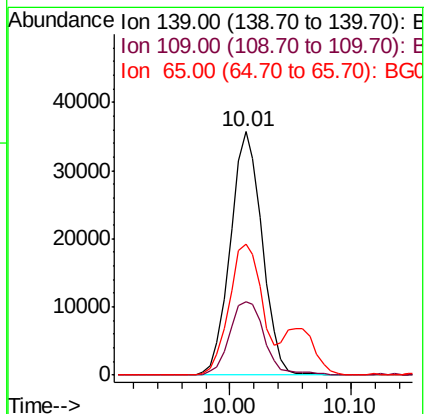
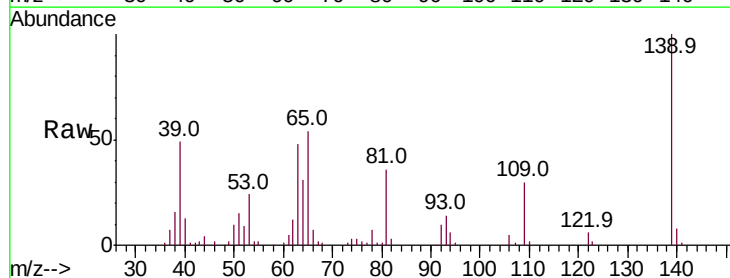
Tgt Ion:139 Resp: 65347

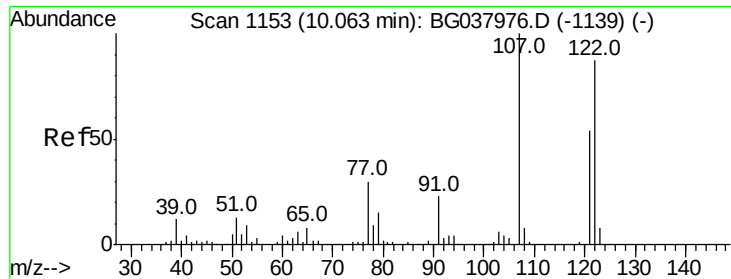
Ion Ratio Lower Upper

139 100

109 29.9 23.3 34.9

65 53.5 39.8 59.8

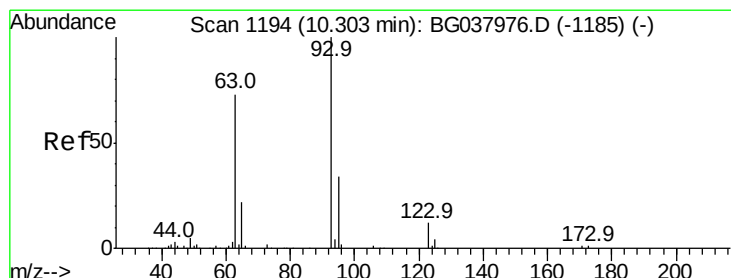
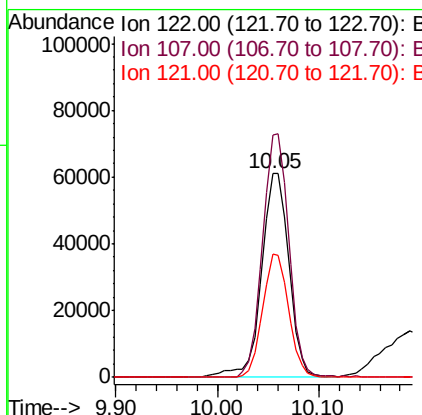
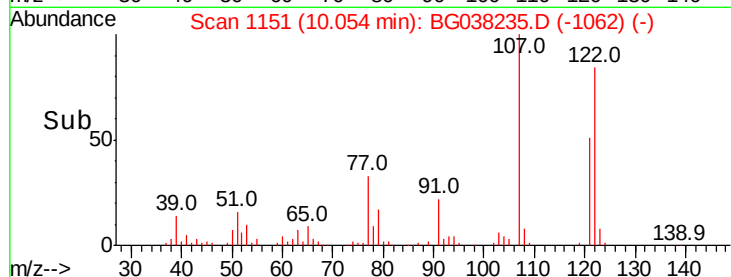
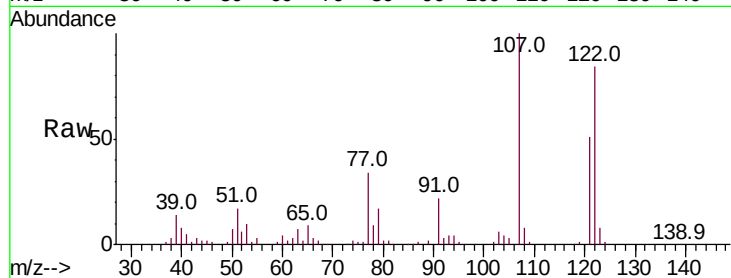




#27
2,4-Dimethylphenol
Concen: 52.738 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

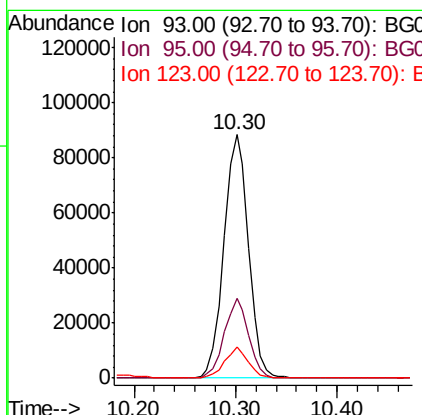
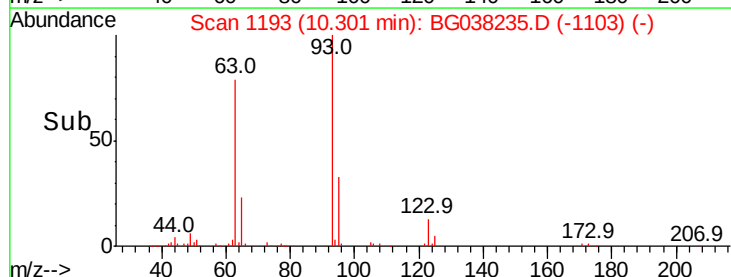
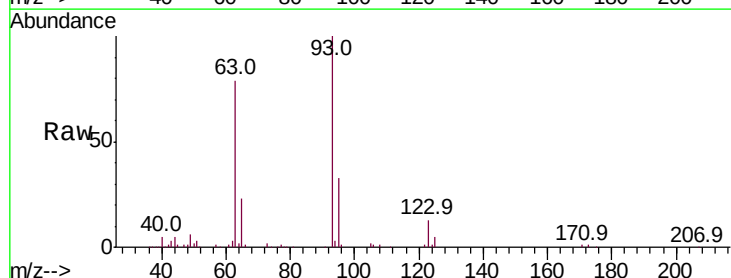
Instrument :
BNA_G
ClientSampleId :
PB115157BS

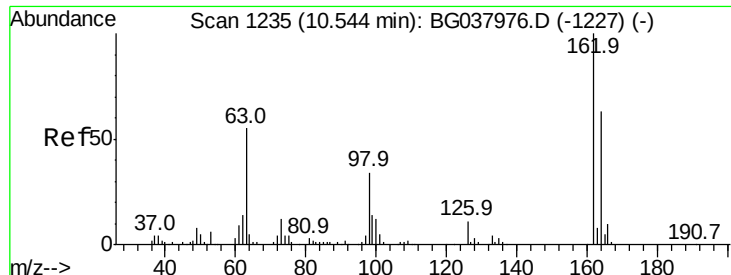
Tot Ion:122 Resp: 114986
Ion Ratio Lower Upper
122 100
107 119.2 94.2 141.2
121 60.7 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 45.475 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion: 93 Resp: 148310
Ion Ratio Lower Upper
93 100
95 32.7 24.6 37.0
123 12.9 9.1 13.7

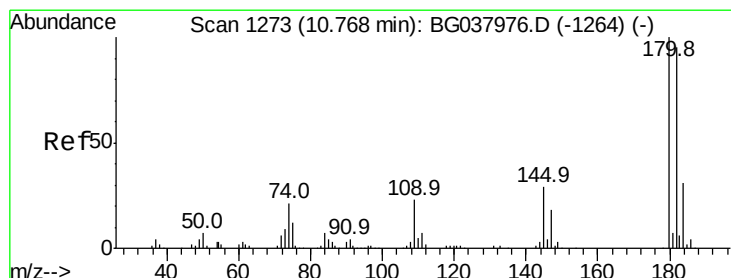
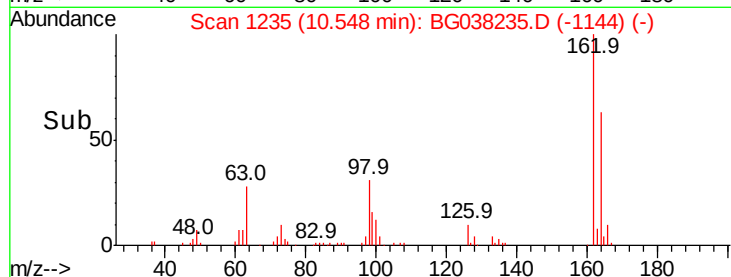
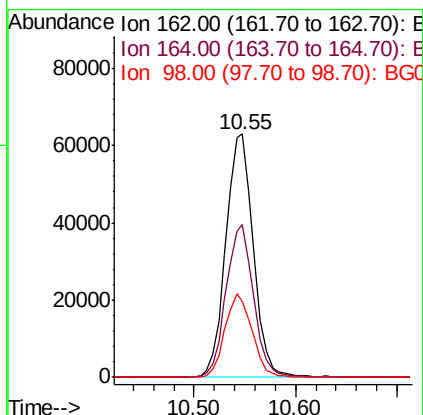
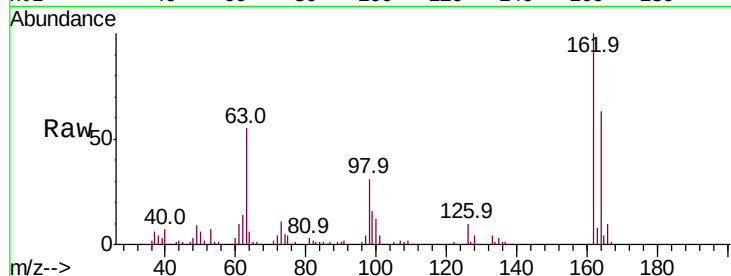




#29
 2,4-Dichlorophenol
 Concen: 48.335 ng
 RT: 10.55 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

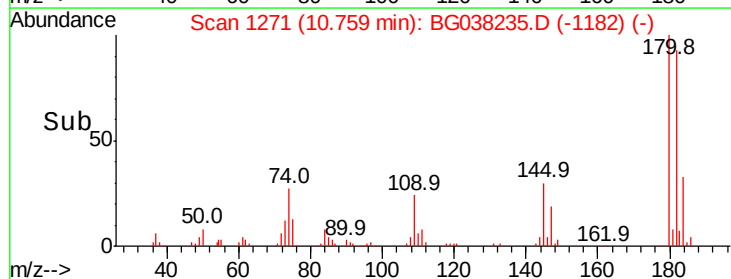
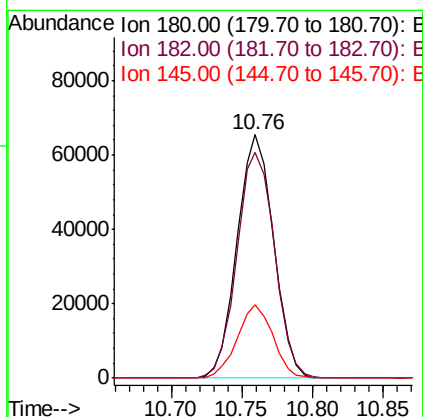
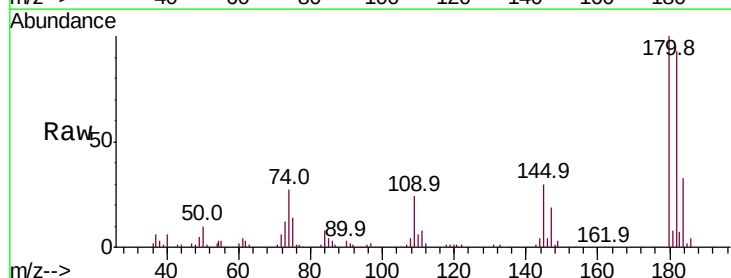
Instrument :
 BNA_G
 ClientSampleId :
 PB115157BS

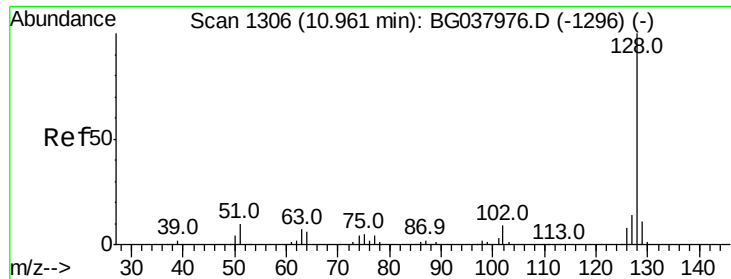
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	43.2	83.2
98	31.2	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.097 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.6	77.7	116.5
145	29.9	23.3	34.9

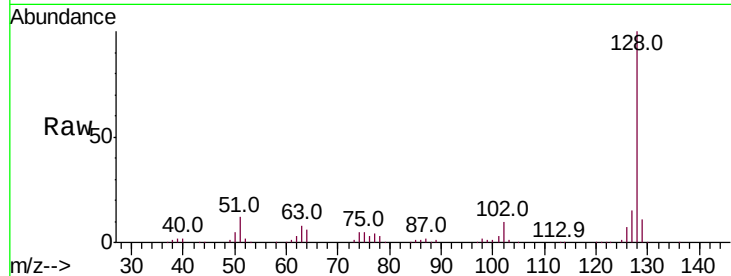




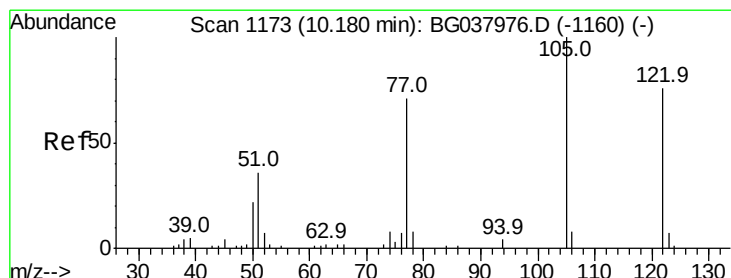
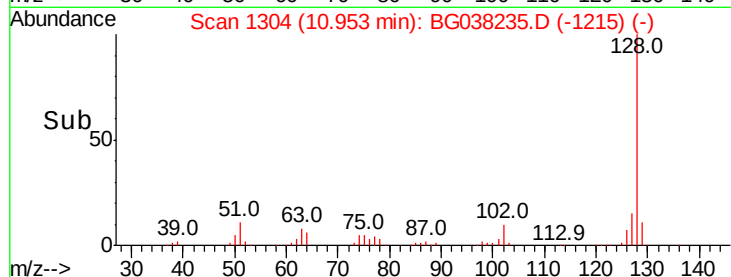
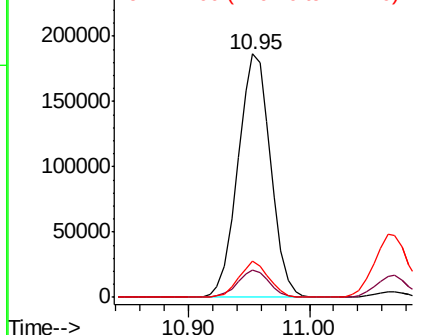
#31
Naphthalene
Concen: 46.955 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Instrument :
BNA_G
ClientSampleId :
PB115157BS

Tot Ion:128 Resp: 350316
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.7 11.1 16.7

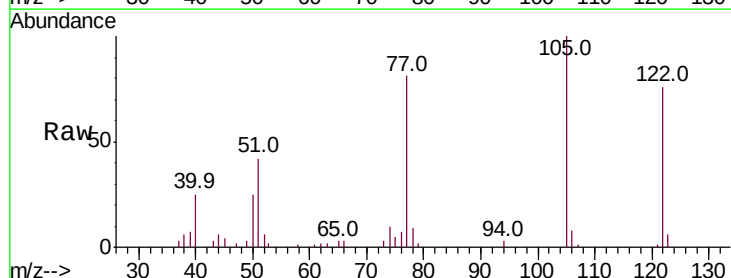


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

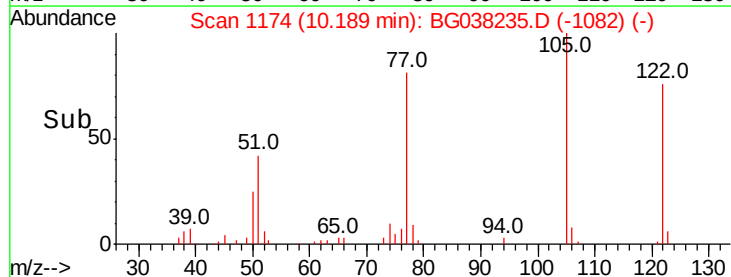
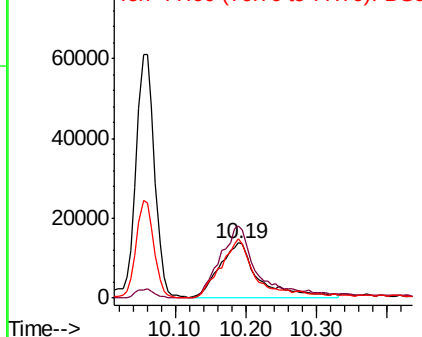


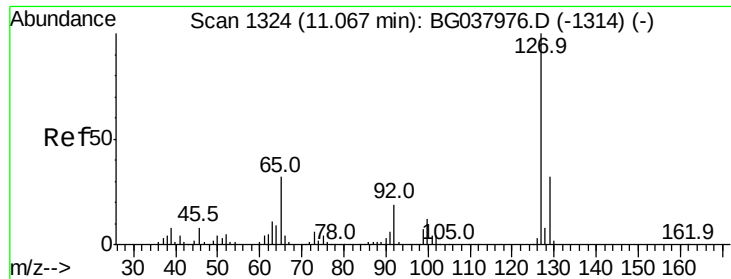
#32
Benzoic acid
Concen: 39.352 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion:122 Resp: 51048
Ion Ratio Lower Upper
122 100
105 132.3 106.7 146.7
77 107.7 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

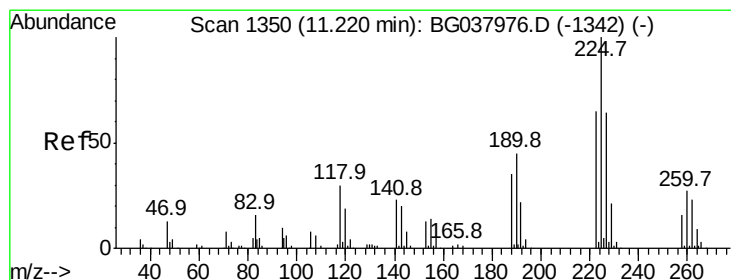
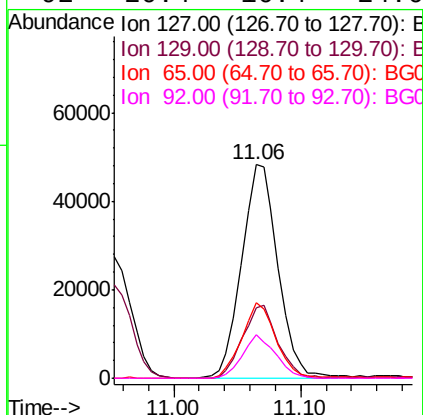
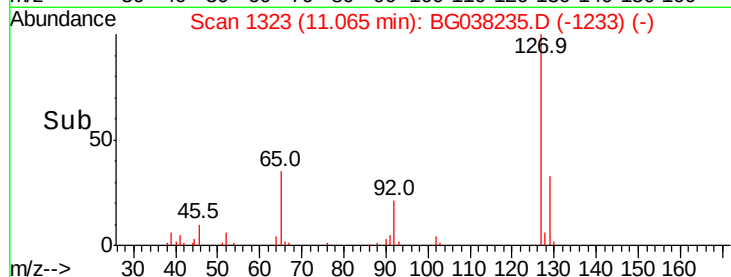
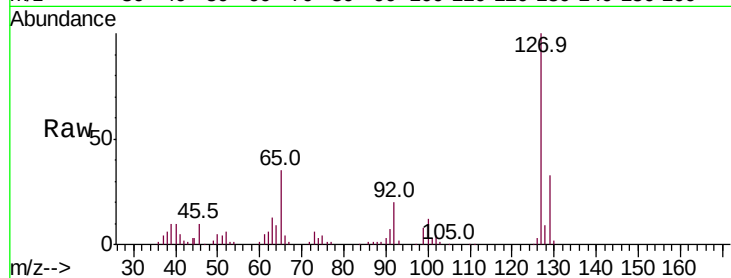




#33
4-Chloroaniline
Concen: 27.642 ng
RT: 11.06 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

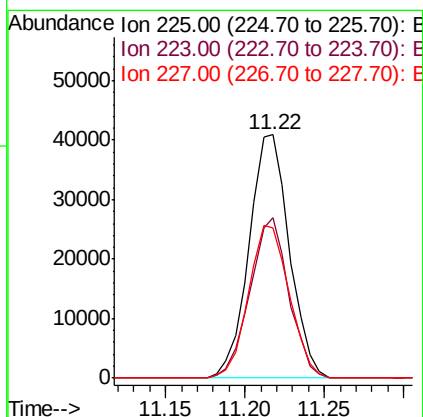
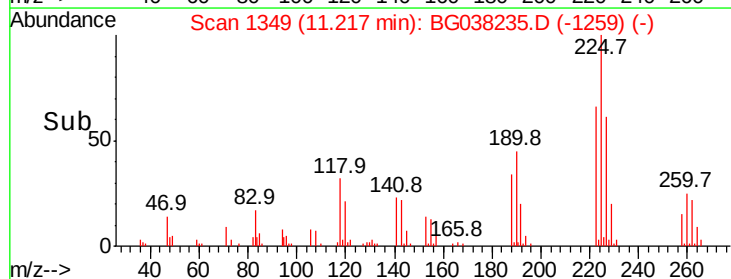
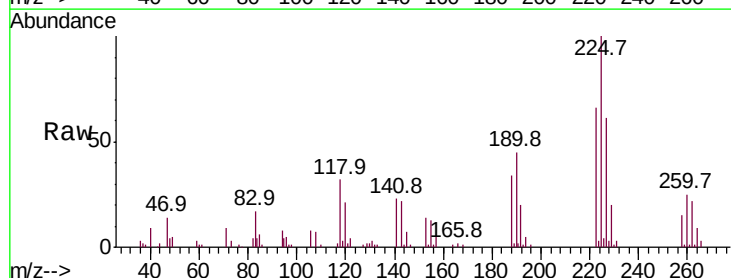
Instrument :
BNA_G
ClientSampleId :
PB115157BS

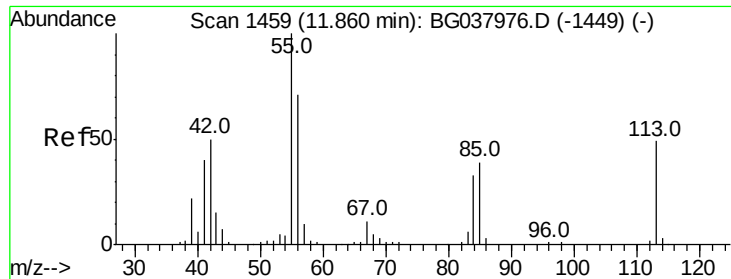
Tot Ion:	127	Resp:	95929
Ion	Ratio	Lower	Upper
127	100		
129	32.9	27.1	40.7
65	35.1	26.6	39.8
92	20.4	16.4	24.6



#34
Hexachlorobutadiene
Concen: 42.725 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion:	225	Resp:	72265
Ion	Ratio	Lower	Upper
225	100		
223	66.0	48.2	72.4
227	62.1	51.6	77.4





#35

Caprolactam

Concen: 42.177 ng

RT: 11.86 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampled :

PB115157BS

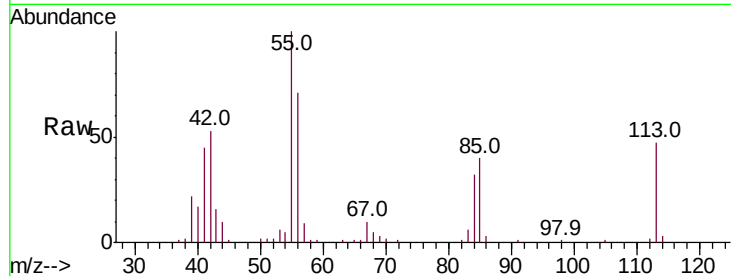
Tot Ion:113 Resp: 41403

Ion Ratio Lower Upper

113 100

55 212.8 176.6 216.6

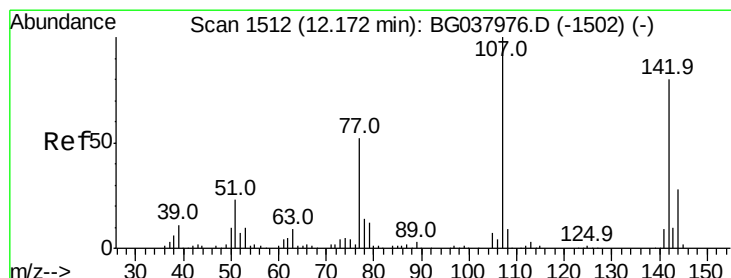
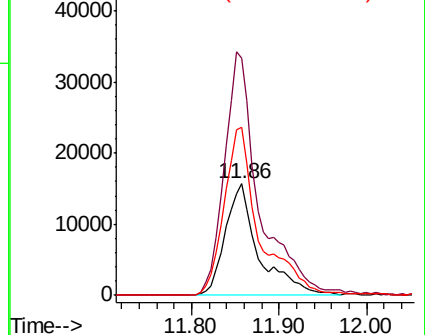
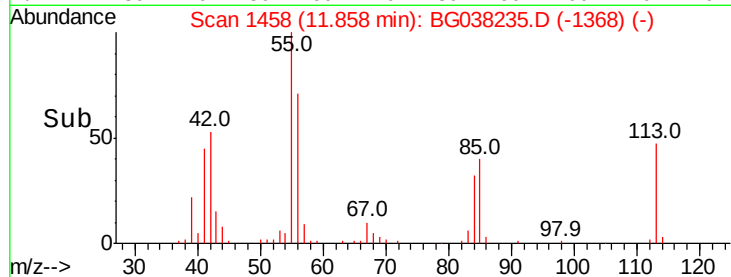
56 151.3 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.389 ng

RT: 12.17 min Scan# 1511

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

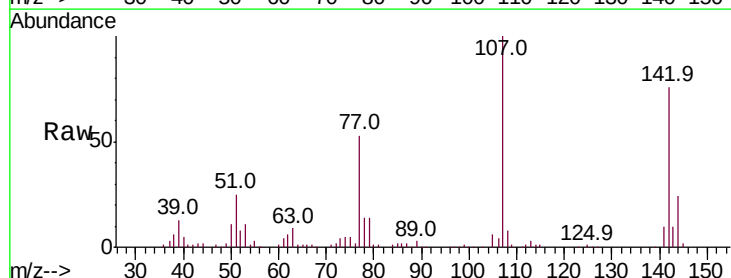
Tgt Ion:107 Resp: 129650

Ion Ratio Lower Upper

107 100

144 23.9 20.7 31.1

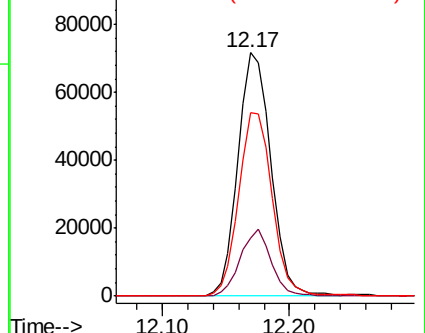
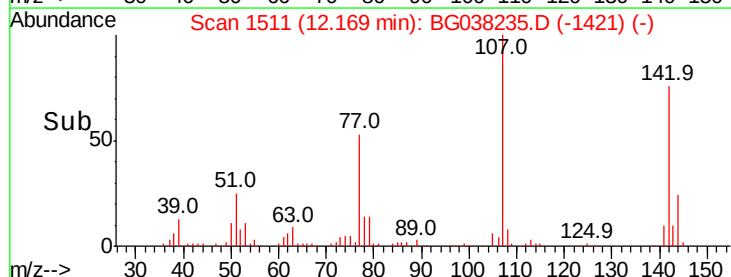
142 75.6 64.4 96.6

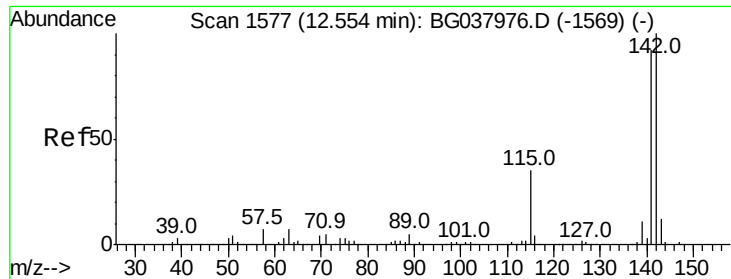


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

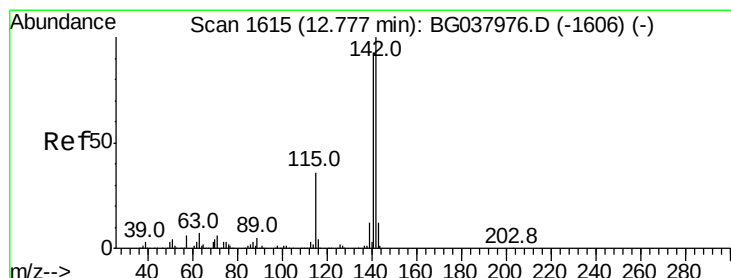
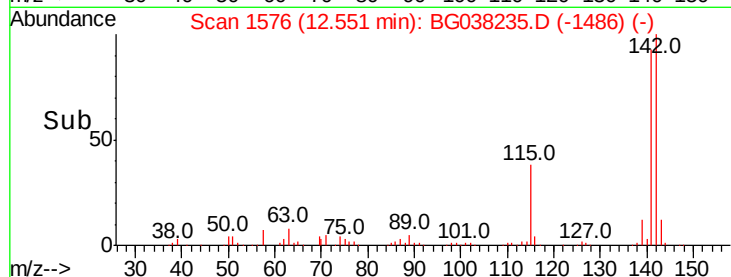
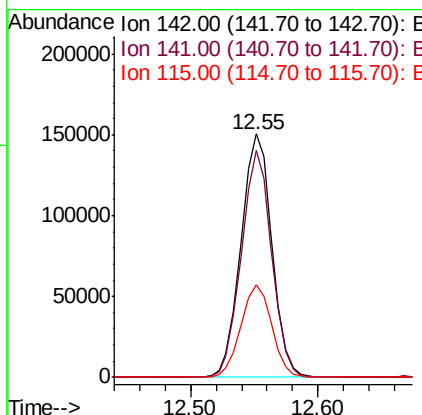
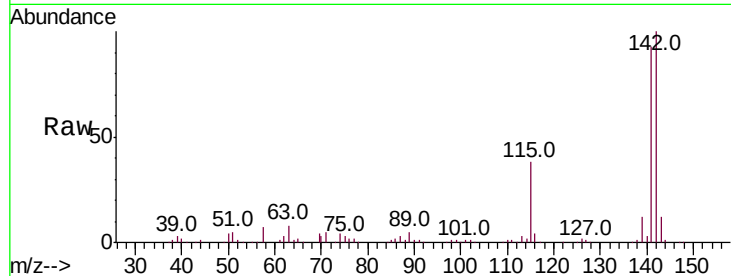




#37
2-Methylnaphthalene
Concen: 47.320 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

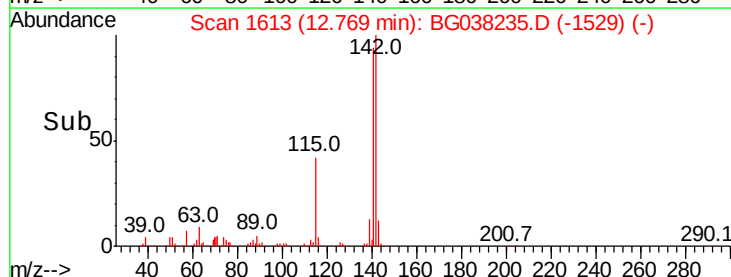
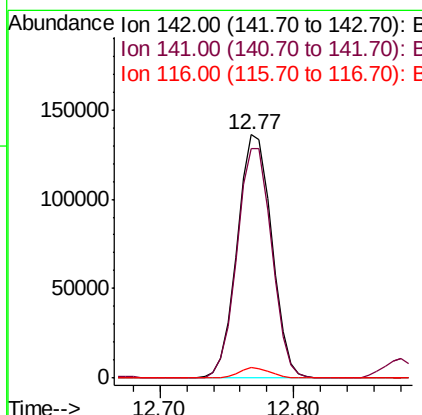
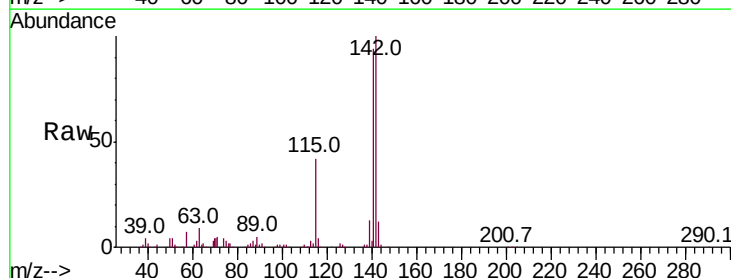
Instrument :
BNA_G
ClientSampleId :
PB115157BS

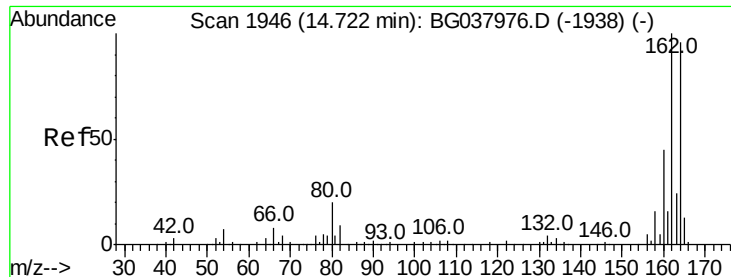
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.2	71.9	107.9
115	37.9	27.8	41.8



#38
1-Methylnaphthalene
Concen: 47.106 ng
RT: 12.77 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.2	112.8
116	4.4	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

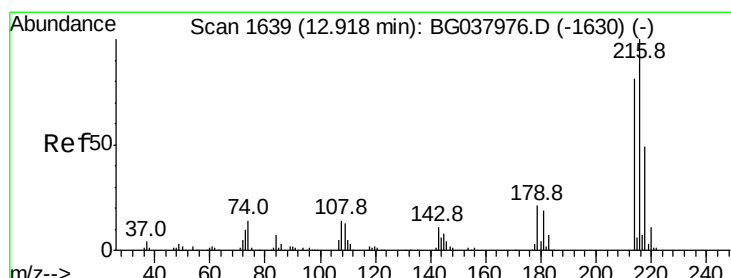
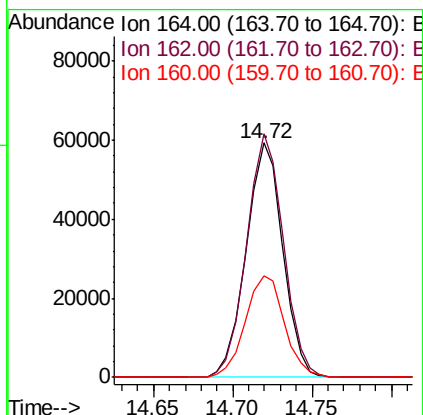
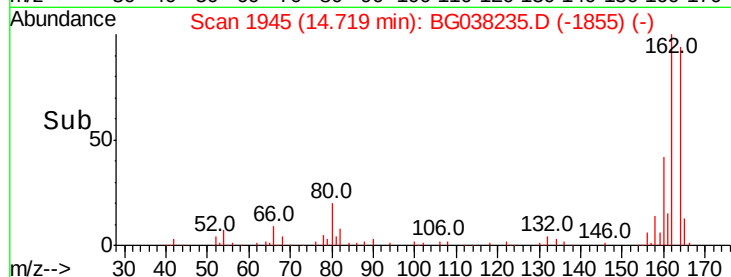
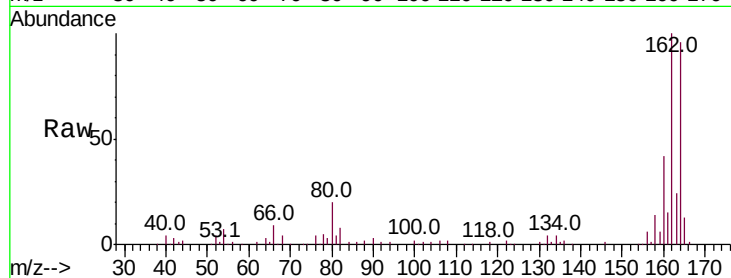
Tot Ion:164 Resp: 95193

Ion Ratio Lower Upper

164 100

162 103.8 81.3 121.9

160 43.2 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.533 ng

RT: 12.92 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Tgt Ion:216 Resp: 135294

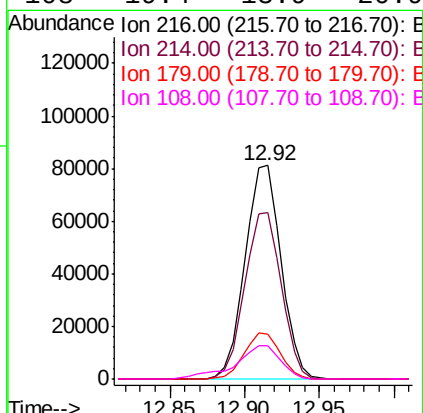
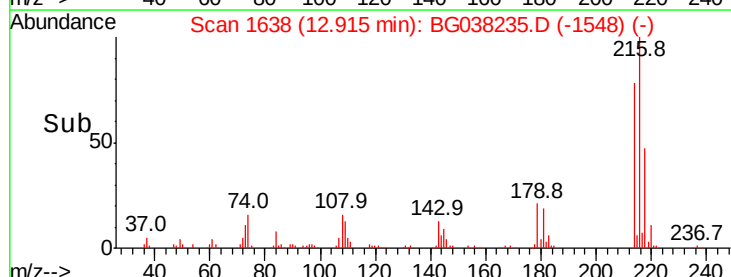
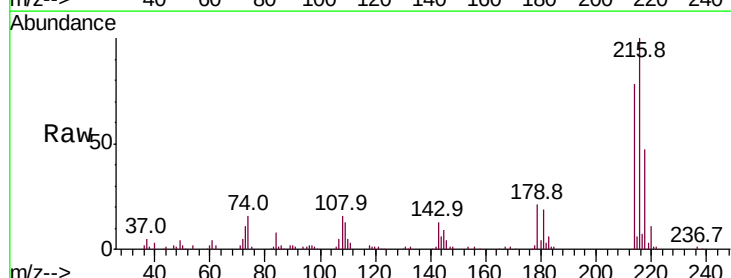
Ion Ratio Lower Upper

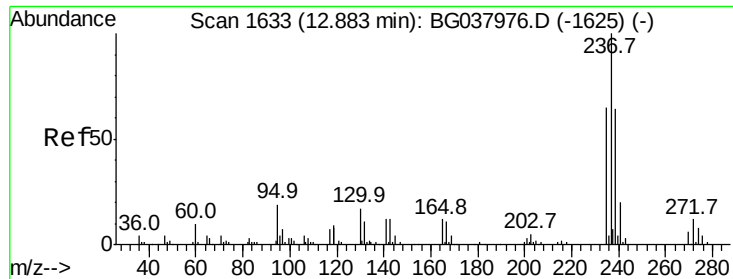
216 100

214 78.9 63.8 95.6

179 21.3 17.4 26.0

108 19.4 13.9 20.9

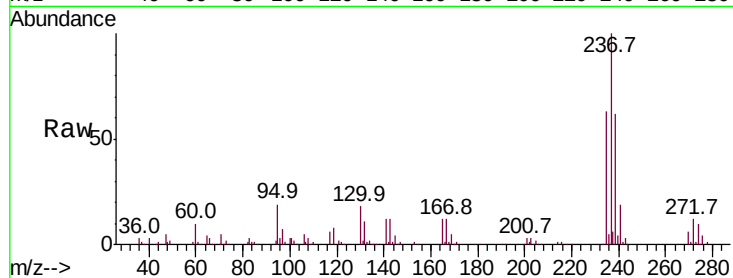




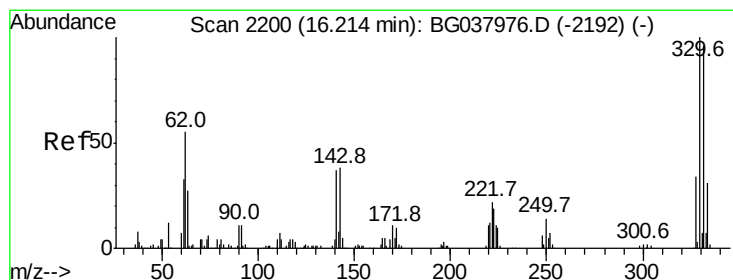
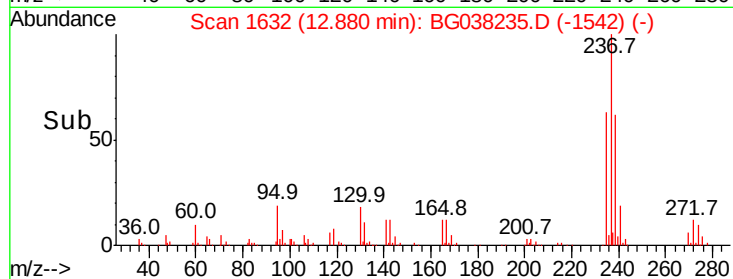
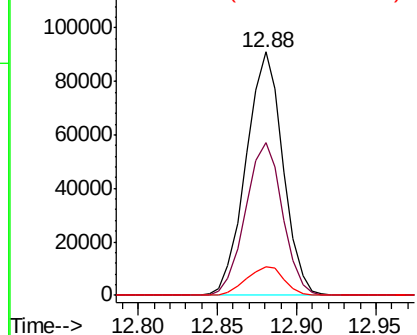
#41
Hexachlorocyclopentadiene
Concen: 86.121 ng
RT: 12.88 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Instrument :
BNA_G
ClientSampleId :
PB115157BS

Tot Ion:237 Resp: 146691
Ion Ratio Lower Upper
237 100
235 62.7 42.5 82.5
272 11.6 0.0 31.6

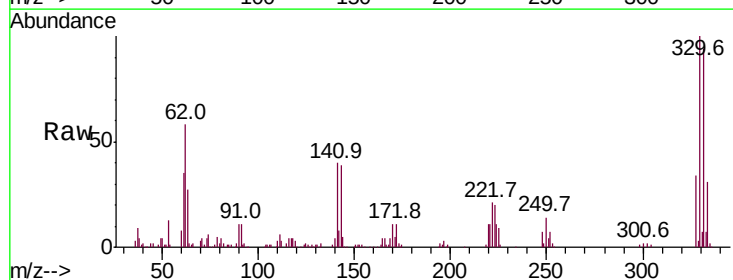


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

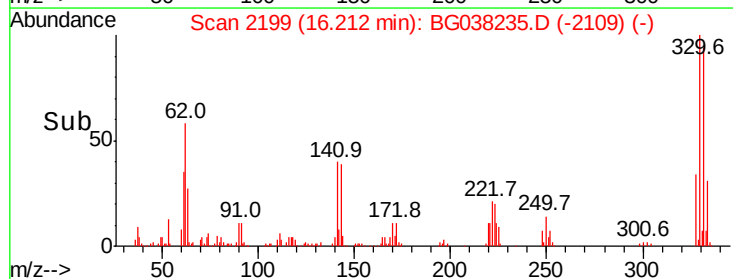
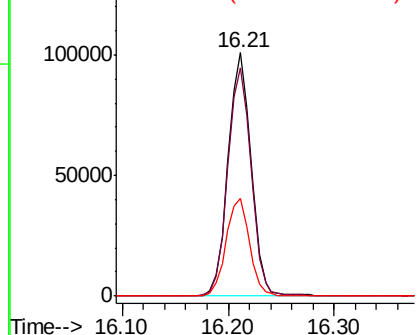


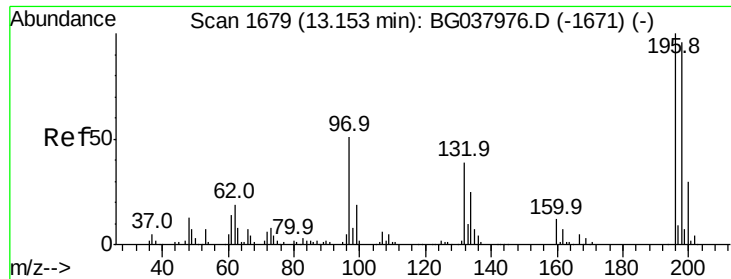
#42
2,4,6-Tribromophenol
Concen: 139.943 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion:330 Resp: 151930
Ion Ratio Lower Upper
330 100
332 95.7 78.4 117.6
141 41.0 32.2 48.2



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

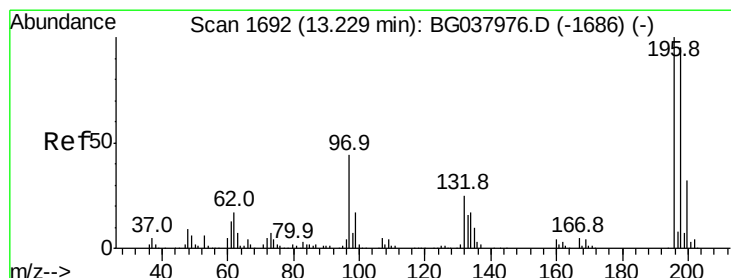
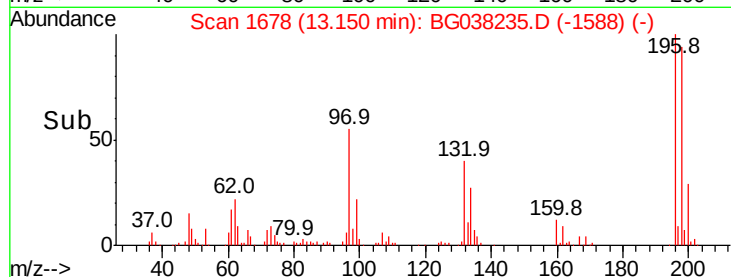
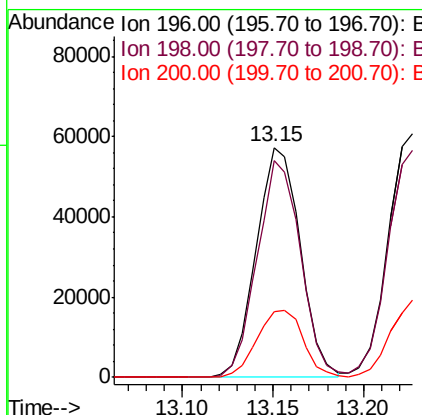
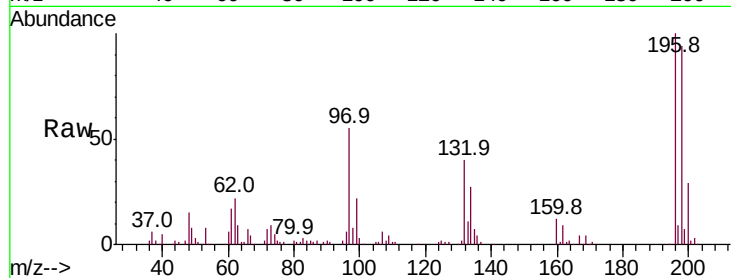




#43
 2,4,6-Trichlorophenol
 Concen: 44.613 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

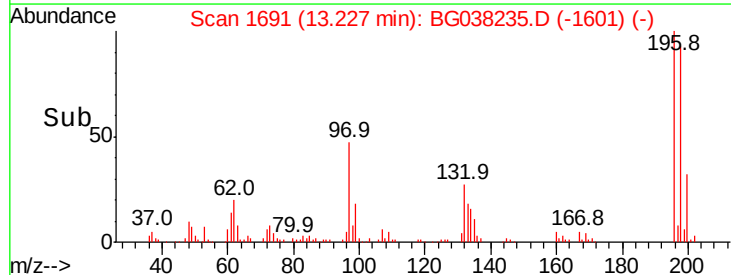
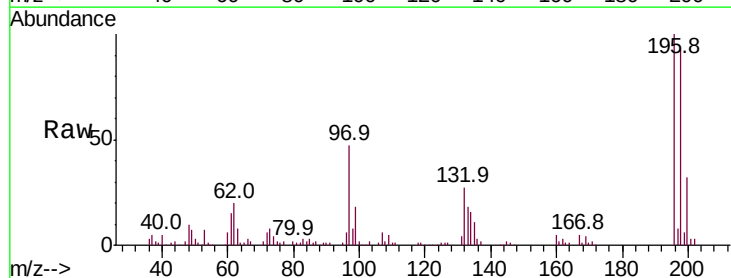
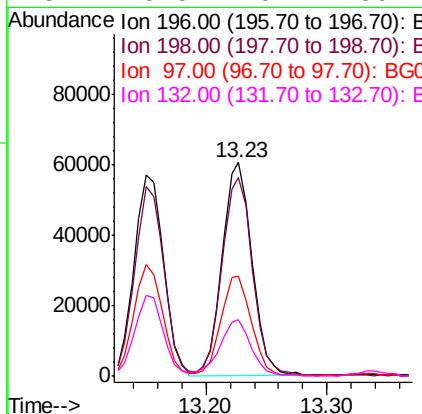
Instrument :
 BNA_G
 ClientSampleId :
 PB115157BS

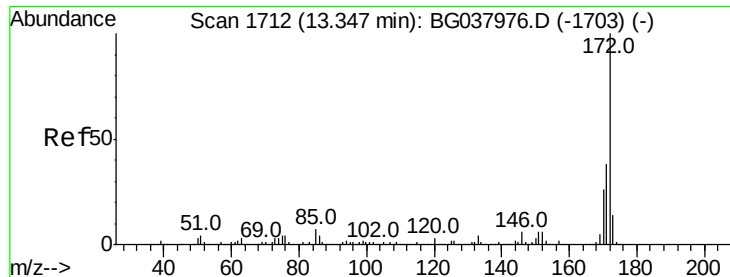
Tot Ion:196 Resp: 96702
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.4 114.6
 200 28.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 45.613 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

Tgt Ion:196 Resp: 104030
 Ion Ratio Lower Upper
 196 100
 198 93.1 74.2 111.2
 97 46.7 34.1 51.1
 132 26.5 20.2 30.4

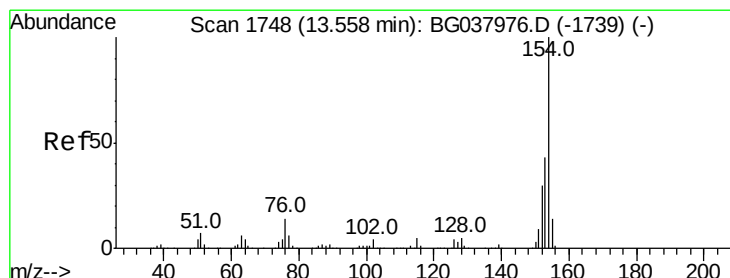
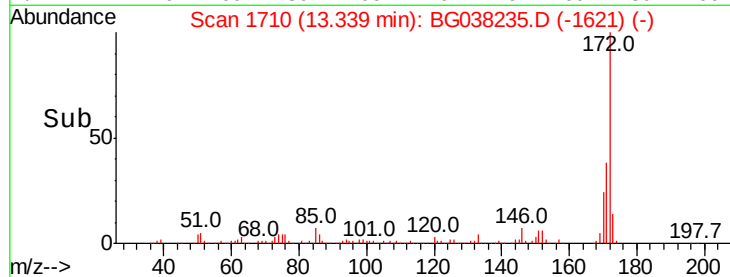
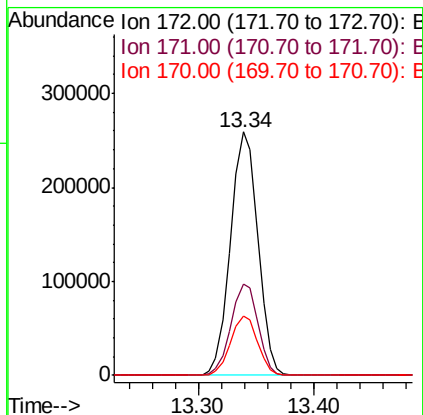
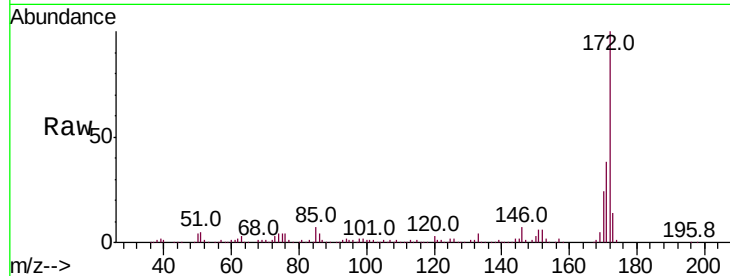




#45
2-Fluorobiphenyl
Concen: 65.067 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

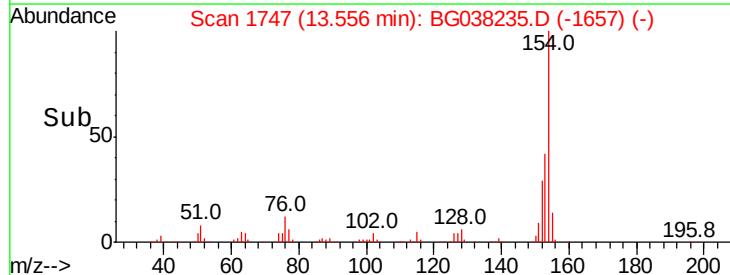
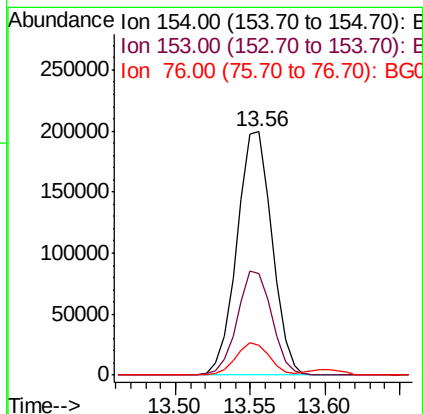
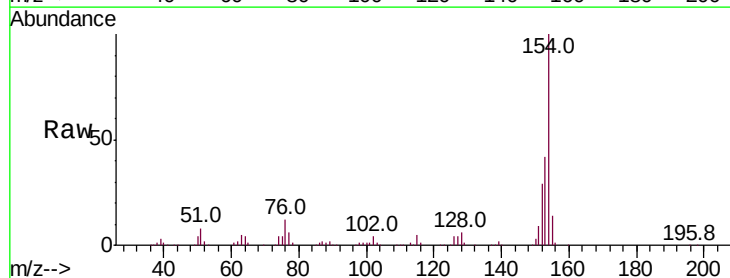
Instrument :
BNA_G
ClientSampleId :
PB115157BS

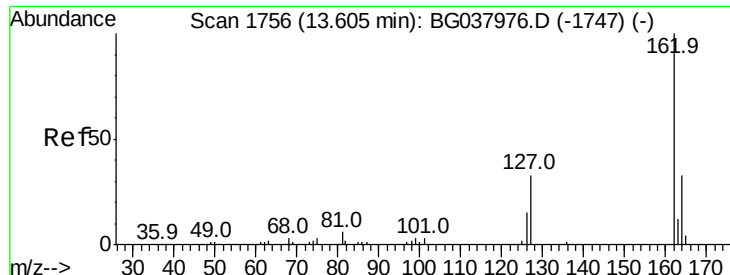
Tot Ion:172 Resp: 425158
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 24.5 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.676 ng
RT: 13.56 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion:154 Resp: 325293
Ion Ratio Lower Upper
154 100
153 41.9 22.1 62.1
76 12.4 0.0 33.2





#47

2-Chloronaphthalene

Concen: 42.759 ng

RT: 13.60 min Scan# 1755

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

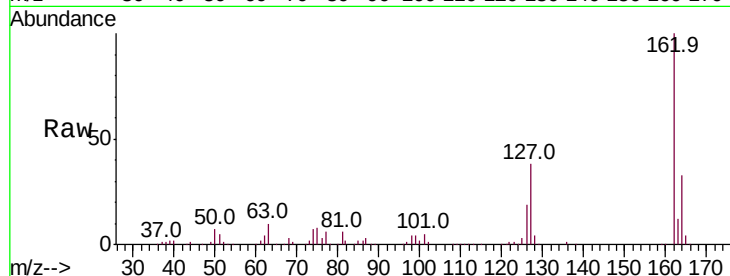
Tot Ion:162 Resp: 260939

Ion Ratio Lower Upper

162 100

127 38.3 30.5 45.7

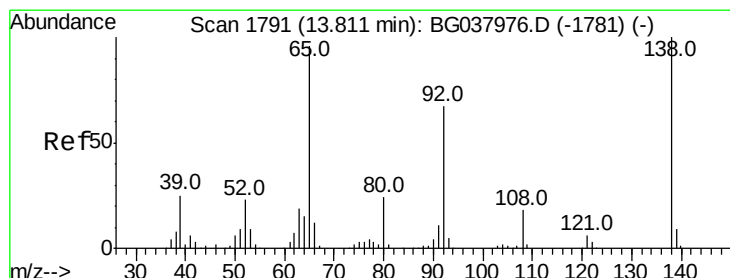
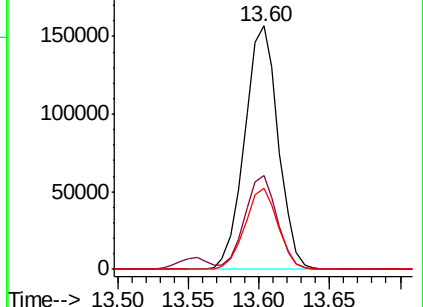
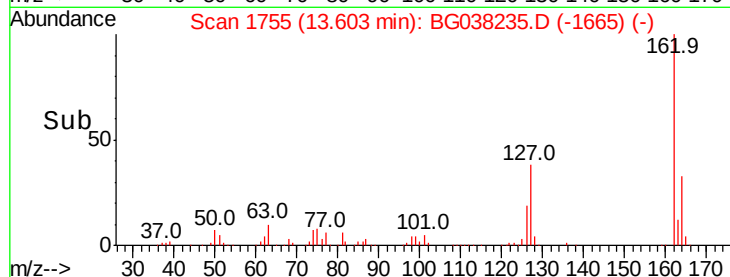
164 33.2 26.4 39.6



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



#48

2-Nitroaniline

Concen: 49.315 ng

RT: 13.81 min Scan# 1791

Delta R.T. 0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

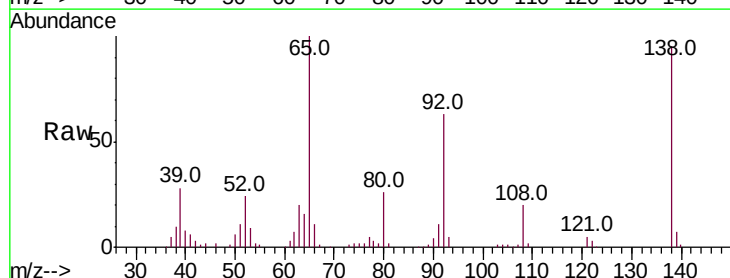
Tgt Ion: 65 Resp: 94717

Ion Ratio Lower Upper

65 100

92 63.3 53.2 79.8

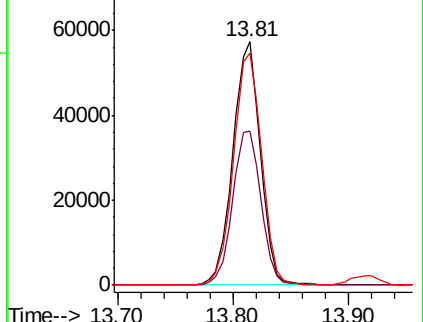
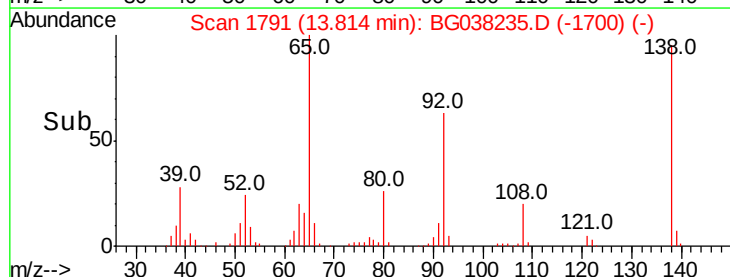
138 95.2 79.3 118.9

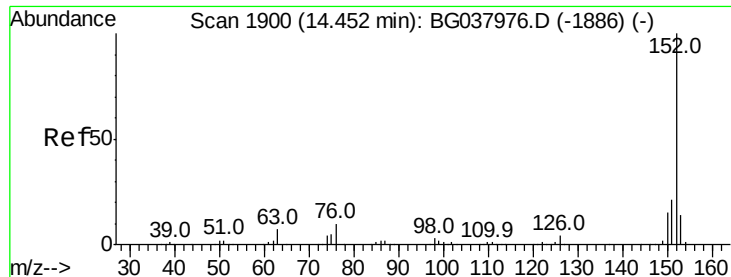


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.688 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

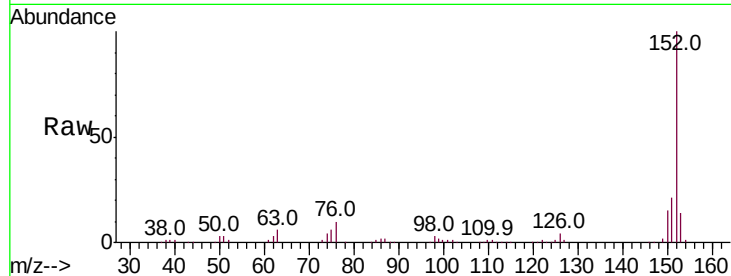
Tot Ion:152 Resp: 428459

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

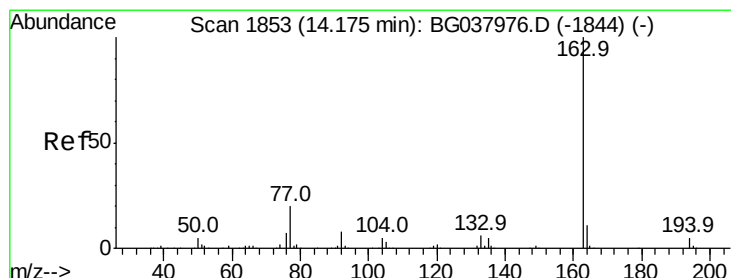
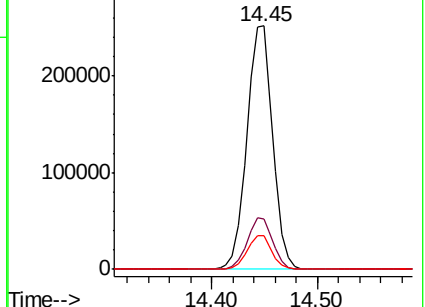
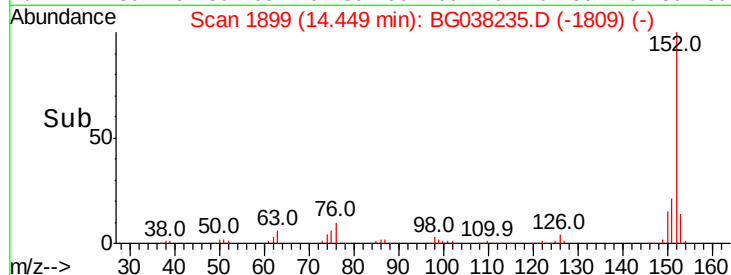
153 14.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.868 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

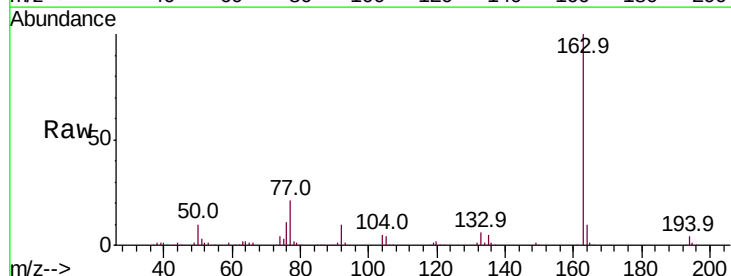
Tgt Ion:163 Resp: 331055

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

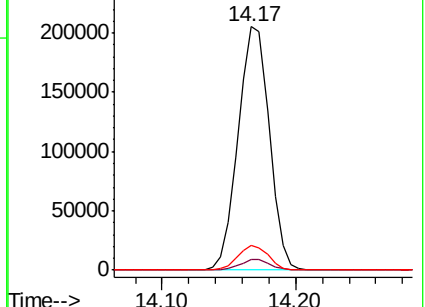
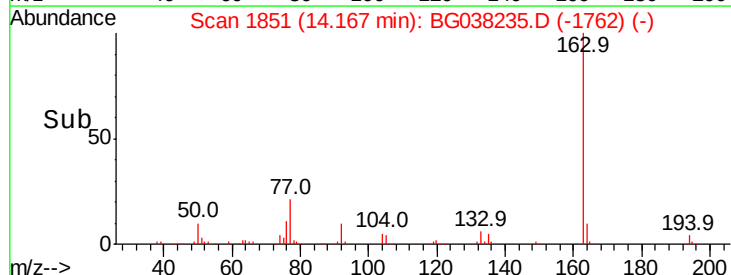
164 10.1 8.5 12.7

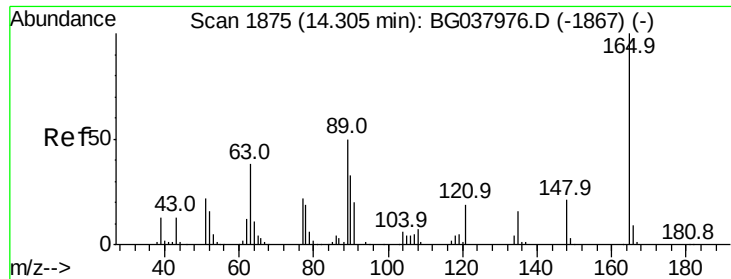


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.249 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

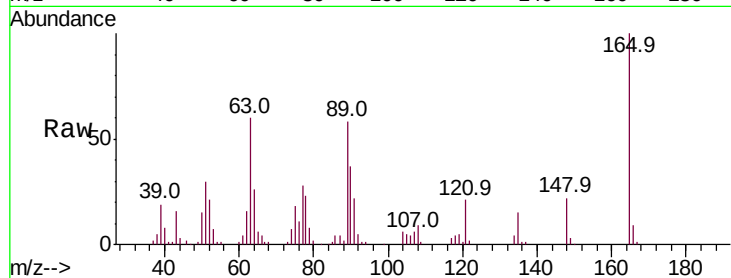
Tot Ion:165 Resp: 77285

Ion Ratio Lower Upper

165 100

63 60.3 43.4 65.2

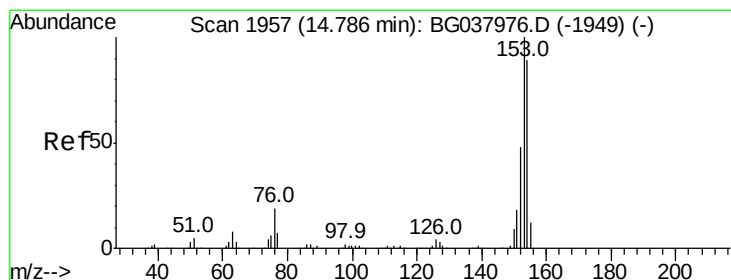
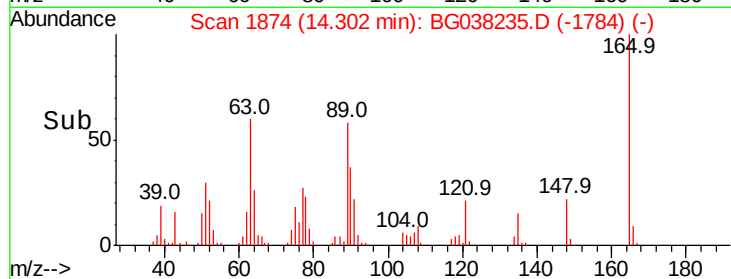
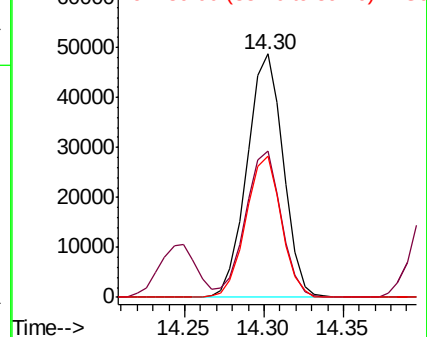
89 57.9 45.8 68.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 44.861 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

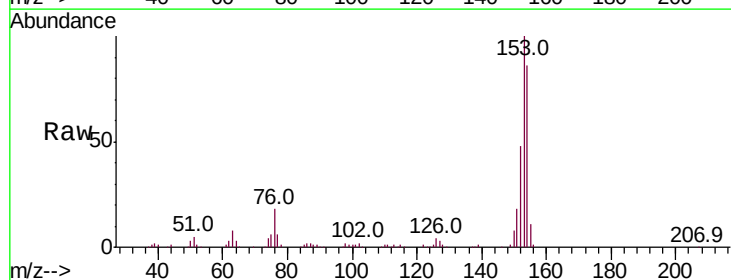
Tgt Ion:154 Resp: 247846

Ion Ratio Lower Upper

154 100

153 116.6 93.4 140.0

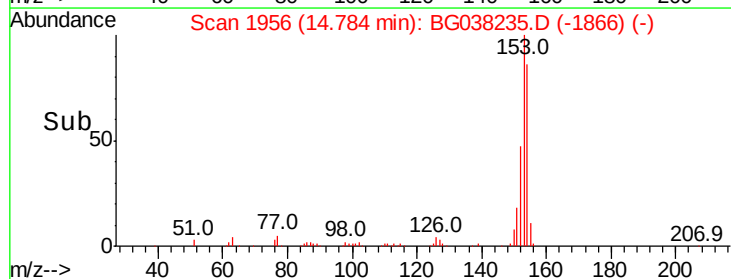
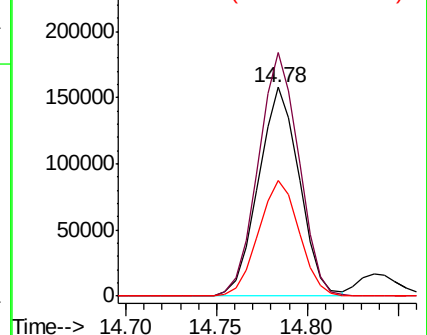
152 55.6 44.7 67.1

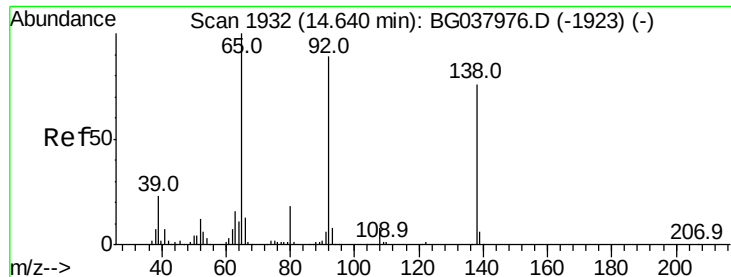


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 35.874 ng

RT: 14.64 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

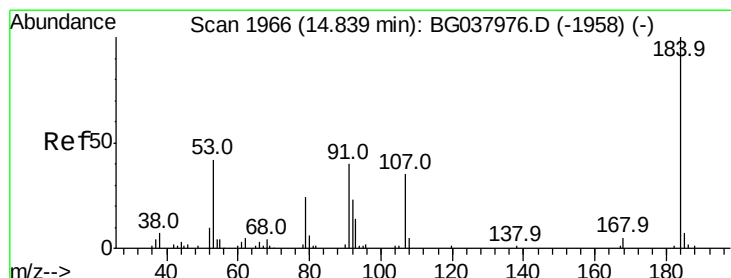
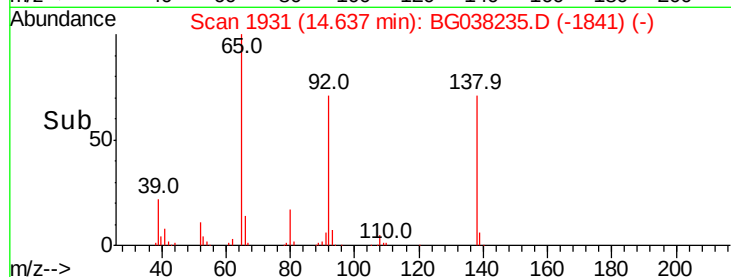
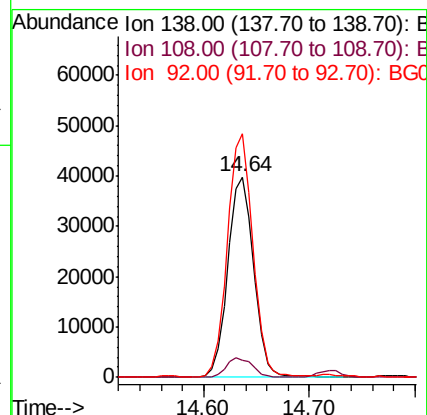
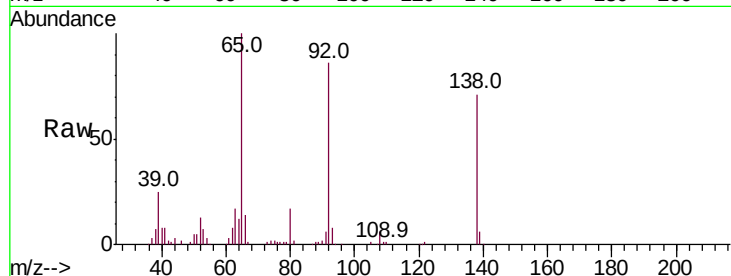
Tot Ion:138 Resp: 67612

Ion Ratio Lower Upper

138 100

108 8.3 11.0 16.6#

92 121.4 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 59.415 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

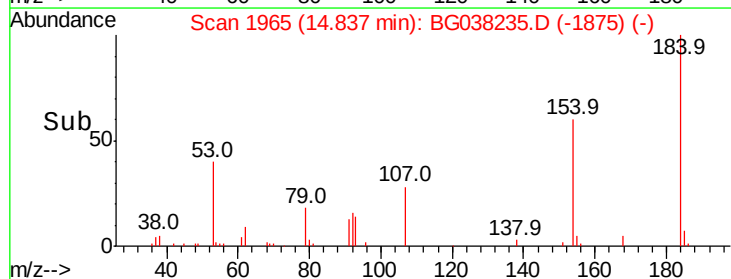
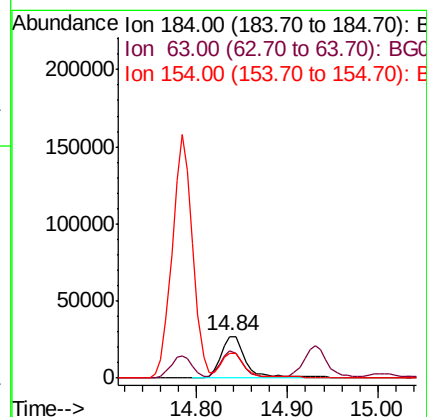
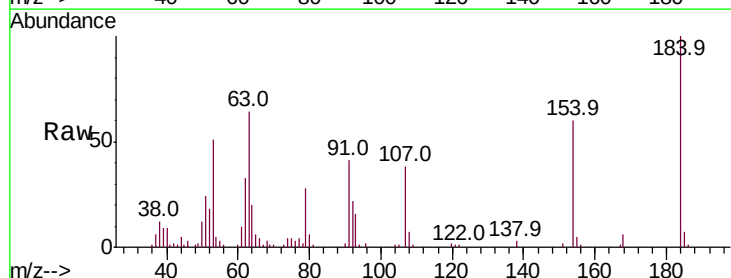
Tgt Ion:184 Resp: 52279

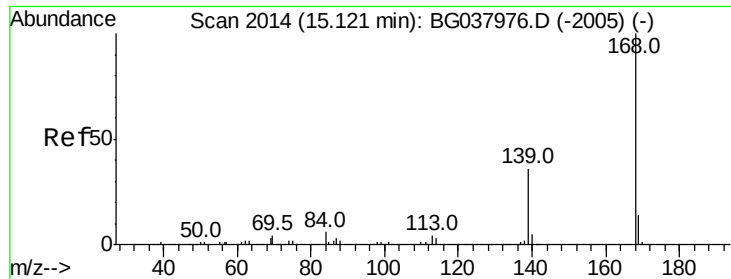
Ion Ratio Lower Upper

184 100

63 64.3 42.6 63.8#

154 60.5 41.8 62.6

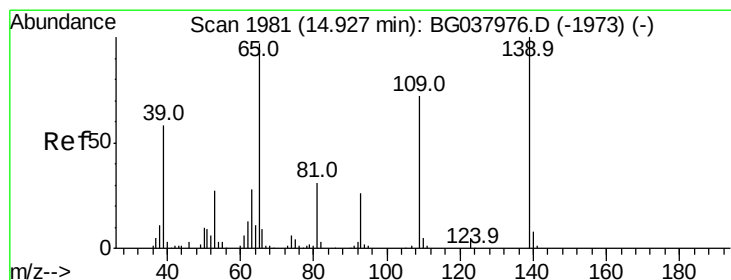
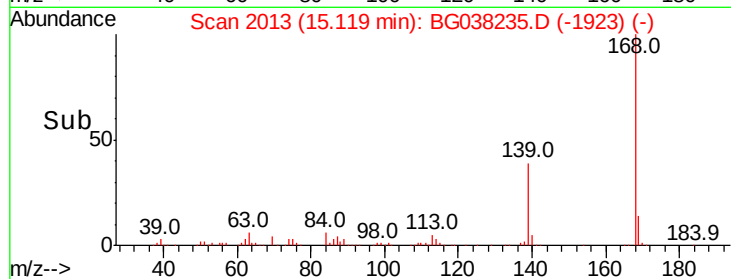
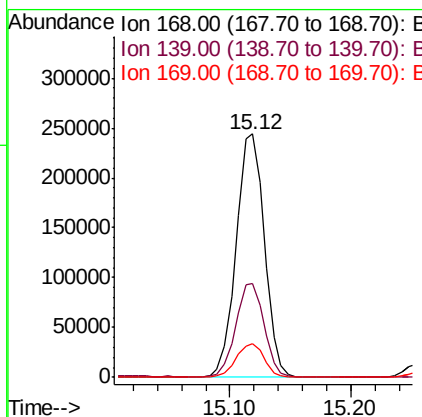
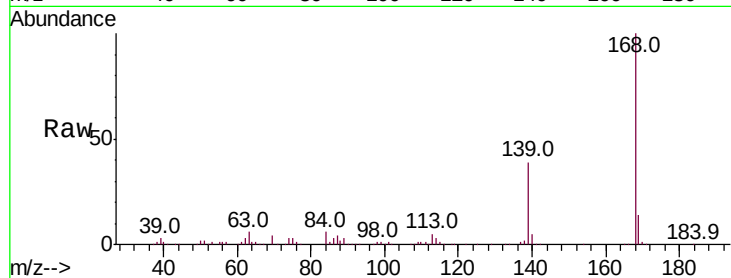




#55
Dibenzofuran
Concen: 43.639 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

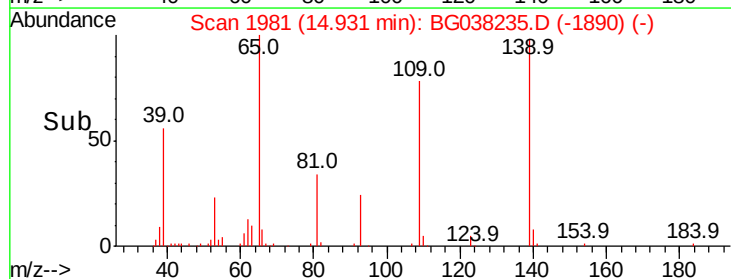
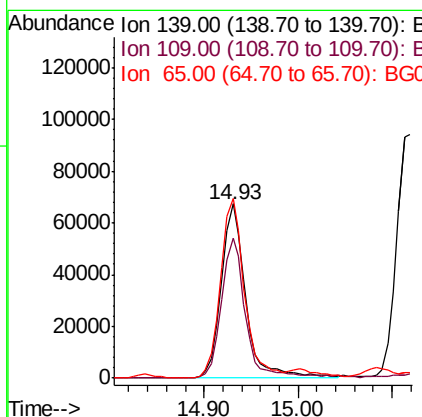
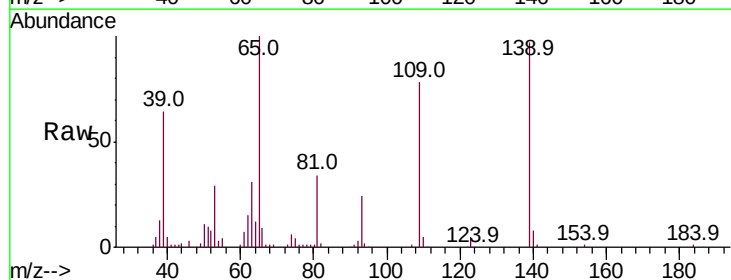
Instrument :
BNA_G
ClientSampleId :
PB115157BS

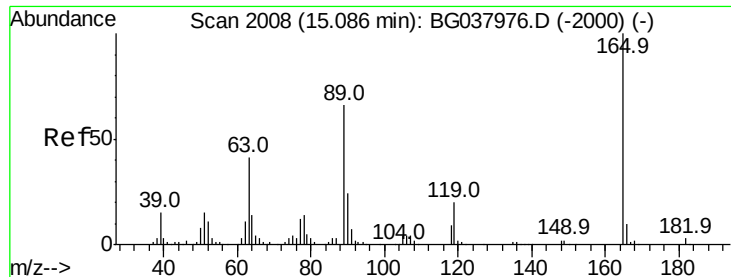
Tot Ion:168 Resp: 398656
Ion Ratio Lower Upper
168 100
139 38.6 29.4 44.0
169 14.0 11.0 16.6



#56
4-Nitrophenol
Concen: 84.227 ng
RT: 14.93 min Scan# 181
Delta R.T. 0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion:139 Resp: 122433
Ion Ratio Lower Upper
139 100
109 80.0 49.5 89.5
65 103.2 76.8 116.8

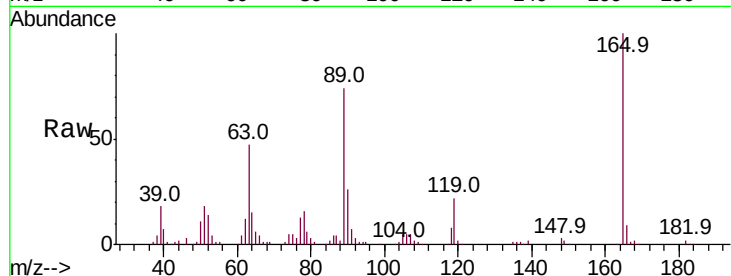




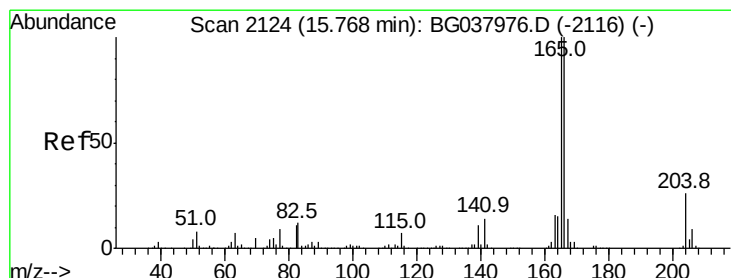
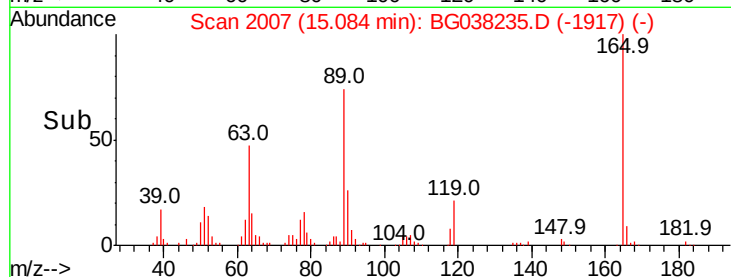
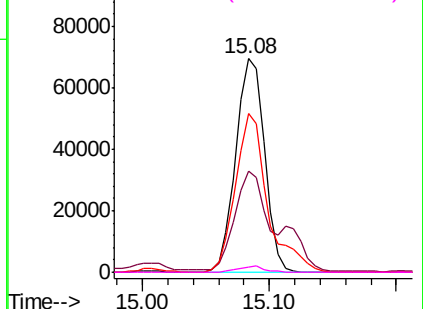
#57
 2,4-Dinitrotoluene
 Concen: 47.086 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

Instrument :
 BNA_G
 ClientSampleId :
 PB115157BS

Tot Ion:165 Resp: 109424
 Ion Ratio Lower Upper
 165 100
 63 47.1 33.4 50.0
 89 74.4 57.2 85.8
 182 2.4 2.6 4.0#

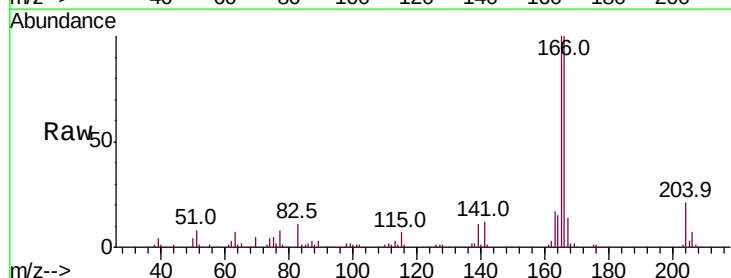


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

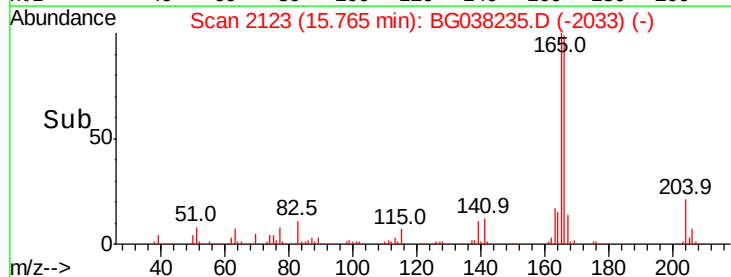
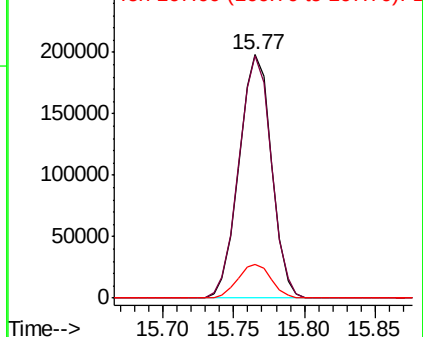


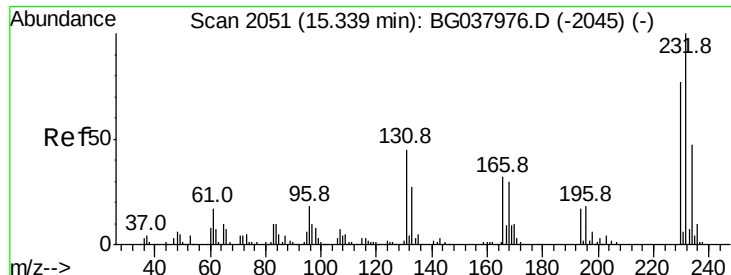
#58
 Fluorene
 Concen: 46.664 ng
 RT: 15.77 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

Tgt Ion:166 Resp: 318069
 Ion Ratio Lower Upper
 166 100
 165 99.6 79.0 118.6
 167 14.0 11.3 16.9



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

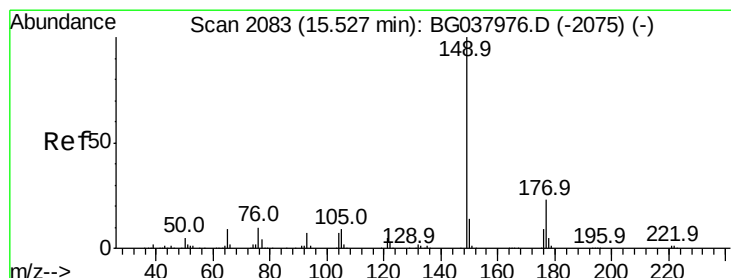
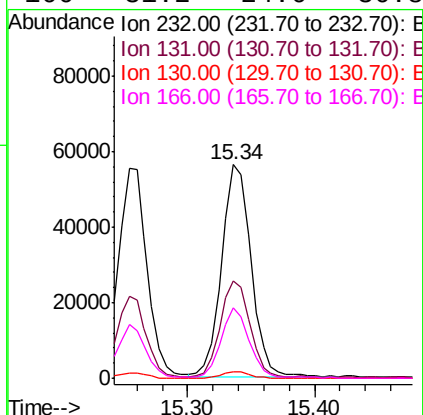
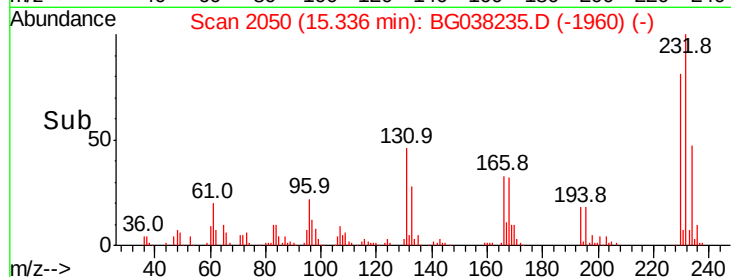
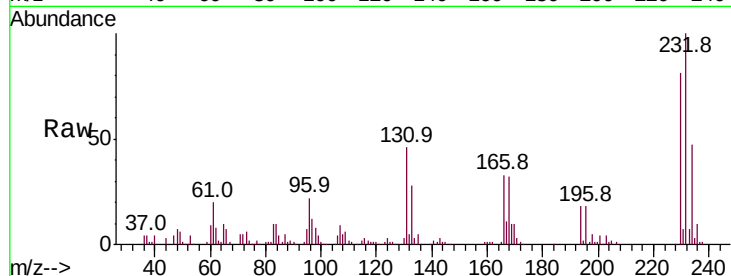




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.619 ng
 RT: 15.34 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

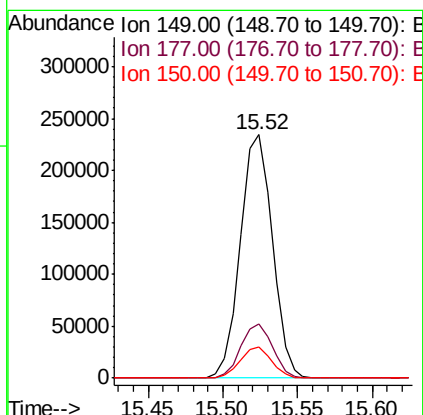
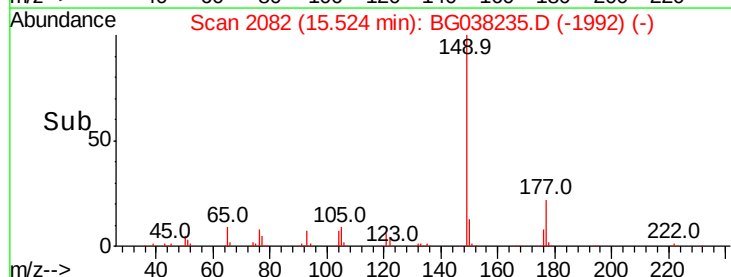
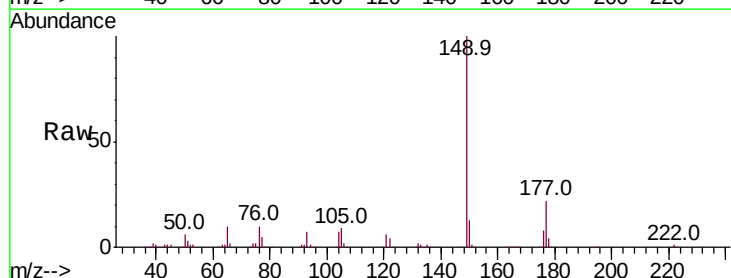
Instrument :
 BNA_G
 ClientSampleId :
 PB115157BS

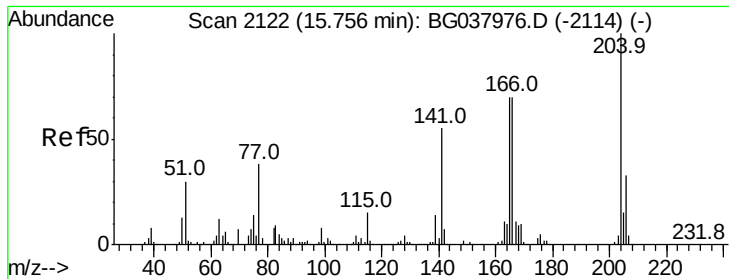
Tot Ion:232 Resp: 90877
 Ion Ratio Lower Upper
 232 100
 131 45.3 33.7 50.5
 130 2.9 2.1 3.1
 166 31.2 24.6 36.8



#60
 Diethylphthalate
 Concen: 43.623 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

Tgt Ion:149 Resp: 349664
 Ion Ratio Lower Upper
 149 100
 177 22.2 18.3 27.5
 150 12.7 10.0 15.0

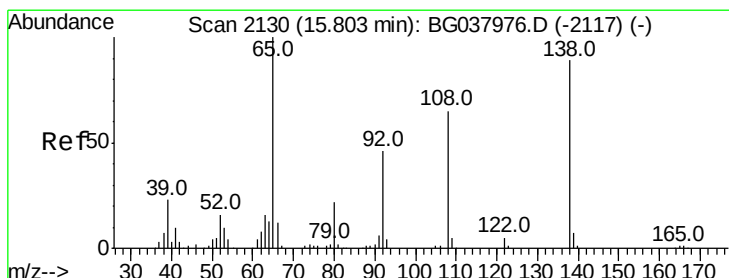
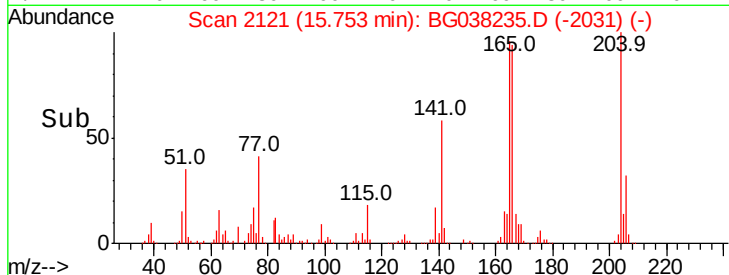
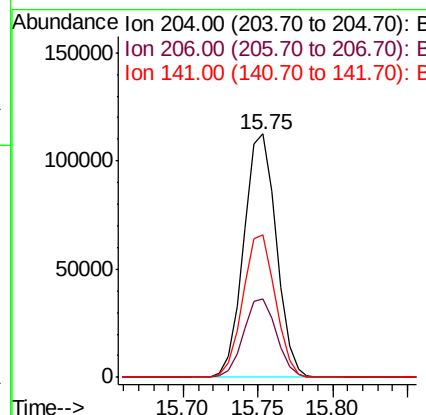
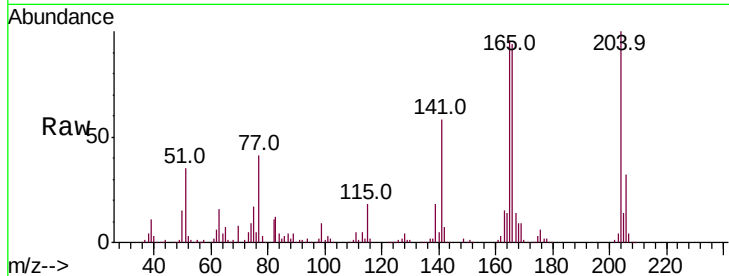




#61
 4-Chlorophenyl-phenylether
 Concen: 42.563 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

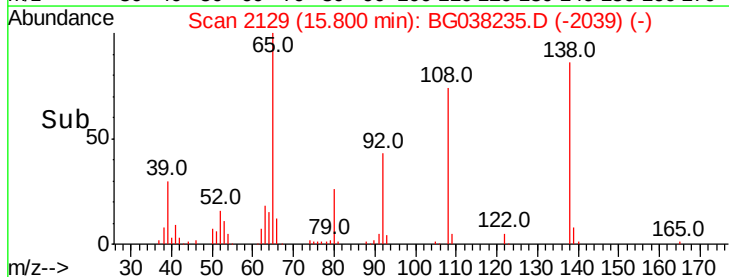
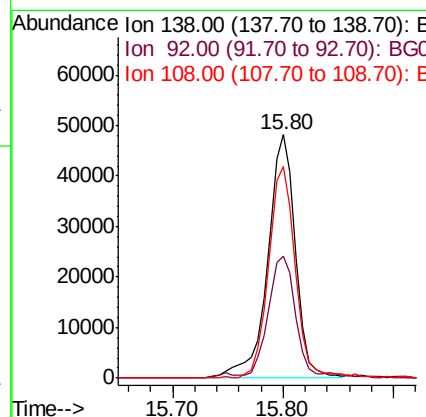
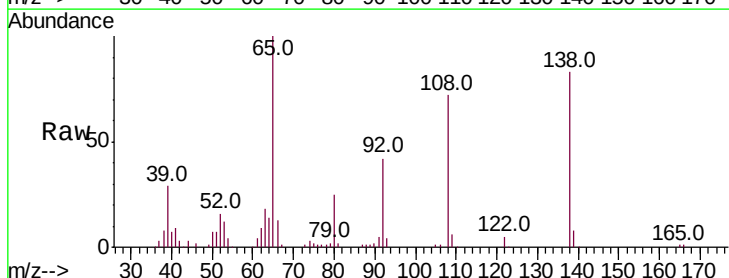
Instrument :
 BNA_G
 ClientSampleId :
 PB115157BS

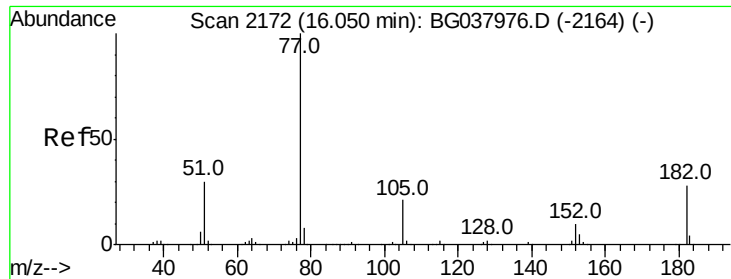
Tot Ion:204 Resp: 169754
 Ion Ratio Lower Upper
 204 100
 206 32.4 26.6 39.8
 141 58.5 45.4 68.2



#62
 4-Nitroaniline
 Concen: 45.288 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG038235.D
 Acq: 29 Nov 2018 16:24

Tgt Ion:138 Resp: 84793
 Ion Ratio Lower Upper
 138 100
 92 50.3 36.4 76.4
 108 87.0 60.1 100.1





#63

Azobenzene

Concen: 46.108 ng

RT: 16.05 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

Tot Ion: 77 Resp: 330452

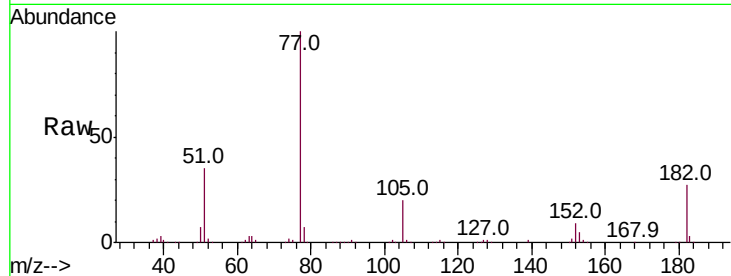
Ion Ratio Lower Upper

77 100

182 26.7 8.0 48.0

105 19.7 1.3 41.3

51 35.0 10.7 50.7

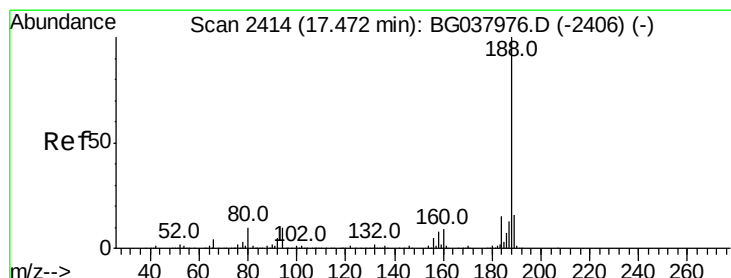
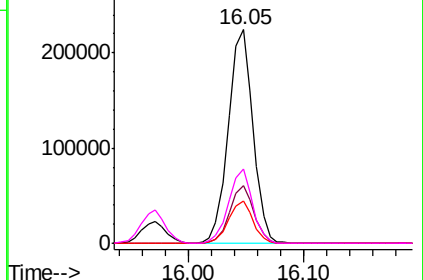
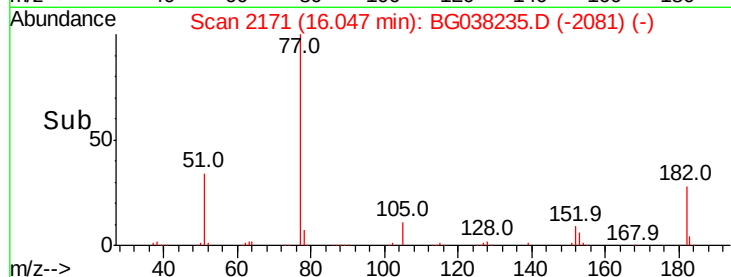


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2413

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

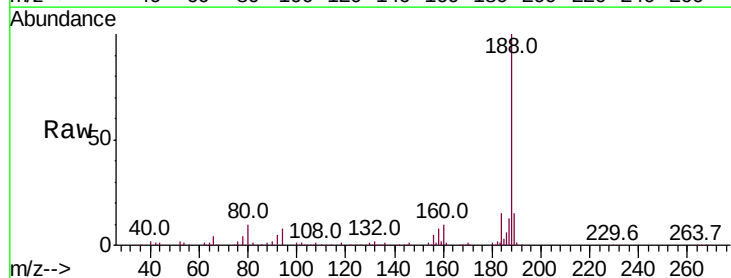
Tgt Ion: 188 Resp: 225490

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

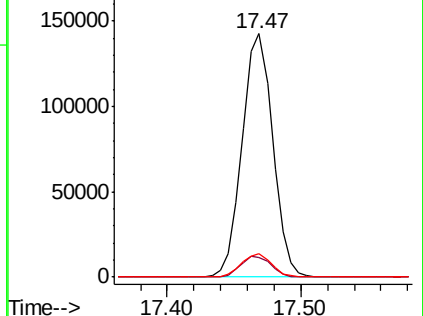
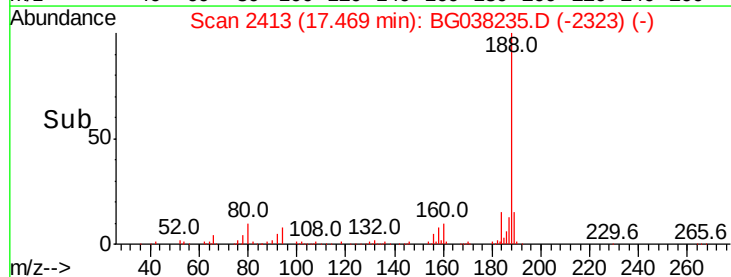
80 9.7 7.7 11.5

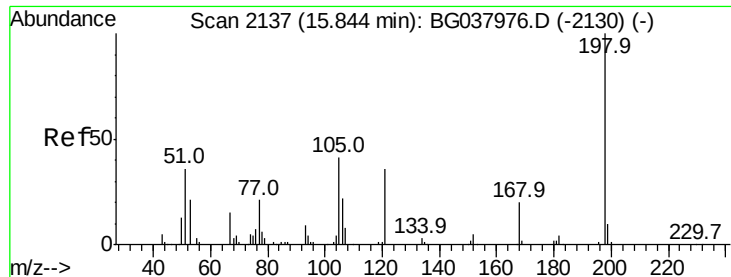


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 36.713 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

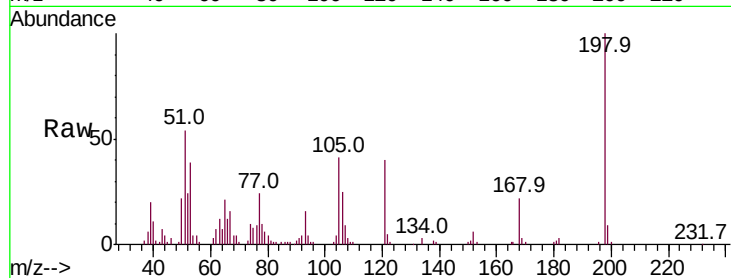
Tot Ion:198 Resp: 52361

Ion Ratio Lower Upper

198 100

51 53.5 22.7 62.7

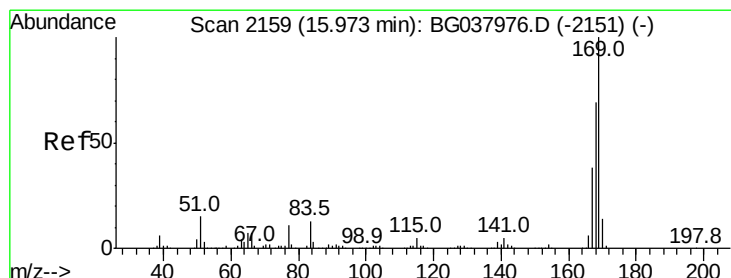
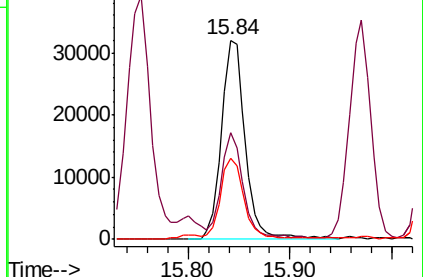
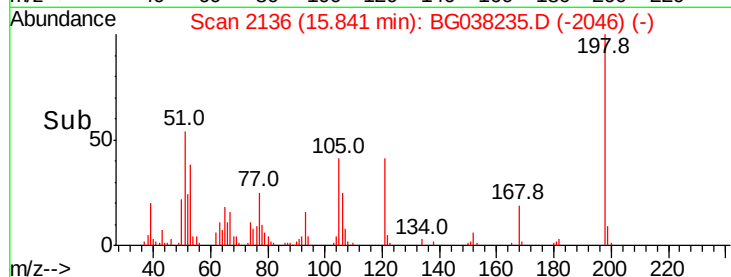
105 40.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.074 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

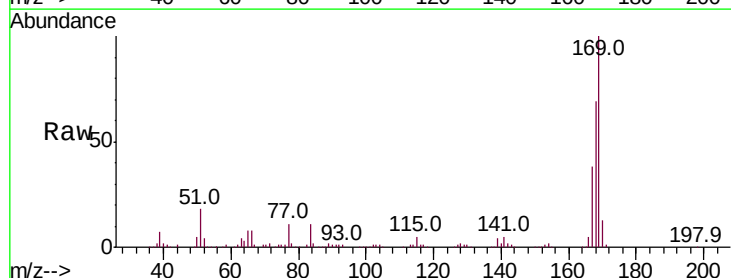
Tgt Ion:169 Resp: 293838

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

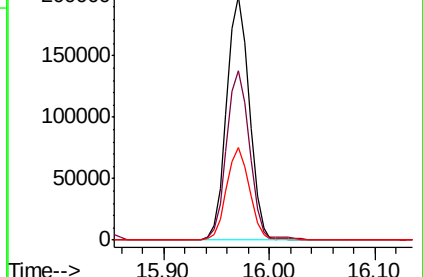
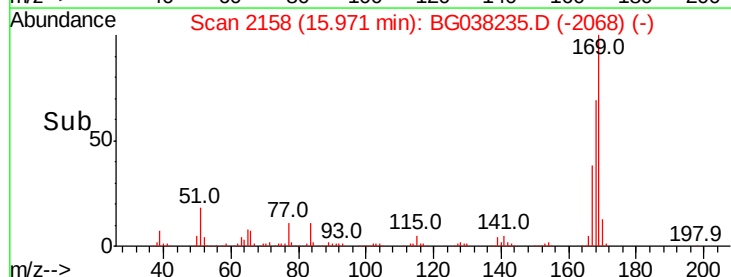
167 38.1 31.3 46.9

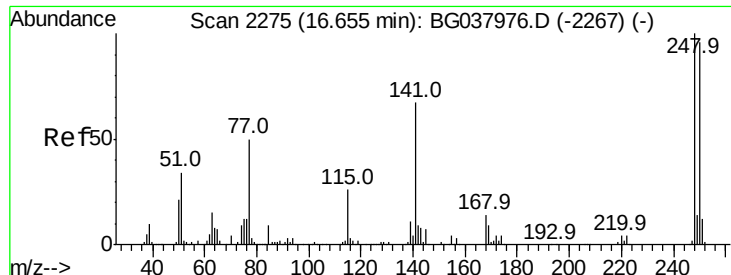


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

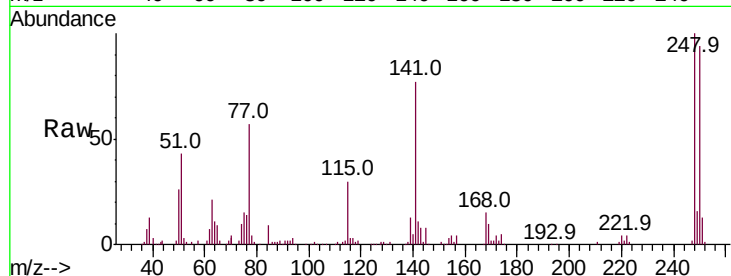




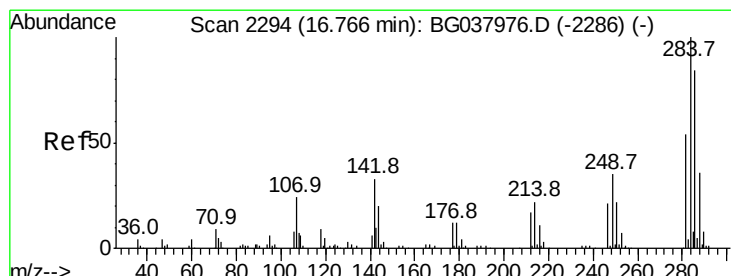
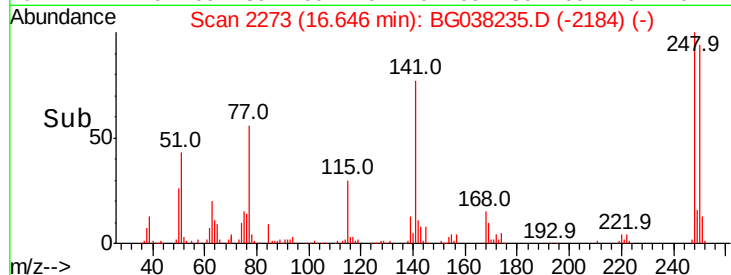
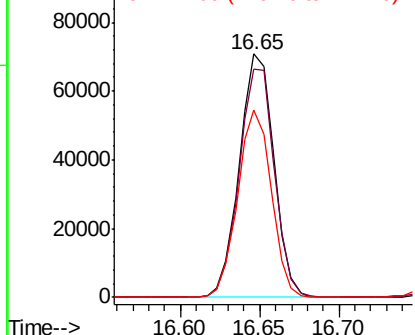
#67
4-Bromophenyl-phenylether
Concen: 43.132 ng
RT: 16.65 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Instrument :
BNA_G
ClientSampleId :
PB115157BS

Tot Ion:248 Resp: 106750
Ion Ratio Lower Upper
248 100
250 93.8 77.0 115.6
141 76.7 55.5 83.3

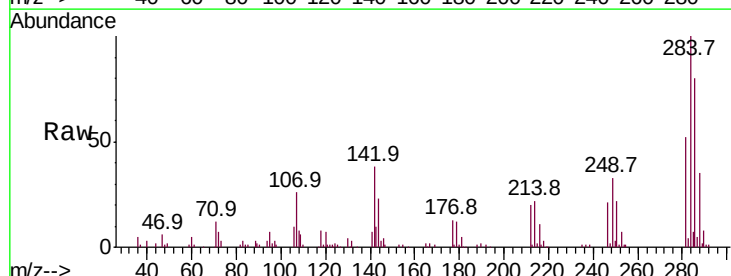


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

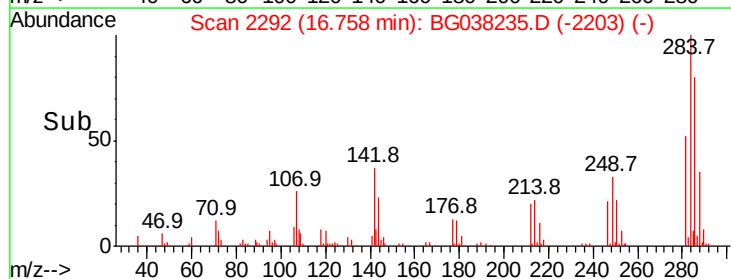
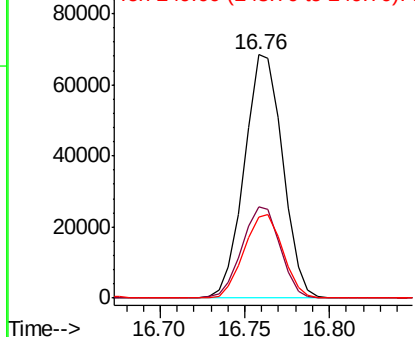


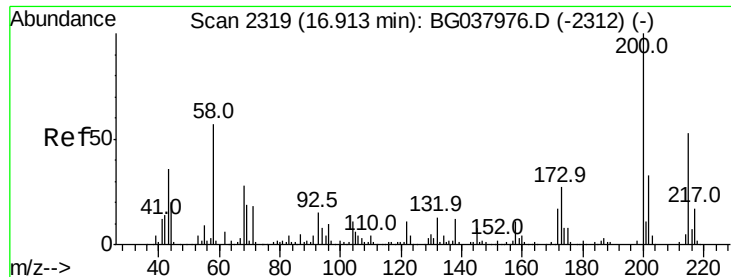
#68
Hexachlorobenzene
Concen: 42.286 ng
RT: 16.76 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion:284 Resp: 108025
Ion Ratio Lower Upper
284 100
142 37.7 28.1 42.1
249 36.1 29.8 44.8



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





#69

Atrazine

Concen: 44.538 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

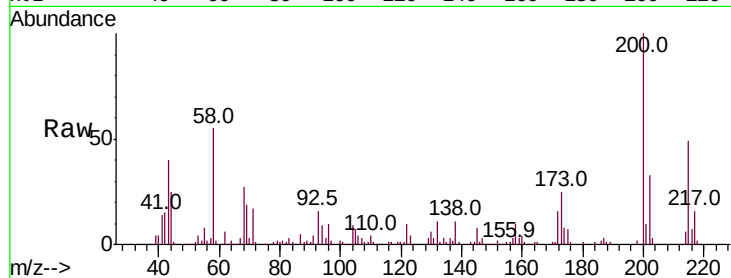
Tot Ion:200 Resp: 112000

Ion Ratio Lower Upper

200 100

173 25.2 6.1 46.1

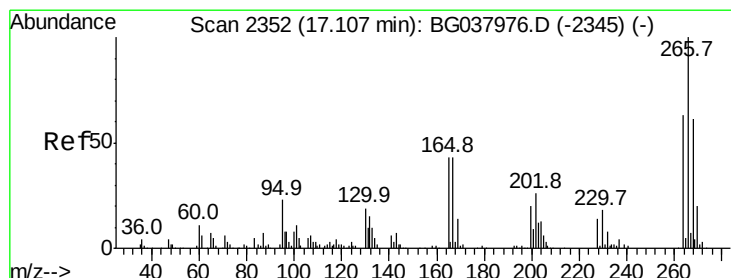
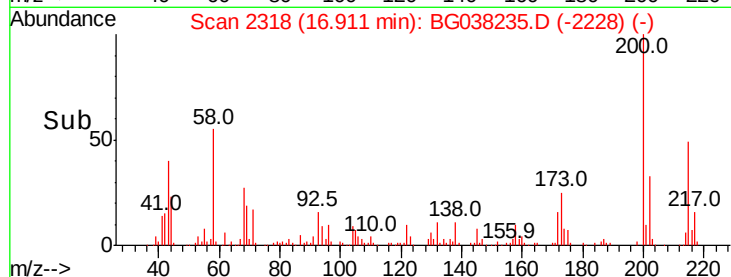
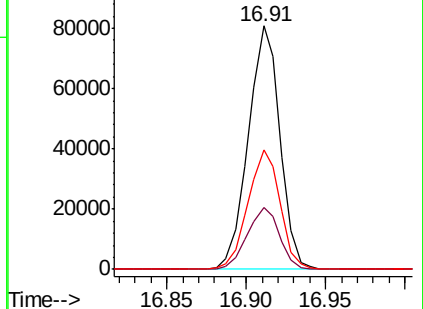
215 48.8 30.8 70.8



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



#70

Pentachlorophenol

Concen: 68.908 ng

RT: 17.11 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

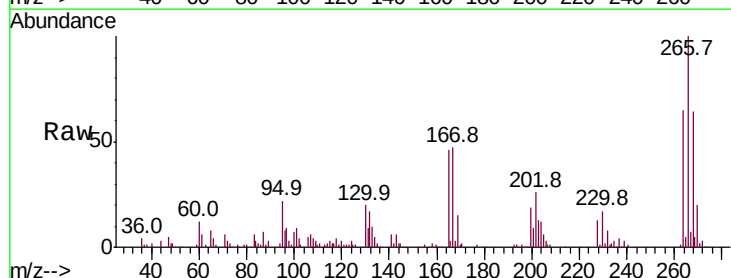
Tgt Ion:266 Resp: 119557

Ion Ratio Lower Upper

266 100

268 68.3 55.0 82.6

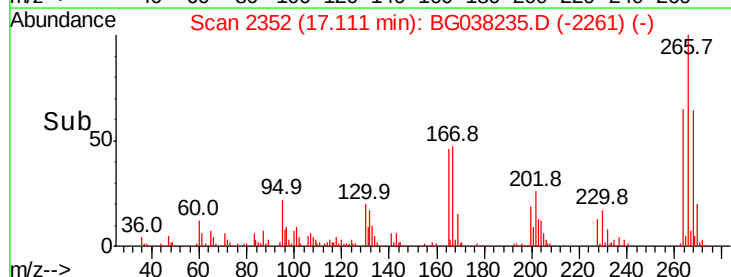
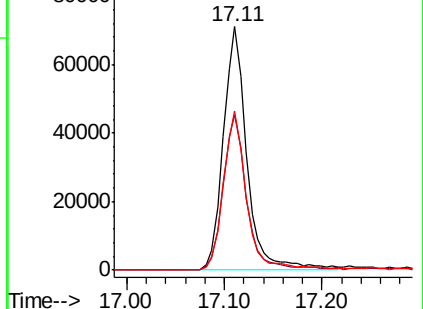
264 65.4 58.9 88.3

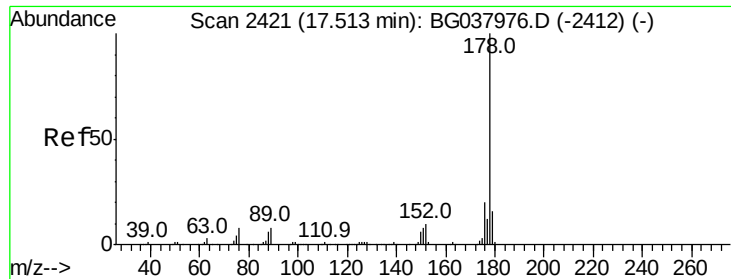


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.017 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

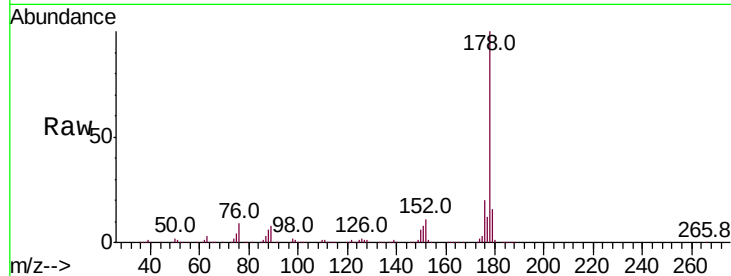
BNA_G

ClientSampleId :

PB115157BS

Tot Ion:178 Resp: 542799

Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.1	24.1
179	16.4	13.0	19.4

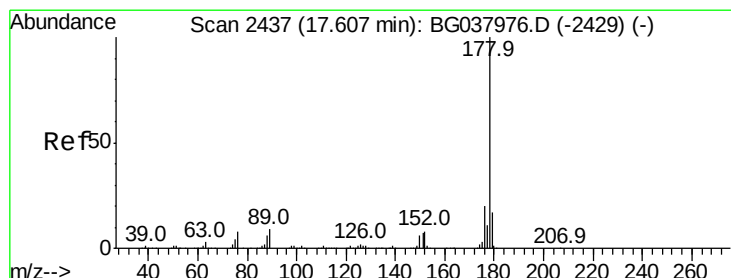
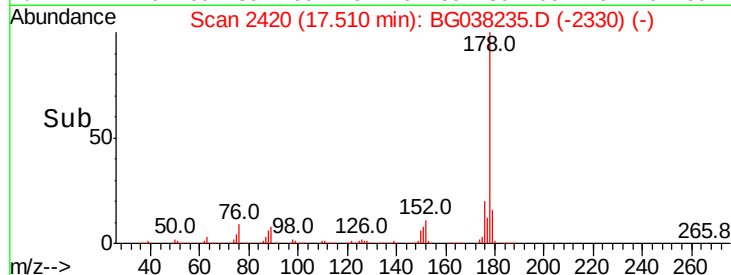
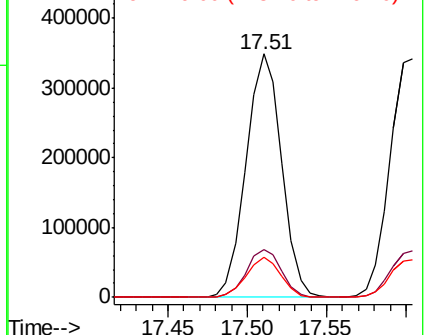


Abundance

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

Anthracene

Concen: 48.181 ng

RT: 17.60 min Scan# 2436

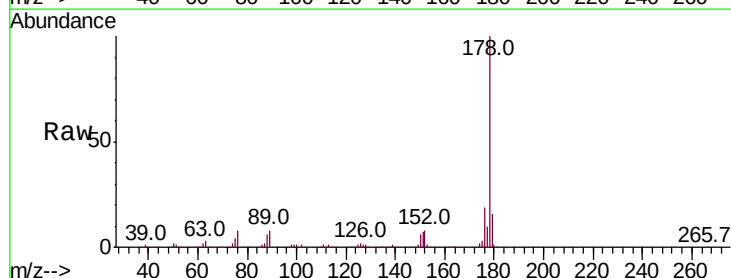
Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Tgt Ion:178 Resp: 548301

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.4
179	15.6	12.8	19.2

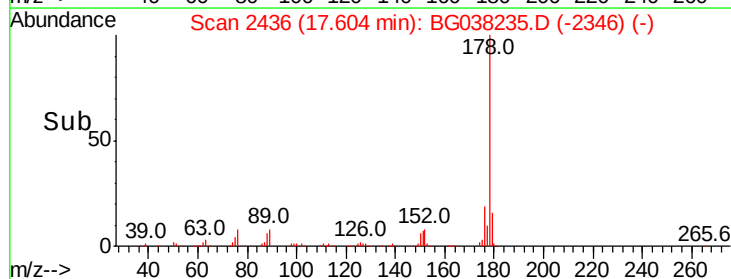
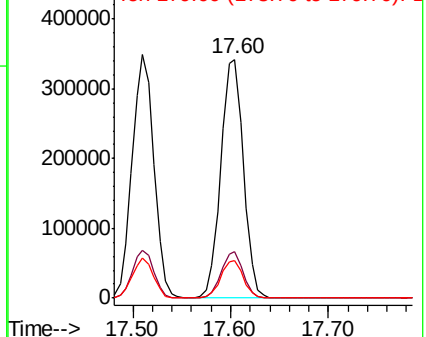


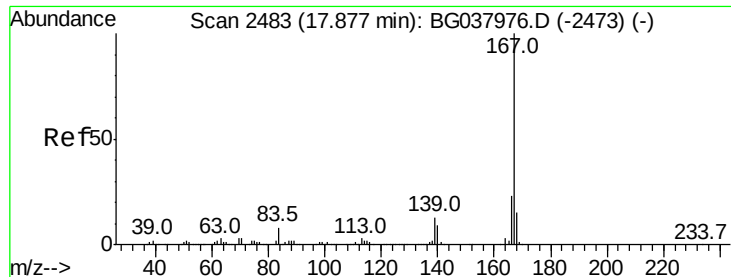
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.007 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

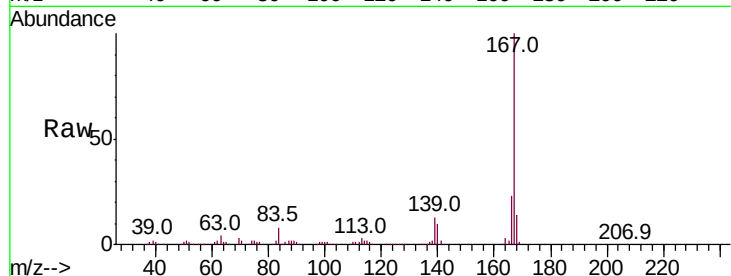
Tot Ion:167 Resp: 502454

Ion Ratio Lower Upper

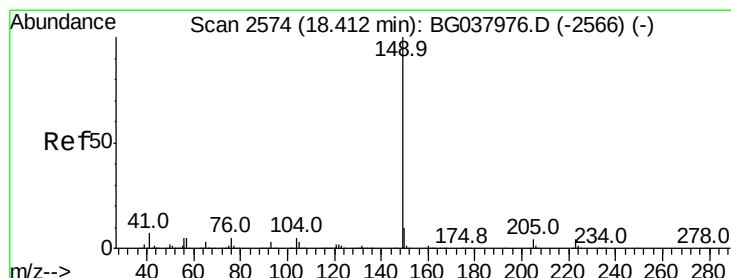
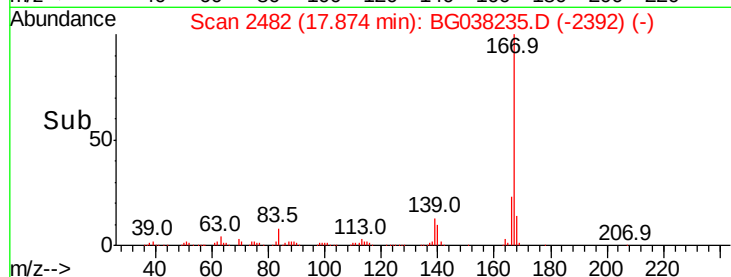
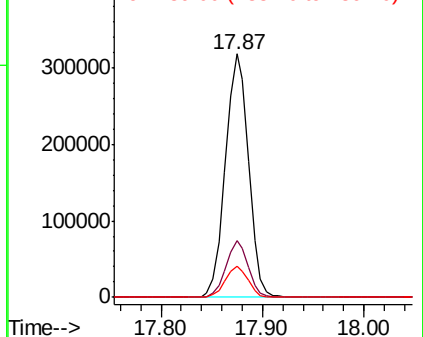
167 100

166 23.1 18.3 27.5

139 13.0 10.5 15.7



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



#74

Di-n-butylphthalate

Concen: 47.602 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

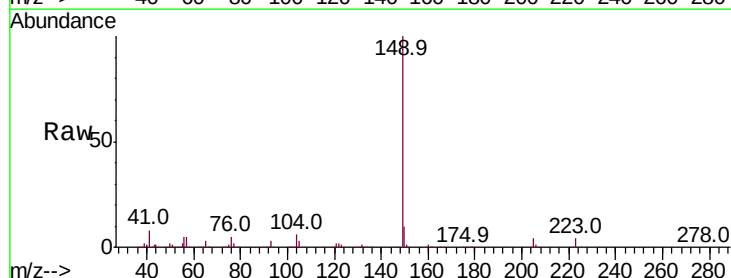
Tgt Ion:149 Resp: 610098

Ion Ratio Lower Upper

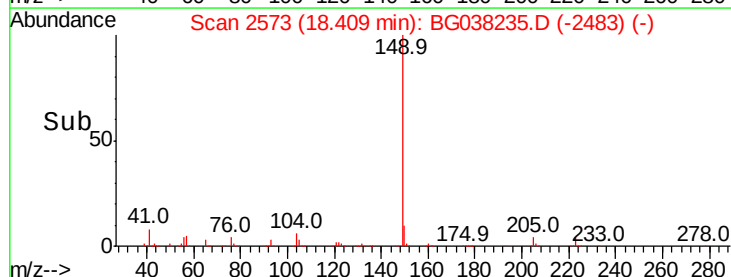
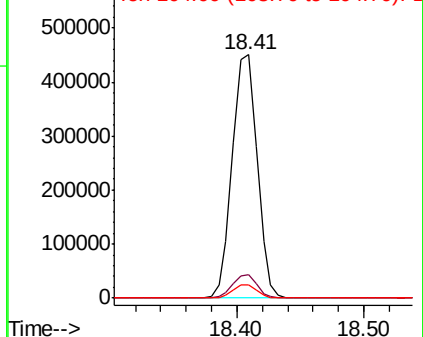
149 100

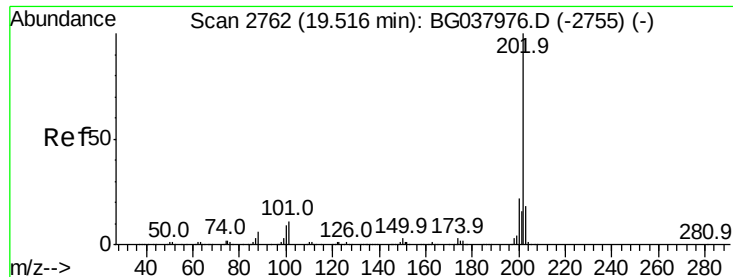
150 9.8 8.2 12.2

104 5.7 4.0 6.0



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





#75

Fluoranthene

Concen: 49.290 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

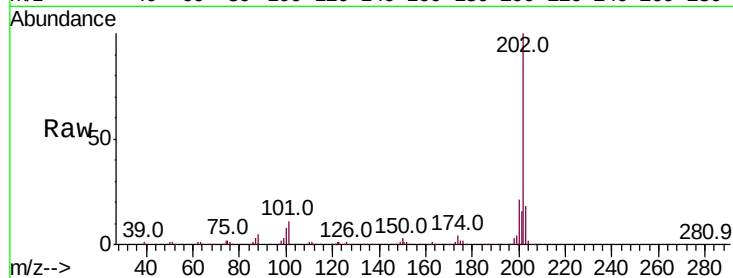
Tot Ion:202 Resp: 649235

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.7

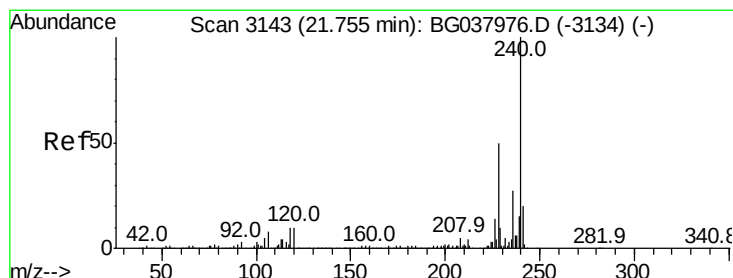
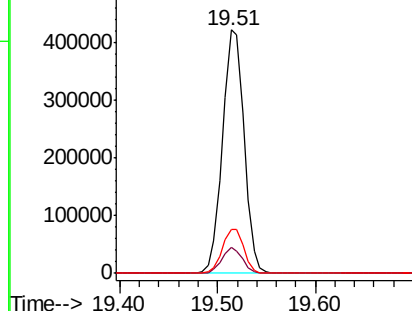
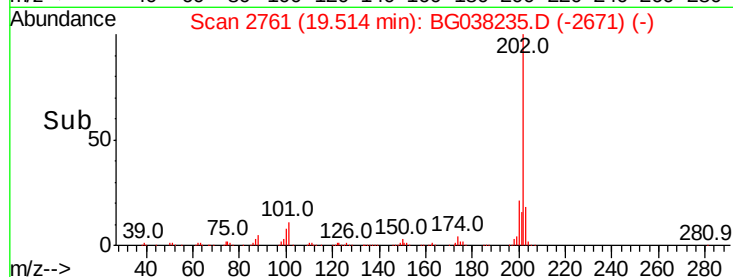
203 17.9 0.0 38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

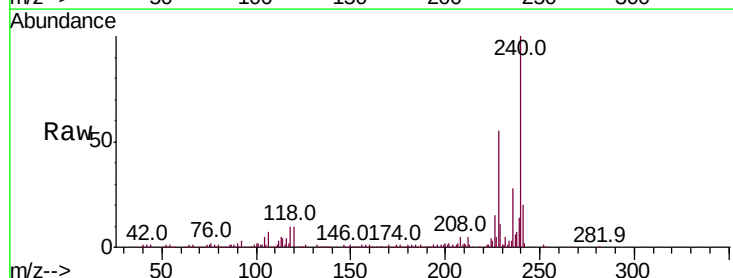
Tgt Ion:240 Resp: 211037

Ion Ratio Lower Upper

240 100

120 10.0 8.1 12.1

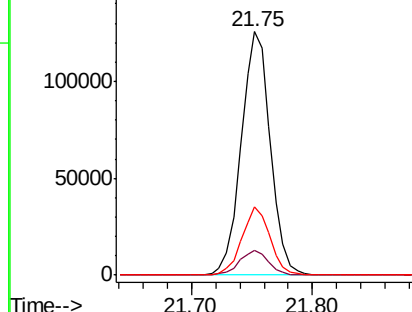
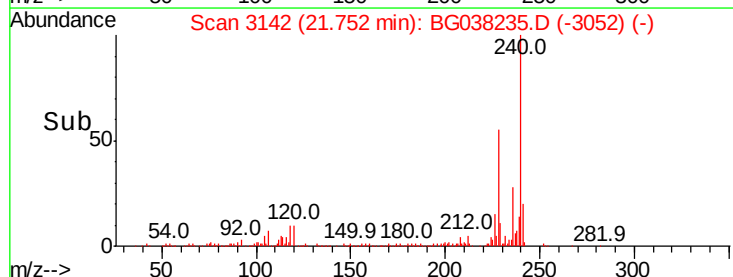
236 27.9 21.4 32.0

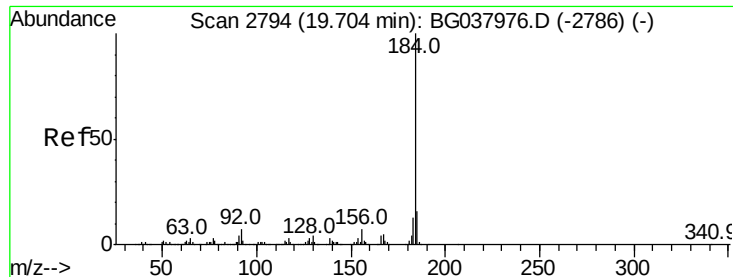


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.589 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

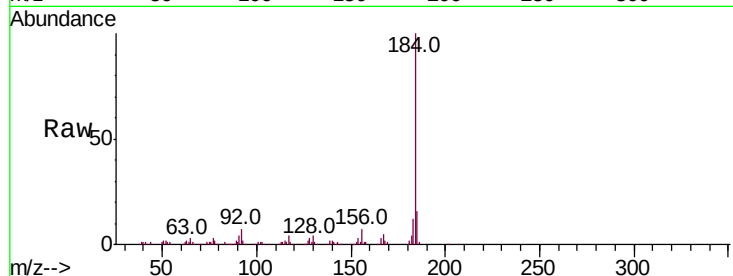
Tot Ion:184 Resp: 204302

Ion Ratio Lower Upper

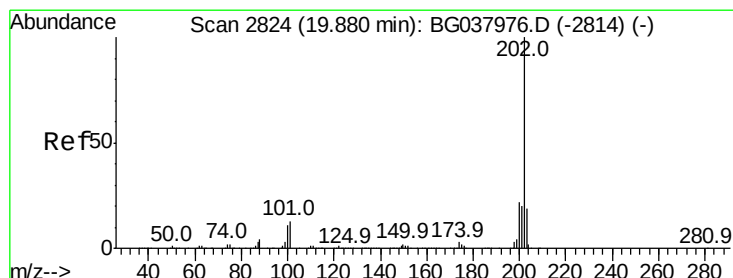
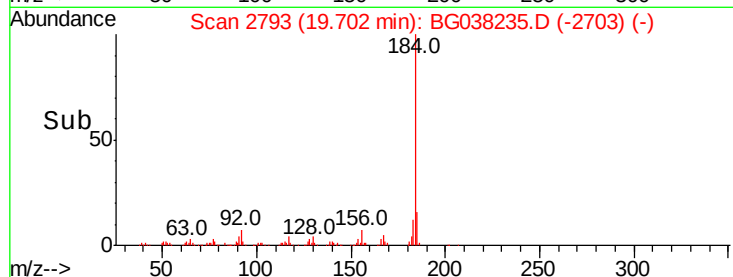
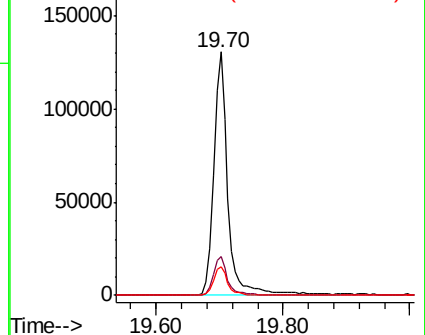
184 100

185 15.7 12.6 18.8

183 11.6 10.2 15.2



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



#78

Pyrene

Concen: 46.755 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

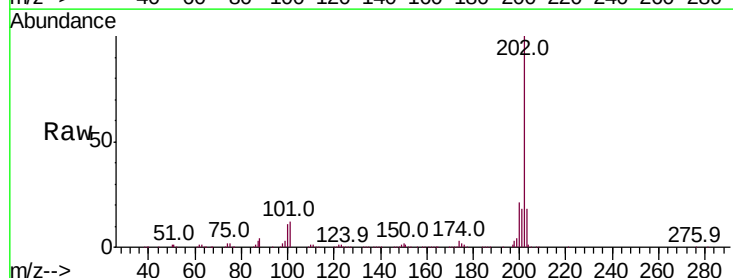
Tgt Ion:202 Resp: 645117

Ion Ratio Lower Upper

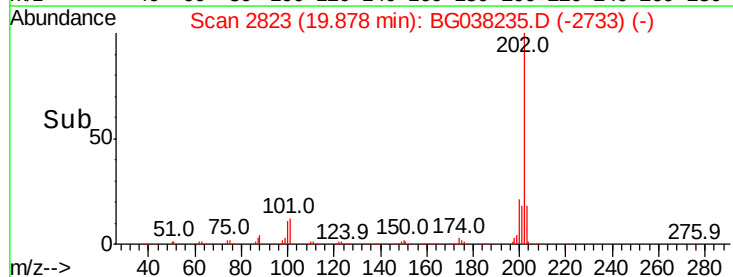
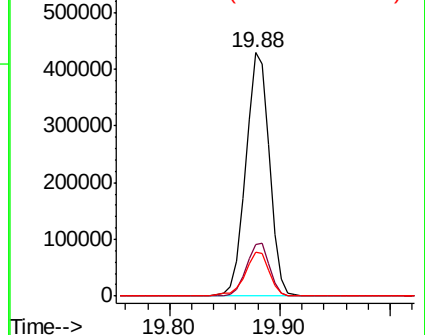
202 100

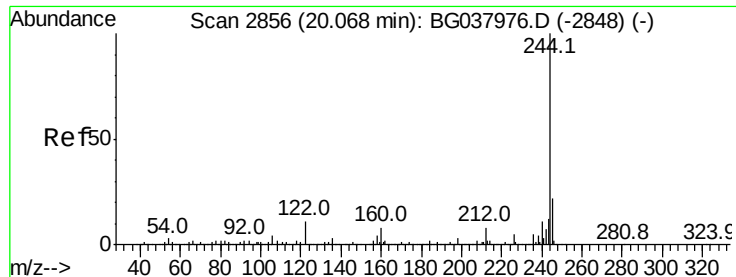
200 21.3 17.8 26.6

203 18.2 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 76.434 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

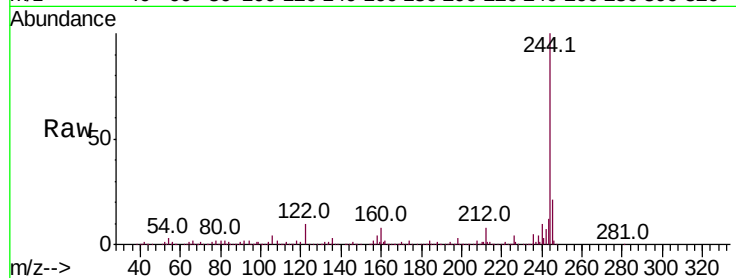
Tot Ion:244 Resp: 685521

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

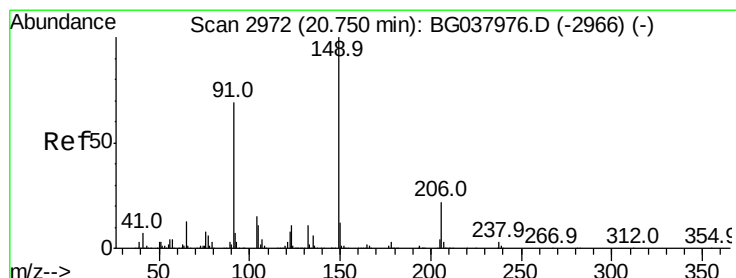
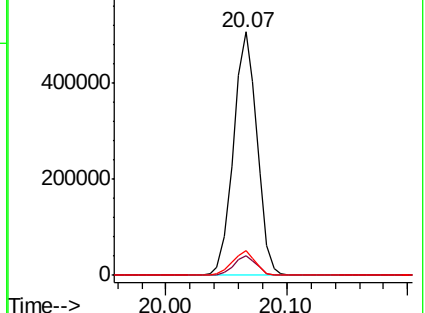
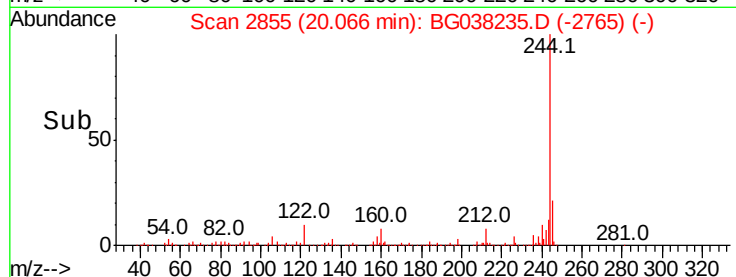
122 10.0 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 46.997 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

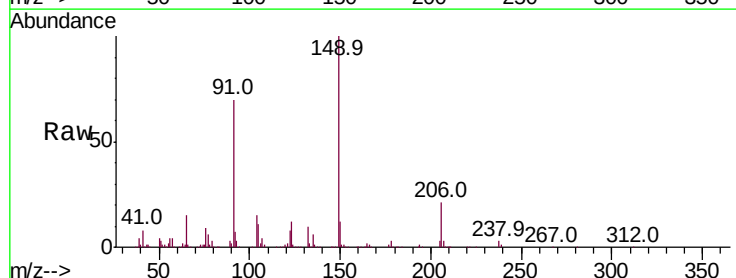
Tgt Ion:149 Resp: 283580

Ion Ratio Lower Upper

149 100

91 69.6 57.0 85.4

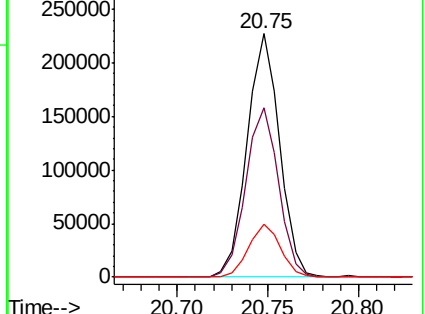
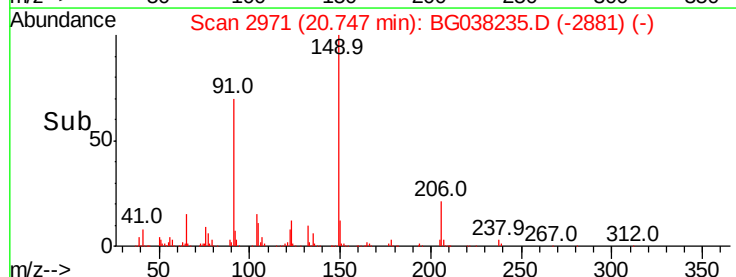
206 21.5 17.8 26.6

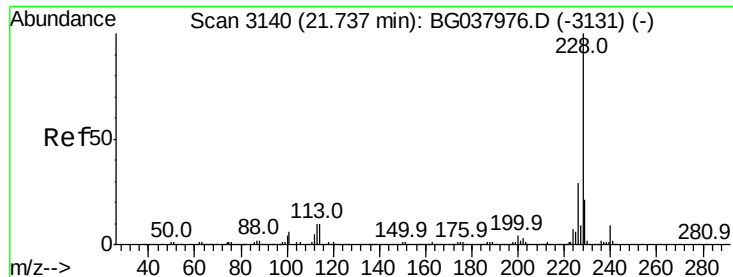


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 47.904 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

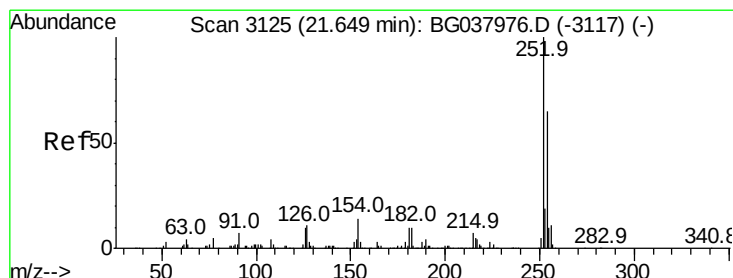
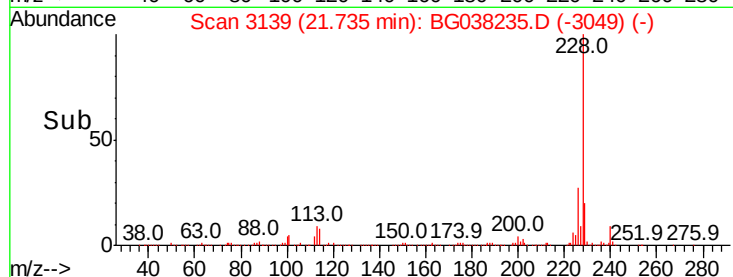
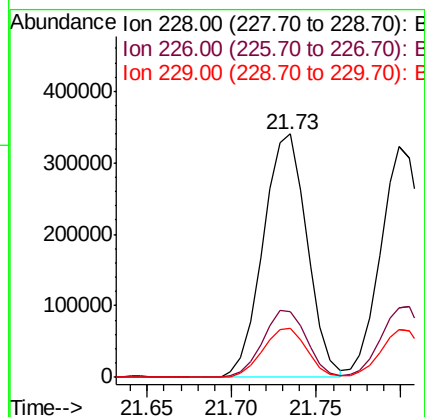
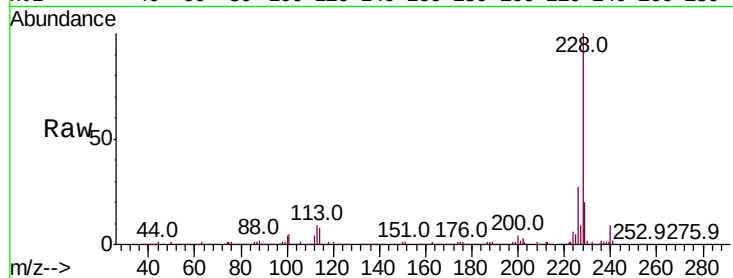
Tot Ion:228 Resp: 610933

Ion	Ratio	Lower	Upper
228	100		
226	26.8	22.6	33.8
229	20.0	16.3	24.5

228 100

226 26.8 22.6 33.8

229 20.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 34.429 ng

RT: 21.65 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

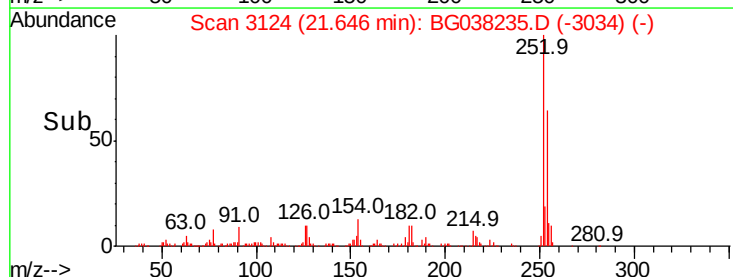
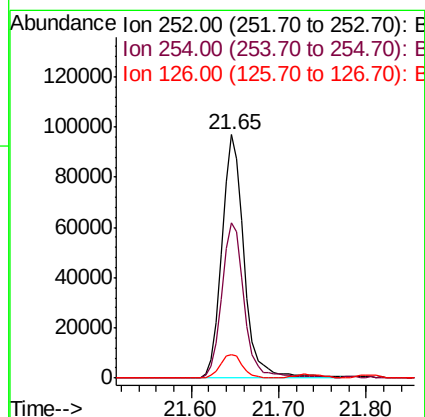
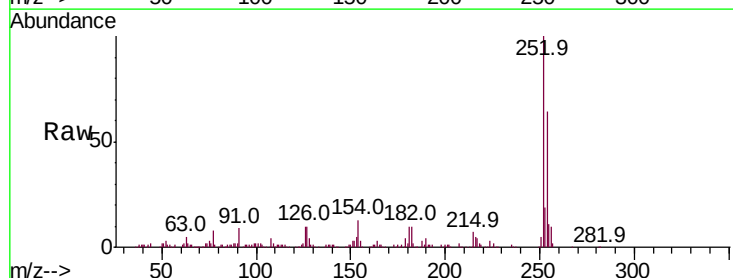
Tgt Ion:252 Resp: 171038

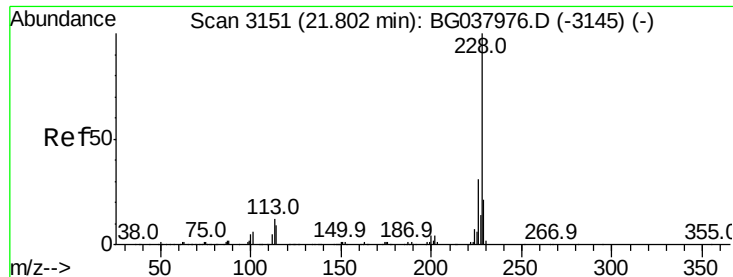
Ion	Ratio	Lower	Upper
252	100		
254	63.6	52.0	78.0
126	9.8	8.2	12.4

252 100

254 63.6 52.0 78.0

126 9.8 8.2 12.4





#83

Chrysene

Concen: 46.369 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

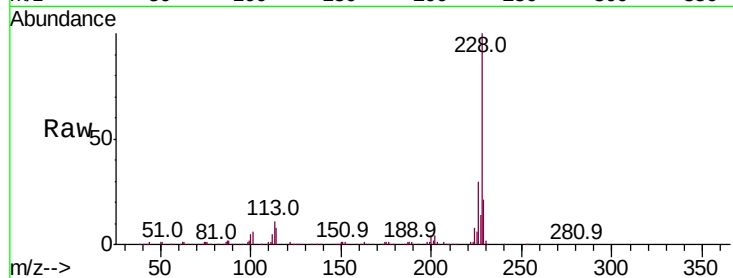
BNA_G

ClientSampleId :

PB115157BS

Tot Ion:228 Resp: 565799

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.7	38.5
229	20.7	16.5	24.7

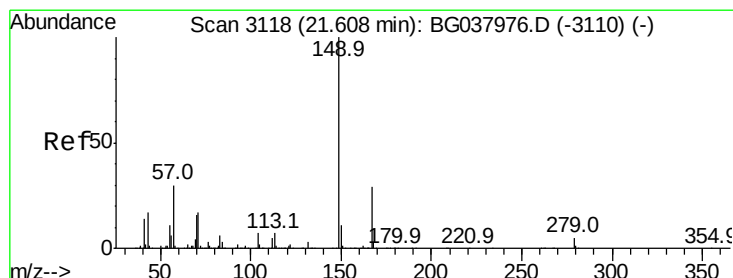
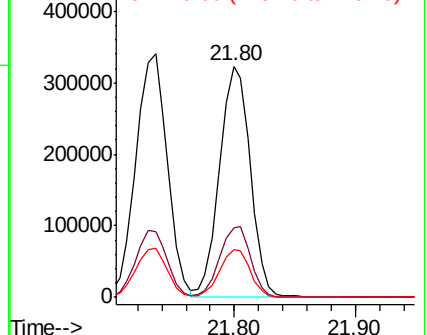
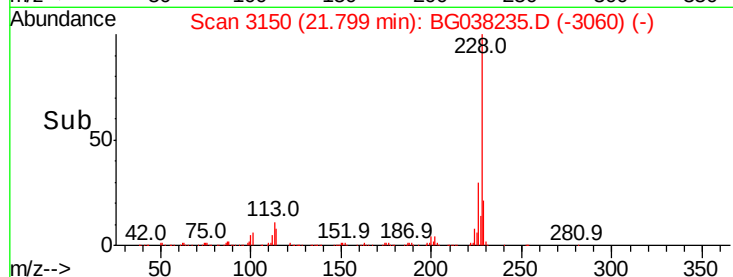


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.059 ng

RT: 21.60 min Scan# 3116

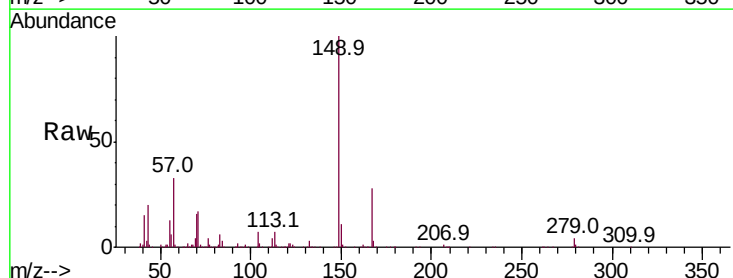
Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Tgt Ion:149 Resp: 396339

Ion	Ratio	Lower	Upper
149	100		
167	27.6	23.0	34.4
279	4.3	3.6	5.4

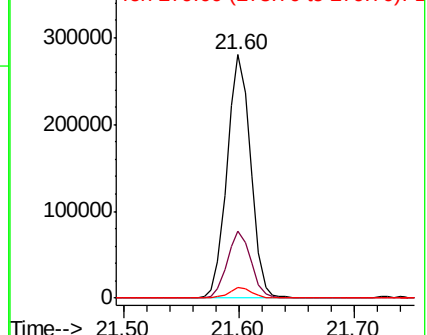
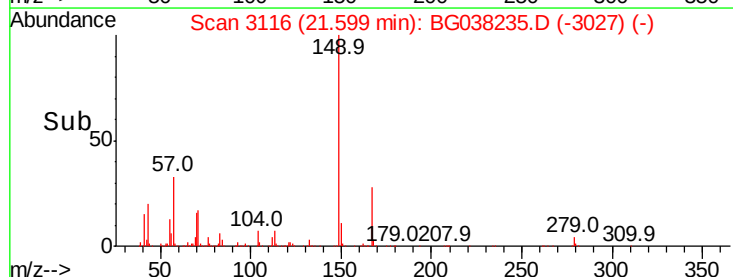


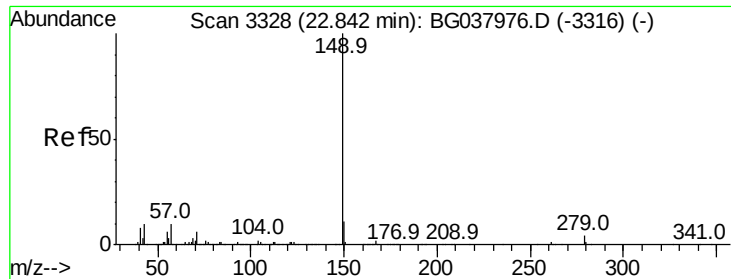
Abundance

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

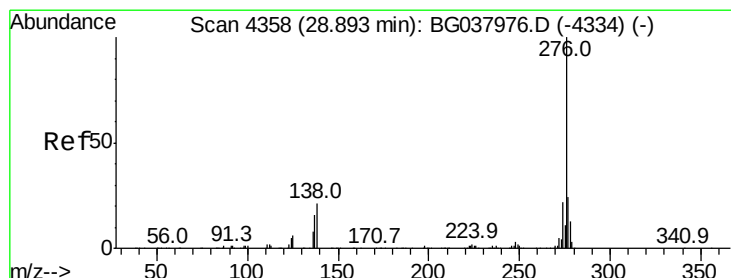
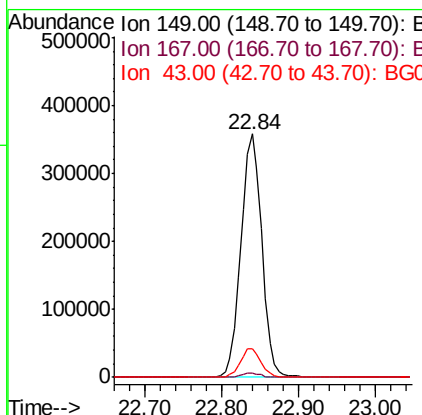
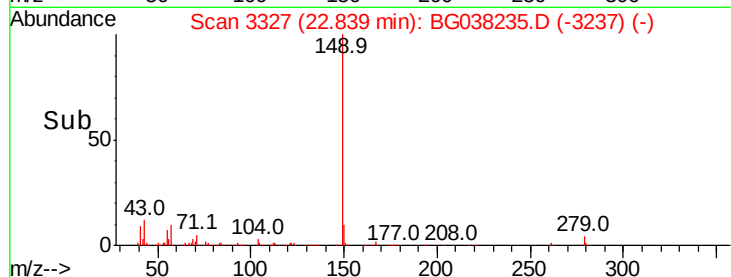
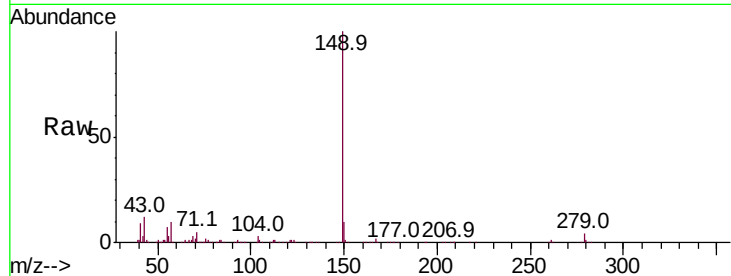




#85
Di-n-octyl phthalate
Concen: 48.964 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

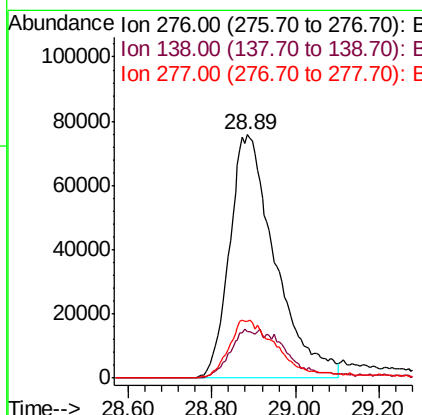
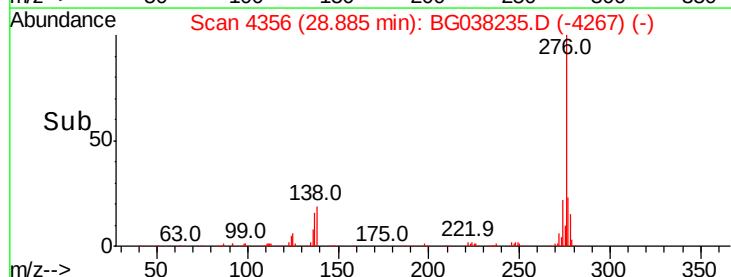
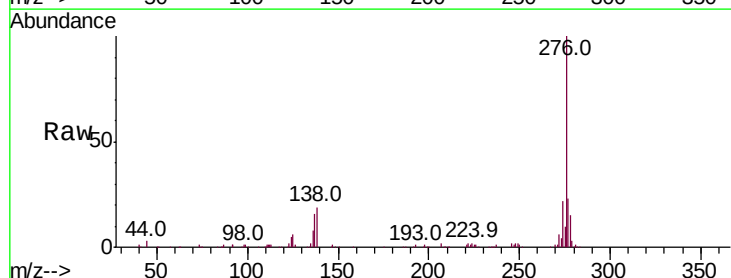
Instrument :
BNA_G
ClientSampleId :
PB115157BS

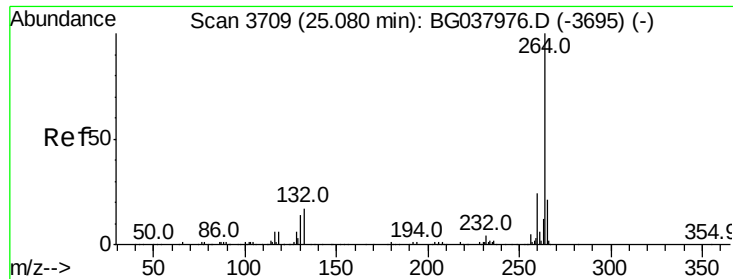
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.9	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.605 ng
RT: 28.89 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG038235.D
Acq: 29 Nov 2018 16:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.5	12.0	18.0#
277	24.7	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

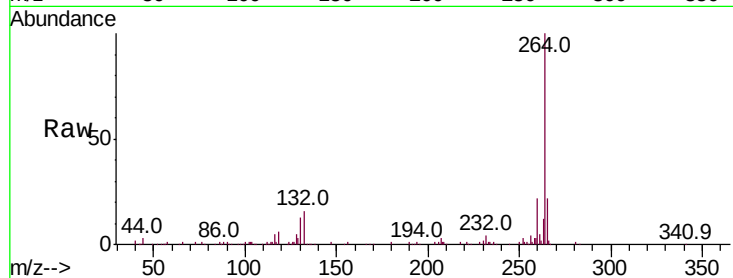
Tot Ion:264 Resp: 201609

Ion Ratio Lower Upper

264 100

260 22.3 18.2 27.4

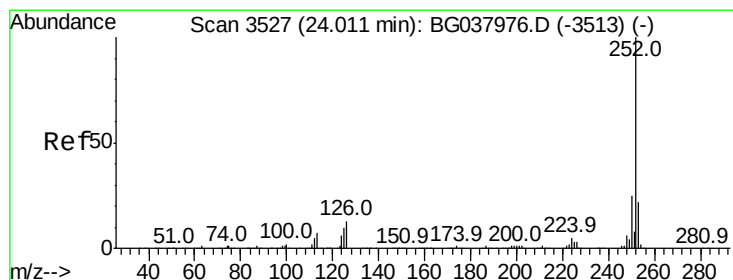
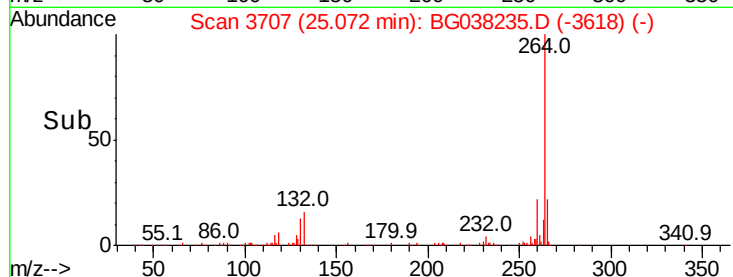
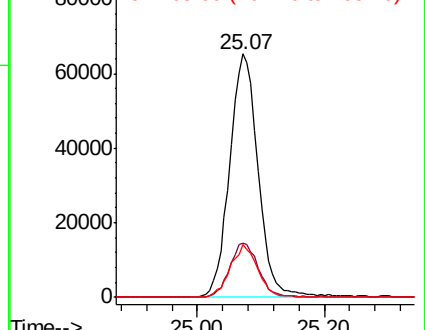
265 21.5 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.400 ng

RT: 24.01 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

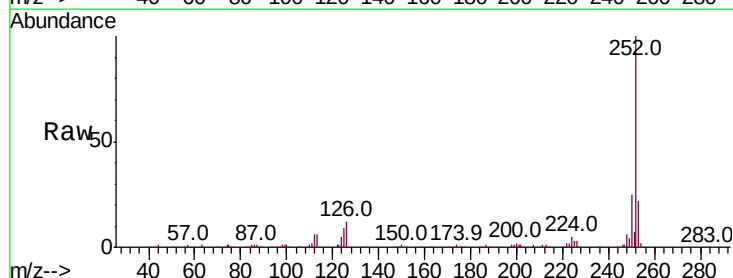
Tgt Ion:252 Resp: 603549

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

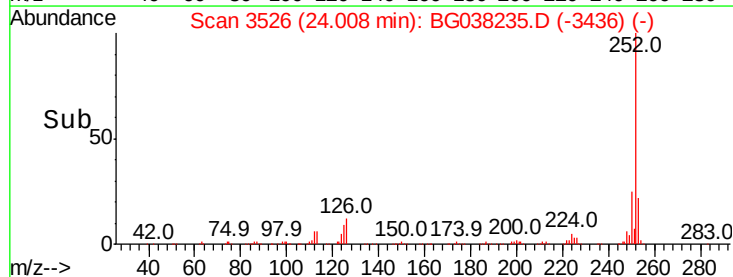
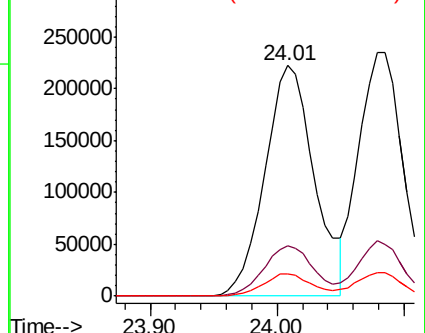
125 9.4 7.8 11.6

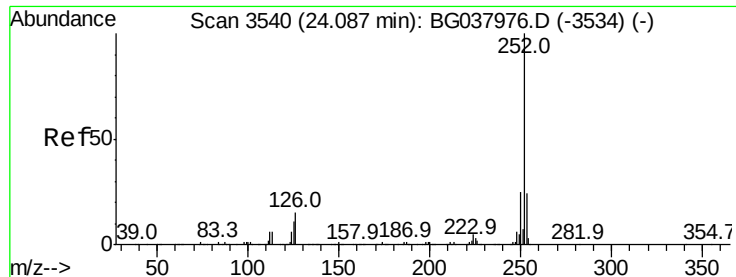


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.139 ng

RT: 24.08 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

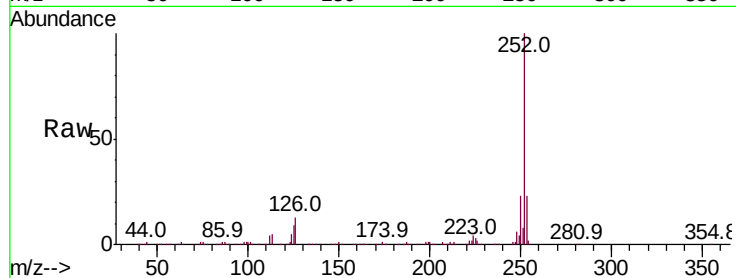
Tot Ion:252 Resp: 570799

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

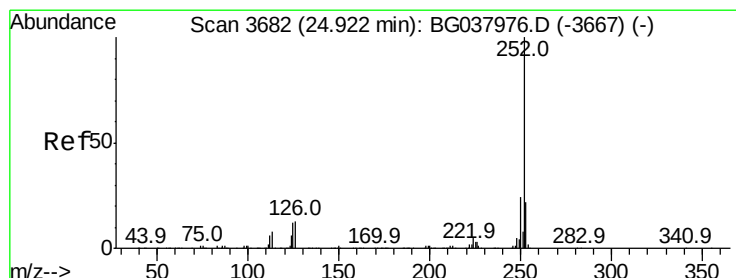
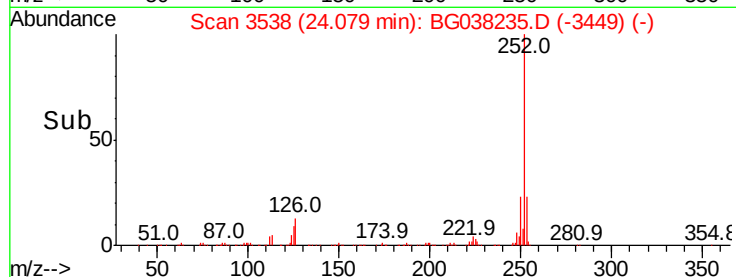
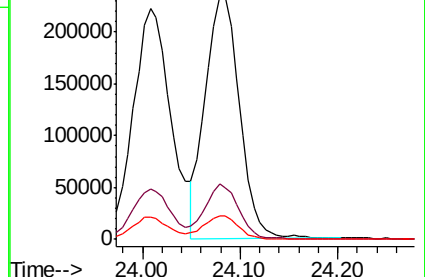
125 9.5 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 54.263 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

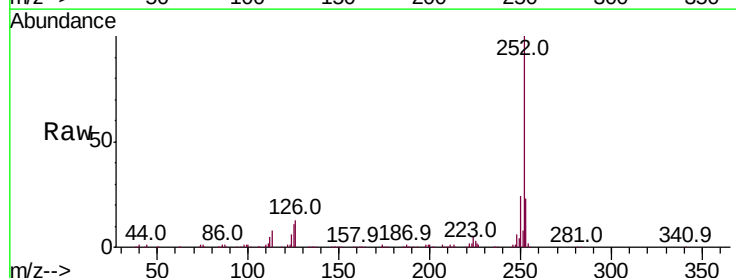
Tgt Ion:252 Resp: 575345

Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

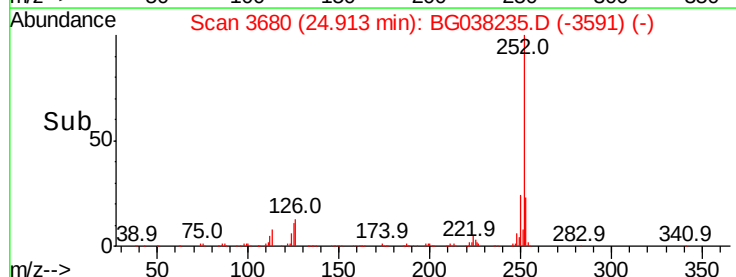
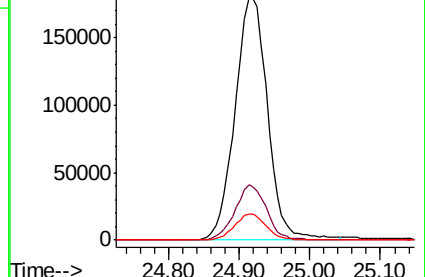
125 10.8 9.0 13.6

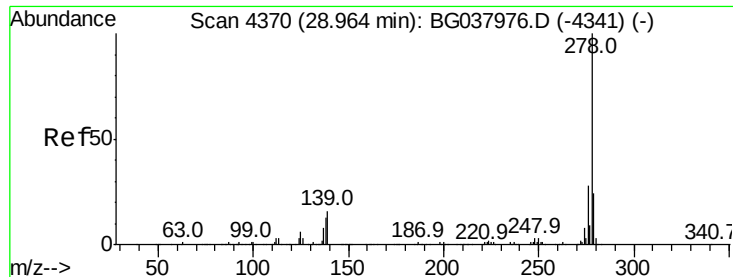


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.669 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

Instrument :

BNA_G

ClientSampleId :

PB115157BS

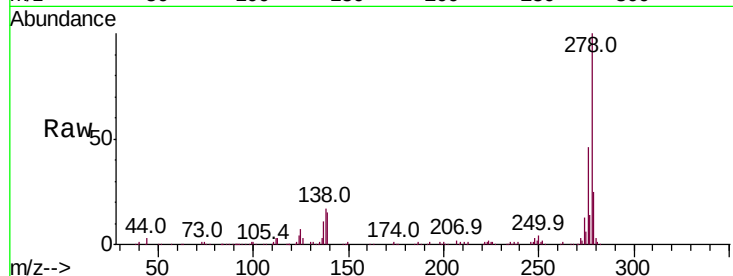
Tot Ion:278 Resp: 465907

Ion Ratio Lower Upper

278 100

139 15.1 11.5 17.3

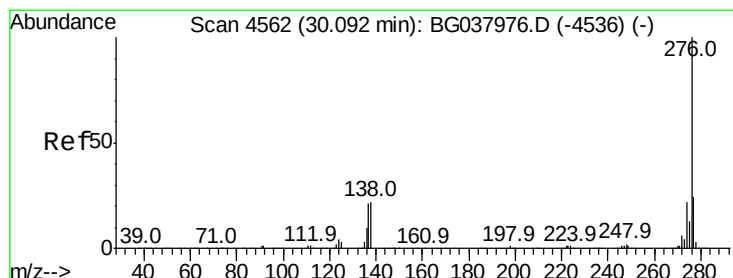
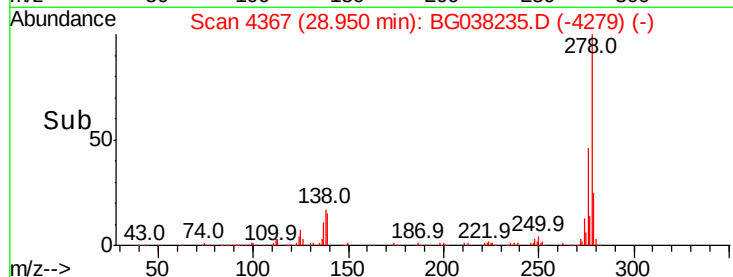
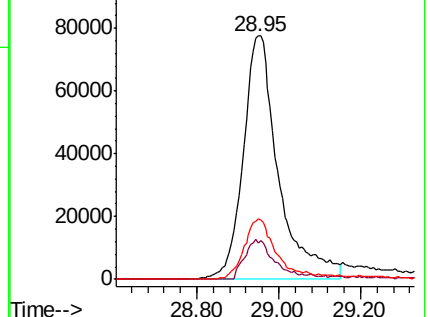
279 25.1 18.6 27.8



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



#92

Benzo(g,h,i)perylene

Concen: 45.843 ng

RT: 30.08 min Scan# 4560

Delta R.T. -0.01 min

Lab File: BG038235.D

Acq: 29 Nov 2018 16:24

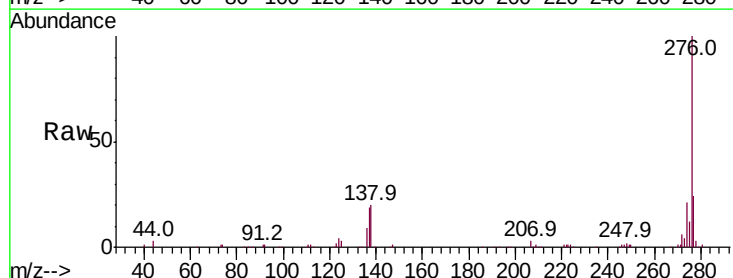
Tgt Ion:276 Resp: 465025

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 19.6 17.2 25.8



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

