

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038782.D
 Acq On : 21 Dec 2018 11:26
 Operator : JU/SJ
 Sample : PB115836BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BS

Quant Time: Dec 21 12:19:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22877	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	95934	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	65932	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	172561	20.00	ng	0.00
76) Chrysene-d12	21.73	240	168681	20.00	ng	0.00
87) Perylene-d12	25.02	264	182946	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	162700	126.14	ng	0.00
7) Phenol-d6	7.21	99	219460	123.94	ng	0.00
23) Nitrobenzene-d5	9.24	82	116638	62.11	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	120602	132.72	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	305181	63.50	ng	0.00
79) Terphenyl-d14	20.05	244	644564	83.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21217	35.344	ng	98
3) Pyridine	3.89	79	53413	32.317	ng	97
4) n-Nitrosodimethylamine	3.82	42	32830	40.540	ng	87
6) Aniline	7.38	93	73336	32.444	ng	98
8) 2-Chlorophenol	7.62	128	68800	46.093	ng	99
9) Benzaldehyde	7.20	77	20816	18.122	ng	98
10) Phenol	7.24	94	87817	46.682	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	55990	37.384	ng	94
12) 1,3-Dichlorobenzene	7.94	146	72479	41.068	ng	96
13) 1,4-Dichlorobenzene	8.10	146	72925	40.346	ng	93
14) 1,2-Dichlorobenzene	8.41	146	70605	41.435	ng	96
15) Benzyl Alcohol	8.30	79	61478	44.482	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	121132	35.306	ng	96
17) 2-Methylphenol	8.50	107	58983	46.799	ng	95
18) Hexachloroethane	9.14	117	25774	39.023	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	49108	39.488	ng	99
20) 3+4-Methylphenols	8.83	107	81738	46.959	ng	97
22) Acetophenone	8.89	105	99015	41.321	ng	96
24) Nitrobenzene	9.28	77	77409	40.748	ng	99
25) Isophorone	9.79	82	139256	41.274	ng	99
26) 2-Nitrophenol	9.99	139	41325	42.502	ng	92
27) 2,4-Dimethylphenol	10.03	122	72034	51.694	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	78839	41.406	ng	98
29) 2,4-Dichlorophenol	10.52	162	76270	49.200	ng	99
30) 1,2,4-Trichlorobenzene	10.73	180	79811	42.623	ng	93
31) Naphthalene	10.93	128	214284	45.334	ng	98
32) Benzoic acid	10.19	122	33290	39.811	ng	97
33) 4-Chloroaniline	11.05	127	50964	24.835	ng	96
34) Hexachlorobutadiene	11.19	225	52184	41.186	ng	95
35) Caprolactam	11.83	113	26104	40.689	ng	# 79
36) 4-Chloro-3-methylphenol	12.16	107	80137	45.300	ng	92
37) 2-Methylnaphthalene	12.53	142	163114	48.371	ng	97
38) 1-Methylnaphthalene	12.74	142	155289	47.457	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	97928	39.735	ng	99

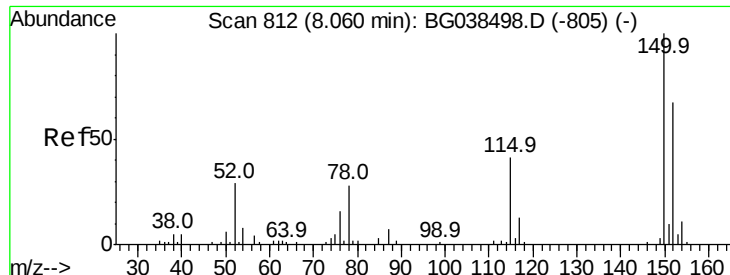
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116517	86.054	nq	93
43) 2,4,6-Trichlorophenol	13.13	196	70257	46.364	nq	98
44) 2,4,5-Trichlorophenol	13.21	196	76255	47.529	nq	98
46) 1,1'-Biphenyl	13.53	154	217140	39.286	nq	99
47) 2-Chloronaphthalene	13.58	162	177110	41.483	nq	96
48) 2-Nitroaniline	13.79	65	57550	42.318	nq	92
49) Acenaphthylene	14.42	152	289505	45.358	nq	100
50) Dimethylphthalate	14.15	163	234532	43.559	nq	100
51) 2,6-Dinitrotoluene	14.28	165	51733	42.399	nq	96
52) Acenaphthene	14.76	154	165754	43.429	nq	97
53) 3-Nitroaniline	14.61	138	40116	32.253	nq	92
54) 2,4-Dinitrophenol	14.82	184	54239	75.052	nq	98
55) Dibenzofuran	15.09	168	282528	43.185	nq	97
56) 4-Nitrophenol	14.92	139	79458	84.209	nq	98
57) 2,4-Dinitrotoluene	15.06	165	77350	45.009	nq	91
58) Fluorene	15.75	166	230059	47.463	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70588	48.902	nq	99
60) Diethylphthalate	15.50	149	243191	41.144	nq	98
61) 4-Chlorophenyl-phenylether	15.73	204	129142	42.702	nq	97
62) 4-Nitroaniline	15.78	138	57398	44.824	nq	97
63) Azobenzene	16.02	77	202417	40.994	nq	97
65) 4,6-Dinitro-2-methylphenol	15.82	198	46284	37.600	nq	94
66) n-Nitrosodiphenylamine	15.95	169	211700	41.754	nq	97
67) 4-Bromophenyl-phenylether	16.62	248	87294	41.421	nq	99
68) Hexachlorobenzene	16.74	284	92463	42.324	nq	97
69) Atrazine	16.89	200	89117	47.362	nq	95
70) Pentachlorophenol	17.09	266	96663	74.806	nq	99
71) Phenanthrene	17.48	178	404033	45.151	nq	100
72) Anthracene	17.58	178	415663	47.053	nq	99
73) Carbazole	17.85	167	365866	41.877	nq	99
74) Di-n-butylphthalate	18.38	149	434089	43.301	nq	99
75) Fluoranthene	19.49	202	491152	44.361	nq	97
77) Benzidine	19.68	184	220278	44.156	nq	100
78) Pyrene	19.86	202	493137	44.253	nq	99
80) Butylbenzylphthalate	20.72	149	184458	42.369	nq	98
81) Benzo(a)anthracene	21.70	228	465131	45.253	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	123844	30.380	nq	98
83) Chrysene	21.77	228	435565	43.995	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	255636	41.401	nq	98
85) Di-n-octyl phthalate	22.80	149	433536	41.924	nq	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	512808	44.058	nq	# 59
88) Benzo(b)fluoranthene	23.97	252	464911	46.285	nq	98
89) Benzo(k)fluoranthene	24.04	252	456507	45.641	nq	97
90) Benzo(a)pyrene	24.87	252	456072	47.065	nq	# 98
91) Dibenzo(a,h)anthracene	28.87	278	435544	45.142	nq	99
92) Benzo(g,h,i)perylene	30.01	276	420629	44.237	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

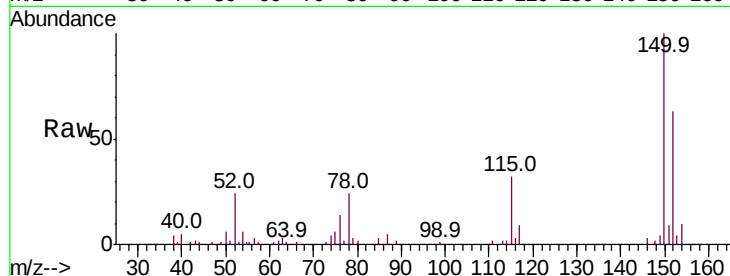
Tot Ion:152 Resp: 22877

Ion Ratio Lower Upper

152 100

150 157.8 119.5 179.3

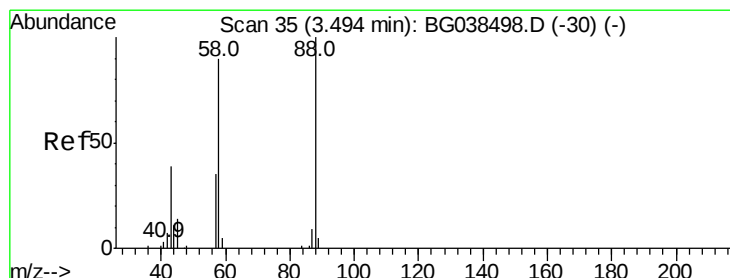
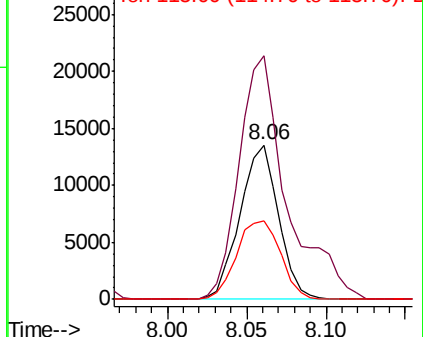
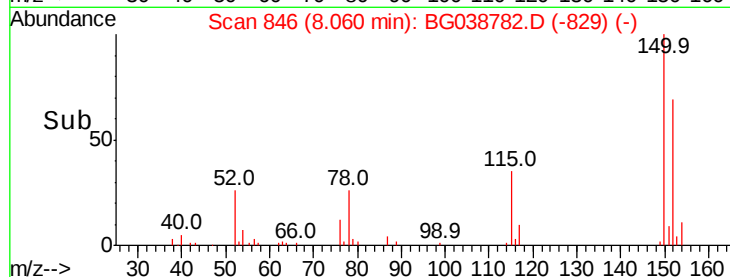
115 50.6 49.6 74.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 35.344 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

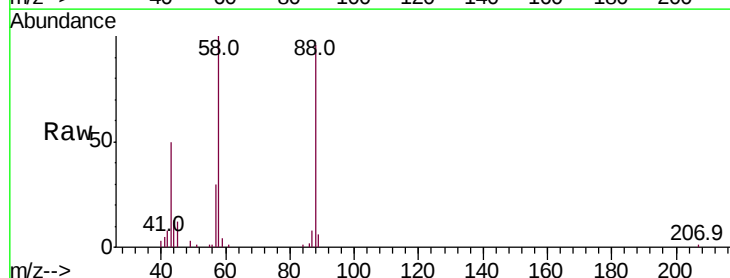
Tgt Ion: 88 Resp: 21217

Ion Ratio Lower Upper

88 100

58 94.9 75.7 113.5

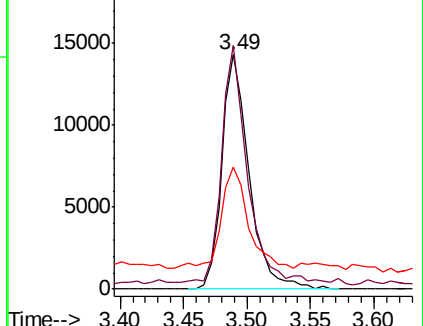
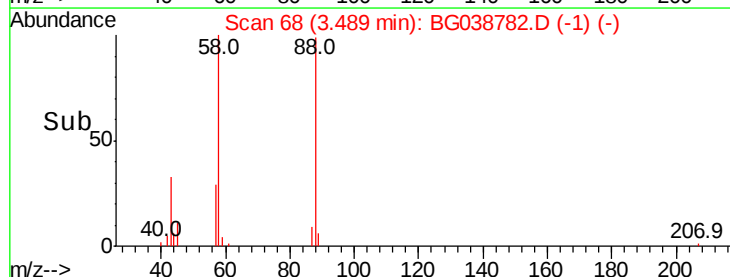
43 43.7 31.6 47.4

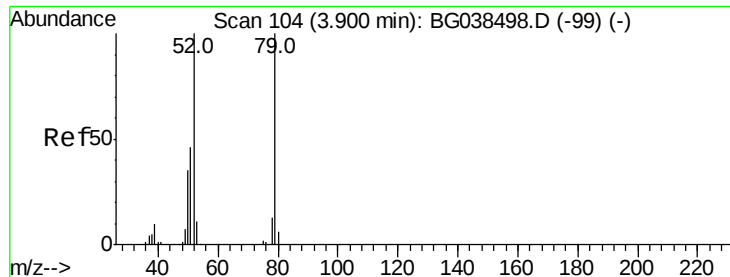


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

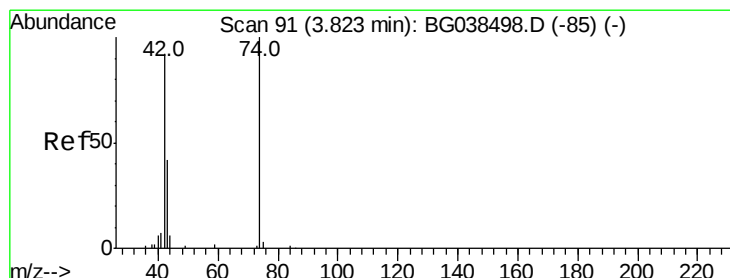
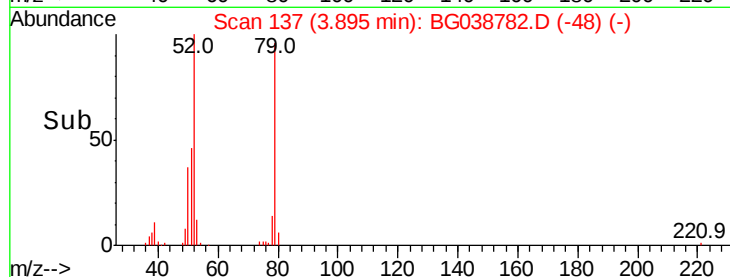
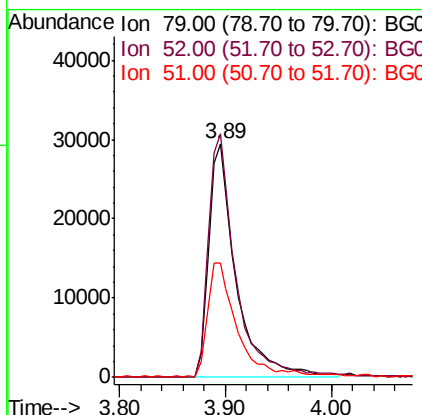
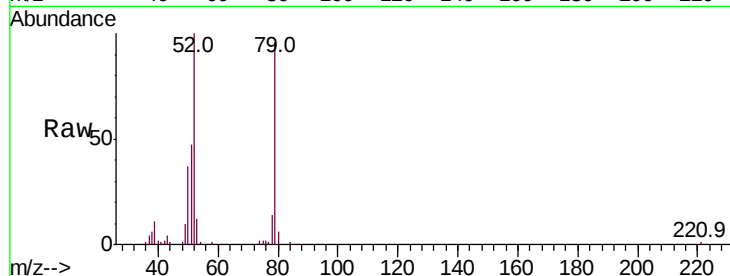




#3
 Pvridine
 Concen: 32.317 ng
 RT: 3.89 min Scan# 137
 Delta R.T. -0.01 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

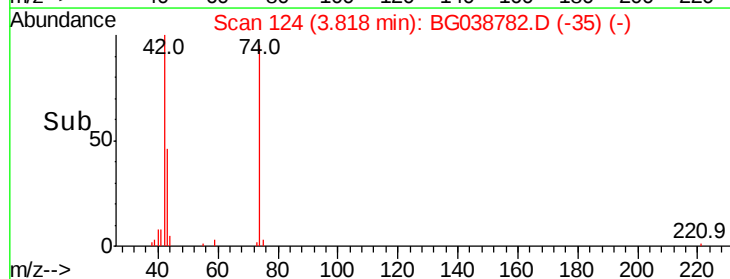
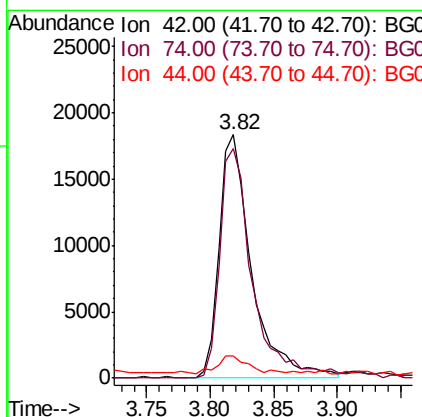
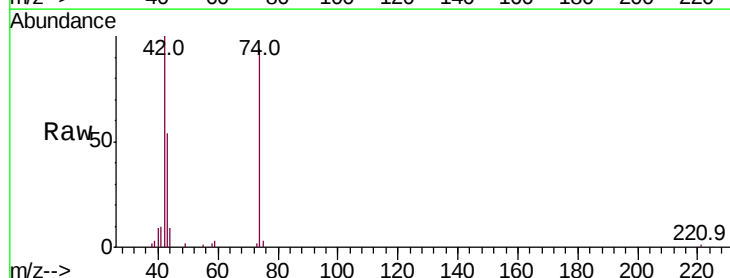
Instrument :
 BNA_G
 ClientSampleId :
 PB115836BS

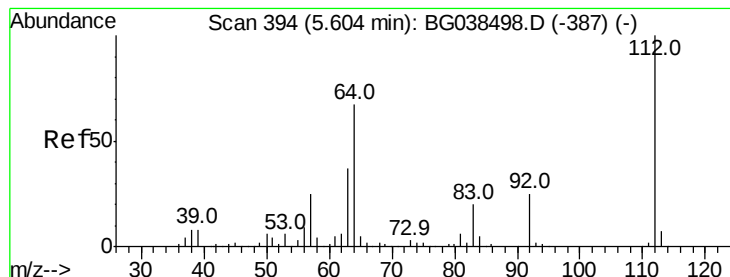
Tot Ion: 79 Resp: 53413
 Ion Ratio Lower Upper
 79 100
 52 104.3 80.2 120.2
 51 49.0 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 40.540 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.01 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Tgt Ion: 42 Resp: 32830
 Ion Ratio Lower Upper
 42 100
 74 94.2 86.7 130.1
 44 9.4 7.8 11.8





#5

2-Fluorophenol

Concen: 126.141 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

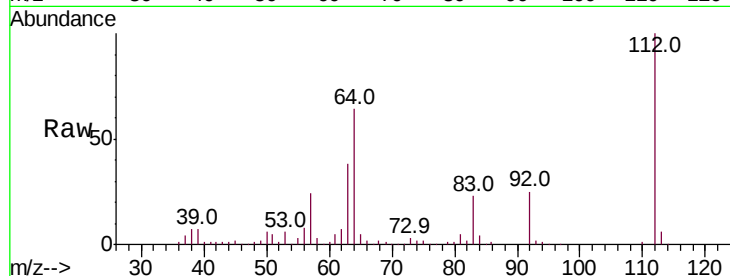
Tot Ion:112 Resp: 162700

Ion Ratio Lower Upper

112 100

64 63.9 53.4 80.2

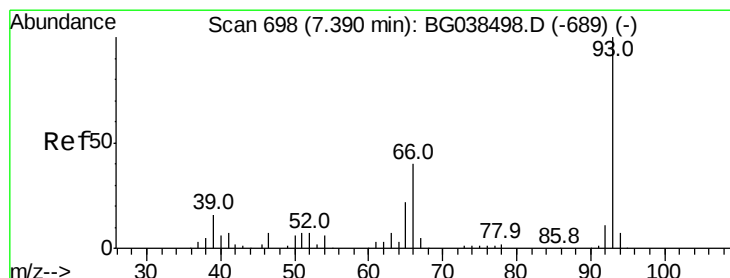
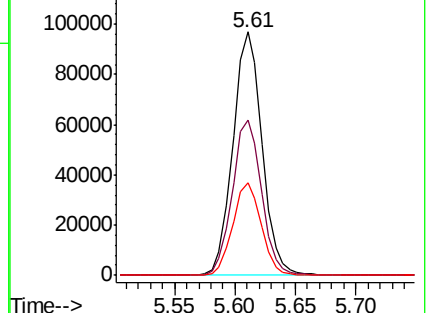
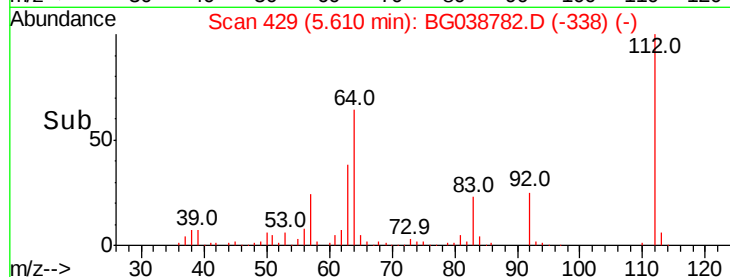
63 38.1 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.444 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

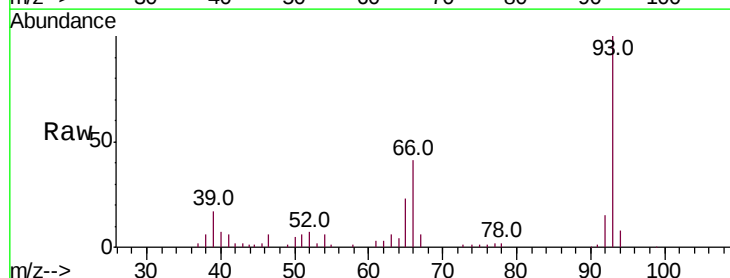
Tgt Ion: 93 Resp: 73336

Ion Ratio Lower Upper

93 100

66 41.4 31.7 47.5

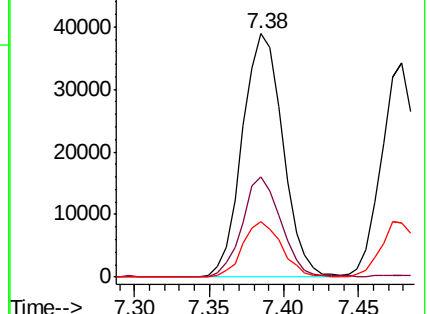
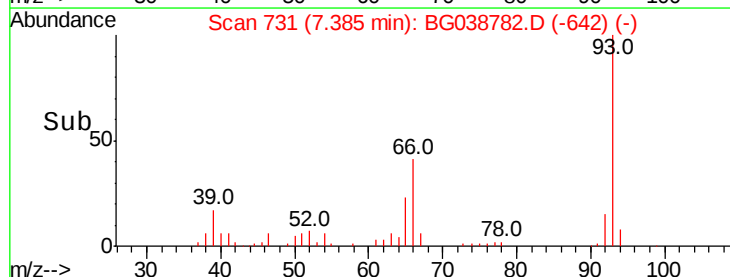
65 22.6 17.8 26.6

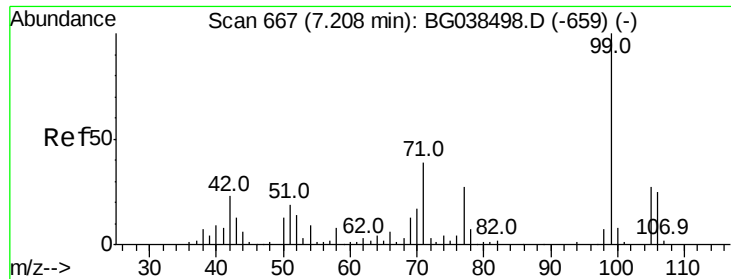


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.941 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

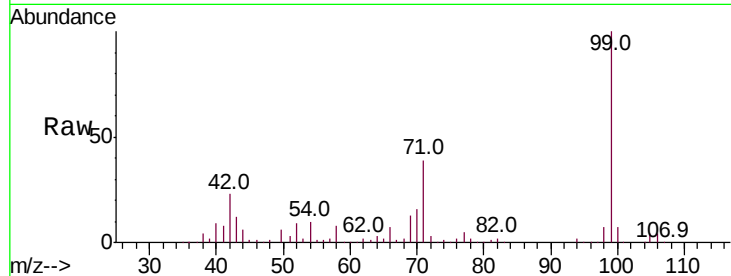
Tot Ion: 99 Resp: 219460

Ion Ratio Lower Upper

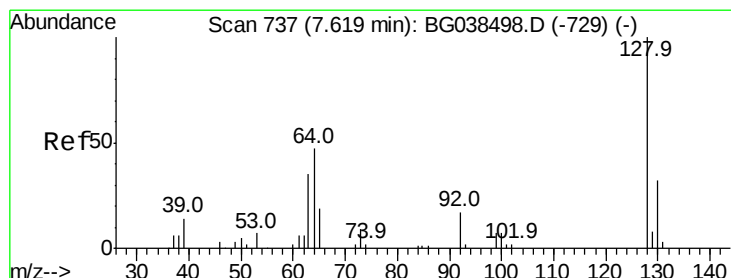
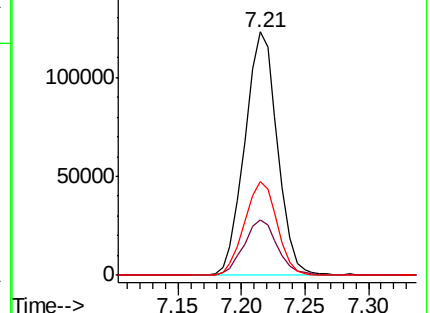
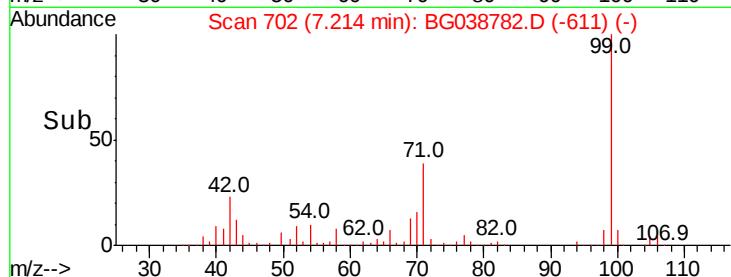
99 100

42 22.8 18.5 27.7

71 38.6 31.1 46.7



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: 46.093 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

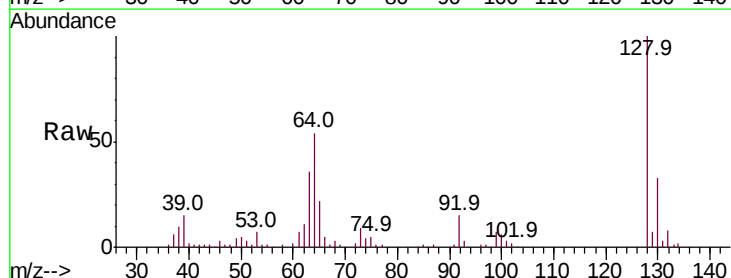
Tgt Ion: 128 Resp: 68800

Ion Ratio Lower Upper

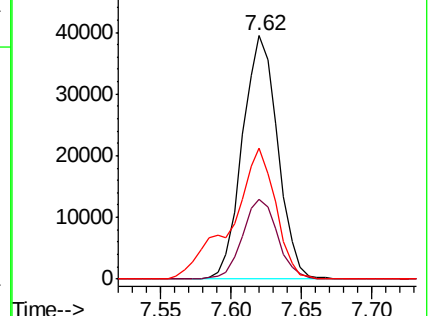
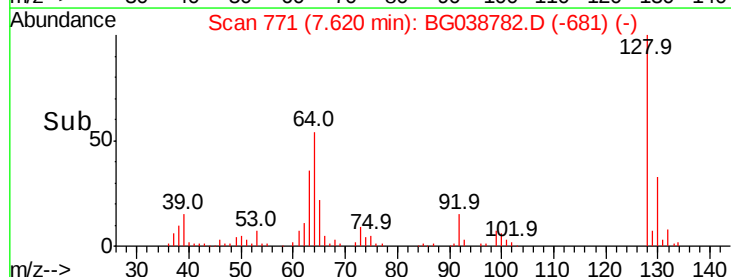
128 100

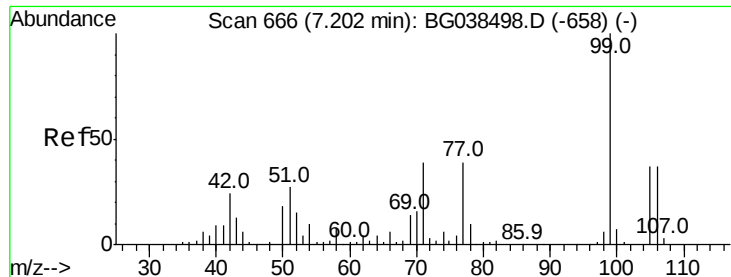
130 33.0 11.8 51.8

64 53.6 33.2 73.2



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





#9

Benzaldehyde

Concen: 18.122 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

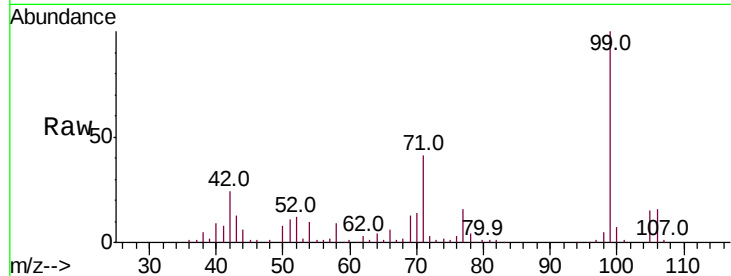
Tot Ion: 77 Resp: 20816

Ion Ratio Lower Upper

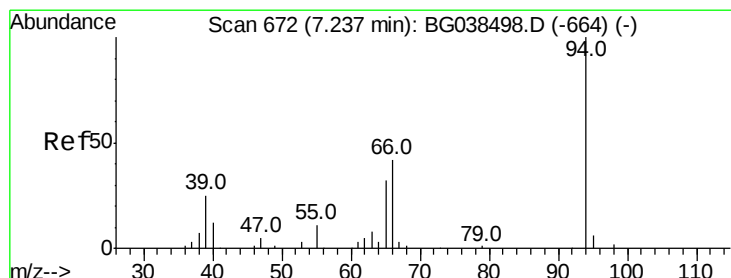
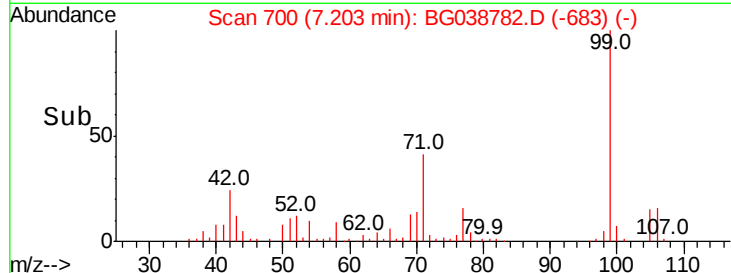
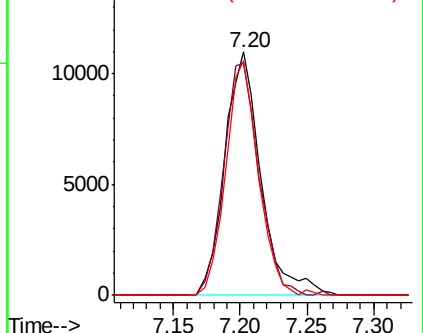
77 100

105 95.1 74.0 114.0

106 96.3 73.9 113.9



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: 46.682 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

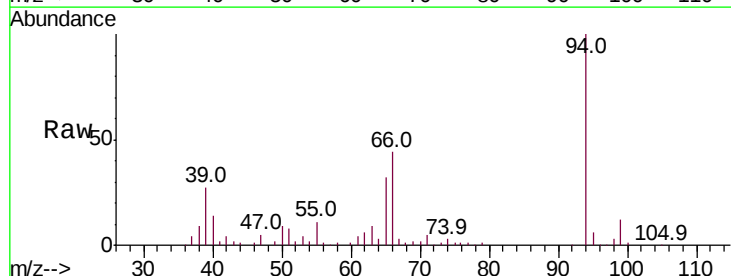
Tgt Ion: 94 Resp: 87817

Ion Ratio Lower Upper

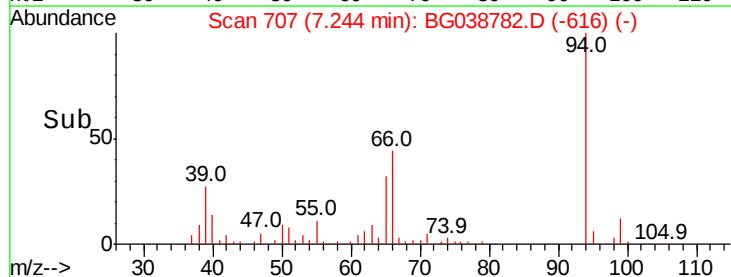
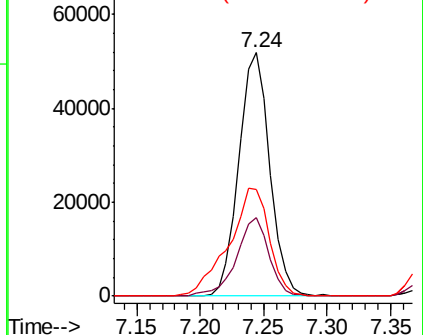
94 100

65 32.3 12.6 52.6

66 43.7 24.1 64.1



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

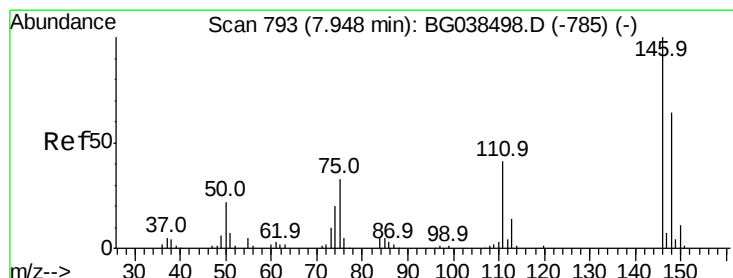
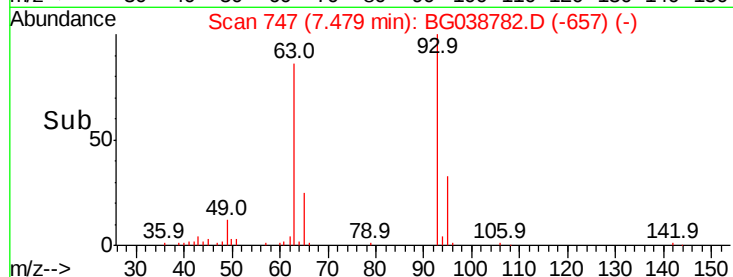
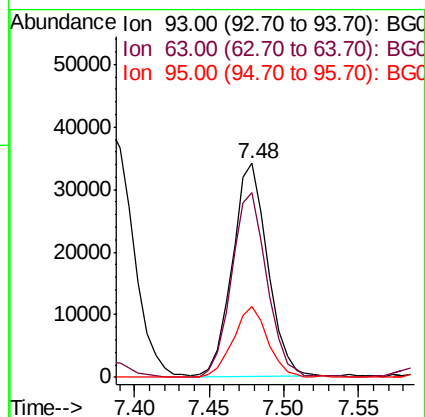
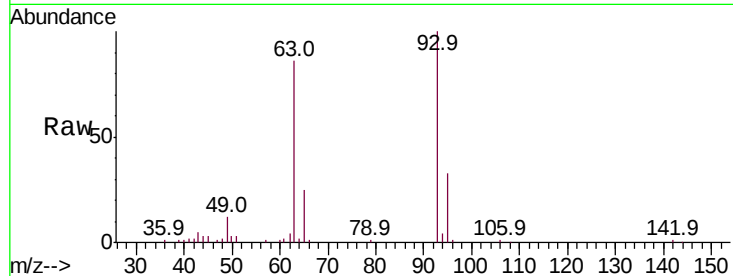




#11
bis(2-Chloroethyl)ether
Concen: 37.384 ng
RT: 7.48 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

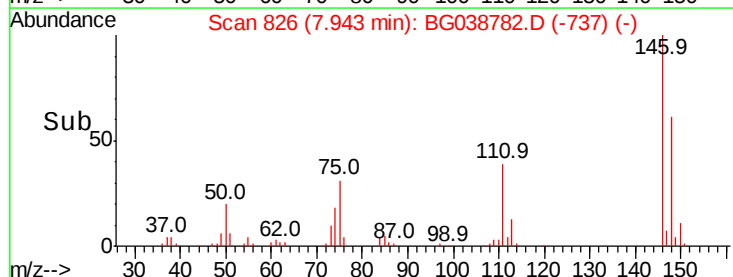
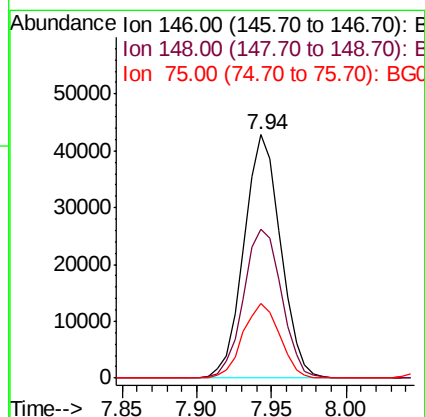
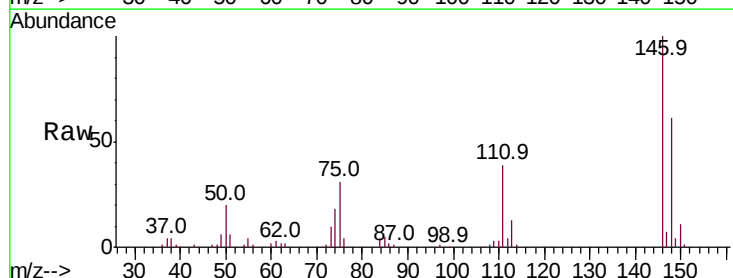
Instrument :
BNA_G
ClientSampleId :
PB115836BS

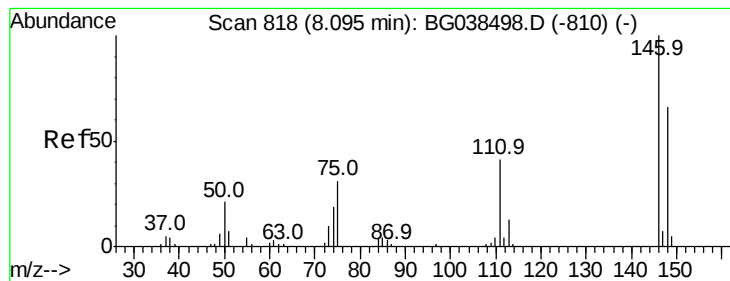
Tot Ion: 93 Resp: 55990
Ion Ratio Lower Upper
93 100
63 86.3 72.2 112.2
95 33.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 41.068 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion: 146 Resp: 72479
Ion Ratio Lower Upper
146 100
148 61.4 51.4 77.0
75 30.6 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 40.346 ng

RT: 8.10 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

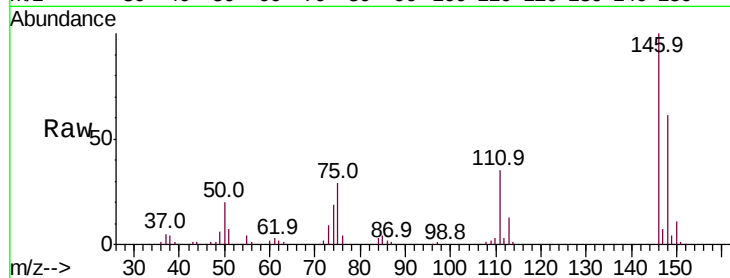
Tot Ion:146 Resp: 72925

Ion Ratio Lower Upper

146 100

148 61.3 52.4 78.6

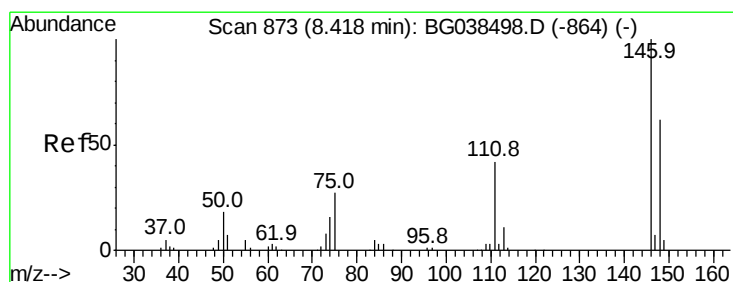
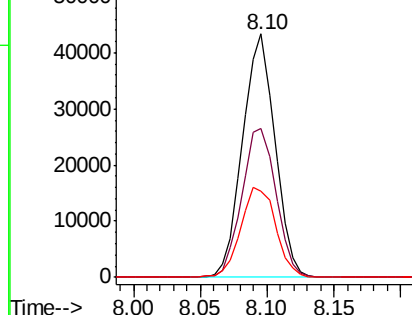
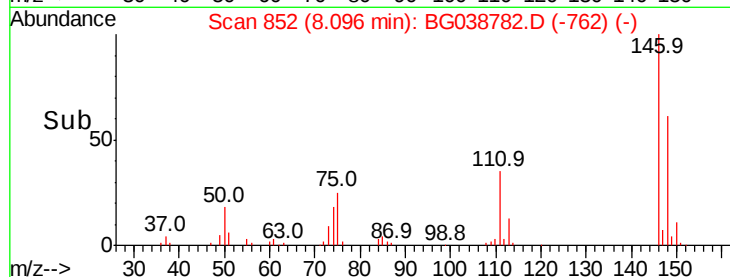
111 35.2 33.0 49.4



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: 41.435 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

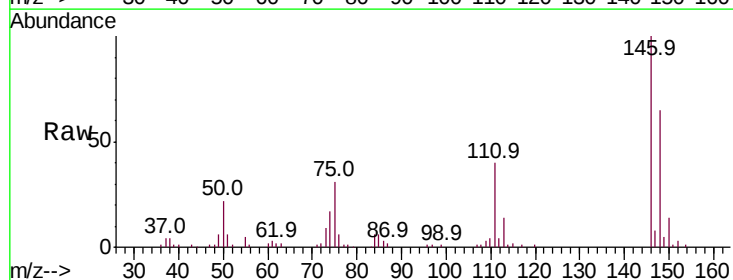
Tgt Ion:146 Resp: 70605

Ion Ratio Lower Upper

146 100

148 64.5 49.4 74.0

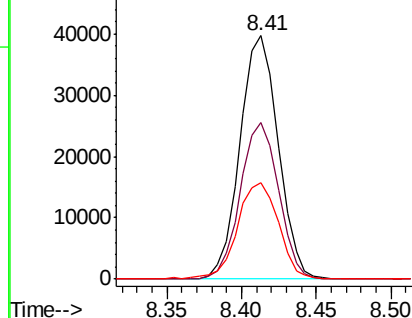
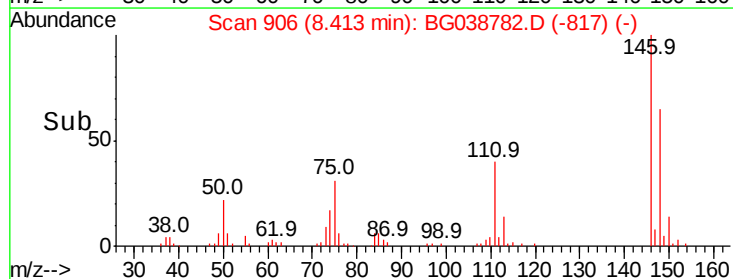
111 39.9 33.8 50.6

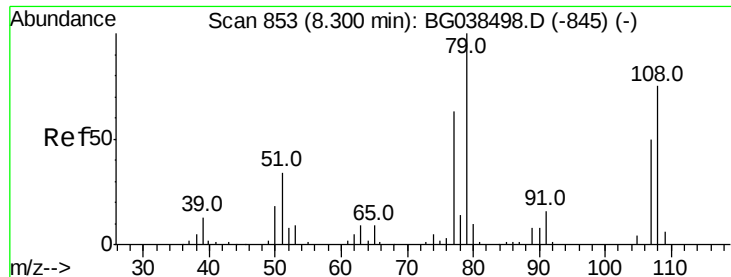


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.482 ng

RT: 8.30 min Scan# 887

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

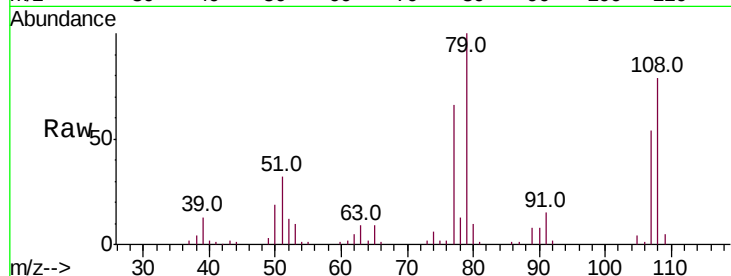
Tot Ion: 79 Resp: 61478

Ion Ratio Lower Upper

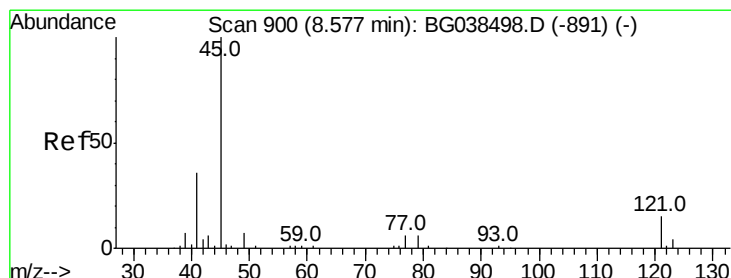
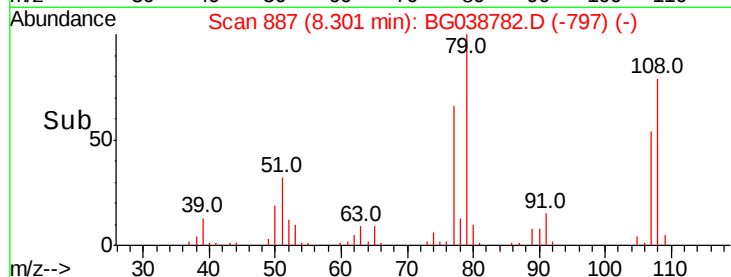
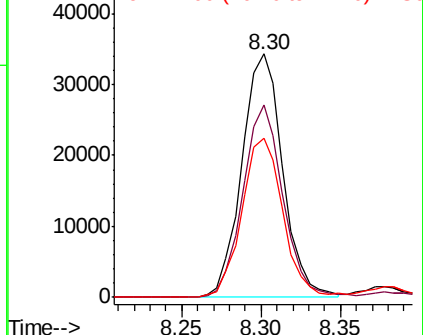
79 100

108 79.3 60.2 90.4

77 65.6 50.7 76.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.306 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

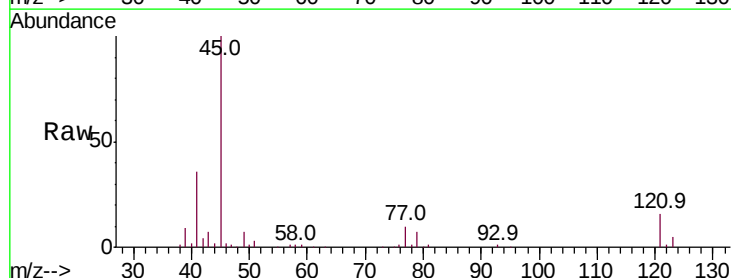
Tgt Ion: 45 Resp: 121132

Ion Ratio Lower Upper

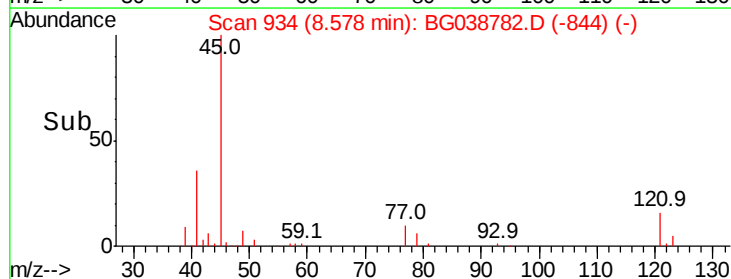
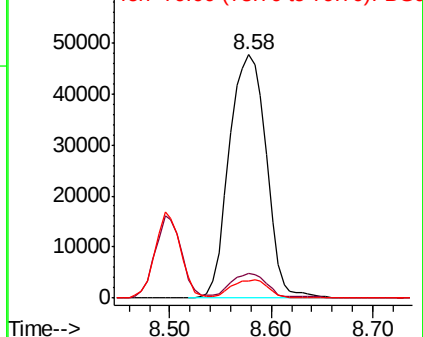
45 100

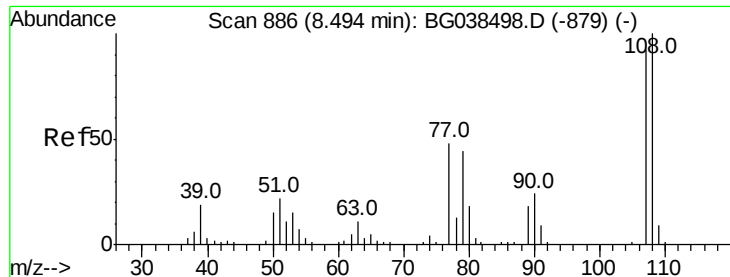
77 10.4 0.0 28.2

79 6.9 0.0 27.2



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

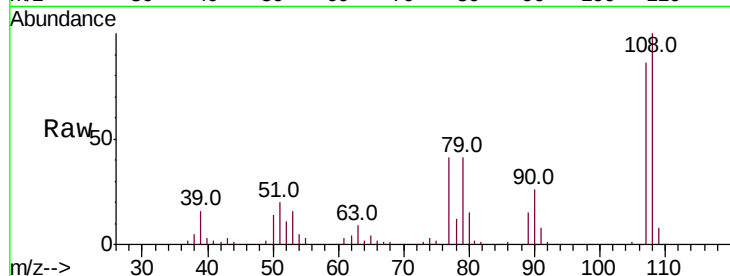




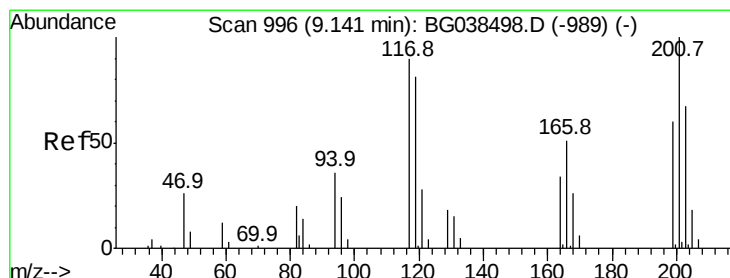
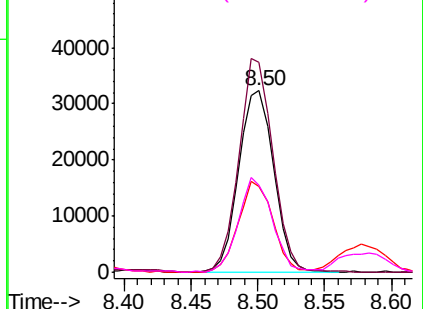
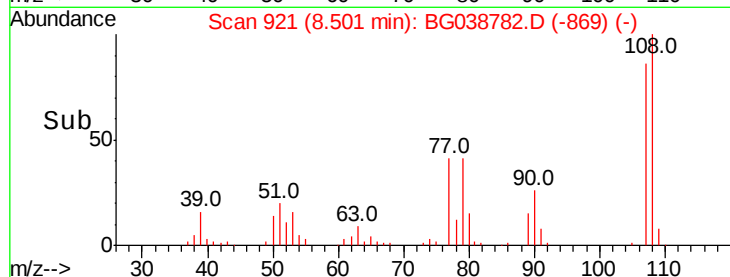
#17
2-Methylphenol
Concen: 46.799 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion:107 Resp: 58983
Ion Ratio Lower Upper
107 100
108 115.7 87.1 130.7
77 47.4 42.0 63.0
79 48.0 38.2 57.2

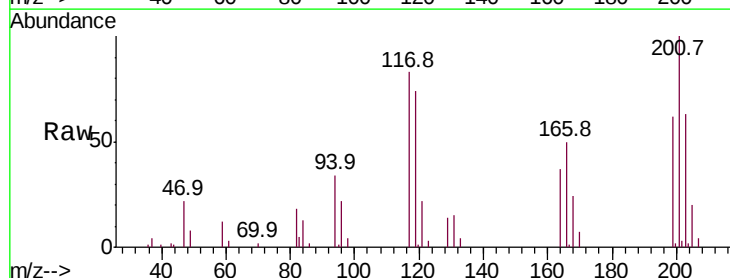


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

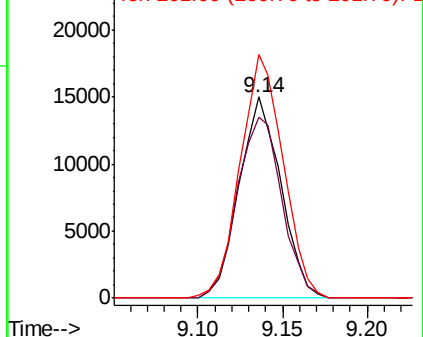
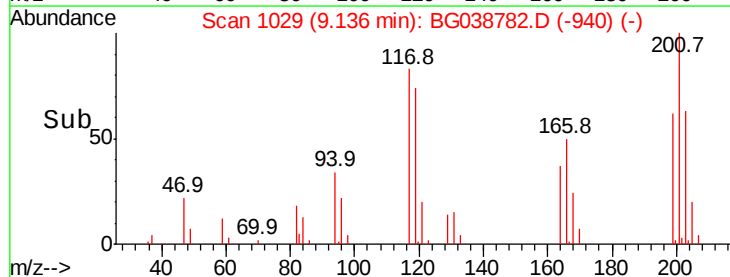


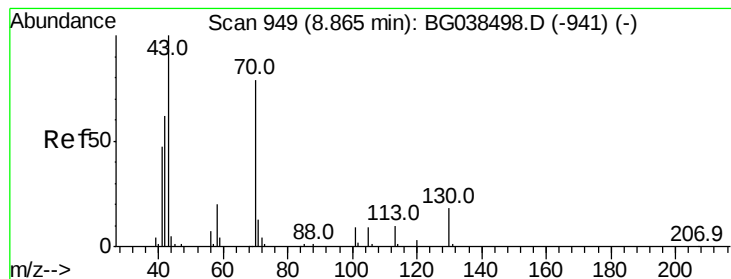
#18
Hexachloroethane
Concen: 39.023 ng
RT: 9.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:117 Resp: 25774
Ion Ratio Lower Upper
117 100
119 90.1 73.8 110.8
201 124.7 89.4 134.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.488 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

Tot Ion: 70 Resp: 49108

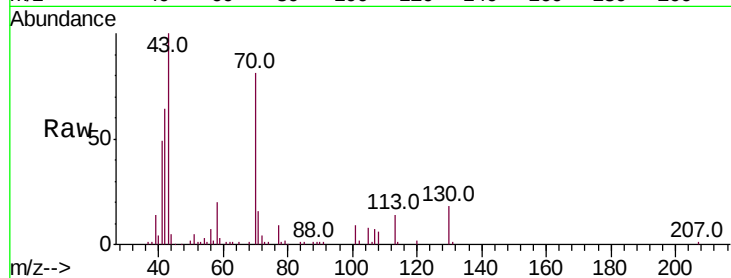
Ion Ratio Lower Upper

70 100

42 78.3 63.6 95.4

101 11.4 9.2 13.8

130 22.5 18.5 27.7

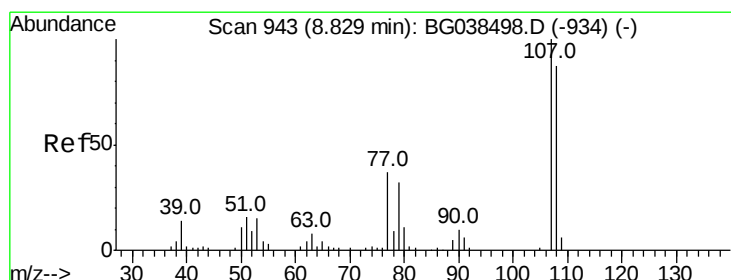
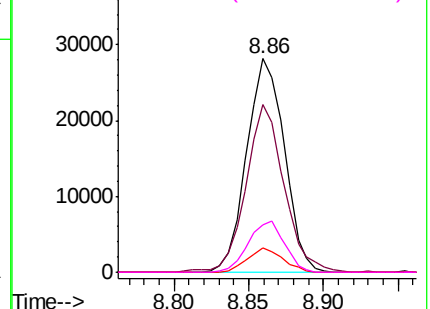
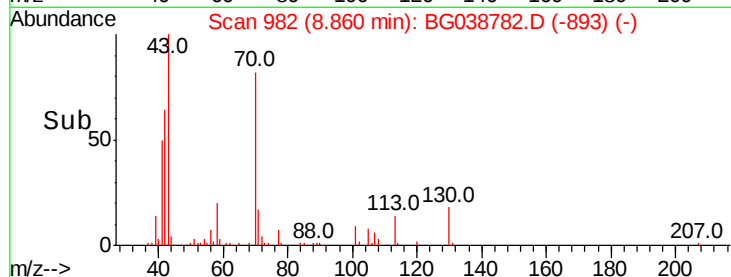


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 46.959 ng

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Tgt Ion: 107 Resp: 81738

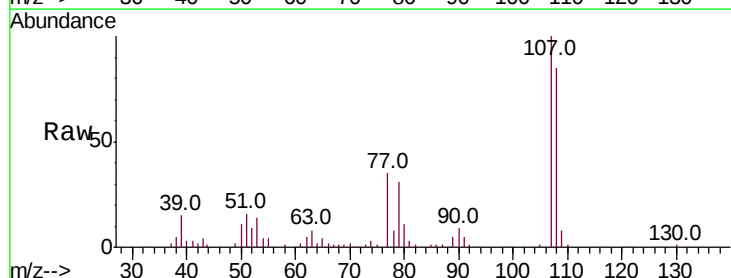
Ion Ratio Lower Upper

107 100

108 84.5 66.7 106.7

77 35.5 17.3 57.3

79 31.0 12.3 52.3

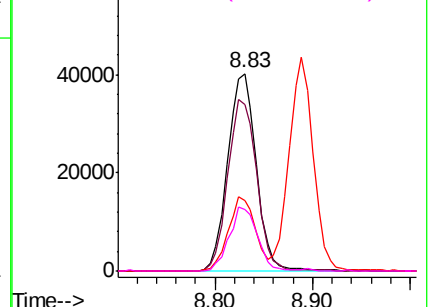
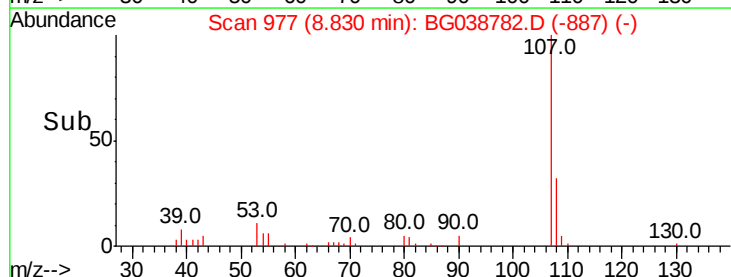


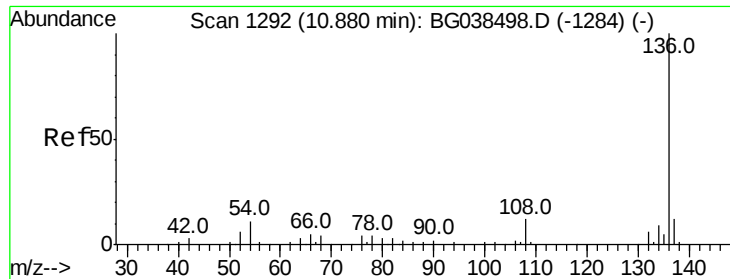
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

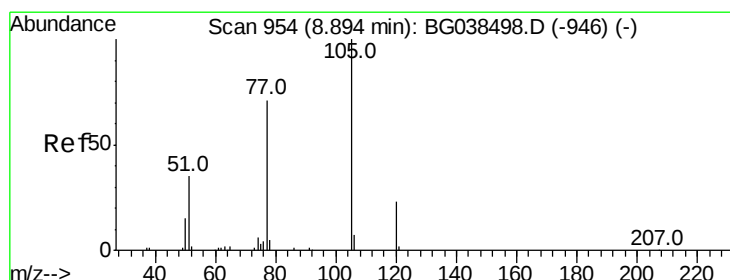
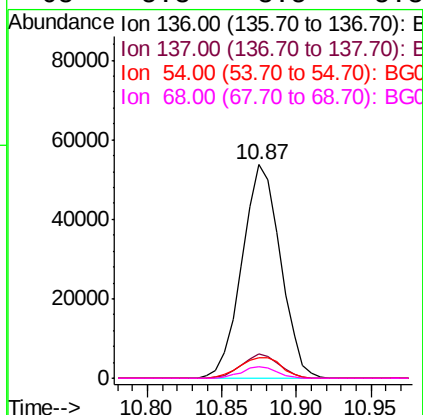
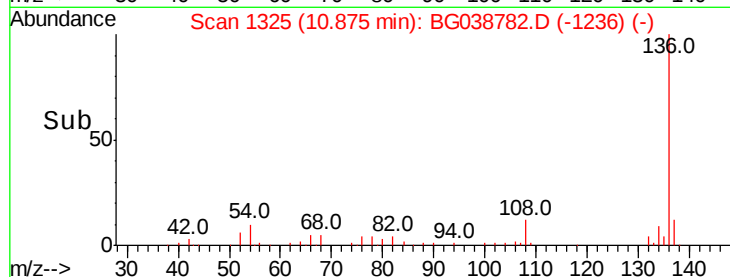
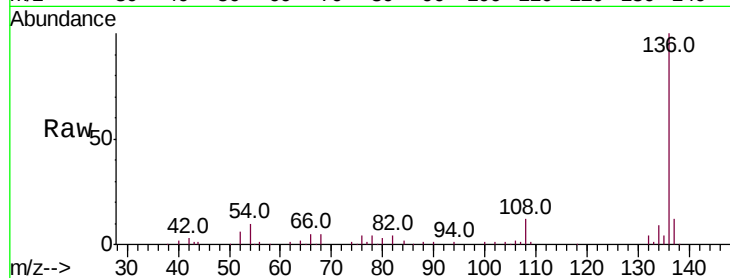




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

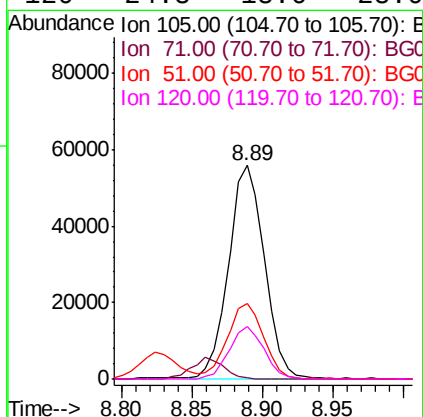
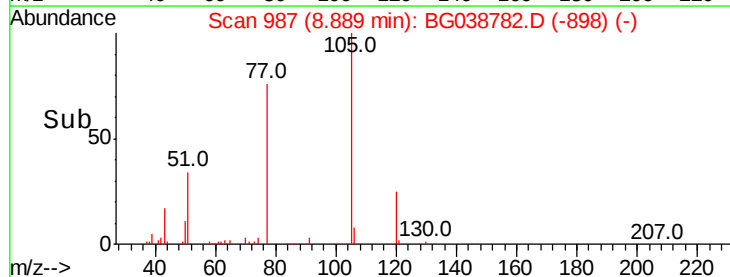
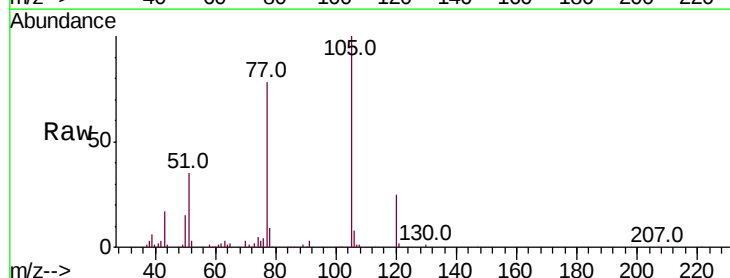
Instrument :
BNA_G
ClientSampleId :
PB115836BS

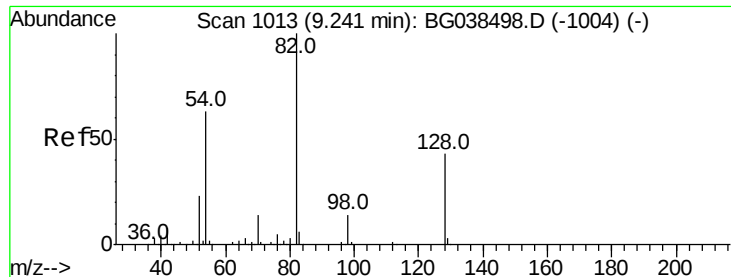
Tot Ion:136	Resp:	95934
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.3 13.9
54	9.6	8.5 12.7
68	5.3	3.5 5.3#



#22
Acetophenone
Concen: 41.321 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:105	Resp:	99015
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.4 0.6
51	35.2	30.6 46.0
120	24.8	18.6 28.0

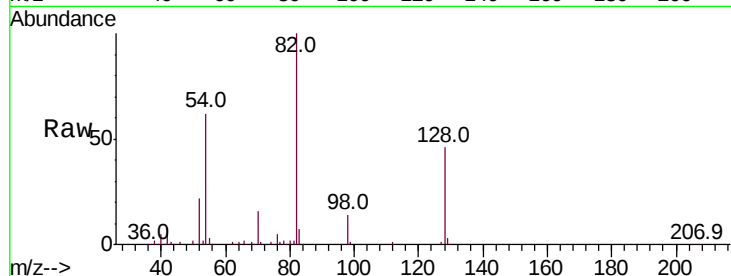




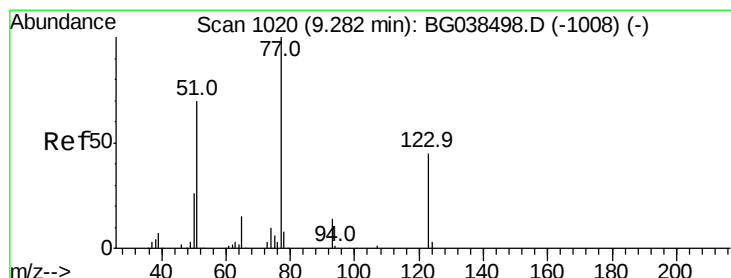
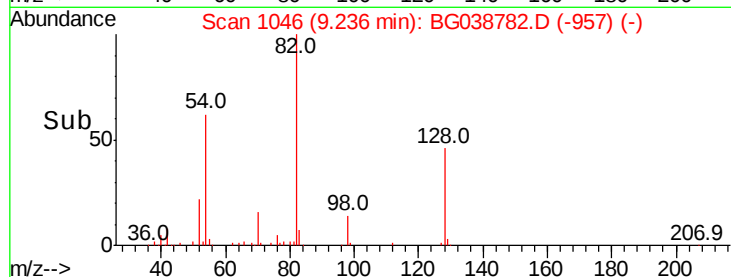
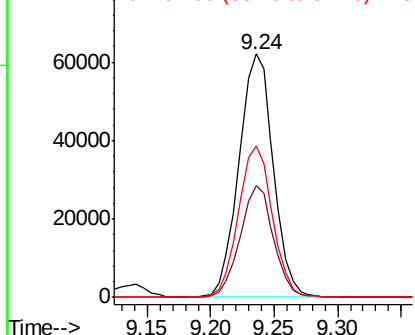
#23
Nitrobenzene-d5
Concen: 62.112 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion: 82 Resp: 116638
Ion Ratio Lower Upper
82 100
128 45.9 34.6 52.0
54 62.4 50.6 76.0

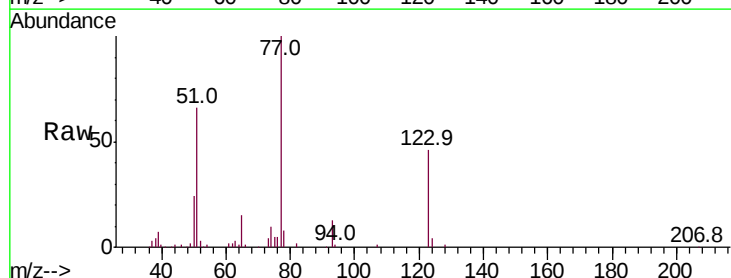


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

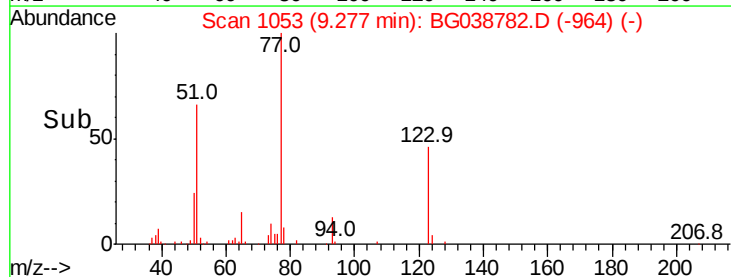
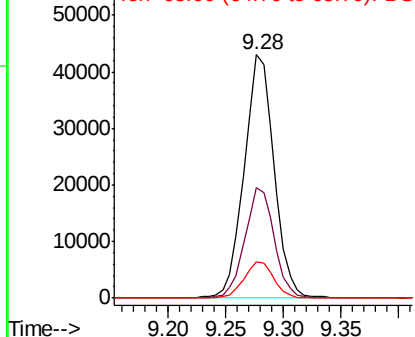


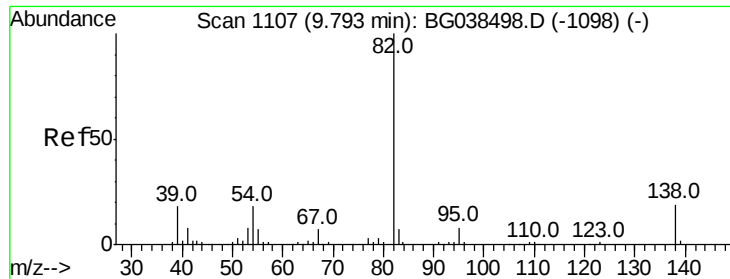
#24
Nitrobenzene
Concen: 40.748 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion: 77 Resp: 77409
Ion Ratio Lower Upper
77 100
123 45.6 35.9 53.9
65 14.7 12.0 18.0



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





#25

Isophorone

Concen: 41.274 ng

RT: 9.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

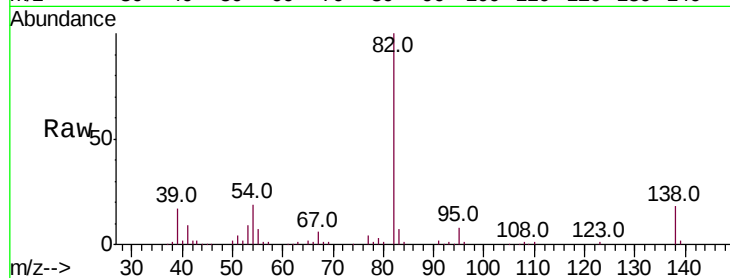
Tot Ion: 82 Resp: 139256

Ion Ratio Lower Upper

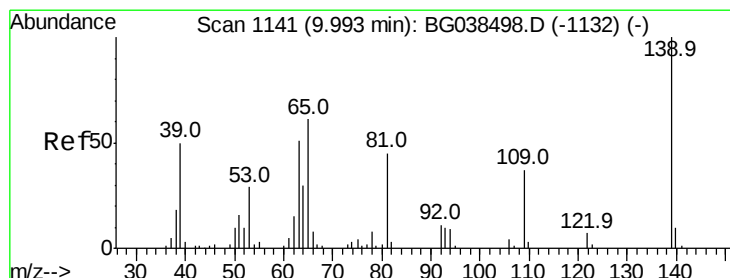
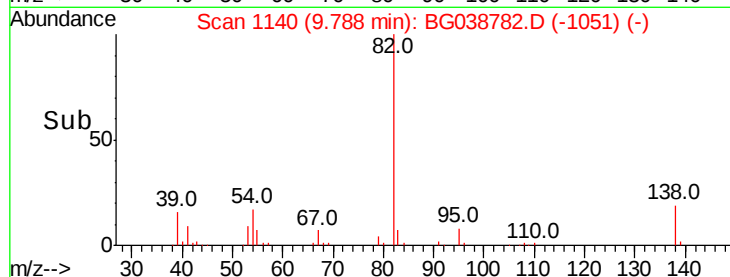
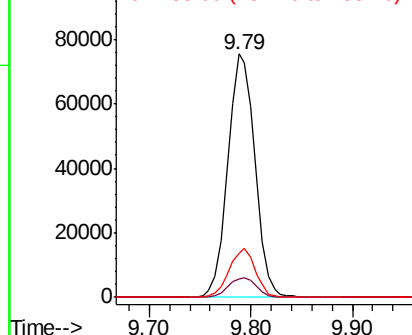
82 100

95 7.8 6.1 9.1

138 18.2 14.9 22.3



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



#26

2-Nitrophenol

Concen: 42.502 ng

RT: 9.99 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

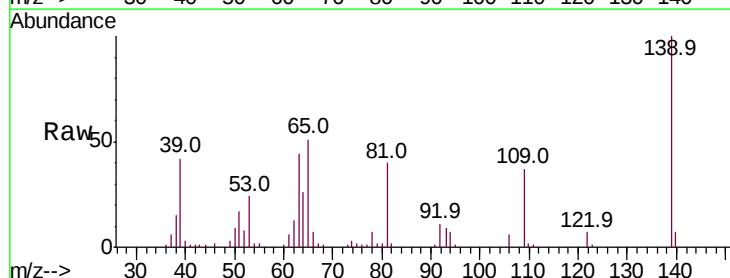
Tgt Ion: 139 Resp: 41325

Ion Ratio Lower Upper

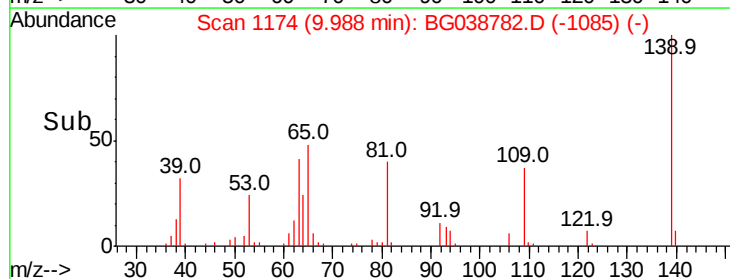
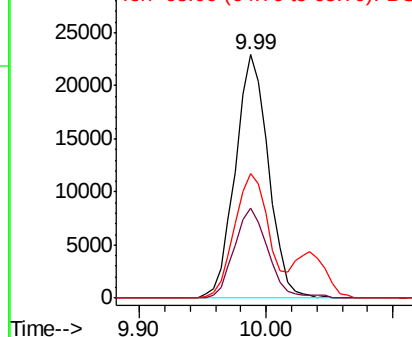
139 100

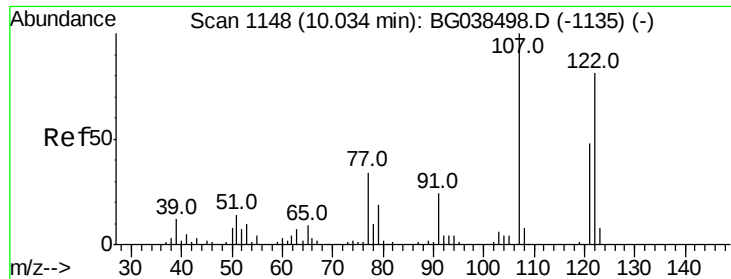
109 37.0 29.5 44.3

65 51.2 48.5 72.7



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

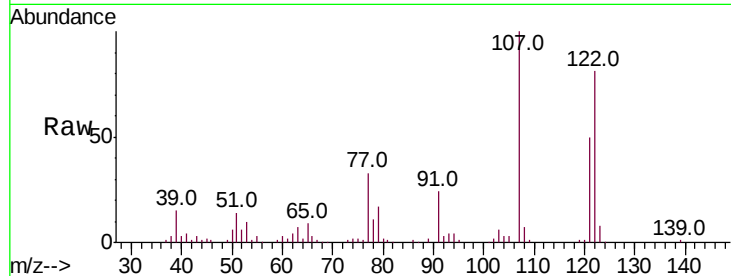




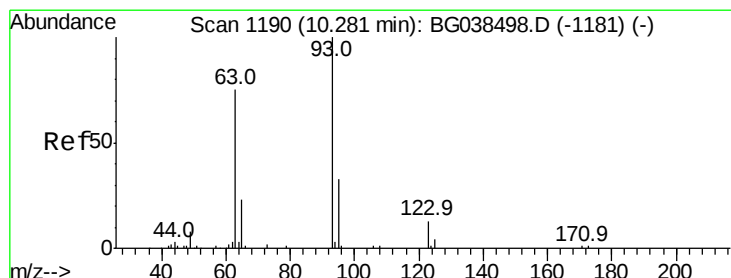
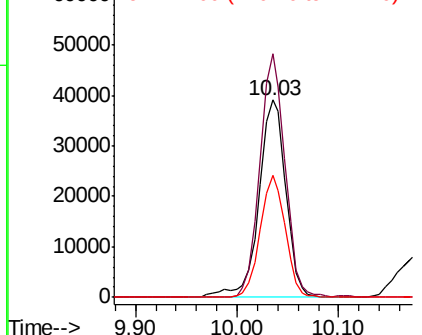
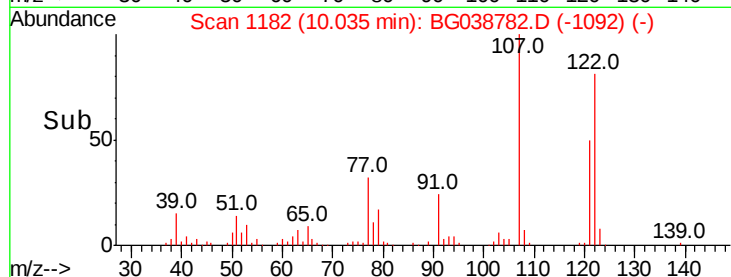
#27
 2,4-Dimethylphenol
 Concen: 51.694 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BS

Tot Ion:122 Resp: 72034
 Ion Ratio Lower Upper
 122 100
 107 123.3 98.4 147.6
 121 61.6 47.2 70.8

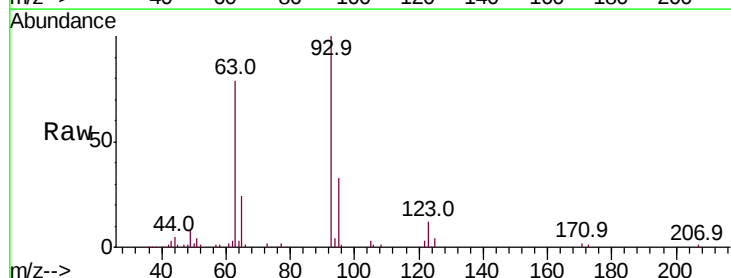


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

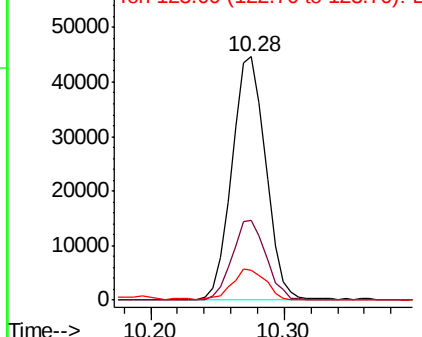
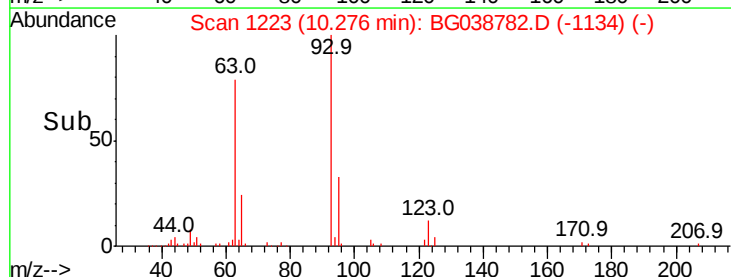


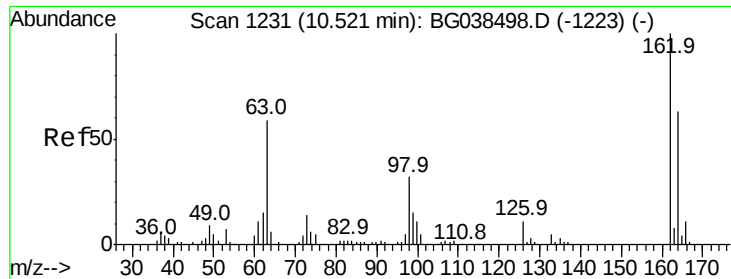
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.406 ng
 RT: 10.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Tgt Ion: 93 Resp: 78839
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.6 40.0
 123 12.1 10.6 16.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

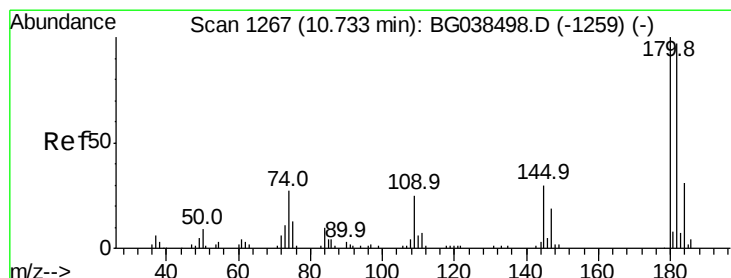
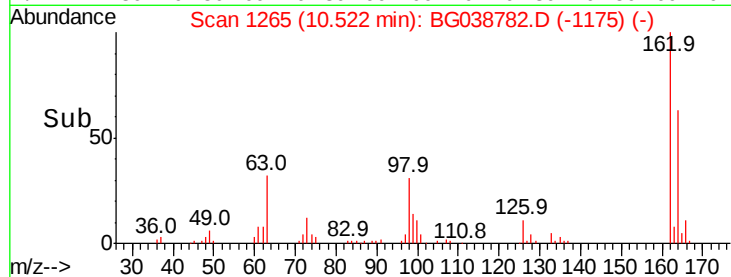
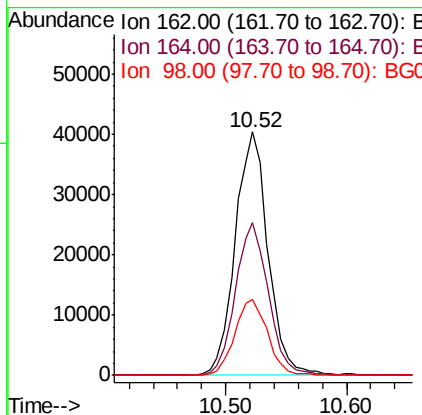
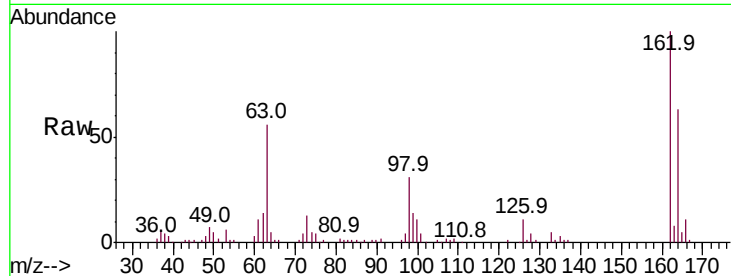




#29
 2,4-Dichlorophenol
 Concen: 49.200 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

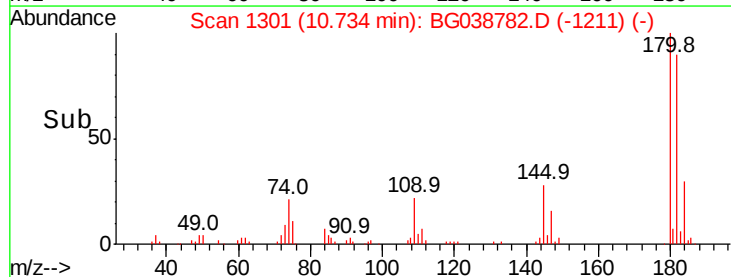
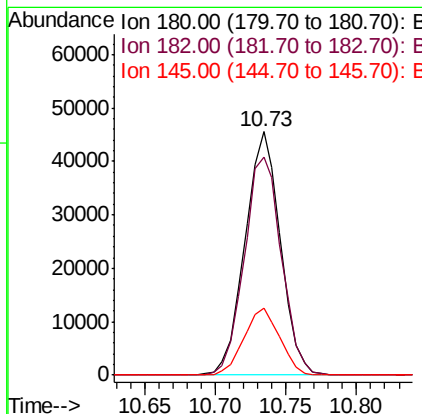
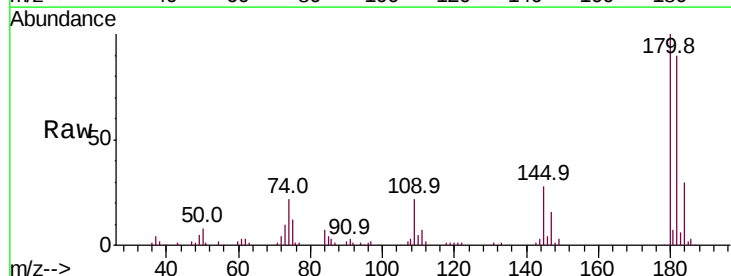
Instrument :
 BNA_G
 ClientSampleId :
 PB115836BS

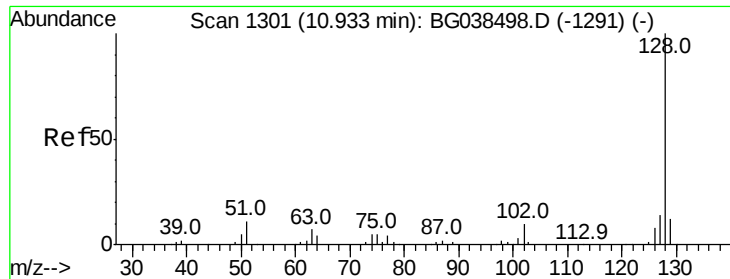
Tot Ion:162 Resp: 76270
 Ion Ratio Lower Upper
 162 100
 164 62.9 42.9 82.9
 98 31.1 12.1 52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.623 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Tgt Ion:180 Resp: 79811
 Ion Ratio Lower Upper
 180 100
 182 89.6 77.4 116.0
 145 27.7 24.1 36.1

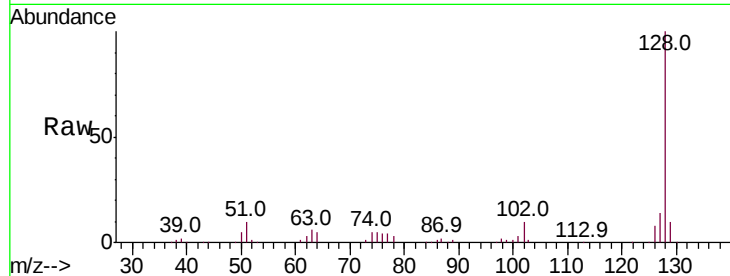




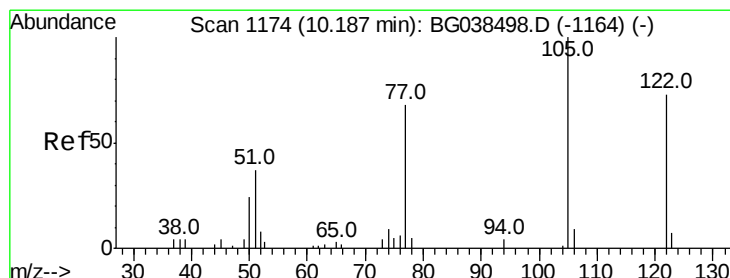
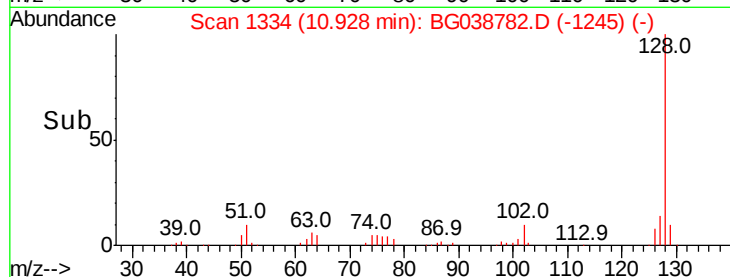
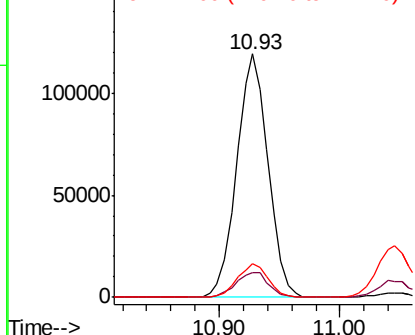
#31
Naphthalene
Concen: 45.334 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion:128 Resp: 214284
Ion Ratio Lower Upper
128 100
129 10.2 9.5 14.3
127 13.8 10.9 16.3

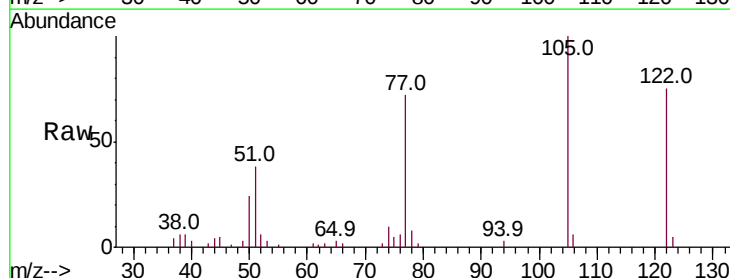


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

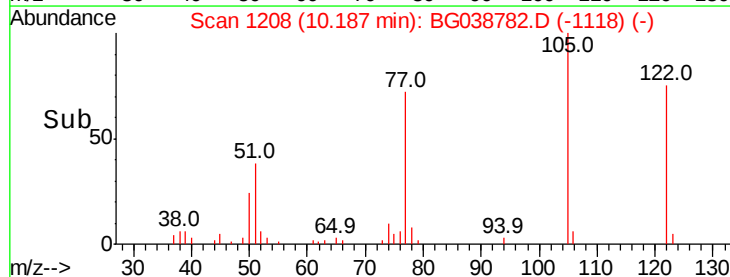
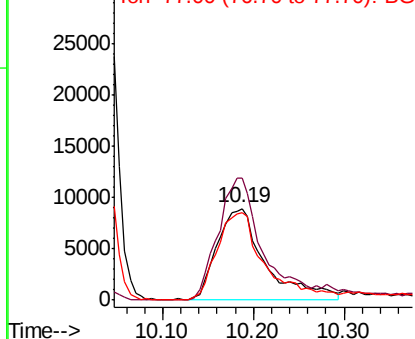


#32
Benzoic acid
Concen: 39.811 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:122 Resp: 33290
Ion Ratio Lower Upper
122 100
105 133.1 116.7 156.7
77 96.3 72.5 112.5



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): BGO

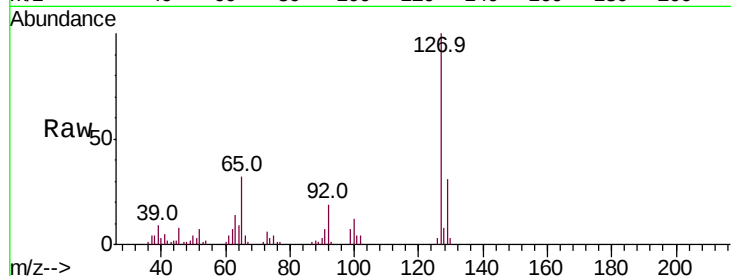




#33
4-Chloroaniline
Concen: 24.835 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion:	127	Resp:	50964
Ion	Ratio	Lower	Upper
127	100		
129	31.3	25.8	38.8
65	31.6	27.8	41.6
92	18.6	17.0	25.6



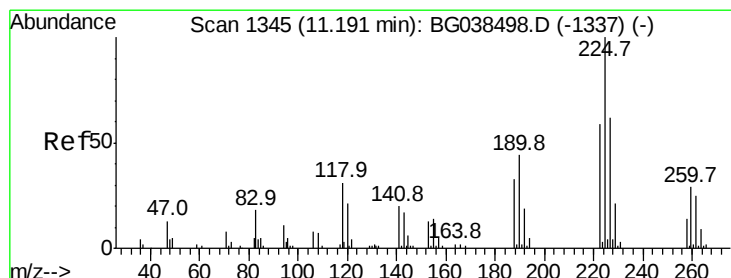
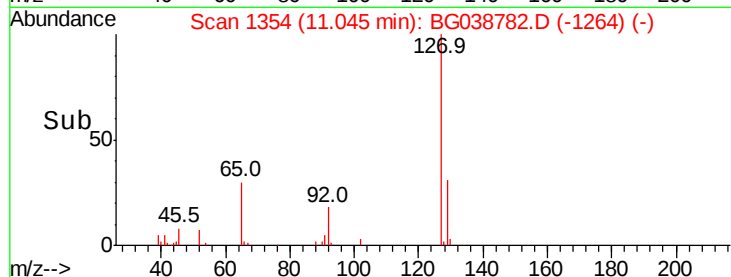
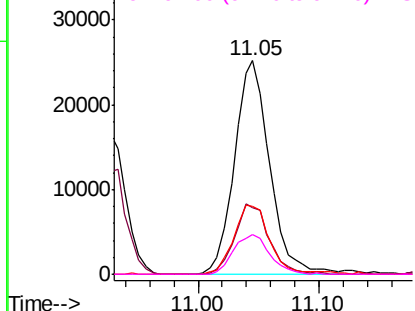
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

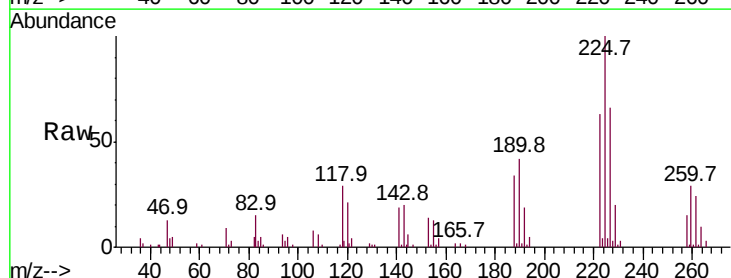
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.186 ng
RT: 11.19 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:	225	Resp:	52184
Ion	Ratio	Lower	Upper
225	100		
223	60.2	45.0	67.6
227	66.6	50.6	75.8

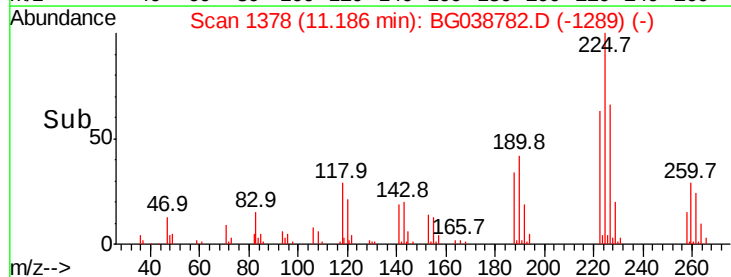
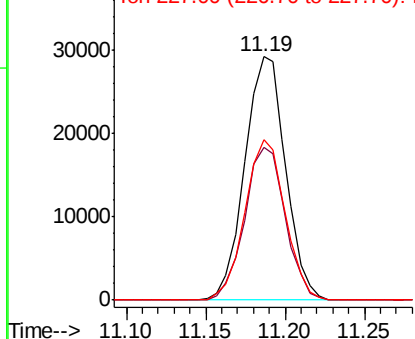


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.689 ng

RT: 11.83 min Scan# 1488

Delta R.T. 0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

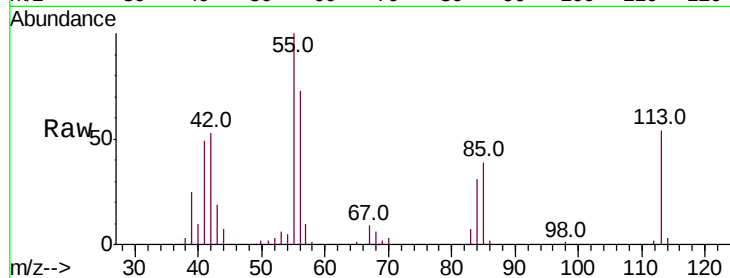
Tot Ion:113 Resp: 26104

Ion Ratio Lower Upper

113 100

55 184.1 204.3 244.3#

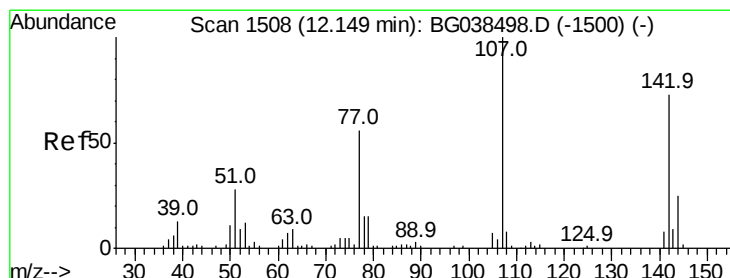
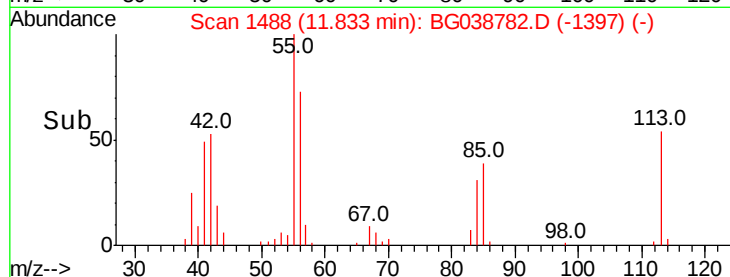
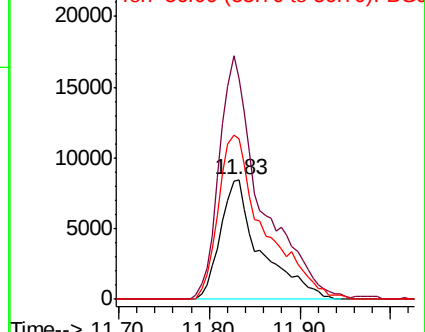
56 133.8 135.0 175.0#



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: 45.300 ng

RT: 12.16 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

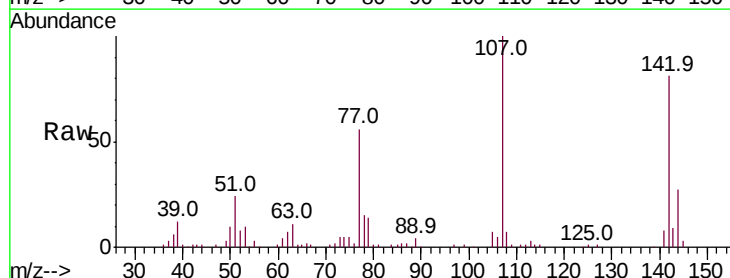
Tgt Ion:107 Resp: 80137

Ion Ratio Lower Upper

107 100

144 27.0 20.1 30.1

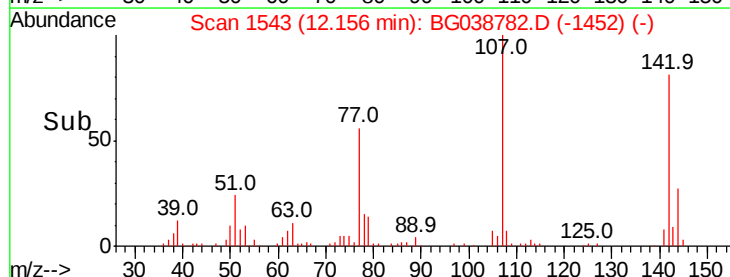
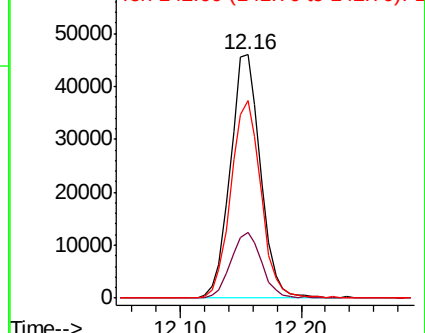
142 81.0 58.7 88.1

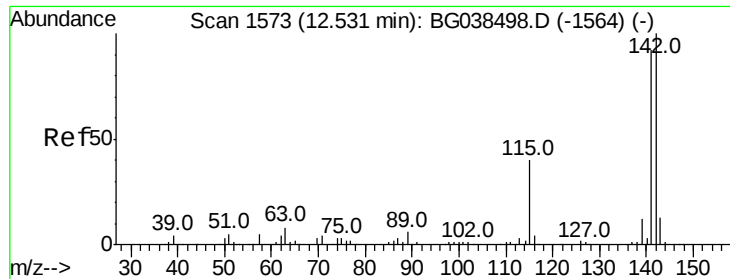


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.371 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

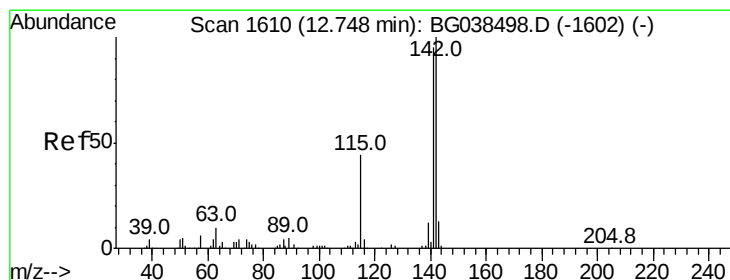
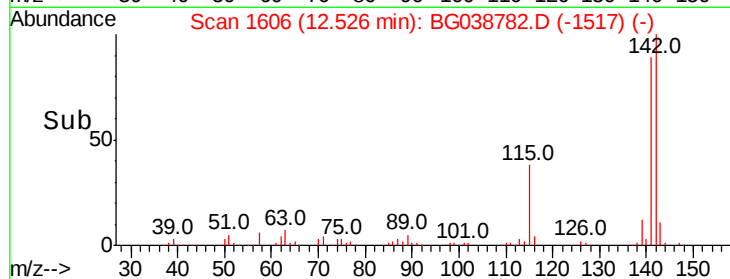
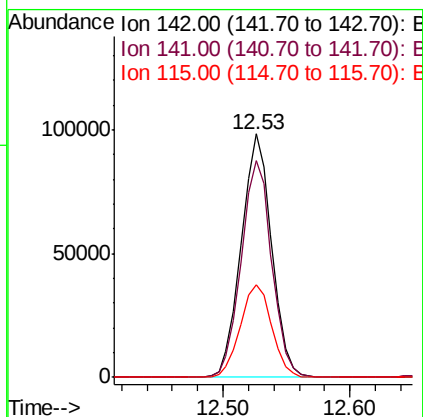
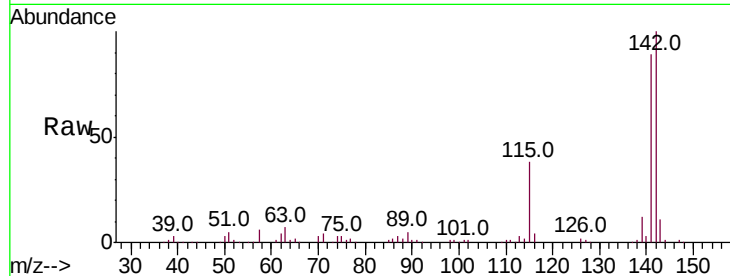
Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion:142 Resp: 163114

Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.5	110.3
115	38.0	31.7	47.5



#38

1-Methylnaphthalene

Concen: 47.457 ng

RT: 12.74 min Scan# 1643

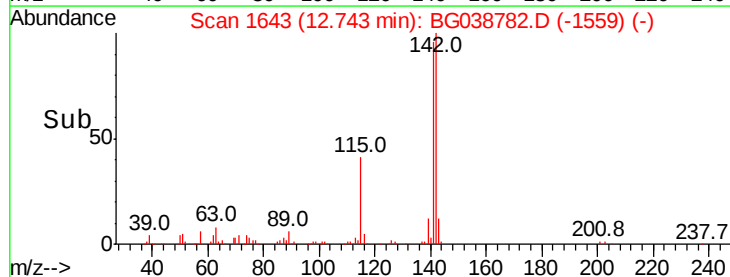
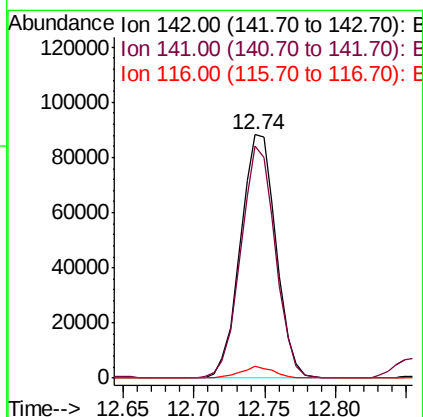
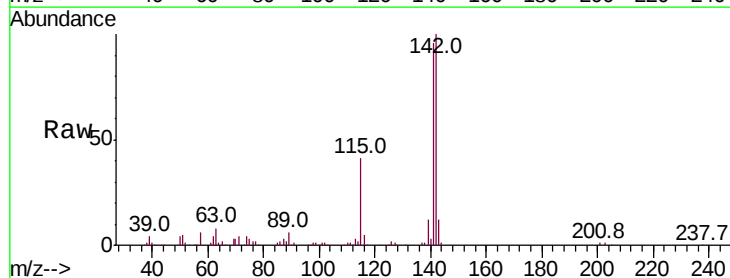
Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Tgt Ion:142 Resp: 155289

Ion	Ratio	Lower	Upper
142	100		
141	95.6	75.8	113.8
116	4.9	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

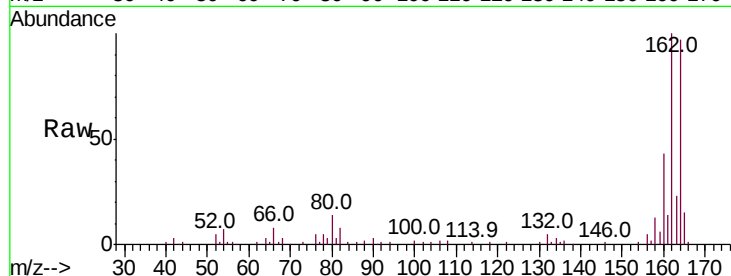
Tot Ion:164 Resp: 65932

Ion Ratio Lower Upper

164 100

162 102.6 86.6 130.0

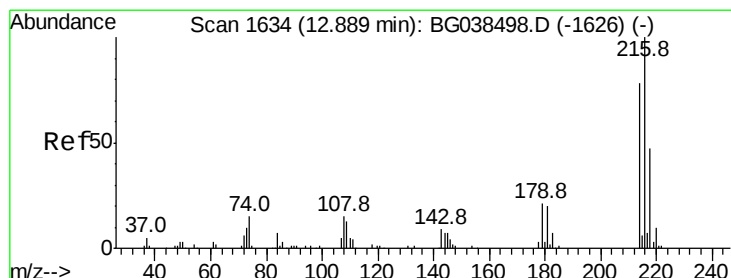
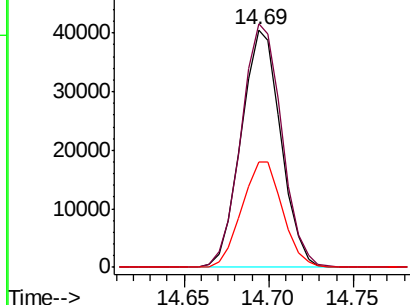
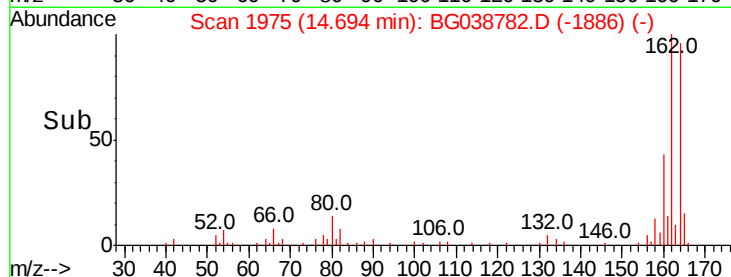
160 44.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.735 ng

RT: 12.89 min Scan# 1668

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Tgt Ion:216 Resp: 97928

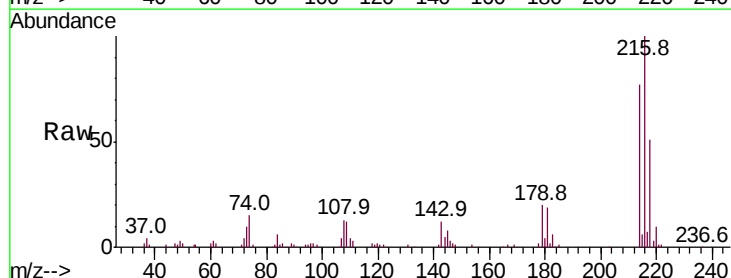
Ion Ratio Lower Upper

216 100

214 78.6 64.1 96.1

179 20.1 16.4 24.6

108 16.9 13.9 20.9

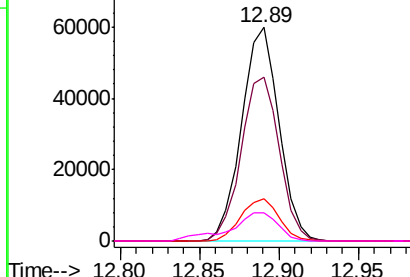
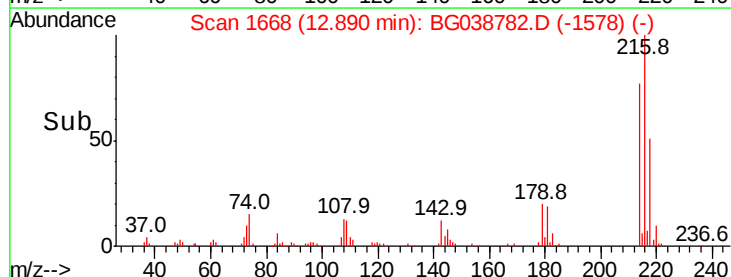


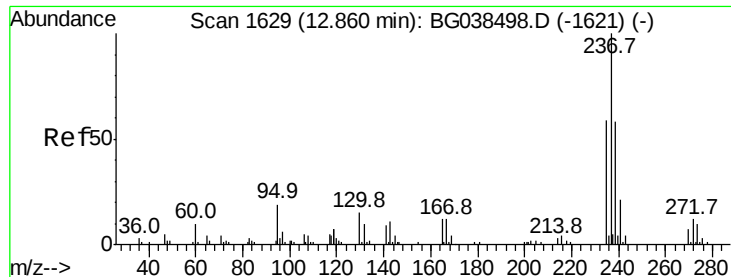
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 86.054 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

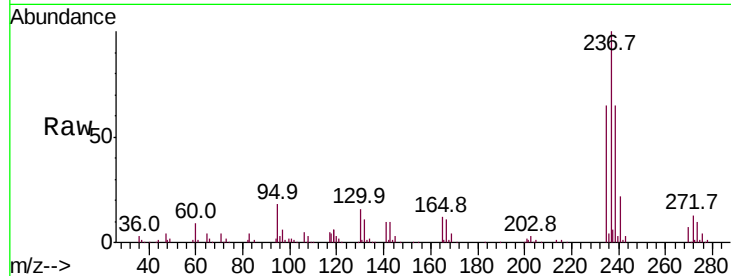
Tot Ion:237 Resp: 116517

Ion Ratio Lower Upper

237 100

235 64.6 38.8 78.8

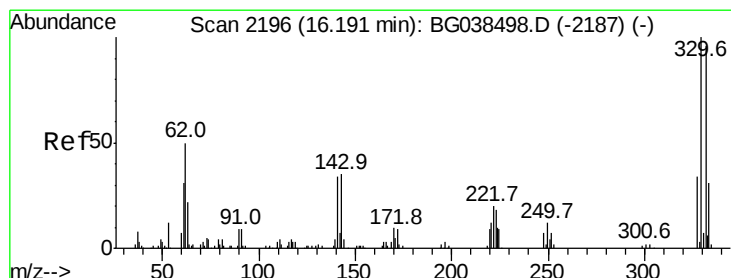
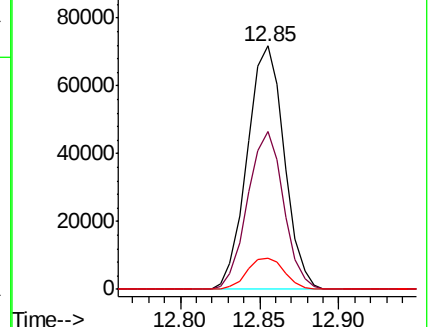
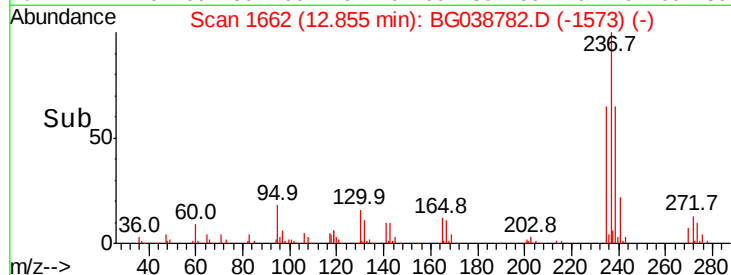
272 12.8 0.0 32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 132.725 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

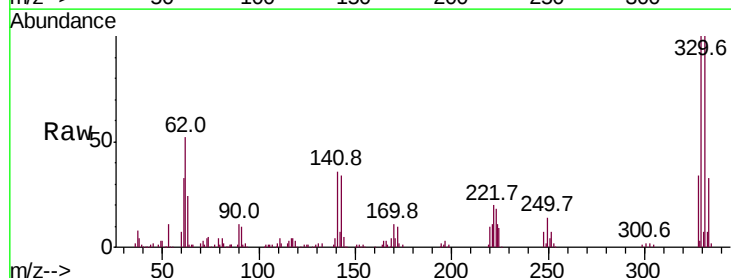
Tgt Ion:330 Resp: 120602

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

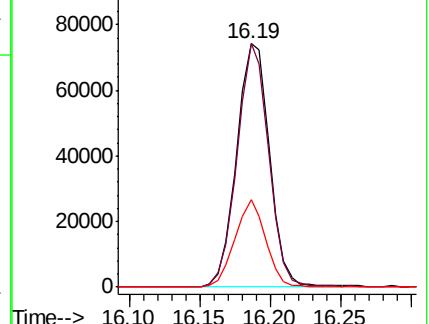
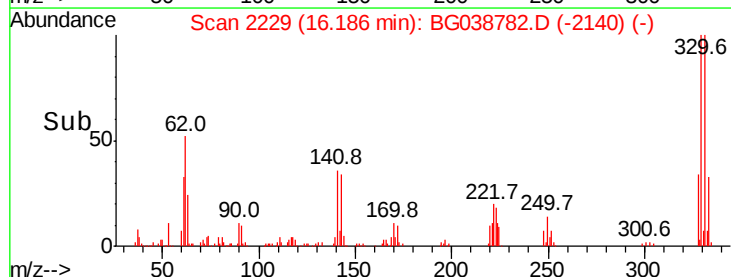
141 33.5 28.8 43.2

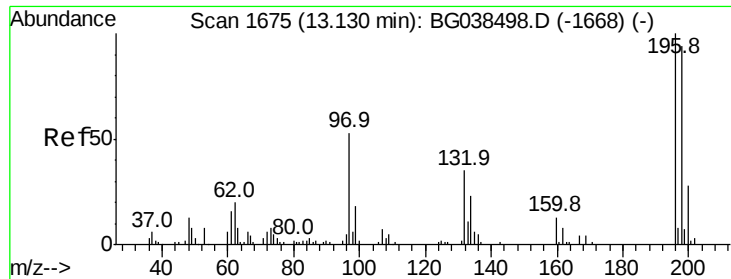


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

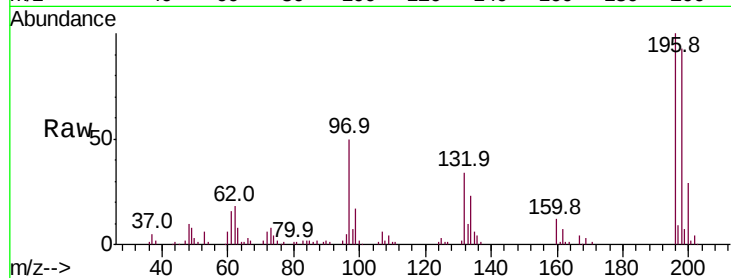




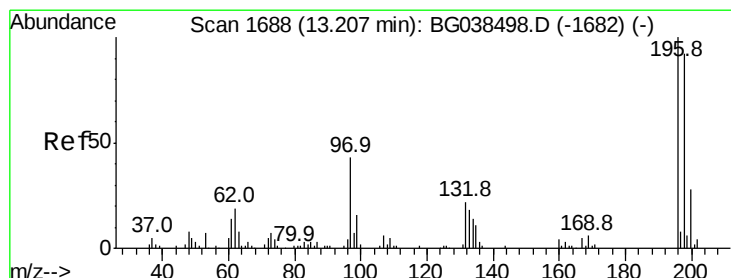
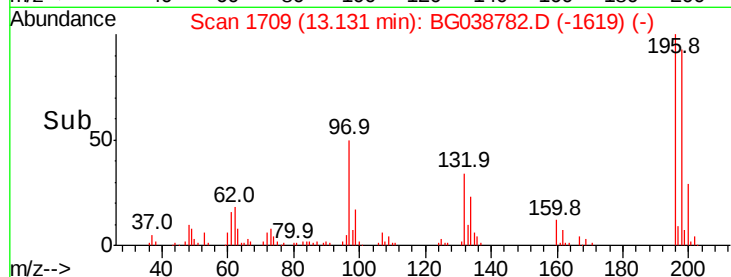
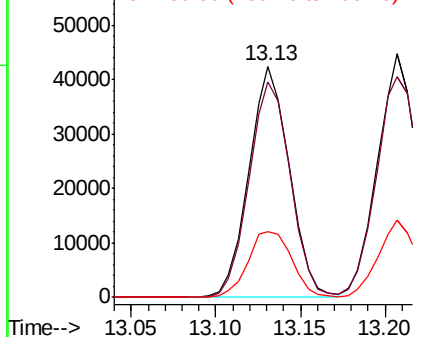
#43
 2,4,6-Trichlorophenol
 Concen: 46.364 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BS

Tot Ion:196 Resp: 70257
 Ion Ratio Lower Upper
 196 100
 198 93.3 75.0 112.4
 200 31.0 22.4 33.6



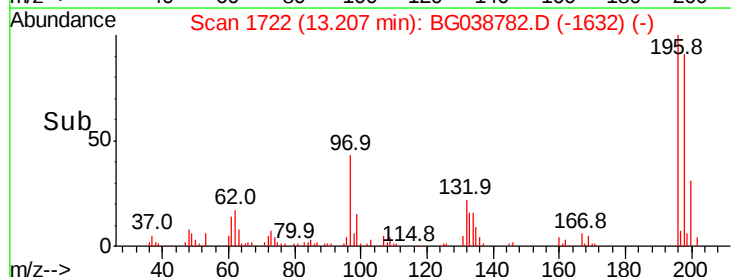
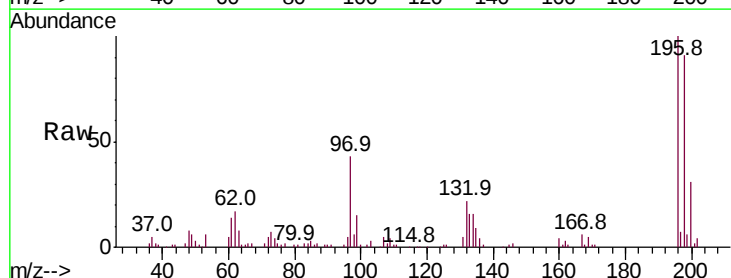
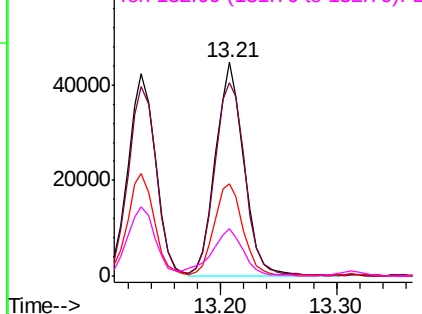
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

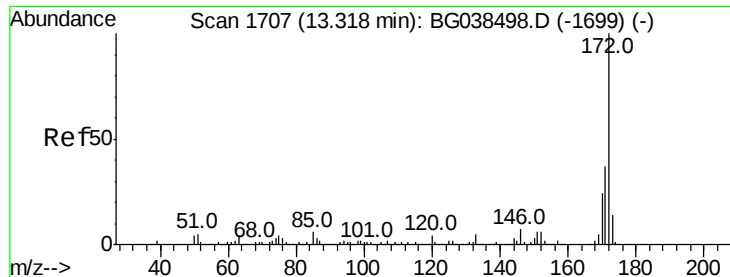


#44
 2,4,5-Trichlorophenol
 Concen: 47.529 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Tgt Ion:196 Resp: 76255
 Ion Ratio Lower Upper
 196 100
 198 90.6 74.0 111.0
 97 43.1 35.1 52.7
 132 22.1 18.0 27.0

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

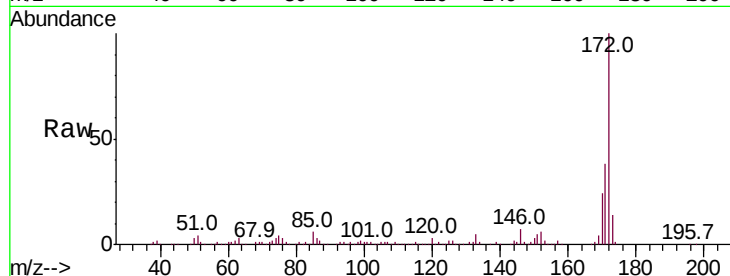




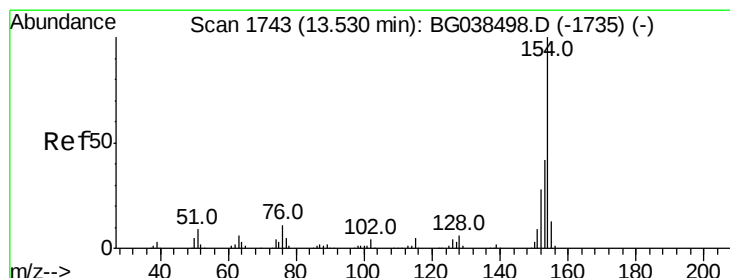
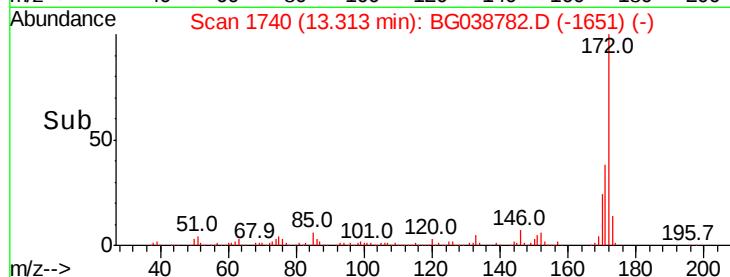
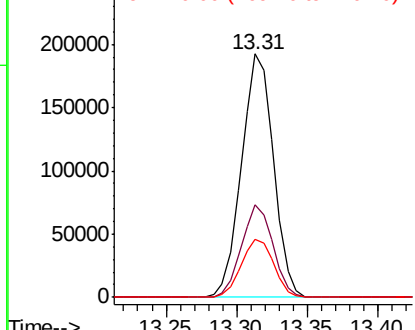
#45
2-Fluorobiphenyl
Concen: 63.499 ng
RT: 13.31 min Scan# 1740
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion:172 Resp: 305181
Ion Ratio Lower Upper
172 100
171 37.9 29.8 44.6
170 23.9 19.5 29.3

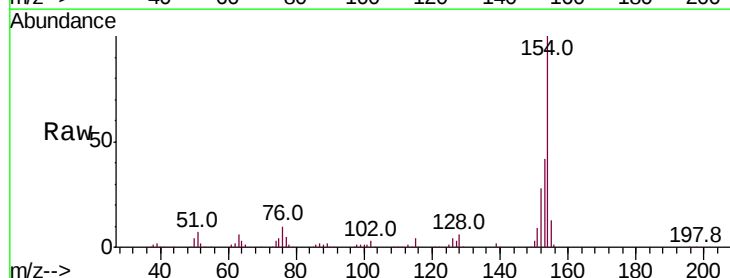


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

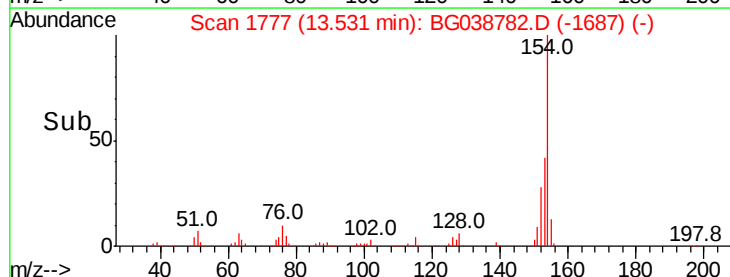
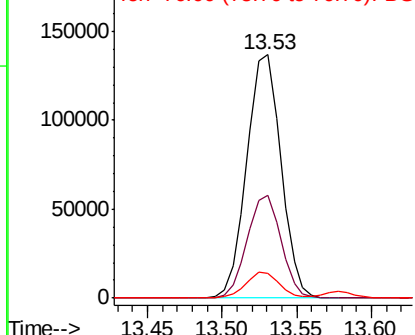


#46
1,1'-Biphenyl
Concen: 39.286 ng
RT: 13.53 min Scan# 1777
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:154 Resp: 217140
Ion Ratio Lower Upper
154 100
153 42.3 22.1 62.1
76 9.9 0.0 31.2



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

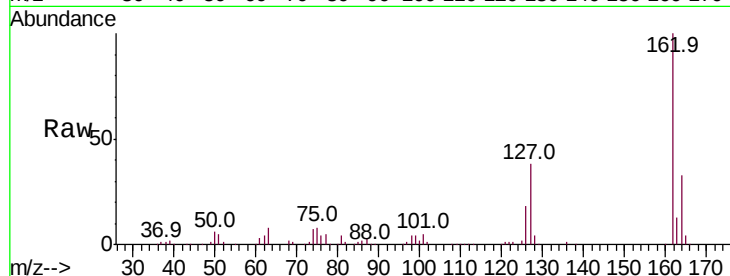




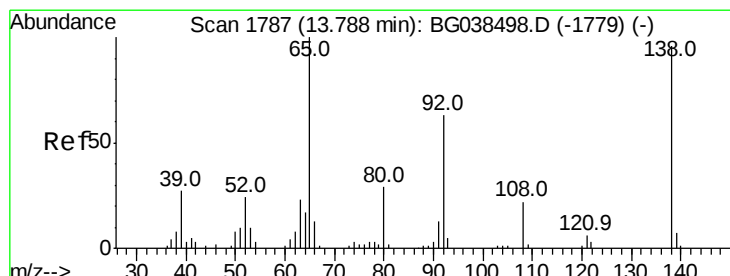
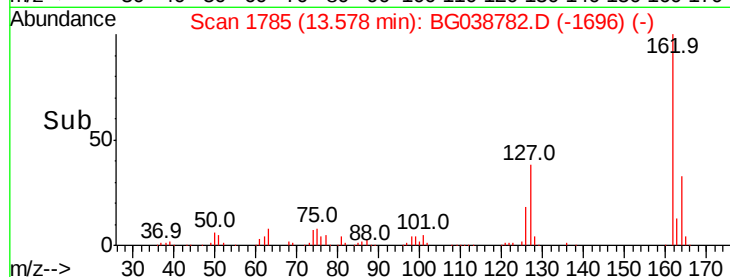
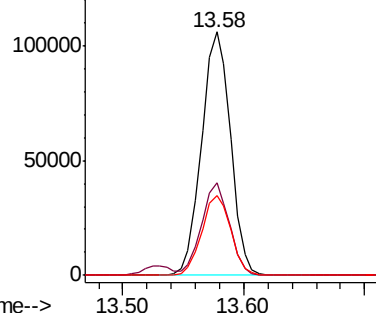
#47
2-Chloronaphthalene
Concen: 41.483 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	27.8	41.8
164	32.7	26.9	40.3

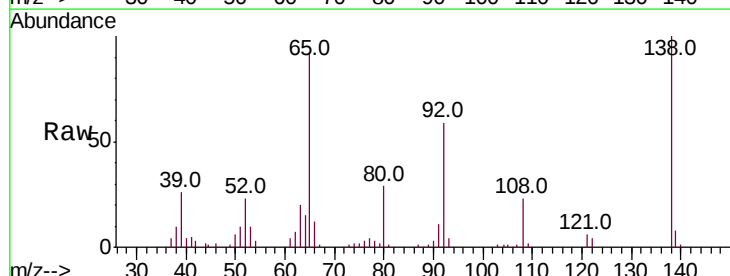


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

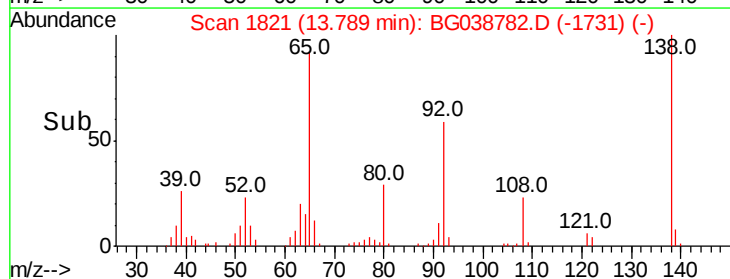
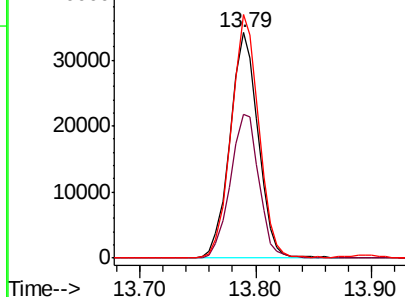


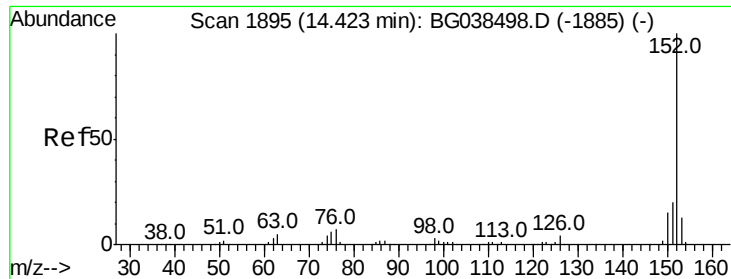
#48
2-Nitroaniline
Concen: 42.318 ng
RT: 13.79 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.8	50.0	75.0
138	108.2	76.9	115.3



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





#49

Acenaphthylene

Concen: 45.358 ng

RT: 14.42 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

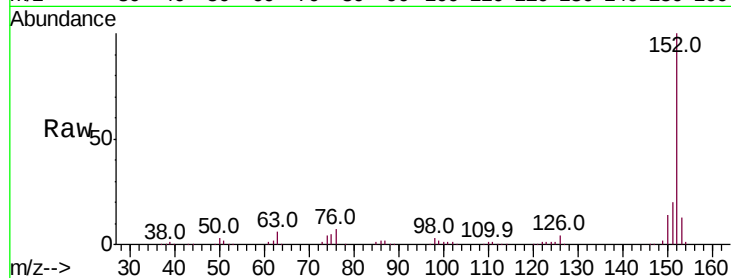
Tot Ion:152 Resp: 289505

Ion Ratio Lower Upper

152 100

151 20.4 16.4 24.6

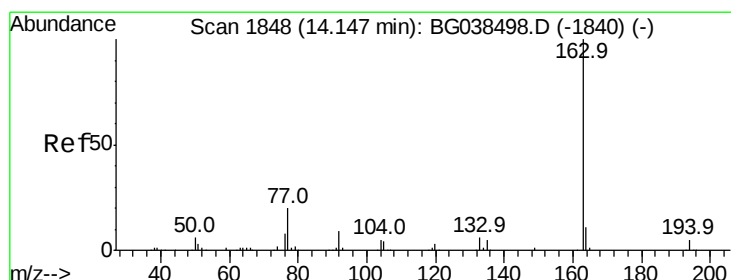
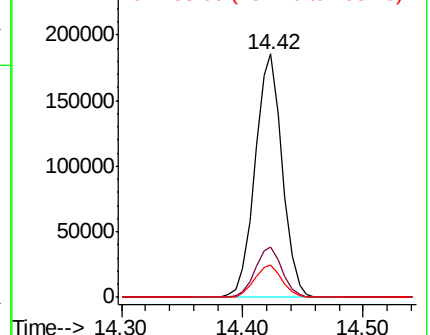
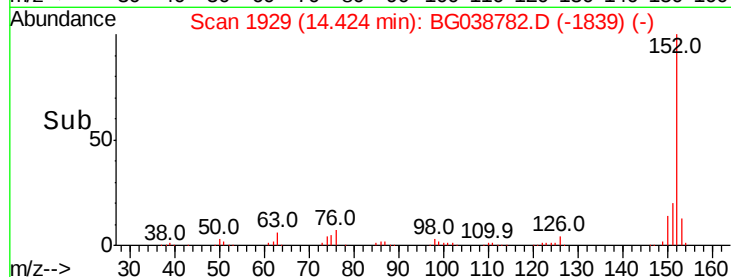
153 13.1 10.4 15.6



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: 43.559 ng

RT: 14.15 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

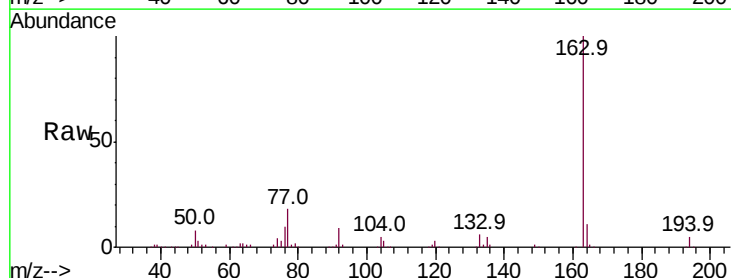
Tgt Ion:163 Resp: 234532

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

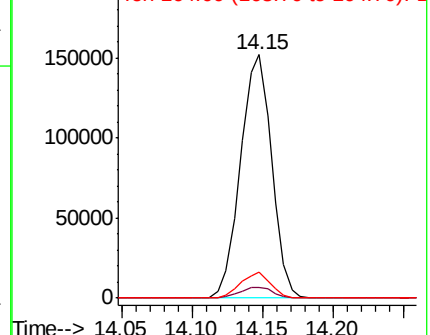
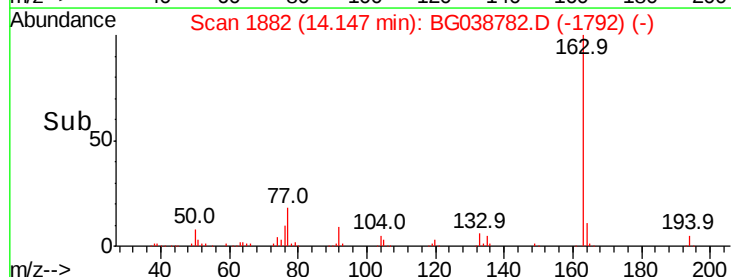
164 10.7 8.6 12.8

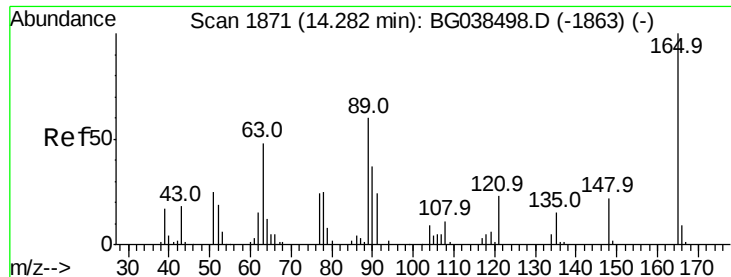


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

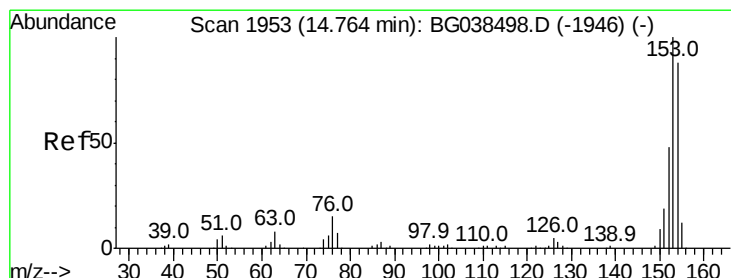
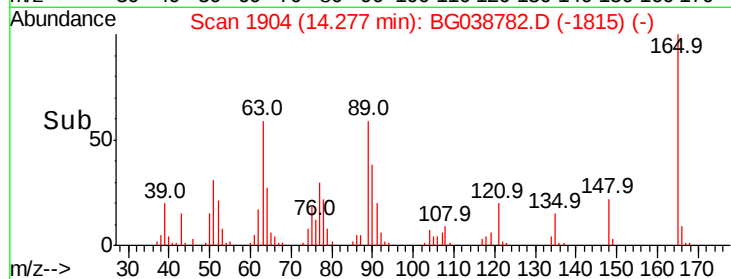
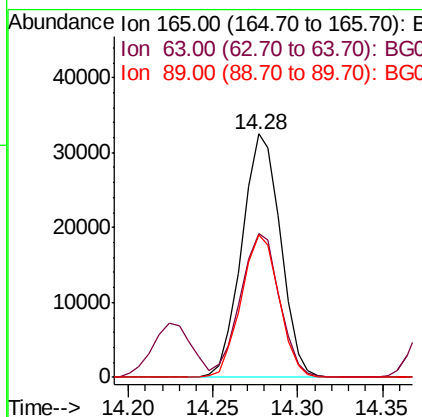
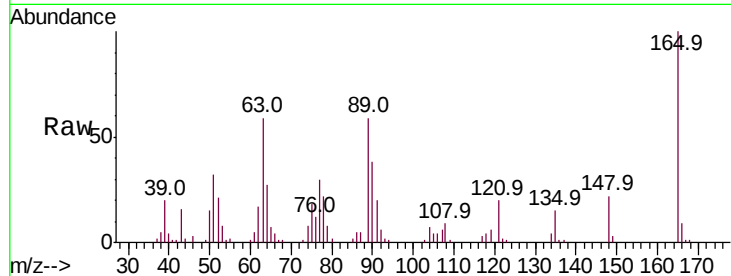




#51
2,6-Dinitrotoluene
Concen: 42.399 ng
RT: 14.28 min Scan# 1904
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

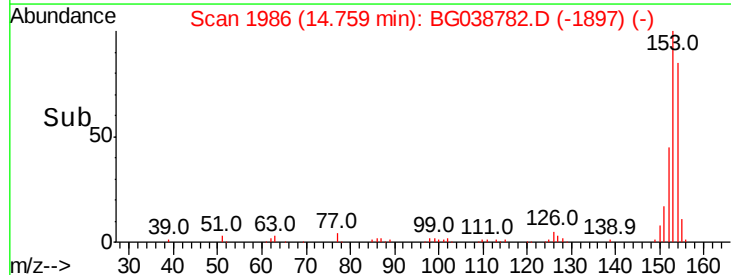
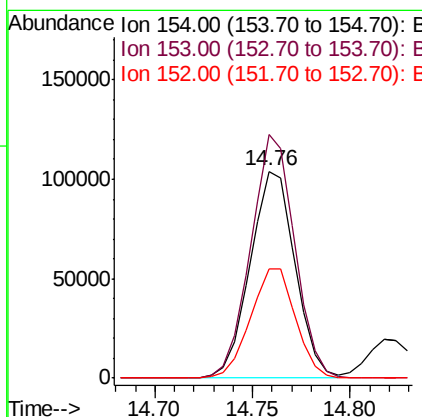
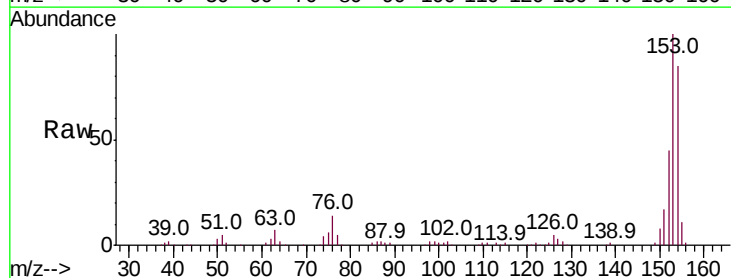
Instrument :
BNA_G
ClientSampleId :
PB115836BS

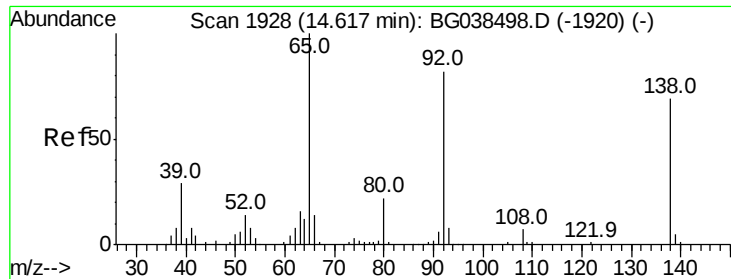
Tot Ion:165 Resp: 51733
Ion Ratio Lower Upper
165 100
63 59.2 51.8 77.6
89 58.7 47.9 71.9



#52
Acenaphthene
Concen: 43.429 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:154 Resp: 165754
Ion Ratio Lower Upper
154 100
153 117.9 90.6 136.0
152 53.1 43.5 65.3

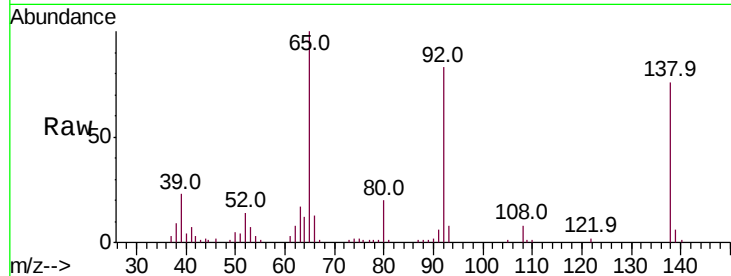




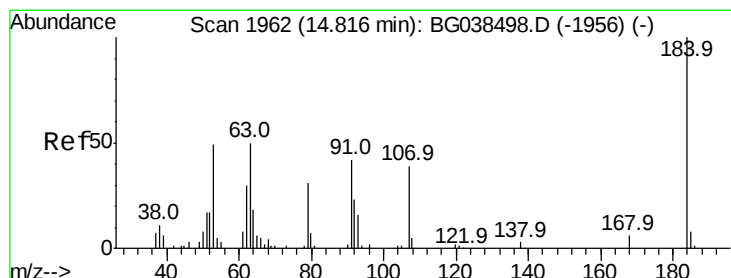
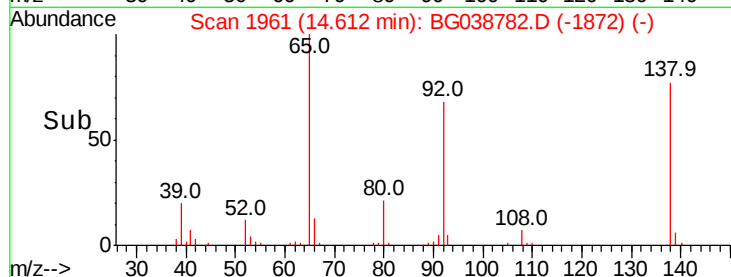
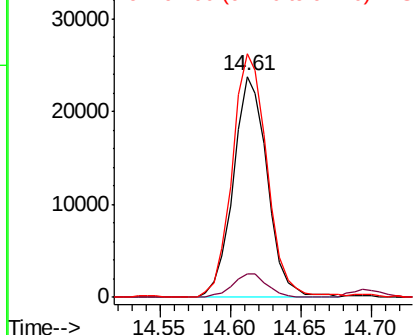
#53
3-Nitroaniline
Concen: 32.253 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion:138 Resp: 40116
Ion Ratio Lower Upper
138 100
108 10.3 7.9 11.9
92 110.1 95.3 142.9

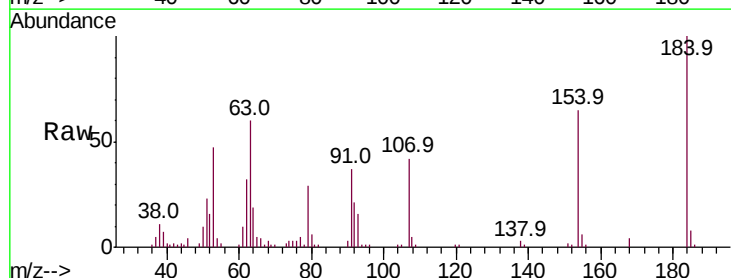


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

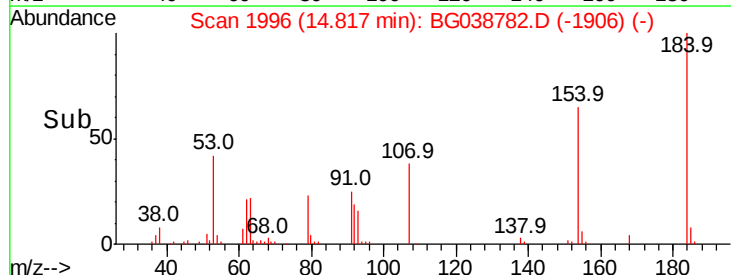
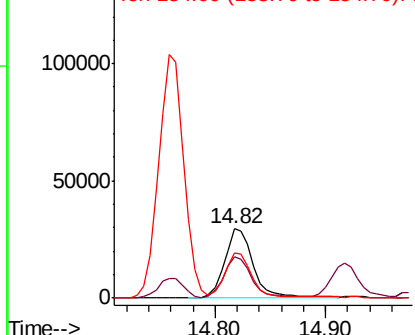


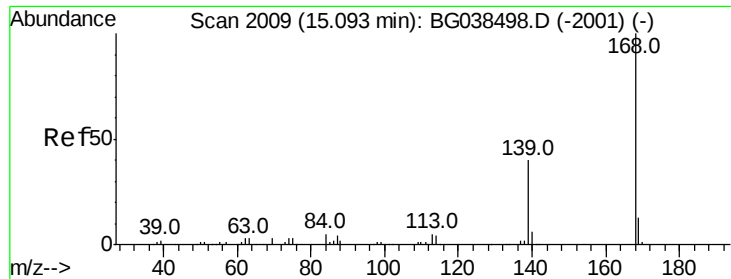
#54
2,4-Dinitrophenol
Concen: 75.052 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:184 Resp: 54239
Ion Ratio Lower Upper
184 100
63 59.7 47.0 70.6
154 65.4 50.3 75.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

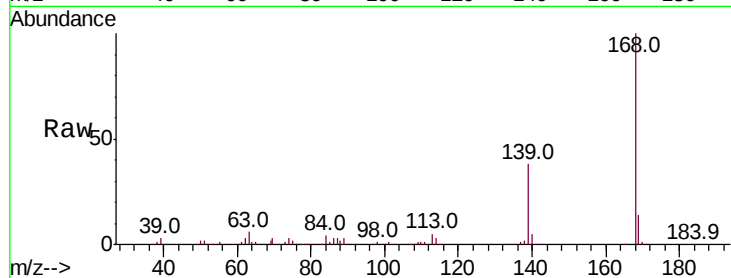




#55
Dibenzenofuran
Concen: 43.185 ng
RT: 15.09 min Scan# 2043
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.3	32.2	48.2
169	14.0	10.6	16.0

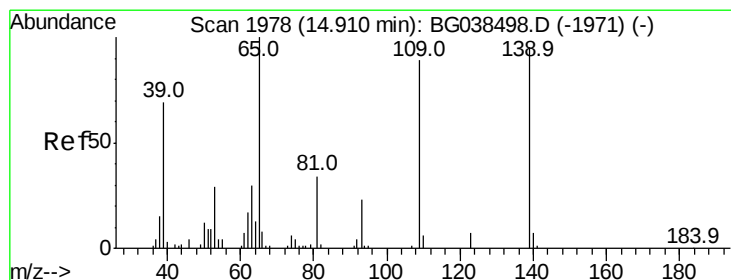
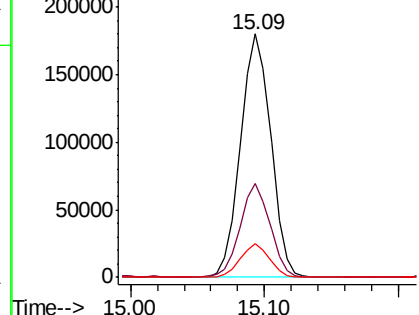
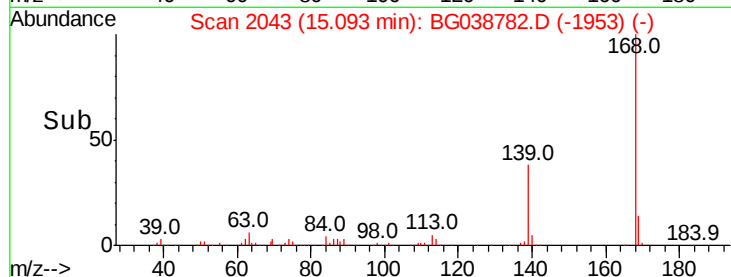


Abundance

Ion 168.00 (167.70 to 168.70): E

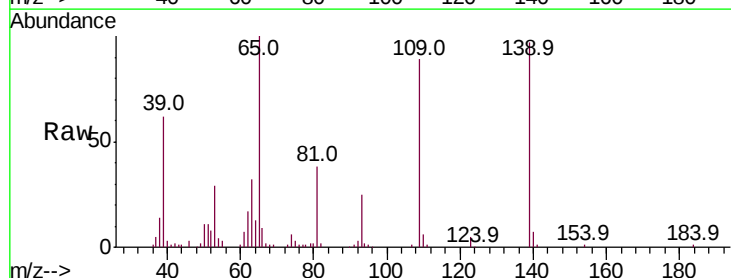
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 84.209 ng
RT: 14.92 min Scan# 2013
Delta R.T. 0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.8	73.6	113.6
65	102.6	84.8	124.8

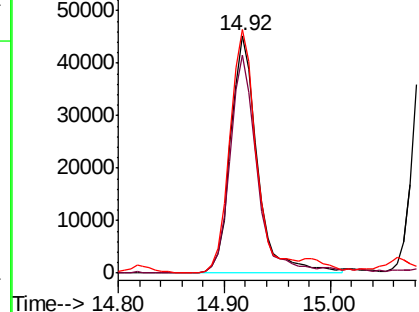
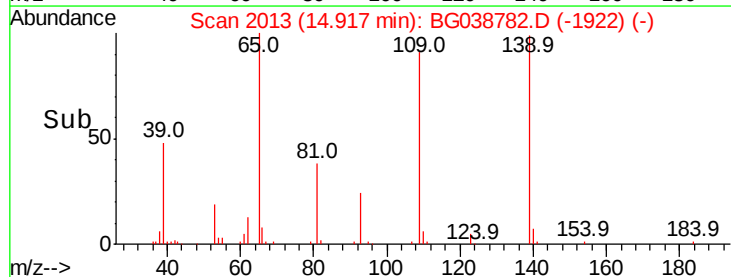


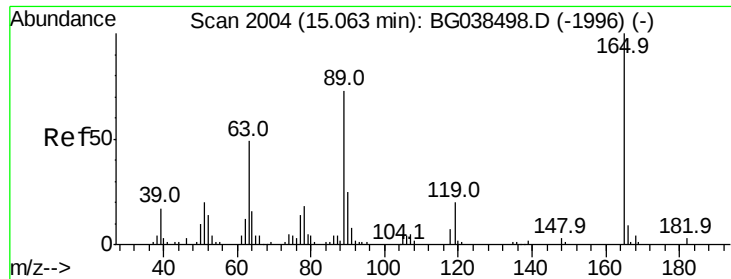
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

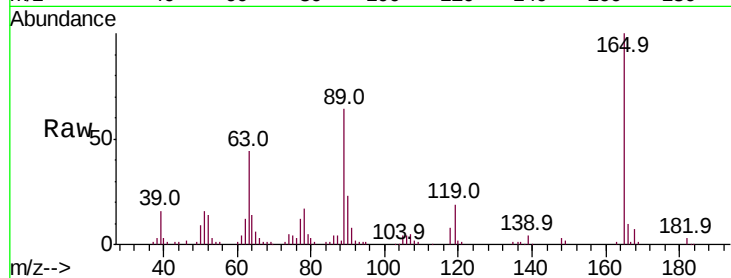




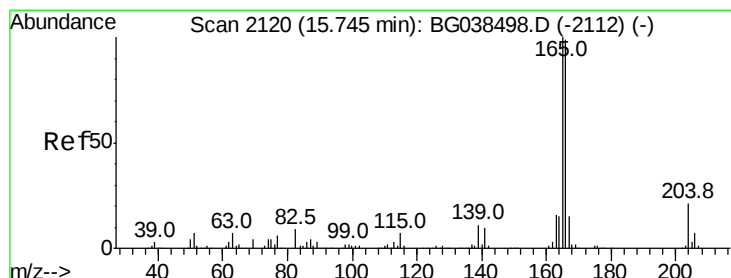
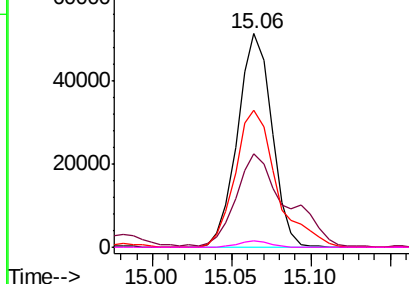
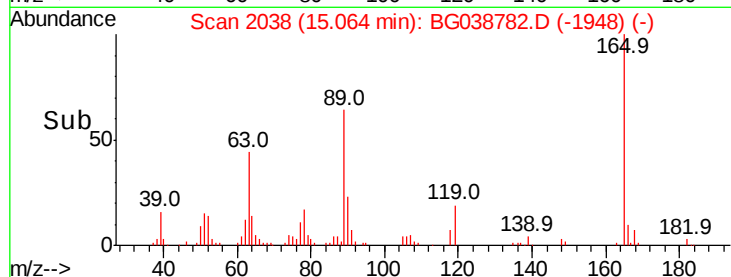
#57
2,4-Dinitrotoluene
Concen: 45.009 ng
RT: 15.06 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion:165 Resp: 77350
Ion Ratio Lower Upper
165 100
63 43.7 39.0 58.4
89 64.1 58.0 87.0
182 2.7 2.3 3.5

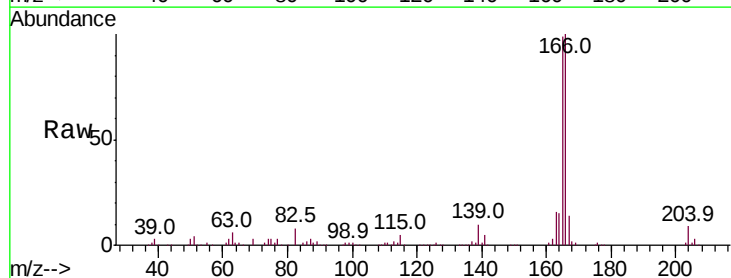


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

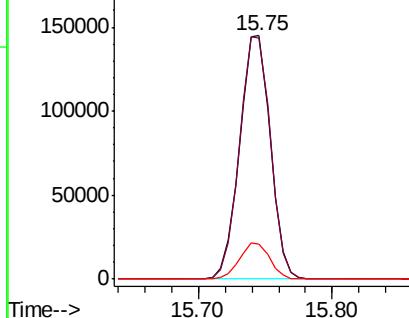
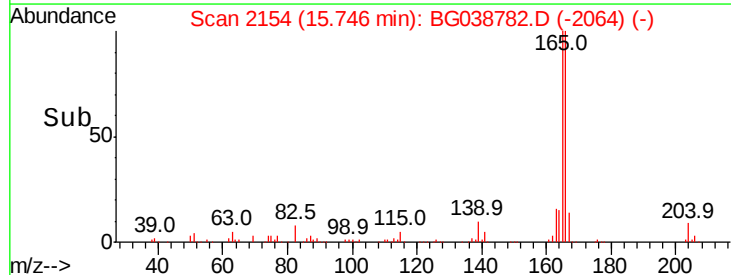


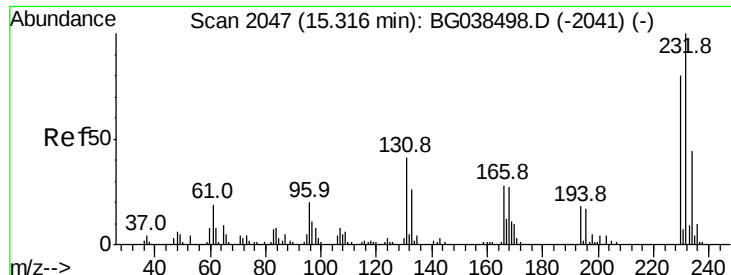
#58
Fluorene
Concen: 47.463 ng
RT: 15.75 min Scan# 2154
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:166 Resp: 230059
Ion Ratio Lower Upper
166 100
165 98.9 80.6 120.8
167 14.2 12.0 18.0



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

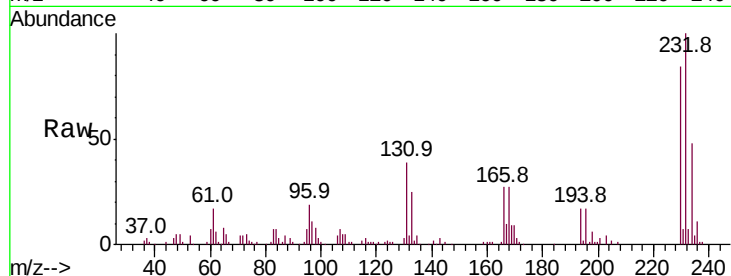




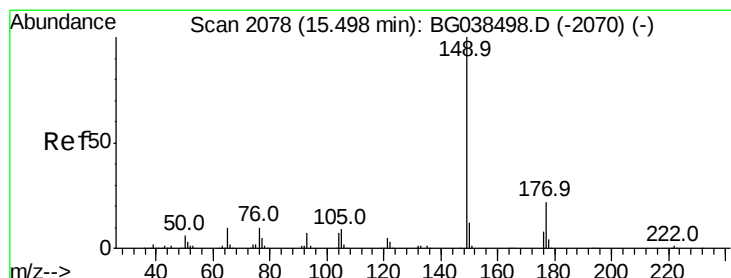
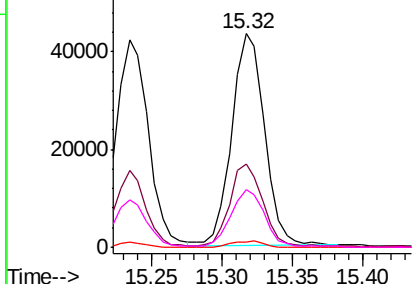
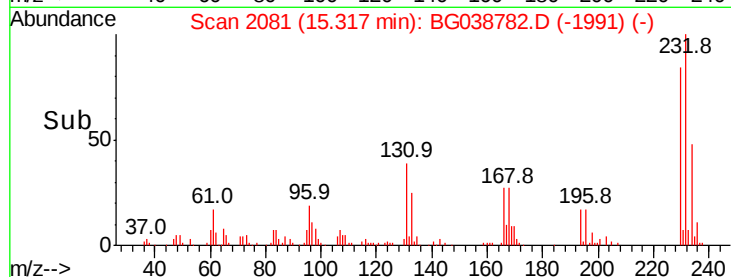
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.902 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BS

Tot Ion:232 Resp: 70588
 Ion Ratio Lower Upper
 232 100
 131 40.5 33.0 49.4
 130 2.7 2.0 3.0
 166 28.3 23.1 34.7

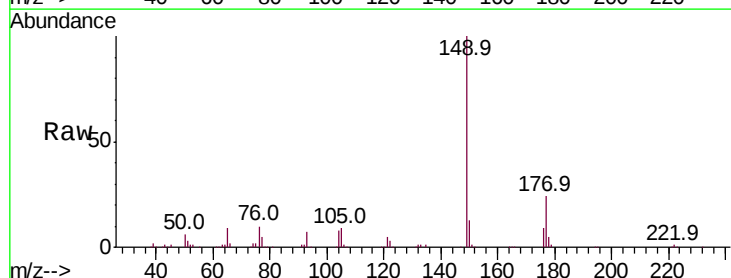


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

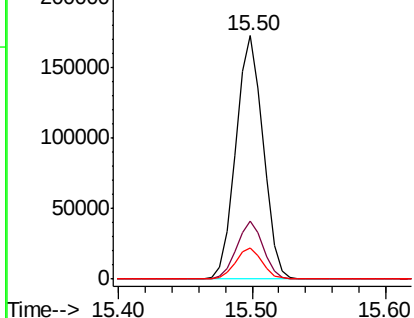
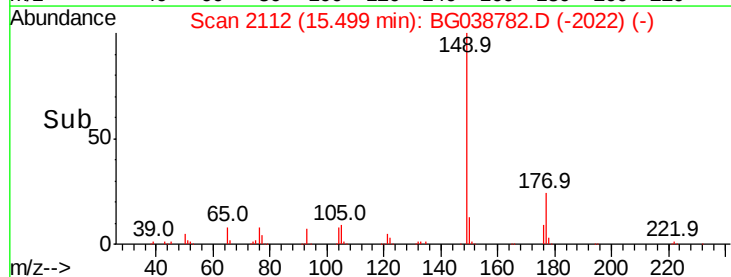


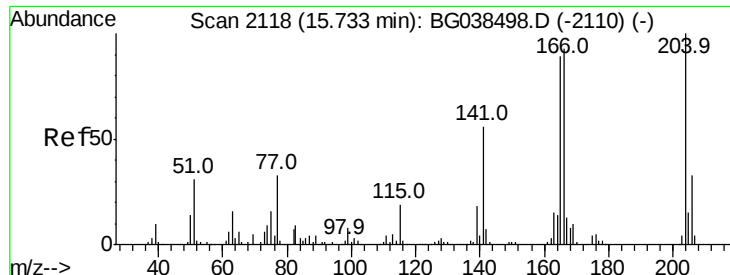
#60
 Diethylphthalate
 Concen: 41.144 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Tgt Ion:149 Resp: 243191
 Ion Ratio Lower Upper
 149 100
 177 23.7 17.7 26.5
 150 12.6 9.9 14.9



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

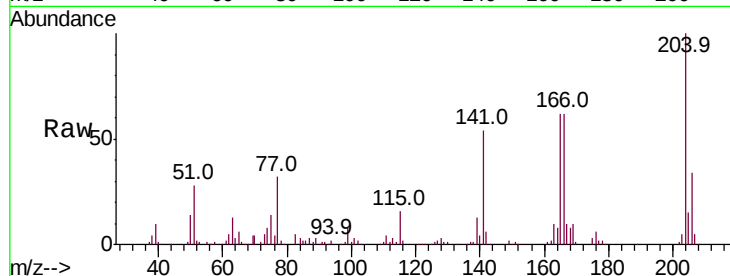




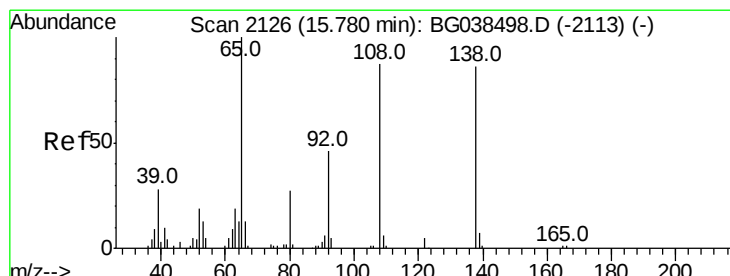
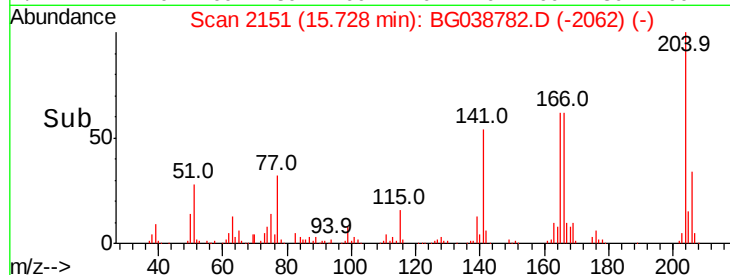
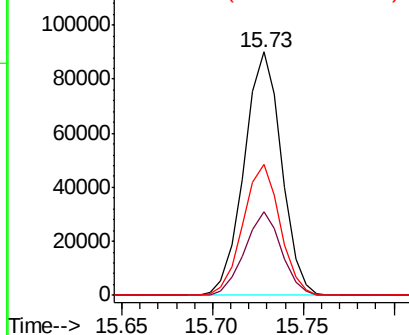
#61
 4-Chlorophenyl-phenylether
 Concen: 42.702 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BS

Tot Ion:204 Resp: 129142
 Ion Ratio Lower Upper
 204 100
 206 34.4 26.0 39.0
 141 53.7 44.4 66.6

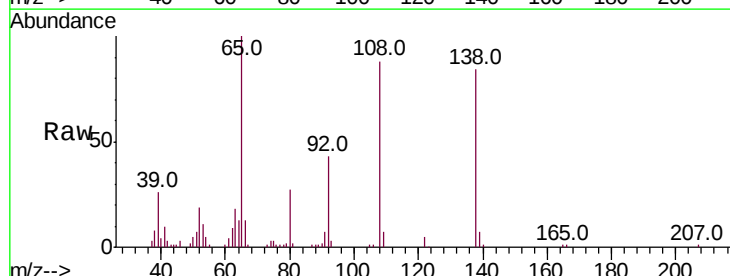


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

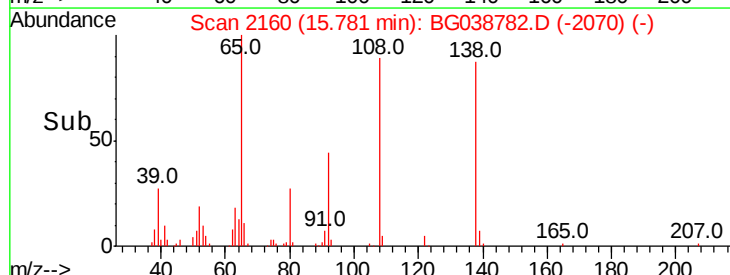
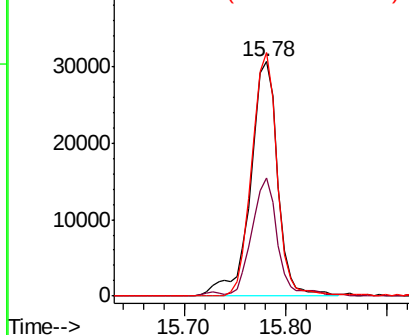


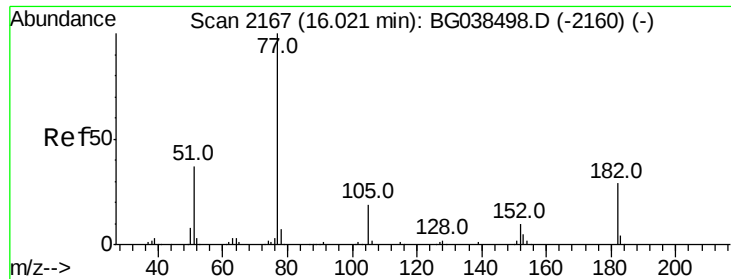
#62
 4-Nitroaniline
 Concen: 44.824 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Tgt Ion:138 Resp: 57398
 Ion Ratio Lower Upper
 138 100
 92 50.4 33.3 73.3
 108 103.9 81.4 121.4



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

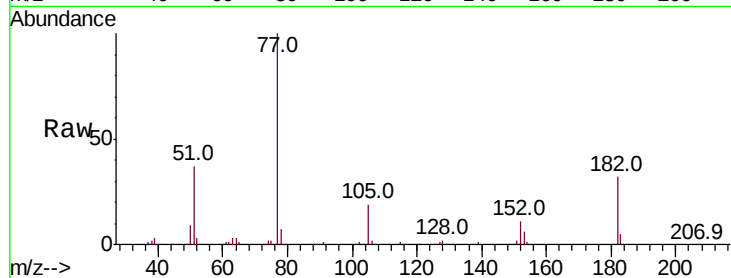




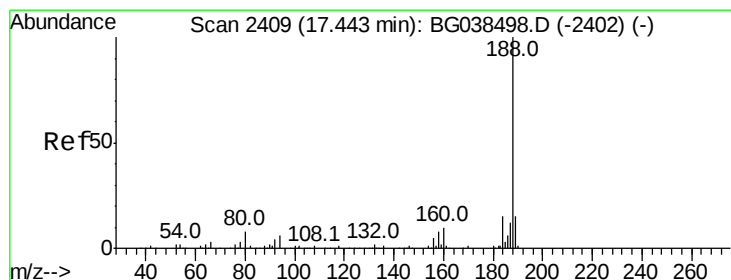
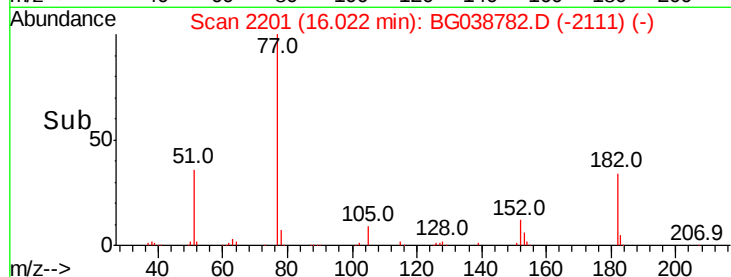
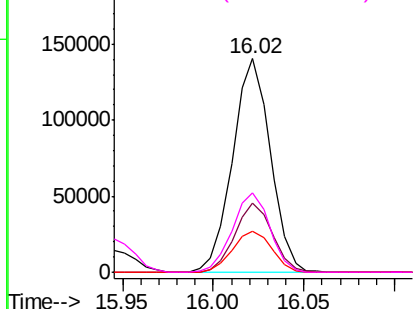
#63
Azobenzene
Concen: 40.994 ng
RT: 16.02 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion:	77	Resp:	202417
Ion	Ratio	Lower	Upper
77	100		
182	32.2	8.7	48.7
105	19.2	0.0	38.7
51	37.2	16.6	56.6

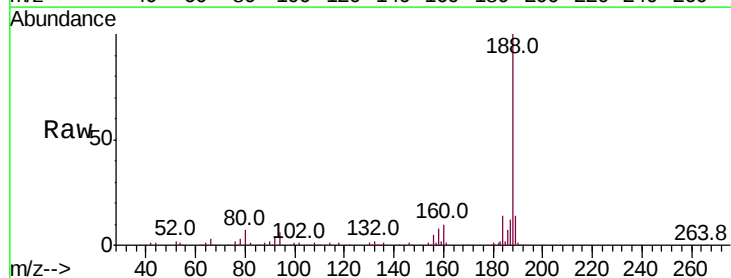


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

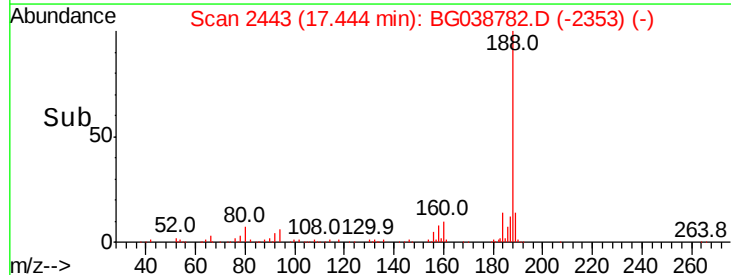
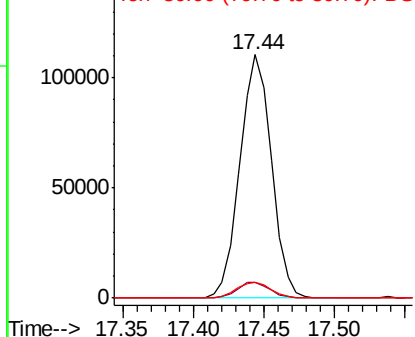


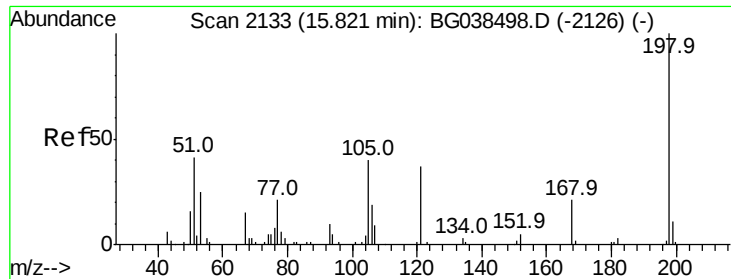
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:	188	Resp:	172561
Ion	Ratio	Lower	Upper
188	100		
94	6.3	5.1	7.7
80	6.5	6.1	9.1



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

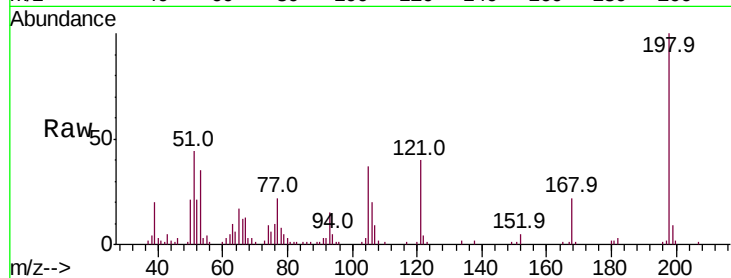




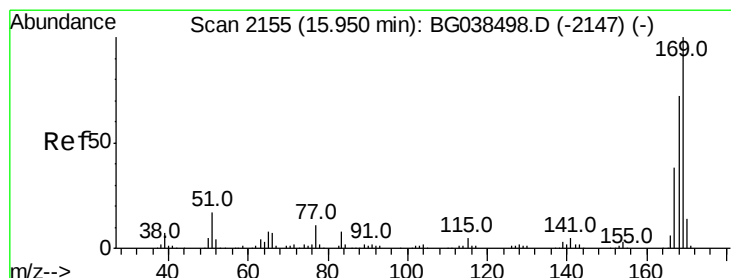
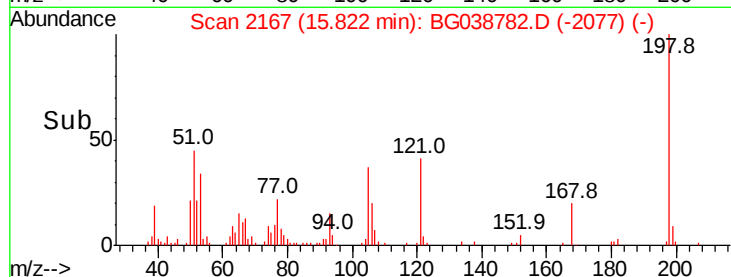
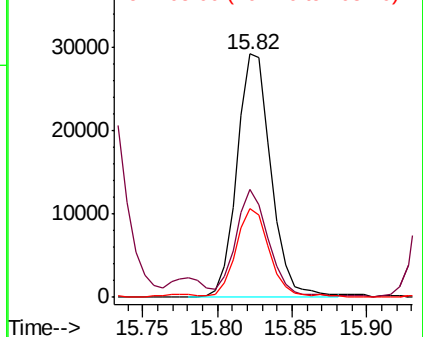
#65
4,6-Dinitro-2-methylphenol
Concen: 37.600 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion:198 Resp: 46284
Ion Ratio Lower Upper
198 100
51 44.4 28.6 68.6
105 36.6 20.4 60.4

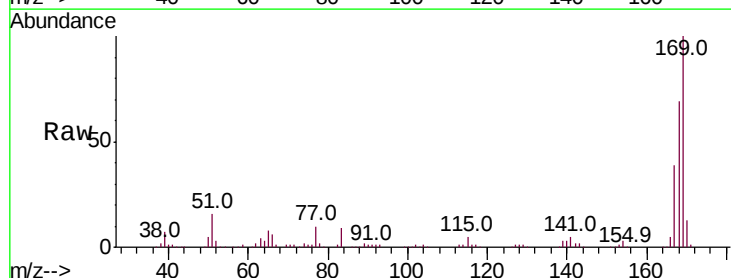


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

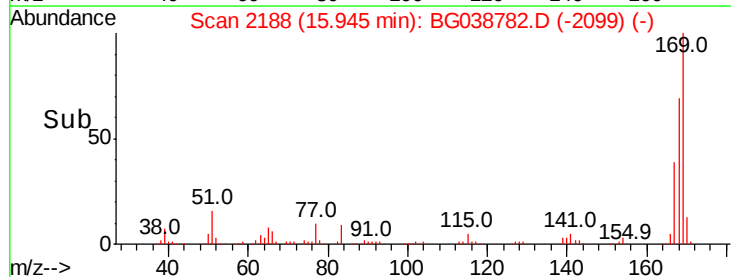
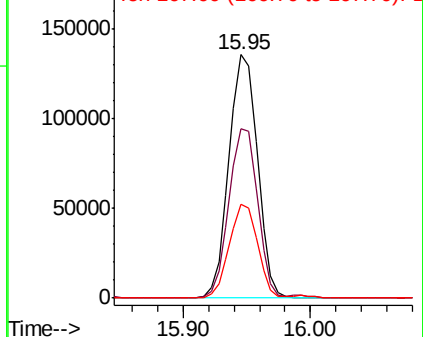


#66
n-Nitrosodiphenylamine
Concen: 41.754 ng
RT: 15.95 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:169 Resp: 211700
Ion Ratio Lower Upper
169 100
168 69.4 57.5 86.3
167 38.7 30.2 45.2



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

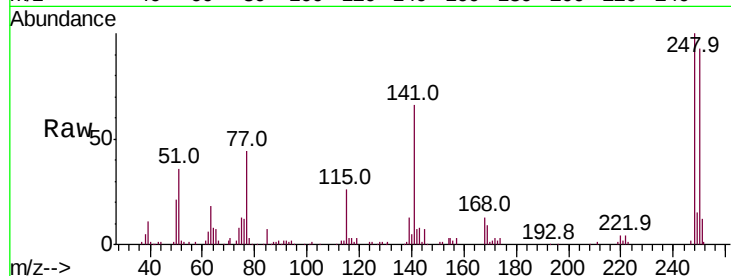




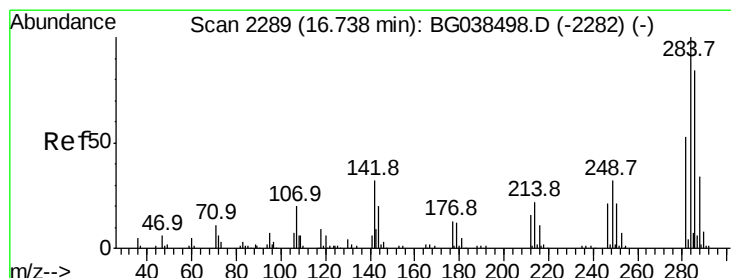
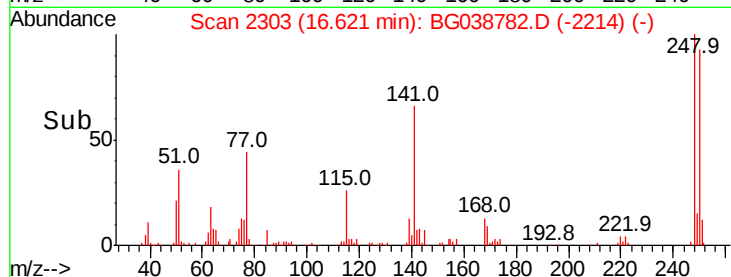
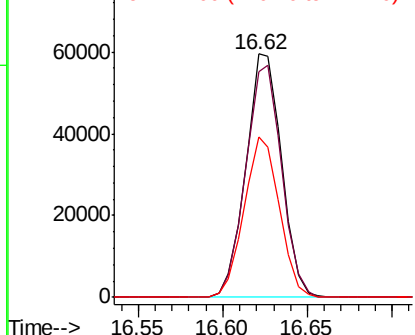
#67
 4-Bromophenyl-phenylether
 Concen: 41.421 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BS

Tot Ion:248 Resp: 87294
 Ion Ratio Lower Upper
 248 100
 250 92.7 73.4 110.2
 141 66.2 52.9 79.3

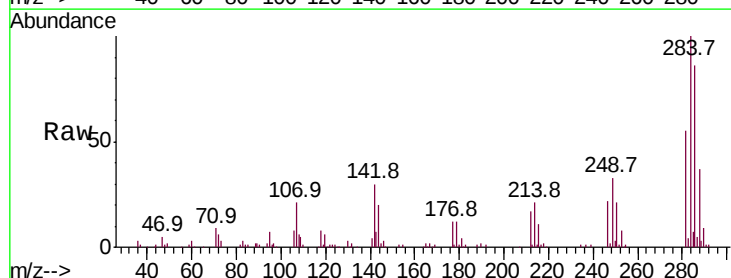


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

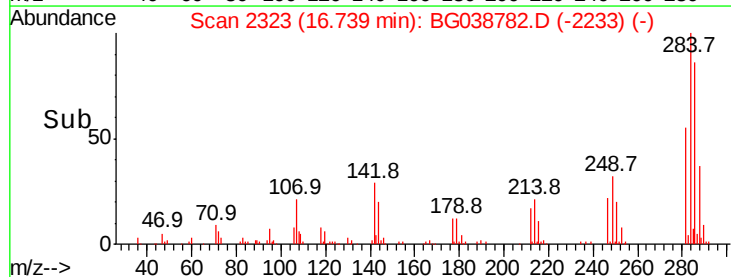
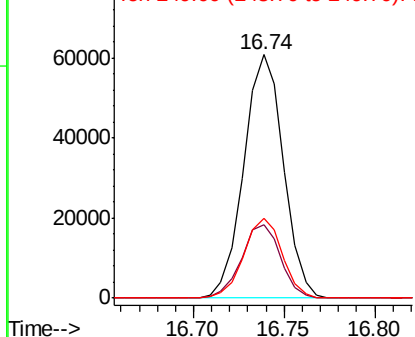


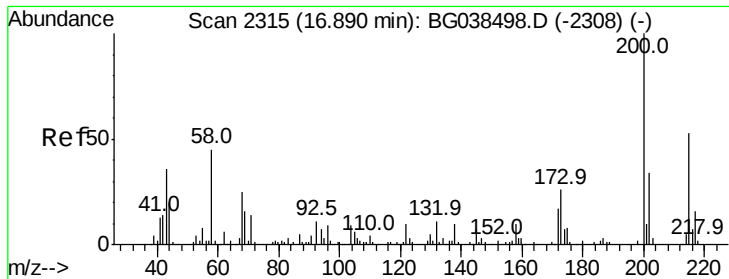
#68
 Hexachlorobenzene
 Concen: 42.324 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Tgt Ion:284 Resp: 92463
 Ion Ratio Lower Upper
 284 100
 142 30.0 25.8 38.6
 249 35.2 27.0 40.4



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: 47.362 ng

RT: 16.89 min Scan# 2349

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

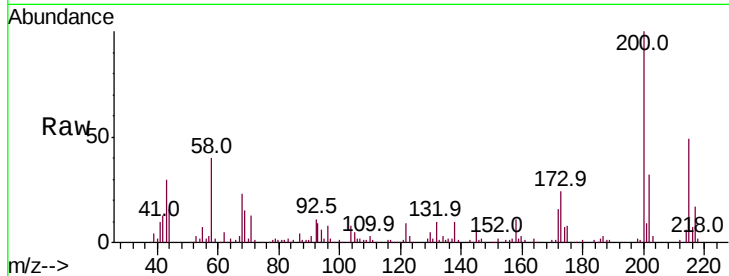
Tot Ion:200 Resp: 89117

Ion Ratio Lower Upper

200 100

173 24.2 5.9 45.9

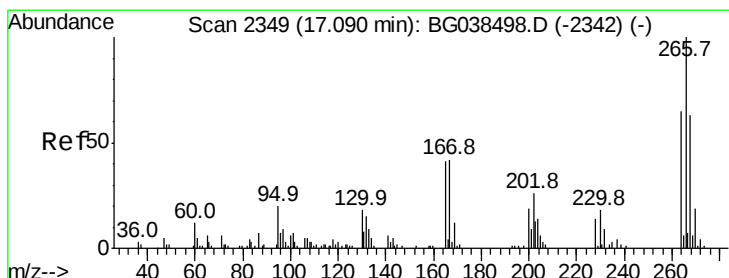
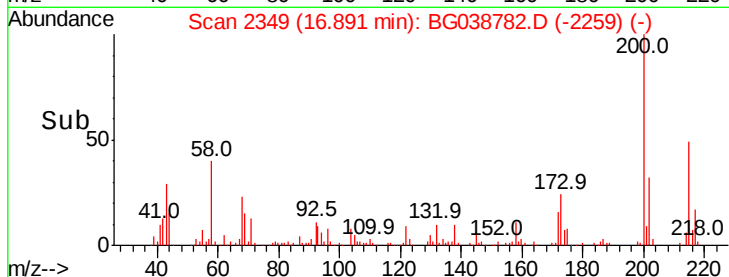
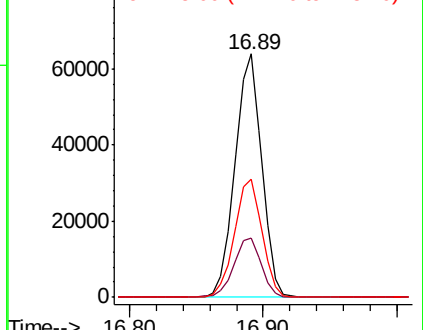
215 48.5 33.1 73.1



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: 74.806 ng

RT: 17.09 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

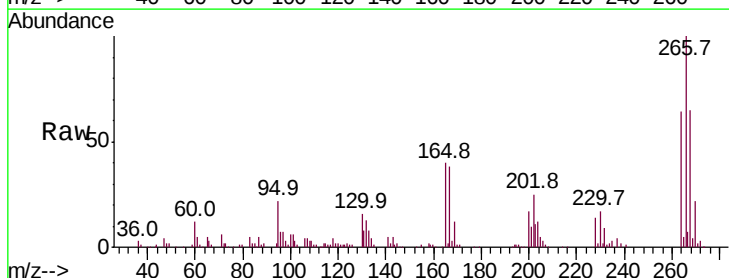
Tgt Ion:266 Resp: 96663

Ion Ratio Lower Upper

266 100

268 69.3 55.0 82.6

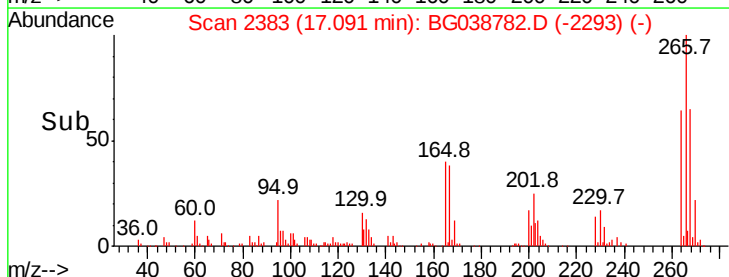
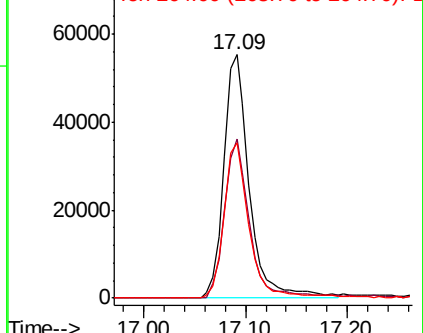
264 69.0 56.7 85.1

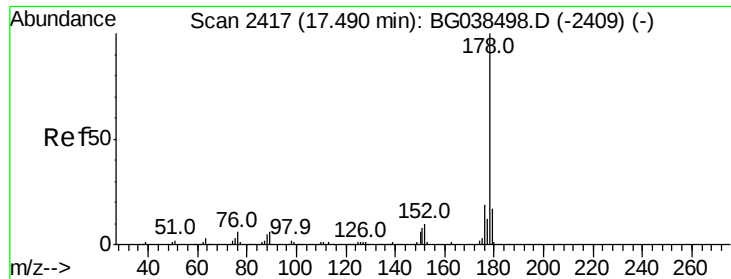


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

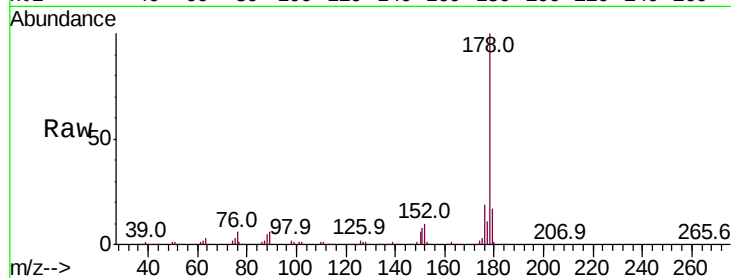




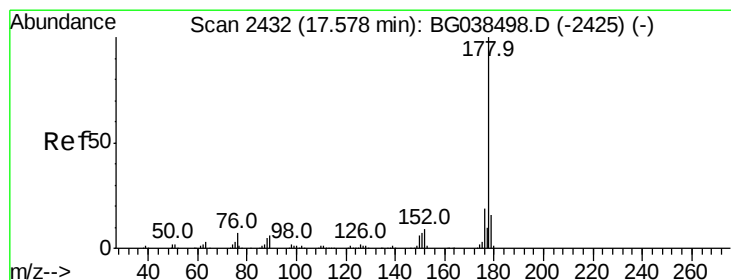
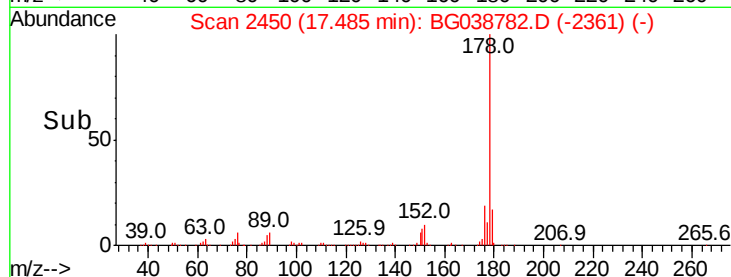
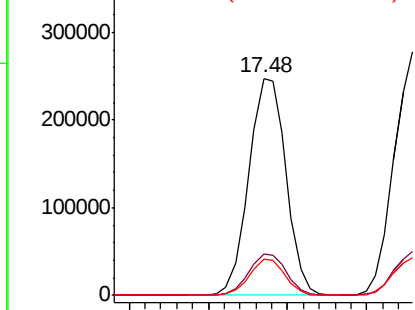
#71
Phenanthrene
Concen: 45.151 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Instrument :
BNA_G
ClientSampleId :
PB115836BS

Tot Ion:178 Resp: 404033
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 16.8 13.2 19.8

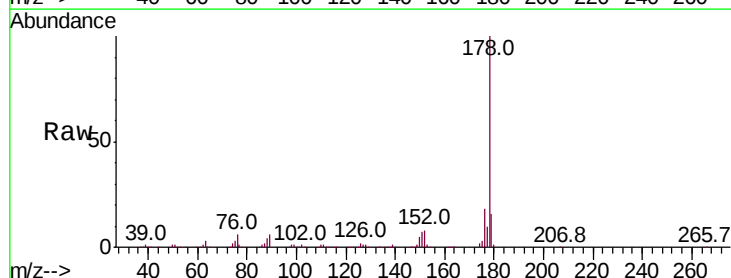


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

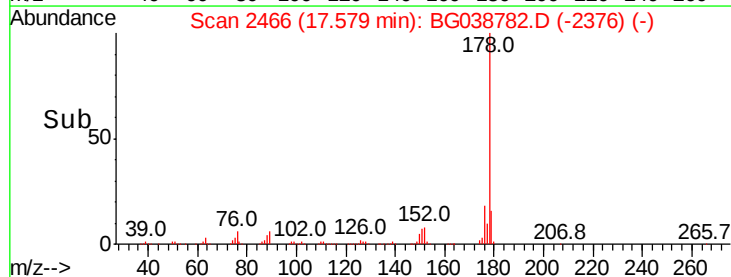
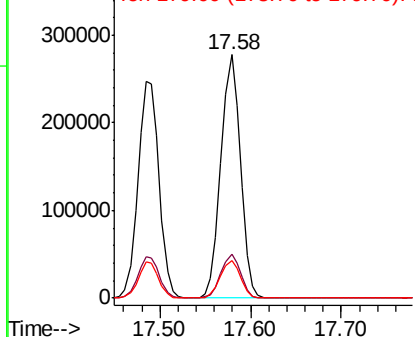


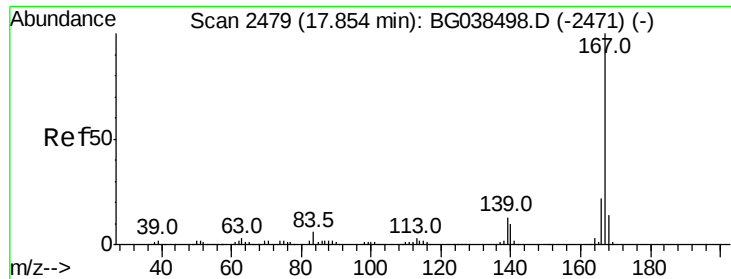
#72
Anthracene
Concen: 47.053 ng
RT: 17.58 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:178 Resp: 415663
Ion Ratio Lower Upper
178 100
176 18.3 15.1 22.7
179 15.5 12.9 19.3



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

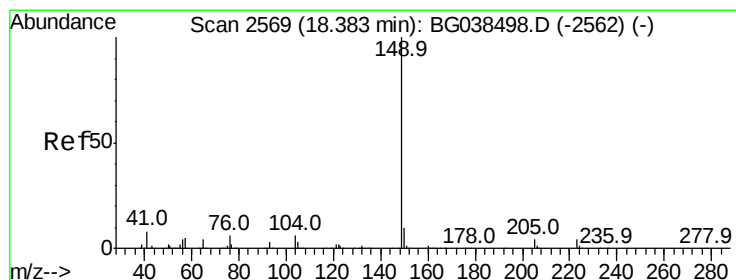
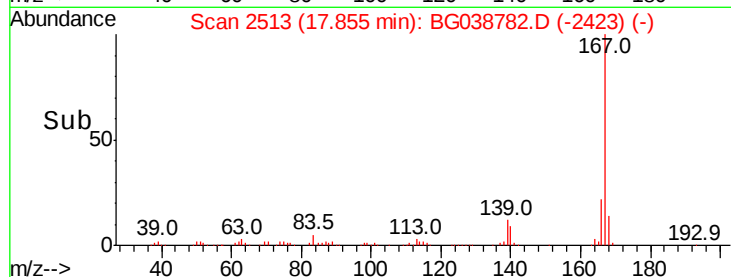
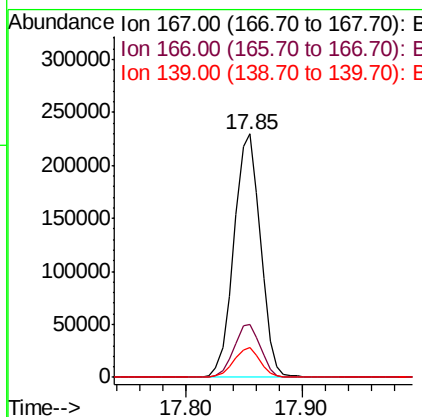
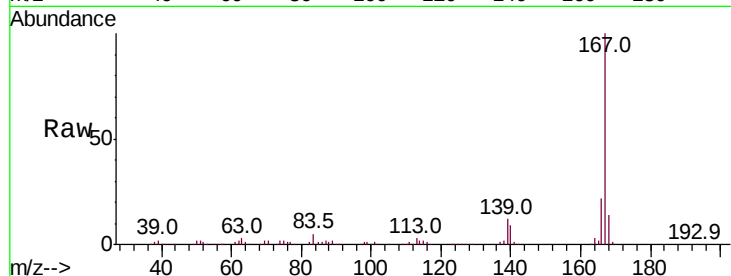




#73
 Carbazole
 Concen: 41.877 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

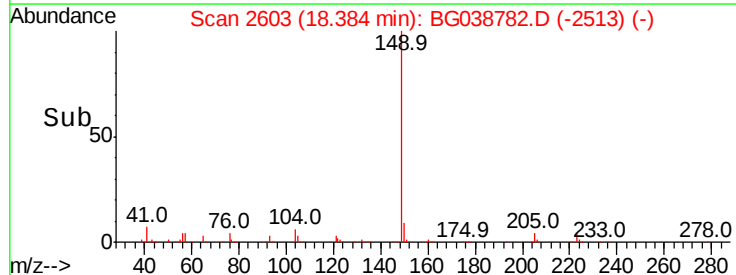
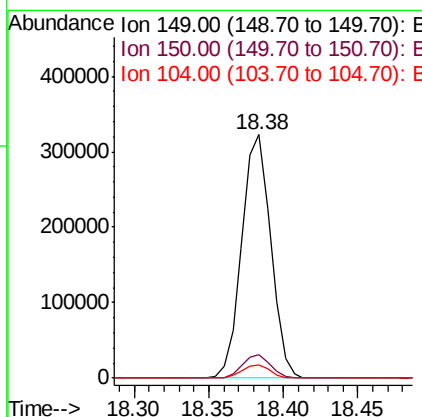
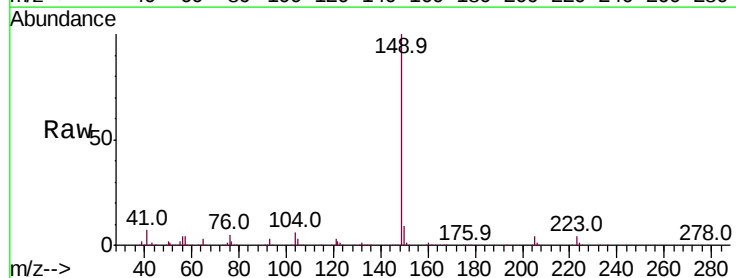
Instrument :
 BNA_G
 ClientSampleId :
 PB115836BS

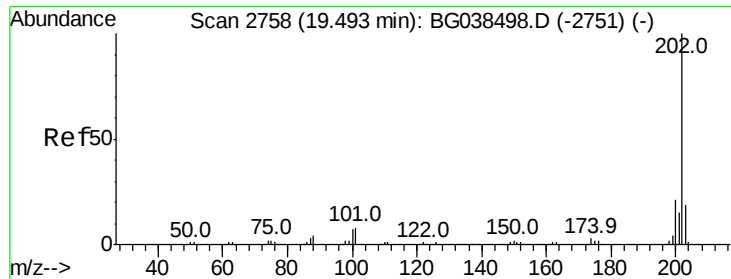
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.9	26.9
139	12.1	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 43.301 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.6	11.4
104	5.6	5.0	7.4

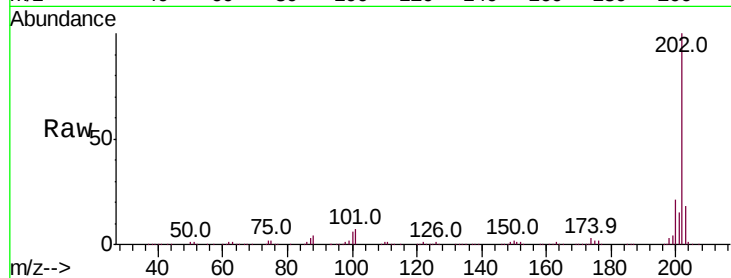




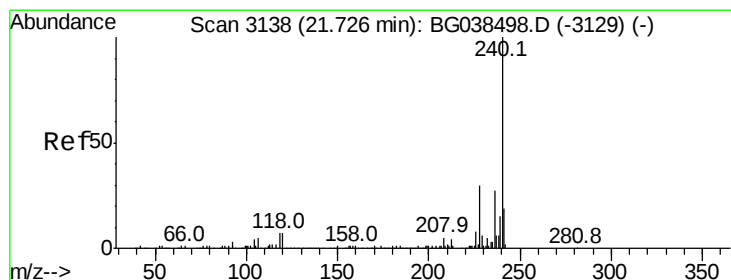
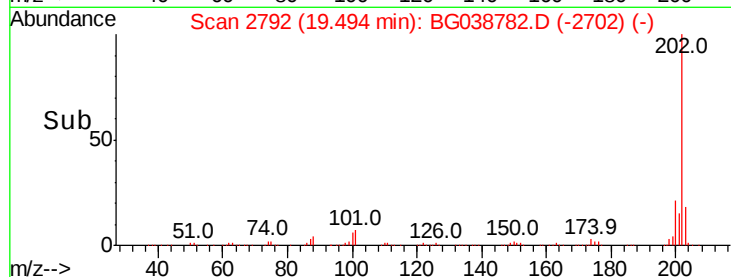
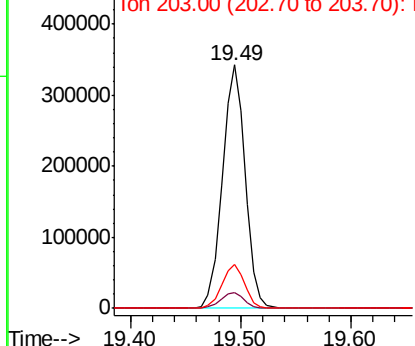
#75
 Fluoranthene
 Concen: 44.361 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115836BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.1
203	18.0	0.0	39.0

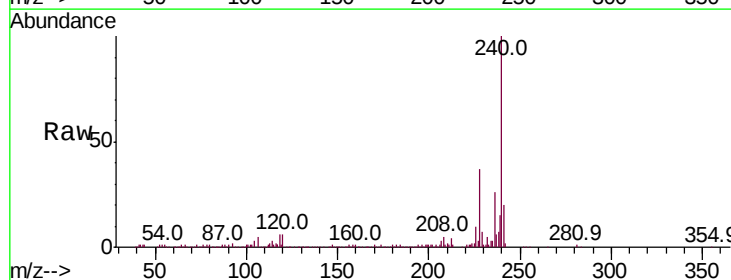


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

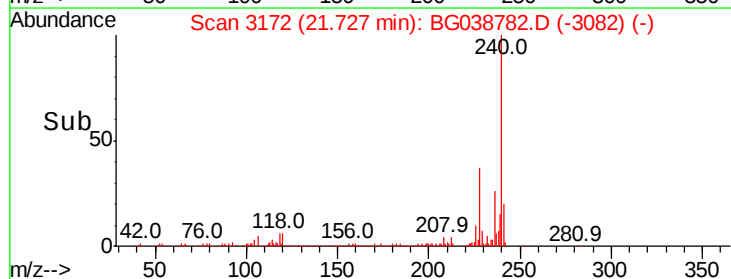
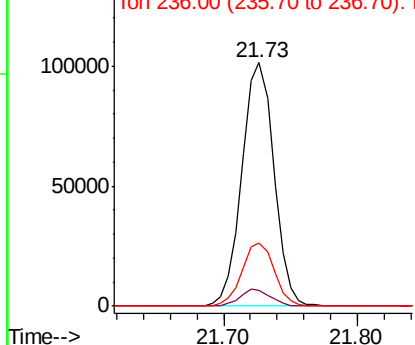


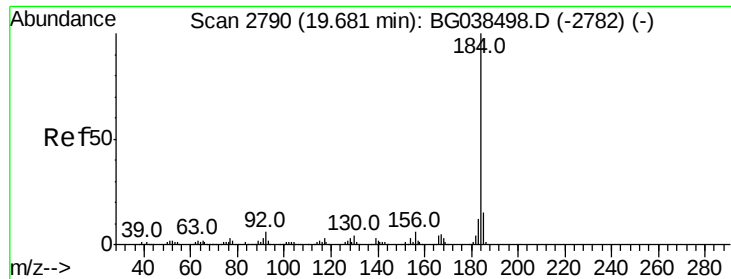
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3172
 Delta R.T. 0.00 min
 Lab File: BG038782.D
 Acq: 21 Dec 2018 11:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.4	5.3	7.9
236	25.7	21.4	32.2



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: 44.156 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

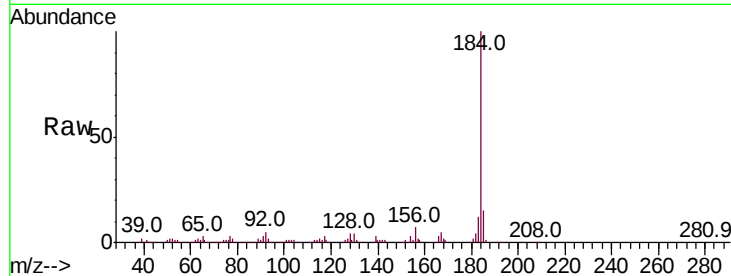
Tot Ion:184 Resp: 220278

Ion Ratio Lower Upper

184 100

185 15.1 12.2 18.2

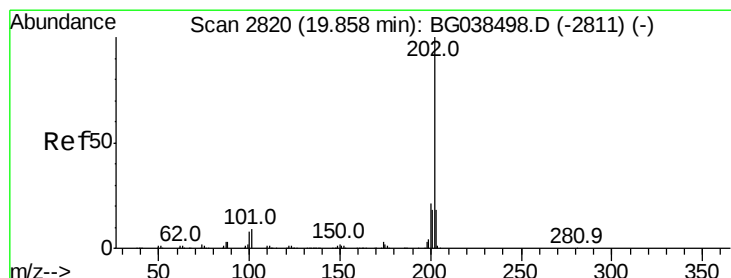
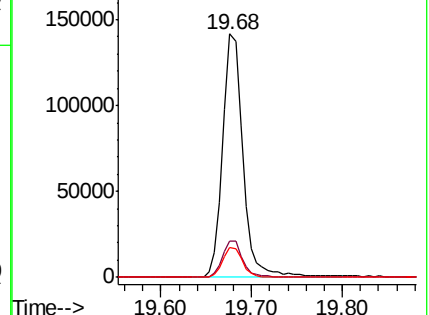
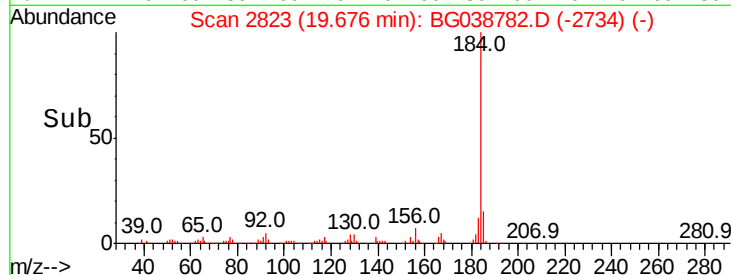
183 12.1 9.6 14.4



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: 44.253 ng

RT: 19.86 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

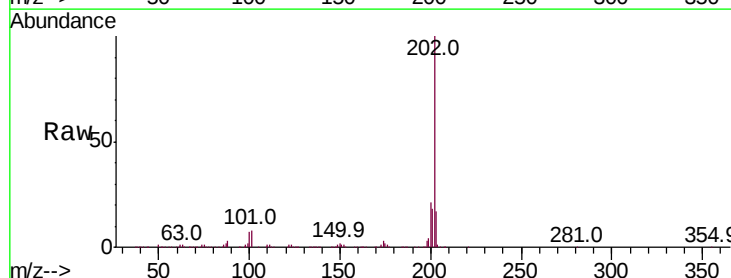
Tgt Ion:202 Resp: 493137

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

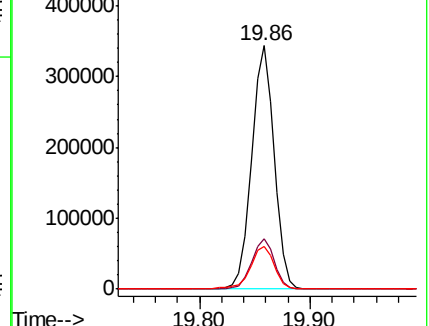
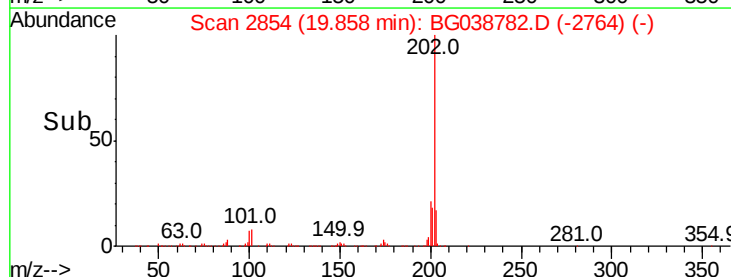
203 17.4 14.6 21.8

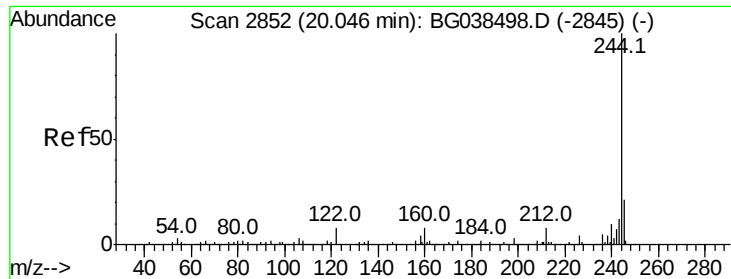


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.162 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

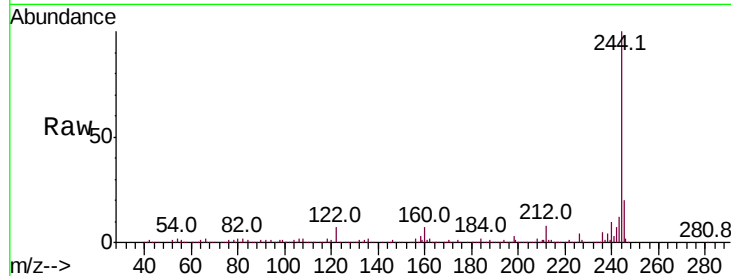
Tot Ion:244 Resp: 644564

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

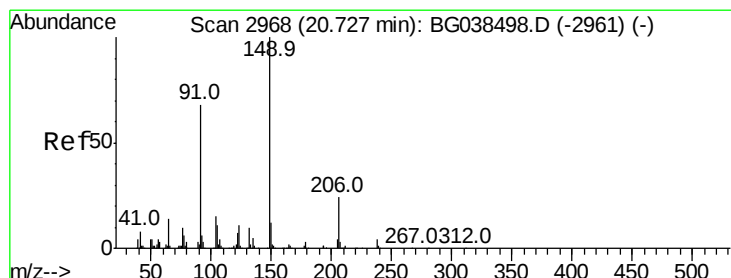
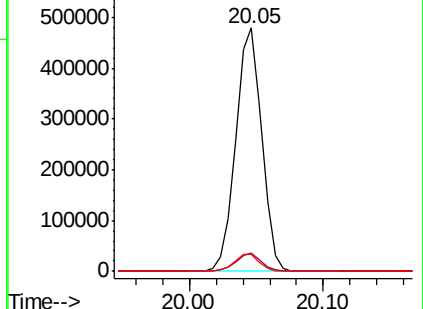
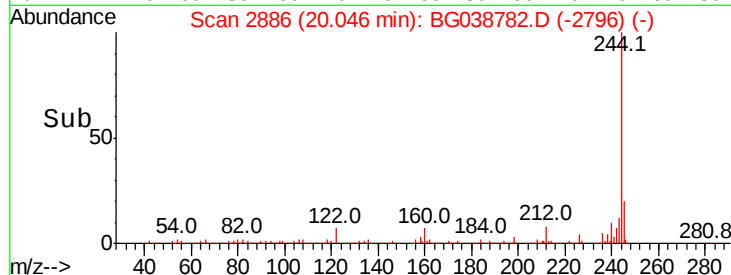
122 6.8 6.3 9.5



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: 42.369 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

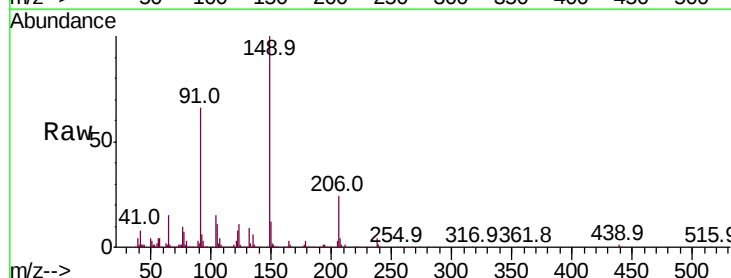
Tgt Ion:149 Resp: 184458

Ion Ratio Lower Upper

149 100

91 66.4 54.5 81.7

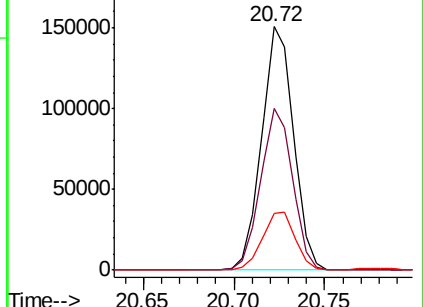
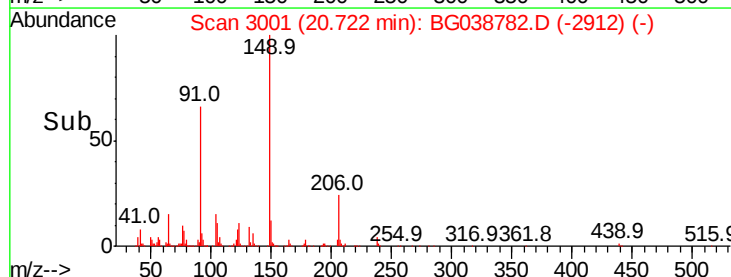
206 23.6 19.0 28.6

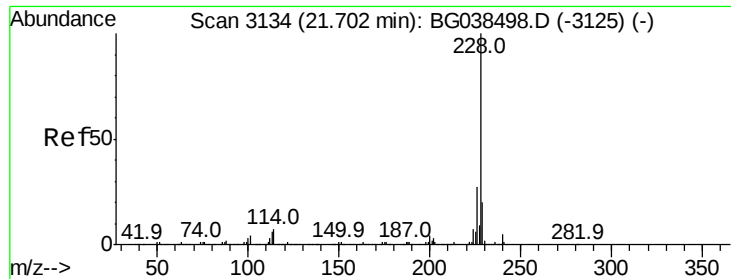


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

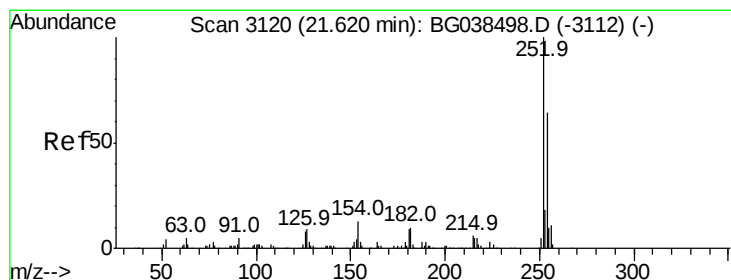
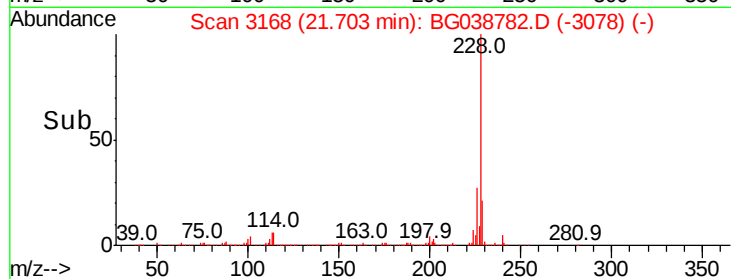
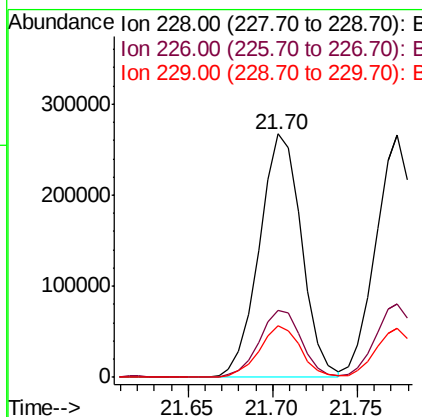
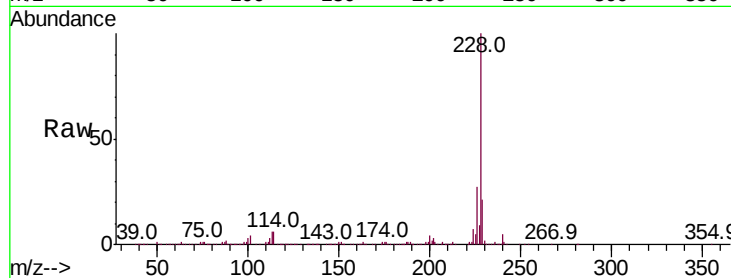




#81
Benzo(a)anthracene
Concen: 45.253 ng
RT: 21.70 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

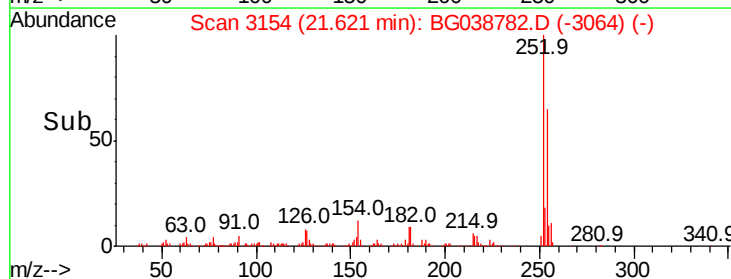
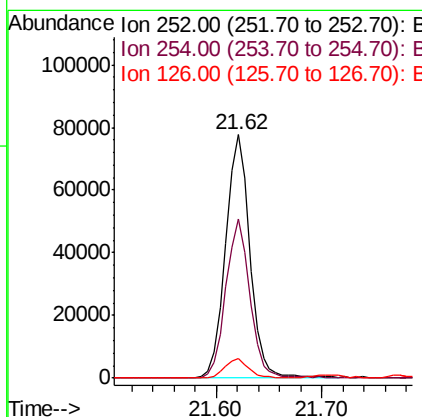
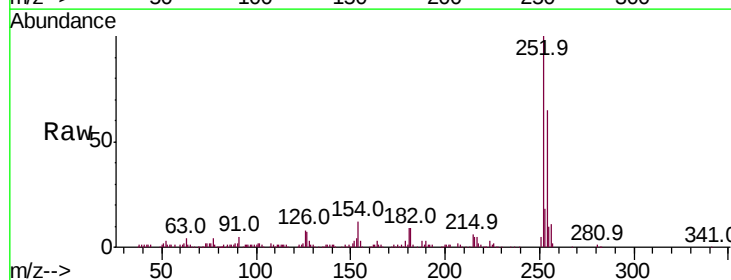
Instrument :
BNA_G
ClientSampleId :
PB115836BS

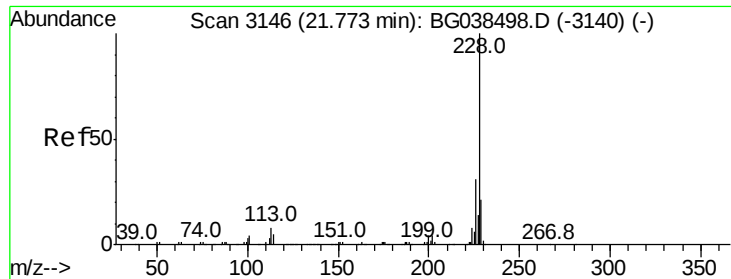
Tot Ion:228 Resp: 465131
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 21.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 30.380 ng
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:252 Resp: 123844
Ion Ratio Lower Upper
252 100
254 65.4 50.9 76.3
126 8.0 6.3 9.5





#83

Chrysene

Concen: 43.995 ng

RT: 21.77 min Scan# 3180

Delta R.T. 0.00 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

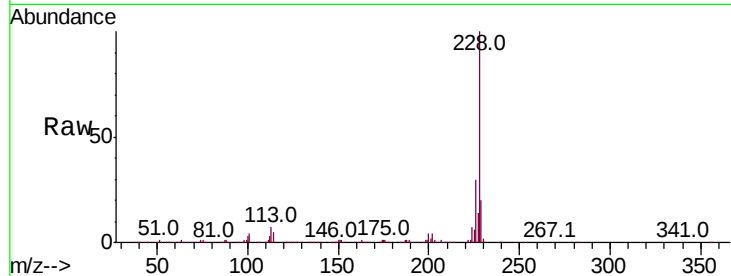
Tot Ion:228 Resp: 435565

Ion Ratio Lower Upper

228 100

226 30.2 25.0 37.4

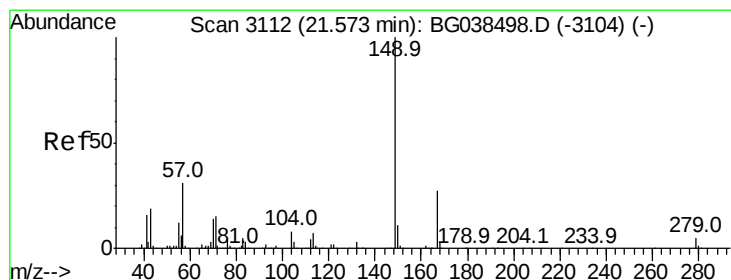
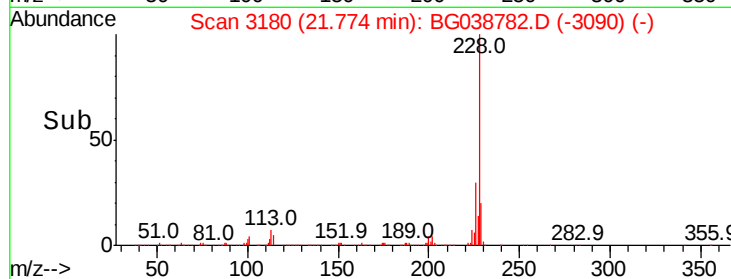
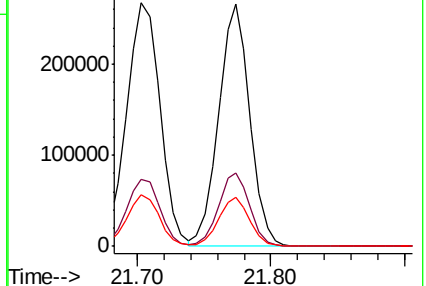
229 20.3 16.5 24.7



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: 41.401 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

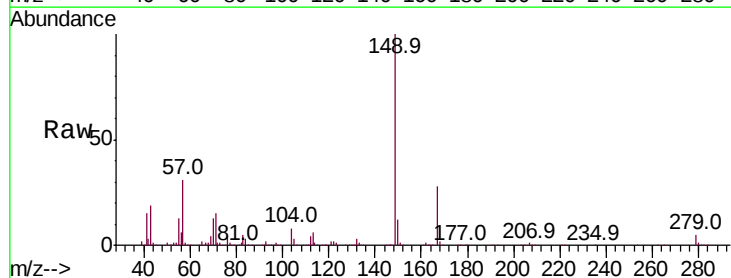
Tgt Ion:149 Resp: 255636

Ion Ratio Lower Upper

149 100

167 28.3 21.9 32.9

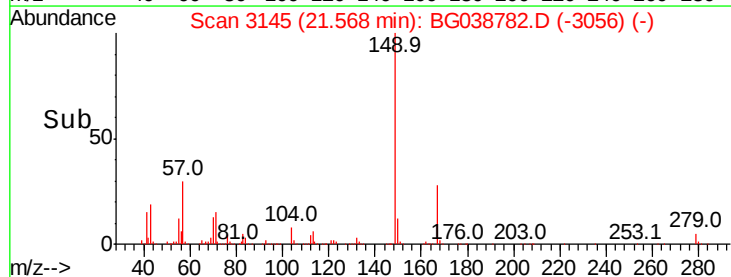
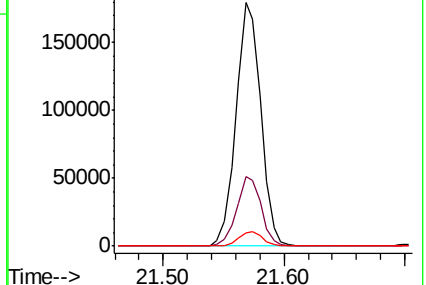
279 5.2 4.2 6.2

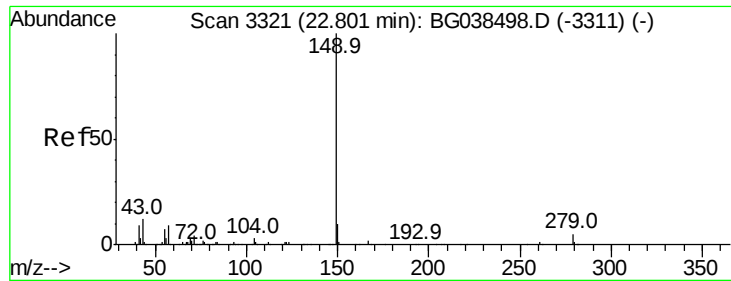


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

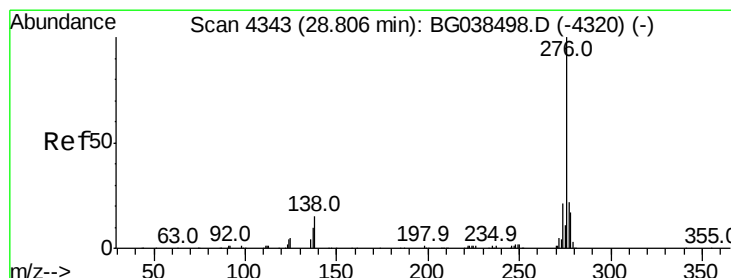
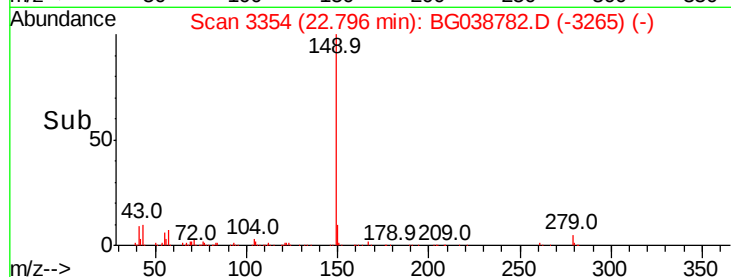
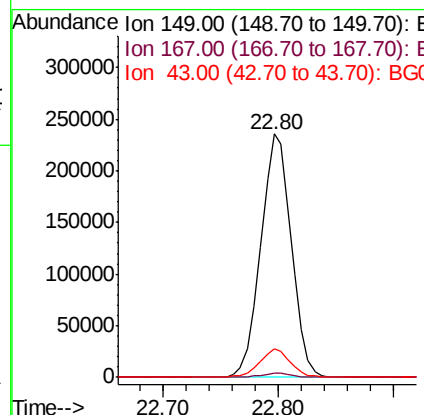
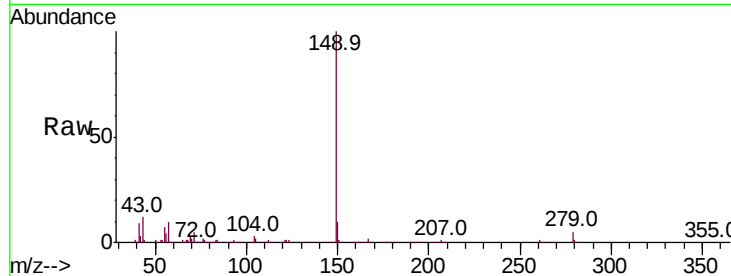




#85
Di-n-octyl phthalate
Concen: 41.924 ng
RT: 22.80 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

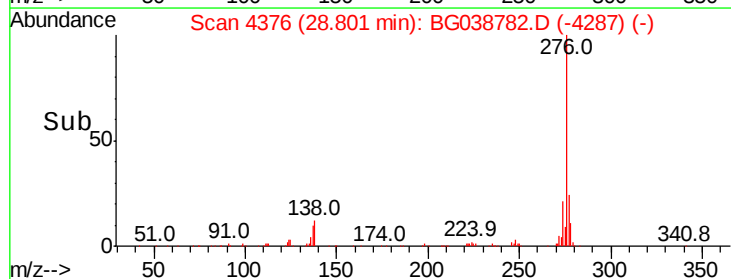
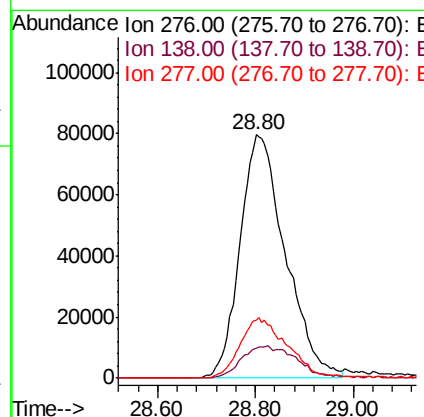
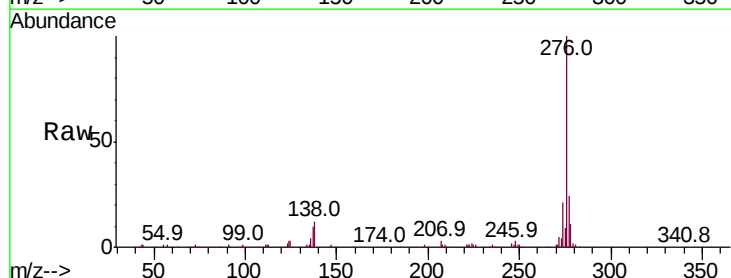
Instrument :
BNA_G
ClientSampleId :
PB115836BS

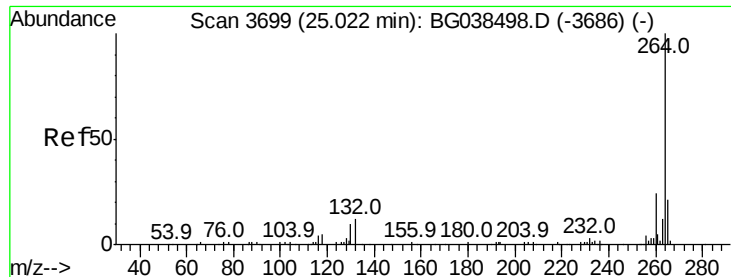
Tot Ion:149 Resp: 433536
Ion Ratio Lower Upper
149 100
167 1.8 1.2 1.8
43 11.3 9.3 13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.058 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion:276 Resp: 512808
Ion Ratio Lower Upper
276 100
138 0.0 14.4 21.6#
277 25.8 0.0 0.0#

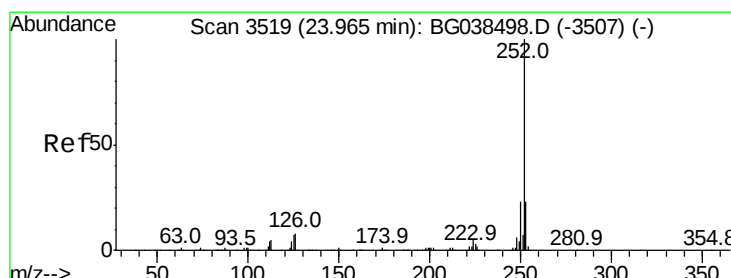
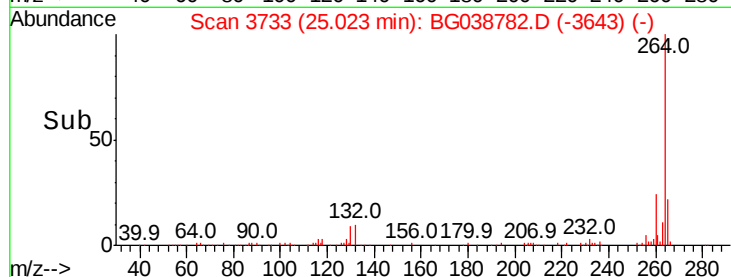
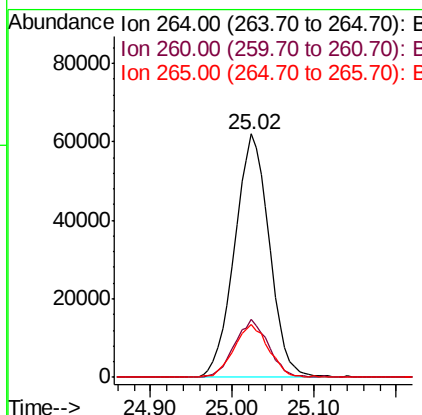
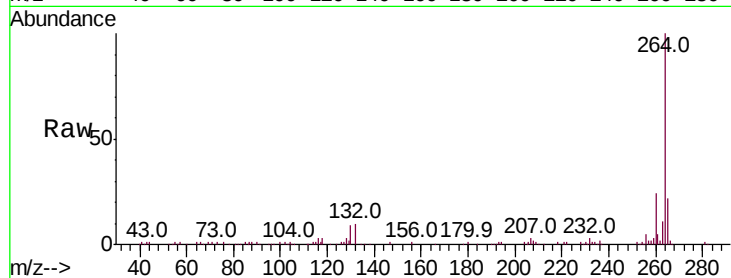




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

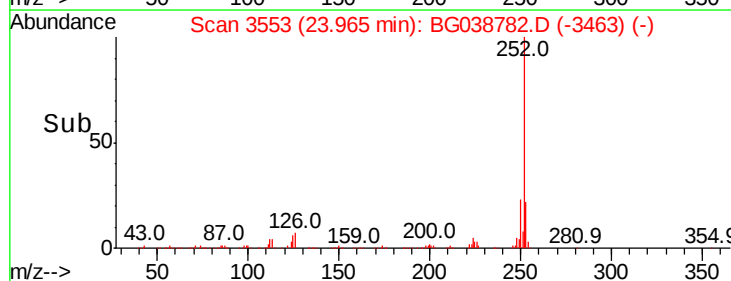
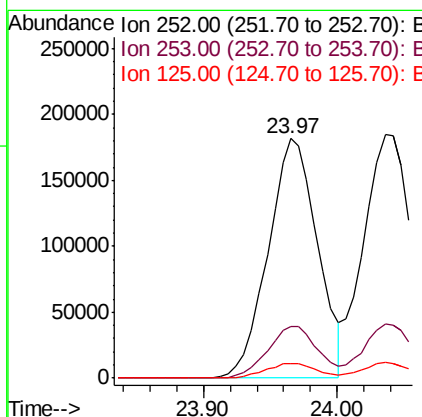
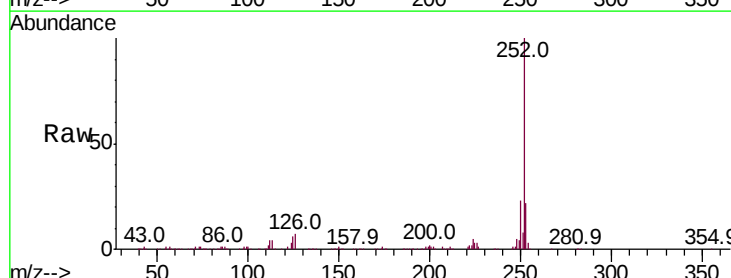
Instrument :
BNA_G
ClientSampleId :
PB115836BS

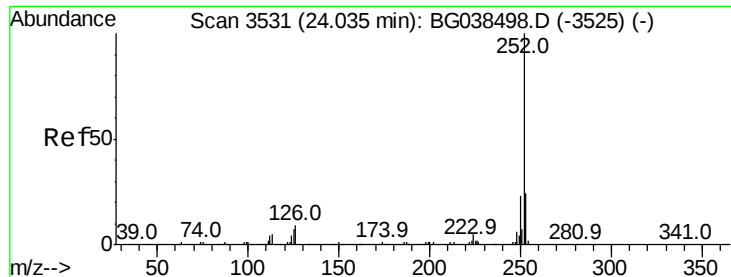
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	22.0	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 46.285 ng
RT: 23.97 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	6.3	5.5	8.3

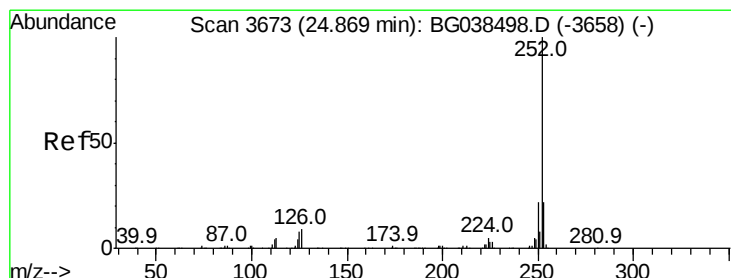
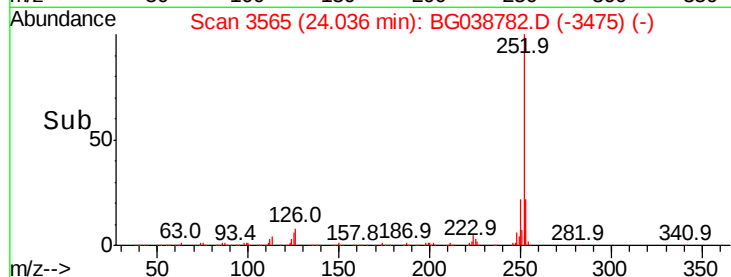
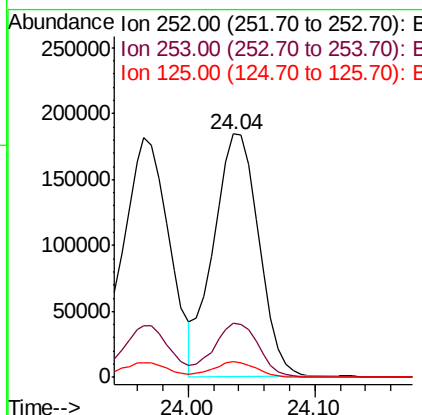
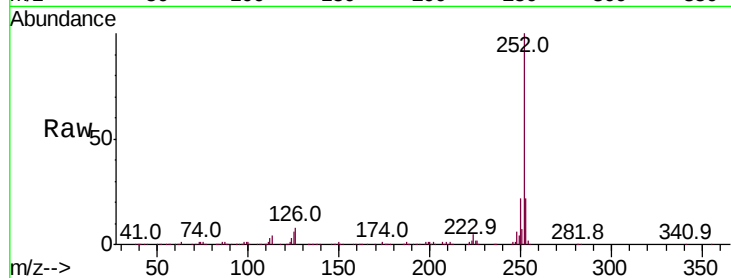




#89
Benzo(k)fluoranthene
Concen: 45.641 ng
RT: 24.04 min Scan# 3565
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

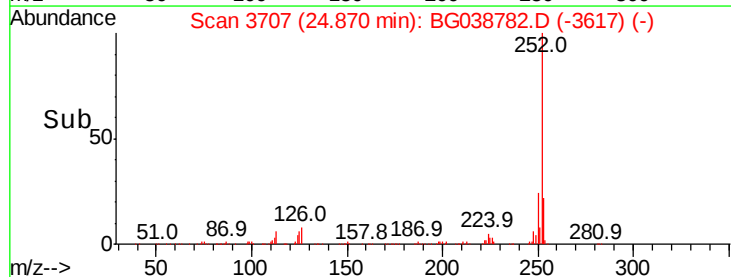
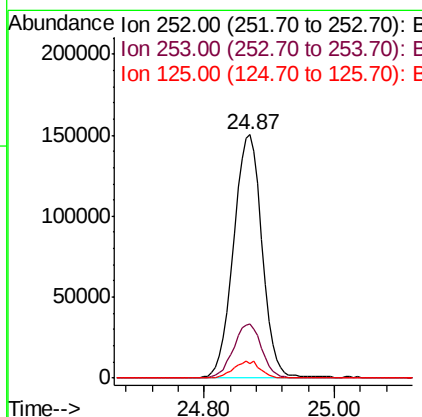
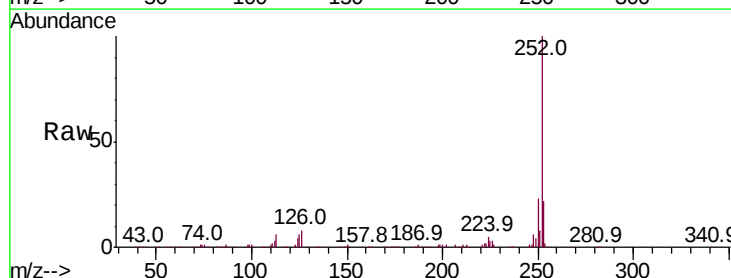
Instrument :
BNA_G
ClientSampleId :
PB115836BS

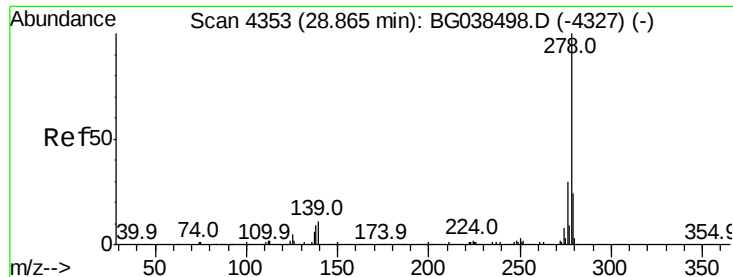
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.9	28.3
125	6.2	5.4	8.2



#90
Benzo(a)pyrene
Concen: 47.065 ng
RT: 24.87 min Scan# 3707
Delta R.T. 0.00 min
Lab File: BG038782.D
Acq: 21 Dec 2018 11:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	6.0	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 45.142 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

Instrument :

BNA_G

ClientSampleId :

PB115836BS

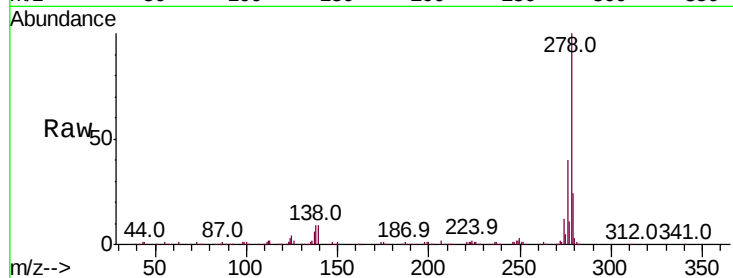
Tot Ion:278 Resp: 435544

Ion Ratio Lower Upper

278 100

139 9.4 8.6 12.8

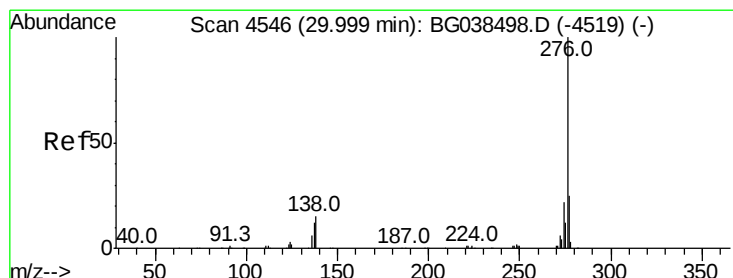
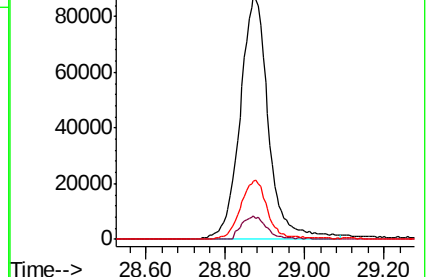
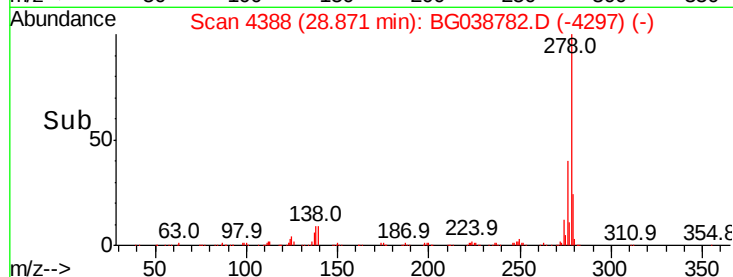
279 24.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.237 ng

RT: 30.01 min Scan# 4582

Delta R.T. 0.01 min

Lab File: BG038782.D

Acq: 21 Dec 2018 11:26

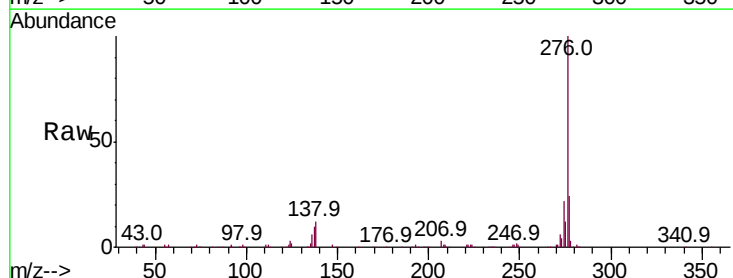
Tgt Ion:276 Resp: 420629

Ion Ratio Lower Upper

276 100

277 23.5 19.8 29.8

138 12.2 11.8 17.6



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

