

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120718\
 Data File : BG038416.D
 Acq On : 7 Dec 2018 23:25
 Operator : JU/SJ
 Sample : PB115432BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Quant Time: Dec 08 04:09:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20461	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	92059	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	38974	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	131051	20.00	ng	0.00
76) Chrysene-d12	21.73	240	103325	20.00	ng	-0.01
87) Perylene-d12	25.03	264	1755	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	141266	122.18	ng	0.00
7) Phenol-d6	7.22	99	121267	72.57	ng	0.00
23) Nitrobenzene-d5	9.24	82	126437	68.19	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	84941	177.53	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	445346	162.82	ng	0.00
79) Terphenyl-d14	20.05	244	503263	104.34	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.50	88	17816	33.620	ng	# 83
4) n-Nitrosodimethylamine	3.83	42	31795	45.785	ng	86
6) Aniline	7.49	93	51679	24.212	ng	# 53
8) 2-Chlorophenol	7.63	128	57134	42.548	ng	97
9) Benzaldehyde	7.21	77	18145	17.147	ng	95
10) Phenol	7.25	94	54896	31.091	ng	91
11) bis(2-Chloroethyl)ether	7.49	93	51679	35.738	ng	97
12) 1,3-Dichlorobenzene	7.95	146	56287	35.865	ng	97
13) 1,4-Dichlorobenzene	8.11	146	56906	35.044	ng	97
14) 1,2-Dichlorobenzene	8.42	146	56809	37.482	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.59	45	121153	36.834	ng	96
17) 2-Methylphenol	8.50	107	32234	23.677	ng	95
18) Hexachloroethane	9.15	117	21144	36.077	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	52505	43.154	ng	93
20) 3+4-Methylphenols	8.83	107	46609	26.202	ng	94
22) Acetophenone	8.90	105	90696	40.871	ng	# 95
24) Nitrobenzene	9.29	77	69880	37.094	ng	99
25) Isophorone	9.80	82	146075	44.827	ng	97
26) 2-Nitrophenol	10.00	139	32930	37.725	ng	# 85
27) 2,4-Dimethylphenol	10.04	122	41788	33.330	ng	98
28) bis(2-Chloroethoxy)methane	10.28	93	5449	2.917	ng	# 89
29) 2,4-Dichlorophenol	10.53	162	63852	44.615	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	62664	37.299	ng	99
31) Naphthalene	10.94	128	180095	40.955	ng	99
32) Benzoic acid	10.18	122	34762	39.942	ng	96
33) 4-Chloroaniline	10.94	127	25318	13.006	ng	# 39
34) Hexachlorobutadiene	11.20	225	38253	36.395	ng	92
35) Caprolactam	11.95	113	15865	26.806	ng	# 83
36) 4-Chloro-3-methylphenol	12.15	107	99347	62.477	ng	99
37) 2-Methylnaphthalene	12.54	142	217298	69.388	ng	97
38) 1-Methylnaphthalene	12.75	142	205207	68.416	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	104144	77.656	ng	# 98
41) Hexachlorocyclopentadiene	12.86	237	142738	193.679	ng	97
43) 2,4,6-Trichlorophenol	13.14	196	75671	87.104	ng	97

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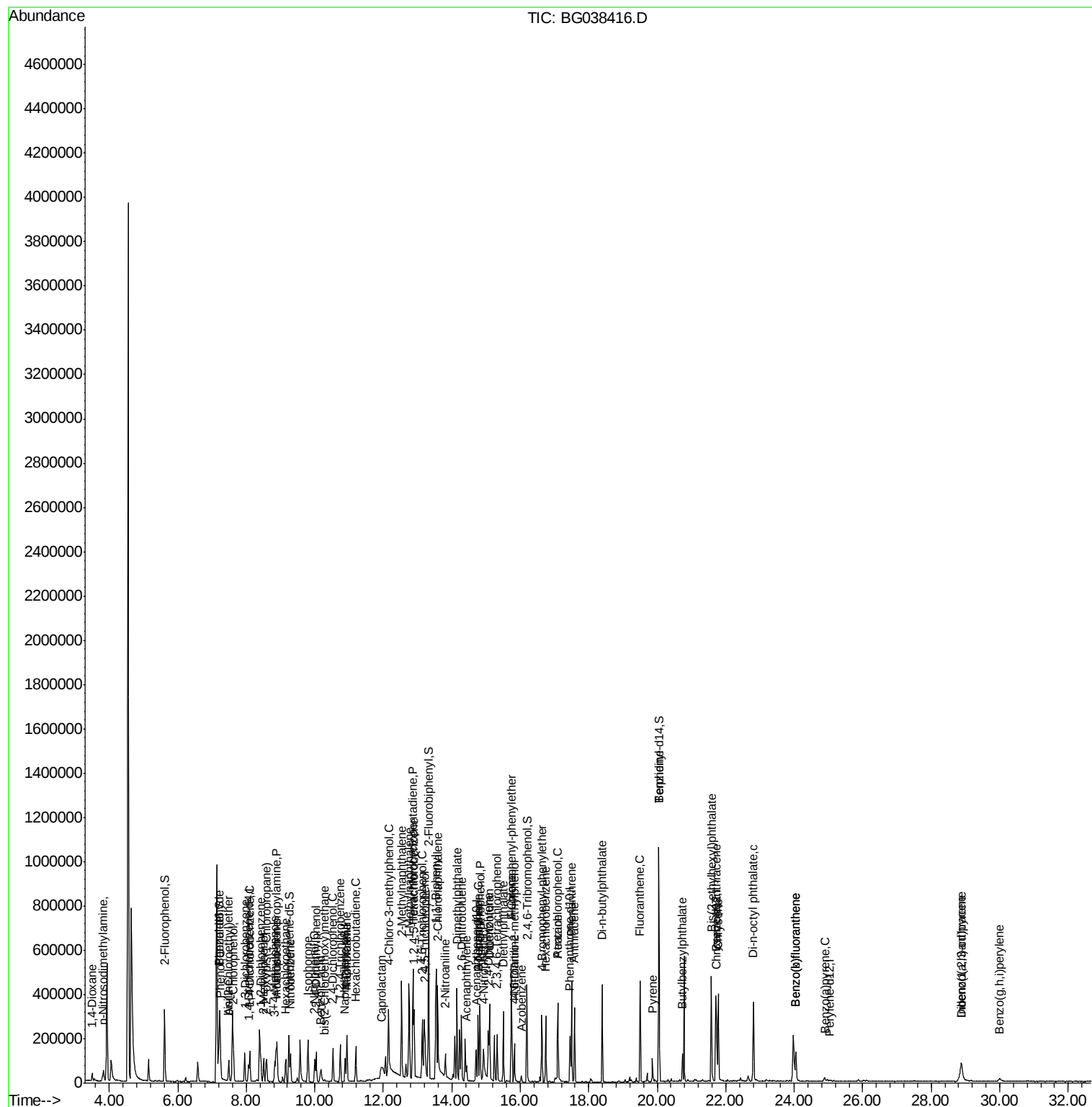
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.21	196	84226	91.517	ng	96
46) 1,1'-Biphenyl	13.54	154	281310	85.390	ng	100
47) 2-Chloronaphthalene	13.59	162	221070	88.927	ng	97
48) 2-Nitroaniline	13.81	65	34837	41.770	ng	98
49) Acenaphthylene	14.43	152	52902	14.130	ng	99
50) Dimethylphthalate	14.15	163	284950	91.153	ng	99
51) 2,6-Dinitrotoluene	14.29	165	66531	93.169	ng	98
52) Acenaphthene	14.77	154	108506	47.539	ng	100
53) 3-Nitroaniline	14.76	138	4288	5.576	ng #	68
54) 2,4-Dinitrophenol	14.82	184	85598	218.673	ng	89
55) Dibenzofuran	15.10	168	224201	59.416	ng	95
56) 4-Nitrophenol	14.93	139	73353	120.743	ng	96
57) 2,4-Dinitrotoluene	15.07	165	64992	65.989	ng	95
58) Fluorene	15.75	166	166200	59.784	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	51348	64.239	ng	98
60) Diethylphthalate	15.51	149	189017	54.577	ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	95307	57.076	ng	99
62) 4-Nitroaniline	15.84	138	4152	5.489	ng	89
63) Azobenzene	16.03	77	14429	4.761	ng	88
65) 4,6-Dinitro-2-methylphenol	15.83	198	40345	46.986	ng	94
67) 4-Bromophenyl-phenylether	16.64	248	63151	44.623	ng	96
68) Hexachlorobenzene	16.75	284	65162	44.640	ng	97
69) Atrazine	17.09	200	14322	10.415	ng #	34
70) Pentachlorophenol	17.09	266	73928	73.941	ng	95
71) Phenanthrene	17.49	178	292260	44.532	ng	99
72) Anthracene	17.59	178	231136	36.367	ng	99
74) Di-n-butylphthalate	18.39	149	329690	44.739	ng	97
75) Fluoranthene	19.50	202	312556	40.762	ng	96
77) Benzidine	20.05	184	8933	2.562	ng	97
78) Pyrene	19.86	202	75956	10.506	ng	96
80) Butylbenzylphthalate	20.73	149	38069	13.092	ng	96
81) Benzo(a)anthracene	21.71	228	252639	39.783	ng	99
83) Chrysene	21.78	228	273682	45.542	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	198019	48.047	ng	100
85) Di-n-octyl phthalate	22.81	149	329889	46.682	ng	96
86) Indeno(1,2,3-cd)pyrene	28.87	276	72578	10.627	ng #	85
88) Benzo(b)fluoranthene	24.05	252	137316	1384.745	ng	98
89) Benzo(k)fluoranthene	24.05	252	137313	1390.327	ng	98
90) Benzo(a)pyrene	24.89	252	24692	256.708	ng	98
91) Dibenzo(a,h)anthracene	28.88	278	173787	1904.970	ng	99
92) Benzo(g,h,i)perylene	30.00	276	30203	333.692	ng #	91

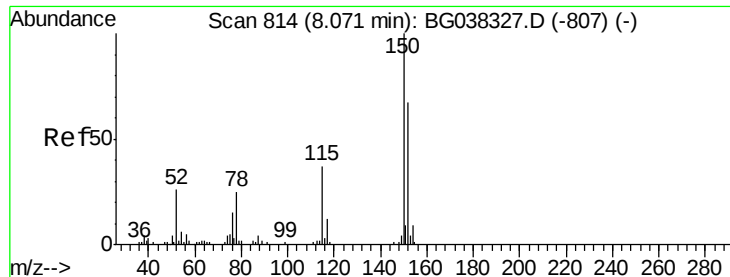
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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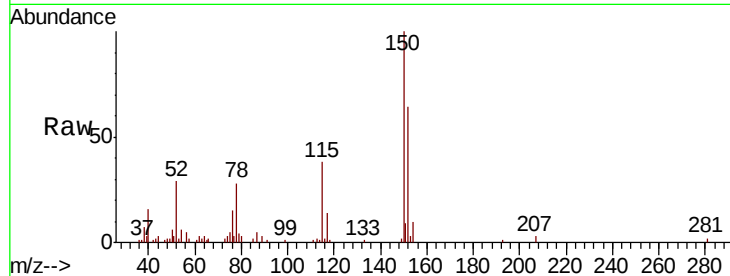


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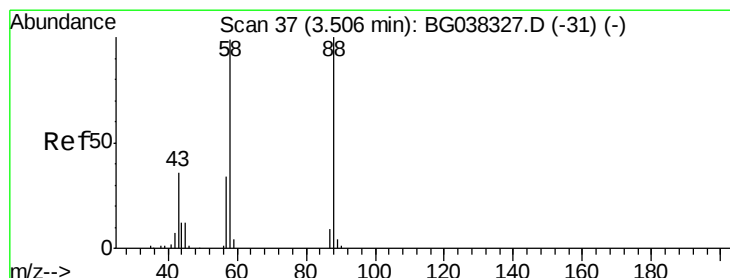
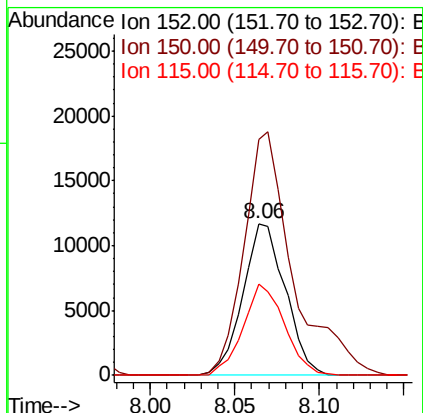
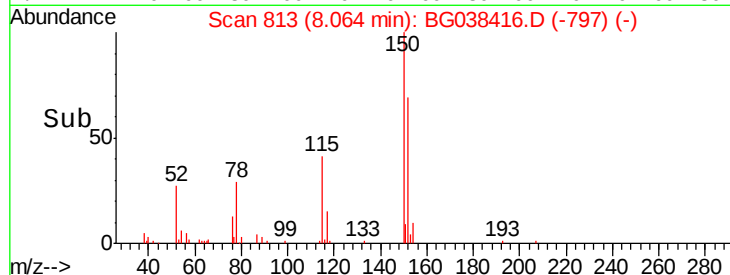
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tgt Ion:152 Resp: 20461
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 60.0 45.5 68.3



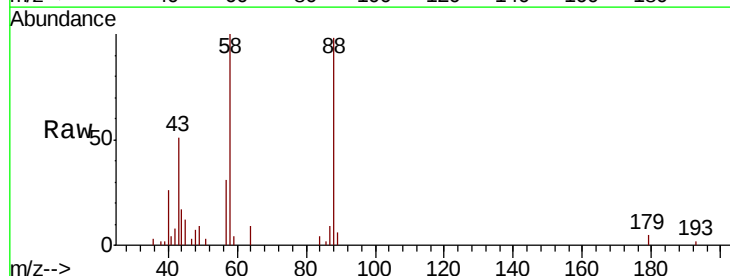
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



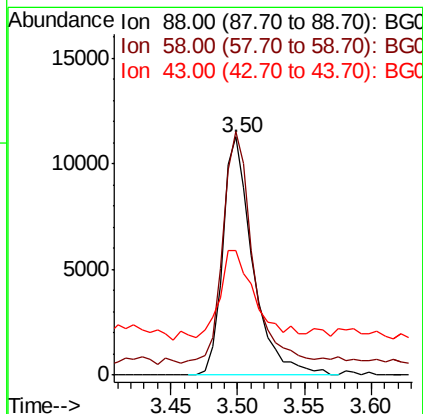
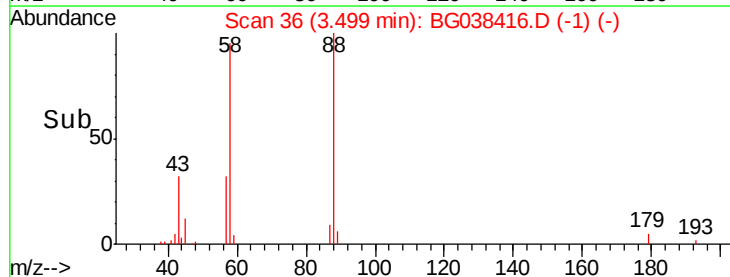
#2

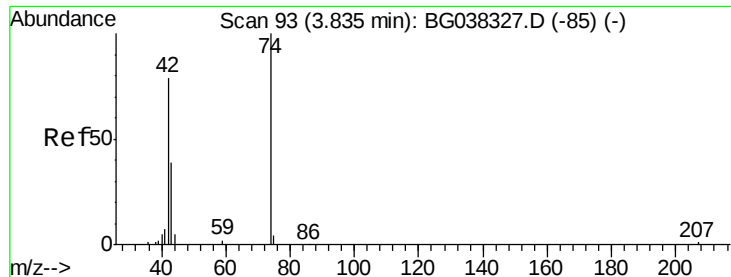
1,4-Dioxane
Concen: 33.620 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion: 88 Resp: 17816
Ion Ratio Lower Upper
88 100
58 95.4 74.4 111.6
43 0.0 25.8 38.8#



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



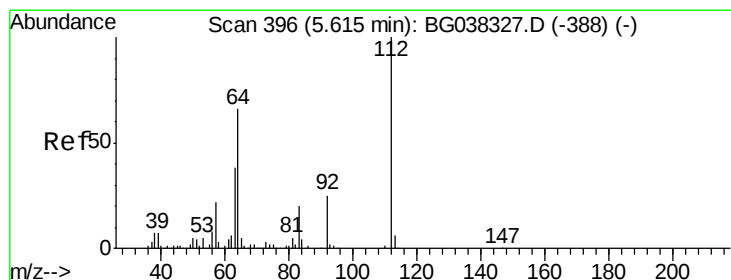
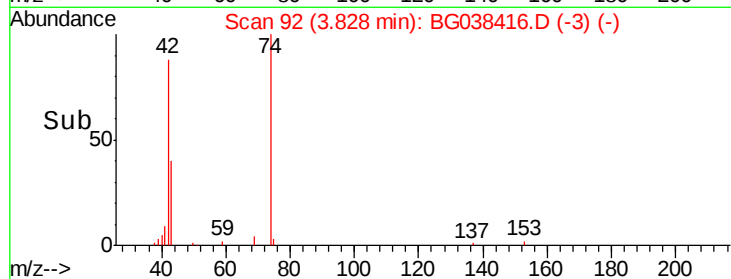
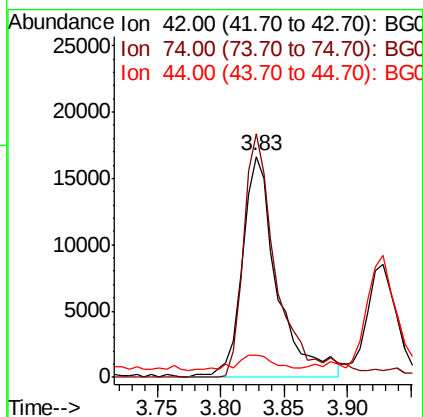
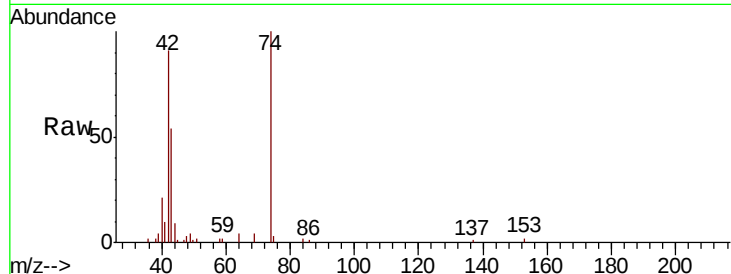


#4

n-Nitrosodimethylamine
 Concen: 45.785 ng
 RT: 3.83 min Scan# 92
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

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 BNA_G
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 PB115432BS

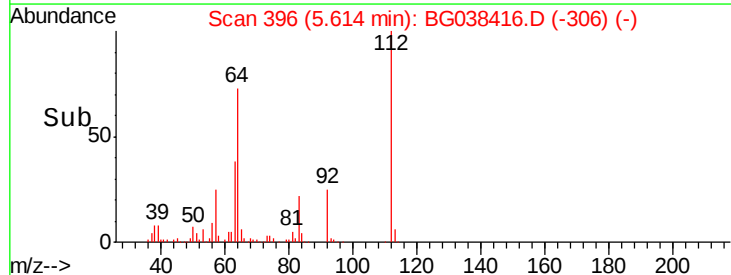
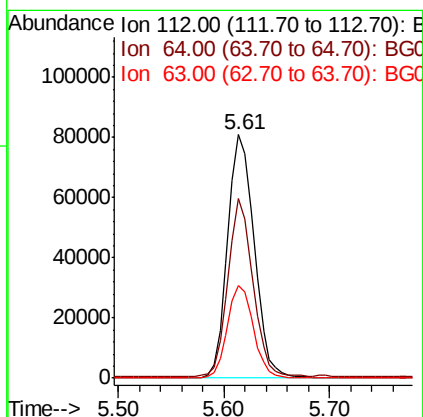
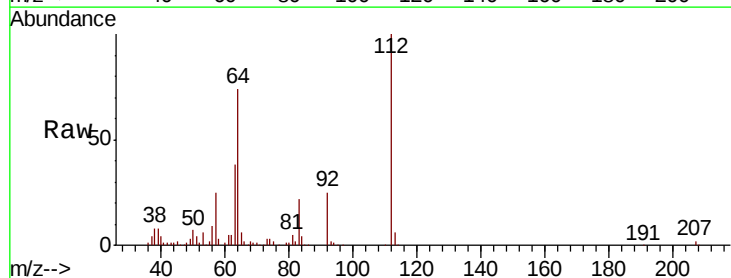
Tgt Ion: 42 Resp: 31795
 Ion Ratio Lower Upper
 42 100
 74 110.3 102.0 153.0
 44 9.9 9.6 14.4

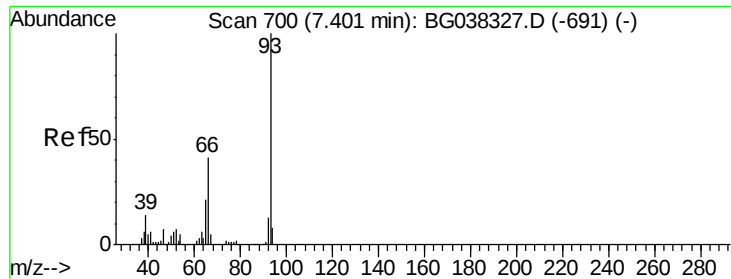


#5

2-Fluorophenol
 Concen: 122.179 ng
 RT: 5.61 min Scan# 396
 Delta R.T. -0.00 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Tgt Ion: 112 Resp: 141266
 Ion Ratio Lower Upper
 112 100
 64 73.7 53.1 79.7
 63 38.2 27.3 40.9





#6

Aniline

Concen: 24.212 ng

RT: 7.49 min Scan# 715

Delta R.T. 0.09 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

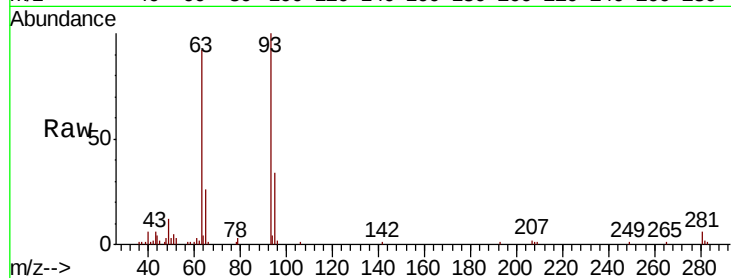
Tgt Ion: 93 Resp: 51679

Ion Ratio Lower Upper

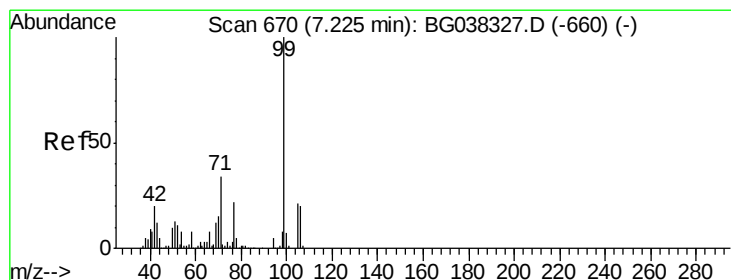
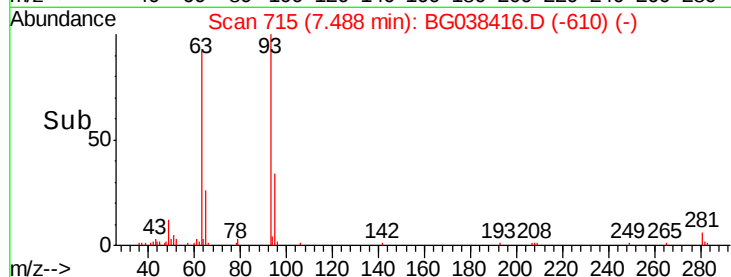
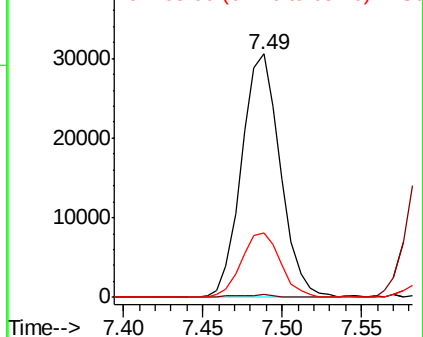
93 100

66 1.2 32.8 49.2#

65 26.3 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 72.566 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

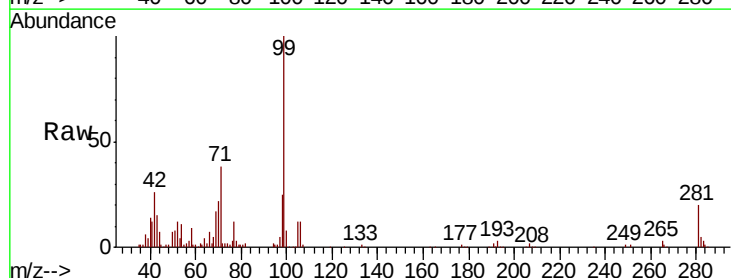
Tgt Ion: 99 Resp: 121267

Ion Ratio Lower Upper

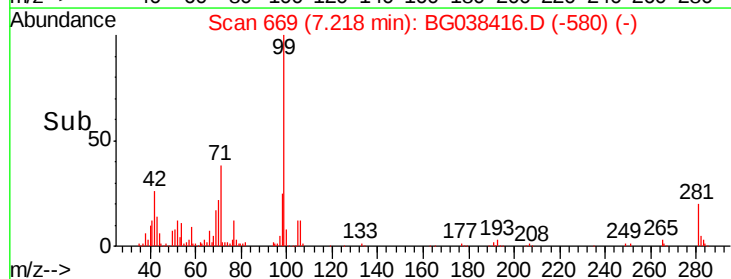
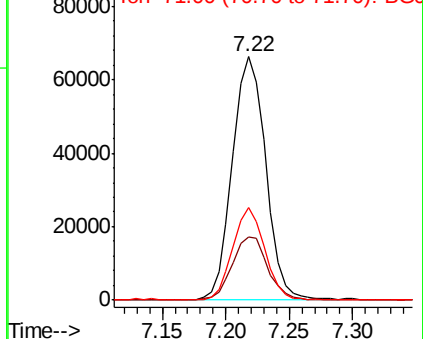
99 100

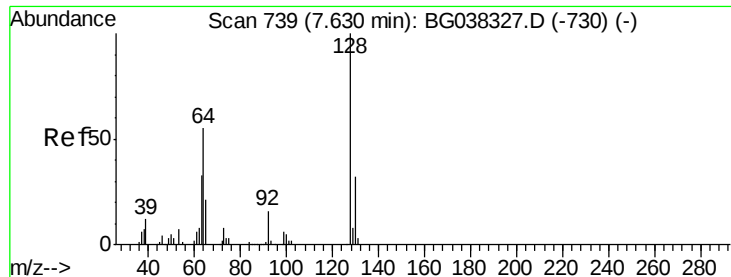
42 25.7 15.0 22.4#

71 37.9 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC





#8

2-Chlorophenol

Concen: 42.548 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038416.D

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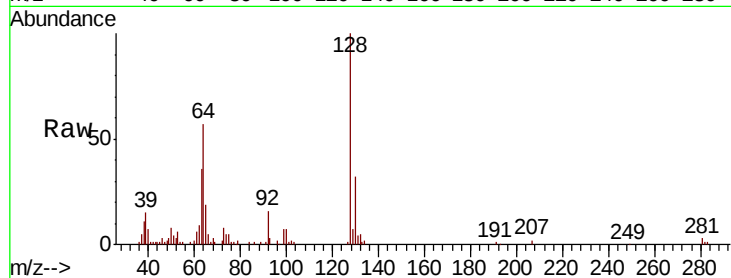
Tgt Ion:128 Resp: 57134

Ion Ratio Lower Upper

128 100

130 31.9 12.0 52.0

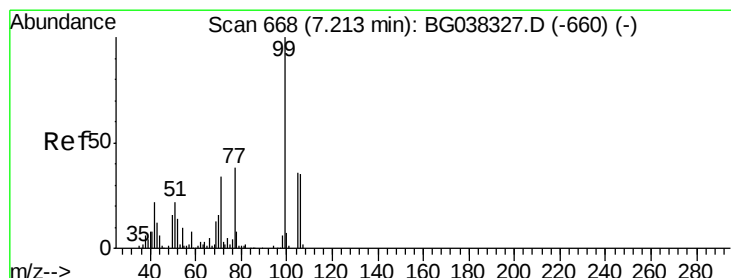
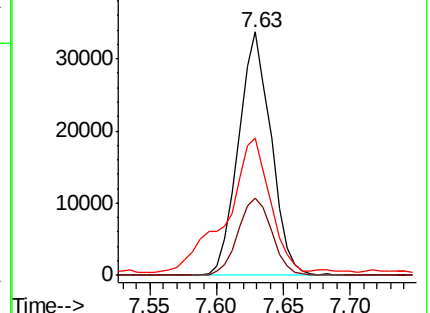
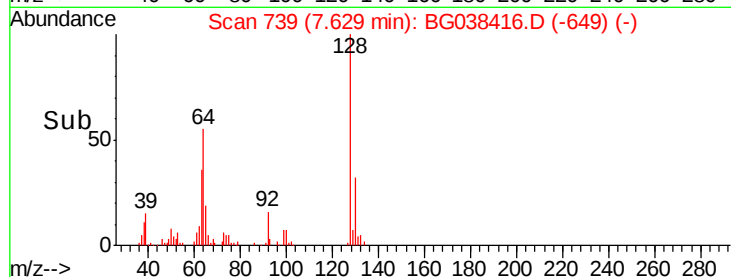
64 56.6 32.9 72.9



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: 17.147 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

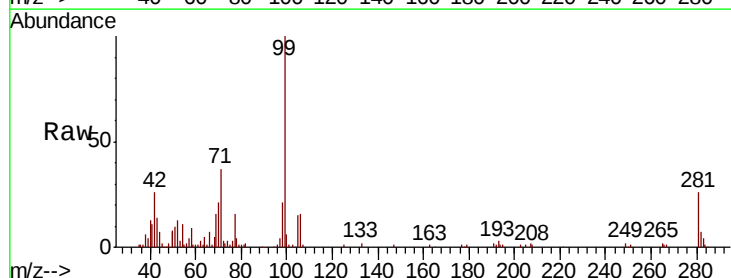
Tgt Ion: 77 Resp: 18145

Ion Ratio Lower Upper

77 100

105 94.6 72.6 112.6

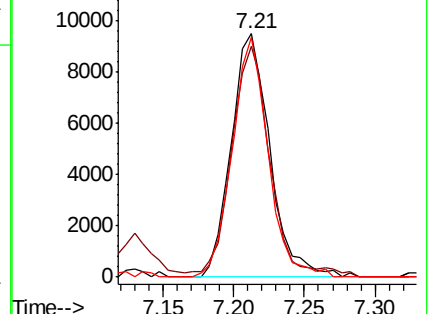
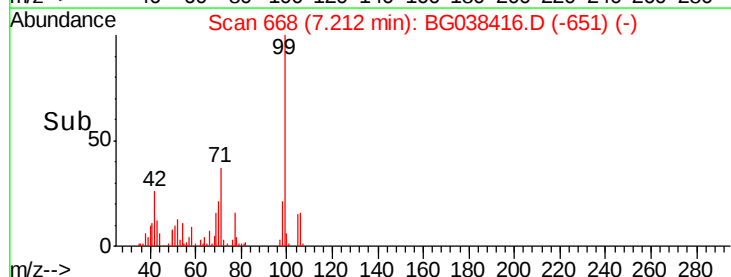
106 98.6 71.3 111.3

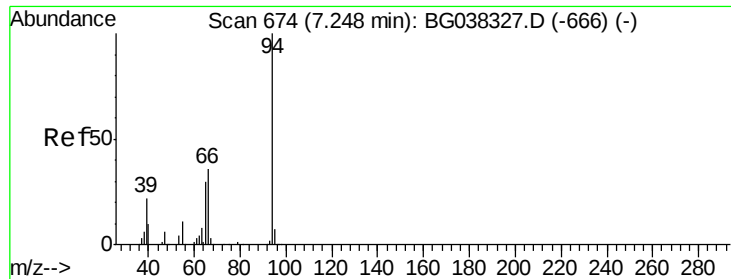


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 31.091 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038416.D

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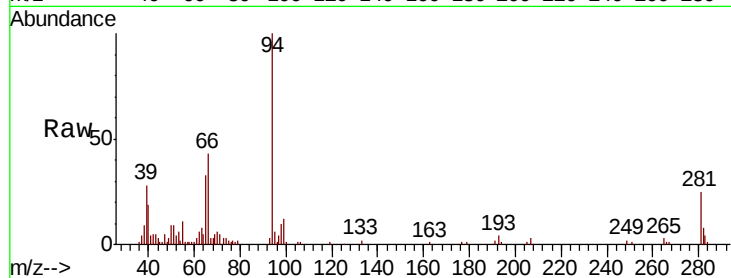
Tgt Ion: 94 Resp: 54896

Ion Ratio Lower Upper

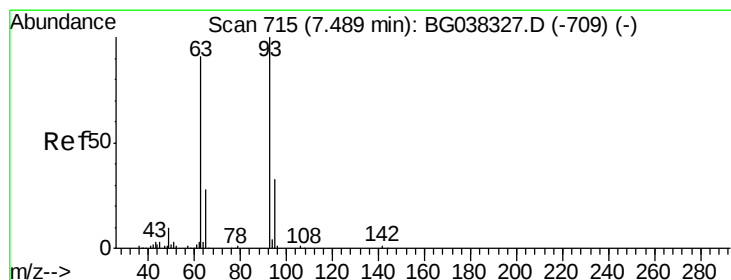
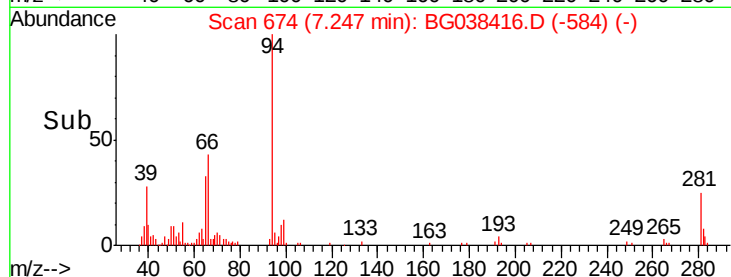
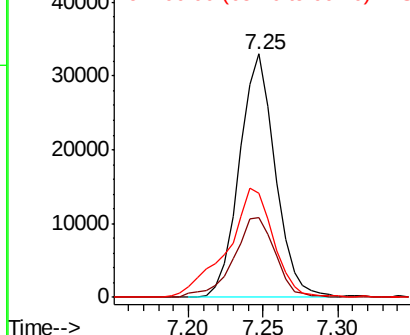
94 100

65 32.7 9.7 49.7

66 42.7 15.9 55.9



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



#11

bis(2-Chloroethyl)ether

Concen: 35.738 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG038416.D

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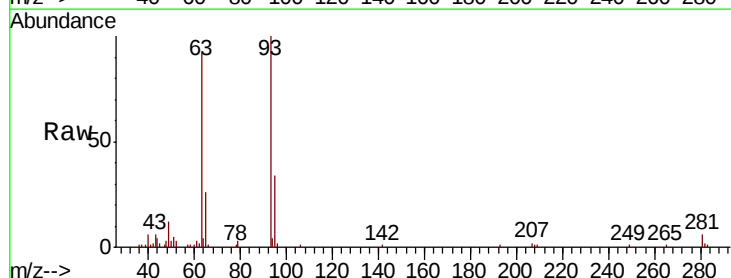
Tgt Ion: 93 Resp: 51679

Ion Ratio Lower Upper

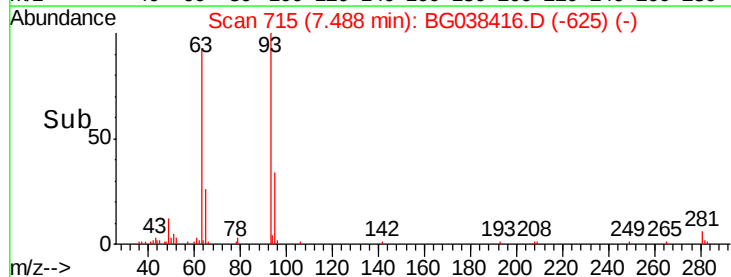
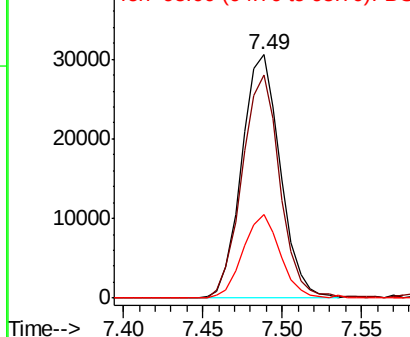
93 100

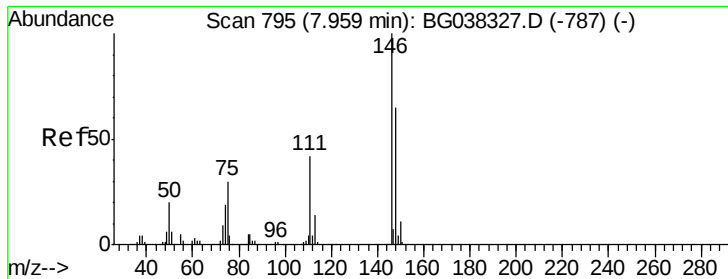
63 91.6 69.5 109.5

95 34.5 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC





#12

1,3-Dichlorobenzene

Concen: 35.865 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

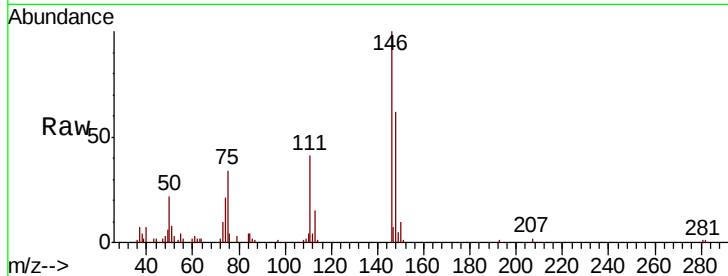
Tgt Ion:146 Resp: 56287

Ion Ratio Lower Upper

146 100

148 62.4 49.8 74.8

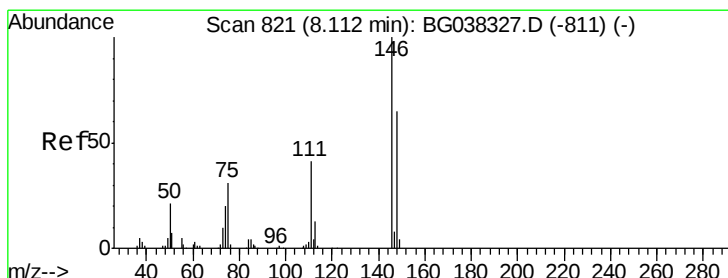
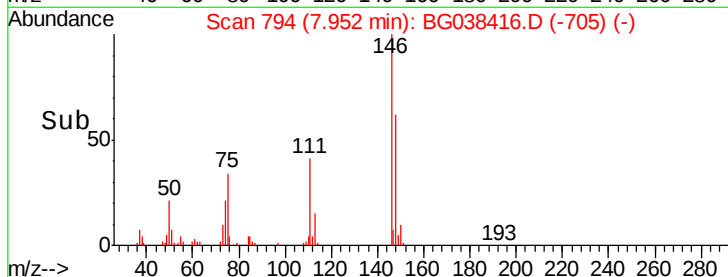
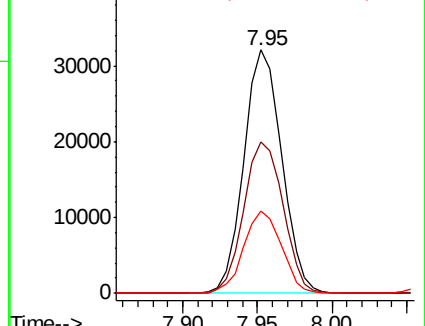
75 33.7 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BGC



#13

1,4-Dichlorobenzene

Concen: 35.044 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

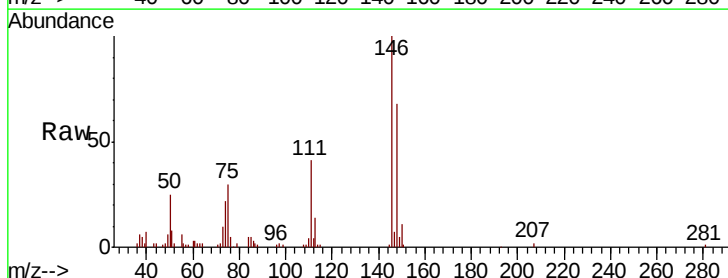
Tgt Ion:146 Resp: 56906

Ion Ratio Lower Upper

146 100

148 67.6 51.0 76.6

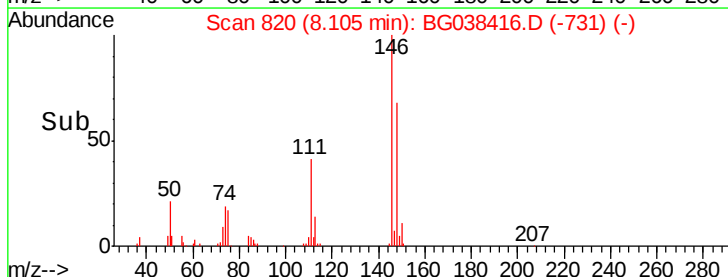
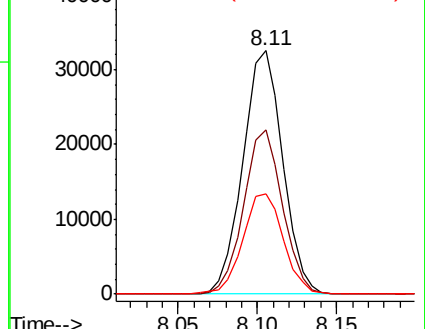
111 41.1 32.4 48.6

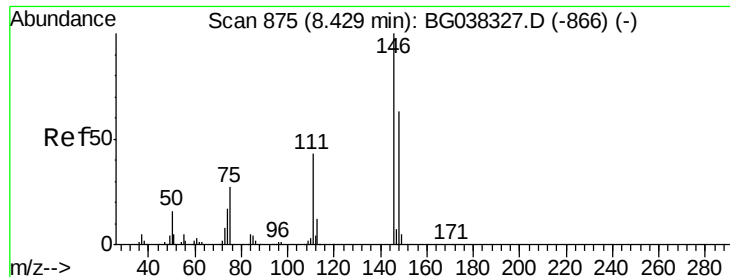


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 37.482 ng

RT: 8.42 min Scan# 874

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

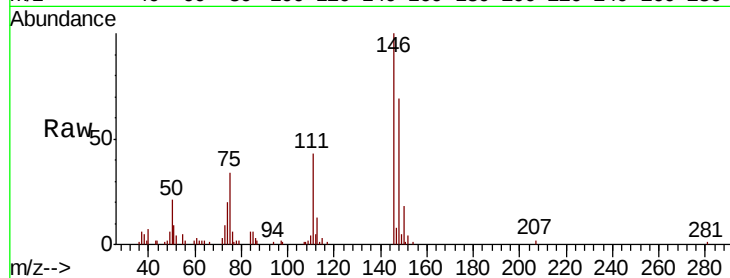
Tgt Ion:146 Resp: 56809

Ion Ratio Lower Upper

146 100

148 68.8 50.4 75.6

111 43.0 34.6 51.8

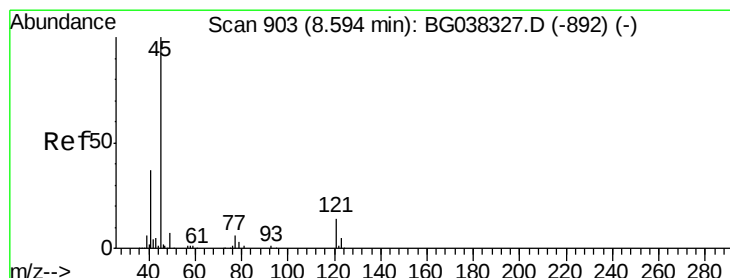
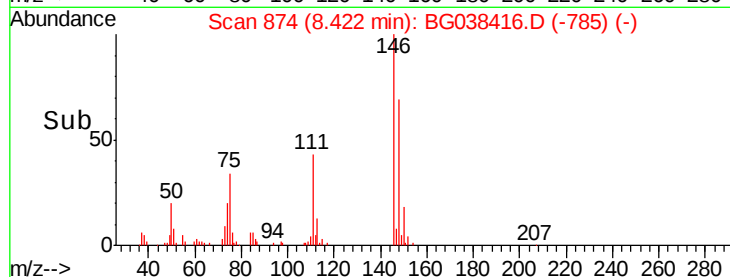
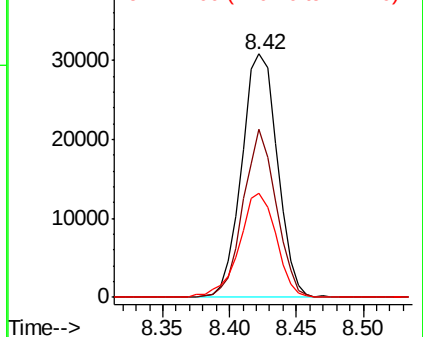


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.834 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

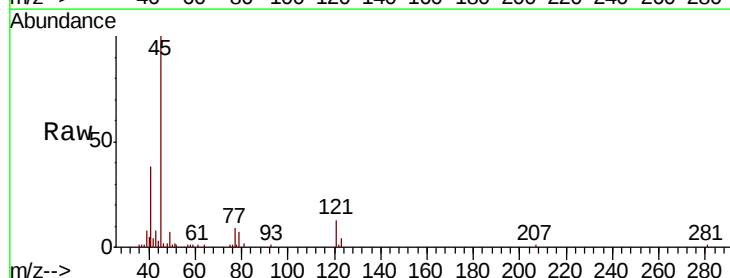
Tgt Ion: 45 Resp: 121153

Ion Ratio Lower Upper

45 100

77 9.1 0.0 30.0

79 6.8 0.0 29.0

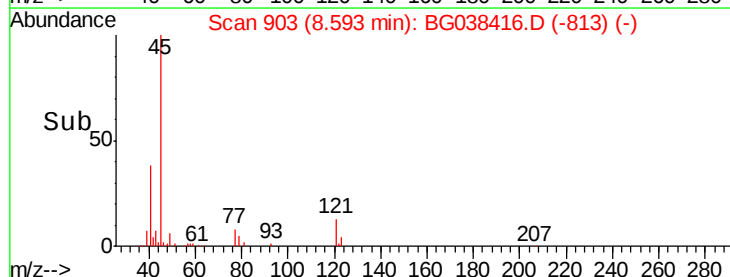
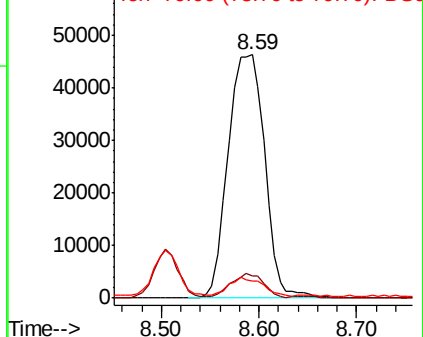


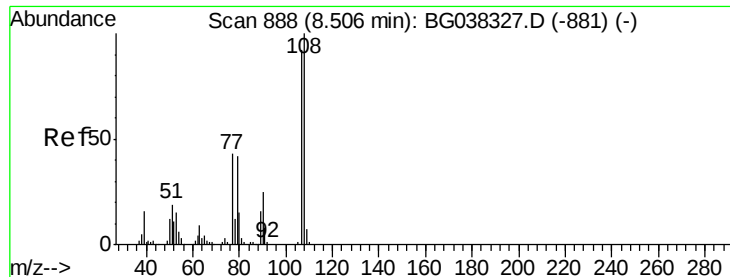
Abundance

Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

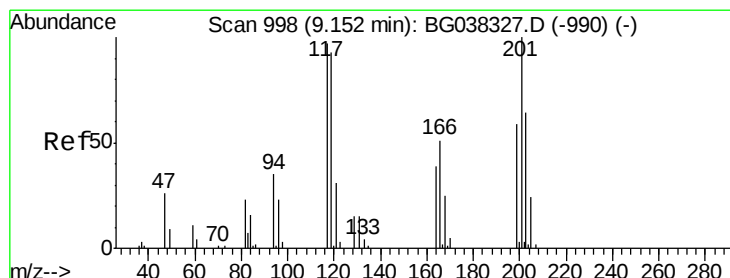
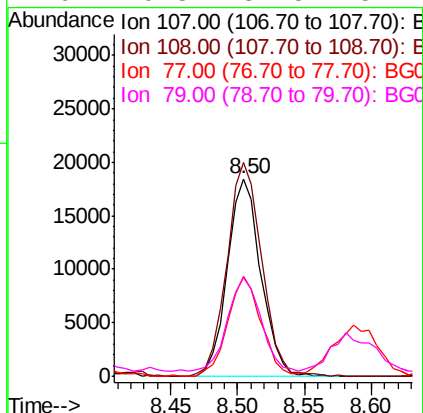
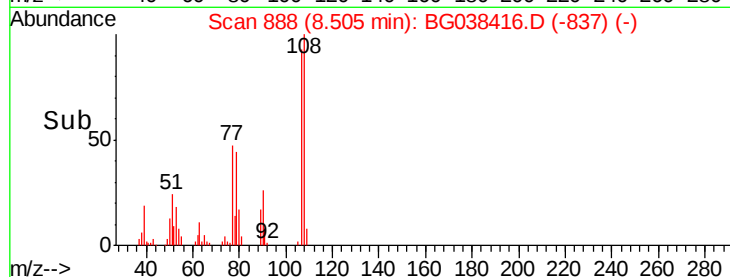
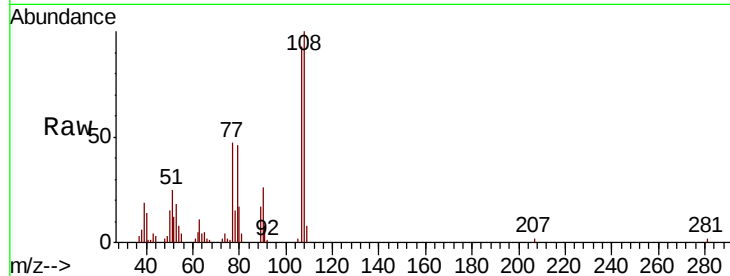




#17
2-Methylphenol
Concen: 23.677 ng
RT: 8.50 min Scan# 888
Delta R.T. -0.00 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

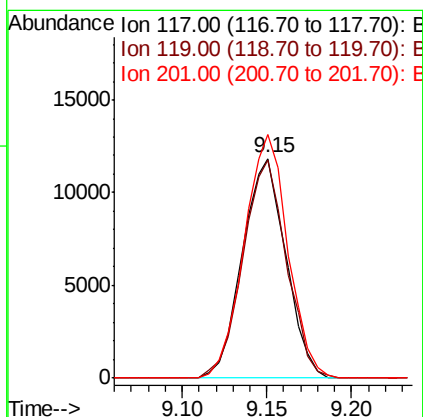
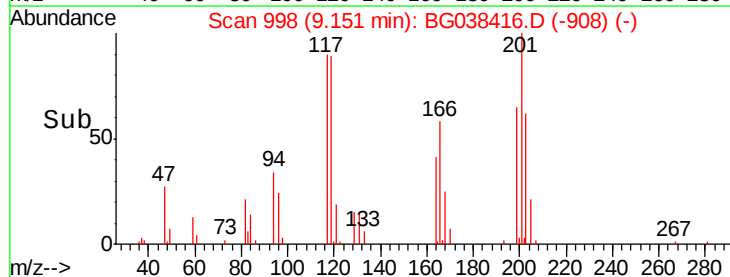
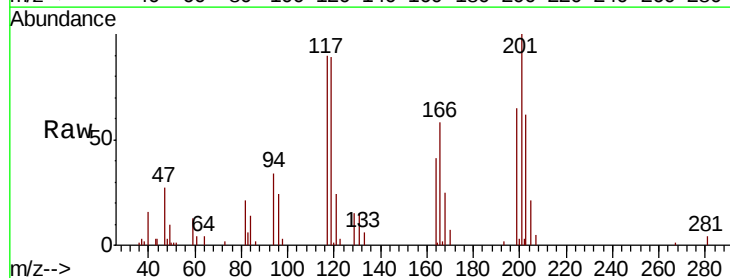
Instrument :
BNA_G
ClientSampleId :
PB115432BS

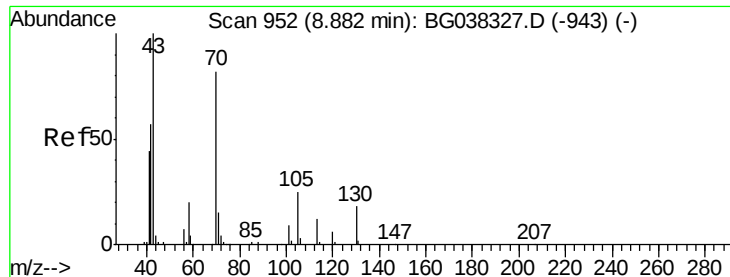
Tgt Ion:	107	Resp:	32234
Ion	Ratio	Lower	Upper
107	100		
108	108.1	87.9	131.9
77	50.3	35.1	52.7
79	49.8	34.5	51.7



#18
Hexachloroethane
Concen: 36.077 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion:	117	Resp:	21144
Ion	Ratio	Lower	Upper
117	100		
119	99.2	74.6	111.8
201	111.0	80.8	121.2

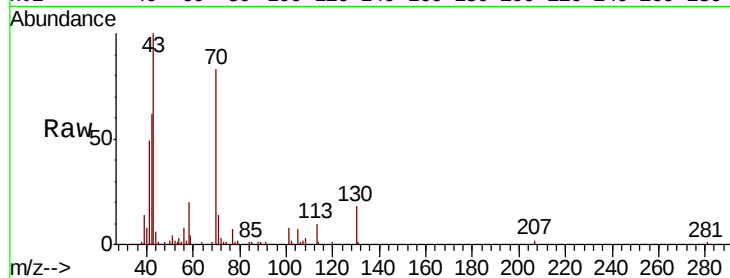




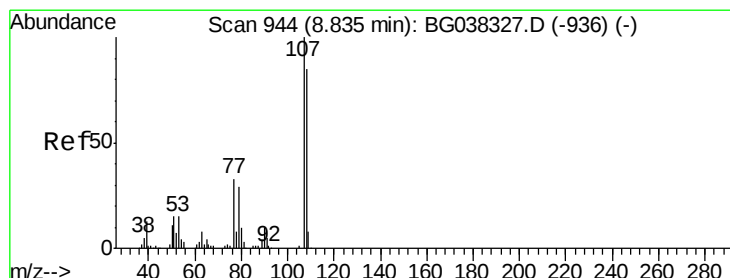
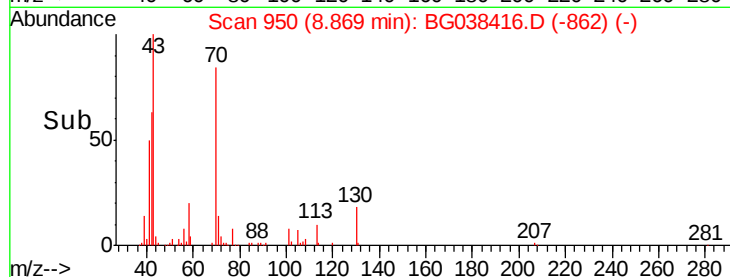
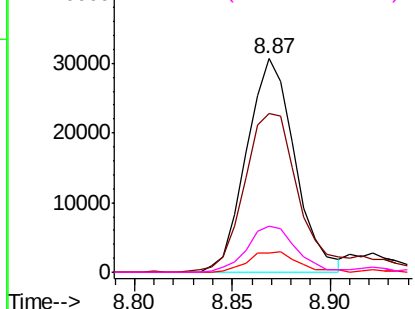
#19
n-Nitroso-di-n-propylamine
Concen: 43.154 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tgt Ion:	70	Resp:	52505
Ion	Ratio	Lower	Upper
70	100		
42	74.5	53.9	80.9
101	9.1	8.2	12.2
130	21.8	18.2	27.4

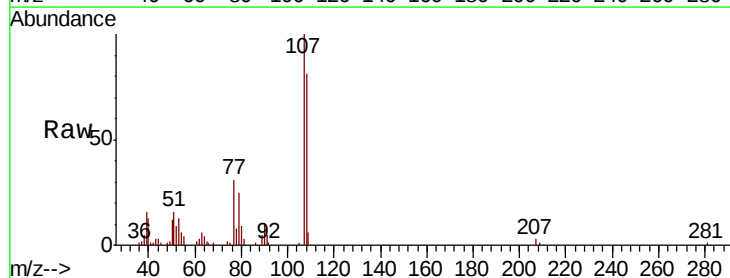


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

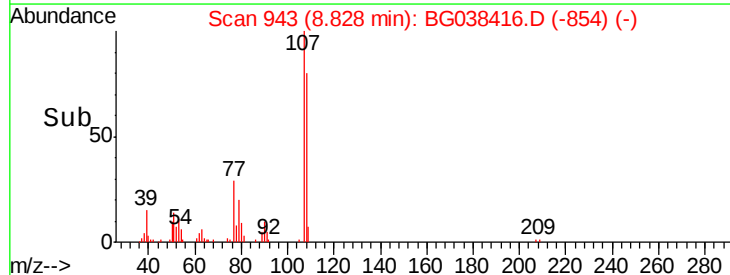
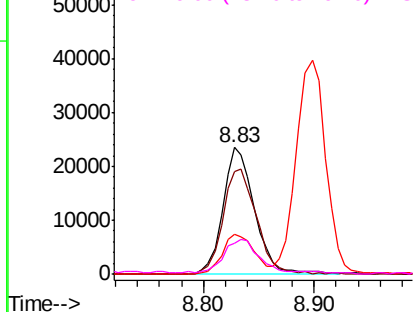


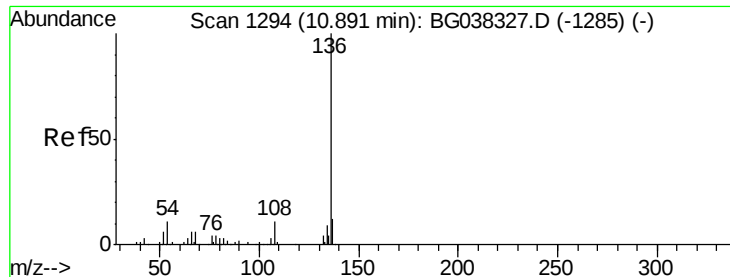
#20
3+4-Methylphenols
Concen: 26.202 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion:	107	Resp:	46609
Ion	Ratio	Lower	Upper
107	100		
108	81.2	69.9	109.9
77	31.0	11.2	51.2
79	24.6	6.6	46.6



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.89 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

Tgt Ion:136 Resp: 92059

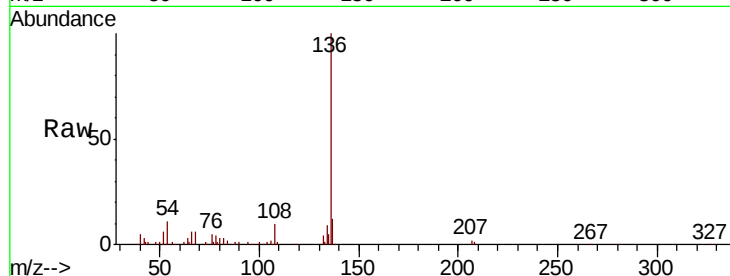
Ion Ratio Lower Upper

136 100

137 11.6 9.6 14.4

54 11.5 7.9 11.9

68 5.8 4.8 7.2

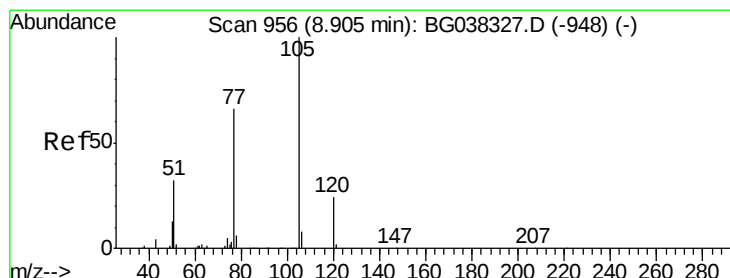
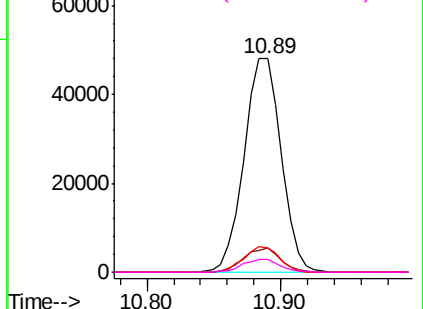
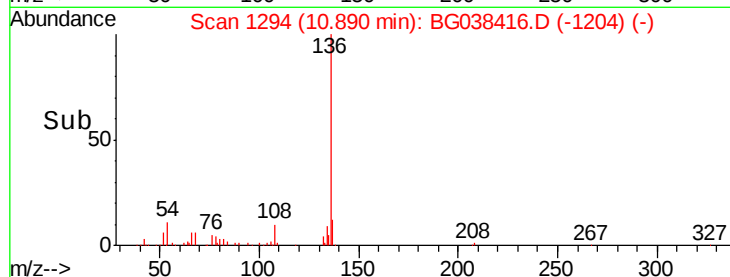


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.871 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Tgt Ion:105 Resp: 90696

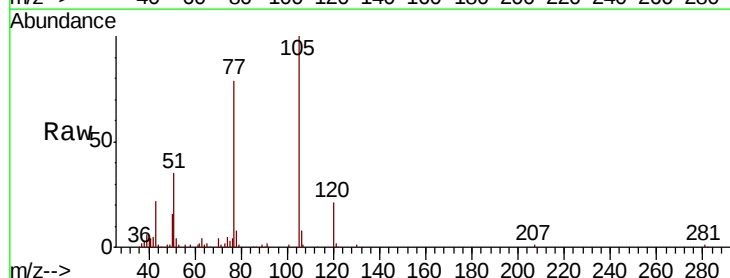
Ion Ratio Lower Upper

105 100

71 0.6 1.2 1.8#

51 35.0 25.0 37.6

120 21.3 18.6 28.0

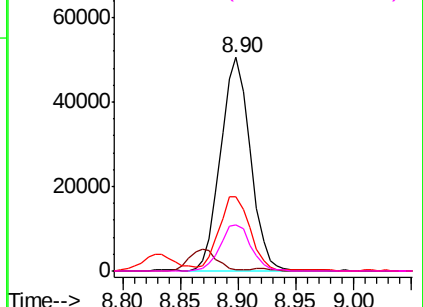
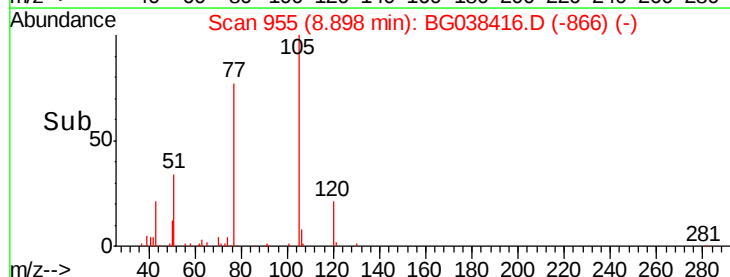


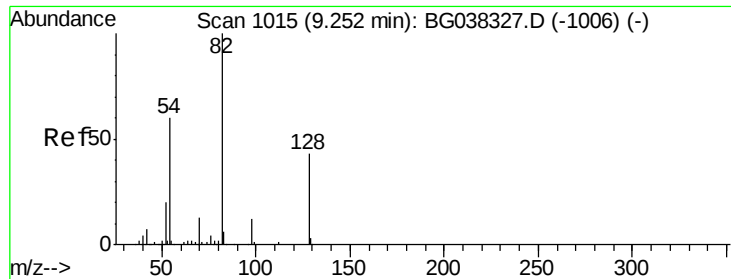
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

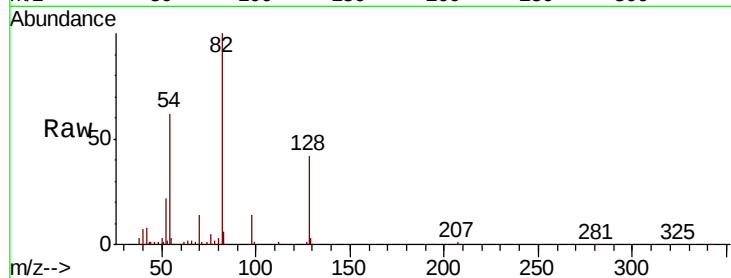




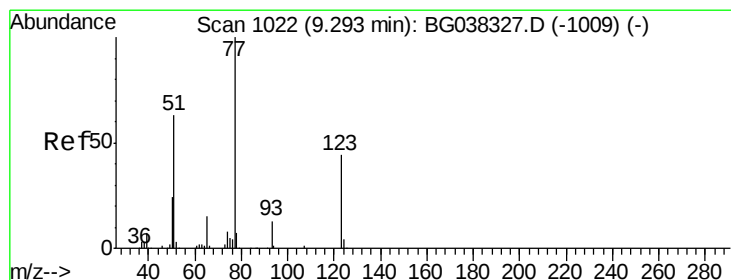
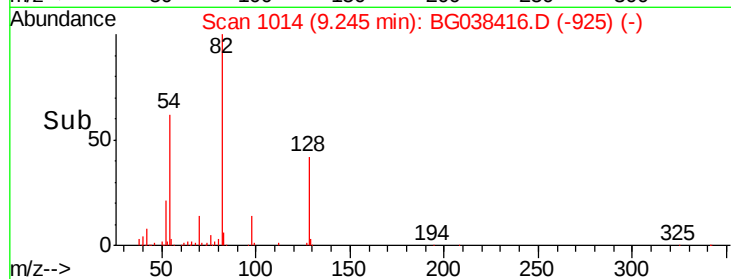
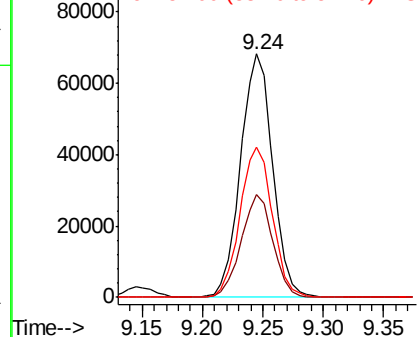
#23
 Nitrobenzene-d5
 Concen: 68.188 ng
 RT: 9.24 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tgt Ion: 82 Resp: 126437
 Ion Ratio Lower Upper
 82 100
 128 42.2 34.6 51.8
 54 61.9 45.3 67.9

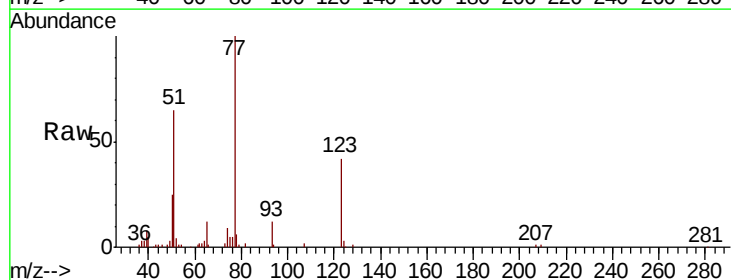


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

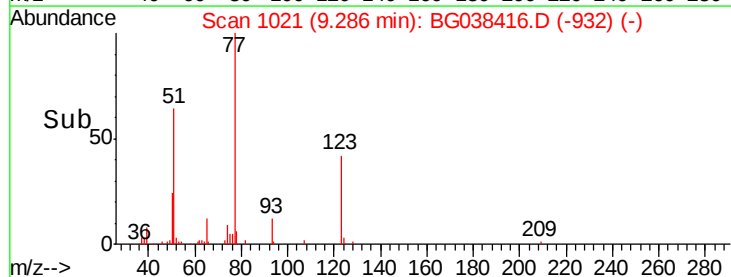
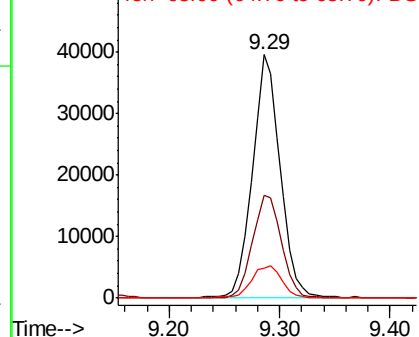


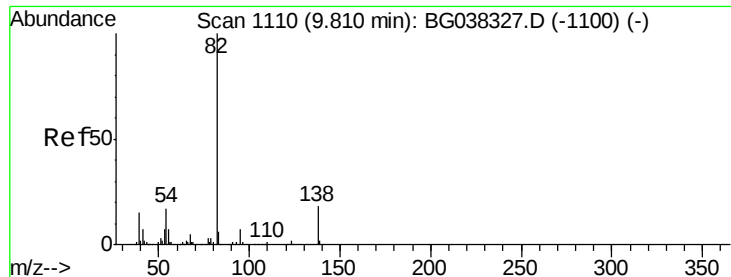
#24
 Nitrobenzene
 Concen: 37.094 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Tgt Ion: 77 Resp: 69880
 Ion Ratio Lower Upper
 77 100
 123 42.2 33.6 50.4
 65 12.2 11.3 16.9



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: 44.827 ng

RT: 9.80 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

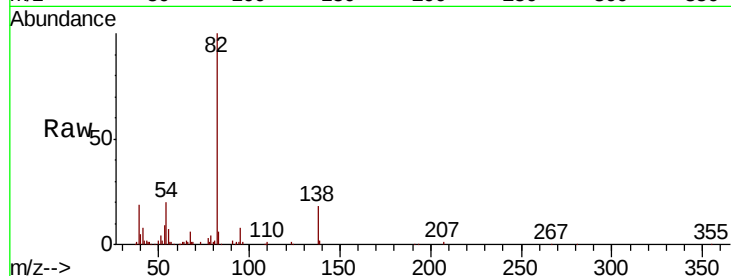
Tgt Ion: 82 Resp: 146075

Ion Ratio Lower Upper

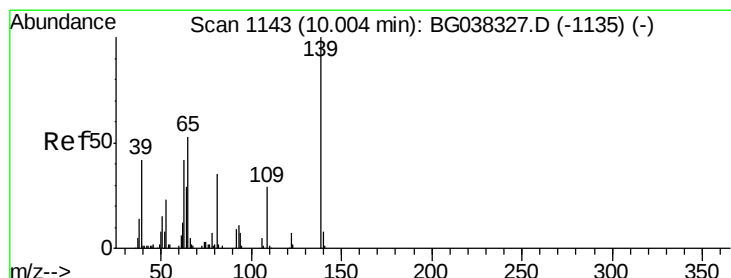
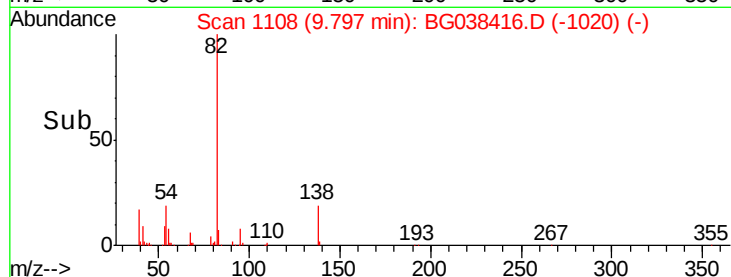
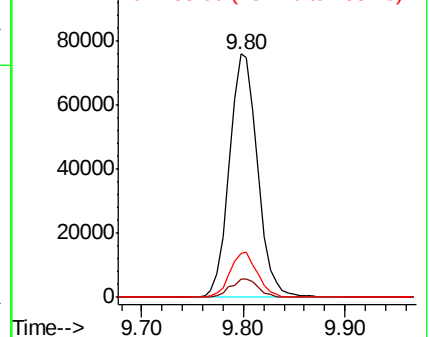
82 100

95 7.7 5.3 7.9

138 18.2 13.3 19.9



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: 37.725 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

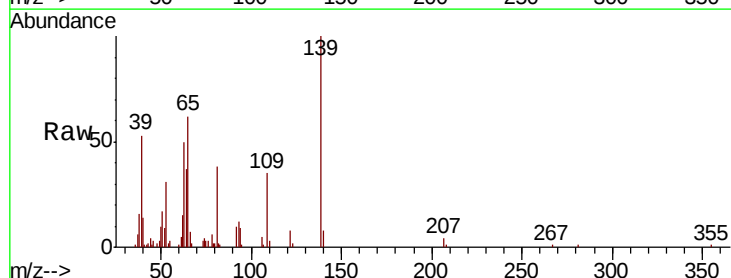
Tgt Ion: 139 Resp: 32930

Ion Ratio Lower Upper

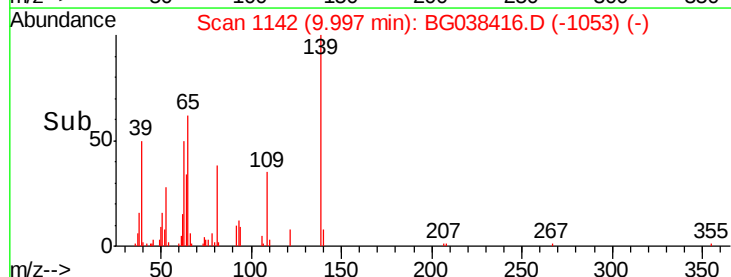
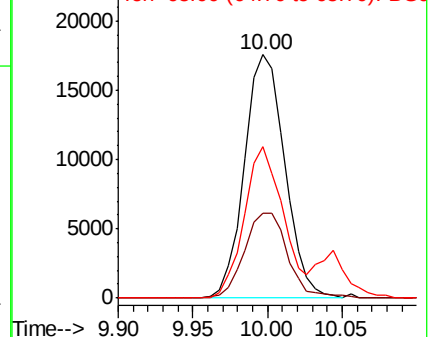
139 100

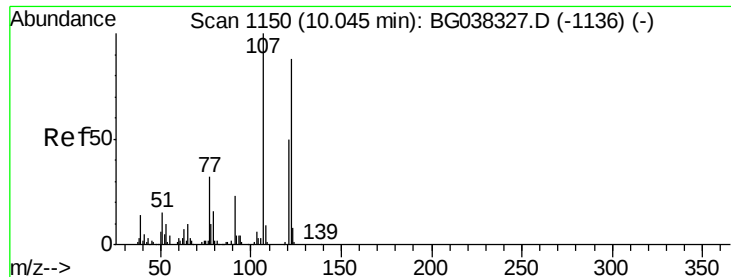
109 34.8 23.3 34.9

65 62.3 39.8 59.8#



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

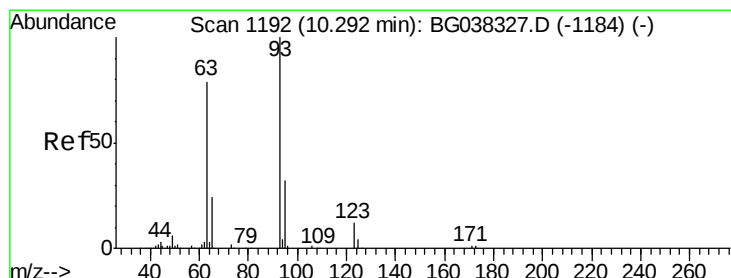
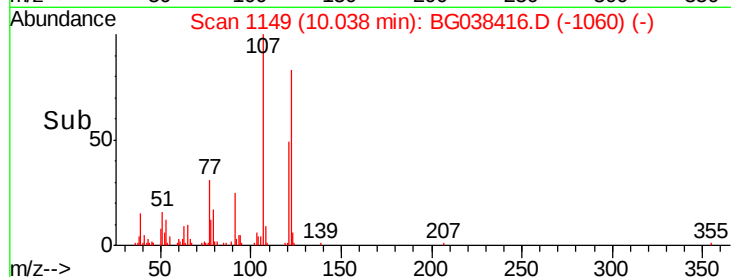
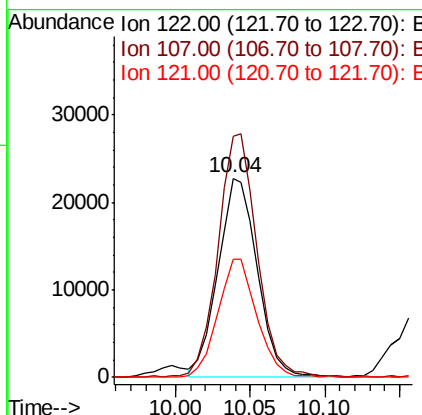
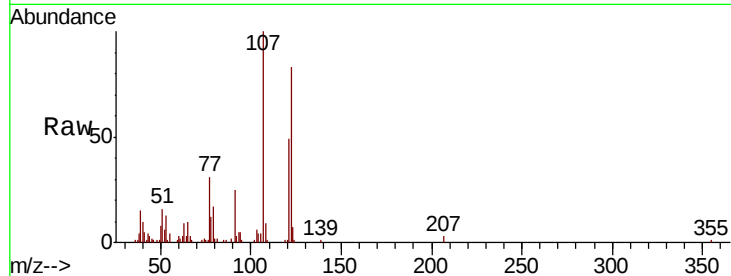




#27
2,4-Dimethylphenol
Concen: 33.330 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

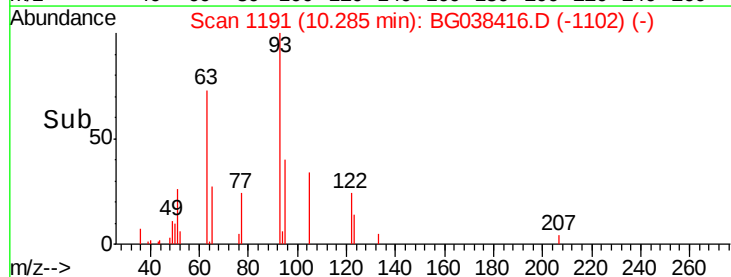
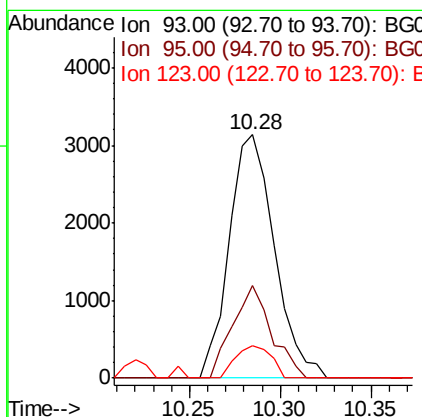
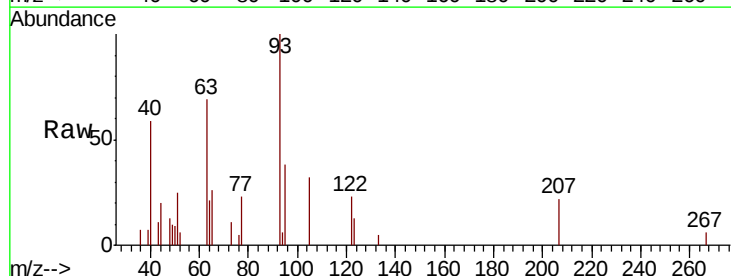
Instrument :
BNA_G
ClientSampleId :
PB115432BS

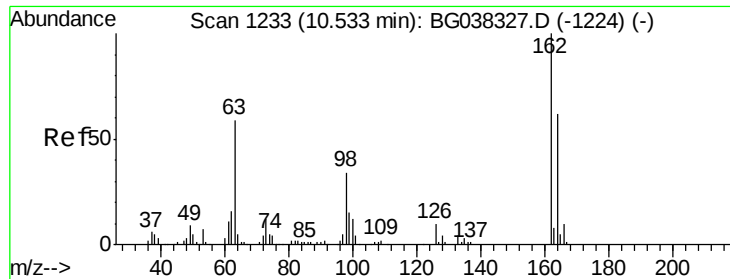
Tgt Ion:122 Resp: 41788
Ion Ratio Lower Upper
122 100
107 120.8 94.2 141.2
121 59.1 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 2.917 ng
RT: 10.28 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion: 93 Resp: 5449
Ion Ratio Lower Upper
93 100
95 37.9 24.6 37.0#
123 13.3 9.1 13.7

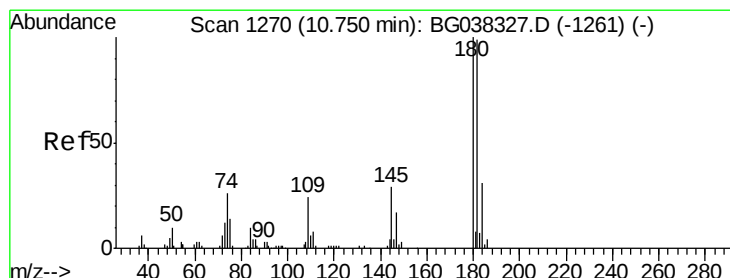
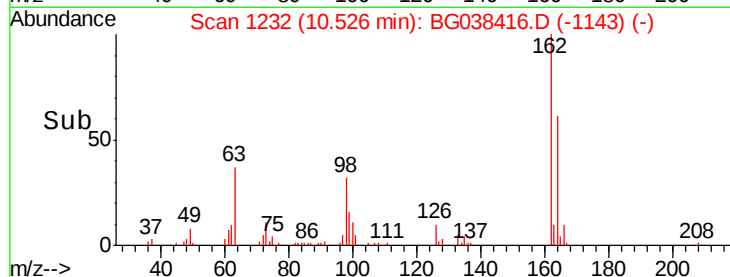
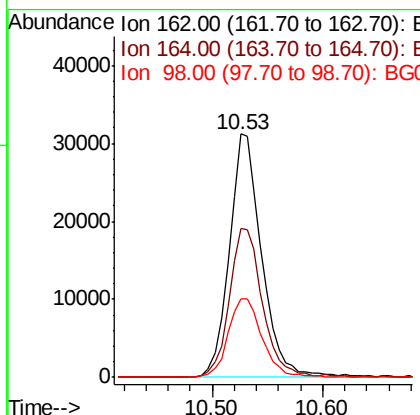
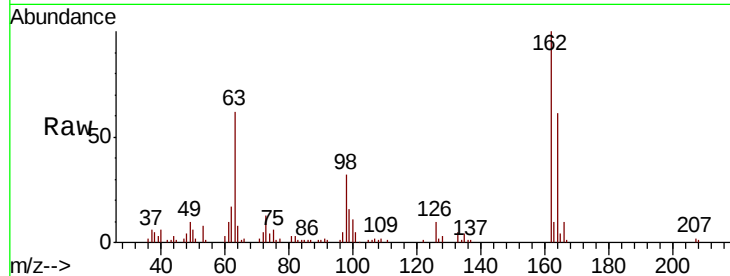




#29
 2,4-Dichlorophenol
 Concen: 44.615 ng
 RT: 10.53 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

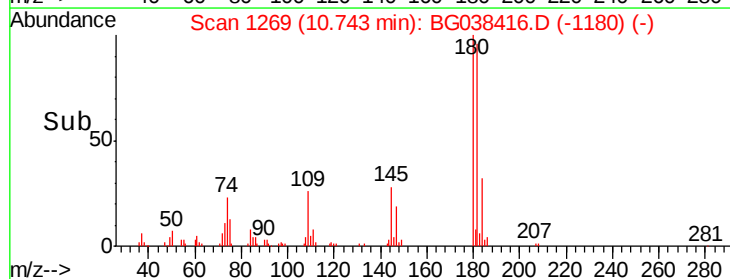
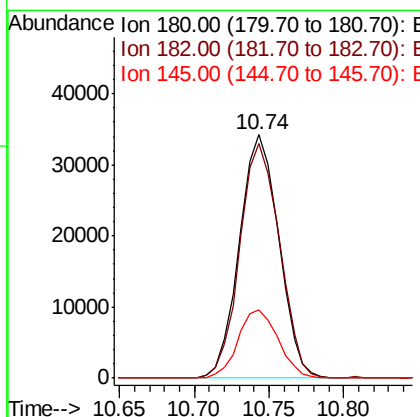
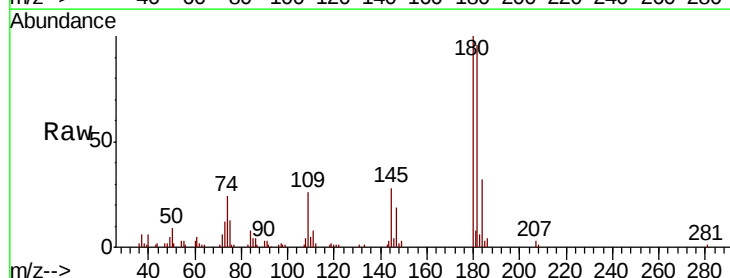
Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

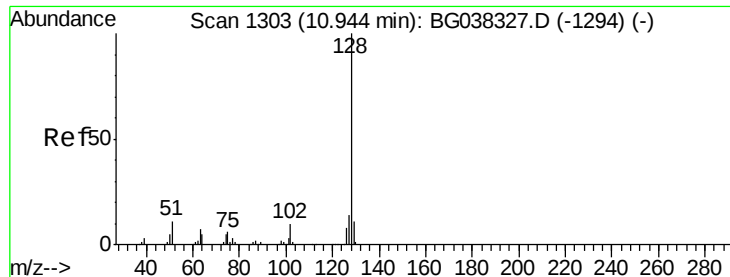
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.2	43.2	83.2
98	32.3	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 37.299 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	77.7	116.5
145	28.3	23.3	34.9

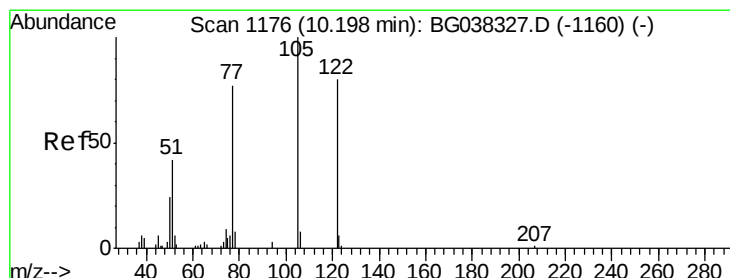
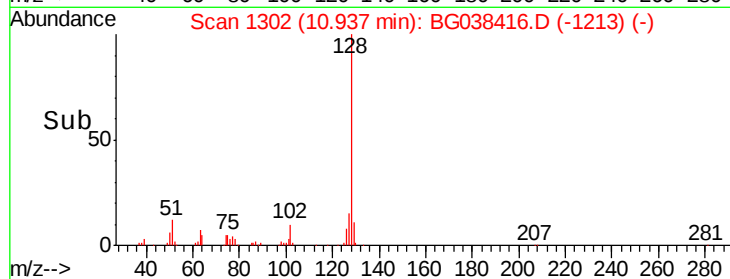
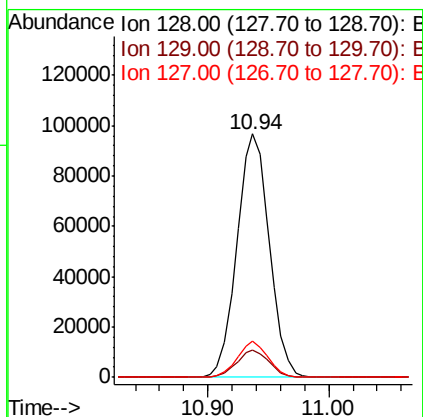
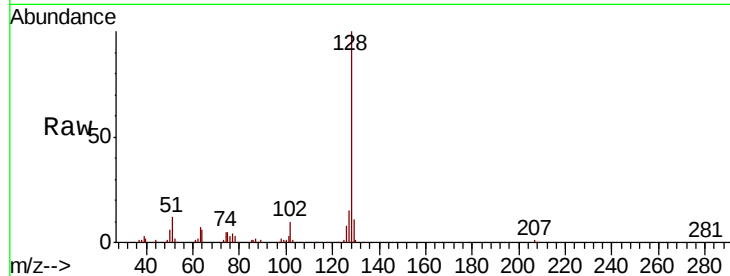




#31
Naphthalene
Concen: 40.955 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

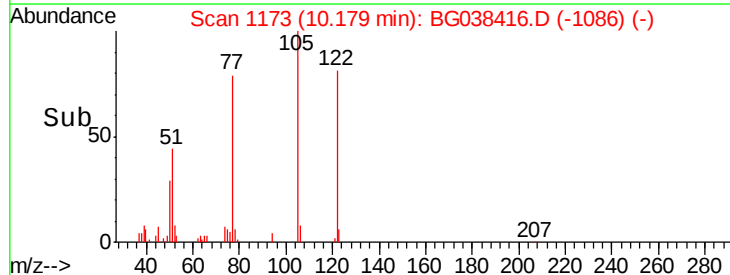
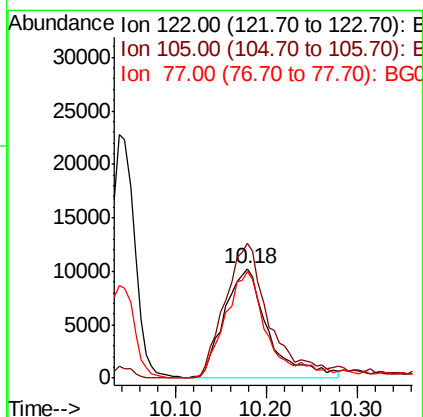
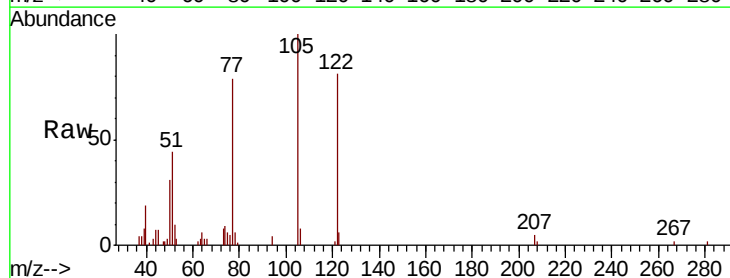
Instrument :
BNA_G
ClientSampleId :
PB115432BS

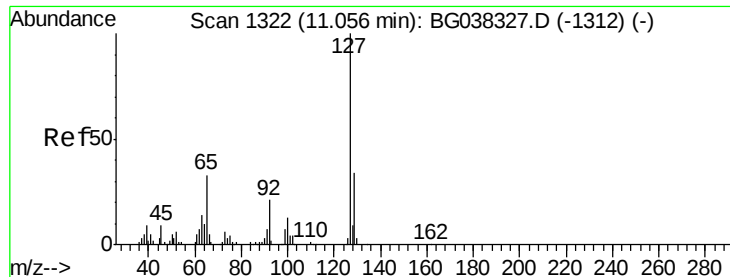
Tgt Ion:128 Resp: 180095
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 14.6 11.1 16.7



#32
Benzoic acid
Concen: 39.942 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.02 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion:122 Resp: 34762
Ion Ratio Lower Upper
122 100
105 123.3 106.7 146.7
77 97.8 72.2 112.2

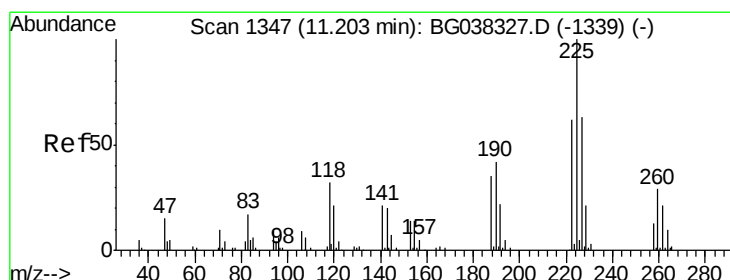
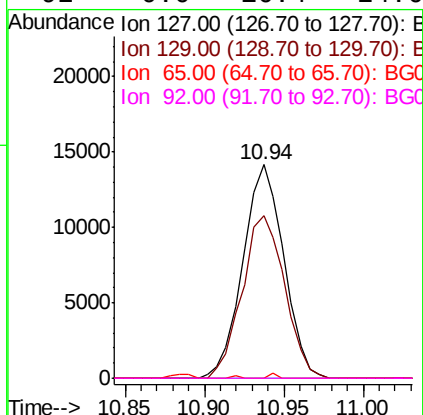
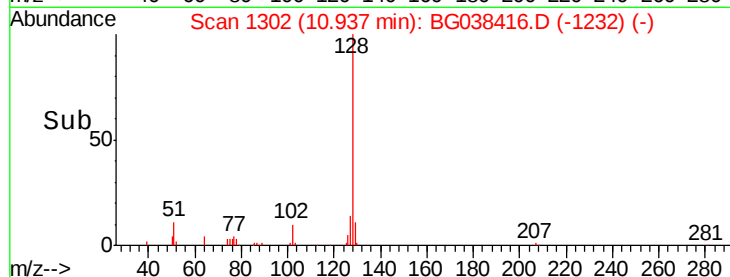
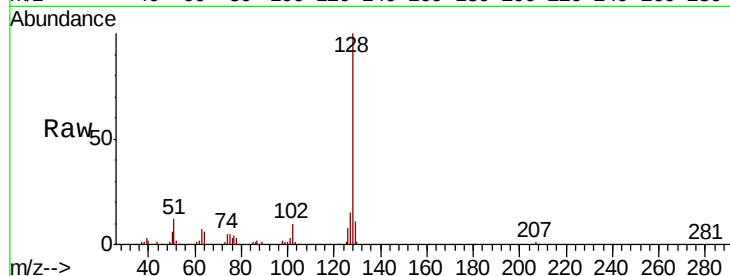




#33
4-Chloroaniline
Concen: 13.006 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.12 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

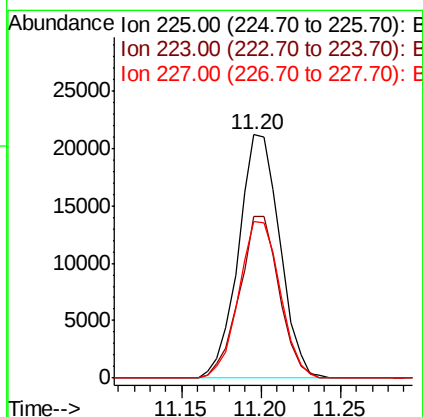
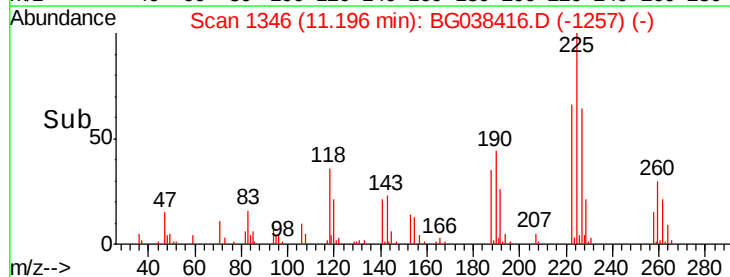
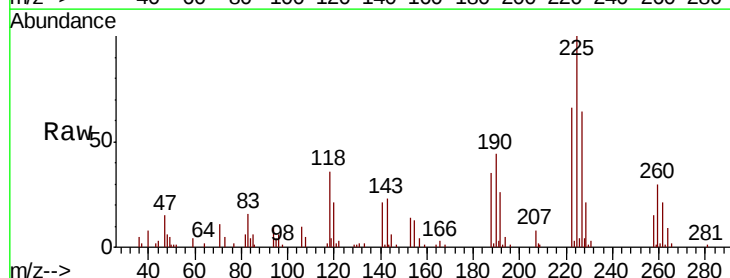
Instrument :
BNA_G
ClientSampleId :
PB115432BS

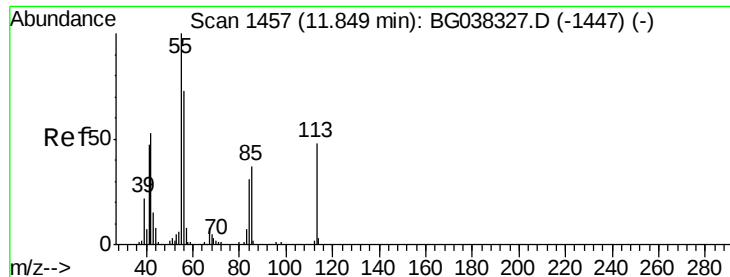
Tgt Ion:127 Resp: 25318
Ion Ratio Lower Upper
127 100
129 76.0 27.1 40.7#
65 0.0 26.6 39.8#
92 0.0 16.4 24.6#



#34
Hexachlorobutadiene
Concen: 36.395 ng
RT: 11.20 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion:225 Resp: 38253
Ion Ratio Lower Upper
225 100
223 69.5 48.2 72.4
227 68.1 51.6 77.4





#35

Caprolactam

Concen: 26.806 ng

RT: 11.95 min Scan# 1474

Delta R.T. 0.10 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

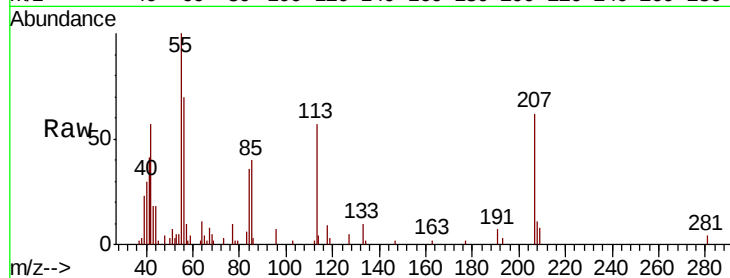
Tgt Ion:113 Resp: 15865

Ion Ratio Lower Upper

113 100

55 174.0 176.6 216.6#

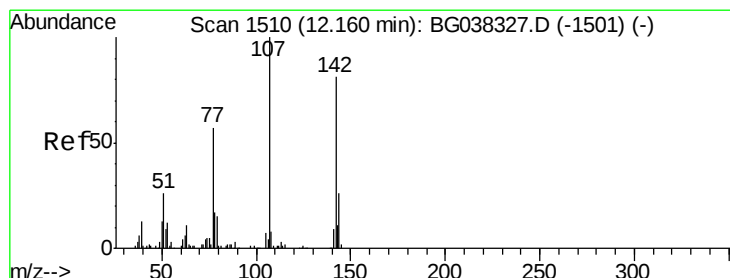
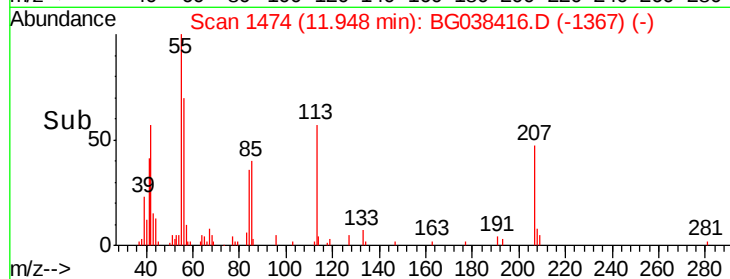
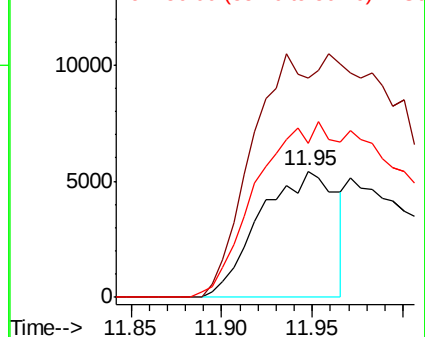
56 122.4 128.3 168.3#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 62.477 ng

RT: 12.15 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

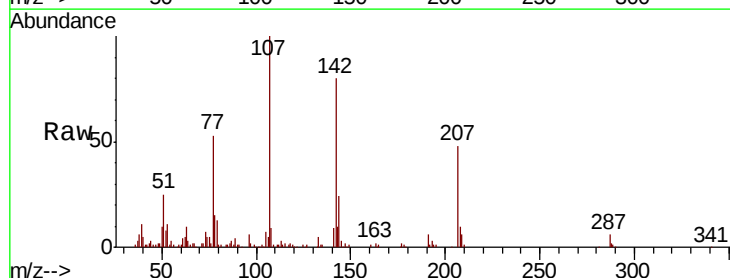
Tgt Ion:107 Resp: 99347

Ion Ratio Lower Upper

107 100

144 24.4 20.7 31.1

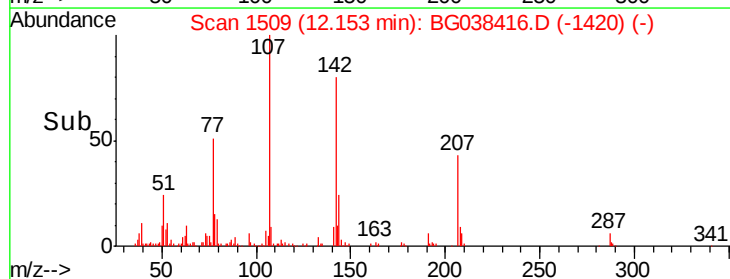
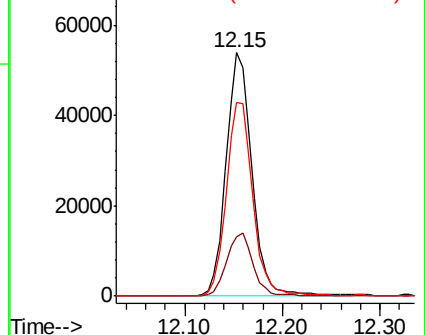
142 79.7 64.4 96.6

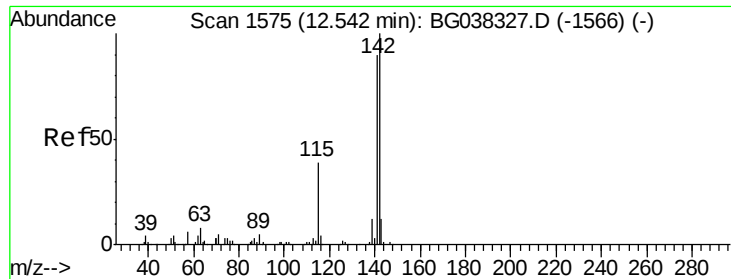


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

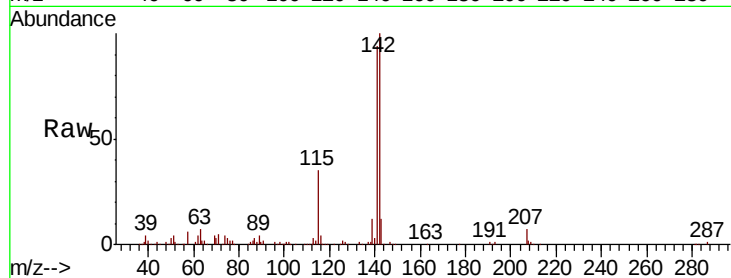




#37
2-Methylnaphthalene
Concen: 69.388 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	71.9	107.9
115	34.7	27.8	41.8

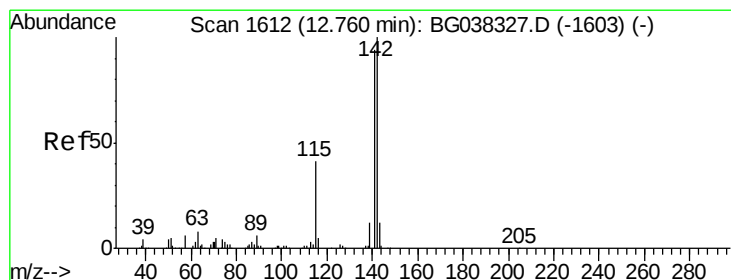
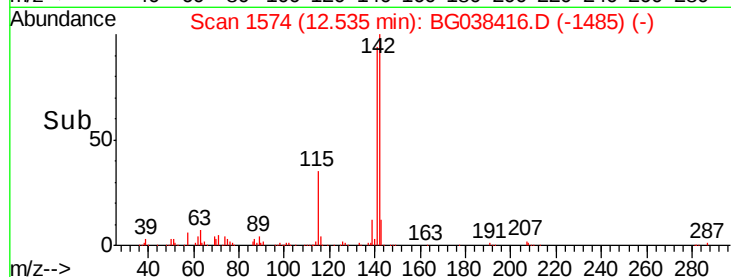
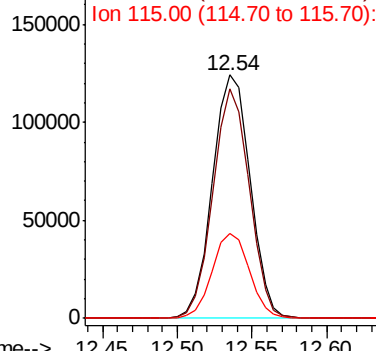


Abundance

Ion 142.00 (141.70 to 142.70): E

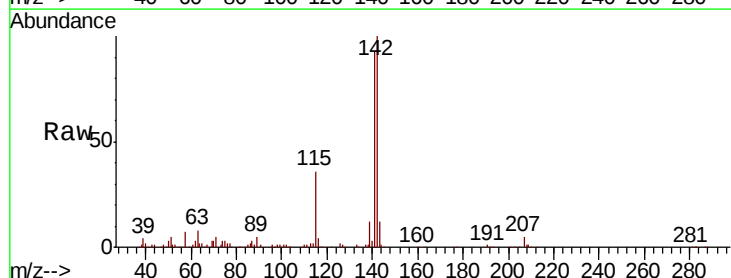
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 68.416 ng
RT: 12.75 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	75.2	112.8
116	3.8	3.3	4.9

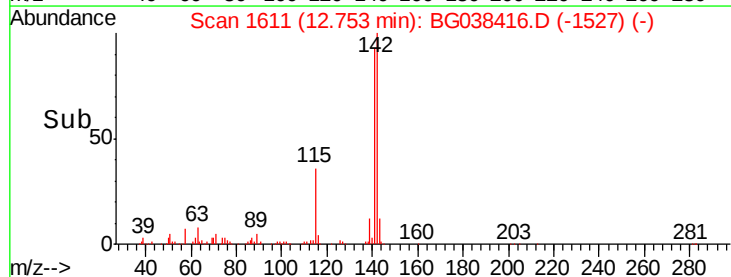
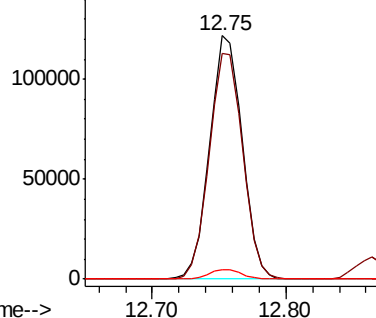


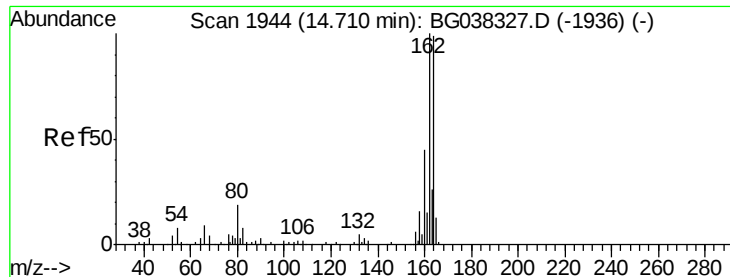
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

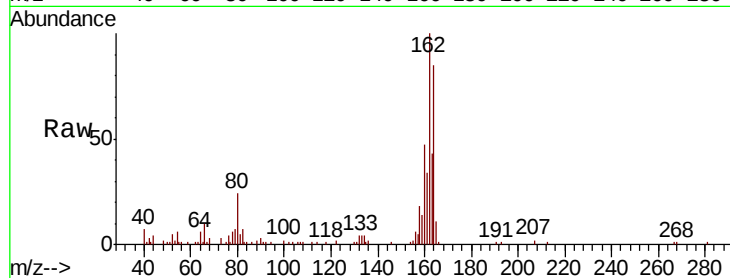
Tgt Ion:164 Resp: 38974

Ion Ratio Lower Upper

164 100

162 118.3 81.3 121.9

160 55.4 36.3 54.5#

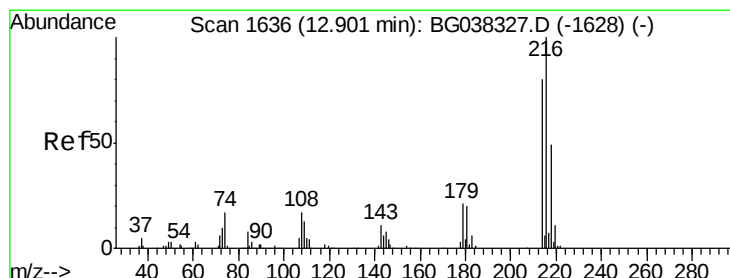
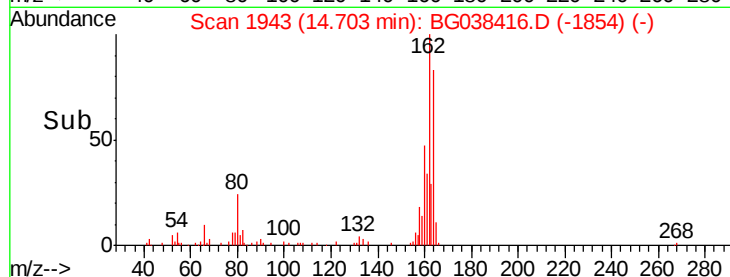
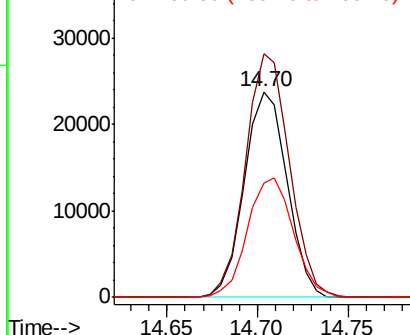


Abundance

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: 77.656 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Tgt Ion:216 Resp: 104144

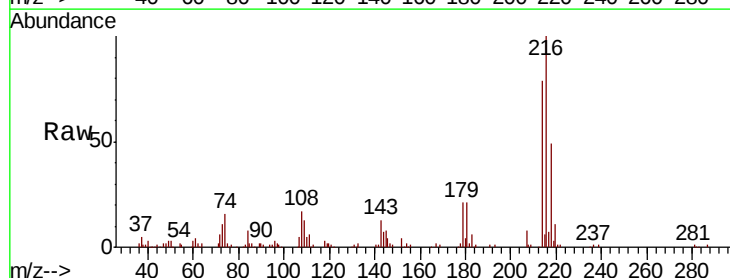
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 21.6 17.4 26.0

108 21.8 13.9 20.9#



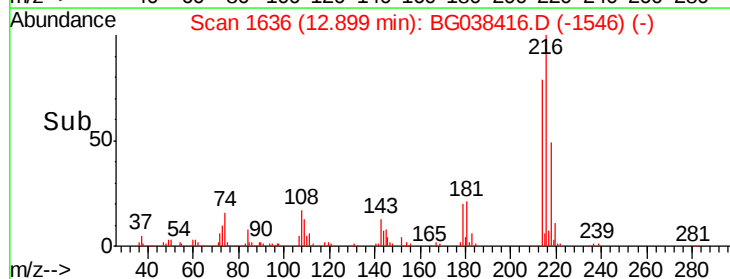
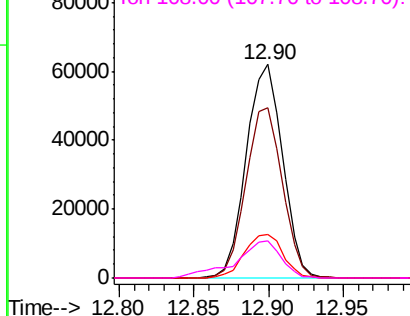
Abundance

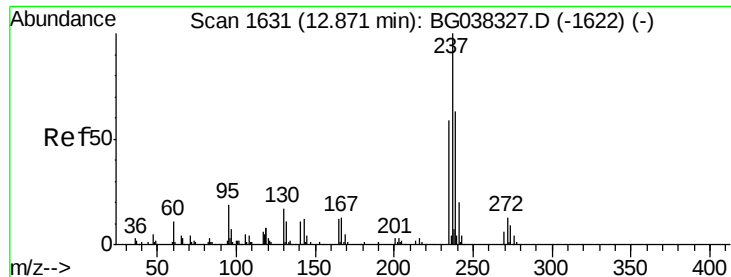
Ion 216.00 (215.70 to 216.70): E

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: 193.679 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

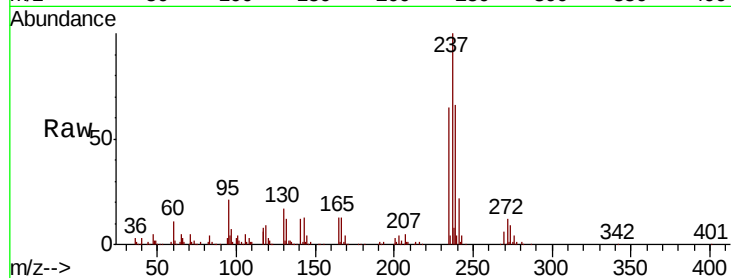
Tgt Ion: 237 Resp: 142738

Ion Ratio Lower Upper

237 100

235 65.3 42.5 82.5

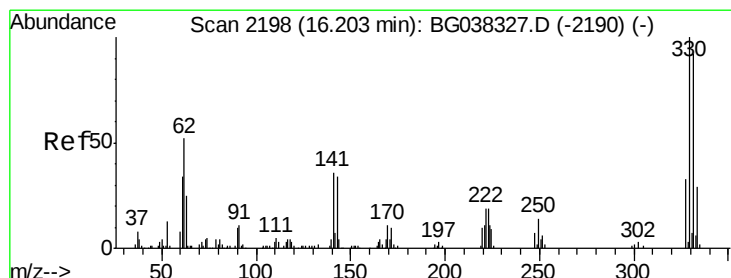
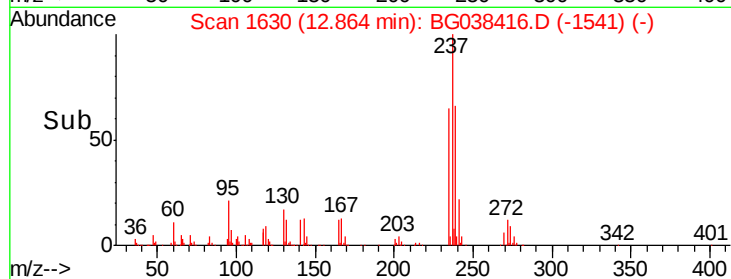
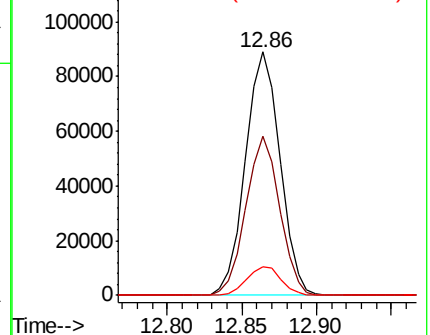
272 11.6 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 177.532 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

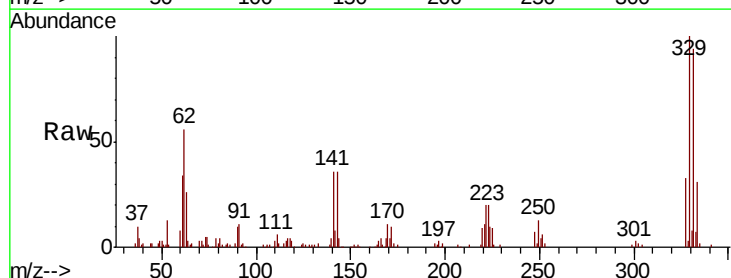
Tgt Ion: 330 Resp: 84941

Ion Ratio Lower Upper

330 100

332 94.2 78.4 117.6

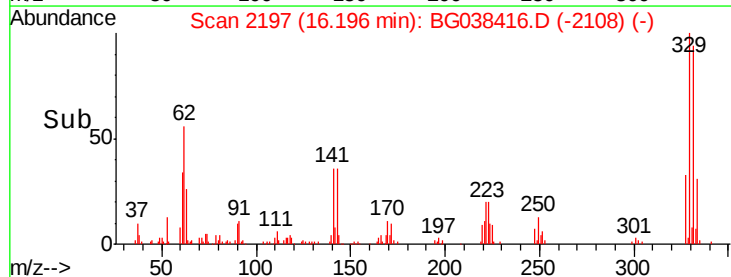
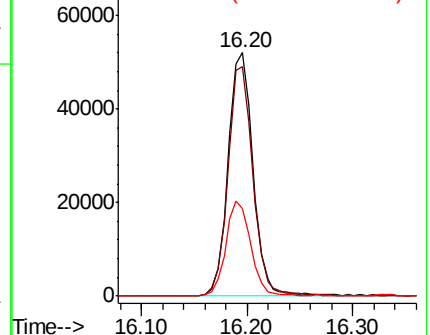
141 39.4 32.2 48.2

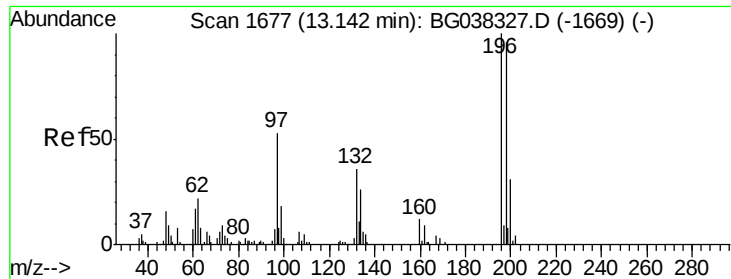


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

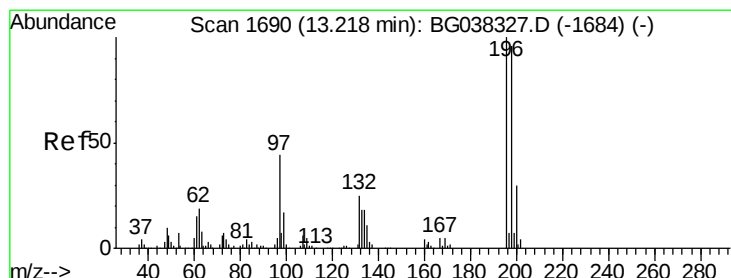
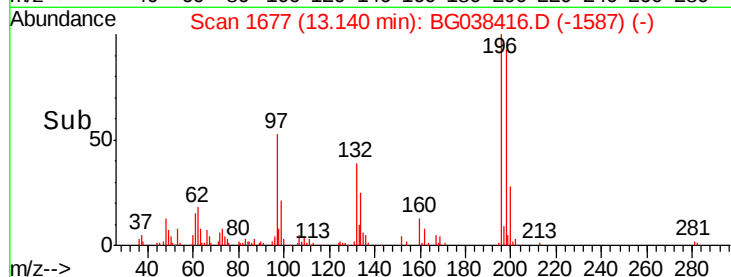
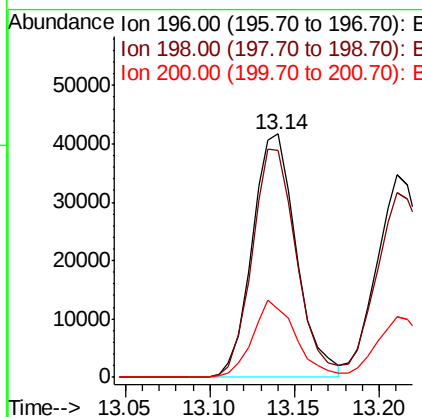
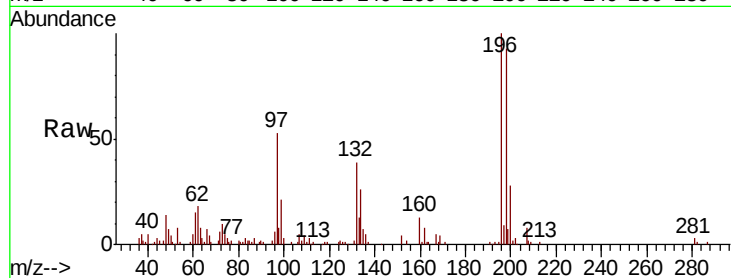




#43
 2,4,6-Trichlorophenol
 Concen: 87.104 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

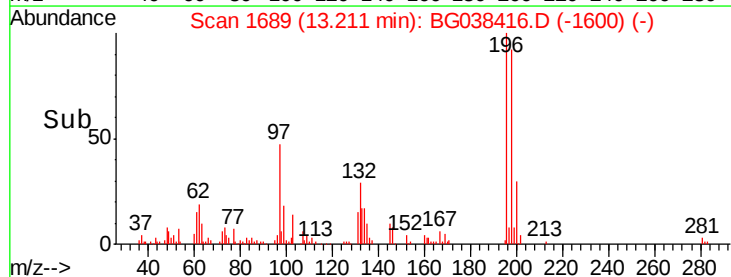
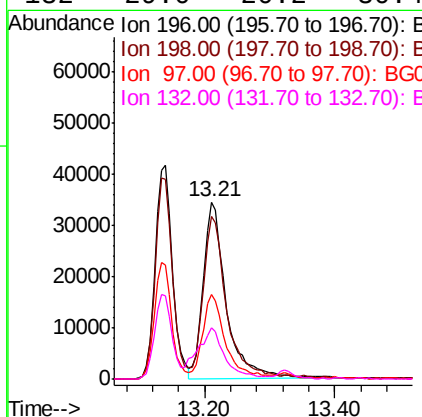
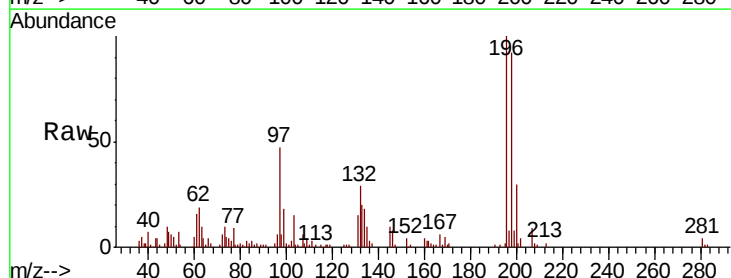
Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

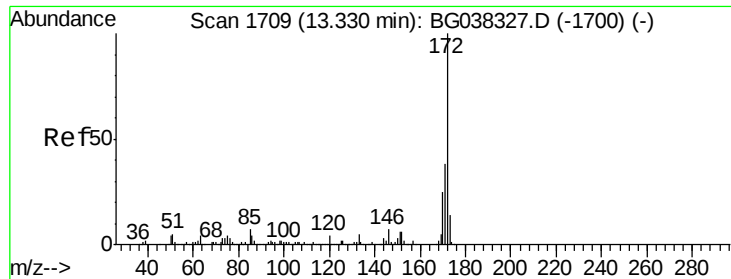
Tgt Ion:196 Resp: 75671
 Ion Ratio Lower Upper
 196 100
 198 93.3 76.4 114.6
 200 28.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 91.517 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Tgt Ion:196 Resp: 84226
 Ion Ratio Lower Upper
 196 100
 198 91.7 74.2 111.2
 97 47.5 34.1 51.1
 132 29.0 20.2 30.4

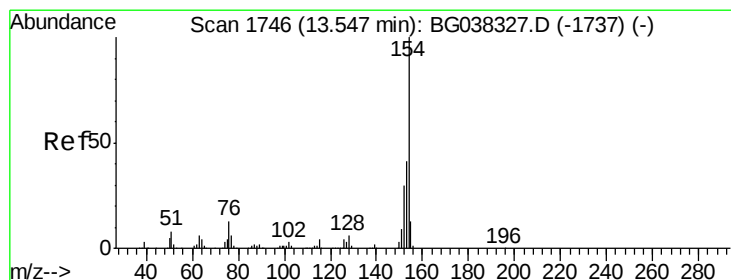
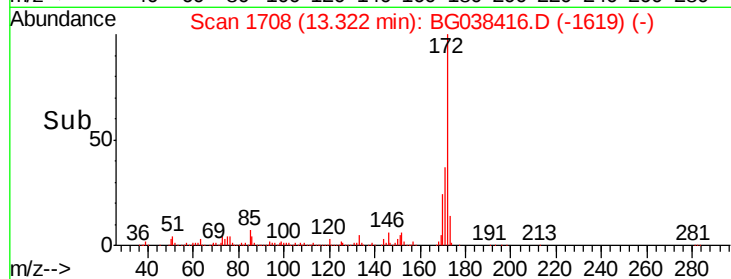
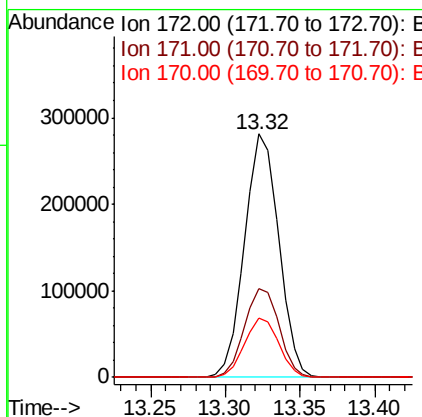
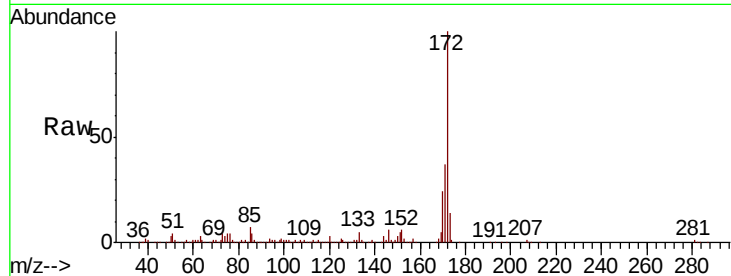




#45
2-Fluorobiphenyl
Concen: 162.821 ng
RT: 13.32 min Scan# 1708
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

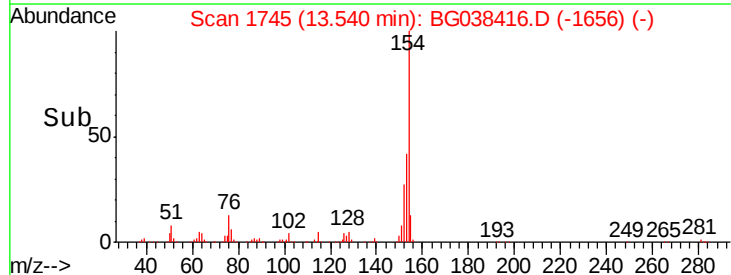
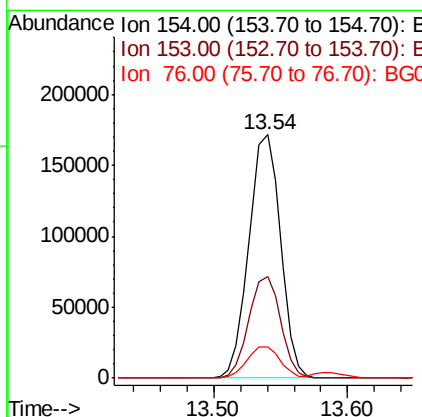
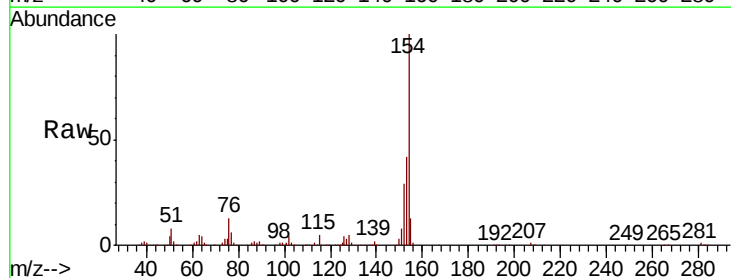
Instrument :
BNA_G
ClientSampleId :
PB115432BS

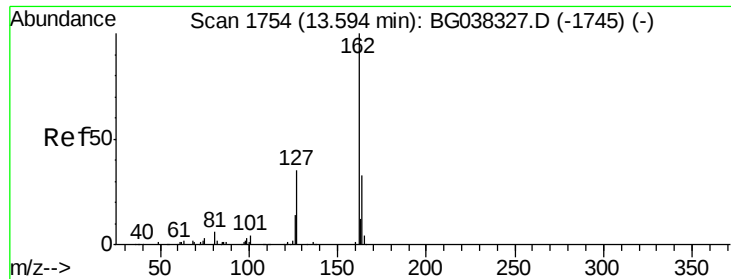
Tgt Ion:172 Resp: 445346
Ion Ratio Lower Upper
172 100
171 36.7 31.0 46.4
170 24.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 85.390 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion:154 Resp: 281310
Ion Ratio Lower Upper
154 100
153 42.0 22.1 62.1
76 12.7 0.0 33.2

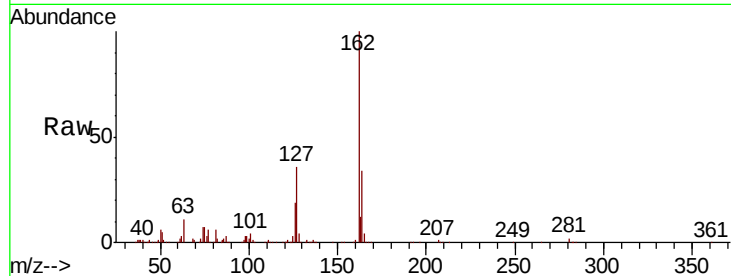




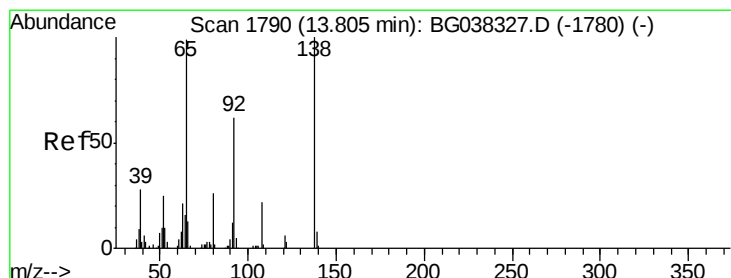
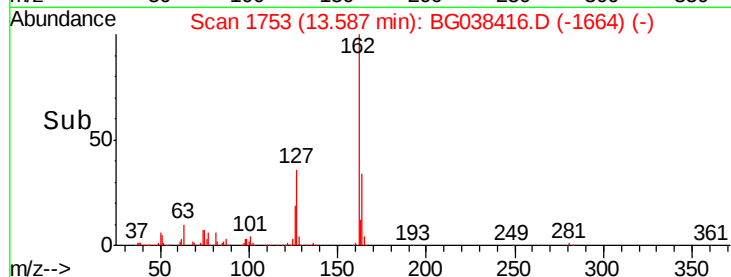
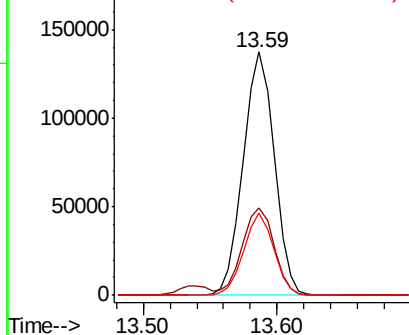
#47
 2-Chloronaphthalene
 Concen: 88.927 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.0	30.5	45.7
164	33.8	26.4	39.6

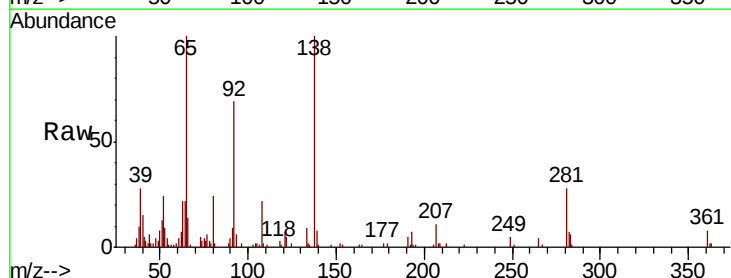


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

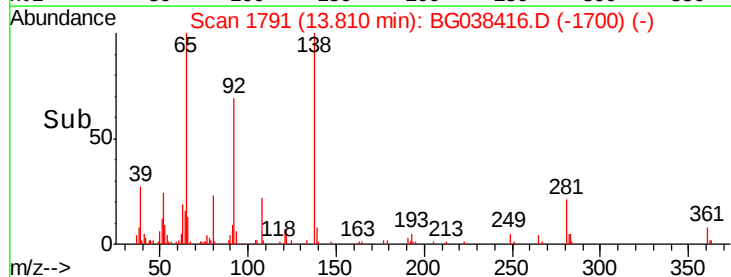
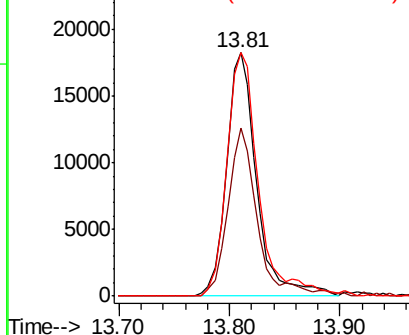


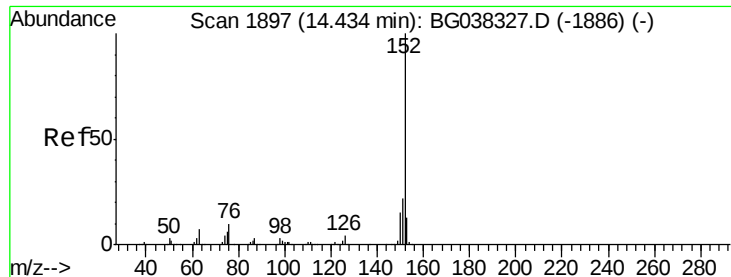
#48
 2-Nitroaniline
 Concen: 41.770 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.2	79.8
138	99.9	79.3	118.9



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





#49

Acenaphthylene

Concen: 14.130 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

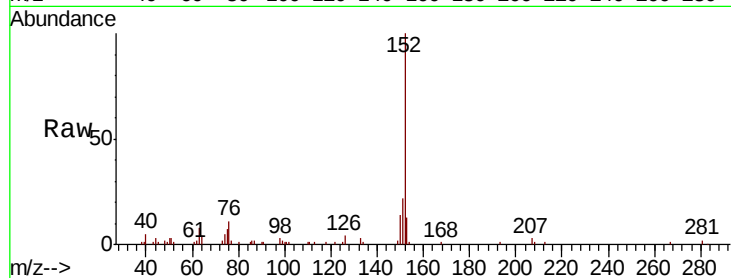
Tgt Ion:152 Resp: 52902

Ion Ratio Lower Upper

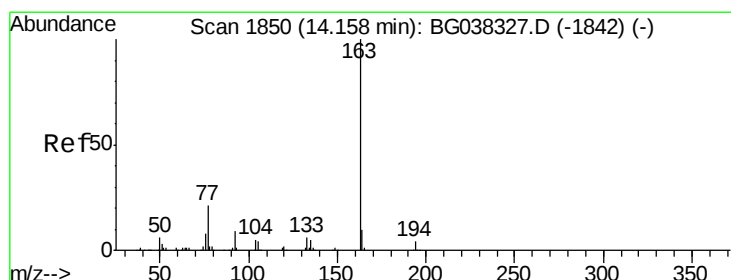
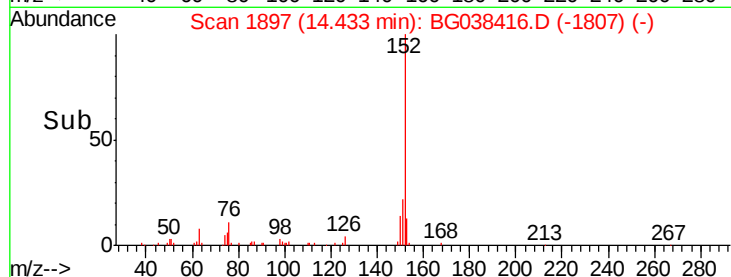
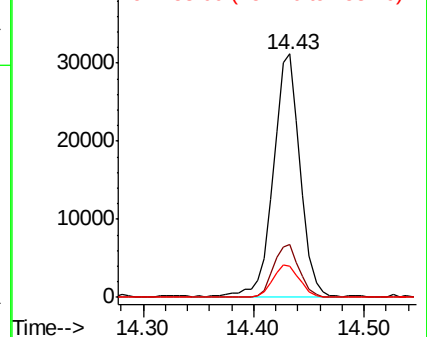
152 100

151 21.5 17.1 25.7

153 13.0 11.1 16.7



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



#50

Dimethylphthalate

Concen: 91.153 ng

RT: 14.15 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

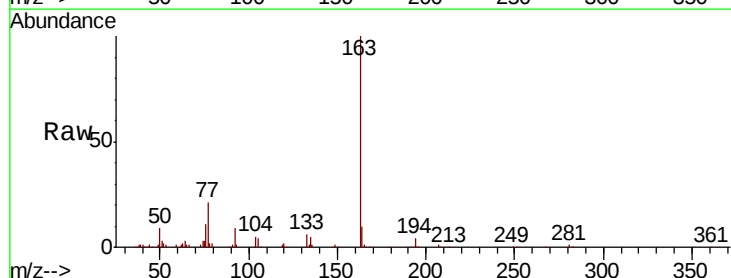
Tgt Ion:163 Resp: 284950

Ion Ratio Lower Upper

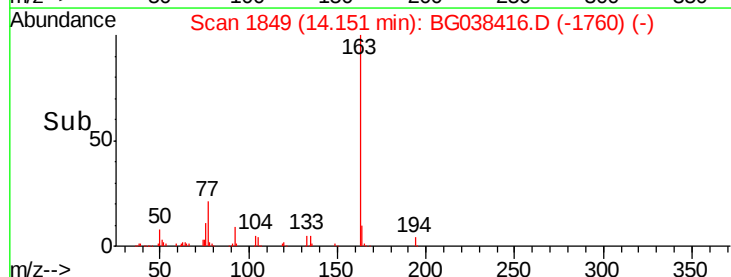
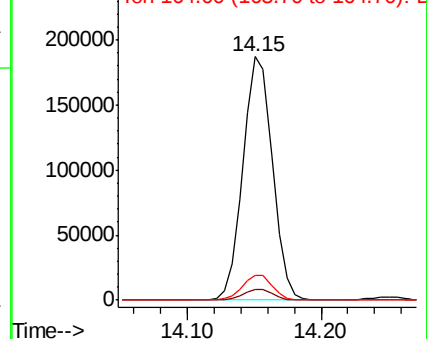
163 100

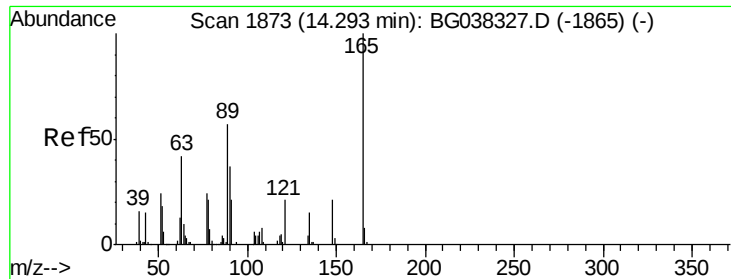
194 4.4 3.5 5.3

164 10.2 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

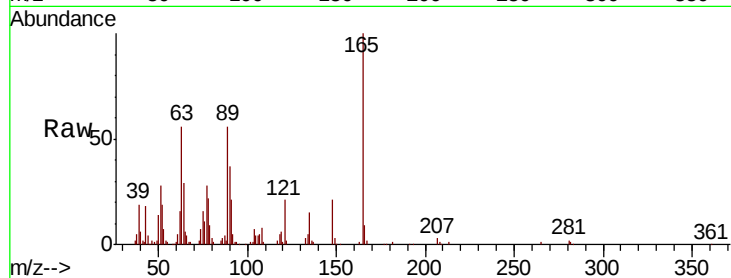




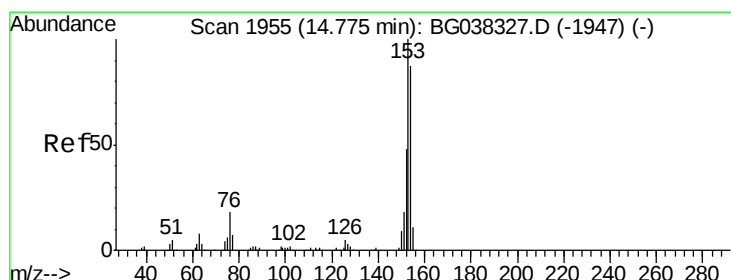
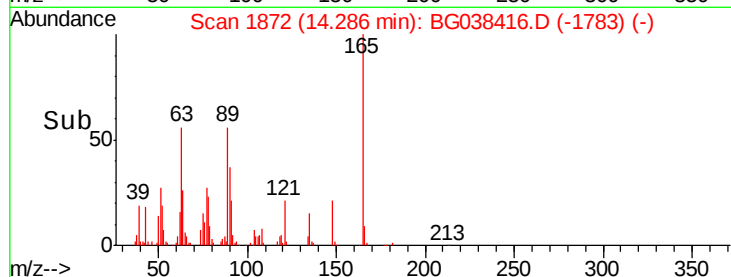
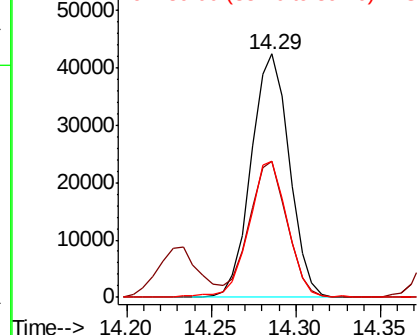
#51
2,6-Dinitrotoluene
Concen: 93.169 ng
RT: 14.29 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tgt Ion:165 Resp: 66531
Ion Ratio Lower Upper
165 100
63 55.7 43.4 65.2
89 55.6 45.8 68.6

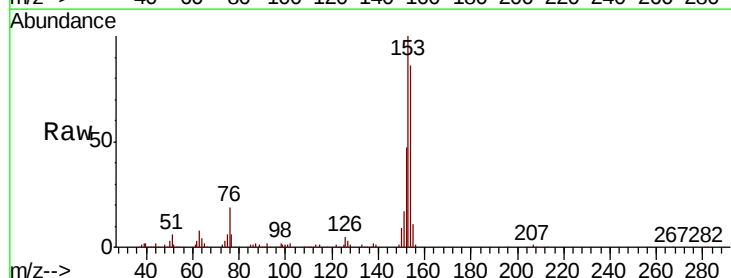


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

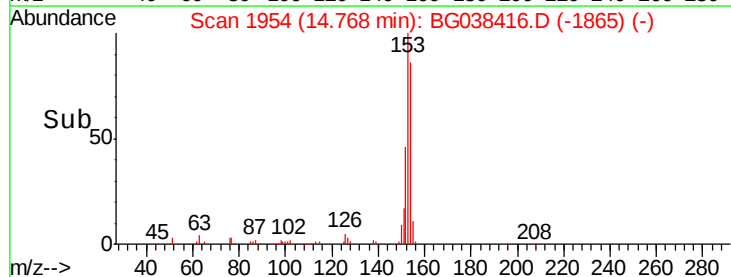
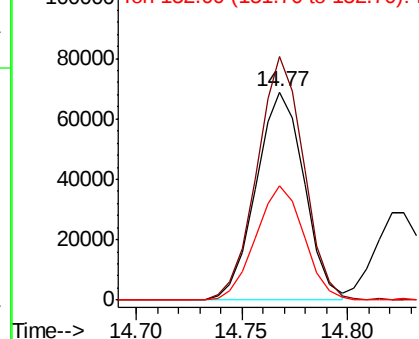


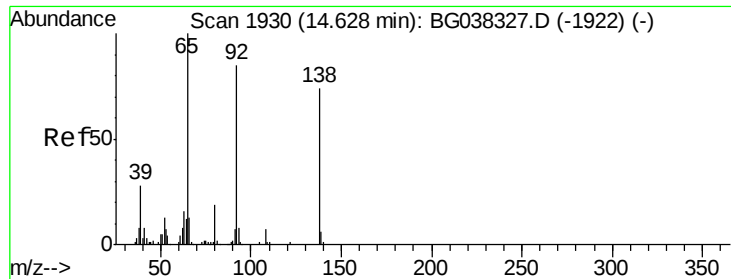
#52
Acenaphthene
Concen: 47.539 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion:154 Resp: 108506
Ion Ratio Lower Upper
154 100
153 116.9 93.4 140.0
152 55.1 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 5.576 ng

RT: 14.76 min Scan# 1953

Delta R.T. 0.13 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

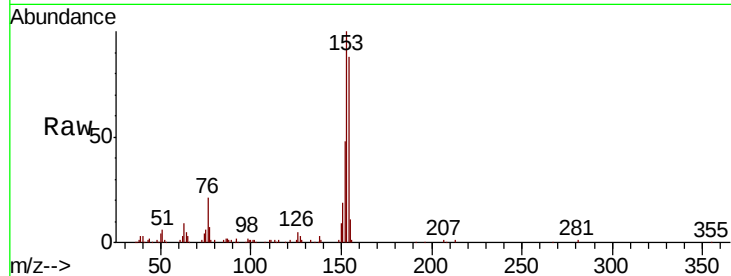
Tgt Ion:138 Resp: 4288

Ion Ratio Lower Upper

138 100

108 11.3 11.0 16.6

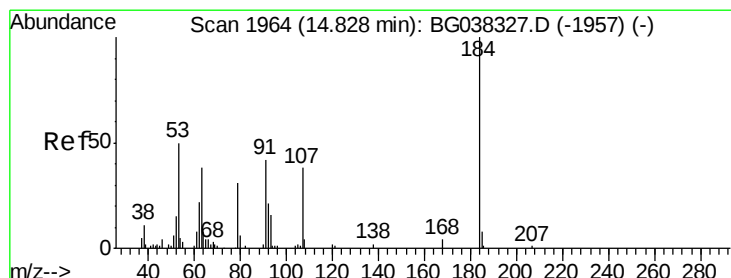
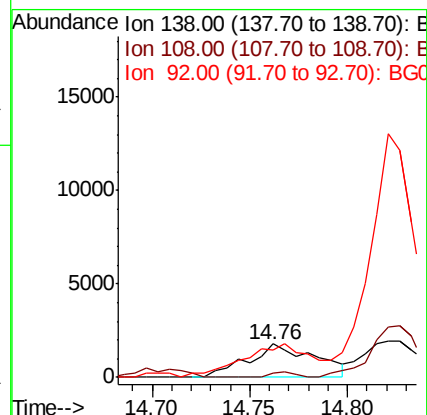
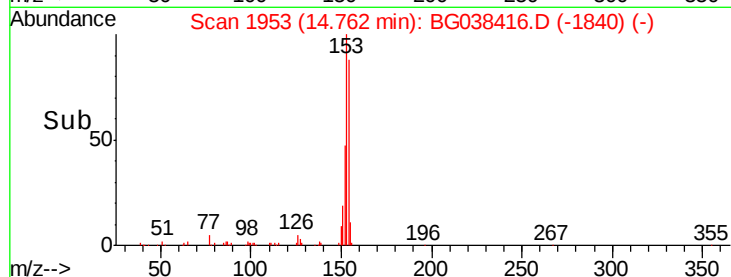
92 80.5 95.2 142.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 218.673 ng

RT: 14.82 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

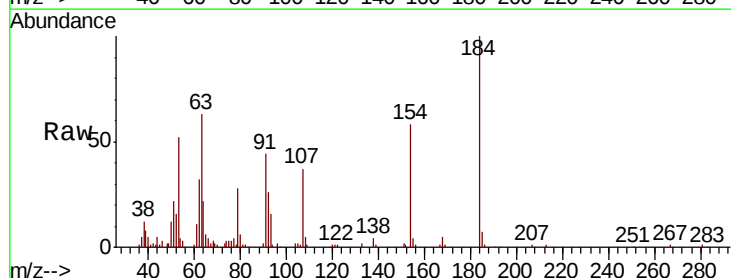
Tgt Ion:184 Resp: 85598

Ion Ratio Lower Upper

184 100

63 62.7 42.6 63.8

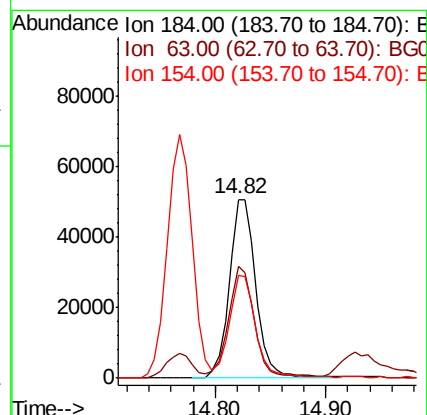
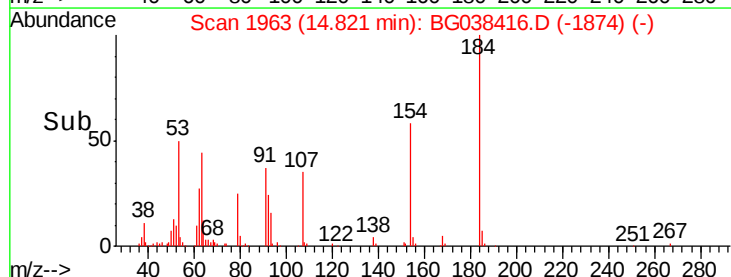
154 57.6 41.8 62.6

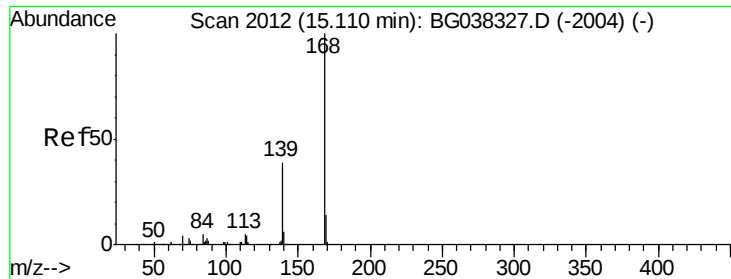


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

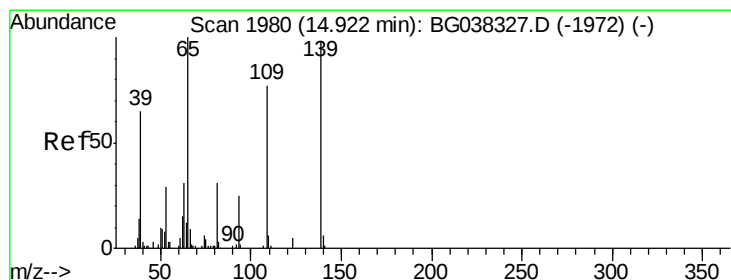
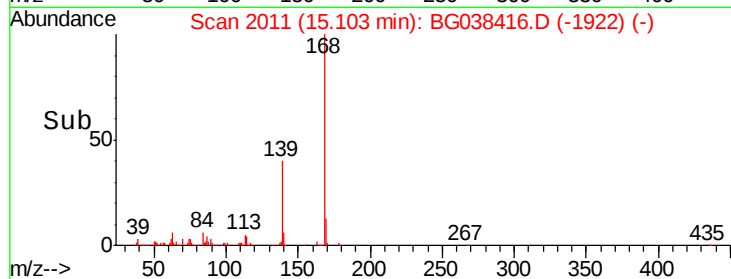
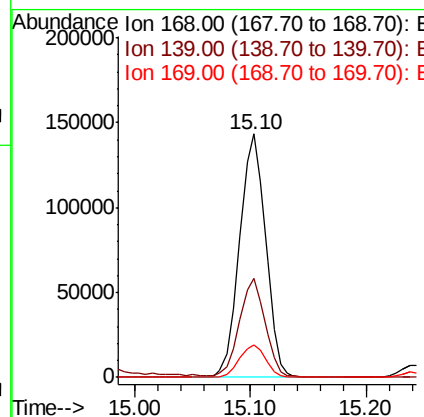
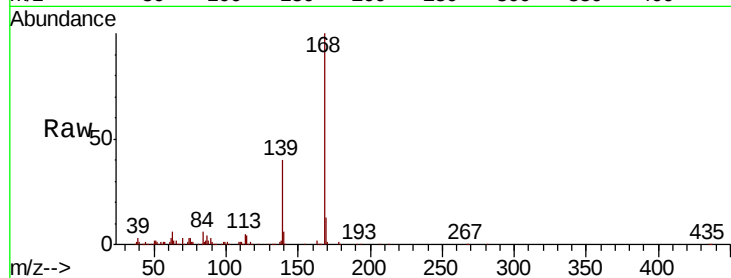




#55
Dibenzenofuran
Concen: 59.416 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

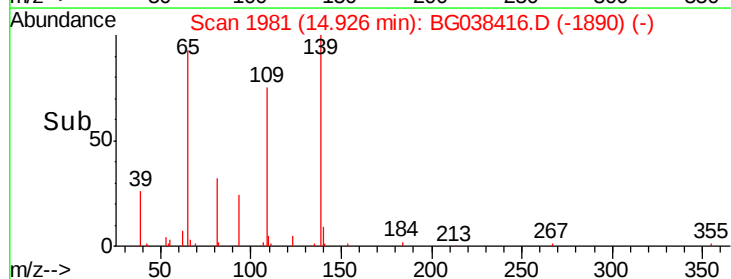
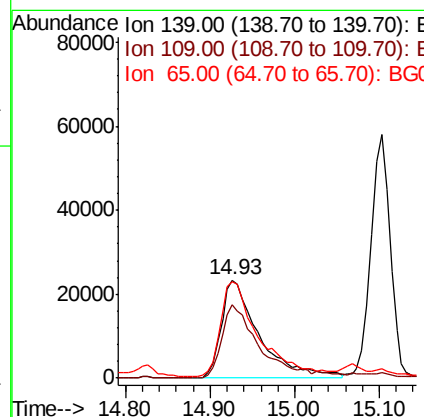
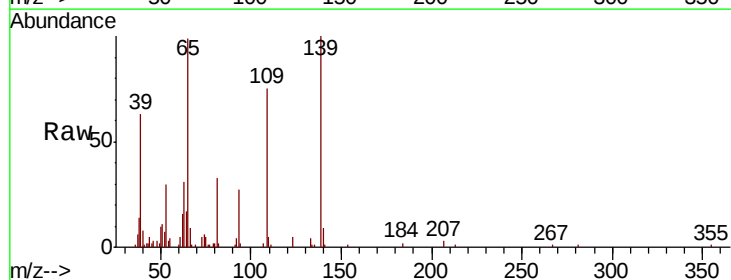
Instrument :
BNA_G
ClientSampleId :
PB115432BS

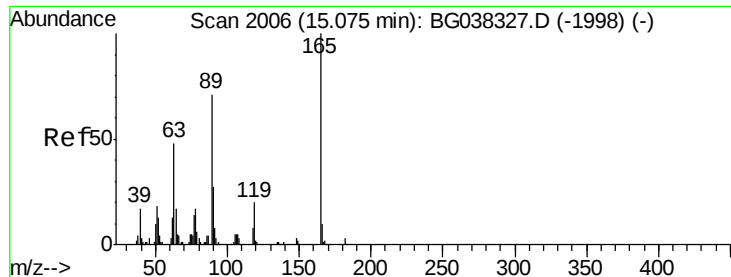
Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	29.4	44.0
169	13.5	11.0	16.6



#56
4-Nitrophenol
Concen: 120.743 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.5	49.5	89.5
65	98.7	76.8	116.8

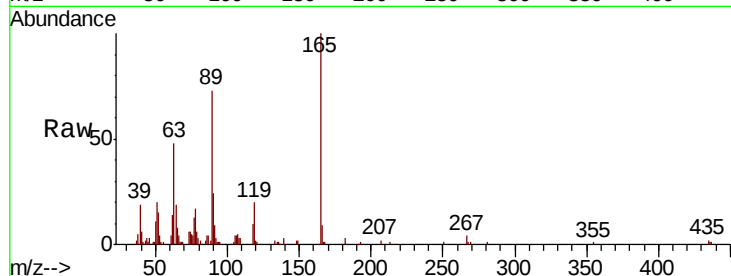




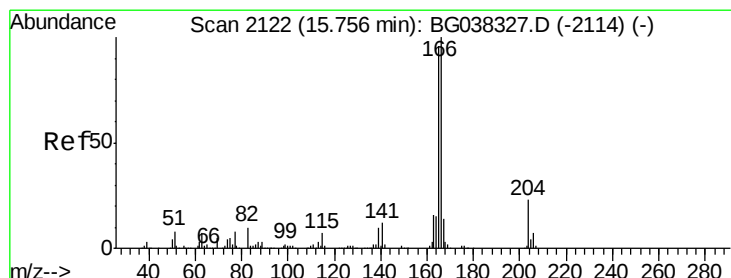
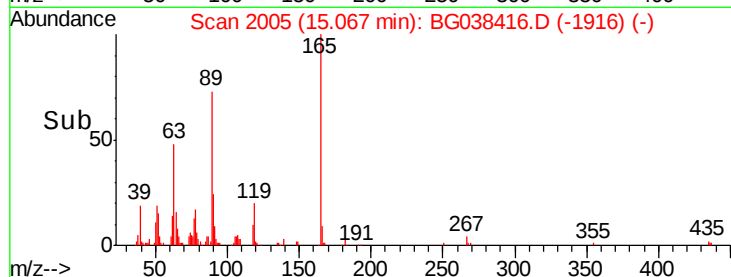
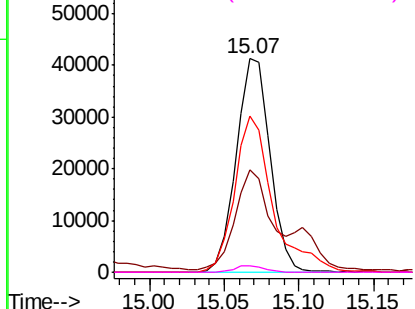
#57
2,4-Dinitrotoluene
Concen: 65.989 ng
RT: 15.07 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tgt Ion:165 Resp: 64992
Ion Ratio Lower Upper
165 100
63 48.1 33.4 50.0
89 73.0 57.2 85.8
182 2.9 2.6 4.0

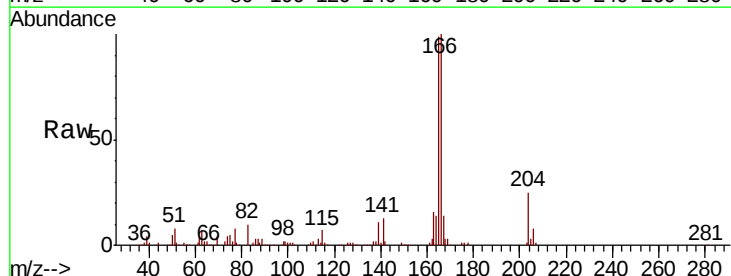


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO
Ion 182.00 (181.70 to 182.70): E

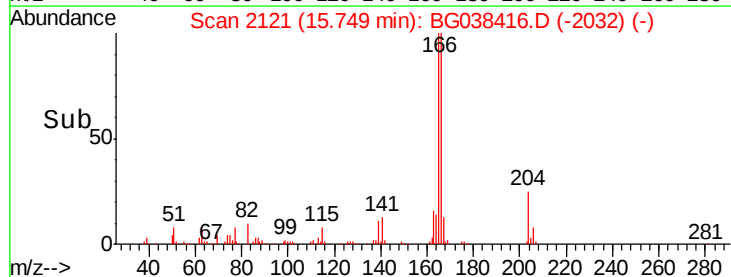
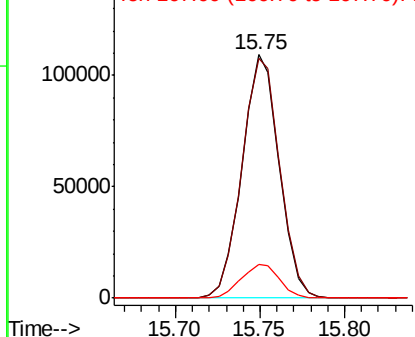


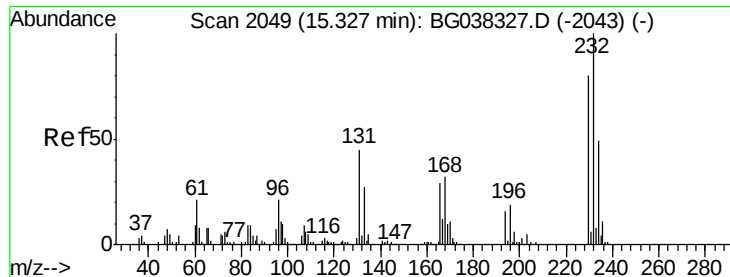
#58
Fluorene
Concen: 59.784 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion:166 Resp: 166200
Ion Ratio Lower Upper
166 100
165 98.7 79.0 118.6
167 14.0 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

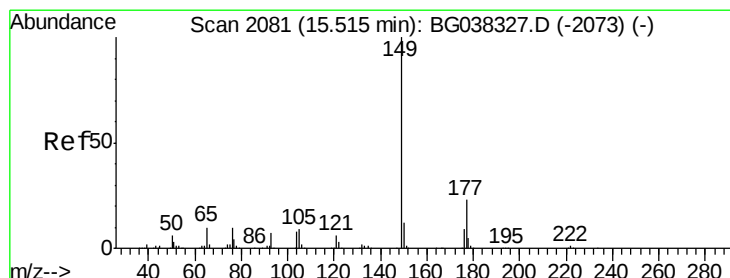
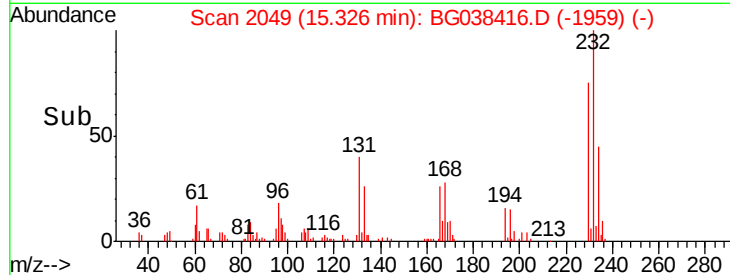
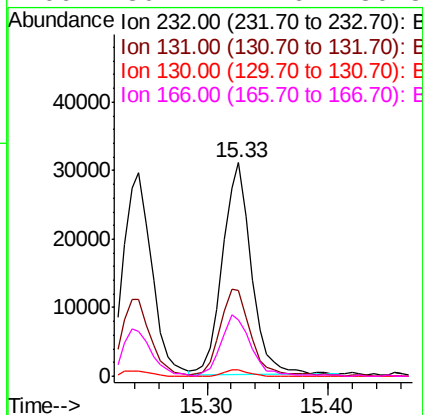
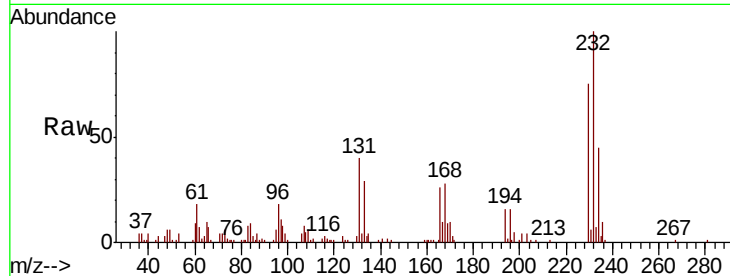




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 64.239 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

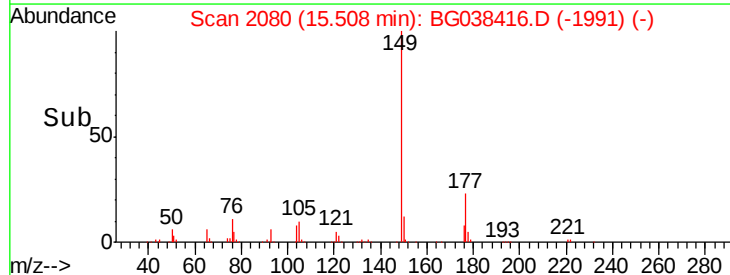
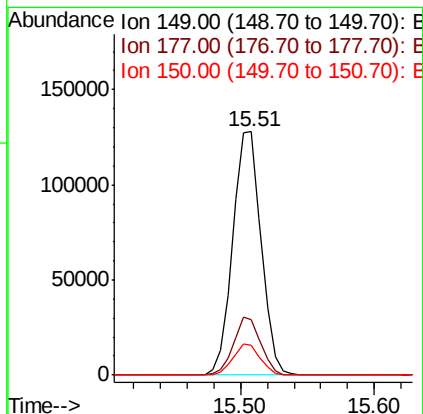
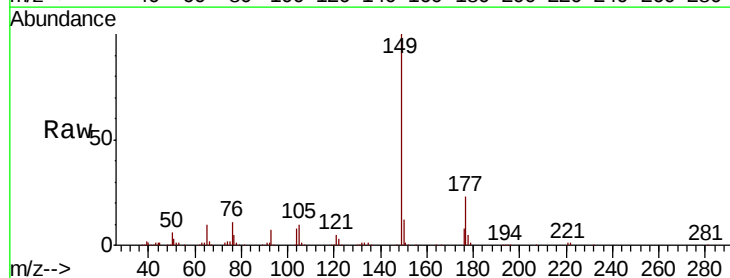
Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

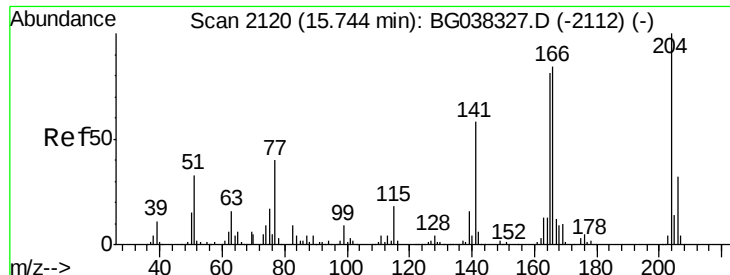
Tgt Ion:	232	Resp:	51348
Ion	Ratio	Lower	Upper
232	100		
131	44.4	33.7	50.5
130	2.6	2.1	3.1
166	30.4	24.6	36.8



#60
 Diethylphthalate
 Concen: 54.577 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Tgt Ion:	149	Resp:	189017
Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	12.5	10.0	15.0

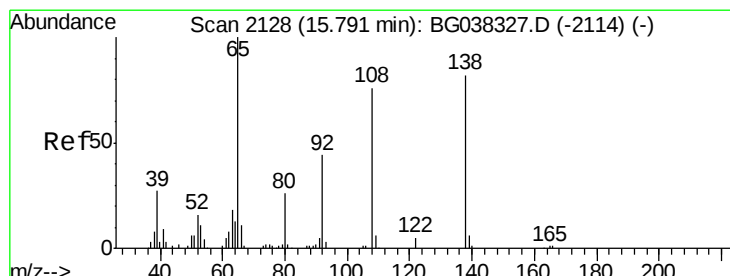
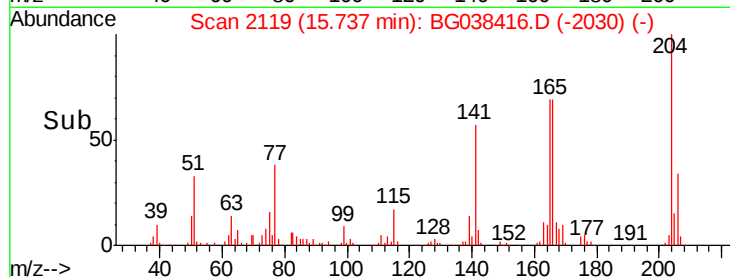
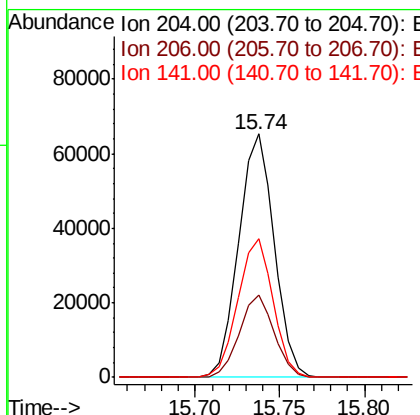
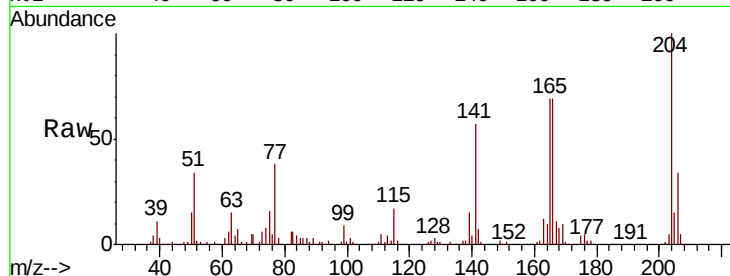




#61
 4-Chlorophenyl-phenylether
 Concen: 57.076 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

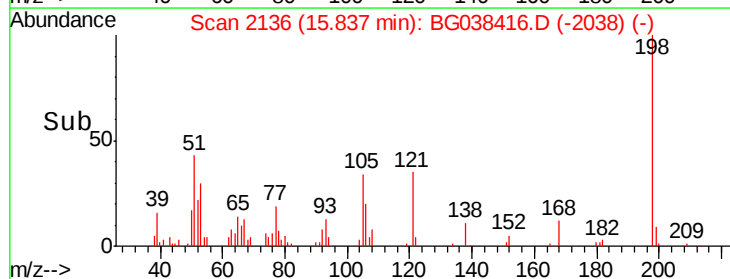
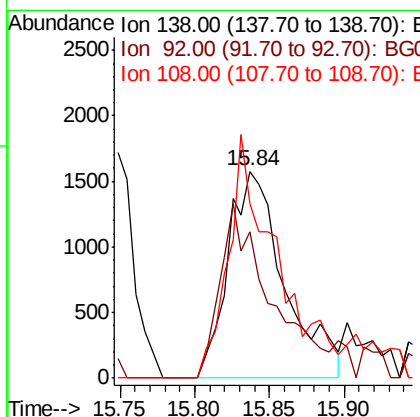
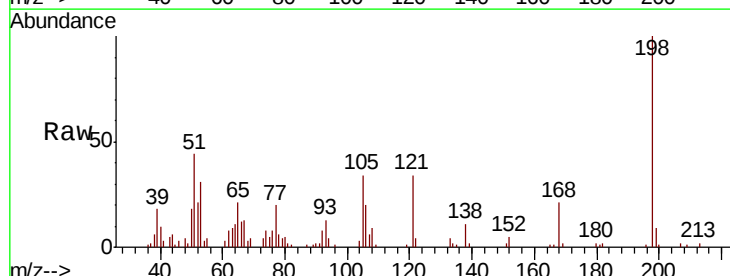
Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

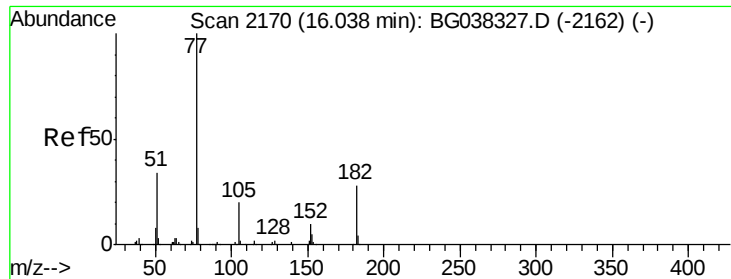
Tgt Ion: 204 Resp: 95307
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.6 39.8
 141 57.0 45.4 68.2



#62
 4-Nitroaniline
 Concen: 5.489 ng
 RT: 15.84 min Scan# 2136
 Delta R.T. 0.05 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Tgt Ion: 138 Resp: 4152
 Ion Ratio Lower Upper
 138 100
 92 70.9 36.4 76.4
 108 84.5 60.1 100.1





#63

Azobenzene

Concen: 4.761 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

Tgt Ion: 77 Resp: 14429

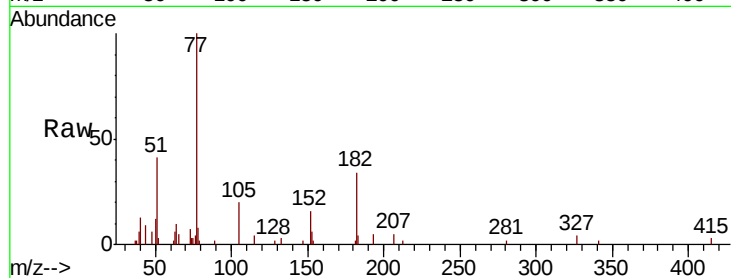
Ion Ratio Lower Upper

77 100

182 33.8 8.0 48.0

105 20.3 1.3 41.3

51 40.8 10.7 50.7

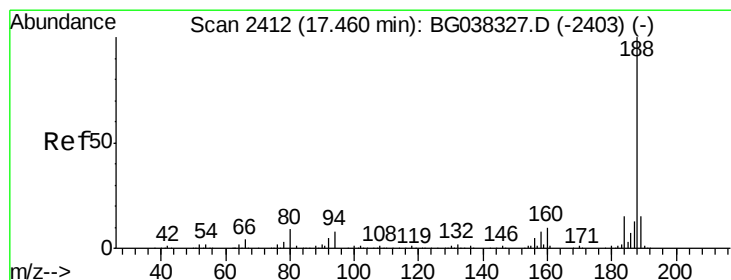
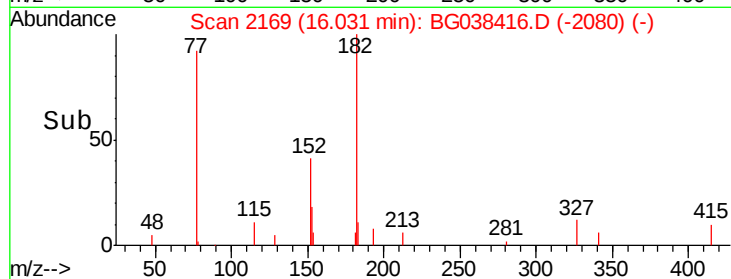
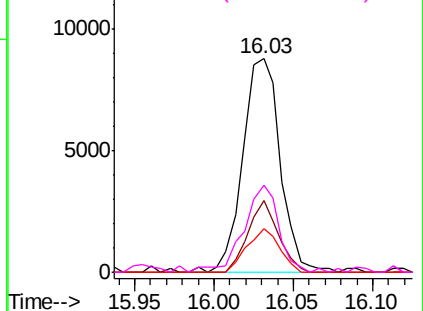


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

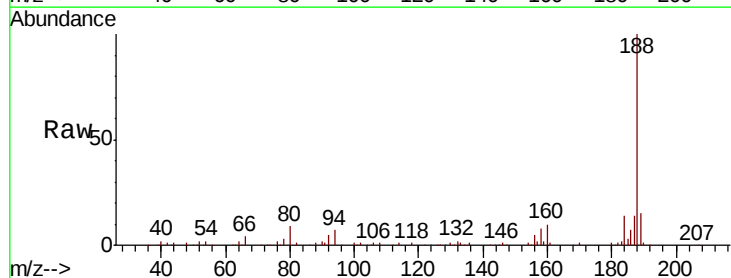
Tgt Ion: 188 Resp: 131051

Ion Ratio Lower Upper

188 100

94 7.3 7.2 10.8

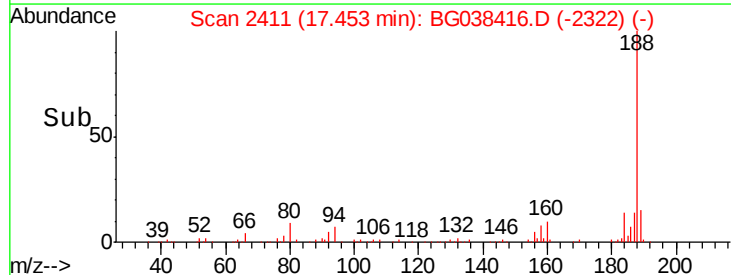
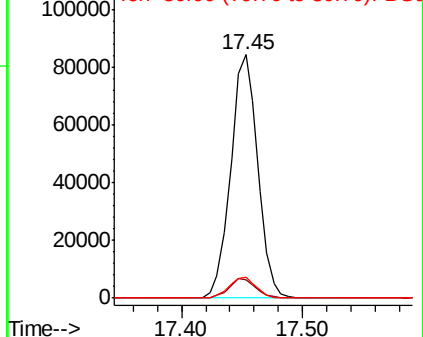
80 8.8 7.7 11.5

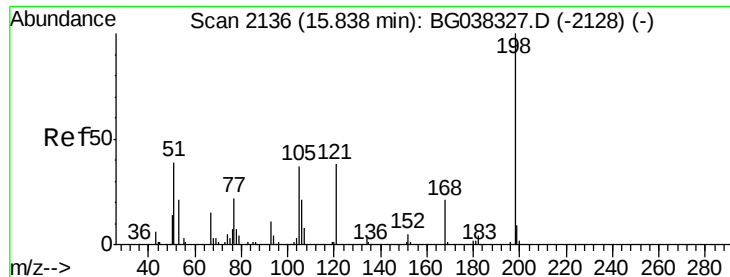


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

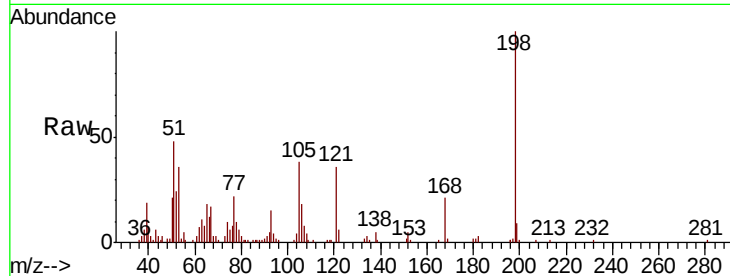




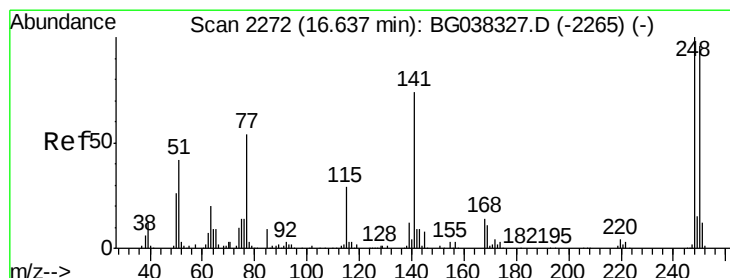
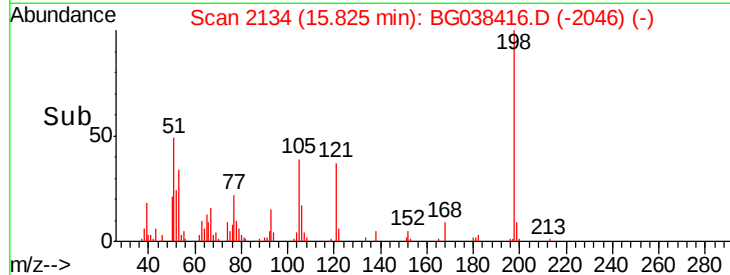
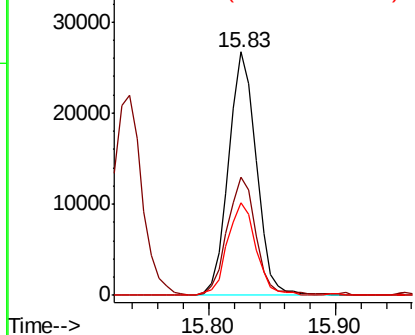
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.986 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tgt Ion:198 Resp: 40345
 Ion Ratio Lower Upper
 198 100
 51 48.4 22.7 62.7
 105 37.8 19.7 59.7

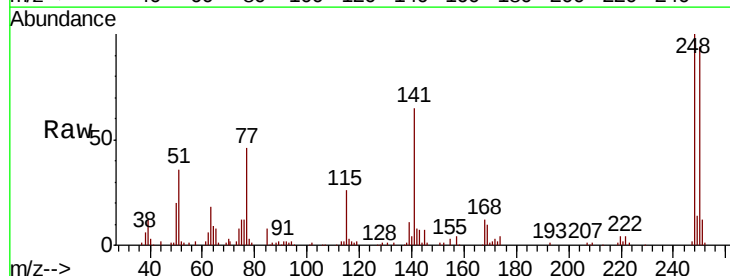


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

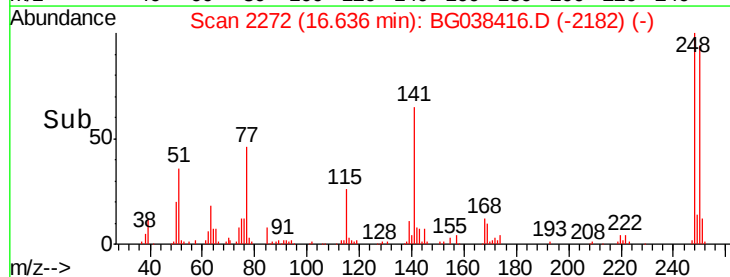
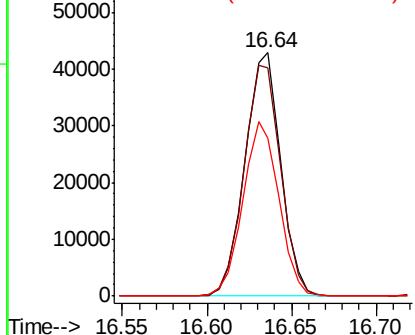


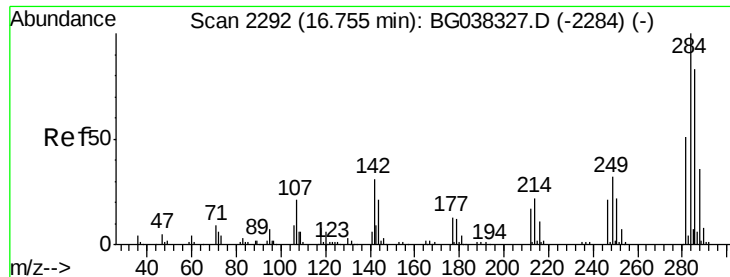
#67
 4-Bromophenyl-phenylether
 Concen: 44.623 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Tgt Ion:248 Resp: 63151
 Ion Ratio Lower Upper
 248 100
 250 93.6 77.0 115.6
 141 64.9 55.5 83.3



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

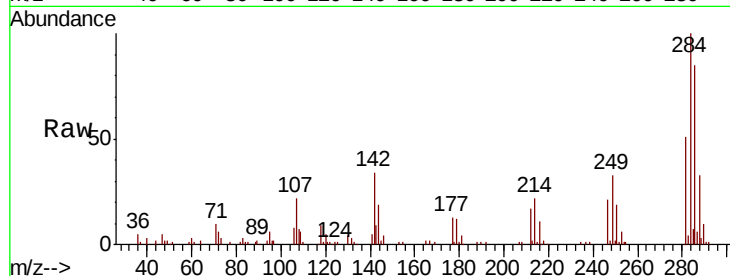




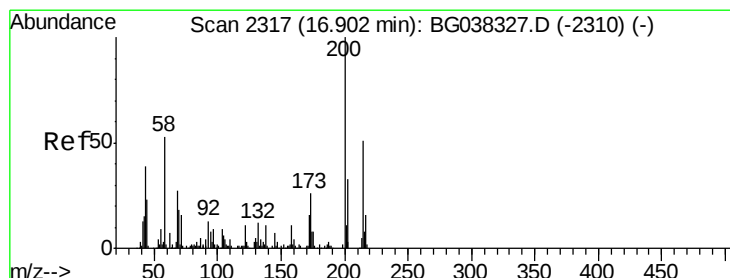
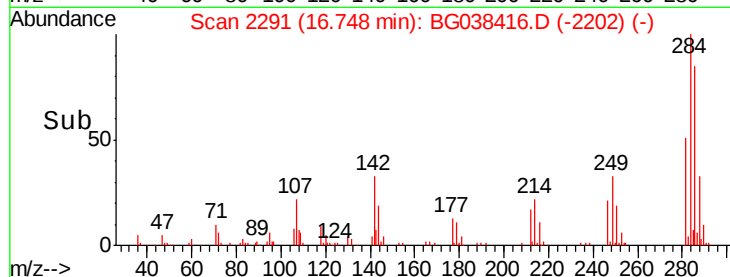
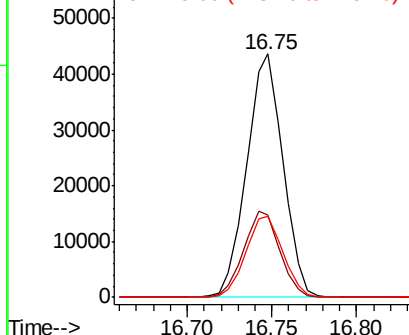
#68
Hexachlorobenzene
Concen: 44.640 ng
RT: 16.75 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Instrument :
BNA_G
ClientSampleId :
PB115432BS

Tgt Ion:284 Resp: 65162
Ion Ratio Lower Upper
284 100
142 33.7 28.1 42.1
249 35.3 29.8 44.8

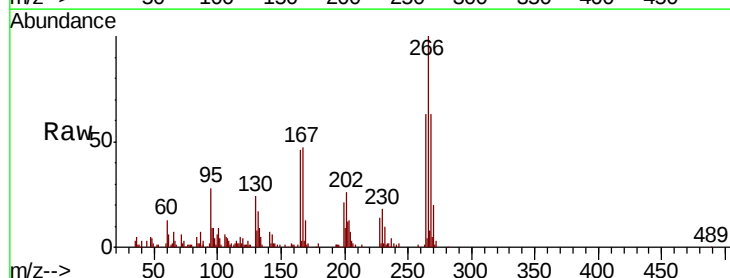


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

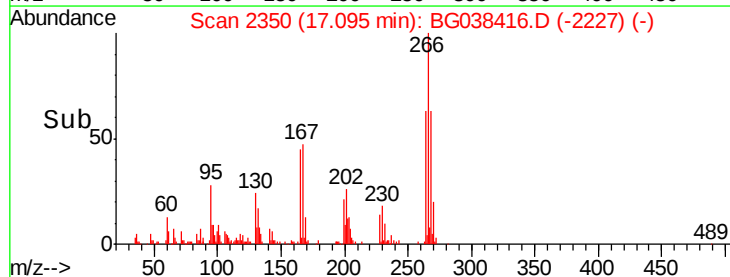
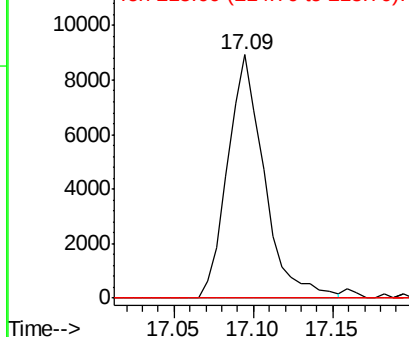


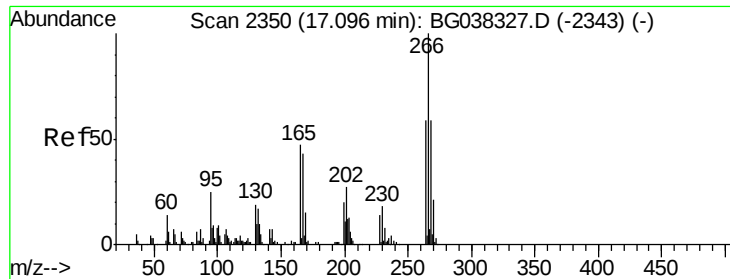
#69
Atrazine
Concen: 10.415 ng
RT: 17.09 min Scan# 2350
Delta R.T. 0.19 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion:200 Resp: 14322
Ion Ratio Lower Upper
200 100
173 0.0 6.1 46.1#
215 0.0 30.8 70.8#



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

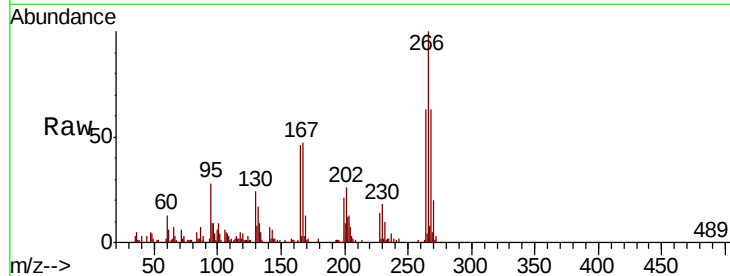




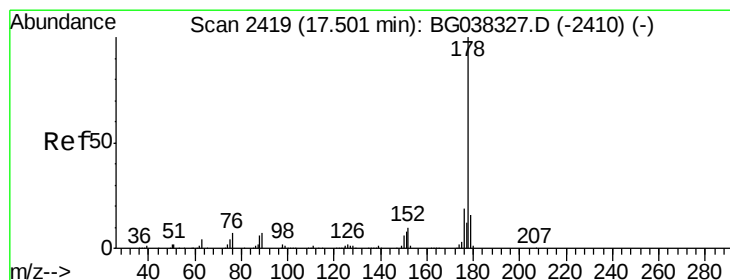
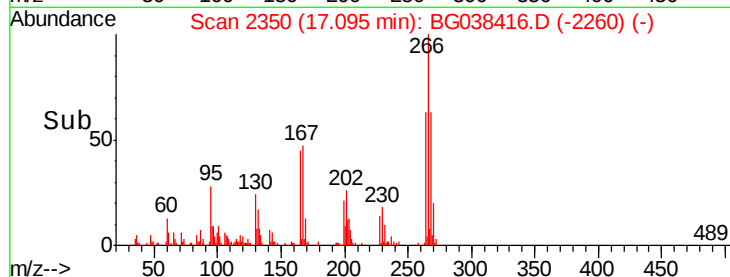
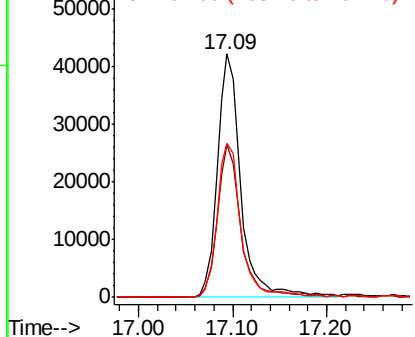
#70
 Pentachlorophenol
 Concen: 73.941 ng
 RT: 17.09 min Scan# 2350
 Delta R.T. -0.00 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tgt Ion:266 Resp: 73928
 Ion Ratio Lower Upper
 266 100
 268 67.4 55.0 82.6
 264 67.6 58.9 88.3

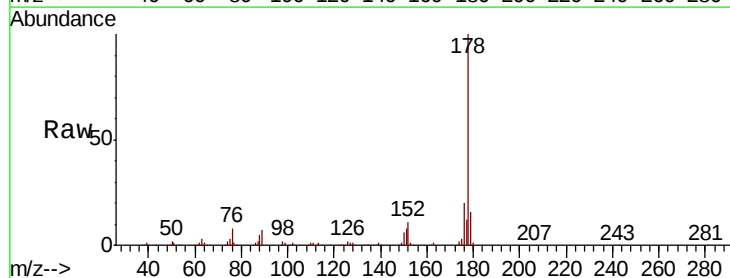


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

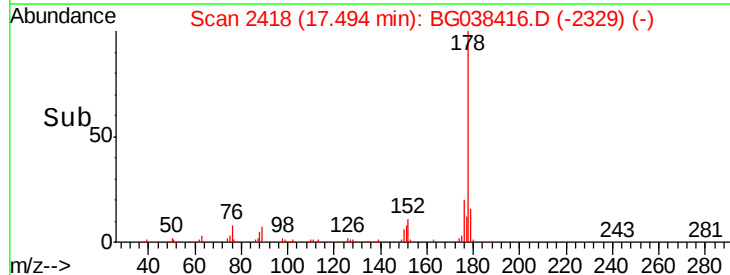
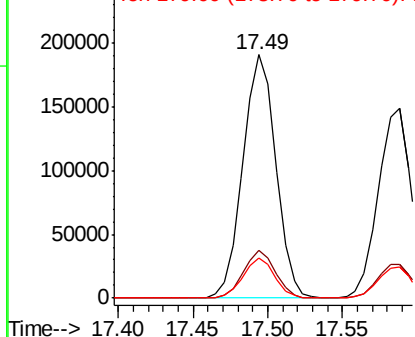


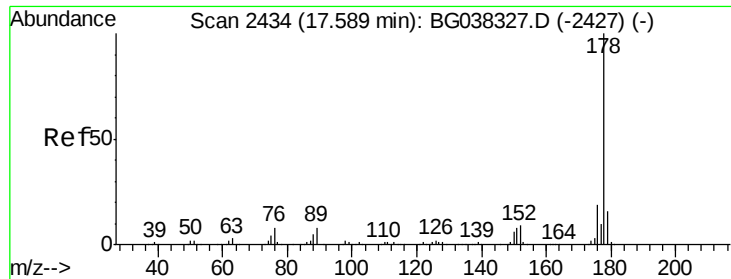
#71
 Phenanthrene
 Concen: 44.532 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Tgt Ion:178 Resp: 292260
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.1 24.1
 179 16.3 13.0 19.4



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

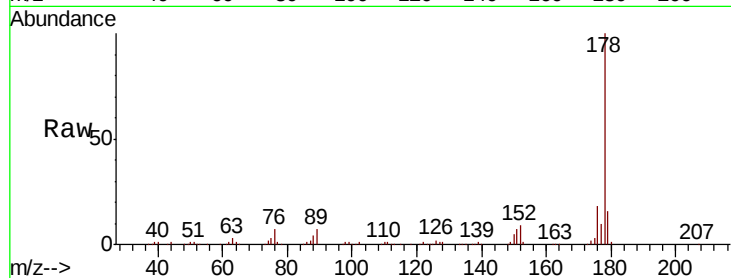




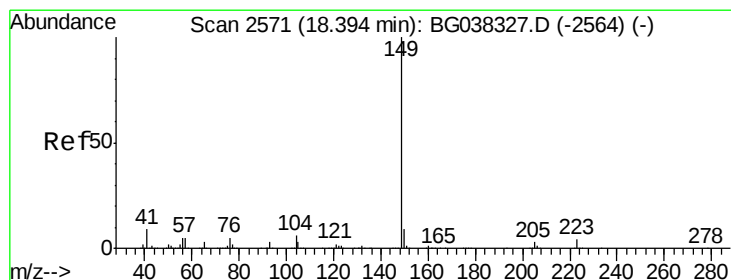
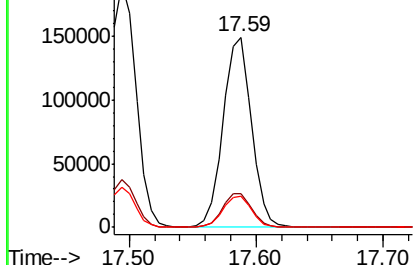
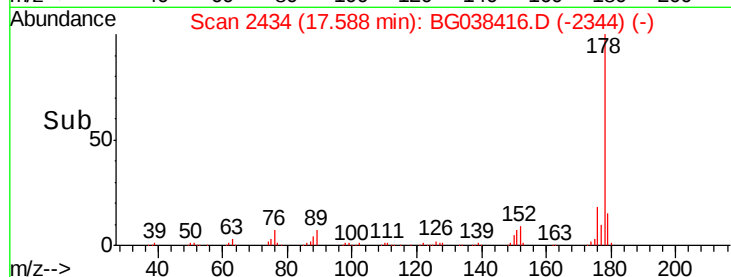
#72
 Anthracene
 Concen: 36.367 ng
 RT: 17.59 min Scan# 2434
 Delta R.T. -0.00 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Instrument :
 BNA_G
 ClientSampleId :
 PB115432BS

Tgt Ion:178 Resp: 231136
 Ion Ratio Lower Upper
 178 100
 176 17.7 15.0 22.4
 179 16.2 12.8 19.2

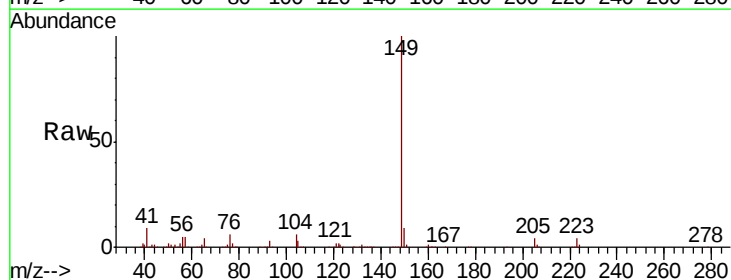


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

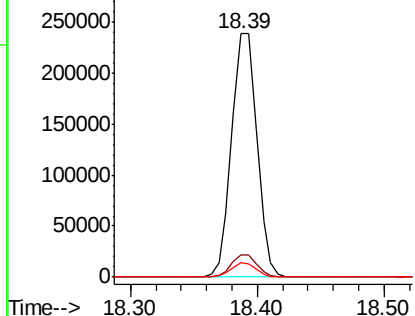
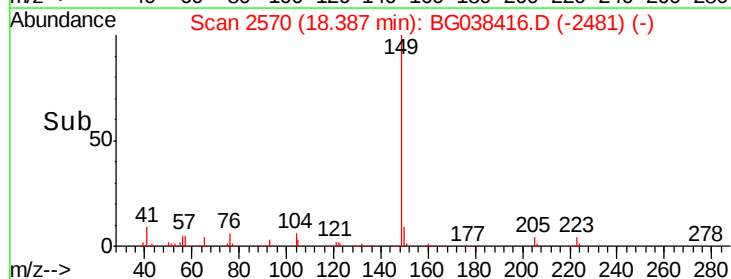


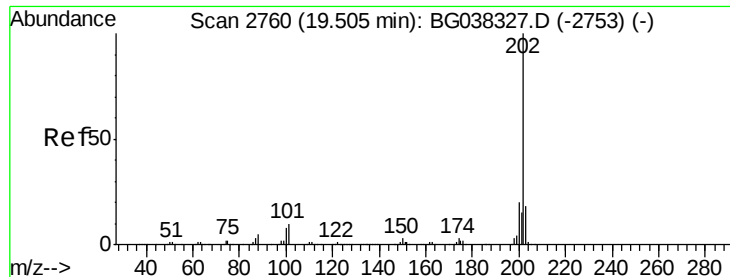
#74
 Di-n-butylphthalate
 Concen: 44.739 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BG038416.D
 Acq: 7 Dec 2018 23:25

Tgt Ion:149 Resp: 329690
 Ion Ratio Lower Upper
 149 100
 150 8.9 8.2 12.2
 104 5.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.762 ng

RT: 19.50 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

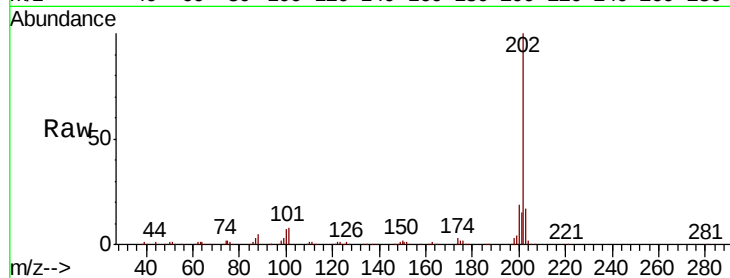
Tgt Ion:202 Resp: 312556

Ion Ratio Lower Upper

202 100

101 8.4 0.0 30.7

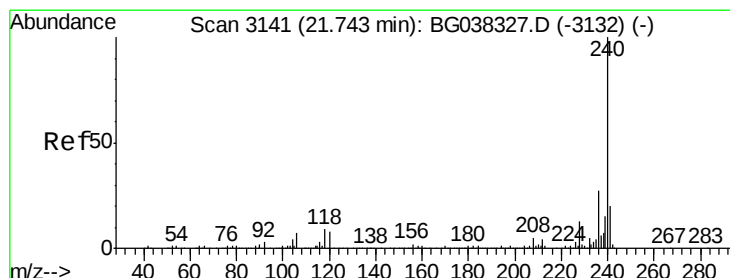
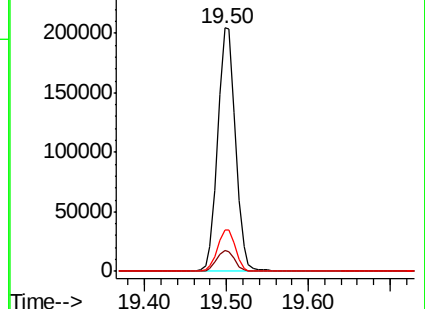
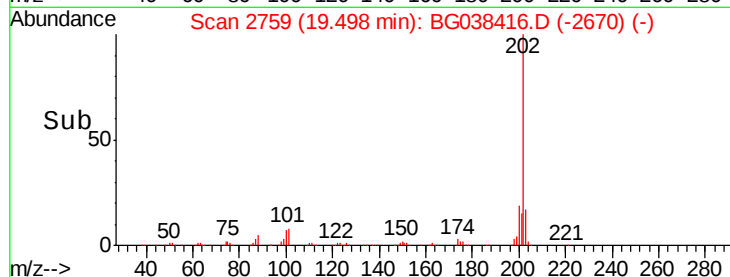
203 17.2 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

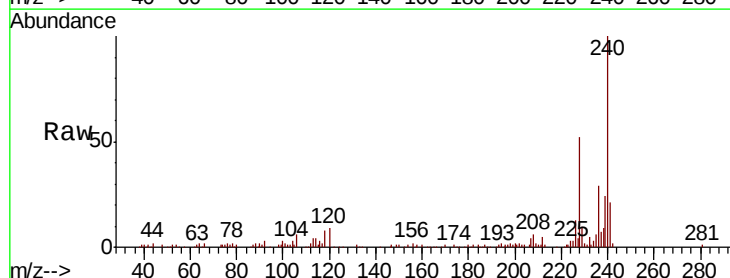
Tgt Ion:240 Resp: 103325

Ion Ratio Lower Upper

240 100

120 8.6 8.1 12.1

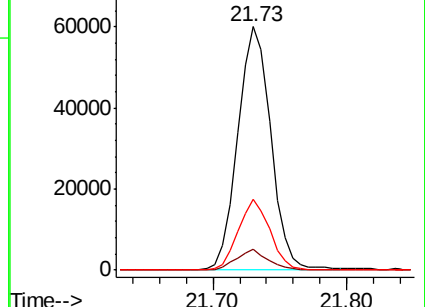
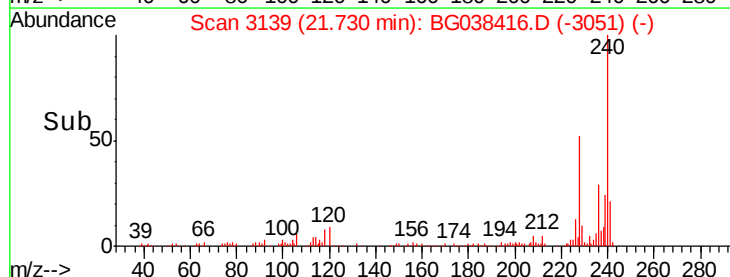
236 28.9 21.4 32.0

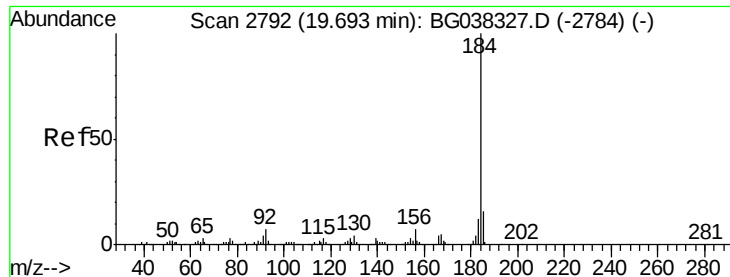


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.562 ng

RT: 20.05 min Scan# 2853

Delta R.T. 0.36 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

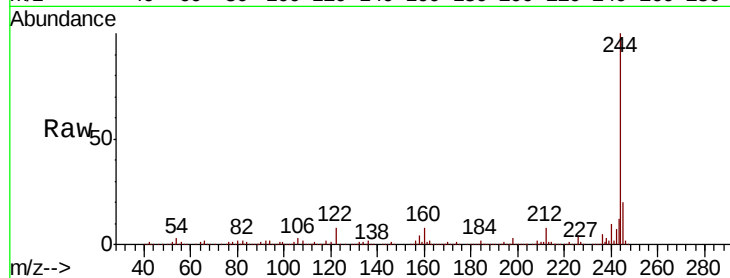
Tgt Ion:184 Resp: 8933

Ion Ratio Lower Upper

184 100

185 14.0 12.6 18.8

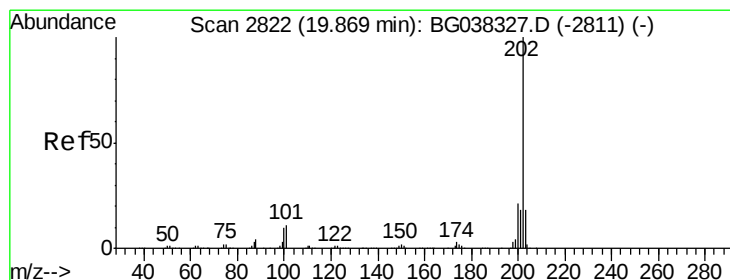
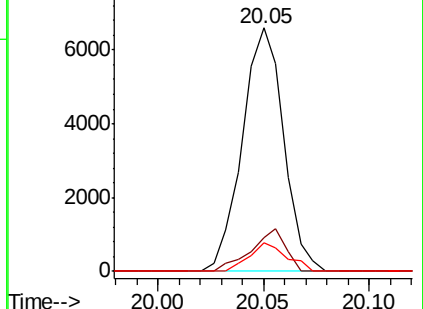
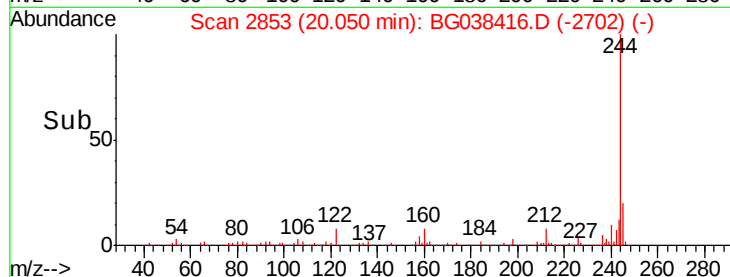
183 12.0 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 10.506 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

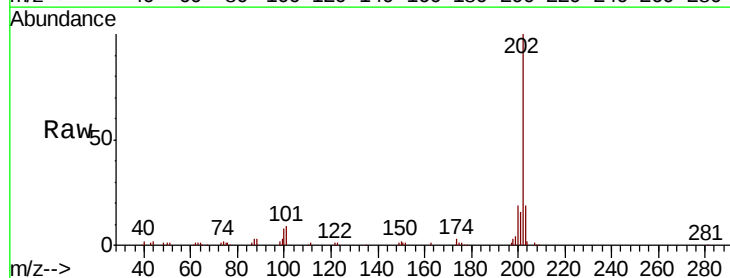
Tgt Ion:202 Resp: 75956

Ion Ratio Lower Upper

202 100

200 18.6 17.8 26.6

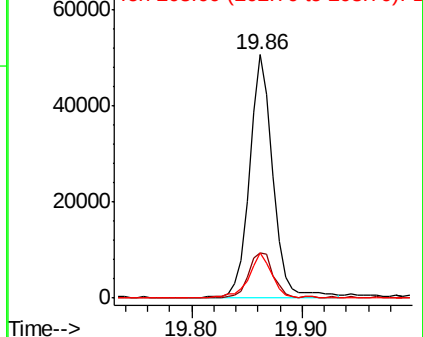
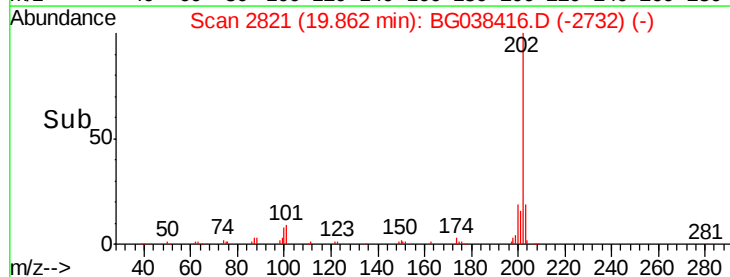
203 18.8 15.2 22.8

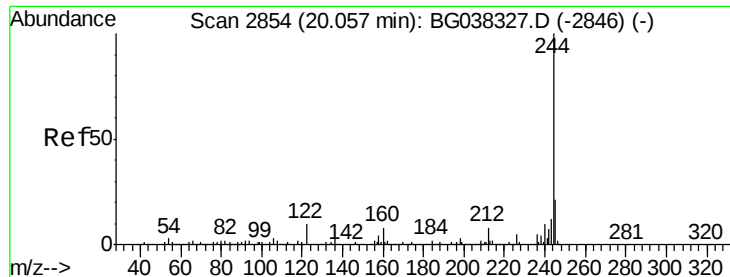


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 104.343 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

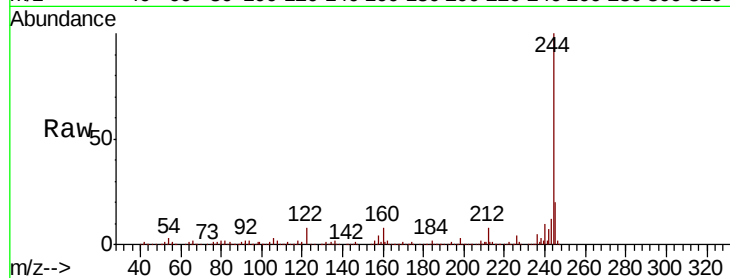
Tgt Ion:244 Resp: 503263

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

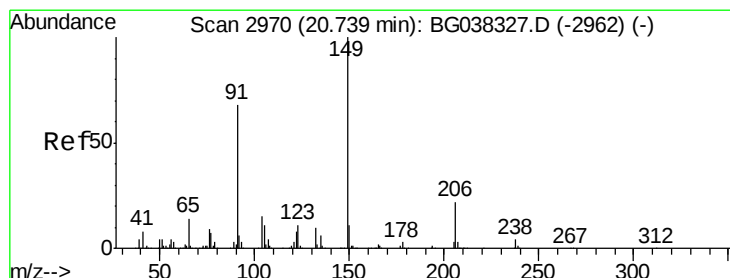
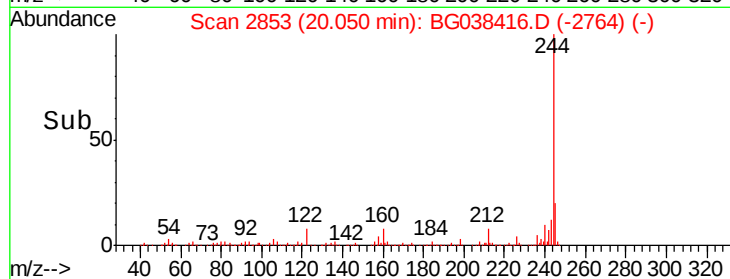
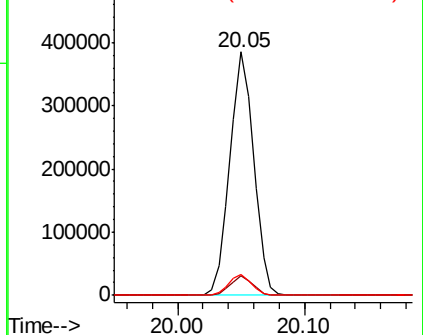
122 8.3 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 13.092 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

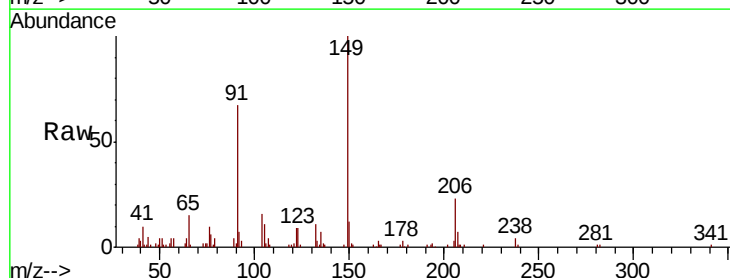
Tgt Ion:149 Resp: 38069

Ion Ratio Lower Upper

149 100

91 67.4 57.0 85.4

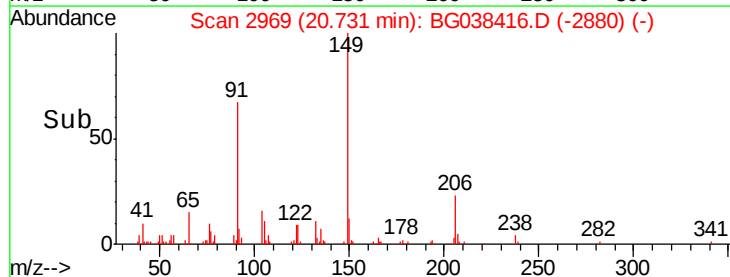
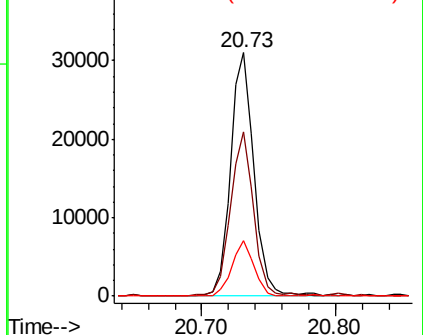
206 22.7 17.8 26.6

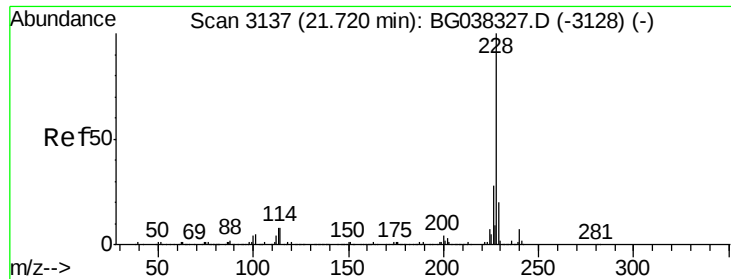


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

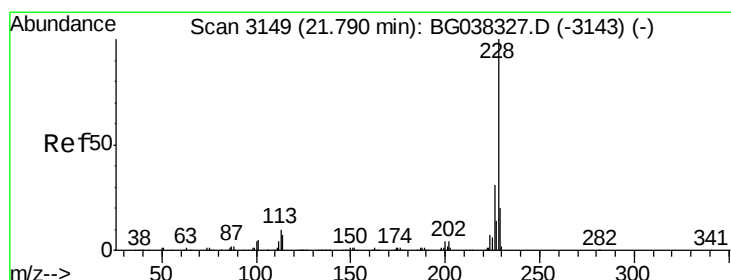
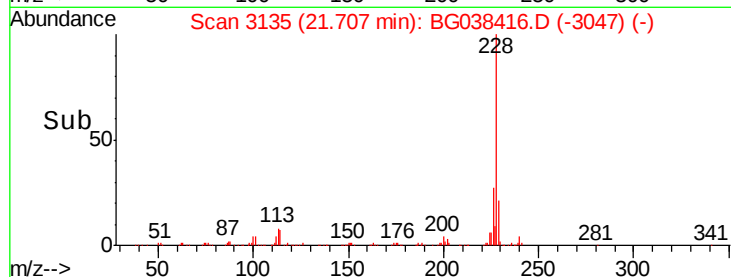
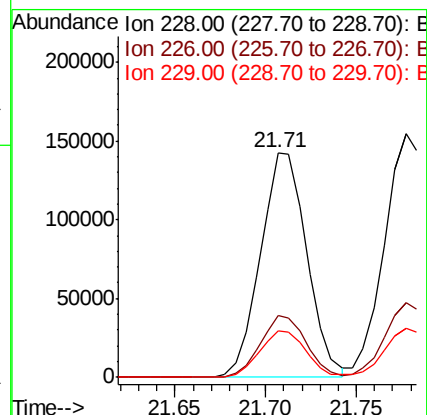
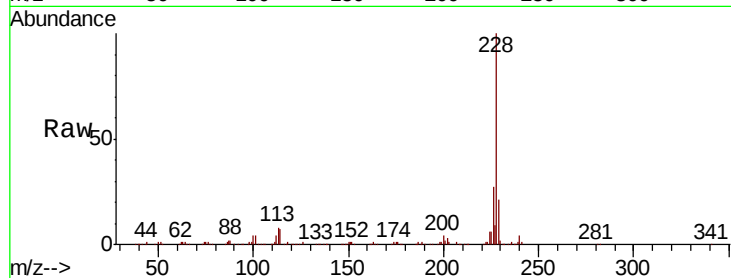




#81
Benzo(a)anthracene
Concen: 39.783 ng
RT: 21.71 min Scan# 3135
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

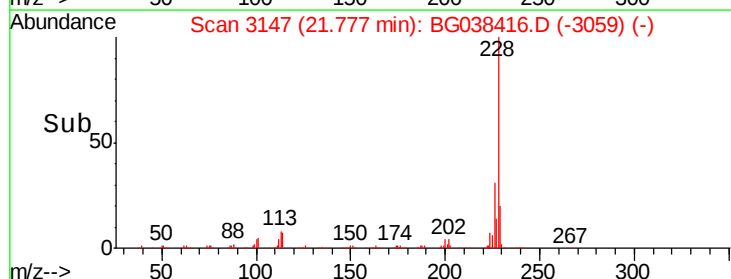
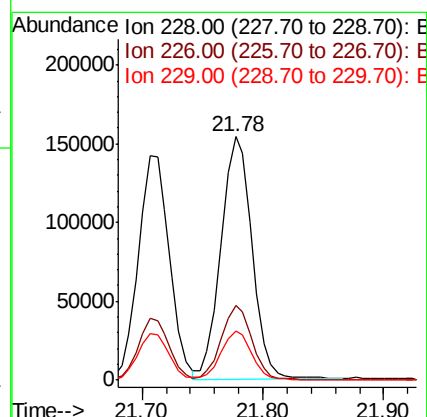
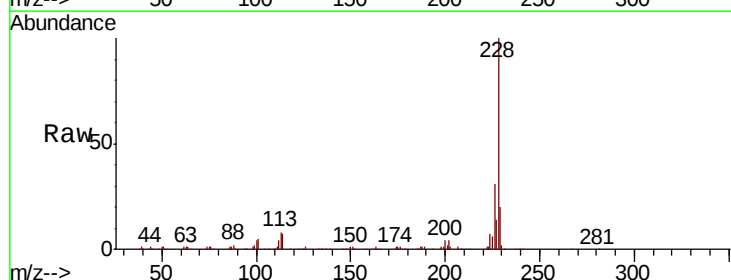
Instrument :
BNA_G
ClientSampleId :
PB115432BS

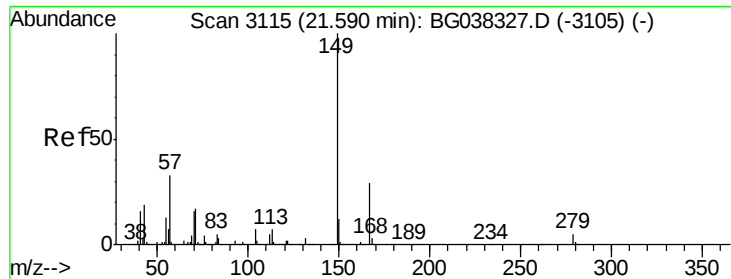
Tgt Ion:228 Resp: 252639
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 21.0 16.3 24.5



#83
Chrysene
Concen: 45.542 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG038416.D
Acq: 7 Dec 2018 23:25

Tgt Ion:228 Resp: 273682
Ion Ratio Lower Upper
228 100
226 30.5 25.7 38.5
229 20.4 16.5 24.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 48.047 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

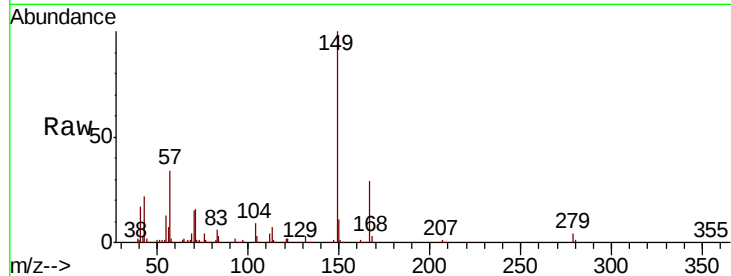
Tgt Ion:149 Resp: 198019

Ion Ratio Lower Upper

149 100

167 28.5 23.0 34.4

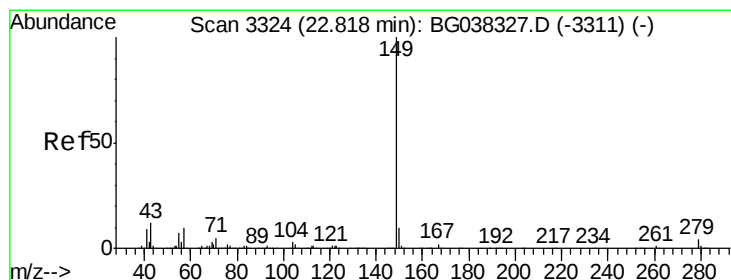
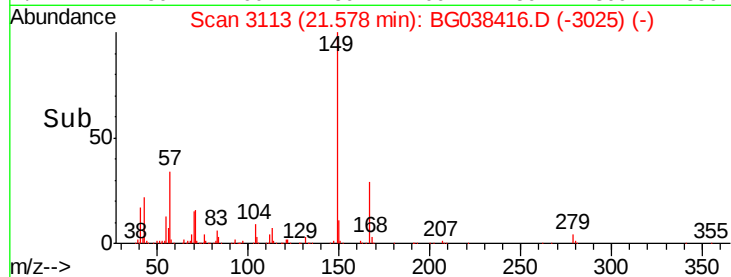
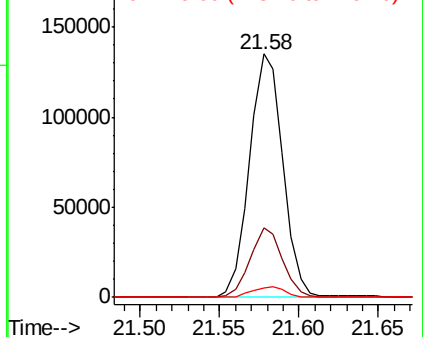
279 4.1 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 46.682 ng

RT: 22.81 min Scan# 3322

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

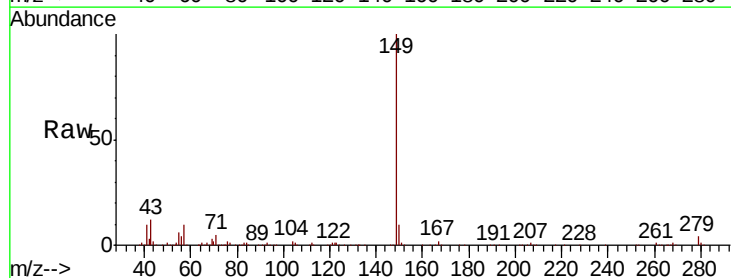
Tgt Ion:149 Resp: 329889

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

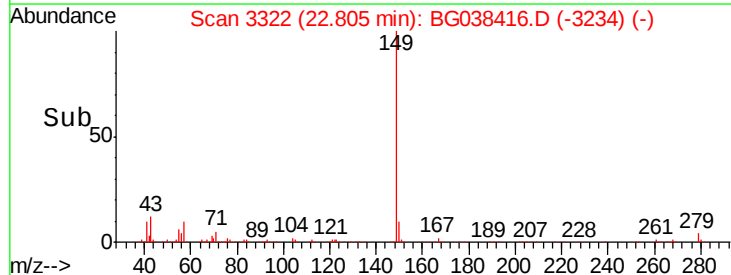
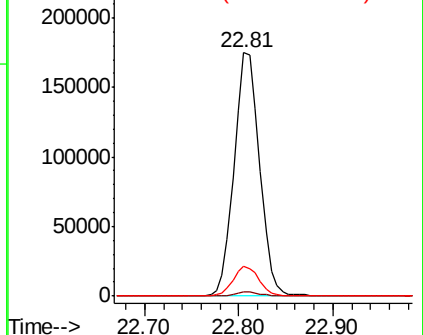
43 12.6 8.7 13.1

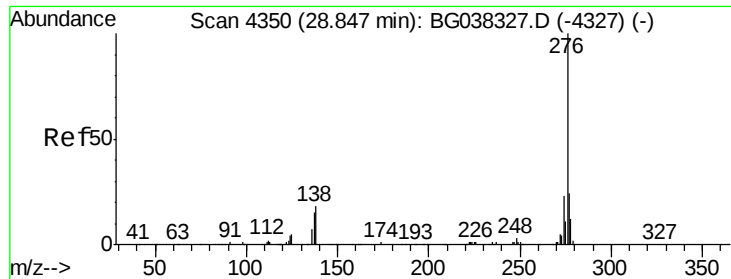


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 10.627 ng

RT: 28.87 min Scan# 4355

Delta R.T. 0.03 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

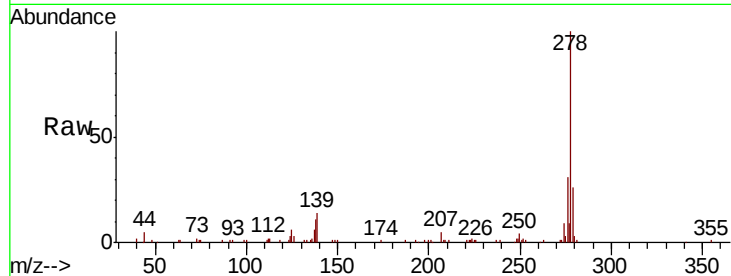
Tgt Ion:276 Resp: 72578

Ion Ratio Lower Upper

276 100

138 22.5 12.0 18.0#

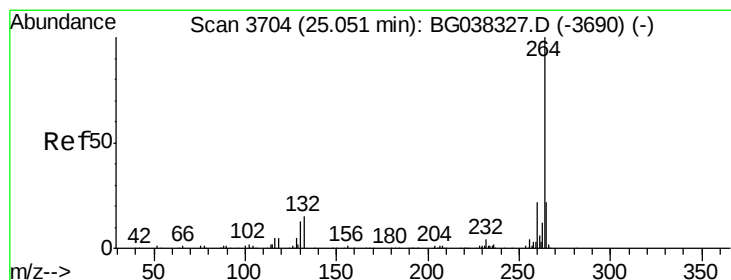
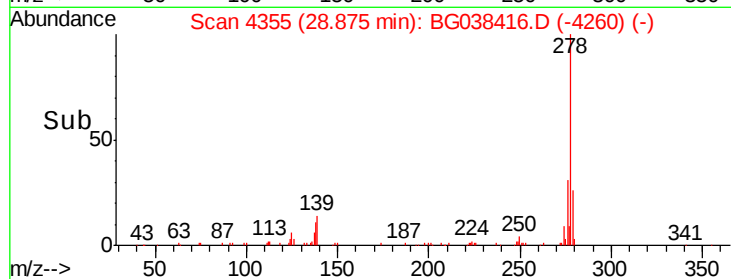
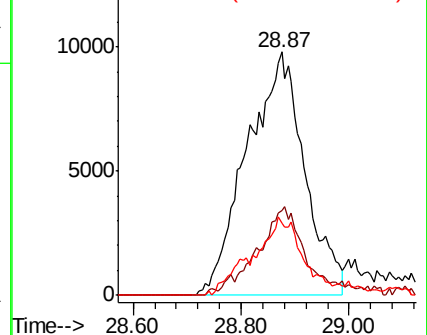
277 18.8 20.6 30.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3701

Delta R.T. -0.02 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

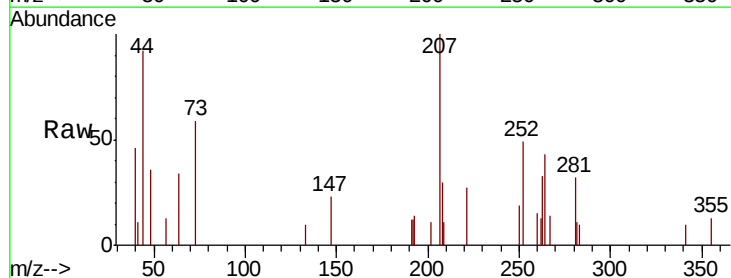
Tgt Ion:264 Resp: 1755

Ion Ratio Lower Upper

264 100

260 34.1 18.2 27.4#

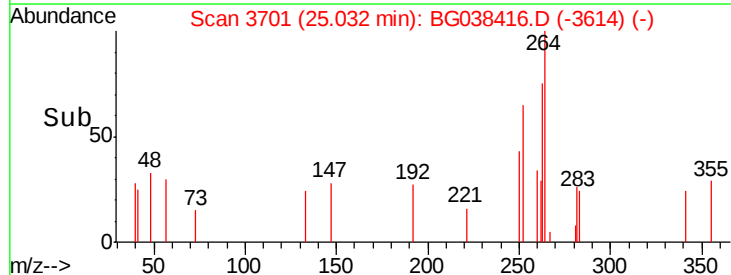
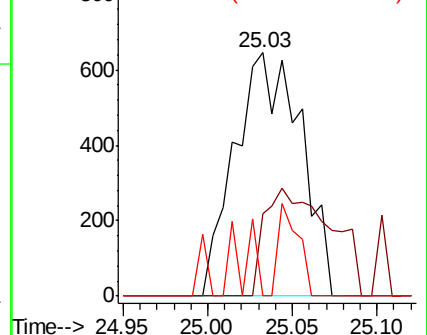
265 0.0 17.9 26.9#

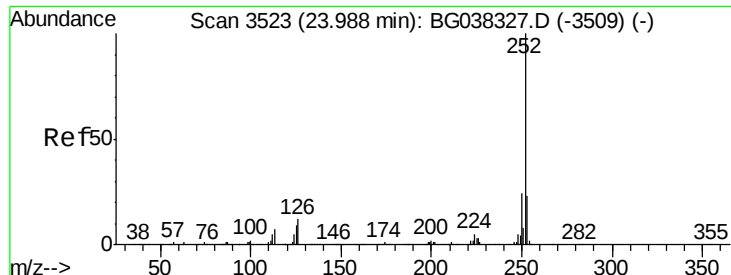


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 1384.745 ng

RT: 24.05 min Scan# 3533

Delta R.T. 0.06 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

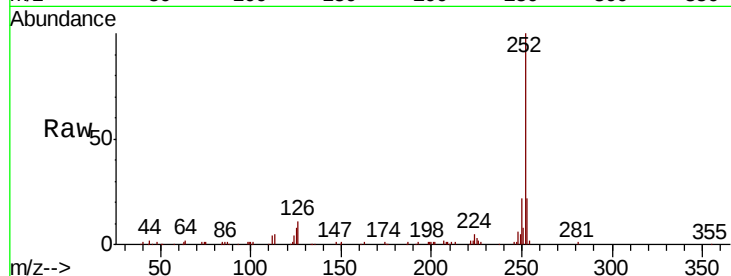
Tgt Ion:252 Resp: 137316

Ion Ratio Lower Upper

252 100

253 22.3 18.2 27.2

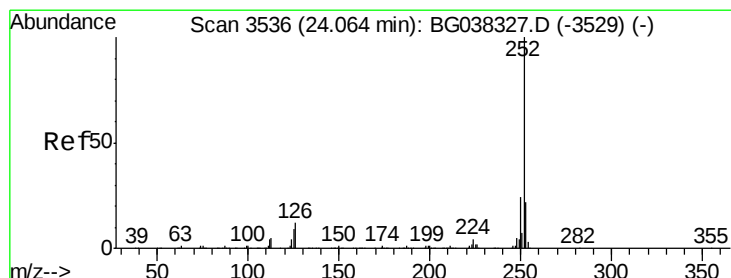
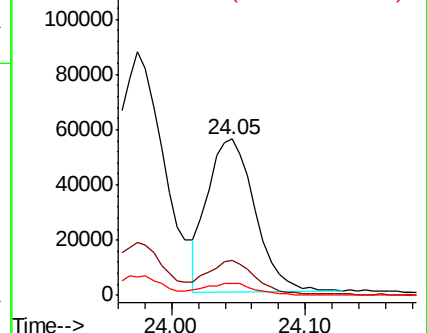
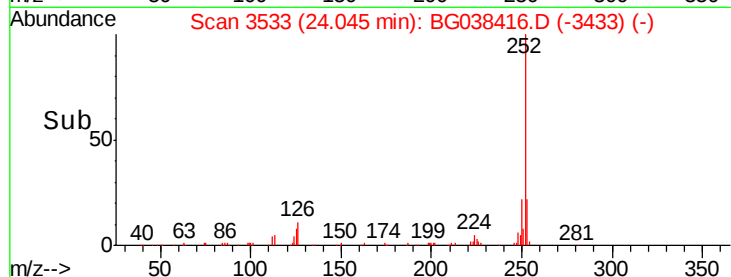
125 8.0 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(k)fluoranthene

Concen: 1390.327 ng

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

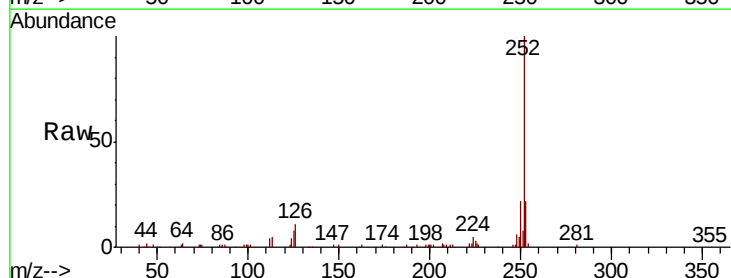
Tgt Ion:252 Resp: 137313

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

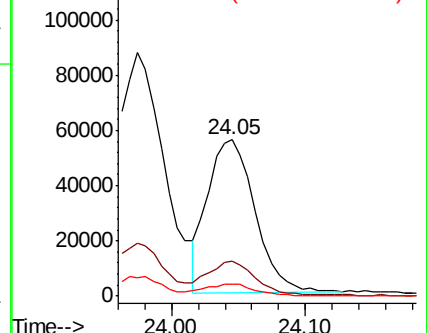
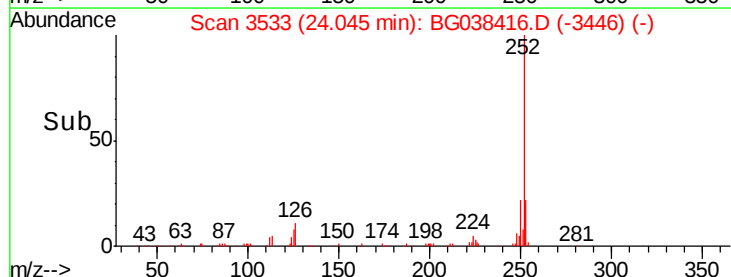
125 8.0 7.4 11.0

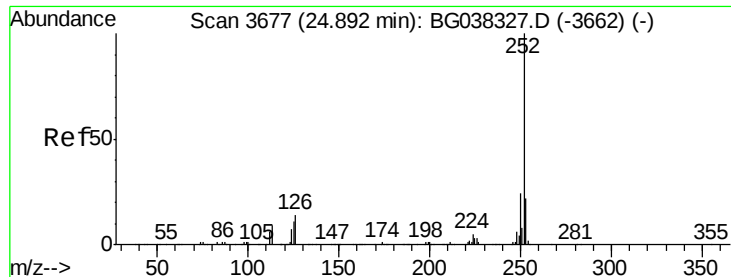


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 256.708 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

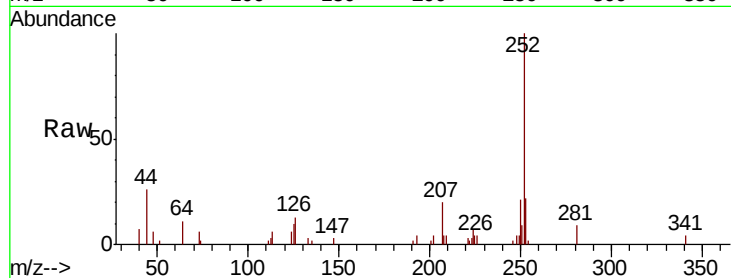
Tgt Ion:252 Resp: 24692

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

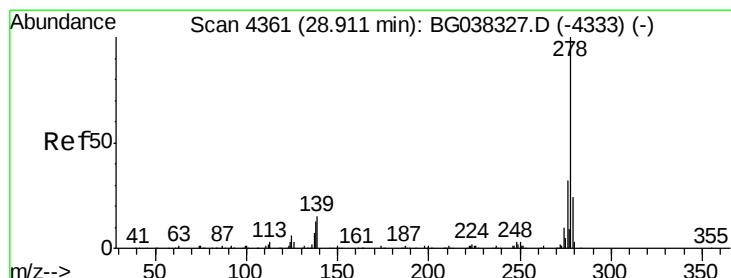
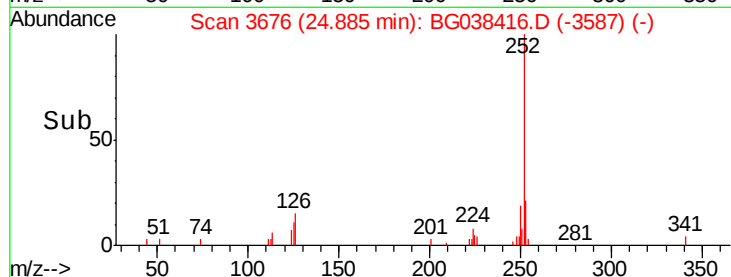
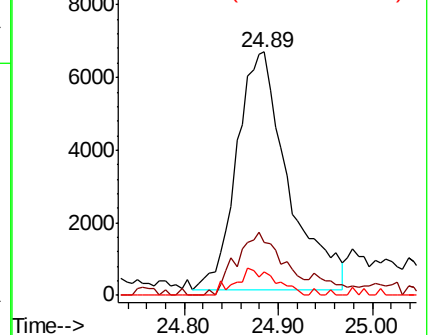
125 9.6 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 1904.970 ng

RT: 28.88 min Scan# 4356

Delta R.T. -0.03 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

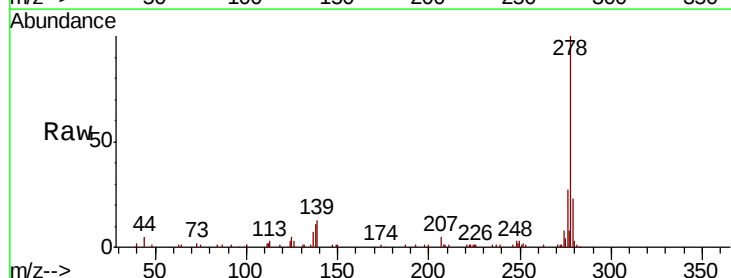
Tgt Ion:278 Resp: 173787

Ion Ratio Lower Upper

278 100

139 13.1 11.5 17.3

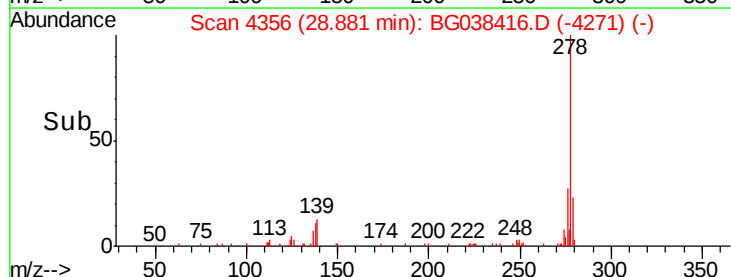
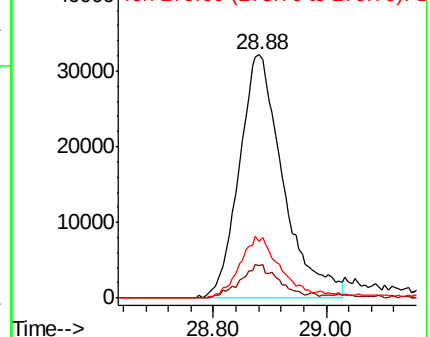
279 23.1 18.6 27.8

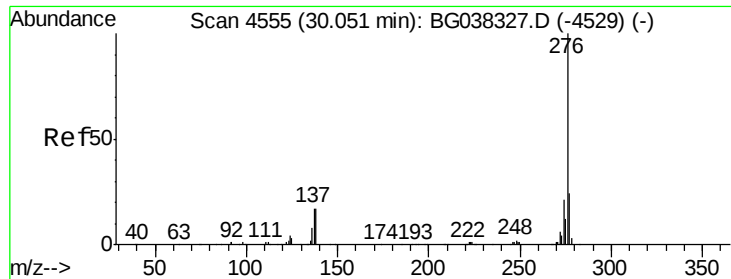


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 333.692 ng

RT: 30.00 min Scan# 4546

Delta R.T. -0.05 min

Lab File: BG038416.D

Acq: 7 Dec 2018 23:25

Instrument :

BNA_G

ClientSampleId :

PB115432BS

Tgt Ion: 276 Resp: 30203

Ion Ratio Lower Upper

276 100

277 20.8 18.9 28.3

138 15.4 17.2 25.8#

