

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
 Data File : BG035819.D
 Acq On : 21 Jul 2018 14:15
 Operator : JU/SJ
 Sample : PB111232BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Quant Time: Jul 23 01:03:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	34595	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	125123	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	92810	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	269747	20.00	ng	0.00
75) Chrysene-d12	21.66	240	312205	20.00	ng	0.00
86) Perylene-d12	24.86	264	299594	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	297665	142.85	ng	0.00
7) Phenol-d6	7.20	99	438474	141.04	ng	0.00
23) Nitrobenzene-d5	9.19	82	272560	91.00	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	205830	168.26	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	645316	93.15	ng	0.00
78) Terphenyl-d14	20.00	244	1347467	95.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	34901	32.908	ng	# 78
3) Pyridine	3.91	79	91337	32.989	ng	# 79
4) n-Nitrosodimethylamine	3.83	42	41767	35.133	ng	# 71
6) Aniline	7.36	93	71853	17.831	ng	98
8) 2-Chlorophenol	7.60	128	95388	45.010	ng	95
9) Benzaldehyde	7.17	77	53551	28.073	ng	95
10) Phenol	7.22	94	143056	45.546	ng	92
11) bis(2-Chloroethyl)ether	7.44	93	92575	37.635	ng	86
12) 1,3-Dichlorobenzene	8.06	146	106613	41.658	ng	97
13) 1,4-Dichlorobenzene	8.06	146	106613	41.000	ng	95
14) 1,2-Dichlorobenzene	8.38	146	102388	40.988	ng	99
15) Benzyl Alcohol	8.27	79	105801	37.476	ng	89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	108729	52.724	ng	79
17) 2-Methylphenol	8.47	107	92250	43.198	ng	# 91
18) Hexachloroethane	9.11	117	40027	40.259	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	84878	32.421	ng	# 87
20) 3+4-Methylphenols	8.80	107	126395	42.664	ng	95
22) Acetophenone	8.85	105	161919	41.614	ng	# 90
24) Nitrobenzene	9.23	77	129064	42.847	ng	# 96
25) Isophorone	9.75	82	244509	43.976	ng	99
26) 2-Nitrophenol	9.94	139	52825	49.378	ng	# 92
27) 2,4-Dimethylphenol	10.00	122	96212	53.130	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	131203	42.824	ng	96
29) 2,4-Dichlorophenol	10.48	162	106841	51.686	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	116438	45.936	ng	98
31) Naphthalene	10.88	128	286338	43.932	ng	99
32) Benzoic acid	10.16	122	35137	28.823	ng	90
33) 4-Chloroaniline	11.00	127	29281	10.308	ng	# 94
34) Hexachlorobutadiene	11.16	225	88840	44.947	ng	95
35) Caprolactam	11.76	113	22266	25.100	ng	# 64
36) 4-Chloro-3-methylphenol	12.11	107	138118	49.848	ng	91
37) 2-Methylnaphthalene	12.48	142	226479	46.641	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	154497	44.105	ng	98
40) Hexachlorocyclopentadiene	12.82	237	193182	105.155	ng	92

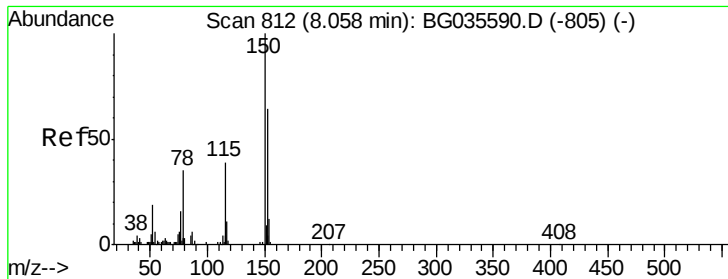
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072018\
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 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	100682	49.148	ng	96
43) 2,4,5-Trichlorophenol	13.17	196	108237	47.230	ng	98
45) 1,1'-Biphenyl	13.48	154	314661	43.730	ng	97
46) 2-Chloronaphthalene	13.53	162	248868	44.465	ng	99
47) 2-Nitroaniline	13.74	65	89040	44.999	ng	87
48) Acenaphthylene	14.38	152	418385	44.625	ng	98
49) Dimethylphthalate	14.11	163	361180	44.417	ng	100
50) 2,6-Dinitrotoluene	14.23	165	84987	51.324	ng	# 88
51) Acenaphthene	14.72	154	247210	42.328	ng	96
52) 3-Nitroaniline	14.56	138	31682	18.720	ng	# 94
53) 2,4-Dinitrophenol	14.76	184	68810	80.742	ng	# 63
54) Dibenzofuran	15.05	168	410208	44.163	ng	95
55) 4-Nitrophenol	14.88	139	124012	102.890	ng	90
56) 2,4-Dinitrotoluene	15.02	165	124895	52.574	ng	84
57) Fluorene	15.70	166	351396	45.138	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	108546	49.400	ng	# 96
59) Diethylphthalate	15.46	149	361640	43.252	ng	99
60) 4-Chlorophenyl-phenylether	15.69	204	202318	44.216	ng	96
61) 4-Nitroaniline	15.72	138	81497	46.034	ng	# 81
62) Azobenzene	15.98	77	370336	44.903	ng	94
64) 4,6-Dinitro-2-methylphenol	15.78	198	62106	41.360	ng	82
65) n-Nitrosodiphenylamine	15.90	169	320934	41.799	ng	99
66) 4-Bromophenyl-phenylether	16.58	248	136953	43.762	ng	95
67) Hexachlorobenzene	16.70	284	148414	46.051	ng	96
68) Atrazine	16.85	200	154441	48.854	ng	99
69) Pentachlorophenol	17.05	266	130977	66.723	ng	94
70) Phenanthrene	17.44	178	614268	45.637	ng	97
71) Anthracene	17.53	178	622365	46.437	ng	98
72) Carbazole	17.80	167	581741	45.706	ng	98
73) Di-n-butylphthalate	18.35	149	682799	45.396	ng	# 98
74) Fluoranthene	19.45	202	850125	46.890	ng	98
76) Benzidine	19.63	184	162165	19.757	ng	99
77) Pyrene	19.80	202	848432	42.978	ng	98
79) Butylbenzylphthalate	20.69	149	323036	45.759	ng	91
80) Benzo(a)anthracene	21.64	228	870212	44.728	ng	99
81) 3,3'-Dichlorobenzidine	21.55	252	171079	25.219	ng	# 98
82) Chrysene	21.71	228	813078	45.098	ng	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	441742	46.027	ng	99
84) Di-n-octyl phthalate	22.74	149	759134	47.240	ng	# 92
85) Indeno(1,2,3-cd)pyrene	28.50	276	926861	46.434	ng	# 89
87) Benzo(b)fluoranthene	23.85	252	824047	45.254	ng	# 97
88) Benzo(k)fluoranthene	23.91	252	824816	46.333	ng	# 97
89) Benzo(a)pyrene	24.71	252	802228	47.356	ng	# 96
90) Dibenzo(a,h)anthracene	28.57	278	773697	46.521	ng	# 96
91) Benzo(g,h,i)perylene	29.64	276	765246	47.021	ng	# 93

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

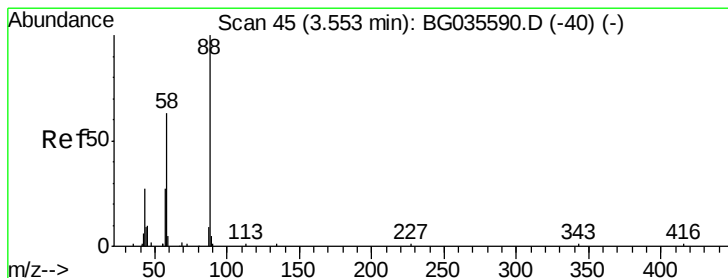
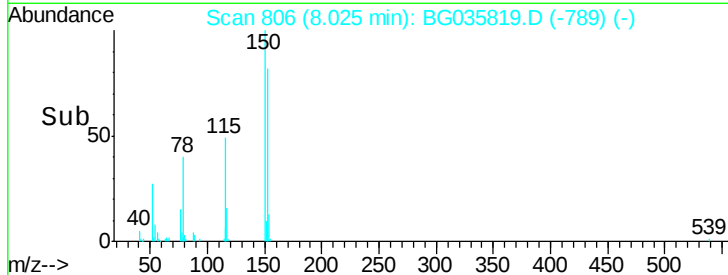
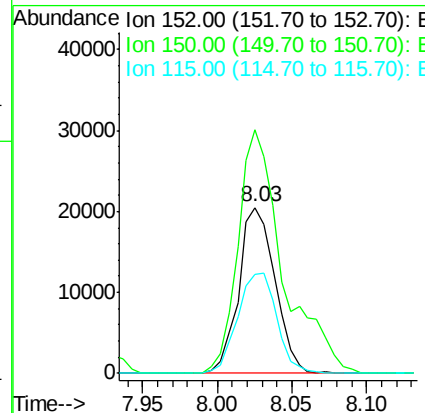
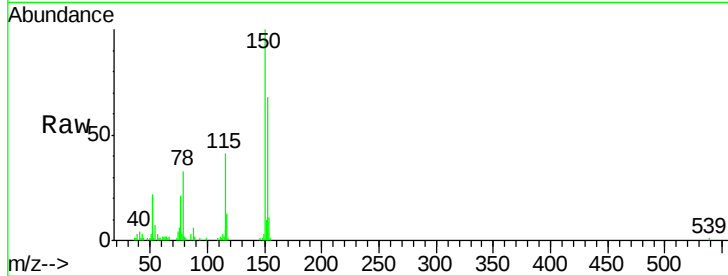


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

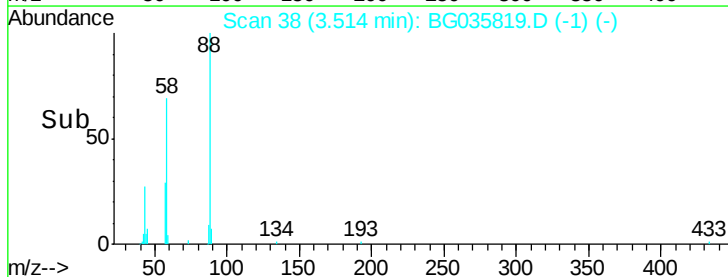
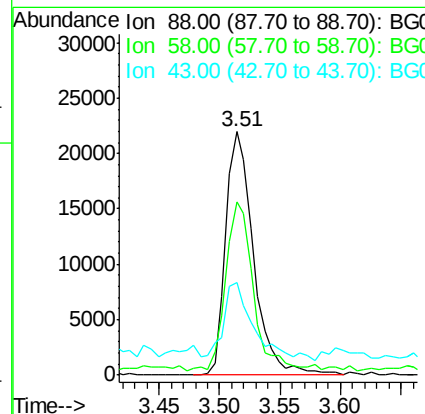
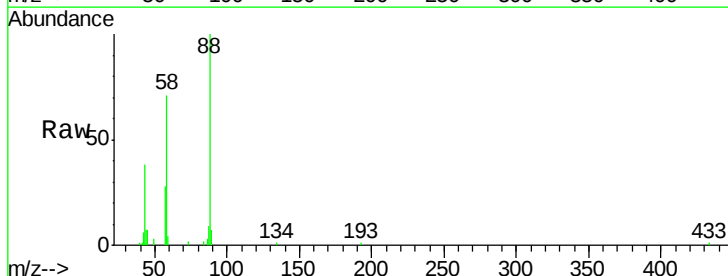
Tgt Ion:152 Resp: 34595
 Ion Ratio Lower Upper
 152 100
 150 147.0 126.6 189.8
 115 59.9 53.0 79.4

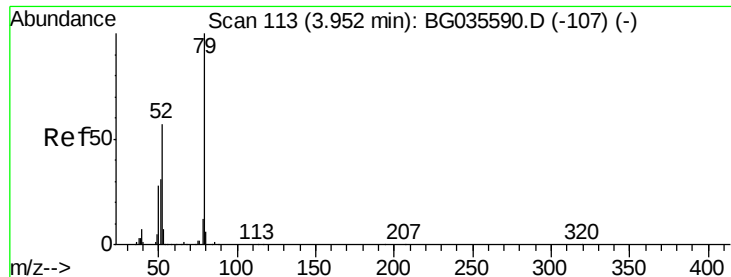


#2

1,4-Dioxane
 Concen: 32.908 ng
 RT: 3.51 min Scan# 38
 Delta R.T. -0.02 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion: 88 Resp: 34901
 Ion Ratio Lower Upper
 88 100
 58 70.6 79.6 119.4#
 43 34.4 27.4 41.0





#3

Pyridine

Concen: 32.989 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

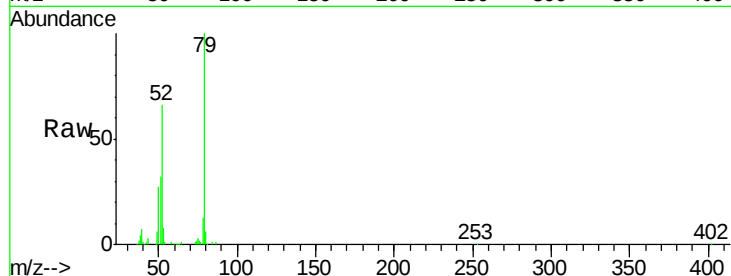
Tgt Ion: 79 Resp: 91337

Ion Ratio Lower Upper

79 100

52 65.9 69.9 104.9#

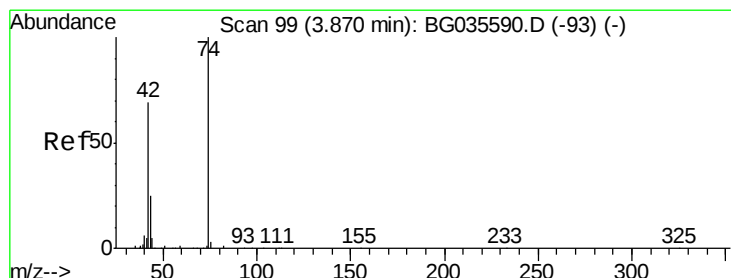
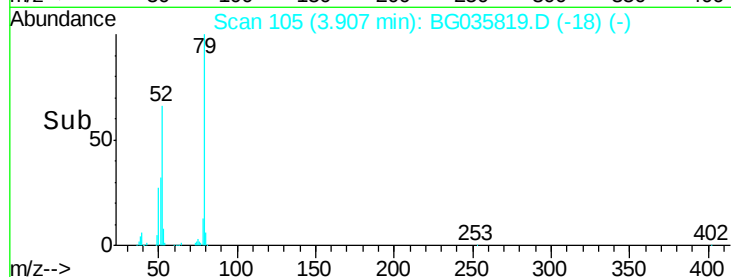
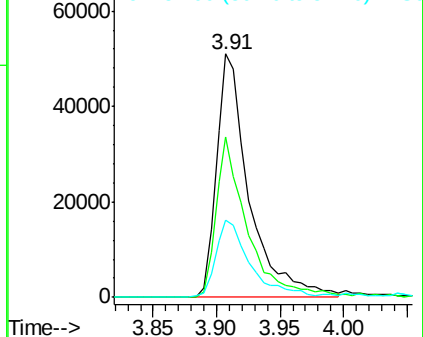
51 31.9 34.0 51.0#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.133 ng

RT: 3.83 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

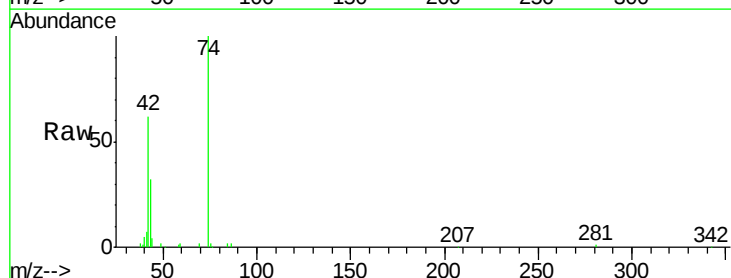
Tgt Ion: 42 Resp: 41767

Ion Ratio Lower Upper

42 100

74 160.9 102.5 153.7#

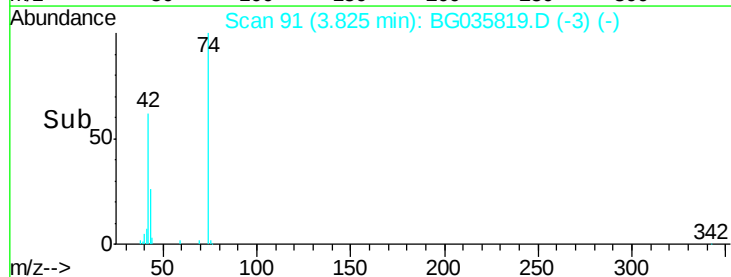
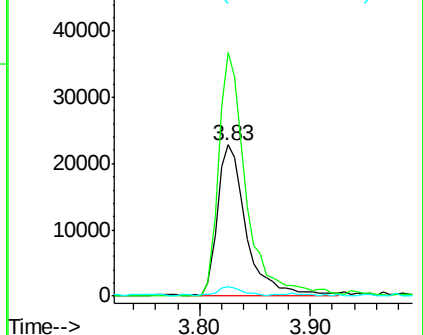
44 6.1 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 142.851 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

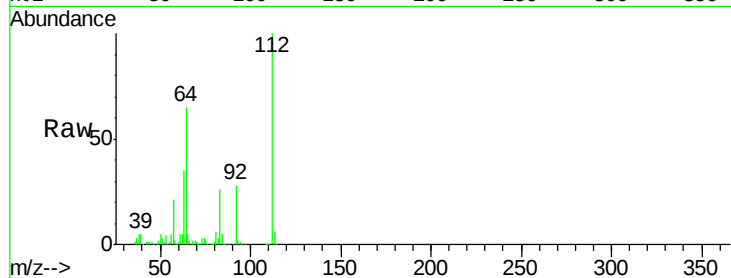
Instrument :

BNA_G

ClientSampleId :

PB111232BS

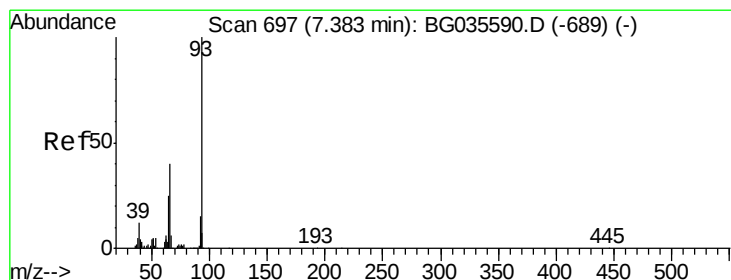
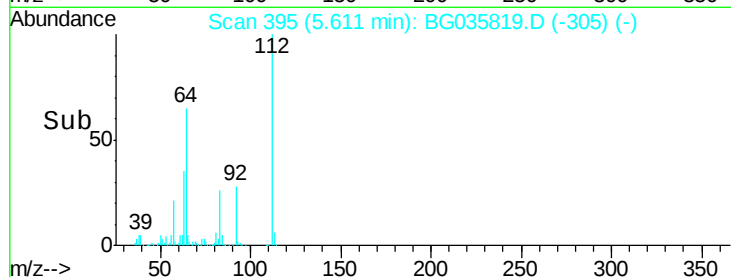
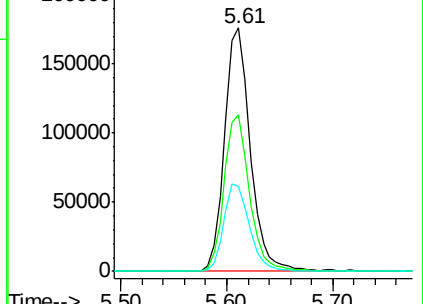
Tgt Ion:	112	Resp:	297665
Ion	Ratio	Lower	Upper
112	100		
64	64.5	56.3	84.5
63	35.1	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.831 ng

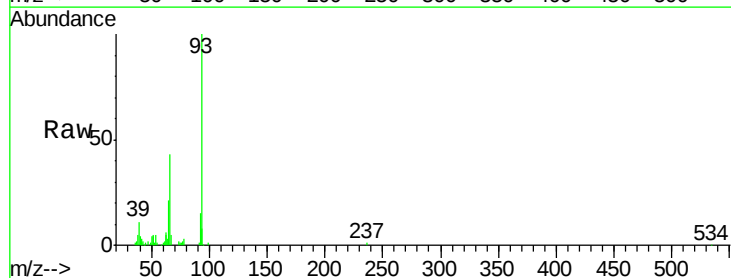
RT: 7.36 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

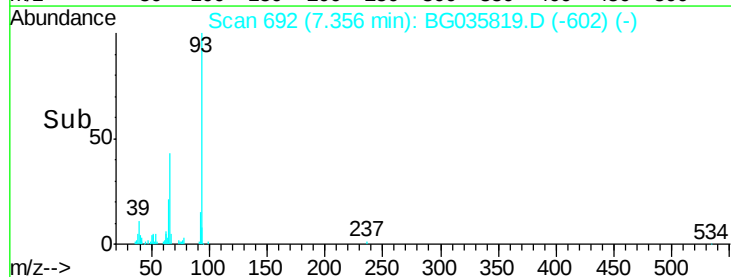
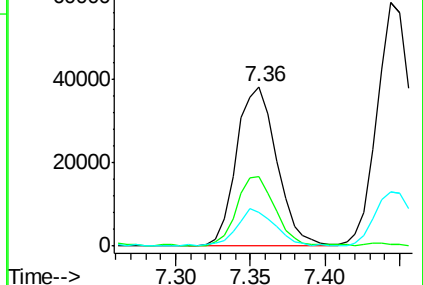
Tgt Ion:	93	Resp:	71853
Ion	Ratio	Lower	Upper
93	100		
66	43.4	33.7	50.5
65	21.1	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.038 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

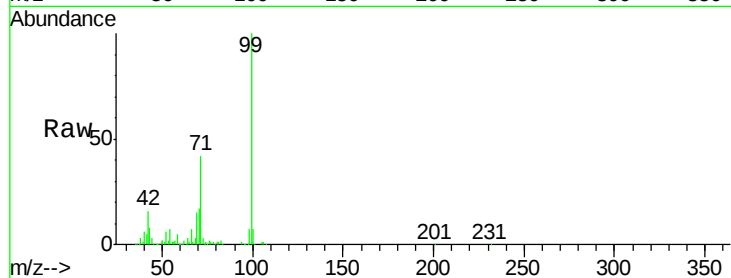
Tgt Ion: 99 Resp: 438474

Ion Ratio Lower Upper

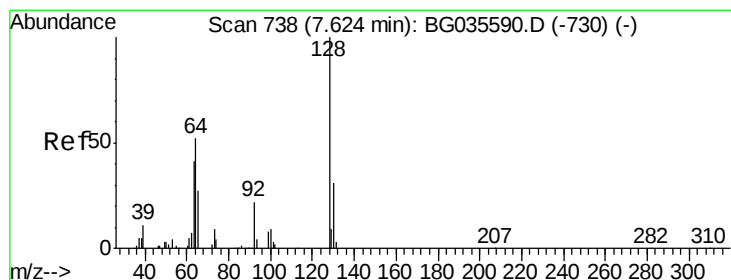
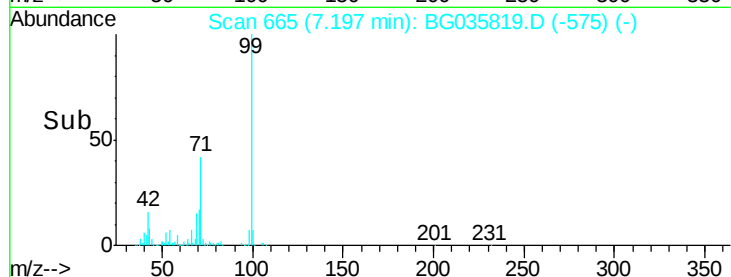
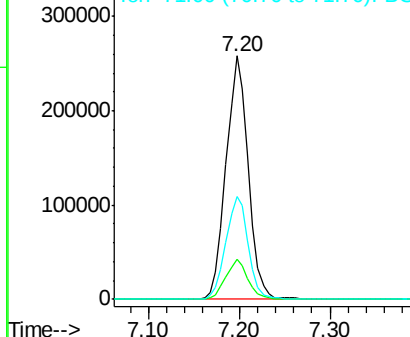
99 100

42 16.3 14.1 21.1

71 42.3 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 45.010 ng

RT: 7.60 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

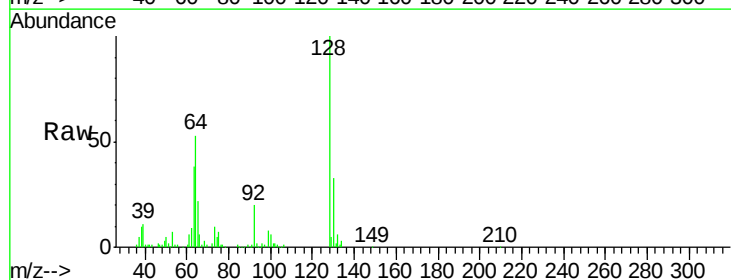
Tgt Ion: 128 Resp: 95388

Ion Ratio Lower Upper

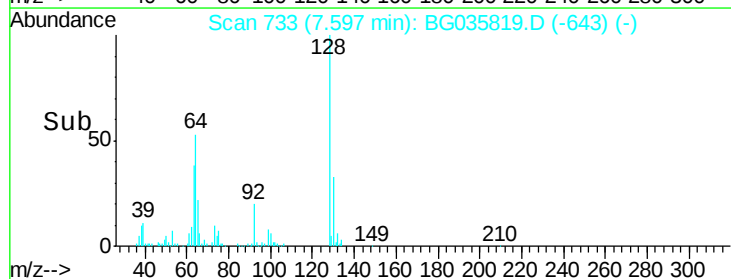
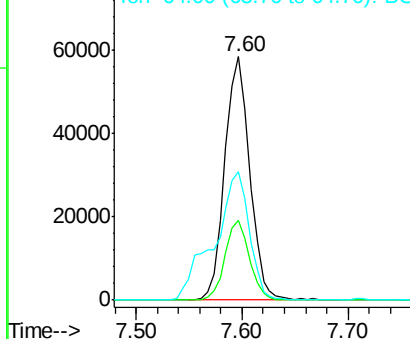
128 100

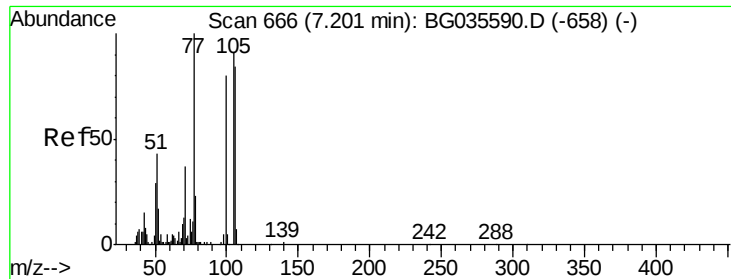
130 32.7 14.0 54.0

64 52.7 37.7 77.7



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





#9

Benzaldehyde

Concen: 28.073 ng

RT: 7.17 min Scan# 660

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

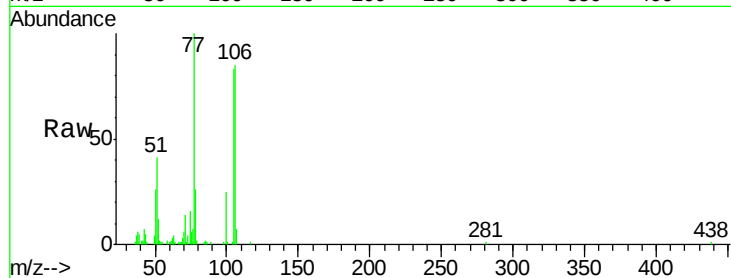
Tgt Ion: 77 Resp: 53551

Ion Ratio Lower Upper

77 100

105 83.3 71.3 111.3

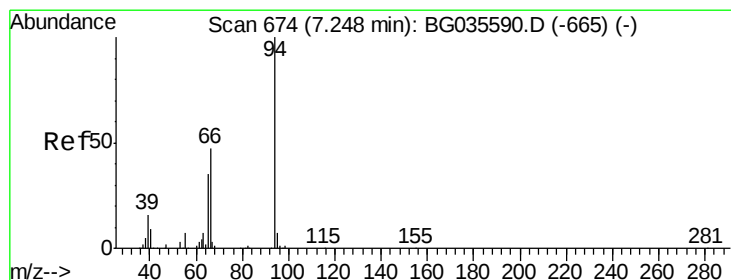
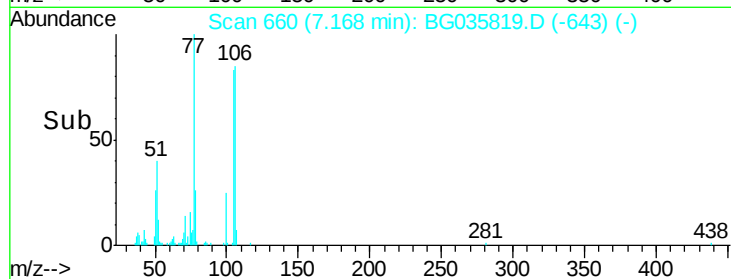
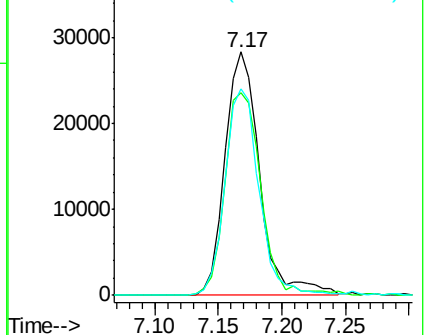
106 85.0 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.546 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

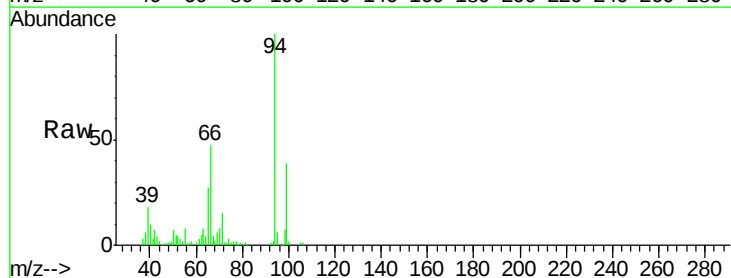
Tgt Ion: 94 Resp: 143056

Ion Ratio Lower Upper

94 100

65 27.2 11.9 51.9

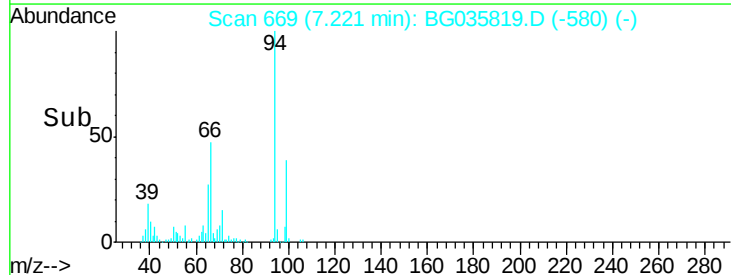
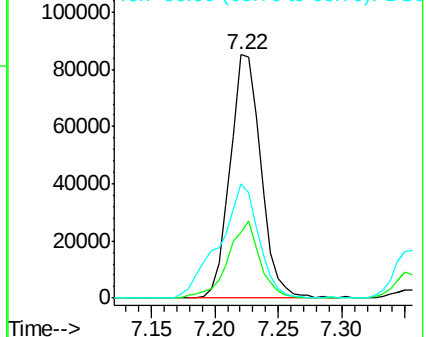
66 46.8 22.2 62.2

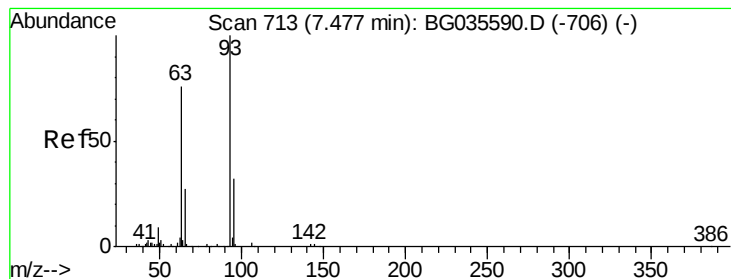


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.635 ng

RT: 7.44 min Scan# 707

Delta R.T. -0.01 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

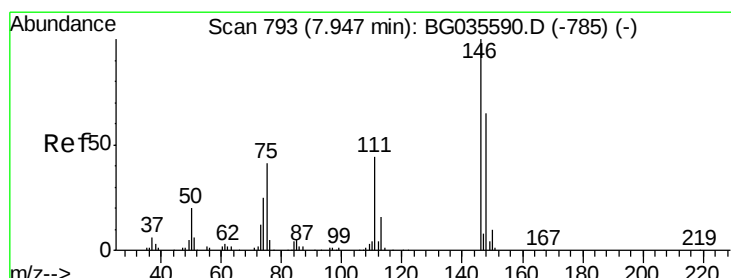
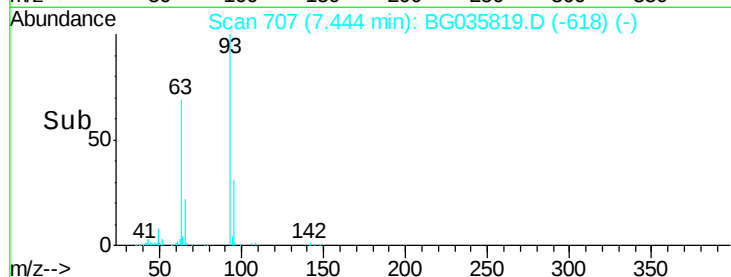
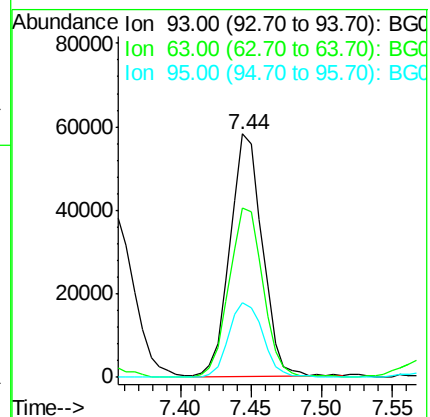
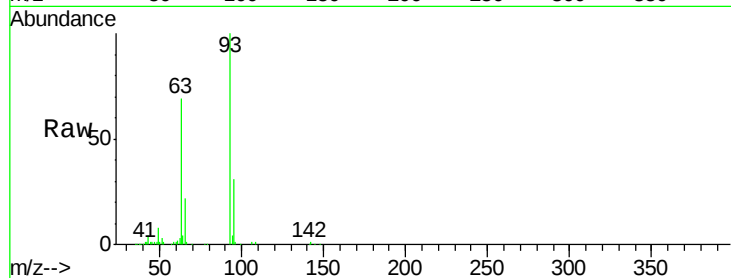
Tgt Ion: 93 Resp: 92575

Ion Ratio Lower Upper

93 100

63 69.5 67.1 107.1

95 30.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 41.658 ng

RT: 8.06 min Scan# 812

Delta R.T. 0.14 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

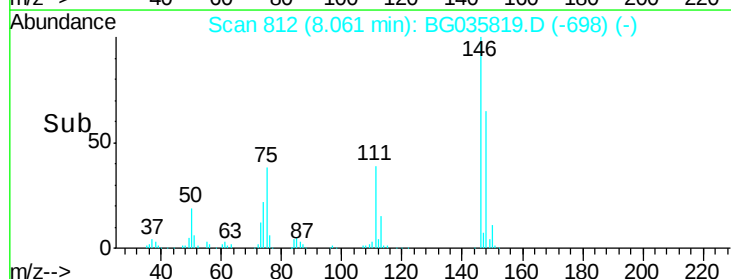
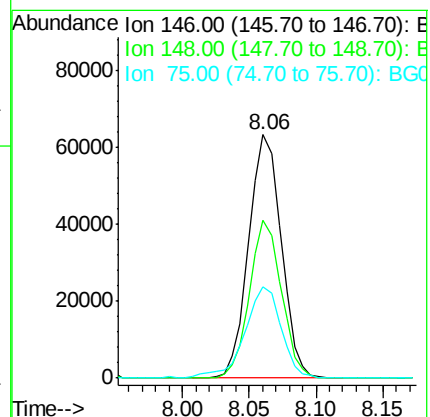
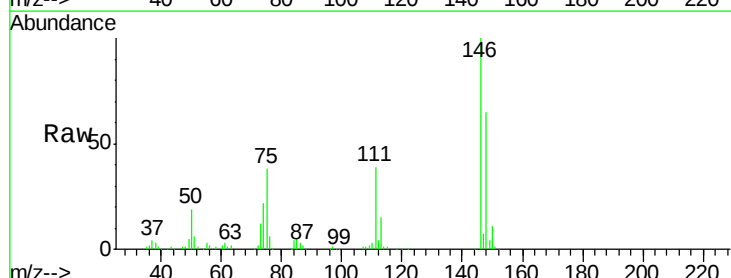
Tgt Ion: 146 Resp: 106613

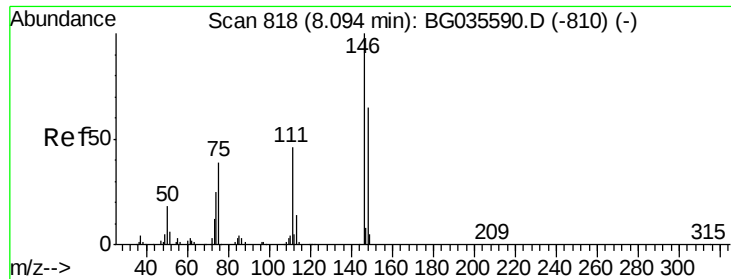
Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

75 37.6 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 41.000 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

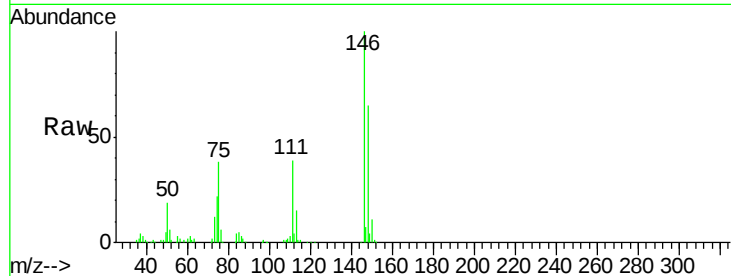
Tgt Ion:146 Resp: 106613

Ion Ratio Lower Upper

146 100

148 64.8 53.7 80.5

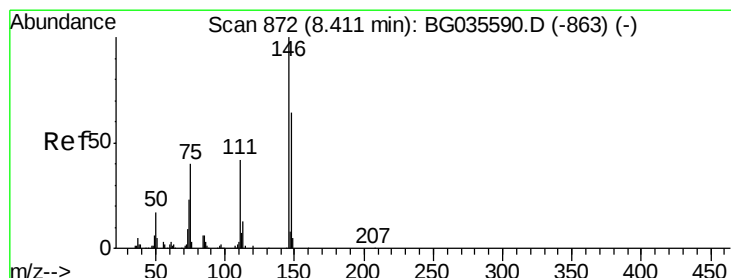
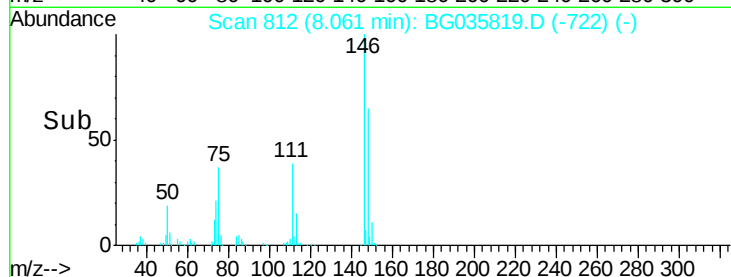
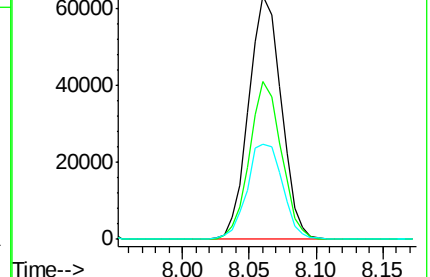
111 38.9 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.988 ng

RT: 8.38 min Scan# 867

Delta R.T. 0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

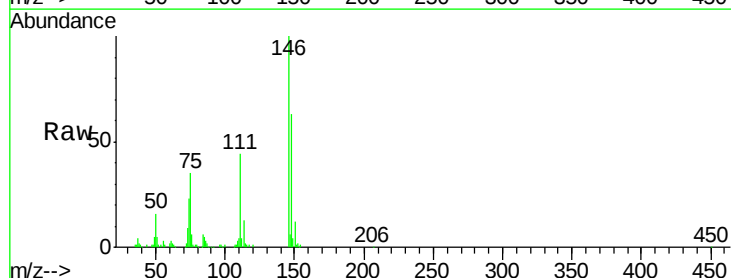
Tgt Ion:146 Resp: 102388

Ion Ratio Lower Upper

146 100

148 62.6 49.3 73.9

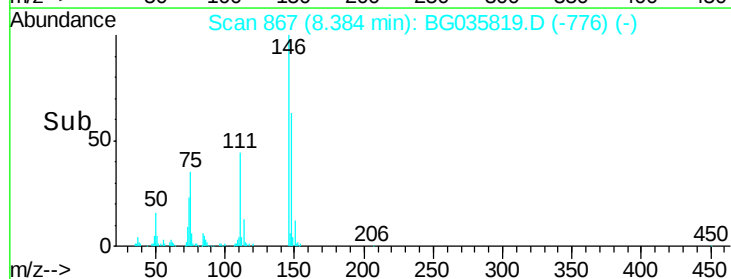
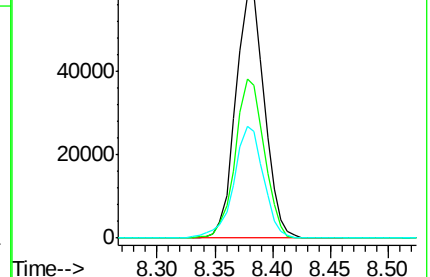
111 43.9 34.3 51.5

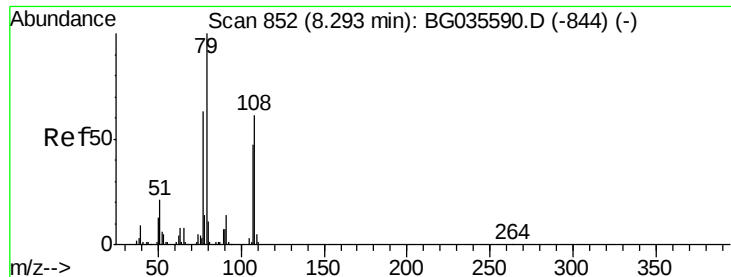


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.476 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

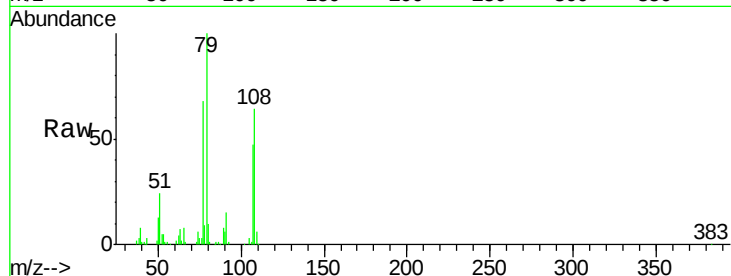
Tgt Ion: 79 Resp: 105801

Ion Ratio Lower Upper

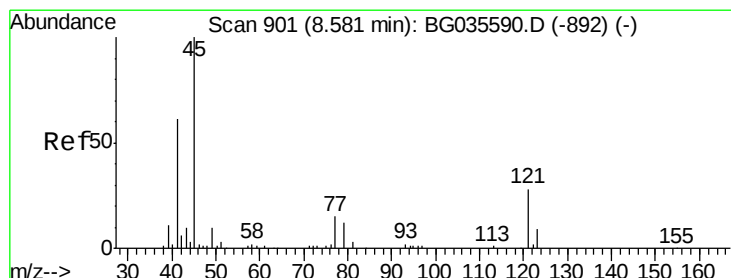
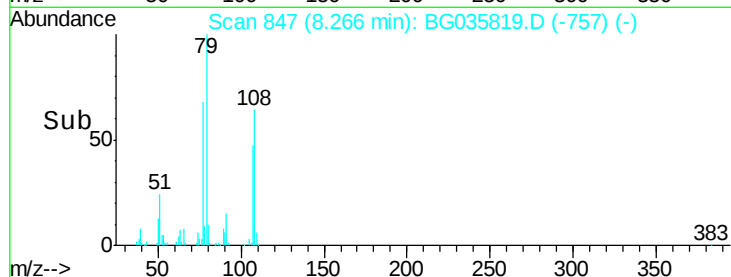
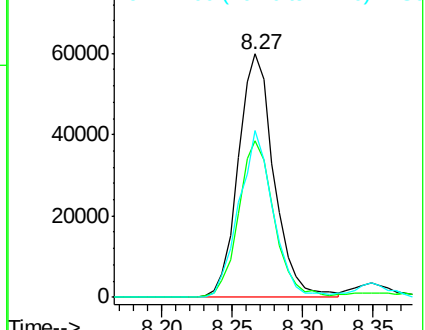
79 100

108 64.2 57.2 85.8

77 68.3 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 52.724 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

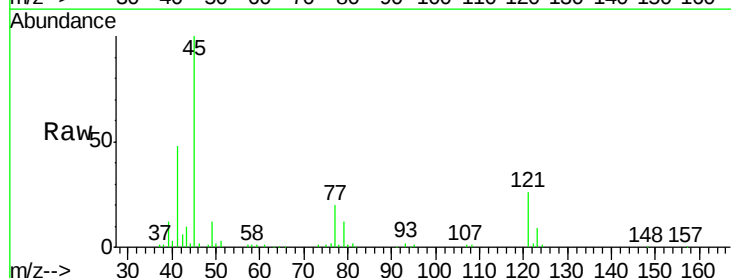
Tgt Ion: 45 Resp: 108729

Ion Ratio Lower Upper

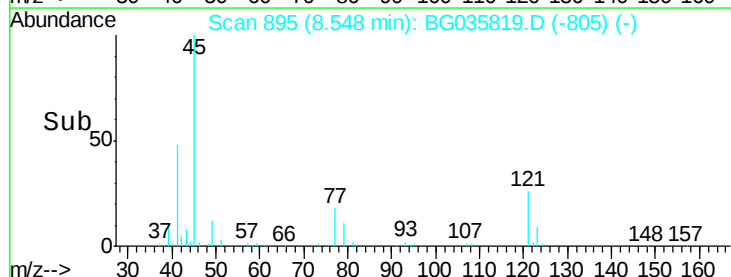
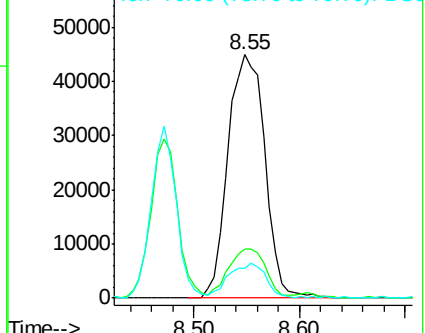
45 100

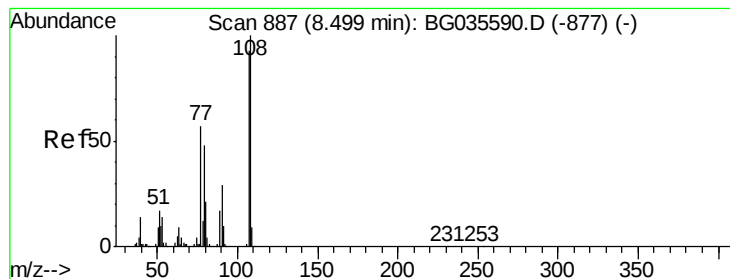
77 20.4 0.0 30.2

79 12.3 0.0 27.9



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: 43.198 ng

RT: 8.47 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

Tgt Ion:107 Resp: 92250

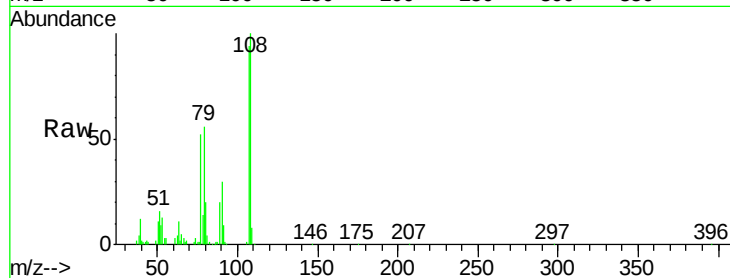
Ion Ratio Lower Upper

107 100

108 106.6 83.9 125.9

77 55.2 37.2 55.8

79 59.3 36.2 54.2#



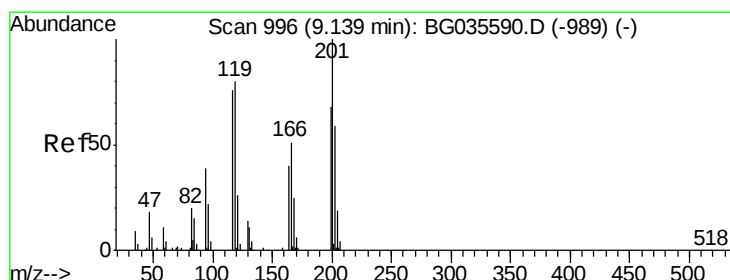
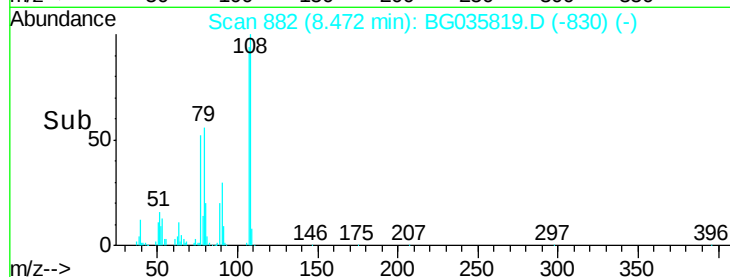
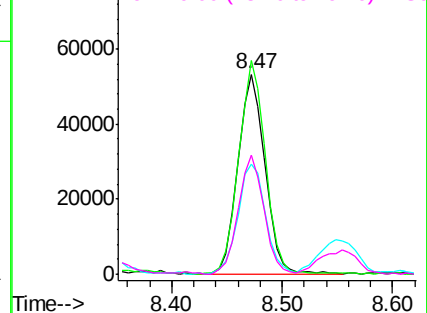
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 40.259 ng

RT: 9.11 min Scan# 990

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

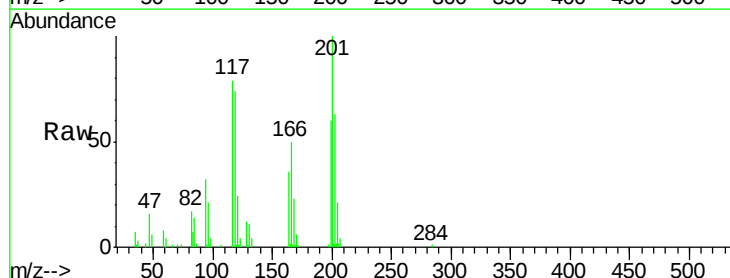
Tgt Ion:117 Resp: 40027

Ion Ratio Lower Upper

117 100

119 93.5 76.7 115.1

201 127.1 95.7 143.5

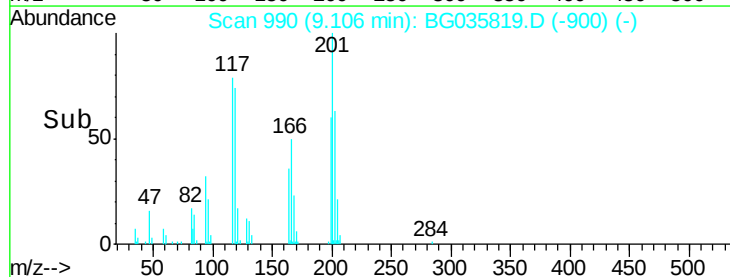
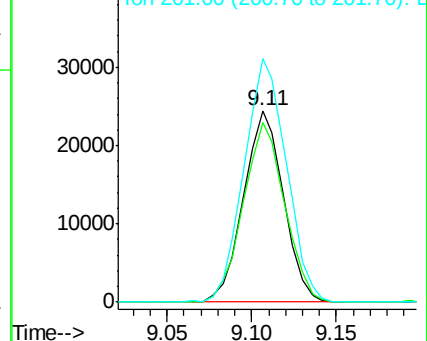


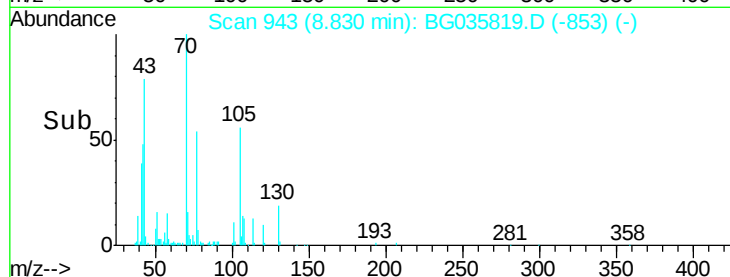
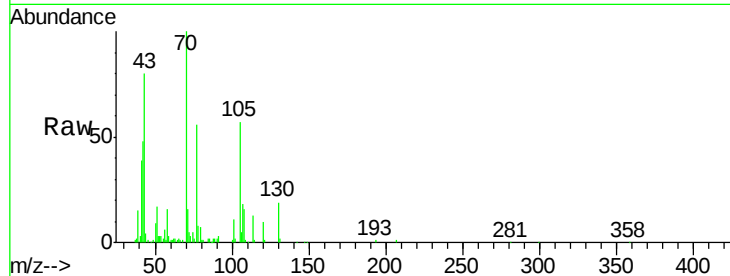
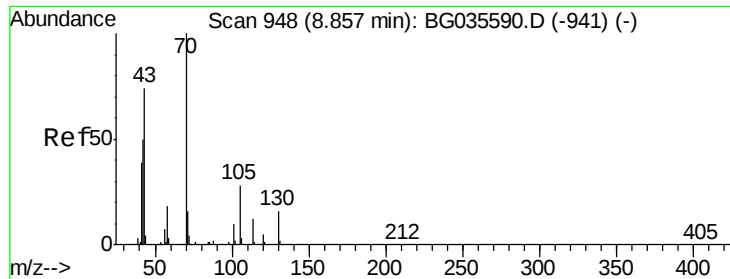
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

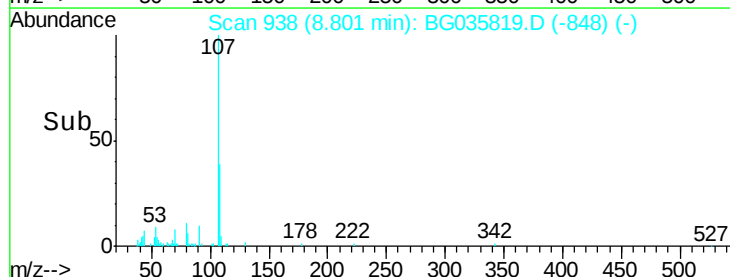
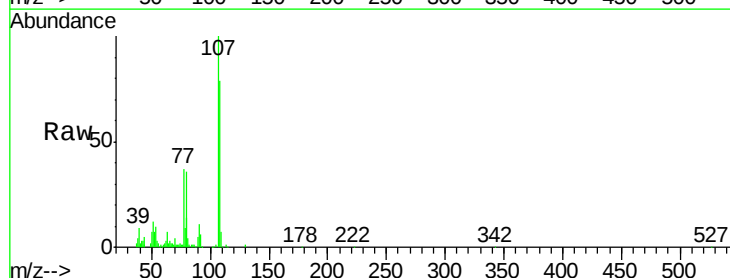
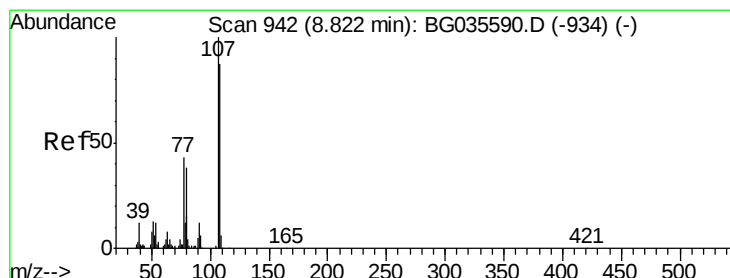
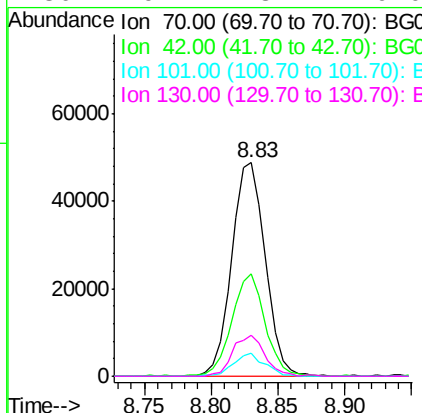




#19
n-Nitroso-di-n-propylamine
Concen: 32.421 ng
RT: 8.83 min Scan# 943
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

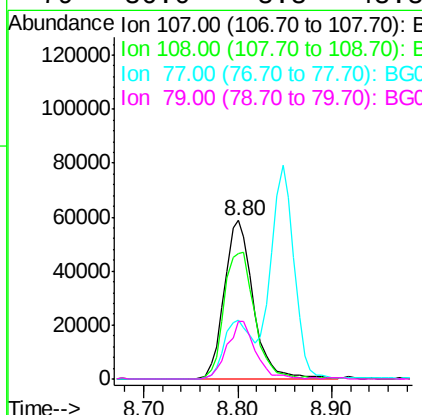
Instrument :
BNA_G
ClientSampleId :
PB111232BS

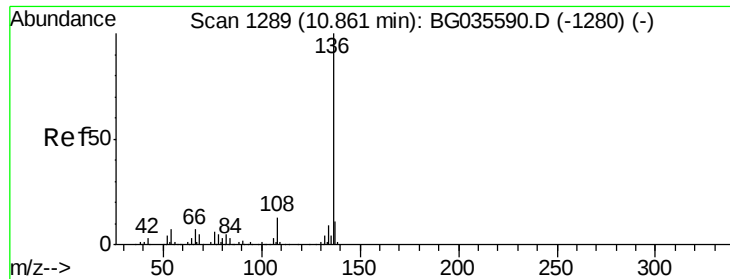
Tgt Ion: 70 Resp: 84878
Ion Ratio Lower Upper
70 100
42 48.0 49.1 73.7#
101 10.7 8.5 12.7
130 19.4 13.4 20.0



#20
3+4-Methylphenols
Concen: 42.664 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion: 107 Resp: 126395
Ion Ratio Lower Upper
107 100
108 79.3 61.6 101.6
77 37.0 13.9 53.9
79 36.0 8.8 48.8

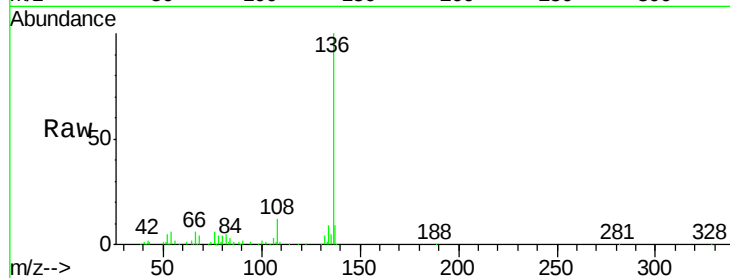




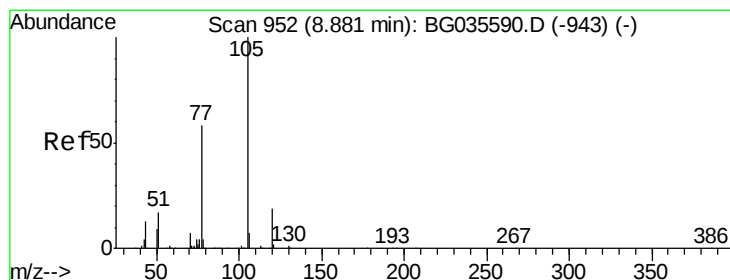
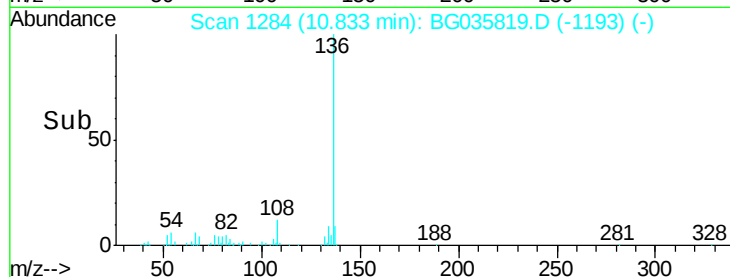
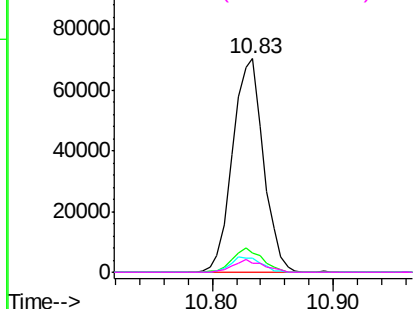
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tgt Ion:	136	Resp:	125123
Ion	Ratio	Lower	Upper
136	100		
137	9.1	9.2	13.8#
54	6.5	10.3	15.5#
68	4.2	4.5	6.7#

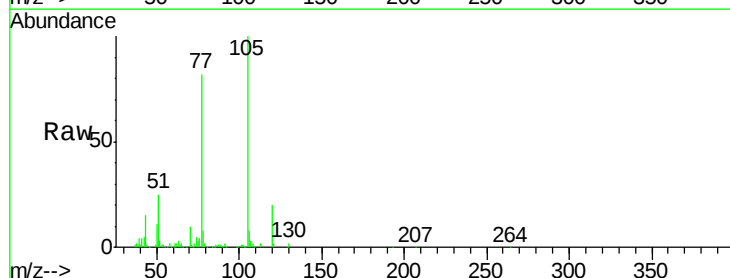


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

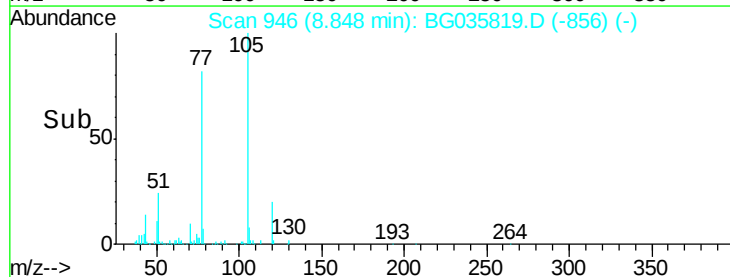
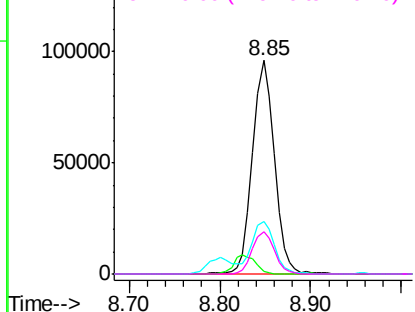


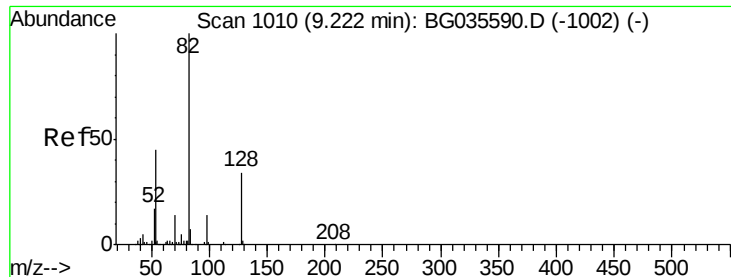
#22
Acetophenone
Concen: 41.614 ng
RT: 8.85 min Scan# 946
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion:	105	Resp:	161919
Ion	Ratio	Lower	Upper
105	100		
71	1.5	3.0	4.4#
51	24.6	26.1	39.1#
120	20.1	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

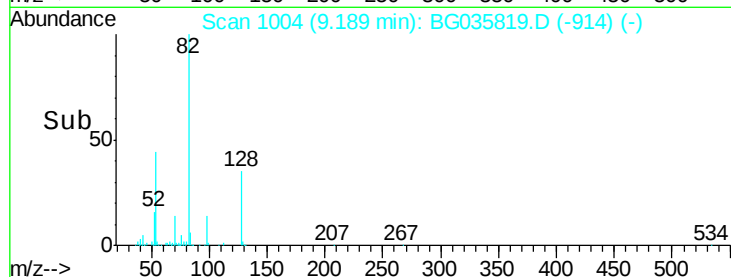
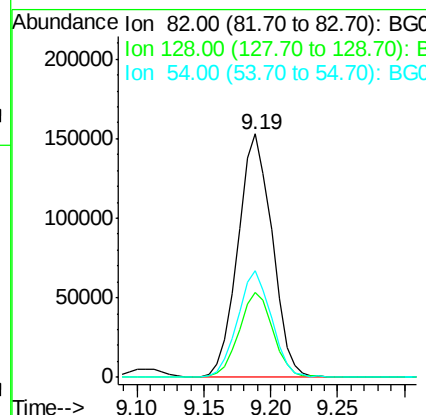
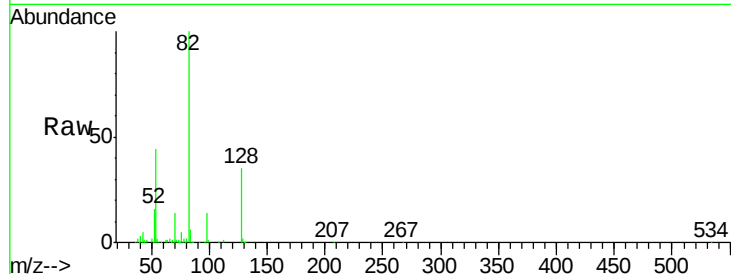




#23
 Nitrobenzene-d5
 Concen: 90.999 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

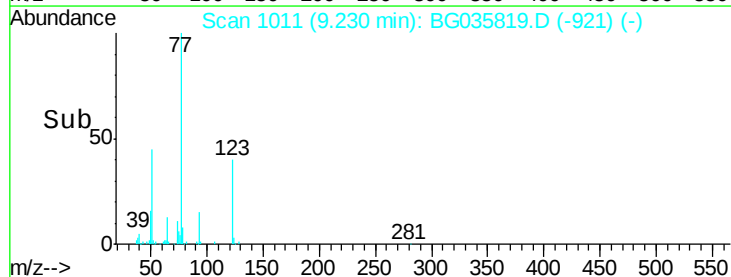
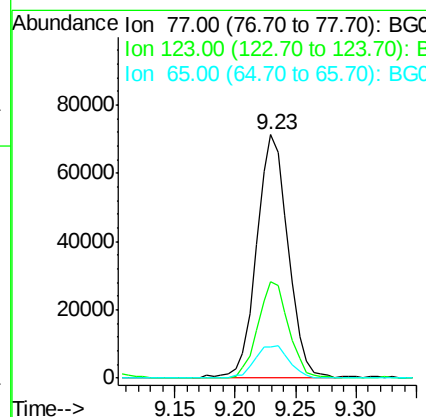
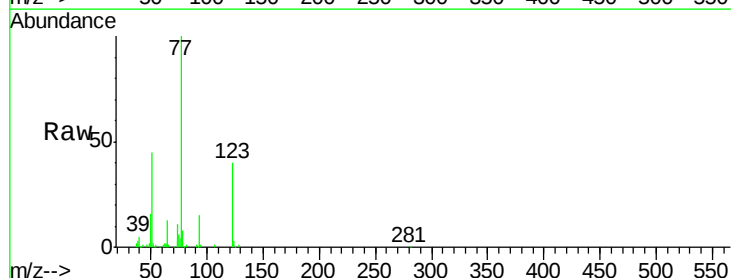
Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

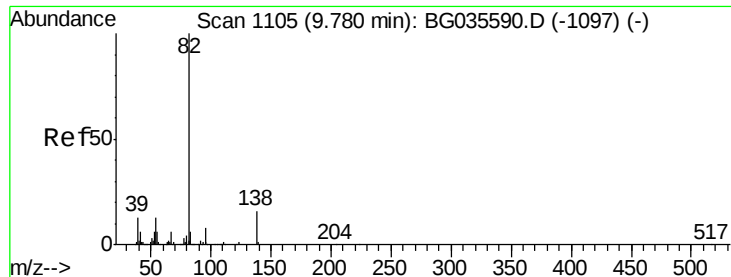
Tgt Ion: 82 Resp: 272560
 Ion Ratio Lower Upper
 82 100
 128 34.9 29.7 44.5
 54 43.7 43.1 64.7



#24
 Nitrobenzene
 Concen: 42.847 ng
 RT: 9.23 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion: 77 Resp: 129064
 Ion Ratio Lower Upper
 77 100
 123 39.7 33.0 49.6
 65 12.9 13.0 19.6#





#25

Isophorone

Concen: 43.976 ng

RT: 9.75 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

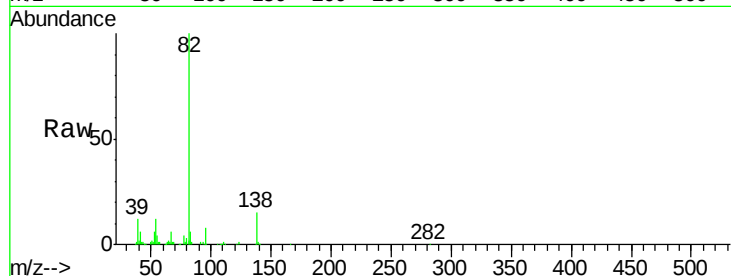
Tgt Ion: 82 Resp: 244509

Ion Ratio Lower Upper

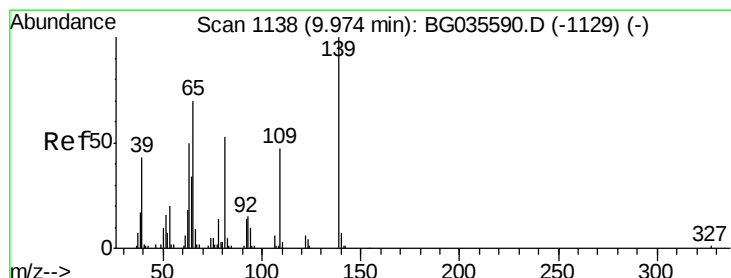
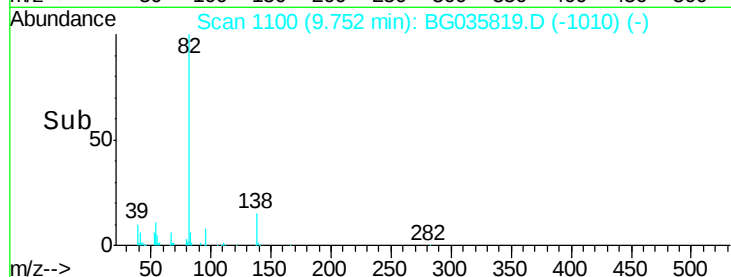
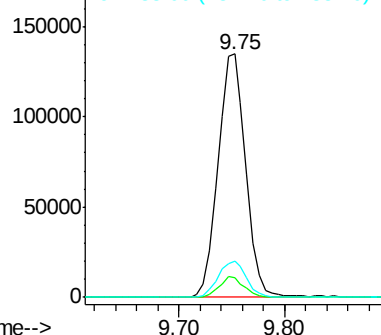
82 100

95 8.2 6.2 9.2

138 15.0 12.1 18.1



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



#26

2-Nitrophenol

Concen: 49.378 ng

RT: 9.94 min Scan# 1132

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

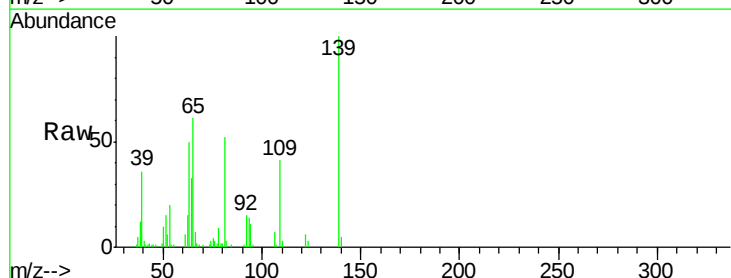
Tgt Ion: 139 Resp: 52825

Ion Ratio Lower Upper

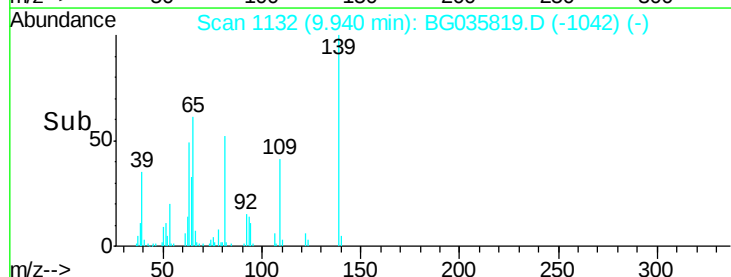
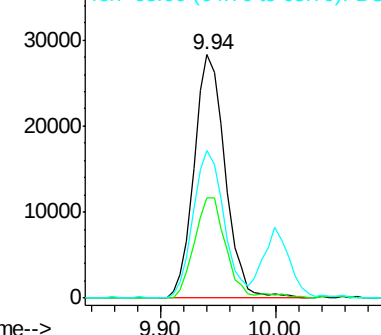
139 100

109 41.1 24.2 36.2#

65 60.6 47.4 71.0



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

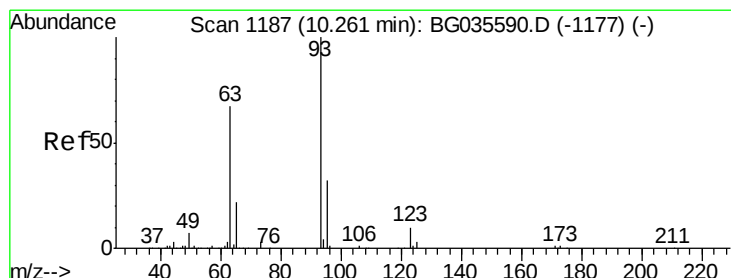
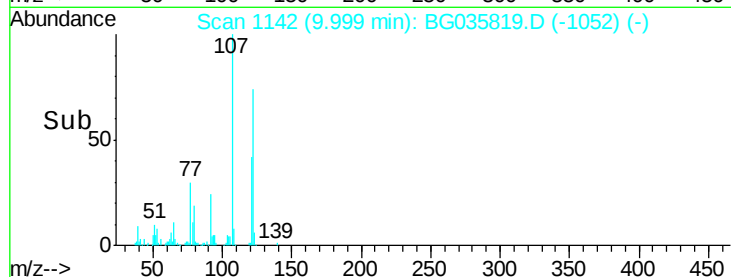
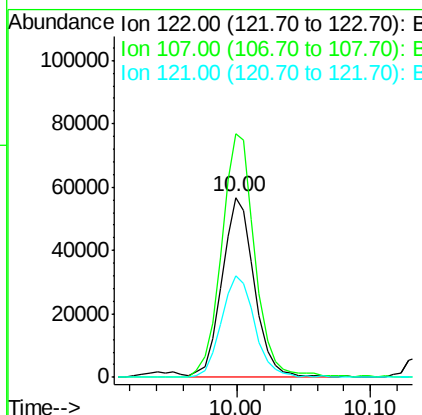
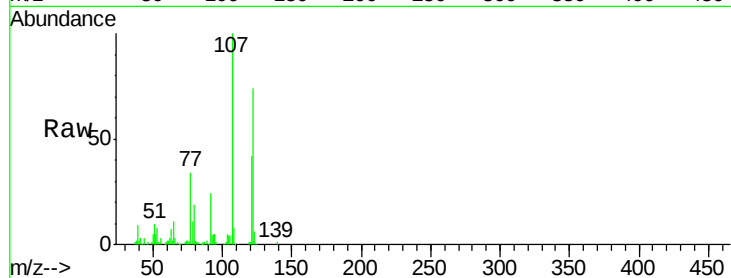




#27
2,4-Dimethylphenol
Concen: 53.130 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

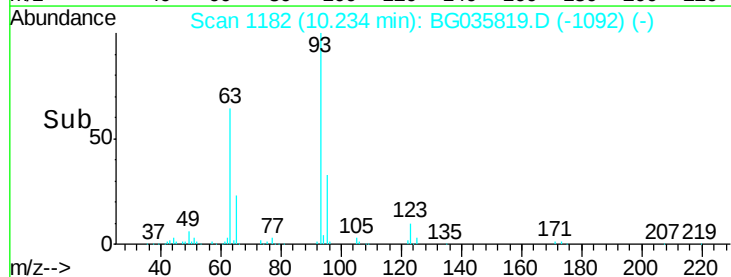
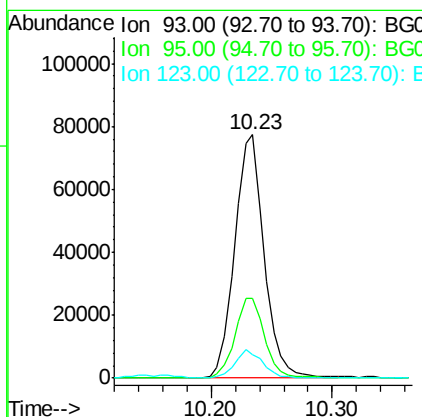
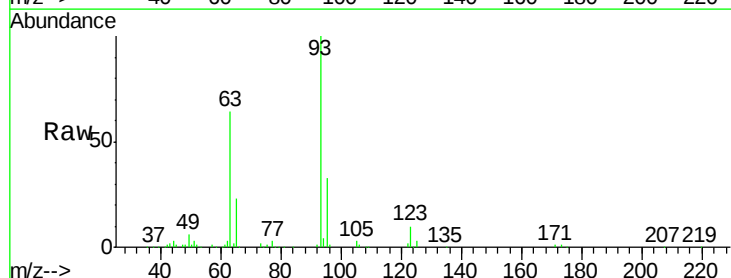
Instrument :
BNA_G
ClientSampleId :
PB111232BS

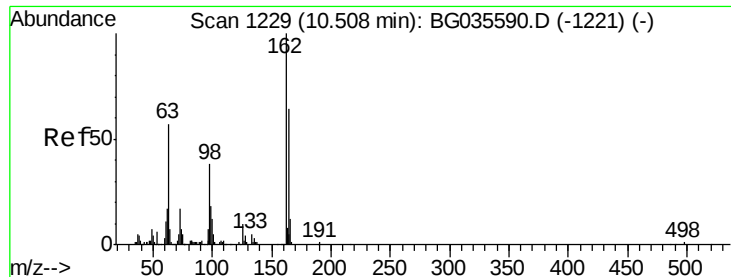
Tgt Ion:122 Resp: 96212
Ion Ratio Lower Upper
122 100
107 135.2 100.2 150.2
121 56.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 42.824 ng
RT: 10.23 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion: 93 Resp: 131203
Ion Ratio Lower Upper
93 100
95 32.7 24.3 36.5
123 9.7 8.4 12.6

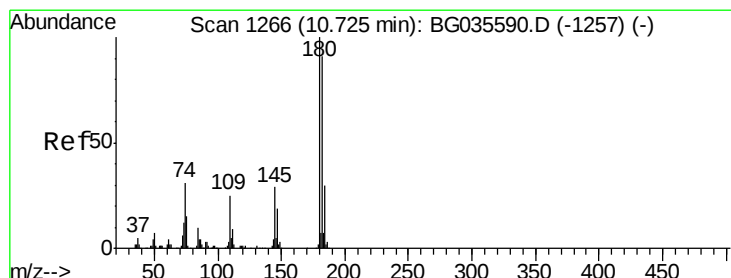
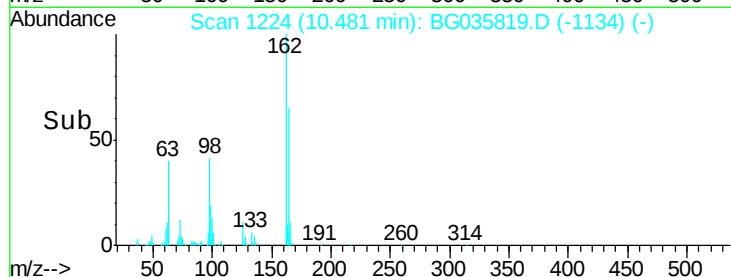
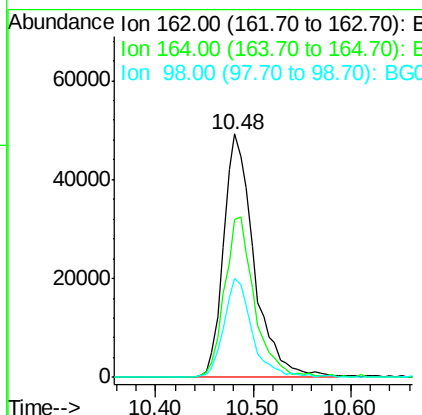
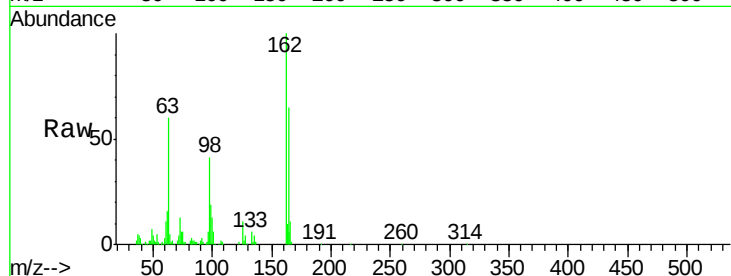




#29
 2,4-Dichlorophenol
 Concen: 51.686 ng
 RT: 10.48 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

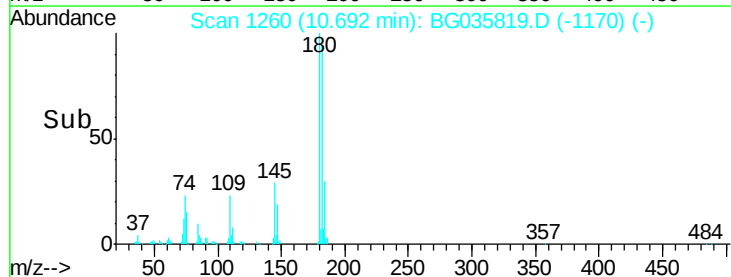
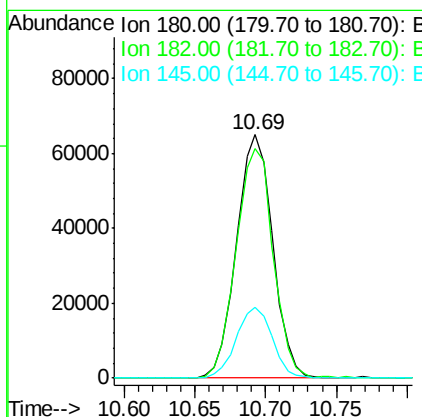
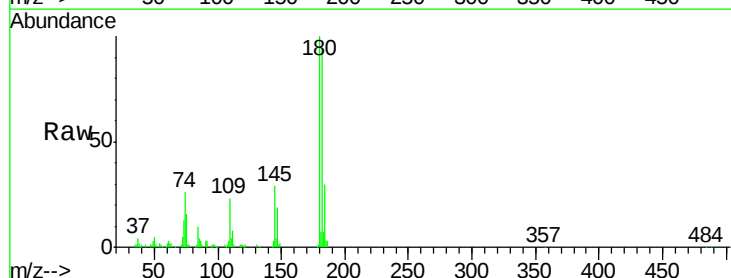
Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

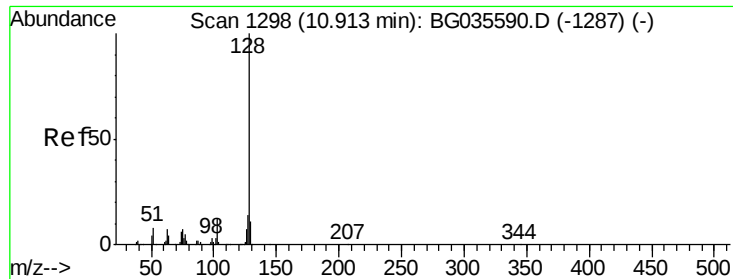
Tgt Ion:162 Resp: 106841
 Ion Ratio Lower Upper
 162 100
 164 65.0 48.0 88.0
 98 40.9 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 45.936 ng
 RT: 10.69 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion:180 Resp: 116438
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.5 116.3
 145 29.3 23.4 35.2

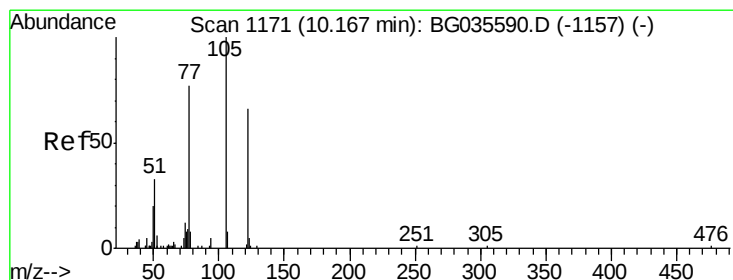
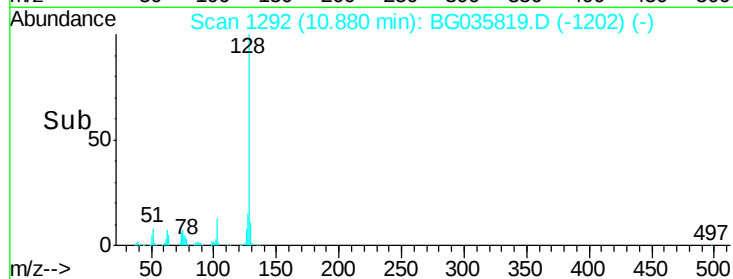
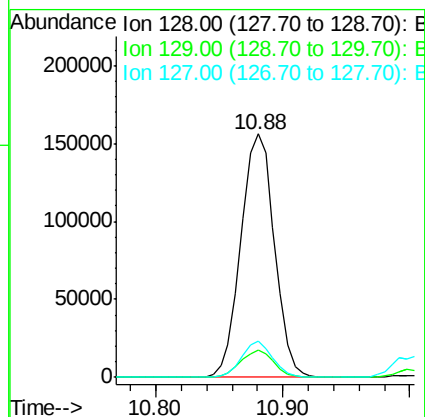
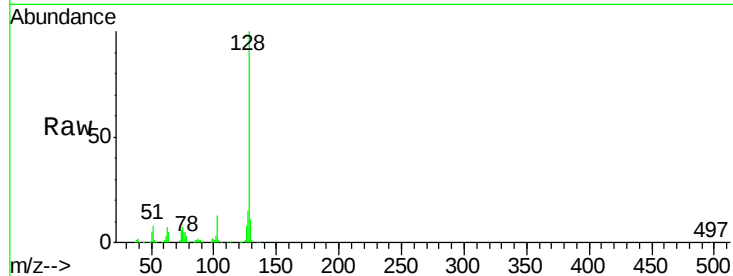




#31
Naphthalene
Concen: 43.932 ng
RT: 10.88 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

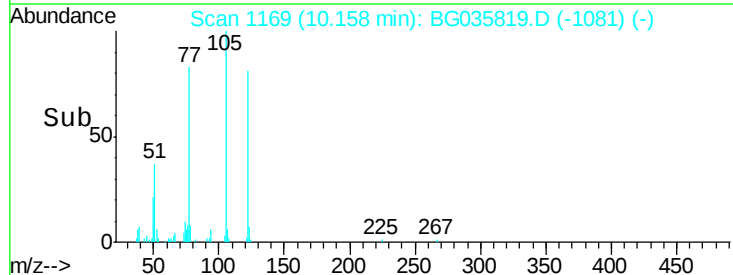
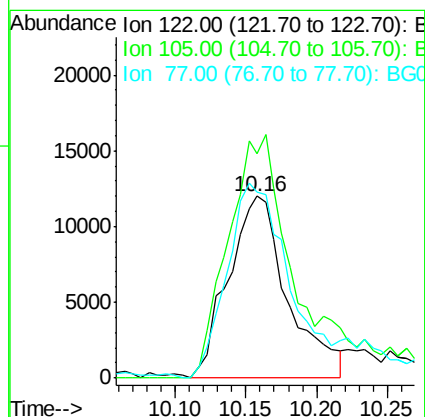
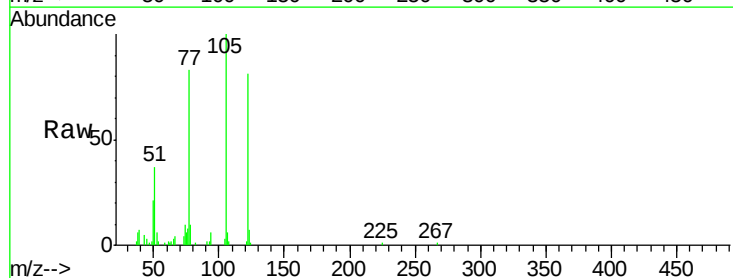
Instrument :
BNA_G
ClientSampleId :
PB111232BS

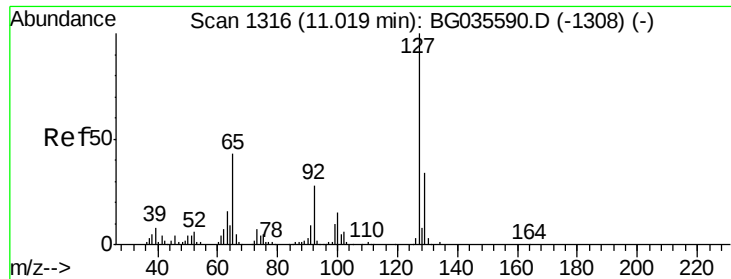
Tgt Ion:128 Resp: 286338
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 15.0 11.6 17.4



#32
Benzoic acid
Concen: 28.823 ng
RT: 10.16 min Scan# 1169
Delta R.T. -0.01 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion:122 Resp: 35137
Ion Ratio Lower Upper
122 100
105 123.8 123.5 163.5
77 102.6 85.7 125.7

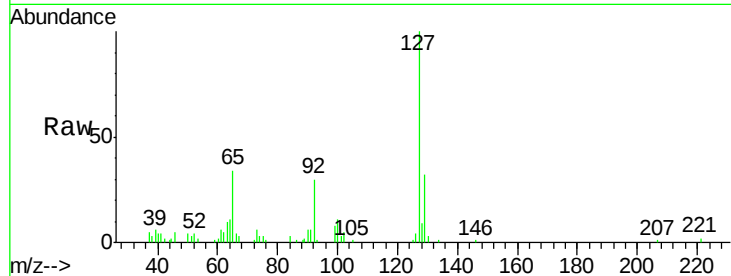




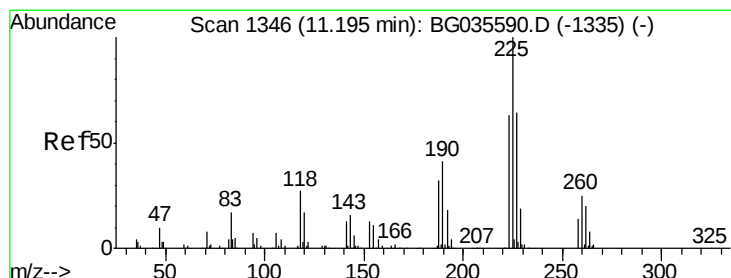
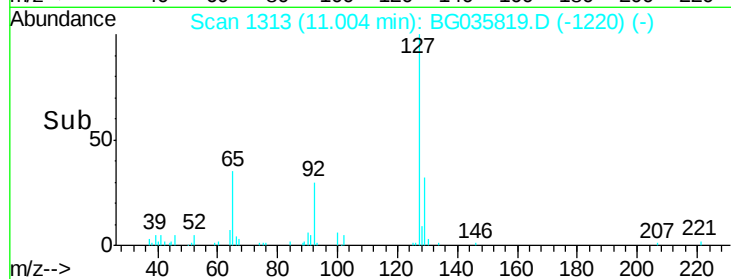
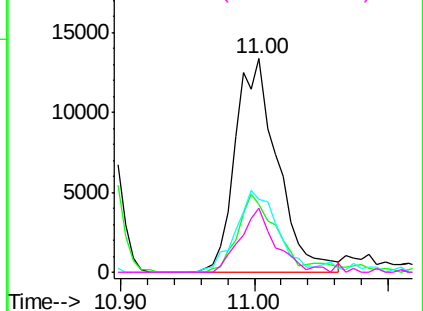
#33
4-Chloroaniline
Concen: 10.308 ng
RT: 11.00 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tgt Ion:127 Resp: 29281
Ion Ratio Lower Upper
127 100
129 31.9 24.0 36.0
65 34.0 27.0 40.4
92 29.7 16.6 25.0#

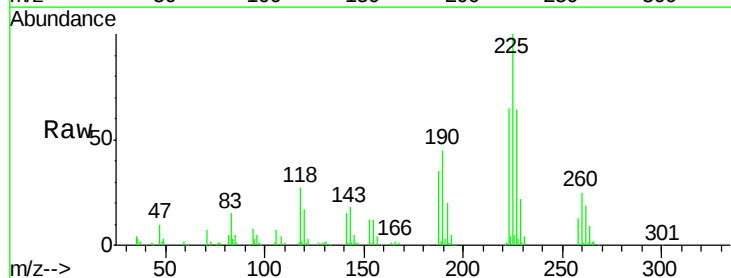


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

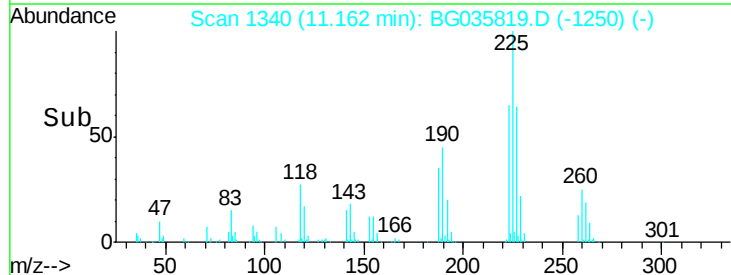
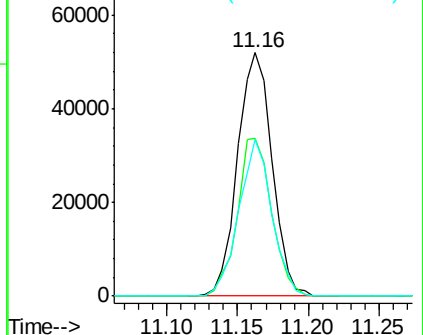


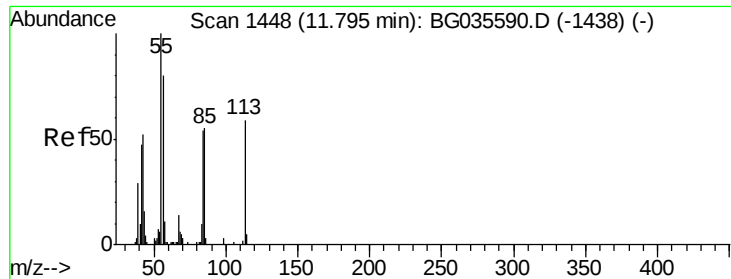
#34
Hexachlorobutadiene
Concen: 44.947 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion:225 Resp: 88840
Ion Ratio Lower Upper
225 100
223 64.9 49.7 74.5
227 64.3 48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

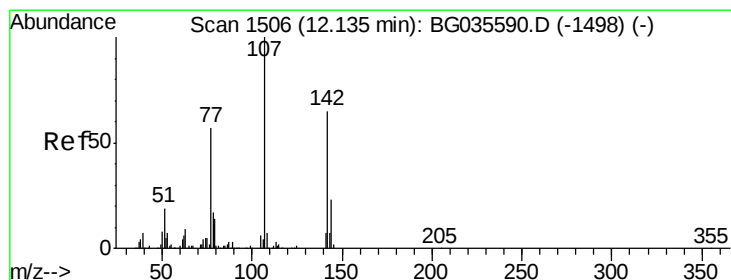
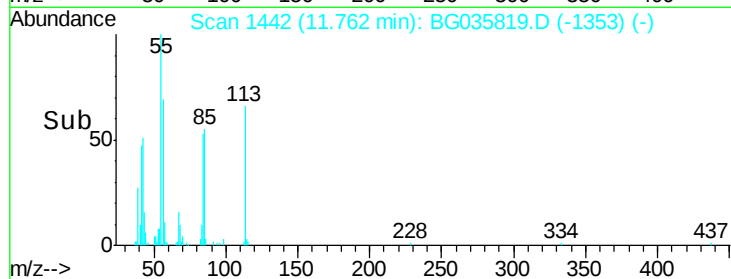
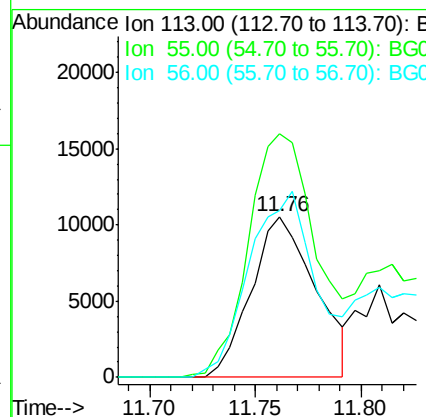
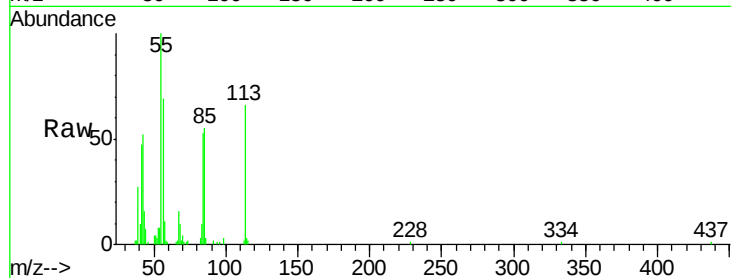




#35
 Caprolactam
 Concen: 25.100 ng
 RT: 11.76 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

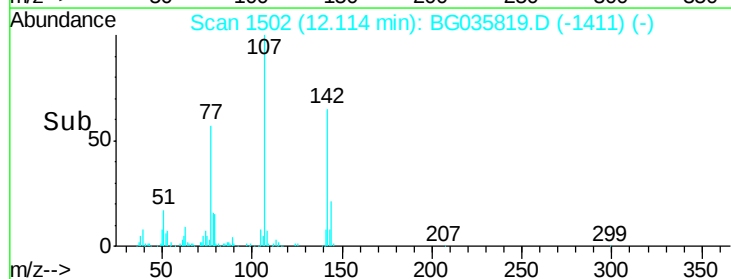
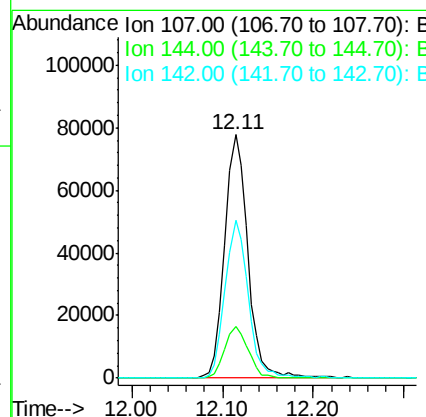
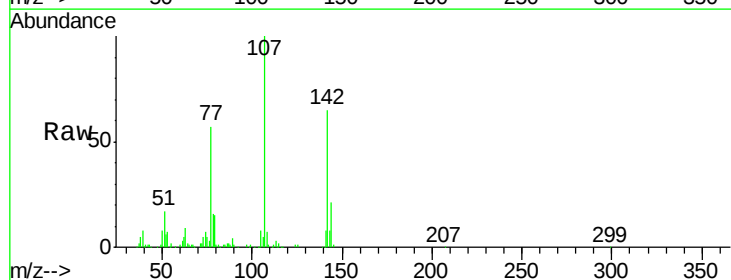
Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

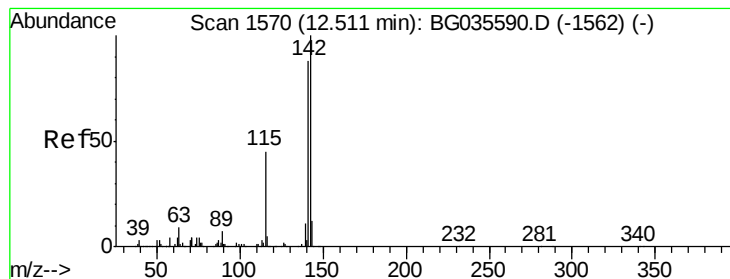
Tgt Ion:113 Resp: 22266
 Ion Ratio Lower Upper
 113 100
 55 151.7 186.9 226.9#
 56 104.3 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 49.848 ng
 RT: 12.11 min Scan# 1502
 Delta R.T. 0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion:107 Resp: 138118
 Ion Ratio Lower Upper
 107 100
 144 21.3 18.2 27.4
 142 64.8 59.0 88.4





#37

2-Methylnaphthalene

Concen: 46.641 ng

RT: 12.48 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

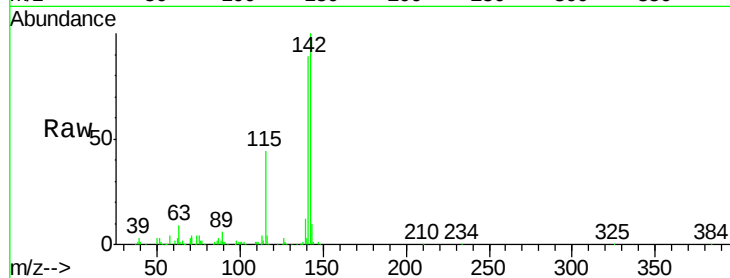
Tgt Ion:142 Resp: 226479

Ion Ratio Lower Upper

142 100

141 89.5 67.1 100.7

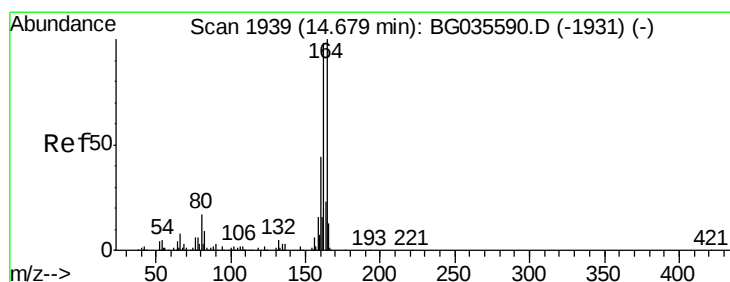
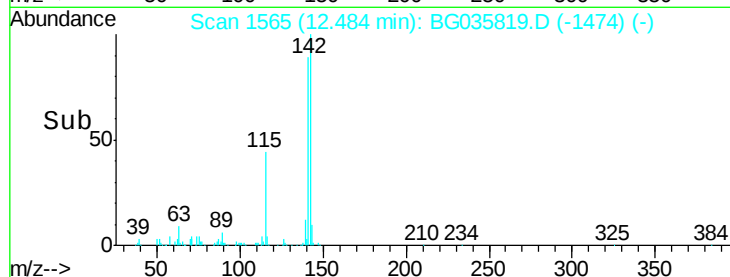
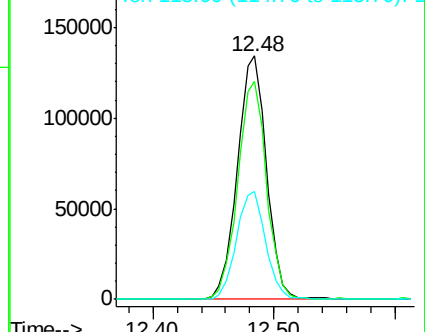
115 44.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

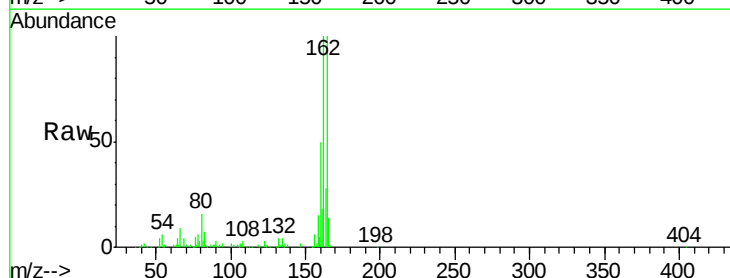
Tgt Ion:164 Resp: 92810

Ion Ratio Lower Upper

164 100

162 100.1 78.8 118.2

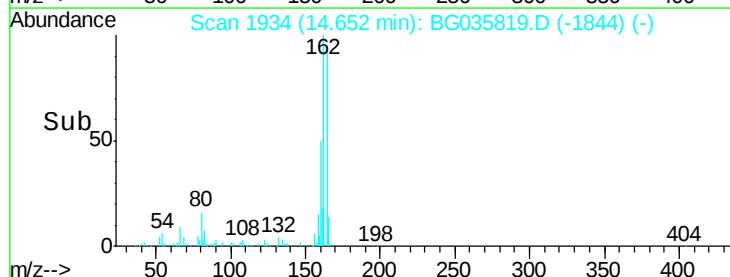
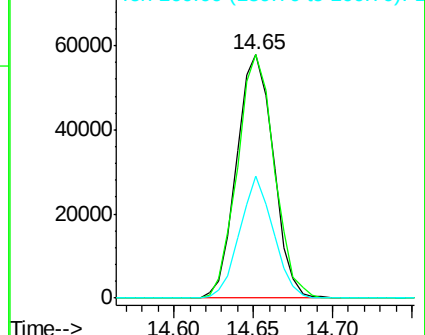
160 50.0 35.4 53.0

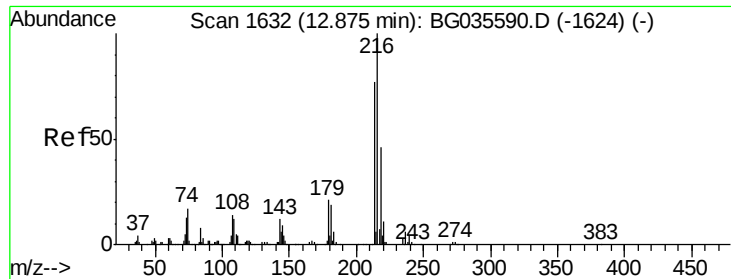


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.105 ng

RT: 12.85 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

Tgt Ion:216 Resp: 154497

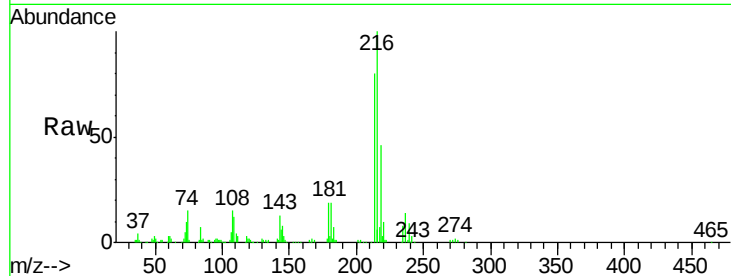
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 18.9 17.0 25.6

108 16.9 12.8 19.2

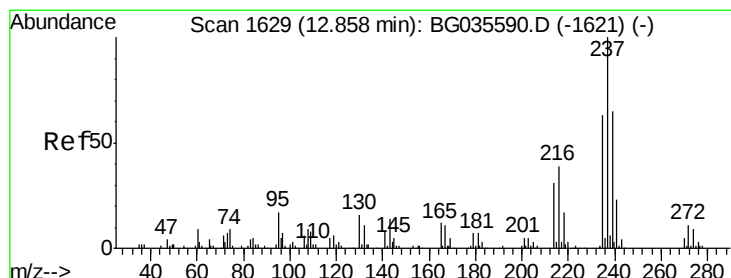
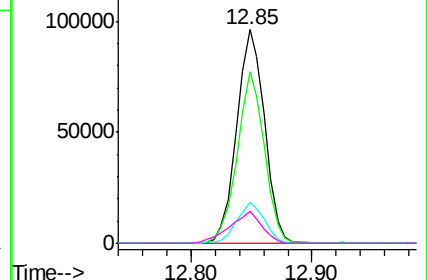
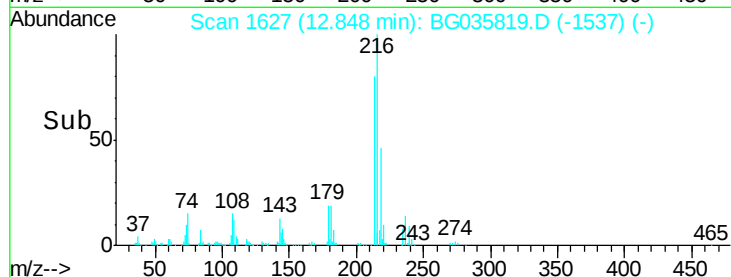


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 105.155 ng

RT: 12.82 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

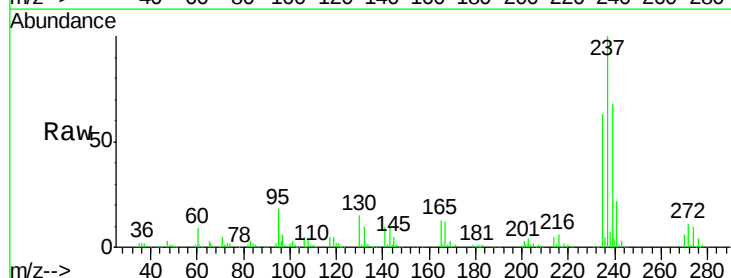
Tgt Ion:237 Resp: 193182

Ion Ratio Lower Upper

237 100

235 63.4 50.4 90.4

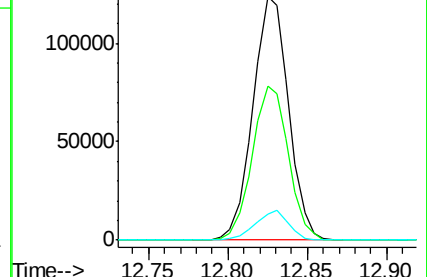
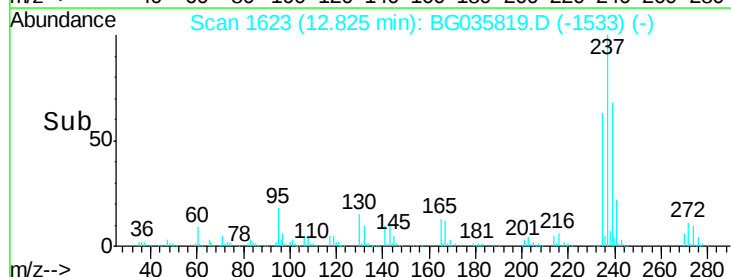
272 10.8 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

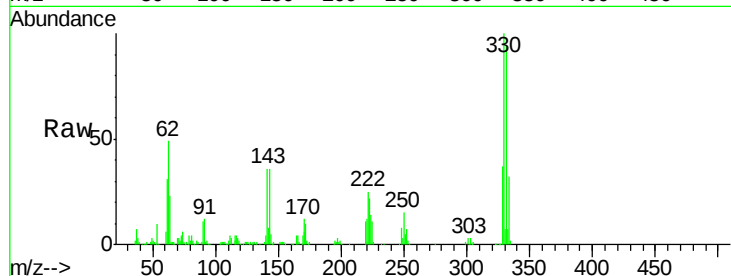




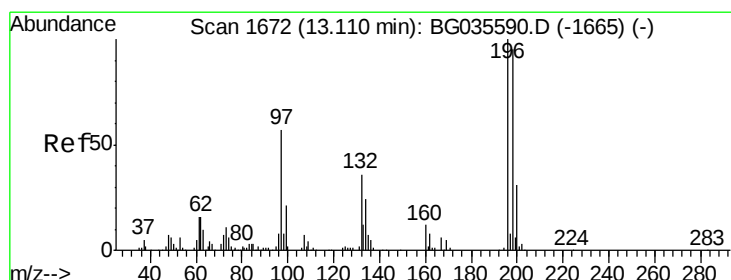
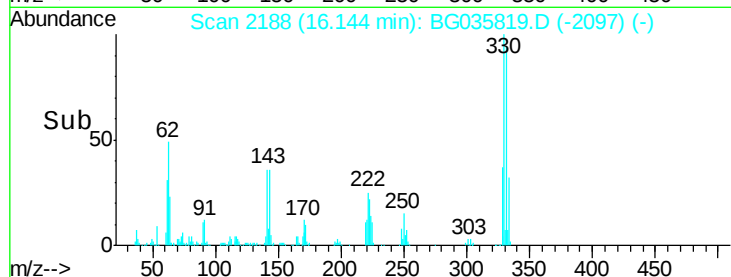
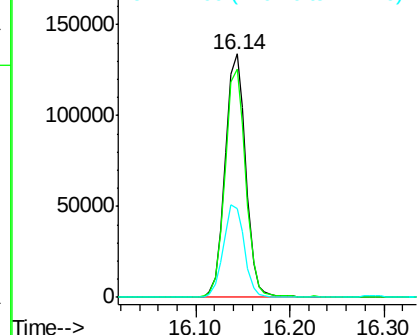
#41
 2,4,6-Tribromophenol
 Concen: 168.259 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tgt Ion:330 Resp: 205830
 Ion Ratio Lower Upper
 330 100
 332 93.5 77.0 115.6
 141 38.3 25.2 37.8#

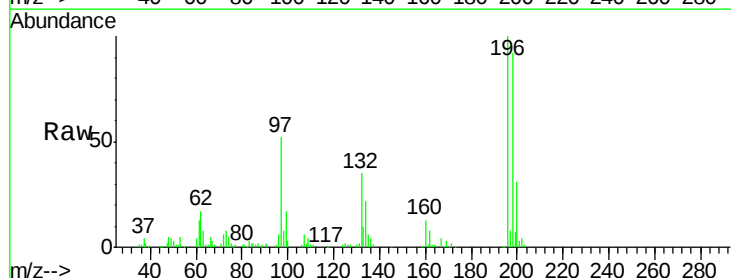


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

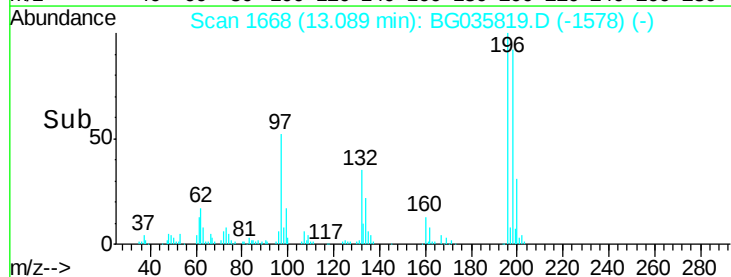
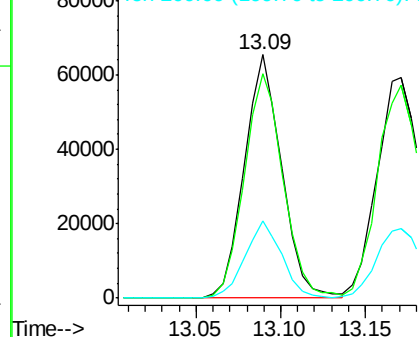


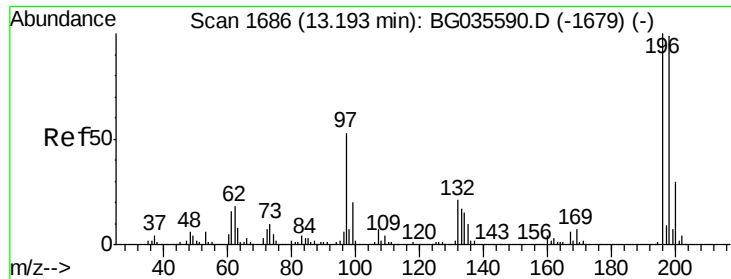
#42
 2,4,6-Trichlorophenol
 Concen: 49.148 ng
 RT: 13.09 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion:196 Resp: 100682
 Ion Ratio Lower Upper
 196 100
 198 92.4 78.2 117.2
 200 31.5 24.6 36.8



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

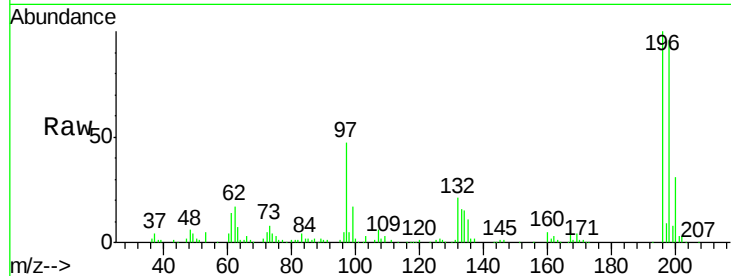




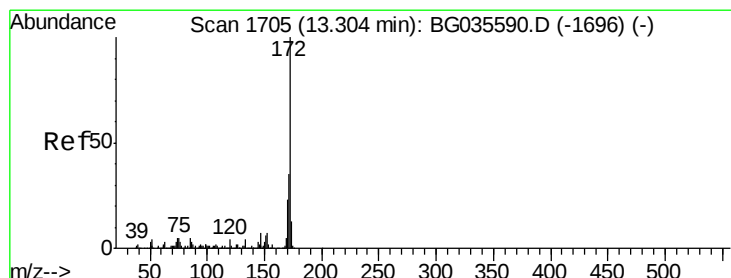
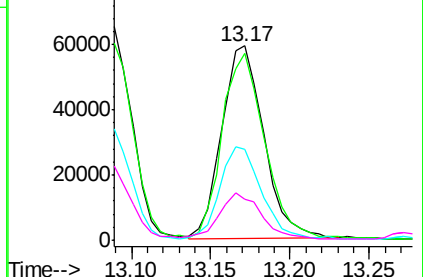
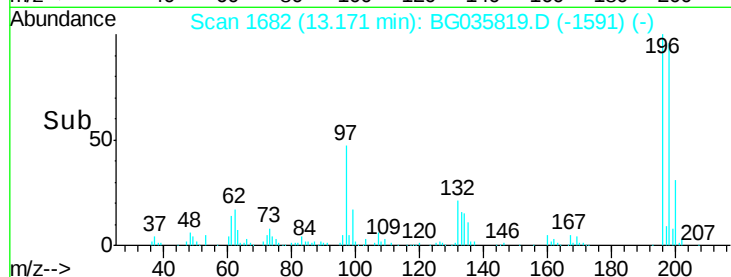
#43
 2,4,5-Trichlorophenol
 Concen: 47.230 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tgt Ion:	196	Resp:	108237
Ion	Ratio	Lower	Upper
196	100		
198	96.5	76.2	114.4
97	47.1	38.7	58.1
132	21.2	20.2	30.2

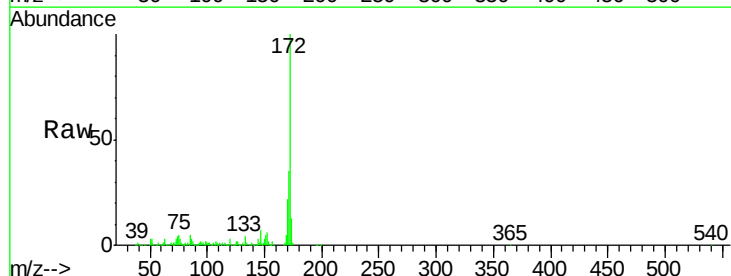


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

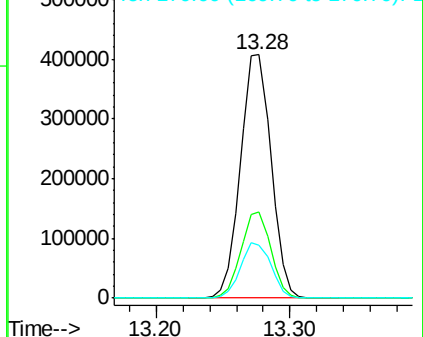
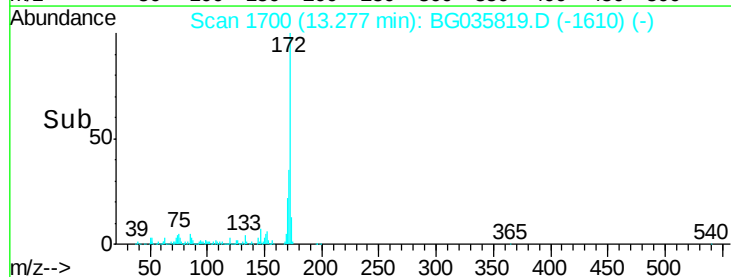


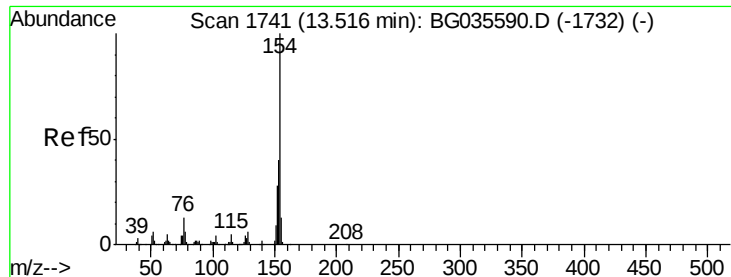
#44
 2-Fluorobiphenyl
 Concen: 93.153 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion:	172	Resp:	645316
Ion	Ratio	Lower	Upper
172	100		
171	35.2	30.0	45.0
170	21.9	19.5	29.3



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

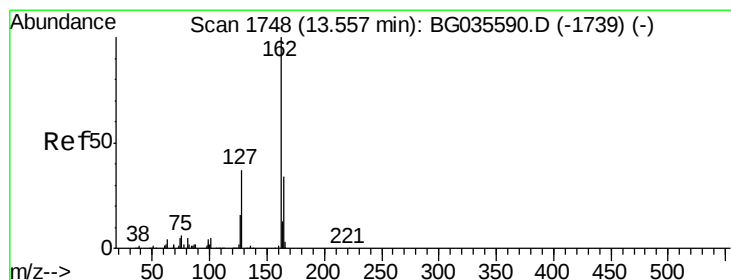
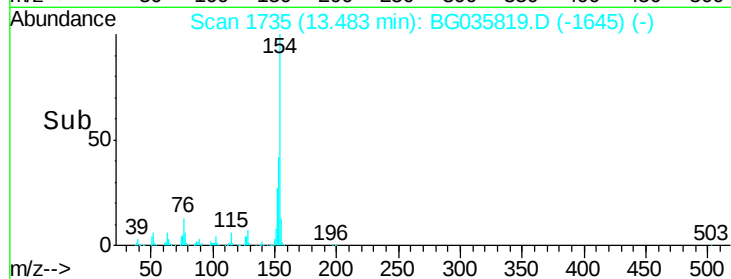
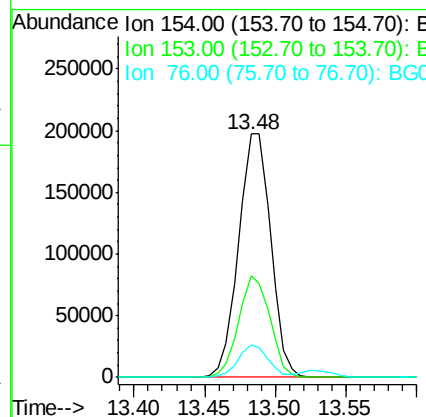
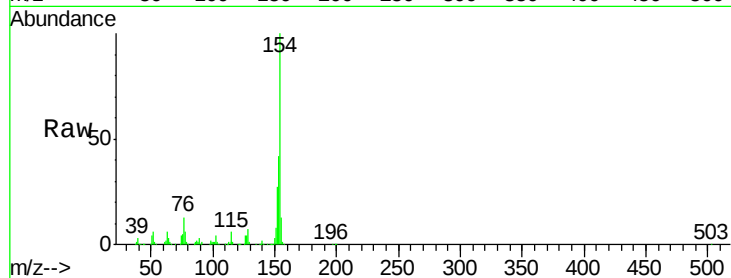




#45
 1,1'-Biphenyl
 Concen: 43.730 ng
 RT: 13.48 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

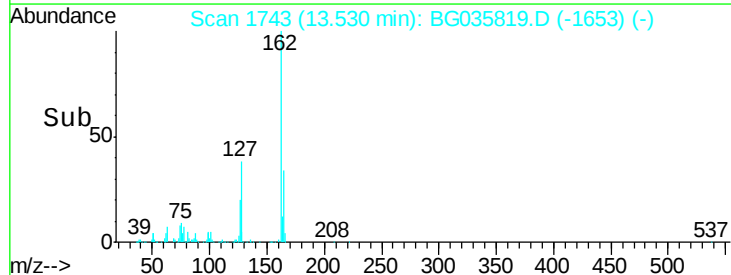
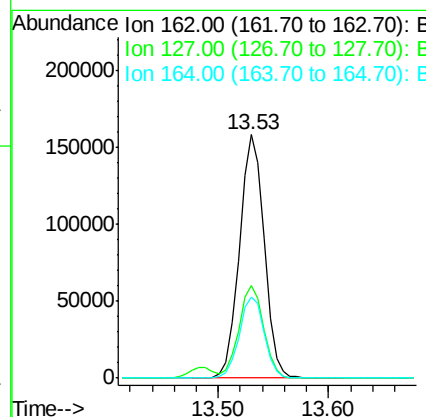
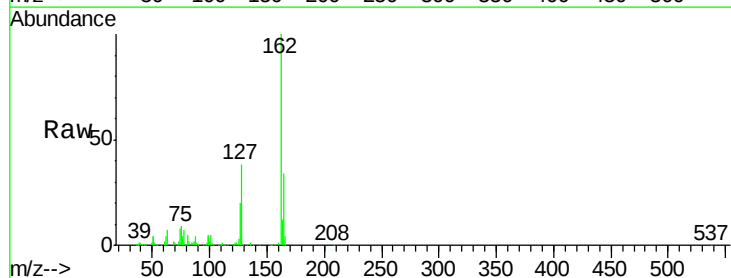
Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

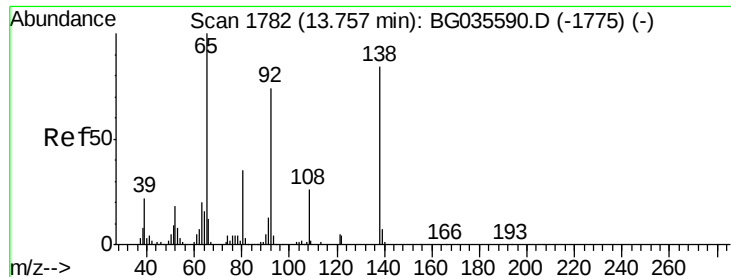
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	13.4	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 44.465 ng
 RT: 13.53 min Scan# 1743
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.7	46.1
164	33.5	26.0	39.0

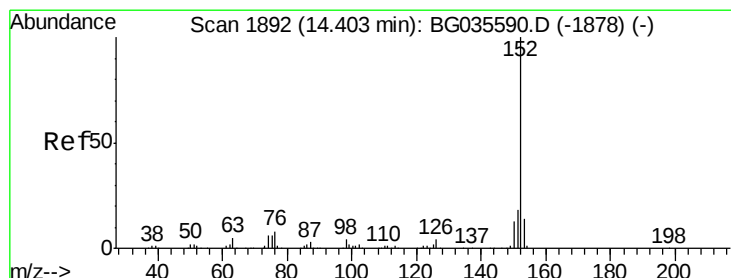
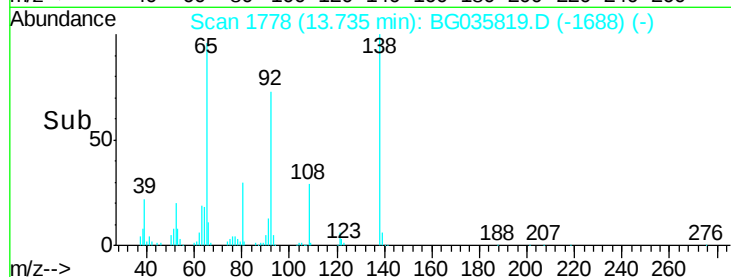
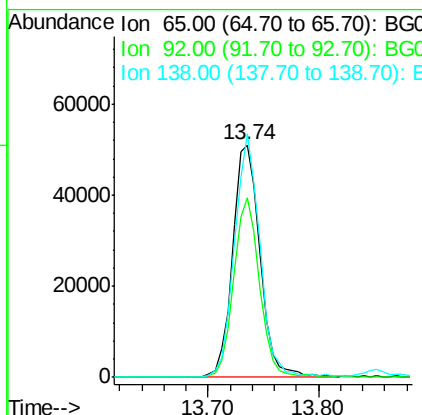
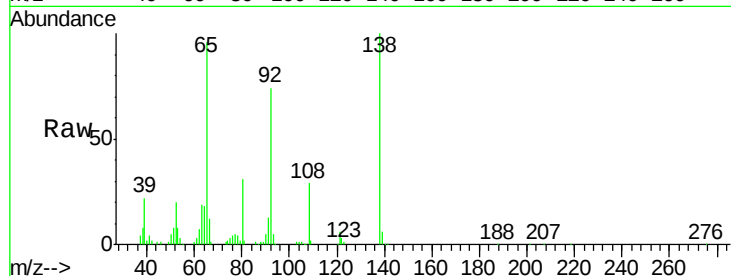




#47
2-Nitroaniline
Concen: 44.999 ng
RT: 13.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

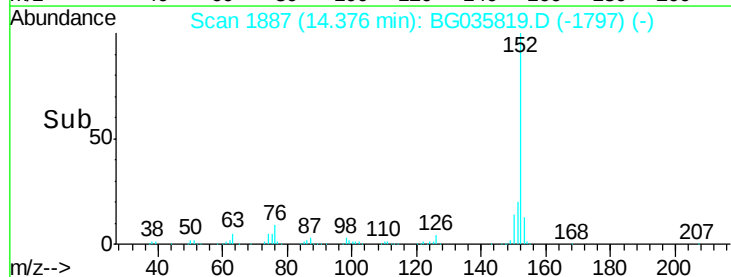
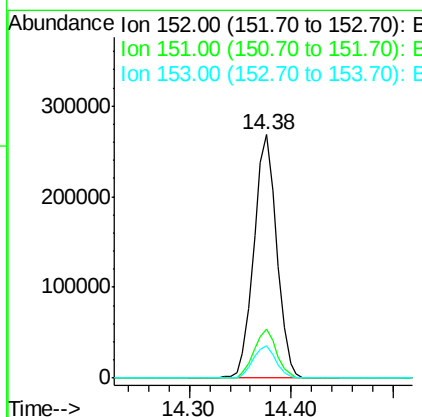
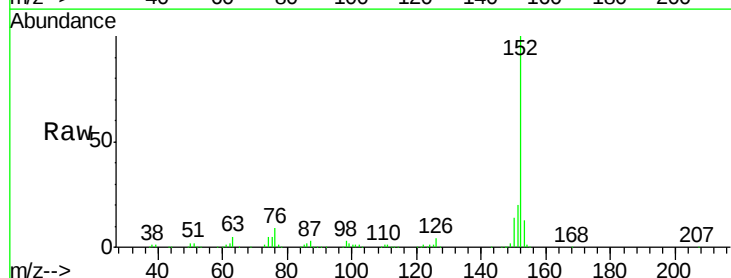
Instrument :
BNA_G
ClientSampleId :
PB111232BS

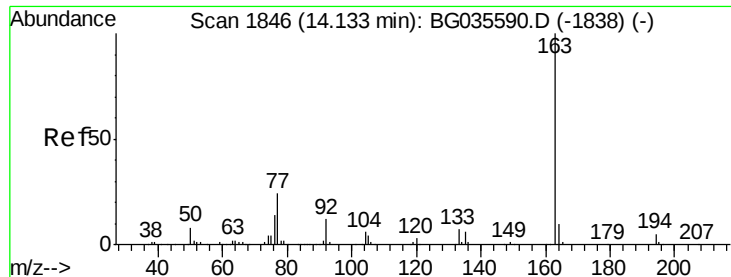
Tgt Ion: 65 Resp: 89040
Ion Ratio Lower Upper
65 100
92 77.0 54.6 82.0
138 104.6 72.9 109.3



#48
Acenaphthylene
Concen: 44.625 ng
RT: 14.38 min Scan# 1887
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion: 152 Resp: 418385
Ion Ratio Lower Upper
152 100
151 19.9 17.2 25.8
153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 44.417 ng

RT: 14.11 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

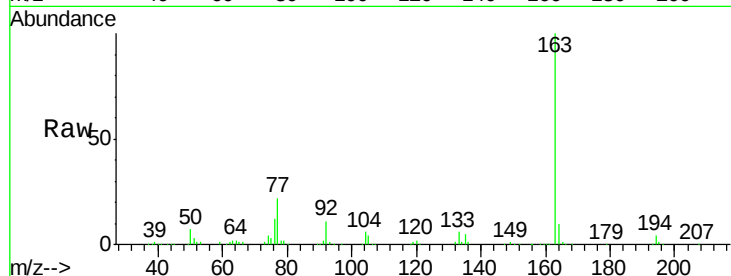
Tgt Ion:163 Resp: 361180

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

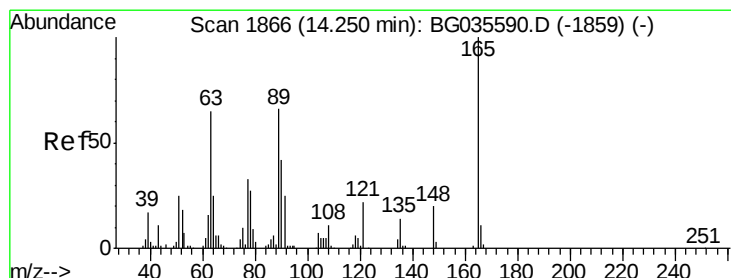
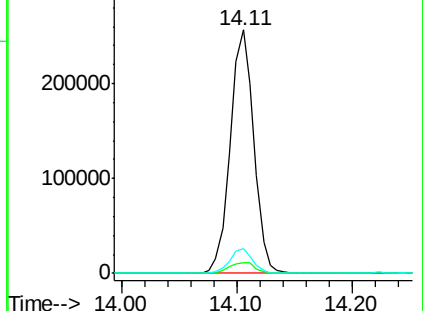
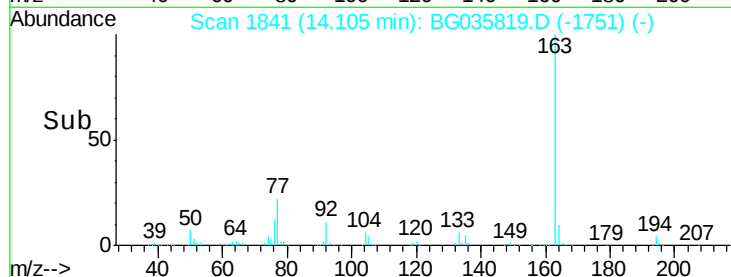
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 51.324 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

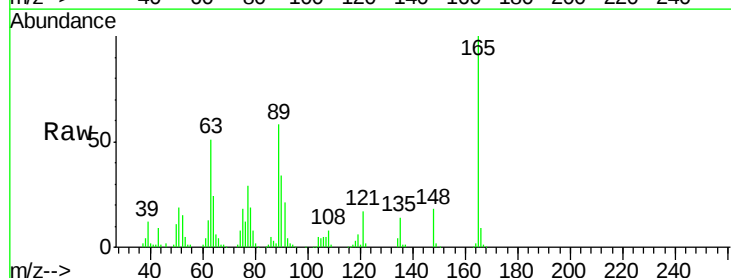
Tgt Ion:165 Resp: 84987

Ion Ratio Lower Upper

165 100

63 51.2 52.7 79.1#

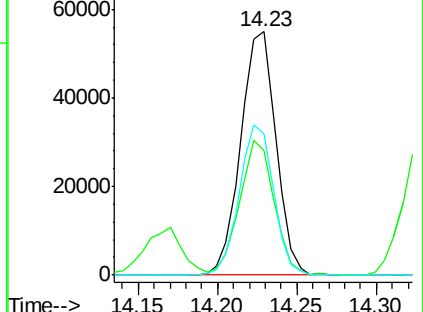
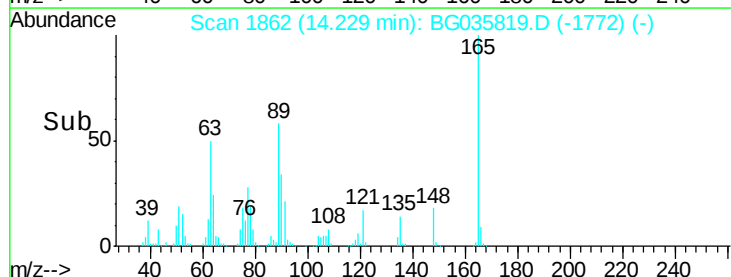
89 58.1 49.2 73.8

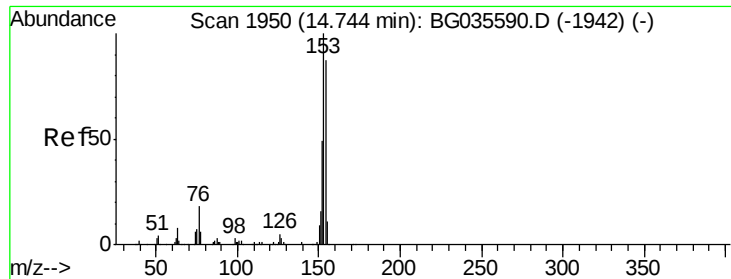


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.328 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

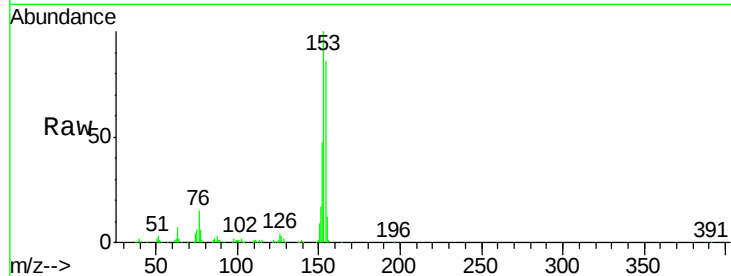
Tgt Ion:154 Resp: 247210

Ion Ratio Lower Upper

154 100

153 116.8 90.4 135.6

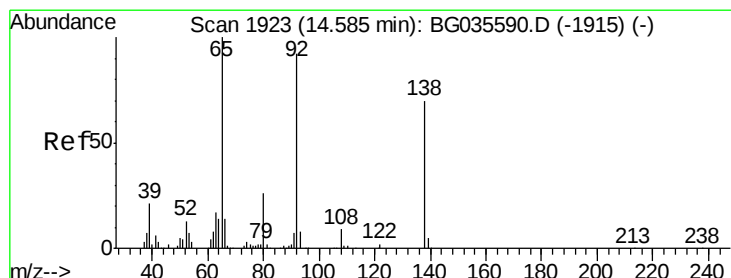
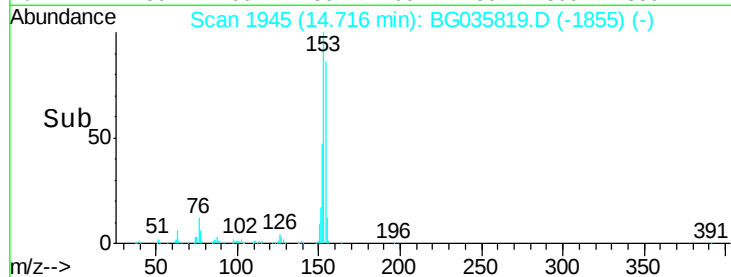
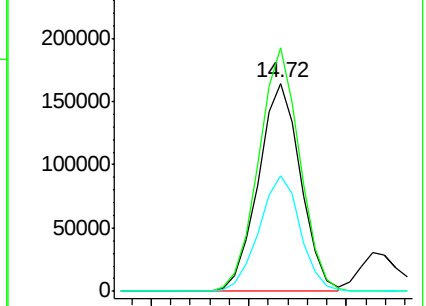
152 55.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 18.720 ng

RT: 14.56 min Scan# 1918

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

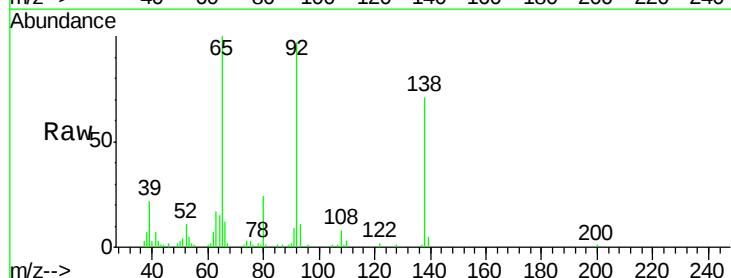
Tgt Ion:138 Resp: 31682

Ion Ratio Lower Upper

138 100

108 10.9 17.5 26.3#

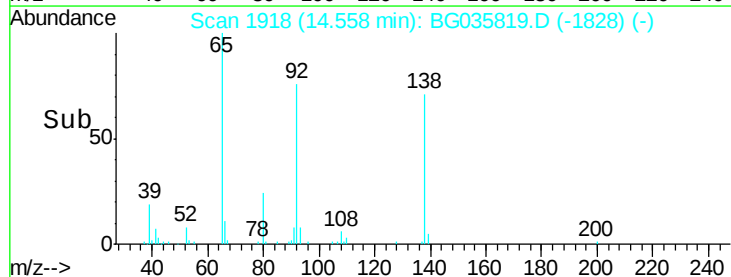
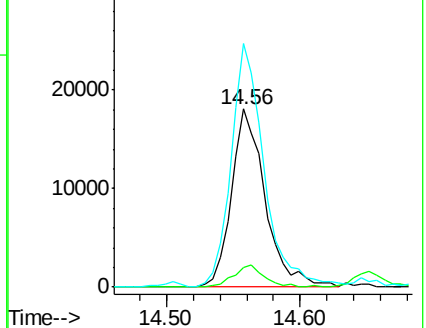
92 136.7 105.8 158.8

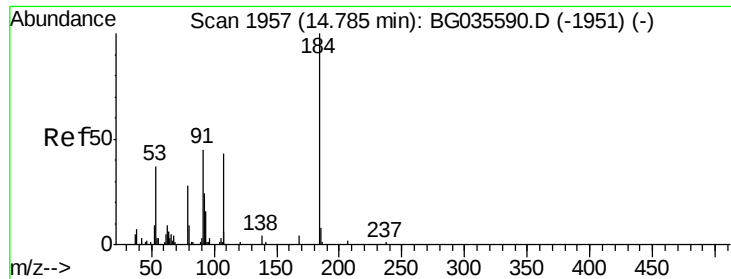


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

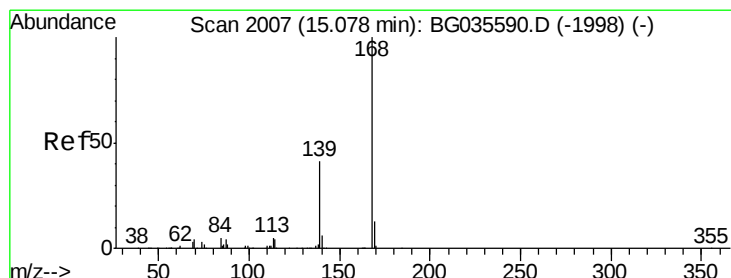
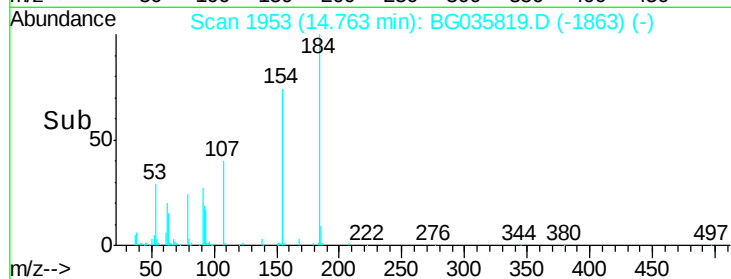
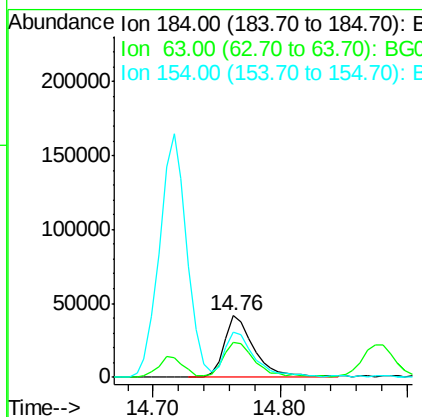
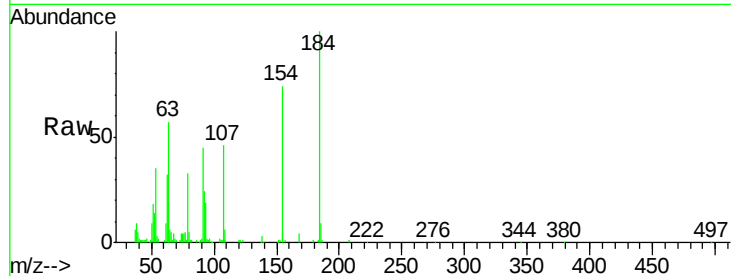




#53
 2,4-Dinitrophenol
 Concen: 80.742 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

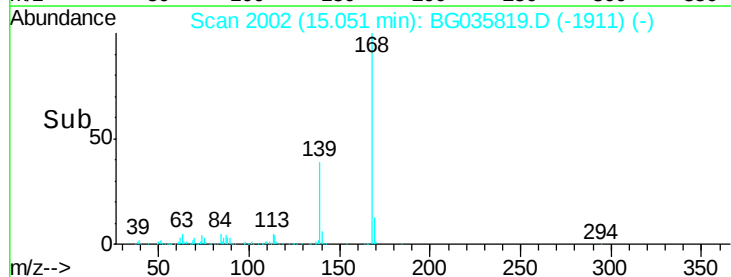
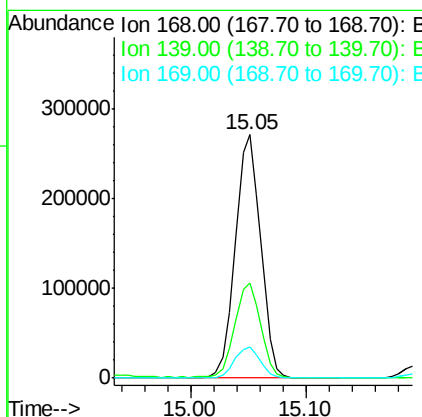
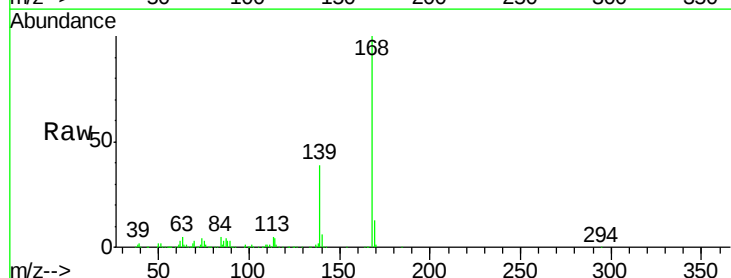
Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

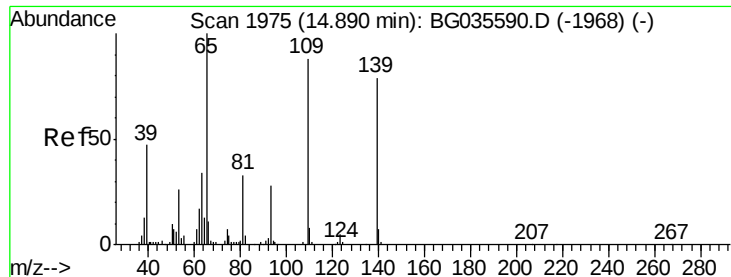
Tgt Ion:184 Resp: 68810
 Ion Ratio Lower Upper
 184 100
 63 57.4 59.8 89.8#
 154 73.6 101.8 152.8#



#54
 Dibenzofuran
 Concen: 44.163 ng
 RT: 15.05 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion:168 Resp: 410208
 Ion Ratio Lower Upper
 168 100
 139 39.0 28.6 43.0
 169 12.6 11.2 16.8





#55

4-Nitrophenol

Concen: 102.890 ng

RT: 14.88 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

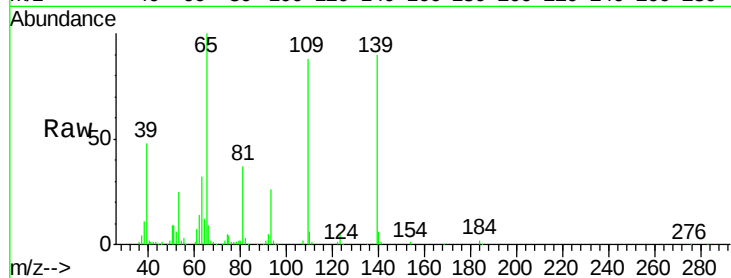
Tgt Ion:139 Resp: 124012

Ion Ratio Lower Upper

139 100

109 97.7 62.2 102.2

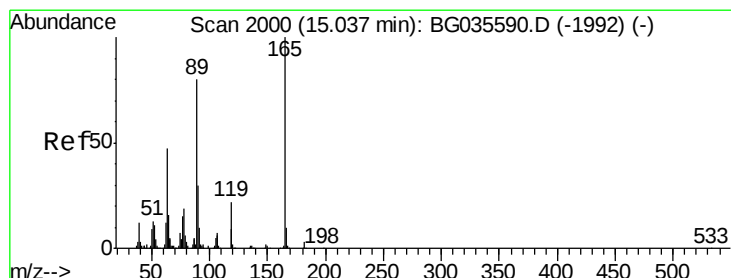
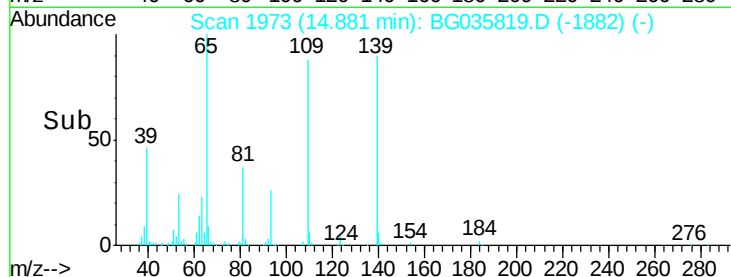
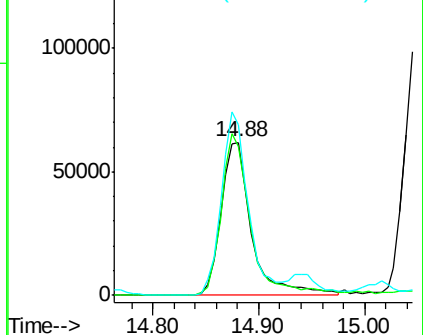
65 111.2 97.2 137.2



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 52.574 ng

RT: 15.02 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Tgt Ion:165 Resp: 124895

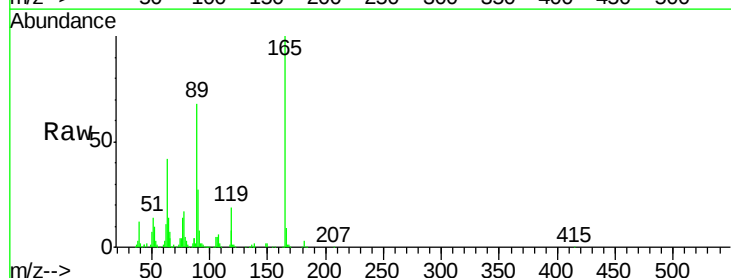
Ion Ratio Lower Upper

165 100

63 42.3 42.0 63.0

89 68.2 66.9 100.3

182 3.1 2.6 3.8

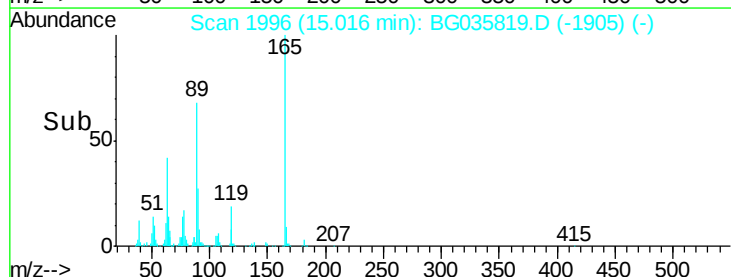
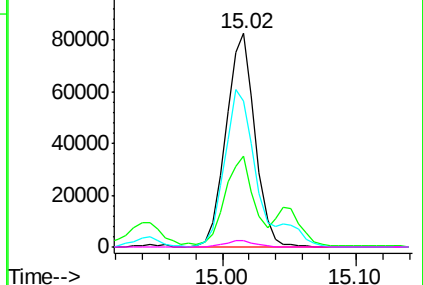


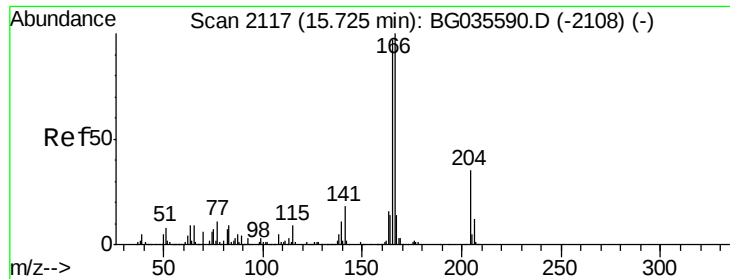
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

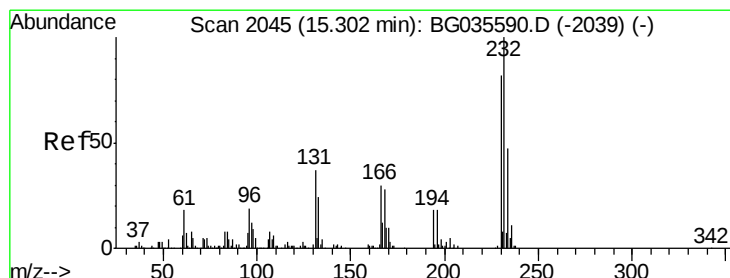
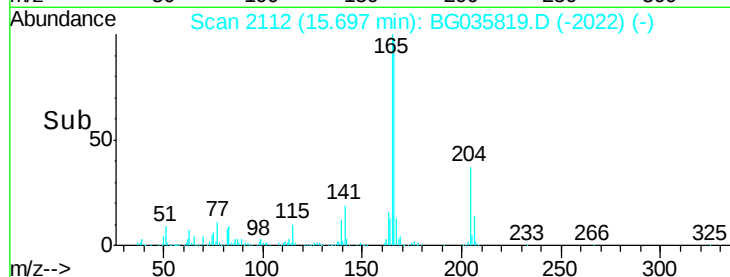
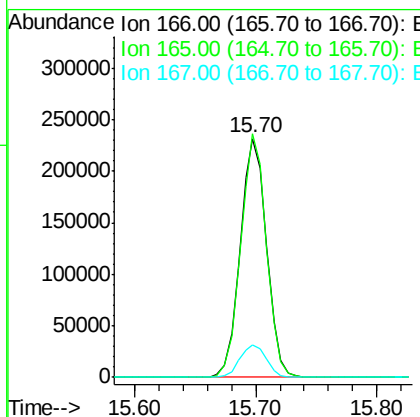
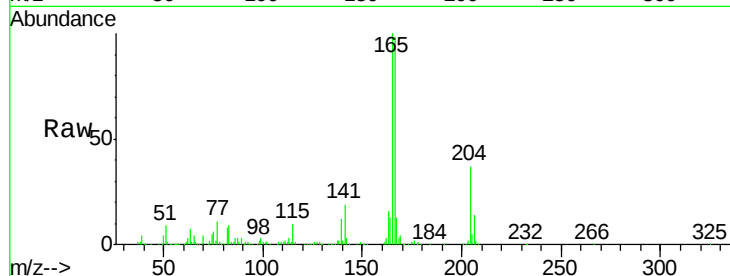




#57
 Fluorene
 Concen: 45.138 ng
 RT: 15.70 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

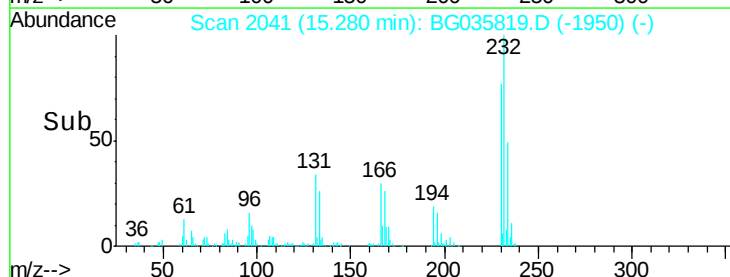
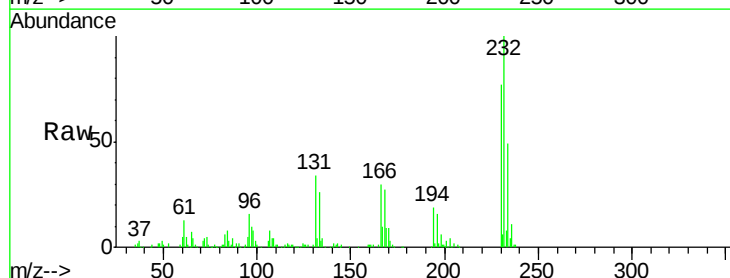
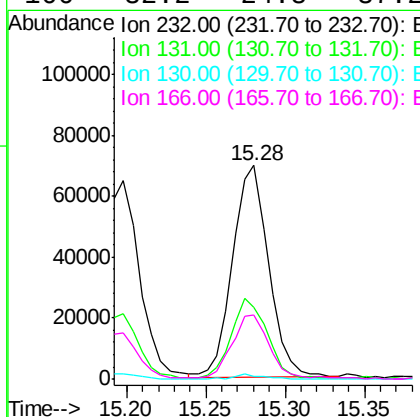
Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

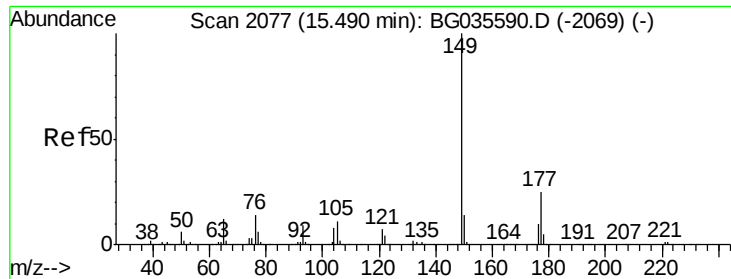
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.9	80.6	121.0
167	13.3	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.400 ng
 RT: 15.28 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.0	33.5	50.3
130	1.9	2.2	3.2#
166	32.2	24.8	37.2

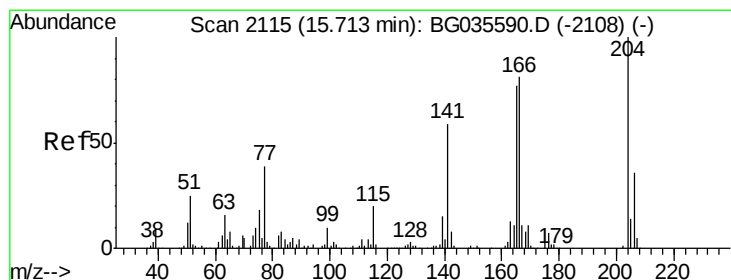
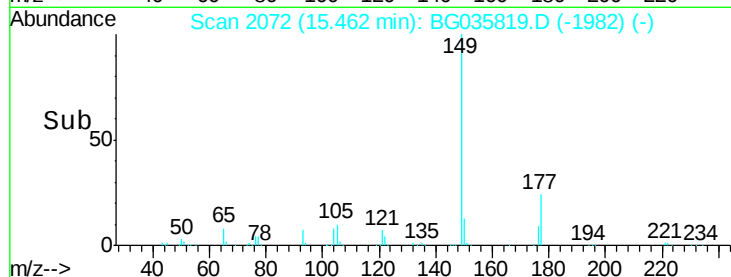
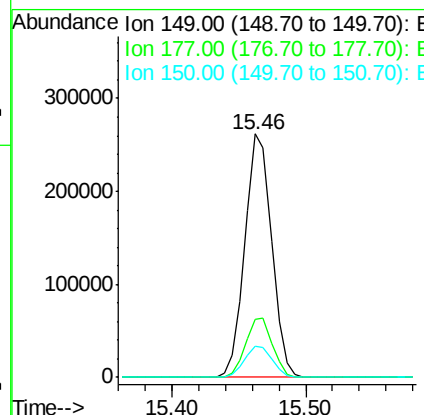
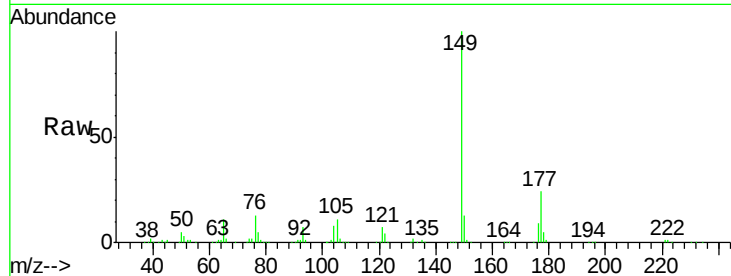




#59
Diethylphthalate
Concen: 43.252 ng
RT: 15.46 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

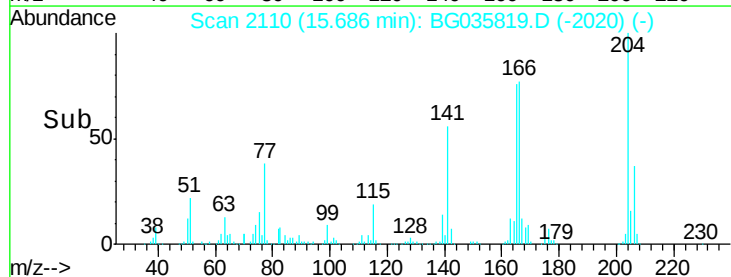
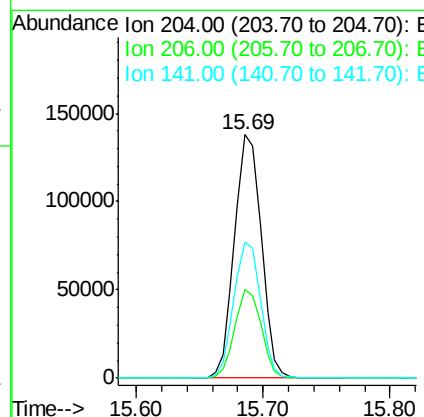
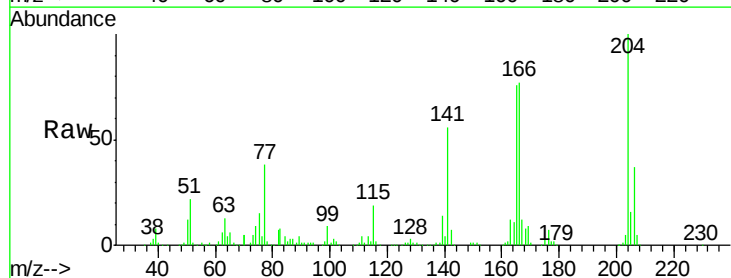
Instrument :
BNA_G
ClientSampleId :
PB111232BS

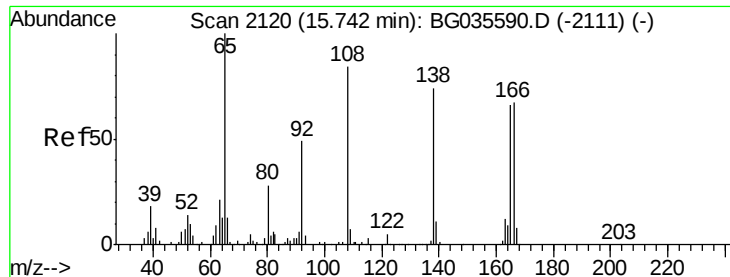
Tgt Ion:149 Resp: 361640
Ion Ratio Lower Upper
149 100
177 23.8 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.216 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion:204 Resp: 202318
Ion Ratio Lower Upper
204 100
206 36.6 26.2 39.2
141 56.0 45.8 68.6

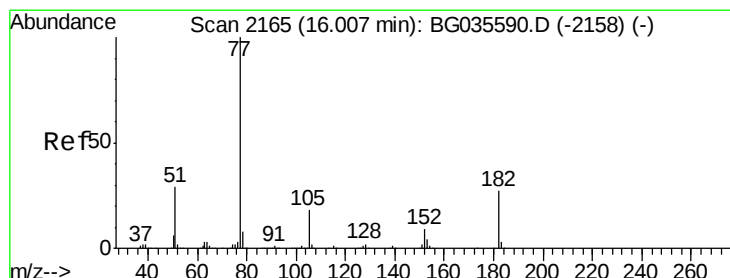
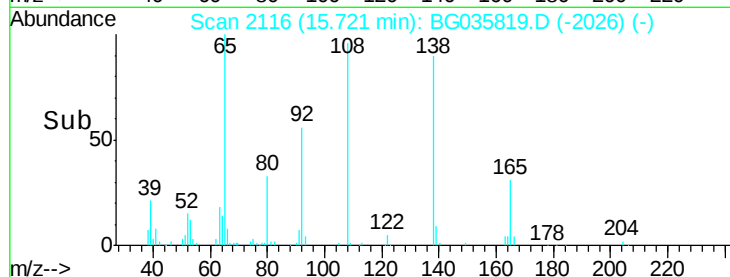
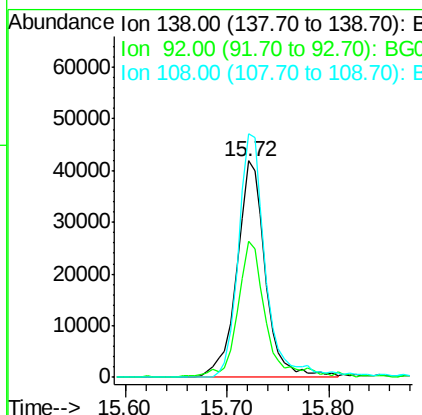
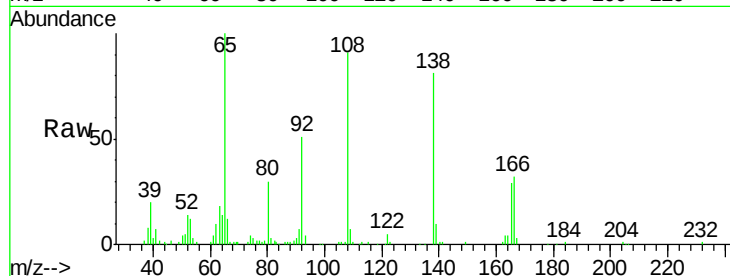




#61
4-Nitroaniline
Concen: 46.034 ng
RT: 15.72 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

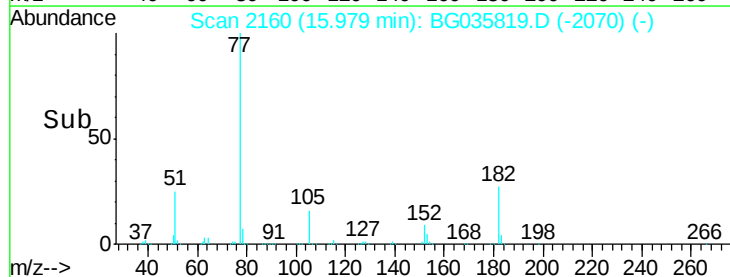
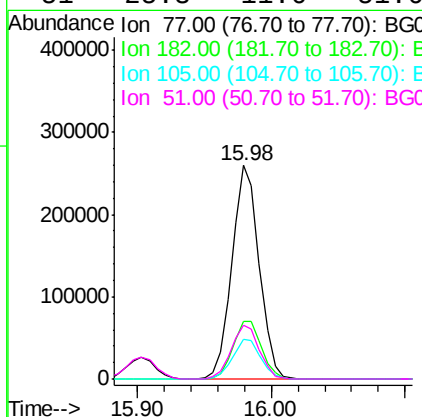
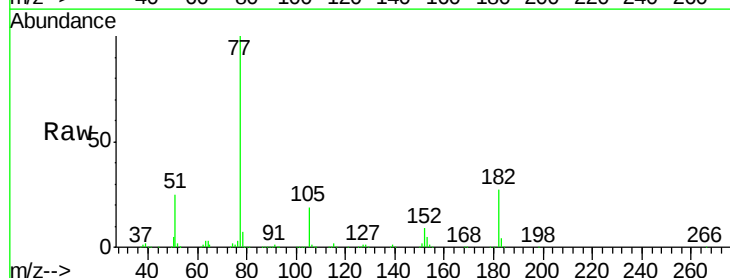
Instrument :
BNA_G
ClientSampleId :
PB111232BS

Tgt Ion:138 Resp: 81497
Ion Ratio Lower Upper
138 100
92 63.1 40.1 80.1
108 112.5 65.4 105.4#



#62
Azobenzene
Concen: 44.903 ng
RT: 15.98 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion: 77 Resp: 370336
Ion Ratio Lower Upper
77 100
182 26.8 7.4 47.4
105 18.6 0.3 40.3
51 25.3 11.6 51.6

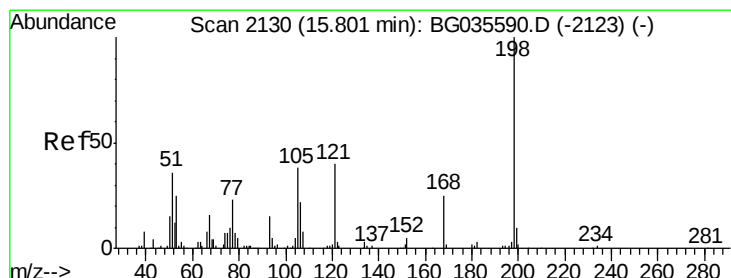
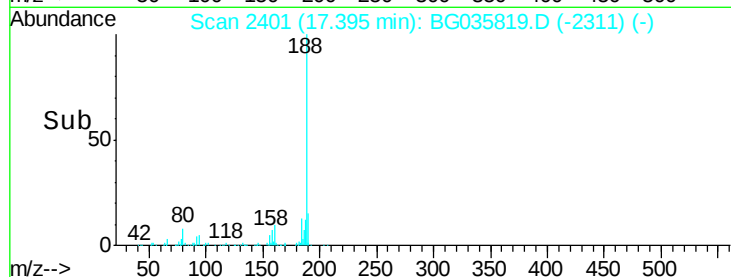
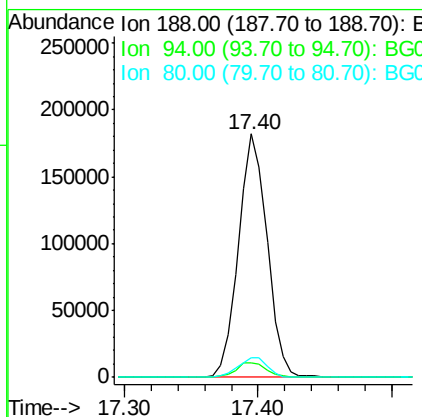
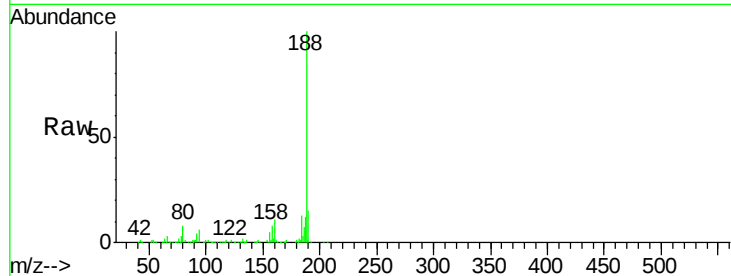




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

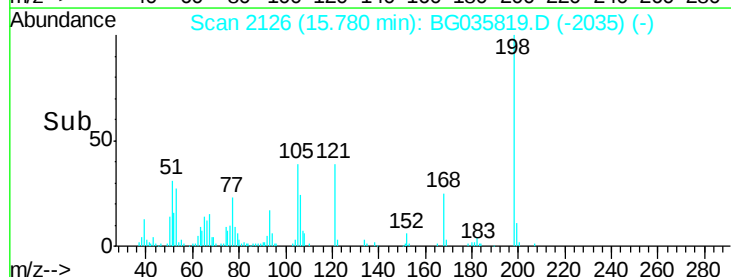
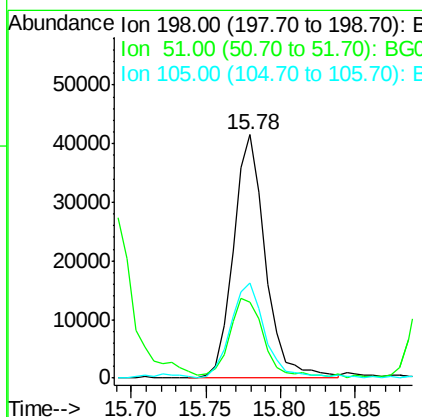
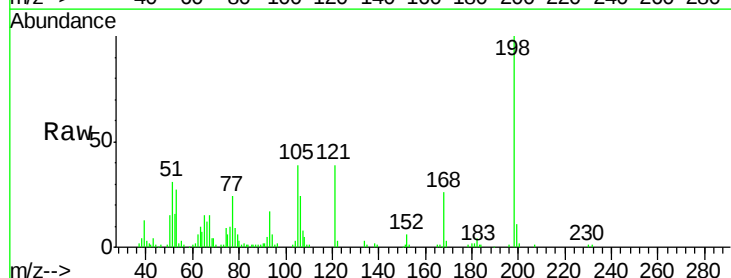
Instrument :
BNA_G
ClientSampleId :
PB111232BS

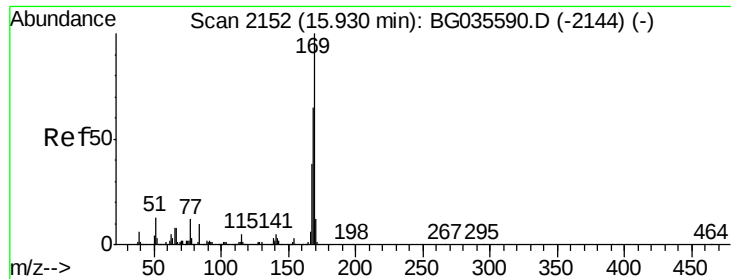
Tgt Ion:188 Resp: 269747
Ion Ratio Lower Upper
188 100
94 6.2 6.9 10.3#
80 7.9 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 41.360 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion:198 Resp: 62106
Ion Ratio Lower Upper
198 100
51 31.4 30.6 70.6
105 39.3 23.8 63.8

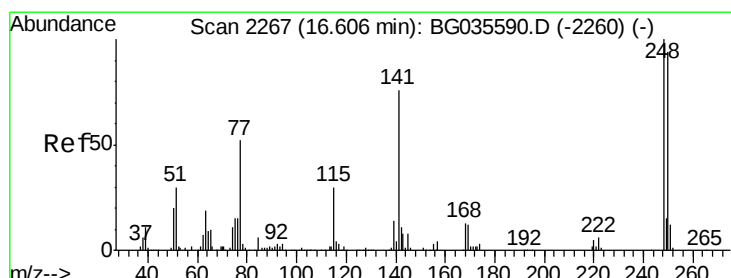
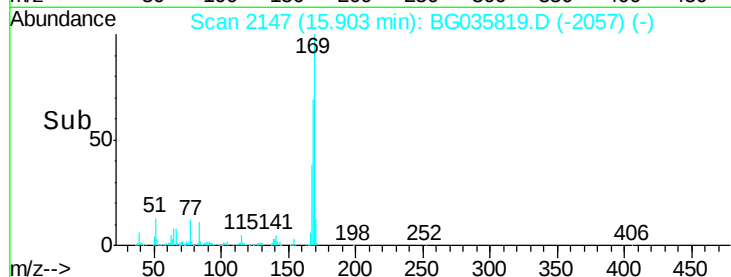
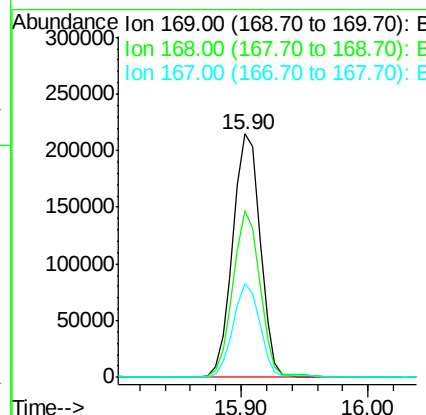
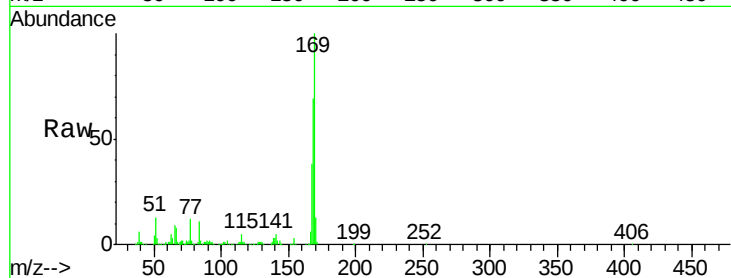




#65
n-Nitrosodiphenylamine
Concen: 41.799 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

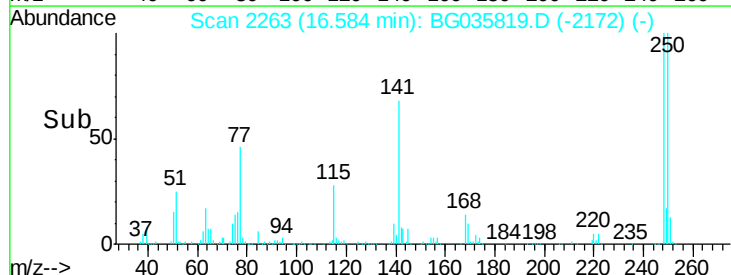
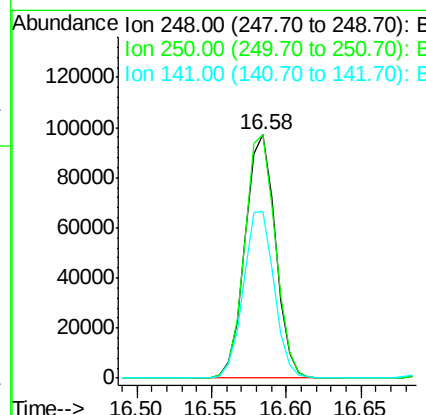
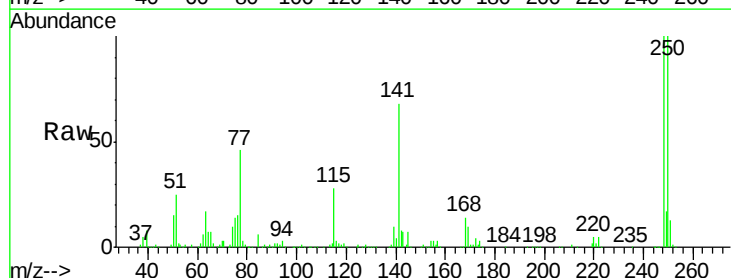
Instrument :
BNA_G
ClientSampleId :
PB111232BS

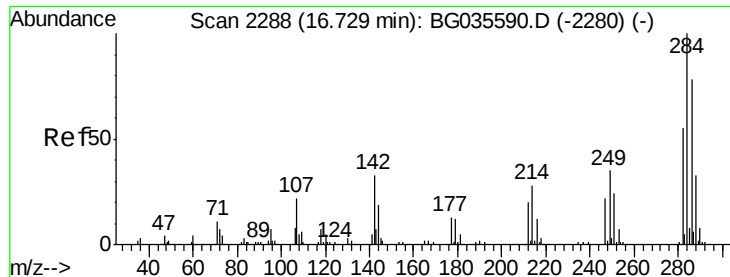
Tgt Ion	Resp	Lower	Upper
169	100		
168	68.7	55.7	83.5
167	38.4	30.1	45.1



#66
4-Bromophenyl-phenylether
Concen: 43.762 ng
RT: 16.58 min Scan# 2263
Delta R.T. 0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion	Resp	Lower	Upper
248	100		
250	100.2	77.1	115.7
141	68.6	50.8	76.2





#67

Hexachlorobenzene

Concen: 46.051 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

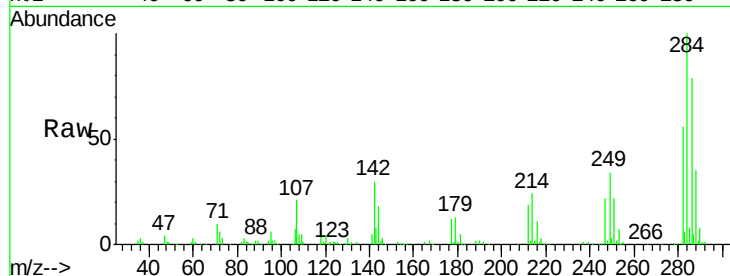
Tgt Ion:284 Resp: 148414

Ion Ratio Lower Upper

284 100

142 29.9 26.8 40.2

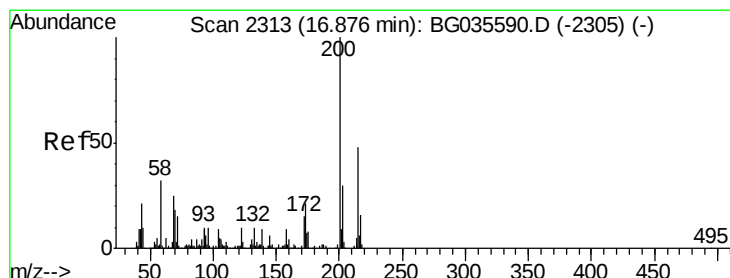
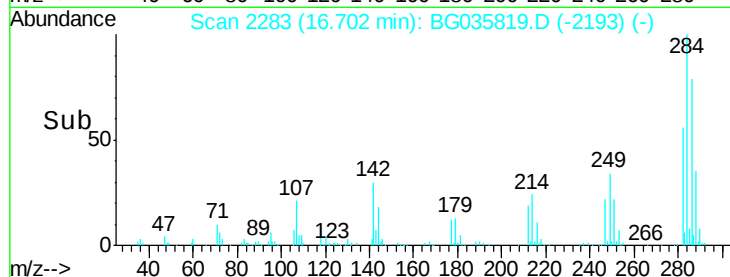
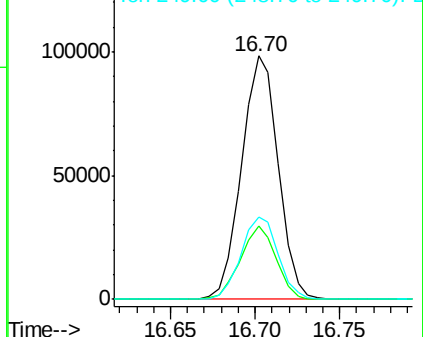
249 33.8 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.854 ng

RT: 16.85 min Scan# 2308

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

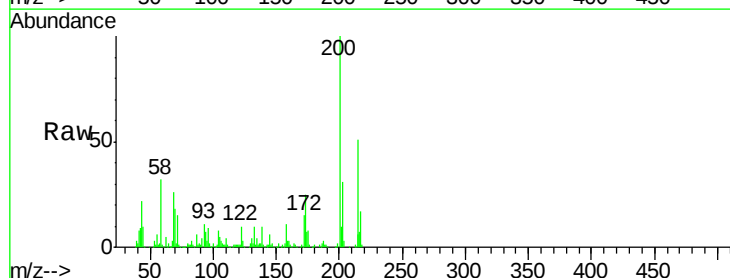
Tgt Ion:200 Resp: 154441

Ion Ratio Lower Upper

200 100

173 24.7 5.2 45.2

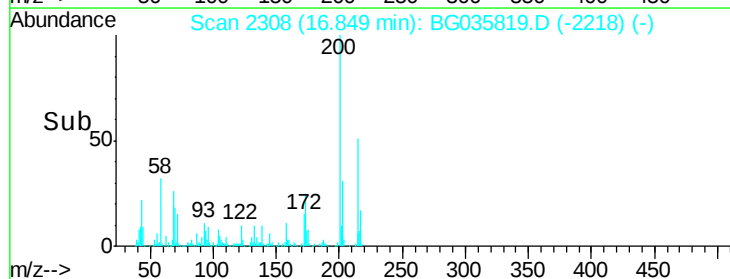
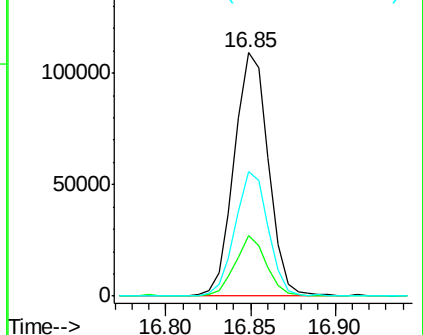
215 50.9 30.4 70.4

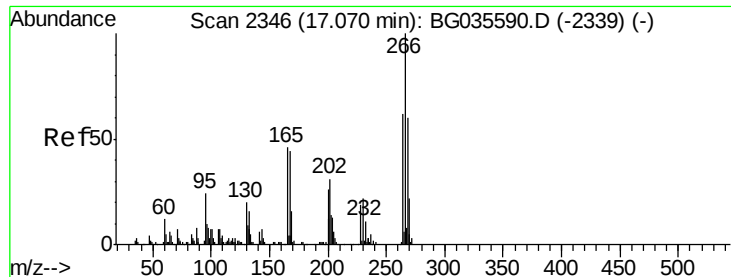


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

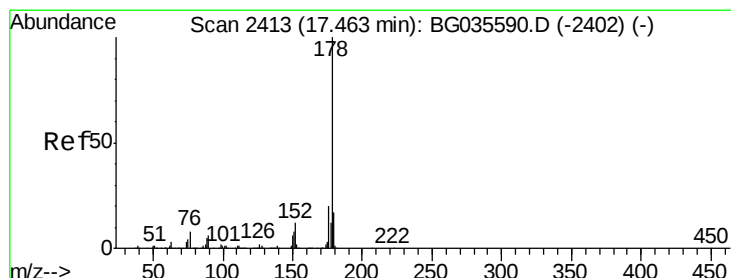
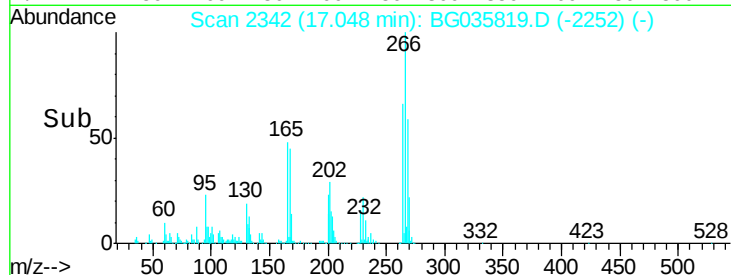
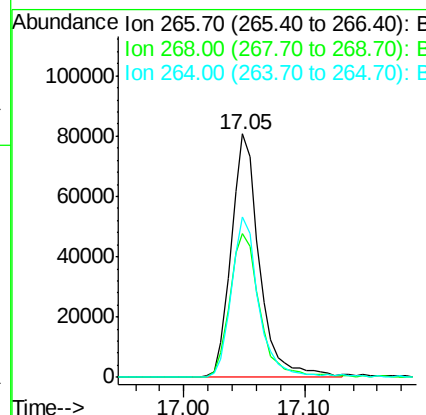
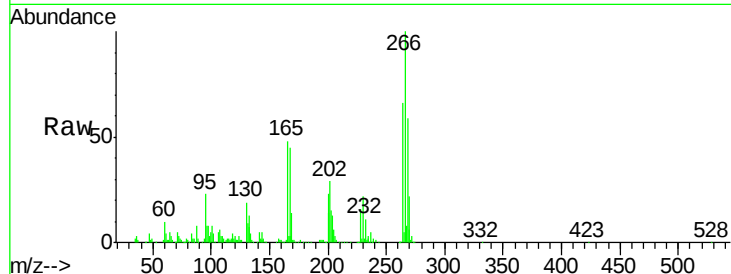




#69
 Pentachlorophenol
 Concen: 66.723 ng
 RT: 17.05 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

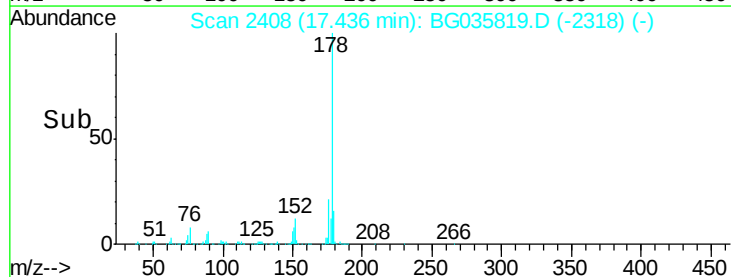
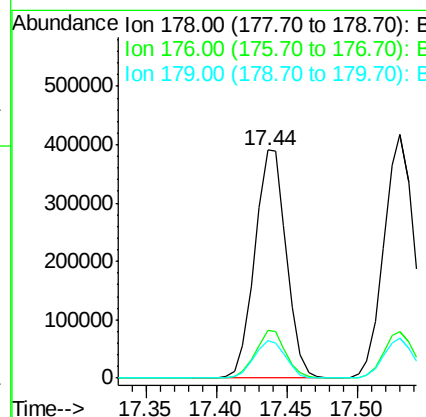
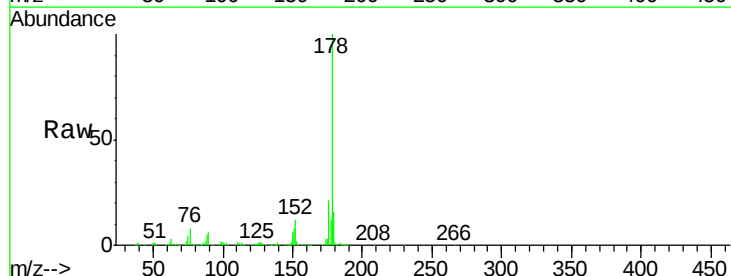
Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

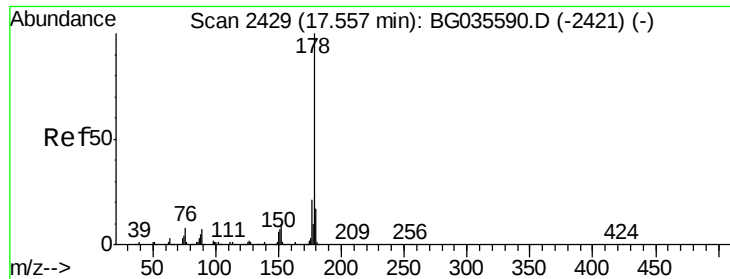
Tgt Ion:266 Resp: 130977
 Ion Ratio Lower Upper
 266 100
 268 58.9 51.1 76.7
 264 65.7 49.6 74.4



#70
 Phenanthrene
 Concen: 45.637 ng
 RT: 17.44 min Scan# 2408
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion:178 Resp: 614268
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.7 23.5
 179 16.3 12.5 18.7

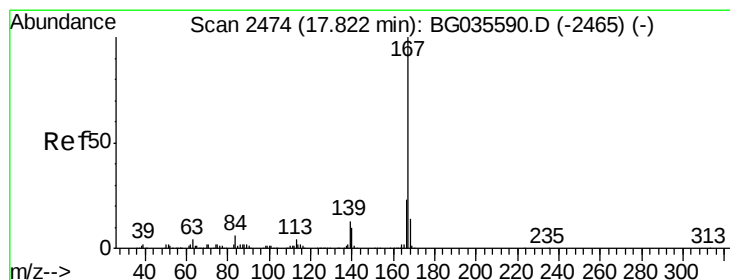
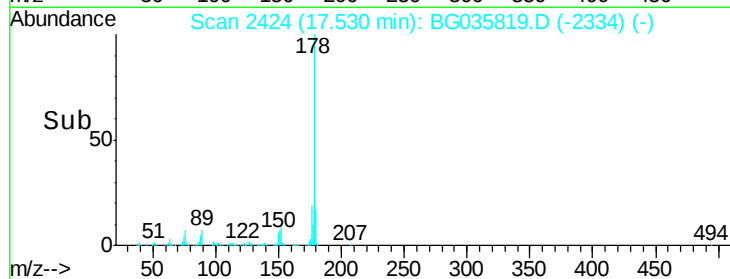
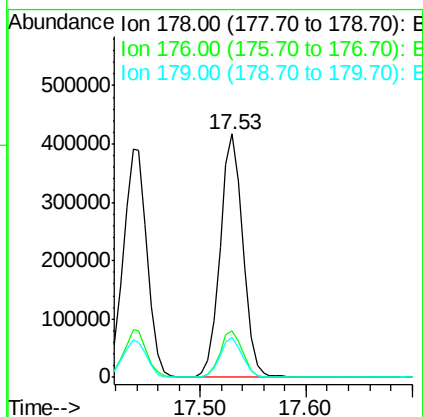
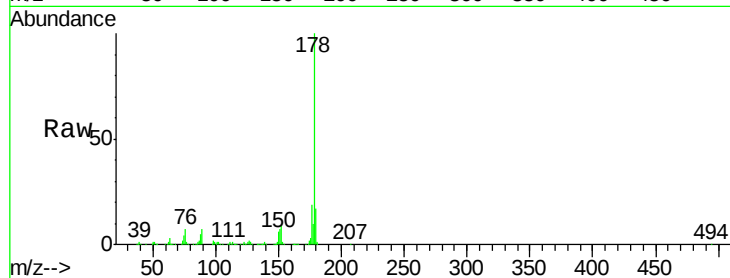




#71
 Anthracene
 Concen: 46.437 ng
 RT: 17.53 min Scan# 2424
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

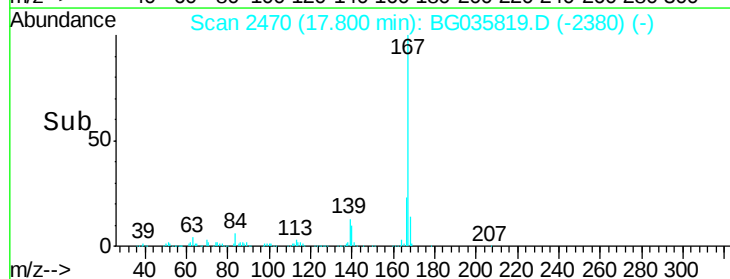
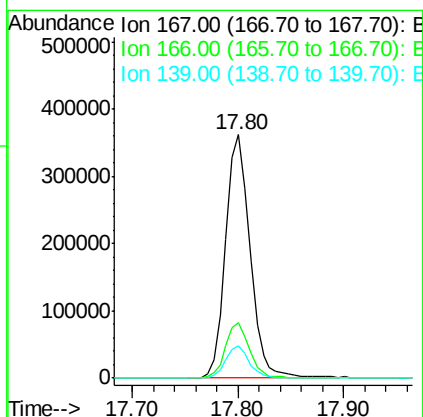
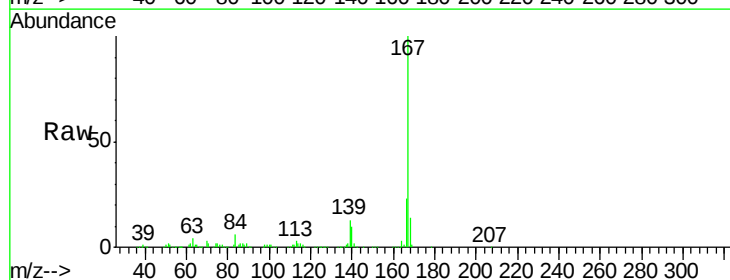
Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

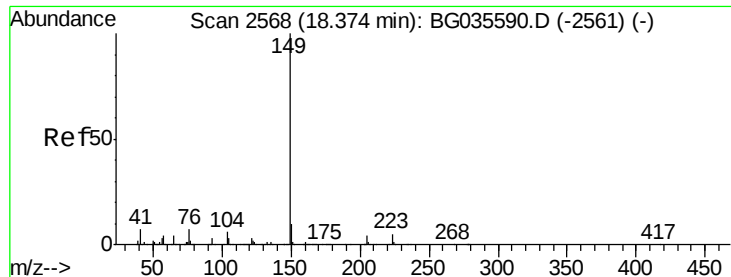
Tgt Ion:178 Resp: 622365
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 45.706 ng
 RT: 17.80 min Scan# 2470
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion:167 Resp: 581741
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 13.3 9.4 14.2

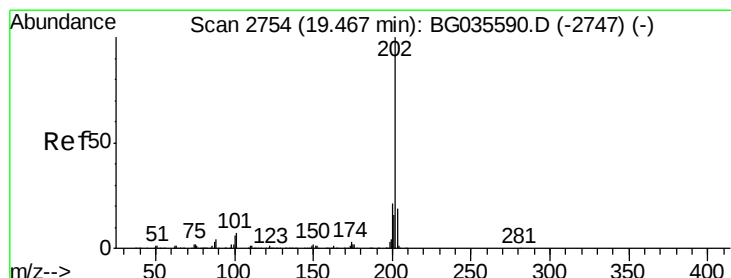
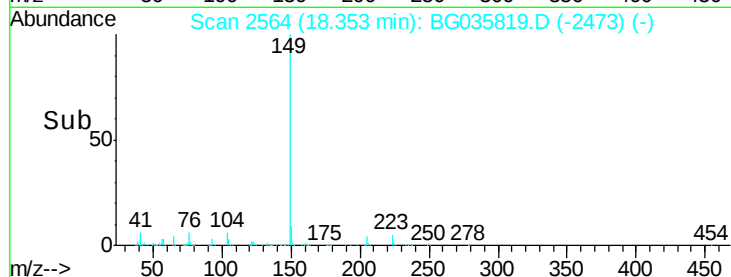
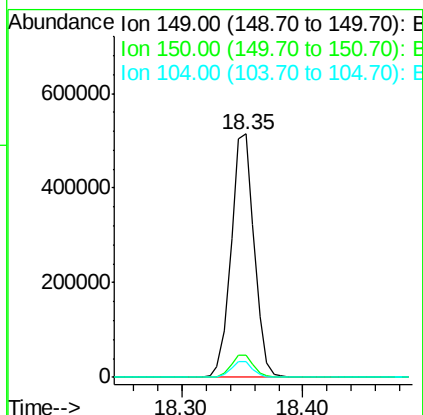
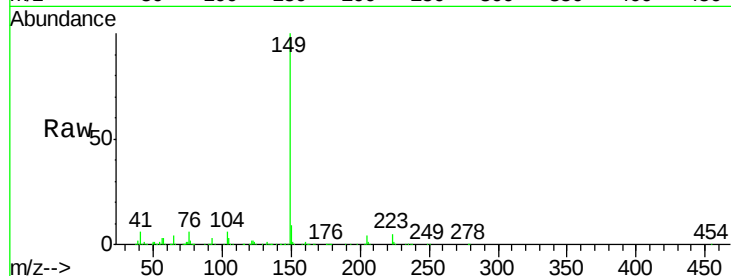




#73
Di-n-butylphthalate
Concen: 45.396 ng
RT: 18.35 min Scan# 2564
Delta R.T. 0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

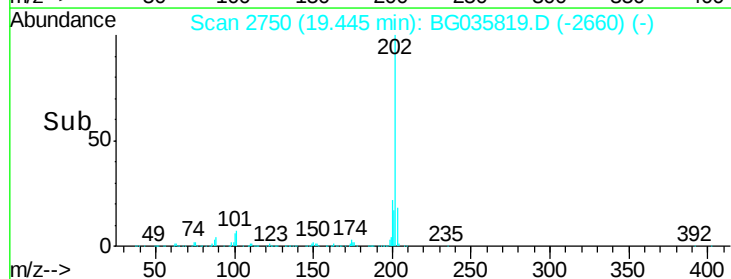
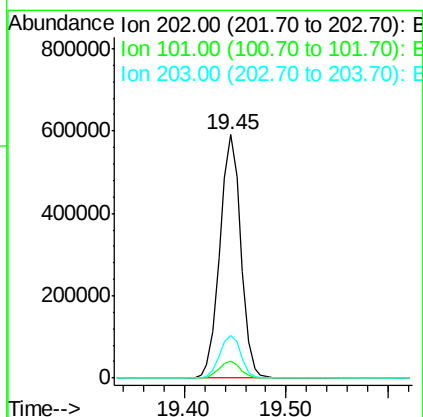
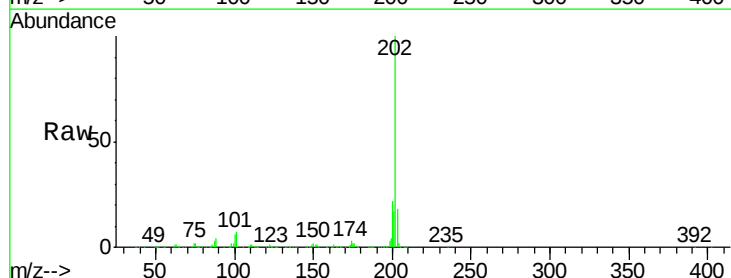
Instrument :
BNA_G
ClientSampleId :
PB111232BS

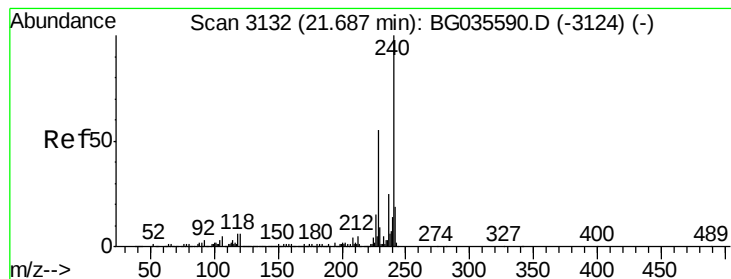
Tgt Ion:149 Resp: 682799
Ion Ratio Lower Upper
149 100
150 9.3 7.8 11.6
104 6.2 3.9 5.9#



#74
Fluoranthene
Concen: 46.890 ng
RT: 19.45 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion:202 Resp: 850125
Ion Ratio Lower Upper
202 100
101 6.9 0.0 28.9
203 17.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

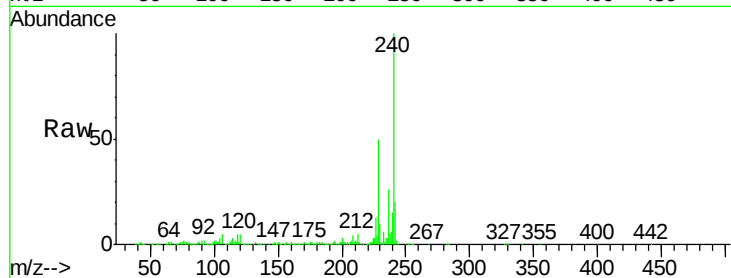
Tgt Ion:240 Resp: 312205

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

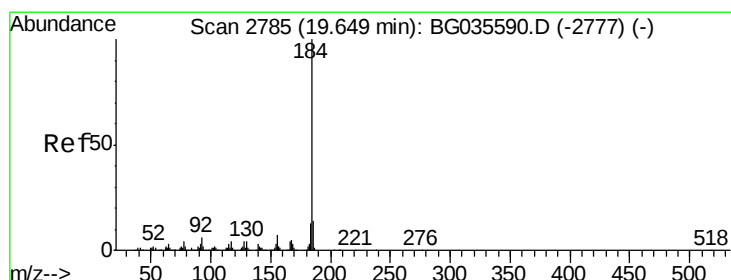
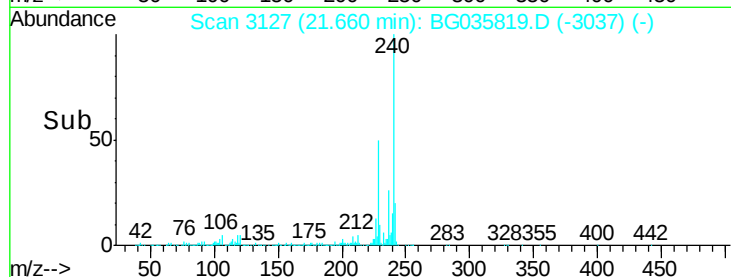
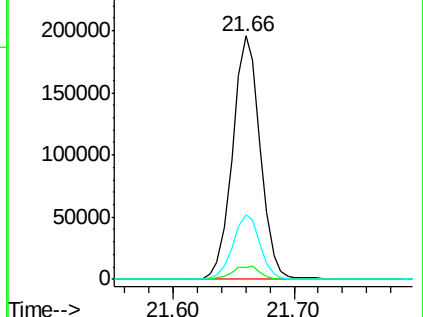
236 26.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.757 ng

RT: 19.63 min Scan# 2781

Delta R.T. 0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

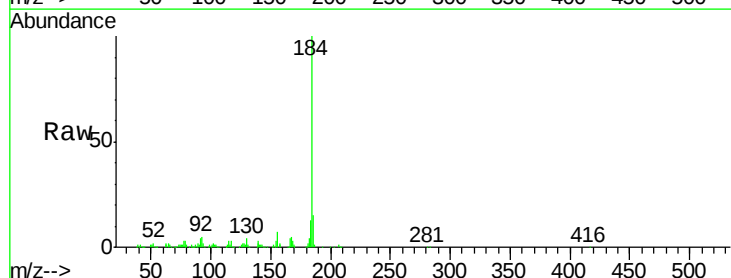
Tgt Ion:184 Resp: 162165

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

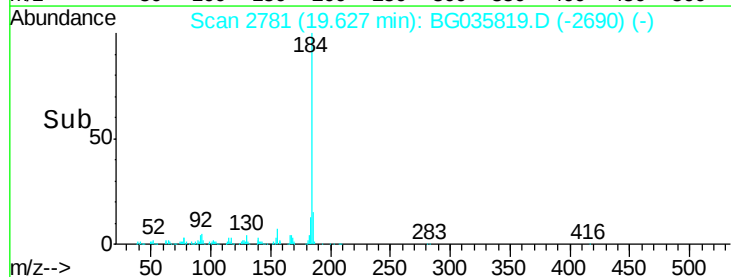
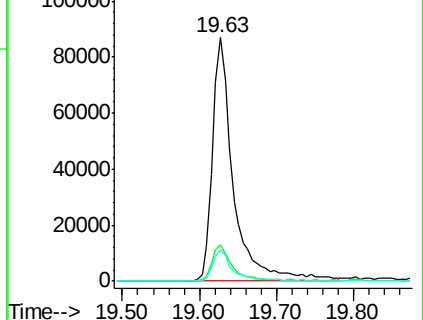
183 13.0 10.6 16.0

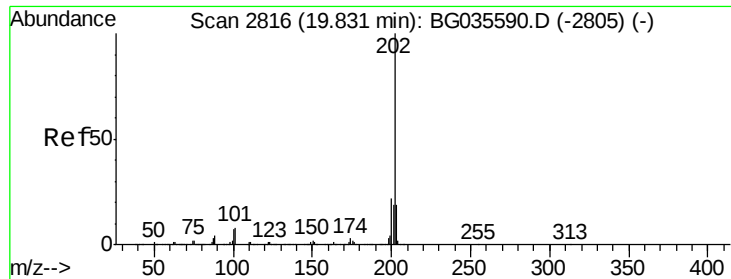


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

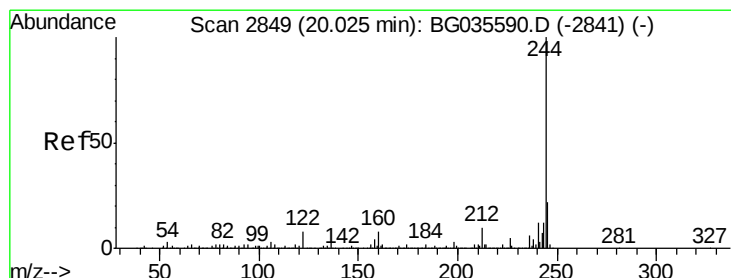
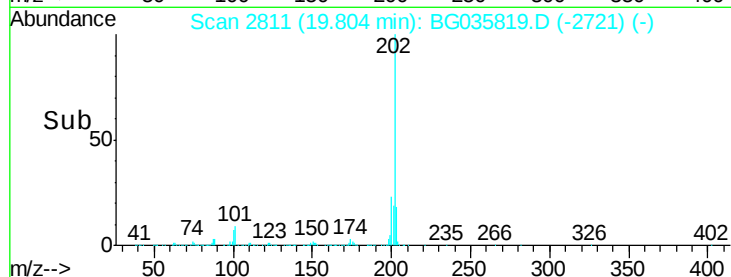
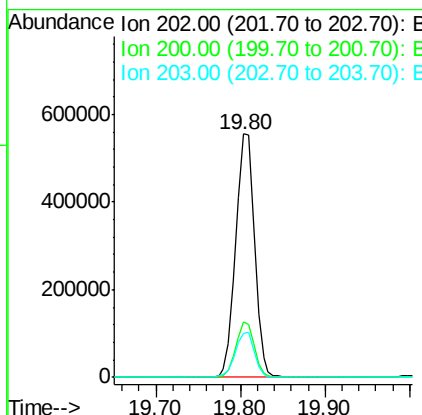
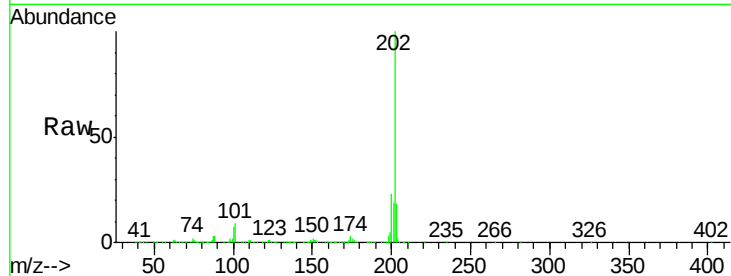




#77
 Pyrene
 Concen: 42.978 ng
 RT: 19.80 min Scan# 2811
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

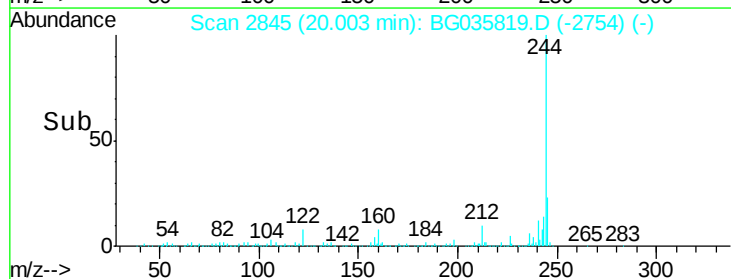
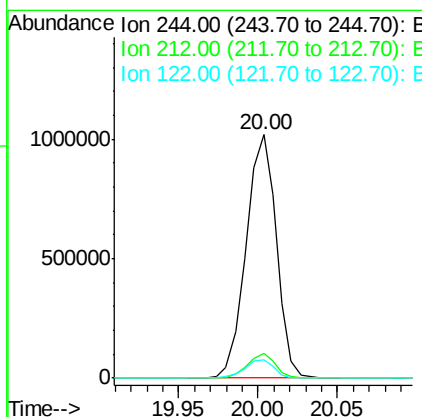
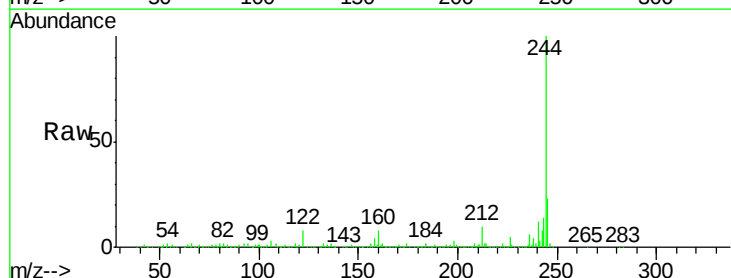
Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

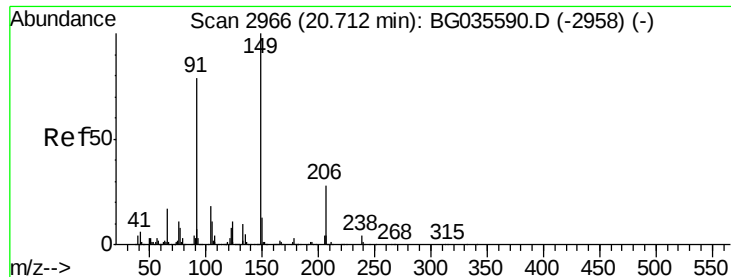
Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.9	25.3
203	17.9	13.9	20.9



#78
 Terphenyl-d14
 Concen: 95.137 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.8#
122	7.6	7.0	10.4

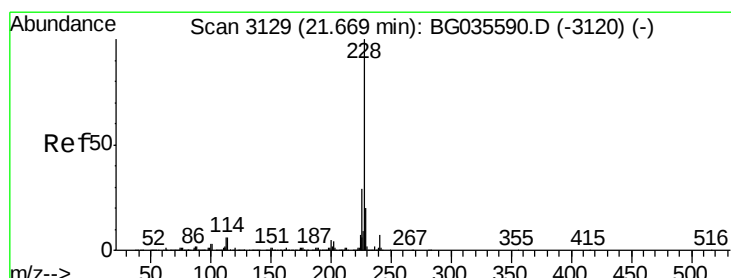
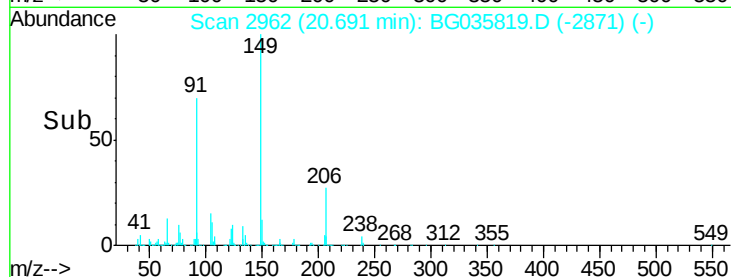
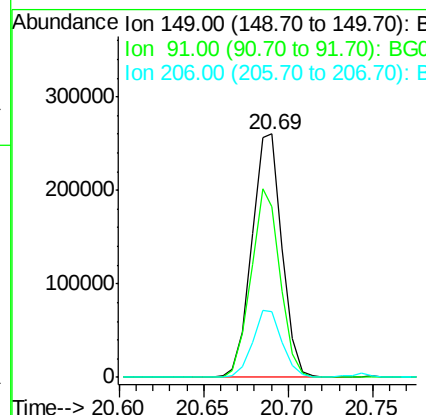
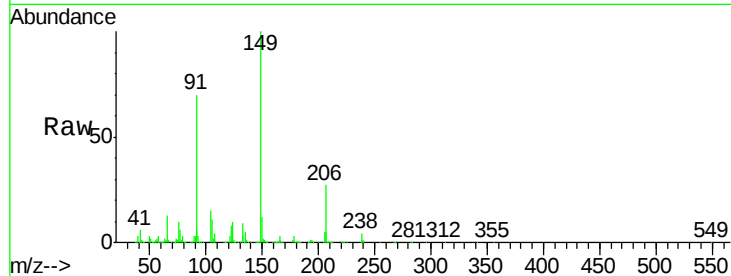




#79
Butylbenzylphthalate
Concen: 45.759 ng
RT: 20.69 min Scan# 2962
Delta R.T. 0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

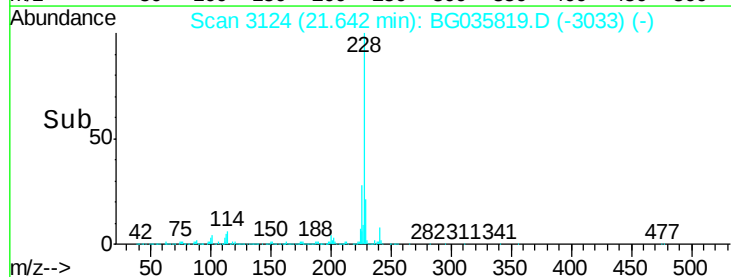
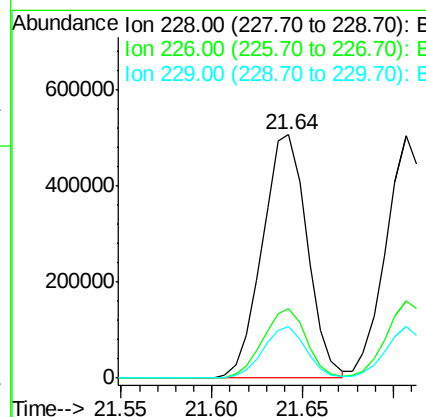
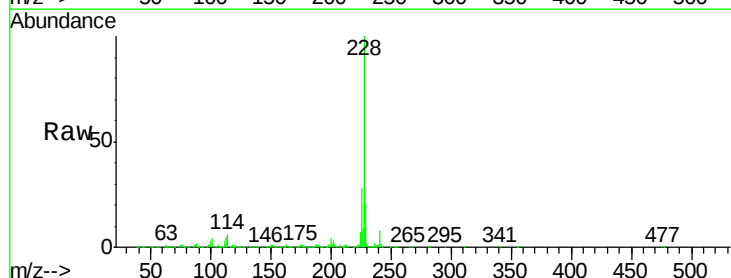
Instrument :
BNA_G
ClientSampleId :
PB111232BS

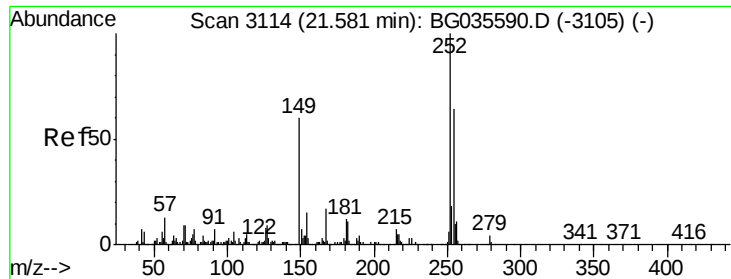
Tgt Ion:149 Resp: 323036
Ion Ratio Lower Upper
149 100
91 69.9 62.2 93.2
206 26.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 44.728 ng
RT: 21.64 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion:228 Resp: 870212
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 21.3 16.2 24.2

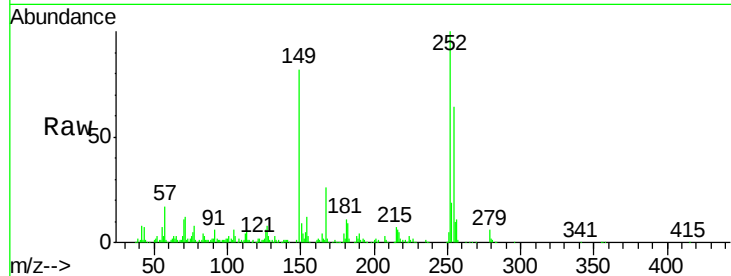




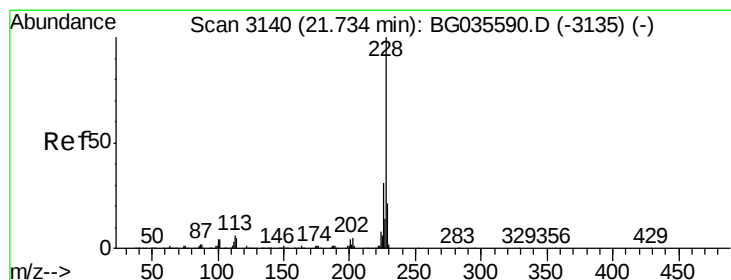
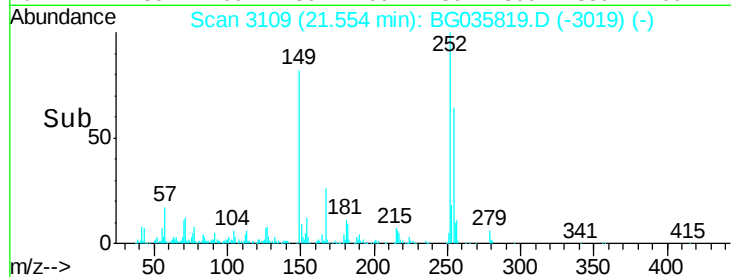
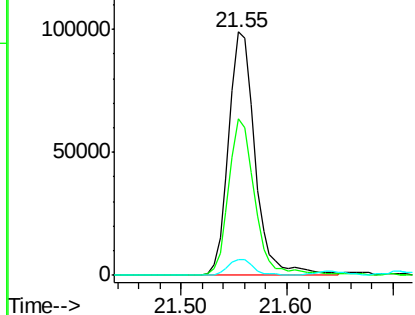
#81
 3,3'-Dichlorobenzidine
 Concen: 25.219 ng
 RT: 21.55 min Scan# 3109
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

Tgt Ion:252 Resp: 171079
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.8 76.2
 126 6.5 7.4 11.2#

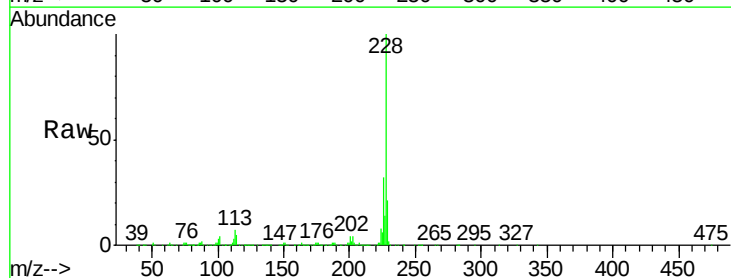


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

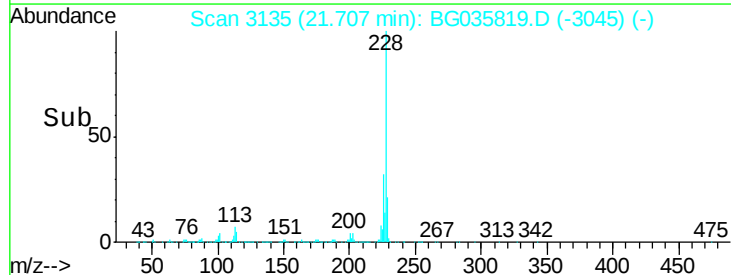
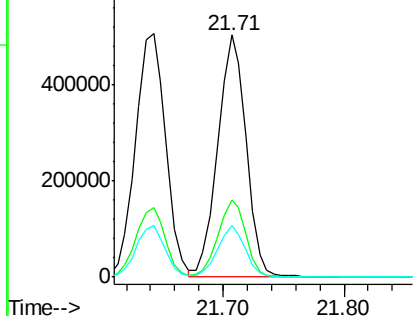


#82
 Chrysene
 Concen: 45.098 ng
 RT: 21.71 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion:228 Resp: 813078
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 21.3 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.027 ng

RT: 21.54 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

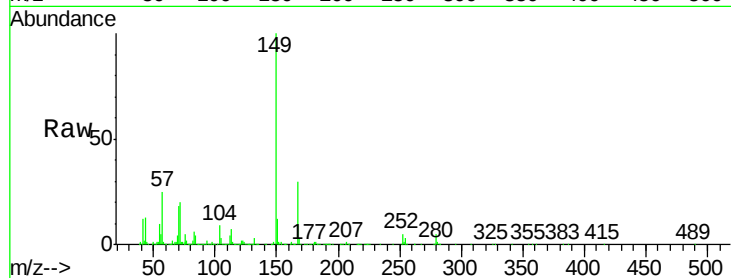
Tgt Ion:149 Resp: 441742

Ion Ratio Lower Upper

149 100

167 30.1 24.3 36.5

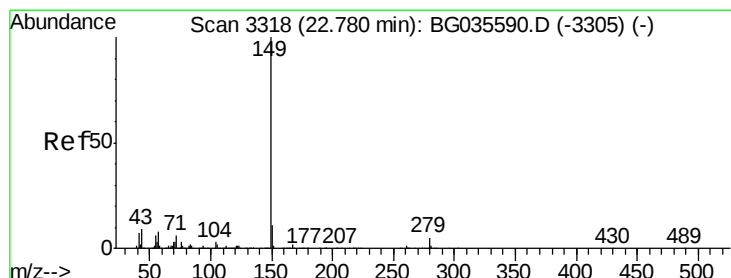
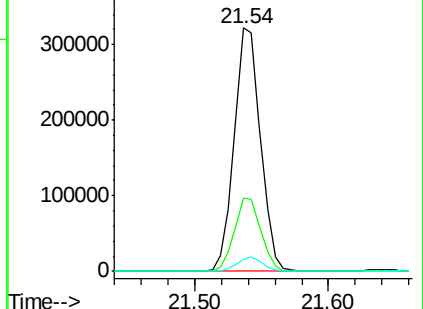
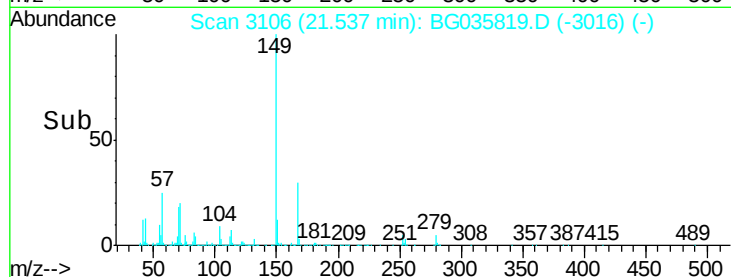
279 4.9 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.240 ng

RT: 22.74 min Scan# 3311

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

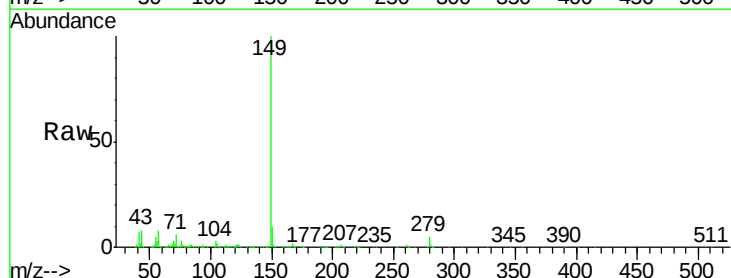
Tgt Ion:149 Resp: 759134

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

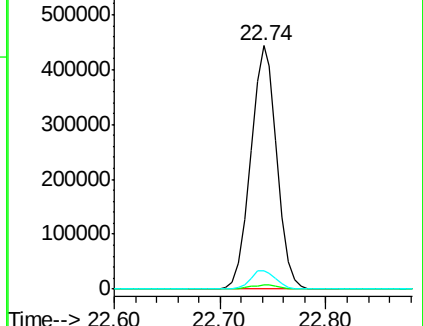
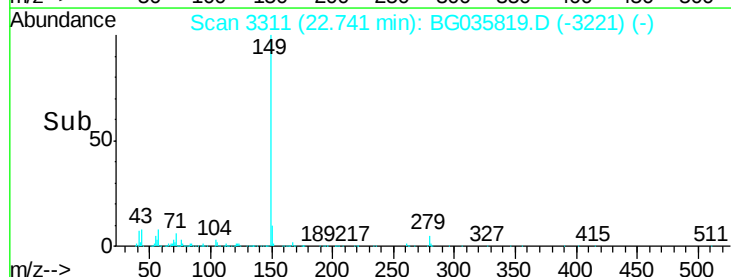
43 7.6 8.9 13.3#

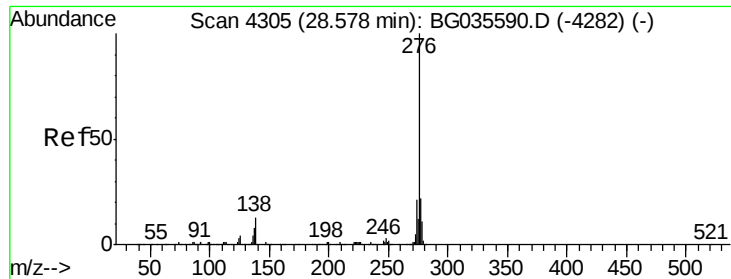


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

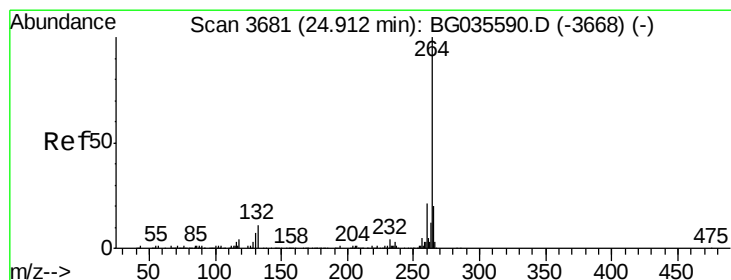
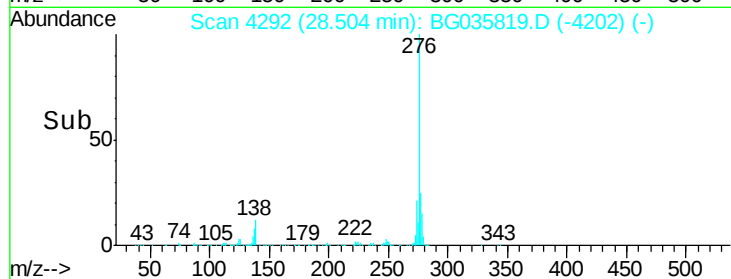
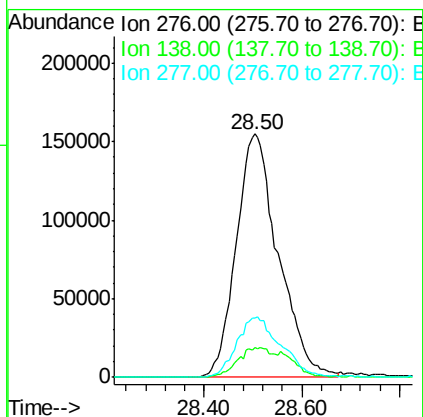
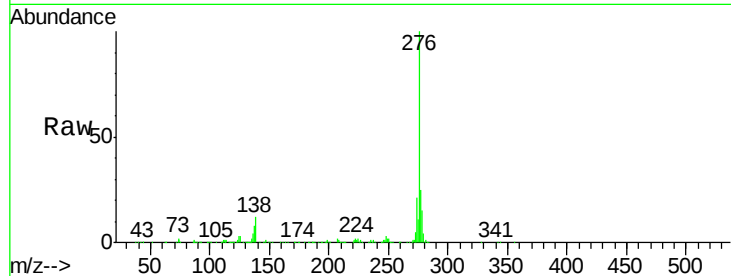




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.434 ng
 RT: 28.50 min Scan# 4292
 Delta R.T. -0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

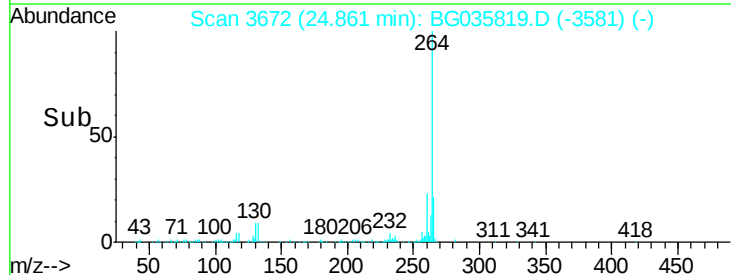
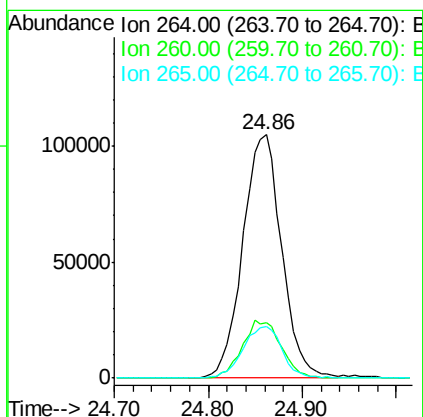
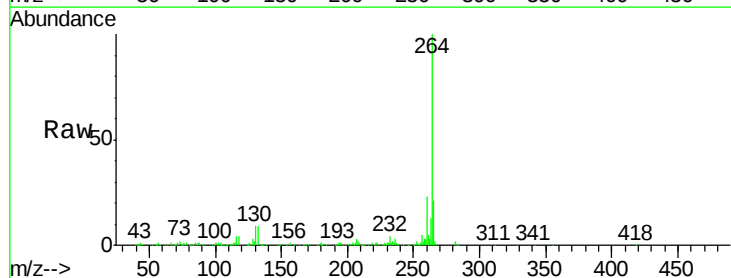
Instrument :
 BNA_G
 ClientSampleId :
 PB111232BS

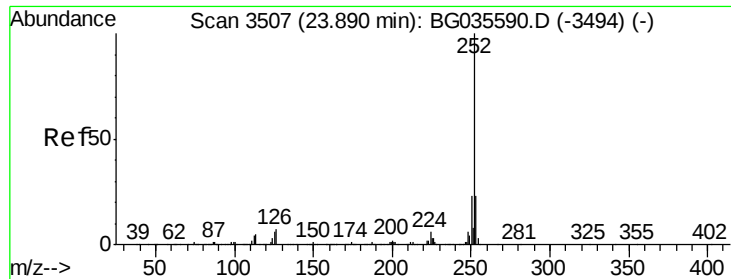
Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.3	16.0	24.0#
277	25.8	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3672
 Delta R.T. 0.00 min
 Lab File: BG035819.D
 Acq: 21 Jul 2018 14:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.4	17.7	26.5

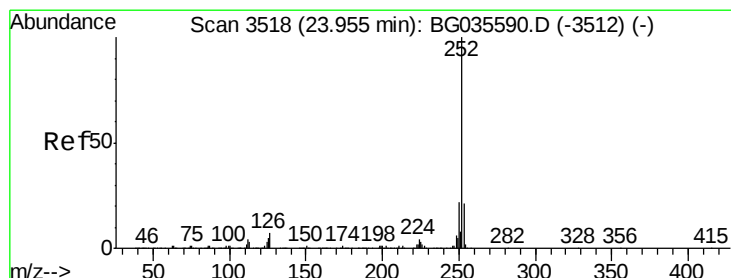
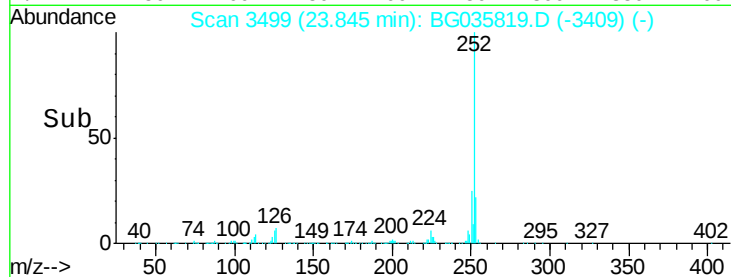
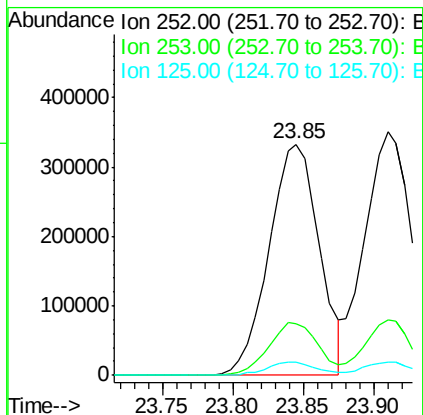
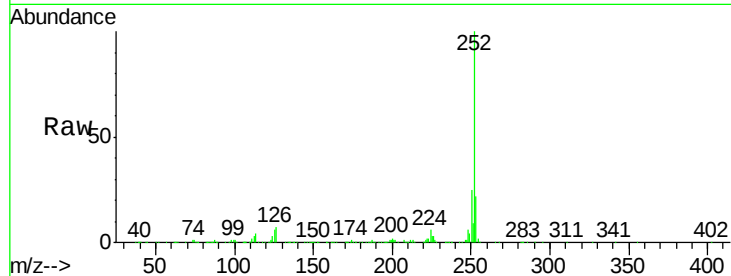




#87
Benzo(b)fluoranthene
Concen: 45.254 ng
RT: 23.85 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

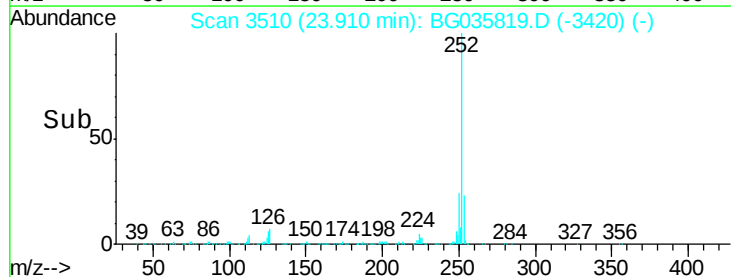
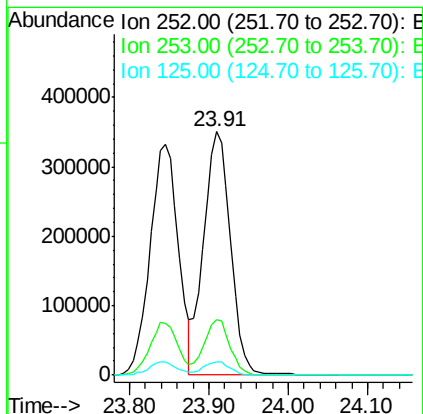
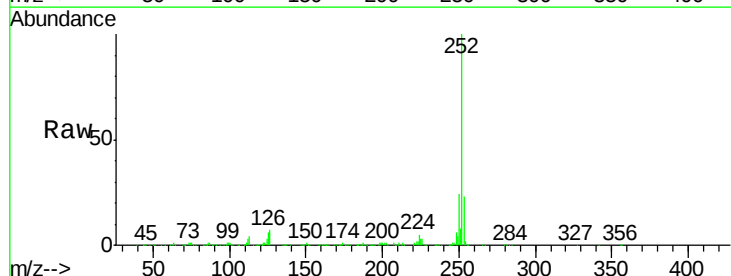
Instrument :
BNA_G
ClientSampleId :
PB111232BS

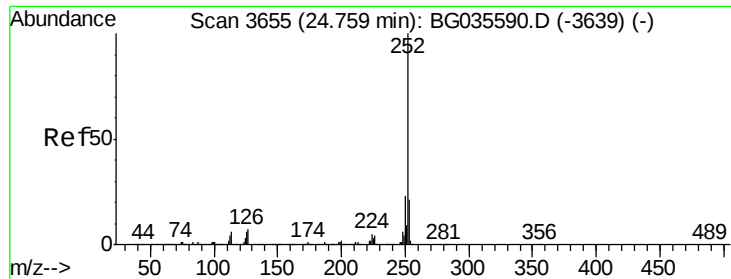
Tgt Ion:252 Resp: 824047
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 5.7 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 46.333 ng
RT: 23.91 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG035819.D
Acq: 21 Jul 2018 14:15

Tgt Ion:252 Resp: 824816
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 5.6 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 47.356 ng

RT: 24.71 min Scan# 3646

Delta R.T. -0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

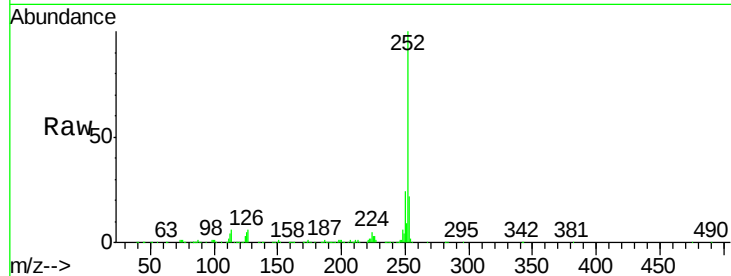
Tgt Ion:252 Resp: 802228

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

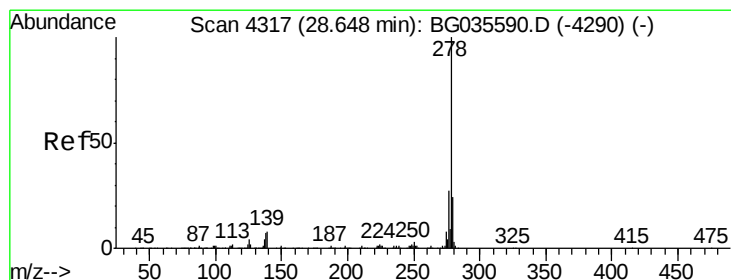
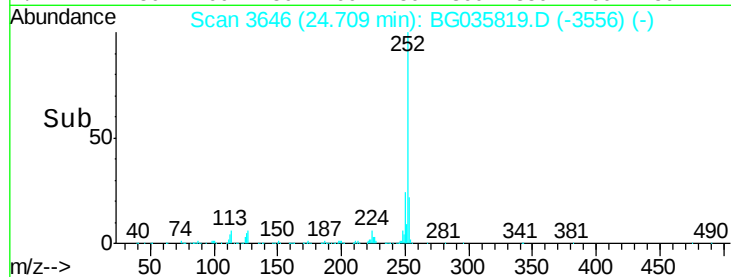
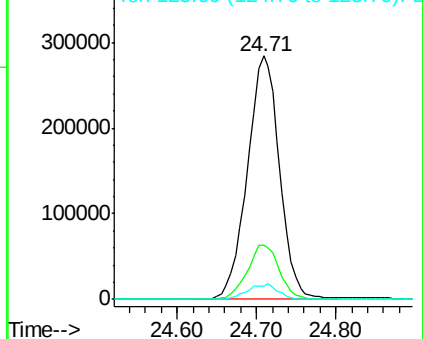
125 5.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.521 ng

RT: 28.57 min Scan# 4304

Delta R.T. 0.00 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

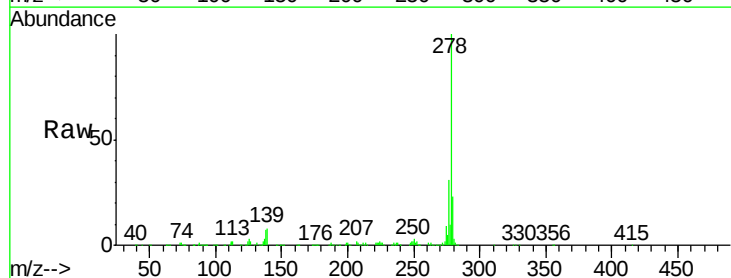
Tgt Ion:278 Resp: 773697

Ion Ratio Lower Upper

278 100

139 8.4 9.8 14.6#

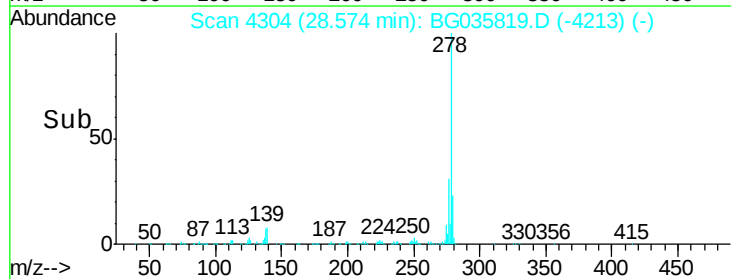
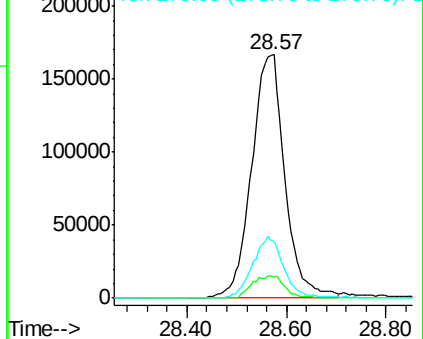
279 23.2 18.4 27.6

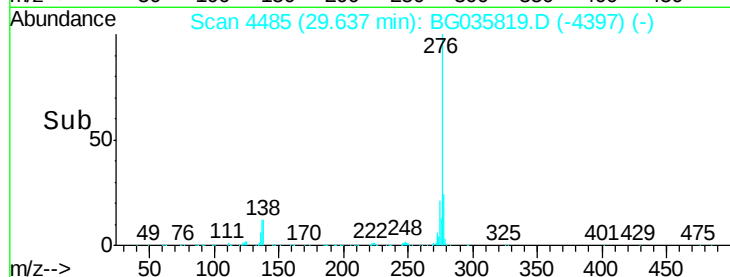
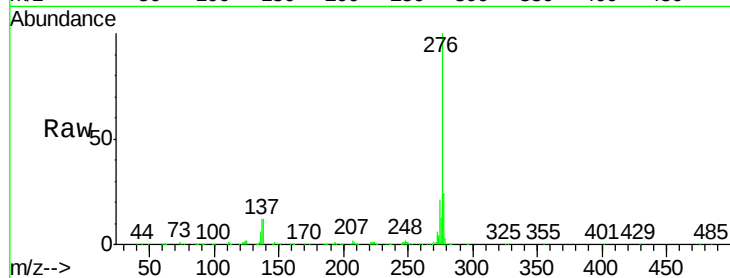
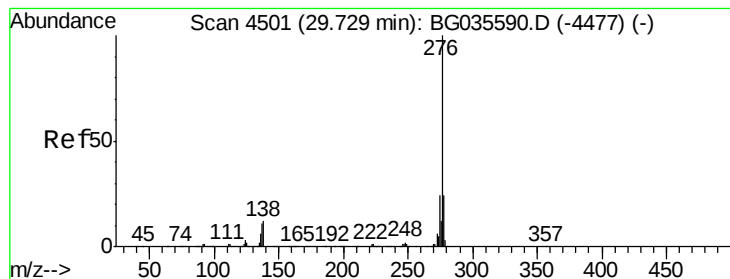


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 47.021 ng

RT: 29.64 min Scan# 4485

Delta R.T. -0.01 min

Lab File: BG035819.D

Acq: 21 Jul 2018 14:15

Instrument :

BNA_G

ClientSampleId :

PB111232BS

Tgt Ion: 276 Resp: 765246

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 11.6 13.9 20.9#

