

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
 Data File : BG040387.D
 Acq On : 5 Apr 2019 21:45
 Operator : JU/SJ
 Sample : PB118634BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

Quant Time: Apr 05 23:38:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	64610	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	259354	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	162190	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	407354	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	456415	20.00	ng	-0.03
87) Perylene-d12	24.97	264	455980	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	516964	133.01	ng	-0.02
7) Phenol-d6	7.21	99	694292	129.26	ng	-0.02
23) Nitrobenzene-d5	9.22	82	421255	86.33	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	251811	143.66	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	939845	85.86	ng	-0.02
79) Terphenyl-d14	20.02	244	1587795	78.26	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	67820	37.111	ng	98
3) Pyridine	3.89	79	163002	33.127	ng	98
4) n-Nitrosodimethylamine	3.82	42	86042	37.803	ng	# 88
6) Aniline	7.37	93	194133	27.819	ng	97
8) 2-Chlorophenol	7.61	128	178959	39.336	ng	98
9) Benzaldehyde	7.19	77	108120	29.346	ng	98
10) Phenol	7.23	94	233524	40.055	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	176456	37.789	ng	98
12) 1,3-Dichlorobenzene	7.93	146	184785	37.363	ng	94
13) 1,4-Dichlorobenzene	8.08	146	187231	38.011	ng	97
14) 1,2-Dichlorobenzene	8.40	146	178292	37.850	ng	99
15) Benzyl Alcohol	8.29	79	159036	36.765	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.56	45	323636	36.113	ng	99
17) 2-Methylphenol	8.48	107	159133	39.446	ng	97
18) Hexachloroethane	9.12	117	69116	36.888	ng	95
19) n-Nitroso-di-n-propylamine	8.85	70	133673	34.711	ng	100
20) 3+4-Methylphenols	8.81	107	218892	40.052	ng	96
22) Acetophenone	8.88	105	269817	41.706	ng	# 98
24) Nitrobenzene	9.26	77	201720	39.923	ng	98
25) Isophorone	9.77	82	385839	38.432	ng	98
26) 2-Nitrophenol	9.97	139	98623	41.193	ng	97
27) 2,4-Dimethylphenol	10.02	122	180368	47.428	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	235370	39.627	ng	97
29) 2,4-Dichlorophenol	10.50	162	178120	43.150	ng	98
30) 1,2,4-Trichlorobenzene	10.71	180	184536	40.713	ng	97
31) Naphthalene	10.91	128	544528	40.961	ng	100
32) Benzoic acid	10.16	122	67732	29.478	ng	95
33) 4-Chloroaniline	11.03	127	143237	25.260	ng	96
34) Hexachlorobutadiene	11.17	225	111152	38.344	ng	96
35) Caprolactam	11.81	113	43269	26.414	ng	95
36) 4-Chloro-3-methylphenol	12.14	107	198256	41.778	ng	99
37) 2-Methylnaphthalene	12.51	142	404369	41.128	ng	99
38) 1-Methylnaphthalene	12.73	142	389642	40.869	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	204873	39.743	ng	98

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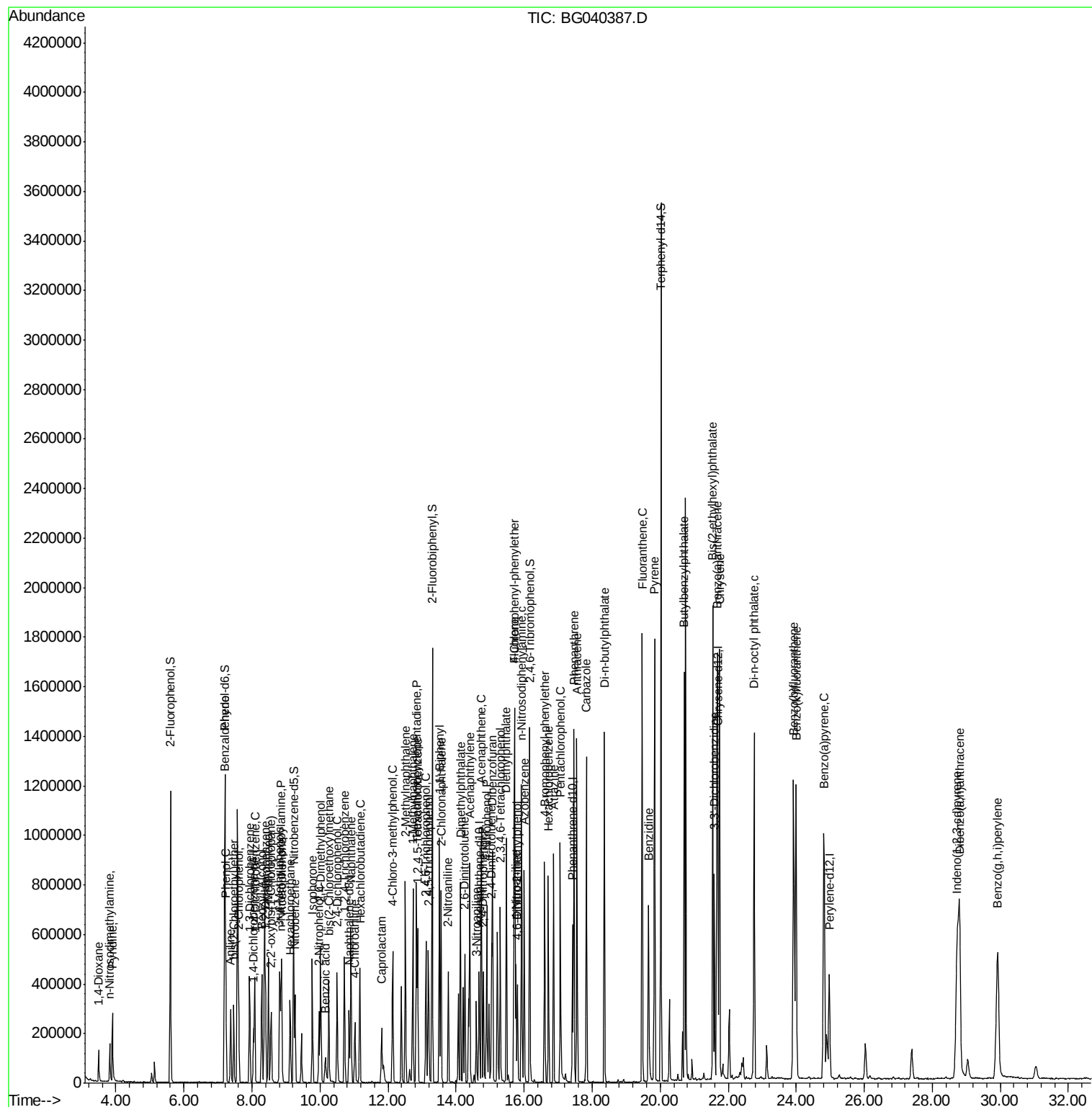
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	236335	83.497	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	141887	42.691	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	156604	43.230	ng	98
46) 1,1'-Biphenyl	13.51	154	518925	40.493	ng	98
47) 2-Chloronaphthalene	13.56	162	401340	40.828	ng	99
48) 2-Nitroaniline	13.77	65	135523	40.873	ng	97
49) Acenaphthylene	14.40	152	662070	39.724	ng	99
50) Dimethylphthalate	14.13	163	516422	40.684	ng	99
51) 2,6-Dinitrotoluene	14.26	165	117064	41.072	ng	94
52) Acenaphthene	14.74	154	384193	40.229	ng	99
53) 3-Nitroaniline	14.59	138	88129	29.211	ng	96
54) 2,4-Dinitrophenol	14.80	184	118206	77.983	ng	93
55) Dibenzofuran	15.07	168	630332	41.075	ng	100
56) 4-Nitrophenol	14.90	139	212960	87.459	ng	98
57) 2,4-Dinitrotoluene	15.04	165	172445	43.543	ng	99
58) Fluorene	15.72	166	491553	40.742	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	152620	46.427	ng	97
60) Diethylphthalate	15.48	149	544791	41.942	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	268226	41.591	ng	99
62) 4-Nitroaniline	15.76	138	140259	43.320	ng	97
63) Azobenzene	16.00	77	501943	40.967	ng	99
65) 4,6-Dinitro-2-methylphenol	15.80	198	95744	41.835	ng	97
66) n-Nitrosodiphenylamine	15.93	169	471921	39.590	ng	97
67) 4-Bromophenyl-phenylether	16.60	248	177907	38.809	ng	98
68) Hexachlorobenzene	16.72	284	183448	39.801	ng	98
69) Atrazine	16.87	200	175165	39.503	ng	98
70) Pentachlorophenol	17.07	266	205863	77.254	ng	95
71) Phenanthrene	17.47	178	876040	40.915	ng	99
72) Anthracene	17.55	178	891835	41.614	ng	99
73) Carbazole	17.83	167	870197	42.905	ng	99
74) Di-n-butylphthalate	18.36	149	1017807	42.336	ng	99
75) Fluoranthene	19.47	202	1126054	44.414	ng	99
77) Benzidine	19.66	184	460026	27.911	ng	98
78) Pyrene	19.83	202	1134844	37.810	ng	99
80) Butylbenzylphthalate	20.70	149	516091	40.183	ng	95
81) Benzo(a)anthracene	21.67	228	1078184	38.352	ng	98
82) 3,3'-Dichlorobenzidine	21.59	252	307609	28.764	ng	99
83) Chrysene	21.74	228	1072944	39.712	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	731705	39.854	ng	99
85) Di-n-octyl phthalate	22.77	149	1265814	40.467	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	1371796	41.513	ng	100
88) Benzo(b)fluoranthene	23.92	252	1192118	42.702	ng	98
89) Benzo(k)fluoranthene	23.99	252	1147657	44.703	ng	98
90) Benzo(a)pyrene	24.82	252	1167301	44.565	ng	98
91) Dibenzo(a,h)anthracene	28.79	278	1108642	45.572	ng	99
92) Benzo(g,h,i)perylene	29.92	276	1139627	45.583	ng	98

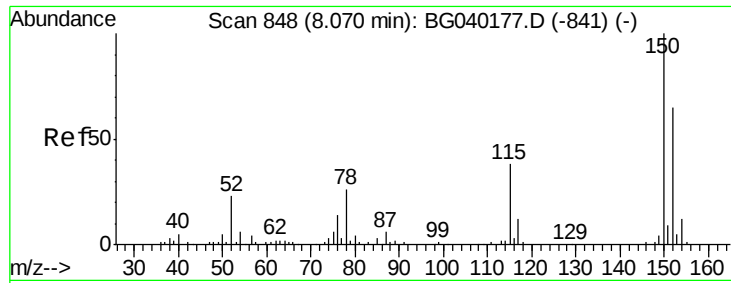
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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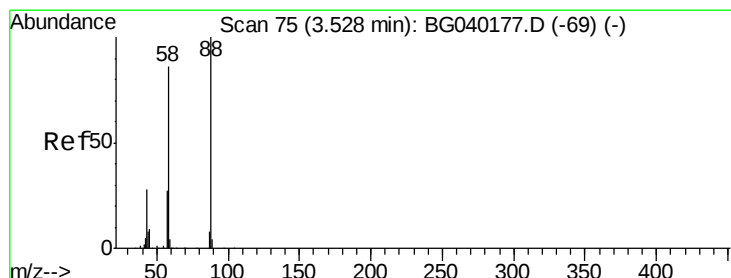
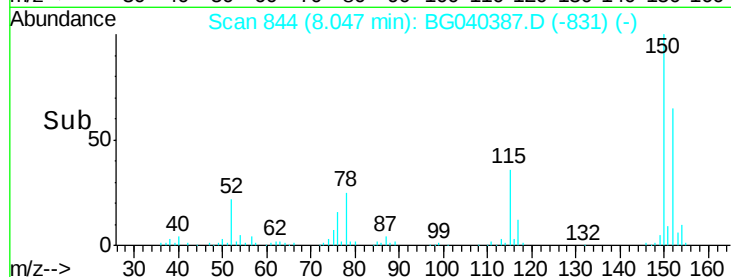
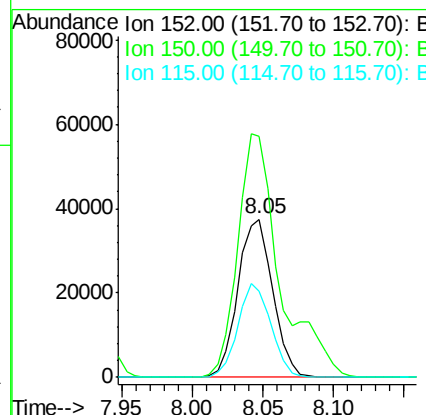
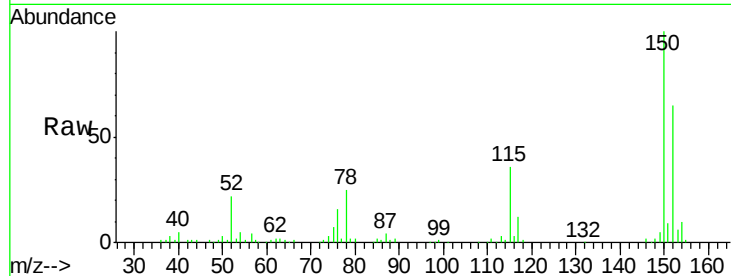




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

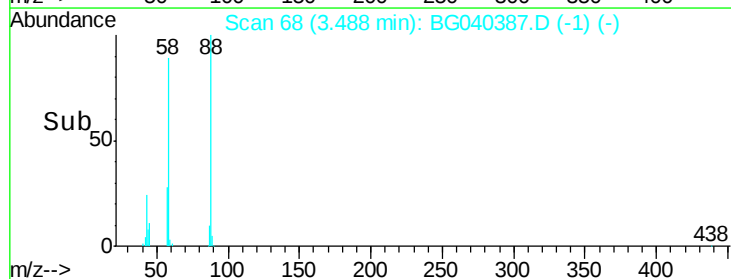
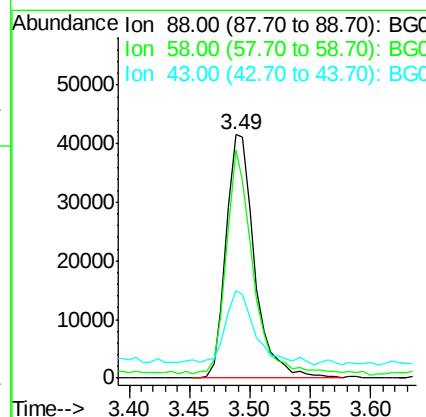
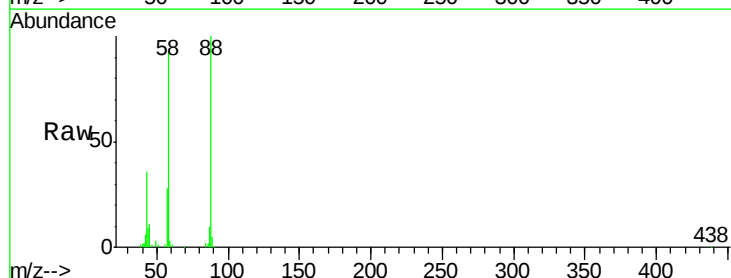
Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

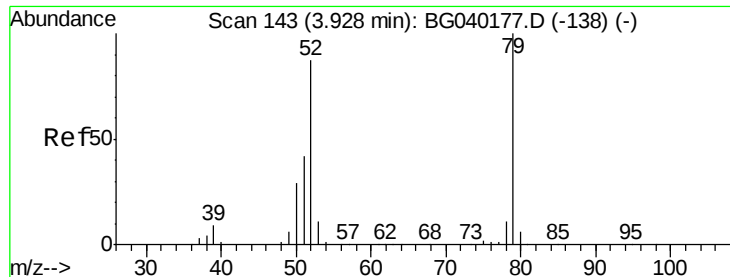
Tot Ion:152 Resp: 64610
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.7 185.5
 115 54.8 46.9 70.3



#2
 1,4-Dioxane
 Concen: 37.111 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.04 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Tgt Ion: 88 Resp: 67820
 Ion Ratio Lower Upper
 88 100
 58 86.5 70.6 106.0
 43 31.5 24.8 37.2





#3

Pvridine

Concen: 33.127 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

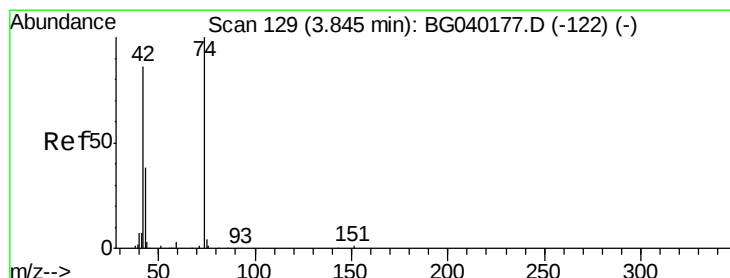
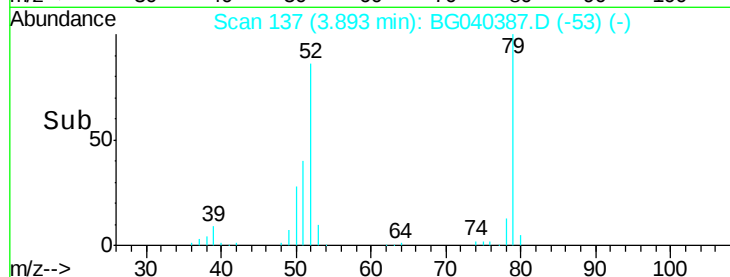
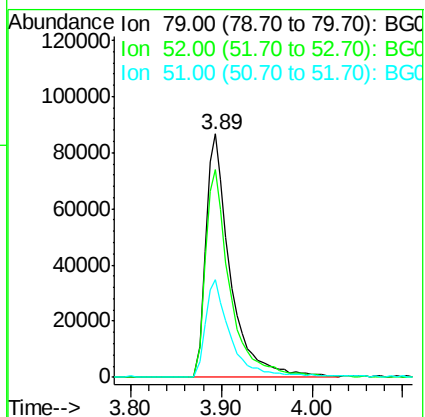
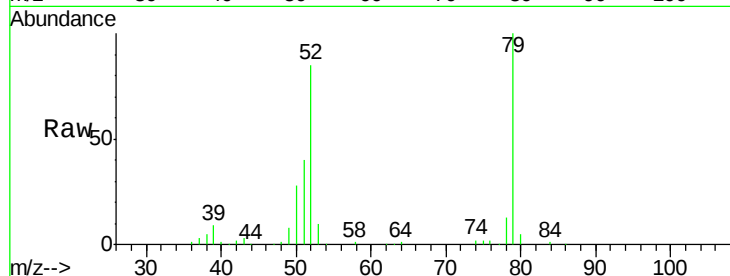
Tot Ion: 79 Resp: 163002

Ion Ratio Lower Upper

79 100

52 85.4 69.8 104.8

51 40.2 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.803 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

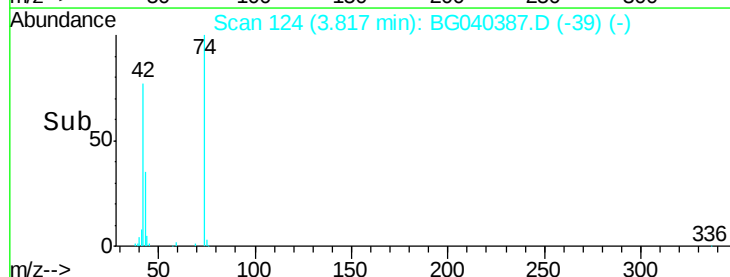
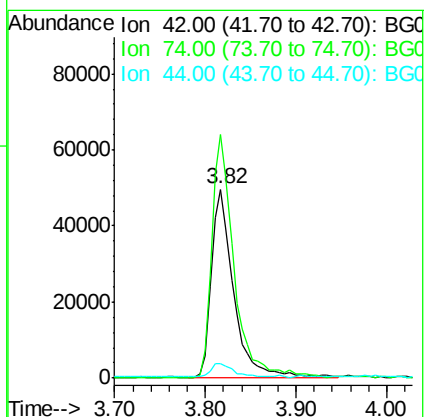
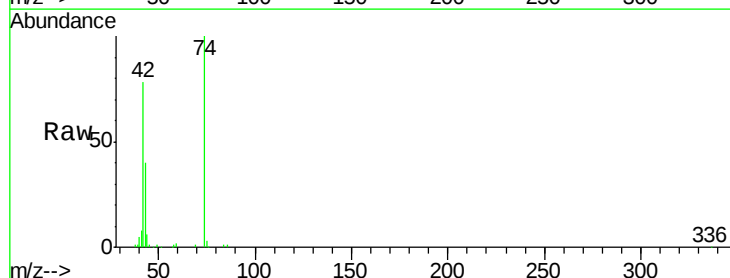
Tgt Ion: 42 Resp: 86042

Ion Ratio Lower Upper

42 100

74 128.9 92.9 139.3

44 7.3 9.7 14.5#





#5

2-Fluorophenol

Concen: 133.015 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

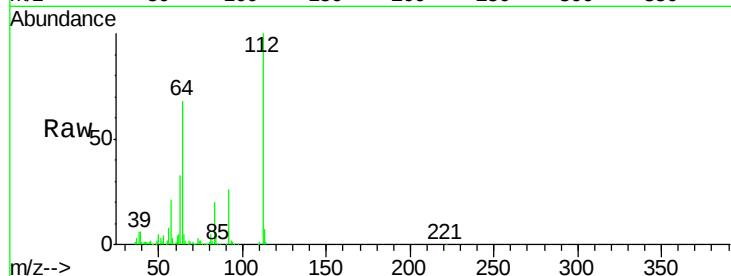
Tot Ion:112 Resp: 516964

Ion Ratio Lower Upper

112 100

64 67.8 54.2 81.2

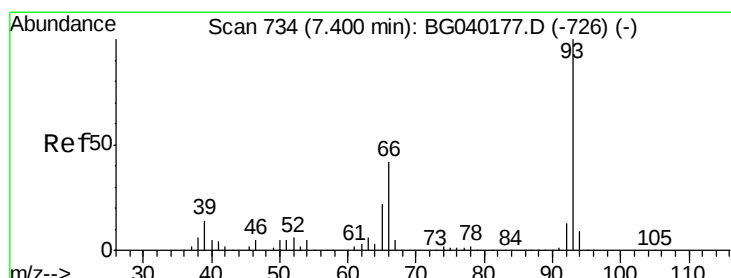
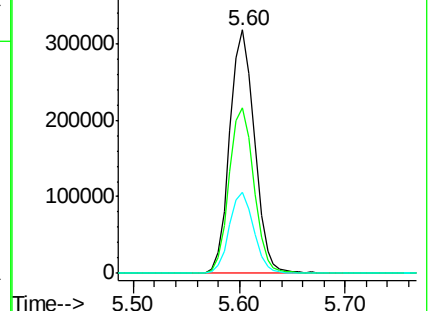
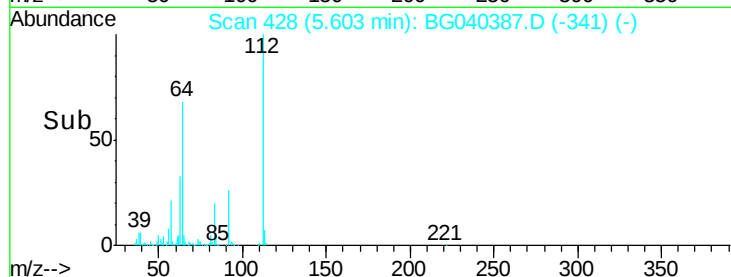
63 33.2 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 27.819 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

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Acq: 5 Apr 2019 21:45

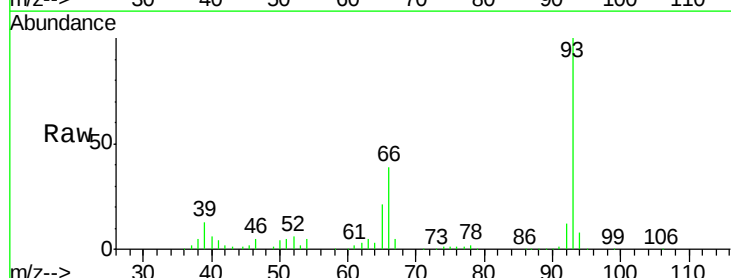
Tgt Ion: 93 Resp: 194133

Ion Ratio Lower Upper

93 100

66 39.4 33.6 50.4

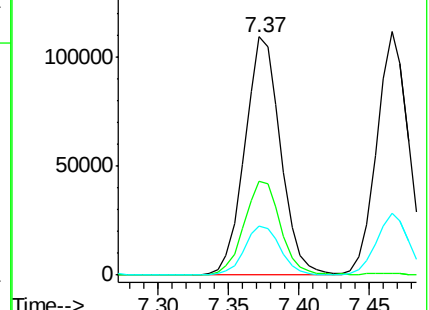
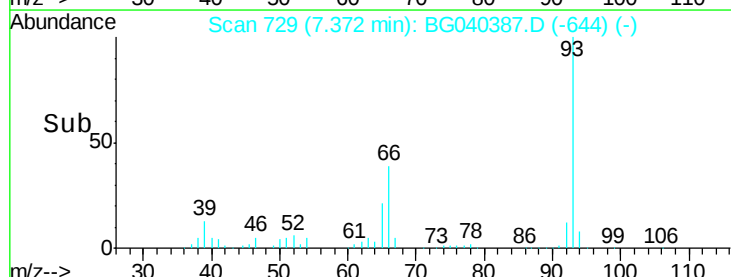
65 20.8 17.4 26.2



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: 129.261 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

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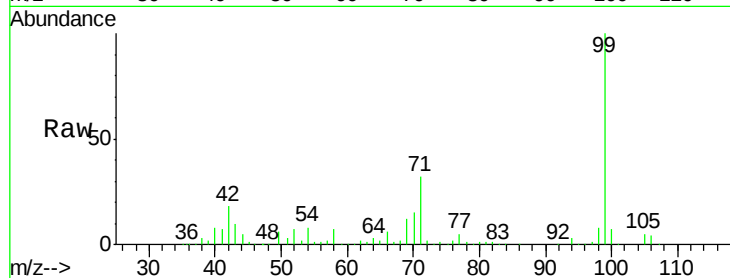
Tot Ion: 99 Resp: 694292

Ion Ratio Lower Upper

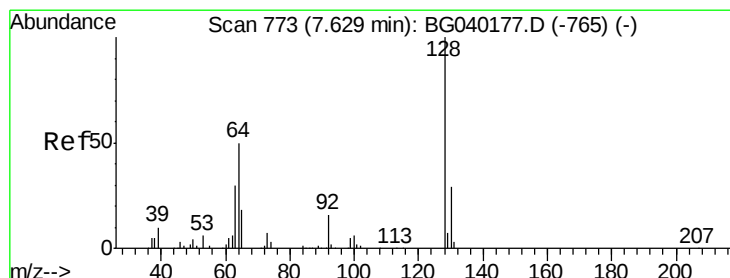
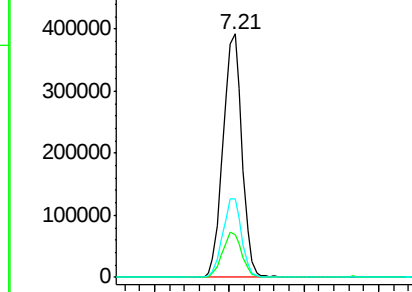
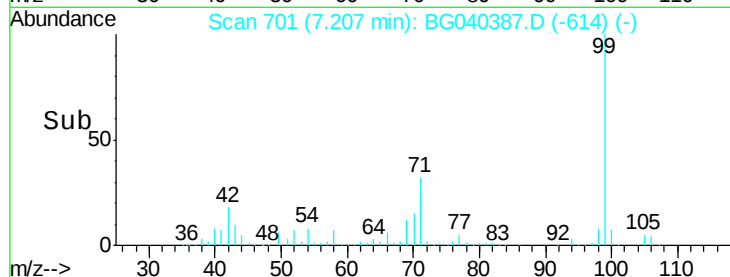
99 100

42 17.8 16.2 24.2

71 32.5 26.8 40.2



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: 39.336 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

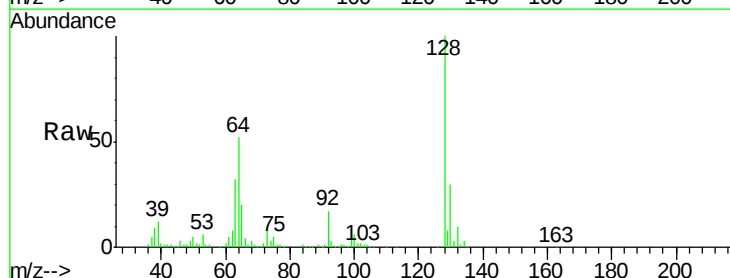
Tgt Ion: 128 Resp: 178959

Ion Ratio Lower Upper

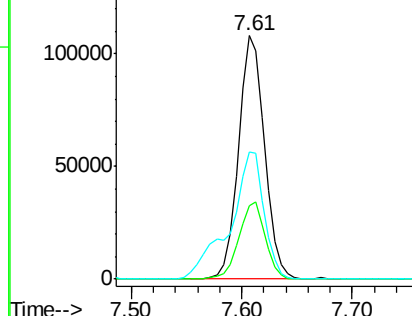
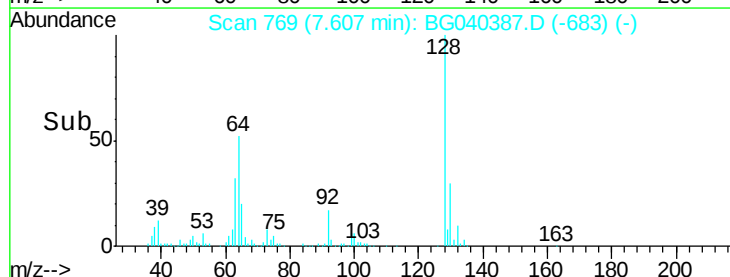
128 100

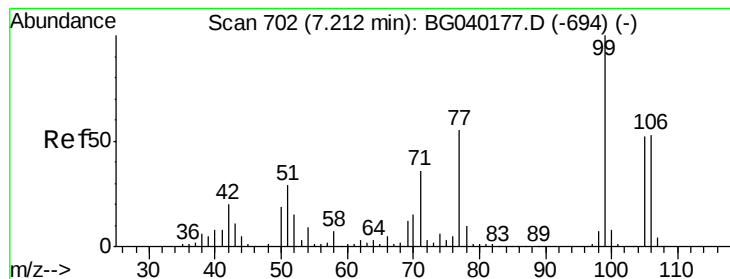
130 30.4 9.1 49.1

64 52.1 33.1 73.1



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: 29.346 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.02 min

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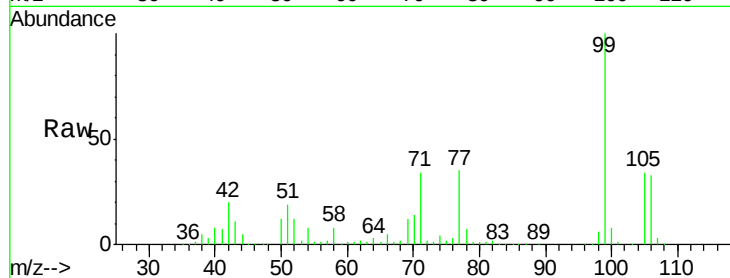
Tot Ion: 77 Resp: 108120

Ion Ratio Lower Upper

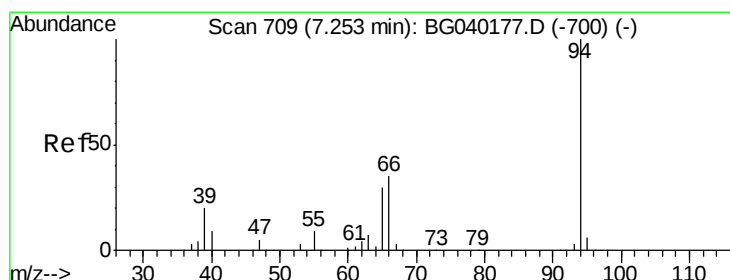
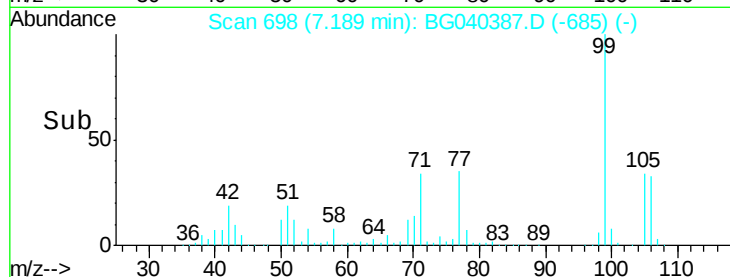
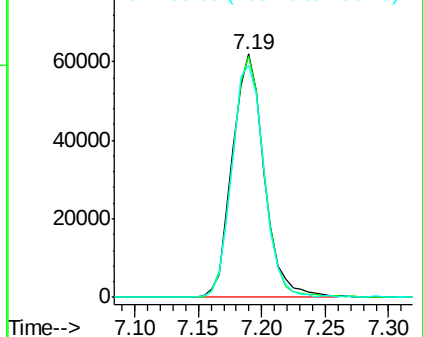
77 100

105 99.2 75.0 115.0

106 95.2 75.7 115.7



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: 40.055 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

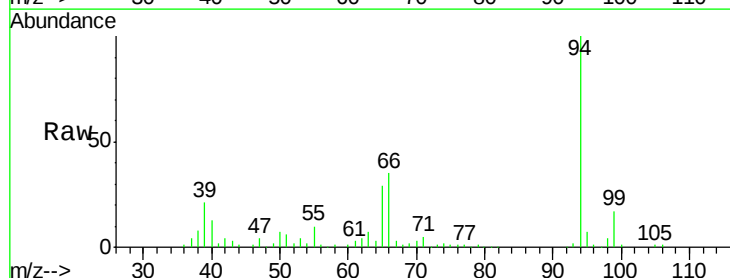
Tgt Ion: 94 Resp: 233524

Ion Ratio Lower Upper

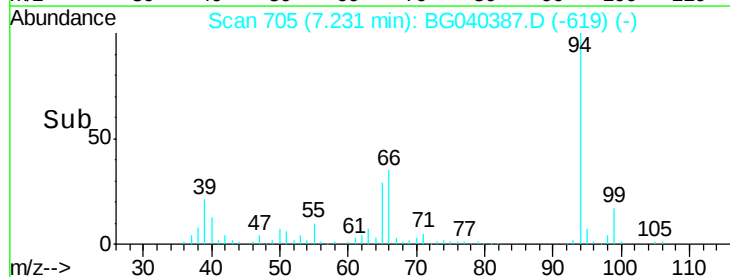
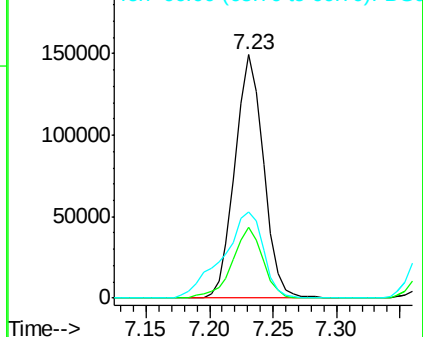
94 100

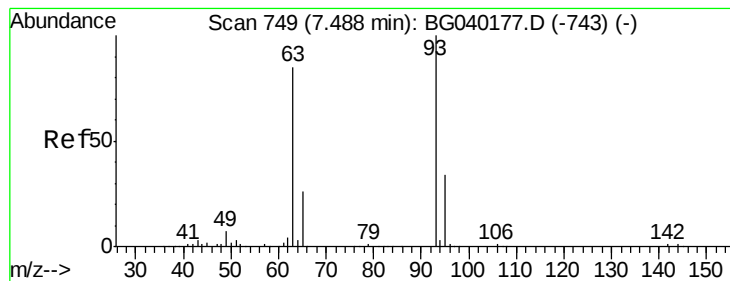
65 29.1 10.5 50.5

66 35.3 16.9 56.9



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





#11

bis(2-Chloroethyl)ether

Concen: 37.789 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

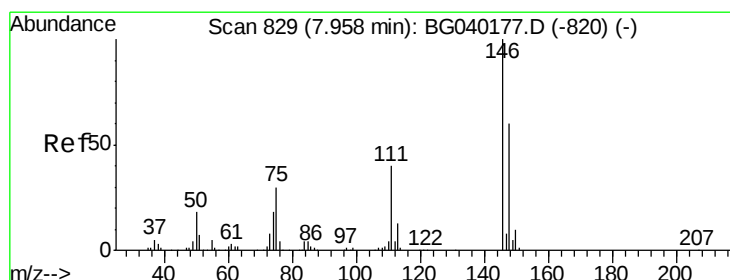
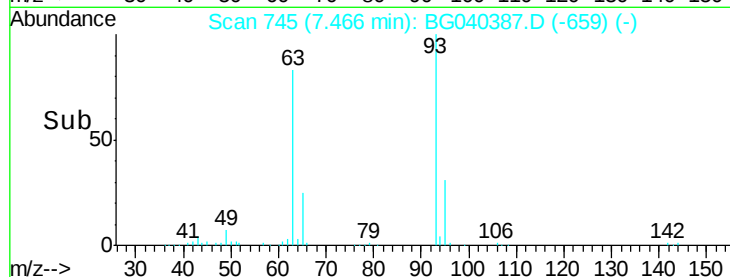
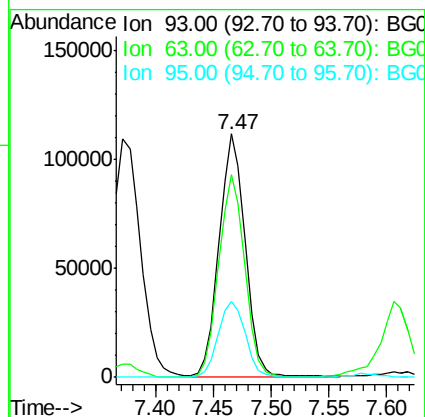
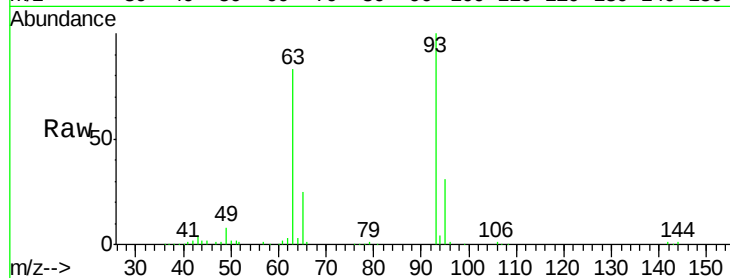
Tot Ion: 93 Resp: 176456

Ion Ratio Lower Upper

93 100

63 83.0 64.2 104.2

95 31.4 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 37.363 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

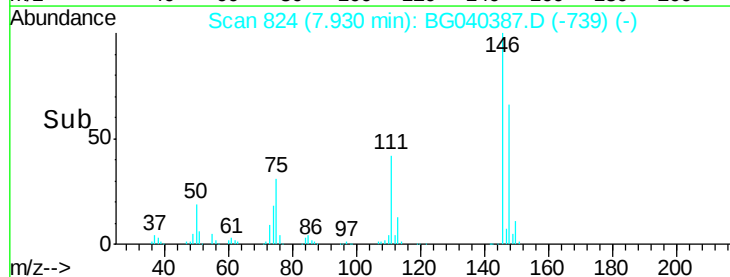
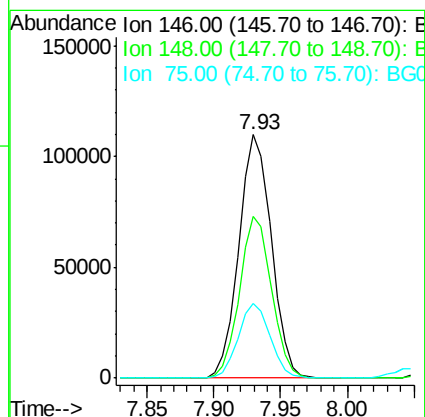
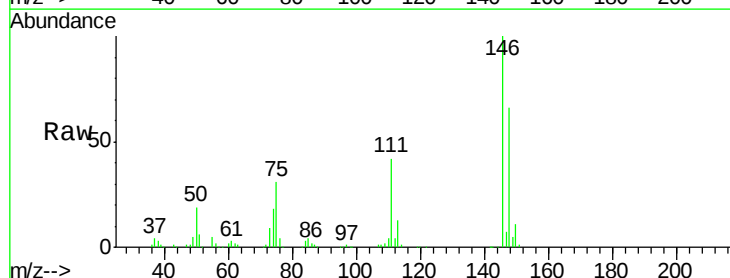
Tgt Ion: 146 Resp: 184785

Ion Ratio Lower Upper

146 100

148 66.4 48.2 72.2

75 30.7 24.1 36.1

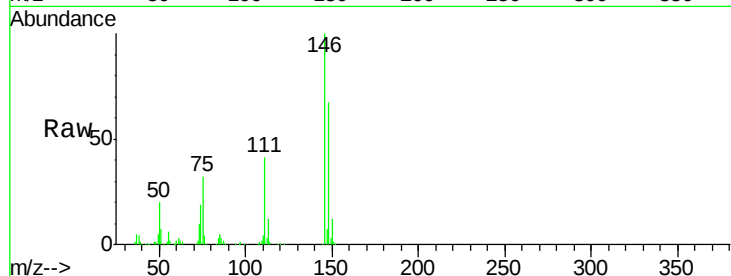




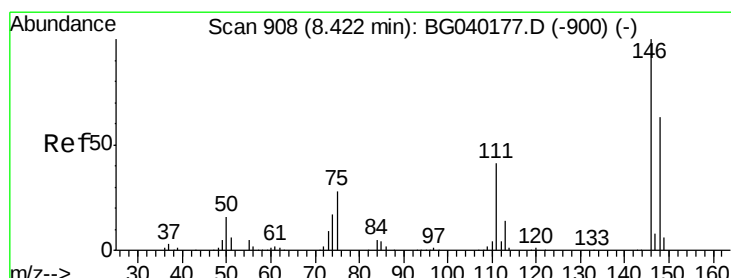
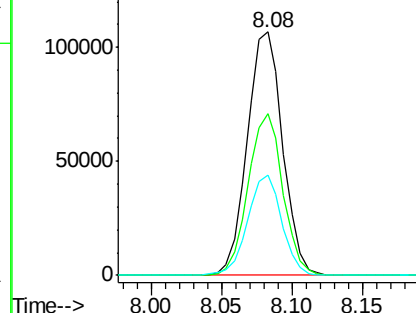
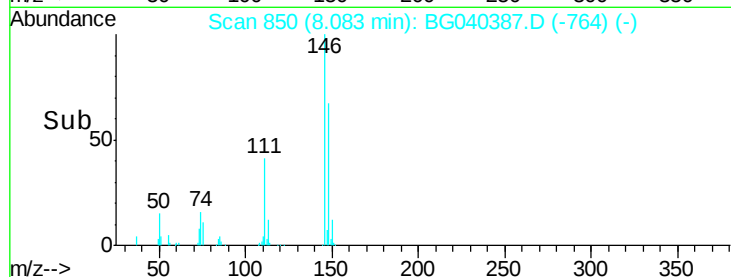
#13
 1,4-Dichlorobenzene
 Concen: 38.011 ng
 RT: 8.08 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

Tot Ion:146 Resp: 187231
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.0 76.4
 111 41.3 31.8 47.6

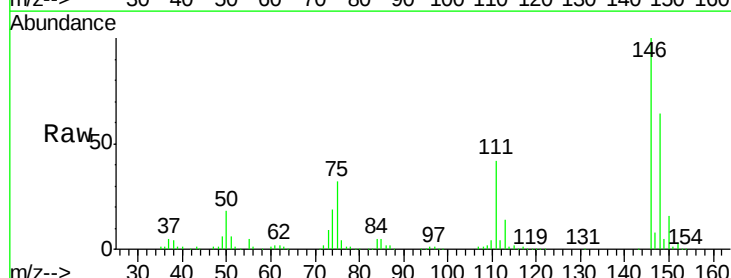


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

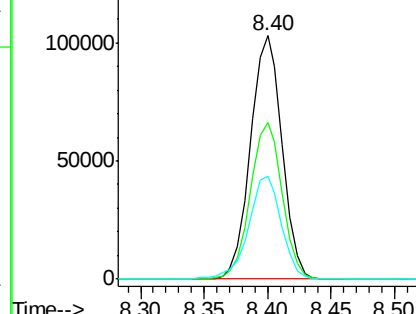
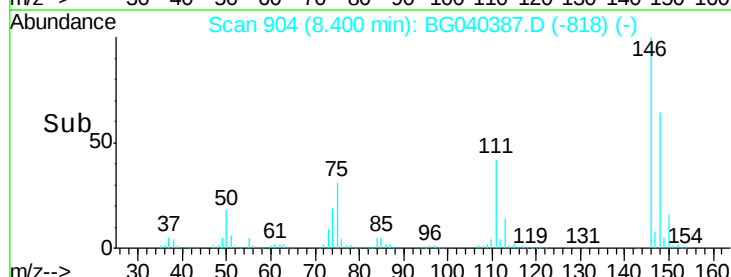


#14
 1,2-Dichlorobenzene
 Concen: 37.850 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Tgt Ion:146 Resp: 178292
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 42.0 33.4 50.0



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: 36.765 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

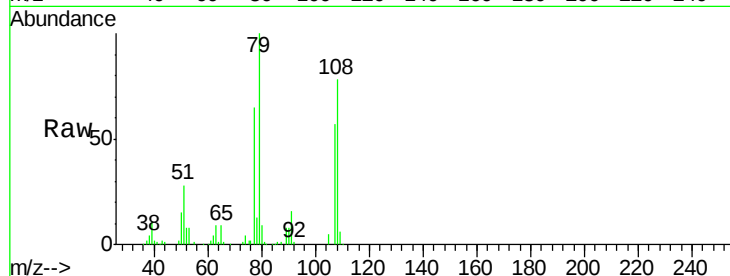
Tot Ion: 79 Resp: 159036

Ion Ratio Lower Upper

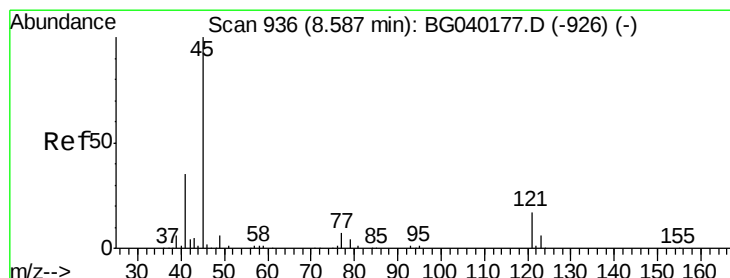
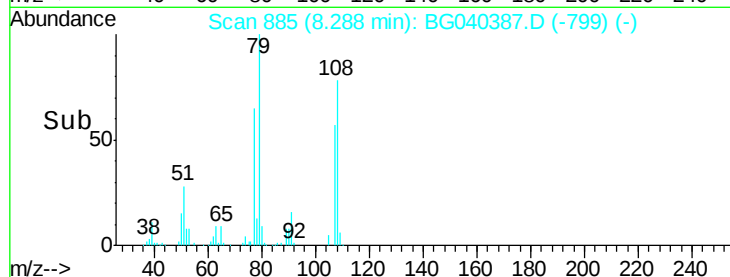
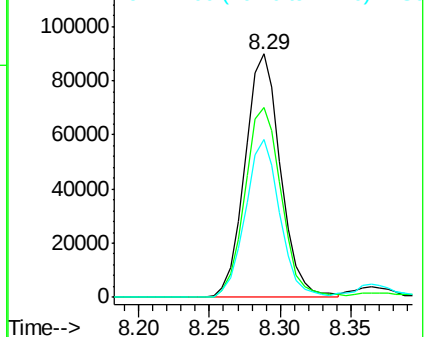
79 100

108 78.0 62.1 93.1

77 65.0 51.9 77.9



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: 36.113 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

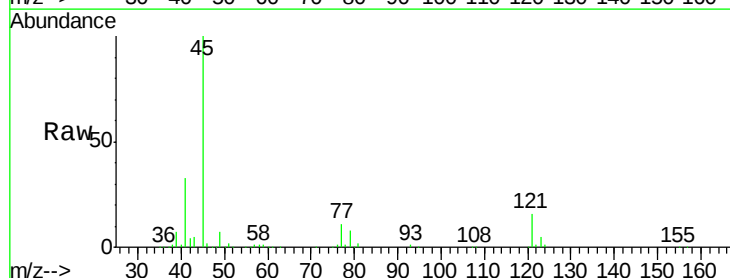
Tgt Ion: 45 Resp: 323636

Ion Ratio Lower Upper

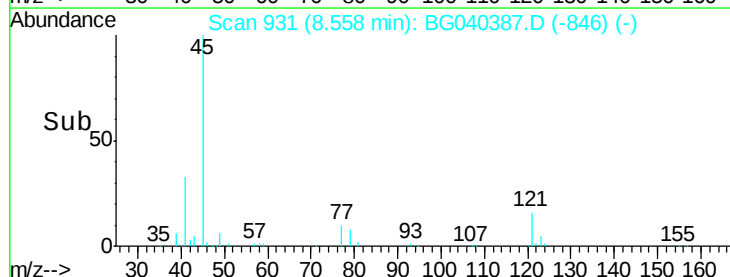
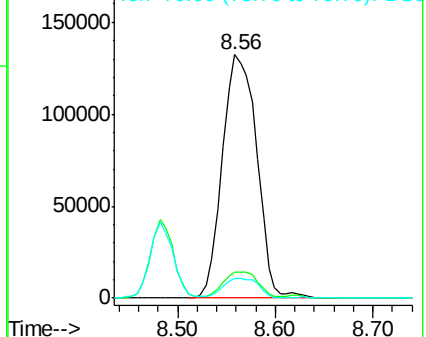
45 100

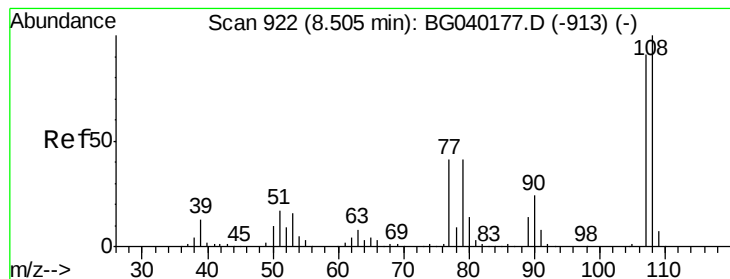
77 10.6 0.0 31.4

79 8.2 0.0 28.3



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: 39.446 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

Tot Ion:107 Resp: 159133

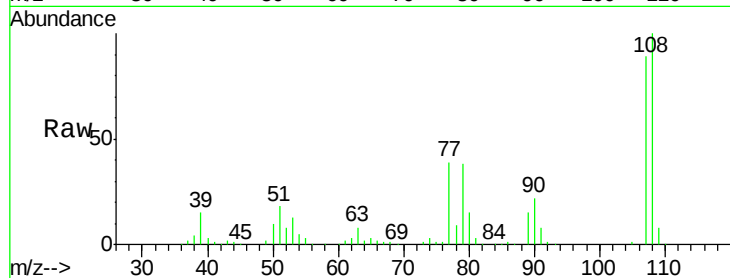
Ion Ratio Lower Upper

107 100

108 112.7 88.2 132.4

77 44.4 36.6 55.0

79 43.3 36.5 54.7

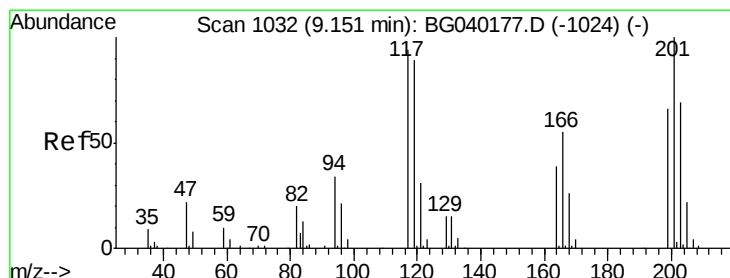
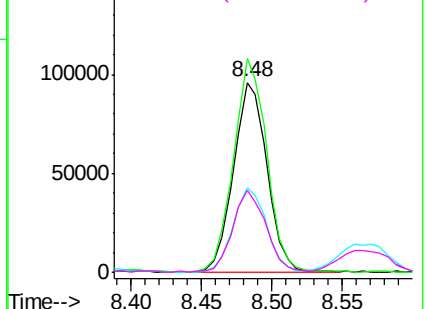
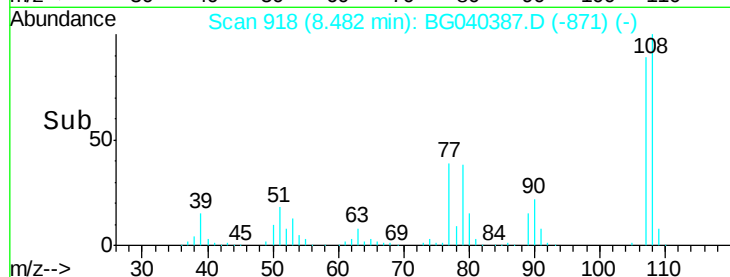


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.888 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

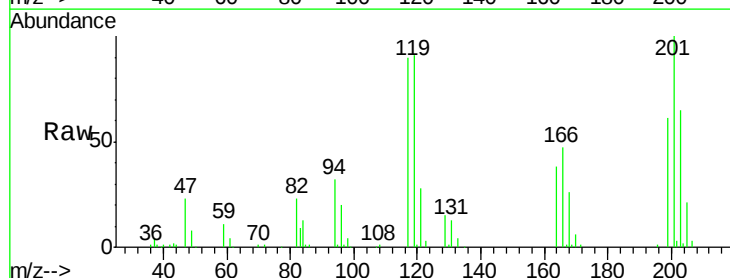
Tgt Ion:117 Resp: 69116

Ion Ratio Lower Upper

117 100

119 100.9 76.6 115.0

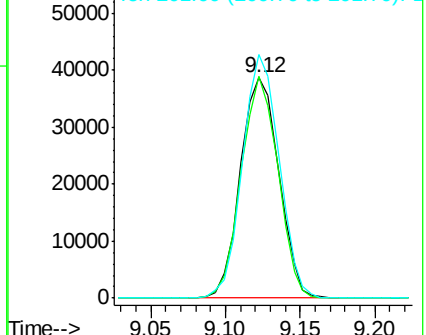
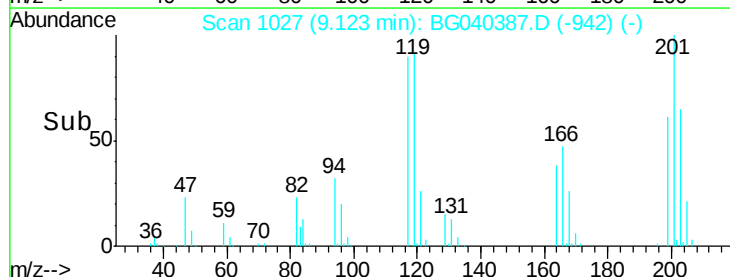
201 110.6 85.0 127.4

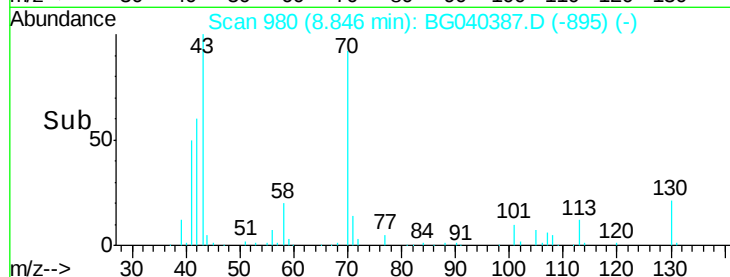
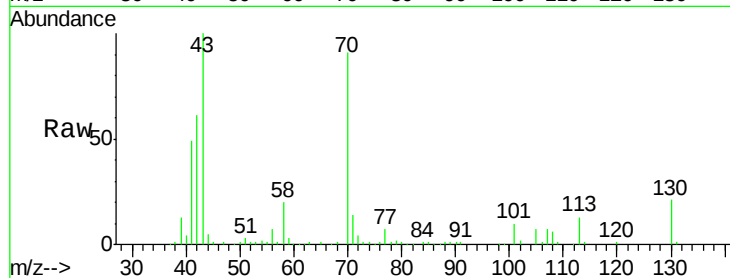
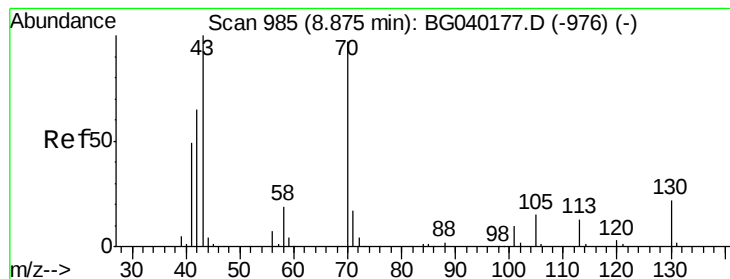


Abundance Ion 117.00 (116.70 to 117.70): E

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: 34.711 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

Tot Ion: 70 Resp: 133673

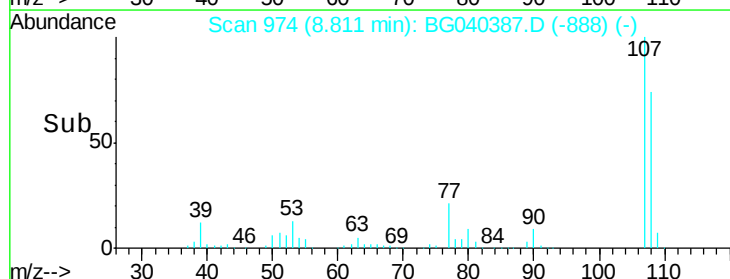
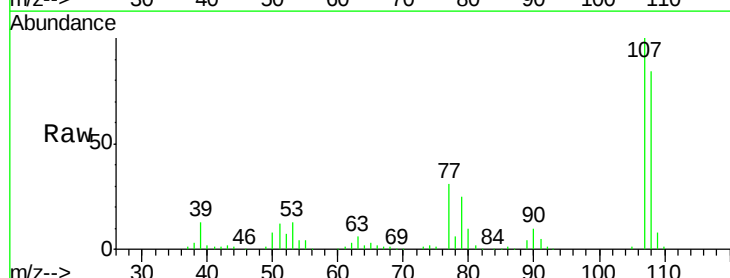
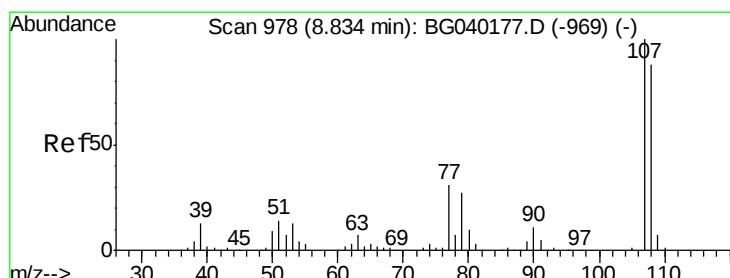
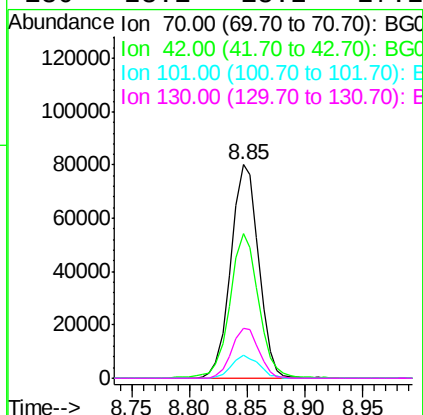
Ion Ratio Lower Upper

70 100

42 67.5 54.0 81.0

101 11.0 8.6 13.0

130 23.1 18.2 27.2



#20

3+4-Methylphenols

Concen: 40.052 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Tgt Ion:107 Resp: 218892

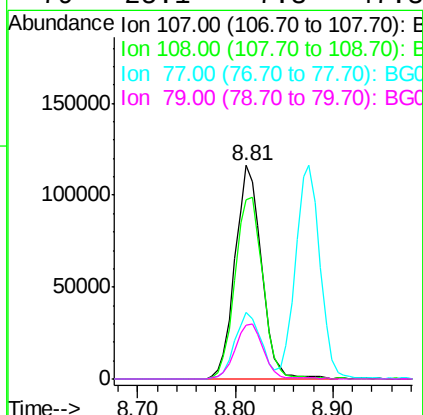
Ion Ratio Lower Upper

107 100

108 83.7 68.3 108.3

77 31.1 11.3 51.3

79 25.1 7.3 47.3

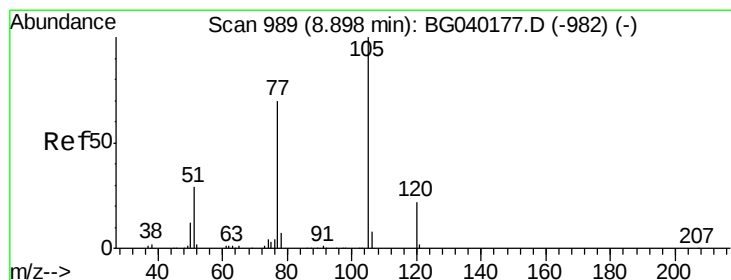
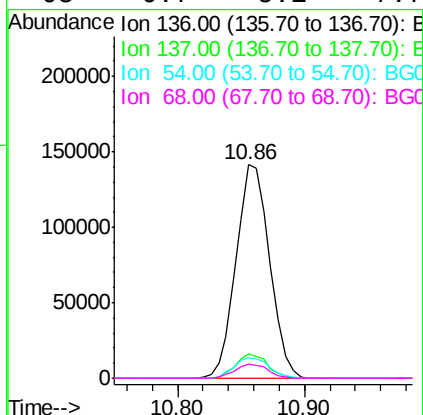
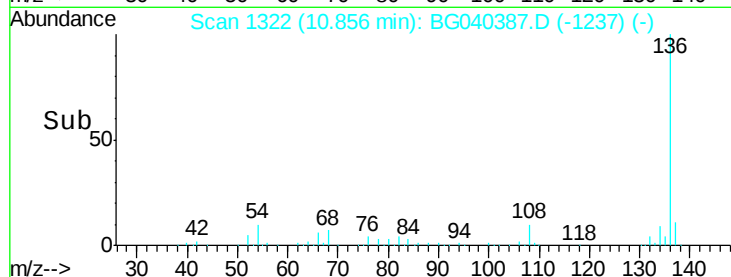
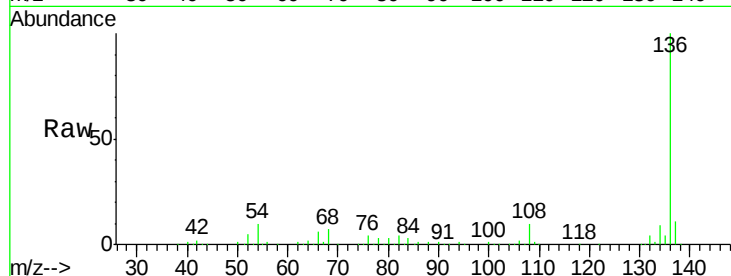




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

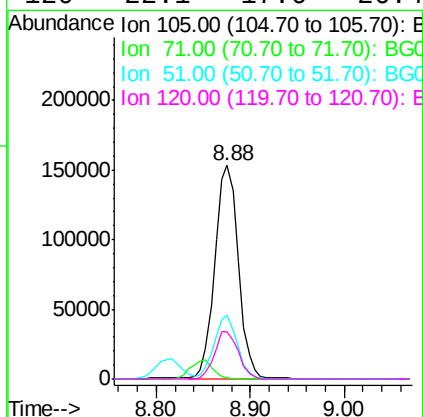
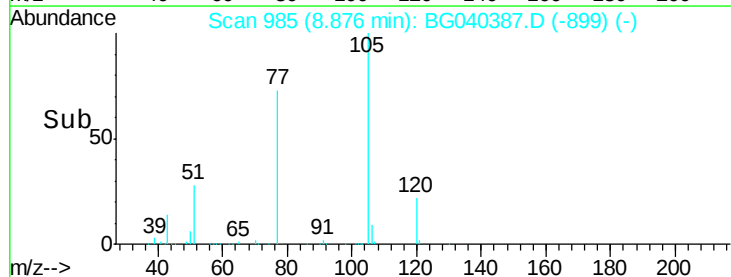
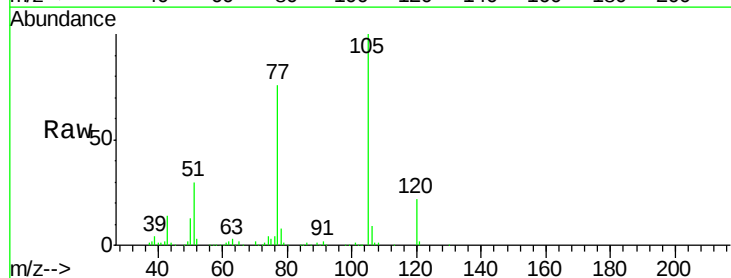
Instrument :
BNA_G
ClientSampleId :
PB118634BS

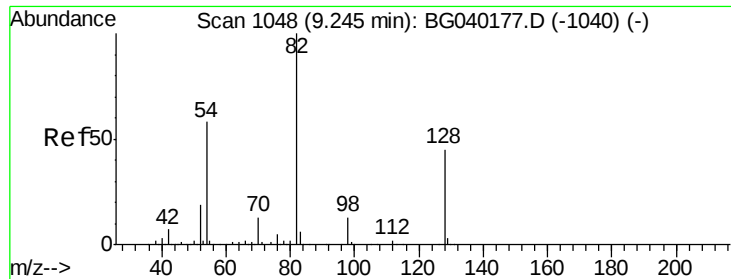
Tot Ion:136 Resp: 259354
Ion Ratio Lower Upper
136 100
137 11.5 8.9 13.3
54 9.7 9.6 14.4
68 6.7 5.1 7.7



#22
Acetophenone
Concen: 41.706 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

Tgt Ion:105 Resp: 269817
Ion Ratio Lower Upper
105 100
71 0.5 0.6 1.0#
51 29.8 25.1 37.7
120 22.1 17.6 26.4

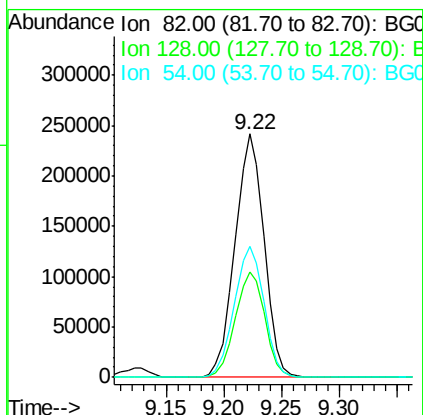
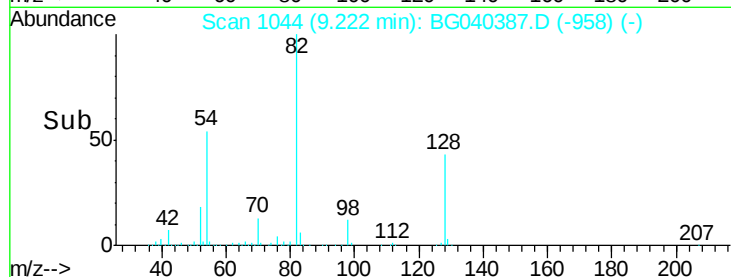
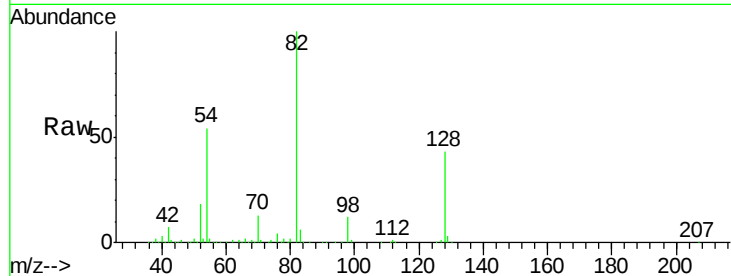




#23
 Nitrobenzene-d5
 Concen: 86.334 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

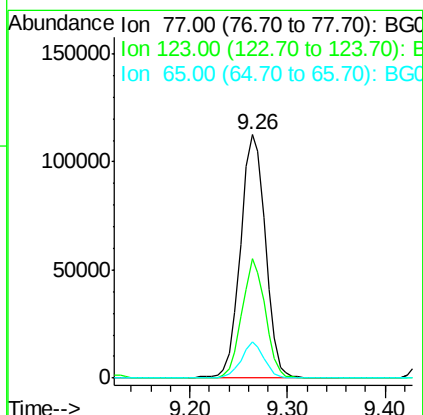
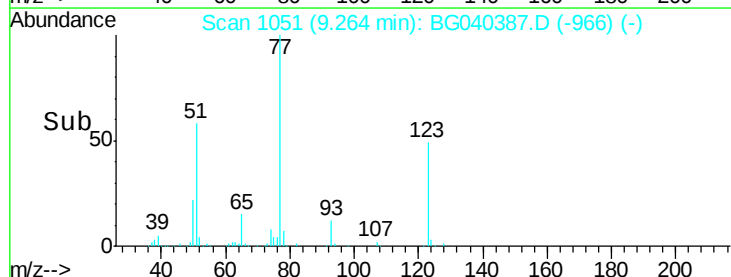
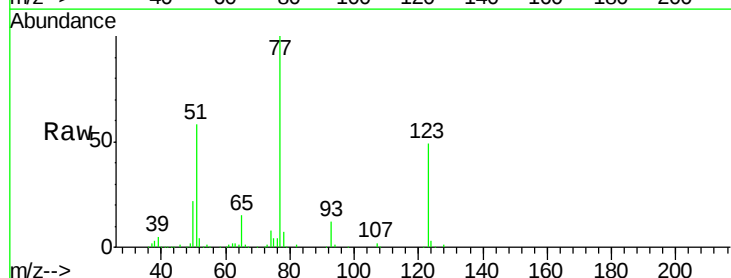
Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

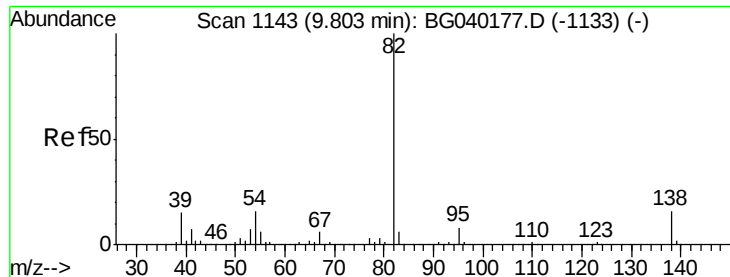
Tot Ion: 82 Resp: 421255
 Ion Ratio Lower Upper
 82 100
 128 43.1 35.8 53.8
 54 53.8 46.2 69.2



#24
 Nitrobenzene
 Concen: 39.923 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Tgt Ion: 77 Resp: 201720
 Ion Ratio Lower Upper
 77 100
 123 48.8 37.8 56.6
 65 15.0 12.0 18.0

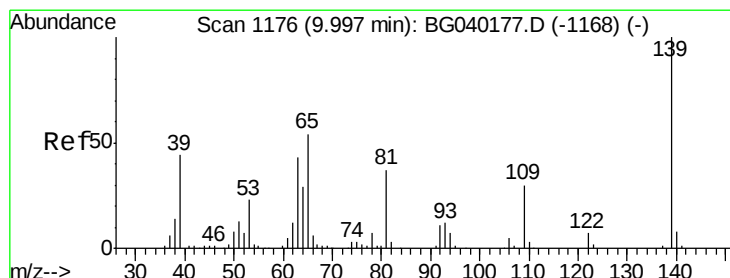
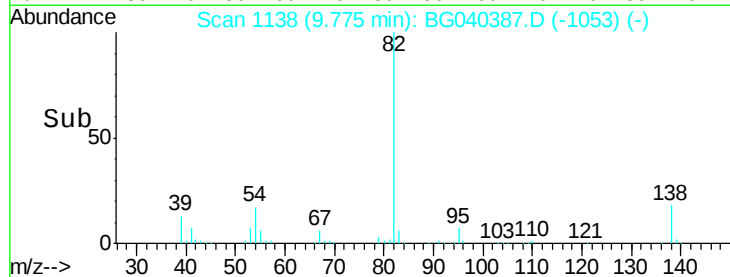
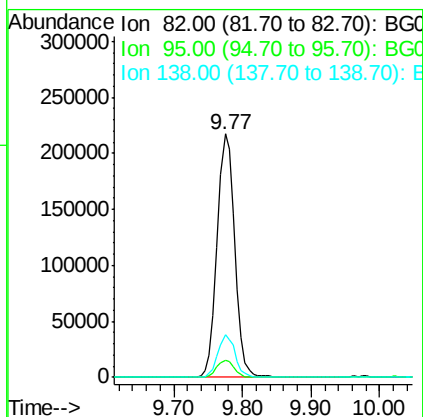
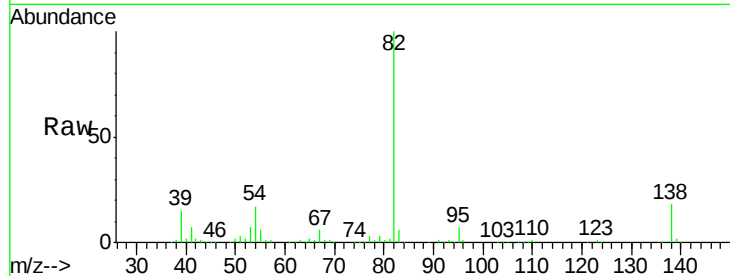




#25
Isophorone
Concen: 38.432 ng
RT: 9.77 min Scan# 1138
Delta R.T. -0.03 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

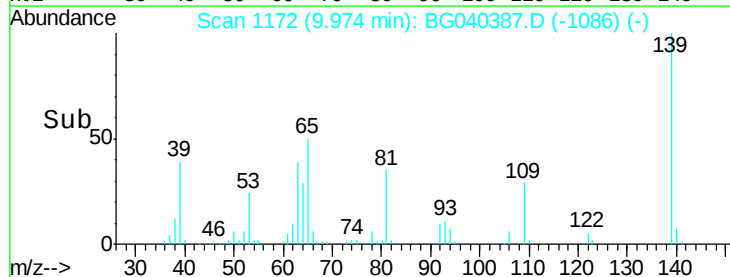
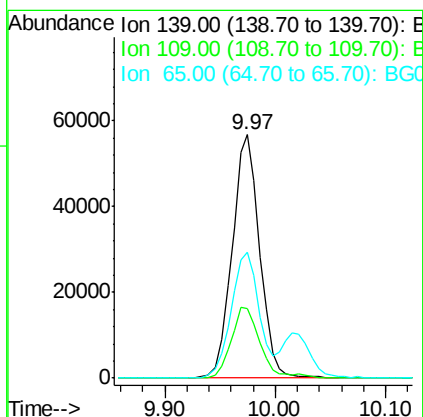
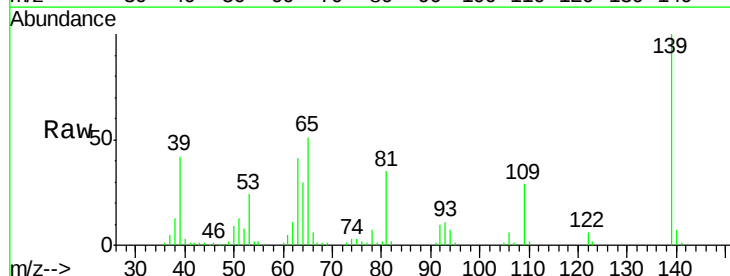
Instrument :
BNA_G
ClientSampleId :
PB118634BS

Tot Ion: 82 Resp: 385839
Ion Ratio Lower Upper
82 100
95 7.0 6.1 9.1
138 17.7 13.2 19.8



#26
2-Nitrophenol
Concen: 41.193 ng
RT: 9.97 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

Tgt Ion: 139 Resp: 98623
Ion Ratio Lower Upper
139 100
109 28.8 24.1 36.1
65 51.5 43.0 64.6

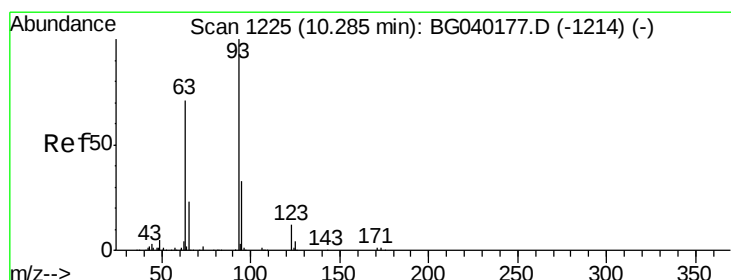
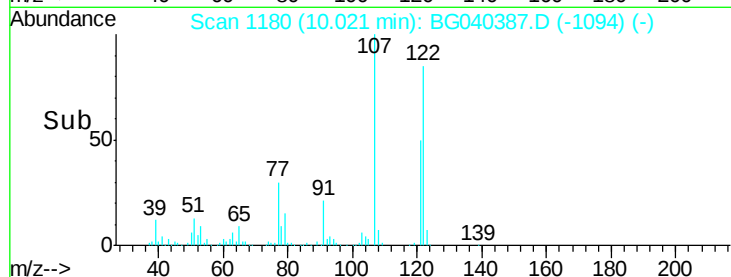
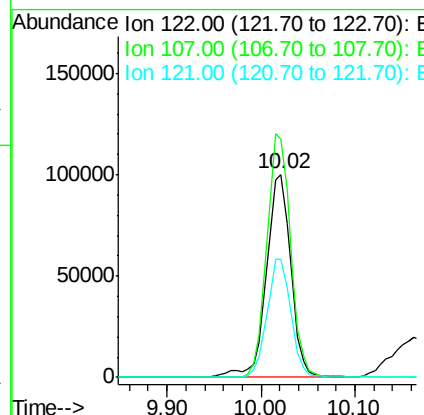
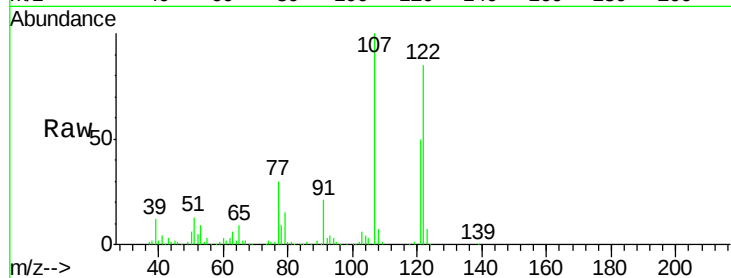




#27
 2,4-Dimethylphenol
 Concen: 47.428 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

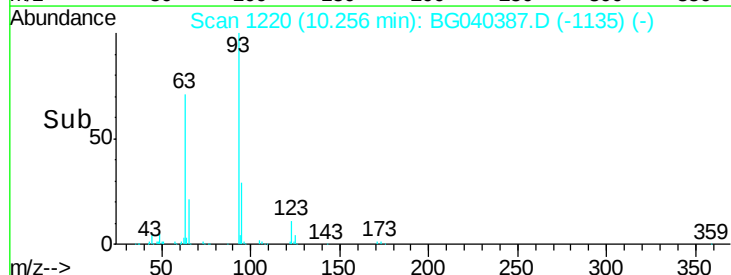
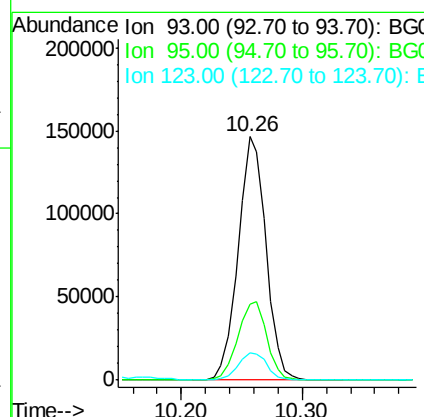
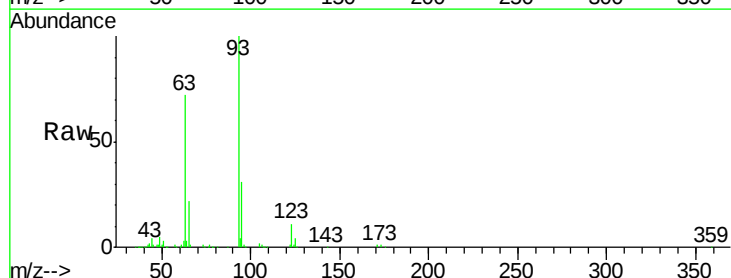
Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

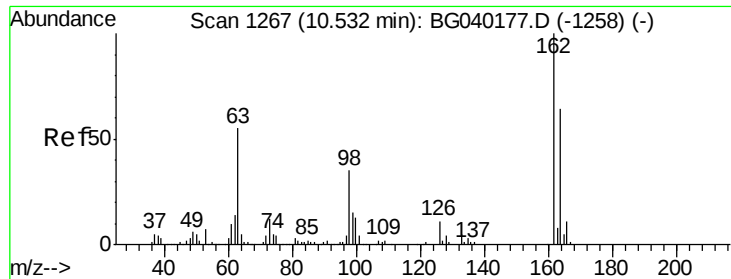
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.9	97.4	146.2
121	58.6	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.627 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	26.2	39.4
123	11.2	9.4	14.0

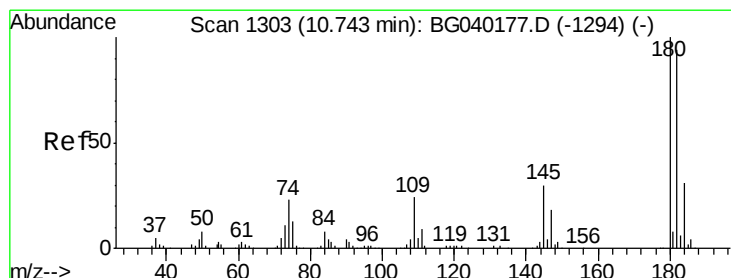
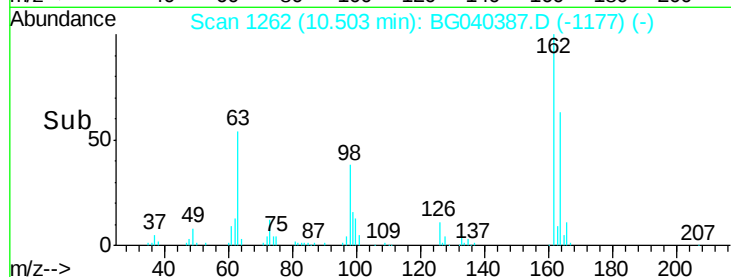
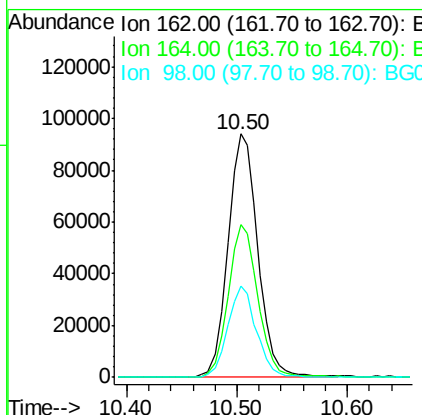
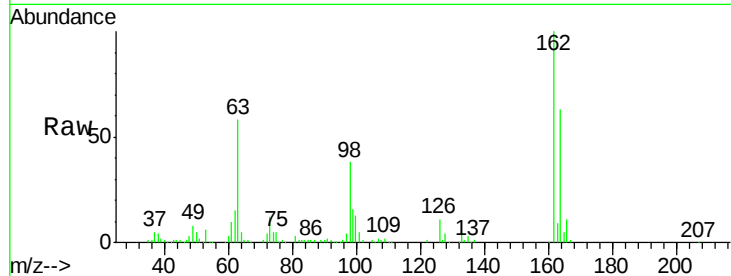




#29
2,4-Dichlorophenol
Concen: 43.150 ng
RT: 10.50 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

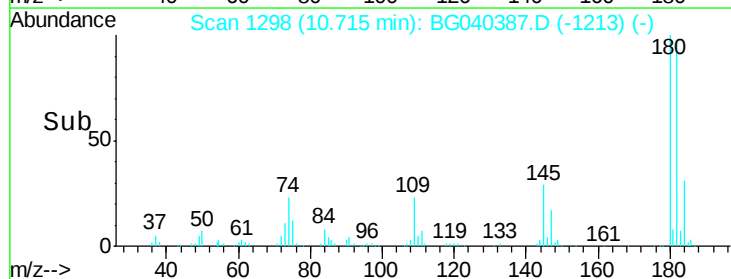
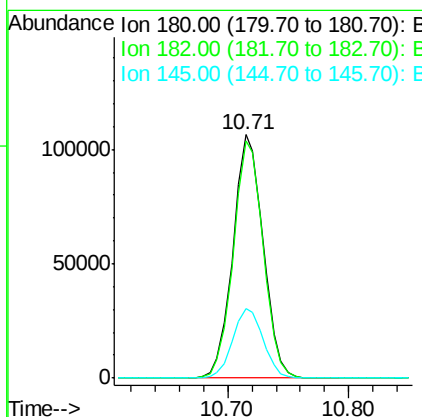
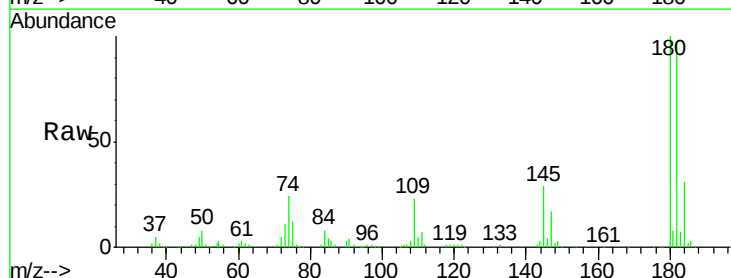
Instrument :
BNA_G
ClientSampleId :
PB118634BS

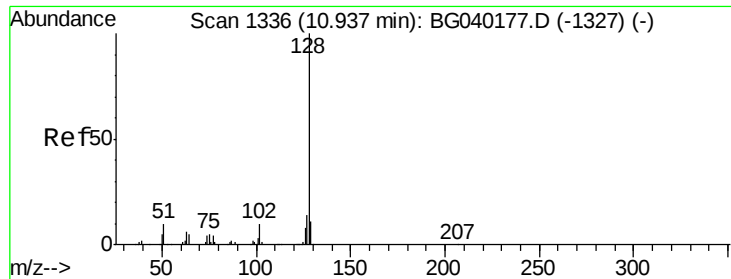
Tot Ion:162 Resp: 178120
Ion Ratio Lower Upper
162 100
164 62.5 43.9 83.9
98 37.7 15.6 55.6



#30
1,2,4-Trichlorobenzene
Concen: 40.713 ng
RT: 10.71 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

Tgt Ion:180 Resp: 184536
Ion Ratio Lower Upper
180 100
182 97.2 75.1 112.7
145 28.6 24.1 36.1

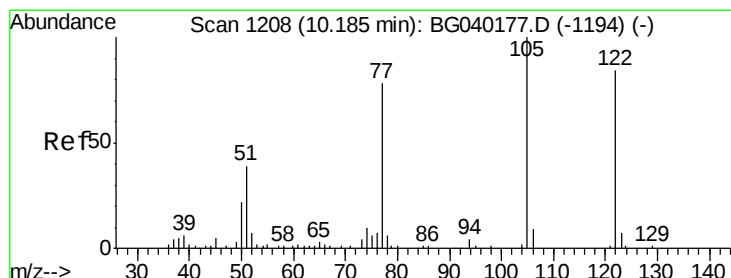
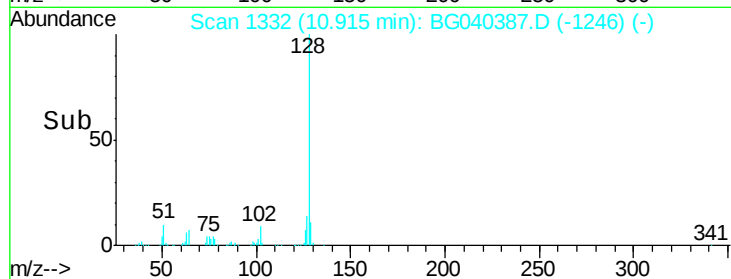
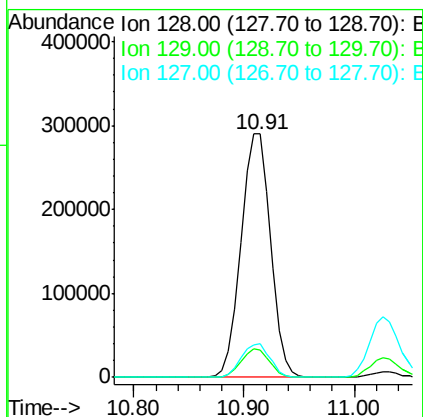
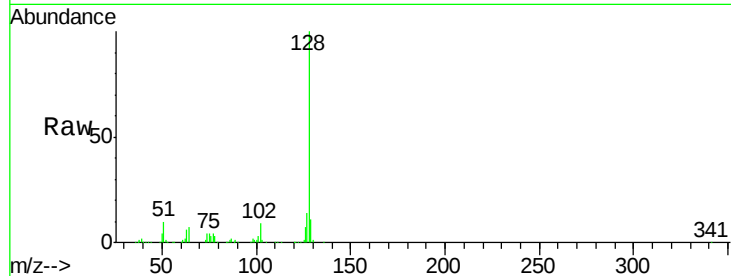




#31
Naphthalene
Concen: 40.961 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

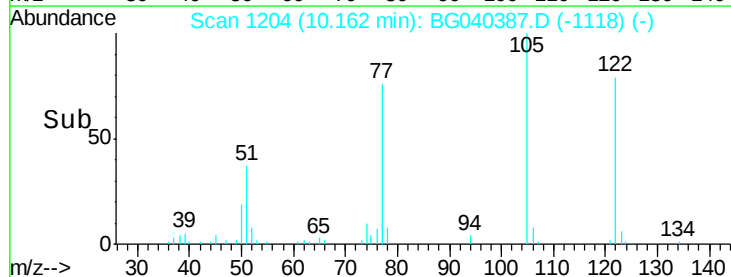
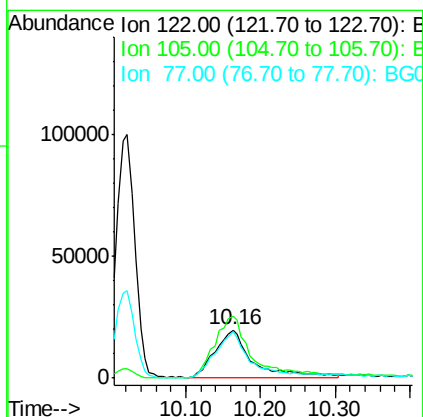
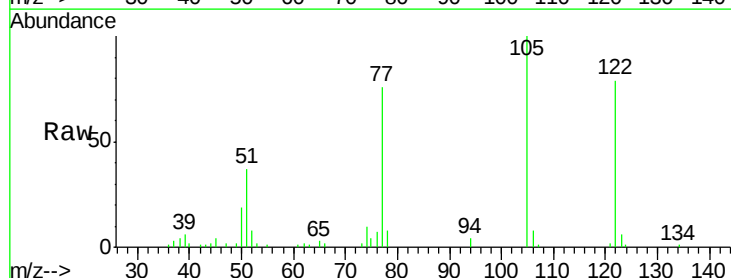
Instrument :
BNA_G
ClientSampleId :
PB118634BS

Tot Ion:128 Resp: 544528
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 14.0 11.4 17.0



#32
Benzoic acid
Concen: 29.478 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

Tgt Ion:122 Resp: 67732
Ion Ratio Lower Upper
122 100
105 126.9 98.2 138.2
77 95.9 73.6 113.6

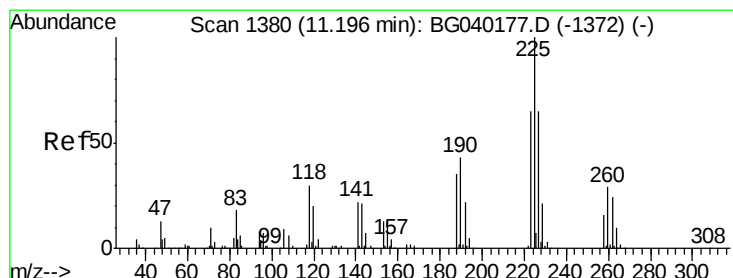
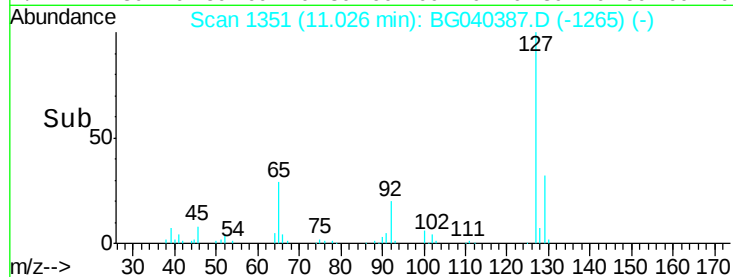
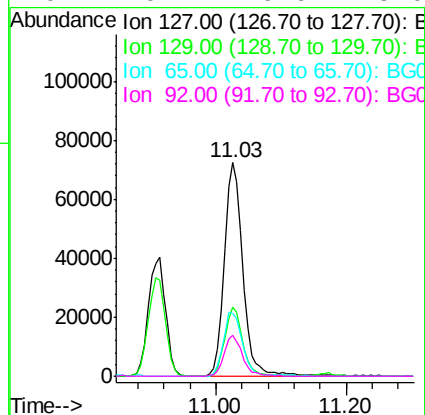
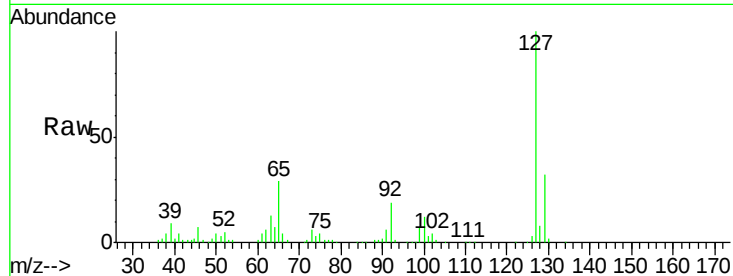




#33
4-Chloroaniline
Concen: 25.260 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

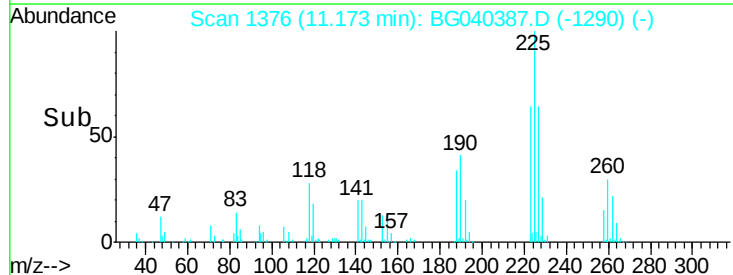
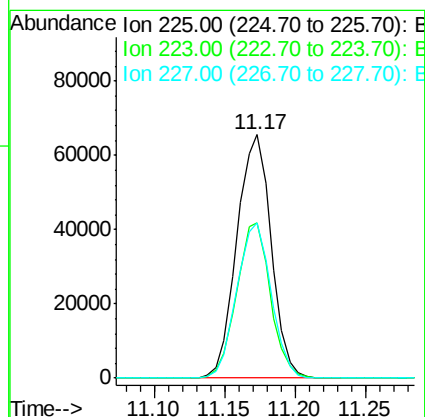
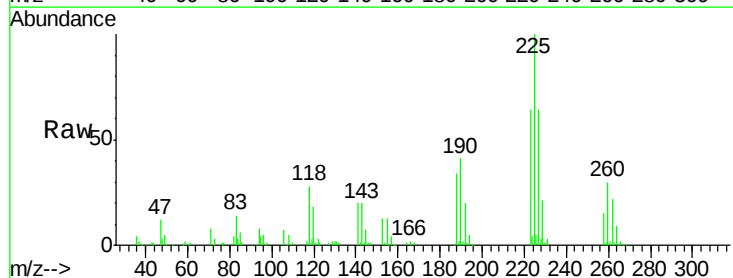
Instrument :
BNA_G
ClientSampleId :
PB118634BS

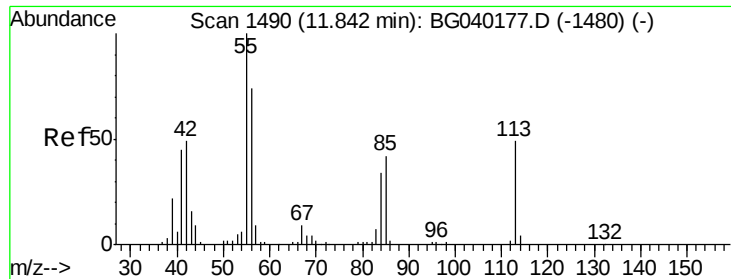
Tot Ion:	127	Resp:	143237
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	40.0
65	29.3	27.0	40.4
92	19.4	16.6	25.0



#34
Hexachlorobutadiene
Concen: 38.344 ng
RT: 11.17 min Scan# 1376
Delta R.T. -0.02 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

Tgt Ion:	225	Resp:	111152
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.8	77.8
227	64.0	54.9	82.3





#35

Caprolactam

Concen: 26.414 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

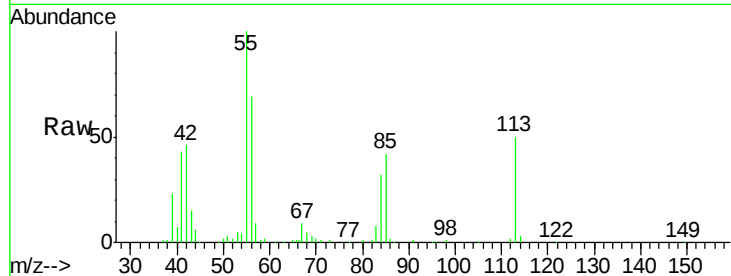
Tot Ion:113 Resp: 43269

Ion Ratio Lower Upper

113 100

55 201.0 184.2 224.2

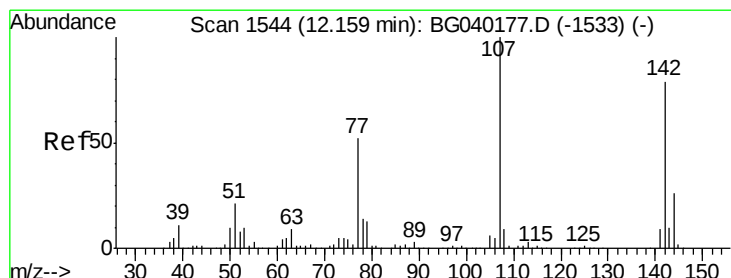
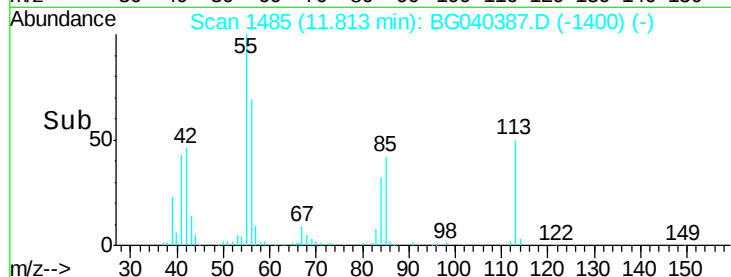
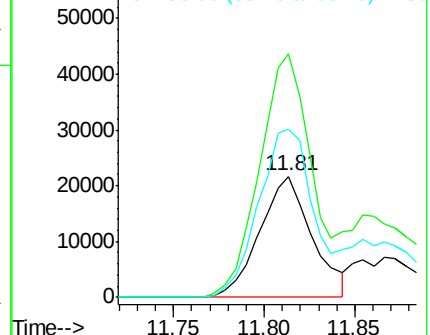
56 139.3 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 41.778 ng

RT: 12.14 min Scan# 1540

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

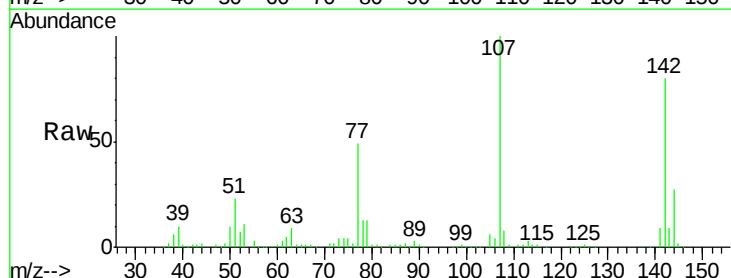
Tgt Ion:107 Resp: 198256

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

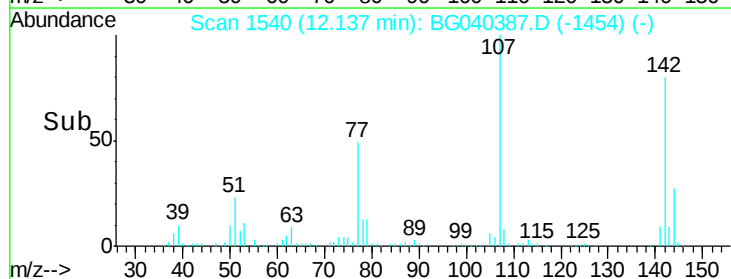
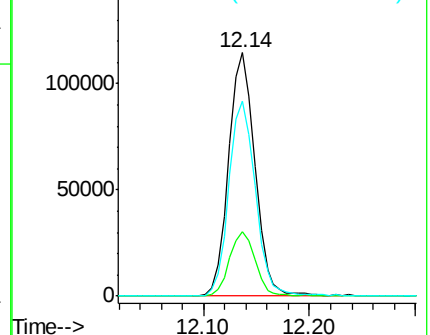
142 80.1 63.1 94.7

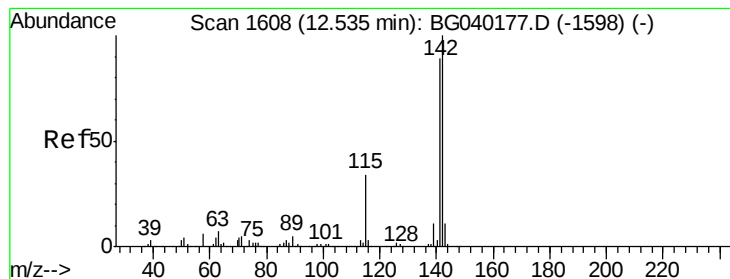


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.128 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

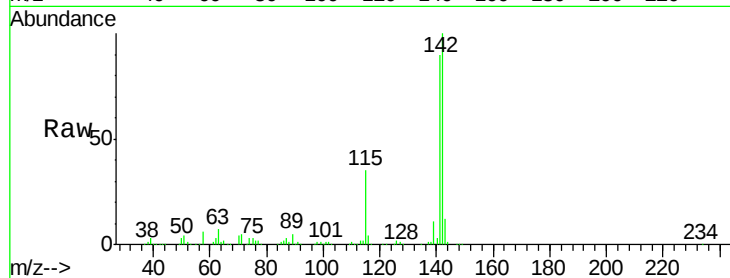
Tot Ion:142 Resp: 404369

Ion Ratio Lower Upper

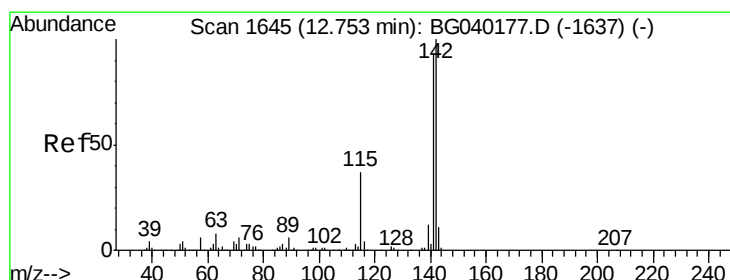
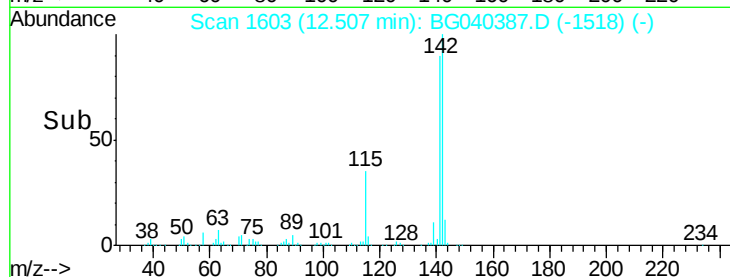
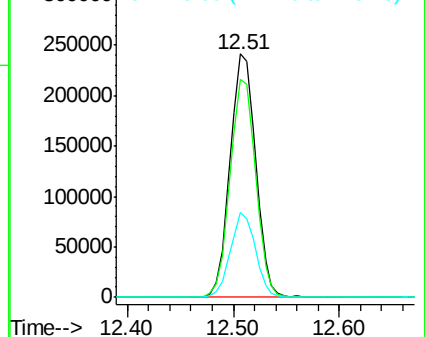
142 100

141 89.7 71.0 106.6

115 35.0 27.3 40.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 40.869 ng

RT: 12.73 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

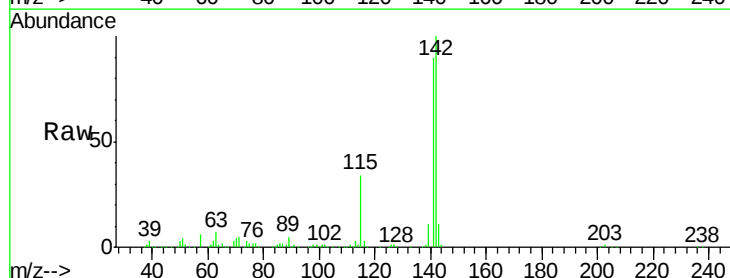
Tgt Ion:142 Resp: 389642

Ion Ratio Lower Upper

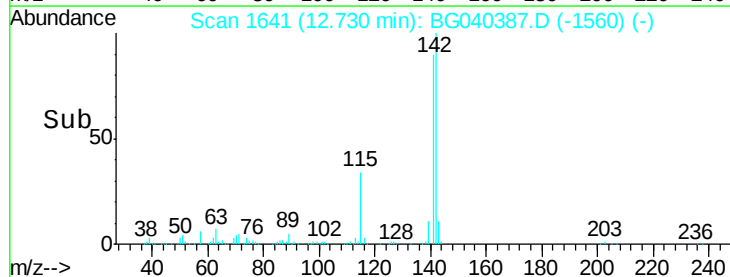
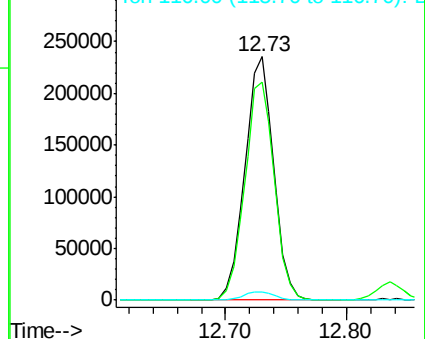
142 100

141 89.6 74.2 111.4

116 3.3 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampled :

PB118634BS

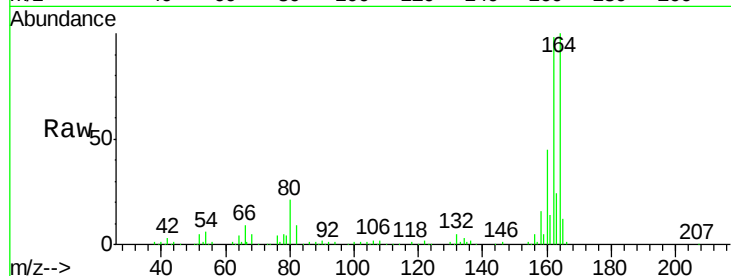
Tot Ion:164 Resp: 162190

Ion Ratio Lower Upper

164 100

162 97.8 77.4 116.2

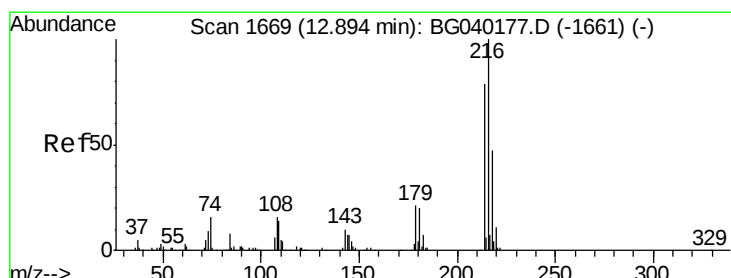
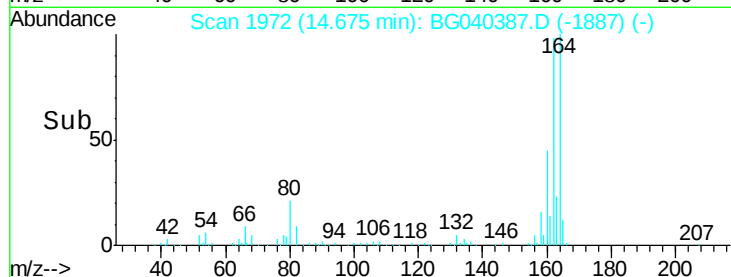
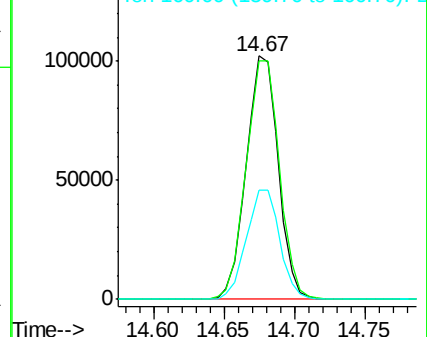
160 45.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.743 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Tgt Ion:216 Resp: 204873

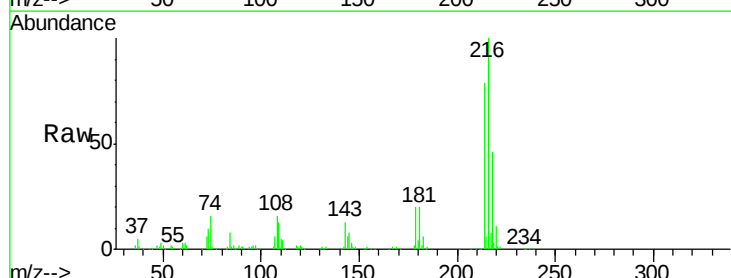
Ion Ratio Lower Upper

216 100

214 80.5 63.5 95.3

179 19.9 16.6 25.0

108 19.0 13.8 20.8

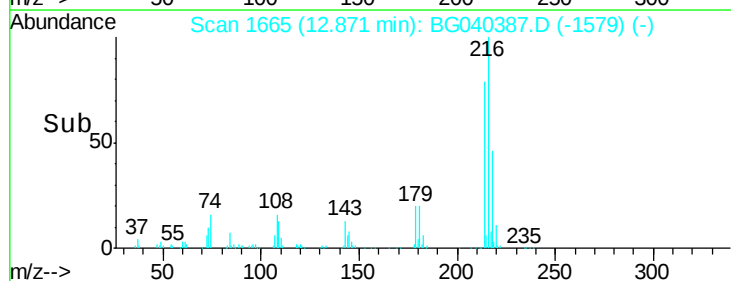
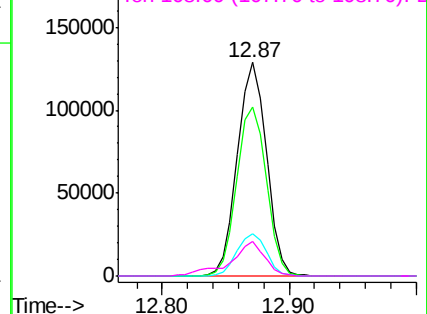


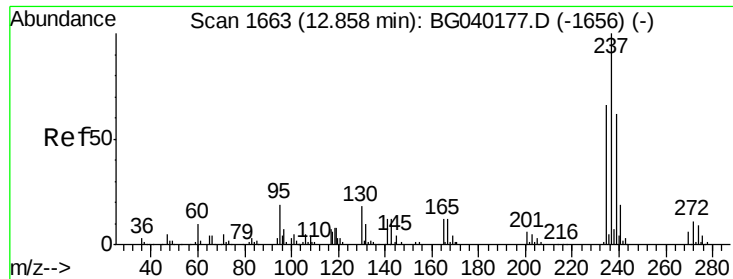
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.497 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

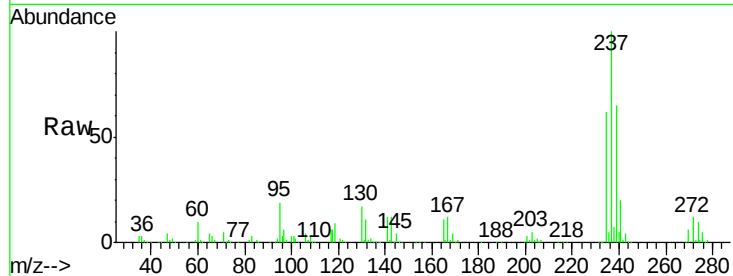
Tot Ion:237 Resp: 236335

Ion Ratio Lower Upper

237 100

235 62.3 46.2 86.2

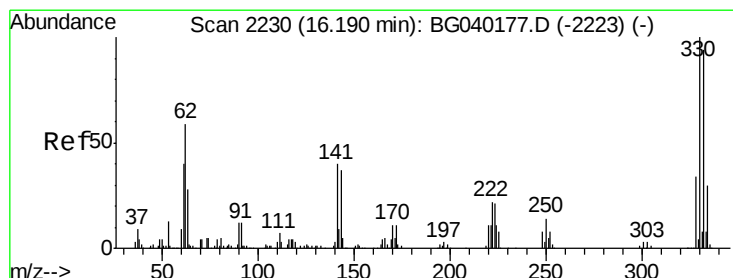
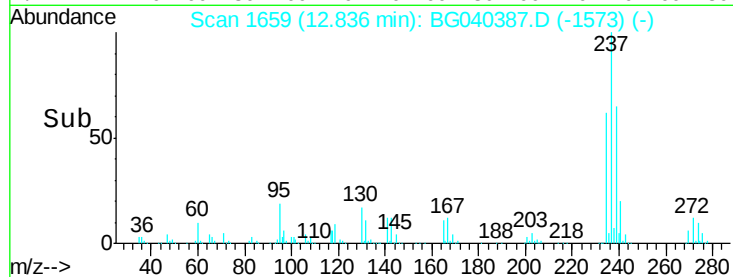
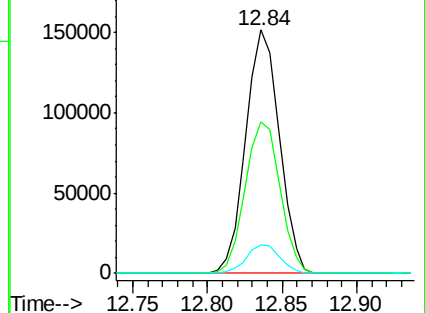
272 11.8 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 143.658 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

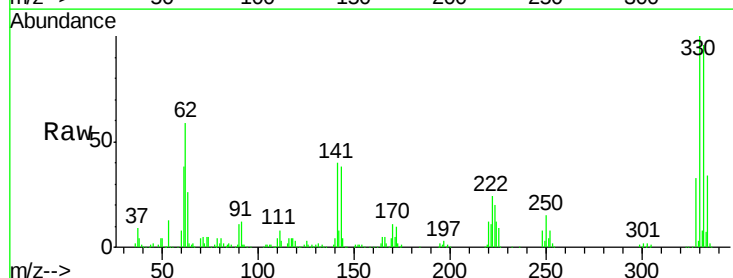
Tgt Ion:330 Resp: 251811

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

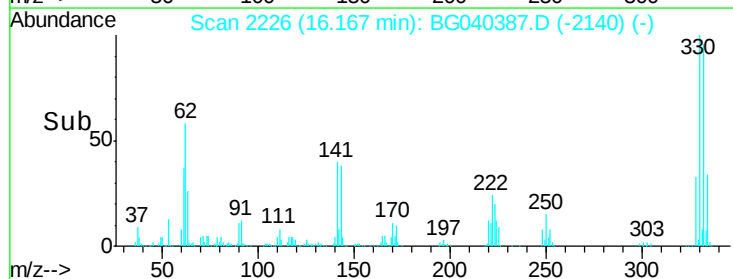
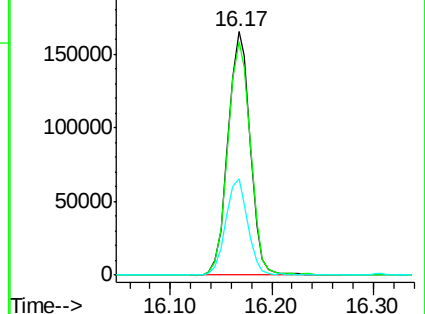
141 39.1 32.6 48.8



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

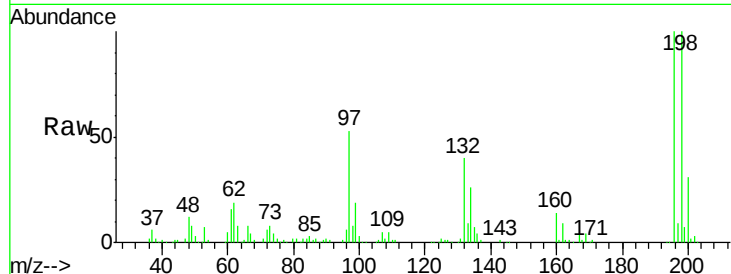




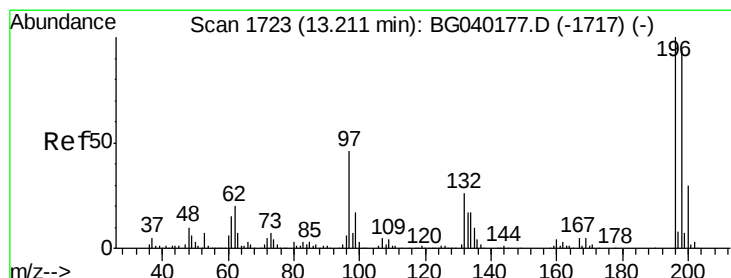
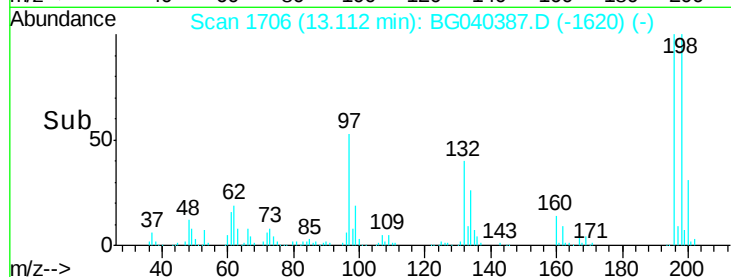
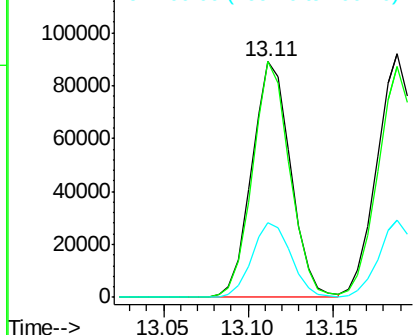
#43
 2,4,6-Trichlorophenol
 Concen: 42.691 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

Tot Ion:196 Resp: 141887
 Ion Ratio Lower Upper
 196 100
 198 100.2 78.3 117.5
 200 31.5 26.0 39.0



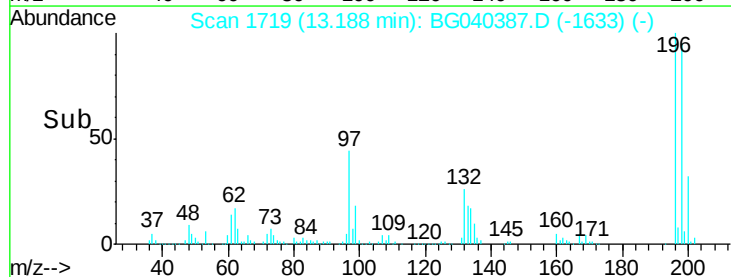
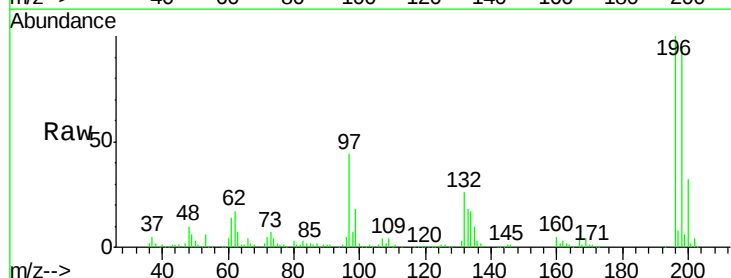
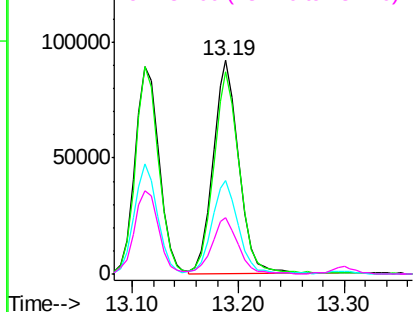
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.230 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Tgt Ion:196 Resp: 156604
 Ion Ratio Lower Upper
 196 100
 198 94.8 75.0 112.6
 97 43.7 37.3 55.9
 132 26.5 20.9 31.3

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

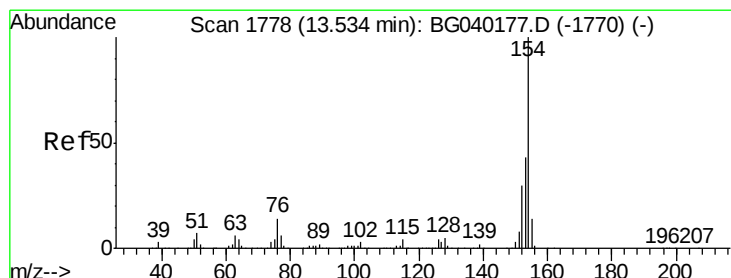
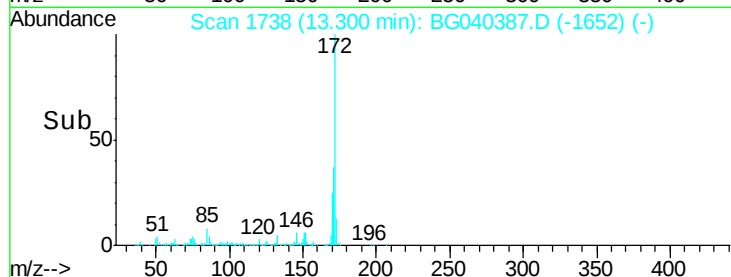
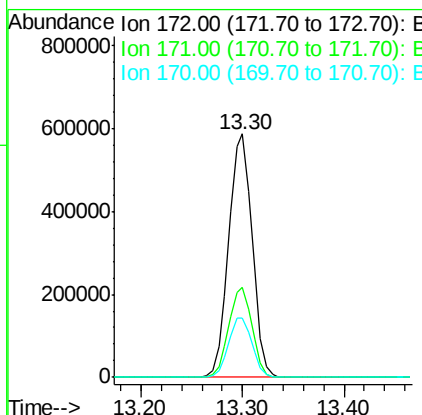
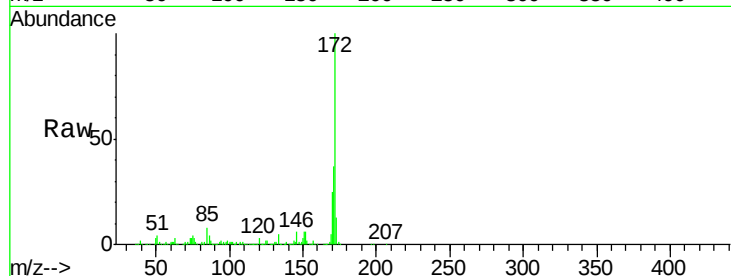




#45
 2-Fluorobiphenyl
 Concen: 85.864 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

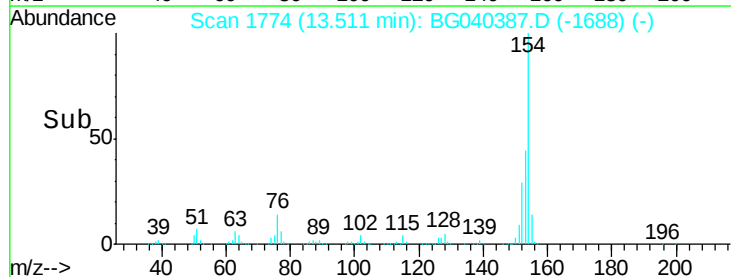
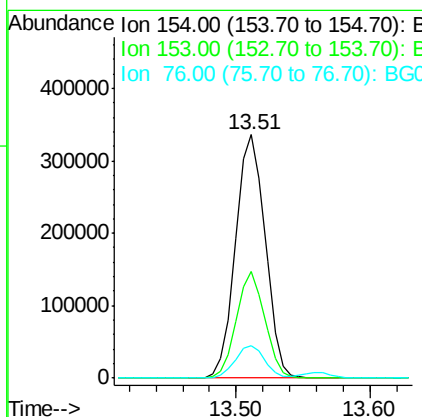
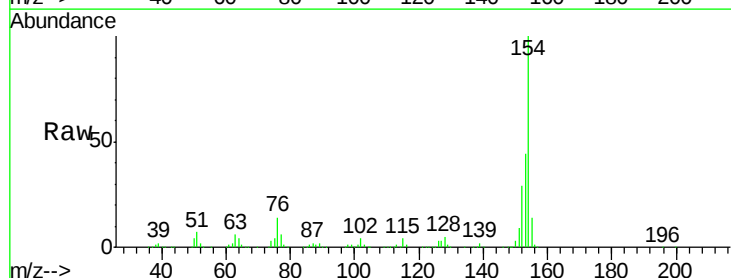
Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

Tot Ion:172 Resp: 939845
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.5 45.7
 170 24.6 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 40.493 ng
 RT: 13.51 min Scan# 1774
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Tgt Ion:154 Resp: 518925
 Ion Ratio Lower Upper
 154 100
 153 43.7 22.5 62.5
 76 13.5 0.0 33.7





#47

2-Chloronaphthalene

Concen: 40.828 ng

RT: 13.56 min Scan# 1782

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

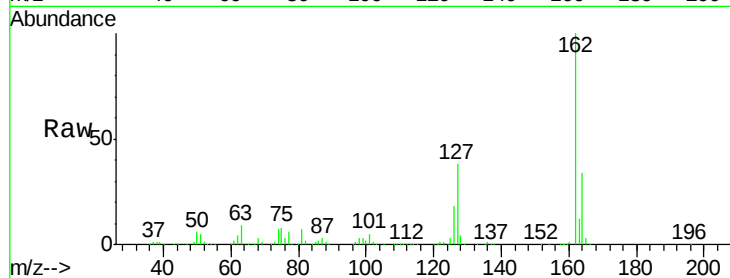
Tot Ion:162 Resp: 401340

Ion Ratio Lower Upper

162 100

127 38.2 30.6 45.8

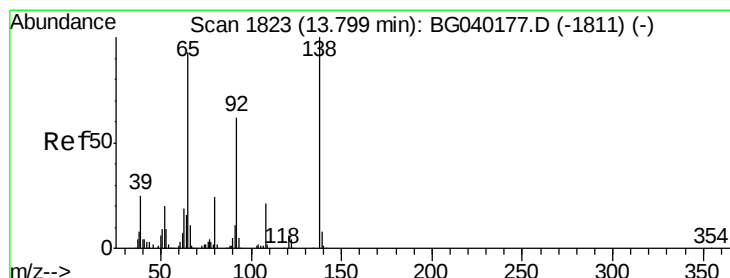
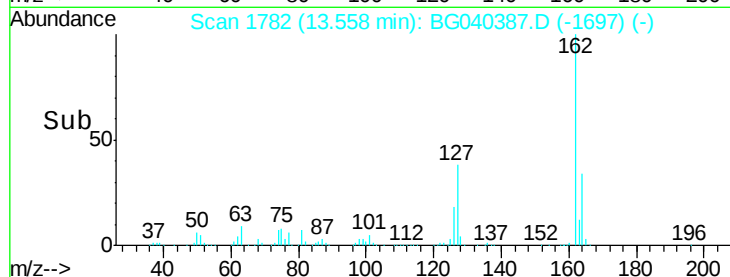
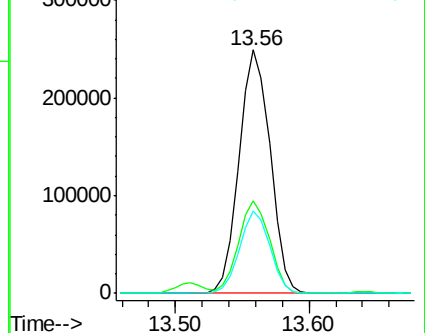
164 33.7 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.873 ng

RT: 13.77 min Scan# 1818

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

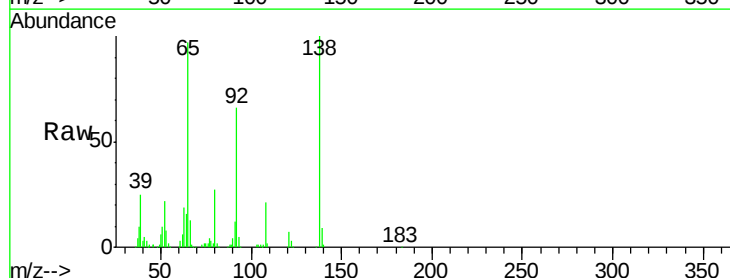
Tgt Ion: 65 Resp: 135523

Ion Ratio Lower Upper

65 100

92 68.6 53.8 80.6

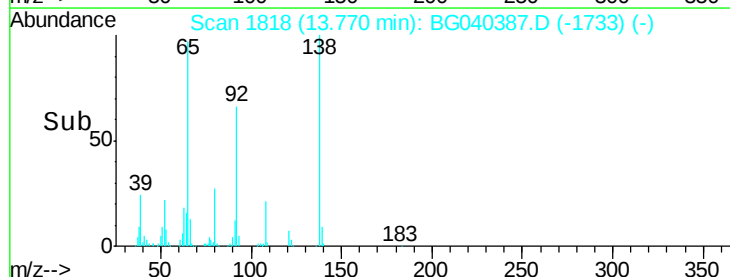
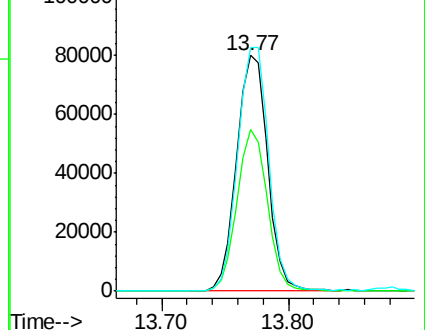
138 103.3 86.3 129.5

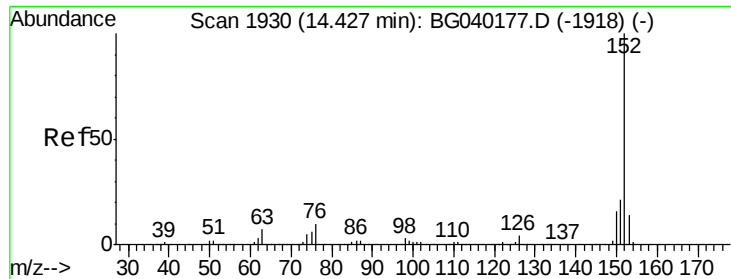


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.724 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

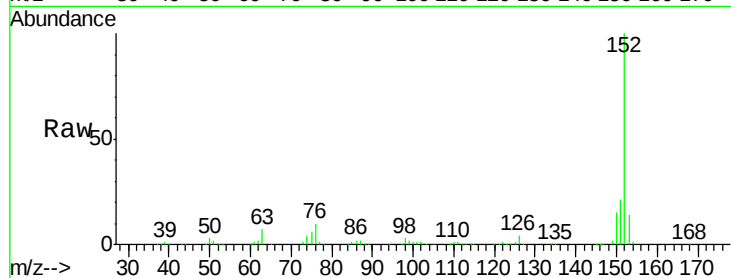
Tot Ion:152 Resp: 662070

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

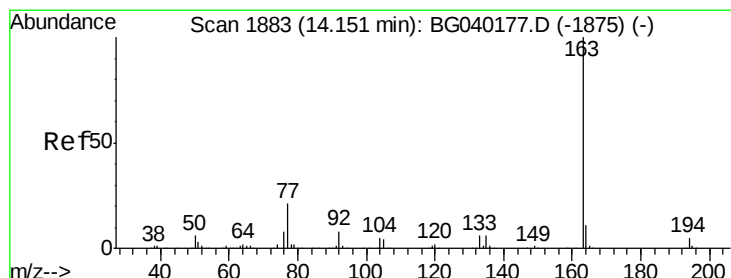
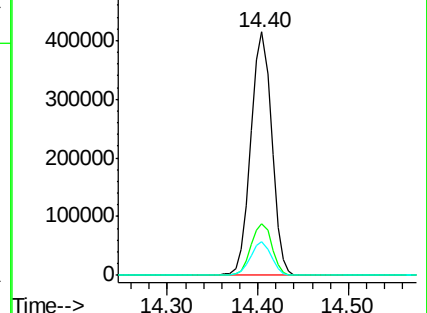
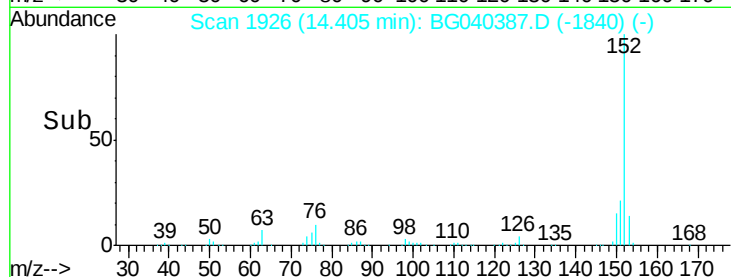
153 13.9 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.684 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

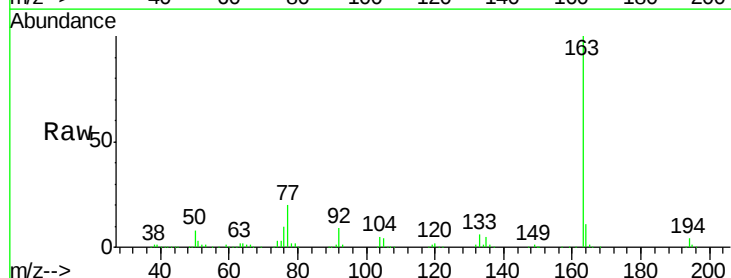
Tgt Ion:163 Resp: 516422

Ion Ratio Lower Upper

163 100

194 4.5 4.1 6.1

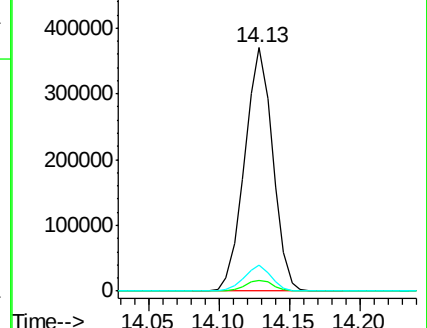
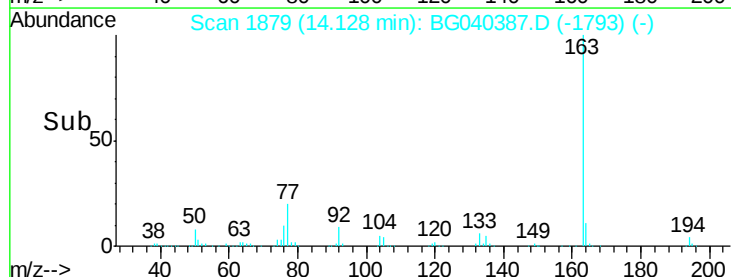
164 10.7 8.6 13.0

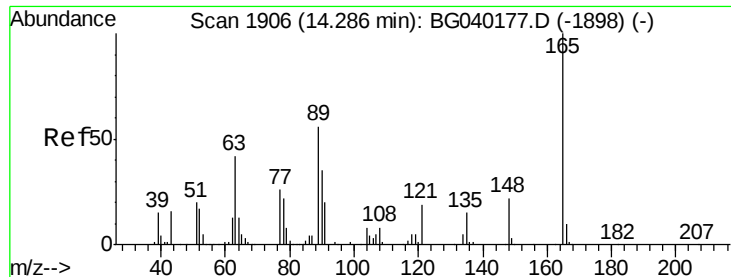


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

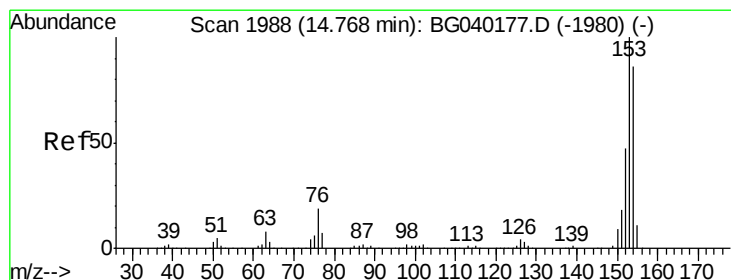
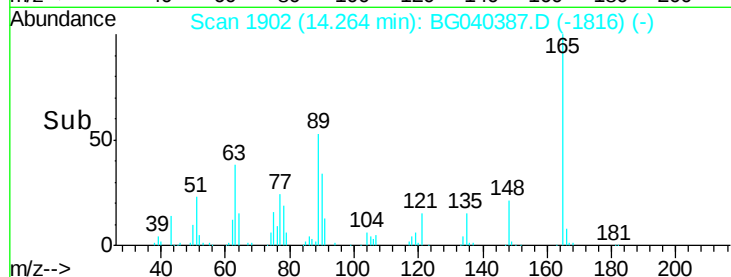
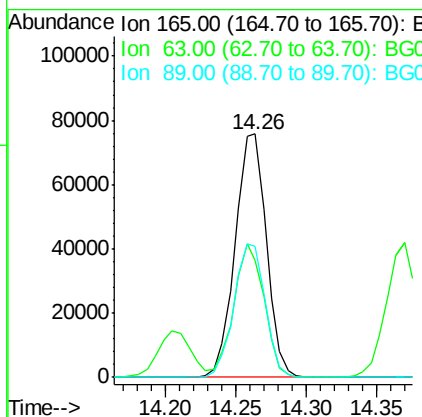
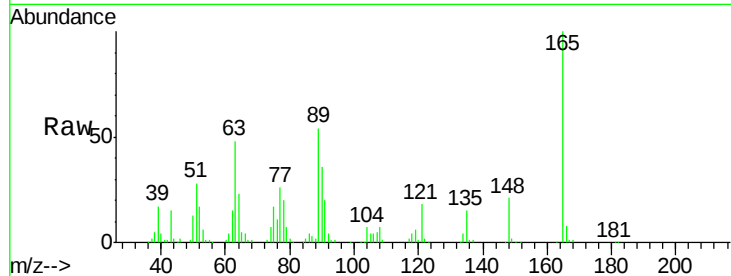




#51
 2,6-Dinitrotoluene
 Concen: 41.072 ng
 RT: 14.26 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

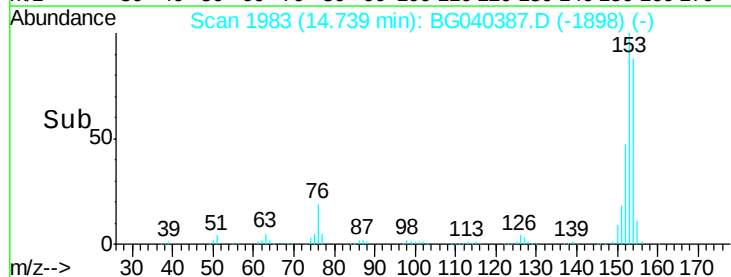
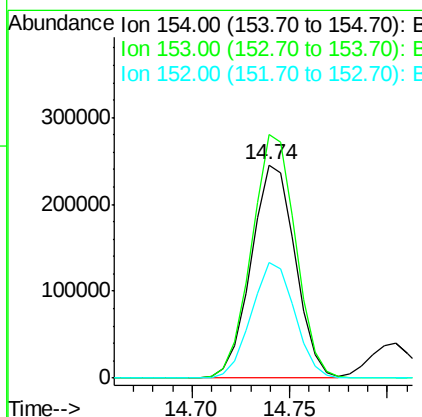
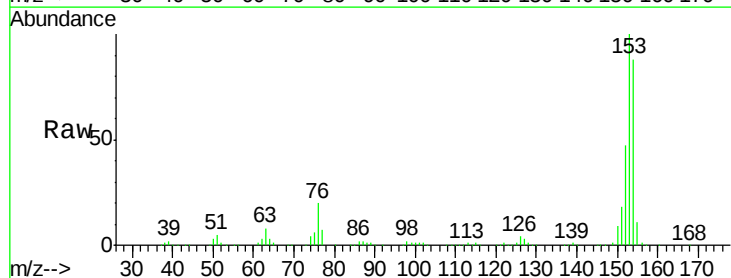
Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

Tot Ion:165 Resp: 117064
 Ion Ratio Lower Upper
 165 100
 63 48.0 44.1 66.1
 89 54.0 44.9 67.3



#52
 Acenaphthene
 Concen: 40.229 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.03 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Tgt Ion:154 Resp: 384193
 Ion Ratio Lower Upper
 154 100
 153 114.2 92.8 139.2
 152 54.0 43.4 65.2





#53

3-Nitroaniline

Concen: 29.211 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

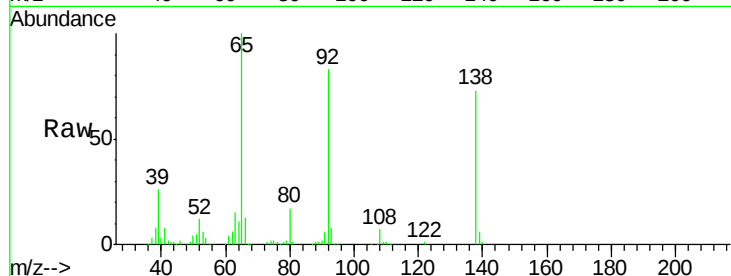
Tot Ion:138 Resp: 88129

Ion Ratio Lower Upper

138 100

108 9.4 7.8 11.8

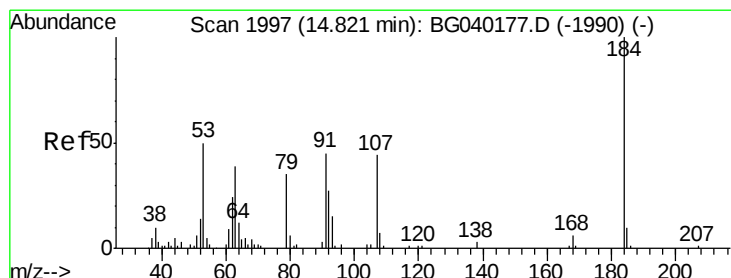
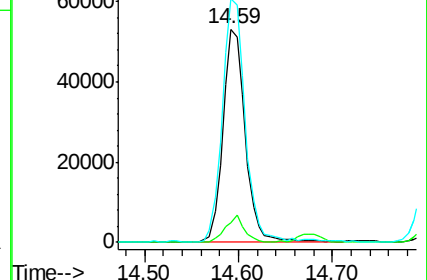
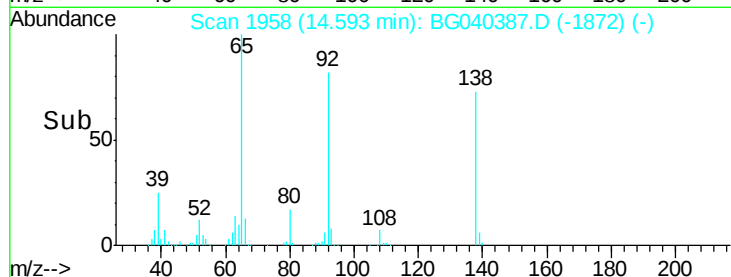
92 114.2 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 77.983 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

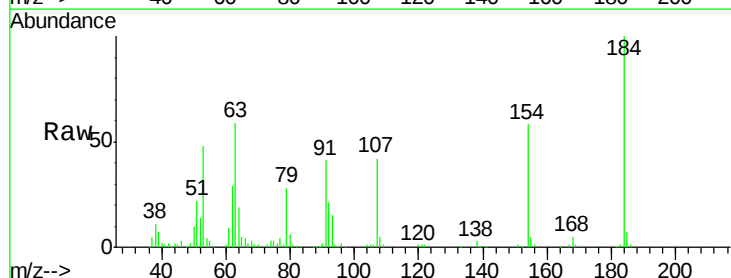
Tgt Ion:184 Resp: 118206

Ion Ratio Lower Upper

184 100

63 59.2 51.8 77.8

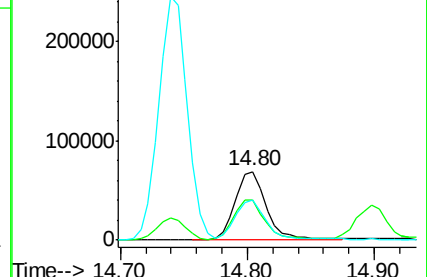
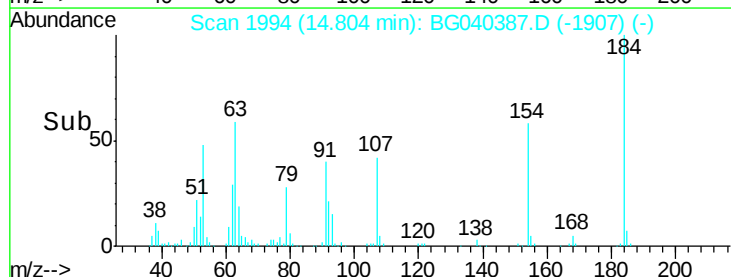
154 57.9 50.9 76.3

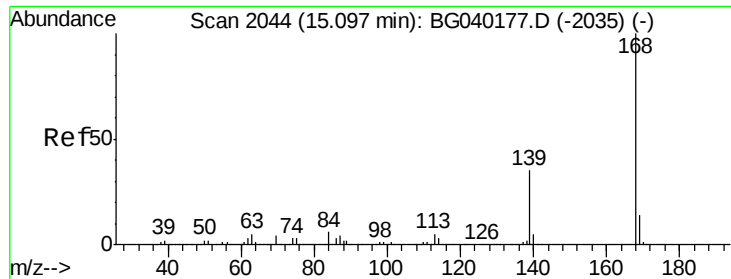


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

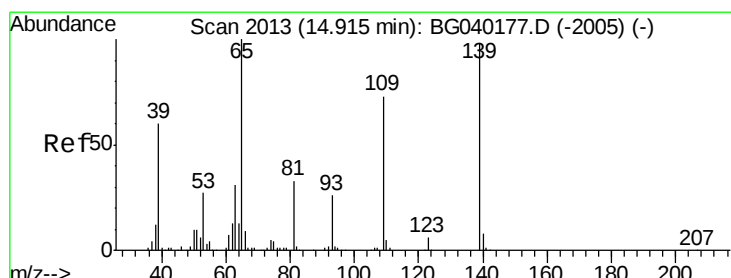
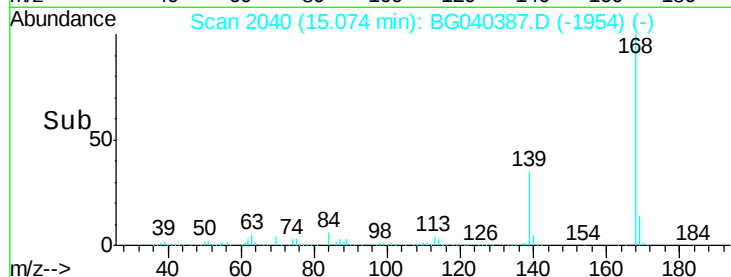
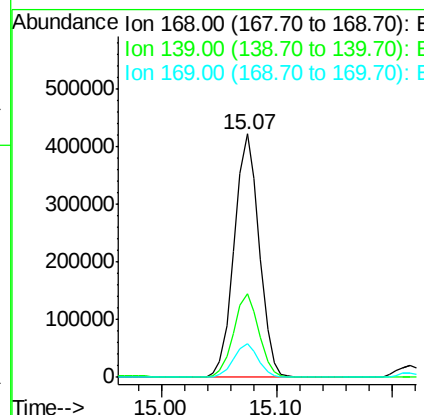
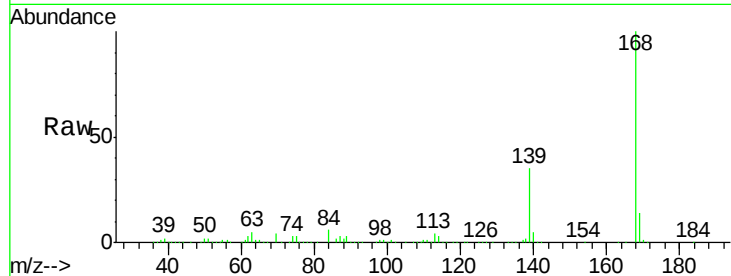




#55
Dibenzofuran
Concen: 41.075 ng
RT: 15.07 min Scan# 2040
Delta R.T. -0.02 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

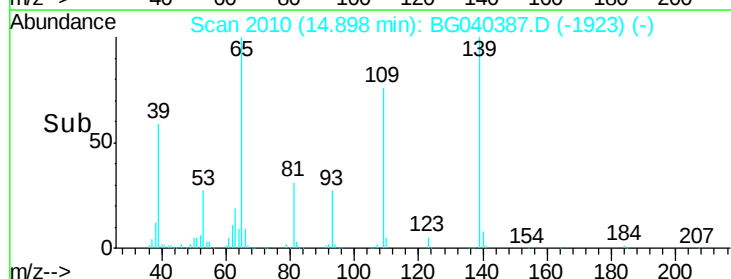
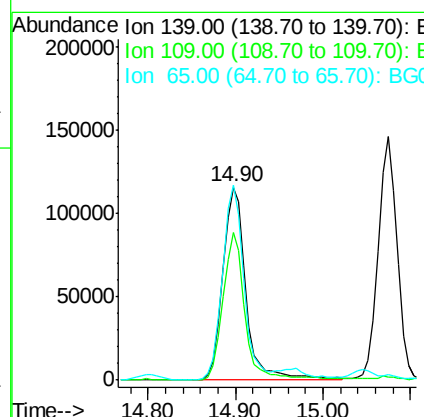
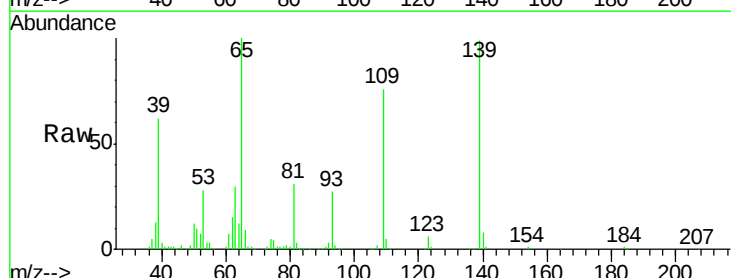
Instrument :
BNA_G
ClientSampleId :
PB118634BS

Tot Ion:168 Resp: 630332
Ion Ratio Lower Upper
168 100
139 34.6 27.9 41.9
169 14.1 11.3 16.9



#56
4-Nitrophenol
Concen: 87.459 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

Tgt Ion:139 Resp: 212960
Ion Ratio Lower Upper
139 100
109 76.3 54.3 94.3
65 100.7 82.5 122.5

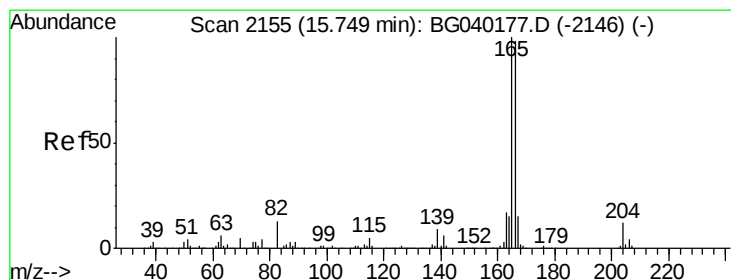
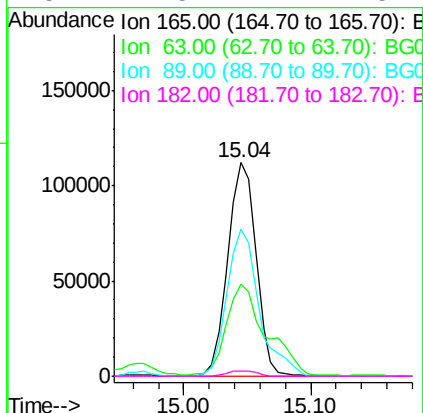
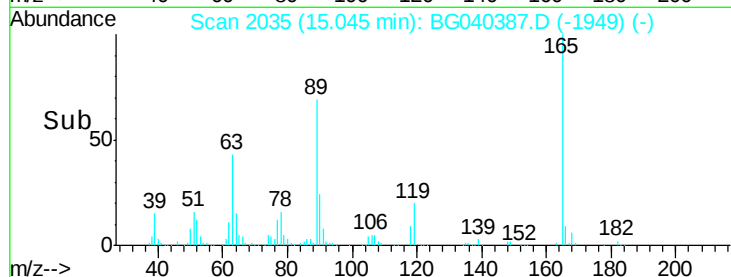
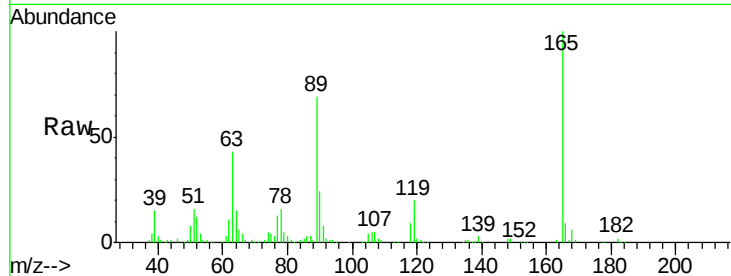




#57
2,4-Dinitrotoluene
Concen: 43.543 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.02 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

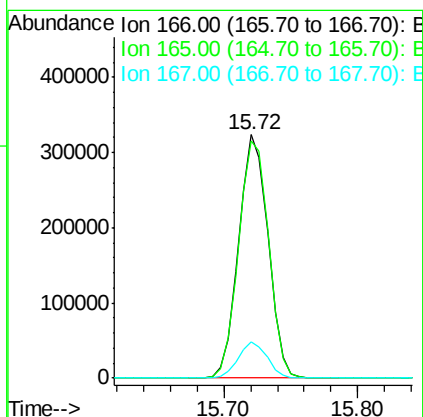
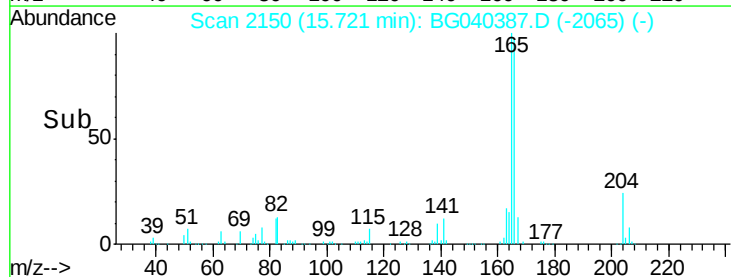
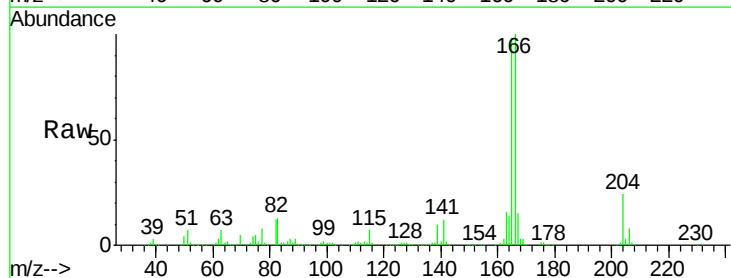
Instrument :
BNA_G
ClientSampleId :
PB118634BS

Tot Ion:165 Resp: 172445
Ion Ratio Lower Upper
165 100
63 43.2 33.8 50.6
89 68.7 55.4 83.2
182 2.5 2.2 3.4



#58
Fluorene
Concen: 40.742 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.03 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

Tgt Ion:166 Resp: 491553
Ion Ratio Lower Upper
166 100
165 97.6 81.7 122.5
167 14.9 11.9 17.9

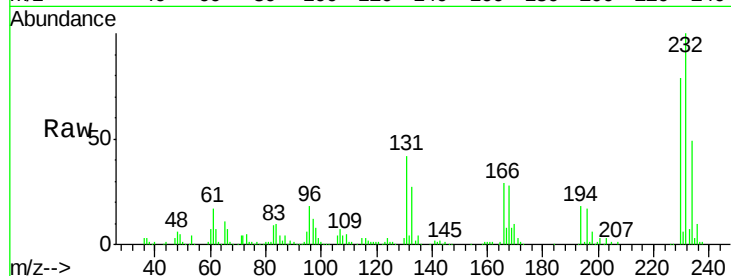




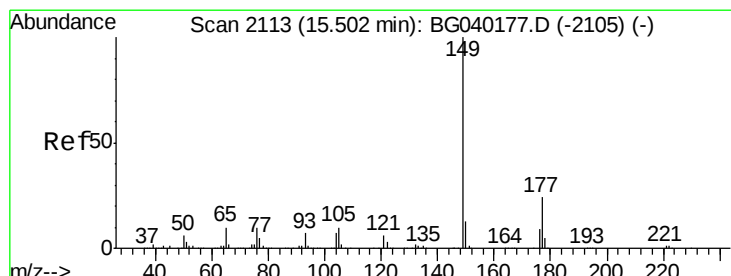
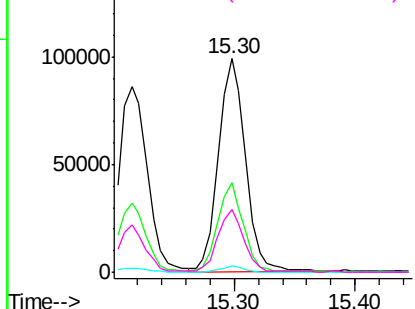
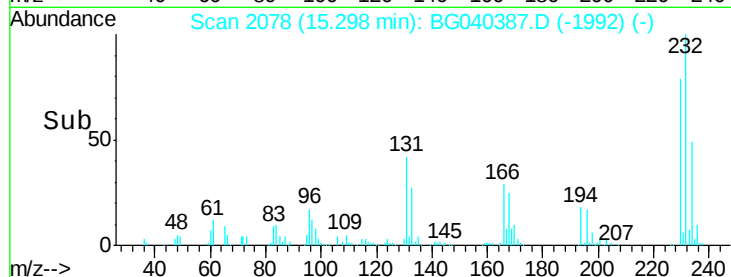
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.427 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

Tot Ion:	232	Resp:	152620
Ion	Ratio	Lower	Upper
232	100		
131	39.5	32.9	49.3
130	2.4	1.8	2.8
166	27.4	23.5	35.3

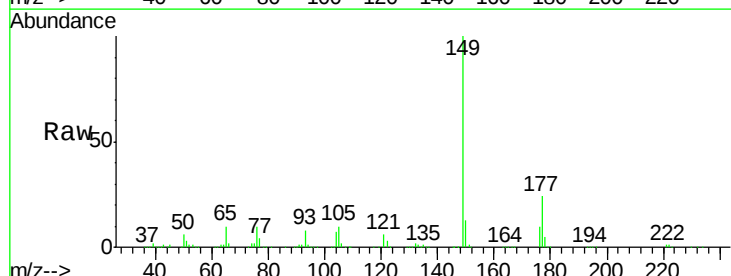


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

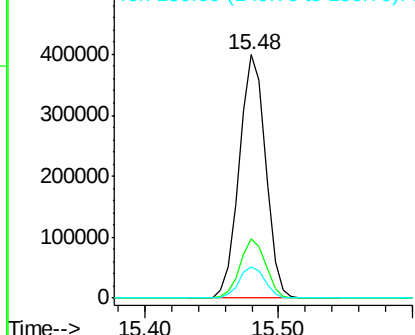
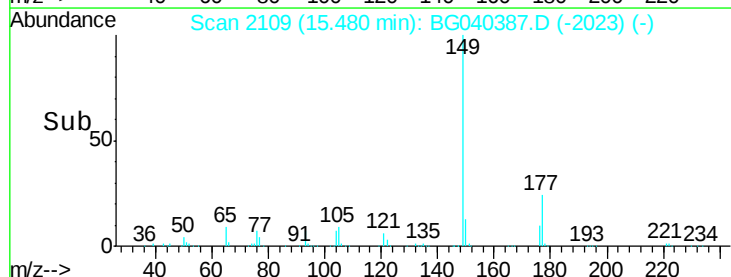


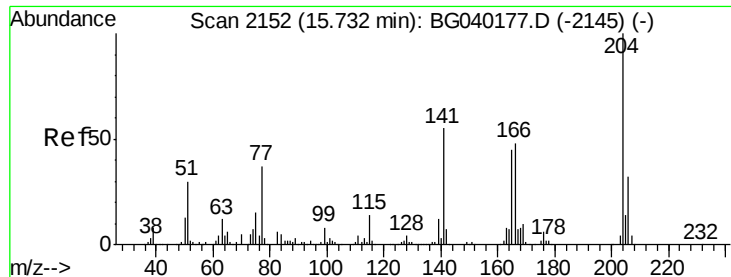
#60
 Diethylphthalate
 Concen: 41.942 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Tgt Ion:	149	Resp:	544791
Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.1	28.7
150	13.0	10.6	15.8



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

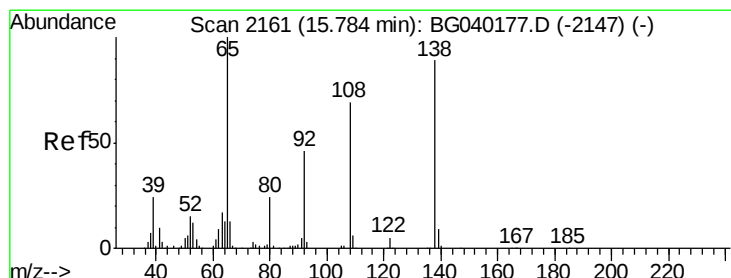
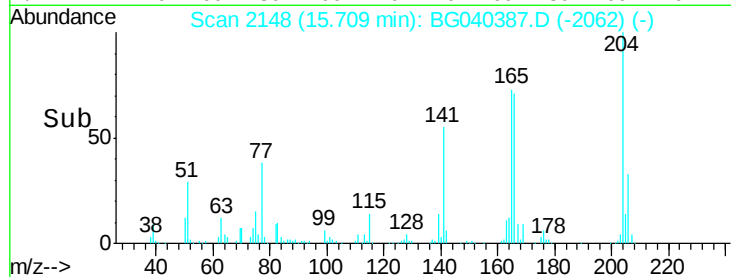
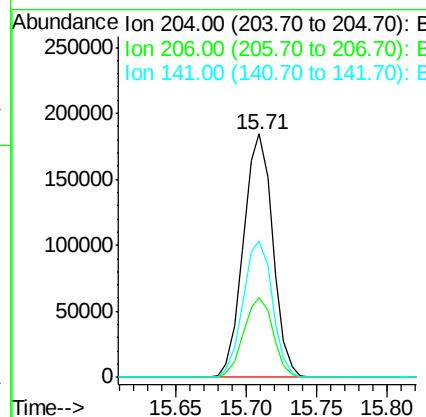
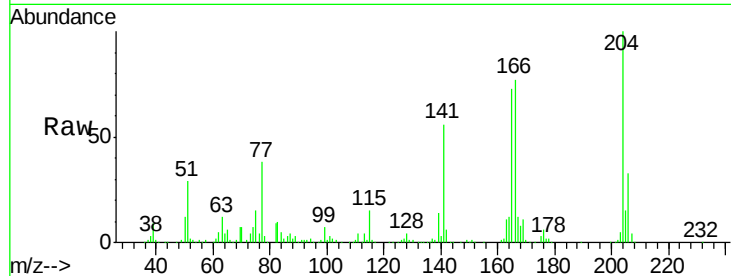




#61
 4-Chlorophenyl-phenylether
 Concen: 41.591 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

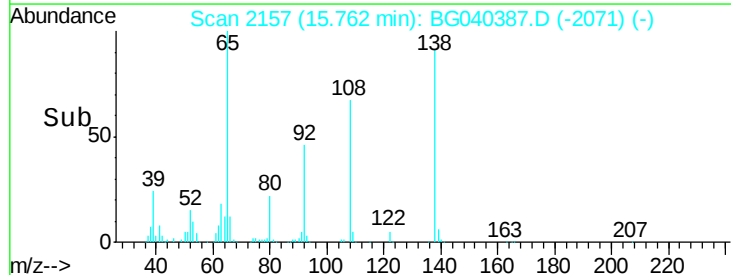
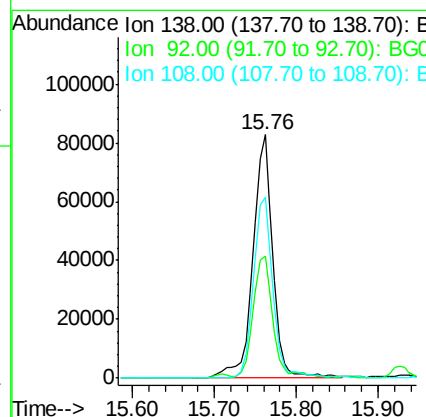
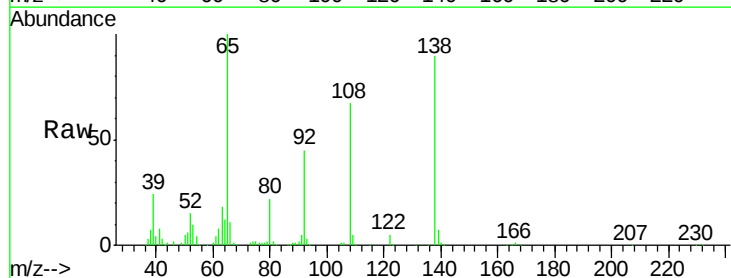
Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

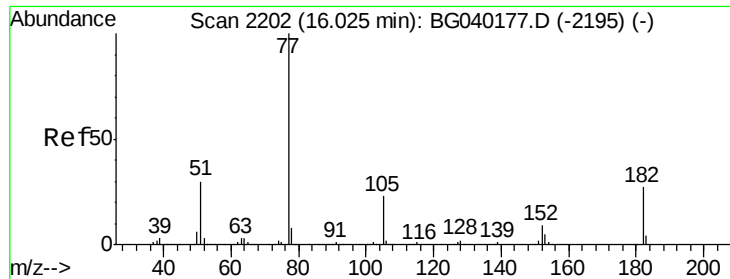
Tot Ion:204 Resp: 268226
 Ion Ratio Lower Upper
 204 100
 206 33.0 25.7 38.5
 141 55.8 44.0 66.0



#62
 4-Nitroaniline
 Concen: 43.320 ng
 RT: 15.76 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Tgt Ion:138 Resp: 140259
 Ion Ratio Lower Upper
 138 100
 92 50.1 31.8 71.8
 108 74.2 57.2 97.2





#63

Azobenzene

Concen: 40.967 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

Tot Ion: 77 Resp: 501943

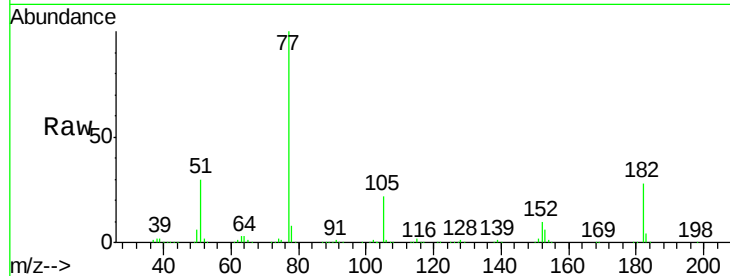
Ion Ratio Lower Upper

77 100

182 28.0 7.2 47.2

105 22.2 2.8 42.8

51 29.6 10.4 50.4

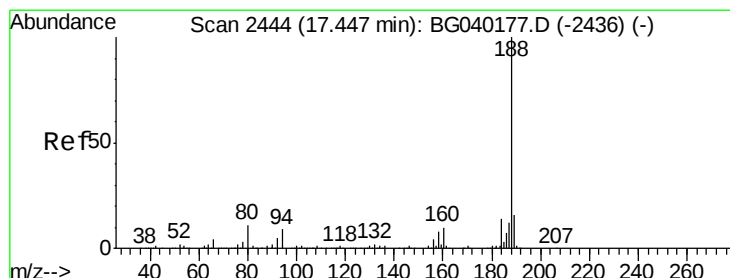
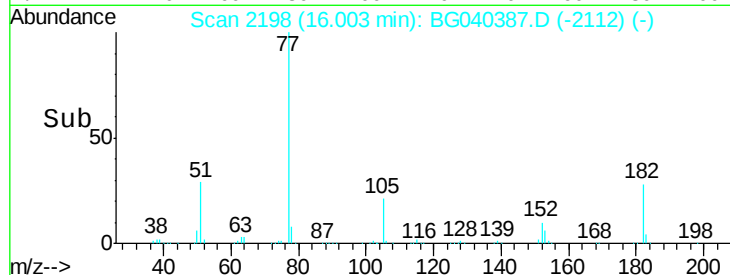
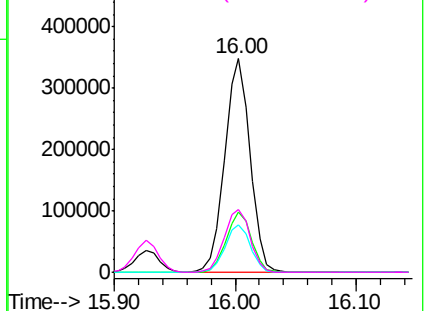


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

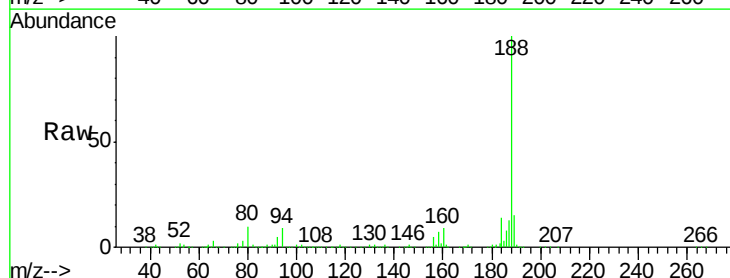
Tgt Ion: 188 Resp: 407354

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

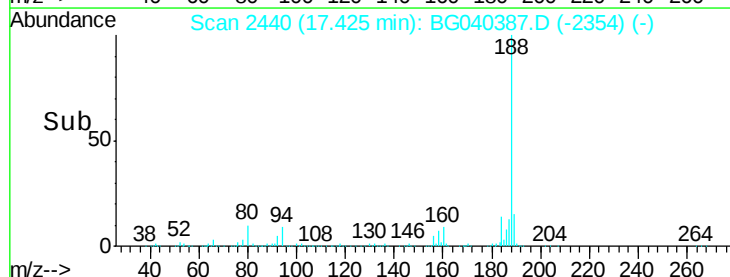
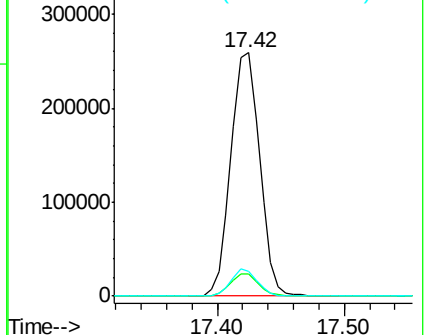
80 10.0 8.6 13.0

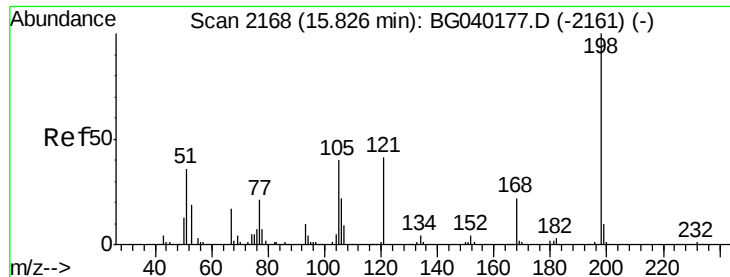


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 41.835 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

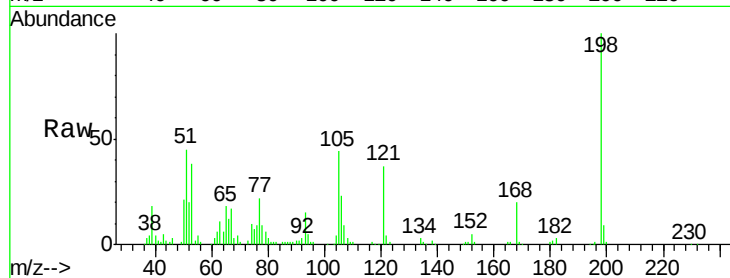
Tot Ion:198 Resp: 95744

Ion Ratio Lower Upper

198 100

51 44.9 27.3 67.3

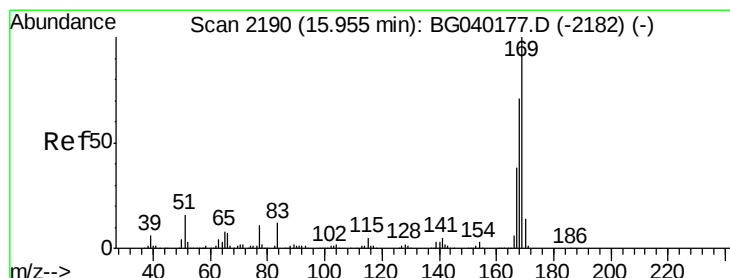
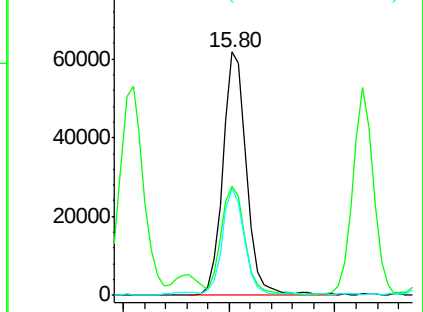
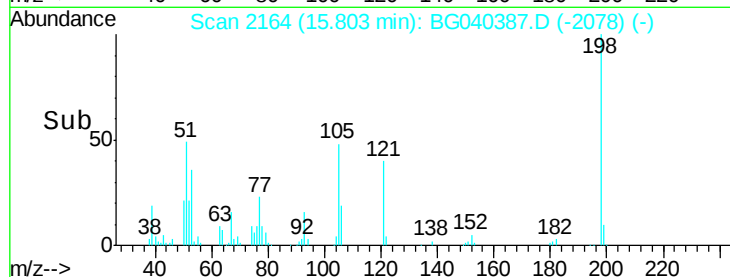
105 43.6 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.590 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

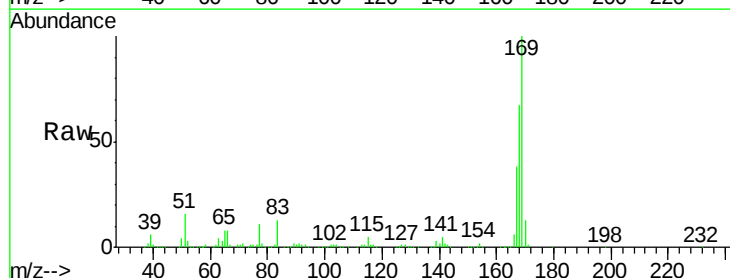
Tgt Ion:169 Resp: 471921

Ion Ratio Lower Upper

169 100

168 67.1 56.8 85.2

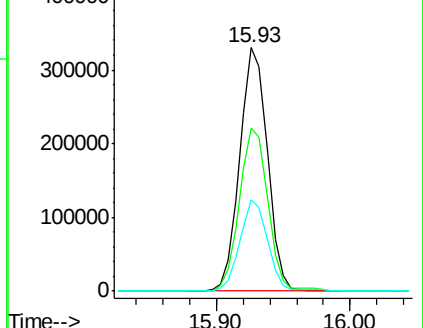
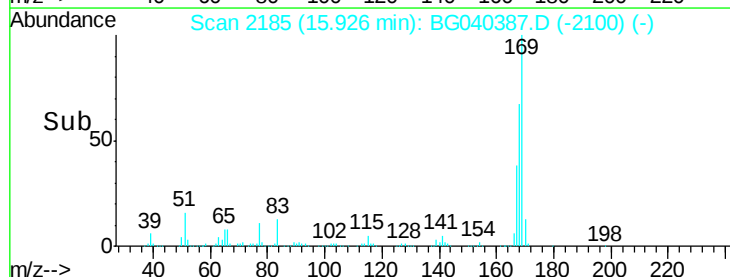
167 37.7 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

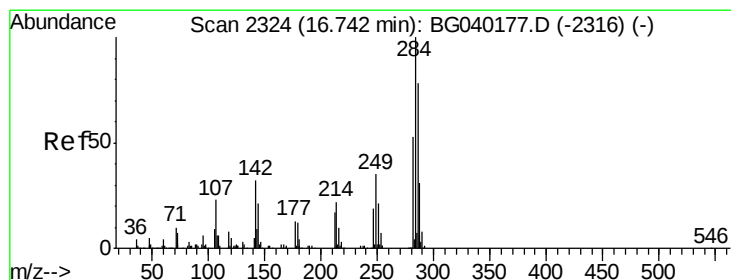
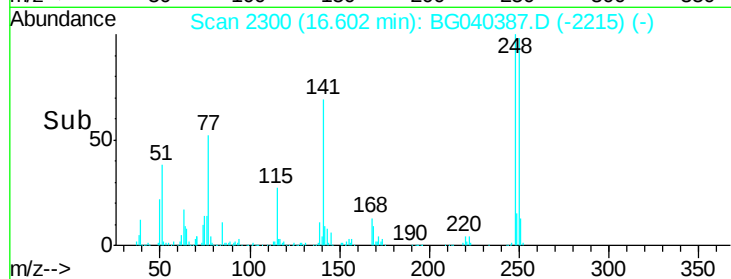
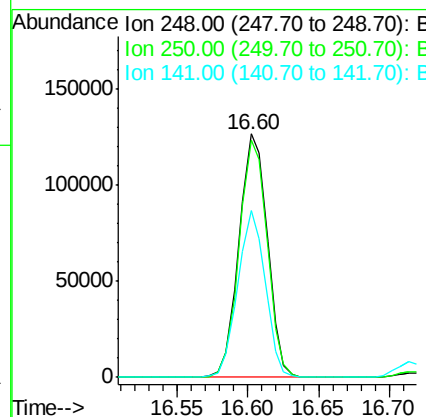
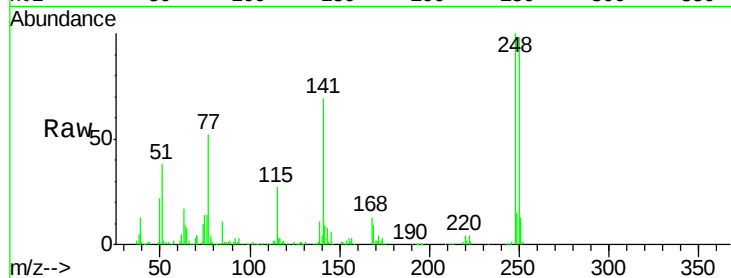




#67
 4-Bromophenyl-phenylether
 Concen: 38.809 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

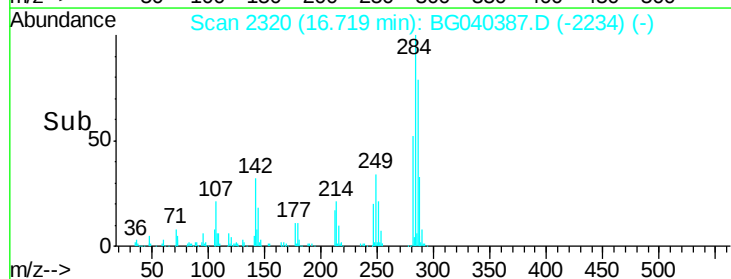
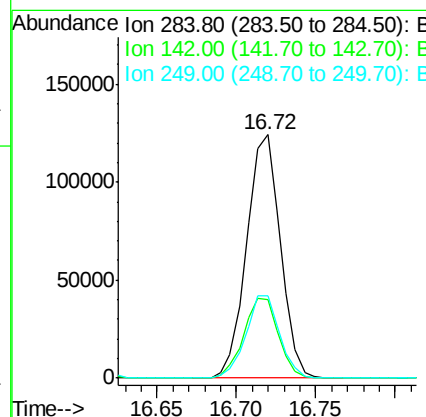
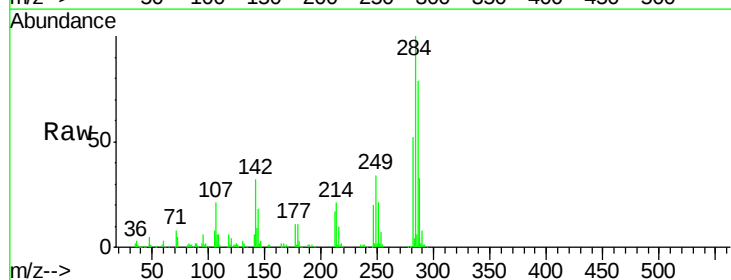
Instrument :
 BNA_G
 ClientSampleId :
 PB118634BS

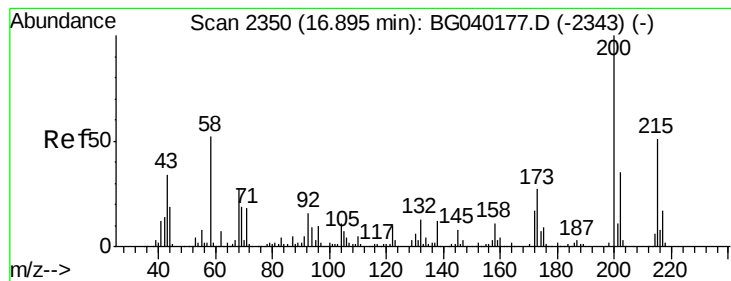
Tot Ion:248 Resp: 177907
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.4 114.6
 141 68.8 53.8 80.8



#68
 Hexachlorobenzene
 Concen: 39.801 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.02 min
 Lab File: BG040387.D
 Acq: 5 Apr 2019 21:45

Tgt Ion:284 Resp: 183448
 Ion Ratio Lower Upper
 284 100
 142 32.2 25.3 37.9
 249 33.7 28.2 42.2





#69

Atrazine

Concen: 39.503 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

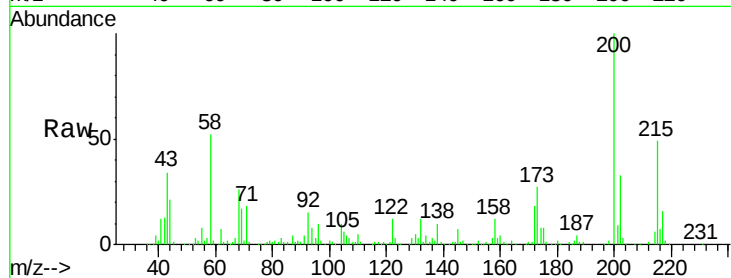
Tot Ion:200 Resp: 175165

Ion Ratio Lower Upper

200 100

173 26.8 7.1 47.1

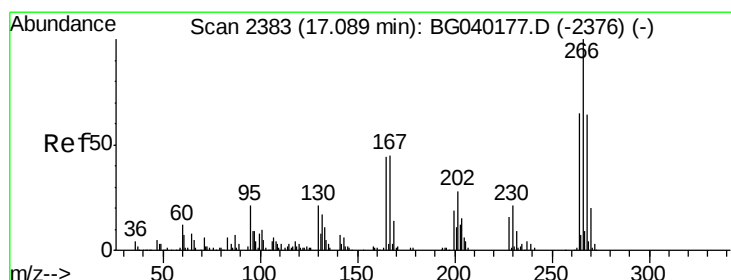
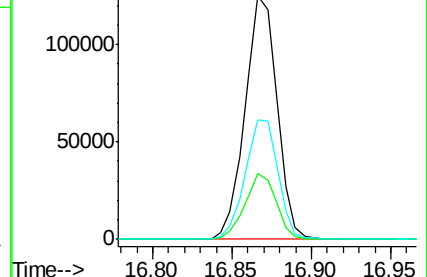
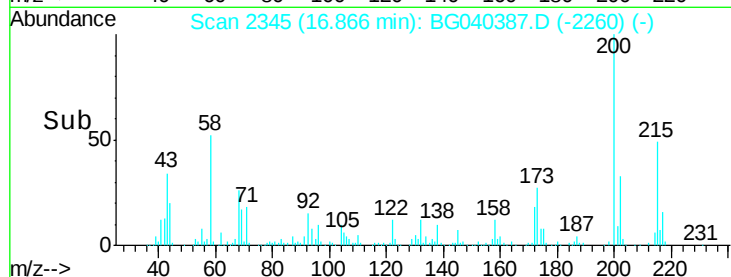
215 49.2 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 77.254 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

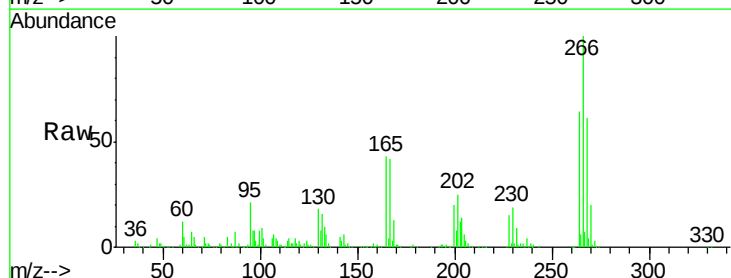
Tgt Ion:266 Resp: 205863

Ion Ratio Lower Upper

266 100

268 61.2 55.0 82.4

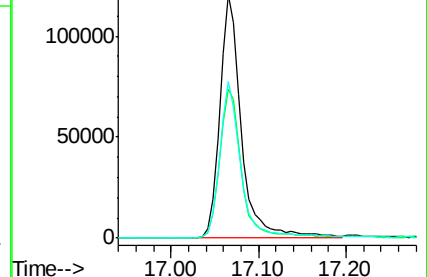
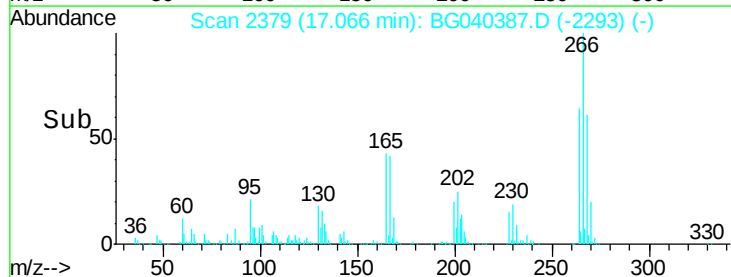
264 64.4 51.8 77.8

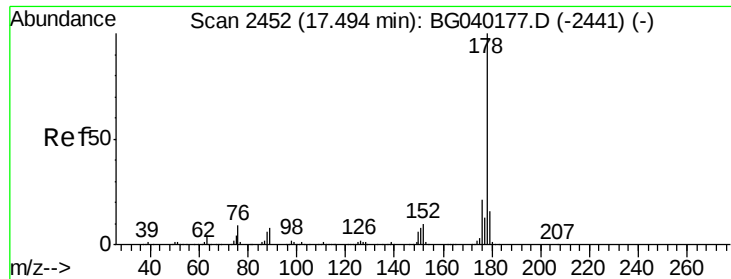


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

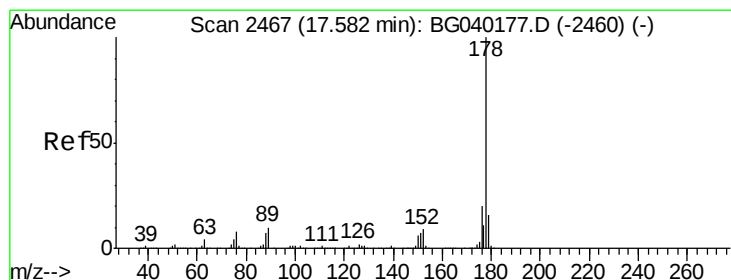
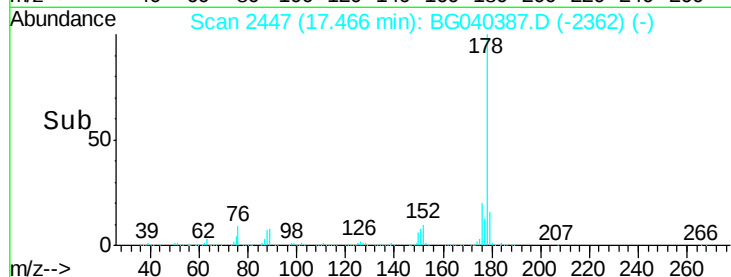
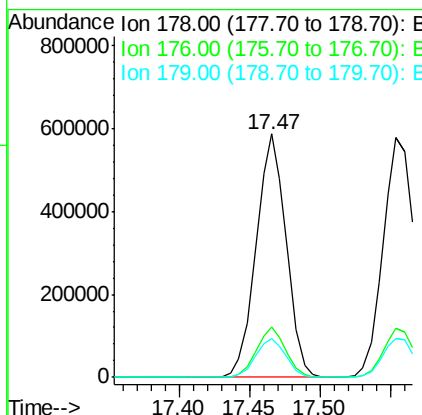
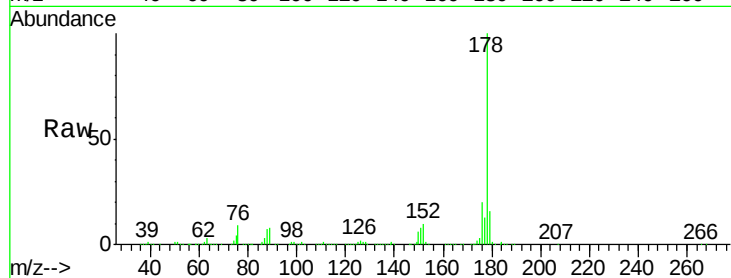




#71
Phenanthrene
Concen: 40.915 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

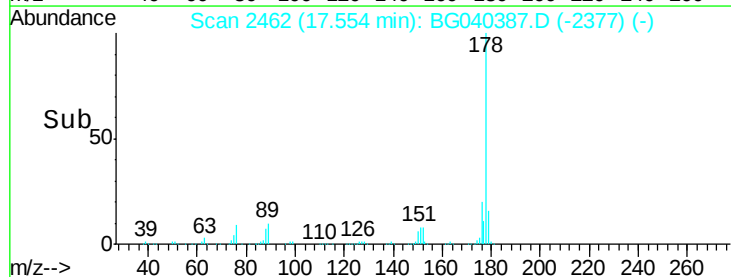
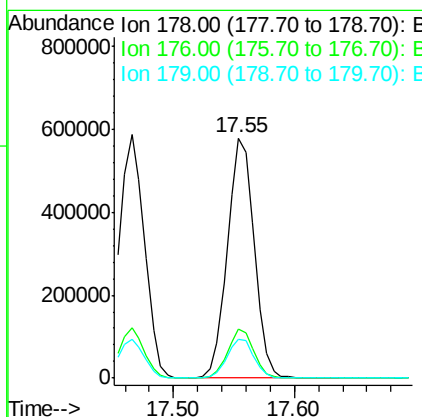
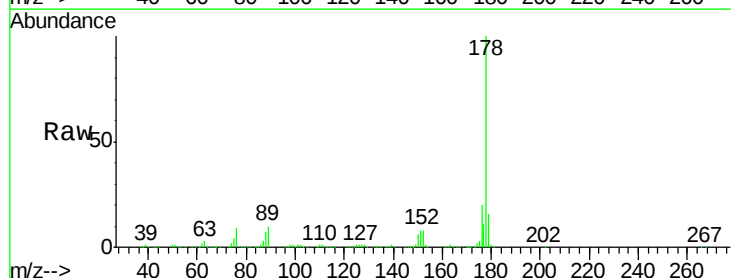
Instrument :
BNA_G
ClientSampleId :
PB118634BS

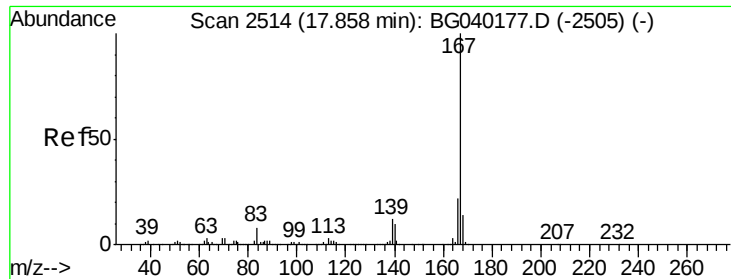
Tot Ion:178 Resp: 876040
Ion Ratio Lower Upper
178 100
176 20.4 16.7 25.1
179 15.9 12.8 19.2



#72
Anthracene
Concen: 41.614 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

Tgt Ion:178 Resp: 891835
Ion Ratio Lower Upper
178 100
176 20.3 15.9 23.9
179 16.3 12.9 19.3





#73

Carbazole

Concen: 42.905 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

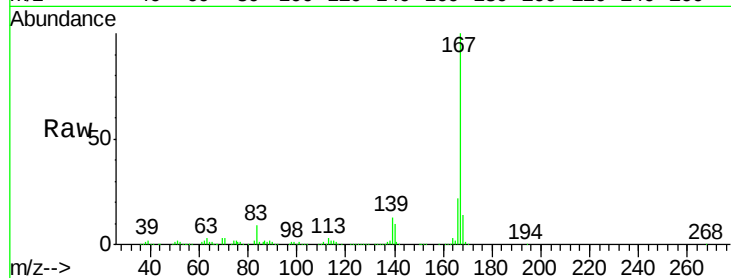
Tot Ion:167 Resp: 870197

Ion Ratio Lower Upper

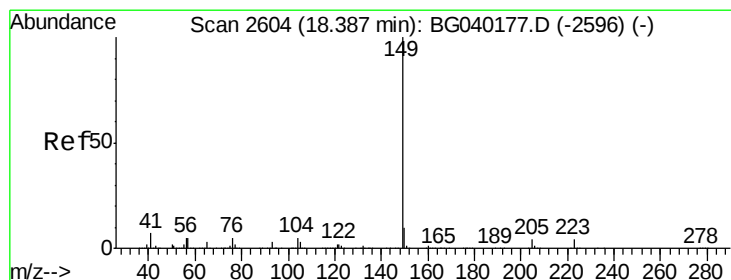
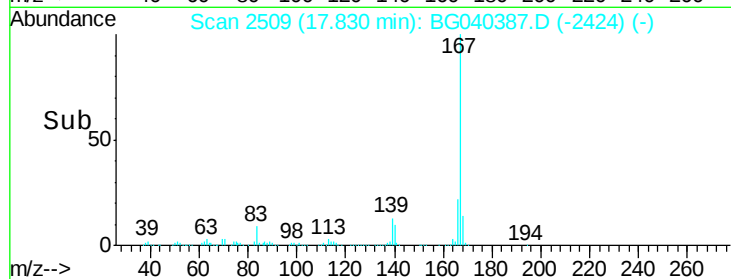
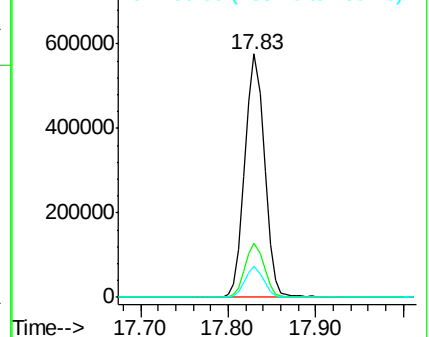
167 100

166 22.3 17.5 26.3

139 12.6 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.336 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

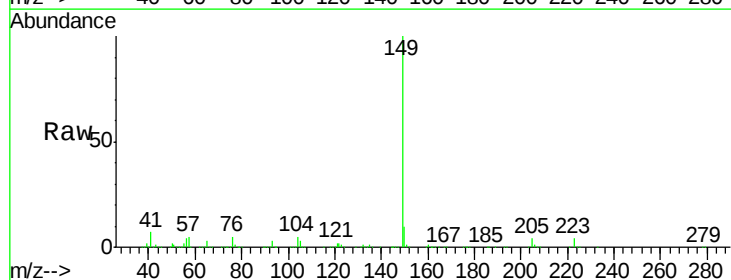
Tgt Ion:149 Resp: 1017807

Ion Ratio Lower Upper

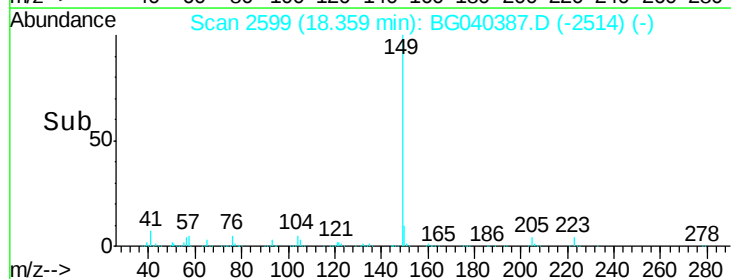
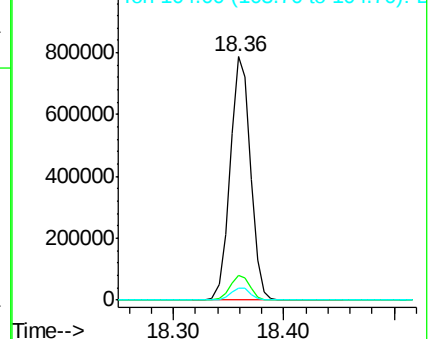
149 100

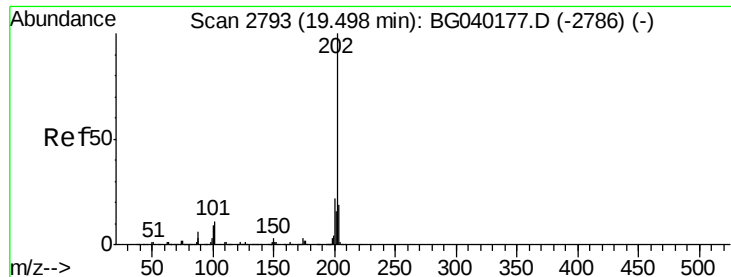
150 10.3 7.9 11.9

104 5.1 4.1 6.1



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





#75

Fluoranthene

Concen: 44.414 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

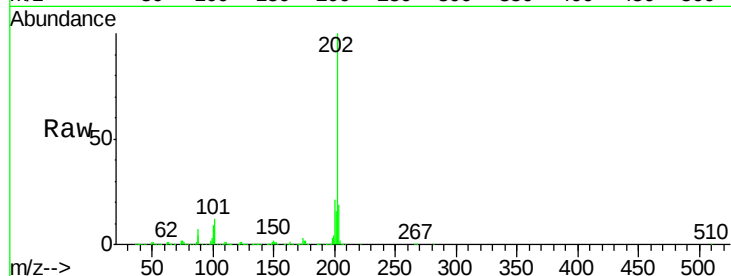
Tot Ion:202 Resp: 1126054

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.8

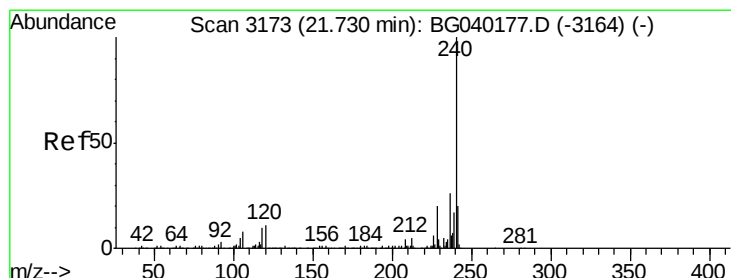
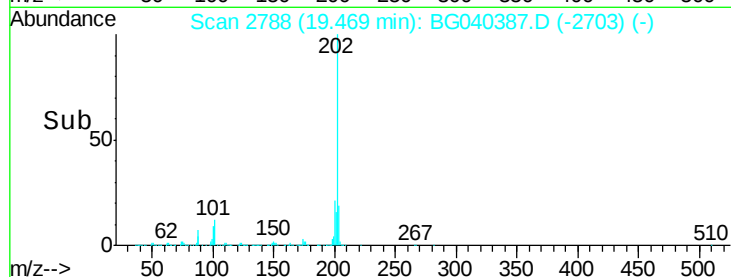
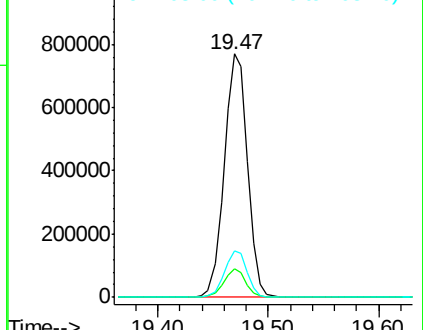
203 19.1 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

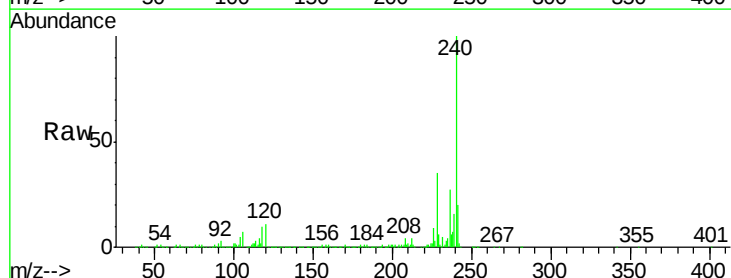
Tgt Ion:240 Resp: 456415

Ion Ratio Lower Upper

240 100

120 10.5 8.4 12.6

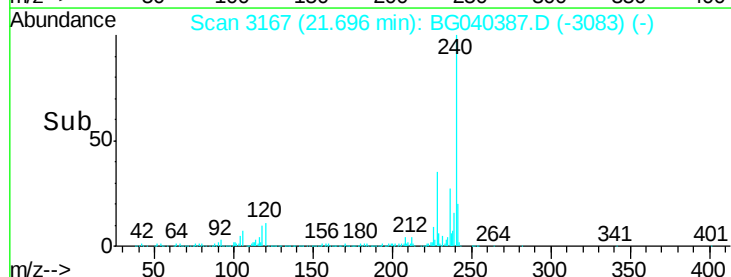
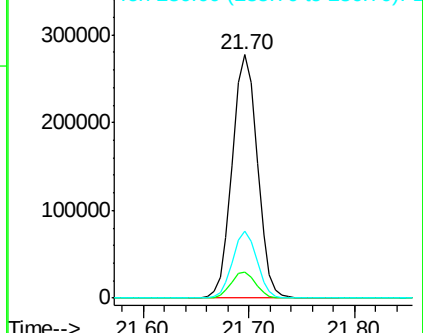
236 27.3 20.8 31.2

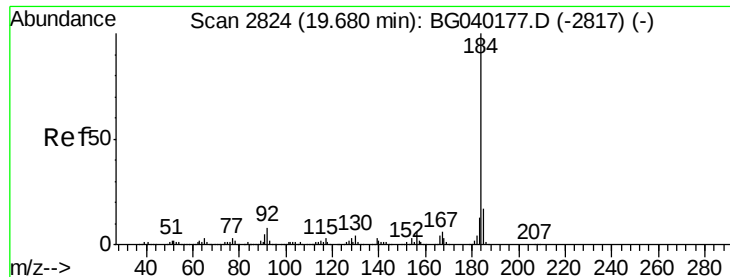


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.911 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

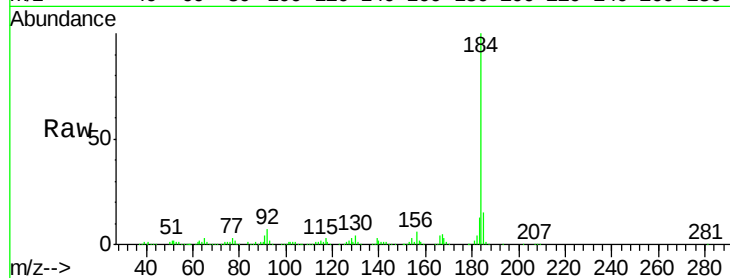
Tot Ion:184 Resp: 460026

Ion Ratio Lower Upper

184 100

185 14.9 13.3 19.9

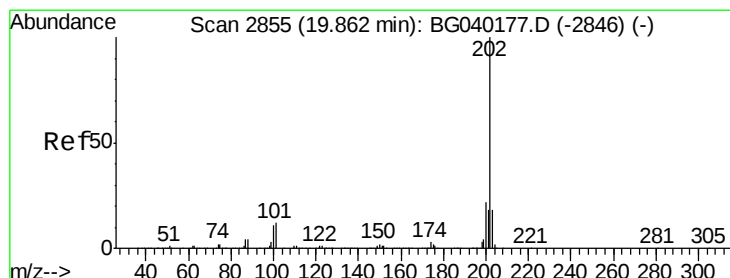
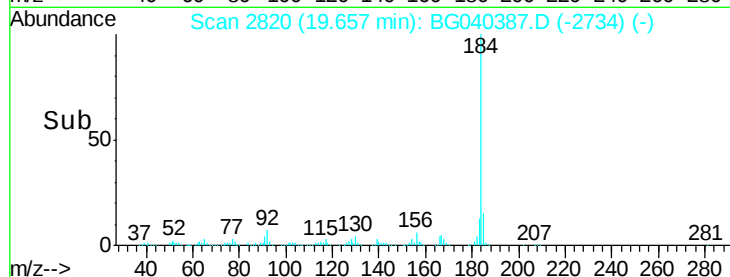
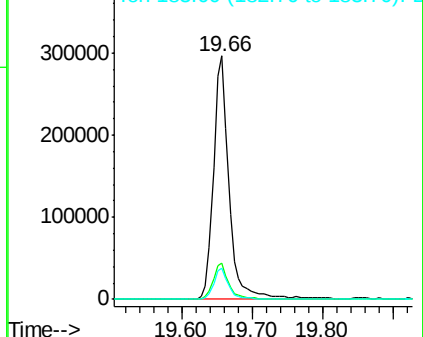
183 12.7 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.810 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

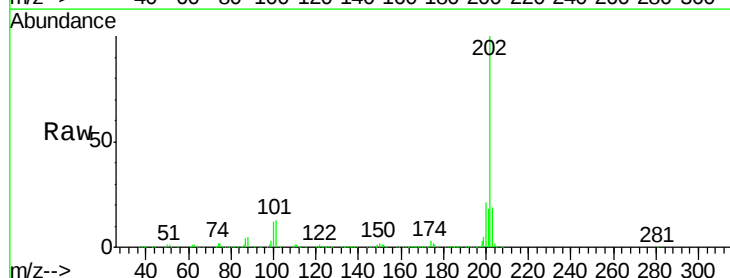
Tgt Ion:202 Resp: 1134844

Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

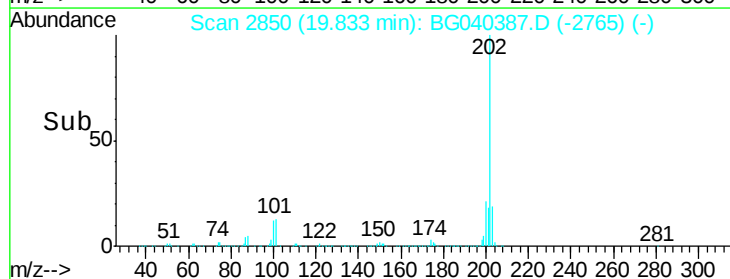
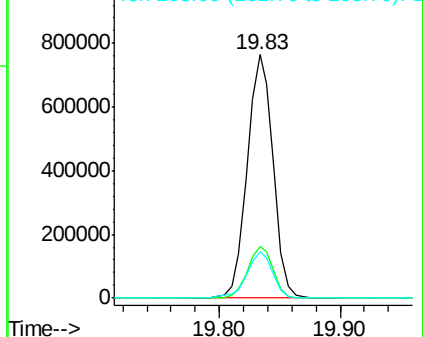
203 19.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.262 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

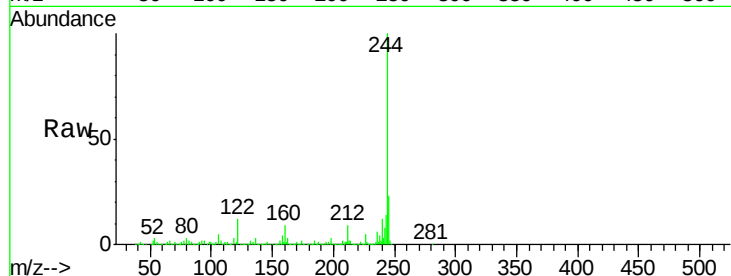
Tot Ion:244 Resp: 1587795

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

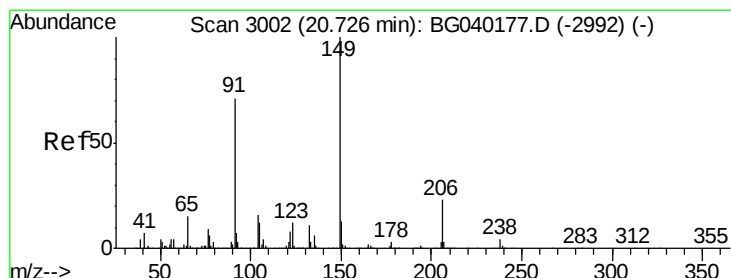
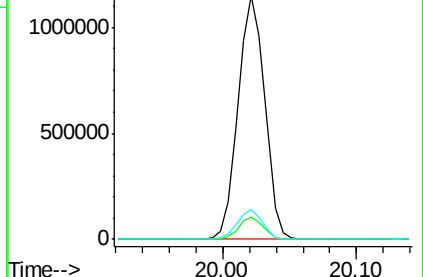
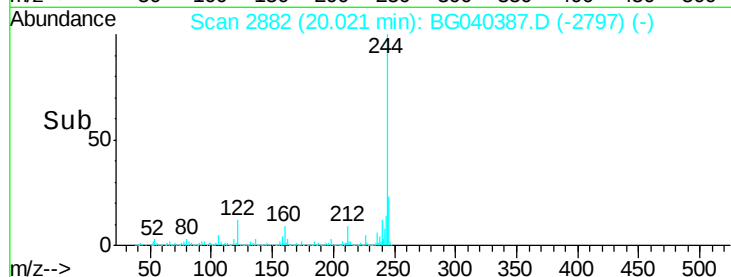
122 12.0 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.183 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

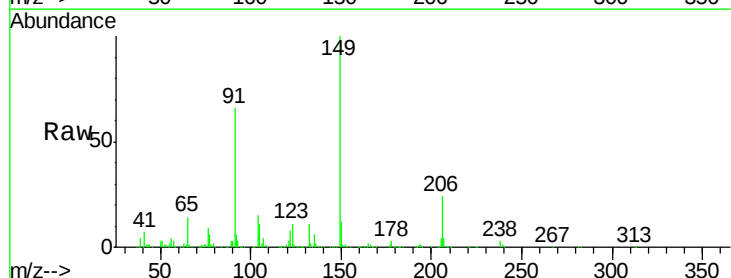
Tgt Ion:149 Resp: 516091

Ion Ratio Lower Upper

149 100

91 66.0 57.0 85.4

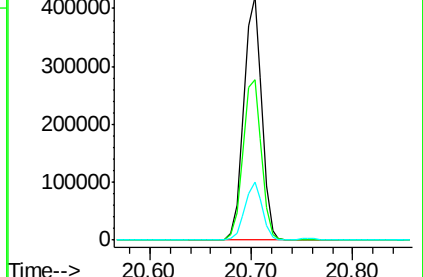
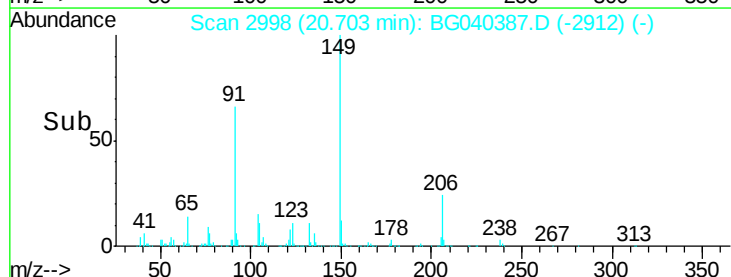
206 24.0 18.2 27.4

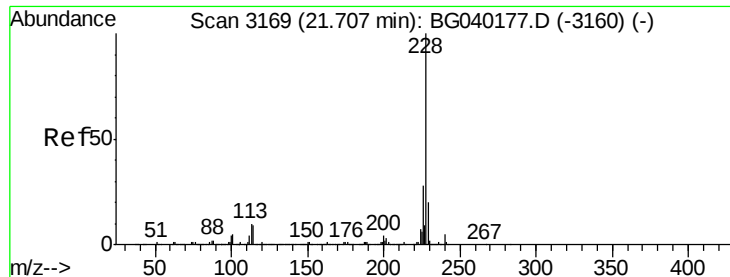


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.352 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

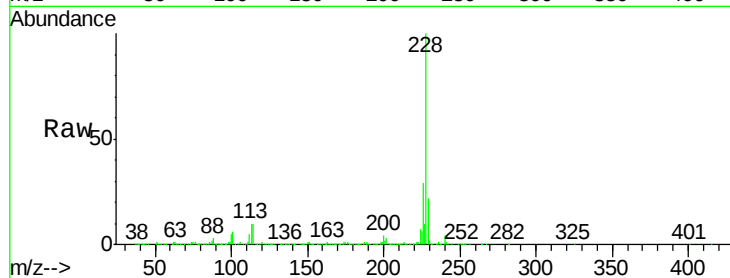
Tot Ion:228 Resp: 1078184

Ion Ratio Lower Upper

228 100

226 29.2 22.6 34.0

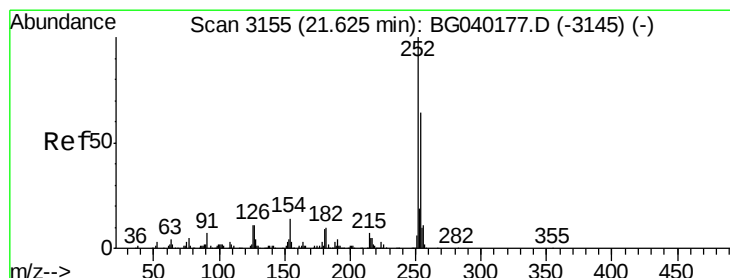
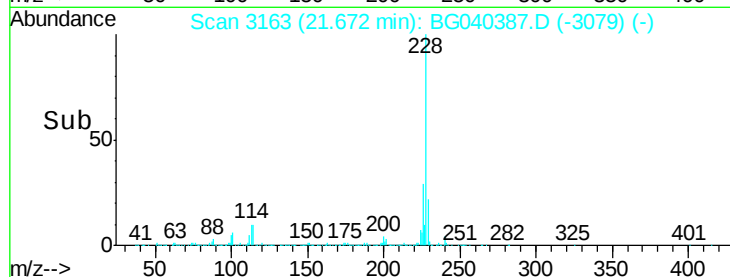
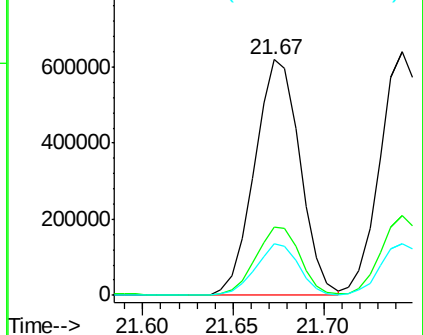
229 21.7 16.1 24.1



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



#82

3,3'-Dichlorobenzidine

Concen: 28.764 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

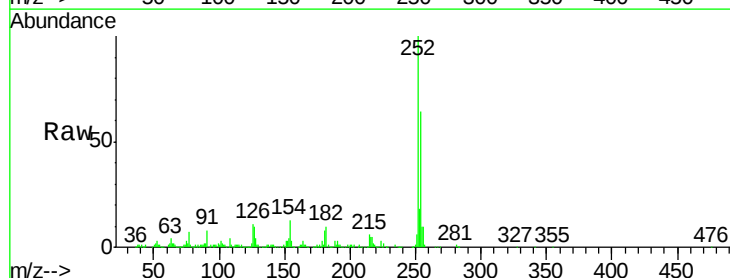
Tgt Ion:252 Resp: 307609

Ion Ratio Lower Upper

252 100

254 63.7 51.4 77.2

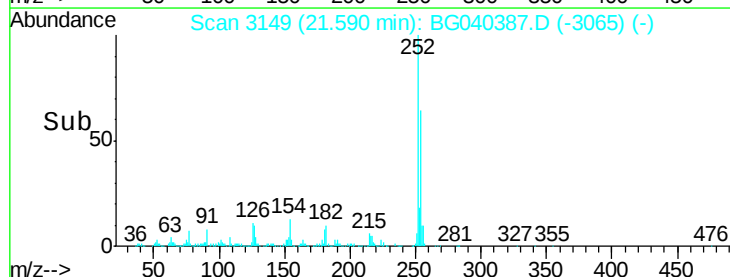
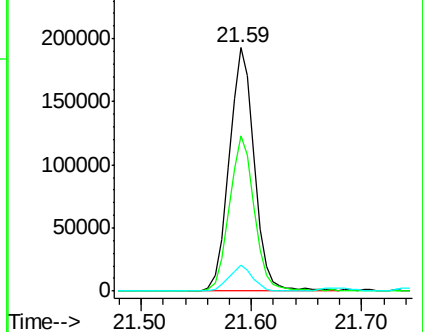
126 10.6 8.5 12.7

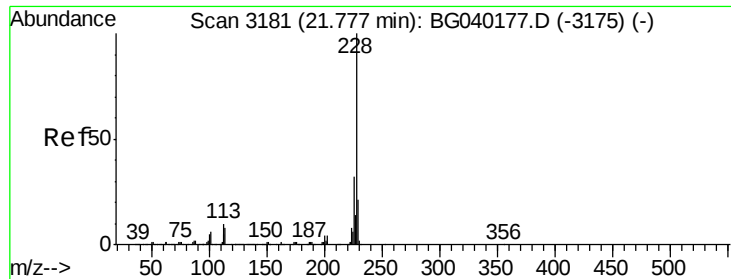


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.712 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

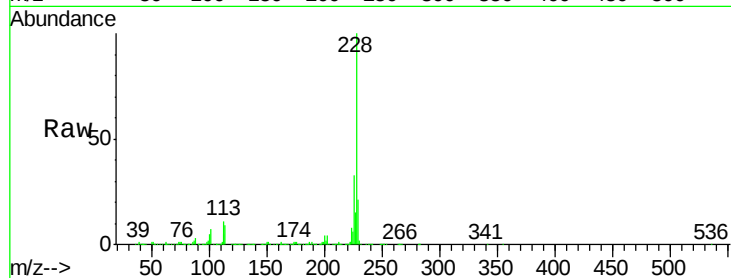
Tot Ion:228 Resp: 1072944

Ion Ratio Lower Upper

228 100

226 32.7 25.4 38.0

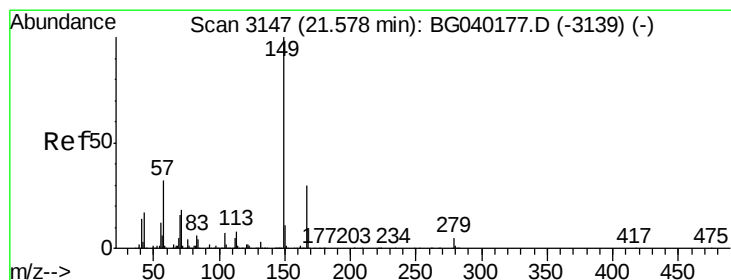
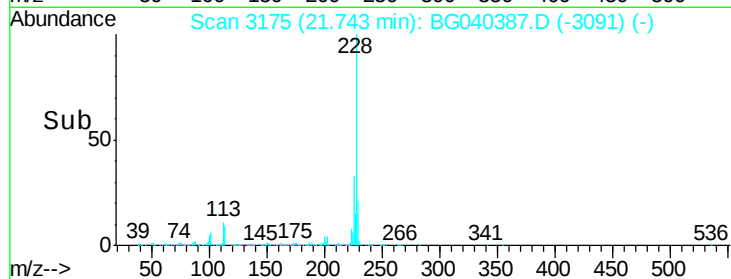
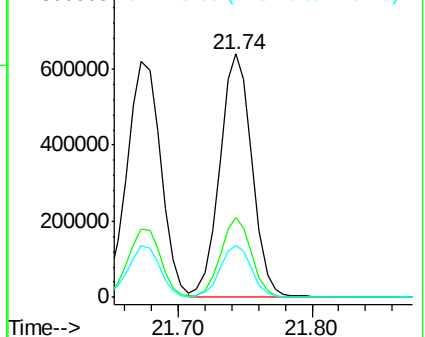
229 21.2 17.0 25.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.854 ng

RT: 21.54 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

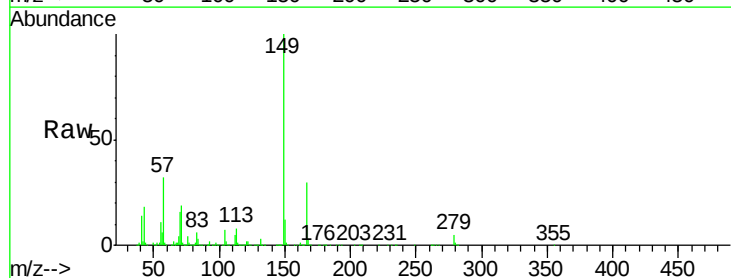
Tgt Ion:149 Resp: 731705

Ion Ratio Lower Upper

149 100

167 29.6 24.1 36.1

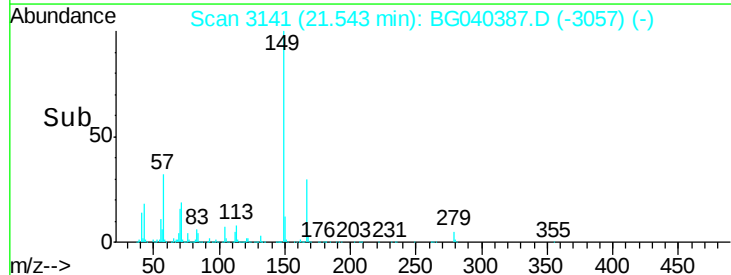
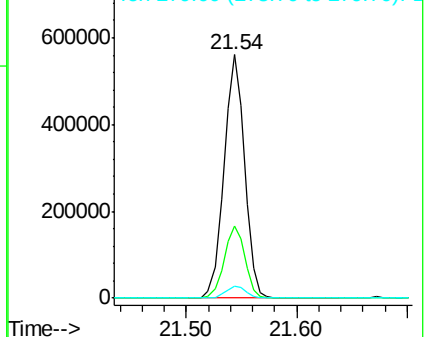
279 4.9 4.1 6.1

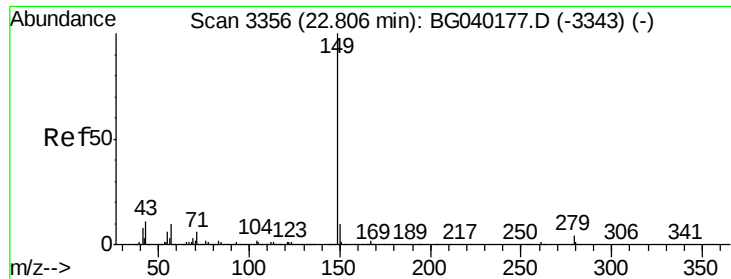


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.467 ng

RT: 22.77 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

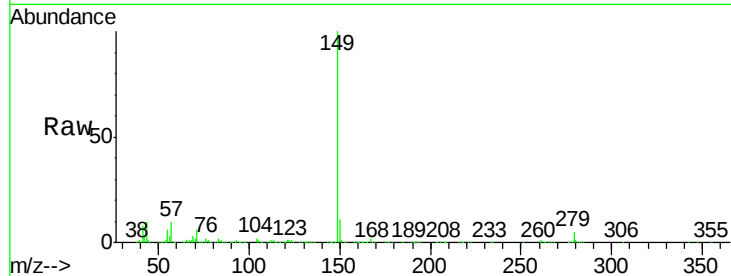
Tot Ion:149 Resp: 1265814

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

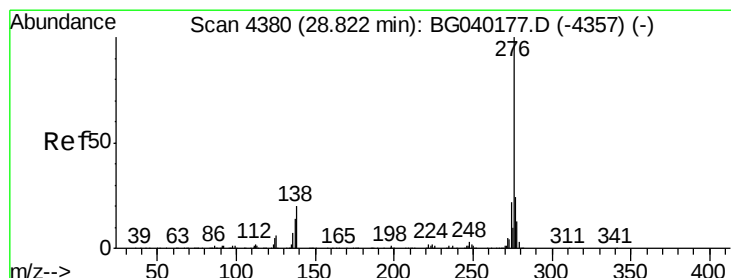
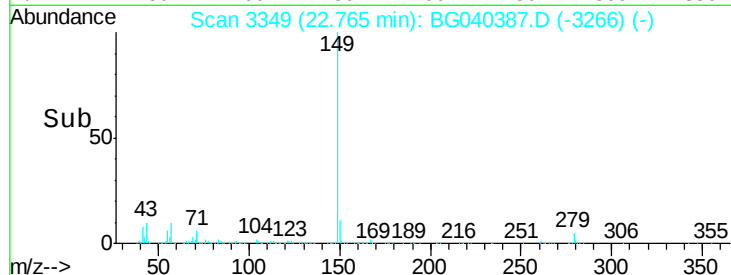
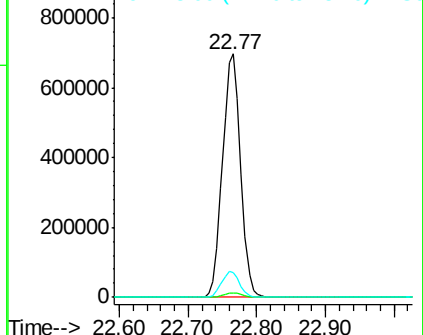
43 10.5 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.513 ng

RT: 28.72 min Scan# 4363

Delta R.T. -0.10 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

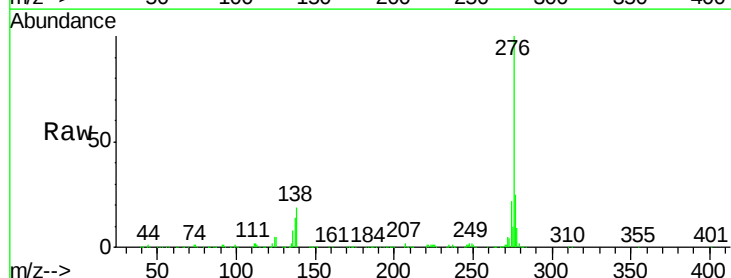
Tgt Ion:276 Resp: 1371796

Ion Ratio Lower Upper

276 100

138 23.6 18.8 28.2

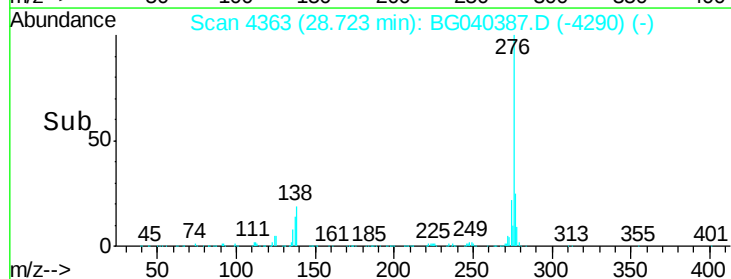
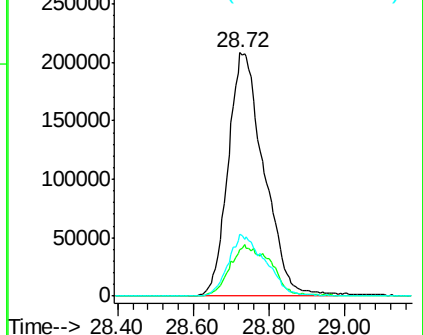
277 26.0 21.0 31.4

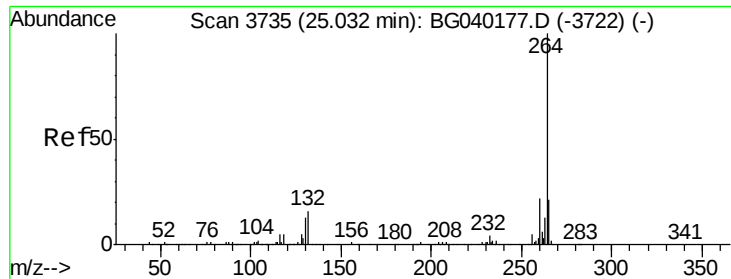


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

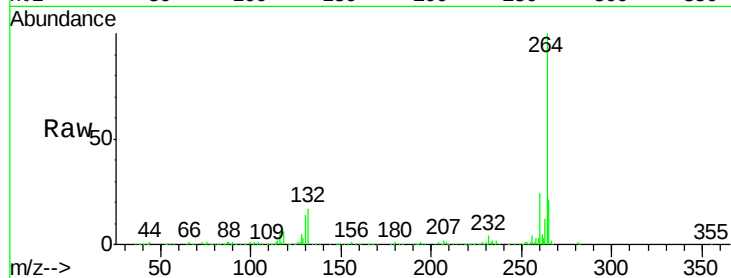
BNA_G

ClientSampleId :

PB118634BS

Tot Ion:264 Resp: 455980

Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.9	26.9
265	21.2	16.8	25.2

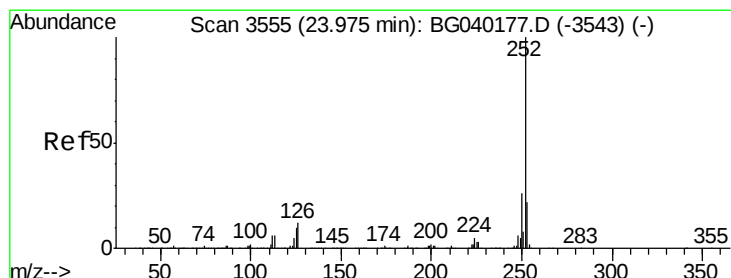
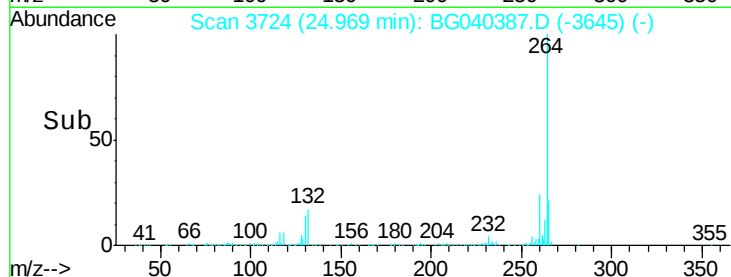
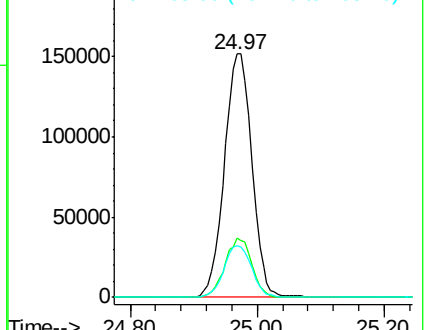


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.702 ng

RT: 23.92 min Scan# 3546

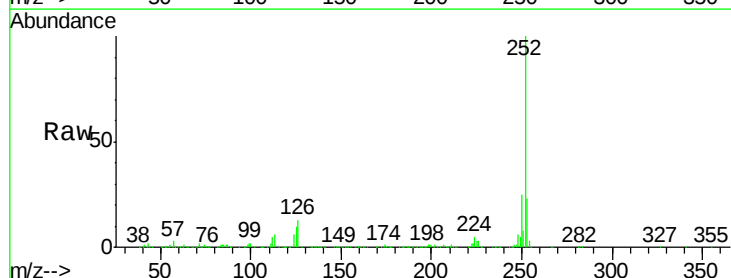
Delta R.T. -0.05 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Tgt Ion:252 Resp: 1192118

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	10.4	8.2	12.4

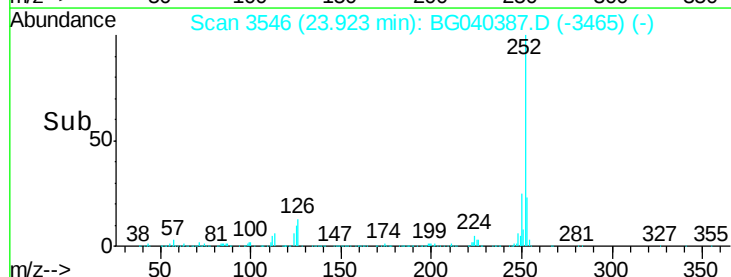
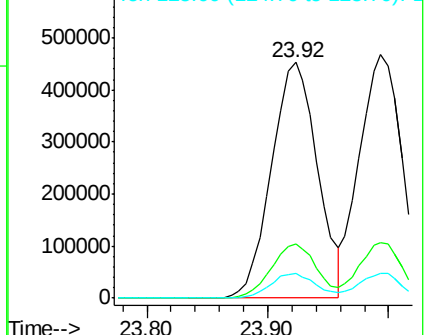


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.703 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.05 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

Instrument :

BNA_G

ClientSampleId :

PB118634BS

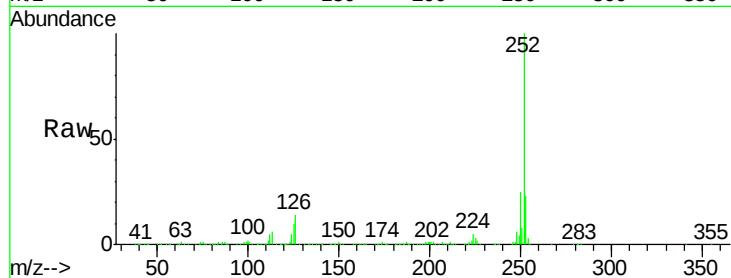
Tot Ion:252 Resp: 1147657

Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

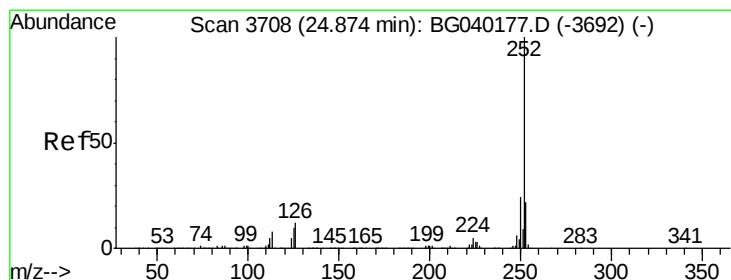
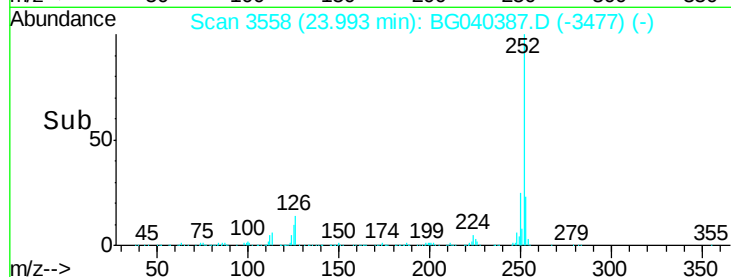
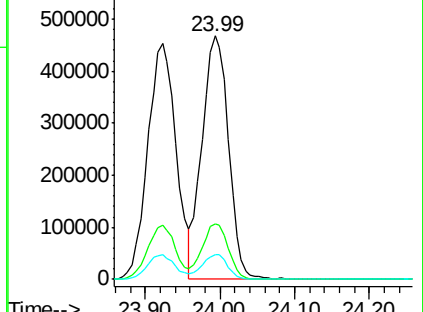
125 10.1 7.3 10.9



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

Benzo(a)pyrene

Concen: 44.565 ng

RT: 24.82 min Scan# 3698

Delta R.T. -0.06 min

Lab File: BG040387.D

Acq: 5 Apr 2019 21:45

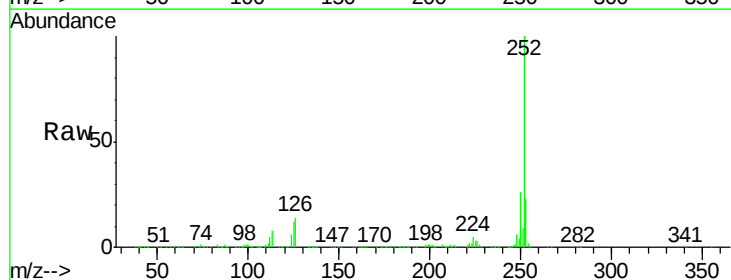
Tgt Ion:252 Resp: 1167301

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

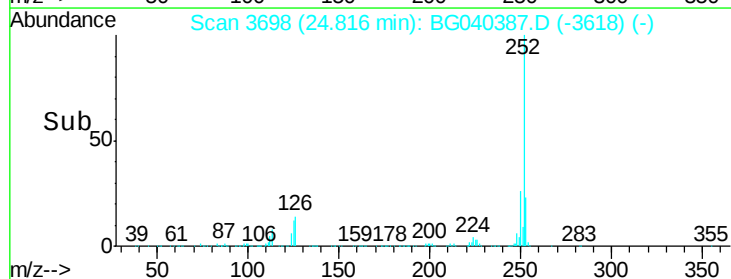
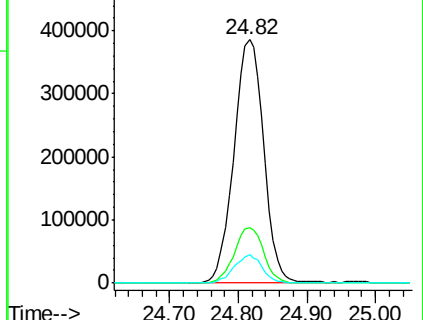
125 11.7 8.3 12.5

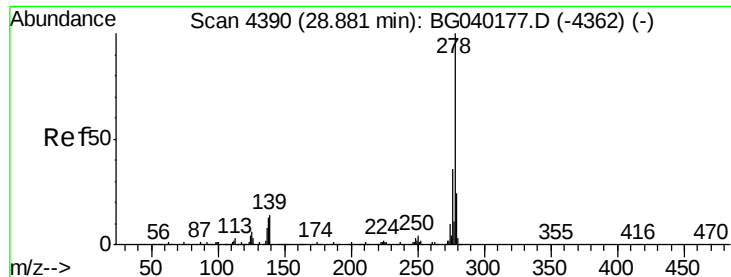


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

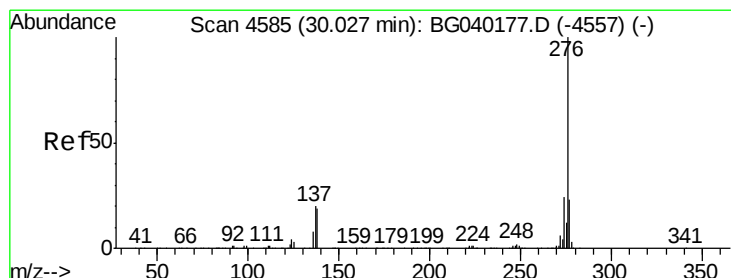
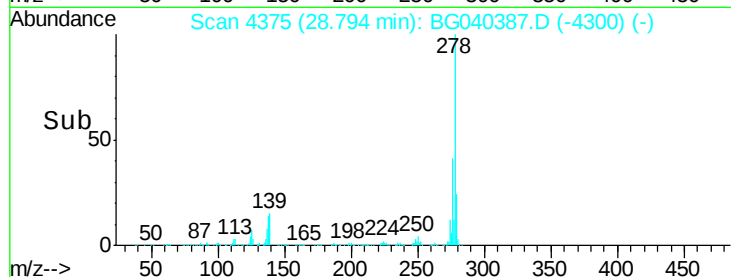
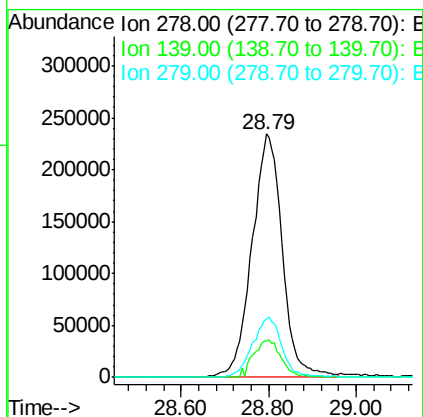
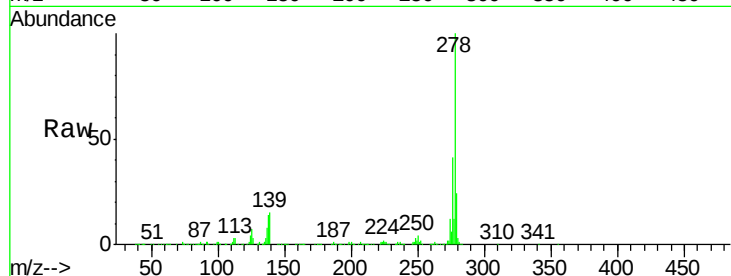




#91
Dibenzo(a,h)anthracene
Concen: 45.572 ng
RT: 28.79 min Scan# 4375
Delta R.T. -0.09 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

Instrument :
BNA_G
ClientSampleId :
PB118634BS

Tot Ion:278 Resp: 1108642
Ion Ratio Lower Upper
278 100
139 15.1 11.2 16.8
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 45.583 ng
RT: 29.92 min Scan# 4566
Delta R.T. -0.11 min
Lab File: BG040387.D
Acq: 5 Apr 2019 21:45

Tgt Ion:276 Resp: 1139627
Ion Ratio Lower Upper
276 100
277 23.6 18.6 28.0
138 20.2 15.2 22.8

