

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
 Data File : BG040548.D
 Acq On : 18 Apr 2019 3:14
 Operator : JU/SJ
 Sample : PB118988BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

Quant Time: Apr 18 10:37:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 13 00:33:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	41291	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	167005	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	117375	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	339332	20.00	ng	0.00
76) Chrysene-d12	21.69	240	315146	20.00	ng	0.00
87) Perylene-d12	24.96	264	360753	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	305437	122.97	ng	0.00
7) Phenol-d6	7.20	99	430884	125.53	ng	0.00
23) Nitrobenzene-d5	9.22	82	251543	80.06	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	185837	146.50	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	601511	75.94	ng	0.00
79) Terphenyl-d14	20.01	244	1193312	85.18	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	38765	33.191 ng	97
3) Pyridine	3.89	79	101893	32.403 ng	94
4) n-Nitrosodimethylamine	3.81	42	51194	35.195 ng	# 93
6) Aniline	7.36	93	62699	14.059 ng	96
8) 2-Chlorophenol	7.61	128	106042	36.472 ng	97
9) Benzaldehyde	7.19	77	37998	16.138 ng	95
10) Phenol	7.22	94	144444	38.768 ng	98
11) bis(2-Chloroethyl)ether	7.46	93	101113	33.883 ng	97
12) 1,3-Dichlorobenzene	7.93	146	110395	34.928 ng	97
13) 1,4-Dichlorobenzene	8.08	146	111454	35.405 ng	98
14) 1,2-Dichlorobenzene	8.39	146	105705	35.113 ng	98
15) Benzyl Alcohol	8.28	79	95764	34.641 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	200688	35.041 ng	98
17) 2-Methylphenol	8.48	107	97124	37.671 ng	95
18) Hexachloroethane	9.12	117	40168	33.546 ng	93
19) n-Nitroso-di-n-propylamine	8.84	70	82197	33.398 ng	97
20) 3+4-Methylphenols	8.81	107	133954	38.353 ng	99
22) Acetophenone	8.87	105	162056	38.900 ng	# 98
24) Nitrobenzene	9.26	77	124684	38.322 ng	92
25) Isophorone	9.77	82	250666	38.774 ng	97
26) 2-Nitrophenol	9.97	139	57119	37.050 ng	98
27) 2,4-Dimethylphenol	10.01	122	112505	45.942 ng	96
28) bis(2-Chloroethoxy)methane	10.25	93	142104	37.154 ng	98
29) 2,4-Dichlorophenol	10.50	162	111976	42.127 ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	107931	36.980 ng	95
31) Naphthalene	10.91	128	333259	38.931 ng	99
32) Benzoic acid	10.21	122	12458m	8.420 ng	
33) 4-Chloroaniline	11.03	127	57511	15.750 ng	95
34) Hexachlorobutadiene	11.17	225	62688	33.584 ng	97
35) Caprolactam	11.80	113	54641	51.801 ng	100
36) 4-Chloro-3-methylphenol	12.14	107	142199	46.535 ng	100
37) 2-Methylnaphthalene	12.51	142	251387	39.707 ng	98
38) 1-Methylnaphthalene	12.72	142	247220	40.269 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	126543	33.920 ng	99

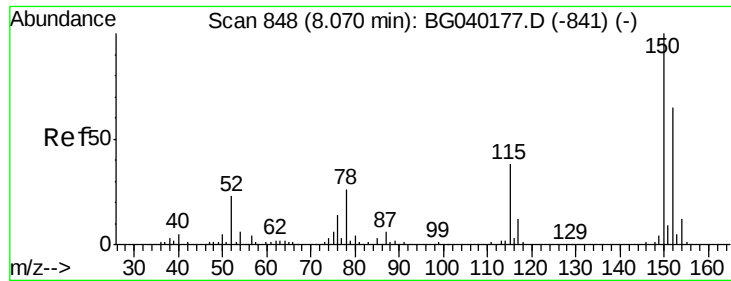
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041719\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	139911	68.304	ng	94
43) 2,4,6-Trichlorophenol	13.11	196	97392	40.492	ng	94
44) 2,4,5-Trichlorophenol	13.19	196	105793	40.354	ng	98
46) 1,1'-Biphenyl	13.50	154	337758	36.419	ng	98
47) 2-Chloronaphthalene	13.56	162	262040	36.835	ng	97
48) 2-Nitroaniline	13.77	65	107256	44.698	ng	95
49) Acenaphthylene	14.40	152	469751	38.947	ng	100
50) Dimethylphthalate	14.12	163	410067	44.639	ng	98
51) 2,6-Dinitrotoluene	14.26	165	92481	44.836	ng	97
52) Acenaphthene	14.74	154	271437	39.274	ng	98
53) 3-Nitroaniline	14.59	138	35213	16.128	ng	88
54) 2,4-Dinitrophenol	14.81	184	17780	16.208	ng	# 86
55) Dibenzofuran	15.07	168	463022	41.693	ng	98
56) 4-Nitrophenol	14.90	139	152502	86.543	ng	97
57) 2,4-Dinitrotoluene	15.04	165	138594	48.357	ng	99
58) Fluorene	15.72	166	376430	43.112	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	107312	45.108	ng	96
60) Diethylphthalate	15.47	149	444679	47.305	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	196070	42.010	ng	95
62) 4-Nitroaniline	15.75	138	109384	46.683	ng	92
63) Azobenzene	16.00	77	405331	45.713	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	35335	18.535	ng	95
66) n-Nitrosodiphenylamine	15.93	169	369388	37.200	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	132855	34.791	ng	97
68) Hexachlorobenzene	16.71	284	140223	36.521	ng	95
69) Atrazine	16.87	200	143788	38.927	ng	96
70) Pentachlorophenol	17.07	266	119994	54.057	ng	97
71) Phenanthrene	17.46	178	691191	38.753	ng	99
72) Anthracene	17.55	178	713964	39.993	ng	100
73) Carbazole	17.83	167	682337	40.386	ng	99
74) Di-n-butylphthalate	18.36	149	828856	41.387	ng	99
75) Fluoranthene	19.47	202	883306	41.823	ng	99
77) Benzidine	19.66	184	193737	17.024	ng	96
78) Pyrene	19.83	202	878927	42.410	ng	99
80) Butylbenzylphthalate	20.70	149	400498	45.161	ng	99
81) Benzo(a)anthracene	21.67	228	815110	41.992	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	146677	19.864	ng	98
83) Chrysene	21.74	228	801296	42.952	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	567477	44.765	ng	99
85) Di-n-octyl phthalate	22.75	149	975971	45.187	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	993779	43.555	ng	99
88) Benzo(b)fluoranthene	23.92	252	875199	39.626	ng	98
89) Benzo(k)fluoranthene	23.99	252	850976	41.897	ng	98
90) Benzo(a)pyrene	24.81	252	855191	41.268	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	806559	41.906	ng	96
92) Benzo(g,h,i)perylene	29.91	276	821843	41.549	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

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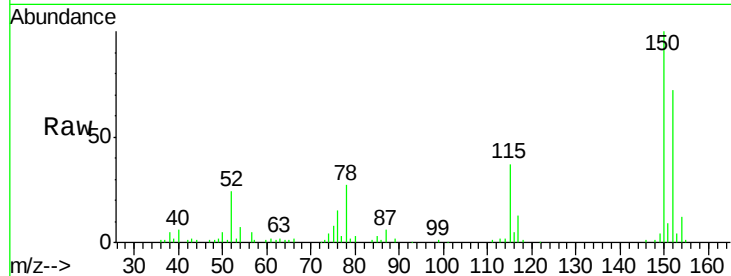
Tgt Ion:152 Resp: 41291

Ion Ratio Lower Upper

152 100

150 138.3 123.7 185.5

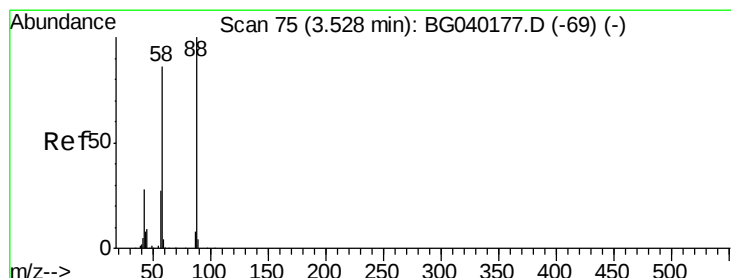
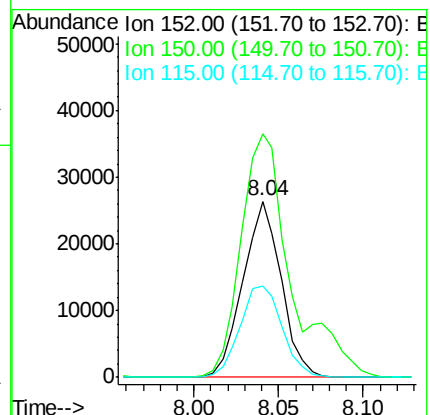
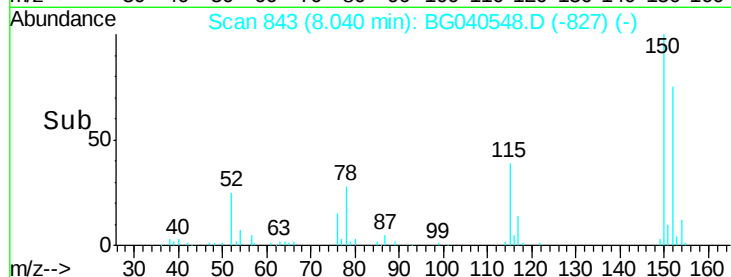
115 51.7 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.191 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

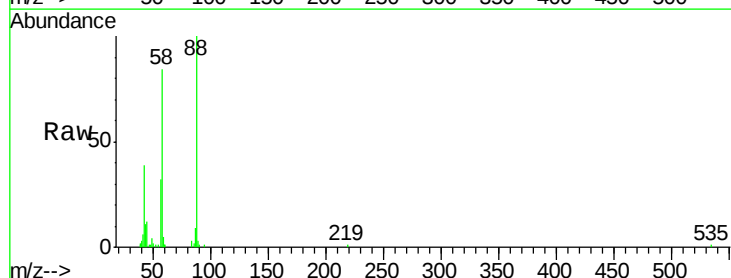
Tgt Ion: 88 Resp: 38765

Ion Ratio Lower Upper

88 100

58 89.3 70.6 106.0

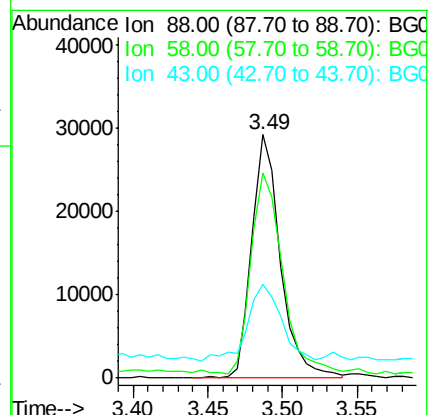
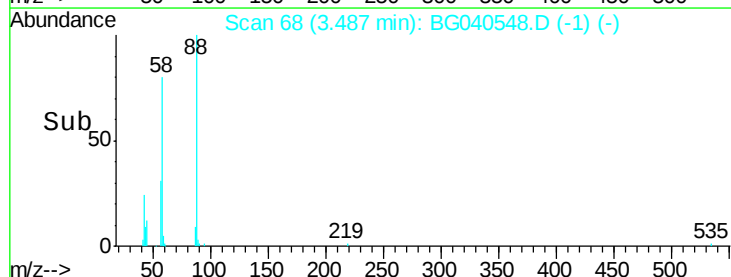
43 36.6 24.8 37.2

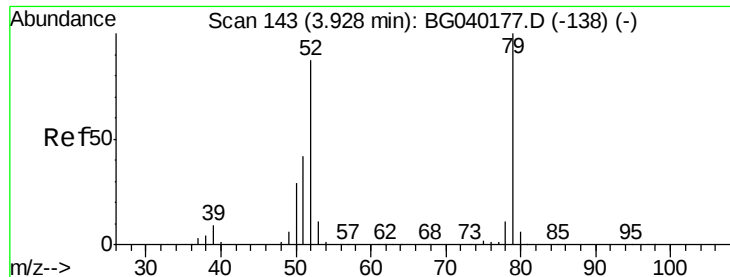


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.403 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

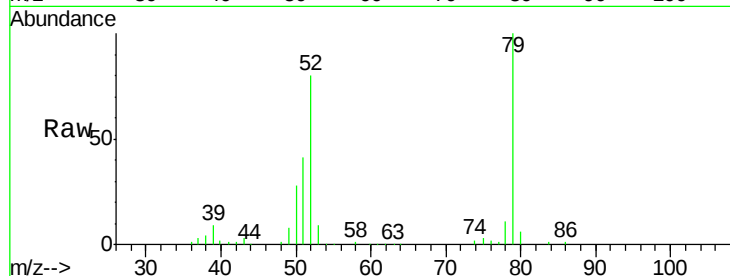
Tgt Ion: 79 Resp: 101893

Ion Ratio Lower Upper

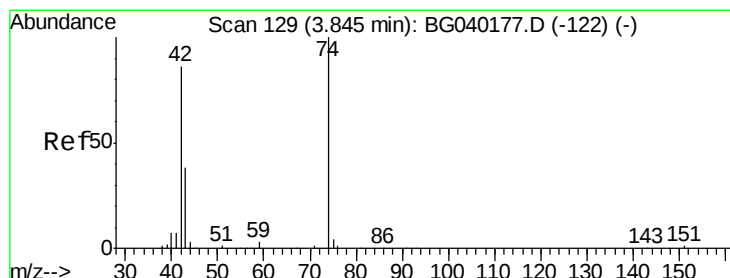
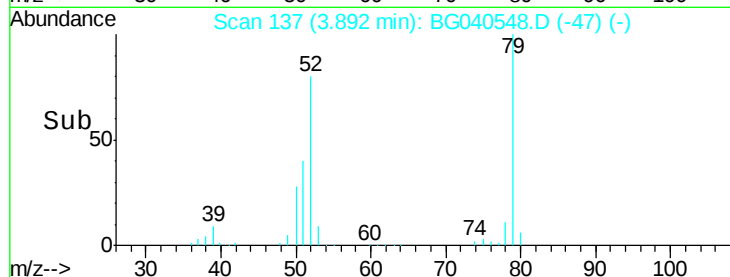
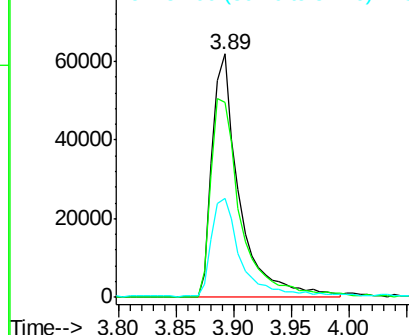
79 100

52 80.2 69.8 104.8

51 40.9 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 35.195 ng

RT: 3.81 min Scan# 123

Delta R.T. -0.01 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

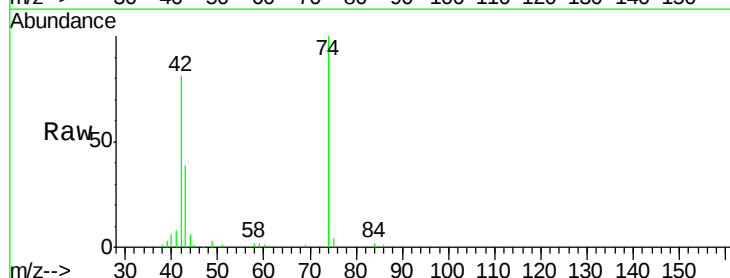
Tgt Ion: 42 Resp: 51194

Ion Ratio Lower Upper

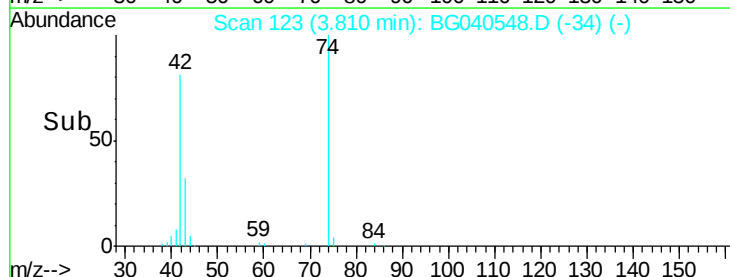
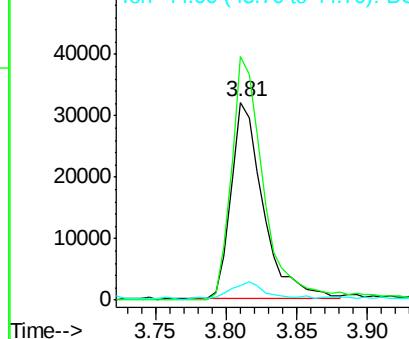
42 100

74 123.0 92.9 139.3

44 7.5 9.7 14.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 122.972 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

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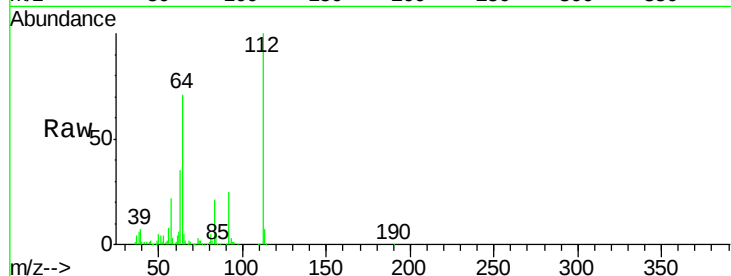
Tgt Ion: 112 Resp: 305437

Ion Ratio Lower Upper

112 100

64 71.4 54.2 81.2

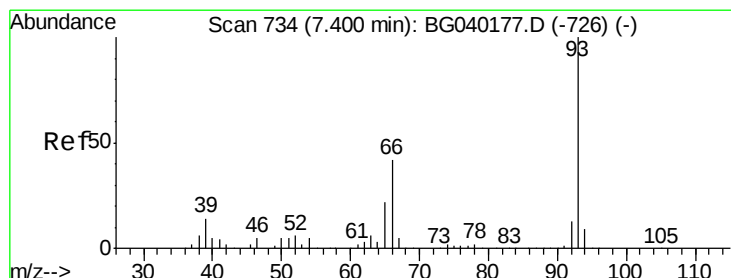
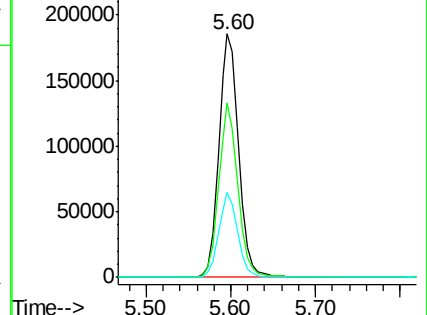
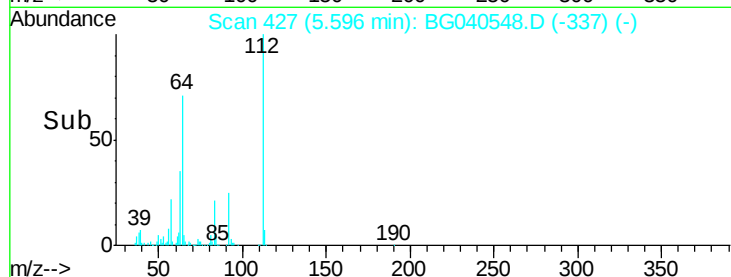
63 34.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.059 ng

RT: 7.36 min Scan# 728

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

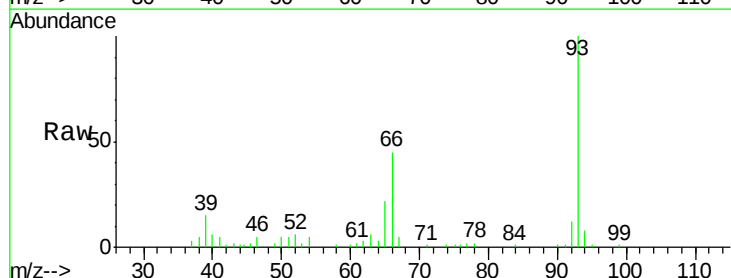
Tgt Ion: 93 Resp: 62699

Ion Ratio Lower Upper

93 100

66 45.3 33.6 50.4

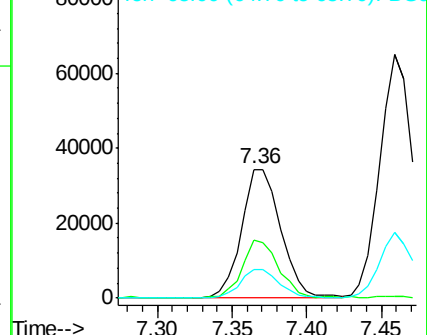
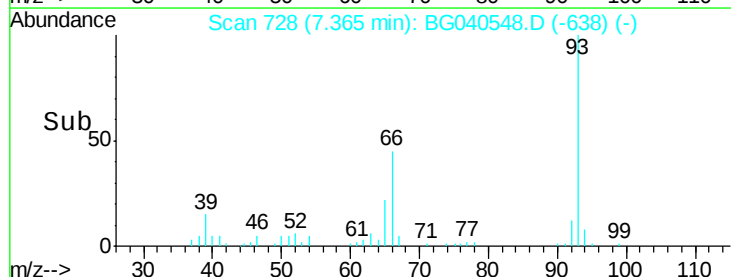
65 22.0 17.4 26.2

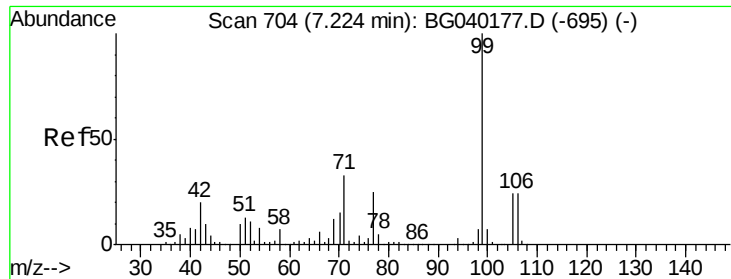


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 125.525 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040548.D

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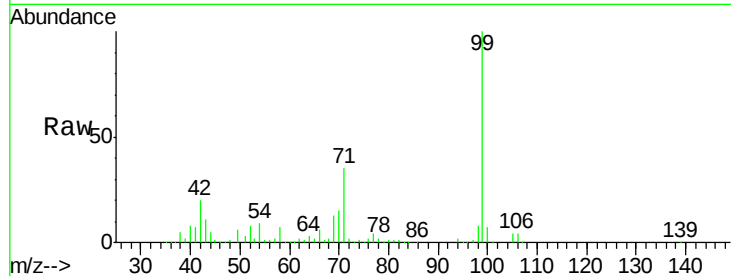
Tgt Ion: 99 Resp: 430884

Ion Ratio Lower Upper

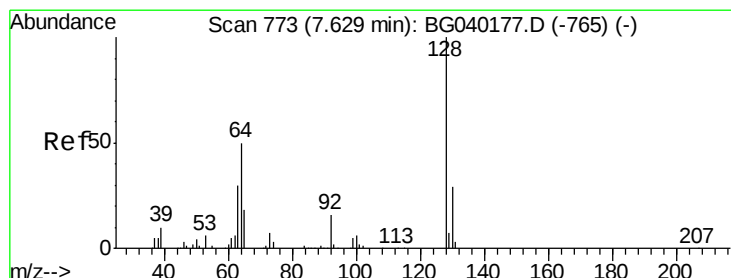
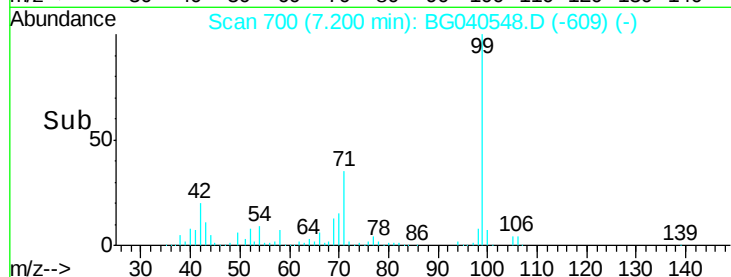
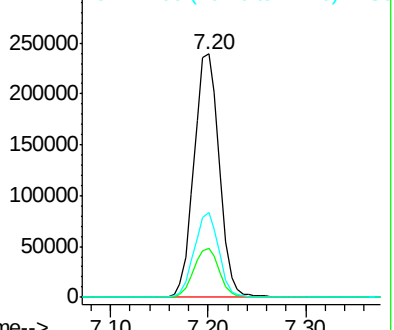
99 100

42 20.0 16.2 24.2

71 35.0 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: 36.472 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

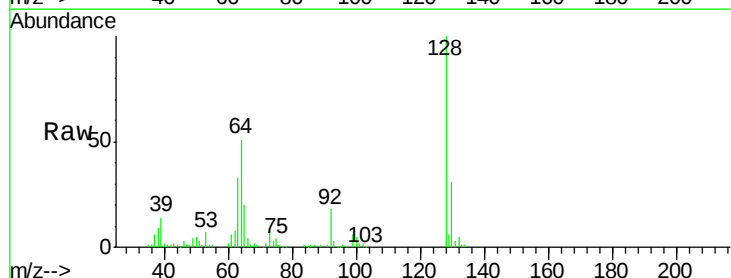
Tgt Ion: 128 Resp: 106042

Ion Ratio Lower Upper

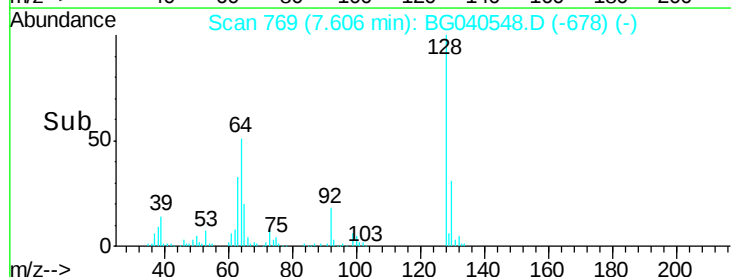
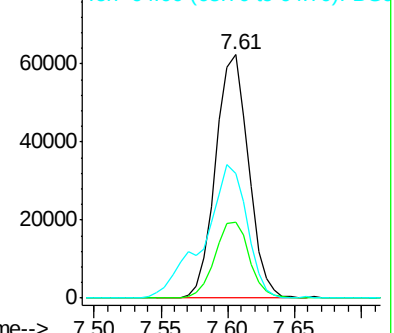
128 100

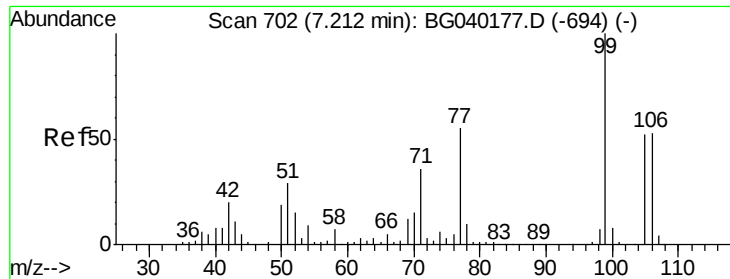
130 31.3 9.1 49.1

64 51.4 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: 16.138 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG040548.D

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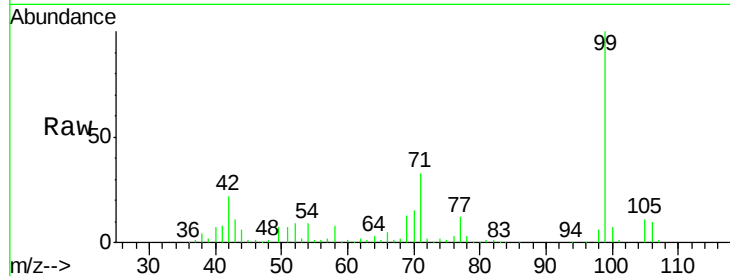
Tgt Ion: 77 Resp: 37998

Ion Ratio Lower Upper

77 100

105 95.2 75.0 115.0

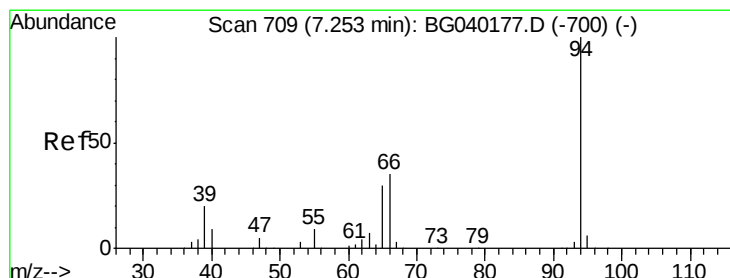
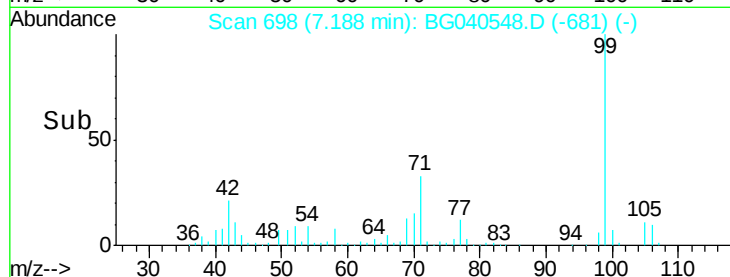
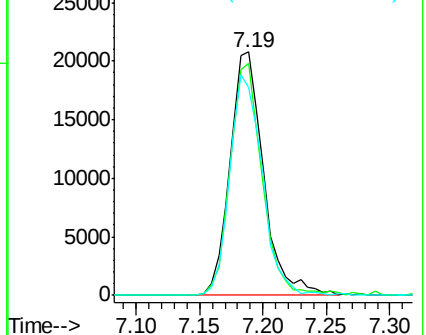
106 85.3 75.7 115.7



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: 38.768 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

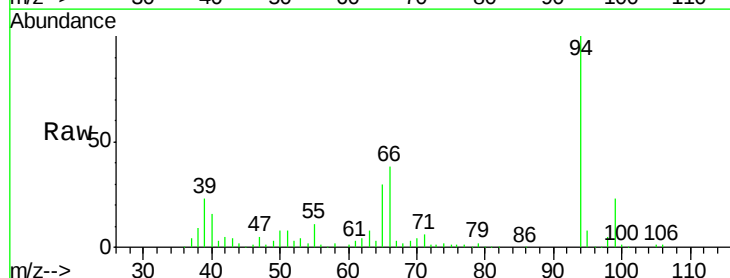
Tgt Ion: 94 Resp: 144444

Ion Ratio Lower Upper

94 100

65 29.7 10.5 50.5

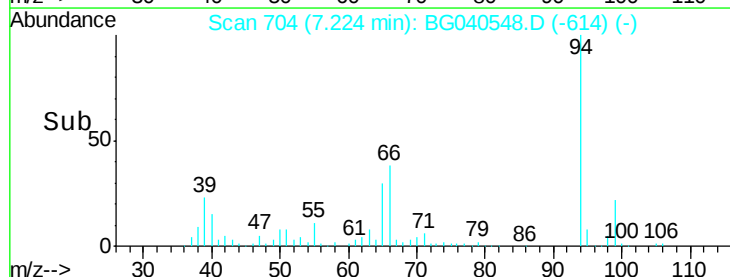
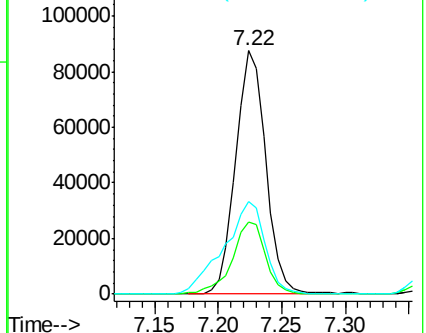
66 38.0 16.9 56.9

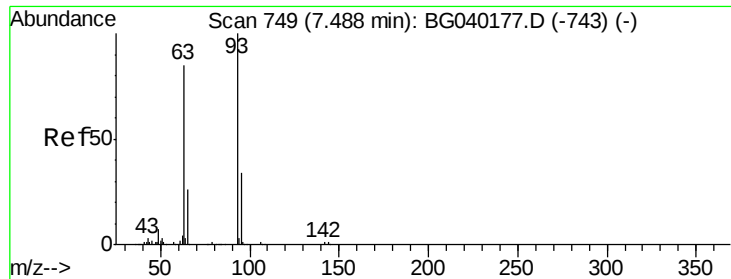


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

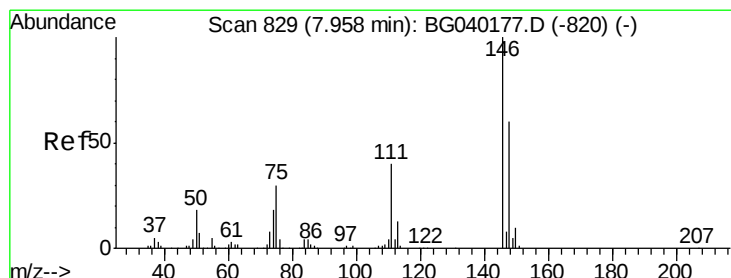
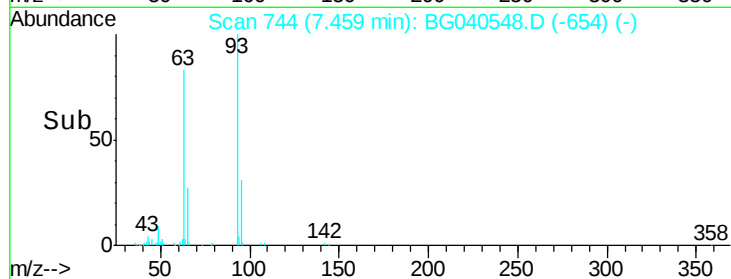
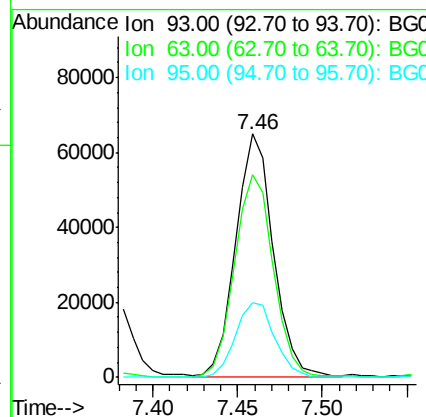
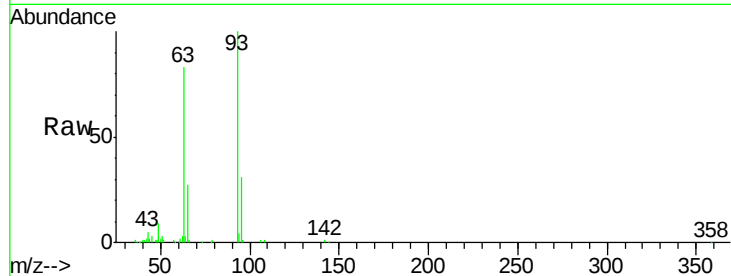




#11
bis(2-Chloroethyl)ether
Concen: 33.883 ng
RT: 7.46 min Scan# 744
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

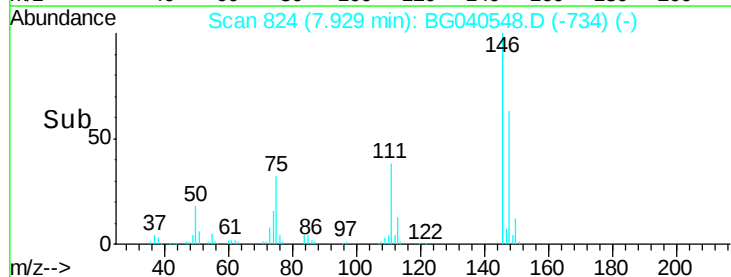
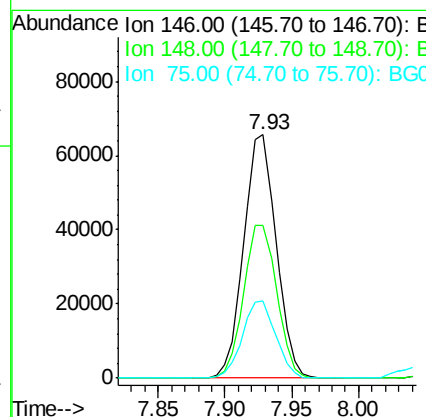
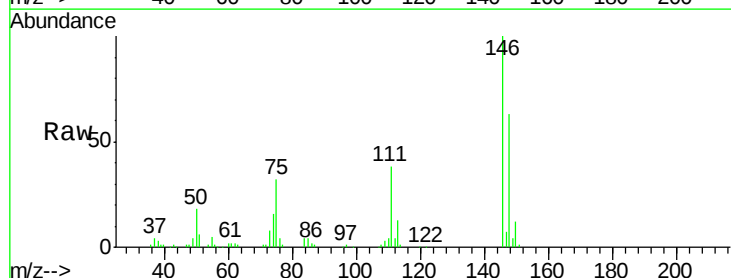
Instrument :
BNA_G
ClientSampleId :
PB118988BS

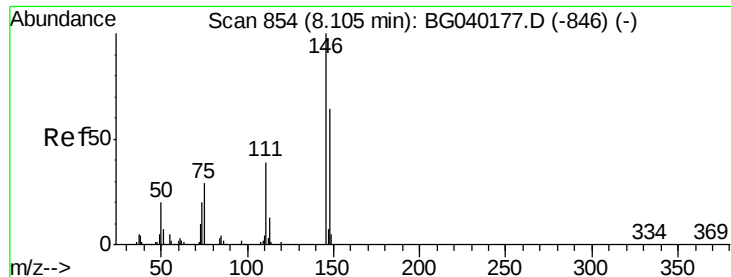
Tgt Ion: 93 Resp: 101113
Ion Ratio Lower Upper
93 100
63 83.2 64.2 104.2
95 30.6 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 34.928 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion: 146 Resp: 110395
Ion Ratio Lower Upper
146 100
148 62.6 48.2 72.2
75 31.6 24.1 36.1

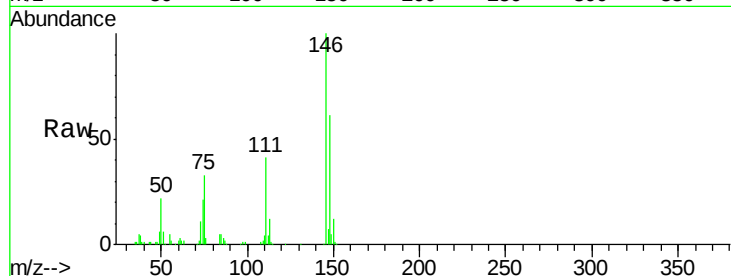




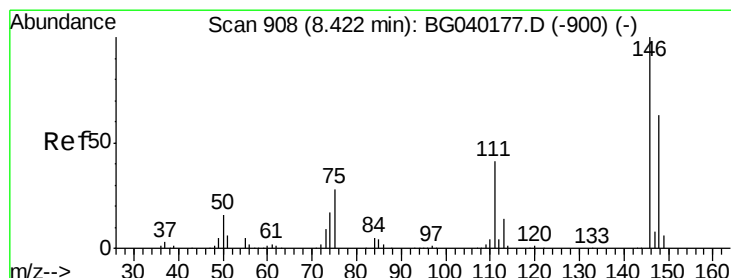
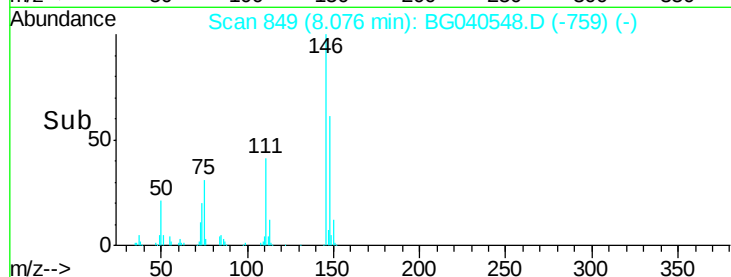
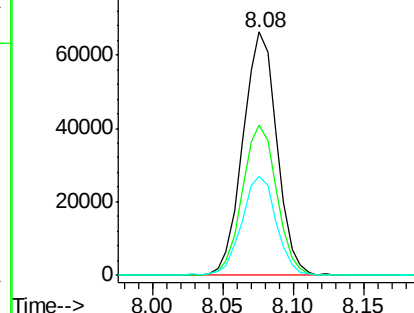
#13
 1,4-Dichlorobenzene
 Concen: 35.405 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

Tgt Ion:146 Resp: 111454
 Ion Ratio Lower Upper
 146 100
 148 61.5 51.0 76.4
 111 40.8 31.8 47.6

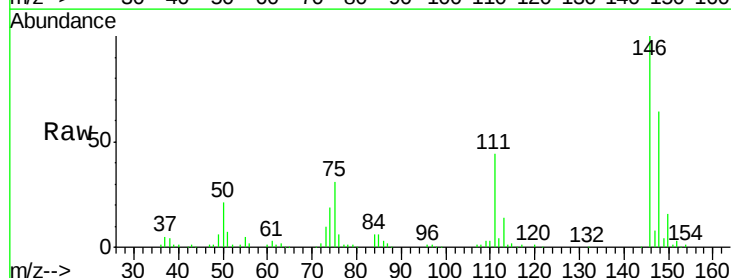


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

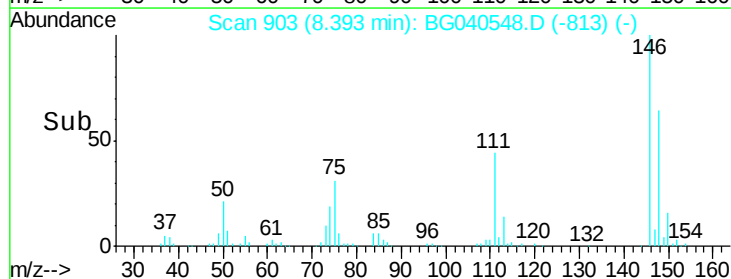
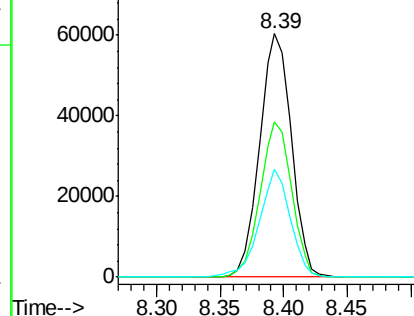


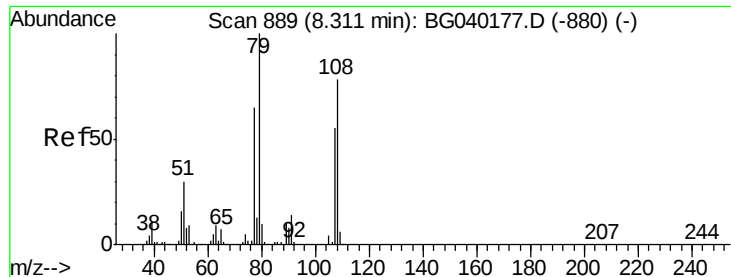
#14
 1,2-Dichlorobenzene
 Concen: 35.113 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion:146 Resp: 105705
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 44.2 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: 34.641 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

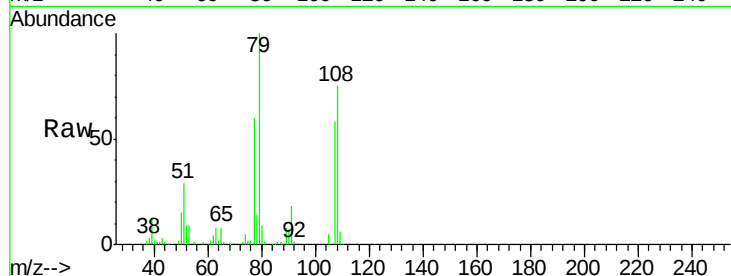
Tgt Ion: 79 Resp: 95764

Ion Ratio Lower Upper

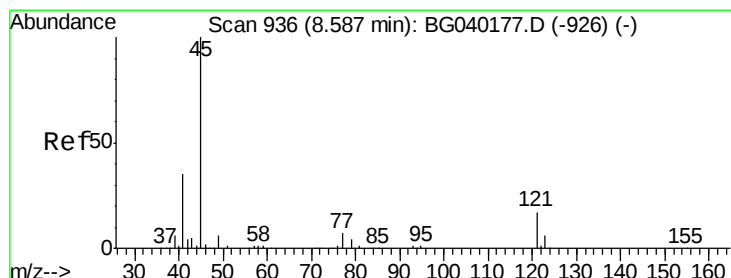
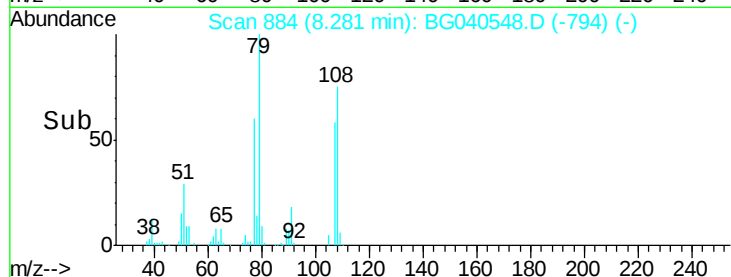
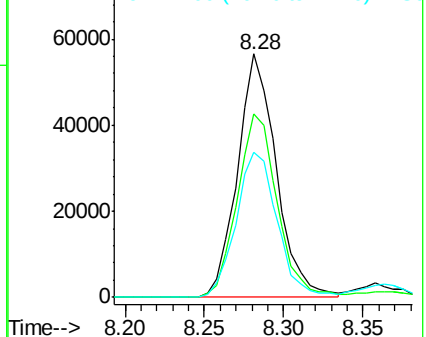
79 100

108 75.2 62.1 93.1

77 59.5 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: 35.041 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

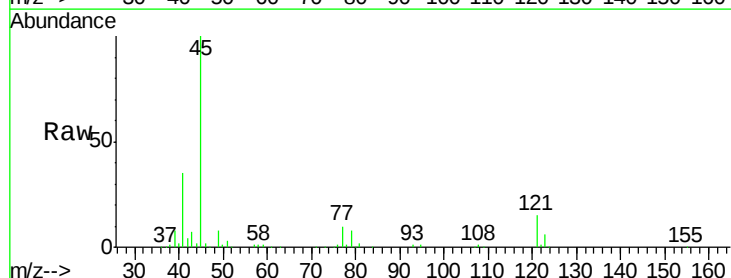
Tgt Ion: 45 Resp: 200688

Ion Ratio Lower Upper

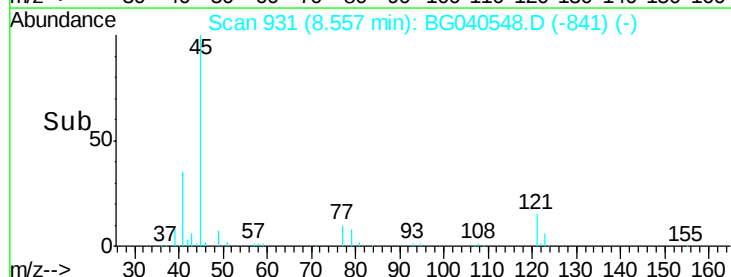
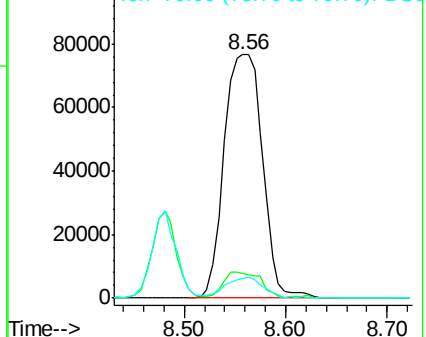
45 100

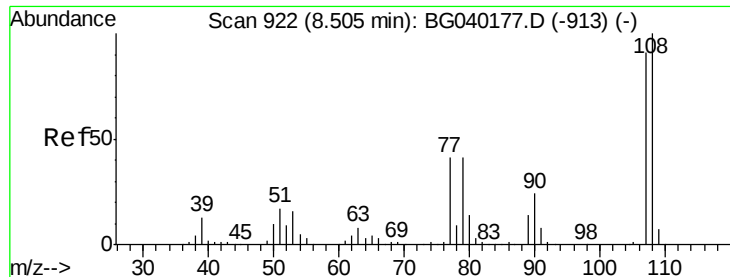
77 10.3 0.0 31.4

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

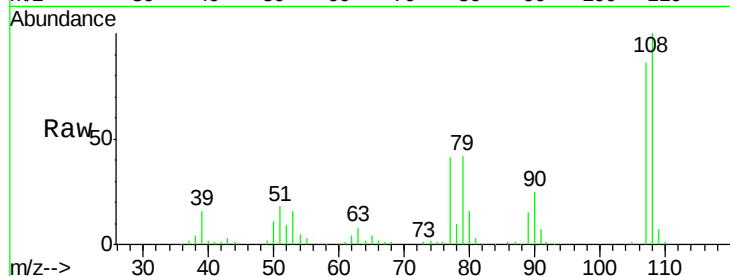




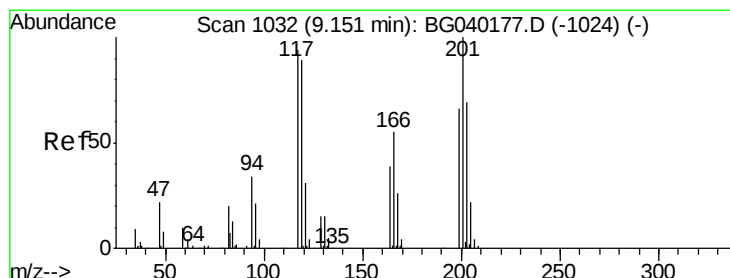
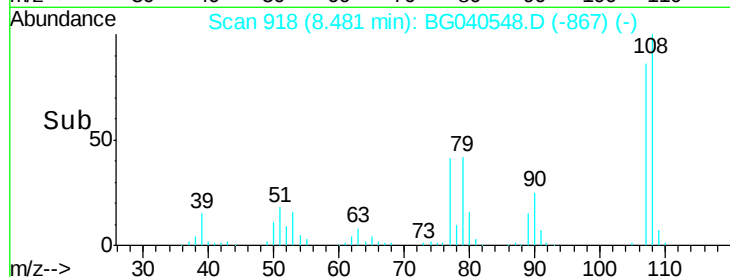
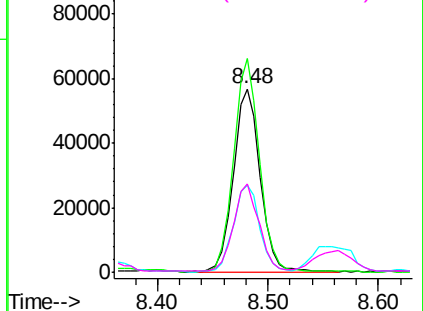
#17
2-Methylphenol
Concen: 37.671 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB118988BS

Tgt Ion:107 Resp: 97124
Ion Ratio Lower Upper
107 100
108 116.6 88.2 132.4
77 47.9 36.6 55.0
79 48.5 36.5 54.7

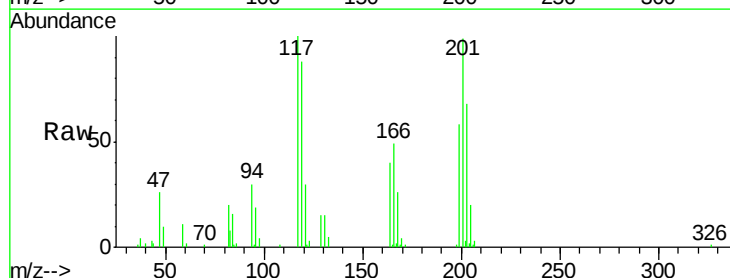


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

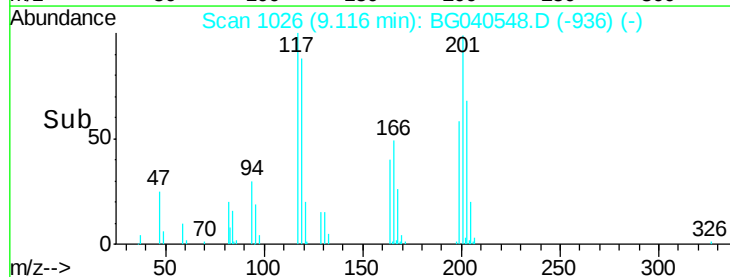
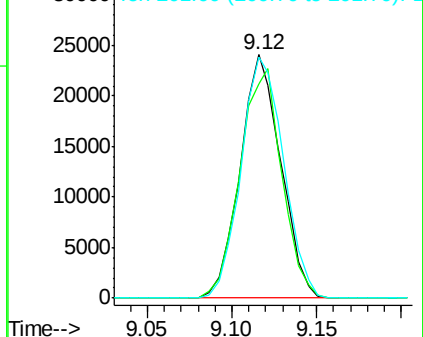


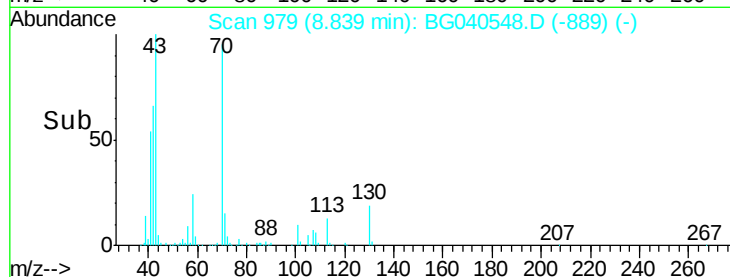
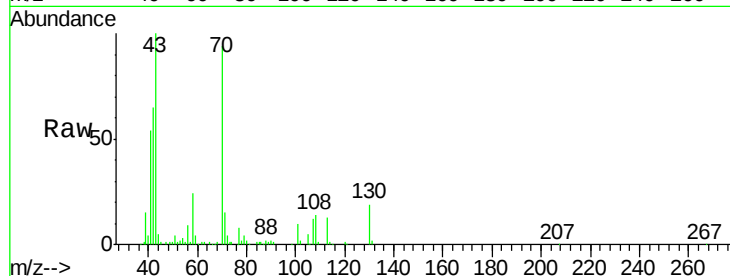
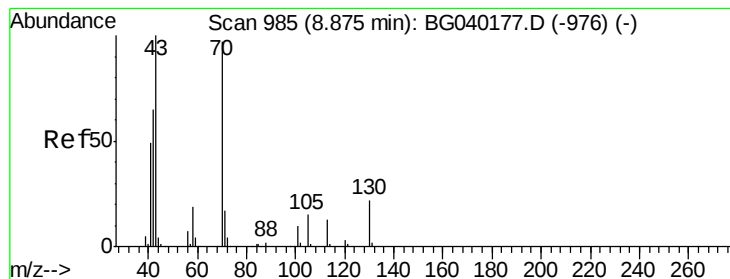
#18
Hexachloroethane
Concen: 33.546 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion:117 Resp: 40168
Ion Ratio Lower Upper
117 100
119 87.9 76.6 115.0
201 99.1 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: 33.398 ng

RT: 8.84 min Scan# 979

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

Tgt Ion: 70 Resp: 82197

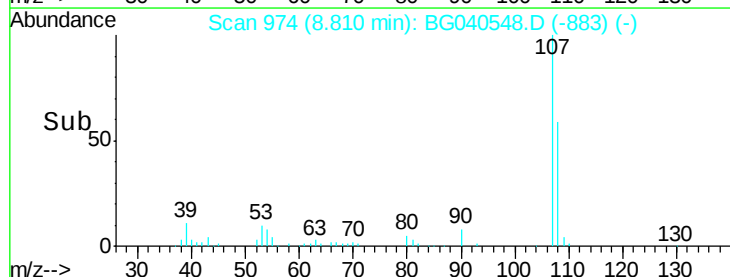
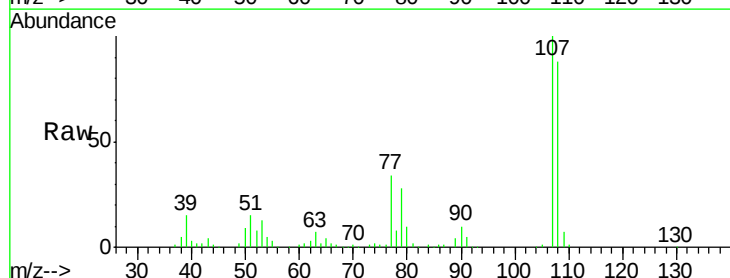
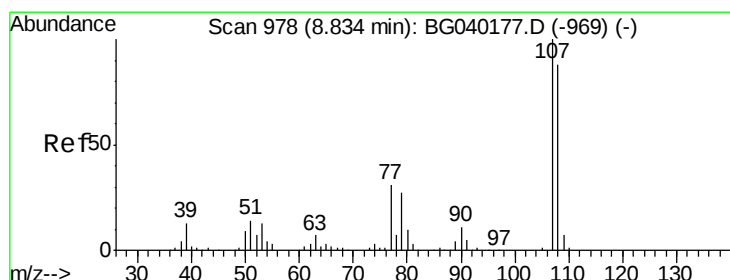
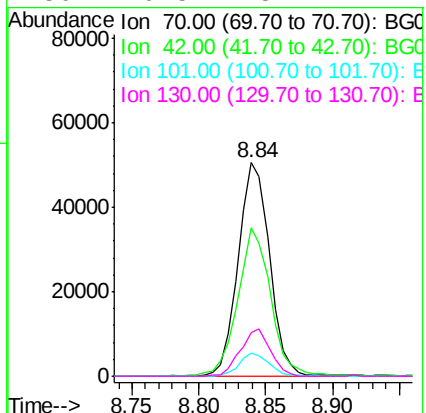
Ion Ratio Lower Upper

70 100

42 69.7 54.0 81.0

101 10.7 8.6 13.0

130 20.5 18.2 27.2



#20

3+4-Methylphenols

Concen: 38.353 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Tgt Ion: 107 Resp: 133954

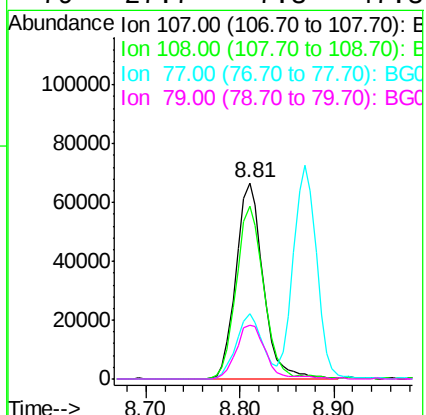
Ion Ratio Lower Upper

107 100

108 88.1 68.3 108.3

77 33.5 11.3 51.3

79 27.7 7.3 47.3

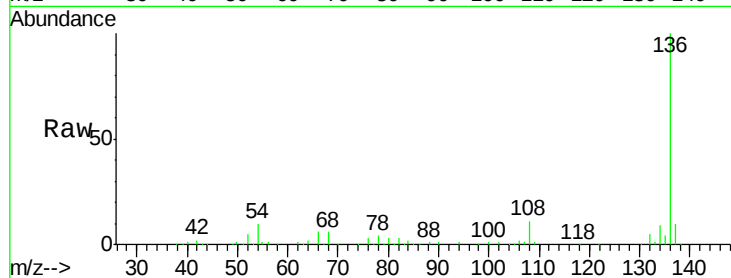




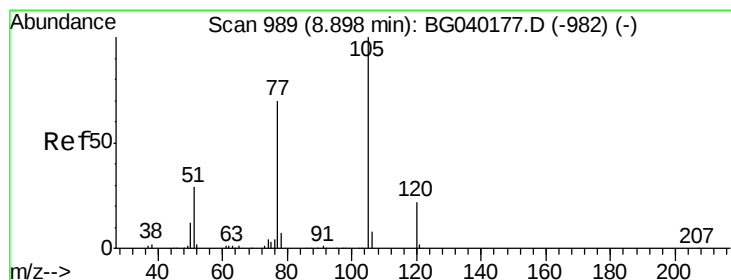
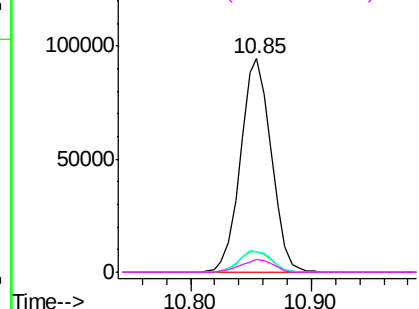
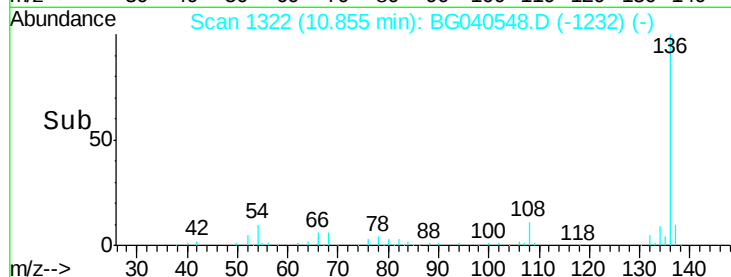
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB118988BS

Tgt Ion:	136	Resp:	167005
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	9.6	9.6	14.4
68	6.1	5.1	7.7

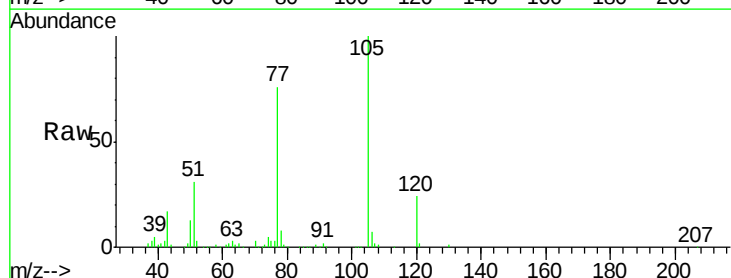


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

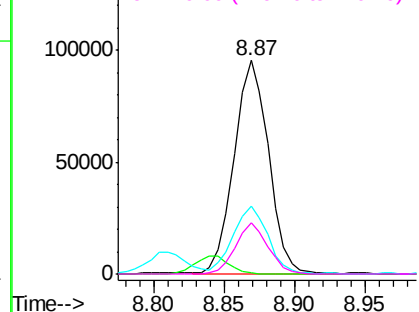
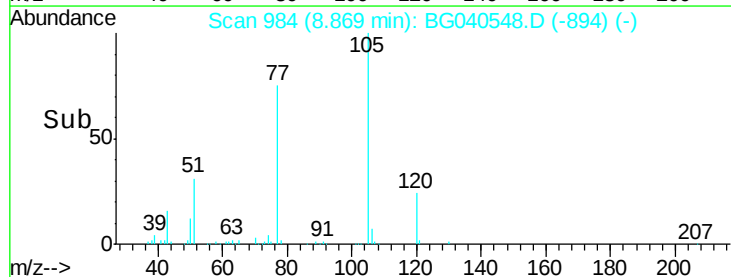


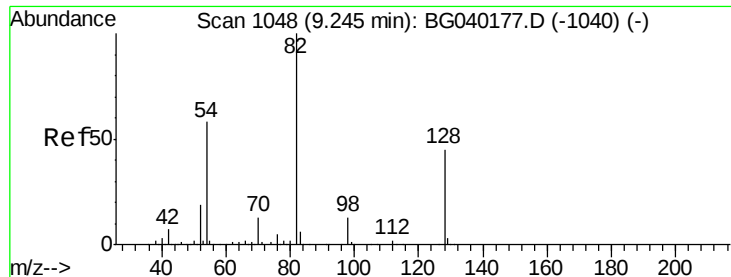
#22
Acetophenone
Concen: 38.900 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion:	105	Resp:	162056
Ion	Ratio	Lower	Upper
105	100		
71	0.4	0.6	1.0#
51	31.5	25.1	37.7
120	23.7	17.6	26.4



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

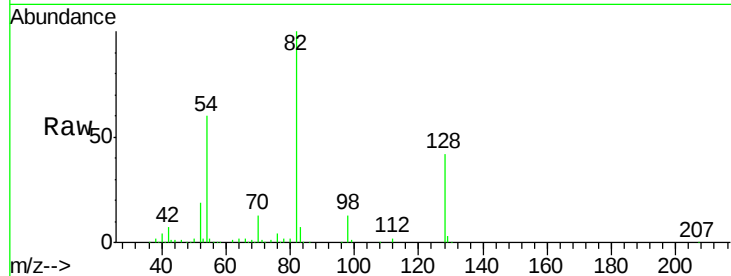




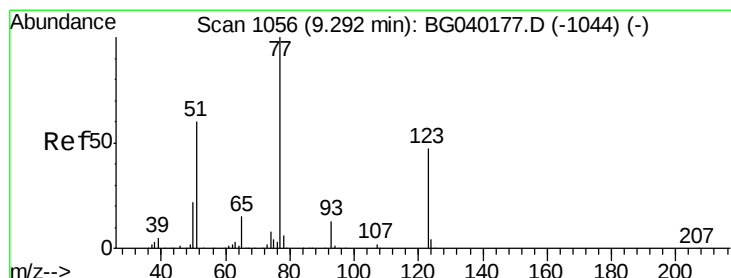
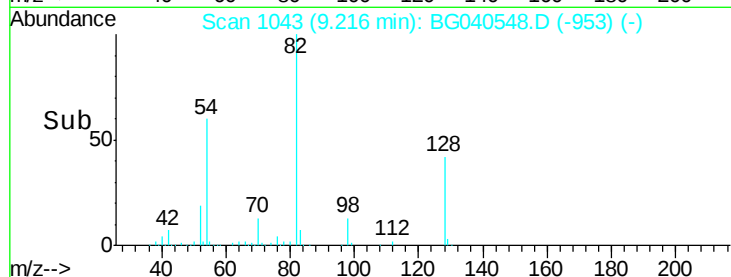
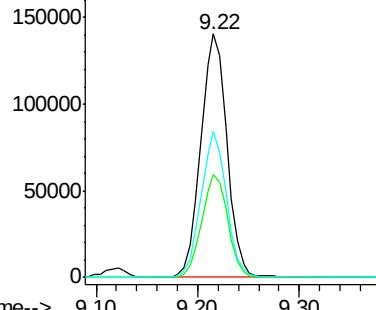
#23
 Nitrobenzene-d5
 Concen: 80.060 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

Tgt Ion: 82 Resp: 251543
 Ion Ratio Lower Upper
 82 100
 128 42.1 35.8 53.8
 54 60.1 46.2 69.2

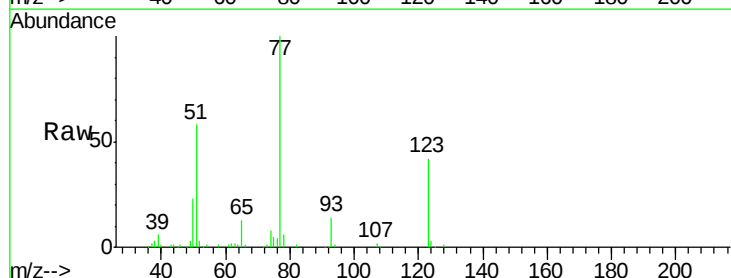


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

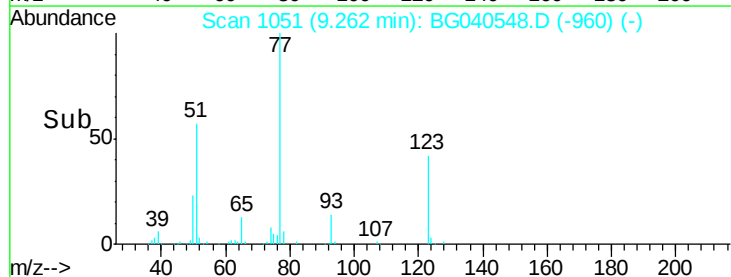
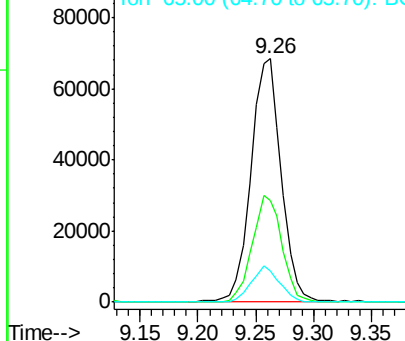


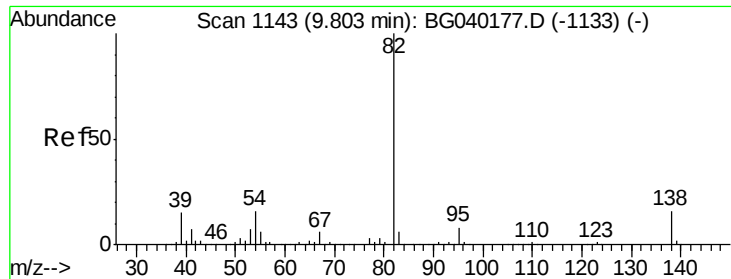
#24
 Nitrobenzene
 Concen: 38.322 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion: 77 Resp: 124684
 Ion Ratio Lower Upper
 77 100
 123 41.5 37.8 56.6
 65 12.8 12.0 18.0



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





#25

Isophorone

Concen: 38.774 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

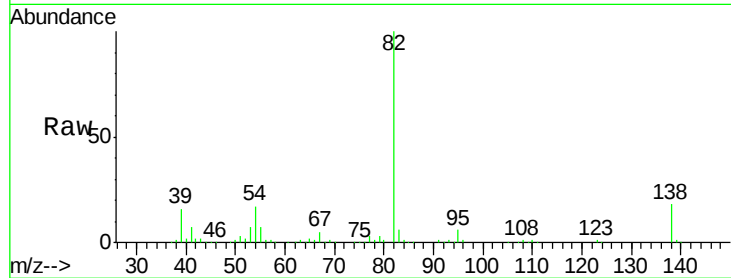
Tgt Ion: 82 Resp: 250666

Ion Ratio Lower Upper

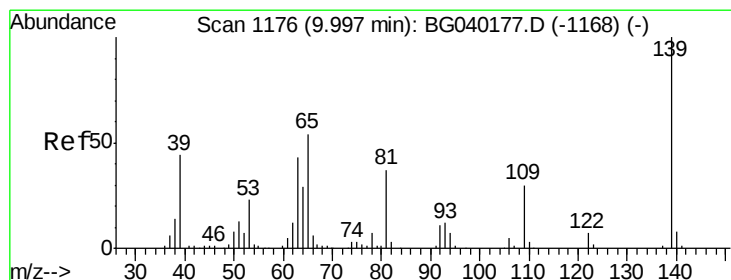
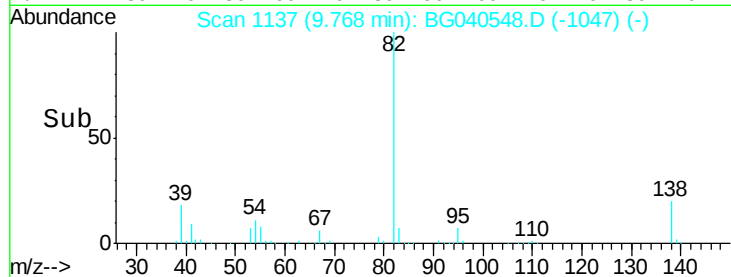
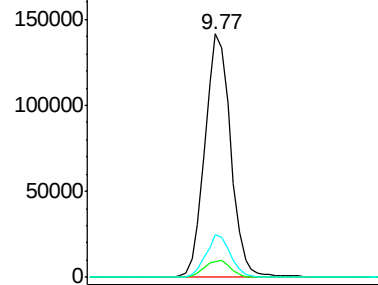
82 100

95 6.3 6.1 9.1

138 17.5 13.2 19.8



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



#26

2-Nitrophenol

Concen: 37.050 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

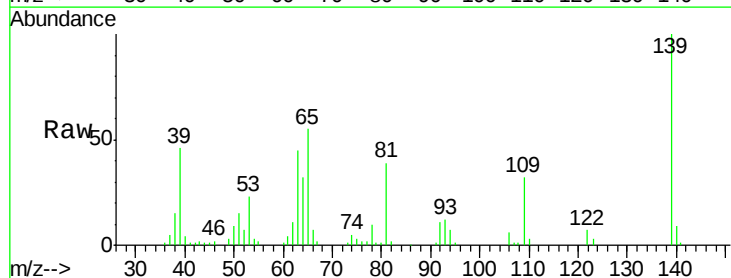
Tgt Ion: 139 Resp: 57119

Ion Ratio Lower Upper

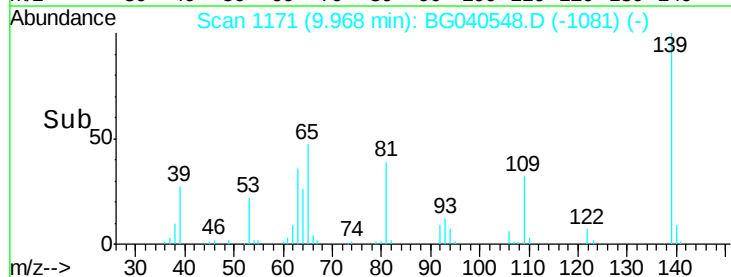
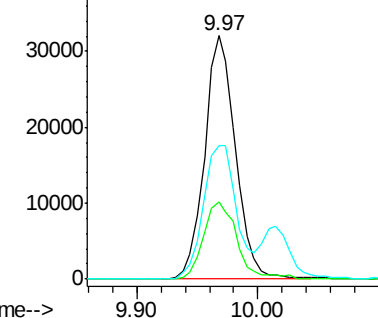
139 100

109 31.6 24.1 36.1

65 55.1 43.0 64.6



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

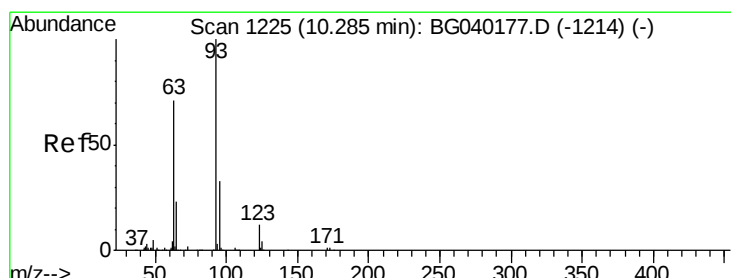
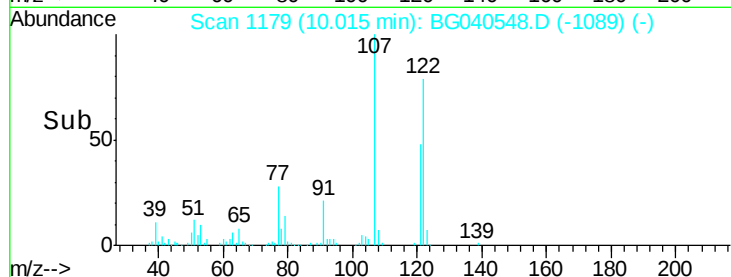
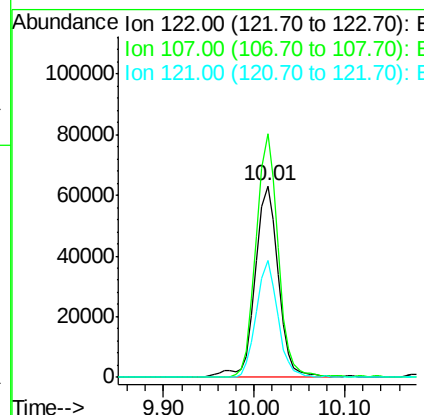
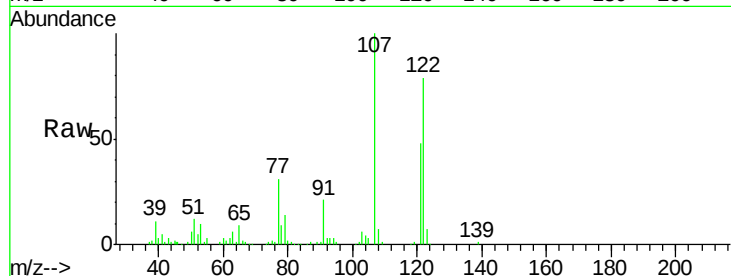




#27
 2,4-Dimethylphenol
 Concen: 45.942 ng
 RT: 10.01 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

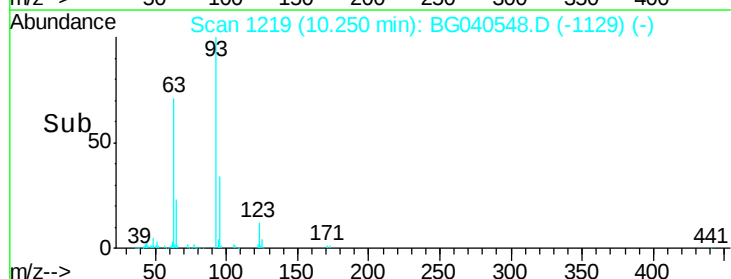
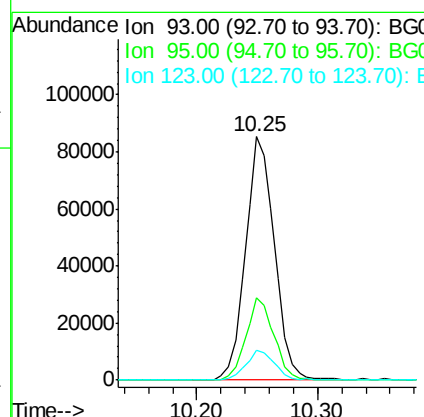
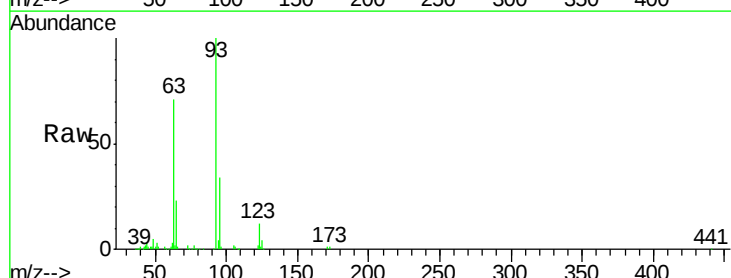
Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

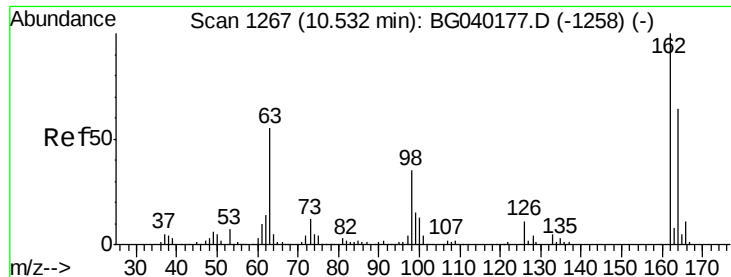
Tgt Ion:122 Resp: 112505
 Ion Ratio Lower Upper
 122 100
 107 127.3 97.4 146.2
 121 61.4 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.154 ng
 RT: 10.25 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion: 93 Resp: 142104
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.2 39.4
 123 12.4 9.4 14.0

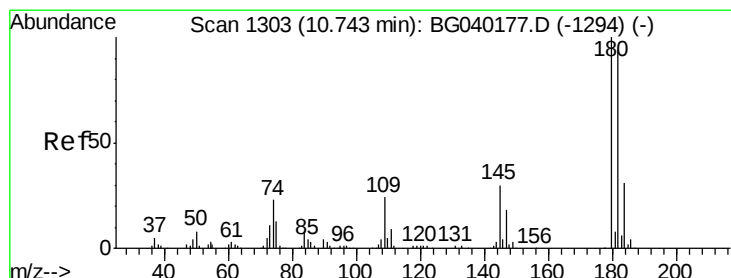
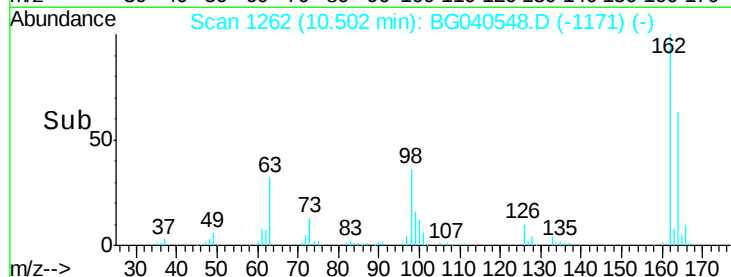
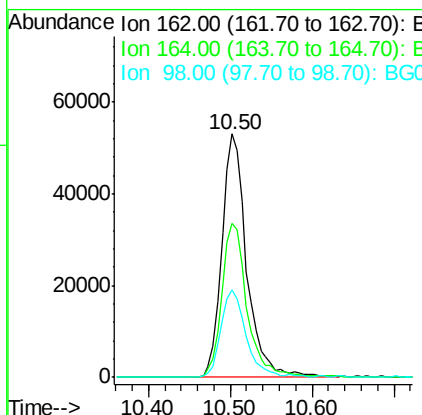
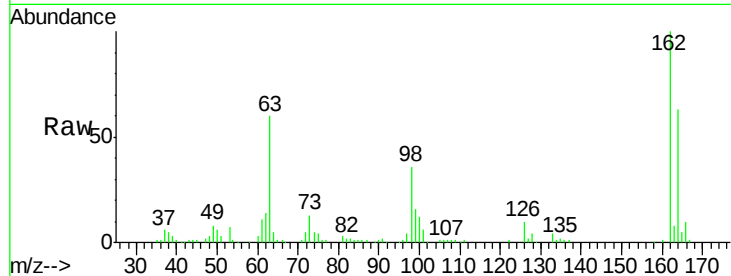




#29
 2,4-Dichlorophenol
 Concen: 42.127 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

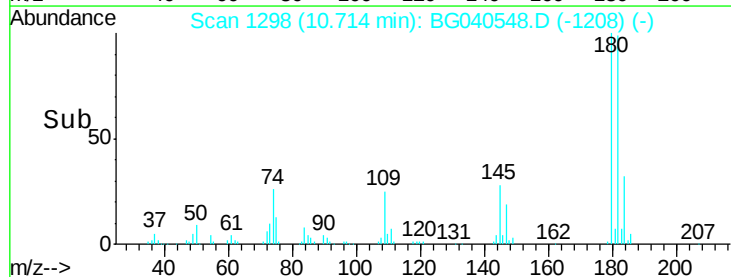
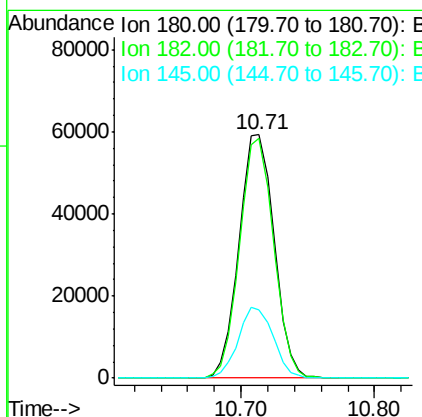
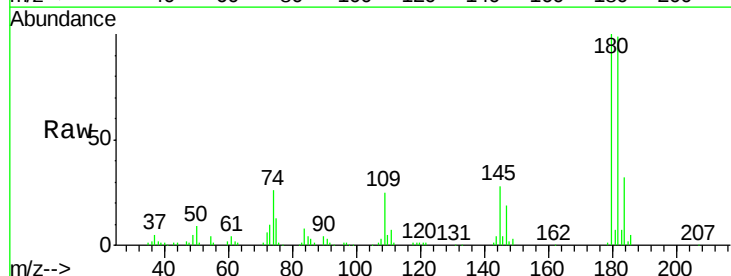
Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

Tgt Ion:162 Resp: 111976
 Ion Ratio Lower Upper
 162 100
 164 63.3 43.9 83.9
 98 36.0 15.6 55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 36.980 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion:180 Resp: 107931
 Ion Ratio Lower Upper
 180 100
 182 98.6 75.1 112.7
 145 28.1 24.1 36.1

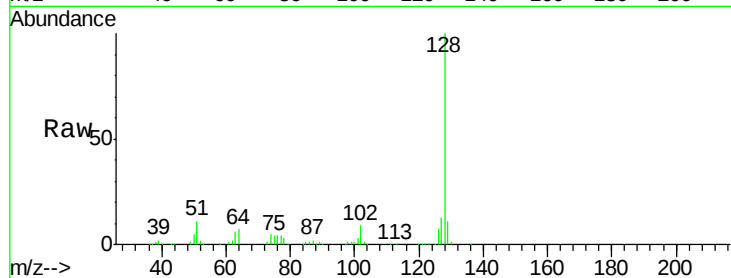




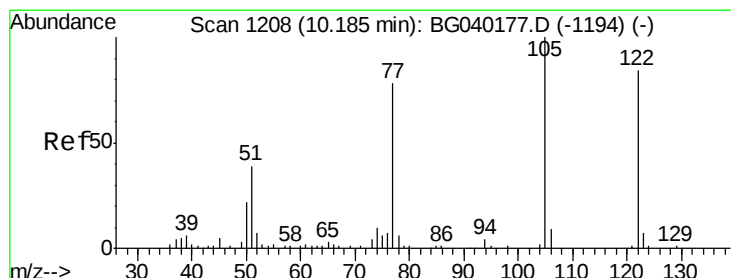
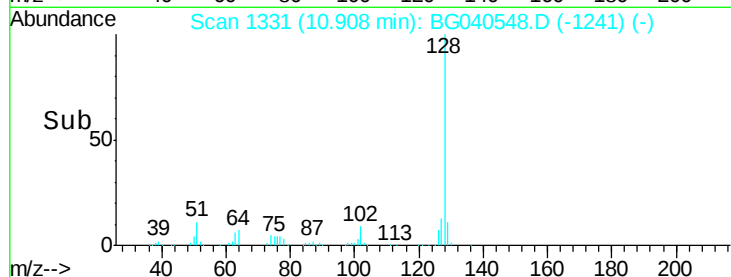
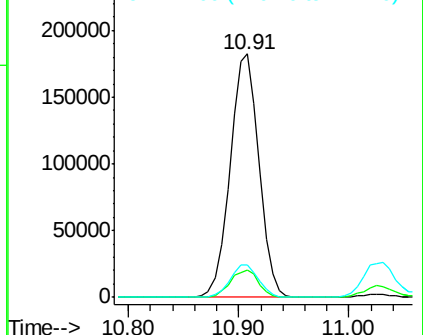
#31
Naphthalene
Concen: 38.931 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB118988BS

Tgt Ion:128 Resp: 333259
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.4 11.4 17.0

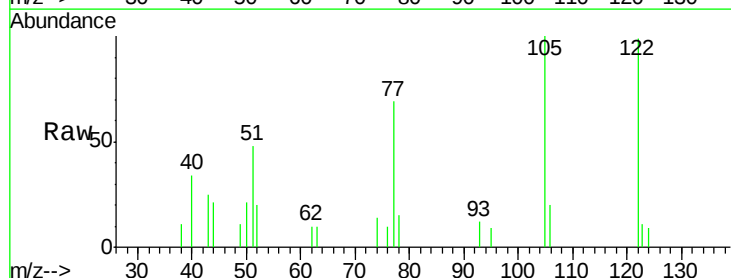


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

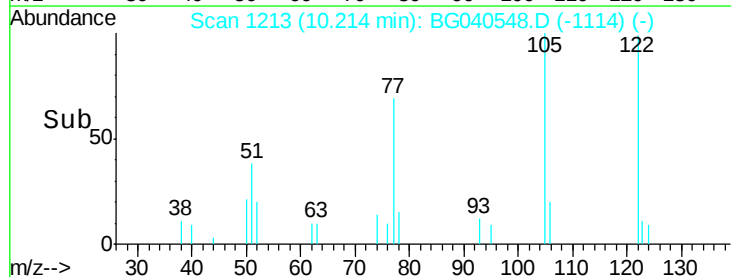
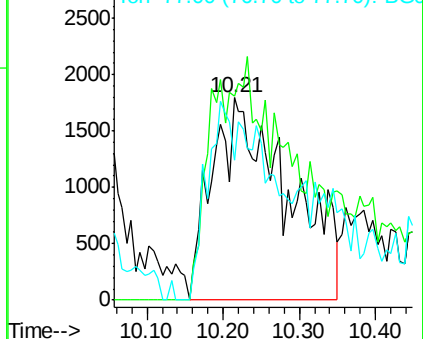


#32
Benzoic acid
Concen: 8.420 ng m
RT: 10.21 min Scan# 1213
Delta R.T. 0.05 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion:122 Resp: 12458
Ion Ratio Lower Upper
122 100
105 100.8 98.2 138.2
77 69.4 73.6 113.6#



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

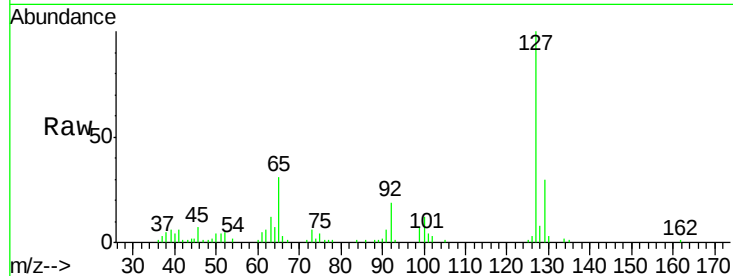




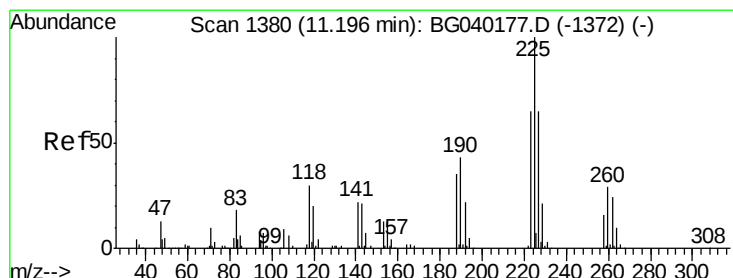
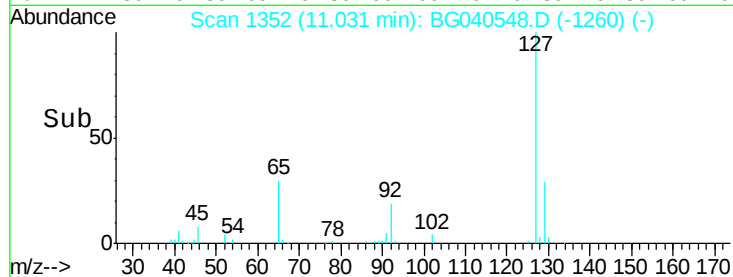
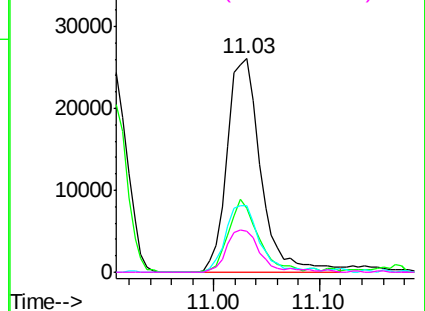
#33
4-Chloroaniline
Concen: 15.750 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB118988BS

Tgt Ion:	127	Resp:	57511
Ion	Ratio	Lower	Upper
127	100		
129	29.8	26.6	40.0
65	31.2	27.0	40.4
92	19.0	16.6	25.0

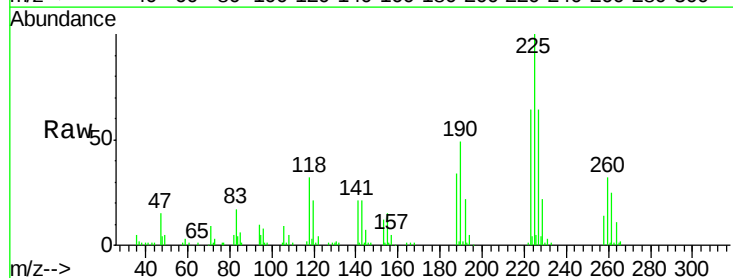


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

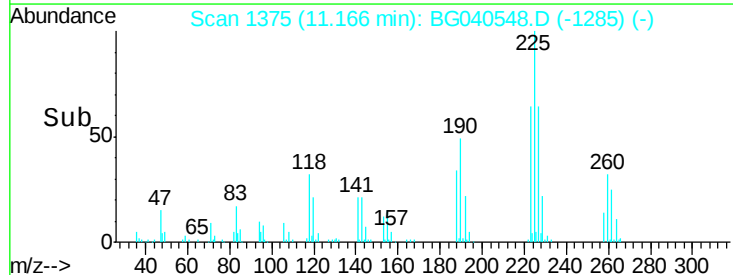
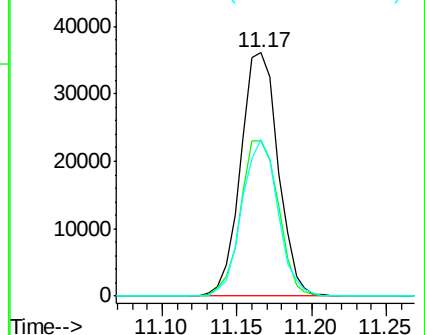


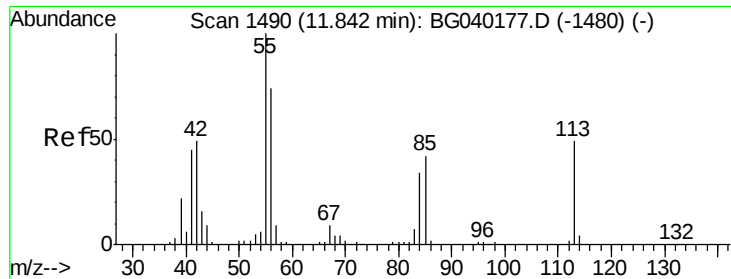
#34
Hexachlorobutadiene
Concen: 33.584 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion:	225	Resp:	62688
Ion	Ratio	Lower	Upper
225	100		
223	63.9	51.8	77.8
227	64.5	54.9	82.3



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





#35

Caprolactam

Concen: 51.801 ng

RT: 11.80 min Scan# 1483

Delta R.T. -0.02 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

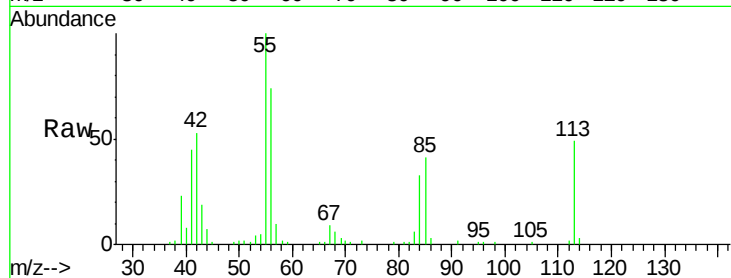
Tgt Ion:113 Resp: 54641

Ion Ratio Lower Upper

113 100

55 204.2 184.2 224.2

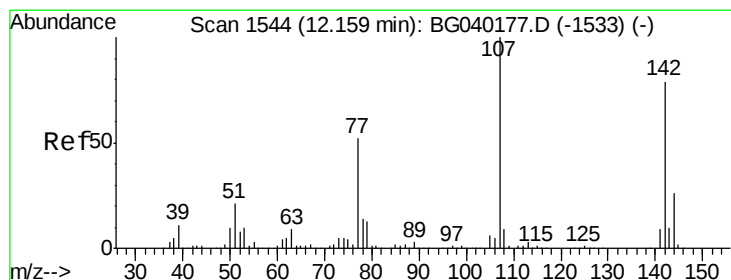
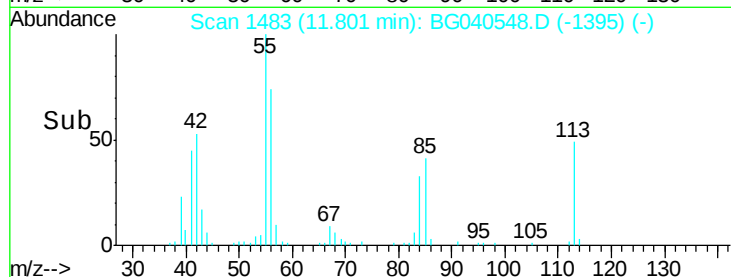
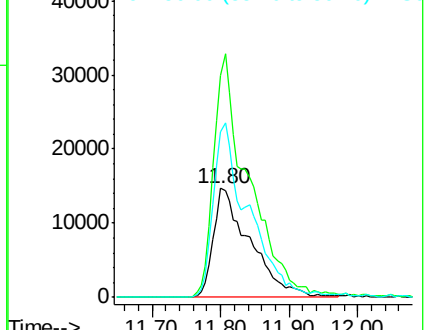
56 151.7 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.535 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

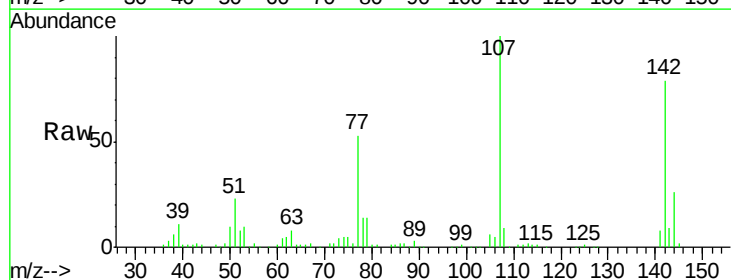
Tgt Ion:107 Resp: 142199

Ion Ratio Lower Upper

107 100

144 25.6 20.5 30.7

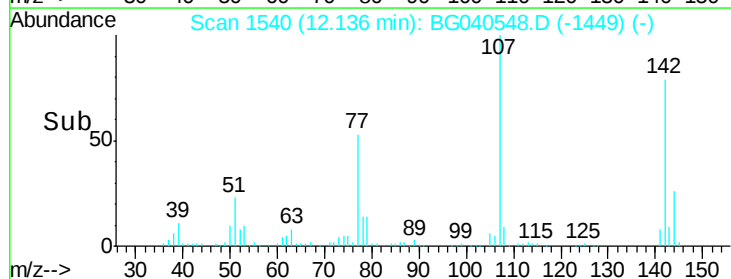
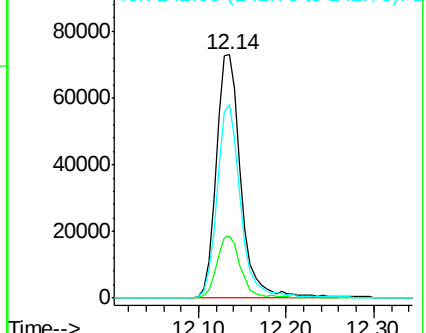
142 79.4 63.1 94.7

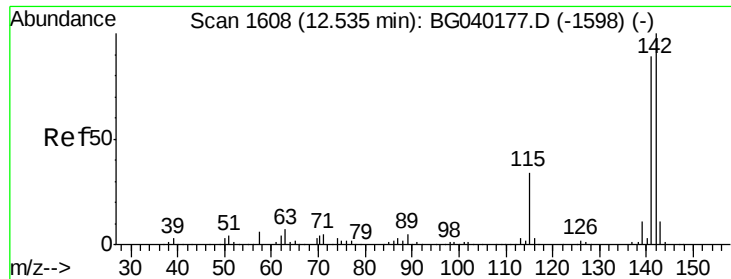


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

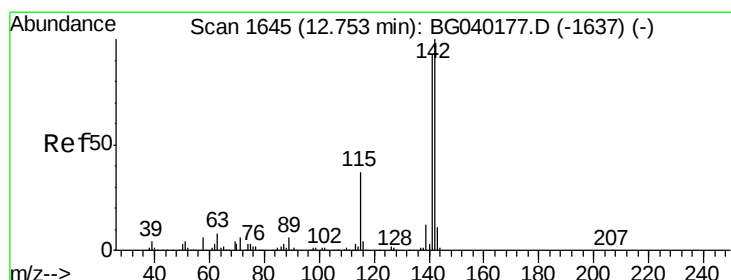
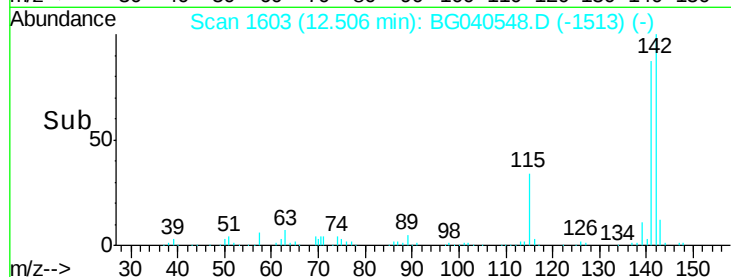
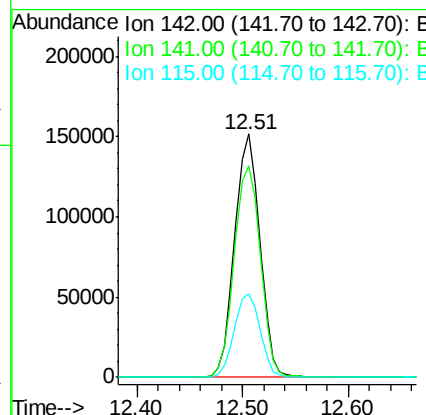
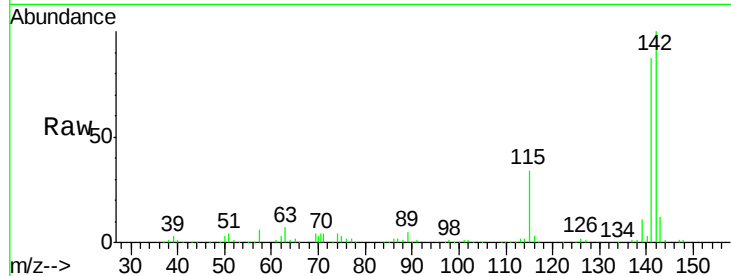




#37
2-Methylnaphthalene
Concen: 39.707 ng
RT: 12.51 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

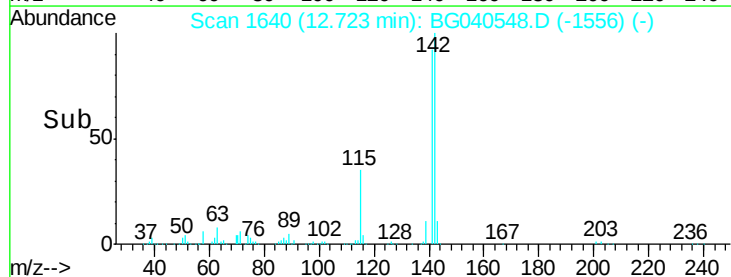
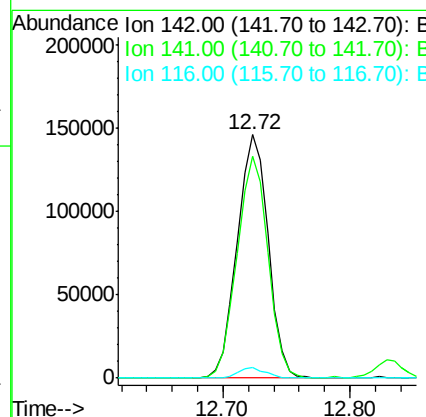
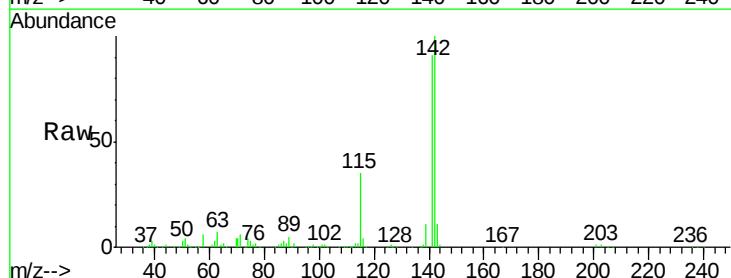
Instrument :
BNA_G
ClientSampleId :
PB118988BS

Tgt Ion:142 Resp: 251387
Ion Ratio Lower Upper
142 100
141 86.9 71.0 106.6
115 34.3 27.3 40.9



#38
1-Methylnaphthalene
Concen: 40.269 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion:142 Resp: 247220
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4
116 4.2 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

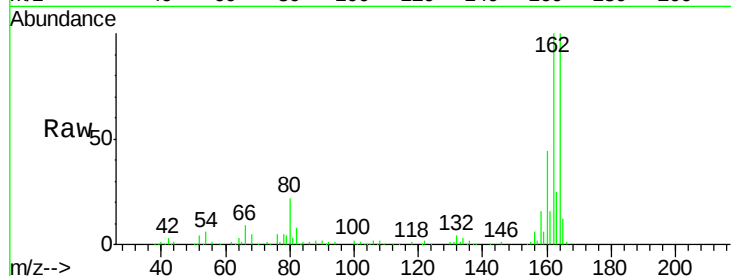
Tgt Ion:164 Resp: 117375

Ion Ratio Lower Upper

164 100

162 99.9 77.4 116.2

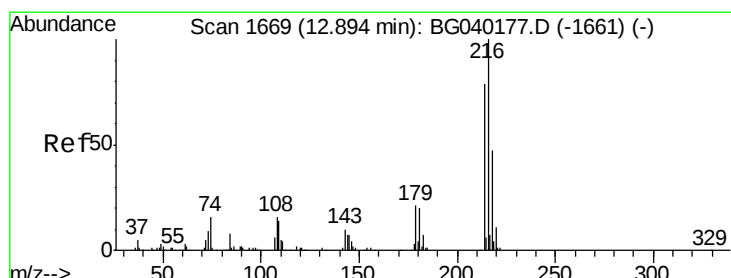
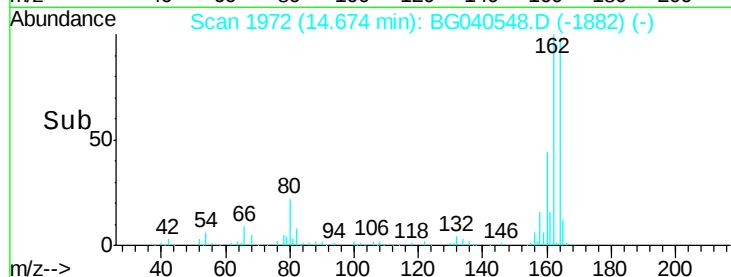
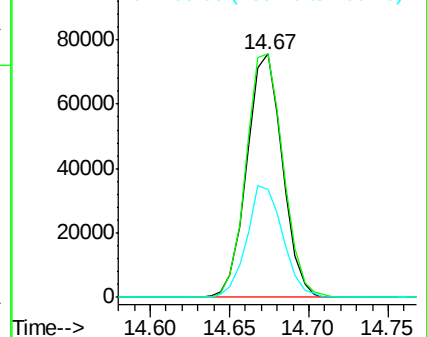
160 44.1 35.3 52.9



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: 33.920 ng

RT: 12.86 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Tgt Ion:216 Resp: 126543

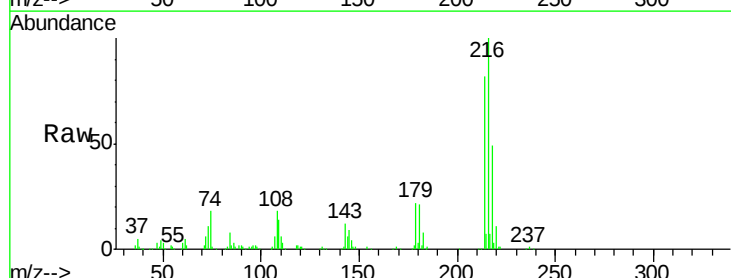
Ion Ratio Lower Upper

216 100

214 79.4 63.5 95.3

179 20.6 16.6 25.0

108 20.2 13.8 20.8

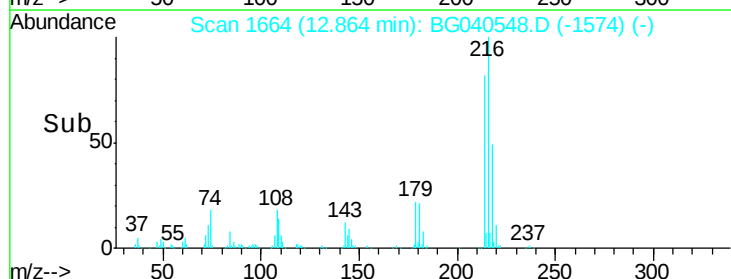
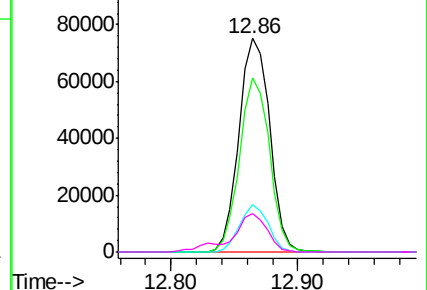


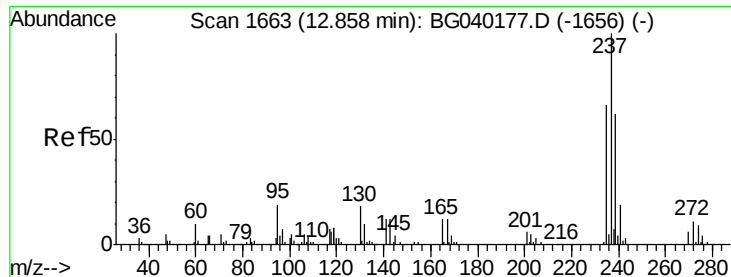
Abundance Ion 216.00 (215.70 to 216.70): E

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: 68.304 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

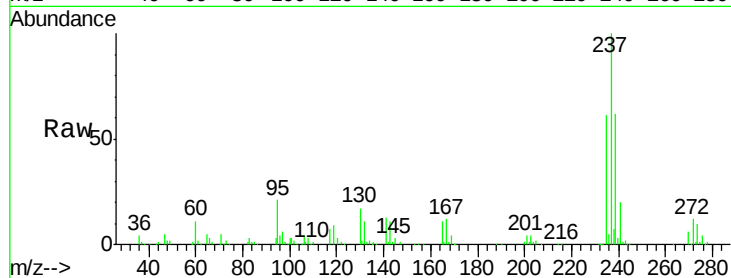
Tgt Ion: 237 Resp: 139911

Ion Ratio Lower Upper

237 100

235 60.7 46.2 86.2

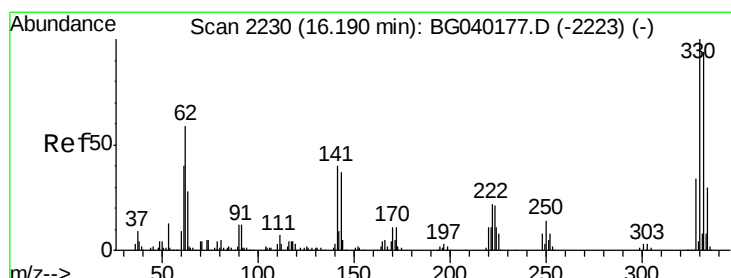
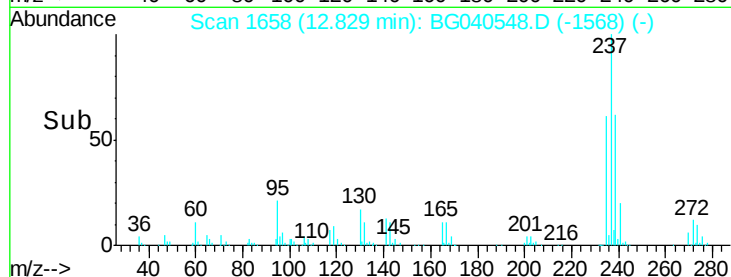
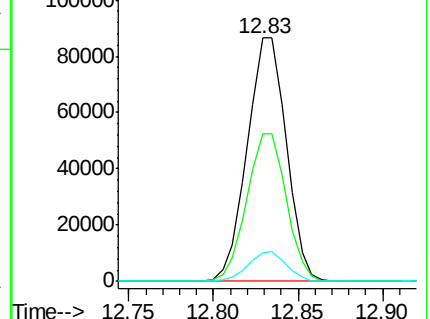
272 11.6 0.0 30.5



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: 146.499 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

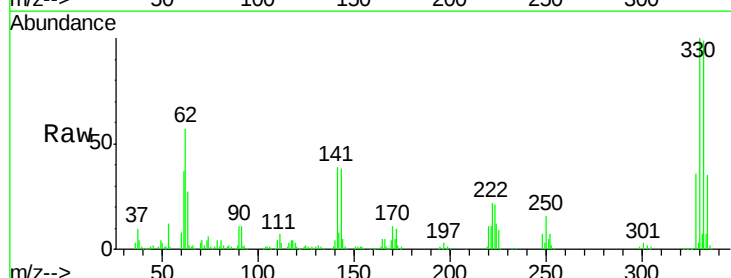
Tgt Ion: 330 Resp: 185837

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

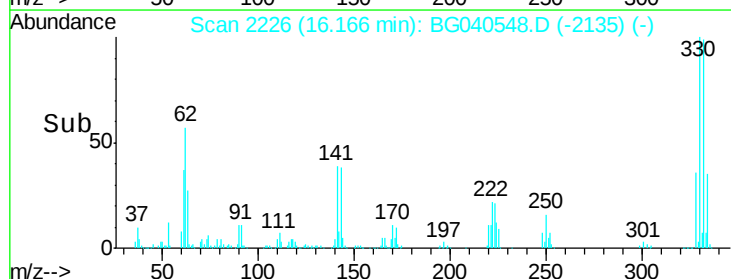
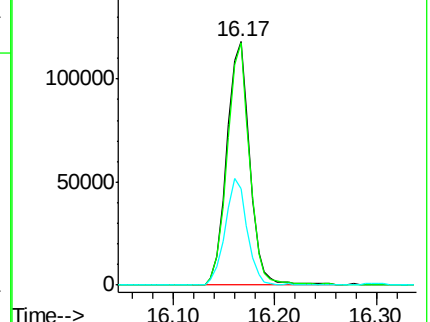
141 41.5 32.6 48.8

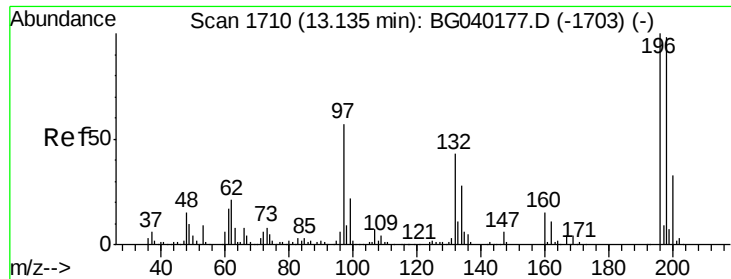


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

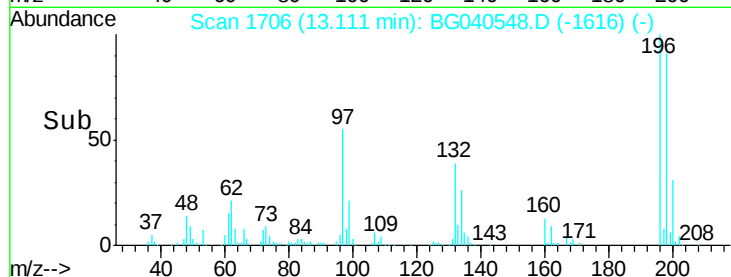
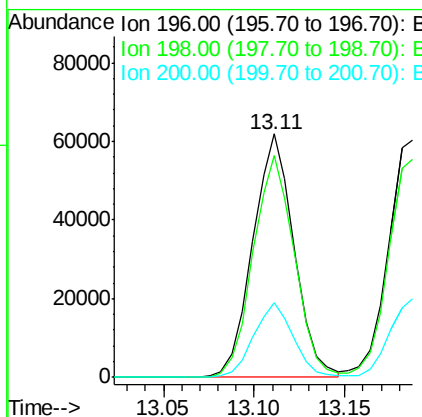
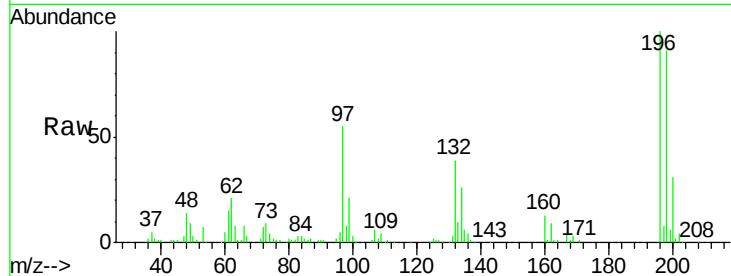




#43
 2,4,6-Trichlorophenol
 Concen: 40.492 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

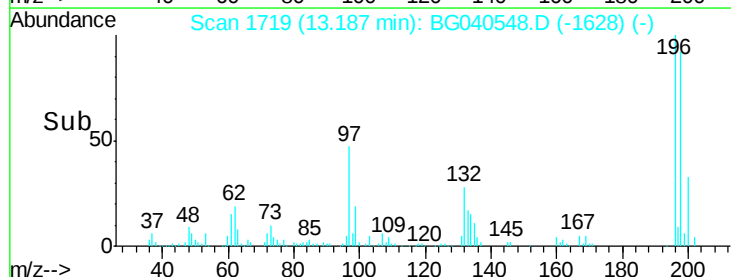
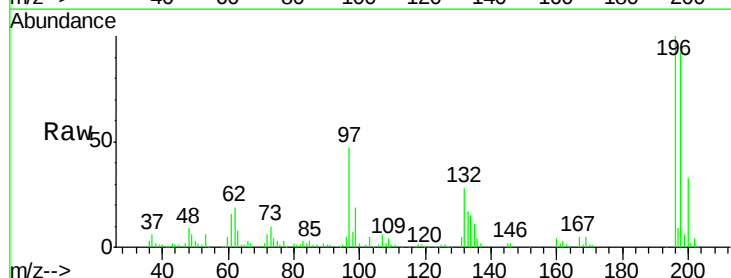
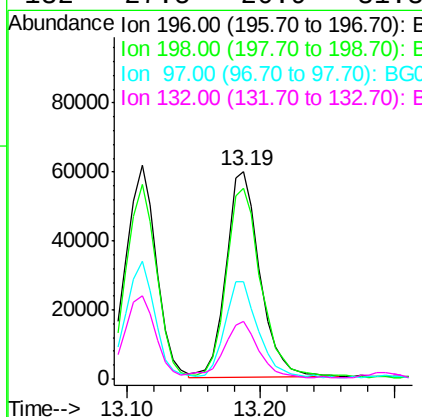
Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

Tgt Ion:196 Resp: 97392
 Ion Ratio Lower Upper
 196 100
 198 91.1 78.3 117.5
 200 30.8 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 40.354 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion:196 Resp: 105793
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.0 112.6
 97 46.8 37.3 55.9
 132 27.5 20.9 31.3

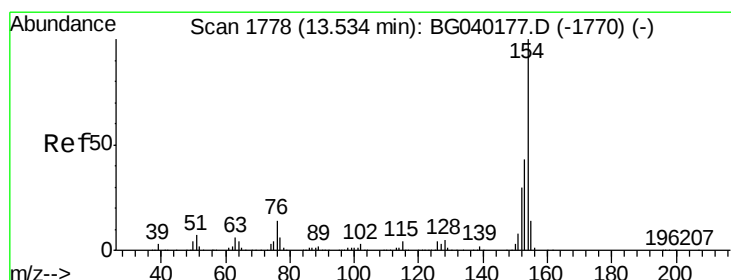
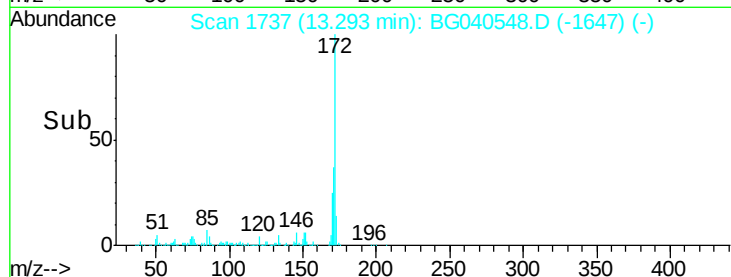
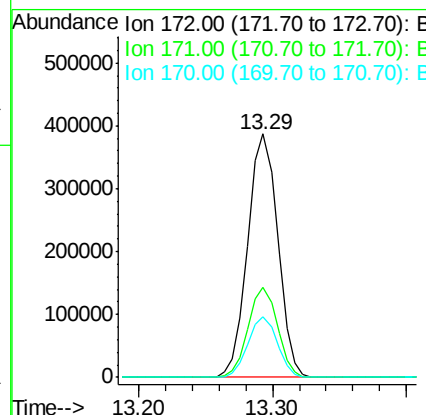
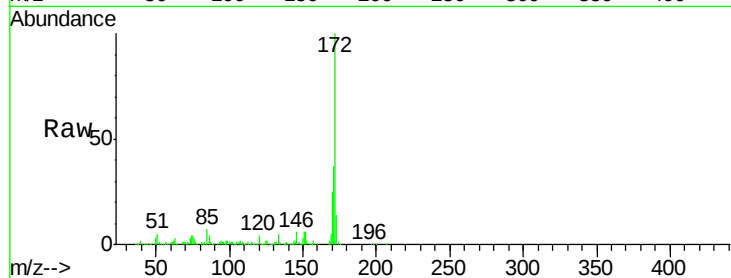




#45
2-Fluorobiphenyl
Concen: 75.936 ng
RT: 13.29 min Scan# 1737
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

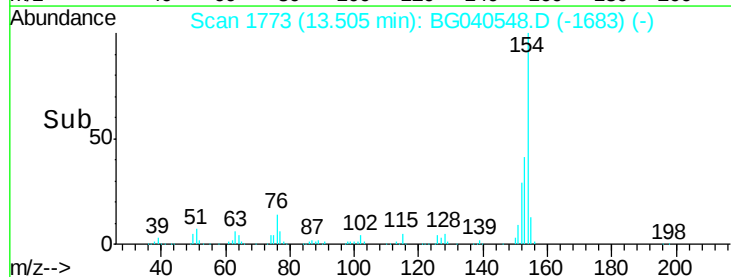
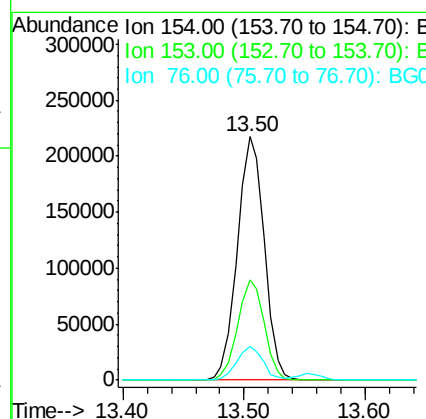
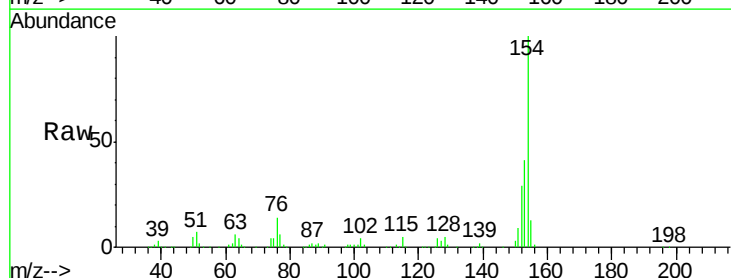
Instrument :
BNA_G
ClientSampleId :
PB118988BS

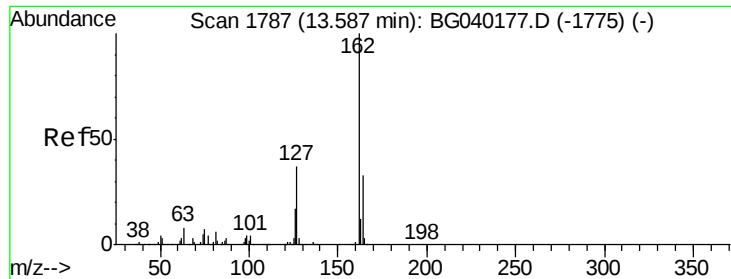
Tgt Ion:172 Resp: 601511
Ion Ratio Lower Upper
172 100
171 36.9 30.5 45.7
170 24.7 20.1 30.1



#46
1,1'-Biphenyl
Concen: 36.419 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion:154 Resp: 337758
Ion Ratio Lower Upper
154 100
153 41.1 22.5 62.5
76 13.9 0.0 33.7

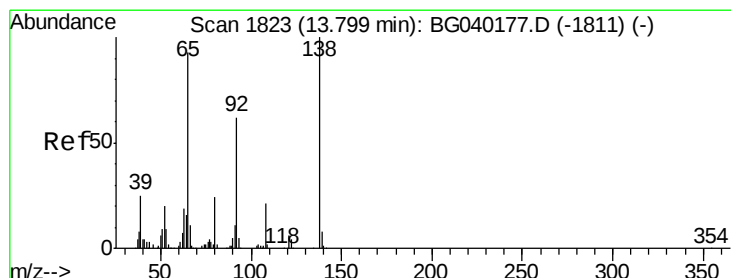
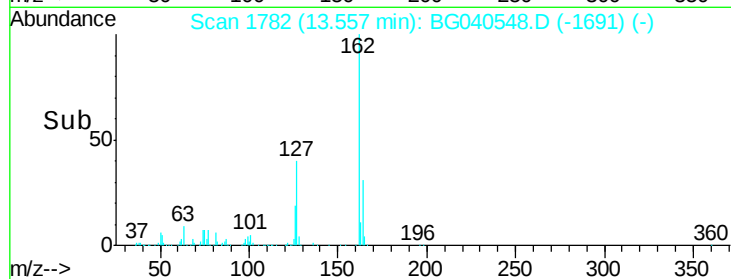
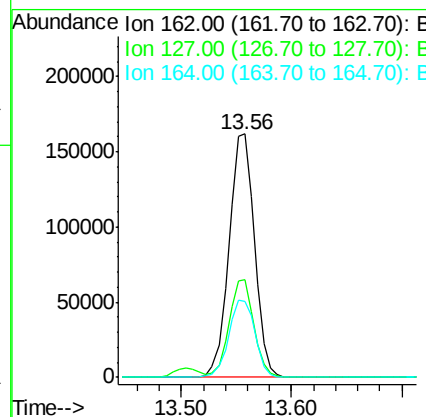
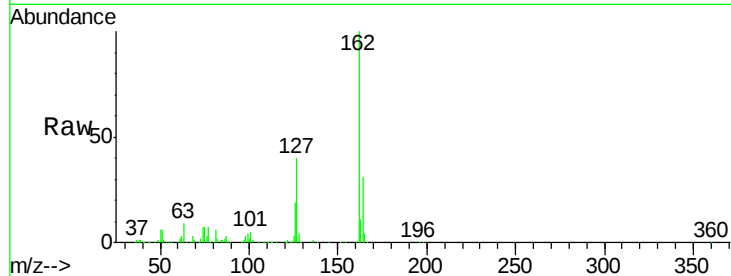




#47
 2-Chloronaphthalene
 Concen: 36.835 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

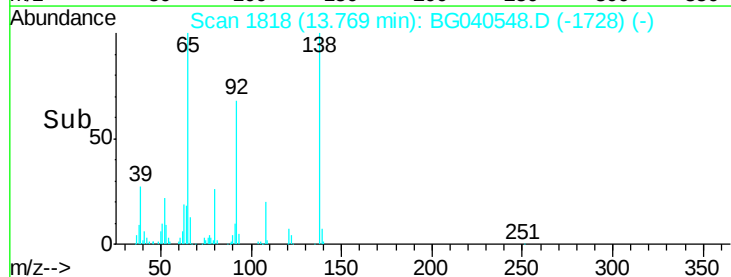
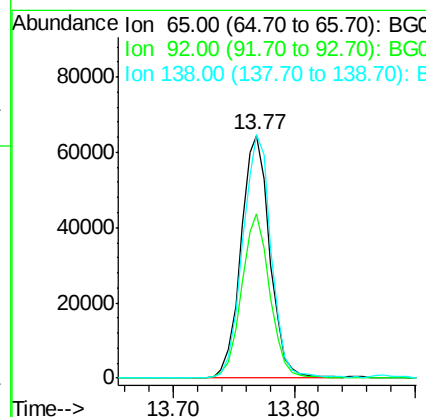
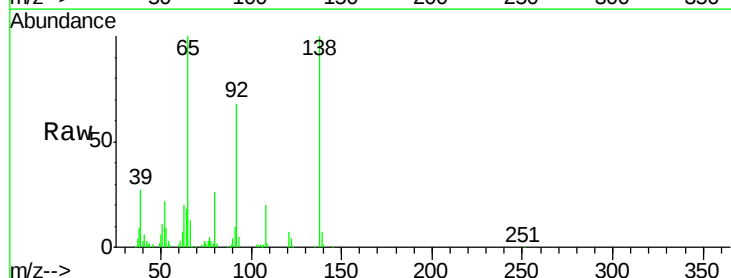
Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

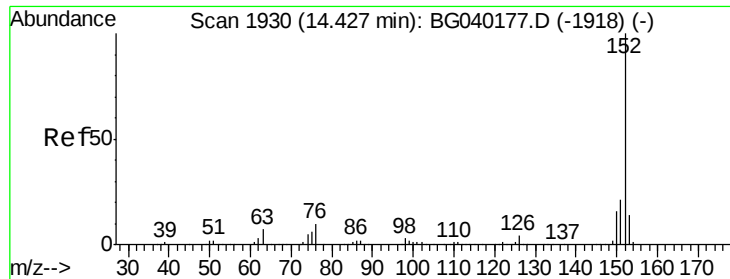
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.9	30.6	45.8
164	31.3	26.2	39.4



#48
 2-Nitroaniline
 Concen: 44.698 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.8	80.6
138	100.3	86.3	129.5





#49

Acenaphthylene

Concen: 38.947 ng

RT: 14.40 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

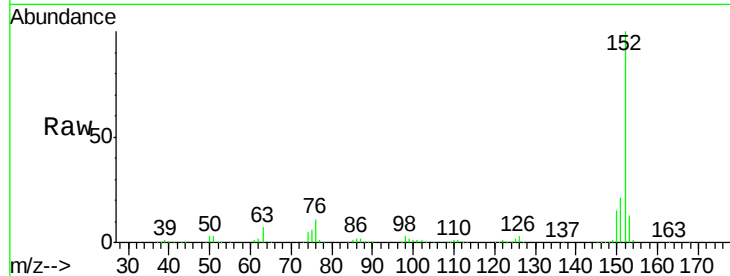
Tgt Ion:152 Resp: 469751

Ion Ratio Lower Upper

152 100

151 21.2 17.0 25.6

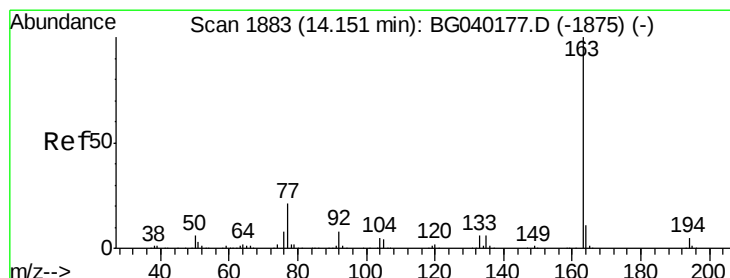
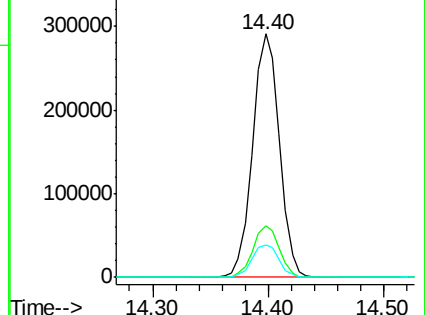
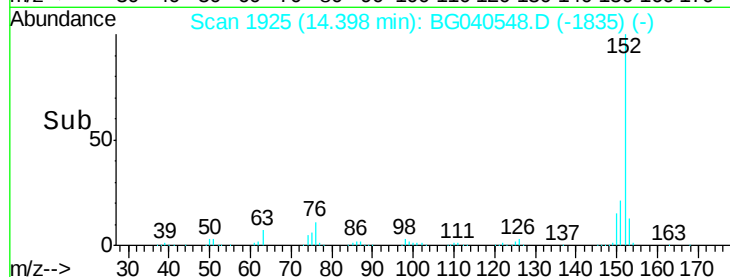
153 13.1 10.8 16.2



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: 44.639 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

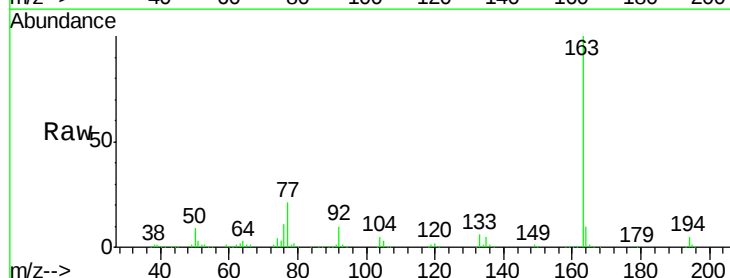
Tgt Ion:163 Resp: 410067

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

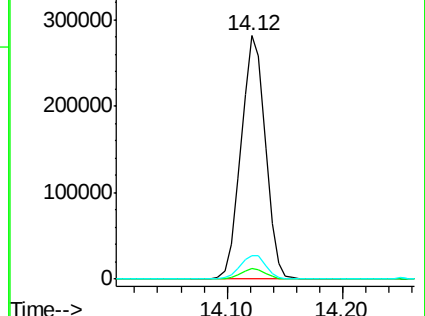
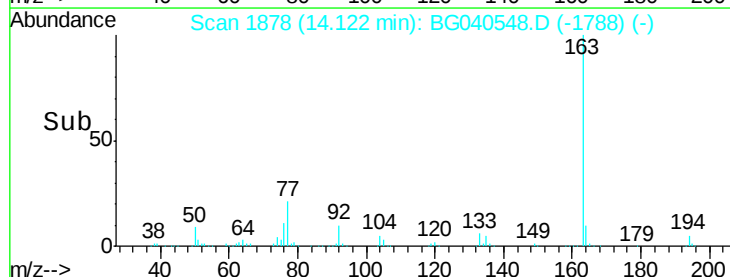
164 9.9 8.6 13.0

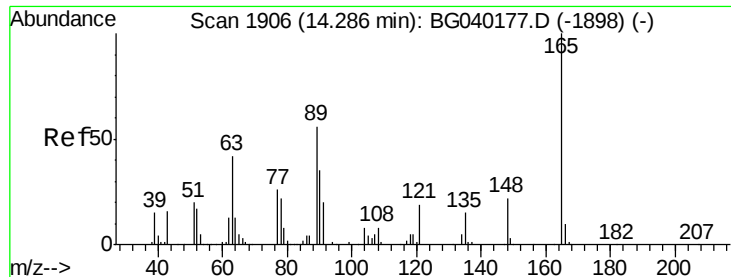


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

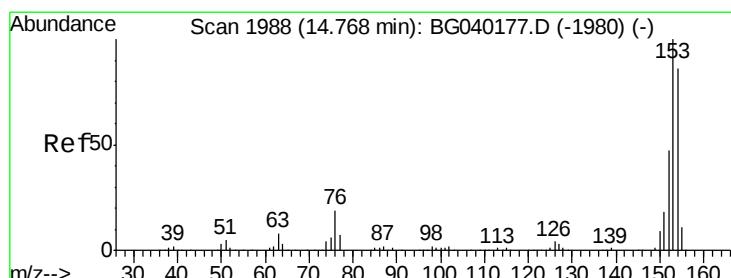
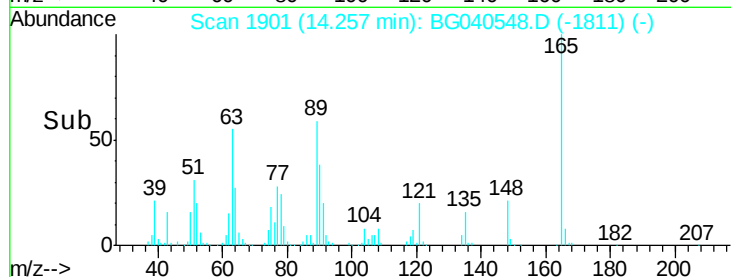
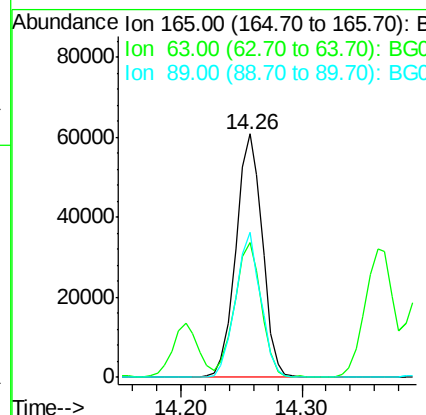
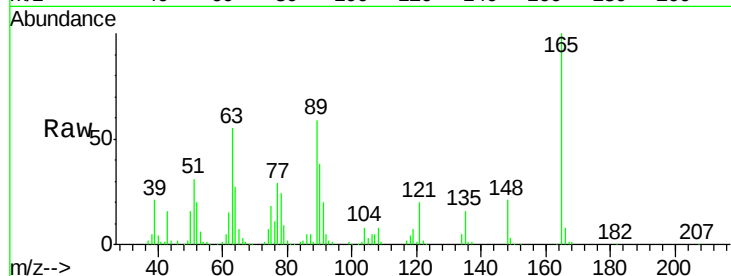




#51
 2,6-Dinitrotoluene
 Concen: 44.836 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

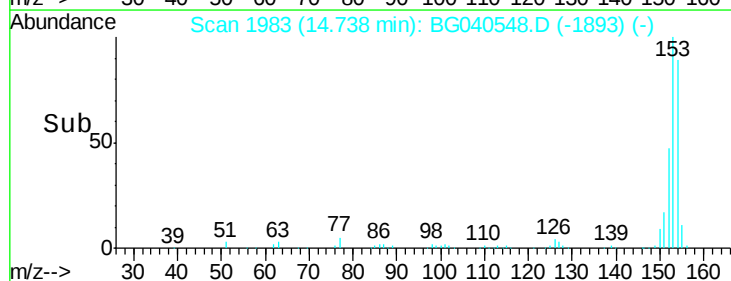
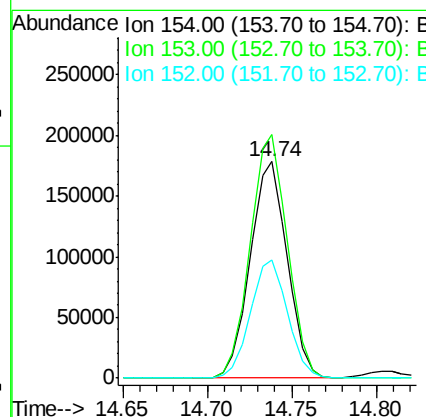
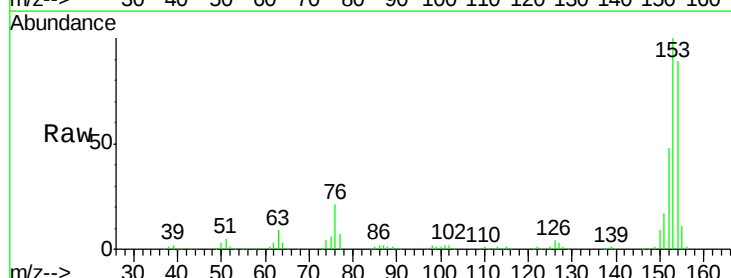
Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.4	44.1	66.1
89	59.5	44.9	67.3



#52
 Acenaphthene
 Concen: 39.274 ng
 RT: 14.74 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	92.8	139.2
152	54.4	43.4	65.2





#53

3-Nitroaniline

Concen: 16.128 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

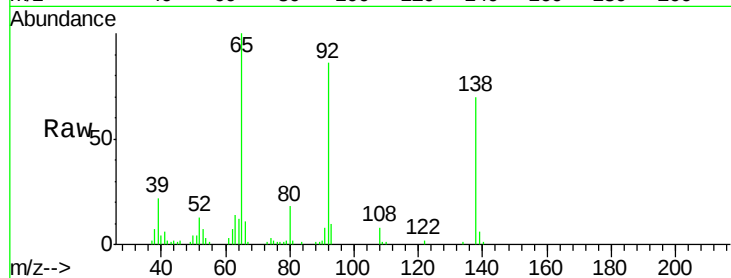
Tgt Ion:138 Resp: 35213

Ion Ratio Lower Upper

138 100

108 11.6 7.8 11.8

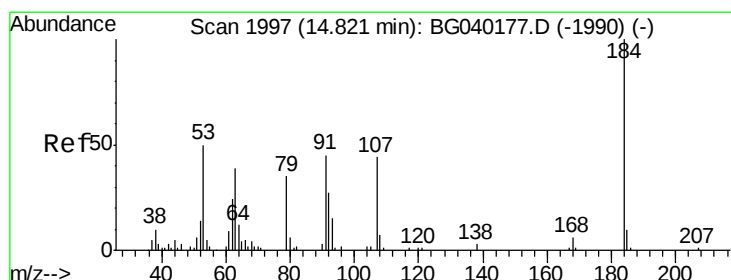
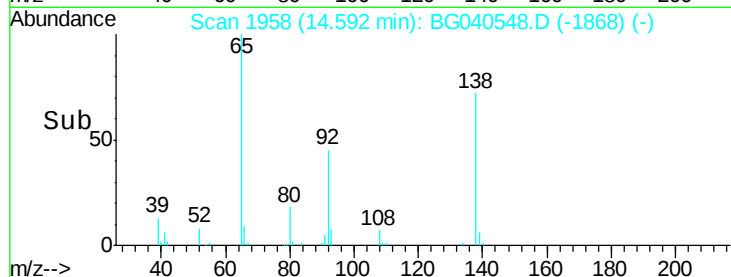
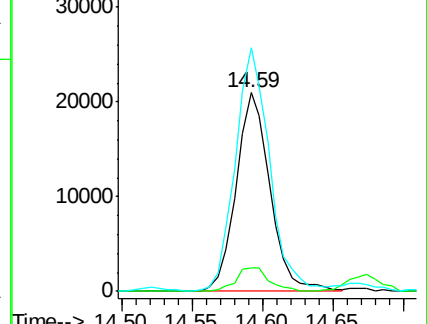
92 122.5 87.5 131.3



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: 16.208 ng

RT: 14.81 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

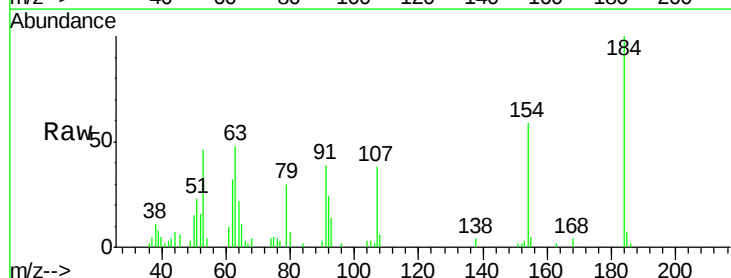
Tgt Ion:184 Resp: 17780

Ion Ratio Lower Upper

184 100

63 48.3 51.8 77.8#

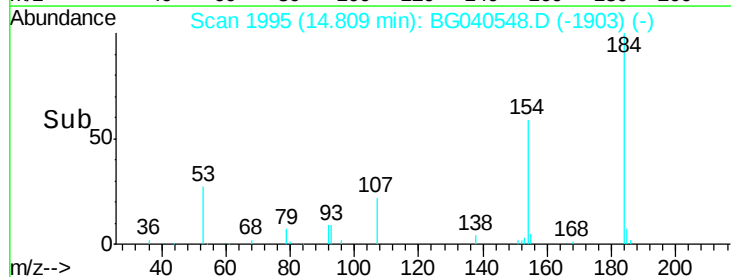
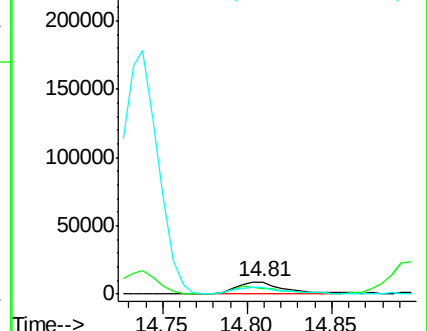
154 59.0 50.9 76.3

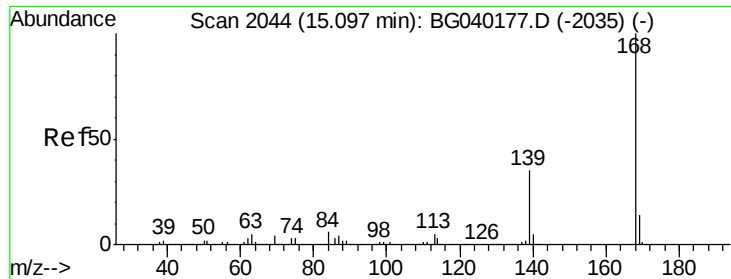


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

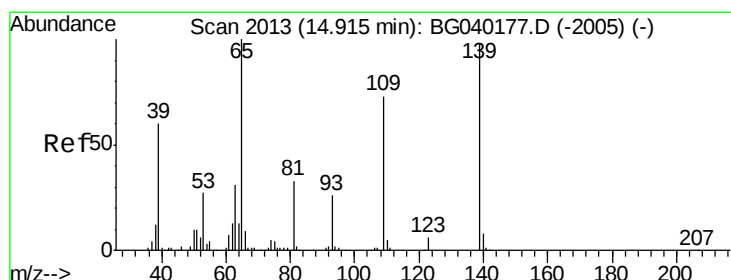
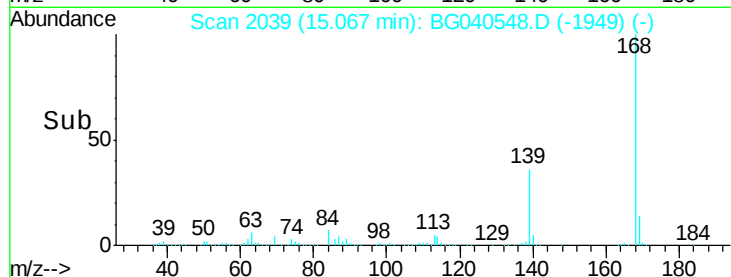
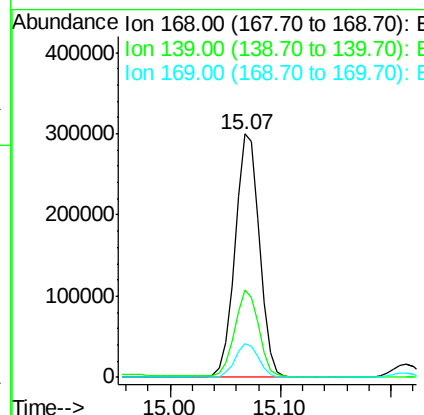
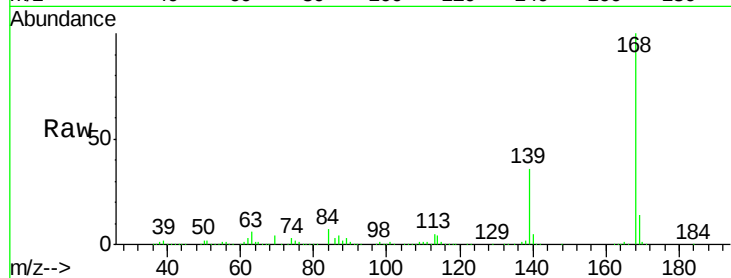




#55
Dibenzenofuran
Concen: 41.693 ng
RT: 15.07 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

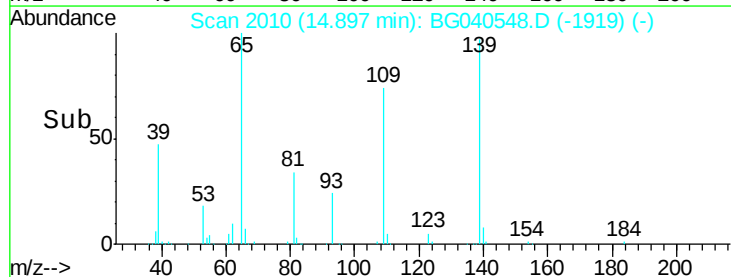
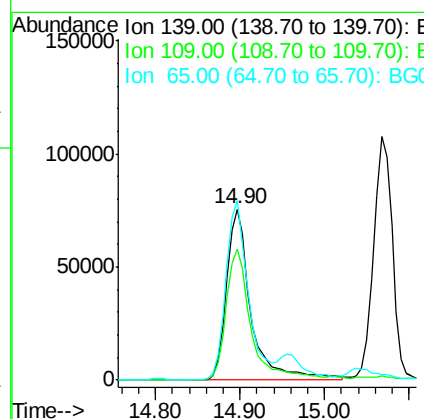
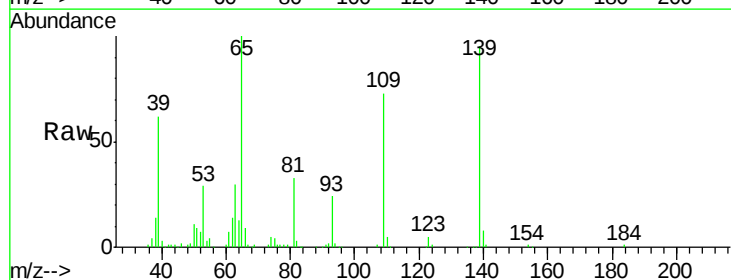
Instrument :
BNA_G
ClientSampleId :
PB118988BS

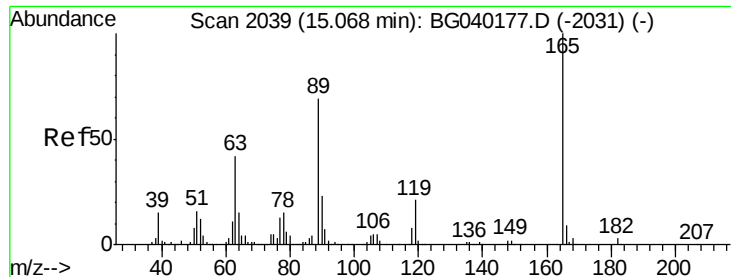
Tgt Ion:168 Resp: 463022
Ion Ratio Lower Upper
168 100
139 35.9 27.9 41.9
169 13.7 11.3 16.9



#56
4-Nitrophenol
Concen: 86.543 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion:139 Resp: 152502
Ion Ratio Lower Upper
139 100
109 76.4 54.3 94.3
65 105.1 82.5 122.5

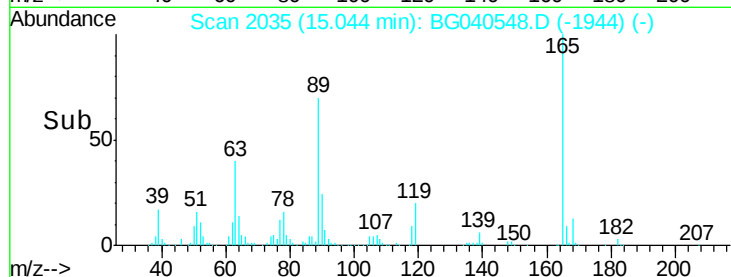
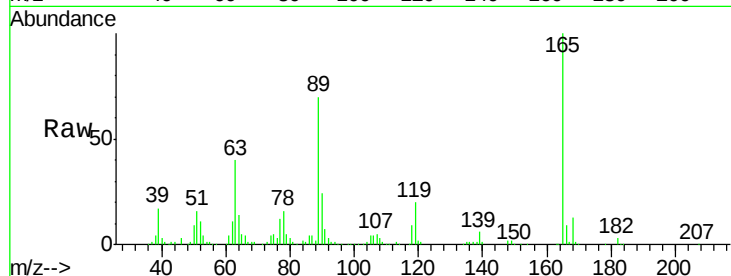




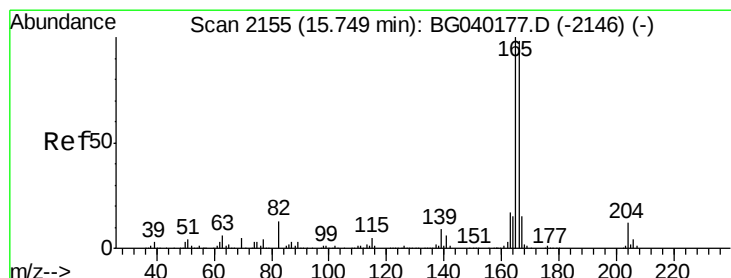
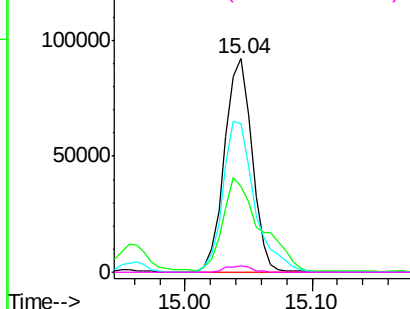
#57
2,4-Dinitrotoluene
Concen: 48.357 ng
RT: 15.04 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB118988BS

Tgt Ion:165 Resp: 138594
Ion Ratio Lower Upper
165 100
63 40.4 33.8 50.6
89 69.8 55.4 83.2
182 2.9 2.2 3.4

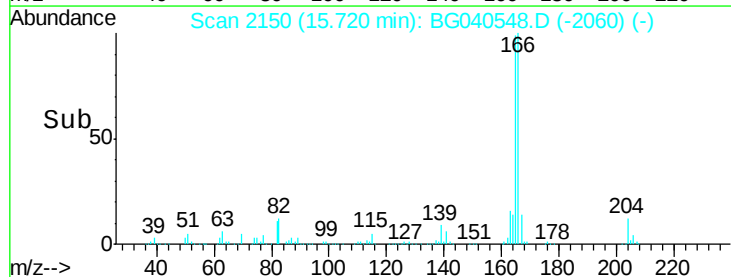
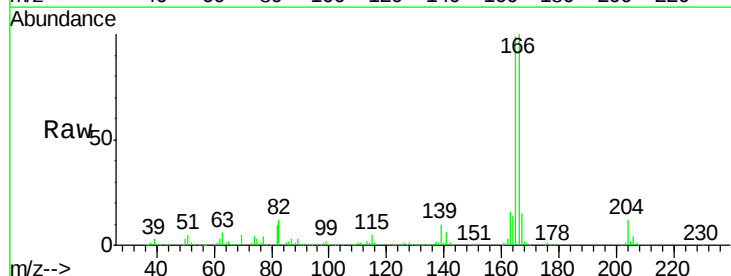


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

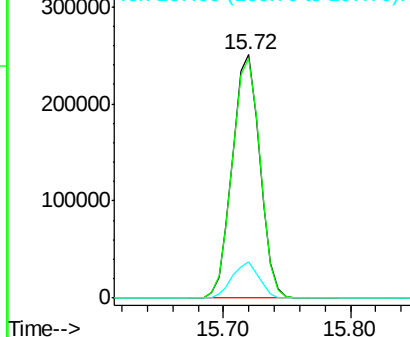


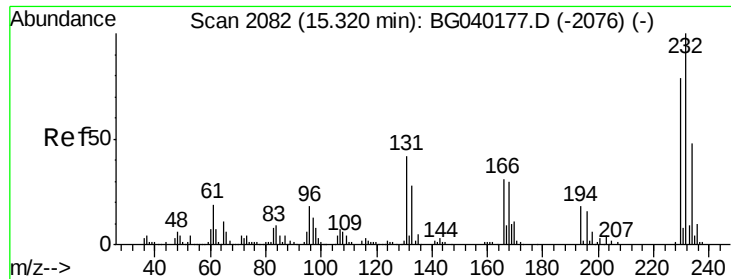
#58
Fluorene
Concen: 43.112 ng
RT: 15.72 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion:166 Resp: 376430
Ion Ratio Lower Upper
166 100
165 98.5 81.7 122.5
167 14.7 11.9 17.9



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

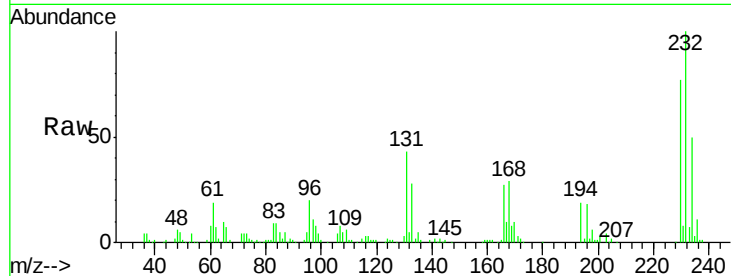




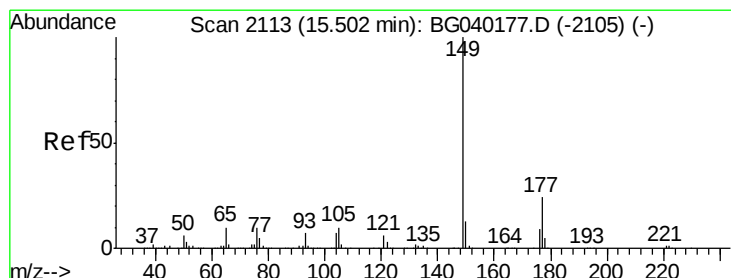
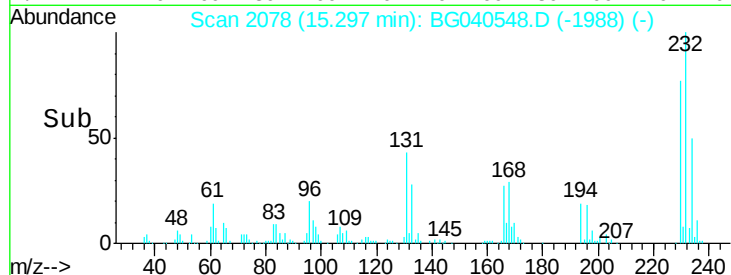
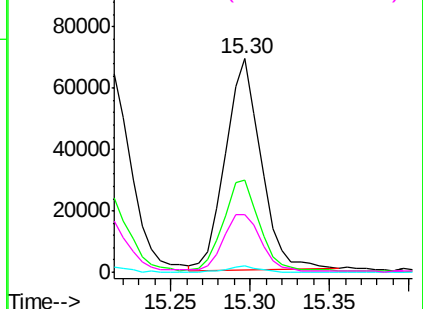
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.108 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

Tgt Ion:	232	Resp:	107312
Ion	Ratio	Lower	Upper
232	100		
131	44.9	32.9	49.3
130	2.7	1.8	2.8
166	28.2	23.5	35.3

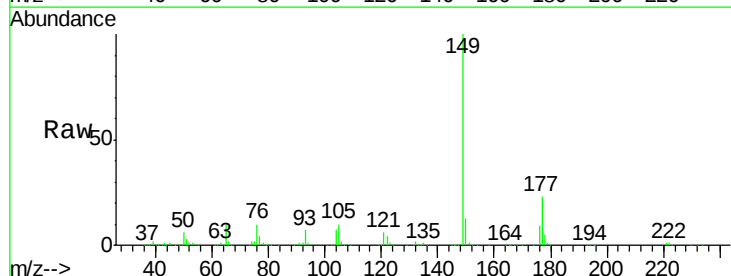


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

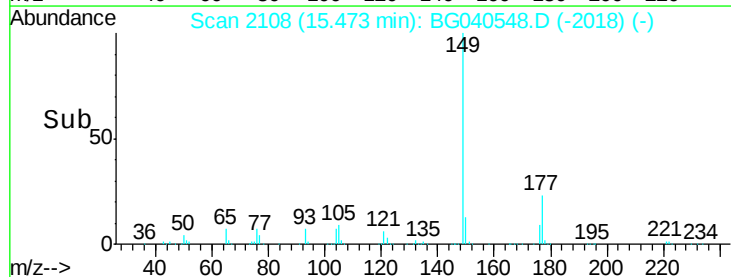
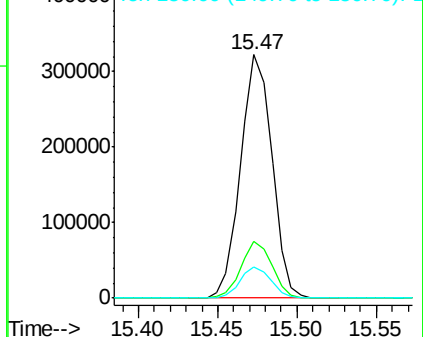


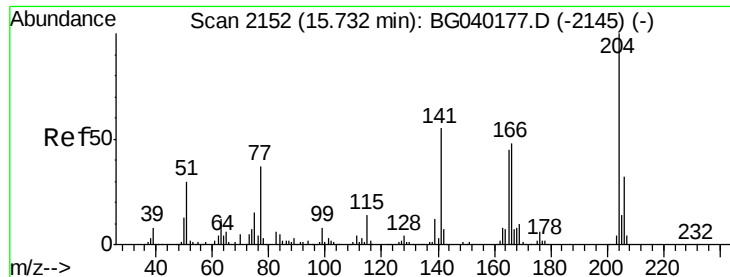
#60
 Diethylphthalate
 Concen: 47.305 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion:	149	Resp:	444679
Ion	Ratio	Lower	Upper
149	100		
177	23.5	19.1	28.7
150	12.8	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

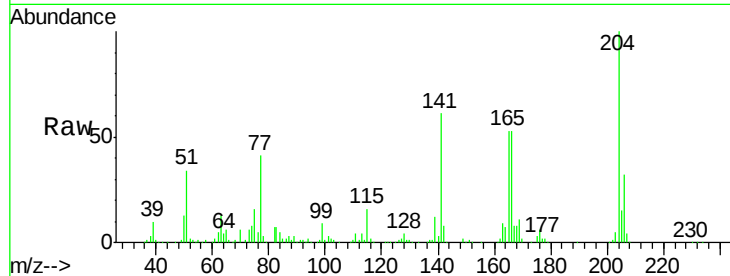




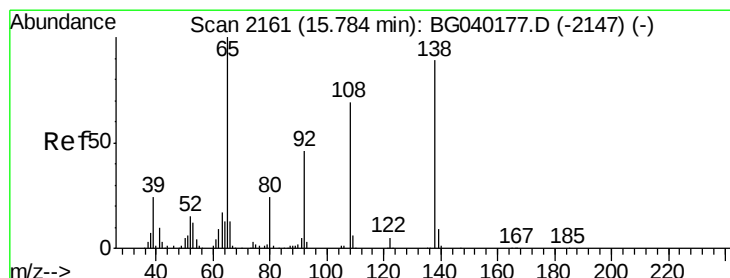
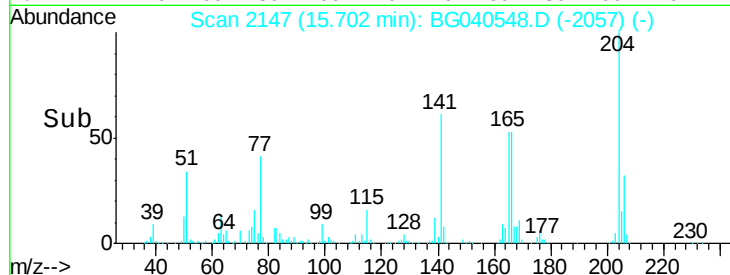
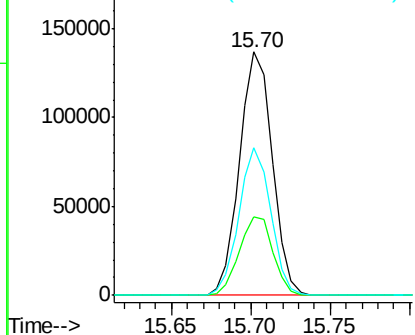
#61
 4-Chlorophenyl-phenylether
 Concen: 42.010 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

Tgt Ion: 204 Resp: 196070
 Ion Ratio Lower Upper
 204 100
 206 32.4 25.7 38.5
 141 60.7 44.0 66.0

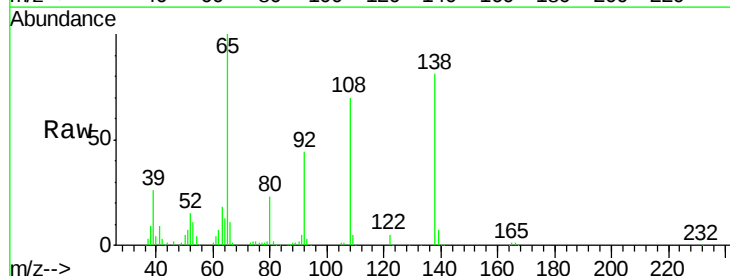


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

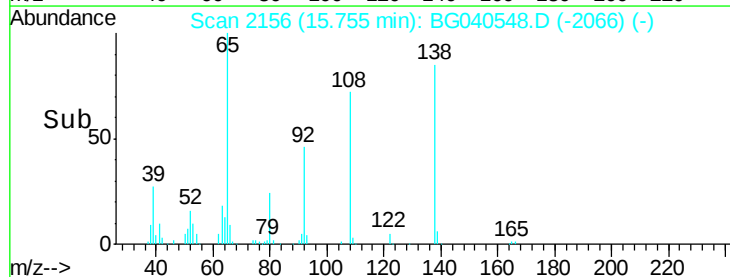
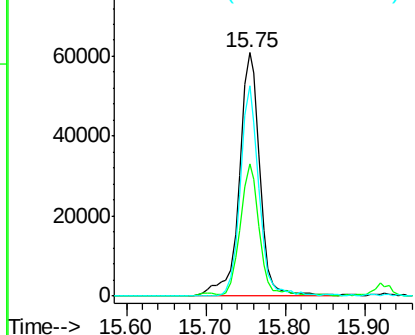


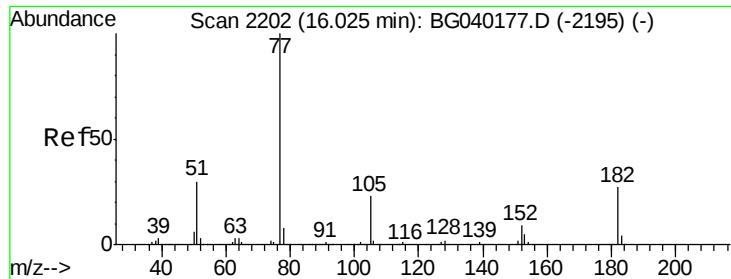
#62
 4-Nitroaniline
 Concen: 46.683 ng
 RT: 15.75 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion: 138 Resp: 109384
 Ion Ratio Lower Upper
 138 100
 92 54.3 31.8 71.8
 108 86.7 57.2 97.2



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





#63

Azobenzene

Concen: 45.713 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

Tgt Ion: 77 Resp: 405331

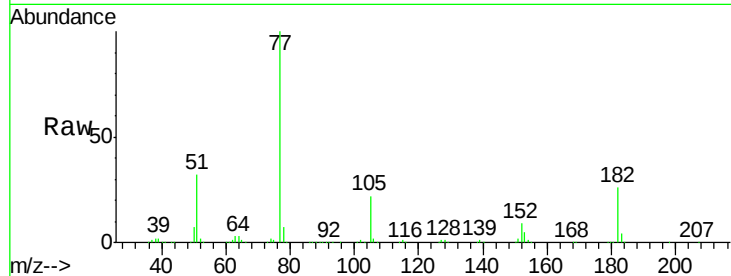
Ion Ratio Lower Upper

77 100

182 26.0 7.2 47.2

105 21.6 2.8 42.8

51 31.5 10.4 50.4

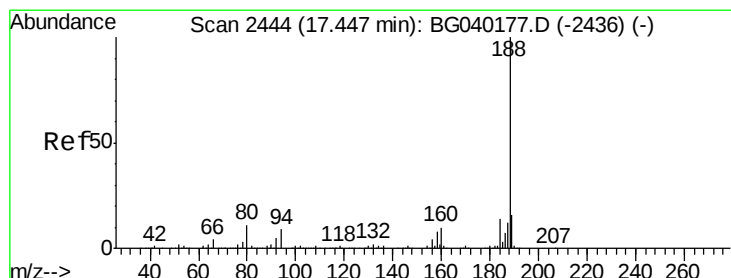
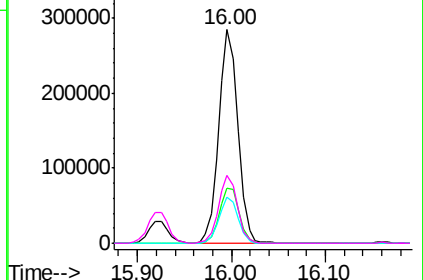
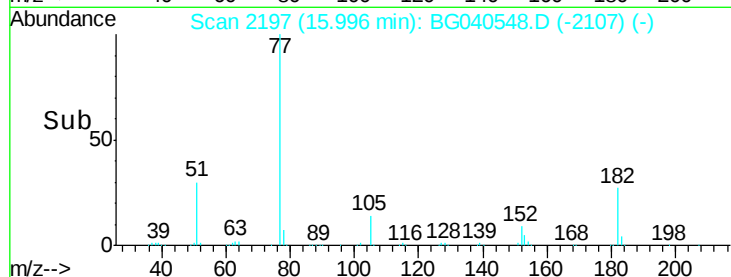


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2439

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

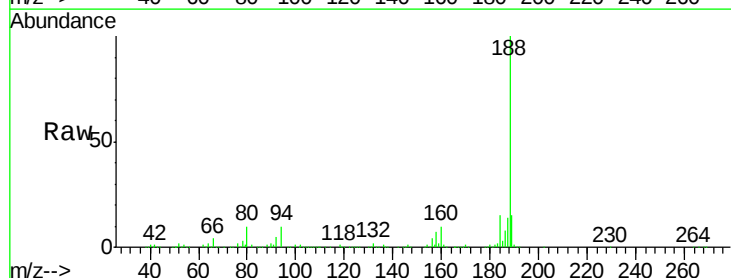
Tgt Ion: 188 Resp: 339332

Ion Ratio Lower Upper

188 100

94 9.6 7.0 10.4

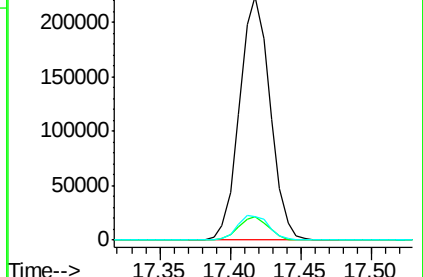
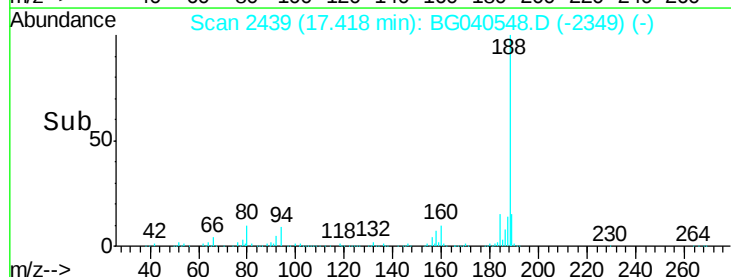
80 9.6 8.6 13.0



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: 18.535 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

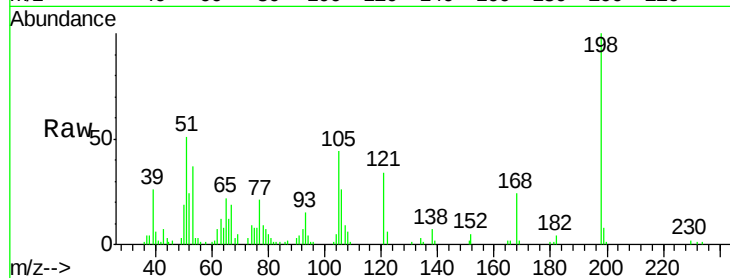
Tgt Ion:198 Resp: 35335

Ion Ratio Lower Upper

198 100

51 51.3 27.3 67.3

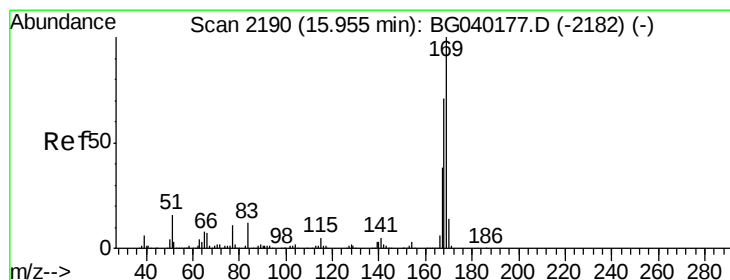
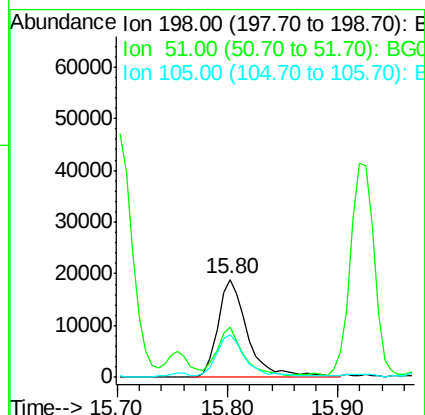
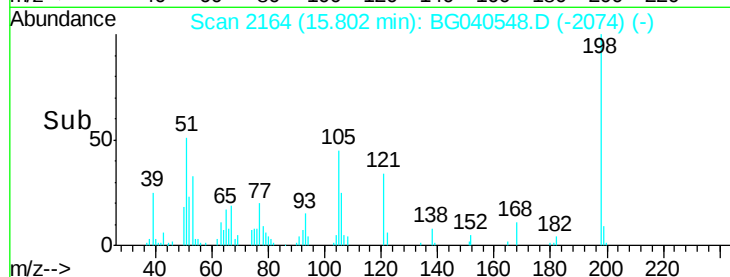
105 44.0 21.7 61.7



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: 37.200 ng

RT: 15.93 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

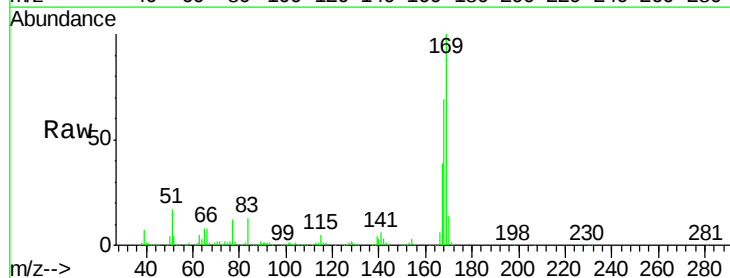
Tgt Ion:169 Resp: 369388

Ion Ratio Lower Upper

169 100

168 69.4 56.8 85.2

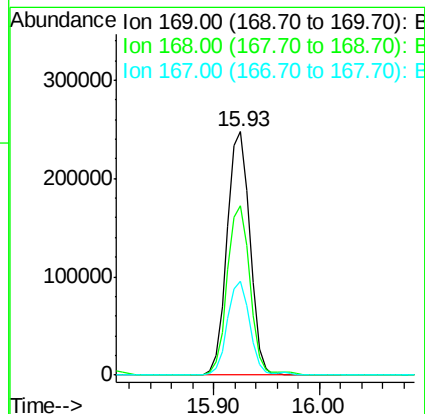
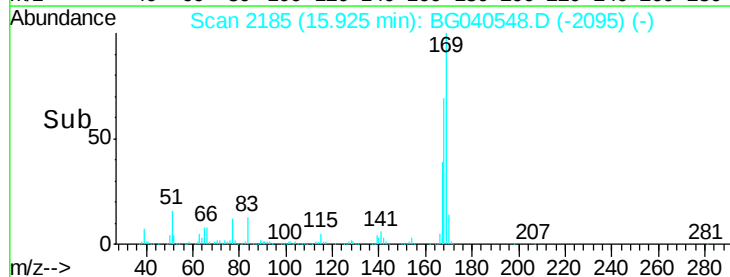
167 38.7 30.2 45.4



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

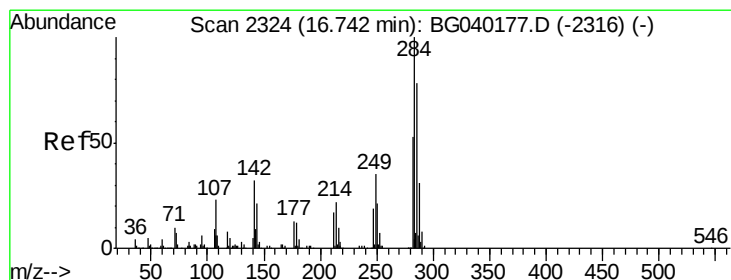
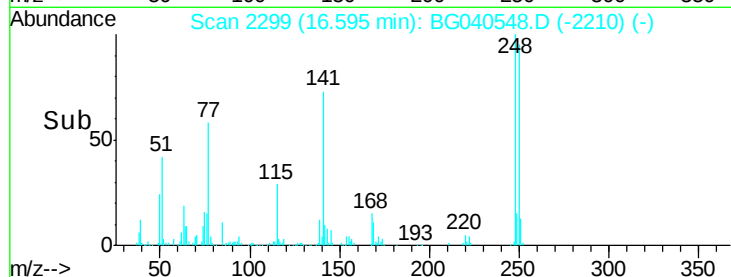
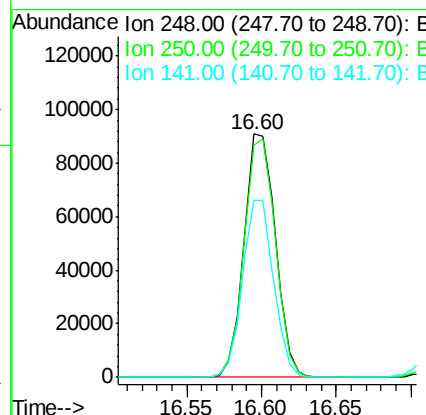
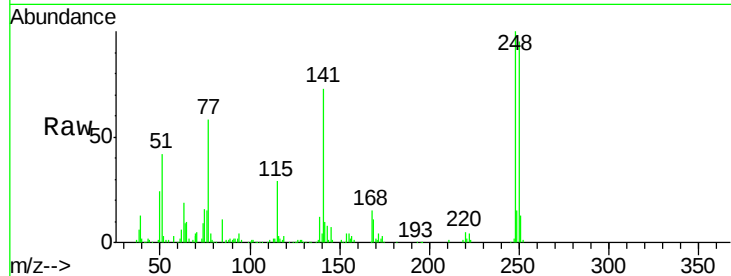




#67
 4-Bromophenyl-phenylether
 Concen: 34.791 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

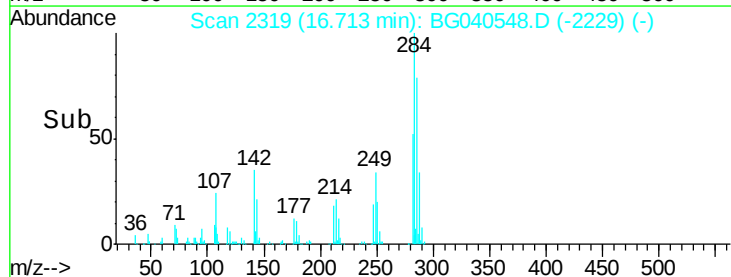
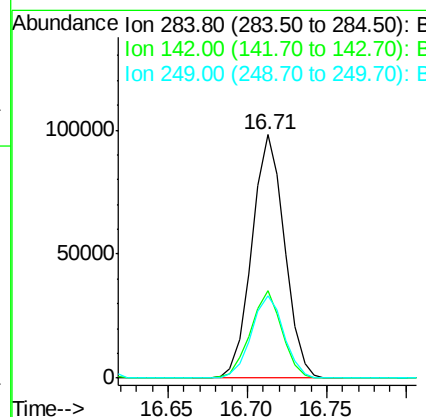
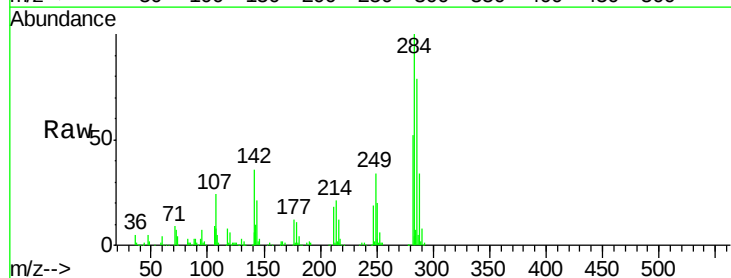
Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

Tgt Ion:248 Resp: 132855
 Ion Ratio Lower Upper
 248 100
 250 95.3 76.4 114.6
 141 72.8 53.8 80.8



#68
 Hexachlorobenzene
 Concen: 36.521 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion:284 Resp: 140223
 Ion Ratio Lower Upper
 284 100
 142 36.0 25.3 37.9
 249 34.0 28.2 42.2





#69

Atrazine

Concen: 38.927 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

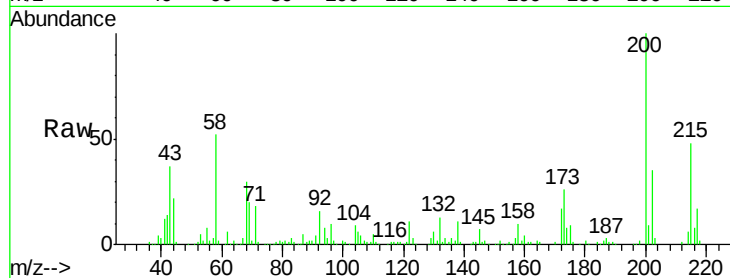
Tgt Ion:200 Resp: 143788

Ion Ratio Lower Upper

200 100

173 25.8 7.1 47.1

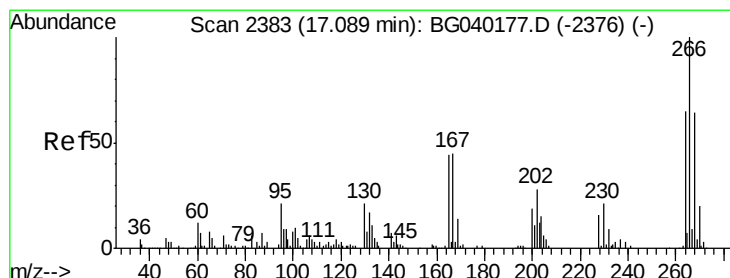
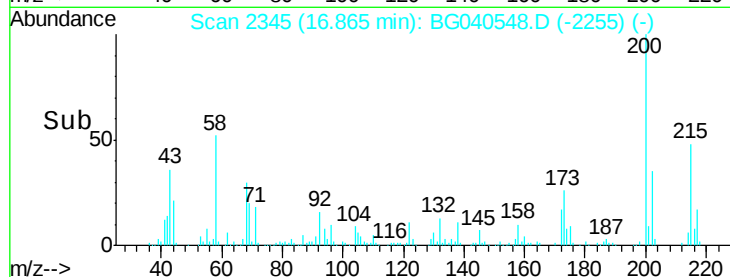
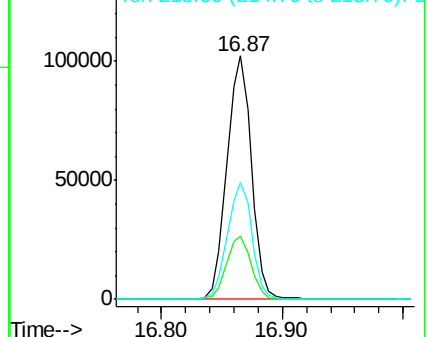
215 48.0 30.9 70.9



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: 54.057 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

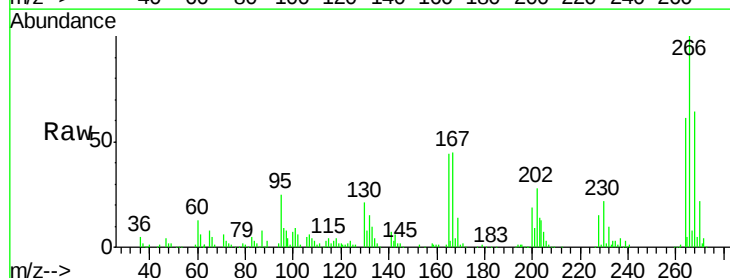
Tgt Ion:266 Resp: 119994

Ion Ratio Lower Upper

266 100

268 69.7 55.0 82.4

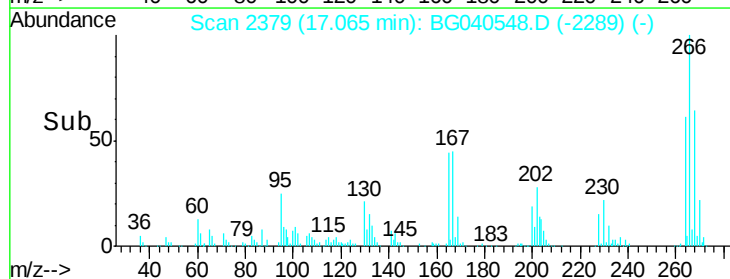
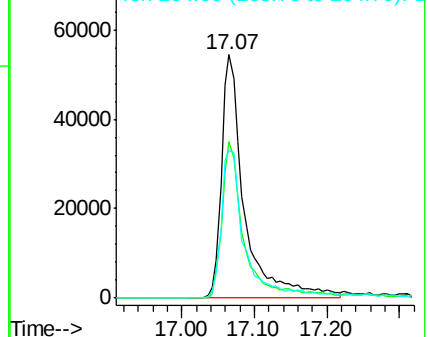
264 60.8 51.8 77.8

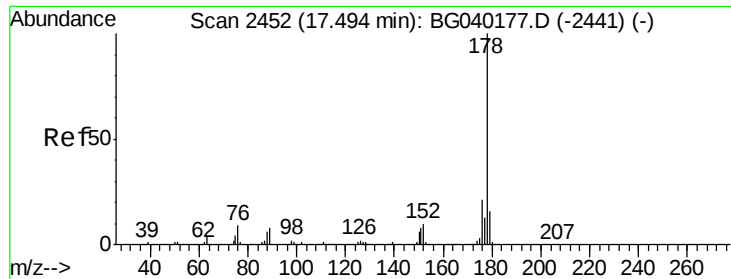


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

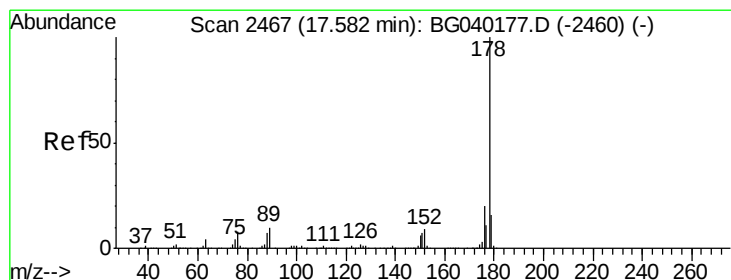
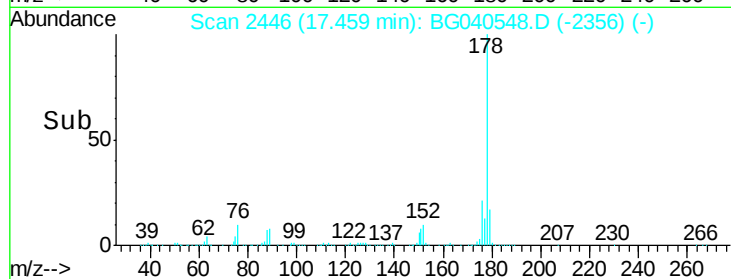
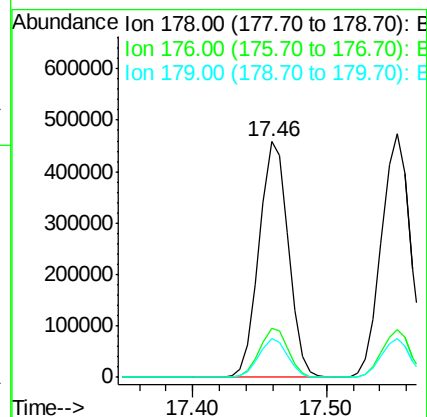
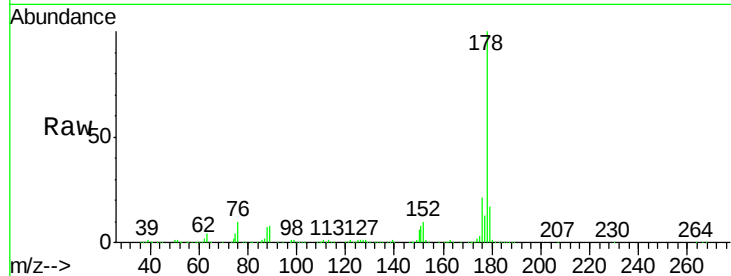




#71
Phenanthrene
Concen: 38.753 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

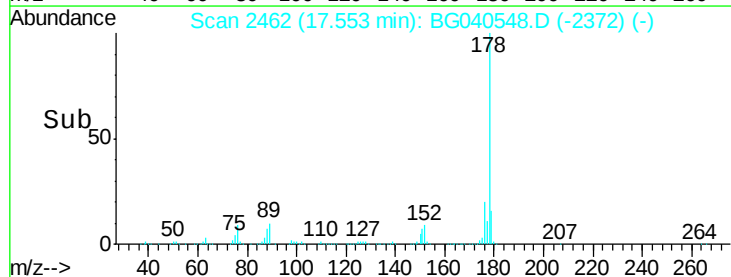
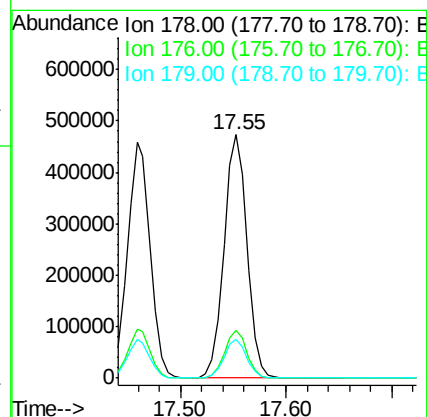
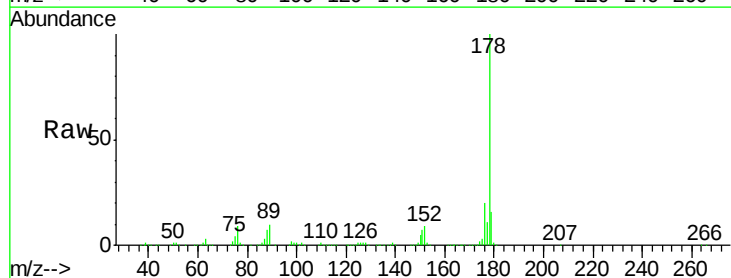
Instrument :
BNA_G
ClientSampleId :
PB118988BS

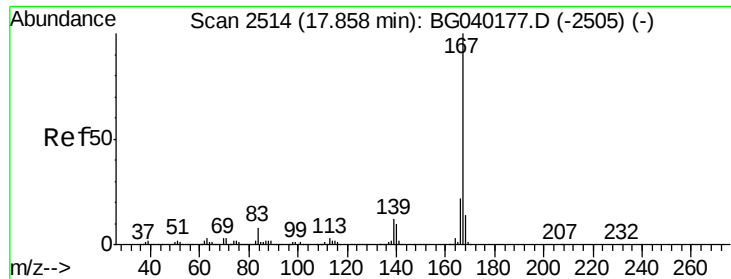
Tgt Ion:178 Resp: 691191
Ion Ratio Lower Upper
178 100
176 20.6 16.7 25.1
179 16.8 12.8 19.2



#72
Anthracene
Concen: 39.993 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.00 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion:178 Resp: 713964
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.0 12.9 19.3

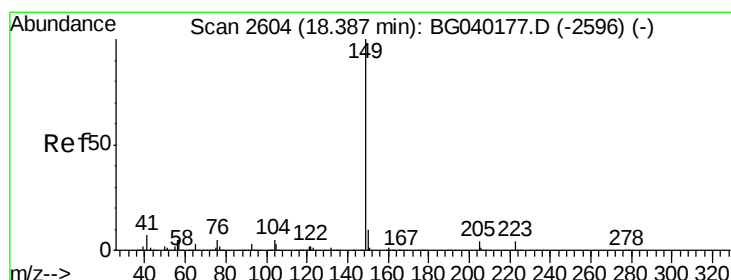
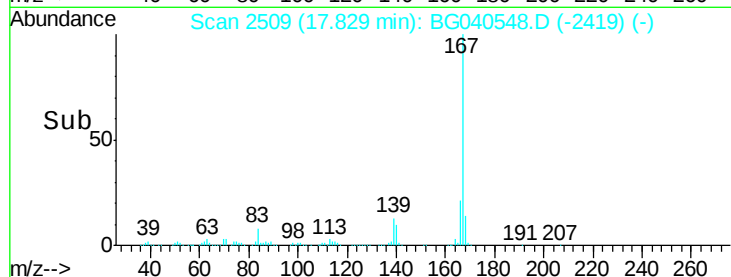
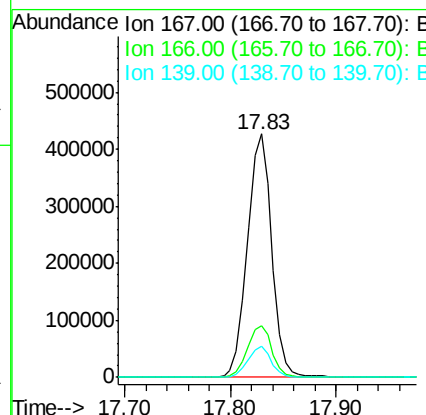
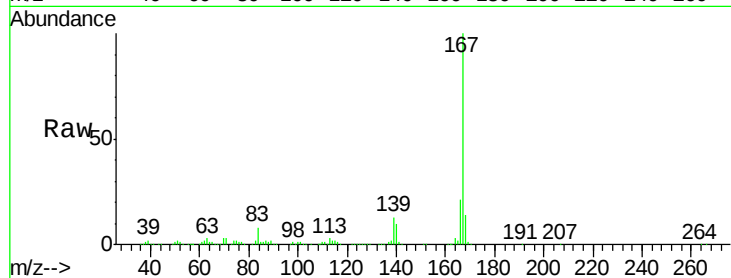




#73
 Carbazole
 Concen: 40.386 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

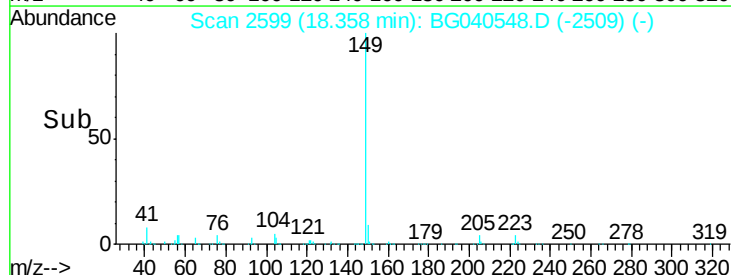
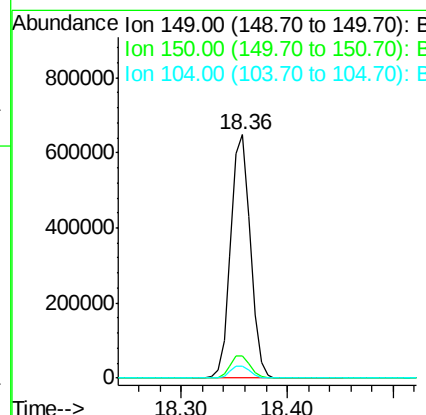
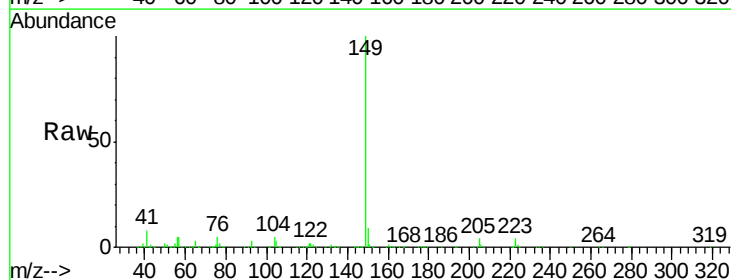
Instrument :
 BNA_G
 ClientSampleId :
 PB118988BS

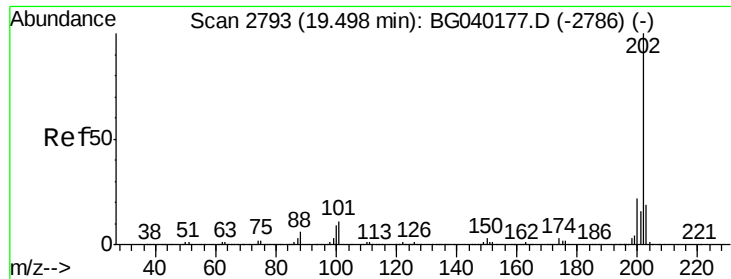
Tgt Ion:167 Resp: 682337
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.5 26.3
 139 12.6 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 41.387 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. -0.00 min
 Lab File: BG040548.D
 Acq: 18 Apr 2019 3:14

Tgt Ion:149 Resp: 828856
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.9 11.9
 104 4.9 4.1 6.1





#75

Fluoranthene

Concen: 41.823 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

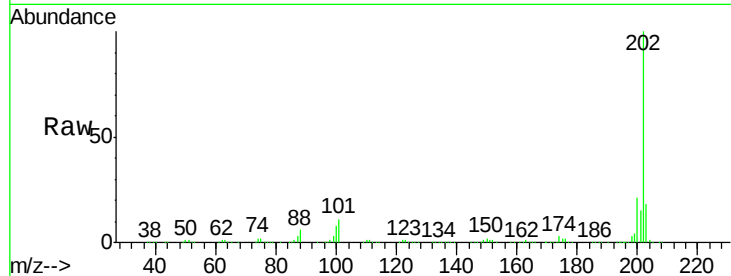
Tgt Ion: 202 Resp: 883306

Ion Ratio Lower Upper

202 100

101 10.9 0.0 30.8

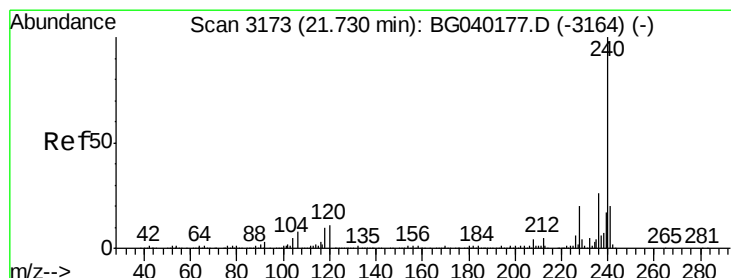
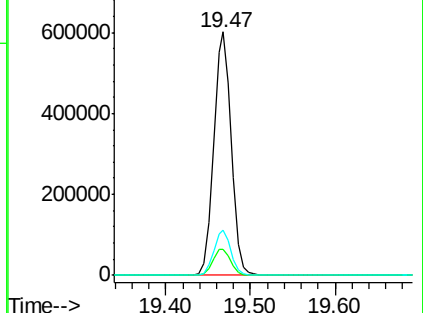
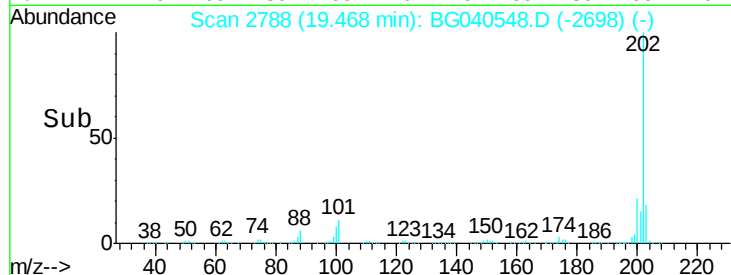
203 18.4 0.0 38.9



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

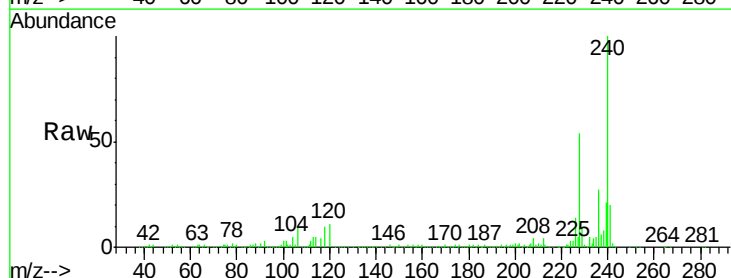
Tgt Ion: 240 Resp: 315146

Ion Ratio Lower Upper

240 100

120 11.5 8.4 12.6

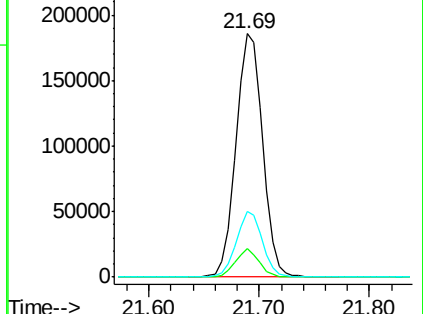
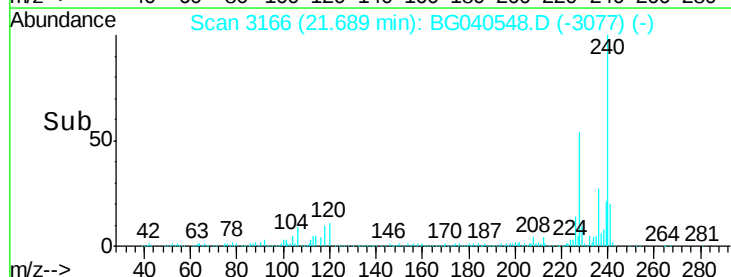
236 26.9 20.8 31.2

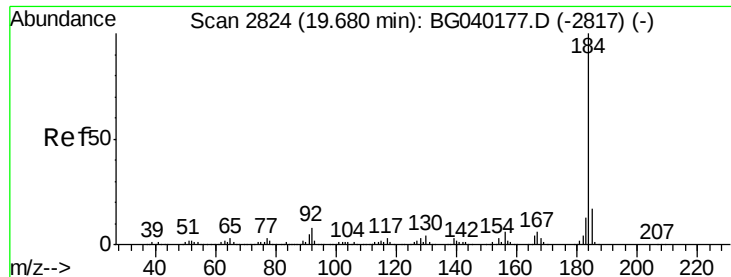


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.024 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

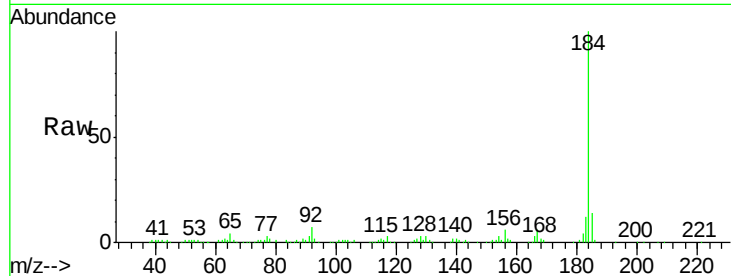
Tgt Ion:184 Resp: 193737

Ion Ratio Lower Upper

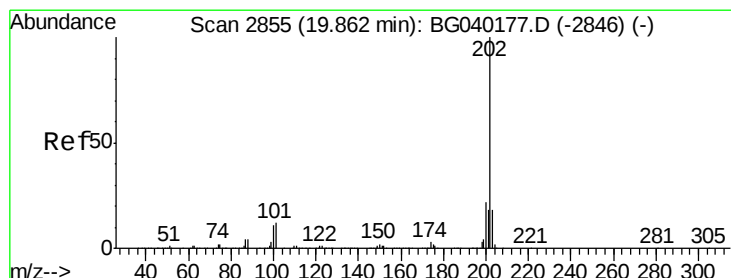
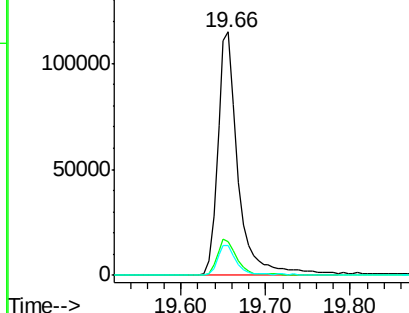
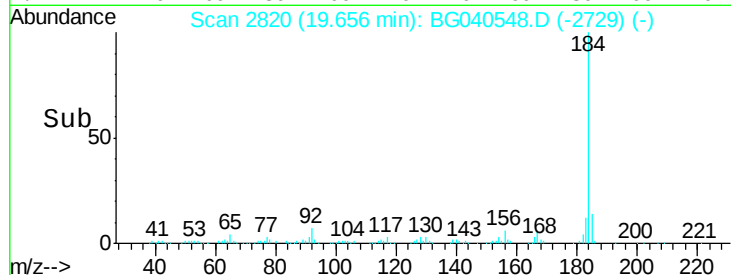
184 100

185 14.0 13.3 19.9

183 12.3 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: 42.410 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

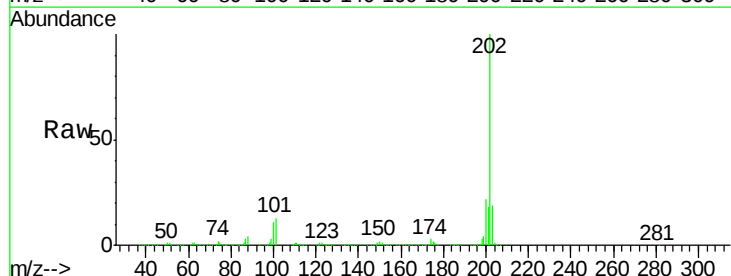
Tgt Ion:202 Resp: 878927

Ion Ratio Lower Upper

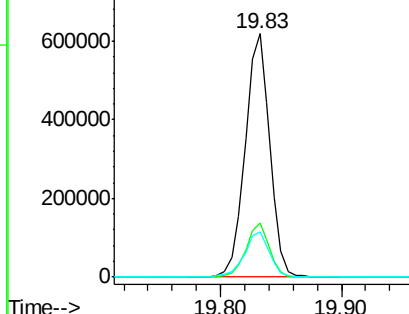
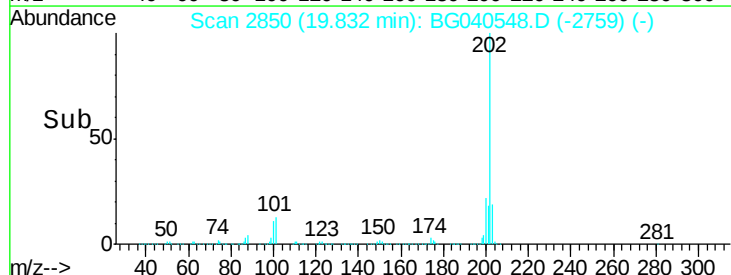
202 100

200 22.0 17.3 25.9

203 18.7 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: 85.184 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

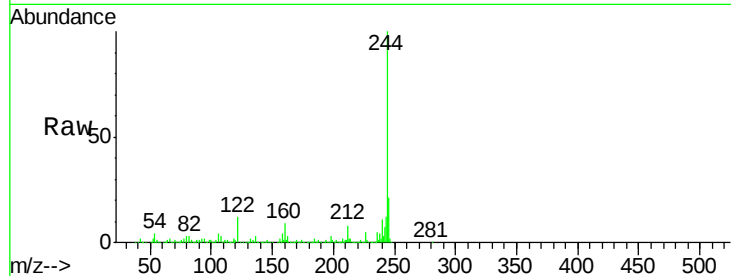
Tgt Ion:244 Resp: 1193312

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

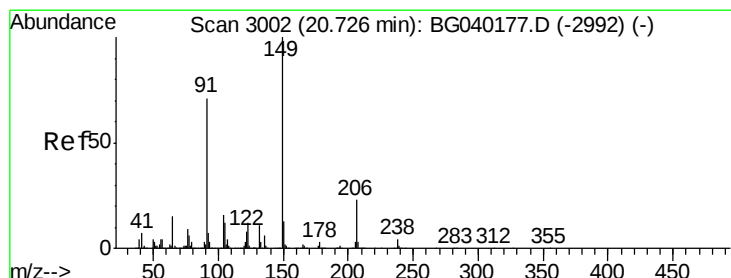
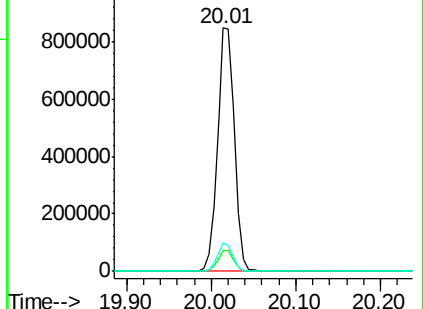
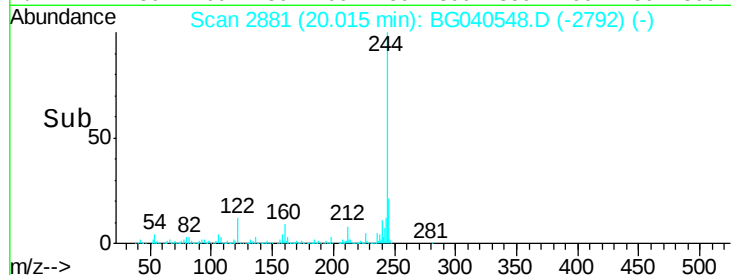
122 11.9 8.5 12.7



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: 45.161 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

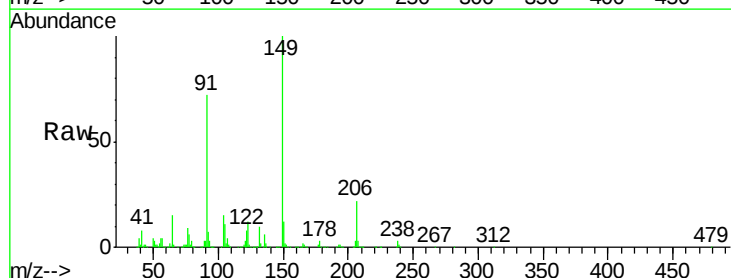
Tgt Ion:149 Resp: 400498

Ion Ratio Lower Upper

149 100

91 71.7 57.0 85.4

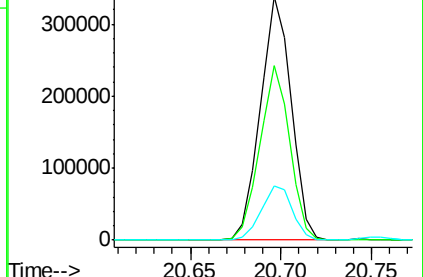
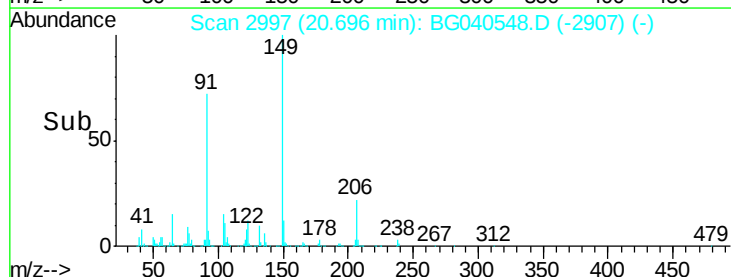
206 22.1 18.2 27.4

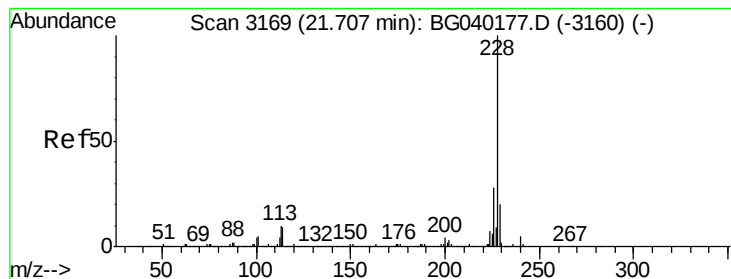


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.992 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

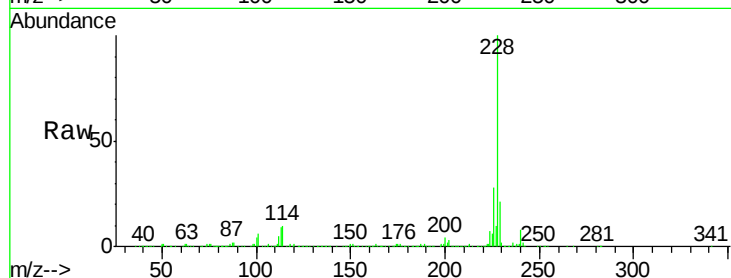
Tgt Ion:228 Resp: 815110

Ion Ratio Lower Upper

228 100

226 27.9 22.6 34.0

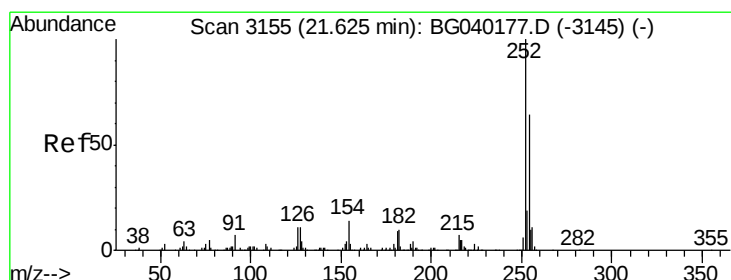
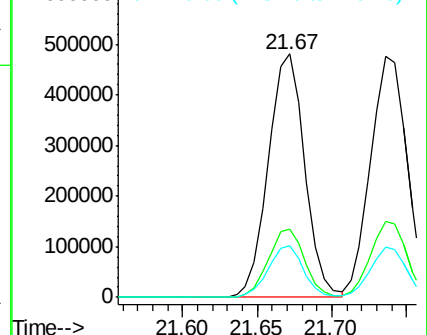
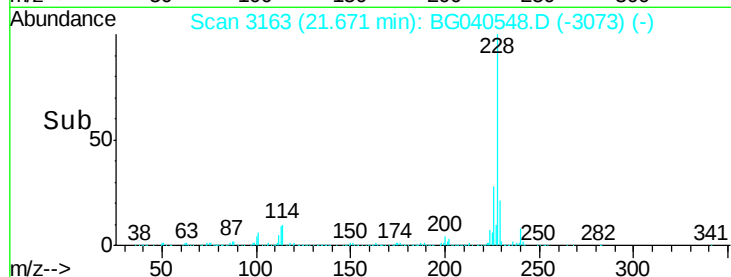
229 21.2 16.1 24.1



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: 19.864 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

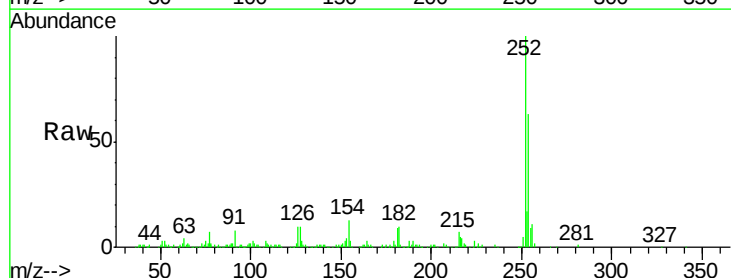
Tgt Ion:252 Resp: 146677

Ion Ratio Lower Upper

252 100

254 62.6 51.4 77.2

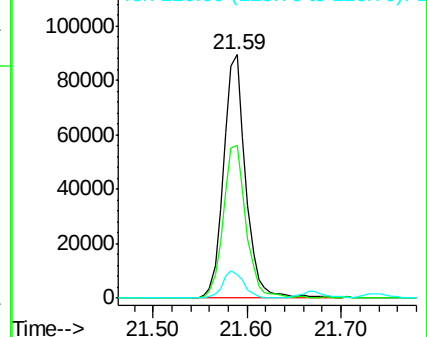
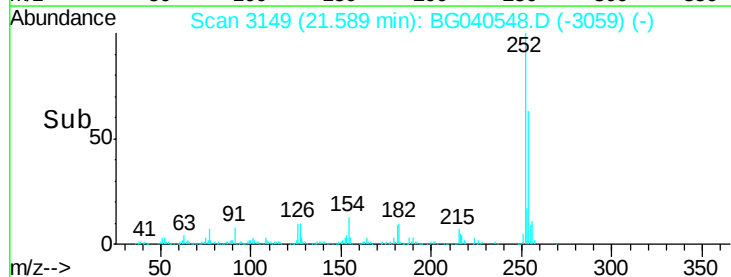
126 9.6 8.5 12.7



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: 42.952 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

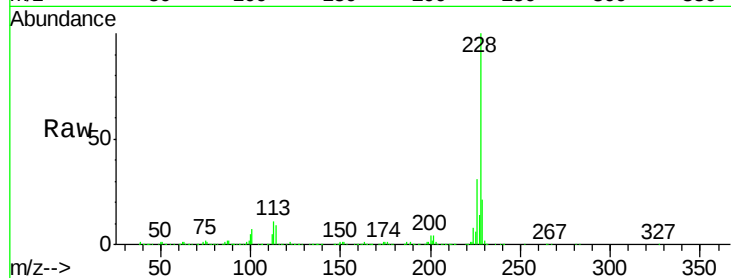
Tgt Ion:228 Resp: 801296

Ion Ratio Lower Upper

228 100

226 31.3 25.4 38.0

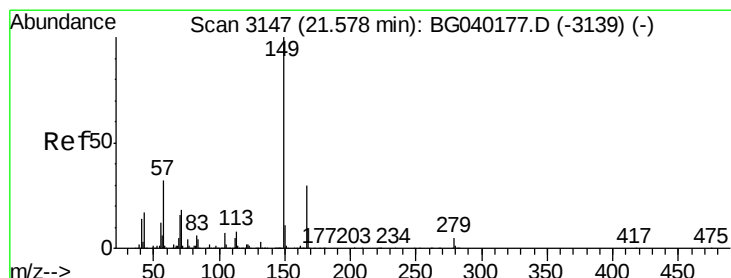
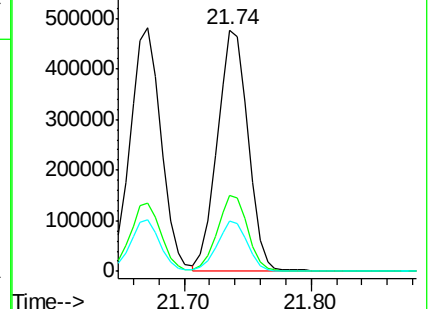
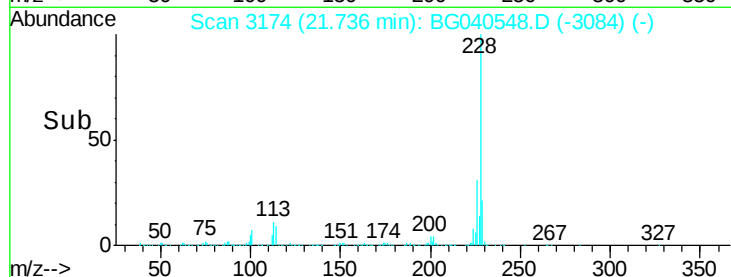
229 21.0 17.0 25.4



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: 44.765 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

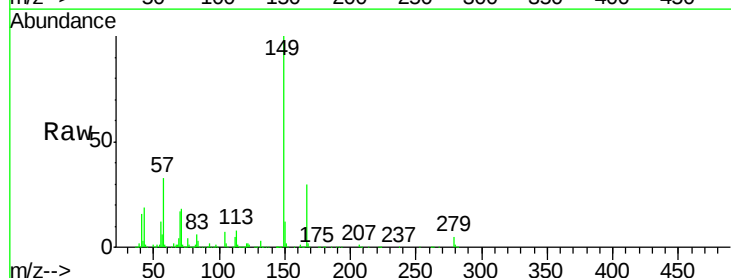
Tgt Ion:149 Resp: 567477

Ion Ratio Lower Upper

149 100

167 29.6 24.1 36.1

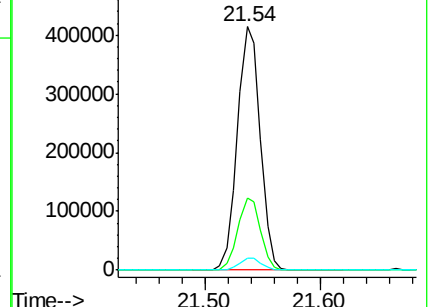
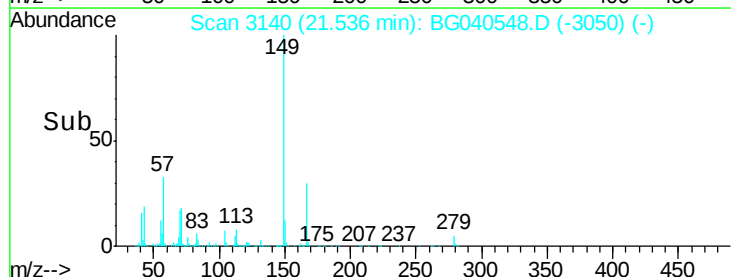
279 4.7 4.1 6.1

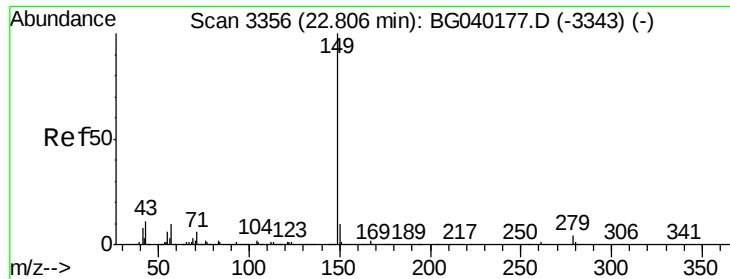


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

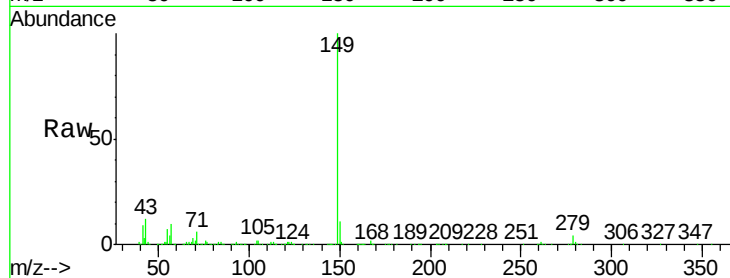




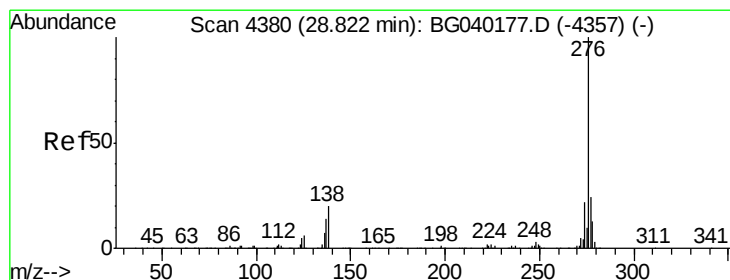
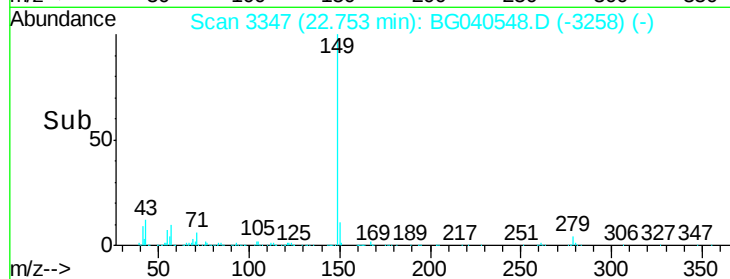
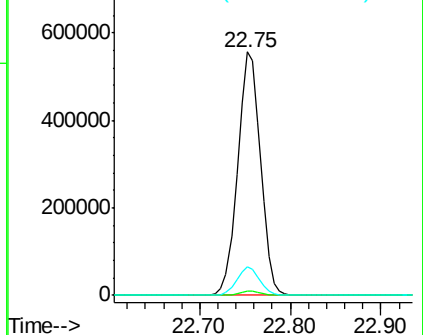
#85
Di-n-octyl phthalate
Concen: 45.187 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Instrument :
BNA_G
ClientSampleId :
PB118988BS

Tgt Ion:149 Resp: 975971
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 11.4 8.7 13.1

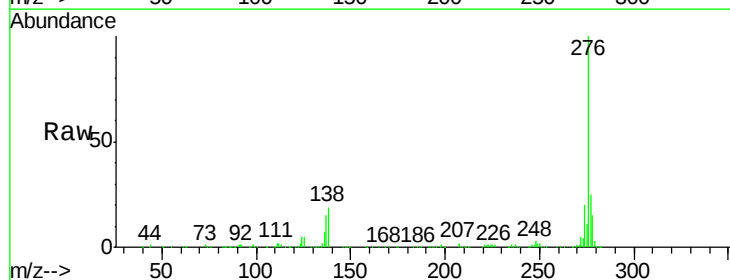


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

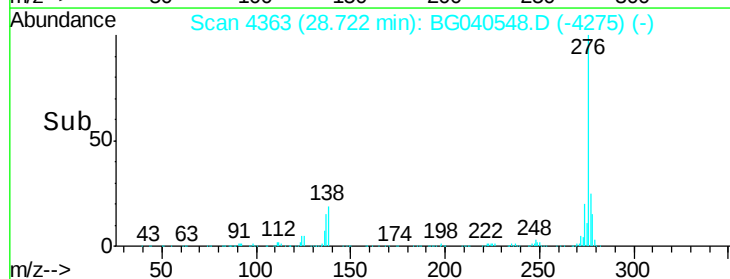
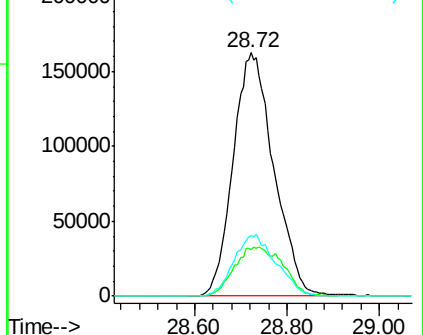


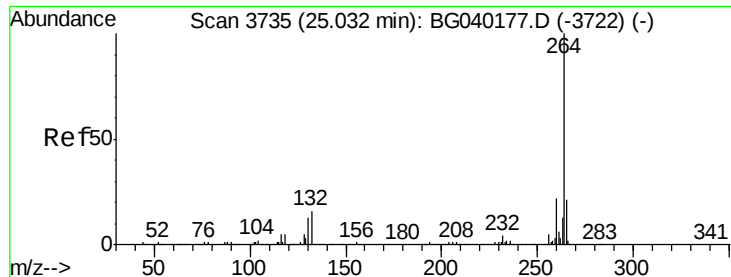
#86
Indeno(1,2,3-cd)pyrene
Concen: 43.555 ng
RT: 28.72 min Scan# 4363
Delta R.T. -0.02 min
Lab File: BG040548.D
Acq: 18 Apr 2019 3:14

Tgt Ion:276 Resp: 993779
Ion Ratio Lower Upper
276 100
138 24.1 18.8 28.2
277 26.1 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

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.01 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

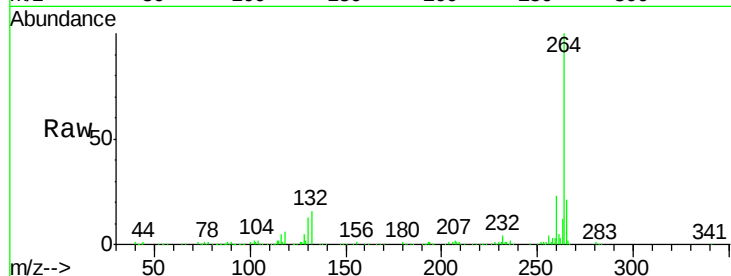
Tgt Ion:264 Resp: 360753

Ion Ratio Lower Upper

264 100

260 23.1 17.9 26.9

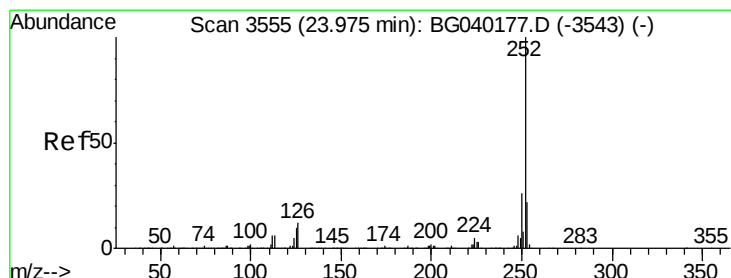
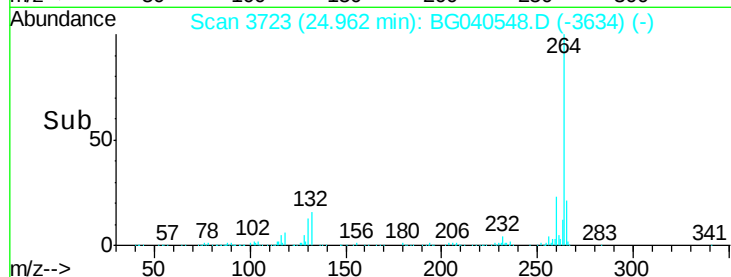
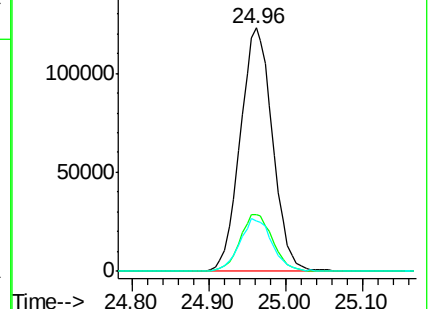
265 20.9 16.8 25.2



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: 39.626 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

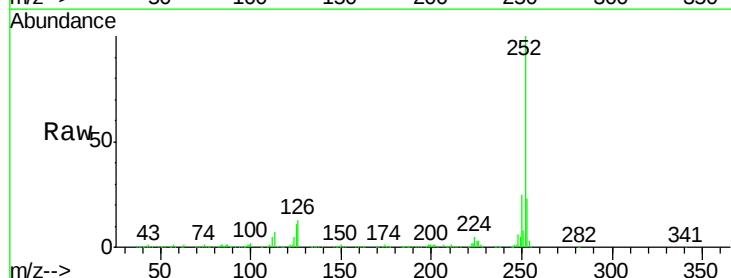
Tgt Ion:252 Resp: 875199

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

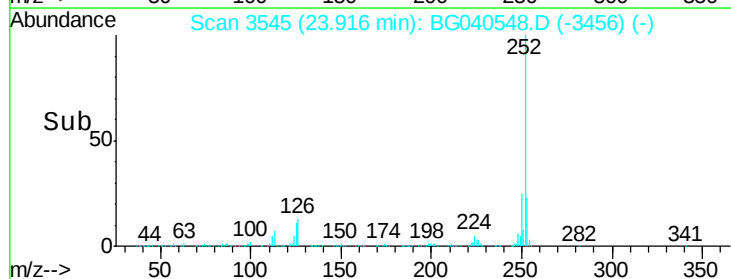
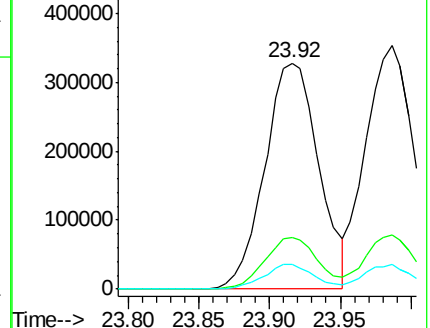
125 11.1 8.2 12.4



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: 41.897 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

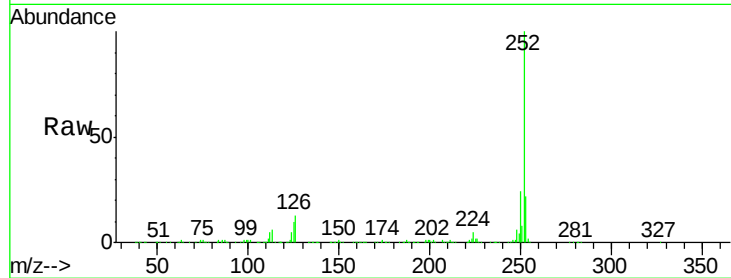
Tgt Ion:252 Resp: 850976

Ion Ratio Lower Upper

252 100

253 22.2 18.6 28.0

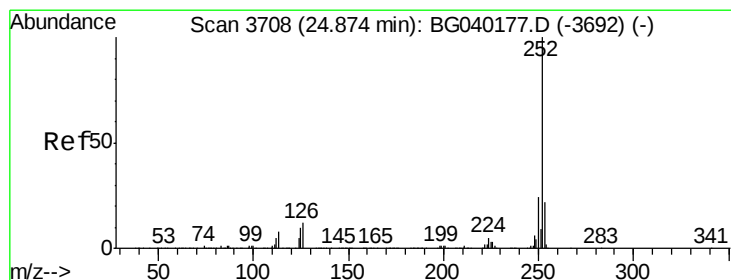
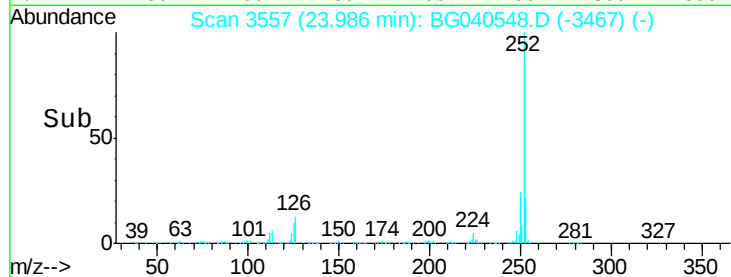
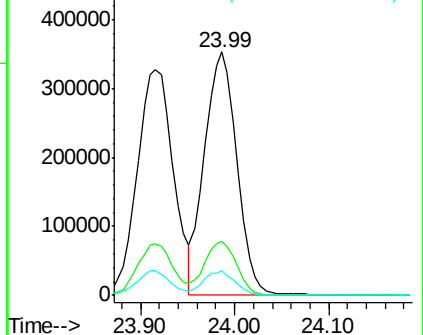
125 10.2 7.3 10.9



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: 41.268 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

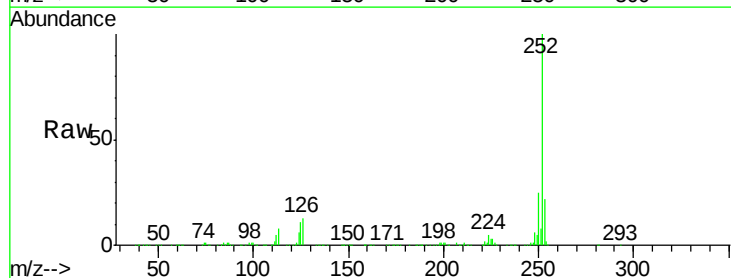
Tgt Ion:252 Resp: 855191

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

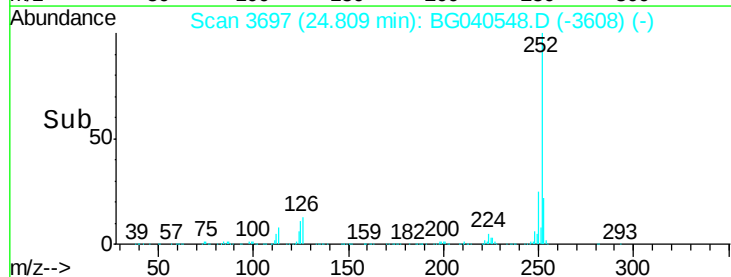
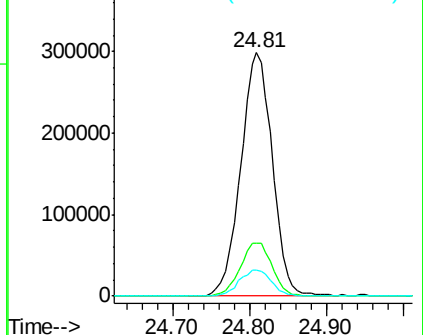
125 10.9 8.3 12.5

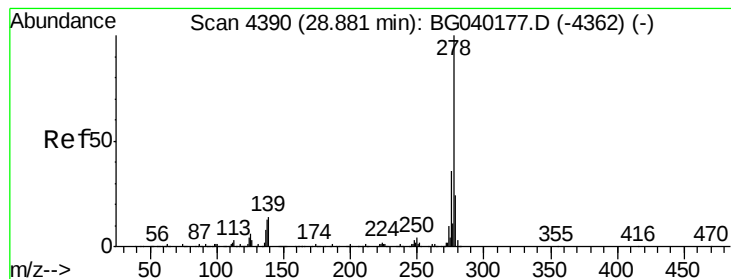


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.906 ng

RT: 28.79 min Scan# 4374

Delta R.T. -0.02 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

Instrument :

BNA_G

ClientSampleId :

PB118988BS

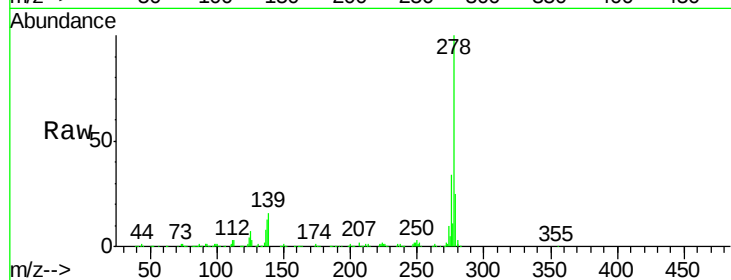
Tgt Ion: 278 Resp: 806559

Ion Ratio Lower Upper

278 100

139 15.5 11.2 16.8

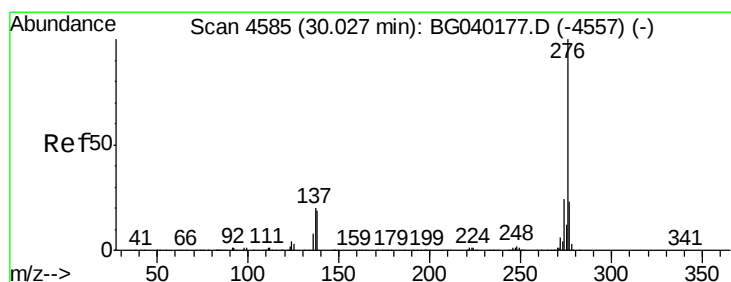
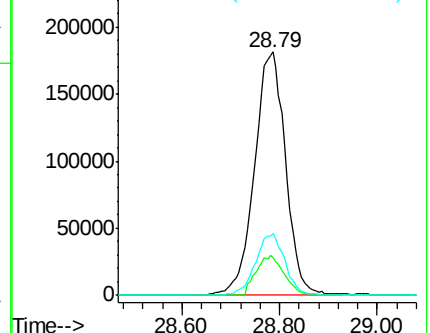
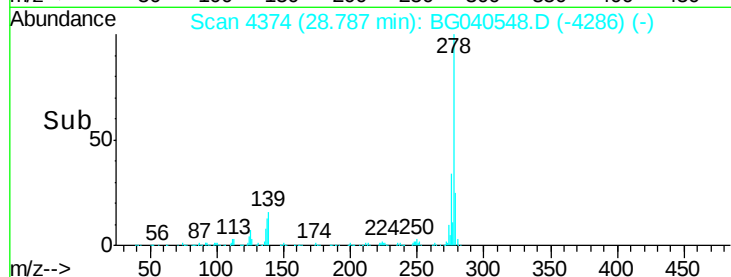
279 25.4 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.549 ng

RT: 29.91 min Scan# 4565

Delta R.T. 0.00 min

Lab File: BG040548.D

Acq: 18 Apr 2019 3:14

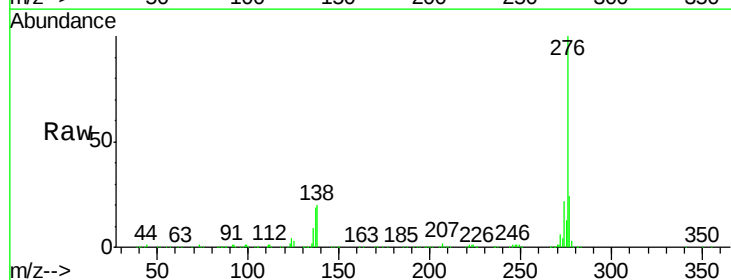
Tgt Ion: 276 Resp: 821843

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 20.1 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

