

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
 Data File : BG040118.D
 Acq On : 25 Mar 2019 15:32
 Operator : JU/SJ
 Sample : PB118232BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BSD

Quant Time: Mar 26 02:51:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	34431	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	148332	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	105500	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	273770	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	273101	20.00	ng	-0.03
87) Perylene-d12	25.16	264	279849	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	246250	122.01	ng	-0.02
7) Phenol-d6	7.29	99	352187	117.03	ng	-0.02
23) Nitrobenzene-d5	9.32	82	202678	73.90	ng	-0.03
42) 2,4,6-Tribromophenol	16.26	330	150283	122.21	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	522050	70.46	ng	-0.03
79) Terphenyl-d14	20.10	244	911451	73.48	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.57	88	27960	30.008	ng	94
3) Pyridine	3.98	79	72695	29.142	ng	97
4) n-Nitrosodimethylamine	3.90	42	37986	32.100	ng	# 79
6) Aniline	7.47	93	55466	14.068	ng	99
8) 2-Chlorophenol	7.70	128	86917	35.498	ng	96
9) Benzaldehyde	7.28	77	20717	10.672	ng	96
10) Phenol	7.31	94	119475	36.649	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	82822	32.585	ng	95
12) 1,3-Dichlorobenzene	8.03	146	90704	32.755	ng	99
13) 1,4-Dichlorobenzene	8.18	146	92057	32.637	ng	98
14) 1,2-Dichlorobenzene	8.50	146	89171	32.720	ng	97
15) Benzyl Alcohol	8.38	79	80297	33.638	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	151401	29.783	ng	97
17) 2-Methylphenol	8.57	107	76556	36.829	ng	98
18) Hexachloroethane	9.22	117	32428	32.041	ng	98
19) n-Nitroso-di-n-propylamine	8.94	70	66343	30.629	ng	92
20) 3+4-Methylphenols	8.90	107	104031	36.024	ng	97
22) Acetophenone	8.97	105	128008	32.153	ng	# 94
24) Nitrobenzene	9.36	77	99564	34.604	ng	98
25) Isophorone	9.87	82	190296	33.114	ng	98
26) 2-Nitrophenol	10.07	139	49899	35.920	ng	96
27) 2,4-Dimethylphenol	10.11	122	90259	41.776	ng	97
28) bis(2-Chloroethoxy)methane	10.35	93	117712	33.707	ng	95
29) 2,4-Dichlorophenol	10.60	162	95212	39.141	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	94473	34.514	ng	99
31) Naphthalene	11.01	128	269718	34.343	ng	99
32) Benzoic acid	10.25	122	44819	32.658	ng	94
33) 4-Chloroaniline	11.13	127	37115	11.145	ng	98
34) Hexachlorobutadiene	11.27	225	63212	33.795	ng	92
35) Caprolactam	11.90	113	33256	35.789	ng	# 83
36) 4-Chloro-3-methylphenol	12.23	107	106799	38.300	ng	98
37) 2-Methylnaphthalene	12.61	142	209278	35.643	ng	99
38) 1-Methylnaphthalene	12.82	142	198539	34.795	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	117072	32.756	ng	99

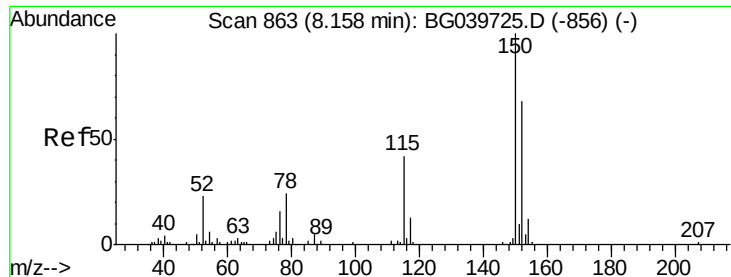
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	152899	79.828	ng	100
43) 2,4,6-Trichlorophenol	13.20	196	81104	38.760	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	91126	38.636	ng	97
46) 1,1'-Biphenyl	13.60	154	284875	32.830	ng	99
47) 2-Chloronaphthalene	13.65	162	223058	34.170	ng	98
48) 2-Nitroaniline	13.86	65	76479	36.456	ng	91
49) Acenaphthylene	14.49	152	362960	33.871	ng	99
50) Dimethylphthalate	14.21	163	307733	34.883	ng	99
51) 2,6-Dinitrotoluene	14.35	165	68246	36.492	ng	96
52) Acenaphthene	14.83	154	219550	34.040	ng	98
53) 3-Nitroaniline	14.68	138	29716	15.807	ng #	98
54) 2,4-Dinitrophenol	14.89	184	70511	61.114	ng	95
55) Dibenzofuran	15.16	168	370714	35.032	ng	98
56) 4-Nitrophenol	14.98	139	116705	69.396	ng #	85
57) 2,4-Dinitrotoluene	15.13	165	101334	38.562	ng	88
58) Fluorene	15.81	166	293453	35.275	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	90286	39.196	ng	98
60) Diethylphthalate	15.56	149	316008	36.186	ng	100
61) 4-Chlorophenyl-phenylether	15.80	204	156522	35.259	ng	95
62) 4-Nitroaniline	15.84	138	72239	35.445	ng	89
63) Azobenzene	16.09	77	280971	35.493	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	57516	35.532	ng	95
66) n-Nitrosodiphenylamine	16.01	169	278025	35.079	ng	97
67) 4-Bromophenyl-phenylether	16.69	248	103669	33.830	ng	96
68) Hexachlorobenzene	16.81	284	109806	34.569	ng	95
69) Atrazine	16.95	200	114473	36.699	ng	96
70) Pentachlorophenol	17.15	266	132804	66.200	ng	99
71) Phenanthrene	17.55	178	517497	34.318	ng	99
72) Anthracene	17.65	178	528213	35.945	ng	99
73) Carbazole	17.92	167	463398	34.980	ng	99
74) Di-n-butylphthalate	18.45	149	568640	36.482	ng	100
75) Fluoranthene	19.56	202	629402	35.317	ng	98
77) Benzdine	19.74	184	127829	14.750	ng	97
78) Pyrene	19.92	202	631660	35.594	ng	99
80) Butylbenzylphthalate	20.78	149	251401	36.565	ng	92
81) Benzo(a)anthracene	21.78	228	588955	34.410	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	106690	17.073	ng	96
83) Chrysene	21.85	228	565195	34.061	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	350083	36.235	ng	100
85) Di-n-octyl phthalate	22.89	149	595840	37.246	ng #	94
86) Indeno(1,2,3-cd)pyrene	29.01	276	657357	34.920	ng #	93
88) Benzo(b)fluoranthene	24.08	252	585787	35.102	ng	97
89) Benzo(k)fluoranthene	24.15	252	573311	36.907	ng	99
90) Benzo(a)pyrene	25.00	252	569202	36.912	ng	99
91) Dibenzo(a,h)anthracene	29.08	278	536369	35.480	ng	98
92) Benzo(g,h,i)perylene	30.23	276	542475	35.729	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.03 min

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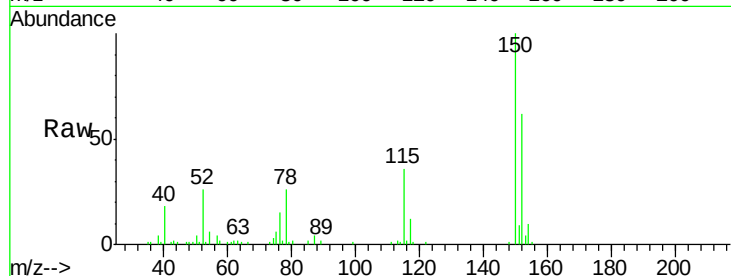
Tgt Ion:152 Resp: 34431

Ion Ratio Lower Upper

152 100

150 162.0 123.7 185.5

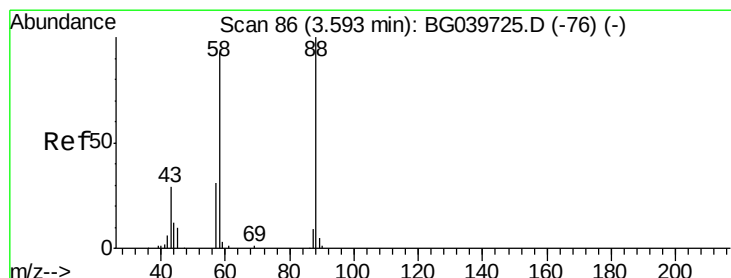
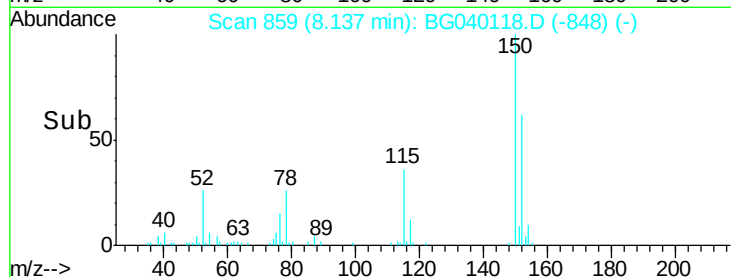
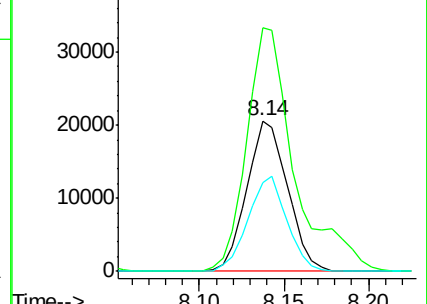
115 58.8 45.9 68.9



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: 30.008 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

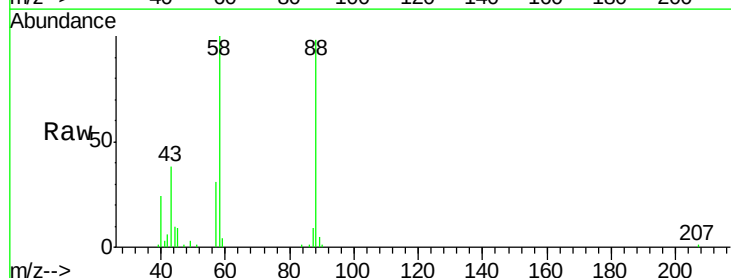
Tgt Ion: 88 Resp: 27960

Ion Ratio Lower Upper

88 100

58 96.9 81.1 121.7

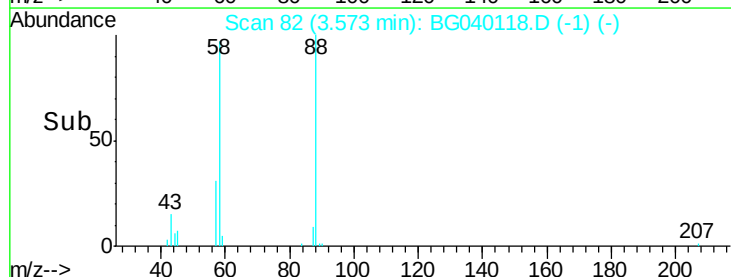
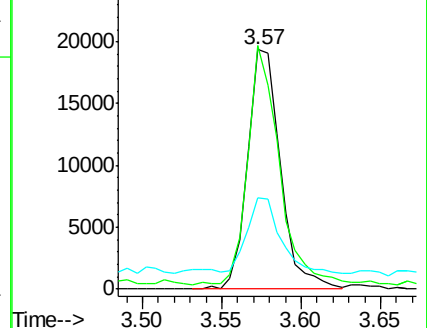
43 32.4 31.4 47.0

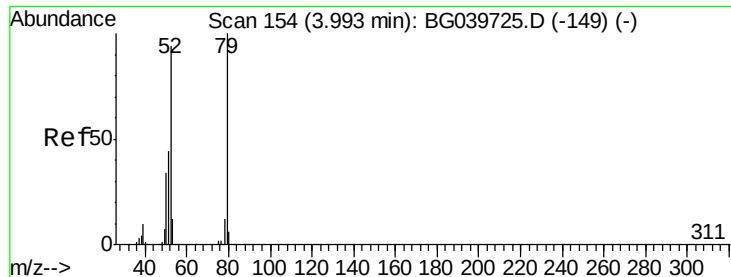


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 29.142 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

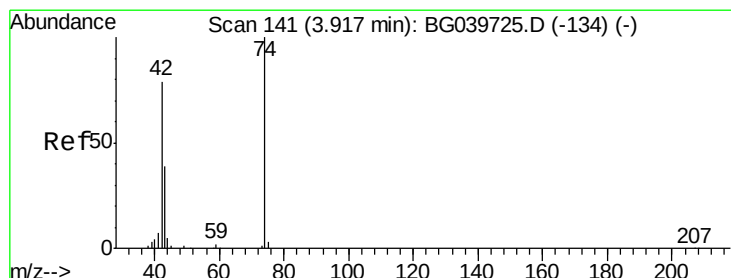
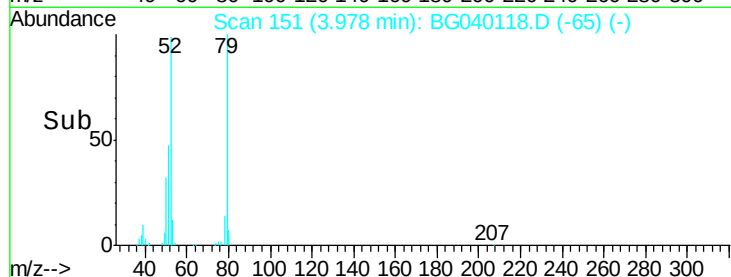
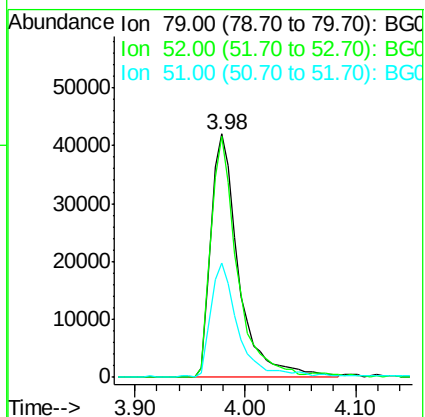
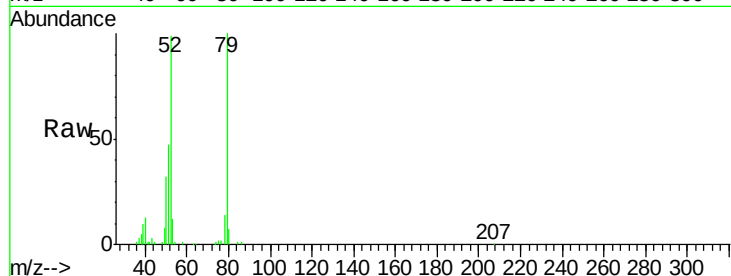
Tgt Ion: 79 Resp: 72695

Ion Ratio Lower Upper

79 100

52 99.2 82.6 124.0

51 47.1 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 32.100 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

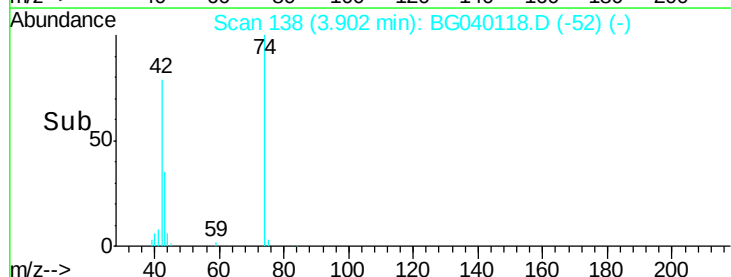
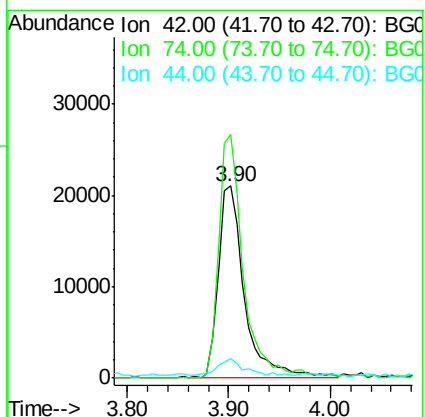
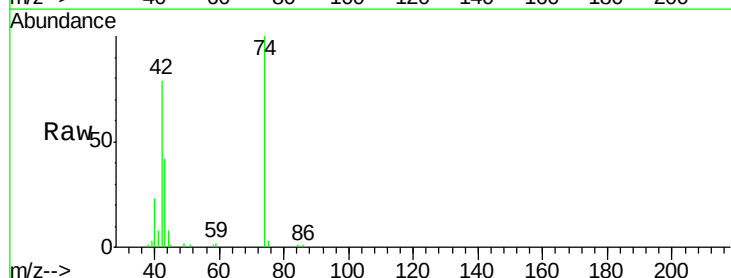
Tgt Ion: 42 Resp: 37986

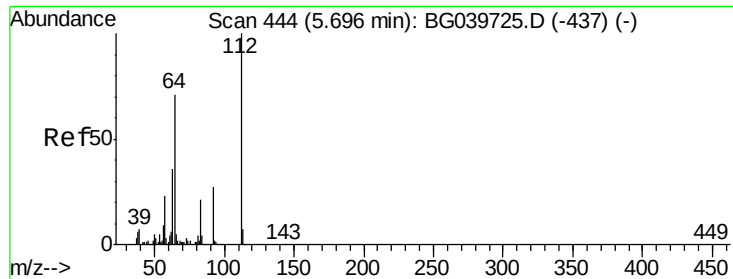
Ion Ratio Lower Upper

42 100

74 126.9 83.6 125.4#

44 10.4 6.9 10.3#





#5

2-Fluorophenol

Concen: 122.014 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

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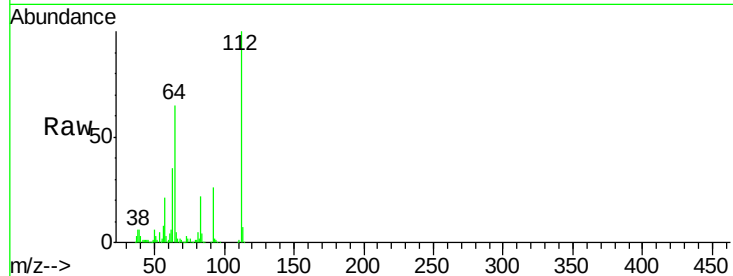
Tgt Ion: 112 Resp: 246250

Ion Ratio Lower Upper

112 100

64 65.5 57.8 86.8

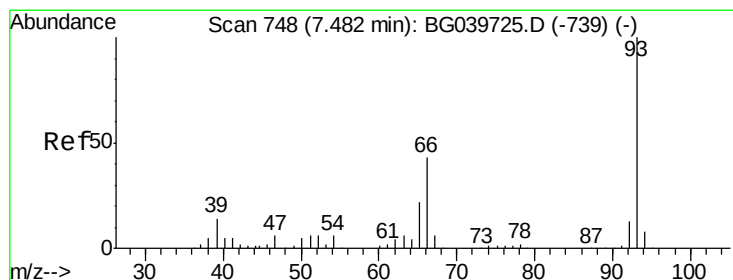
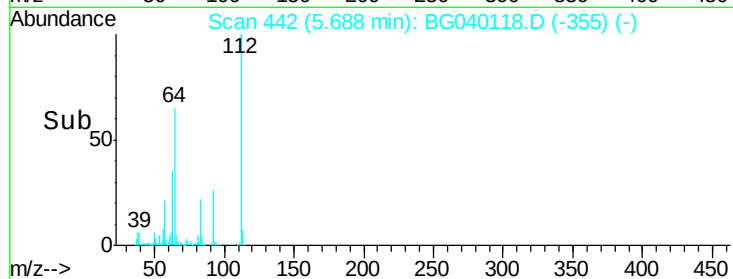
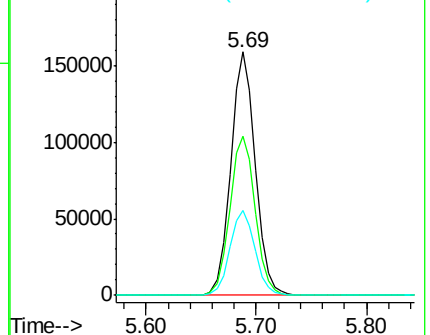
63 35.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 14.068 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

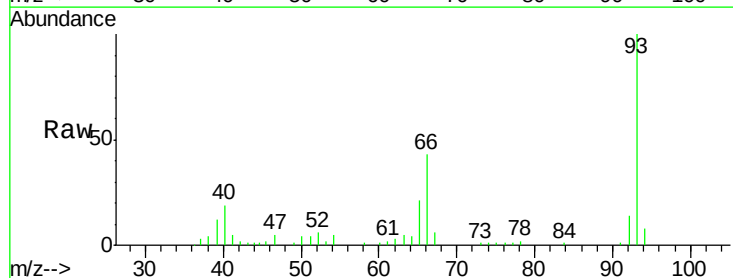
Tgt Ion: 93 Resp: 55466

Ion Ratio Lower Upper

93 100

66 42.5 34.2 51.4

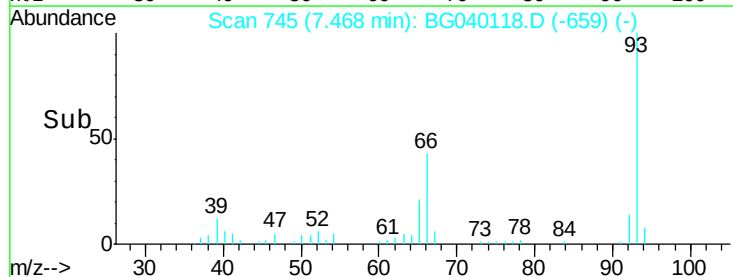
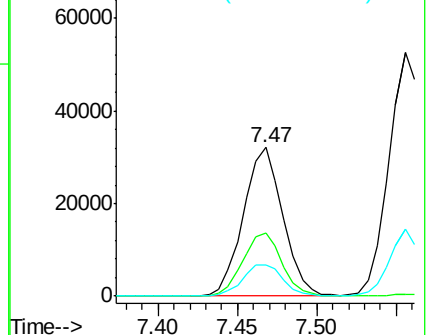
65 20.8 17.7 26.5

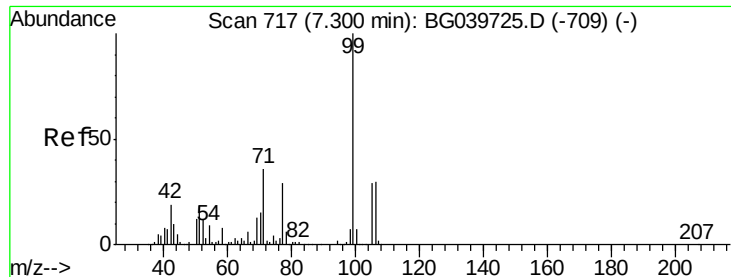


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 117.034 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040118.D

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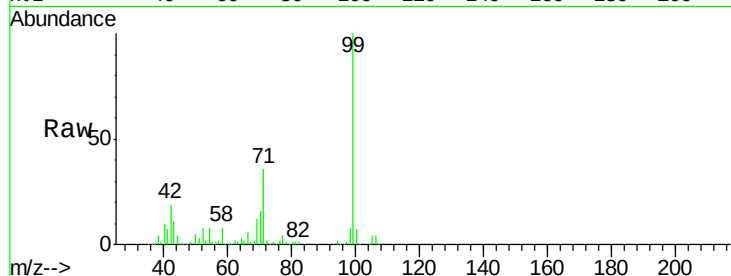
Tgt Ion: 99 Resp: 352187

Ion Ratio Lower Upper

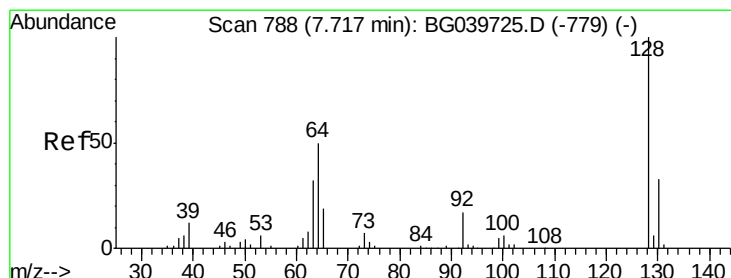
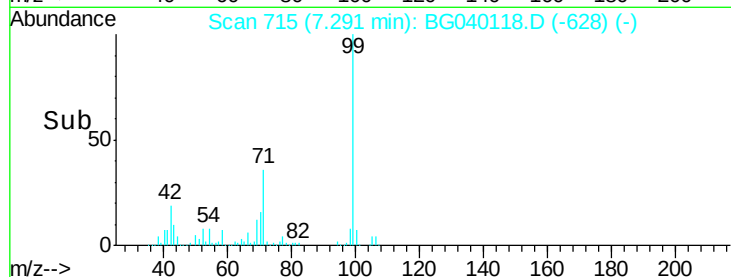
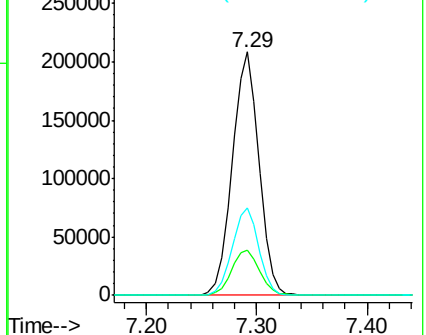
99 100

42 18.7 18.2 27.2

71 35.8 28.0 42.0



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: 35.498 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

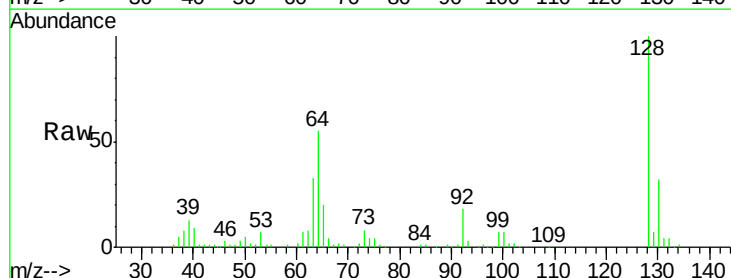
Tgt Ion: 128 Resp: 86917

Ion Ratio Lower Upper

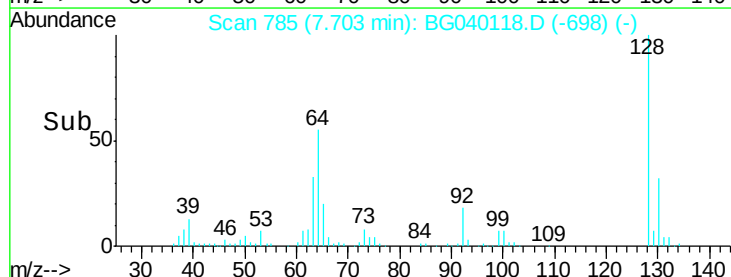
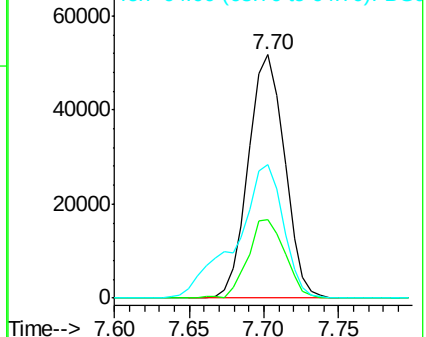
128 100

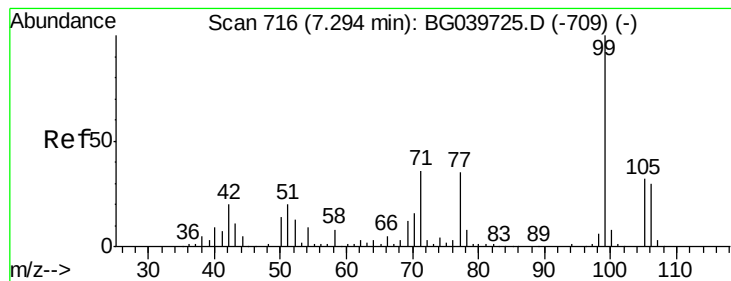
130 32.5 12.9 52.9

64 54.7 38.7 78.7



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





#9

Benzaldehyde

Concen: 10.672 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.03 min

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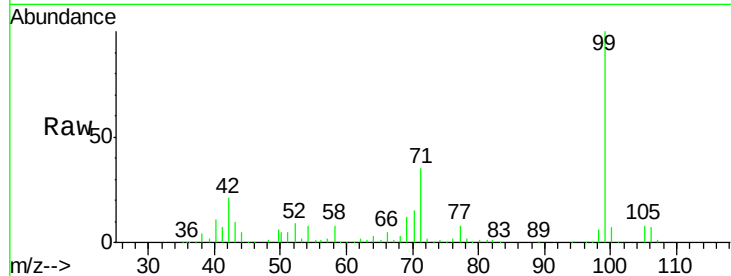
Tgt Ion: 77 Resp: 20717

Ion Ratio Lower Upper

77 100

105 89.7 74.5 114.5

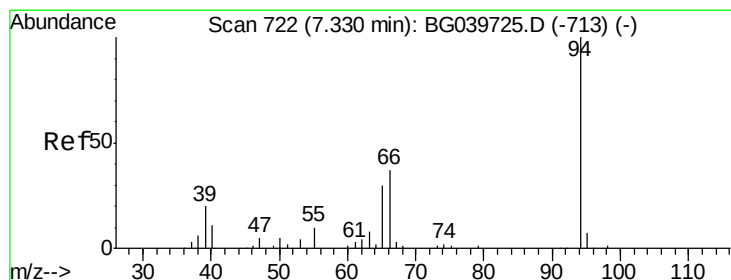
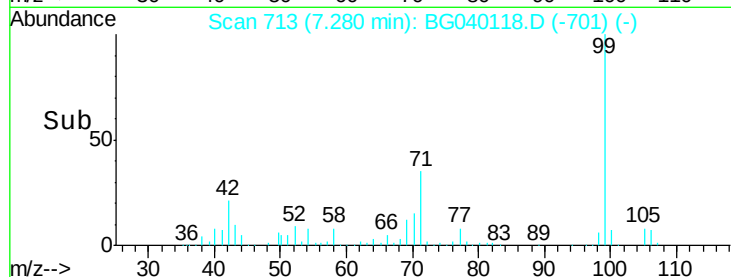
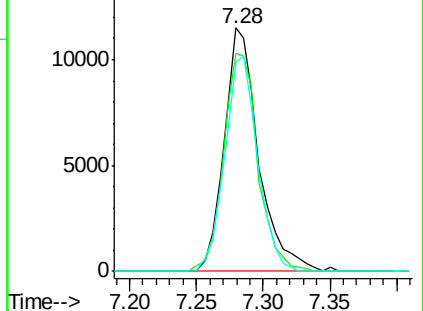
106 85.9 68.0 108.0



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: 36.649 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

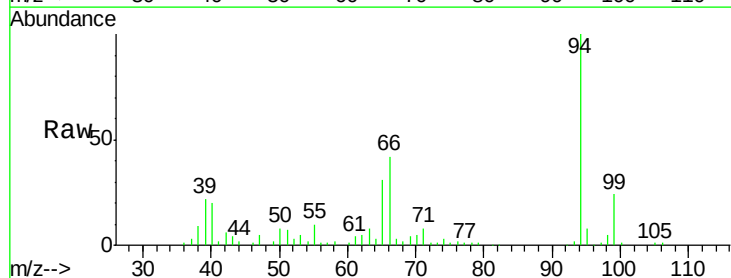
Tgt Ion: 94 Resp: 119475

Ion Ratio Lower Upper

94 100

65 30.7 11.7 51.7

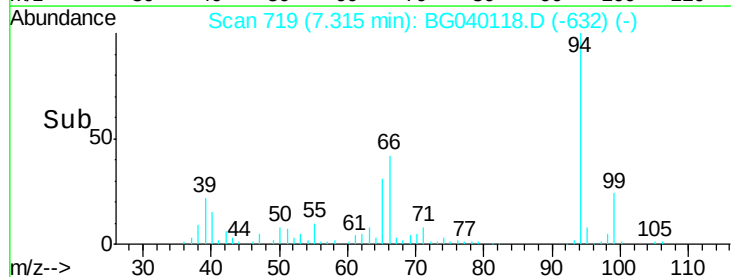
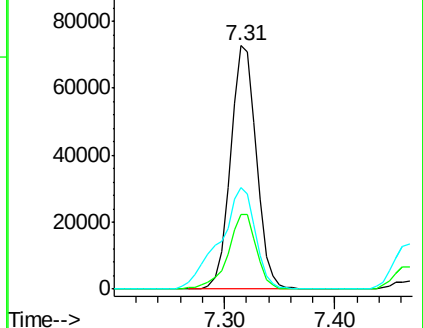
66 41.9 23.7 63.7

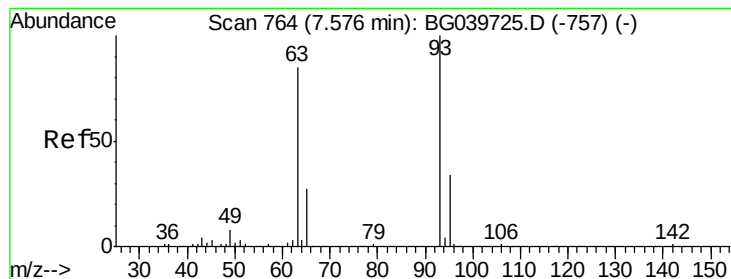


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 32.585 ng

RT: 7.56 min Scan# 760

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

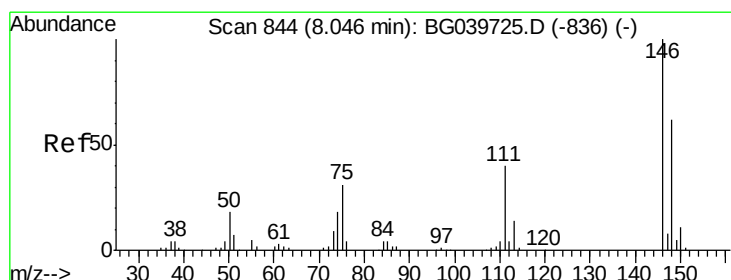
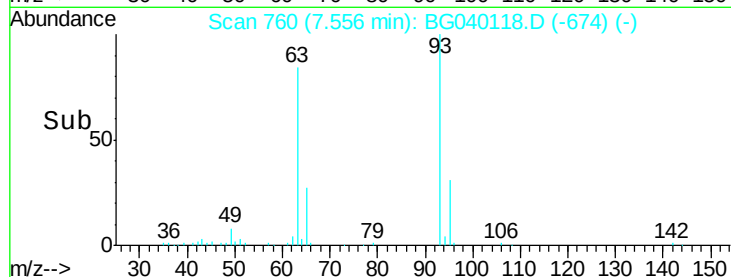
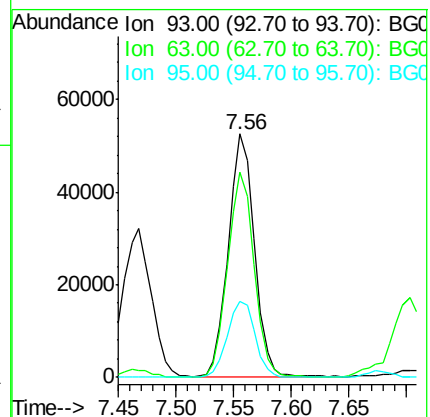
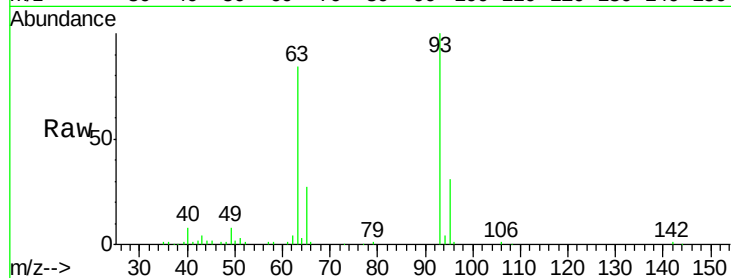
Tgt Ion: 93 Resp: 82822

Ion Ratio Lower Upper

93 100

63 84.1 69.5 109.5

95 31.4 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 32.755 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

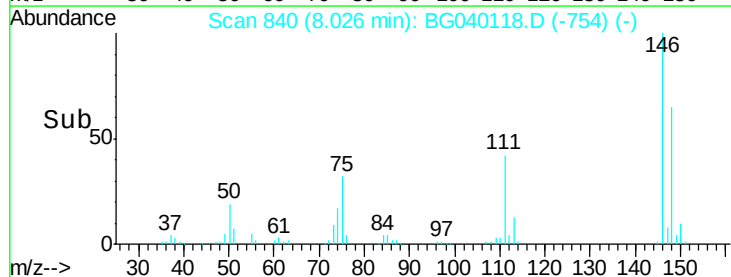
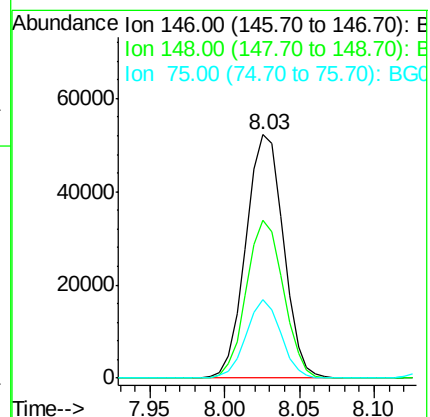
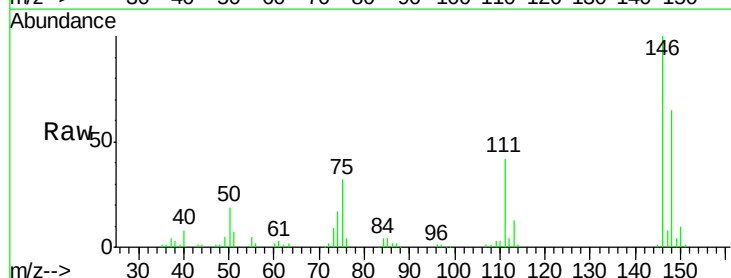
Tgt Ion: 146 Resp: 90704

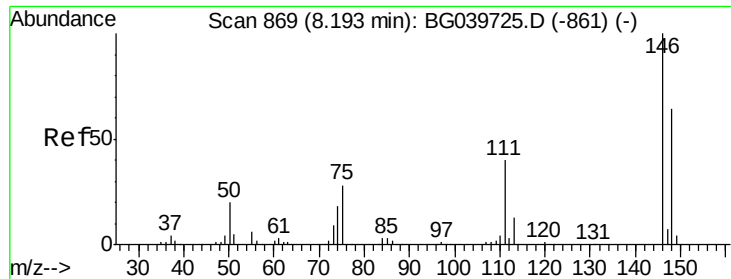
Ion Ratio Lower Upper

146 100

148 64.7 52.6 79.0

75 32.3 25.8 38.6

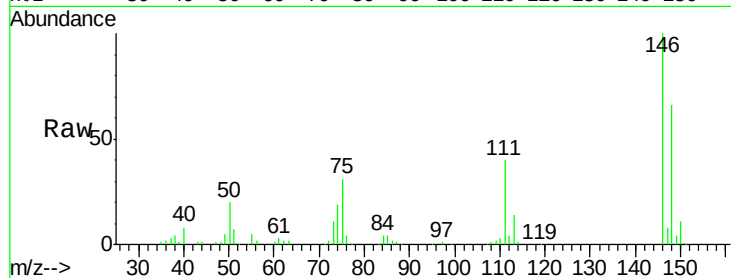




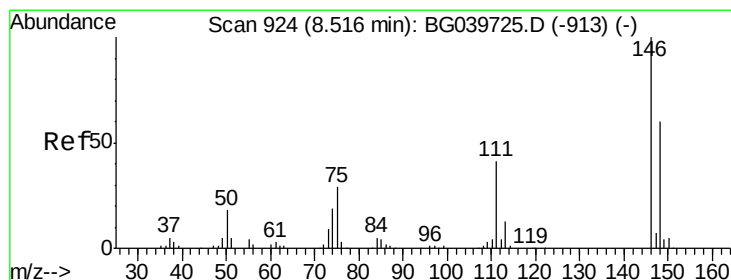
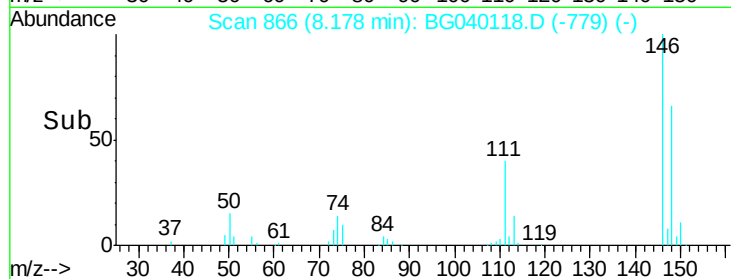
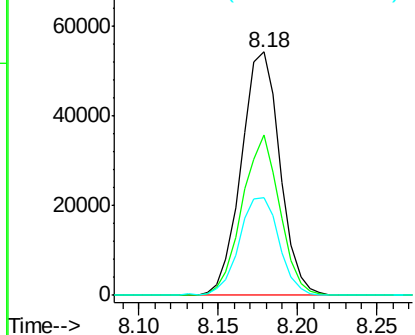
#13
 1,4-Dichlorobenzene
 Concen: 32.637 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BSD

Tgt Ion:146 Resp: 92057
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.1 76.7
 111 40.1 32.6 48.8

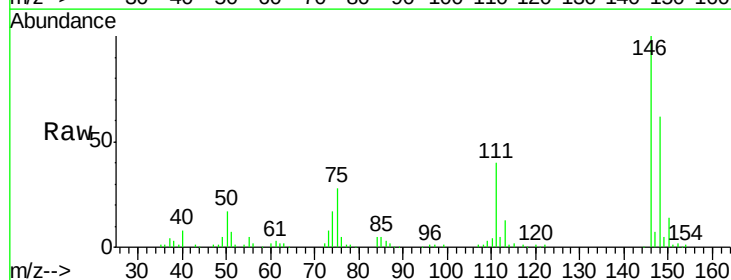


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

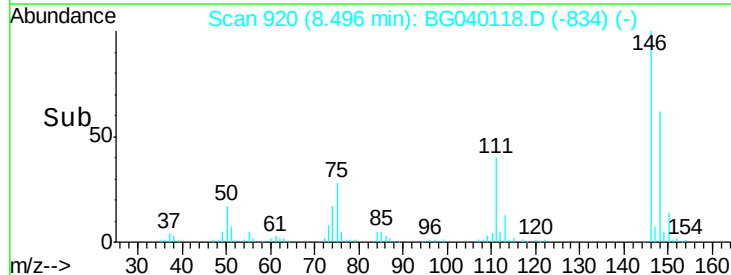
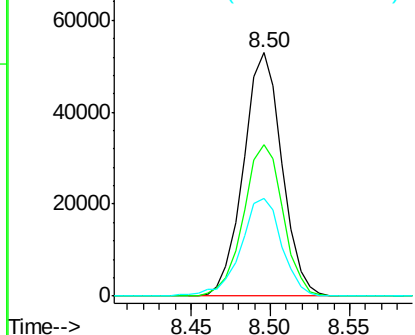


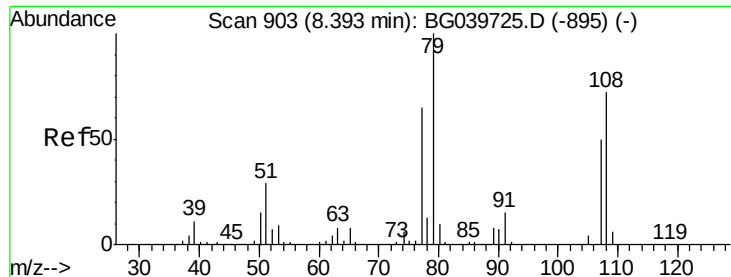
#14
 1,2-Dichlorobenzene
 Concen: 32.720 ng
 RT: 8.50 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Tgt Ion:146 Resp: 89171
 Ion Ratio Lower Upper
 146 100
 148 62.0 51.5 77.3
 111 40.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 33.638 ng

RT: 8.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

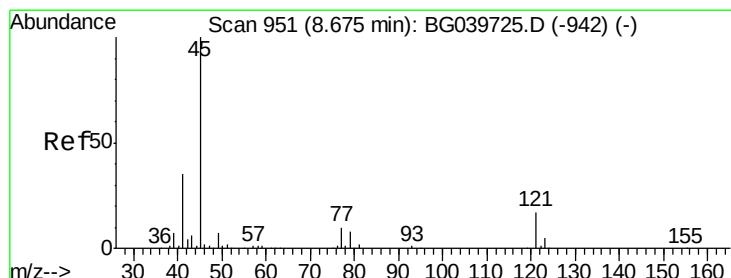
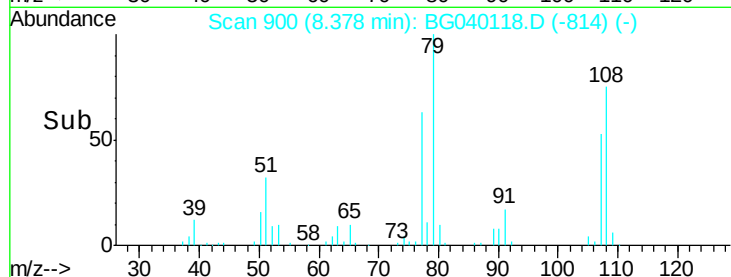
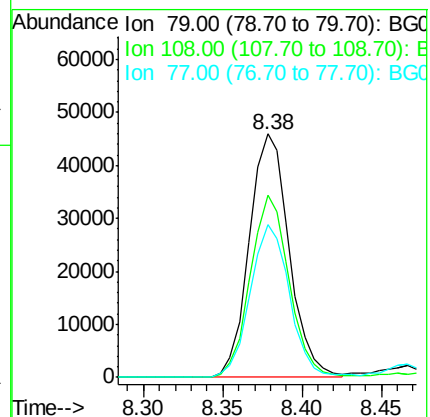
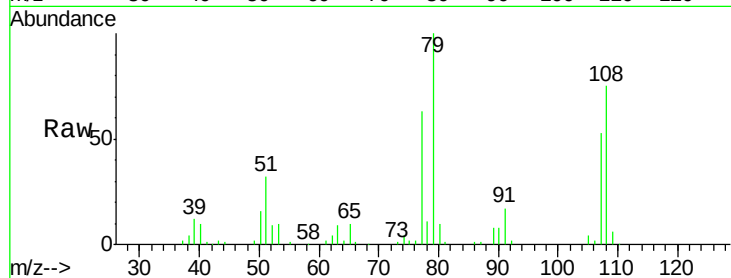
Tgt Ion: 79 Resp: 80297

Ion Ratio Lower Upper

79 100

108 74.9 57.8 86.6

77 62.7 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.783 ng

RT: 8.65 min Scan# 947

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

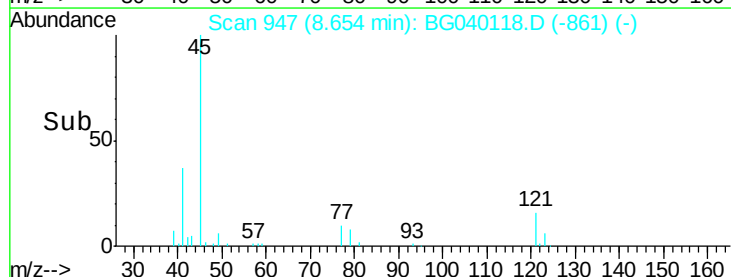
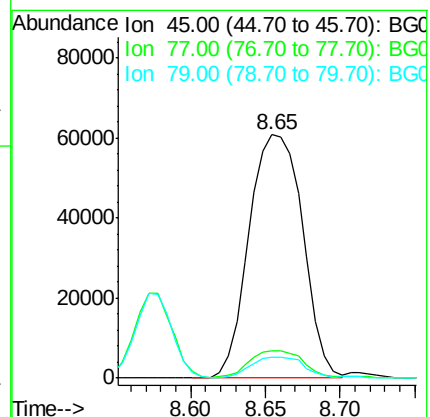
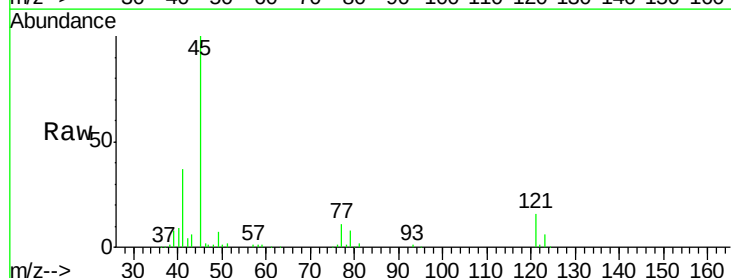
Tgt Ion: 45 Resp: 151401

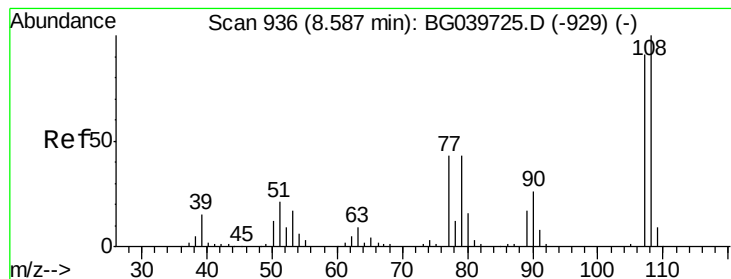
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.0

79 8.5 0.0 27.5





#17

2-Methylphenol

Concen: 36.829 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

Tgt Ion:107 Resp: 76556

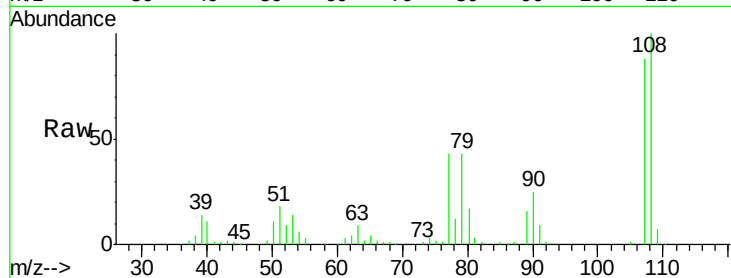
Ion Ratio Lower Upper

107 100

108 113.2 90.8 136.2

77 48.5 40.7 61.1

79 48.6 40.6 60.8

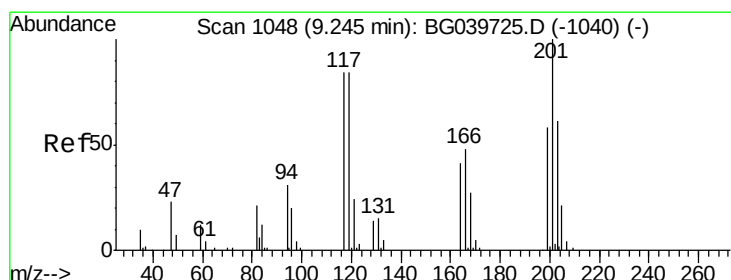
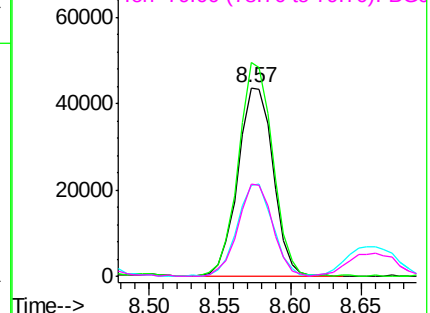
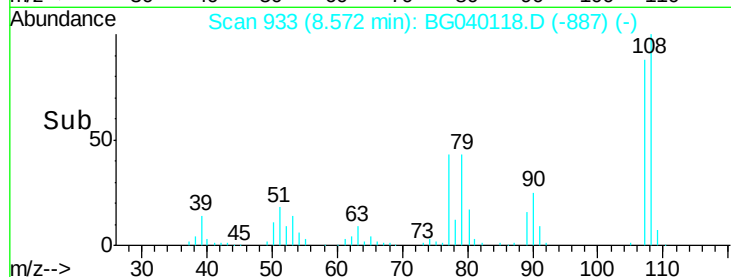


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 32.041 ng

RT: 9.22 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

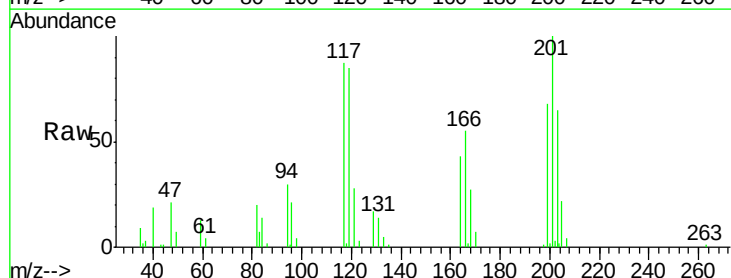
Tgt Ion:117 Resp: 32428

Ion Ratio Lower Upper

117 100

119 97.8 76.3 114.5

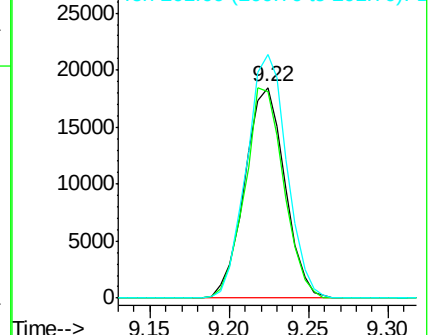
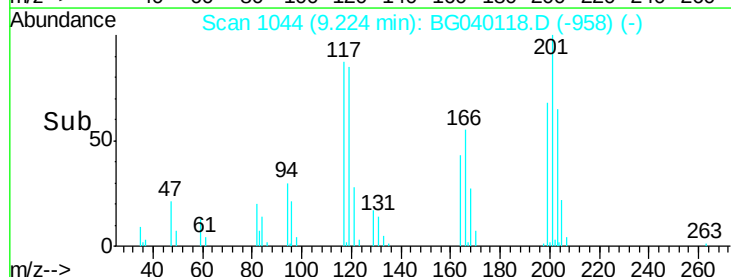
201 115.4 91.1 136.7

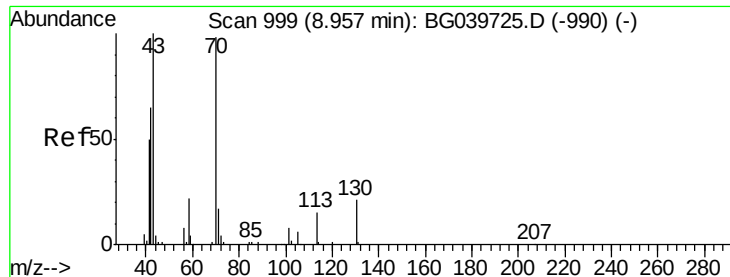


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

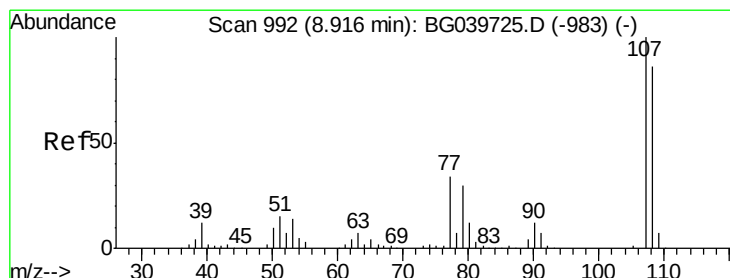
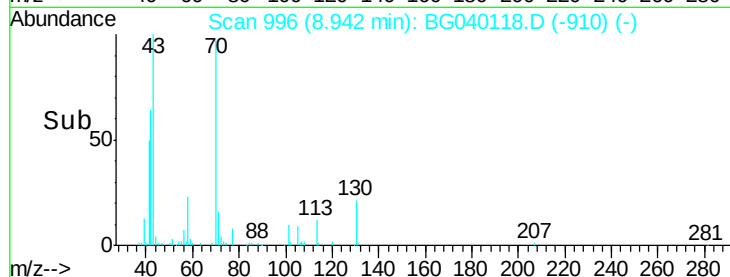
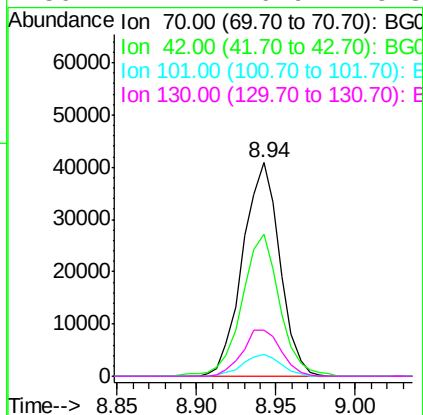
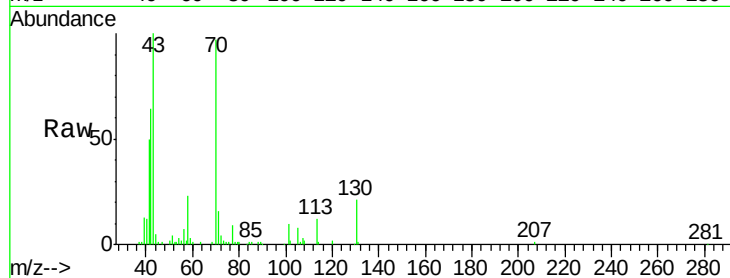




#19
n-Nitroso-di-n-propylamine
Concen: 30.629 ng
RT: 8.94 min Scan# 996
Delta R.T. -0.03 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

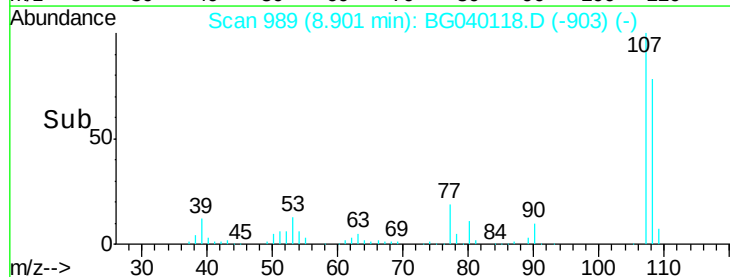
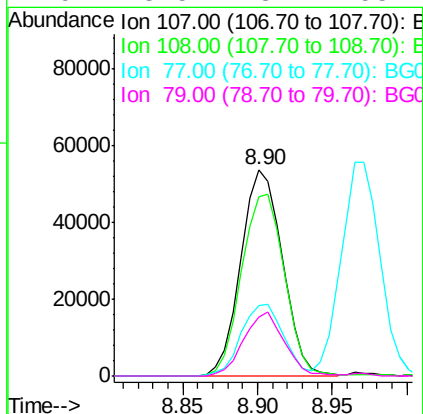
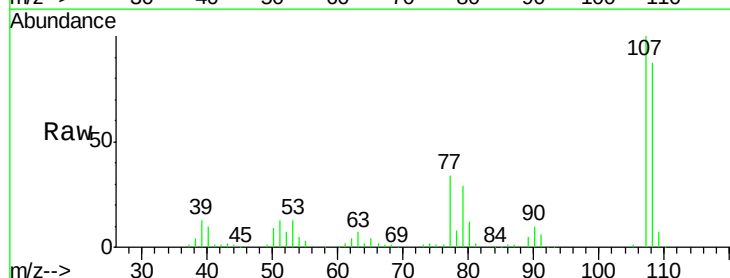
Instrument :
BNA_G
ClientSampleId :
PB118232BSD

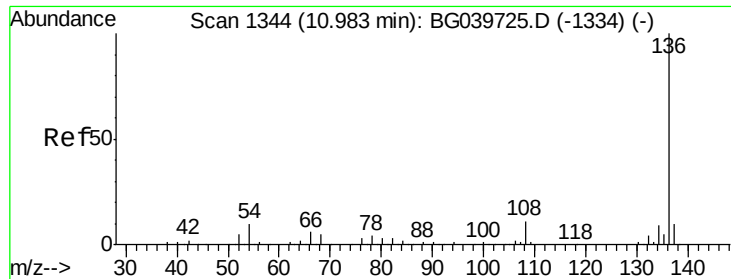
Tgt Ion:	70	Resp:	66343
Ion	Ratio	Lower	Upper
70	100		
42	66.4	60.4	90.6
101	10.2	7.5	11.3
130	21.7	16.9	25.3



#20
3+4-Methylphenols
Concen: 36.024 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.03 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion:	107	Resp:	104031
Ion	Ratio	Lower	Upper
107	100		
108	87.0	67.9	107.9
77	34.2	15.4	55.4
79	28.5	13.7	53.7

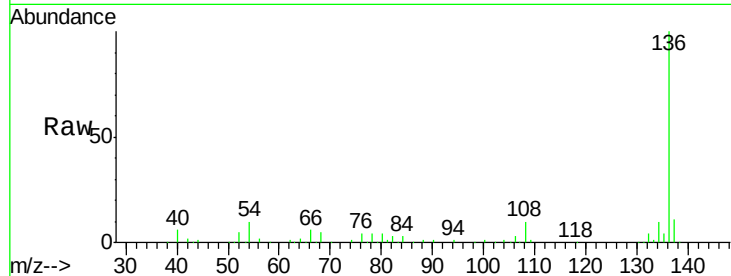




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.96 min Scan# 1340
Delta R.T. -0.03 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Instrument :
BNA_G
ClientSampleId :
PB118232BSD

Tgt Ion:	136	Resp:	148332
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.1	13.7
54	9.7	9.4	14.2
68	4.9	4.2	6.4



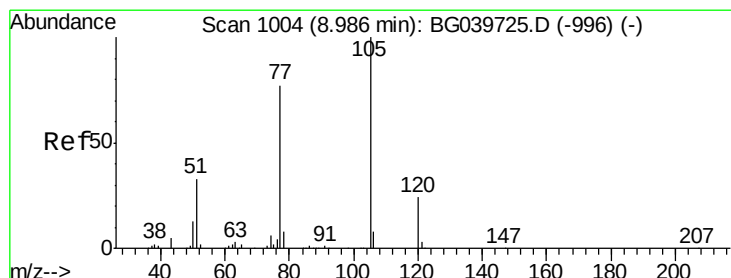
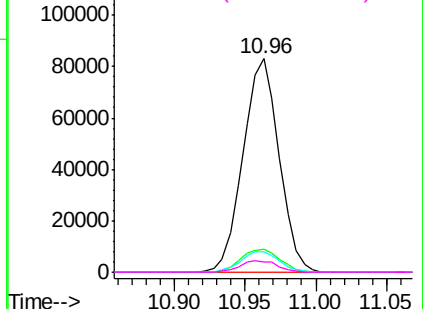
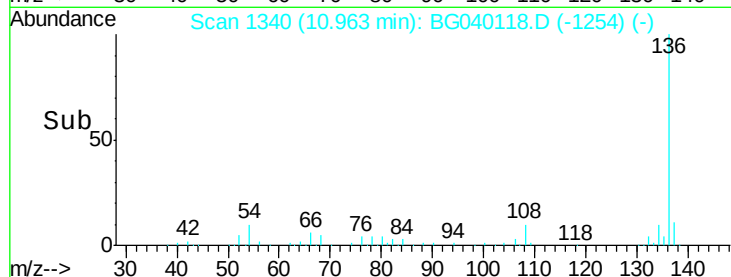
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

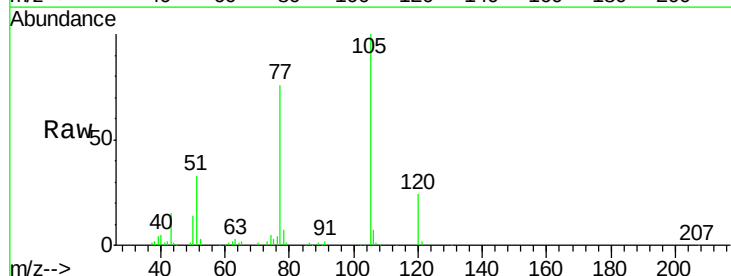
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 32.153 ng
RT: 8.97 min Scan# 1001
Delta R.T. -0.03 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion:	105	Resp:	128008
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.8	1.2#
51	32.6	30.2	45.2
120	23.8	18.0	27.0



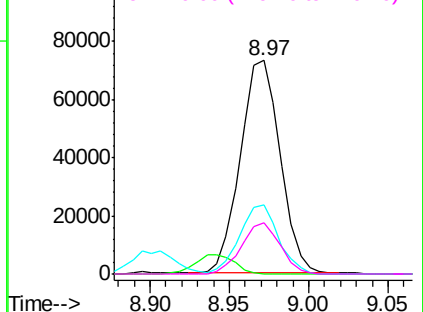
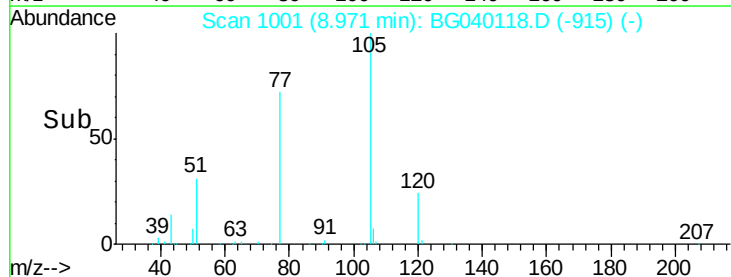
Abundance

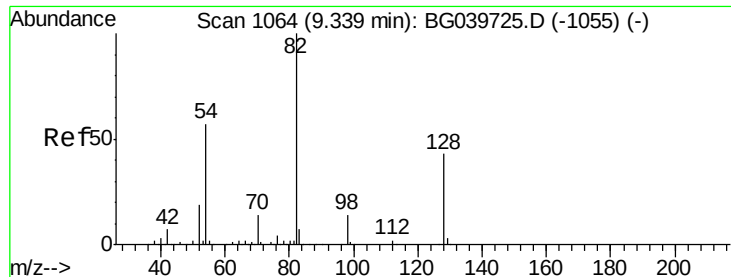
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

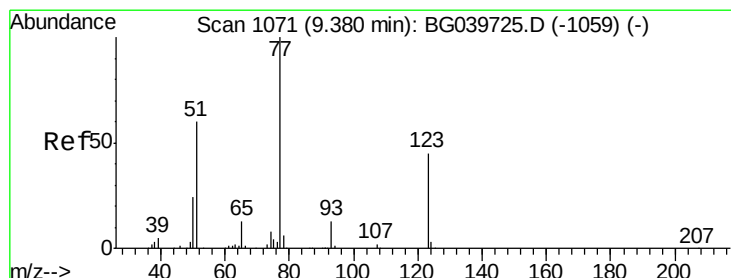
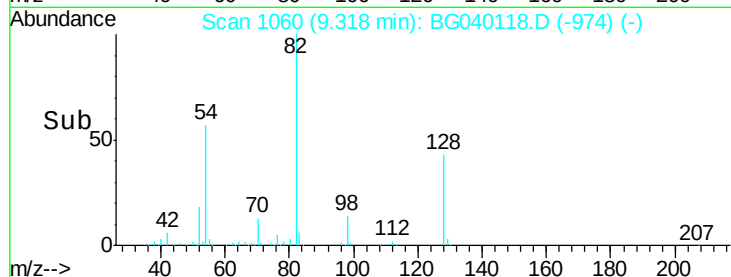
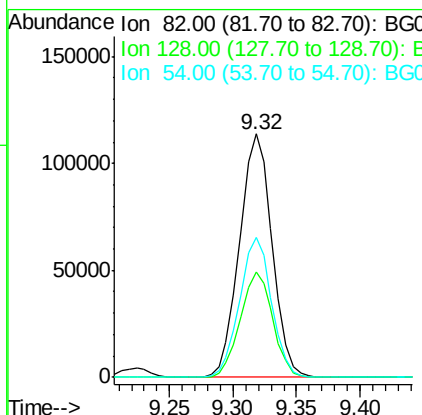
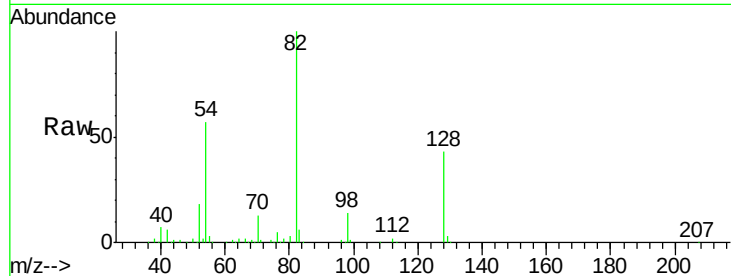




#23
Nitrobenzene-d5
Concen: 73.899 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.03 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

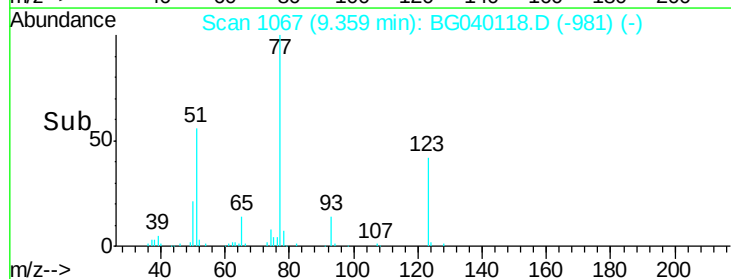
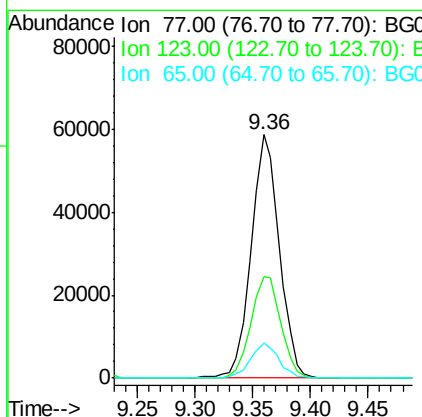
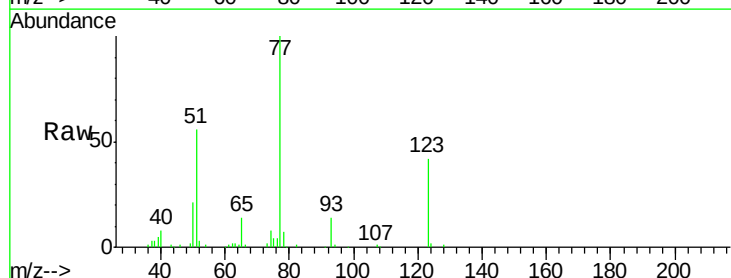
Instrument :
BNA_G
ClientSampleId :
PB118232BSD

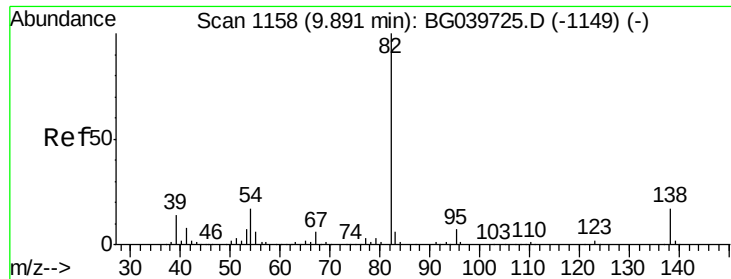
Tgt Ion: 82 Resp: 202678
Ion Ratio Lower Upper
82 100
128 43.4 31.3 46.9
54 57.2 50.9 76.3



#24
Nitrobenzene
Concen: 34.604 ng
RT: 9.36 min Scan# 1067
Delta R.T. -0.03 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion: 77 Resp: 99564
Ion Ratio Lower Upper
77 100
123 41.6 34.1 51.1
65 14.2 12.3 18.5





#25

Isophorone

Concen: 33.114 ng

RT: 9.87 min Scan# 1154

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

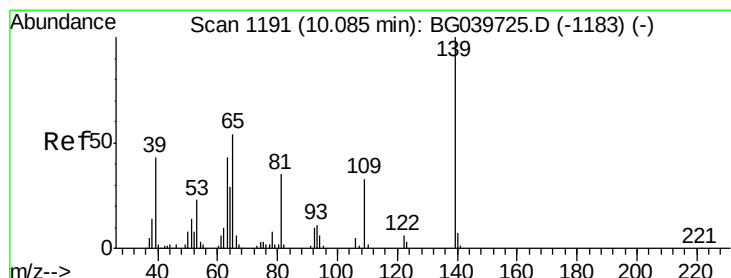
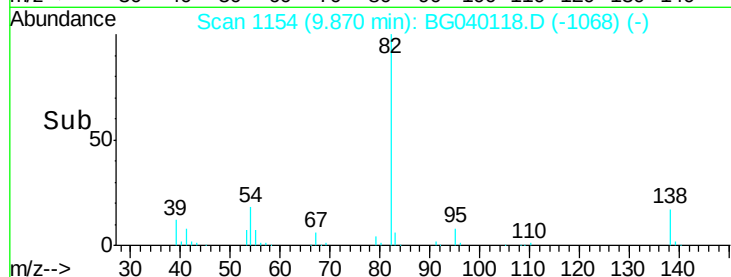
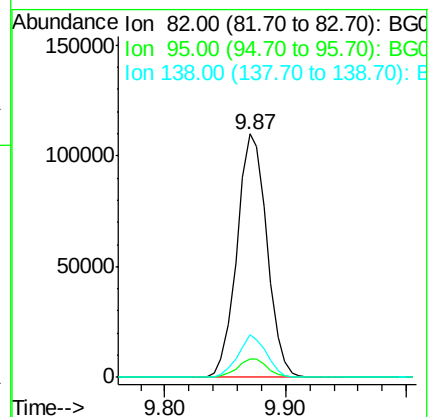
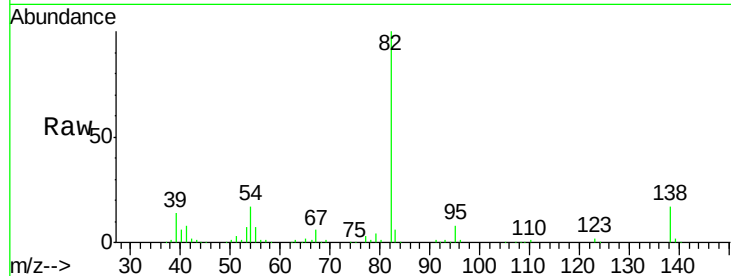
Tgt Ion: 82 Resp: 190296

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.2

138 17.3 13.0 19.4



#26

2-Nitrophenol

Concen: 35.920 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

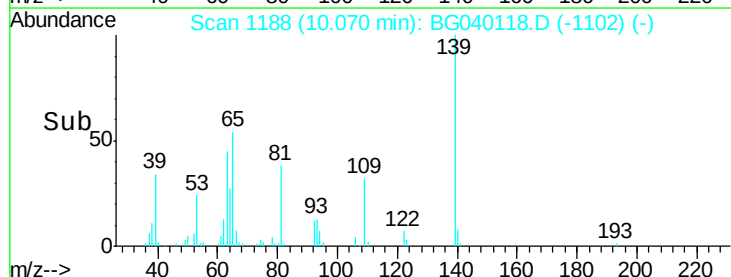
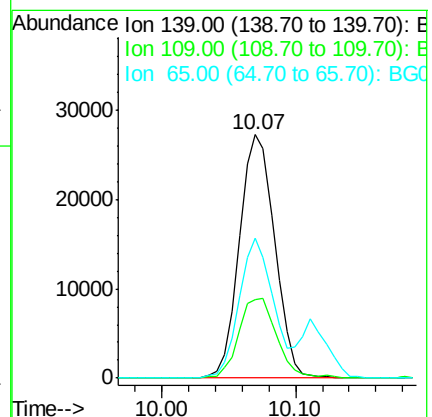
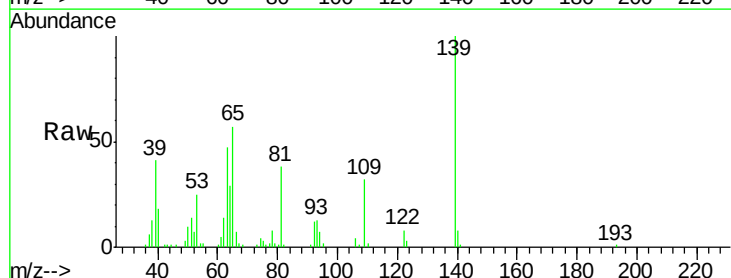
Tgt Ion: 139 Resp: 49899

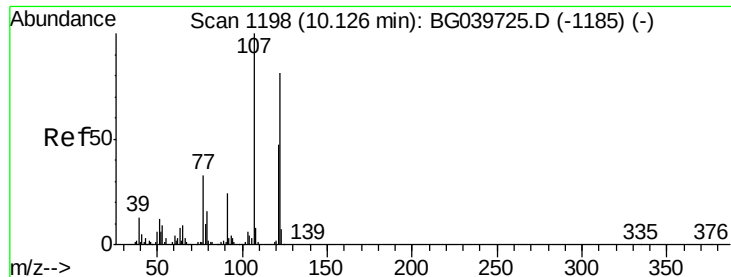
Ion Ratio Lower Upper

139 100

109 32.5 23.4 35.0

65 57.3 44.3 66.5





#27

2,4-Dimethylphenol

Concen: 41.776 ng

RT: 10.11 min Scan# 1195

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

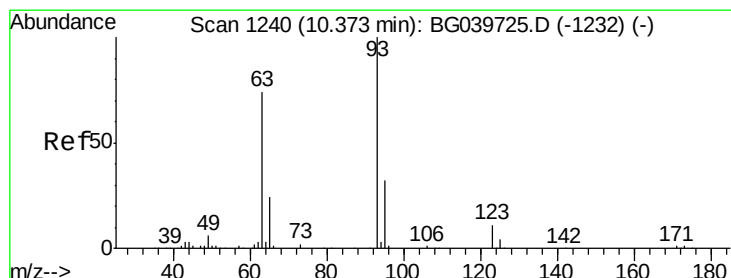
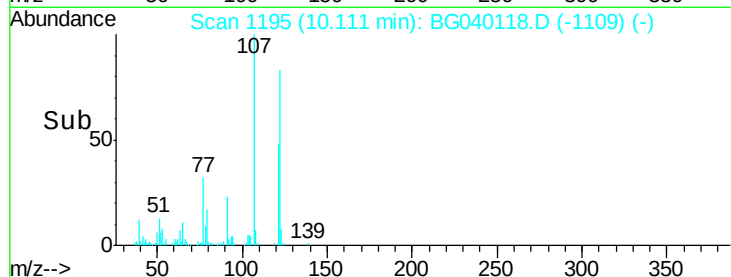
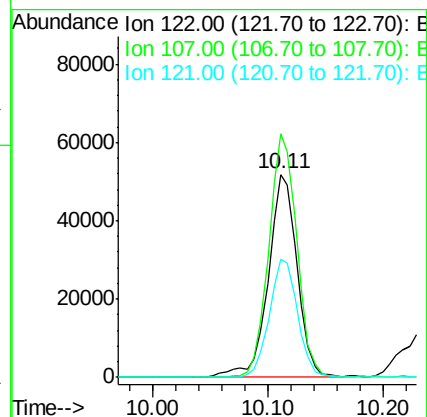
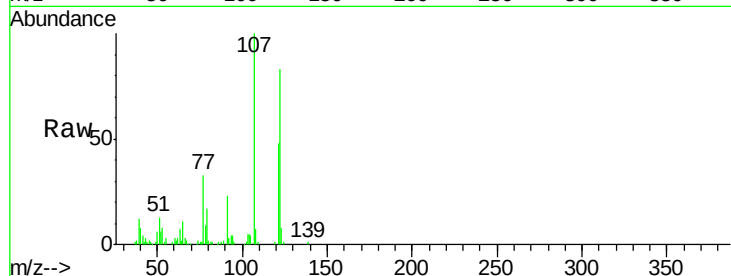
Tgt Ion:122 Resp: 90259

Ion Ratio Lower Upper

122 100

107 119.8 91.7 137.5

121 58.0 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 33.707 ng

RT: 10.35 min Scan# 1236

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

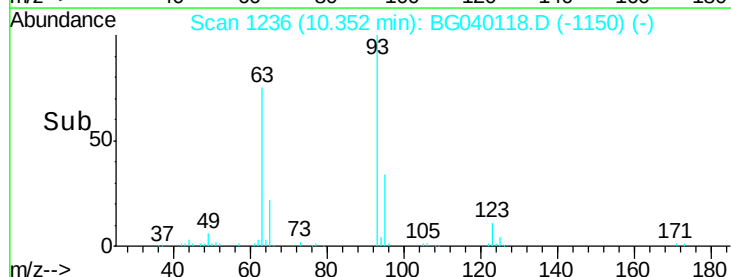
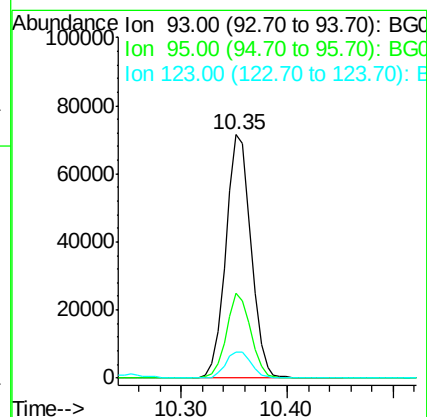
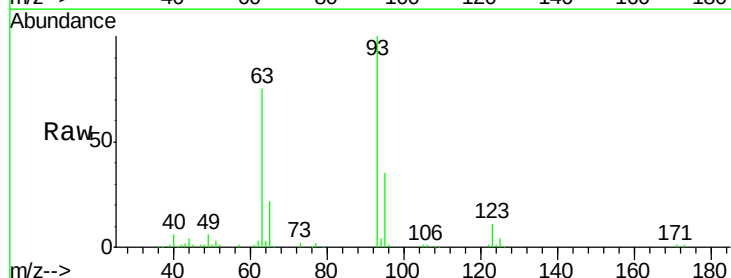
Tgt Ion: 93 Resp: 117712

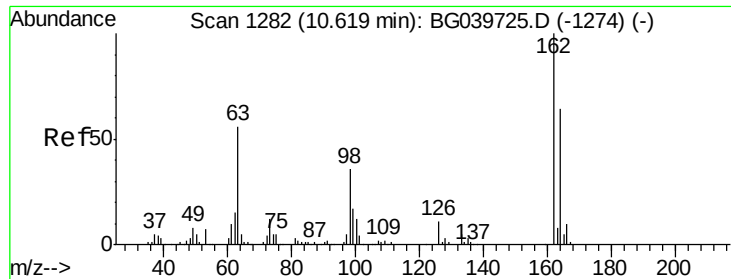
Ion Ratio Lower Upper

93 100

95 34.9 25.0 37.4

123 10.8 8.6 12.8

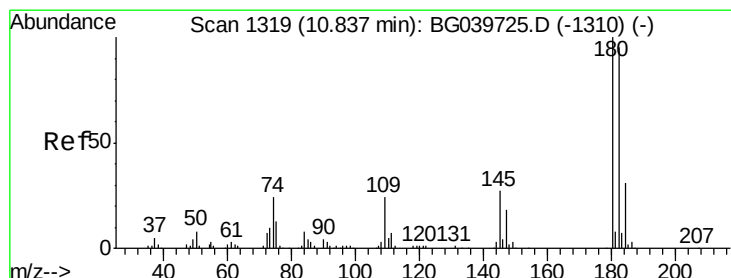
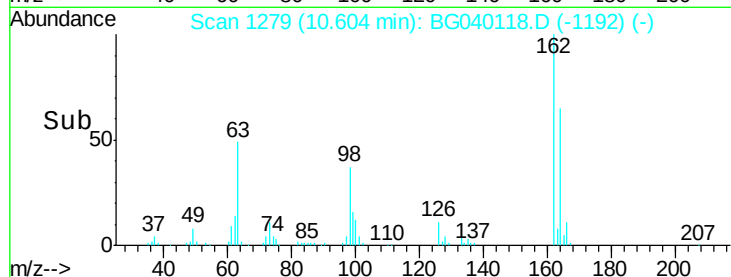
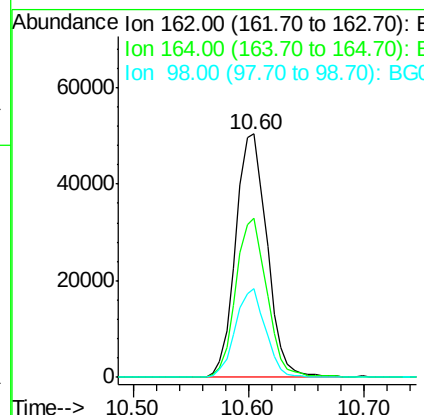
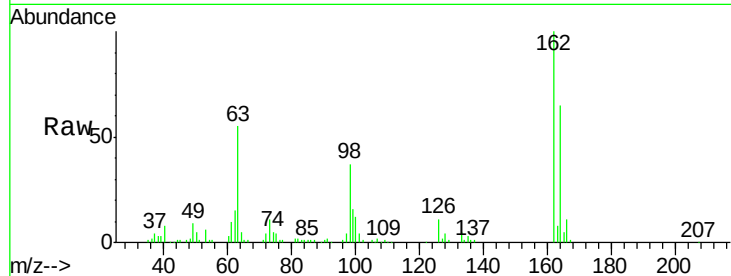




#29
 2,4-Dichlorophenol
 Concen: 39.141 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

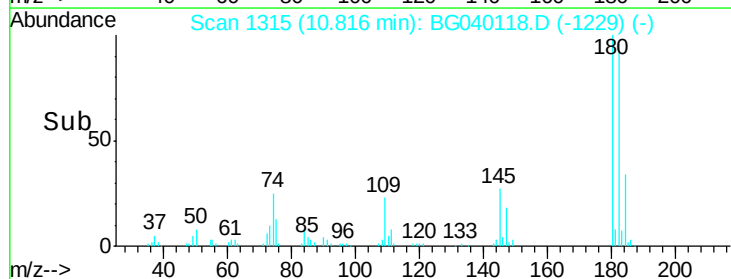
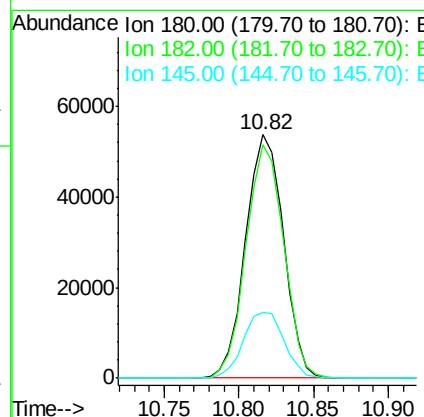
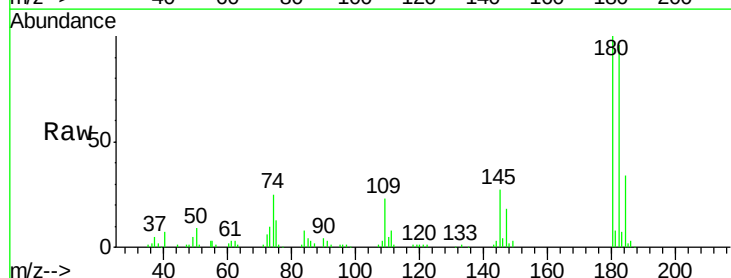
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BSD

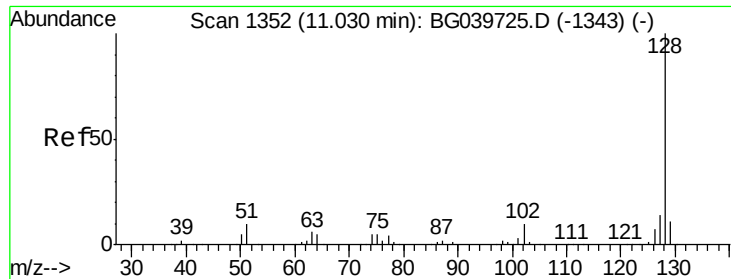
Tgt Ion:162 Resp: 95212
 Ion Ratio Lower Upper
 162 100
 164 65.4 48.1 88.1
 98 36.6 18.1 58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 34.514 ng
 RT: 10.82 min Scan# 1315
 Delta R.T. -0.03 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Tgt Ion:180 Resp: 94473
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.0 114.0
 145 27.1 22.7 34.1

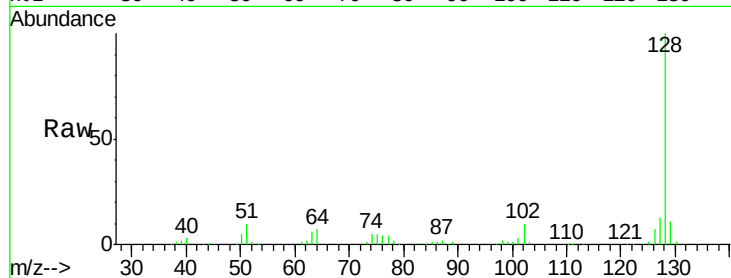




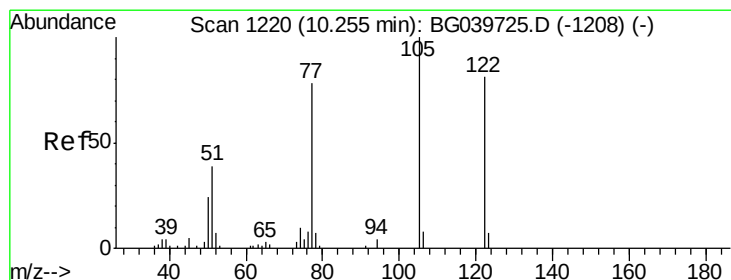
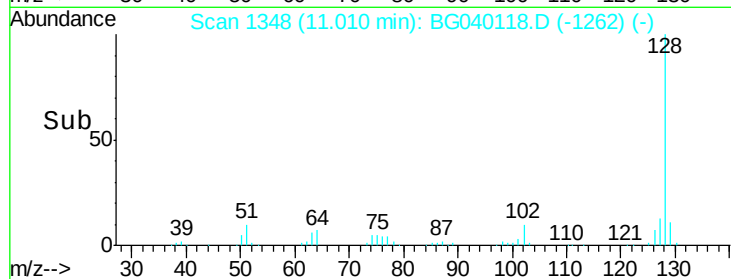
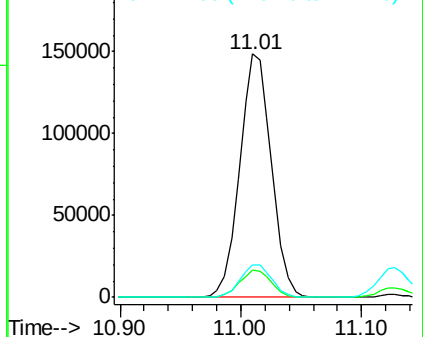
#31
Naphthalene
Concen: 34.343 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.03 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Instrument :
BNA_G
ClientSampleId :
PB118232BSD

Tgt Ion:128 Resp: 269718
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.8 16.2

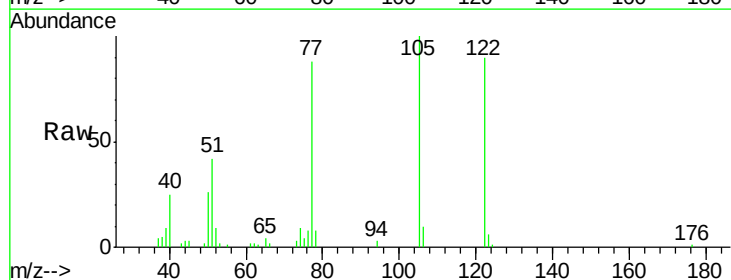


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

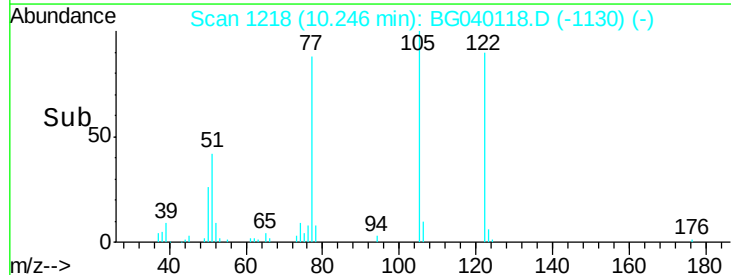
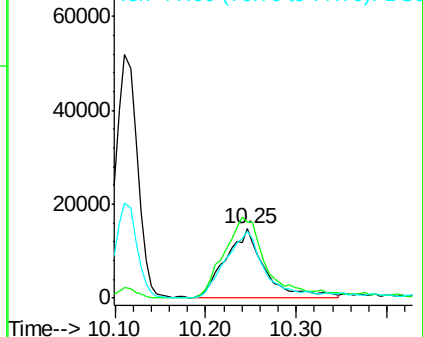


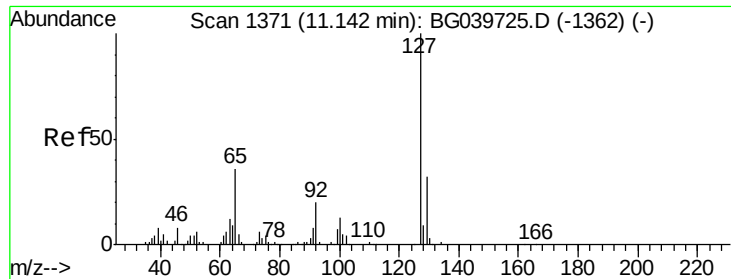
#32
Benzoic acid
Concen: 32.658 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion:122 Resp: 44819
Ion Ratio Lower Upper
122 100
105 110.6 101.8 141.8
77 97.1 76.3 116.3



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

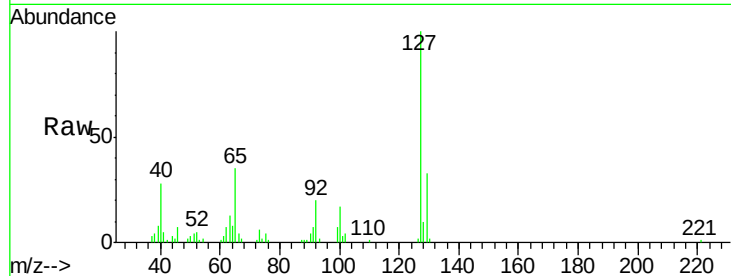




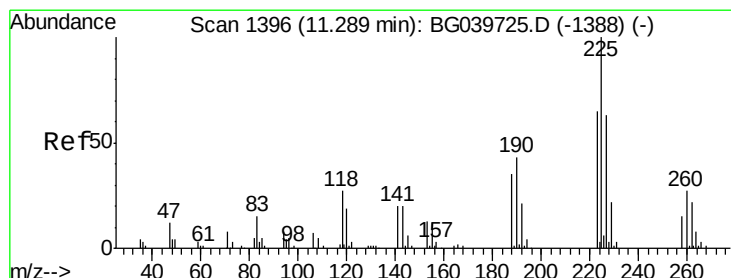
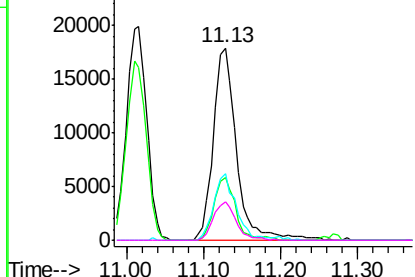
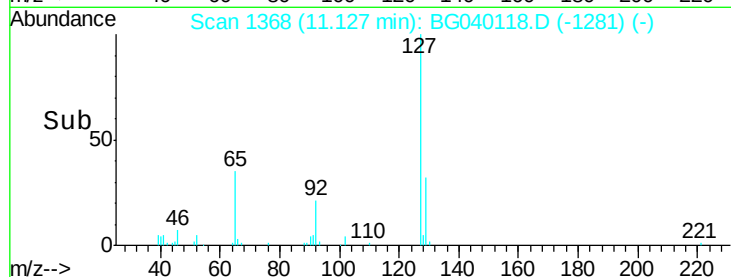
#33
4-Chloroaniline
Concen: 11.145 ng
RT: 11.13 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Instrument :
BNA_G
ClientSampleId :
PB118232BSD

Tgt Ion:	127	Resp:	37115
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	34.8	28.8	43.2
92	20.1	16.6	25.0

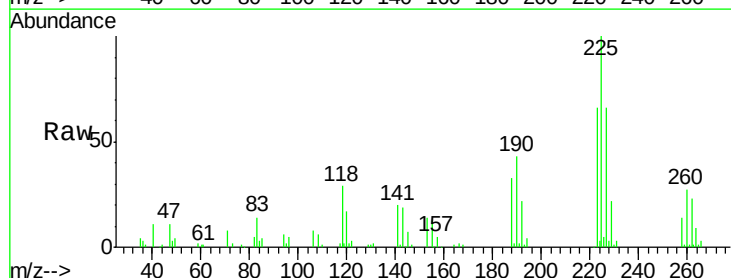


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

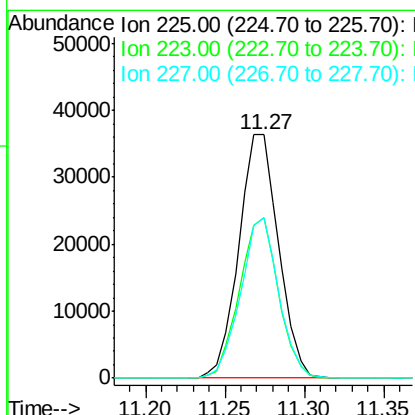
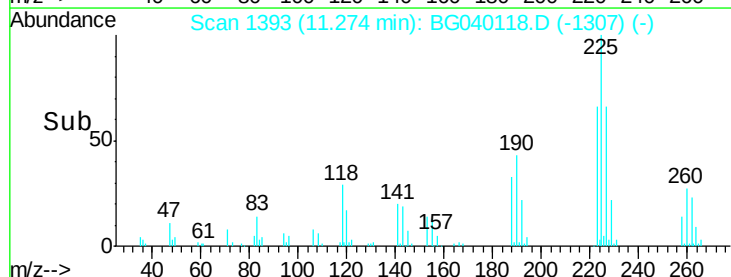


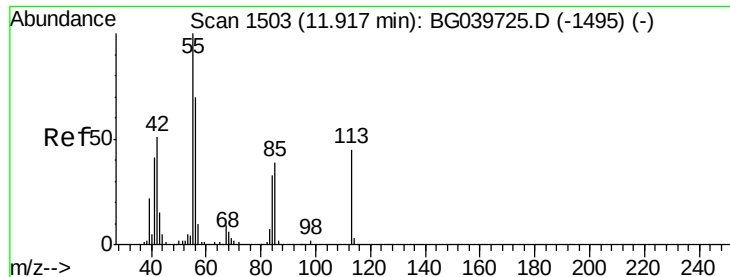
#34
Hexachlorobutadiene
Concen: 33.795 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion:	225	Resp:	63212
Ion	Ratio	Lower	Upper
225	100		
223	66.0	49.0	73.6
227	65.8	46.3	69.5



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: 35.789 ng

RT: 11.90 min Scan# 1500

Delta R.T. -0.04 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

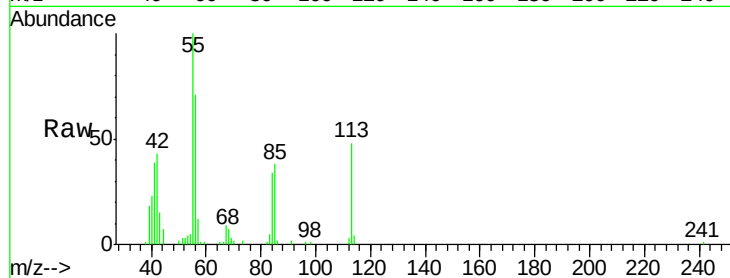
Tgt Ion:113 Resp: 33256

Ion Ratio Lower Upper

113 100

55 208.2 216.9 256.9#

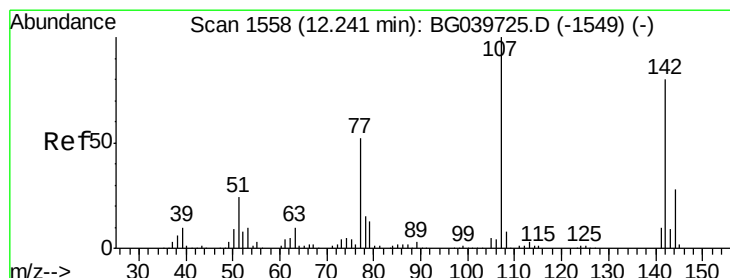
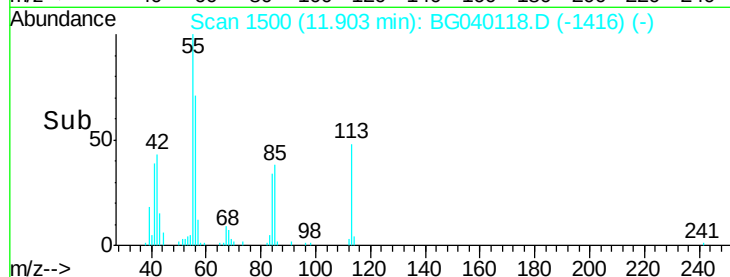
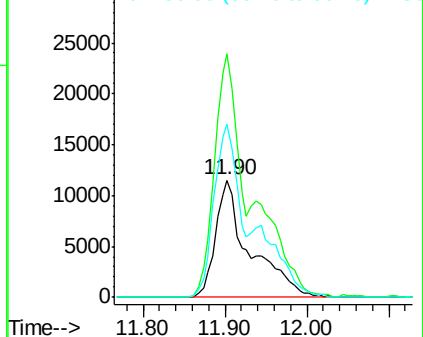
56 148.7 152.6 192.6#



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: 38.300 ng

RT: 12.23 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

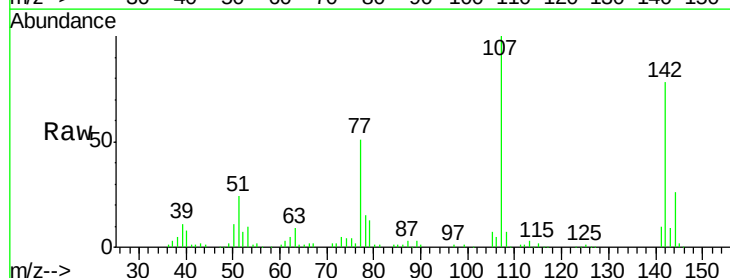
Tgt Ion:107 Resp: 106799

Ion Ratio Lower Upper

107 100

144 26.2 20.2 30.2

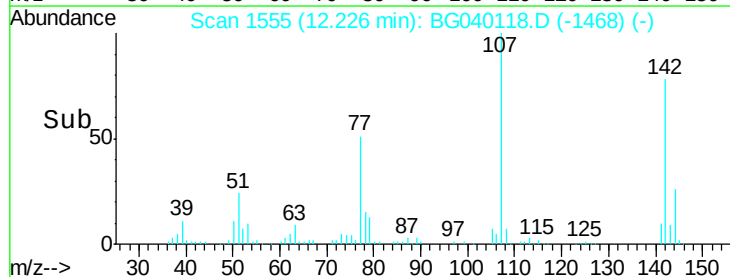
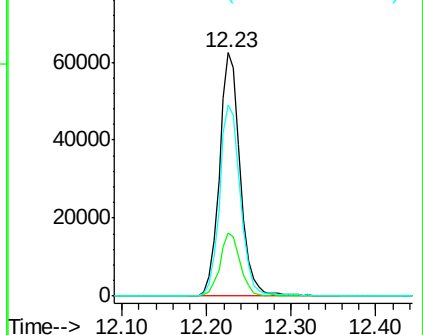
142 78.2 61.4 92.2

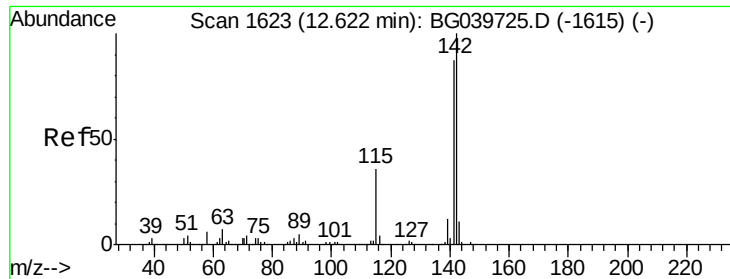


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

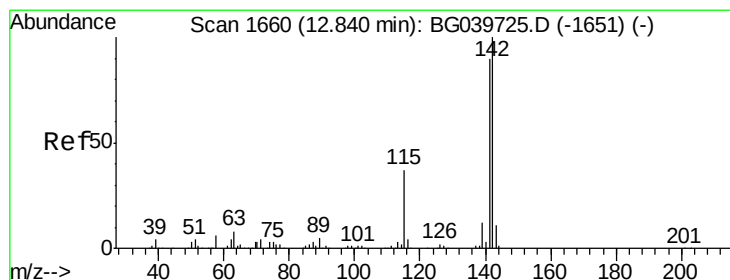
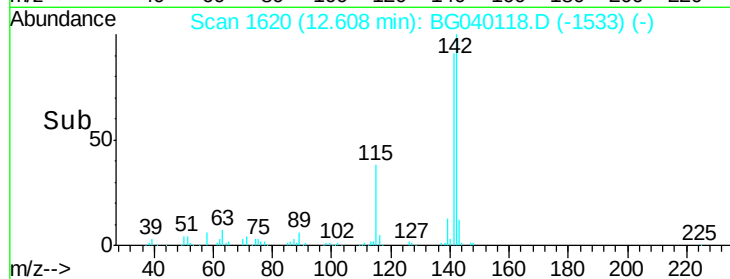
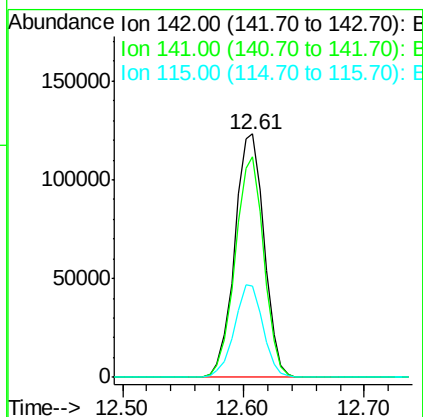
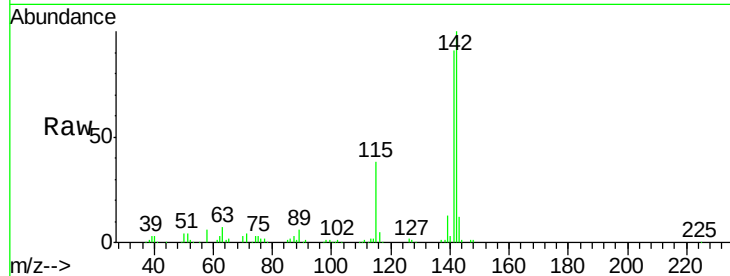




#37
2-Methylnaphthalene
Concen: 35.643 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

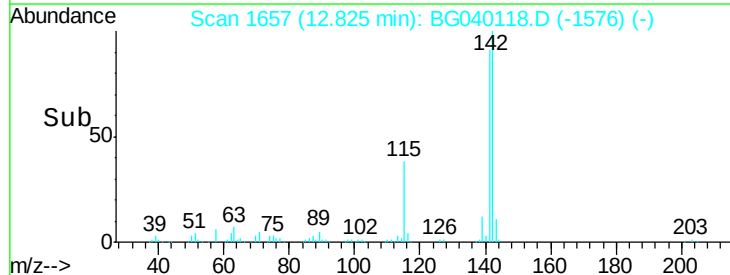
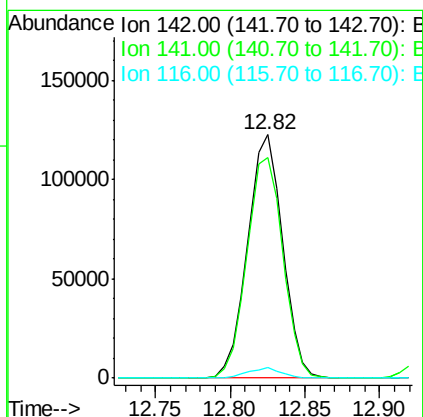
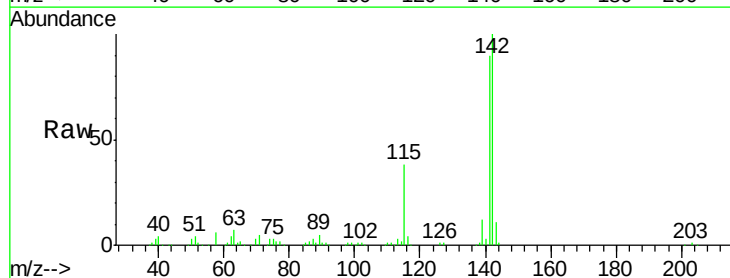
Instrument :
BNA_G
ClientSampleId :
PB118232BSD

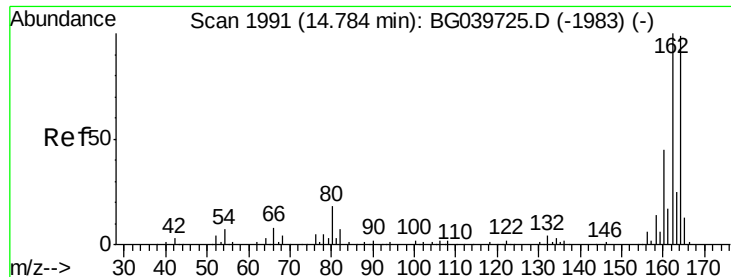
Tgt Ion:142 Resp: 209278
Ion Ratio Lower Upper
142 100
141 90.8 73.5 110.3
115 37.7 30.8 46.2



#38
1-Methylnaphthalene
Concen: 34.795 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.02 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion:142 Resp: 198539
Ion Ratio Lower Upper
142 100
141 90.4 74.2 111.4
116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

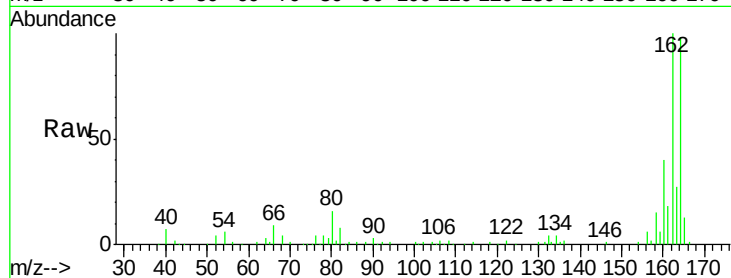
Tgt Ion:164 Resp: 105500

Ion Ratio Lower Upper

164 100

162 101.8 81.6 122.4

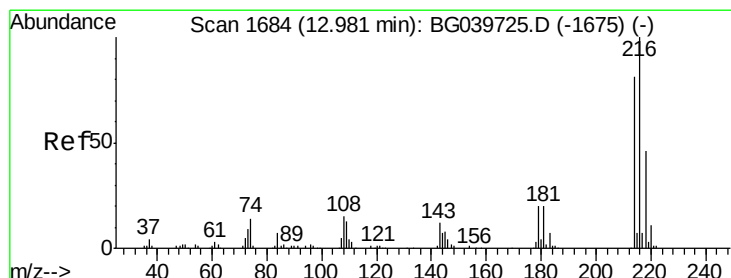
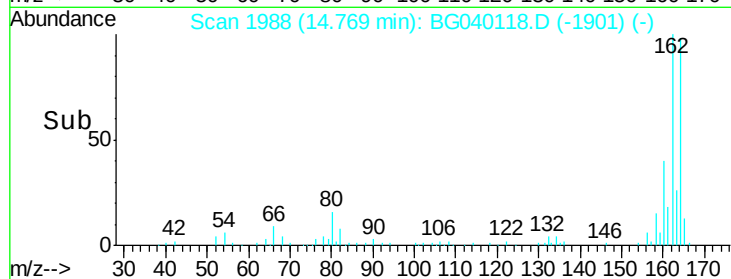
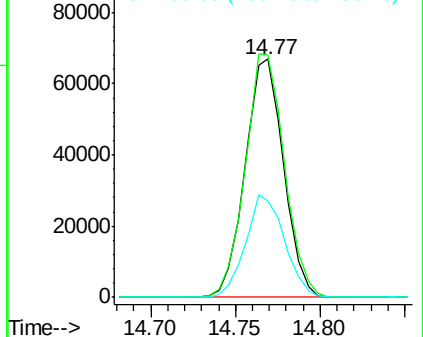
160 40.7 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.756 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Tgt Ion:216 Resp: 117072

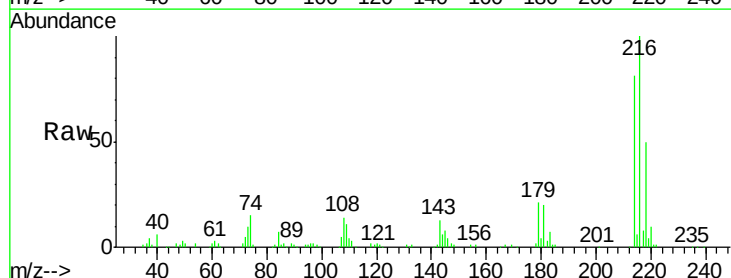
Ion Ratio Lower Upper

216 100

214 79.4 62.6 94.0

179 20.6 16.6 25.0

108 17.8 14.0 21.0

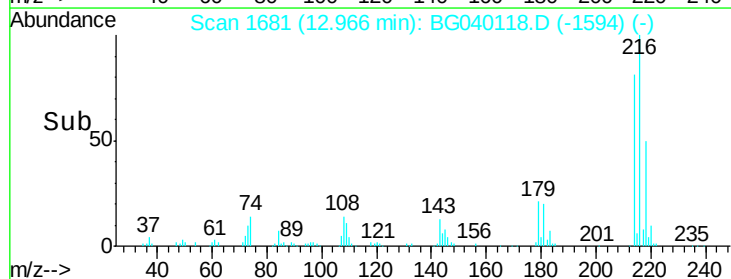
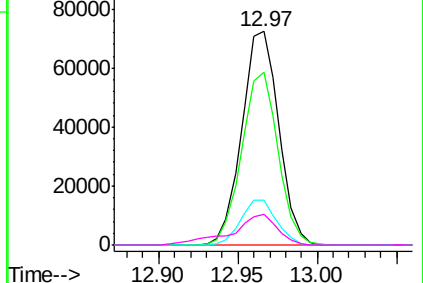


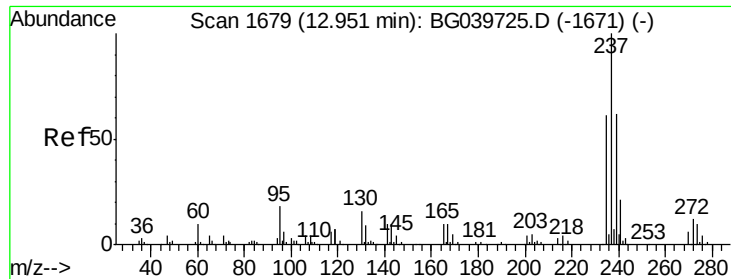
Abundance Ion 216.00 (215.70 to 216.70): E

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: 79.828 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

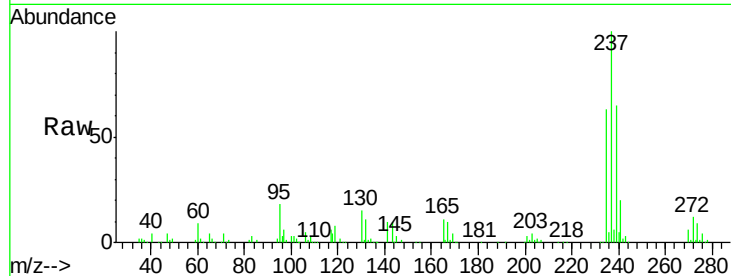
Tgt Ion:237 Resp: 152899

Ion Ratio Lower Upper

237 100

235 63.5 43.3 83.3

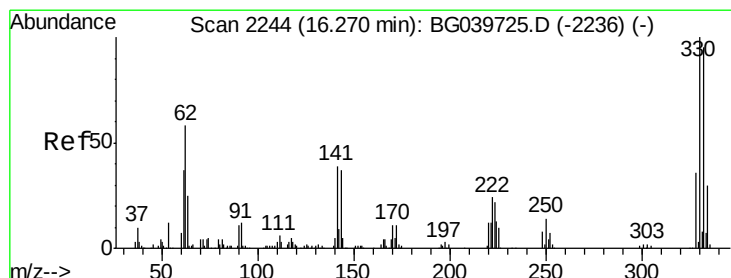
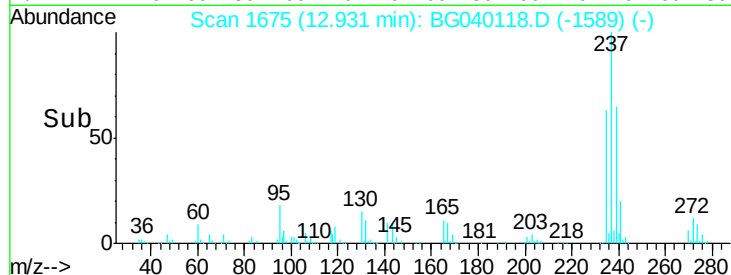
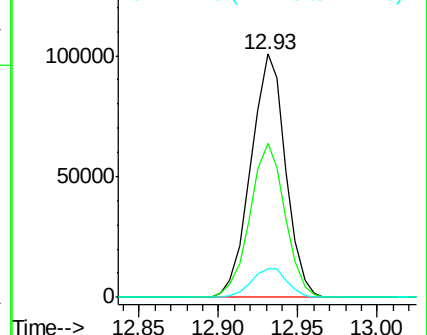
272 12.0 0.0 32.3



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: 122.213 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

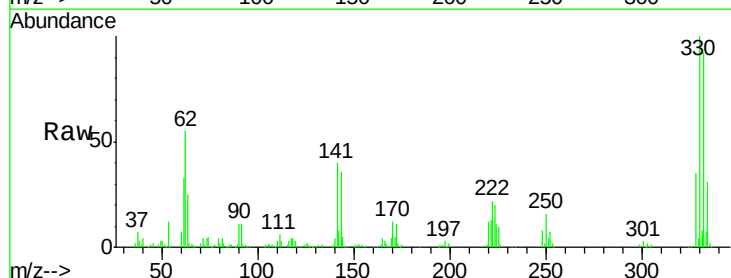
Tgt Ion:330 Resp: 150283

Ion Ratio Lower Upper

330 100

332 96.4 75.7 113.5

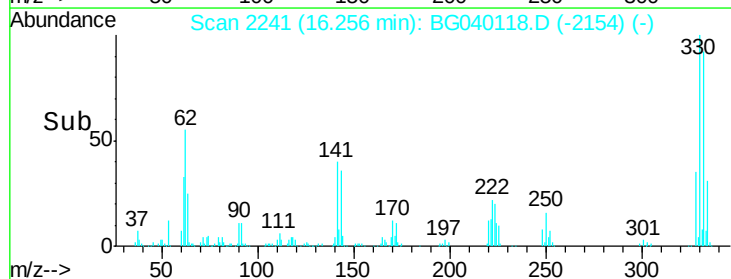
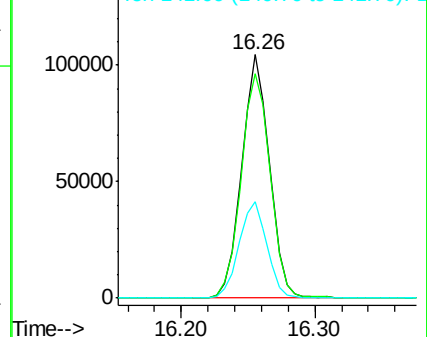
141 40.0 35.6 53.4

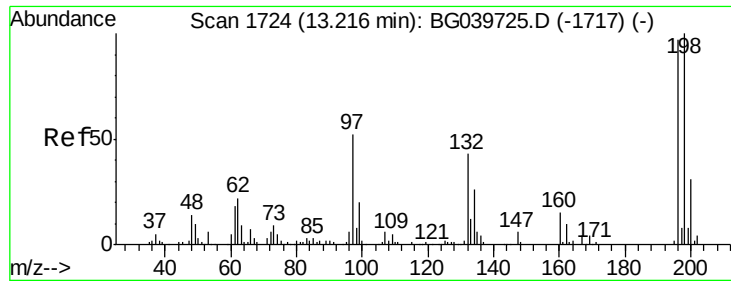


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

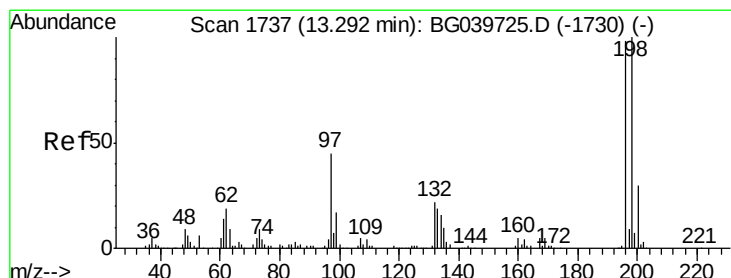
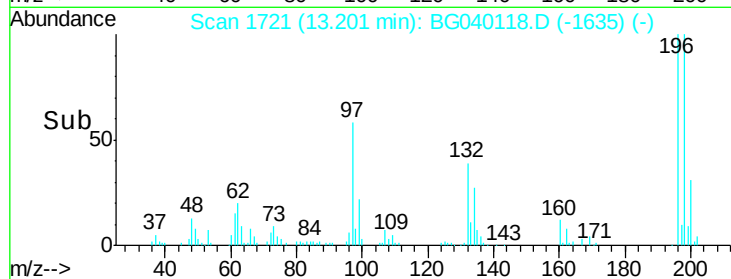
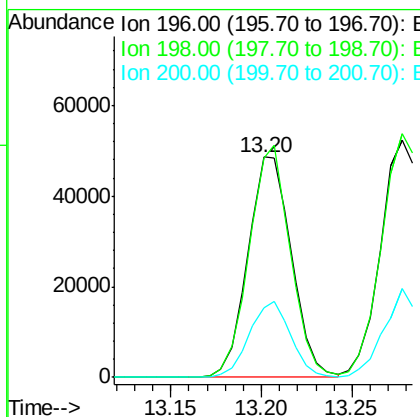
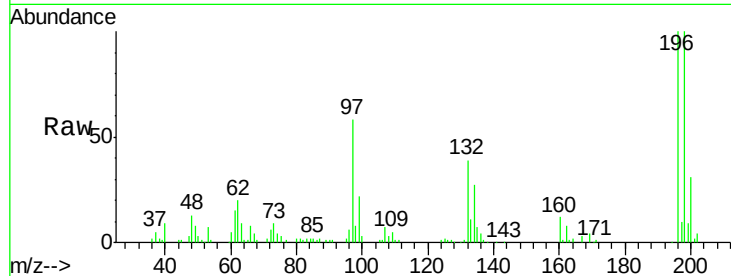




#43
 2,4,6-Trichlorophenol
 Concen: 38.760 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.03 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

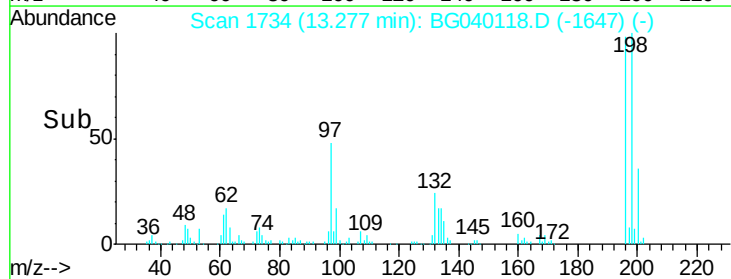
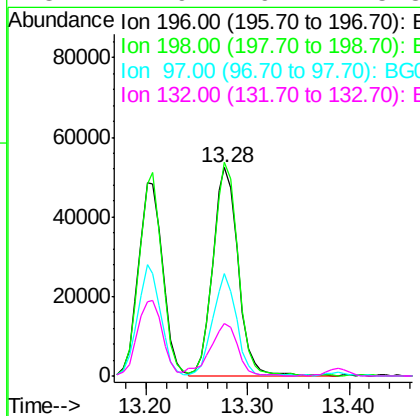
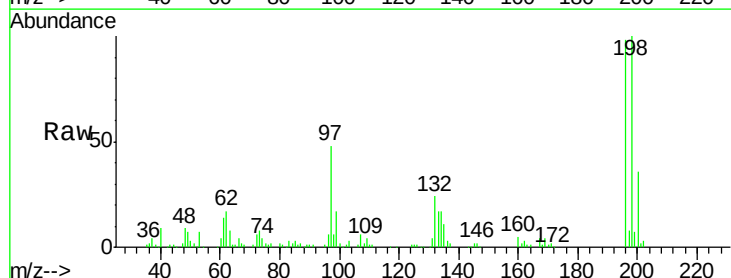
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BSD

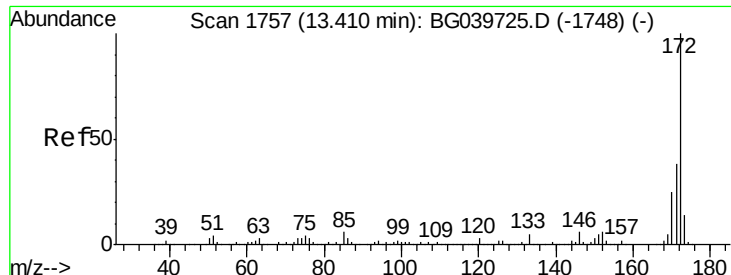
Tgt Ion:196 Resp: 81104
 Ion Ratio Lower Upper
 196 100
 198 99.7 80.6 121.0
 200 31.4 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 38.636 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Tgt Ion:196 Resp: 91126
 Ion Ratio Lower Upper
 196 100
 198 102.4 78.5 117.7
 97 48.9 38.4 57.6
 132 24.9 19.2 28.8

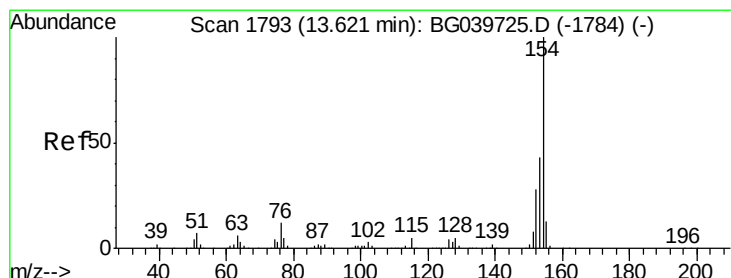
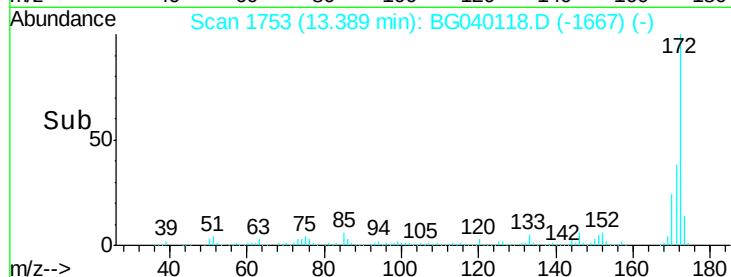
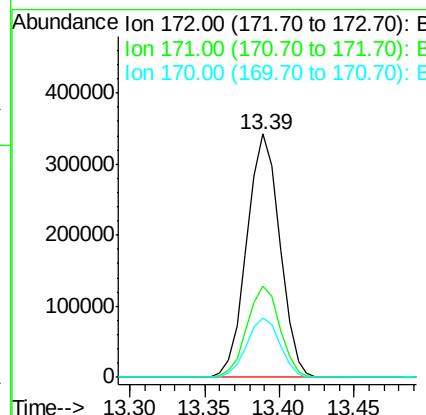
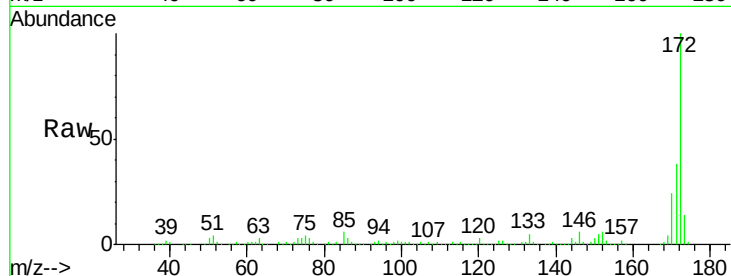




#45
 2-Fluorobiphenyl
 Concen: 70.456 ng
 RT: 13.39 min Scan# 1753
 Delta R.T. -0.03 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

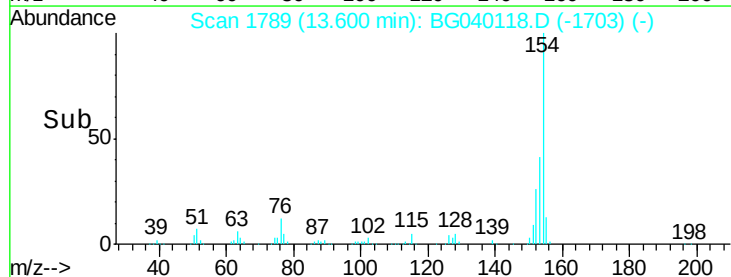
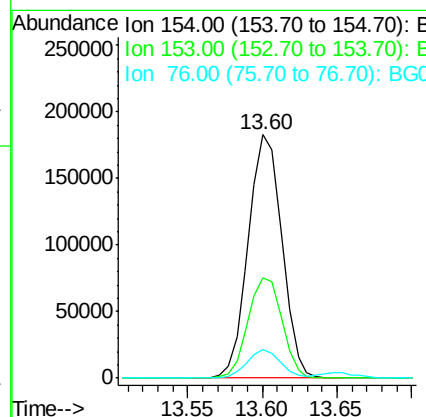
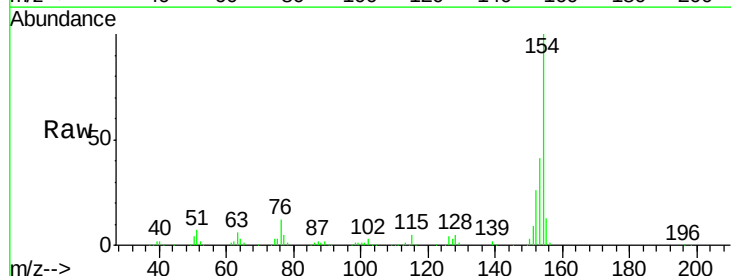
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BSD

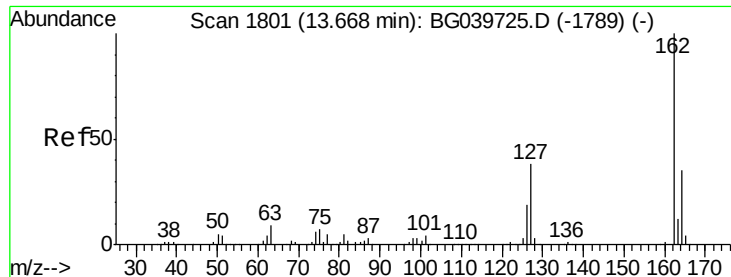
Tgt Ion:172 Resp: 522050
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 24.2 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 32.830 ng
 RT: 13.60 min Scan# 1789
 Delta R.T. -0.03 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Tgt Ion:154 Resp: 284875
 Ion Ratio Lower Upper
 154 100
 153 41.3 22.1 62.1
 76 11.6 0.0 32.4

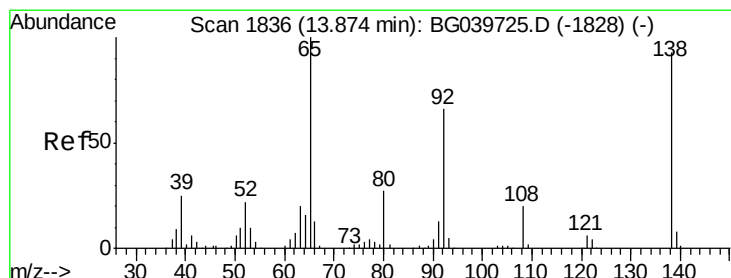
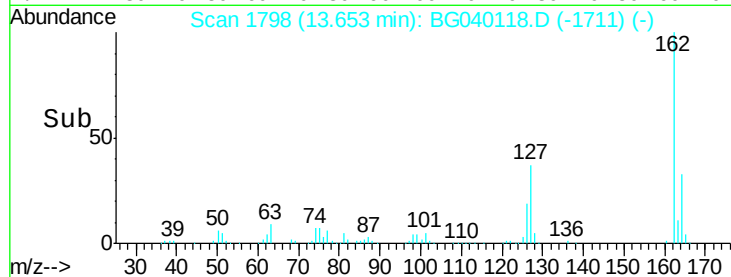
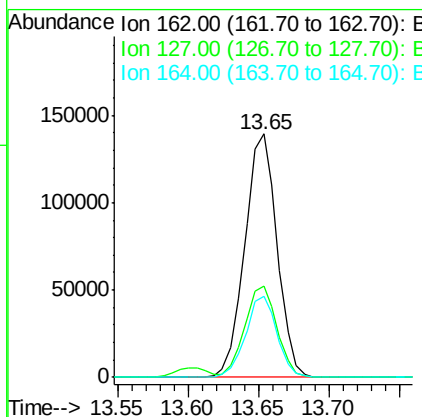
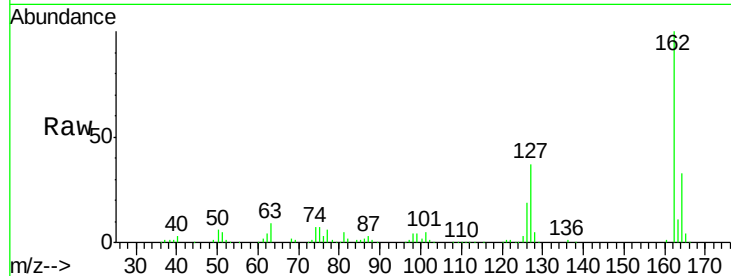




#47
 2-Chloronaphthalene
 Concen: 34.170 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

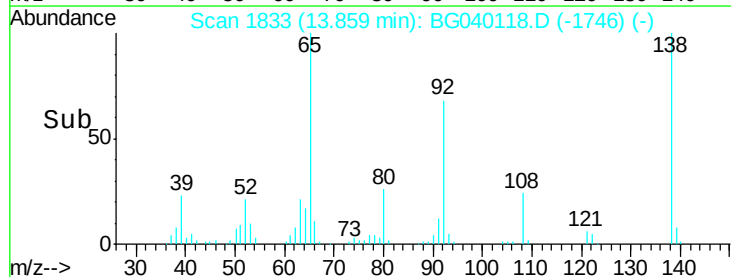
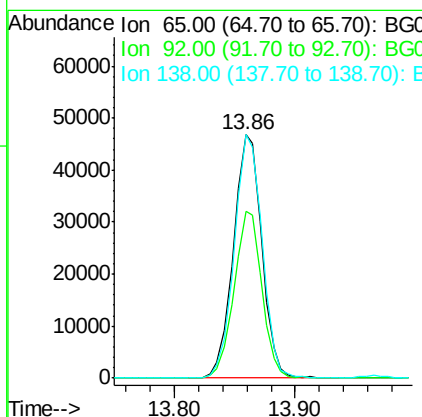
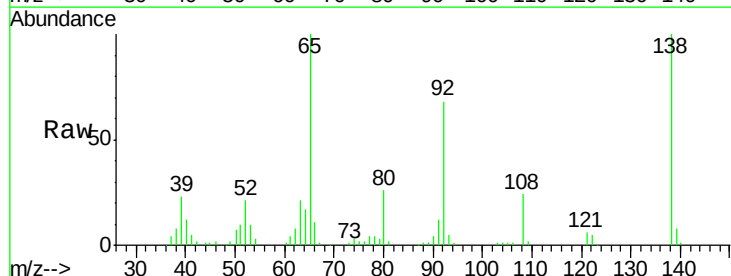
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BSD

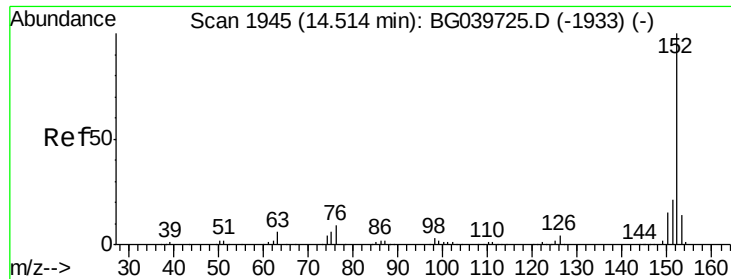
Tgt Ion: 162 Resp: 223058
 Ion Ratio Lower Upper
 162 100
 127 37.4 31.0 46.6
 164 33.2 25.7 38.5



#48
 2-Nitroaniline
 Concen: 36.456 ng
 RT: 13.86 min Scan# 1833
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Tgt Ion: 65 Resp: 76479
 Ion Ratio Lower Upper
 65 100
 92 68.4 51.4 77.2
 138 99.8 71.4 107.2





#49

Acenaphthylene

Concen: 33.871 ng

RT: 14.49 min Scan# 1941

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

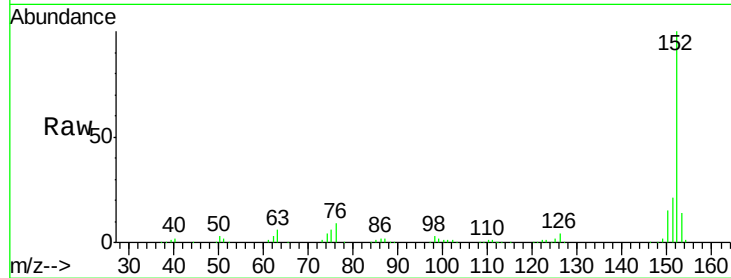
Tgt Ion:152 Resp: 362960

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

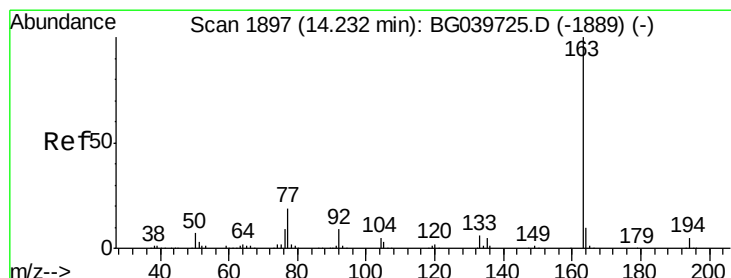
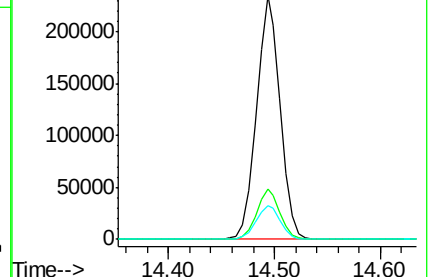
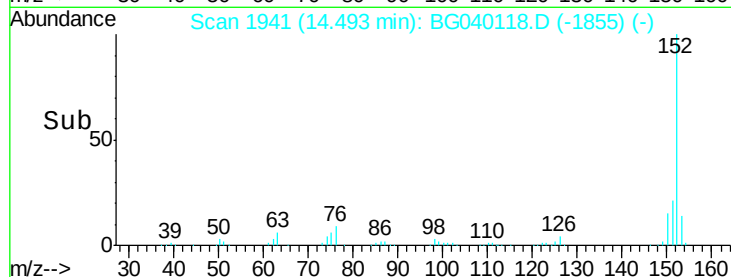
153 13.7 11.7 17.5



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: 34.883 ng

RT: 14.21 min Scan# 1893

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

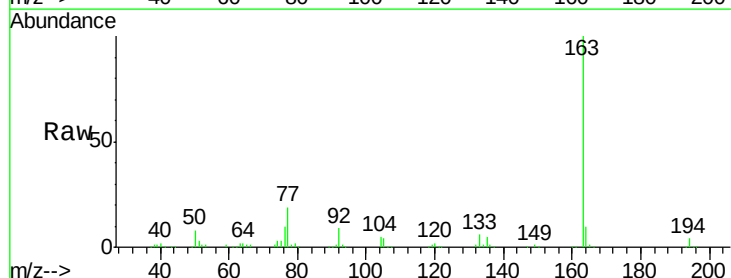
Tgt Ion:163 Resp: 307733

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

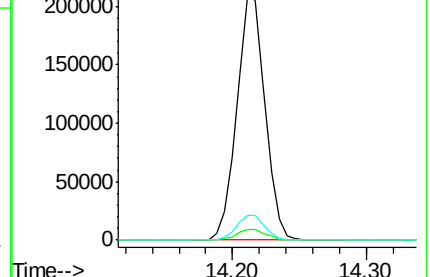
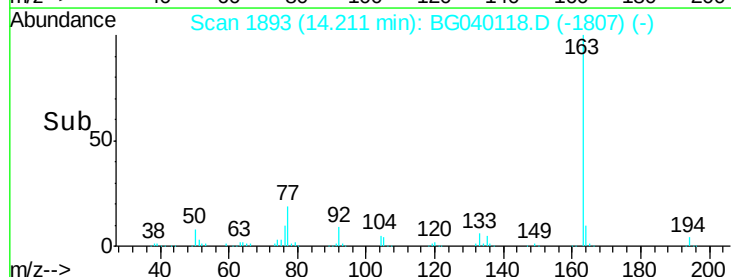
164 9.9 8.4 12.6

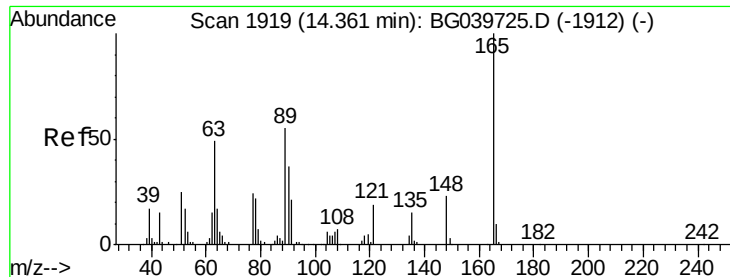


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

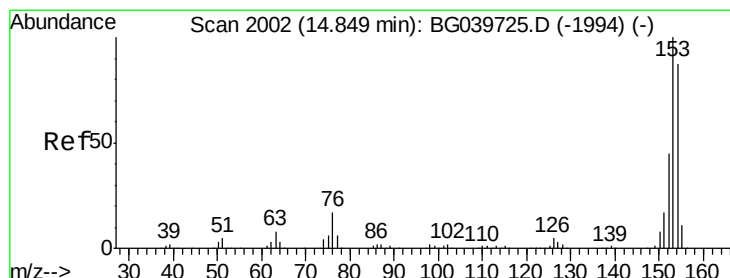
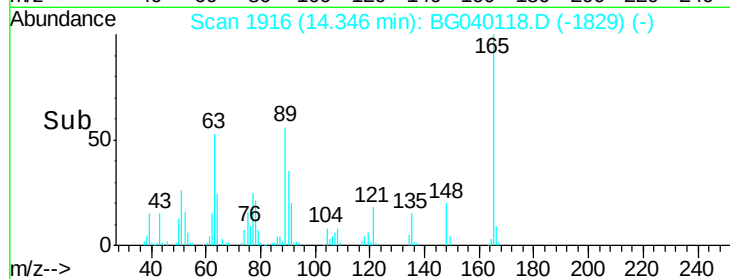
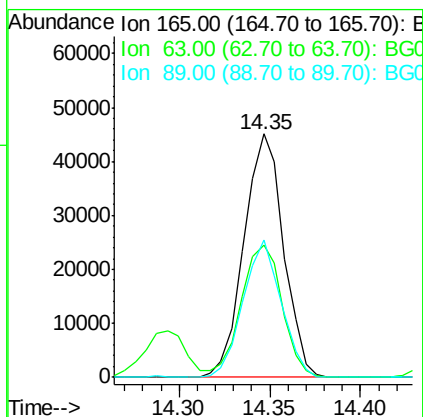
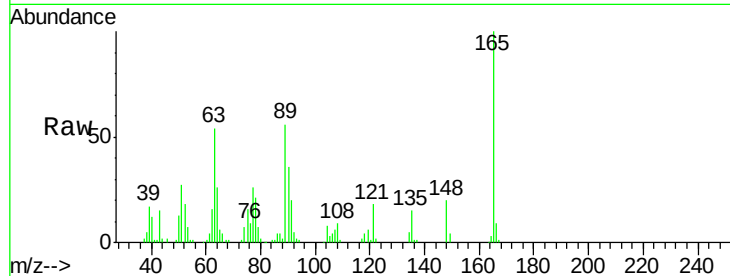




#51
 2,6-Dinitrotoluene
 Concen: 36.492 ng
 RT: 14.35 min Scan# 1916
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

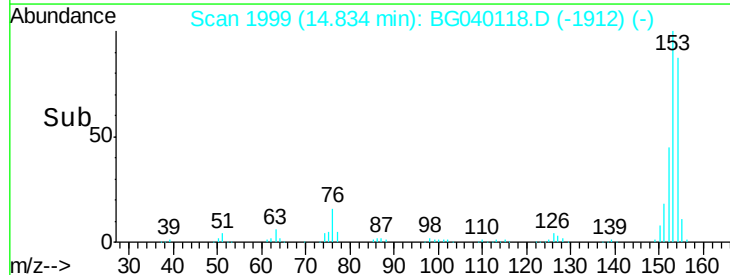
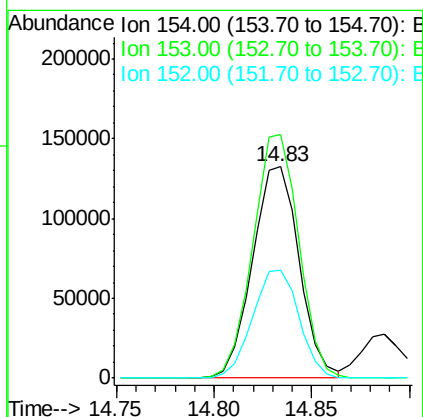
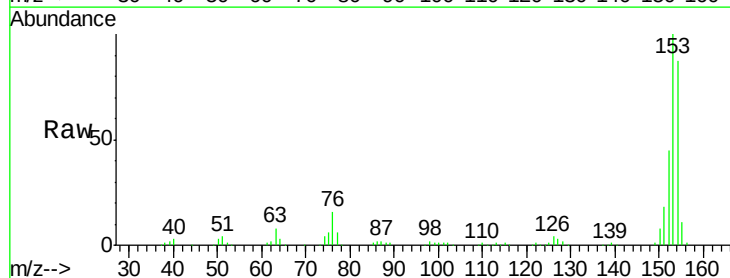
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BSD

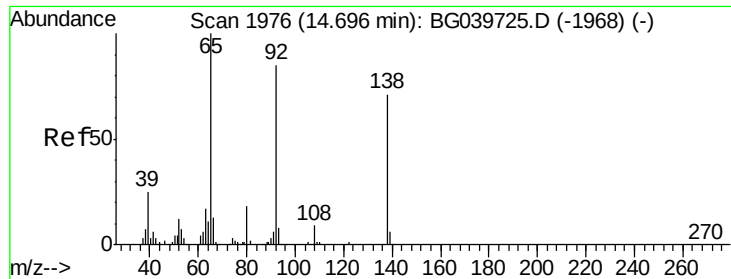
Tgt Ion:165 Resp: 68246
 Ion Ratio Lower Upper
 165 100
 63 54.1 47.0 70.6
 89 56.5 45.8 68.8



#52
 Acenaphthene
 Concen: 34.040 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Tgt Ion:154 Resp: 219550
 Ion Ratio Lower Upper
 154 100
 153 115.3 90.1 135.1
 152 51.4 40.9 61.3

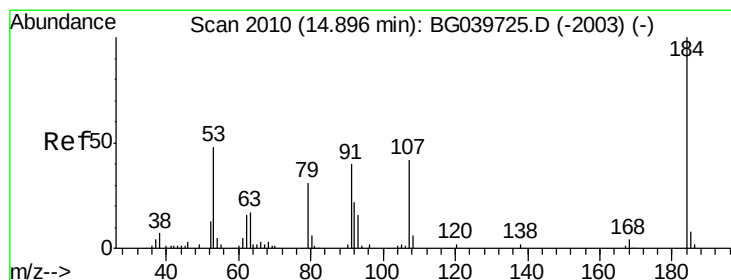
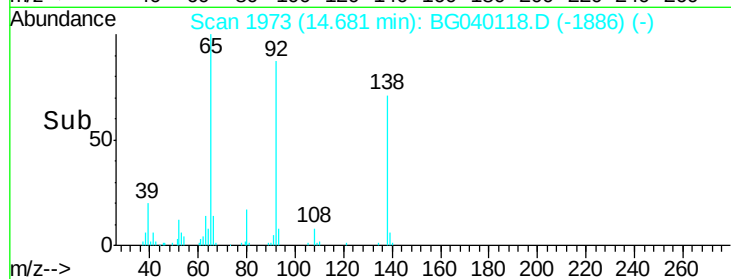
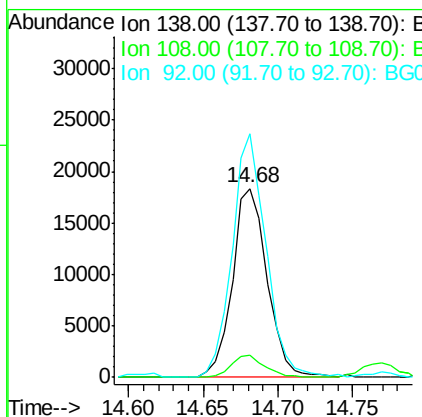
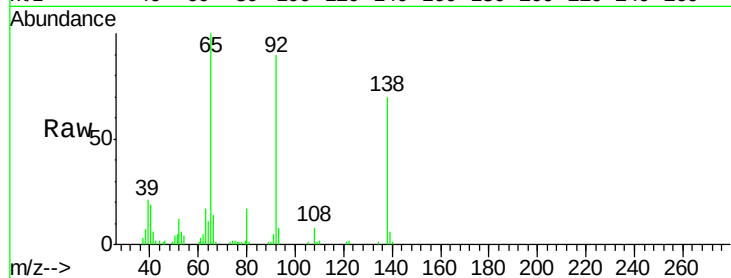




#53
3-Nitroaniline
Concen: 15.807 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

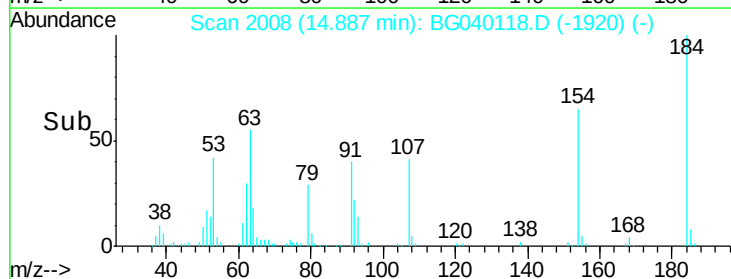
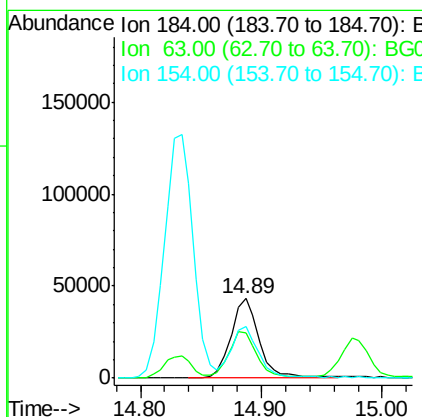
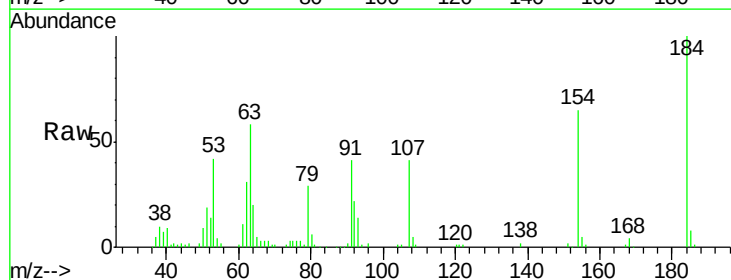
Instrument :
BNA_G
ClientSampleId :
PB118232BSD

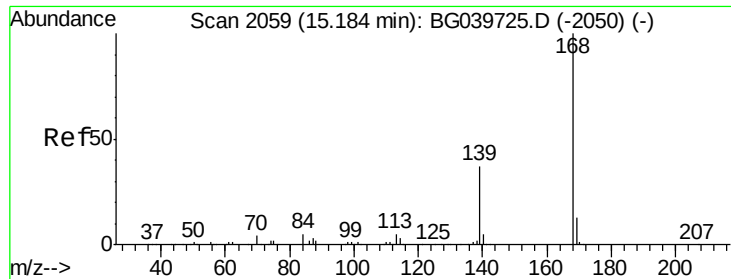
Tgt Ion:138 Resp: 29716
Ion Ratio Lower Upper
138 100
108 11.9 13.8 20.8#
92 129.1 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 61.114 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion:184 Resp: 70511
Ion Ratio Lower Upper
184 100
63 57.7 50.9 76.3
154 64.5 53.0 79.6





#55

Dibenzenofuran

Concen: 35.032 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

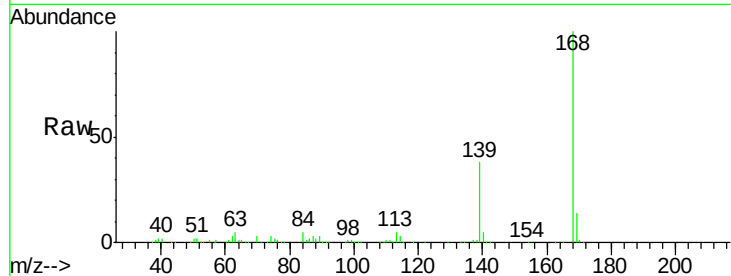
Tgt Ion:168 Resp: 370714

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

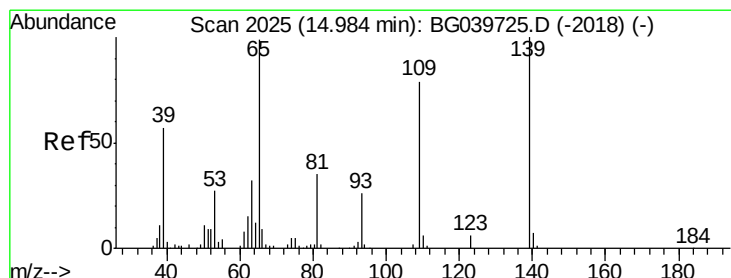
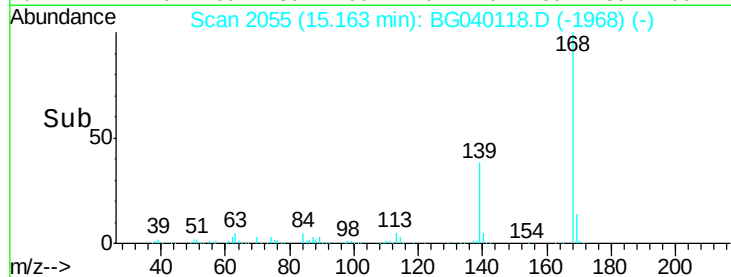
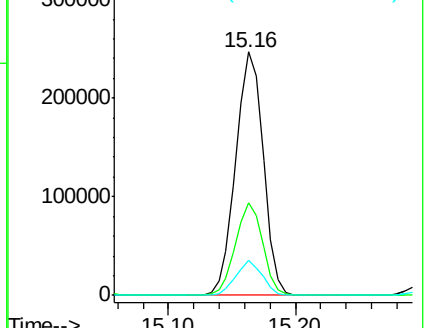
169 14.4 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 69.396 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

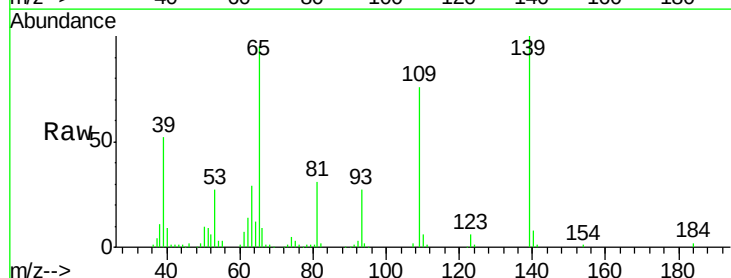
Tgt Ion:139 Resp: 116705

Ion Ratio Lower Upper

139 100

109 75.9 61.9 101.9

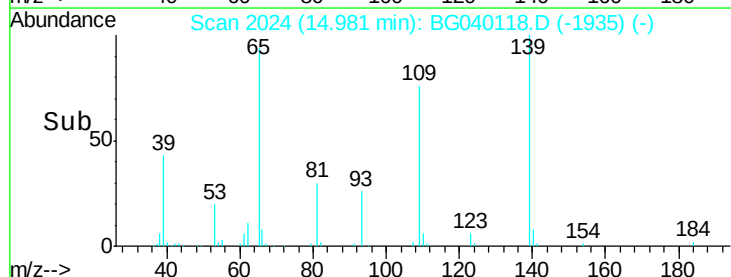
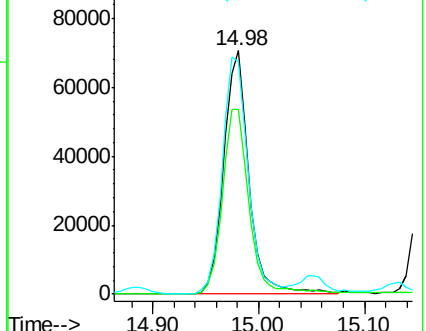
65 95.4 99.1 139.1#

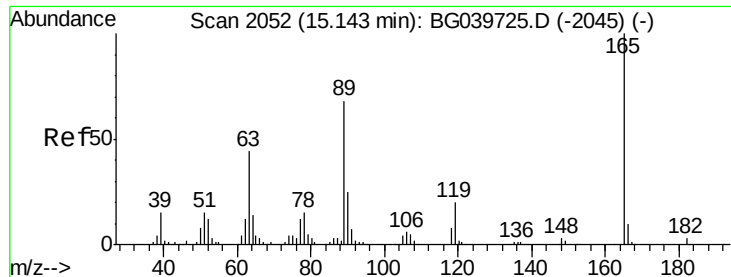


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

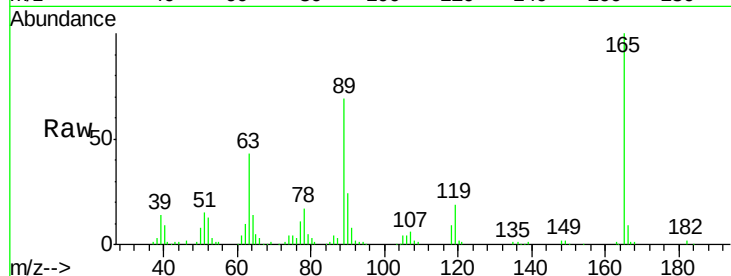




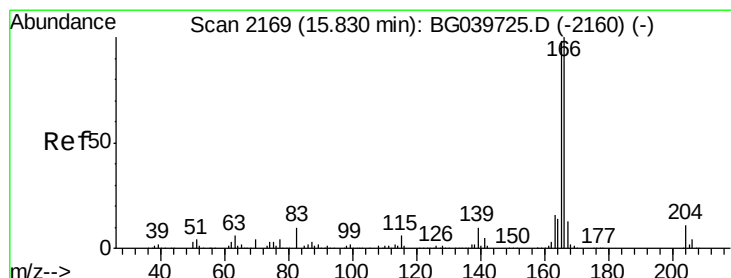
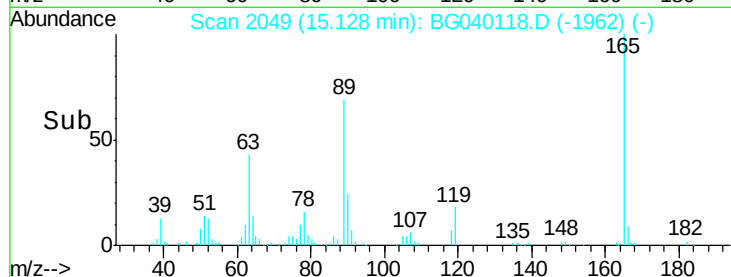
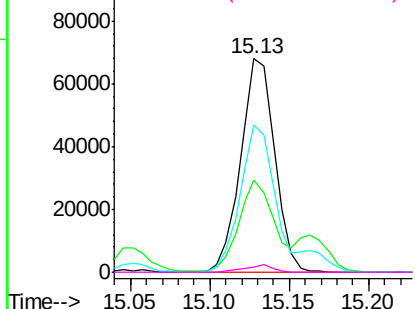
#57
 2,4-Dinitrotoluene
 Concen: 38.562 ng
 RT: 15.13 min Scan# 2049
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BSD

Tgt Ion:	165	Resp:	101334
Ion	Ratio	Lower	Upper
165	100		
63	43.3	41.0	61.6
89	68.8	64.6	96.8
182	2.5	2.0	3.0

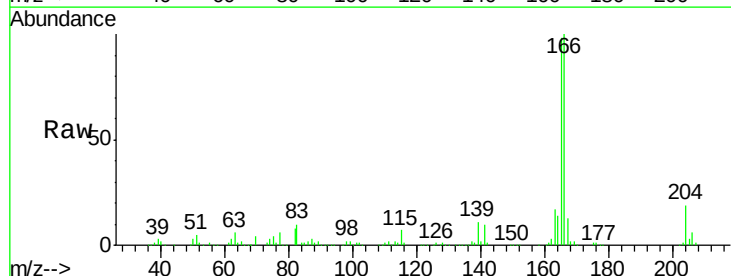


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

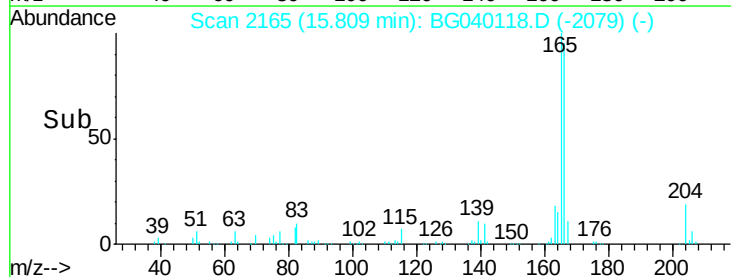
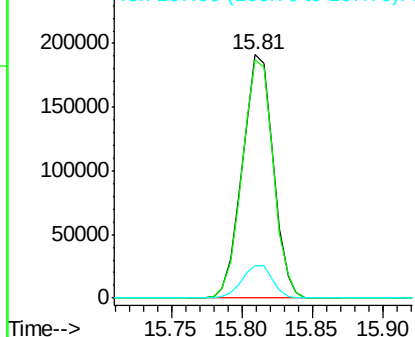


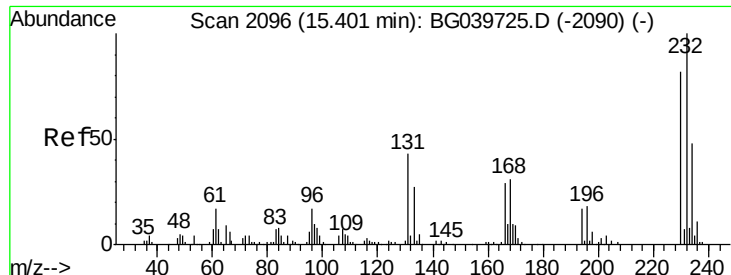
#58
 Fluorene
 Concen: 35.275 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.03 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Tgt Ion:	166	Resp:	293453
Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.9	116.9
167	13.5	10.8	16.2



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

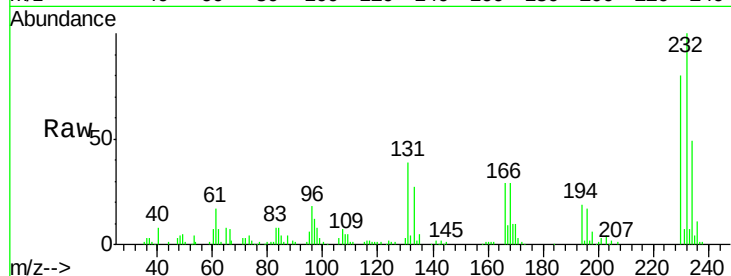




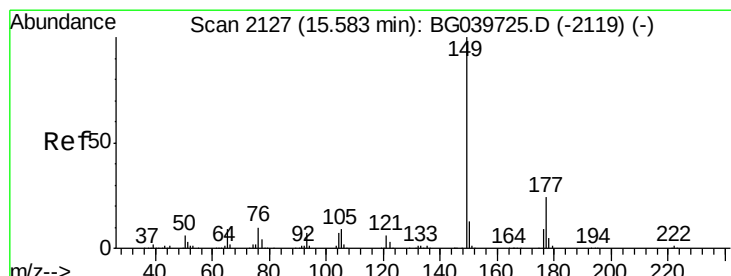
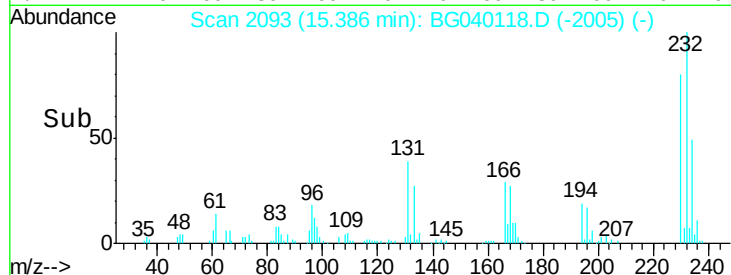
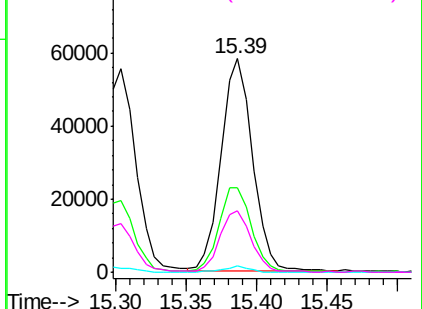
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.196 ng
 RT: 15.39 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Instrument :
 BNA_G
 ClientSampleId :
 PB118232BSD

Tgt Ion:	232	Resp:	90286
Ion	Ratio	Lower	Upper
232	100		
131	41.9	34.9	52.3
130	2.3	2.0	3.0
166	29.1	24.1	36.1

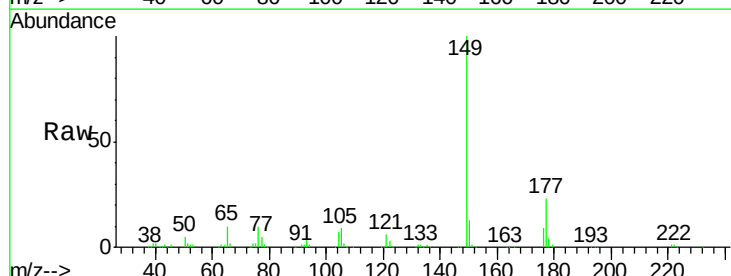


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

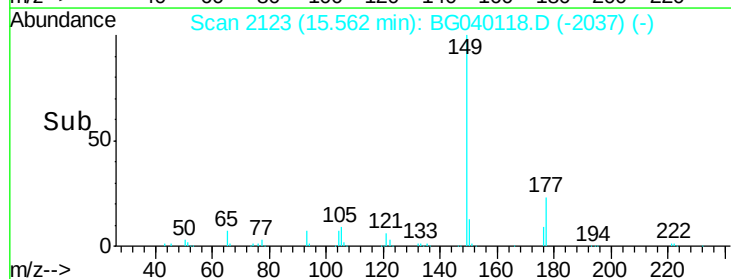
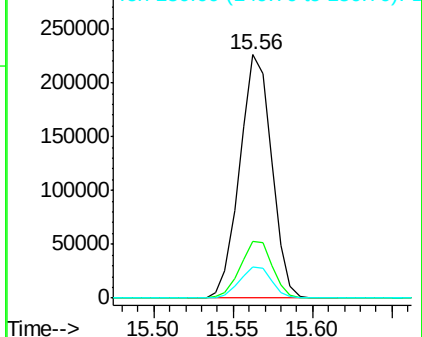


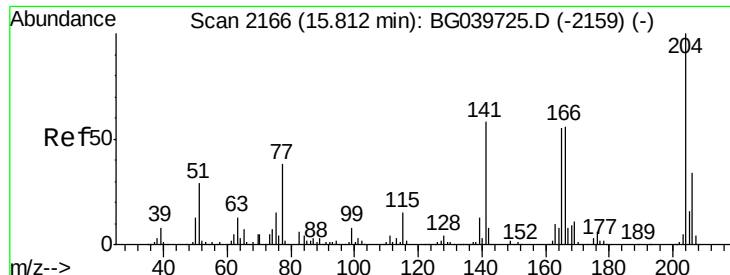
#60
 Diethylphthalate
 Concen: 36.186 ng
 RT: 15.56 min Scan# 2123
 Delta R.T. -0.03 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Tgt Ion:	149	Resp:	316008
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.8	10.2	15.2



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

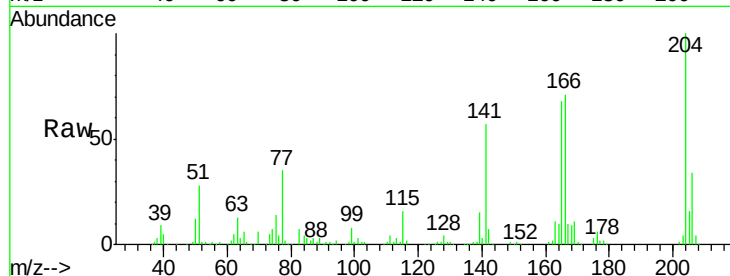




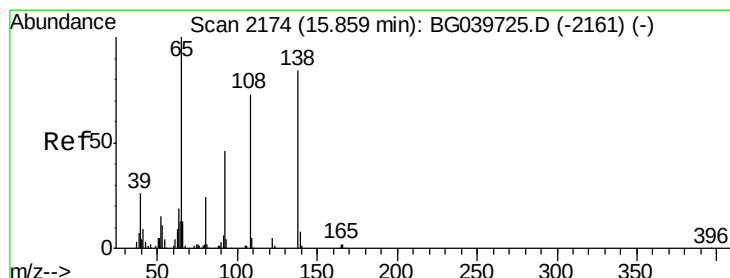
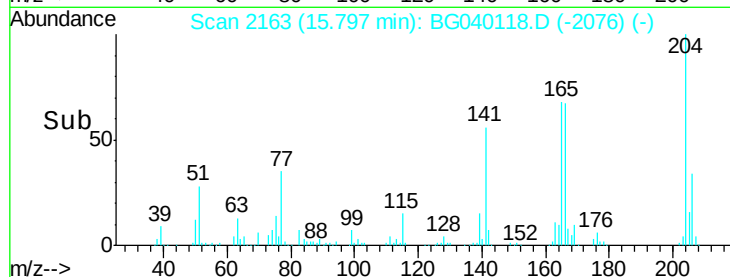
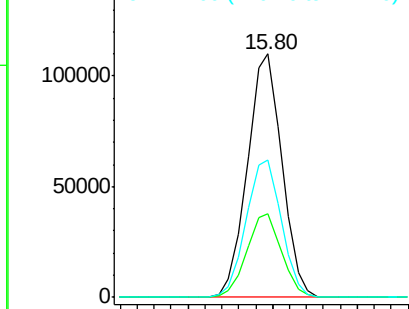
#61
4-Chlorophenyl-phenylether
Concen: 35.259 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Instrument :
BNA_G
ClientSampleId :
PB118232BSD

Tgt Ion: 204 Resp: 156522
Ion Ratio Lower Upper
204 100
206 34.3 29.2 43.8
141 56.7 49.0 73.4

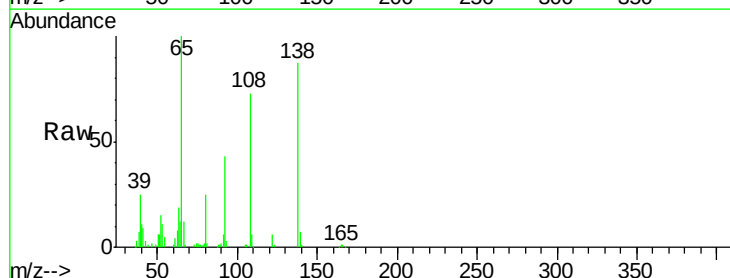


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

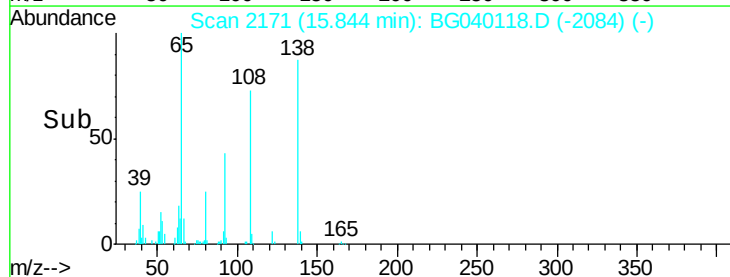
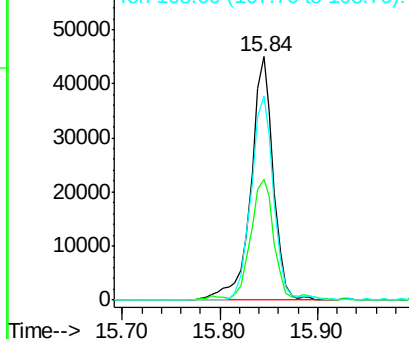


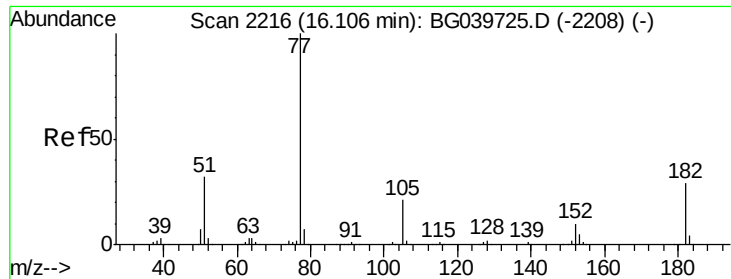
#62
4-Nitroaniline
Concen: 35.445 ng
RT: 15.84 min Scan# 2171
Delta R.T. -0.02 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion: 138 Resp: 72239
Ion Ratio Lower Upper
138 100
92 49.7 38.7 78.7
108 83.9 74.6 114.6



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: 35.493 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

Tgt Ion: 77 Resp: 280971

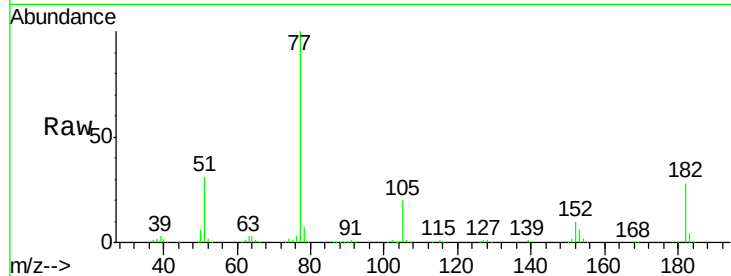
Ion Ratio Lower Upper

77 100

182 27.6 6.4 46.4

105 20.1 0.0 39.8

51 30.6 14.1 54.1

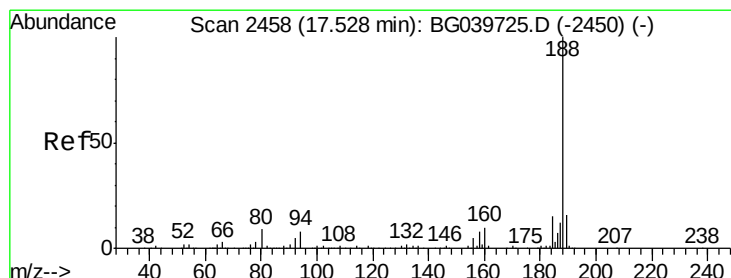
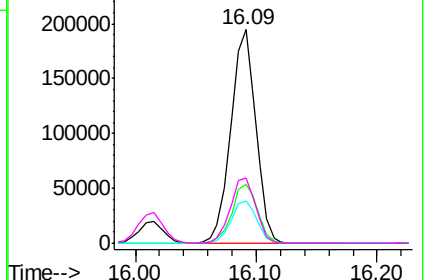
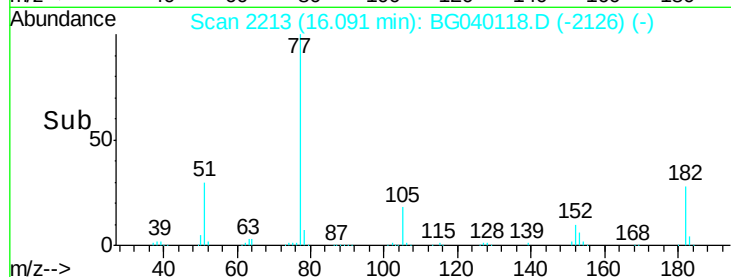


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

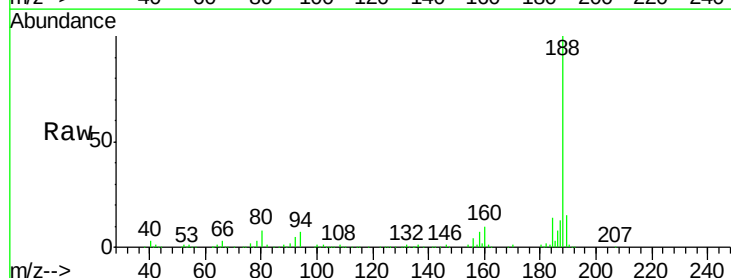
Tgt Ion: 188 Resp: 273770

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

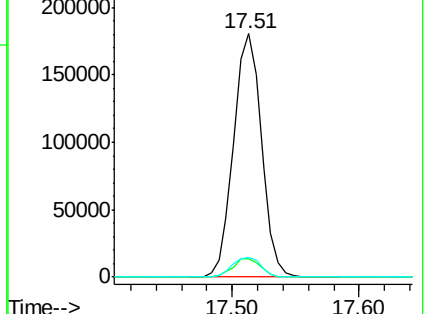
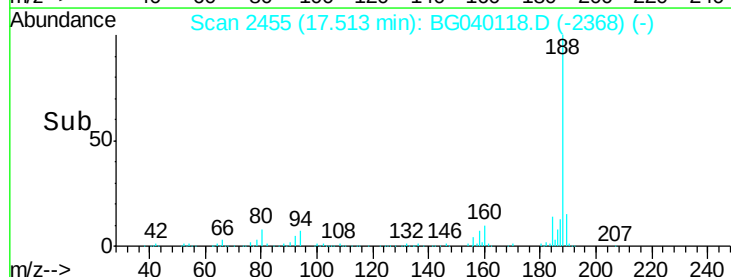
80 8.0 8.1 12.1#

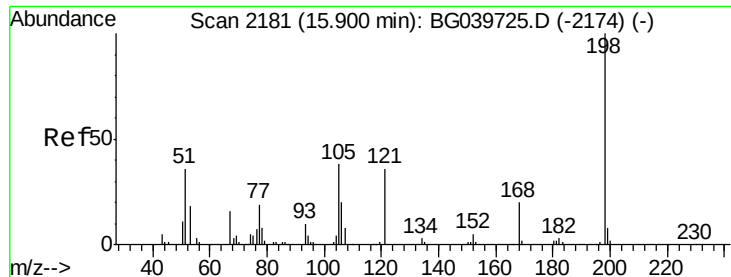


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 35.532 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

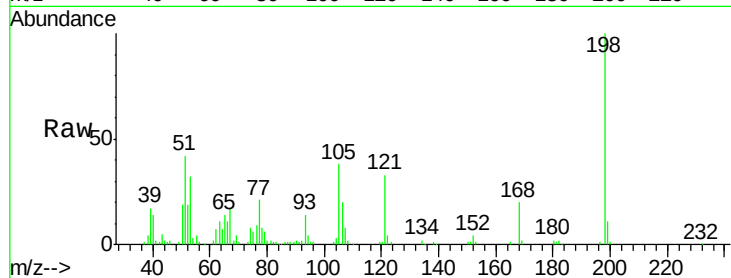
Tgt Ion:198 Resp: 57516

Ion Ratio Lower Upper

198 100

51 41.9 27.4 67.4

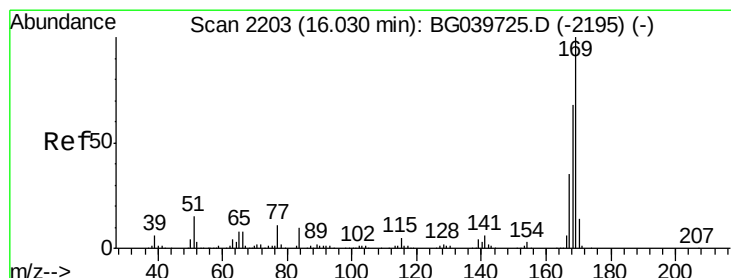
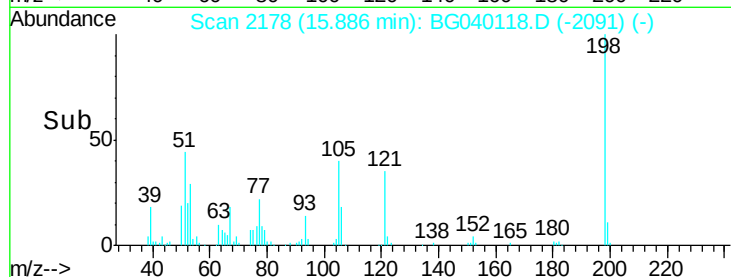
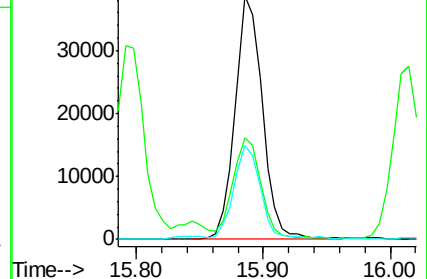
105 38.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 35.079 ng

RT: 16.01 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

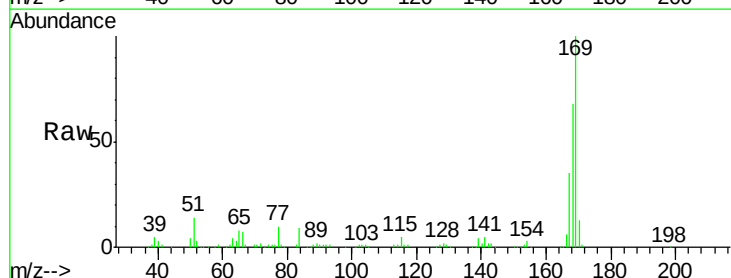
Tgt Ion:169 Resp: 278025

Ion Ratio Lower Upper

169 100

168 68.0 56.6 85.0

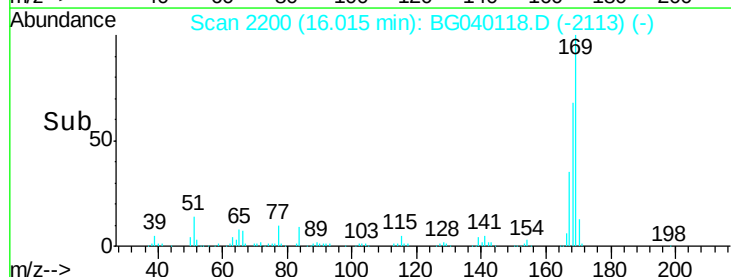
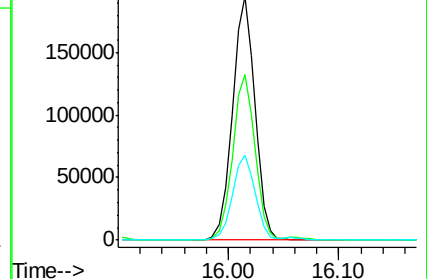
167 35.0 28.8 43.2

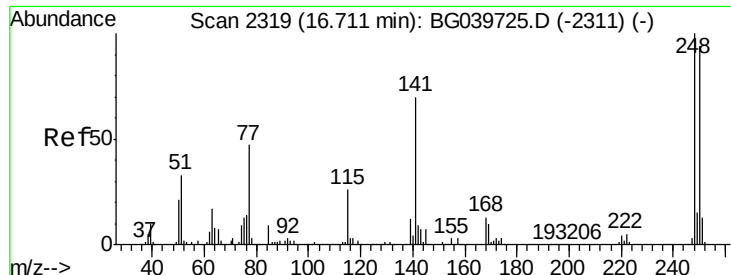


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

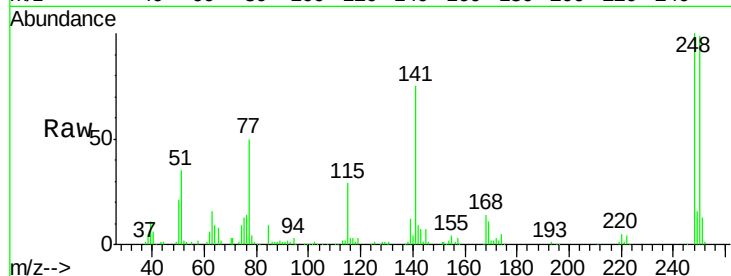




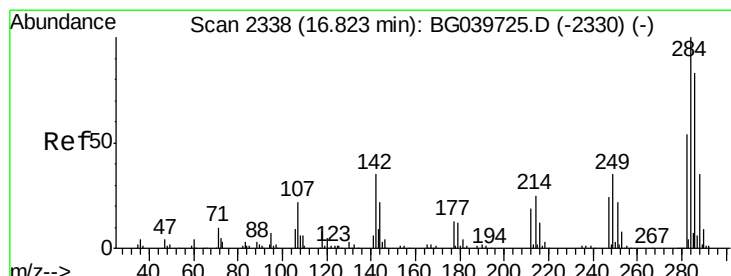
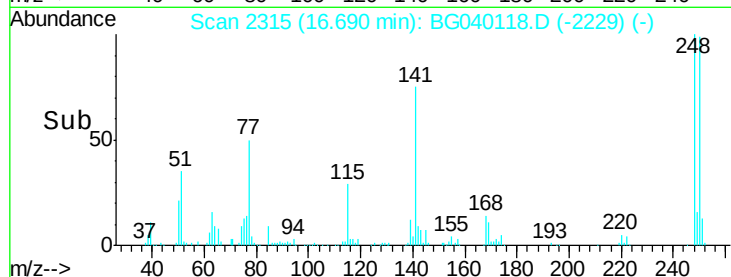
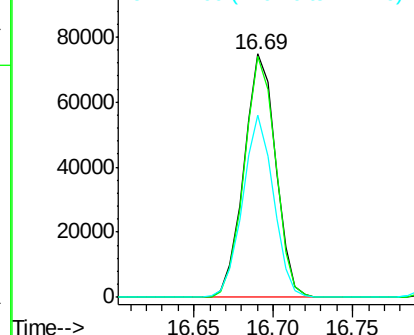
#67
4-Bromophenyl-phenylether
Concen: 33.830 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.03 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Instrument :
BNA_G
ClientSampleId :
PB118232BSD

Tgt Ion:248 Resp: 103669
Ion Ratio Lower Upper
248 100
250 98.8 77.6 116.4
141 74.7 63.9 95.9

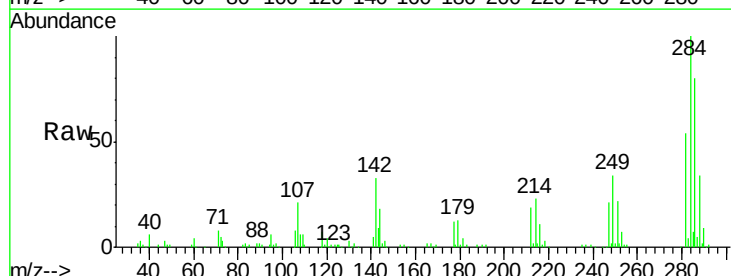


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

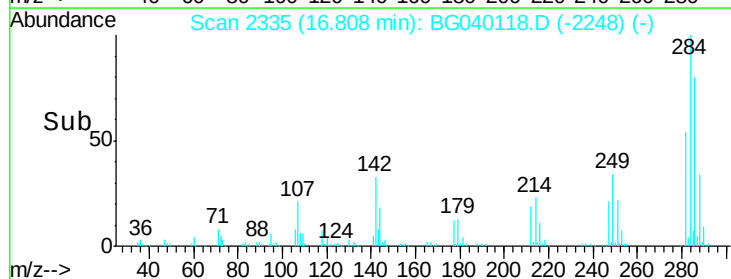
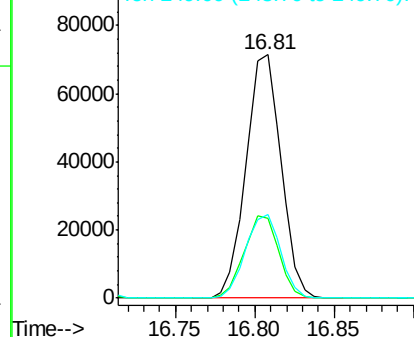


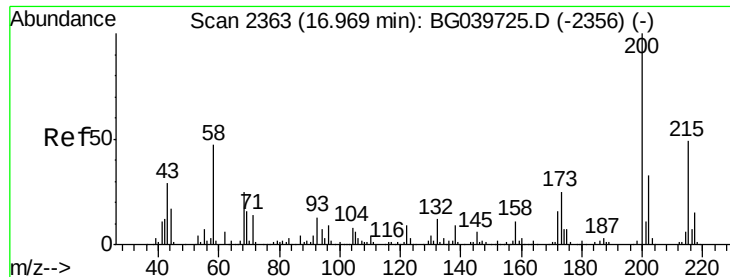
#68
Hexachlorobenzene
Concen: 34.569 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion:284 Resp: 109806
Ion Ratio Lower Upper
284 100
142 32.7 30.6 45.8
249 34.3 28.2 42.2



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





#69

Atrazine

Concen: 36.699 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

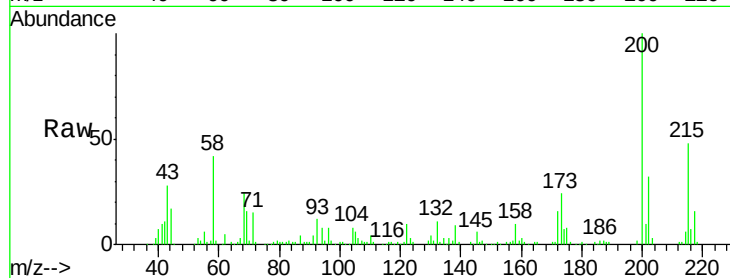
Tgt Ion:200 Resp: 114473

Ion Ratio Lower Upper

200 100

173 24.4 3.9 43.9

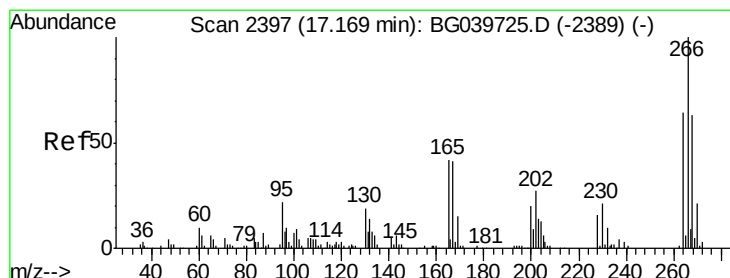
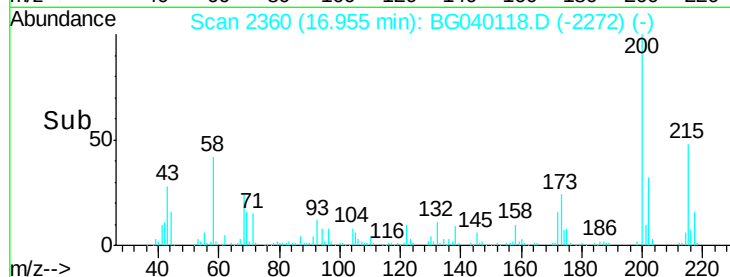
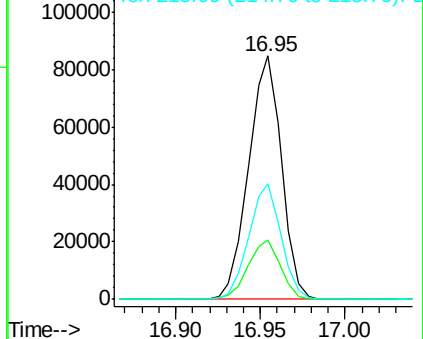
215 47.6 30.9 70.9



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: 66.200 ng

RT: 17.15 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

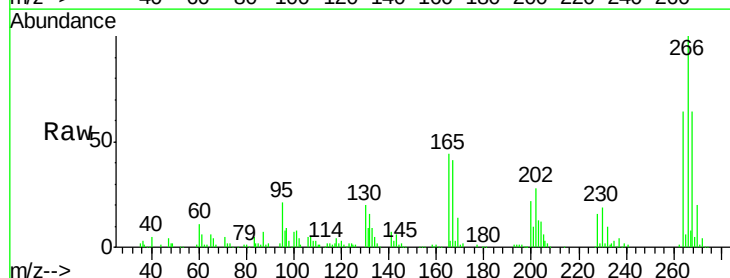
Tgt Ion:266 Resp: 132804

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

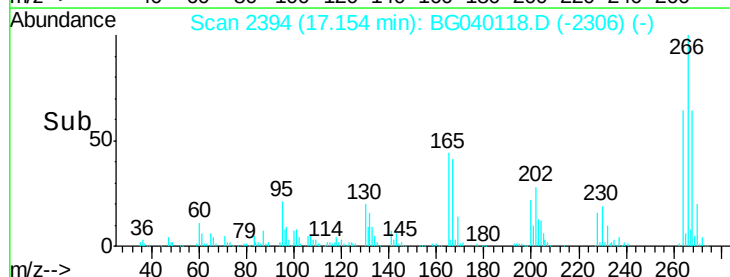
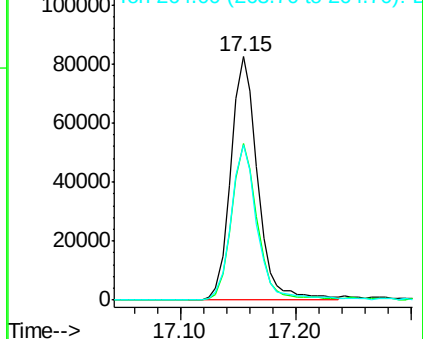
264 63.8 52.1 78.1

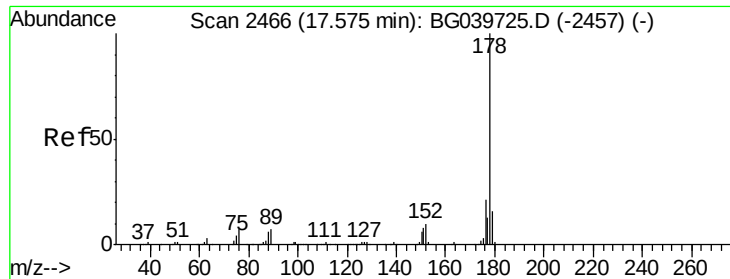


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 34.318 ng

RT: 17.55 min Scan# 2462

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

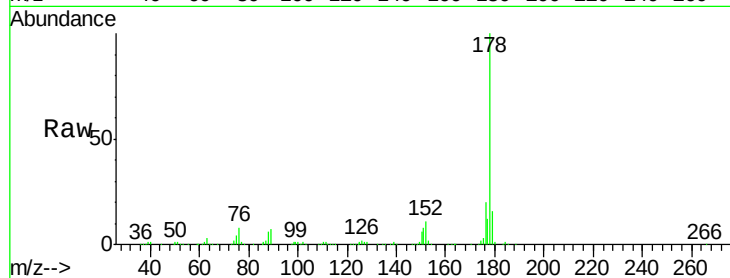
Tgt Ion:178 Resp: 517497

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.4

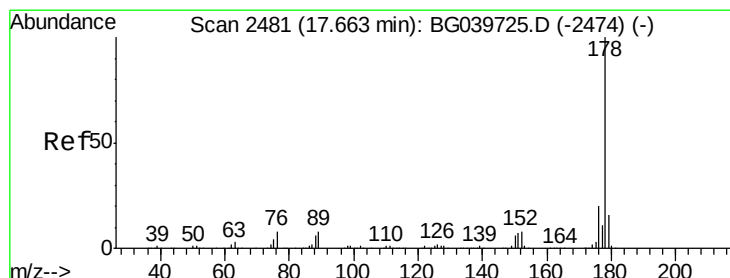
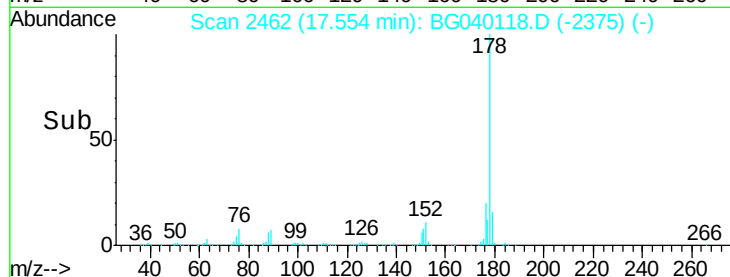
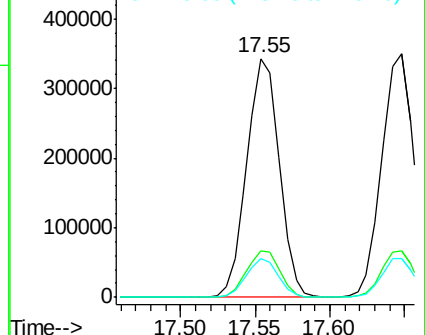
179 16.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 35.945 ng

RT: 17.65 min Scan# 2478

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

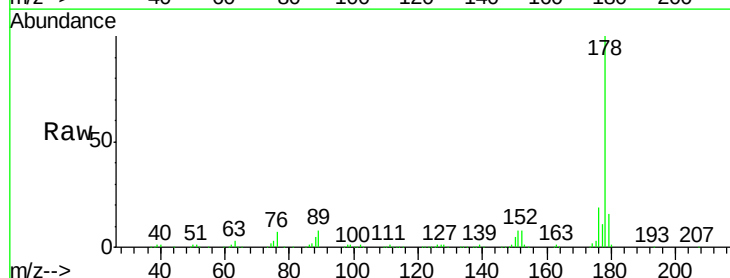
Tgt Ion:178 Resp: 528213

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

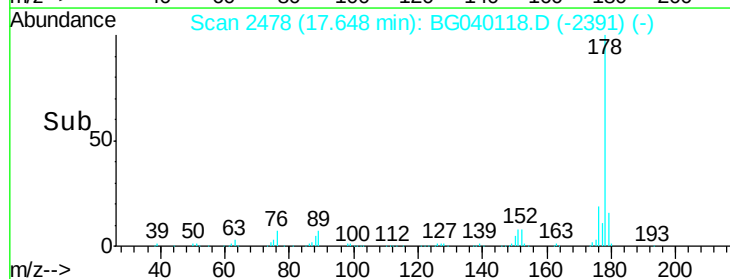
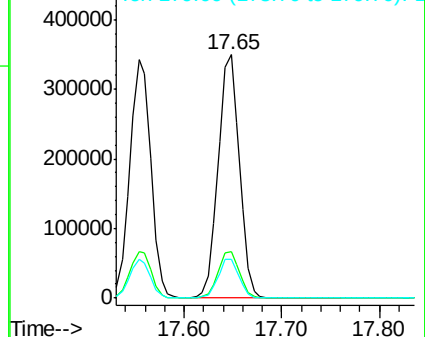
179 15.8 12.5 18.7

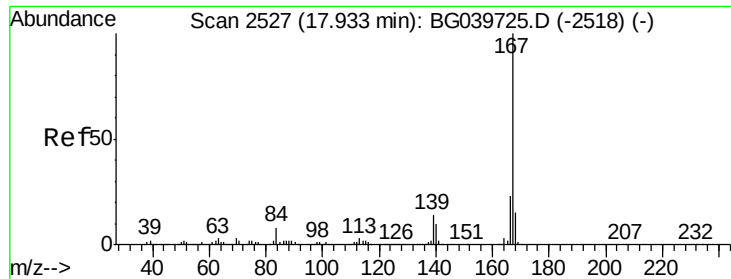


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

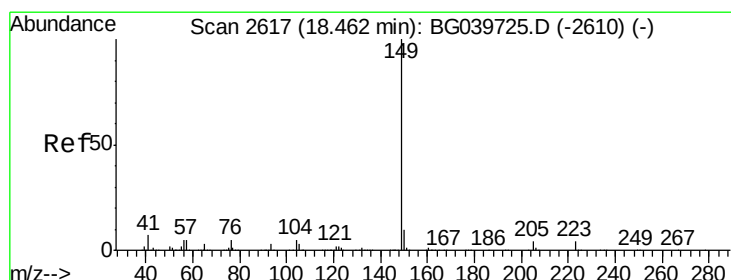
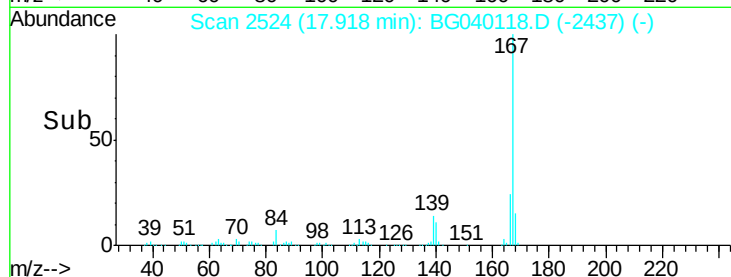
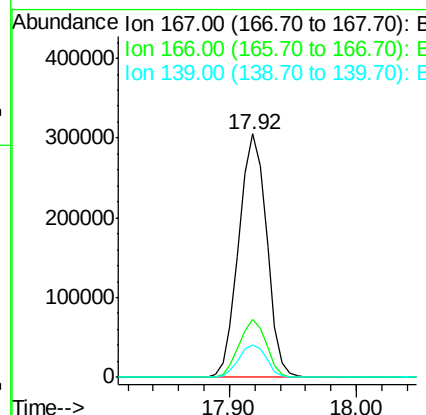
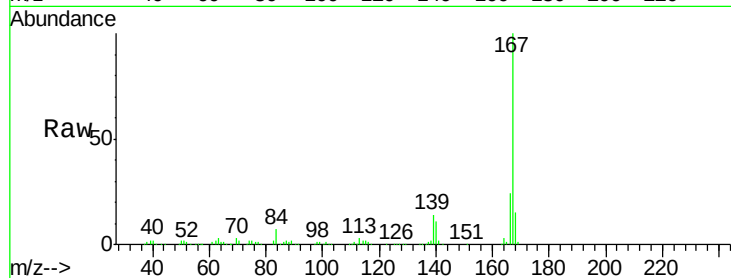




#73
 Carbazole
 Concen: 34.980 ng
 RT: 17.92 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

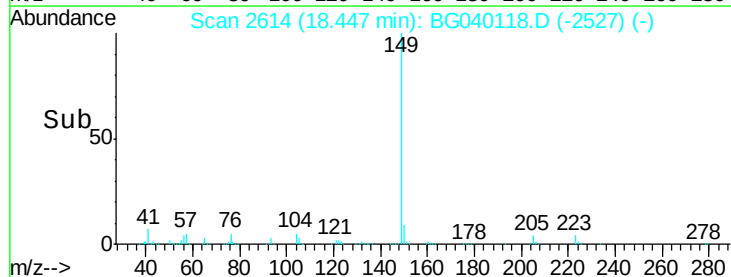
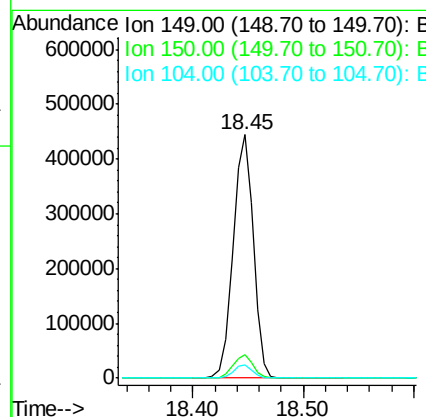
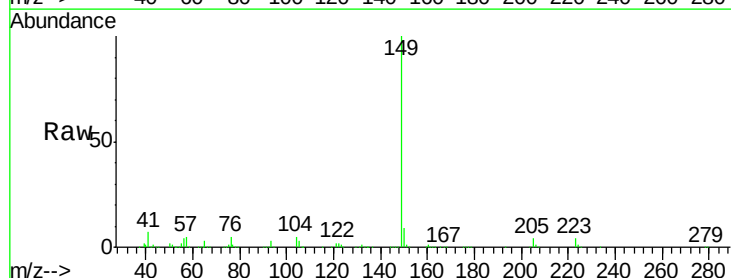
Instrument :
 BNA_G
 ClientSampleId :
 PB118232BSD

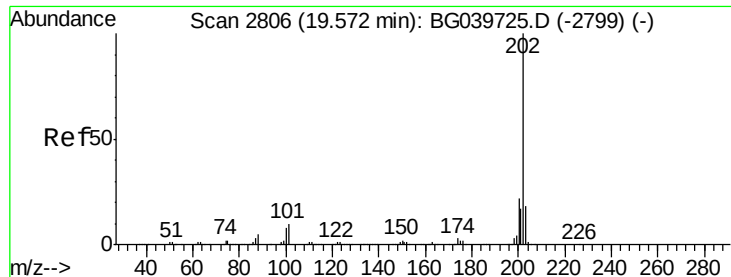
Tgt Ion:167 Resp: 463398
 Ion Ratio Lower Upper
 167 100
 166 23.7 19.4 29.2
 139 13.5 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 36.482 ng
 RT: 18.45 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040118.D
 Acq: 25 Mar 2019 15:32

Tgt Ion:149 Resp: 568640
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 35.317 ng

RT: 19.56 min Scan# 2803

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

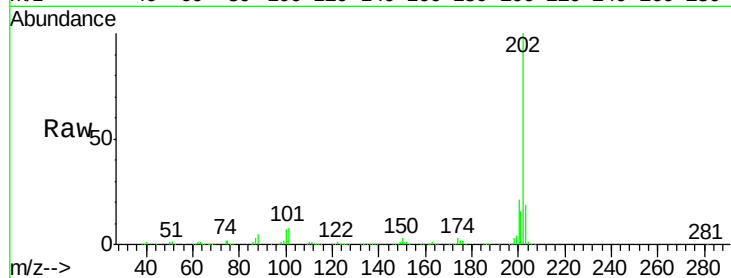
Tgt Ion:202 Resp: 629402

Ion Ratio Lower Upper

202 100

101 8.2 0.0 30.0

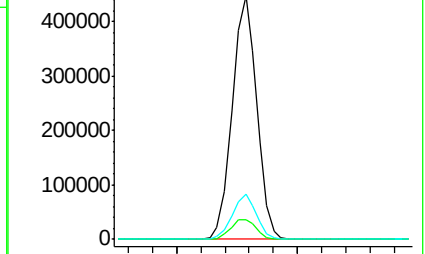
203 18.5 0.0 38.9



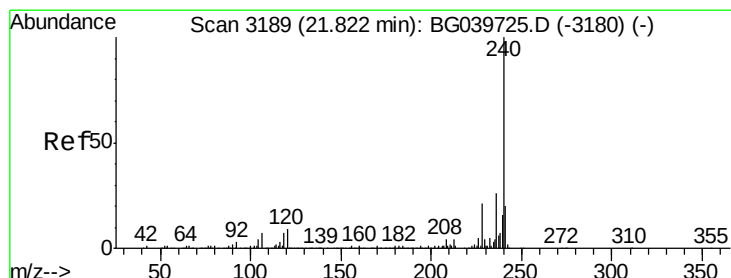
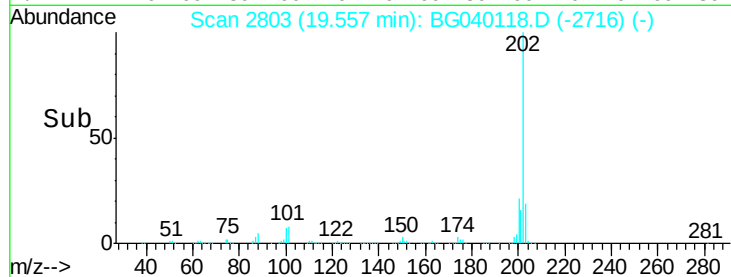
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

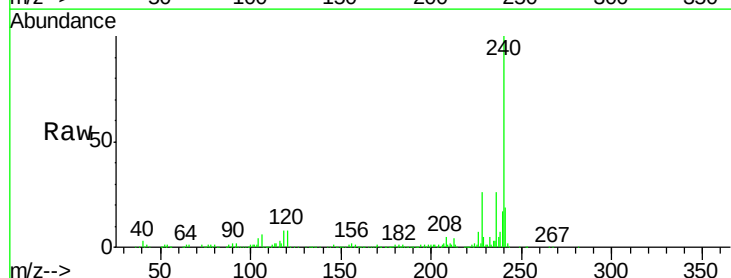
Tgt Ion:240 Resp: 273101

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

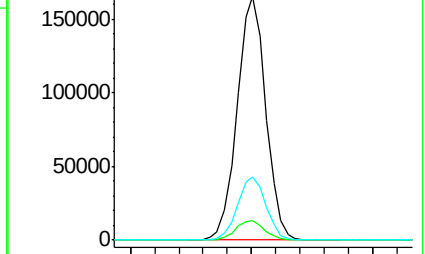
236 26.0 21.0 31.4



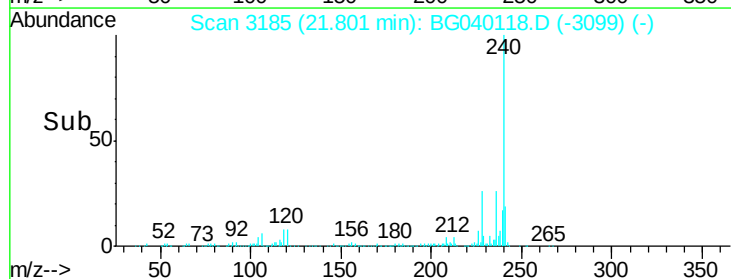
Abundance Ion 240.00 (239.70 to 240.70): E

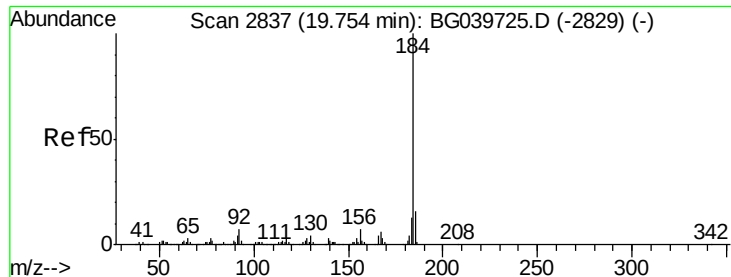
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 14.750 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

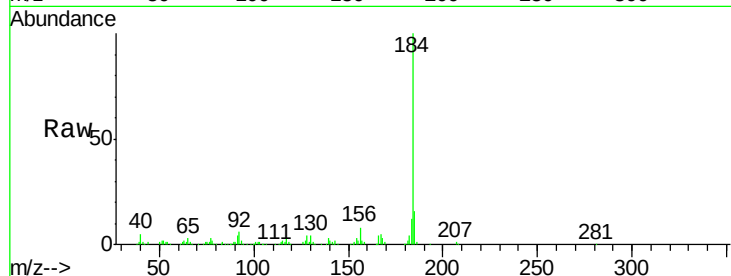
Tgt Ion:184 Resp: 127829

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

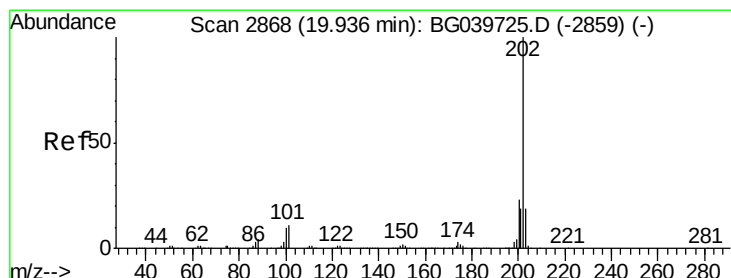
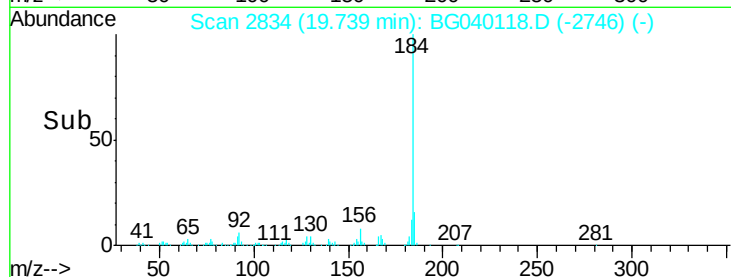
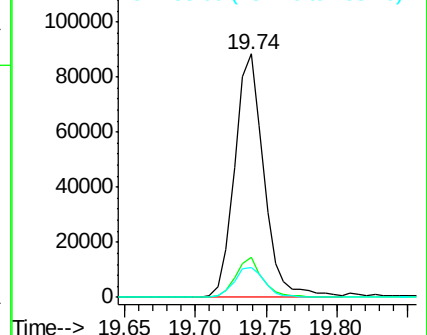
183 12.1 10.6 15.8



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: 35.594 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

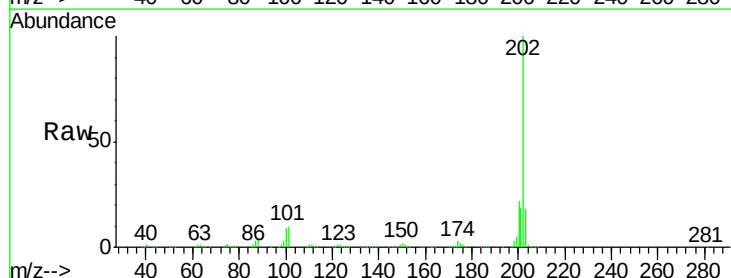
Tgt Ion:202 Resp: 631660

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

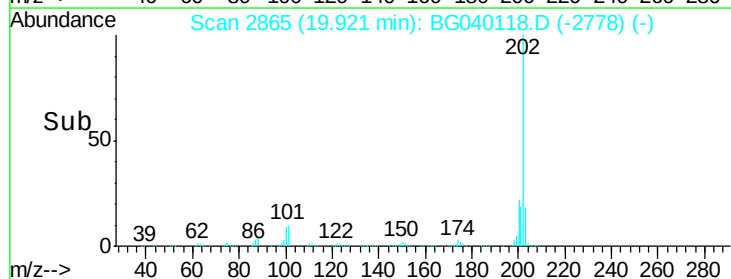
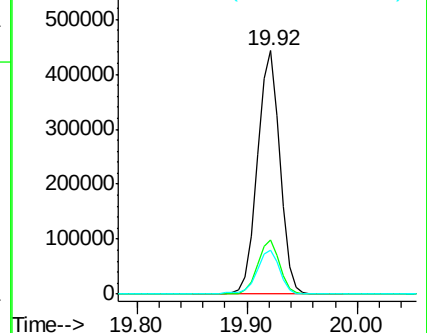
203 18.1 15.3 22.9

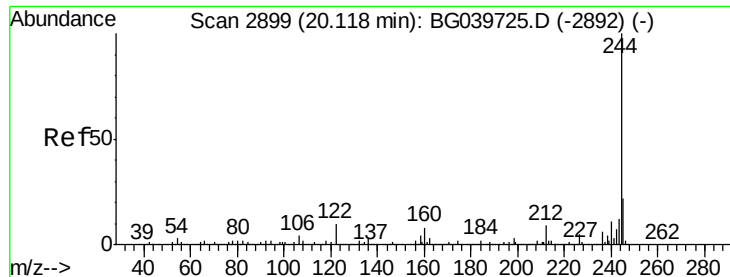


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 73.483 ng

RT: 20.10 min Scan# 2896

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

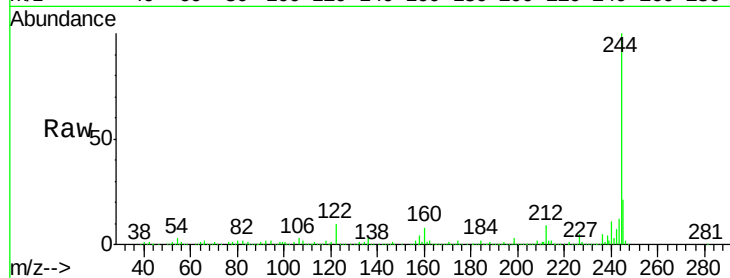
Tgt Ion:244 Resp: 911451

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

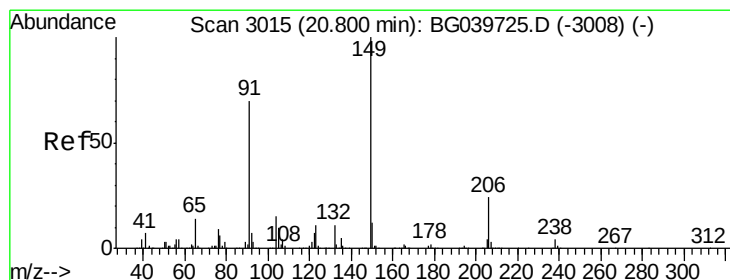
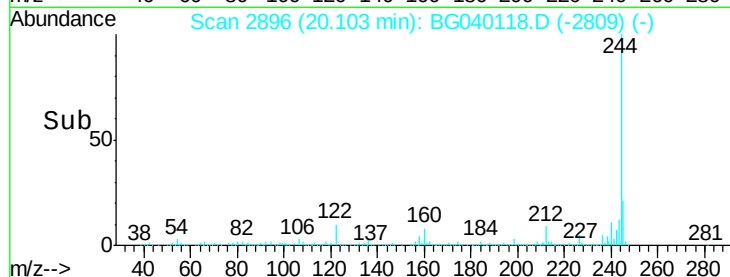
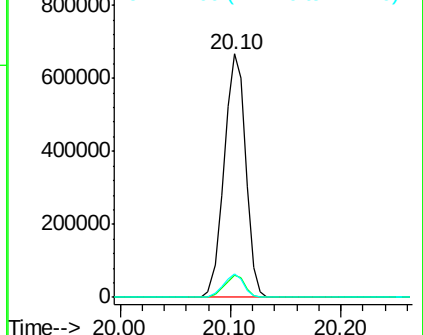
122 9.6 8.4 12.6



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: 36.565 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

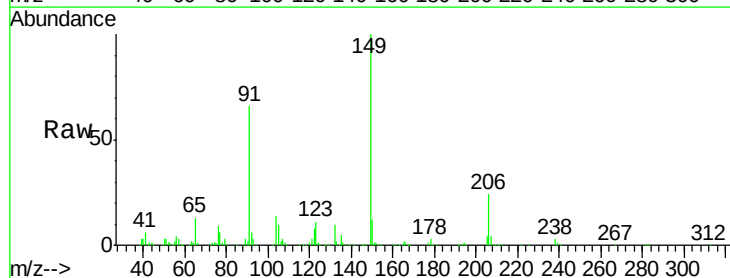
Tgt Ion:149 Resp: 251401

Ion Ratio Lower Upper

149 100

91 66.5 59.5 89.3

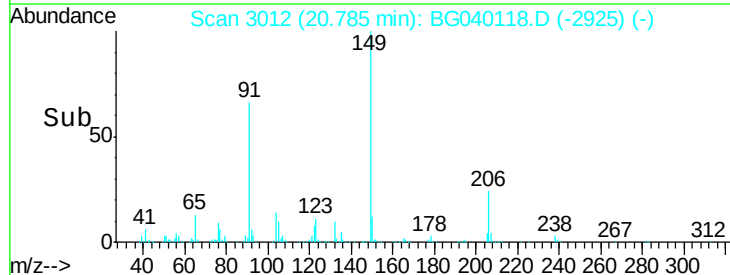
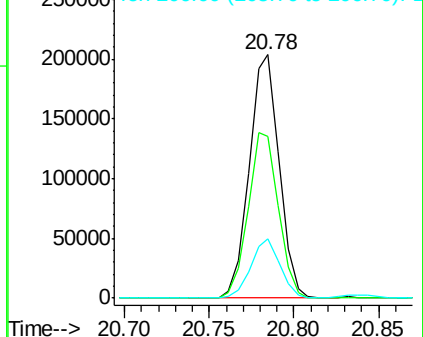
206 24.5 18.6 27.8

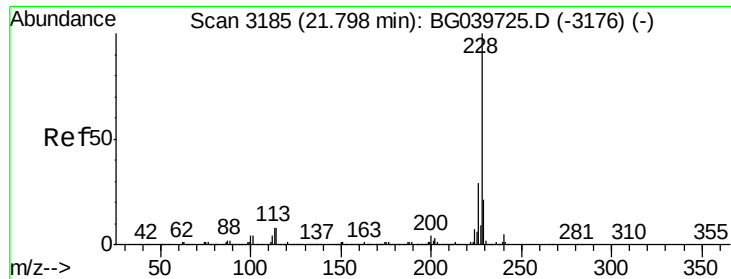


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 34.410 ng

RT: 21.78 min Scan# 3181

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

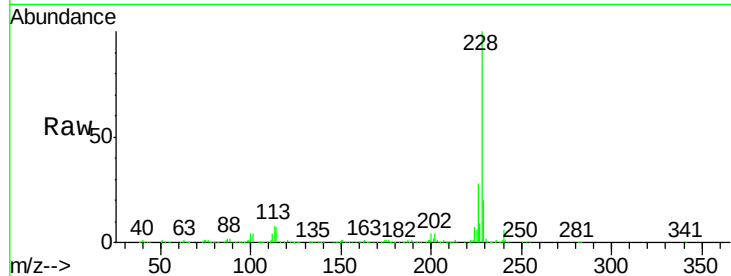
Tgt Ion:228 Resp: 588955

Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.6

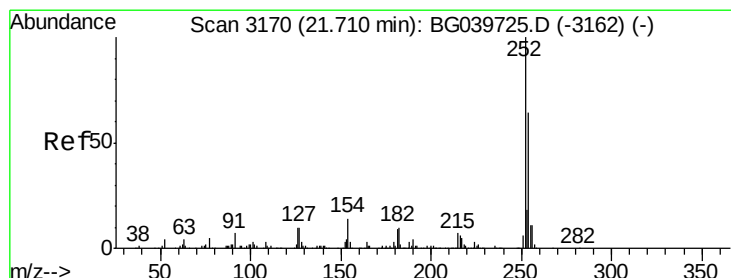
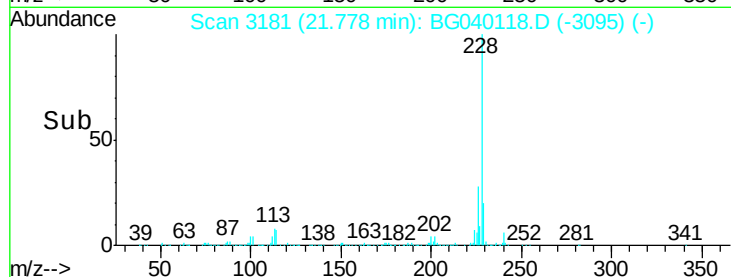
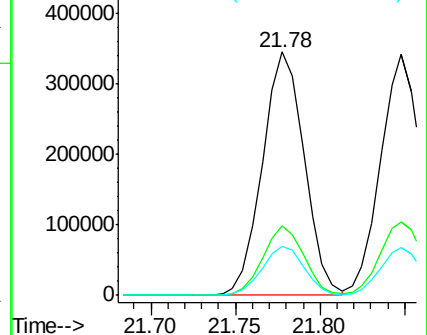
229 20.0 16.9 25.3



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: 17.073 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

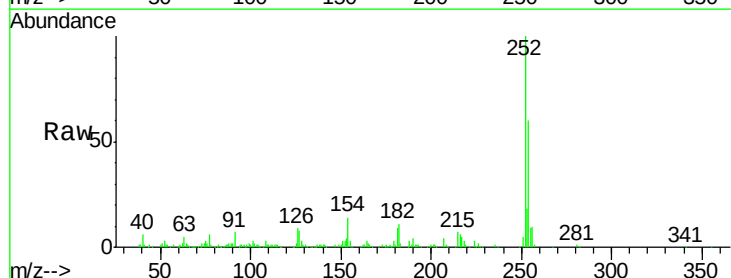
Tgt Ion:252 Resp: 106690

Ion Ratio Lower Upper

252 100

254 60.5 51.3 76.9

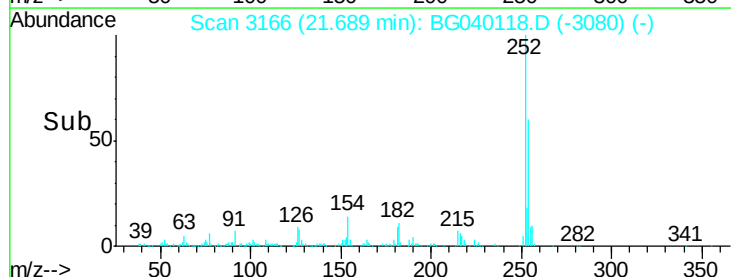
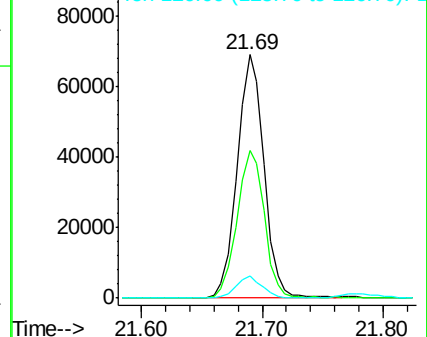
126 9.2 8.0 12.0

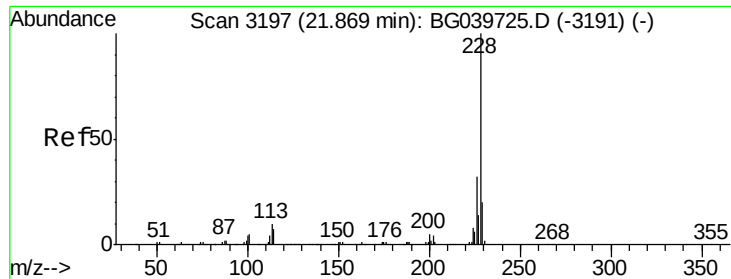


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 34.061 ng

RT: 21.85 min Scan# 3193

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

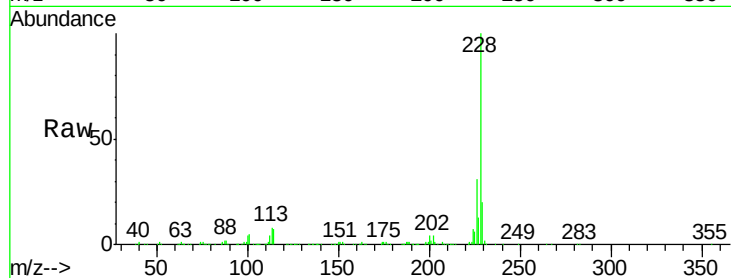
Tgt Ion:228 Resp: 565195

Ion Ratio Lower Upper

228 100

226 30.7 25.8 38.6

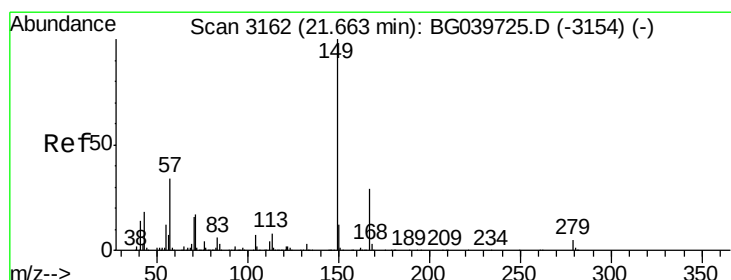
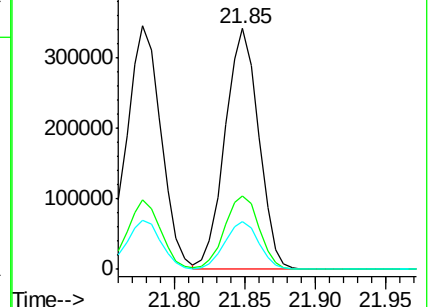
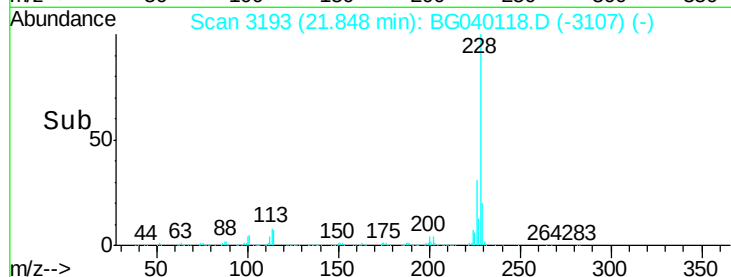
229 19.8 16.6 25.0



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: 36.235 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.03 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

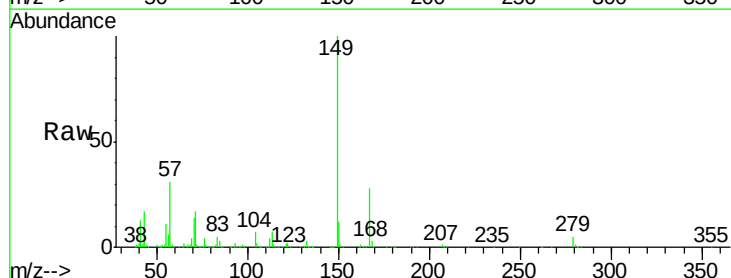
Tgt Ion:149 Resp: 350083

Ion Ratio Lower Upper

149 100

167 28.1 22.6 34.0

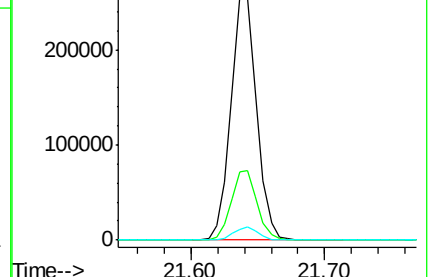
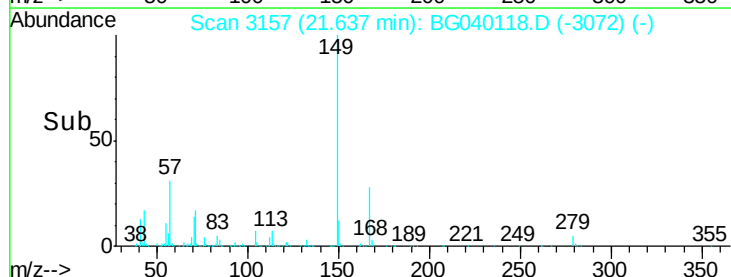
279 4.6 3.5 5.3

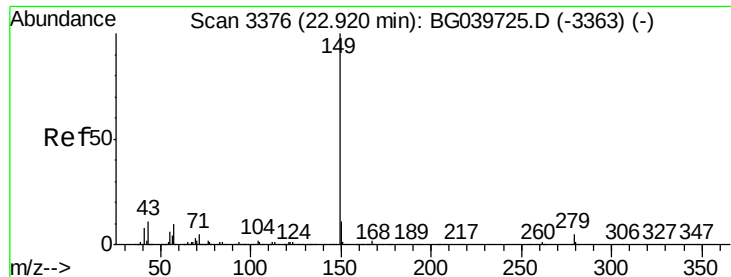


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

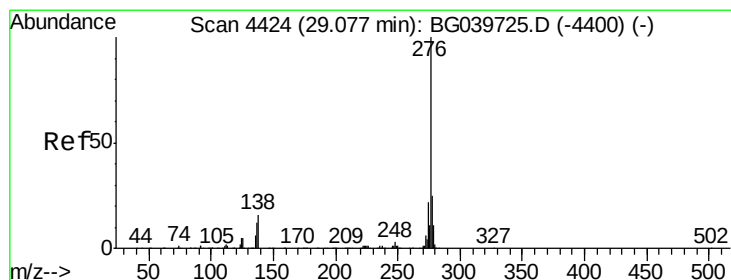
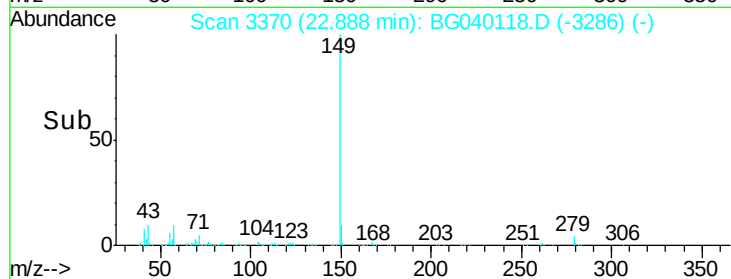
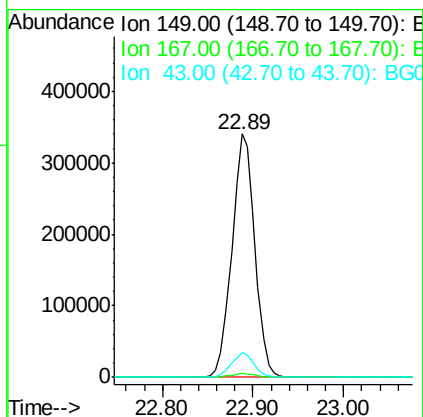
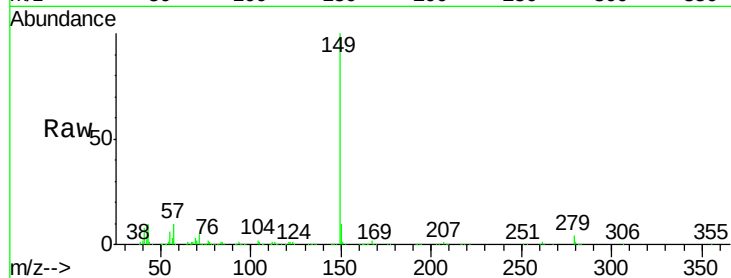




#85
Di-n-octyl phthalate
Concen: 37.246 ng
RT: 22.89 min Scan# 3370
Delta R.T. -0.04 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

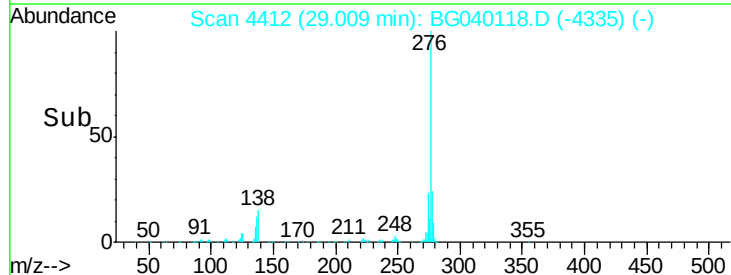
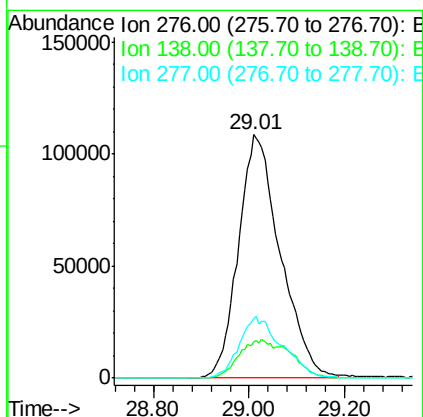
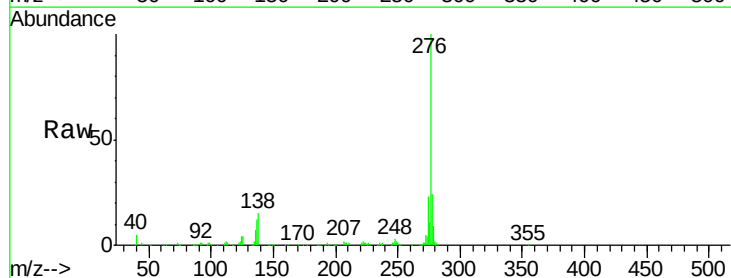
Instrument :
BNA_G
ClientSampleId :
PB118232BSD

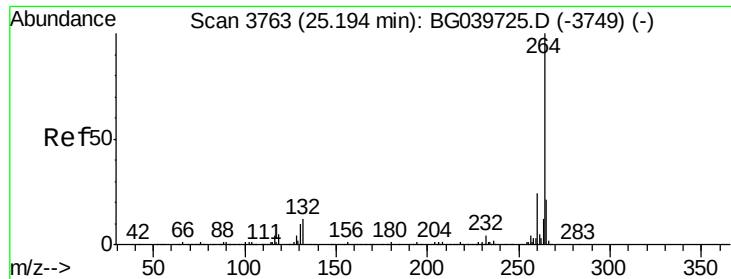
Tgt Ion:149 Resp: 595840
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 10.0 10.2 15.4#



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.920 ng
RT: 29.01 min Scan# 4412
Delta R.T. -0.08 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion:276 Resp: 657357
Ion Ratio Lower Upper
276 100
138 7.9 12.6 19.0#
277 25.8 20.8 31.2

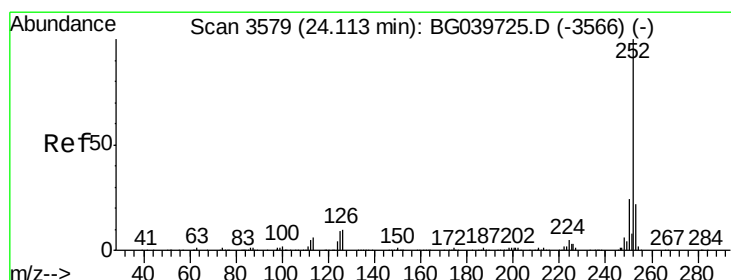
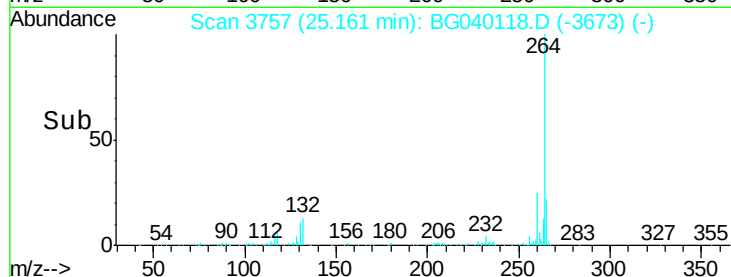
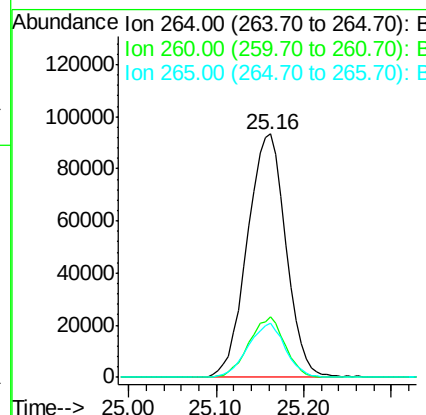
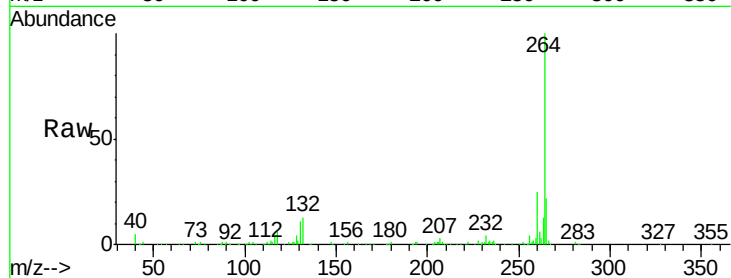




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.16 min Scan# 3757
Delta R.T. -0.04 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

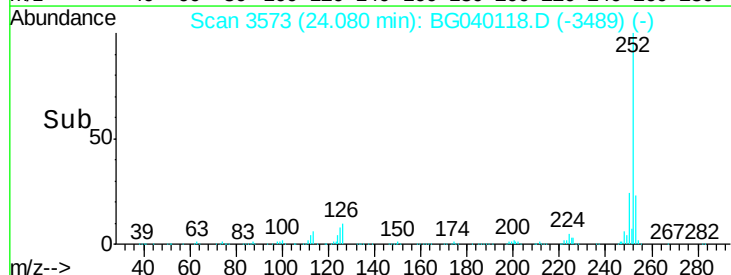
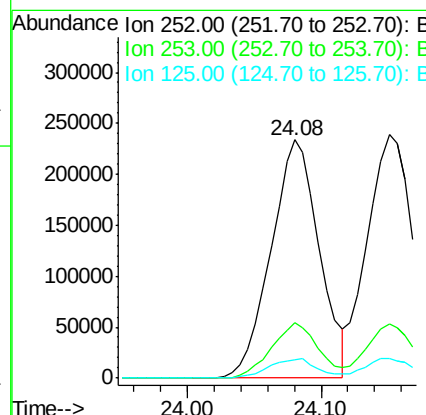
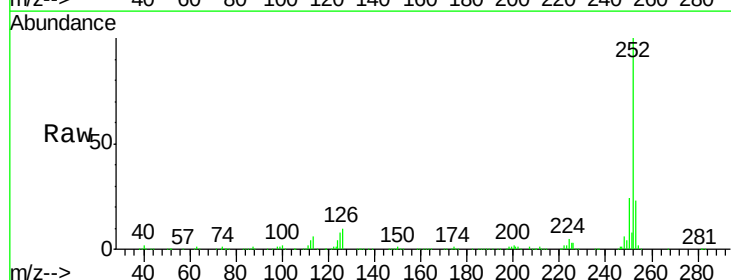
Instrument :
BNA_G
ClientSampleId :
PB118232BSD

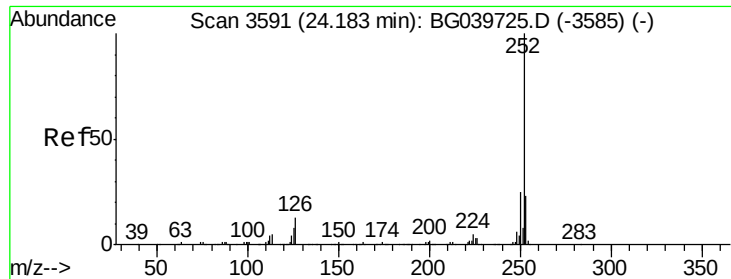
Tgt Ion:264 Resp: 279849
Ion Ratio Lower Upper
264 100
260 24.8 18.2 27.4
265 22.2 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 35.102 ng
RT: 24.08 min Scan# 3573
Delta R.T. -0.04 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion:252 Resp: 585787
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 7.8 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 36.907 ng

RT: 24.15 min Scan# 3585

Delta R.T. -0.04 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

Instrument :

BNA_G

ClientSampleId :

PB118232BSD

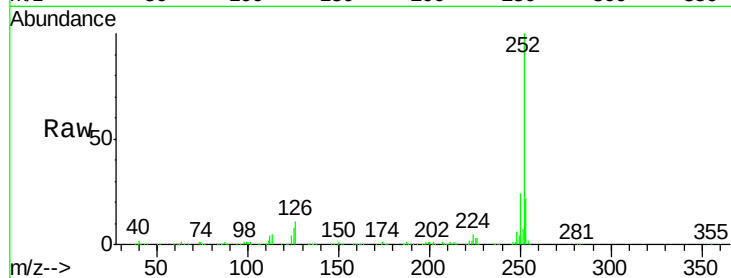
Tgt Ion:252 Resp: 573311

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

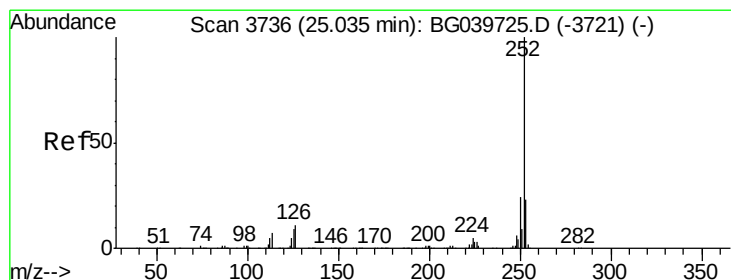
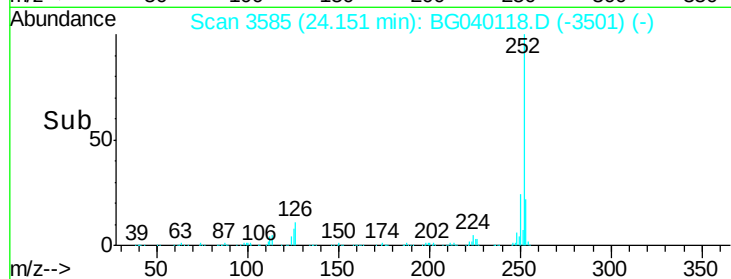
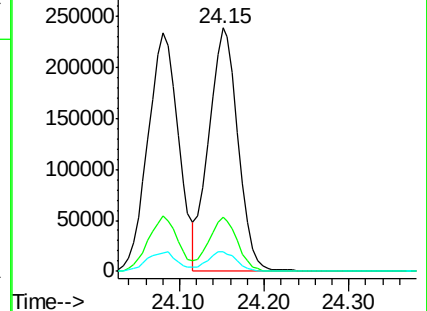
125 8.2 7.4 11.2



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: 36.912 ng

RT: 25.00 min Scan# 3729

Delta R.T. -0.04 min

Lab File: BG040118.D

Acq: 25 Mar 2019 15:32

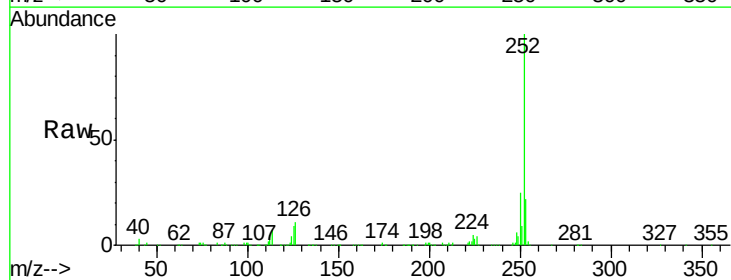
Tgt Ion:252 Resp: 569202

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

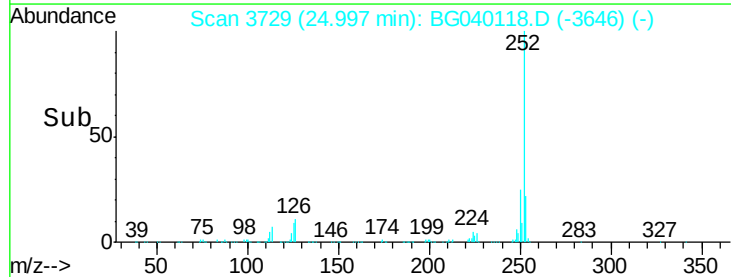
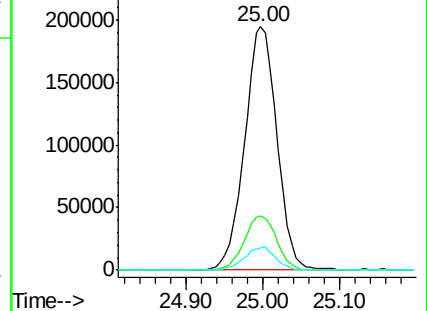
125 9.0 8.3 12.5

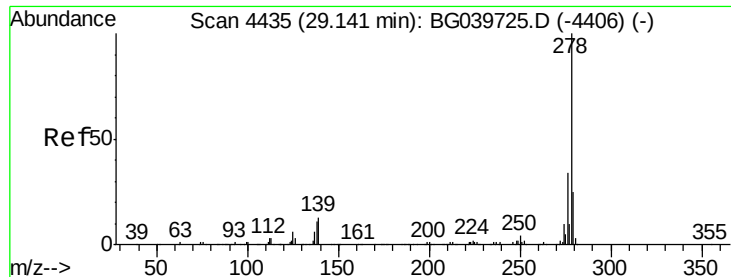


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

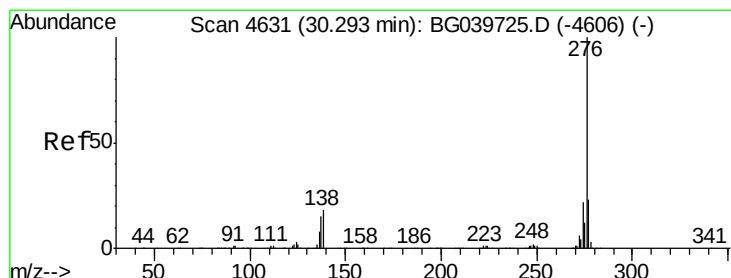
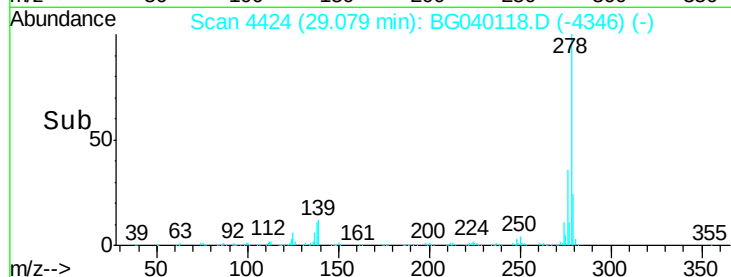
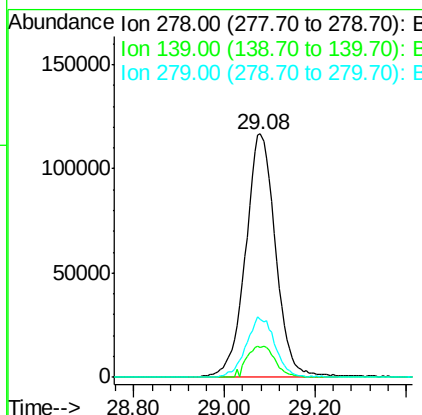
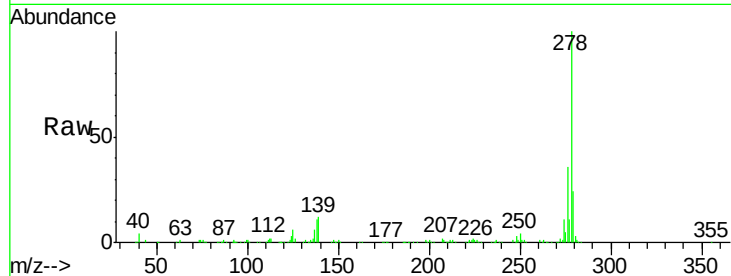




#91
Dibenzo(a,h)anthracene
Concen: 35.480 ng
RT: 29.08 min Scan# 4424
Delta R.T. -0.07 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Instrument :
BNA_G
ClientSampleId :
PB118232BSD

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.7	17.5
279	24.0	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 35.729 ng
RT: 30.23 min Scan# 4620
Delta R.T. -0.08 min
Lab File: BG040118.D
Acq: 25 Mar 2019 15:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.6	29.4
138	16.4	14.7	22.1

