

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039960.D
 Acq On : 16 Mar 2019 3:53
 Operator : JU/SJ
 Sample : PB117964BS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Quant Time: Mar 16 05:20:35 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	8.15	152	41226	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	183708	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	119627	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	262549	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	276480	20.00	ng	-0.02
87) Perylene-d12	25.17	264	283827	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	197417	81.69	ng	-0.02
7) Phenol-d6	7.29	99	289502	80.35	ng	-0.02
23) Nitrobenzene-d5	9.32	82	287418	84.62	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	110602	79.32	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	691761	82.34	ng	-0.02
79) Terphenyl-d14	20.11	244	1069822	85.20	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	44839	40.191	ng	97
3) Pyridine	3.98	79	126313	42.291	ng	96
4) n-Nitrosodimethylamine	3.91	42	65054	45.913	ng	99
6) Aniline	7.47	93	195175	41.345	ng	99
8) 2-Chlorophenol	7.71	128	118481	40.414	ng	96
9) Benzaldehyde	7.29	77	69535	29.917	ng	95
10) Phenol	7.32	94	160579	41.138	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	122349	40.202	ng	95
12) 1,3-Dichlorobenzene	8.03	146	135913	40.991	ng	99
13) 1,4-Dichlorobenzene	8.18	146	139437	41.286	ng	98
14) 1,2-Dichlorobenzene	8.50	146	131648	40.344	ng	96
15) Benzyl Alcohol	8.39	79	118113	41.324	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	256311	42.110	ng	99
17) 2-Methylphenol	8.58	107	104064	41.810	ng	98
18) Hexachloroethane	9.23	117	49816	41.108	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	103848	40.042	ng	97
20) 3+4-Methylphenols	8.91	107	144435	41.772	ng	97
22) Acetophenone	8.98	105	194682	39.484	ng	# 97
24) Nitrobenzene	9.37	77	152706	42.854	ng	97
25) Isophorone	9.88	82	292284	41.067	ng	98
26) 2-Nitrophenol	10.08	139	73905	42.956	ng	# 94
27) 2,4-Dimethylphenol	10.12	122	120712	45.113	ng	91
28) bis(2-Chloroethoxy)methane	10.36	93	174650	40.380	ng	97
29) 2,4-Dichlorophenol	10.61	162	130384	43.279	ng	97
30) 1,2,4-Trichlorobenzene	10.82	180	141368	41.701	ng	99
31) Naphthalene	11.02	128	402352	41.366	ng	99
32) Benzoic acid	10.26	122	70212	39.561	ng	97
33) 4-Chloroaniline	11.13	127	174507	42.310	ng	99
34) Hexachlorobutadiene	11.28	225	96497	41.655	ng	95
35) Caprolactam	11.92	113	26465	22.997	ng	97
36) 4-Chloro-3-methylphenol	12.23	107	140416	40.659	ng	99
37) 2-Methylnaphthalene	12.61	142	307159	42.239	ng	98
38) 1-Methylnaphthalene	12.83	142	290384	41.091	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	170953	42.183	ng	99

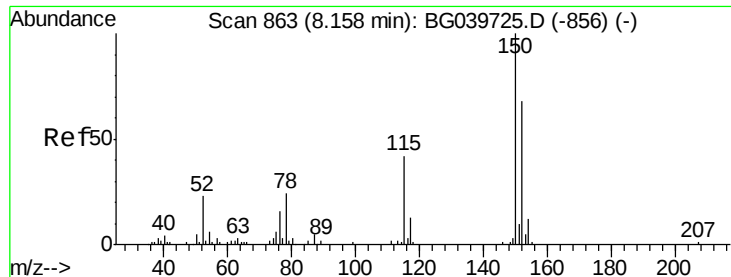
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	239342	110.202	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	105840	44.608	ng	98
44) 2,4,5-Trichlorophenol	13.28	196	116286	43.481	ng	99
46) 1,1'-Biphenyl	13.61	154	399376	40.590	ng	98
47) 2-Chloronaphthalene	13.66	162	309521	41.816	ng	98
48) 2-Nitroaniline	13.87	65	101967	42.866	ng	94
49) Acenaphthylene	14.50	152	493330	40.600	ng	98
50) Dimethylphthalate	14.22	163	390645	39.052	ng	99
51) 2,6-Dinitrotoluene	14.35	165	85598	40.365	ng	96
52) Acenaphthene	14.84	154	296729	40.573	ng	98
53) 3-Nitroaniline	14.69	138	83271	39.064	ng	# 98
54) 2,4-Dinitrophenol	14.89	184	84811	64.508	ng	97
55) Dibenzofuran	15.17	168	483393	40.286	ng	98
56) 4-Nitrophenol	14.99	139	135650	71.136	ng	91
57) 2,4-Dinitrotoluene	15.14	165	122156	40.996	ng	87
58) Fluorene	15.82	166	374158	39.665	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	109299	41.847	ng	97
60) Diethylphthalate	15.57	149	390235	39.408	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	198515	39.438	ng	98
62) 4-Nitroaniline	15.85	138	89547	38.749	ng	97
63) Azobenzene	16.10	77	359077	40.003	ng	99
65) 4,6-Dinitro-2-methylphenol	15.90	198	70083	45.146	ng	99
66) n-Nitrosodiphenylamine	16.02	169	338525	44.538	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	125347	42.652	ng	97
68) Hexachlorobenzene	16.81	284	131345	43.117	ng	94
69) Atrazine	16.96	200	103392	34.563	ng	99
70) Pentachlorophenol	17.16	266	150628	78.294	ng	98
71) Phenanthrene	17.56	178	604038	41.769	ng	100
72) Anthracene	17.65	178	602103	42.725	ng	99
73) Carbazole	17.92	167	518502	40.812	ng	98
74) Di-n-butylphthalate	18.45	149	633798	42.401	ng	99
75) Fluoranthene	19.56	202	716195	41.905	ng	98
77) Benzidine	19.74	184	651330	74.238	ng	99
78) Pyrene	19.93	202	718485	39.992	ng	98
80) Butylbenzylphthalate	20.79	149	298967	42.952	ng	95
81) Benzo(a)anthracene	21.78	228	712585	41.124	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	256008	40.467	ng	100
83) Chrysene	21.86	228	674023	40.123	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	424967	43.448	ng	98
85) Di-n-octyl phthalate	22.90	149	726256	44.844	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	807931	42.395	ng	# 93
88) Benzo(b)fluoranthene	24.10	252	703854	41.586	ng	# 98
89) Benzo(k)fluoranthene	24.17	252	693572	44.023	ng	98
90) Benzo(a)pyrene	25.01	252	693055	44.314	ng	98
91) Dibenzo(a,h)anthracene	29.11	278	651660	42.502	ng	98
92) Benzo(g,h,i)perylene	30.27	276	667176	43.326	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

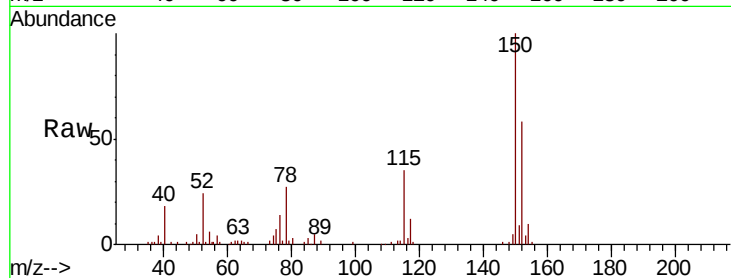
Tgt Ion:152 Resp: 41226

Ion Ratio Lower Upper

152 100

150 171.2 123.7 185.5

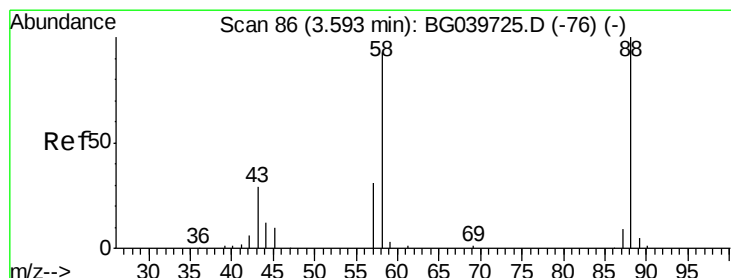
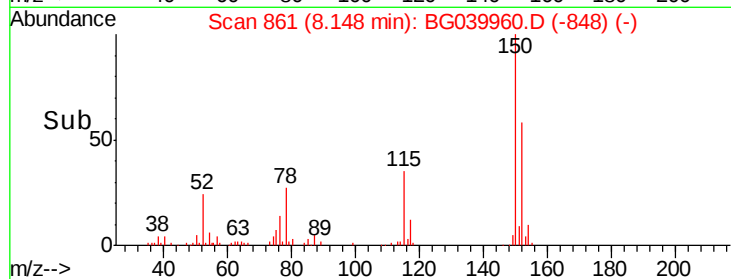
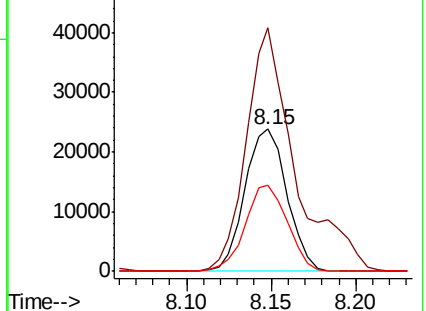
115 60.7 45.9 68.9



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: 40.191 ng

RT: 3.58 min Scan# 84

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

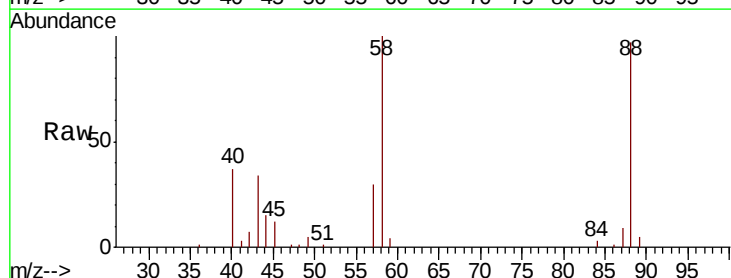
Tgt Ion: 88 Resp: 44839

Ion Ratio Lower Upper

88 100

58 99.0 81.1 121.7

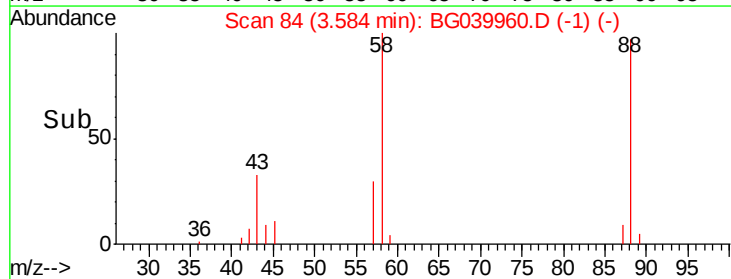
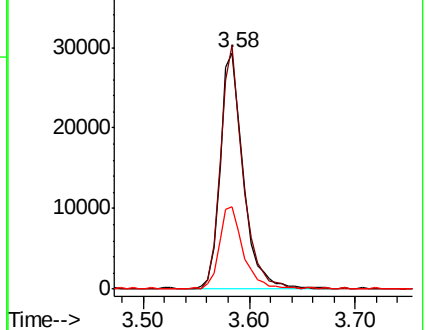
43 36.1 31.4 47.0



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: 42.291 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

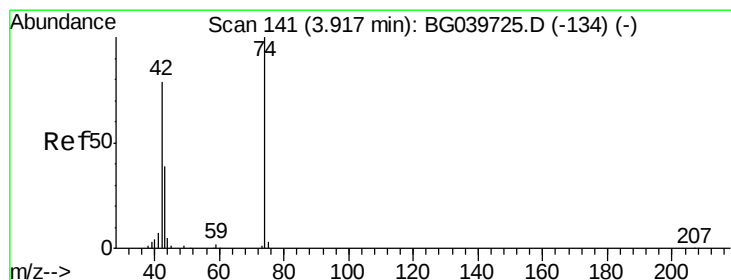
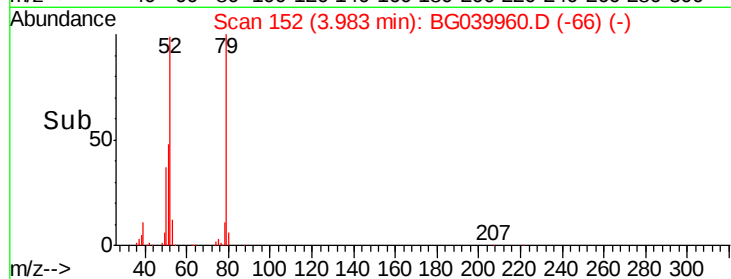
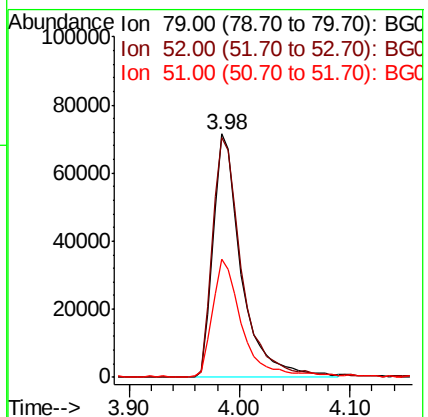
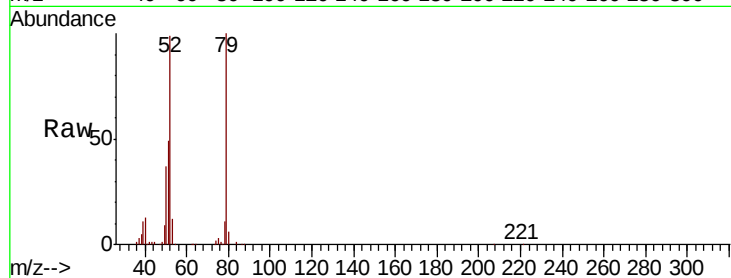
Tgt Ion: 79 Resp: 126313

Ion Ratio Lower Upper

79 100

52 98.7 82.6 124.0

51 48.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 45.913 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

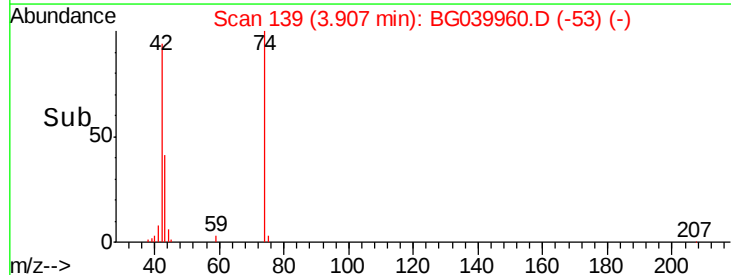
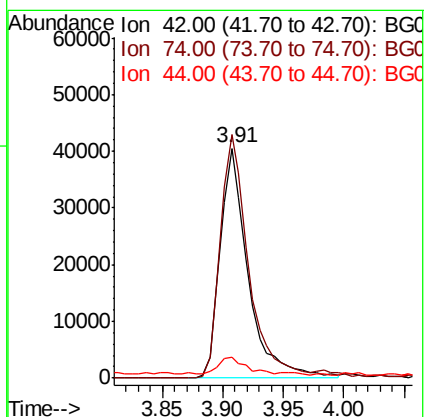
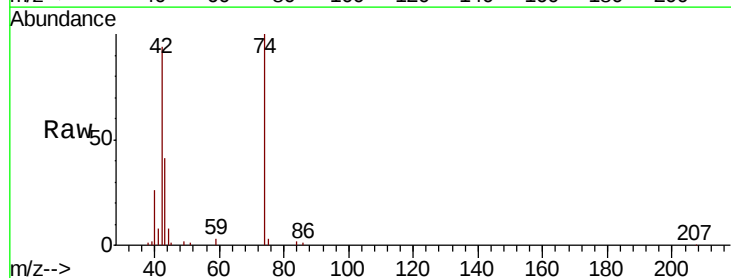
Tgt Ion: 42 Resp: 65054

Ion Ratio Lower Upper

42 100

74 106.0 83.6 125.4

44 8.9 6.9 10.3





#5

2-Fluorophenol

Concen: 81.695 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

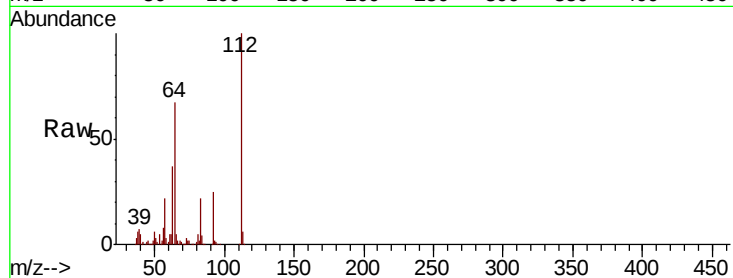
Tgt Ion: 112 Resp: 197417

Ion Ratio Lower Upper

112 100

64 67.1 57.8 86.8

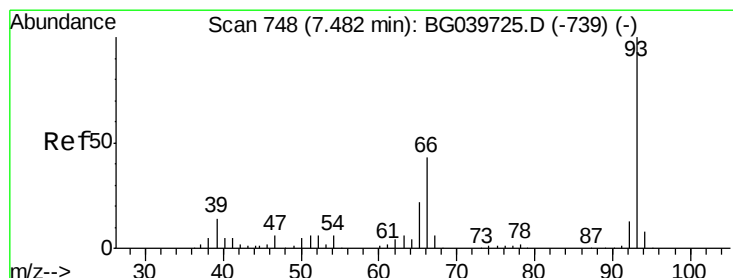
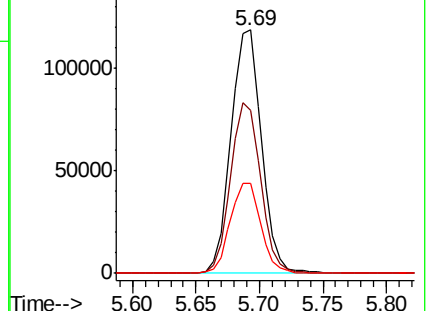
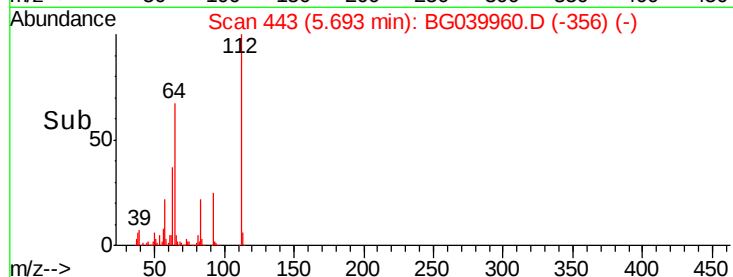
63 37.0 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.345 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

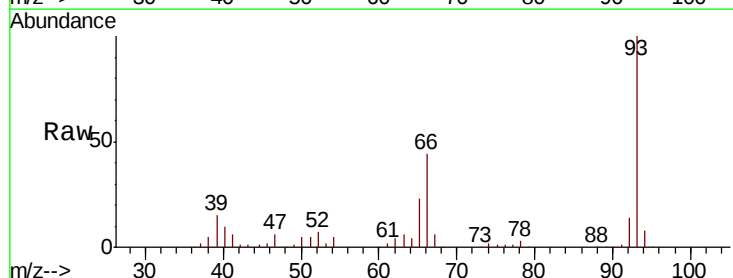
Tgt Ion: 93 Resp: 195175

Ion Ratio Lower Upper

93 100

66 44.0 34.2 51.4

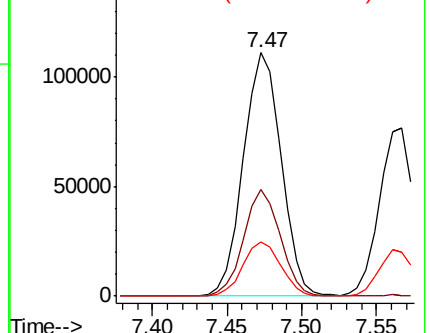
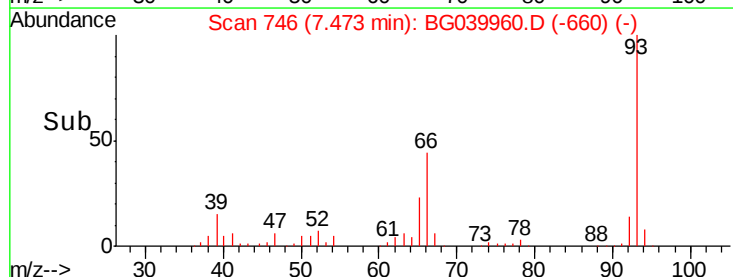
65 22.5 17.7 26.5



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: 80.347 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

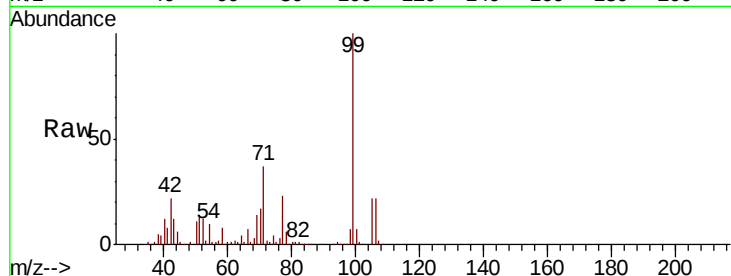
Tgt Ion: 99 Resp: 289502

Ion Ratio Lower Upper

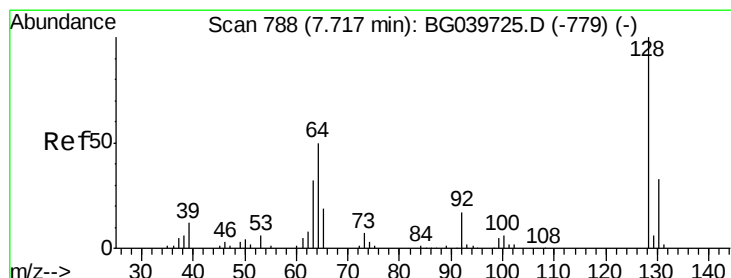
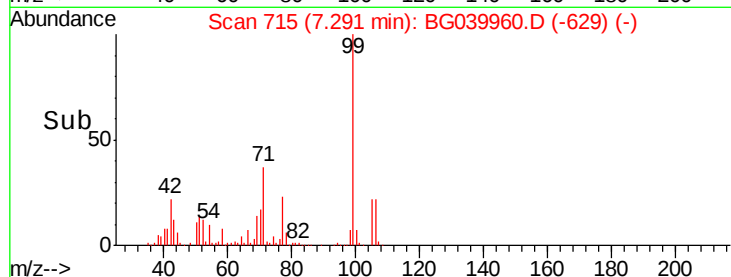
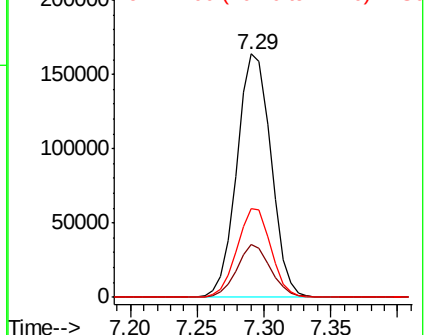
99 100

42 22.0 18.2 27.2

71 36.7 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: 40.414 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

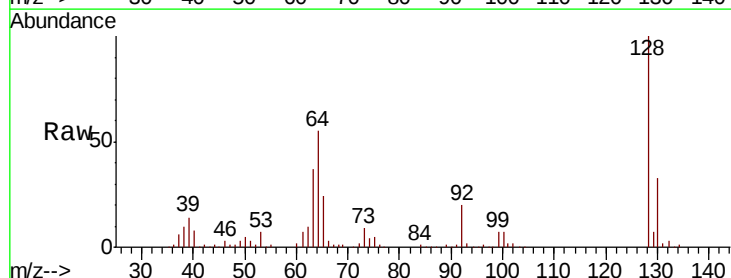
Tgt Ion: 128 Resp: 118481

Ion Ratio Lower Upper

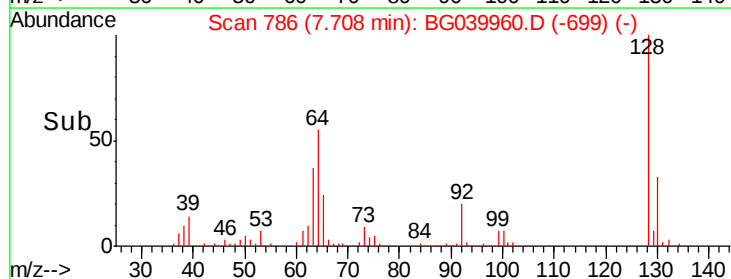
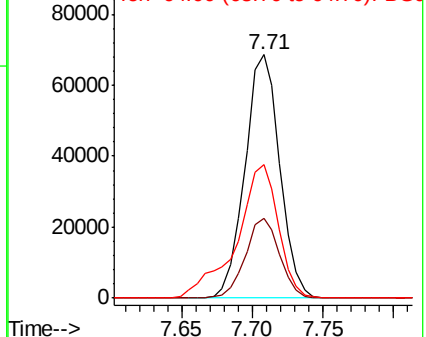
128 100

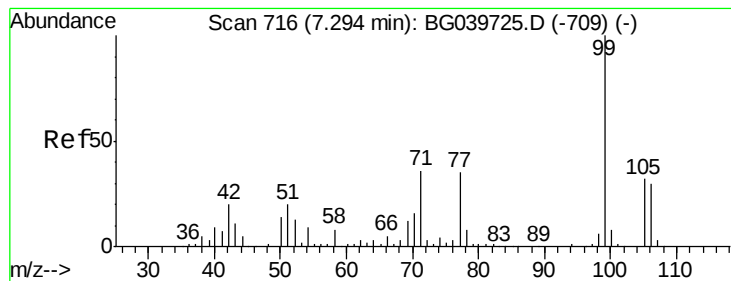
130 32.6 12.9 52.9

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: 29.917 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

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ClientSampleId :

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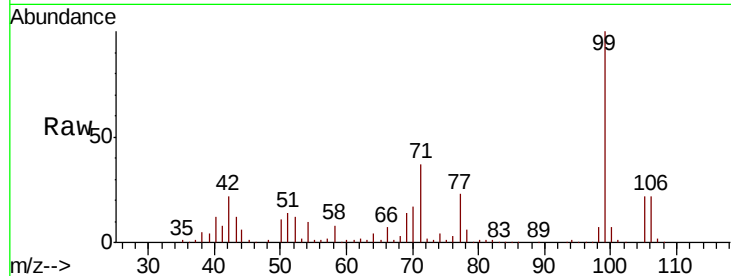
Tgt Ion: 77 Resp: 69535

Ion Ratio Lower Upper

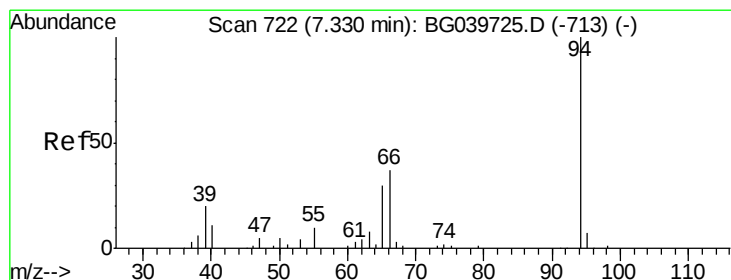
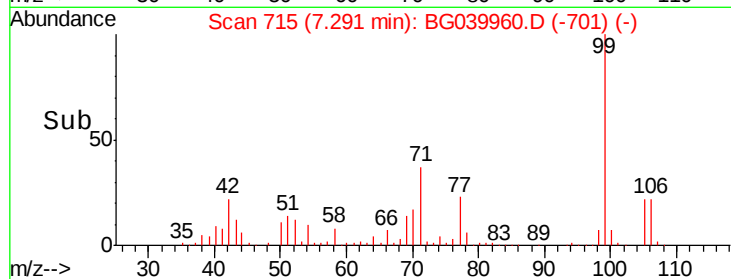
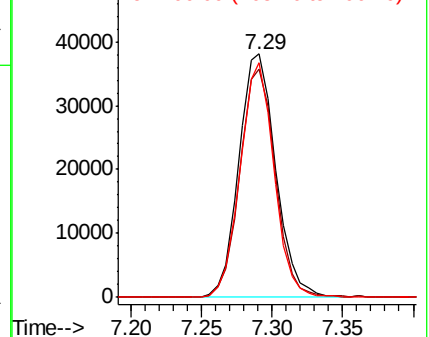
77 100

105 93.6 74.5 114.5

106 96.4 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: 41.138 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

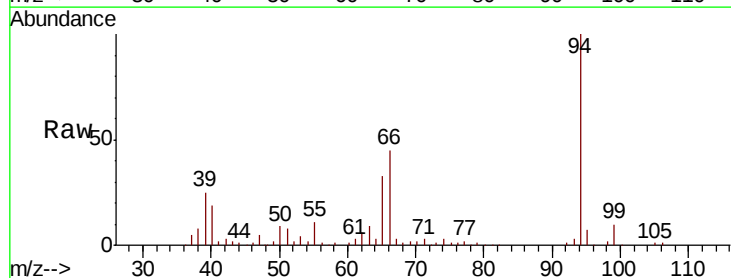
Tgt Ion: 94 Resp: 160579

Ion Ratio Lower Upper

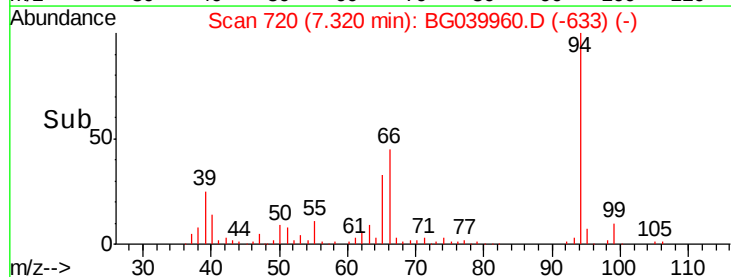
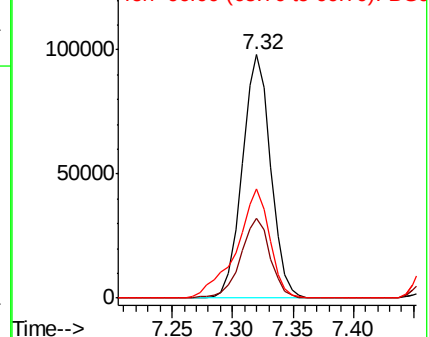
94 100

65 32.5 11.7 51.7

66 44.9 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

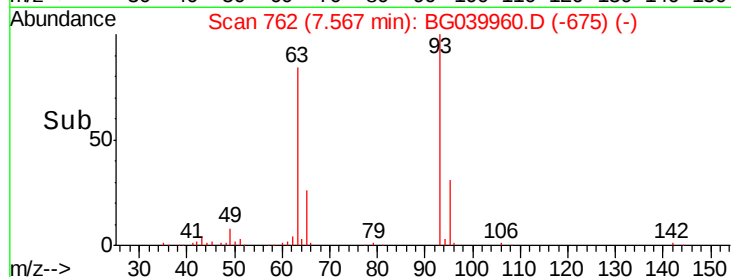
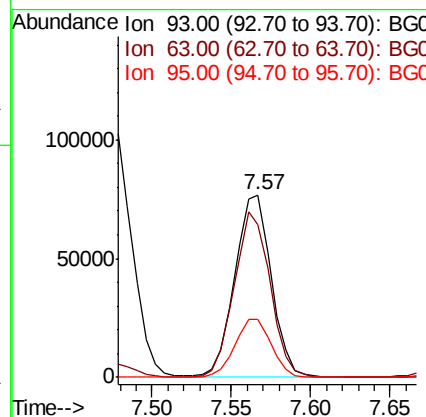
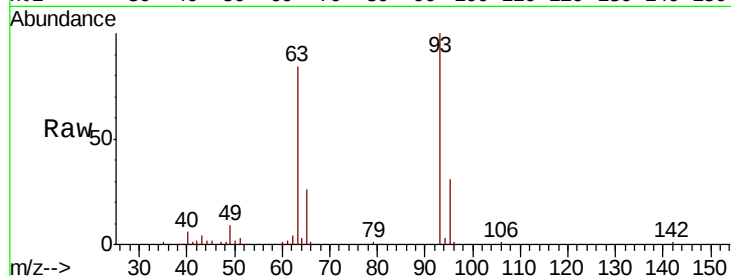




#11
bis(2-Chloroethyl)ether
Concen: 40.202 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

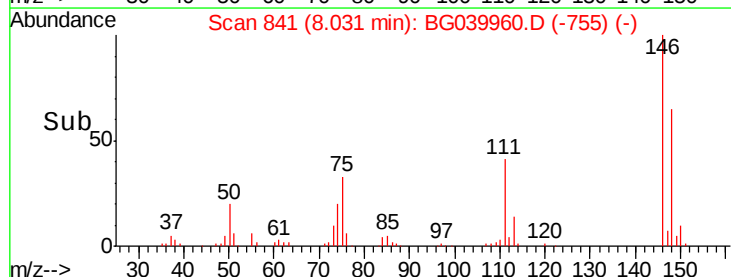
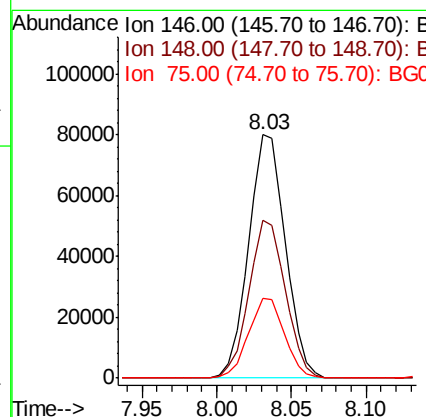
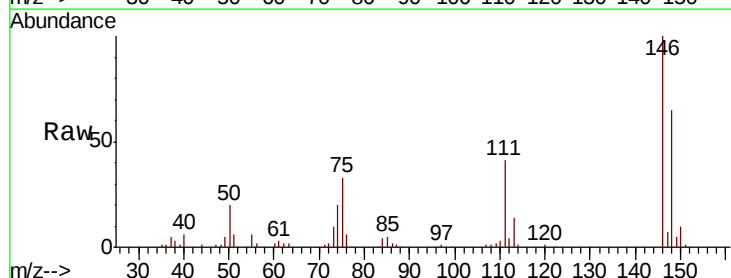
Instrument :
BNA_G
ClientSampleId :
PB117964BS

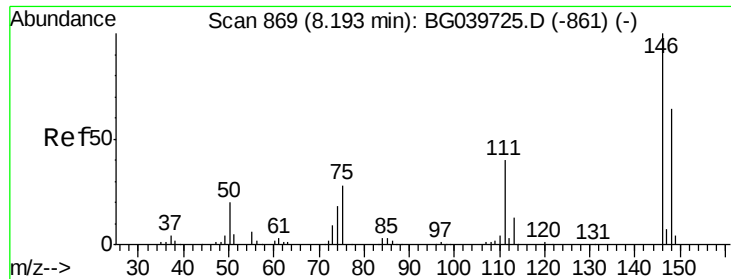
Tgt Ion: 93 Resp: 122349
Ion Ratio Lower Upper
93 100
63 83.7 69.5 109.5
95 31.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.991 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion: 146 Resp: 135913
Ion Ratio Lower Upper
146 100
148 64.8 52.6 79.0
75 32.6 25.8 38.6

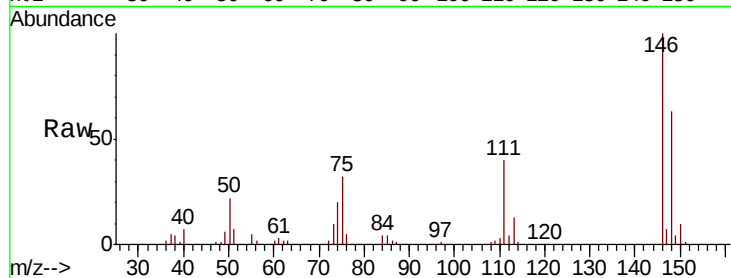




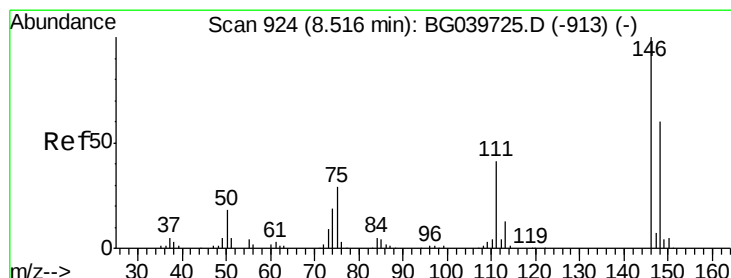
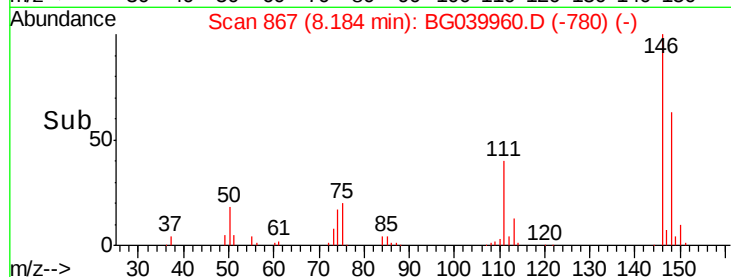
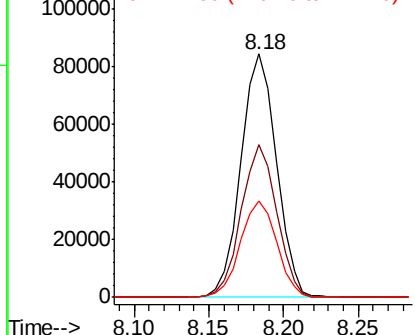
#13
 1,4-Dichlorobenzene
 Concen: 41.286 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleID :
 PB117964BS

Tgt Ion:146 Resp: 139437
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 39.5 32.6 48.8

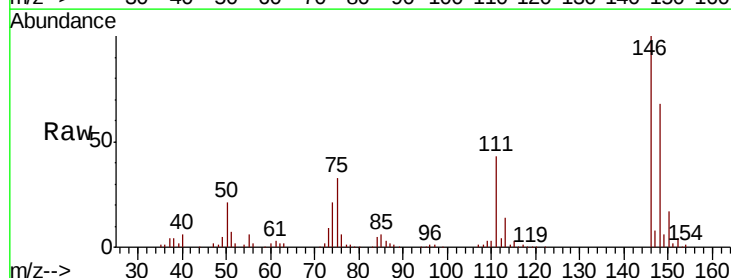


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

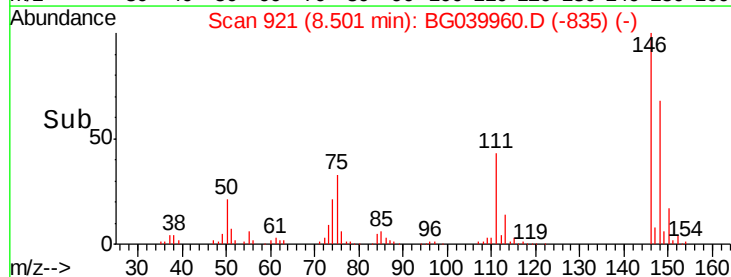
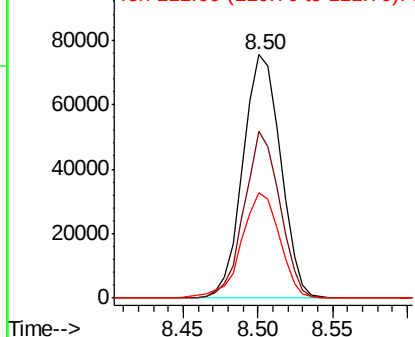


#14
 1,2-Dichlorobenzene
 Concen: 40.344 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion:146 Resp: 131648
 Ion Ratio Lower Upper
 146 100
 148 68.3 51.5 77.3
 111 43.1 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: 41.324 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

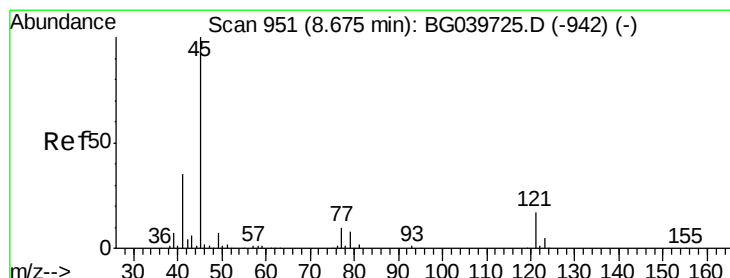
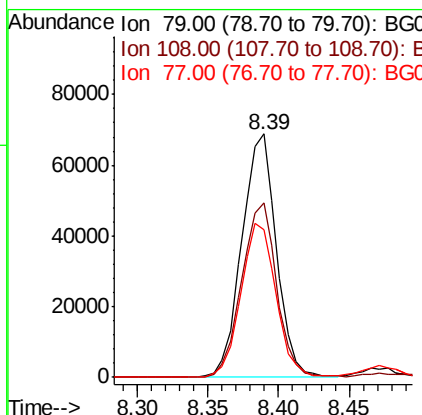
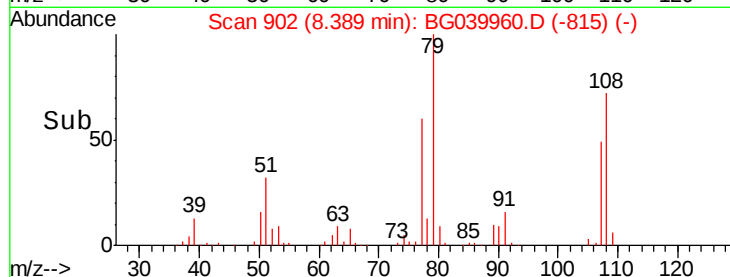
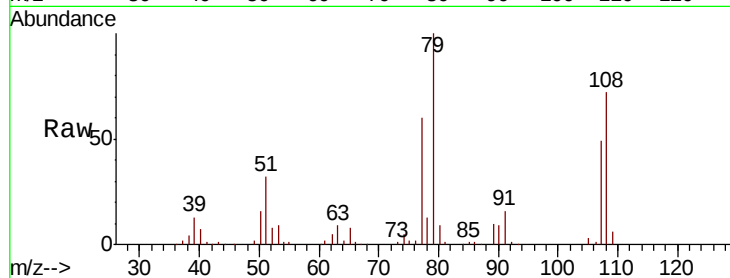
Tgt Ion: 79 Resp: 118113

Ion Ratio Lower Upper

79 100

108 71.7 57.8 86.6

77 60.4 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.110 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

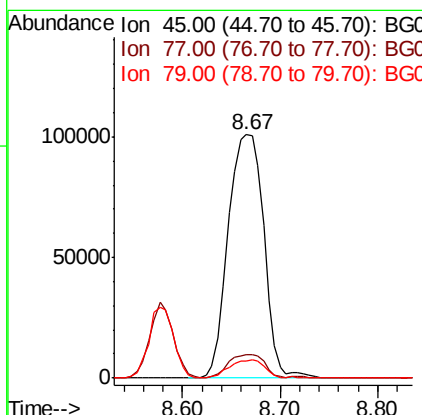
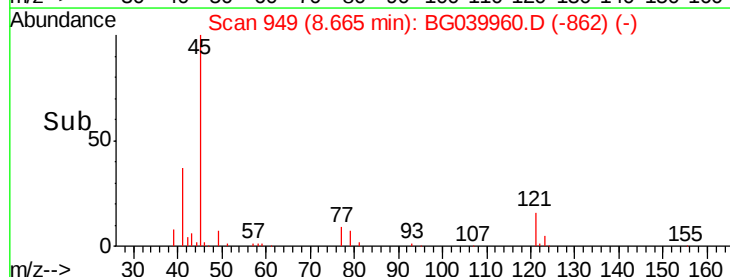
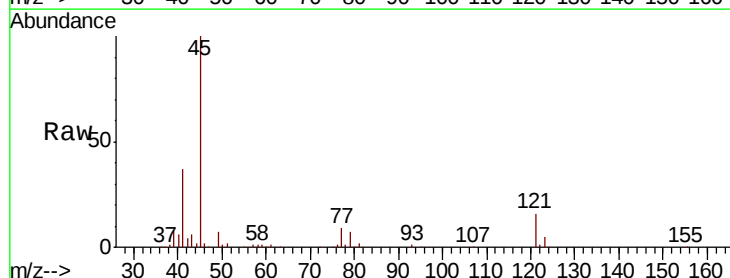
Tgt Ion: 45 Resp: 256311

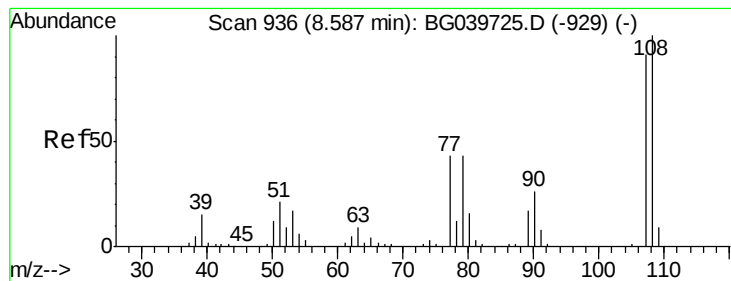
Ion Ratio Lower Upper

45 100

77 9.5 0.0 30.0

79 7.2 0.0 27.5





#17

2-Methylphenol

Concen: 41.810 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

Tgt Ion:107 Resp: 104064

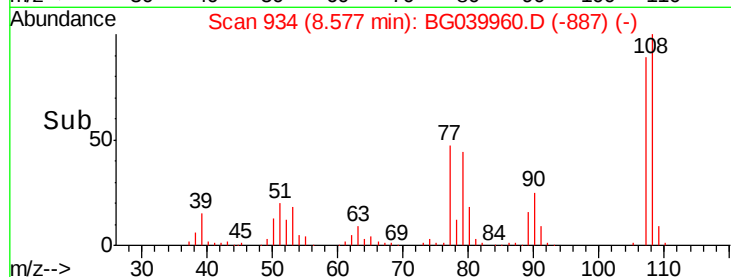
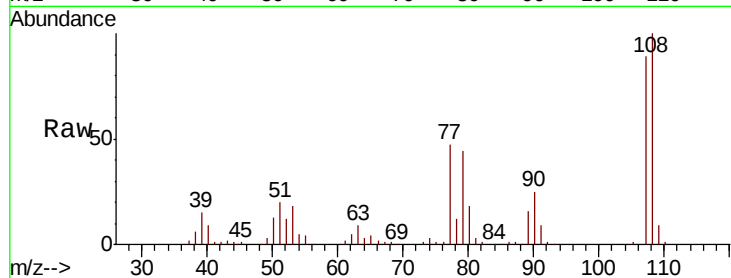
Ion Ratio Lower Upper

107 100

108 112.4 90.8 136.2

77 52.7 40.7 61.1

79 49.4 40.6 60.8

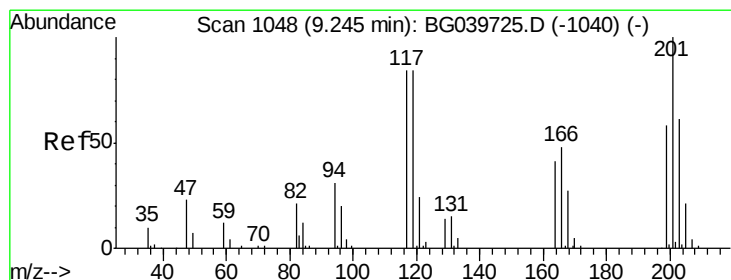
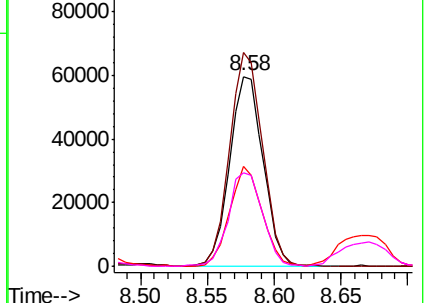


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.108 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

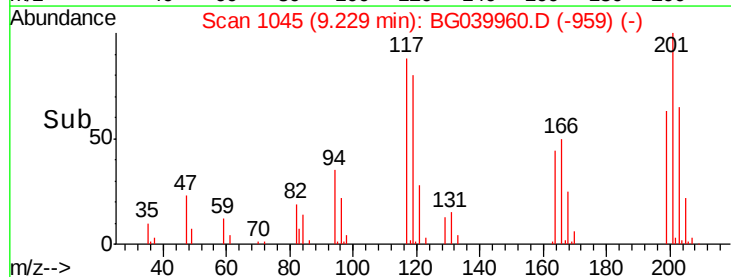
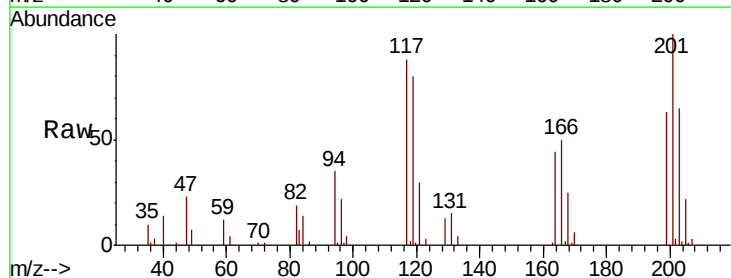
Tgt Ion:117 Resp: 49816

Ion Ratio Lower Upper

117 100

119 90.9 76.3 114.5

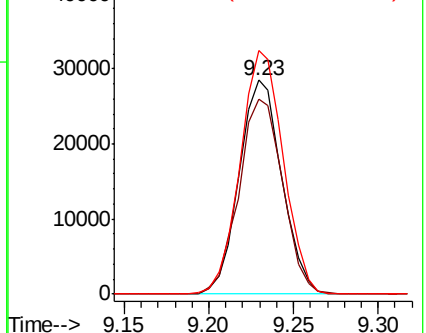
201 113.7 91.1 136.7

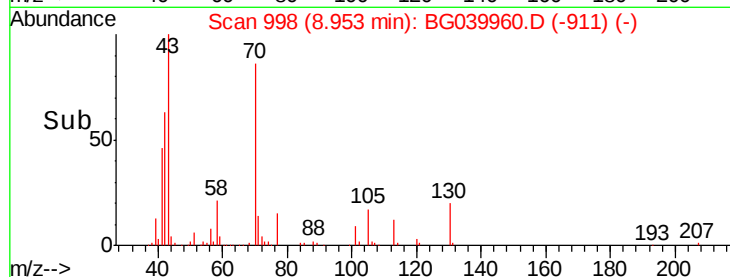
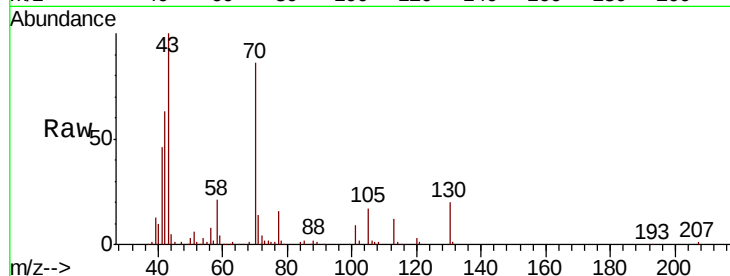
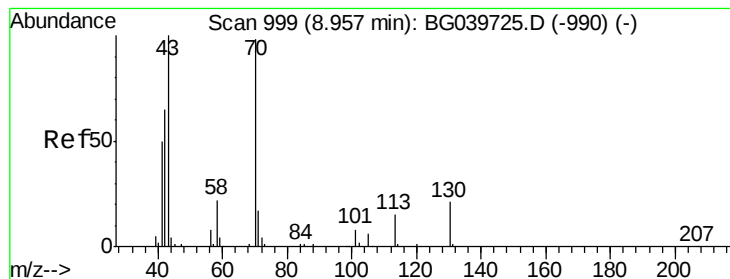


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.042 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

Tgt Ion: 70 Resp: 103848

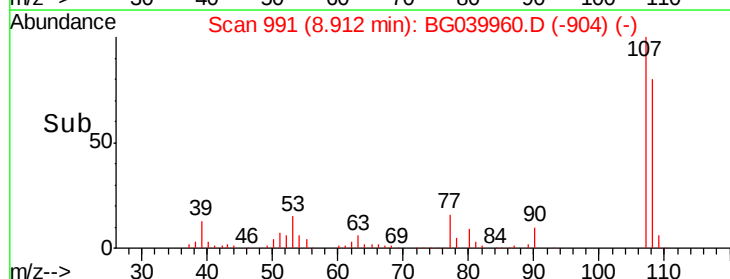
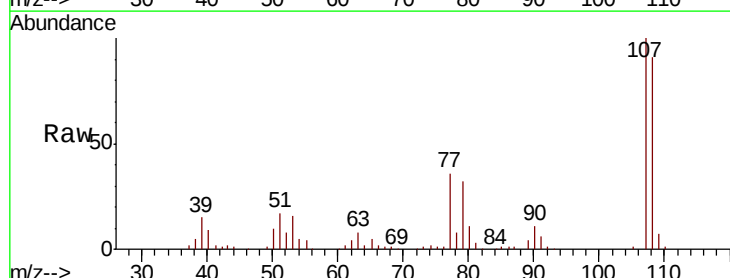
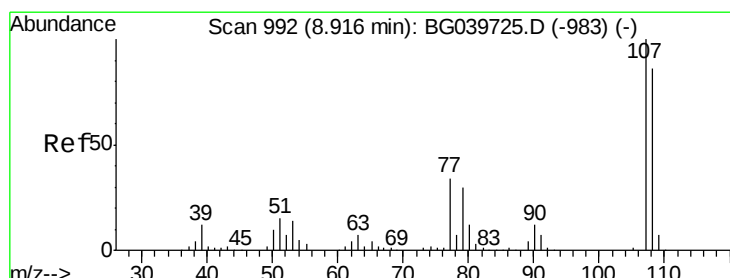
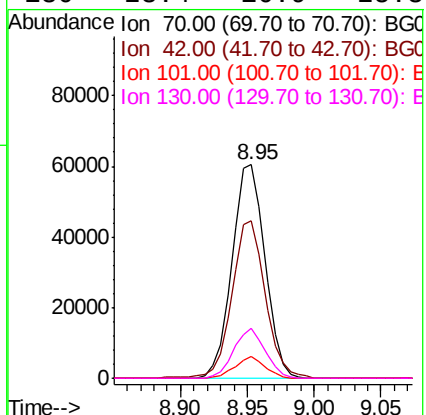
Ion Ratio Lower Upper

70 100

42 73.8 60.4 90.6

101 10.3 7.5 11.3

130 23.4 16.9 25.3



#20

3+4-Methylphenols

Concen: 41.772 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Tgt Ion: 107 Resp: 144435

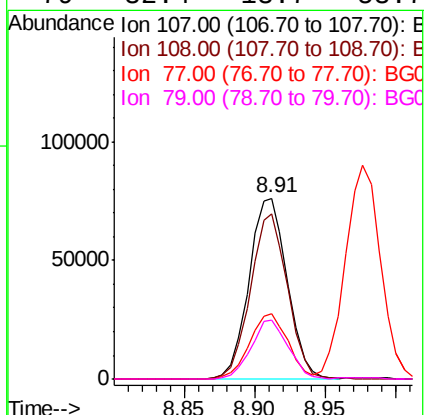
Ion Ratio Lower Upper

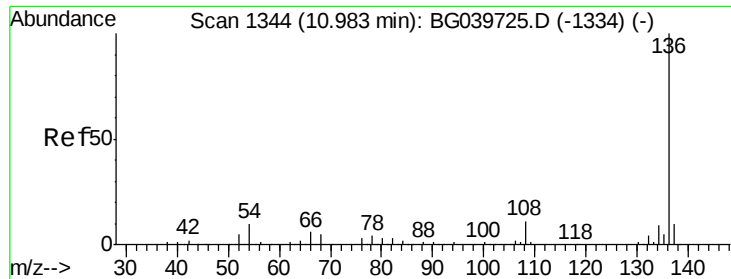
107 100

108 91.0 67.9 107.9

77 36.4 15.4 55.4

79 32.4 13.7 53.7

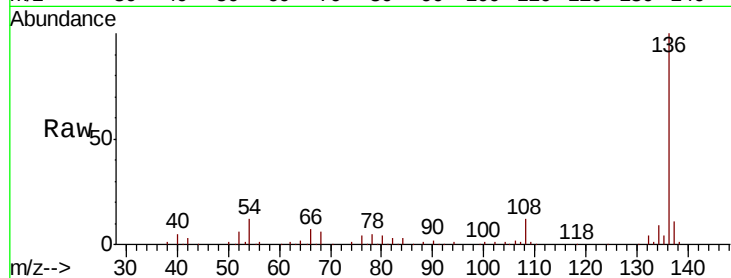




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion:	136	Resp:	183708
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	11.5	9.4	14.2
68	5.6	4.2	6.4



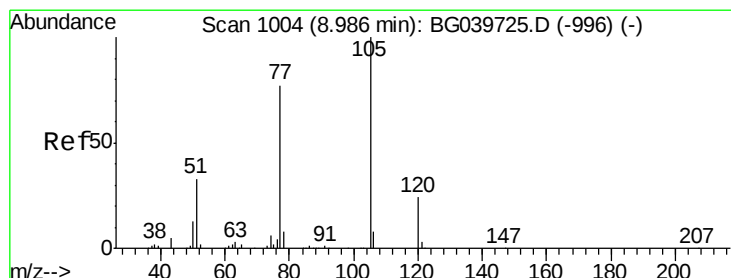
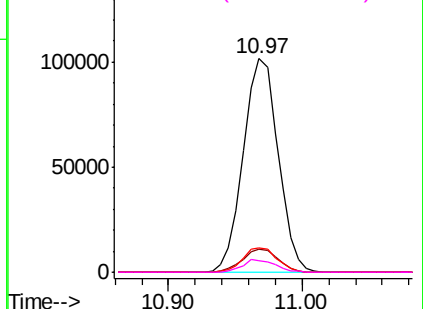
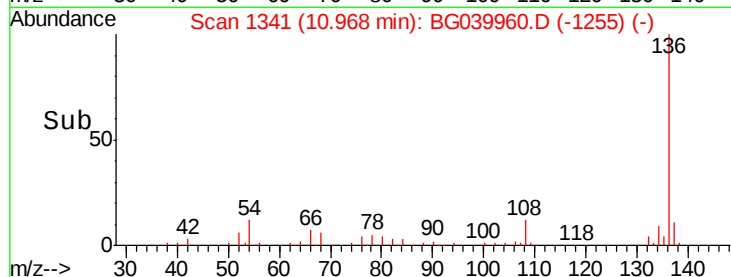
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

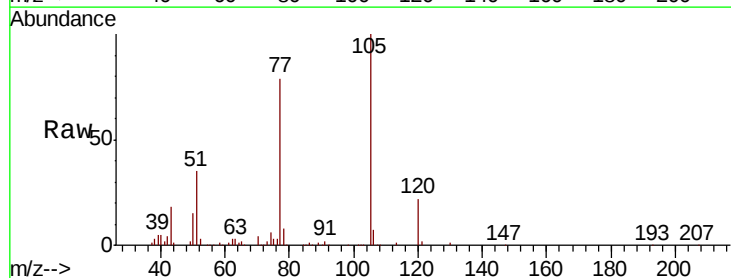
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.484 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion:	105	Resp:	194682
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	35.1	30.2	45.2
120	22.3	18.0	27.0



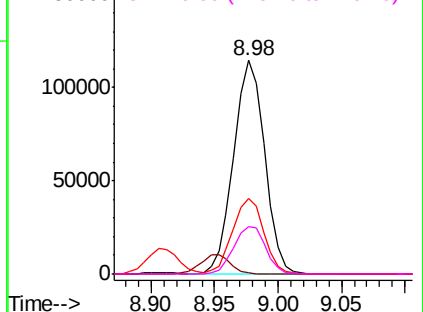
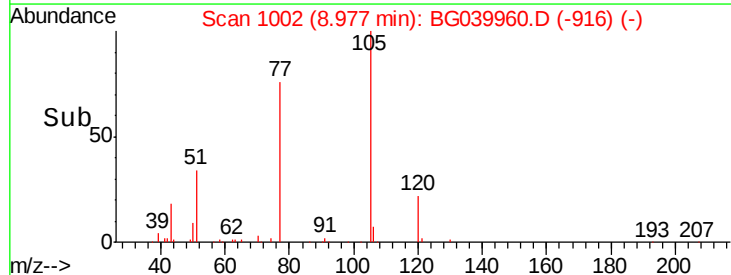
Abundance

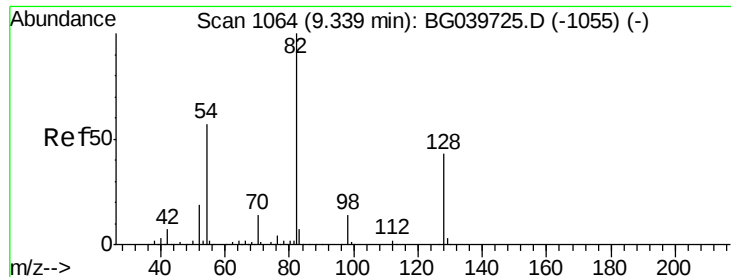
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

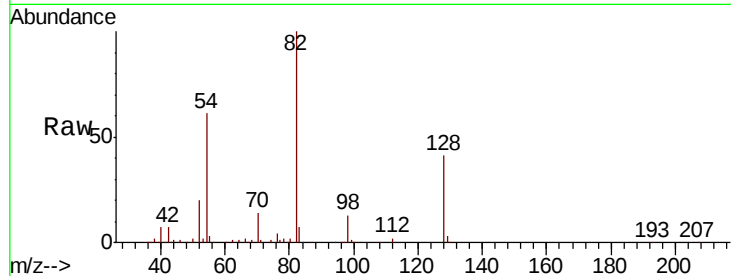




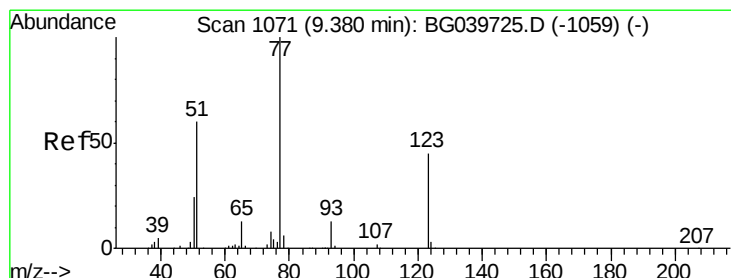
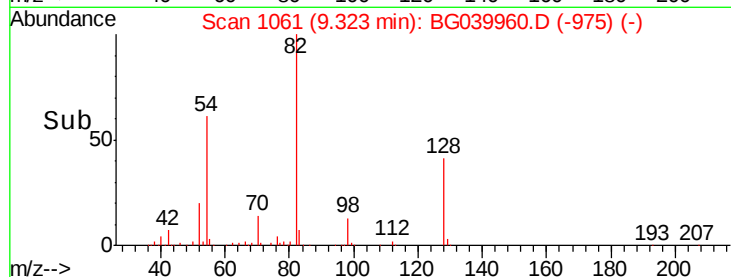
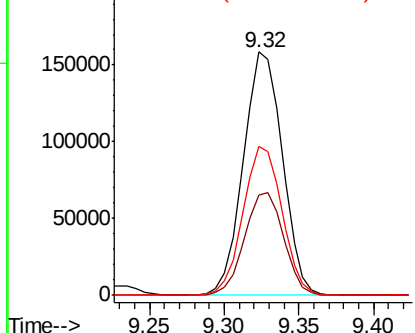
#23
Nitrobenzene-d5
Concen: 84.616 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion: 82 Resp: 287418
Ion Ratio Lower Upper
82 100
128 41.2 31.3 46.9
54 61.2 50.9 76.3

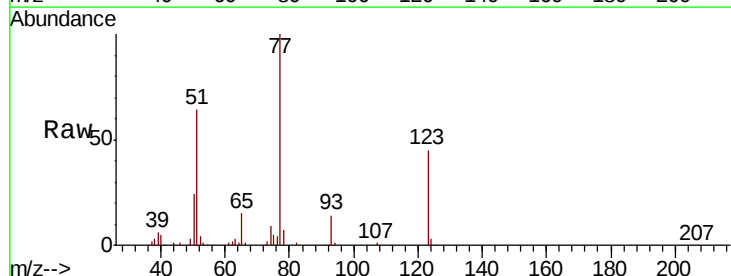


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

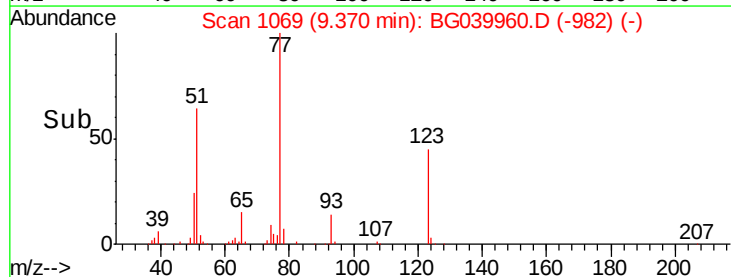
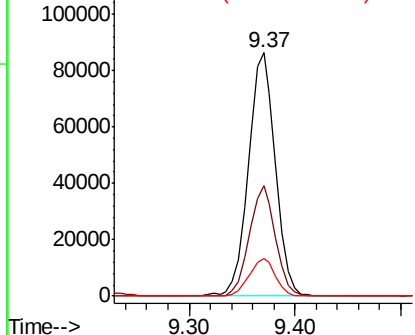


#24
Nitrobenzene
Concen: 42.854 ng
RT: 9.37 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion: 77 Resp: 152706
Ion Ratio Lower Upper
77 100
123 45.4 34.1 51.1
65 15.2 12.3 18.5



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

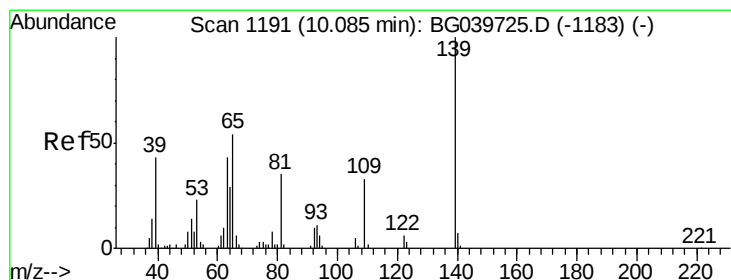
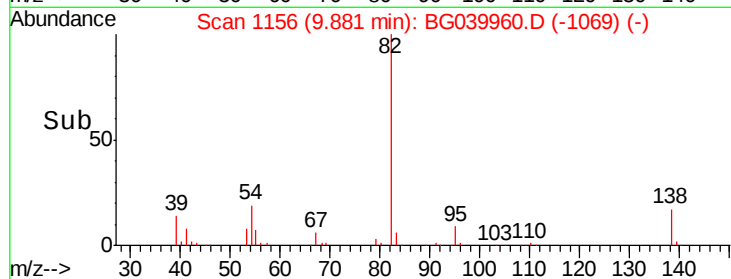
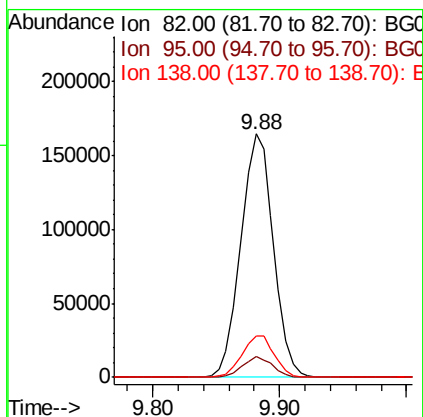
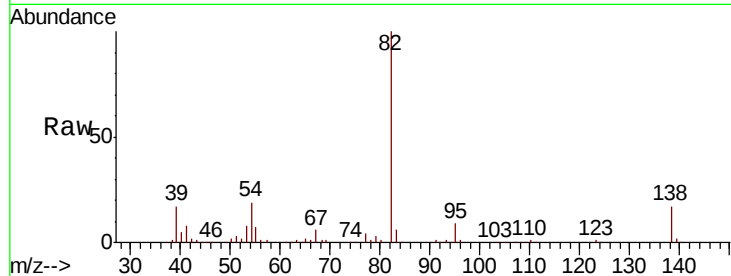




#25
Isophorone
Concen: 41.067 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

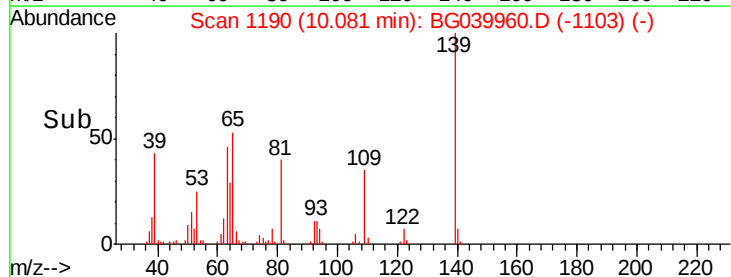
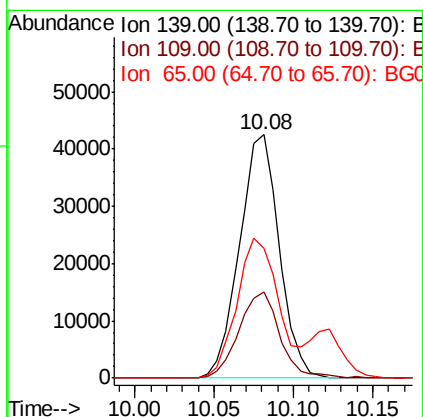
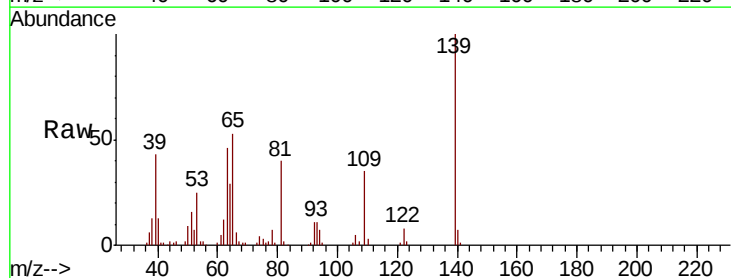
Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion: 82 Resp: 292284
Ion Ratio Lower Upper
82 100
95 8.7 6.2 9.2
138 17.0 13.0 19.4



#26
2-Nitrophenol
Concen: 42.956 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion: 139 Resp: 73905
Ion Ratio Lower Upper
139 100
109 35.4 23.4 35.0#
65 53.4 44.3 66.5

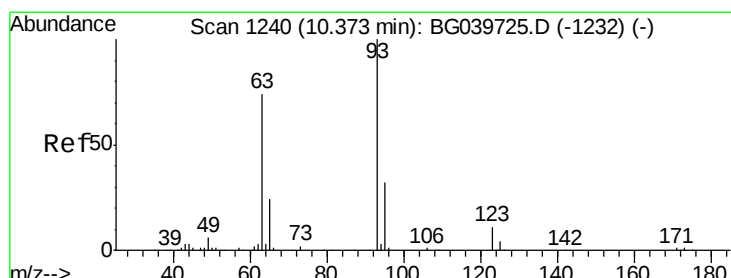
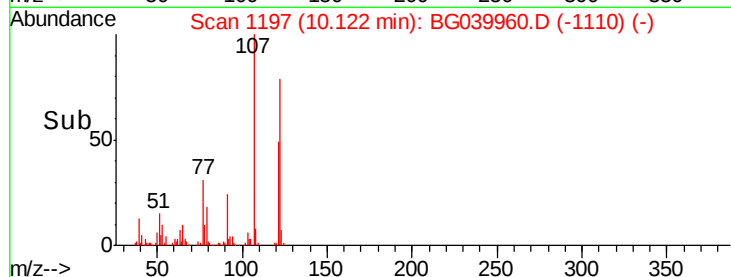
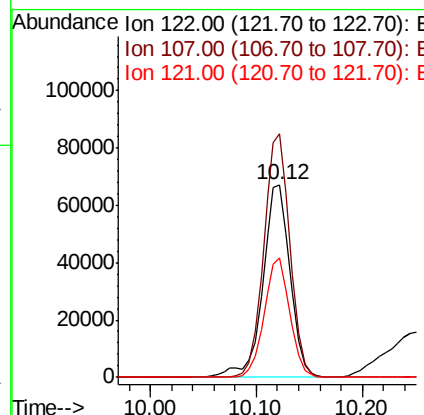
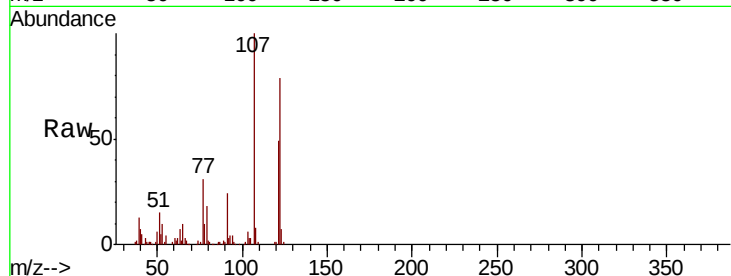




#27
2,4-Dimethylphenol
Concen: 45.113 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

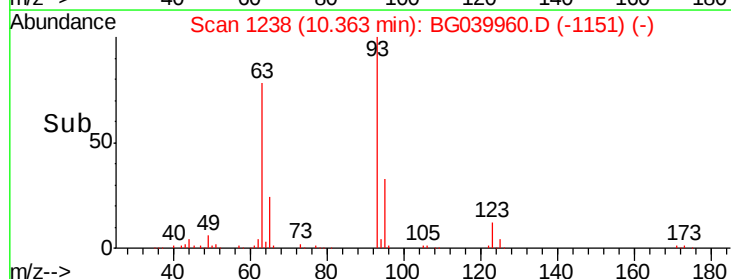
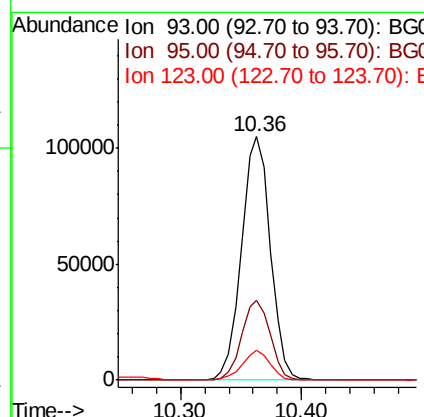
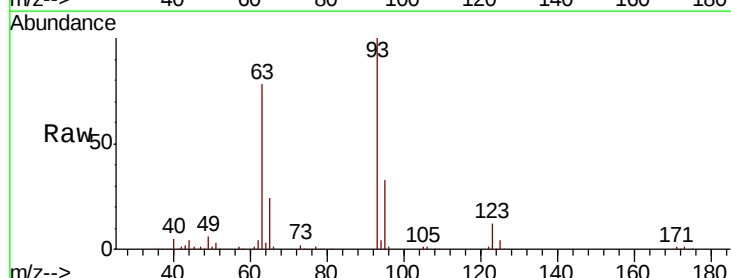
Instrument :
BNA_G
ClientSampled :
PB117964BS

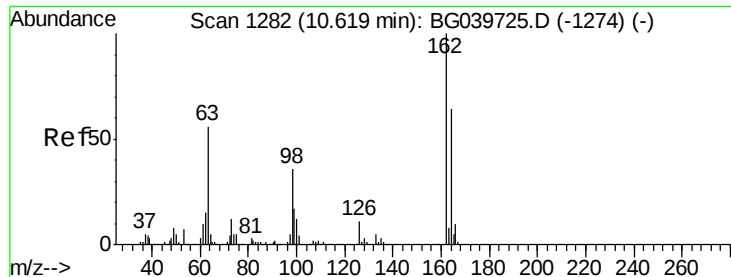
Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.3	91.7	137.5
121	61.8	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.380 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.0	37.4
123	12.1	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 43.279 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

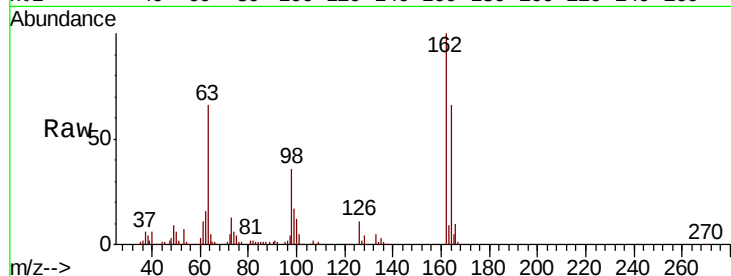
Tgt Ion:162 Resp: 130384

Ion Ratio Lower Upper

162 100

164 66.0 48.1 88.1

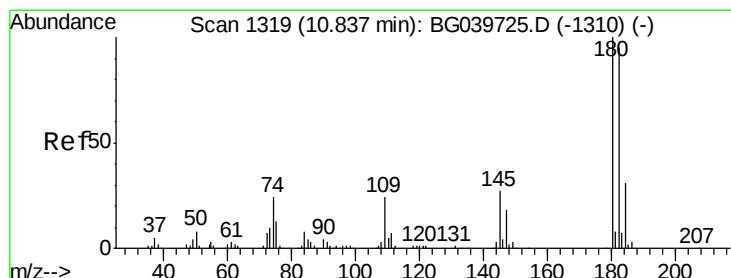
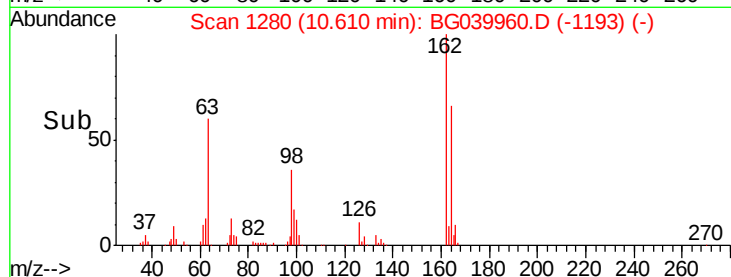
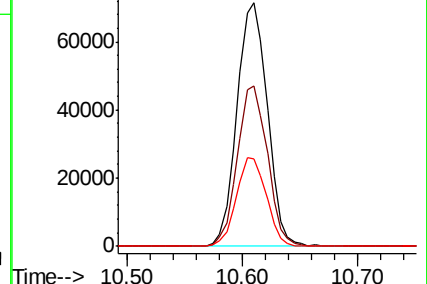
98 35.9 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.701 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

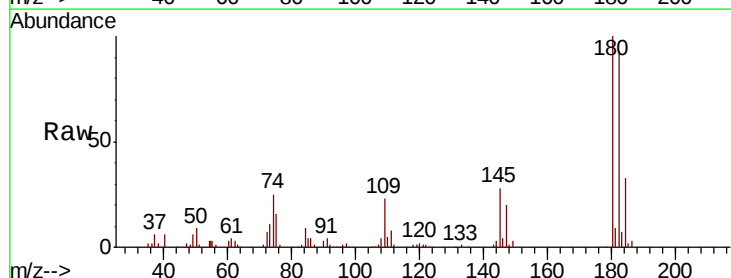
Tgt Ion:180 Resp: 141368

Ion Ratio Lower Upper

180 100

182 93.2 76.0 114.0

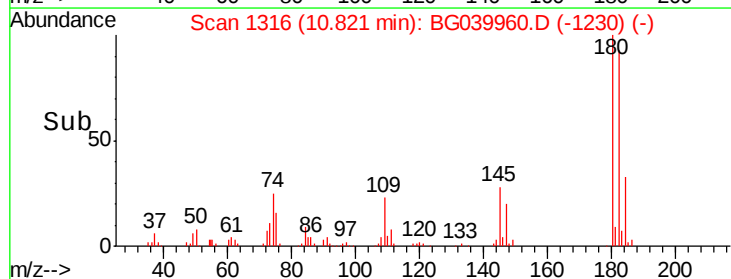
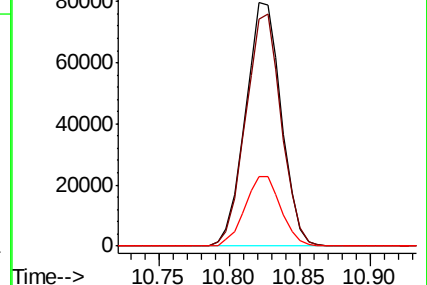
145 28.4 22.7 34.1

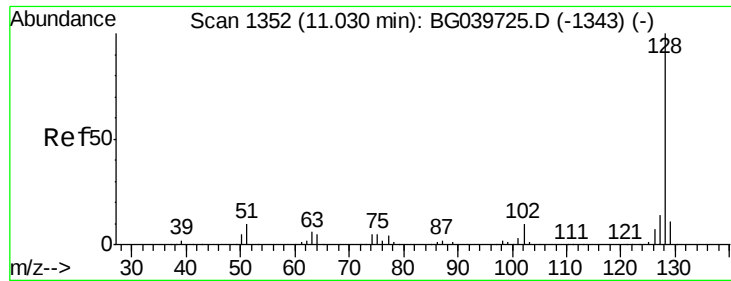


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

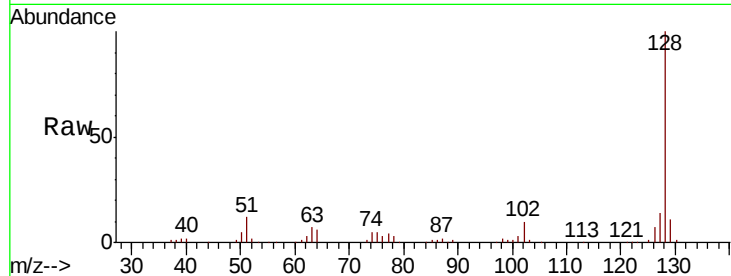




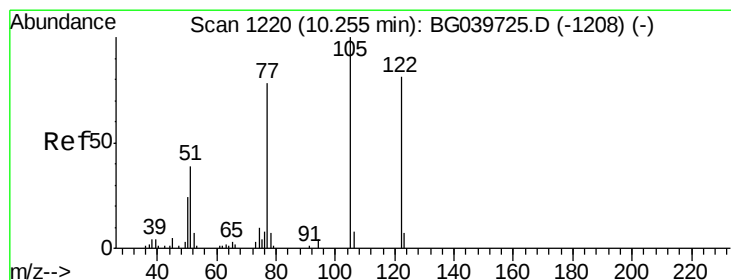
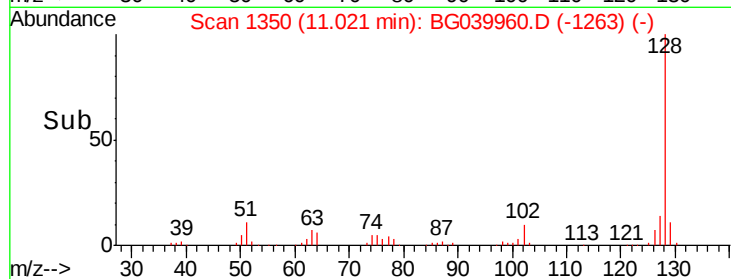
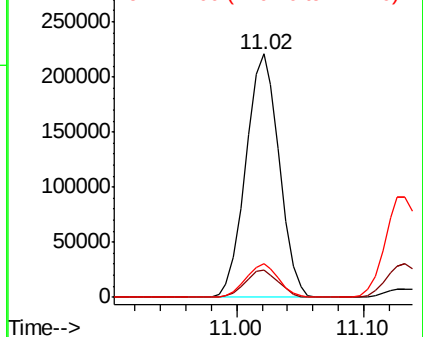
#31
Naphthalene
Concen: 41.366 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion:128 Resp: 402352
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.8 10.8 16.2

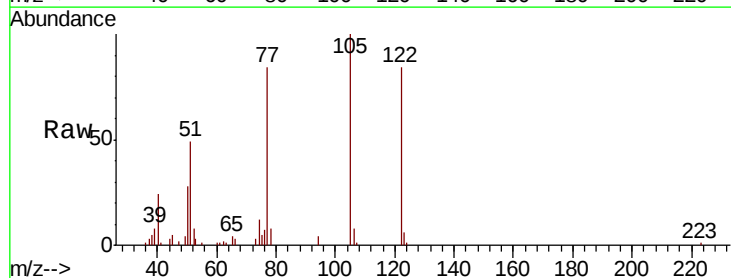


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

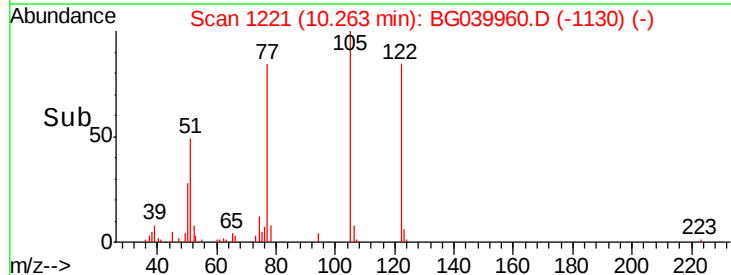
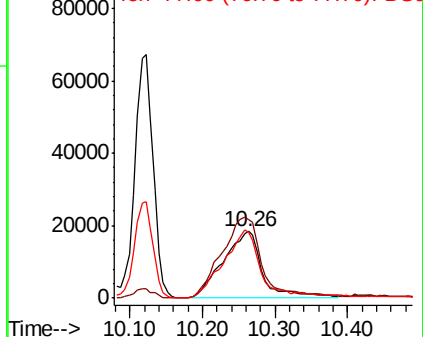


#32
Benzoic acid
Concen: 39.561 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion:122 Resp: 70212
Ion Ratio Lower Upper
122 100
105 118.4 101.8 141.8
77 99.4 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

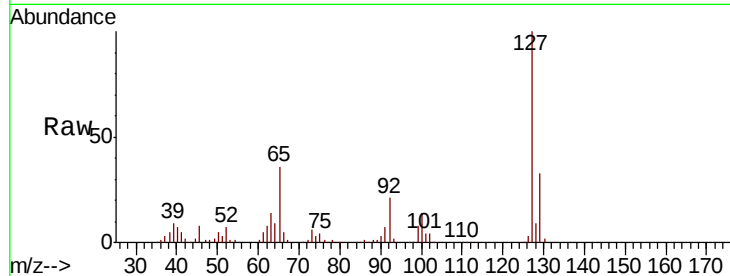




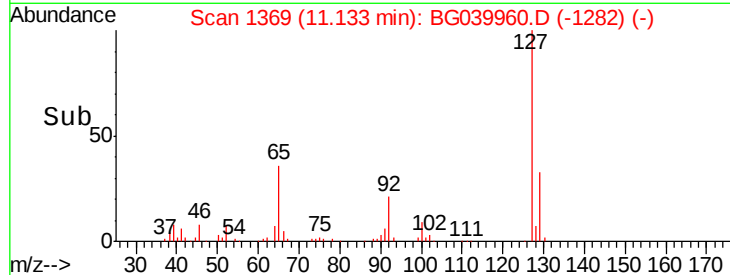
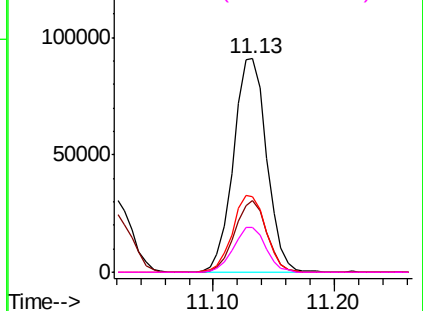
#33
4-Chloroaniline
Concen: 42.310 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion:	127	Resp:	174507
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.0	40.4
65	35.6	28.8	43.2
92	20.9	16.6	25.0

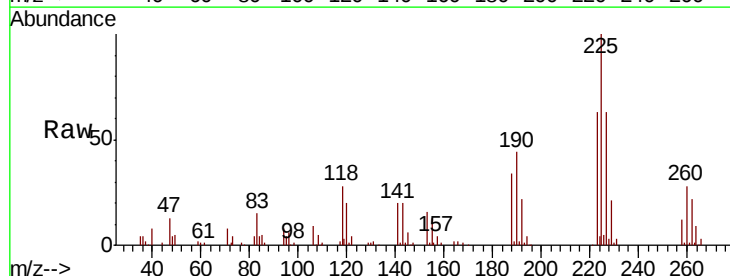


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

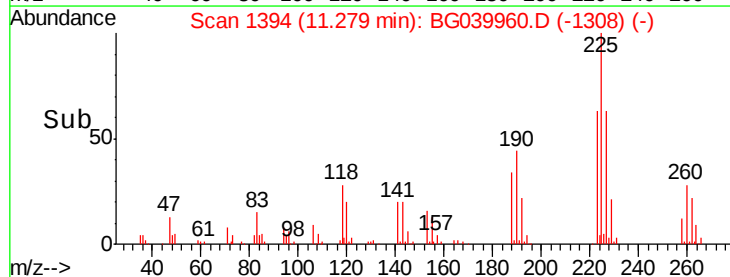
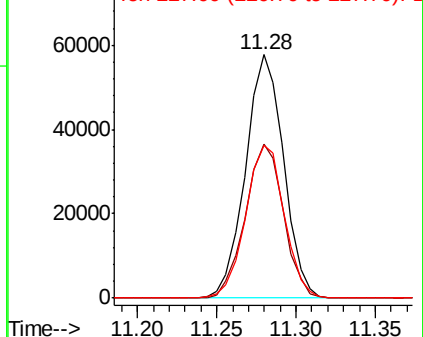


#34
Hexachlorobutadiene
Concen: 41.655 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion:	225	Resp:	96497
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.0	73.6
227	62.9	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

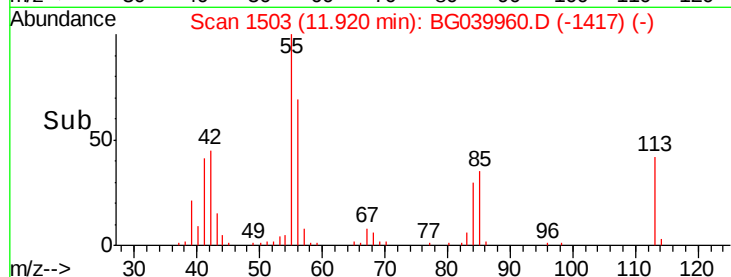
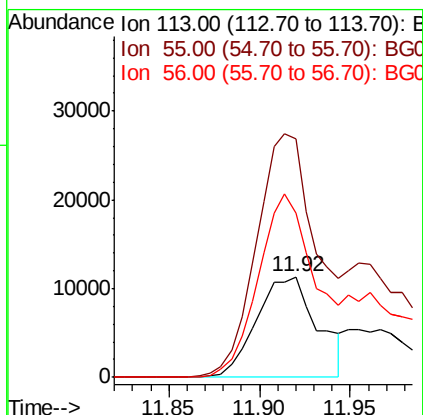
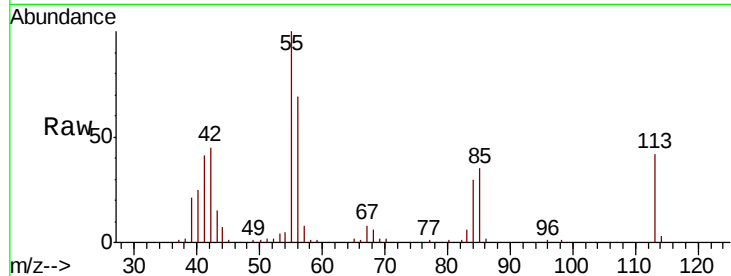




#35
 Caprolactam
 Concen: 22.997 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

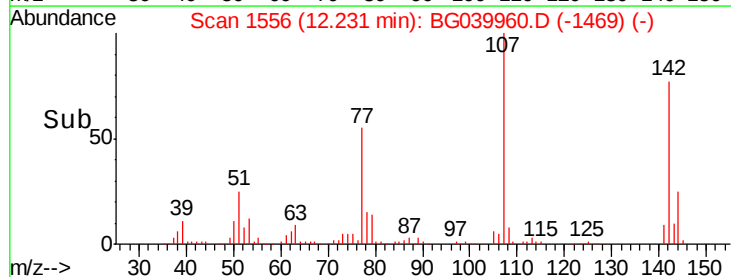
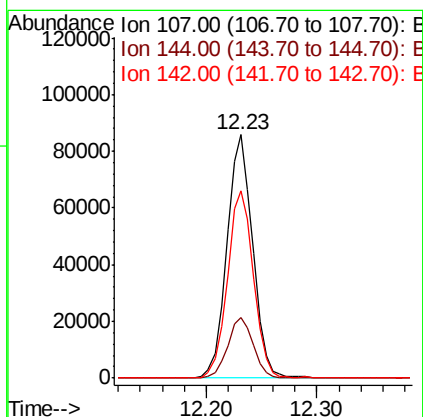
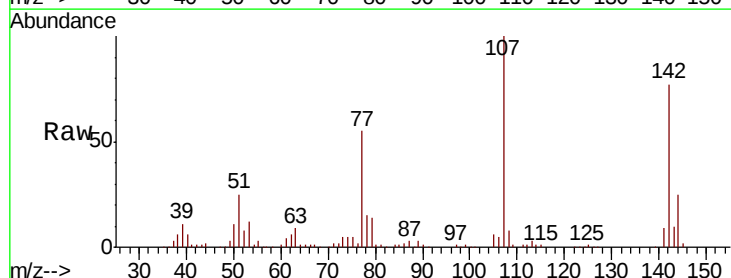
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

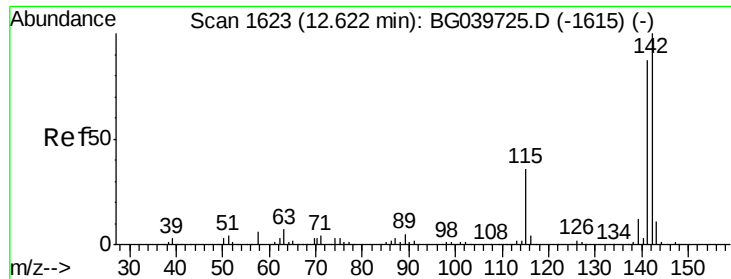
Tgt Ion:113 Resp: 26465
 Ion Ratio Lower Upper
 113 100
 55 236.9 216.9 256.9
 56 163.4 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 40.659 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion:107 Resp: 140416
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.2 30.2
 142 77.1 61.4 92.2

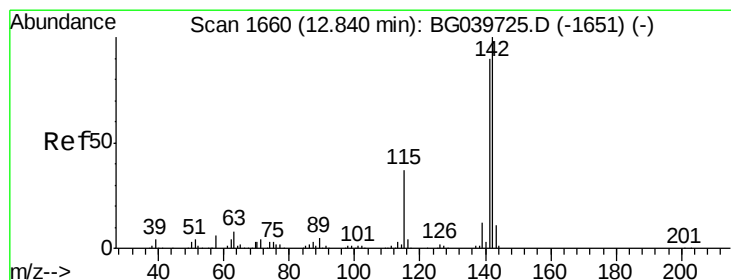
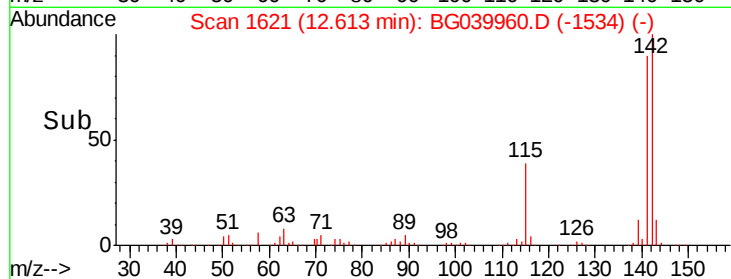
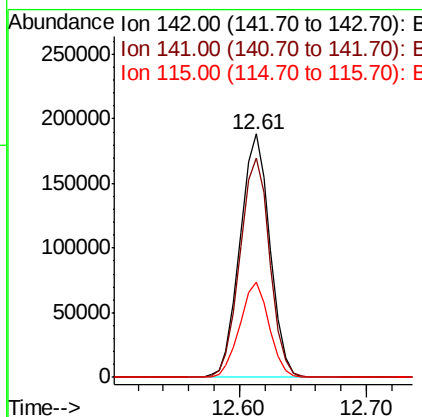
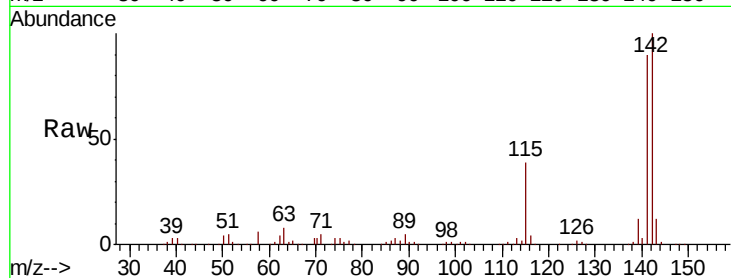




#37
 2-Methylnaphthalene
 Concen: 42.239 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

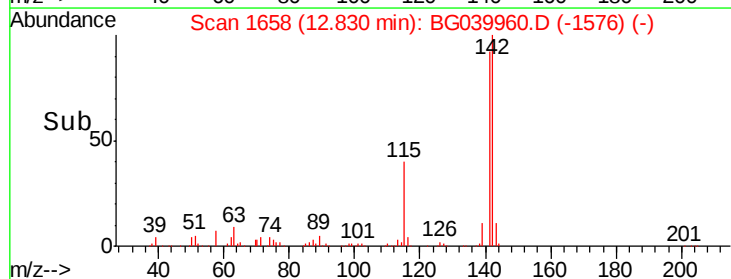
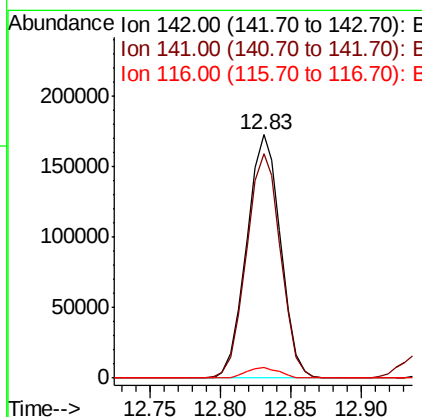
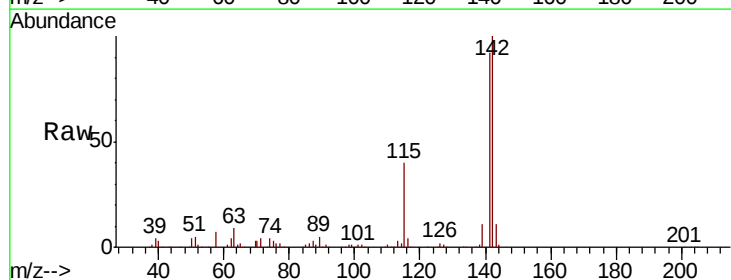
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

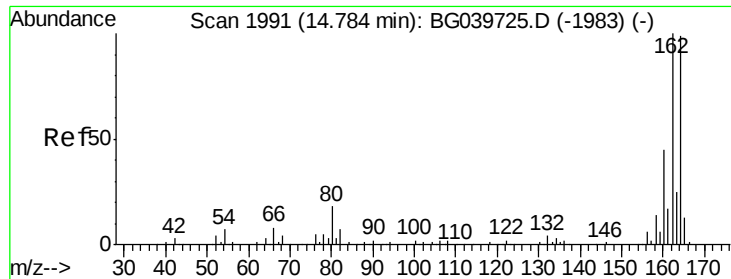
Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.5	110.3
115	39.0	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 41.091 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

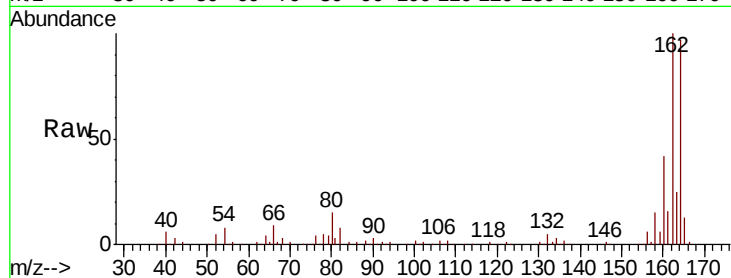
Tgt Ion:164 Resp: 119627

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

160 43.2 34.2 51.2

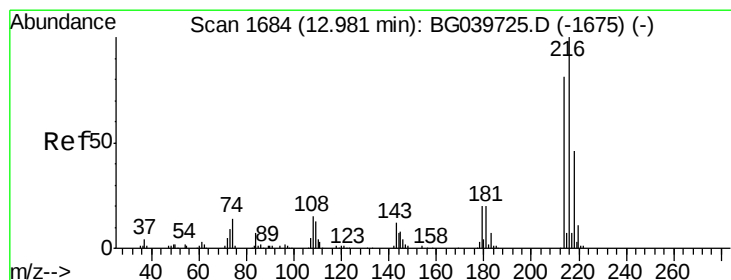
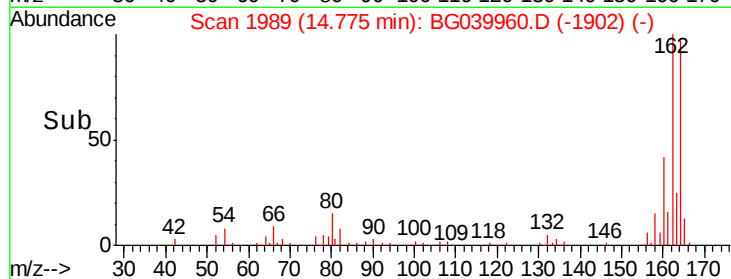
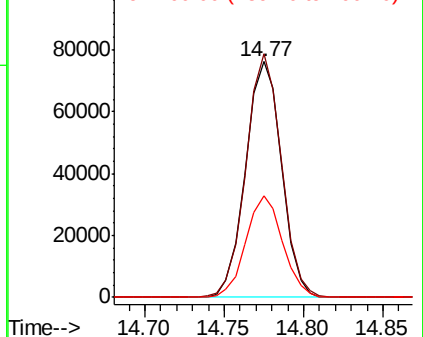


Abundance

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: 42.183 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Tgt Ion:216 Resp: 170953

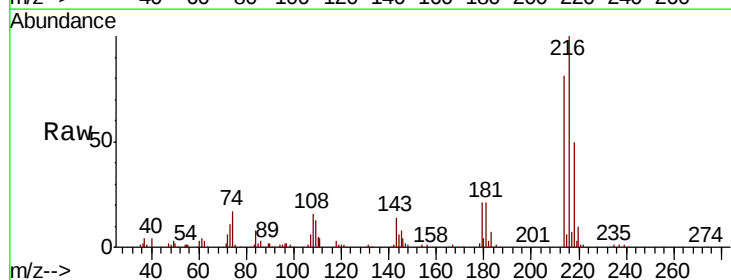
Ion Ratio Lower Upper

216 100

214 78.8 62.6 94.0

179 20.1 16.6 25.0

108 19.4 14.0 21.0



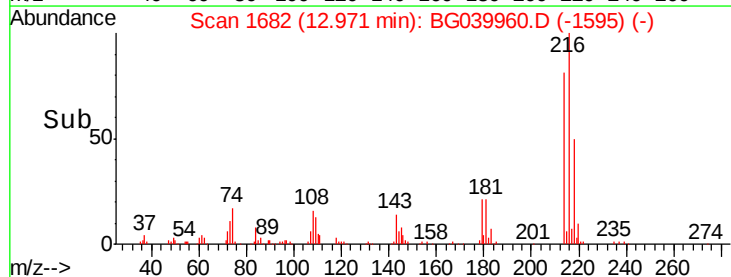
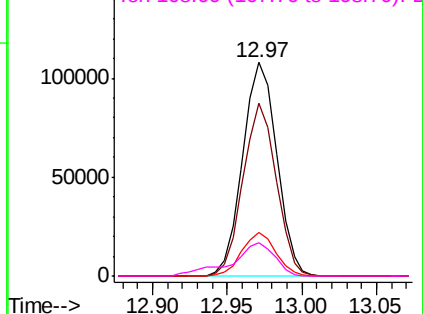
Abundance

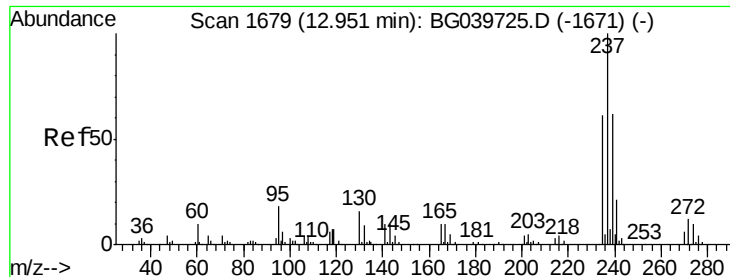
Ion 216.00 (215.70 to 216.70): E

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: 110.202 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

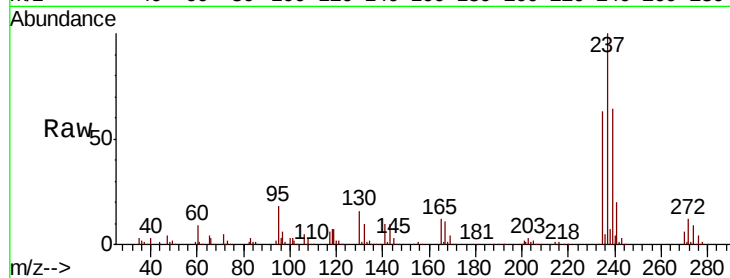
Tgt Ion: 237 Resp: 239342

Ion Ratio Lower Upper

237 100

235 62.8 43.3 83.3

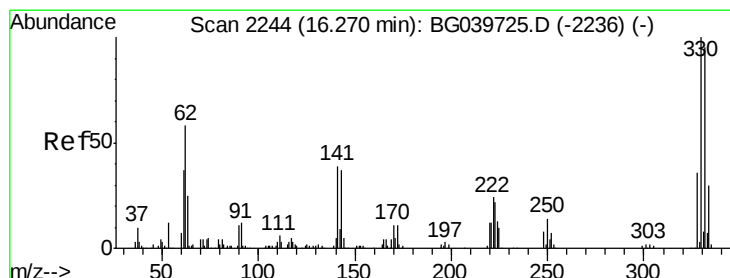
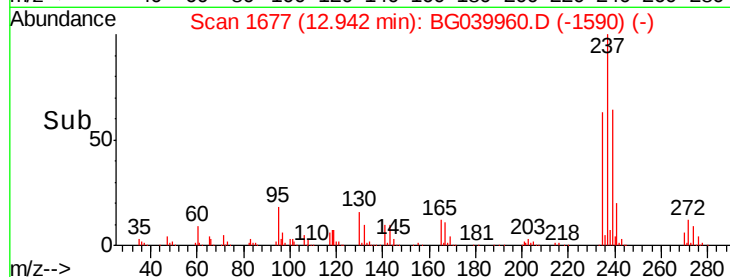
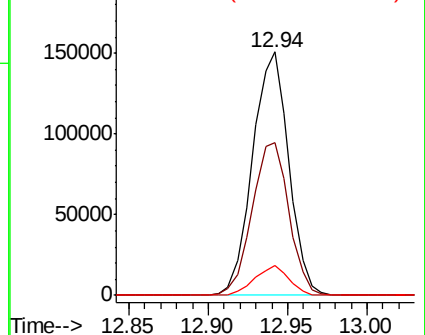
272 12.0 0.0 32.3



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: 79.322 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

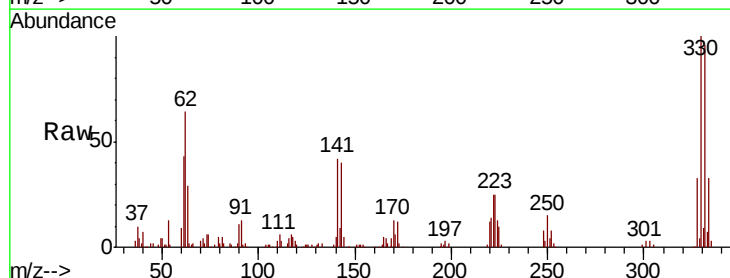
Tgt Ion: 330 Resp: 110602

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

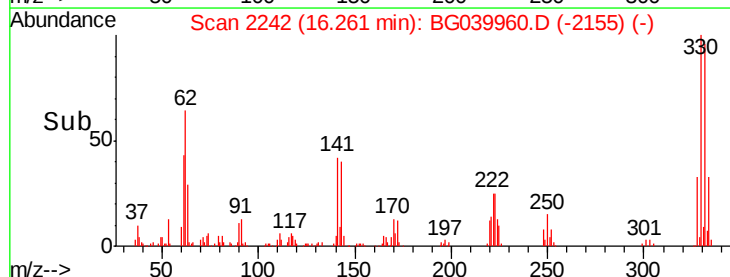
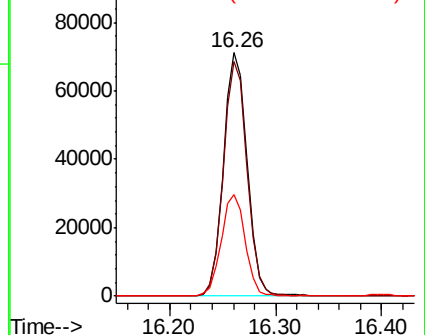
141 42.2 35.6 53.4

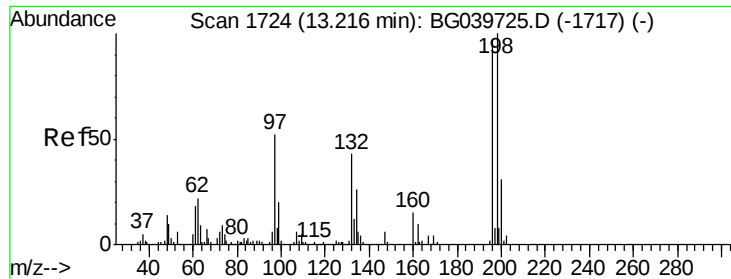


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

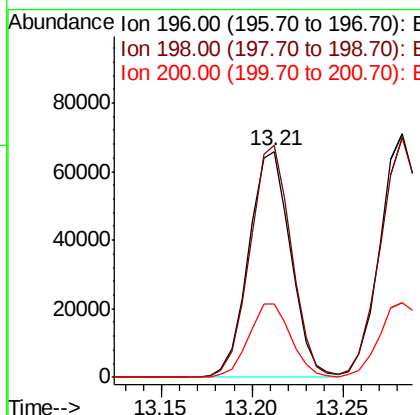
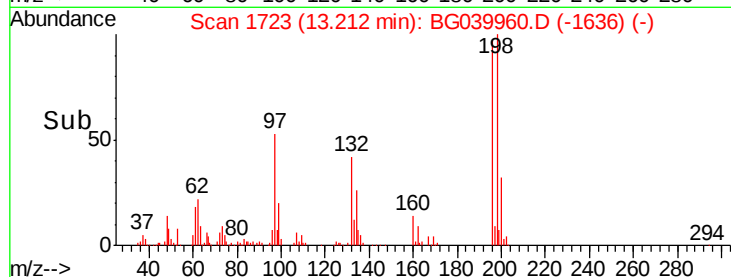
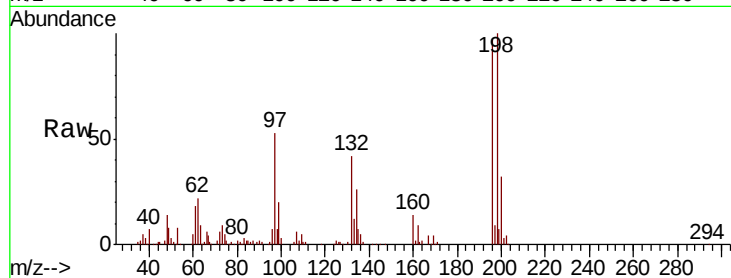




#43
 2,4,6-Trichlorophenol
 Concen: 44.608 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

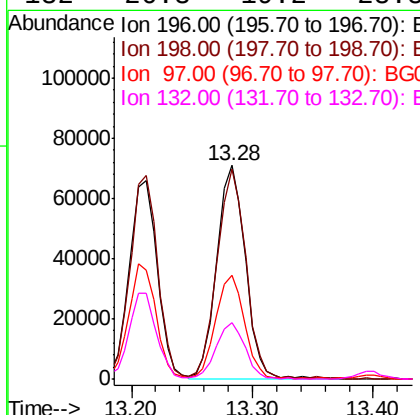
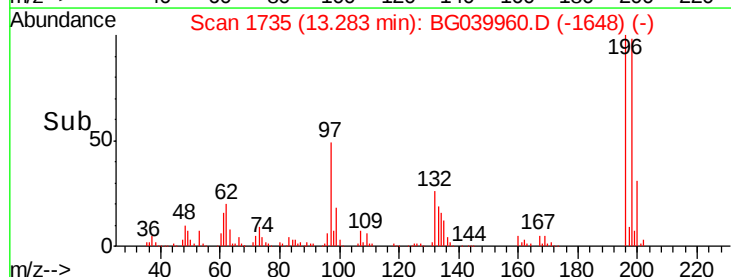
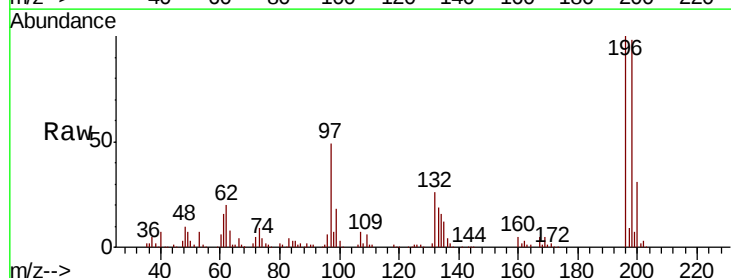
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

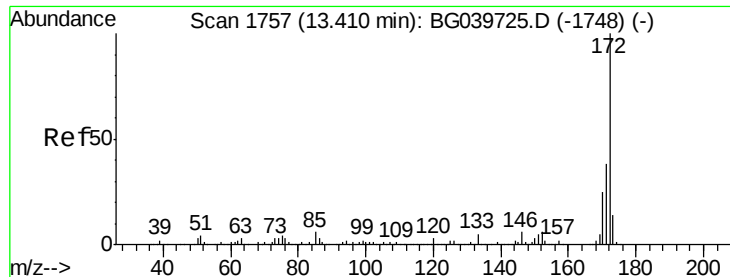
Tgt Ion:196 Resp: 105840
 Ion Ratio Lower Upper
 196 100
 198 103.0 80.6 121.0
 200 32.8 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.481 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion:196 Resp: 116286
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.5 117.7
 97 48.7 38.4 57.6
 132 26.3 19.2 28.8

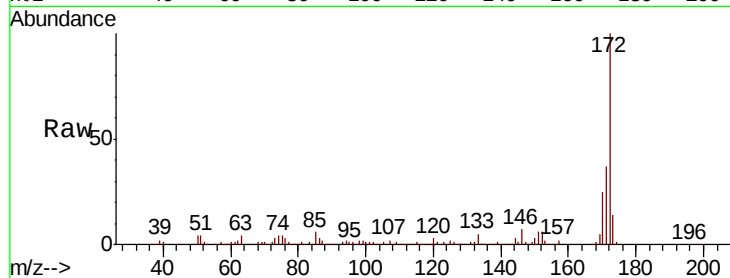




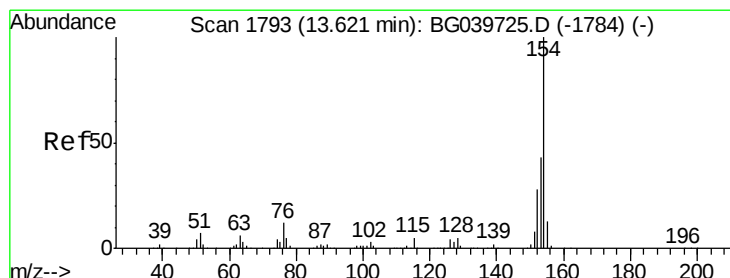
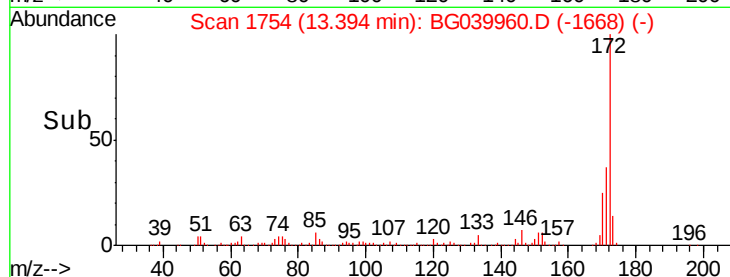
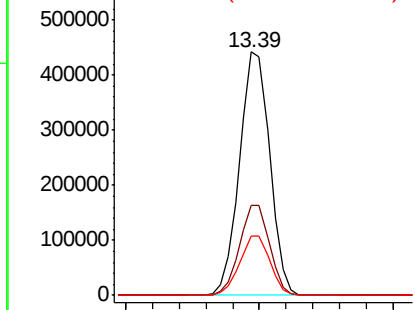
#45
 2-Fluorobiphenyl
 Concen: 82.335 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tgt Ion:172 Resp: 691761
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 24.6 20.2 30.4

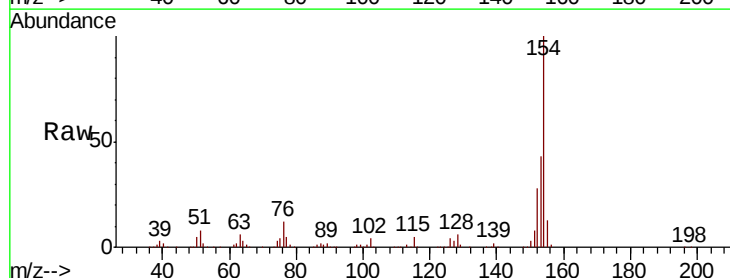


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

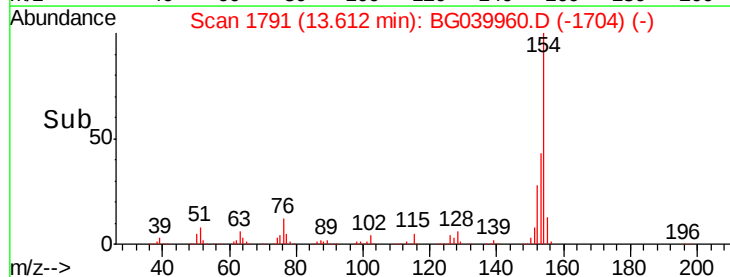
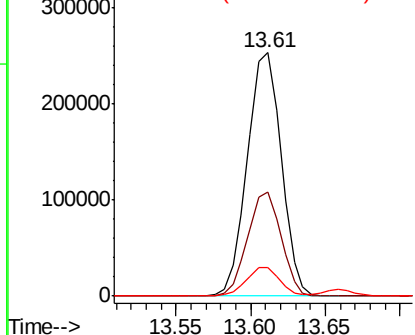


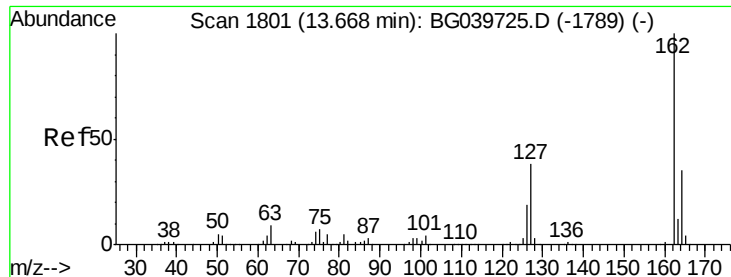
#46
 1,1'-Biphenyl
 Concen: 40.590 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion:154 Resp: 399376
 Ion Ratio Lower Upper
 154 100
 153 42.9 22.1 62.1
 76 11.5 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

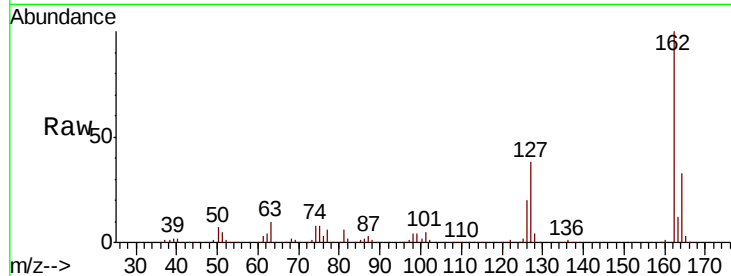




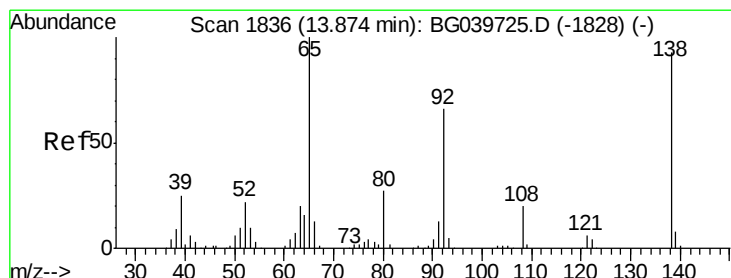
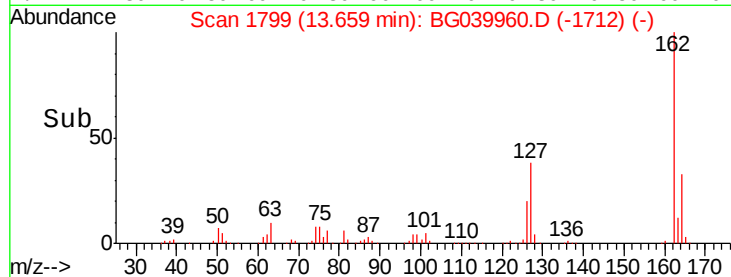
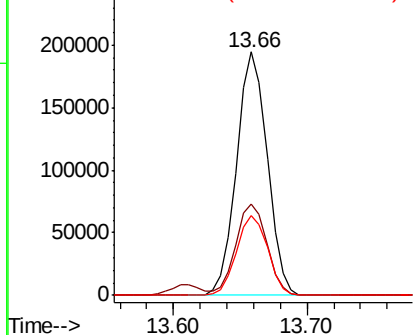
#47
 2-Chloronaphthalene
 Concen: 41.816 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tgt Ion: 162 Resp: 309521
 Ion Ratio Lower Upper
 162 100
 127 37.6 31.0 46.6
 164 32.8 25.7 38.5

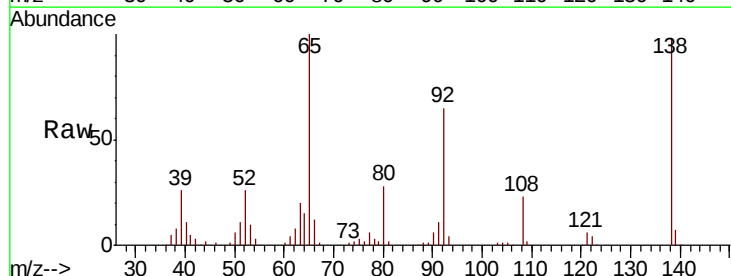


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

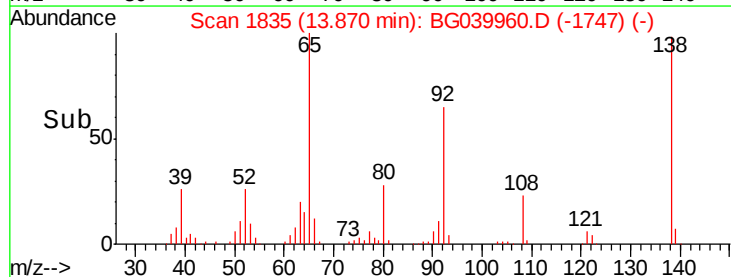
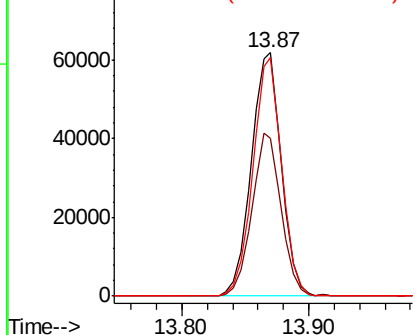


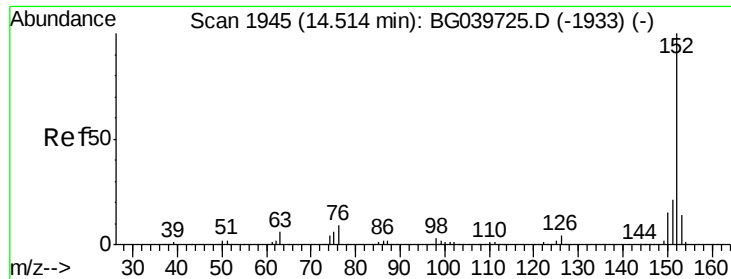
#48
 2-Nitroaniline
 Concen: 42.866 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion: 65 Resp: 101967
 Ion Ratio Lower Upper
 65 100
 92 64.7 51.4 77.2
 138 98.1 71.4 107.2



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





#49

Acenaphthylene

Concen: 40.600 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

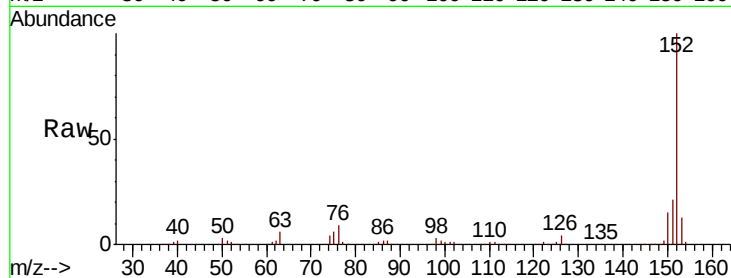
Tgt Ion:152 Resp: 493330

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

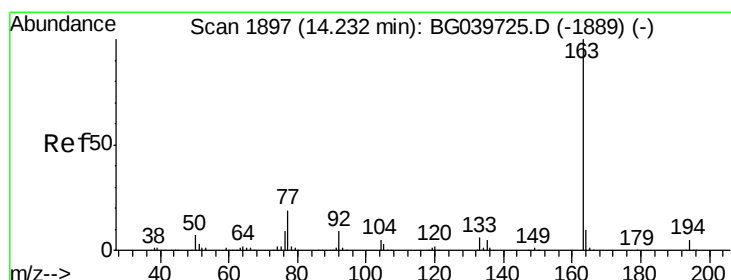
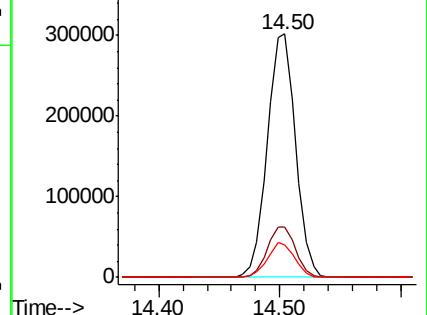
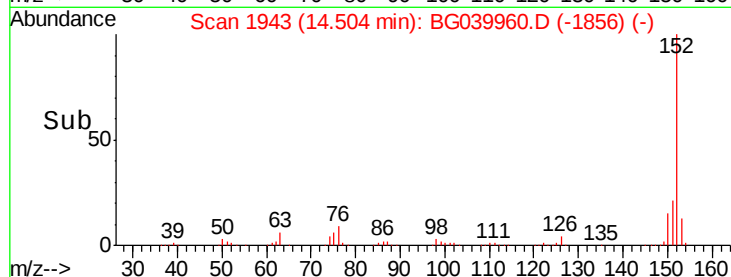
153 13.2 11.7 17.5



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: 39.052 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

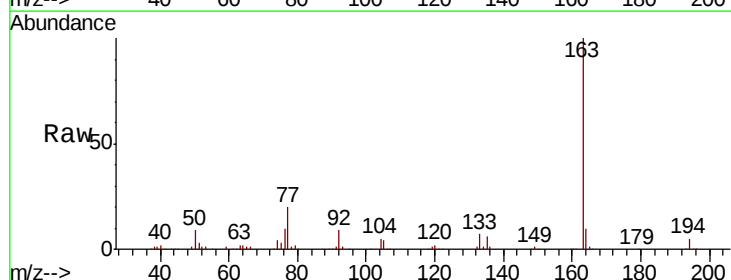
Tgt Ion:163 Resp: 390645

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

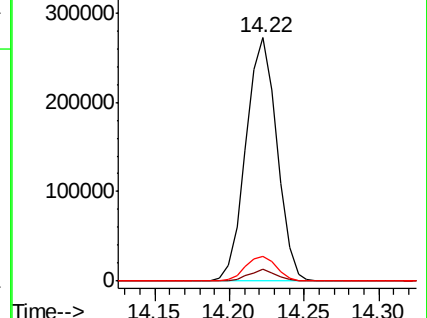
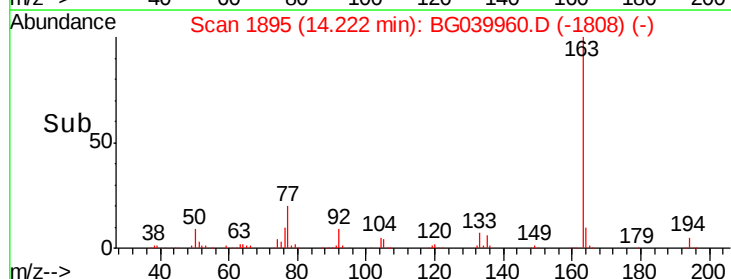
164 9.9 8.4 12.6



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

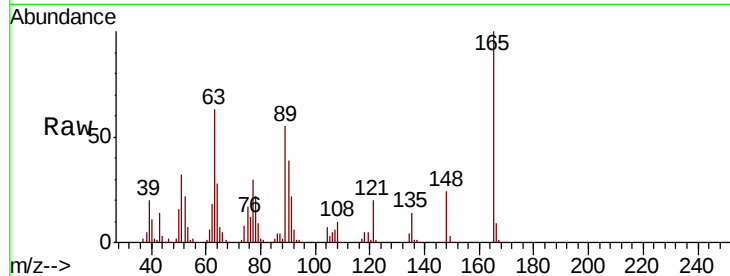




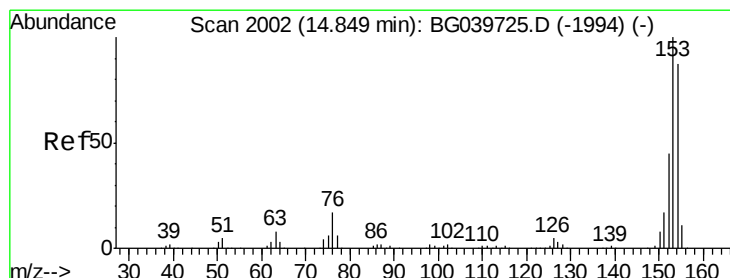
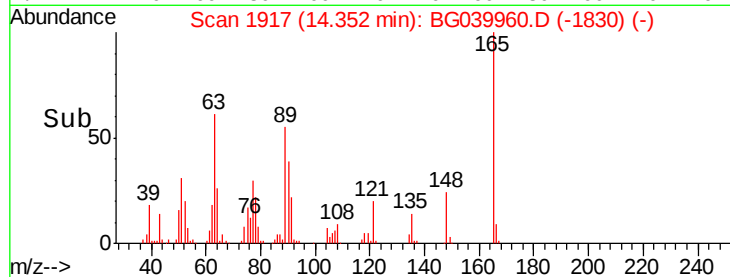
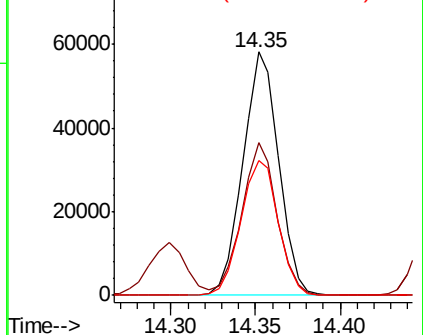
#51
 2,6-Dinitrotoluene
 Concen: 40.365 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.5	47.0	70.6
89	55.4	45.8	68.8

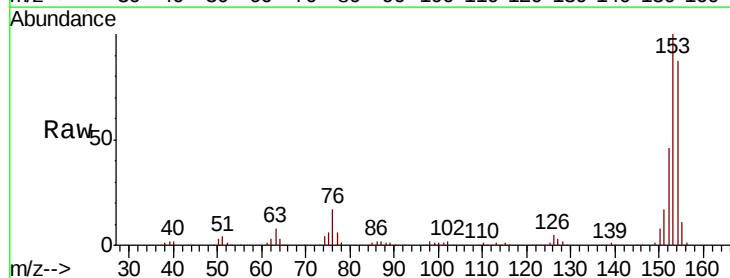


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

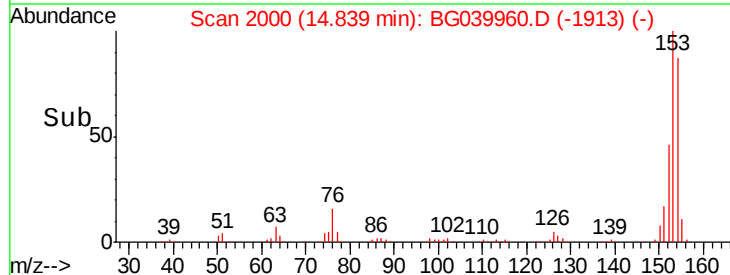
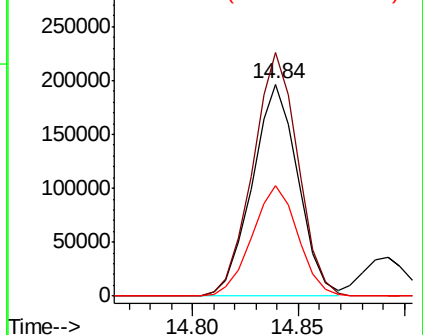


#52
 Acenaphthene
 Concen: 40.573 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.1	135.1
152	52.3	40.9	61.3



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





#53

3-Nitroaniline

Concen: 39.064 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

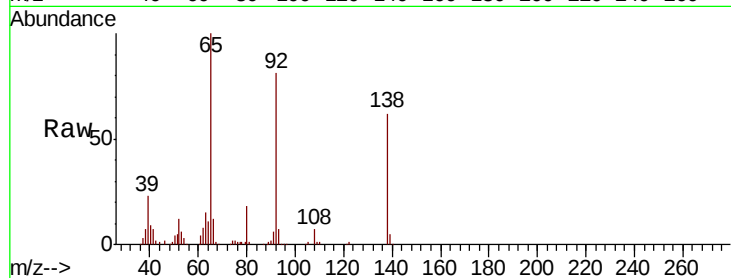
Tgt Ion:138 Resp: 83271

Ion Ratio Lower Upper

138 100

108 10.7 13.8 20.8#

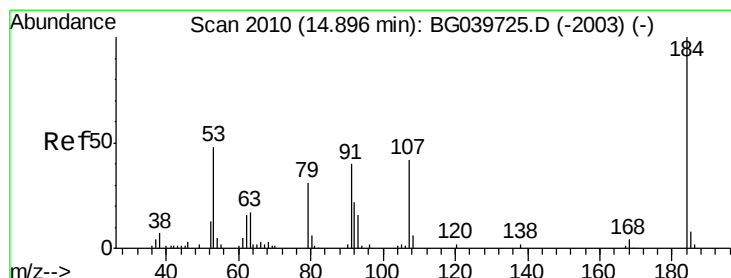
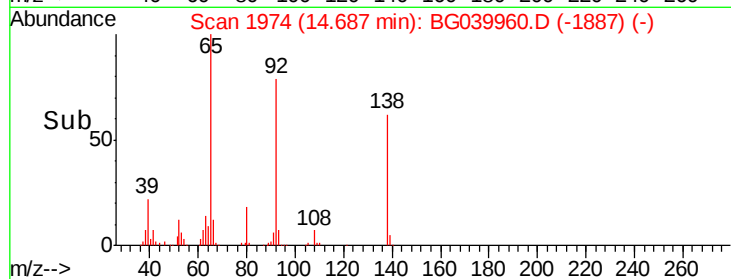
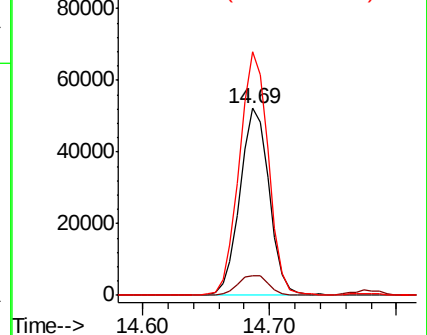
92 130.0 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 64.508 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

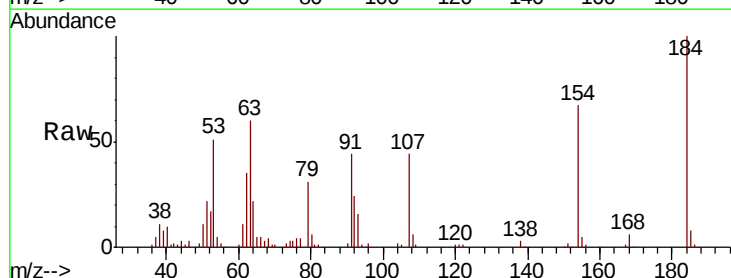
Tgt Ion:184 Resp: 84811

Ion Ratio Lower Upper

184 100

63 60.3 50.9 76.3

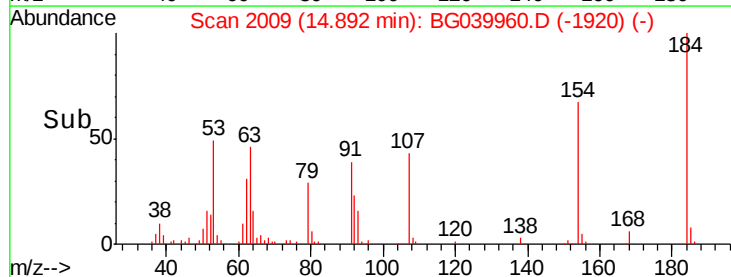
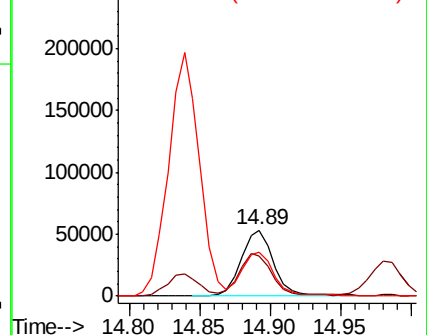
154 67.3 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.286 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

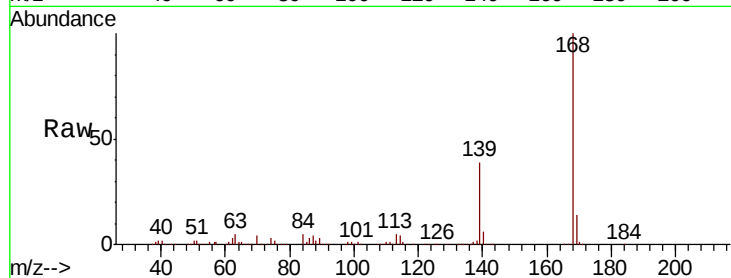
Tgt Ion:168 Resp: 483393

Ion Ratio Lower Upper

168 100

139 38.9 30.1 45.1

169 14.2 10.6 16.0

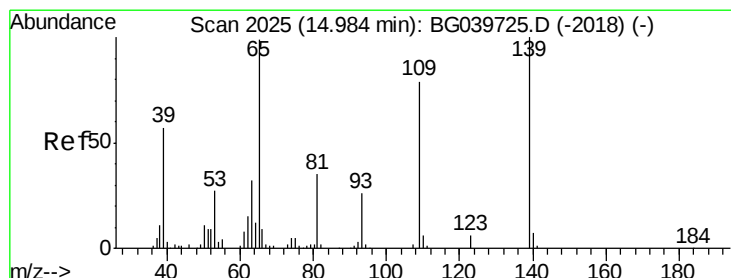
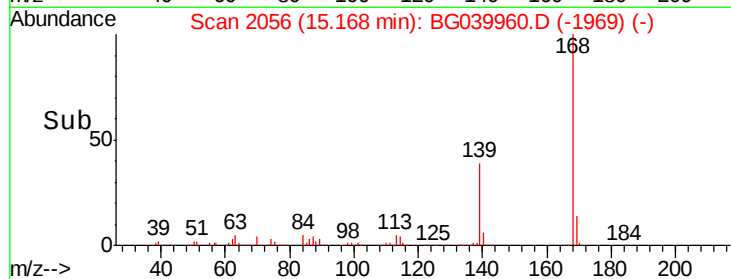
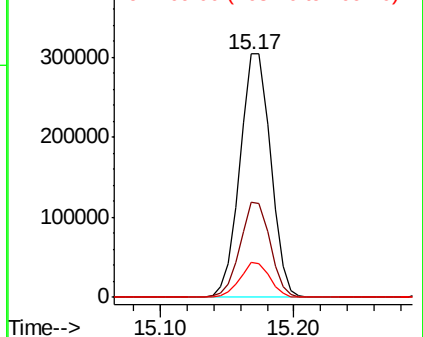


Abundance

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: 71.136 ng

RT: 14.99 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

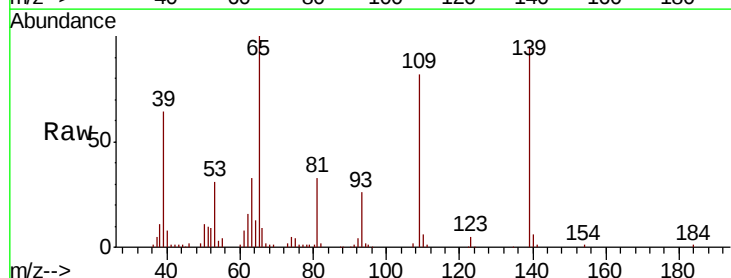
Tgt Ion:139 Resp: 135650

Ion Ratio Lower Upper

139 100

109 85.6 61.9 101.9

65 104.7 99.1 139.1

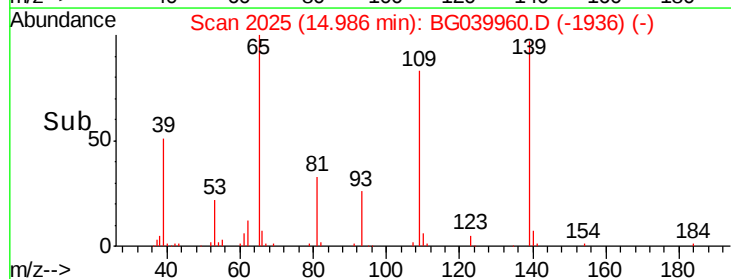
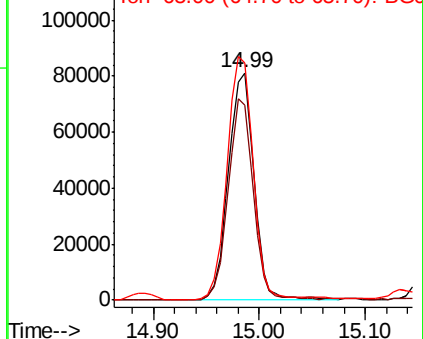


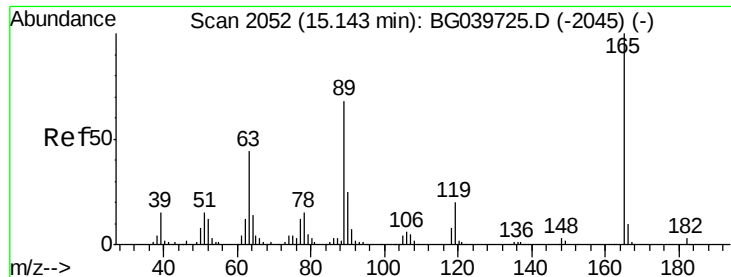
Abundance

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): BG

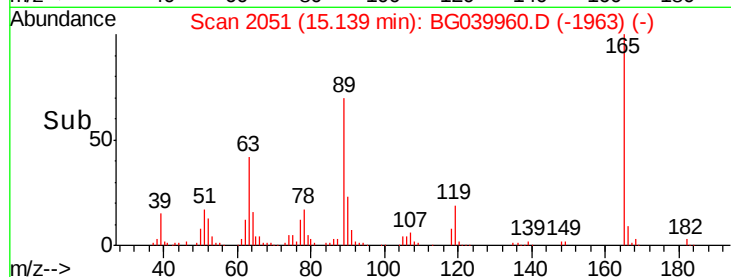
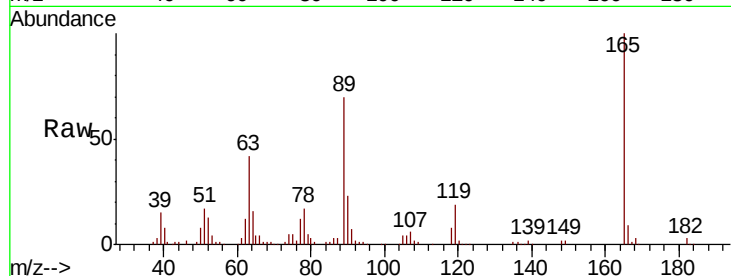




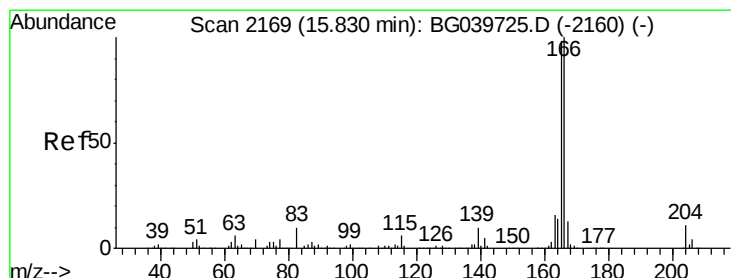
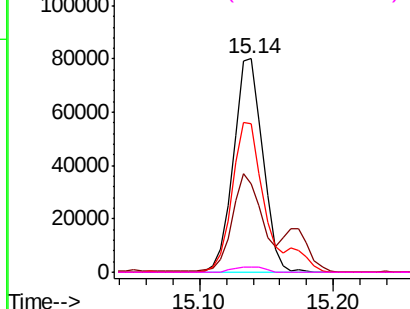
#57
2,4-Dinitrotoluene
Concen: 40.996 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion:	165	Resp:	122156
Ion	Ratio	Lower	Upper
165	100		
63	41.5	41.0	61.6
89	69.8	64.6	96.8
182	2.6	2.0	3.0

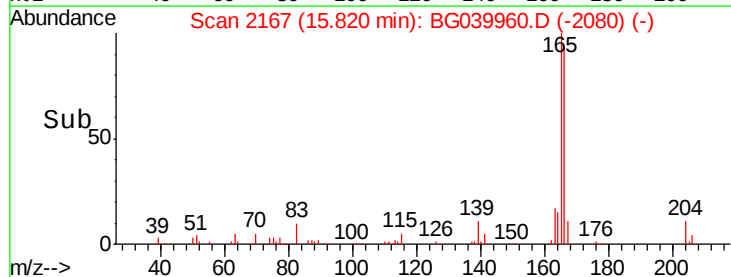
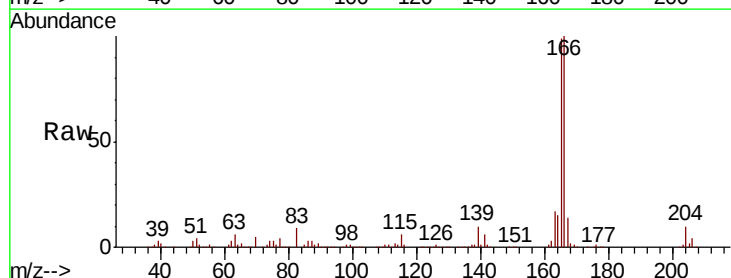


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

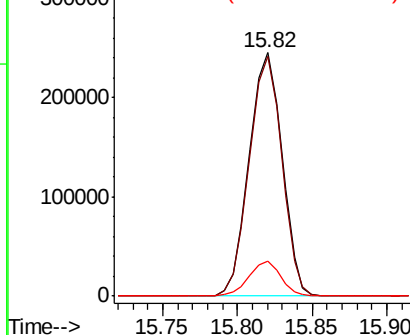


#58
Fluorene
Concen: 39.665 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion:	166	Resp:	374158
Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.9	116.9
167	14.1	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

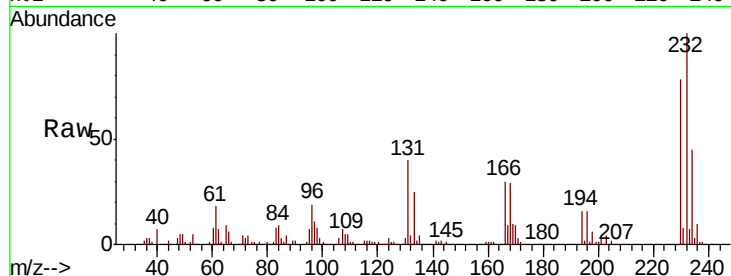




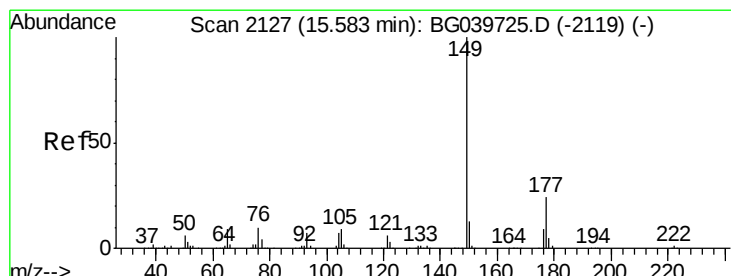
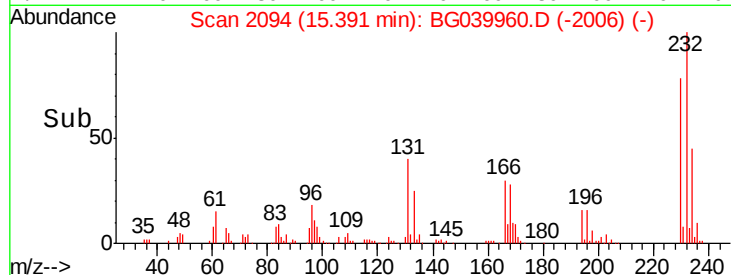
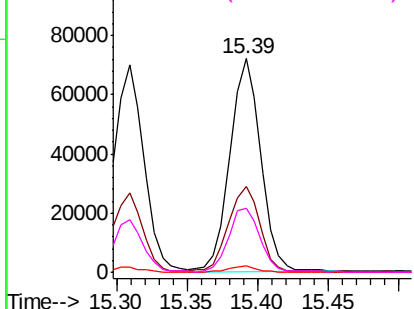
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.847 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampled :
 PB117964BS

Tgt Ion:	232	Resp:	109299
Ion	Ratio	Lower	Upper
232	100		
131	41.1	34.9	52.3
130	2.6	2.0	3.0
166	31.1	24.1	36.1

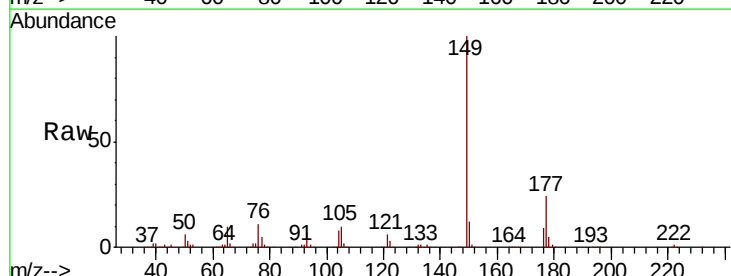


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

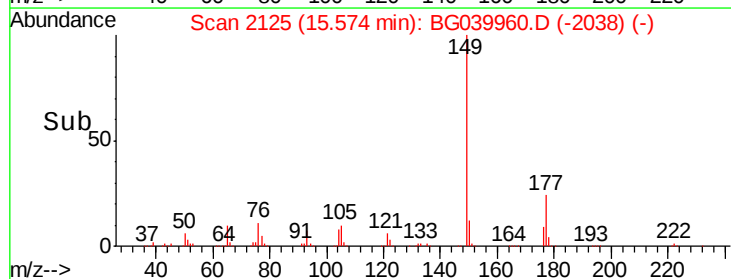
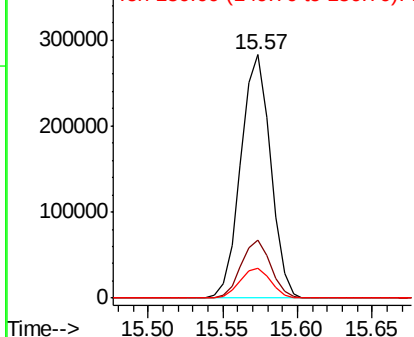


#60
 Diethylphthalate
 Concen: 39.408 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion:	149	Resp:	390235
Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.3	27.5
150	12.2	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

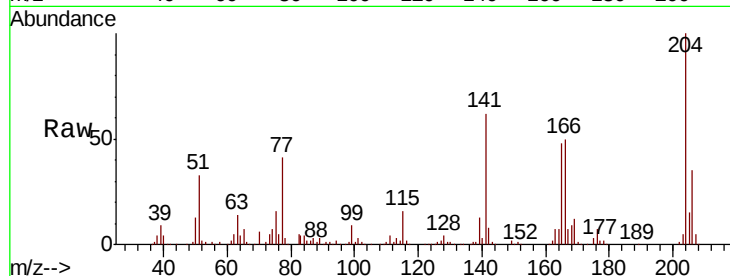




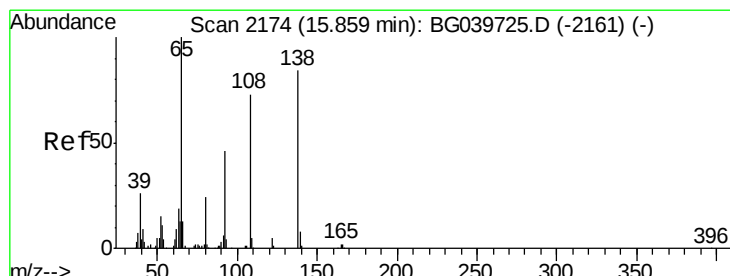
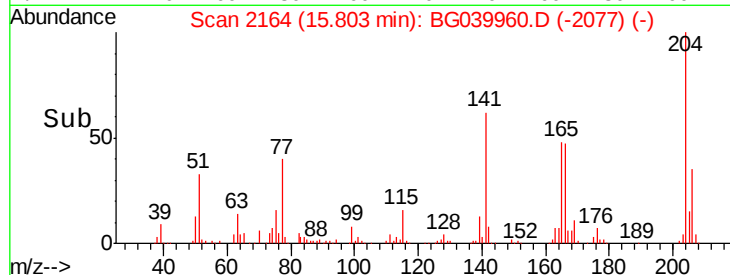
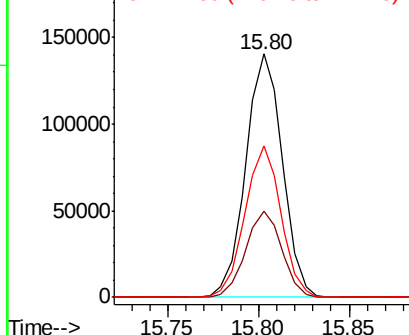
#61
 4-Chlorophenyl-phenylether
 Concen: 39.438 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tgt Ion: 204 Resp: 198515
 Ion Ratio Lower Upper
 204 100
 206 35.2 29.2 43.8
 141 62.3 49.0 73.4

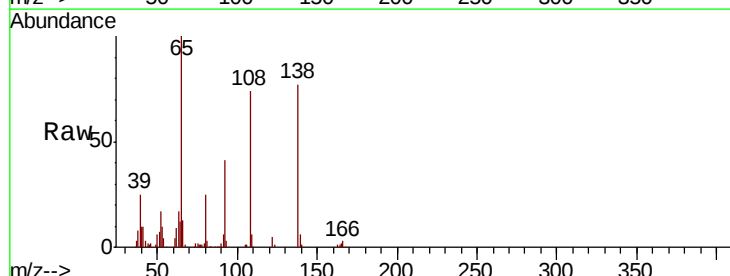


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

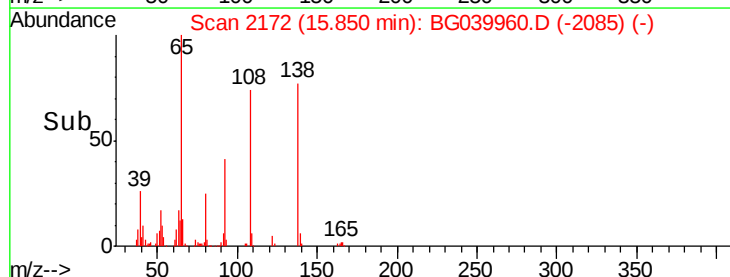
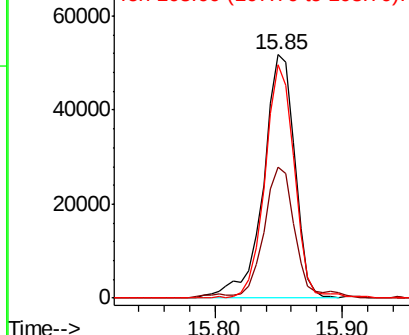


#62
 4-Nitroaniline
 Concen: 38.749 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion: 138 Resp: 89547
 Ion Ratio Lower Upper
 138 100
 92 53.7 38.7 78.7
 108 95.8 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

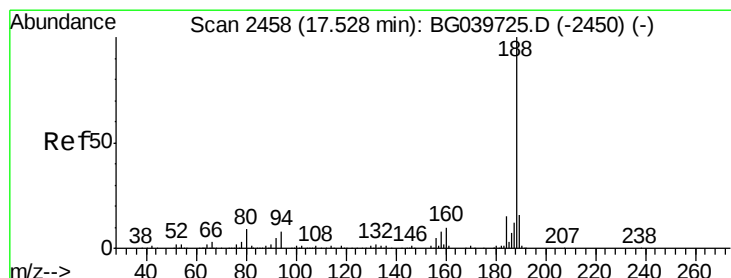
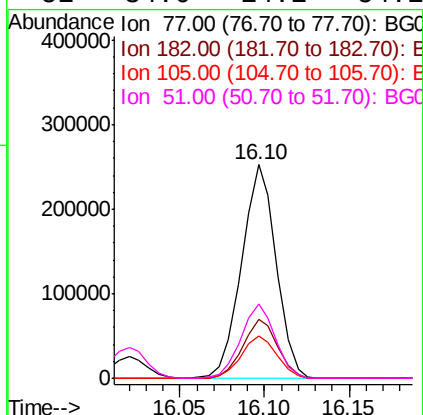
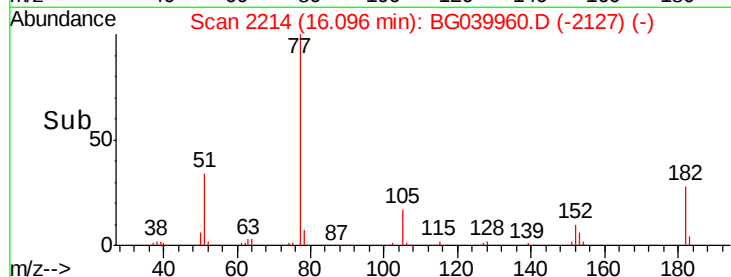
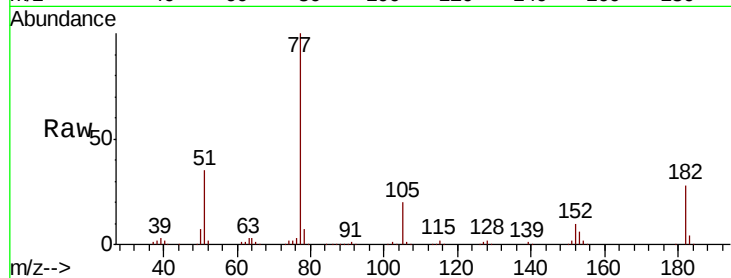




#63
Azobenzene
Concen: 40.003 ng
RT: 16.10 min Scan# 2214
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

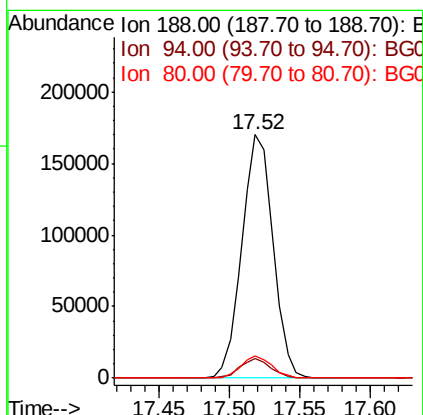
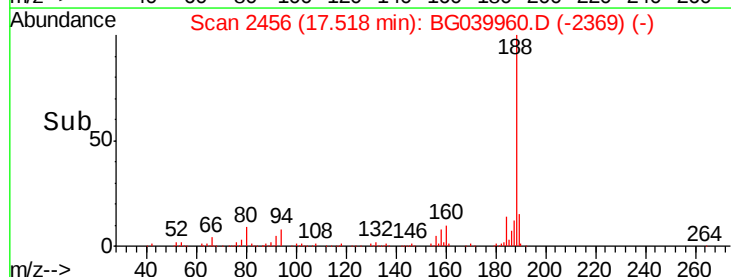
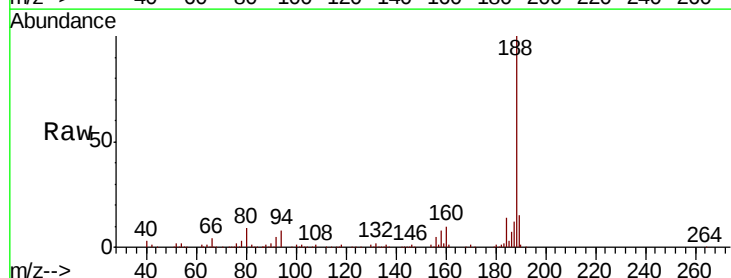
Instrument :
BNA_G
ClientSampleId :
PB117964BS

Tgt Ion:	77	Resp:	359077
Ion	Ratio	Lower	Upper
77	100		
182	27.6	6.4	46.4
105	20.0	0.0	39.8
51	34.6	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion:	188	Resp:	262549
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.9	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 45.146 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

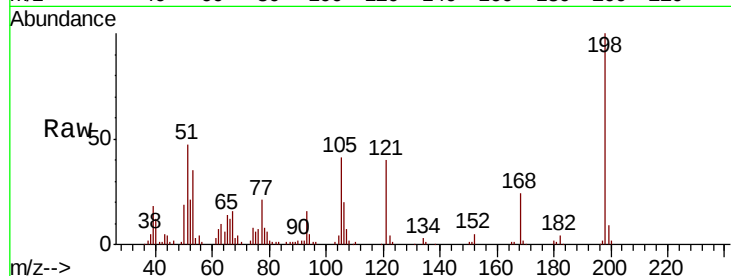
Tgt Ion:198 Resp: 70083

Ion Ratio Lower Upper

198 100

51 47.2 27.4 67.4

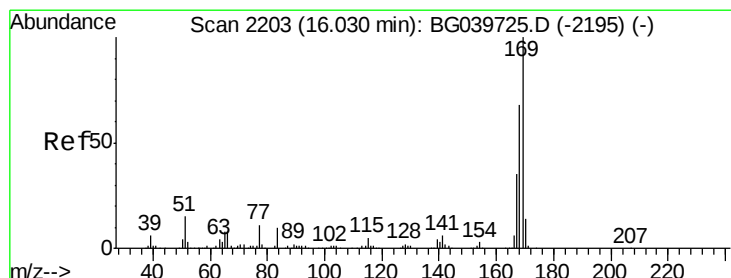
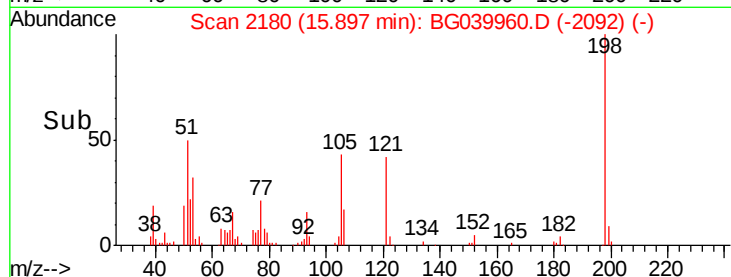
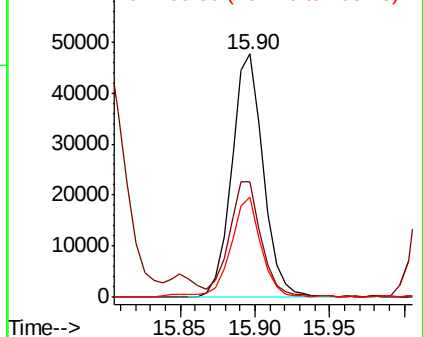
105 40.9 19.7 59.7



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: 44.538 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

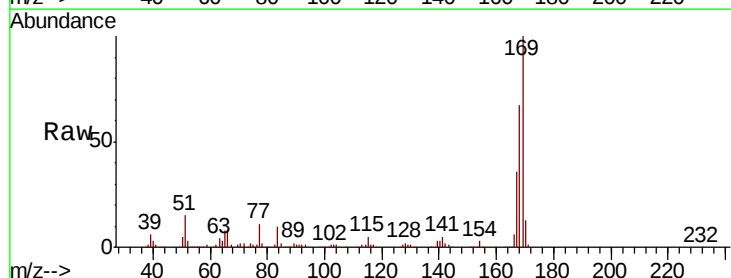
Tgt Ion:169 Resp: 338525

Ion Ratio Lower Upper

169 100

168 67.3 56.6 85.0

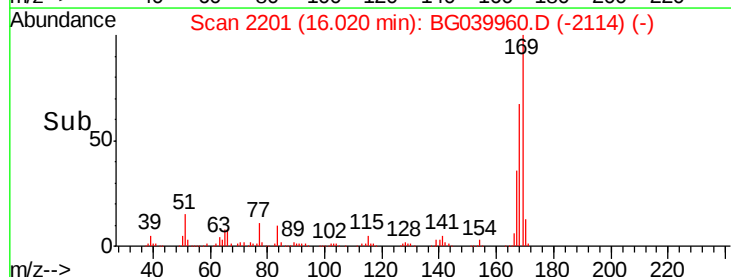
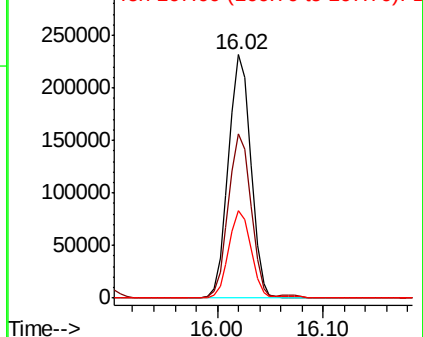
167 35.7 28.8 43.2



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

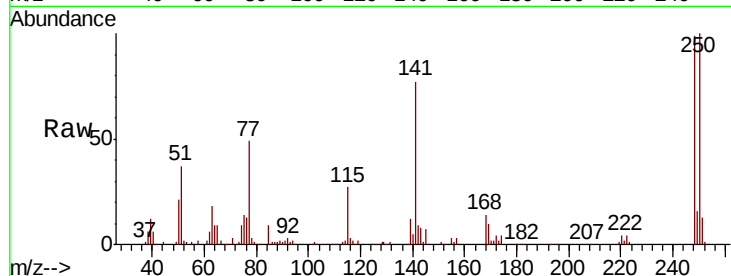




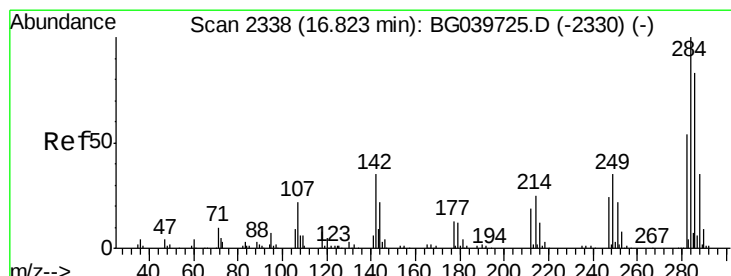
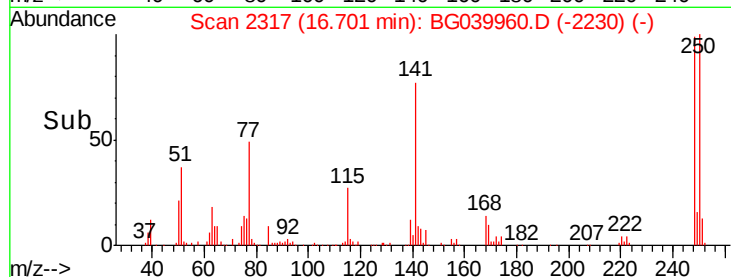
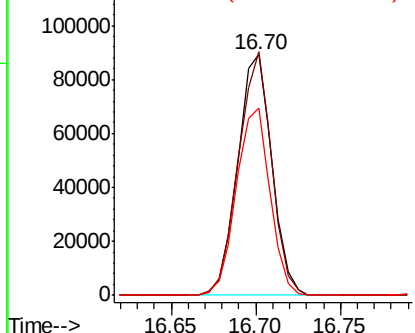
#67
 4-Bromophenyl-phenylether
 Concen: 42.652 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tgt Ion: 248 Resp: 125347
 Ion Ratio Lower Upper
 248 100
 250 101.1 77.6 116.4
 141 77.6 63.9 95.9

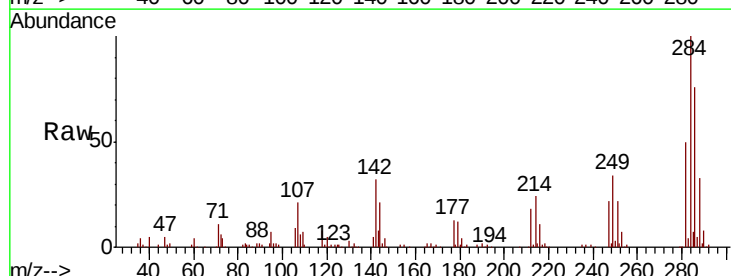


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

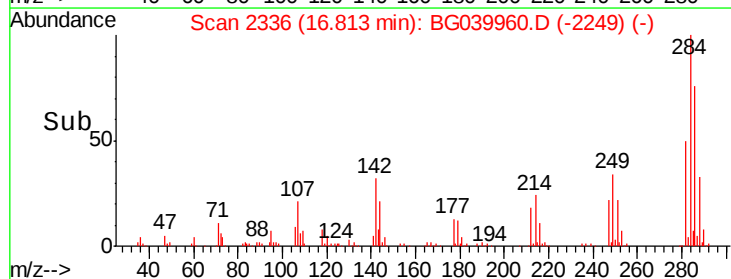
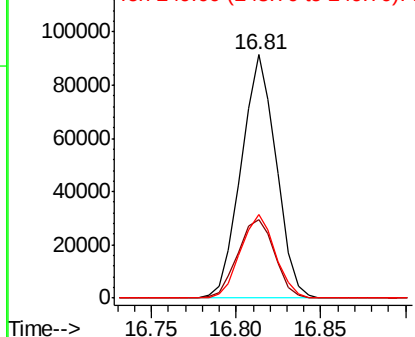


#68
 Hexachlorobenzene
 Concen: 43.117 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion: 284 Resp: 131345
 Ion Ratio Lower Upper
 284 100
 142 32.0 30.6 45.8
 249 34.1 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

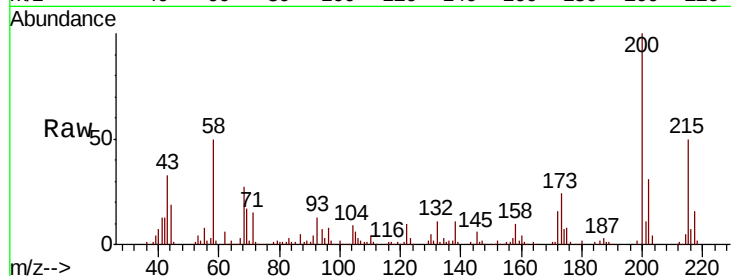




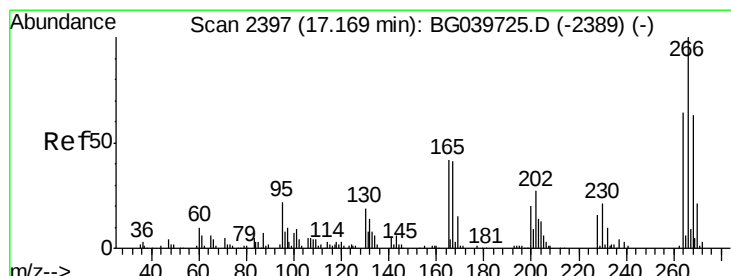
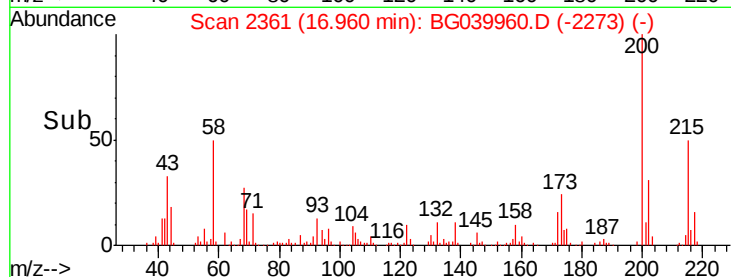
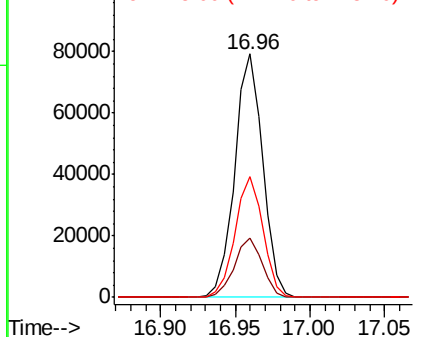
#69
 Atrazine
 Concen: 34.563 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.2	3.9	43.9
215	49.6	30.9	70.9

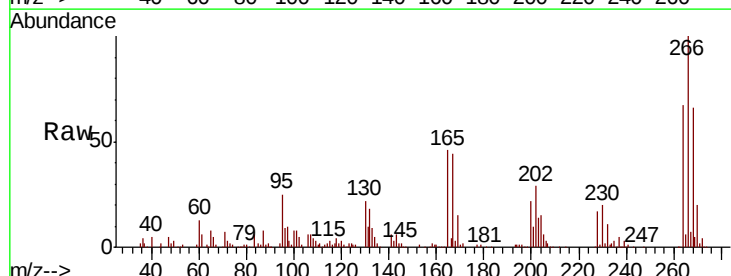


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

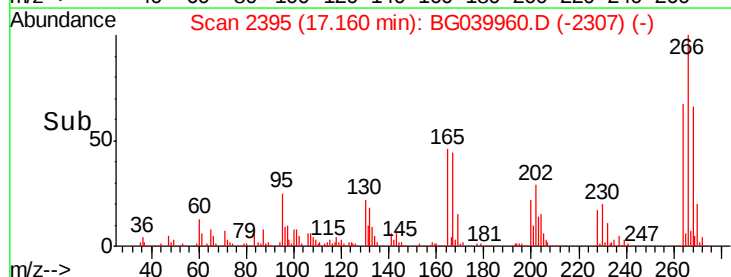
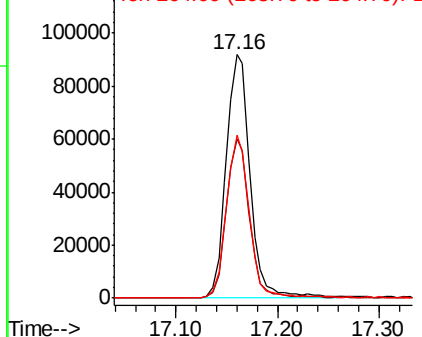


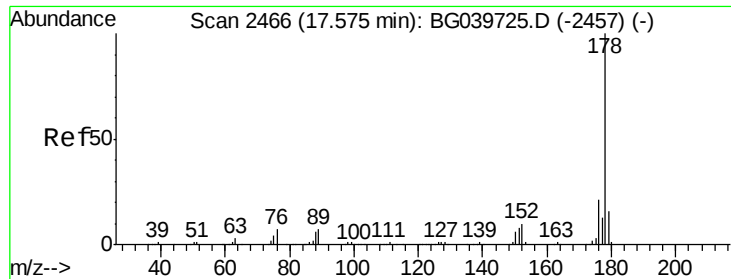
#70
 Pentachlorophenol
 Concen: 78.294 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	66.7	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

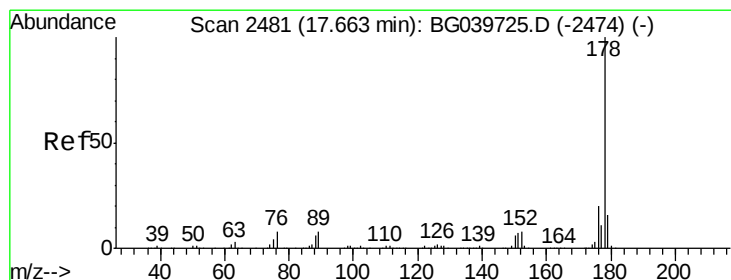
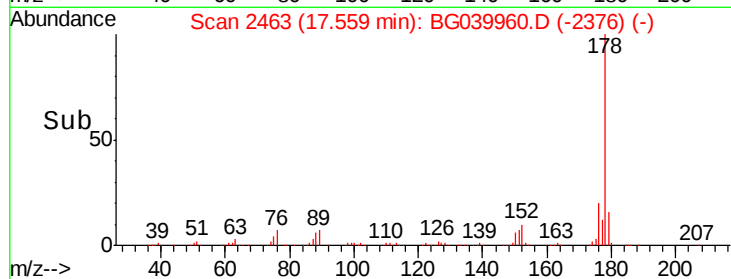
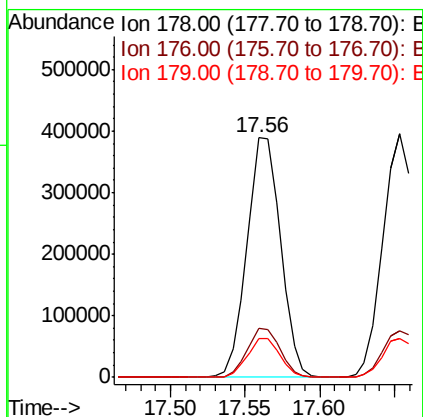
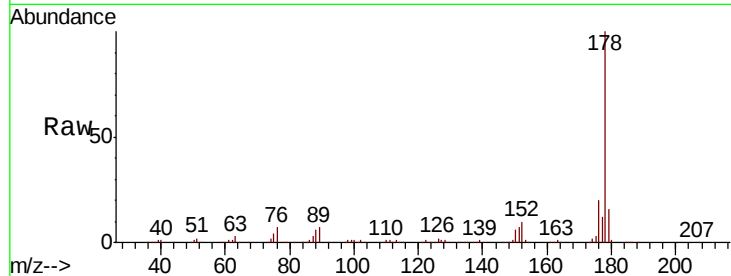




#71
Phenanthrene
Concen: 41.769 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

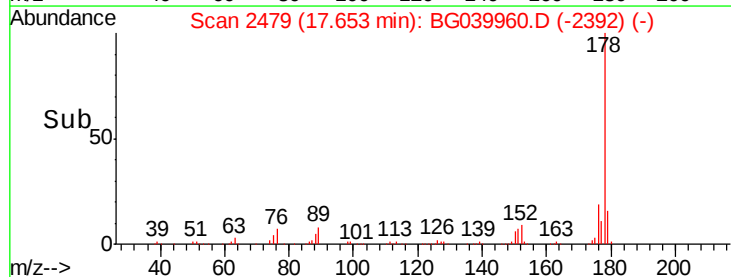
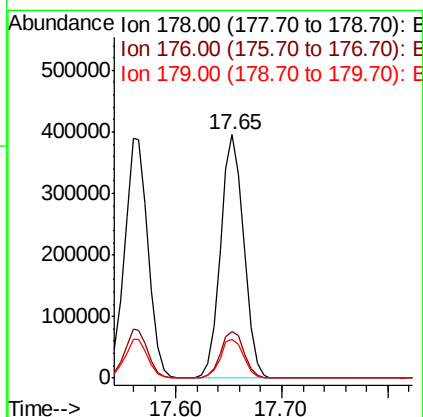
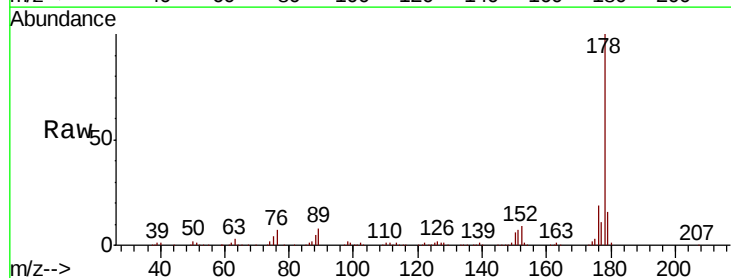
Instrument :
BNA_G
ClientSampleId :
PB117964BS

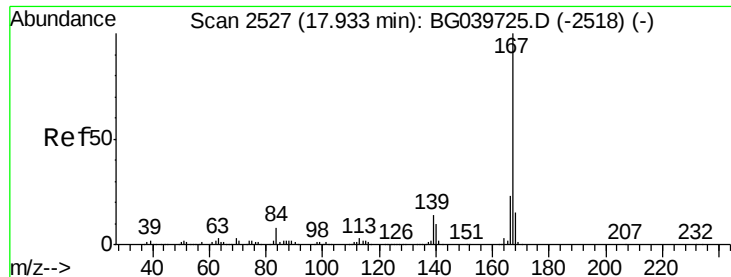
Tgt Ion:178 Resp: 604038
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 42.725 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039960.D
Acq: 16 Mar 2019 3:53

Tgt Ion:178 Resp: 602103
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 16.0 12.5 18.7

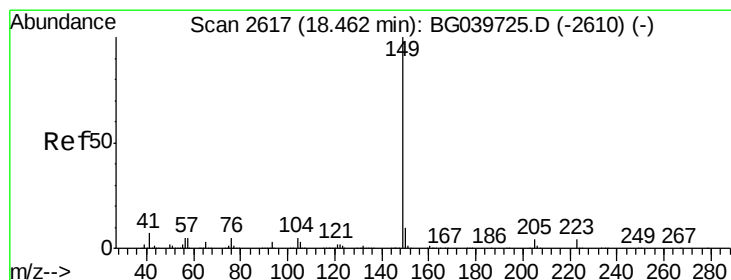
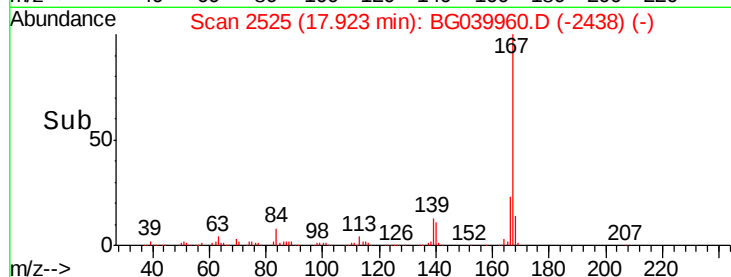
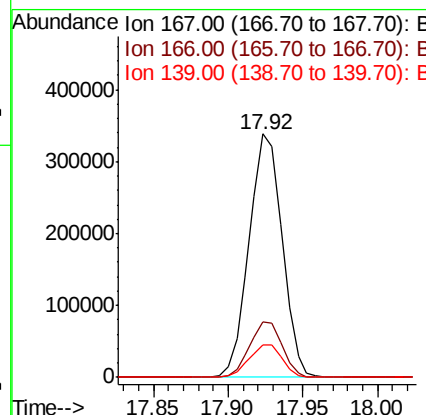
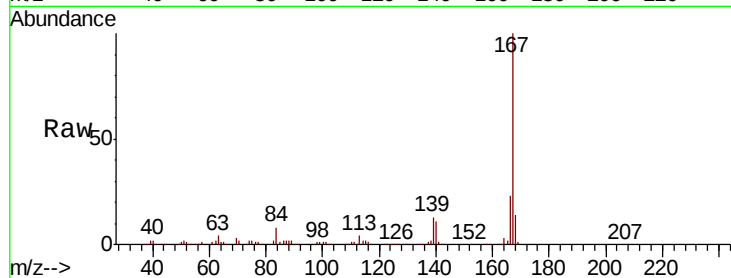




#73
 Carbazole
 Concen: 40.812 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

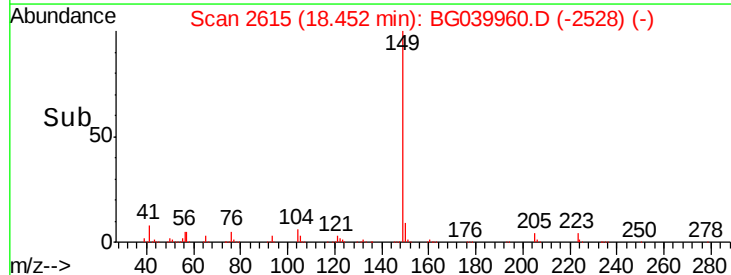
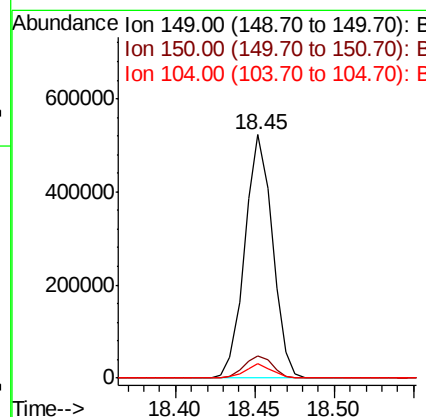
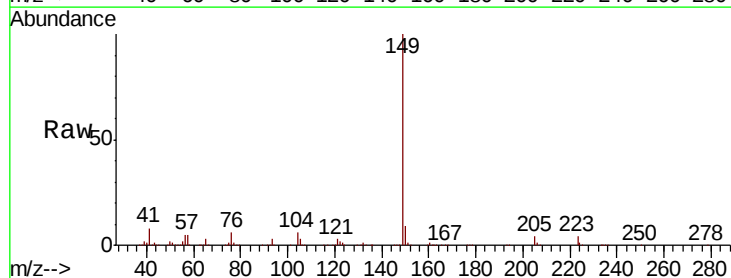
Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

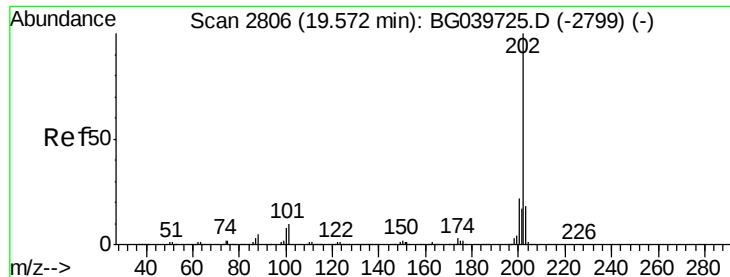
Tgt Ion:167 Resp: 518502
 Ion Ratio Lower Upper
 167 100
 166 22.6 19.4 29.2
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 42.401 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion:149 Resp: 633798
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 5.7 4.5 6.7





#75

Fluoranthene

Concen: 41.905 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

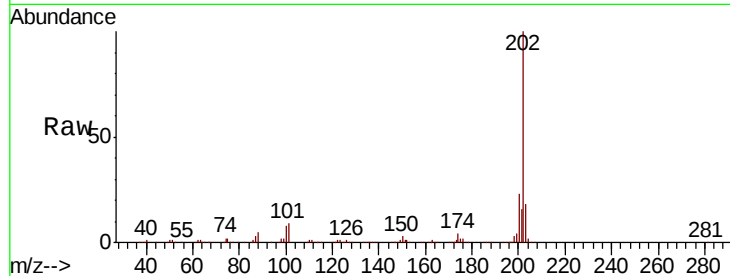
Instrument :

BNA_G

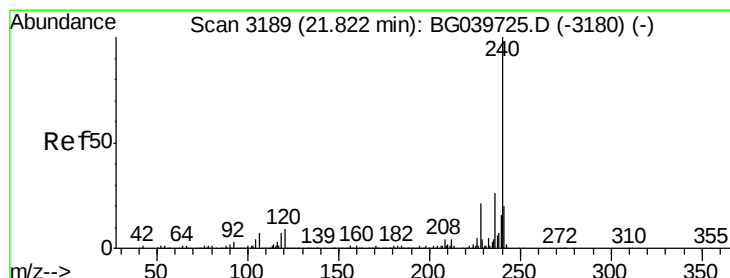
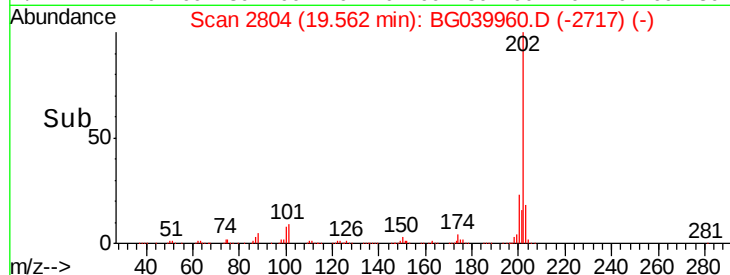
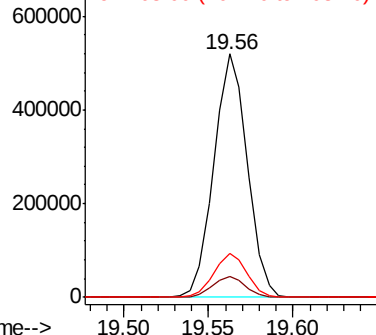
ClientSampleId :

PB117964BS

Tgt Ion:	202	Resp:	716195
Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	30.0
203	18.0	0.0	38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

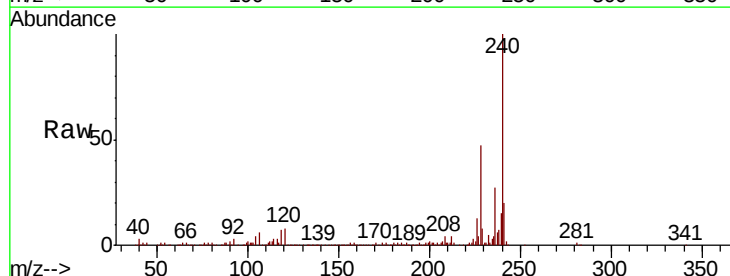
RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

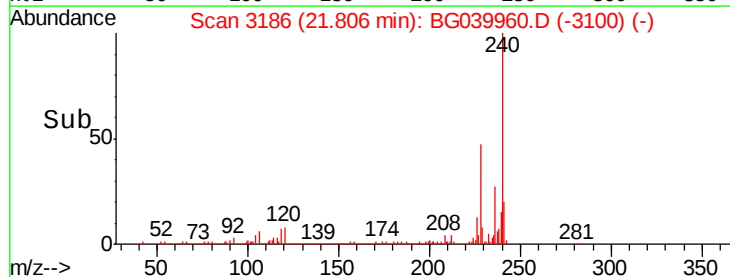
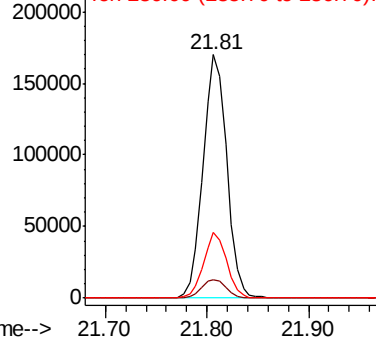
Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Tgt Ion:	240	Resp:	276480
Ion	Ratio	Lower	Upper
240	100		
120	7.6	7.0	10.6
236	27.0	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





#77

Benzidine

Concen: 74.238 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

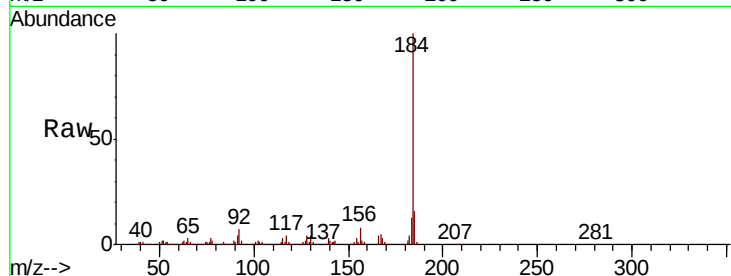
Tgt Ion:184 Resp: 651330

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

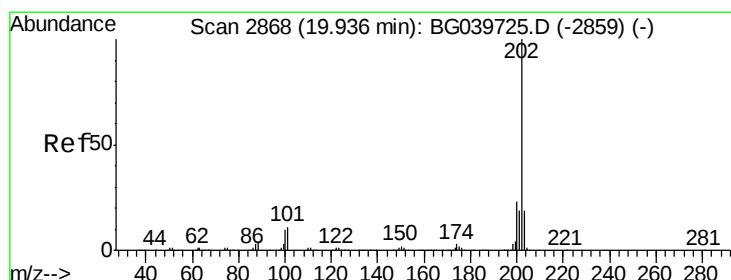
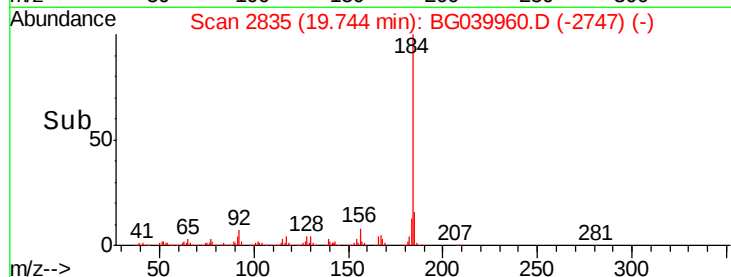
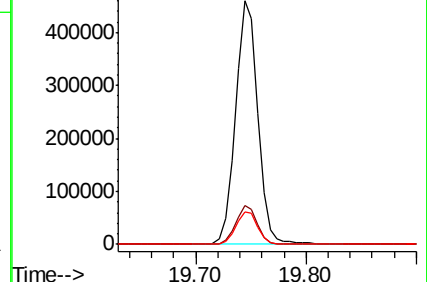
183 13.4 10.6 15.8



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: 39.992 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

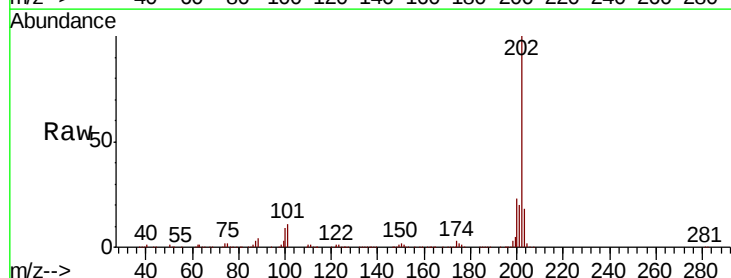
Tgt Ion:202 Resp: 718485

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

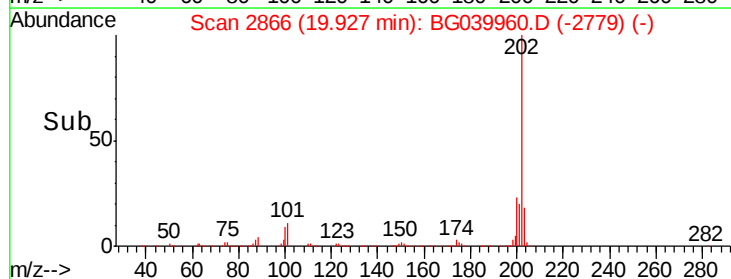
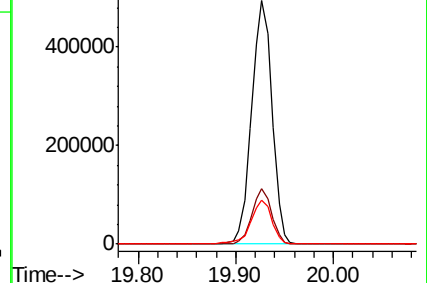
203 18.2 15.3 22.9

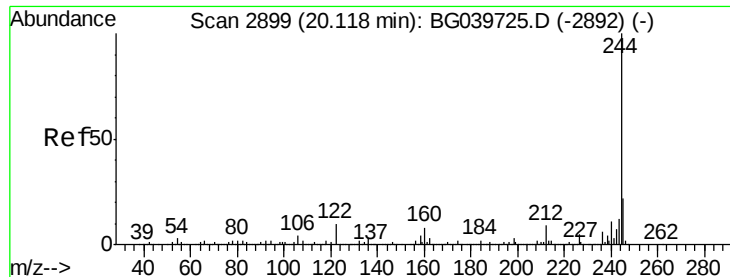


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.197 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

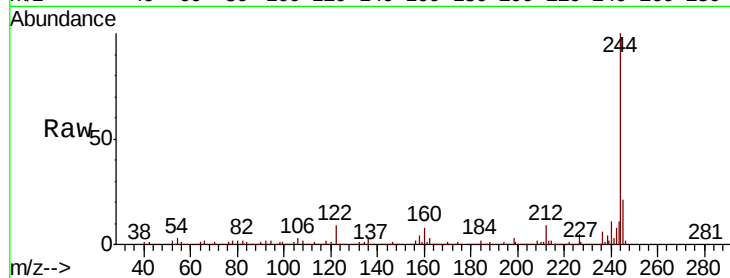
Tgt Ion:244 Resp: 1069822

Ion Ratio Lower Upper

244 100

212 8.9 7.3 10.9

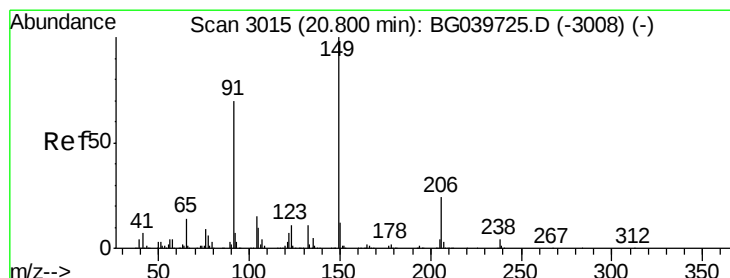
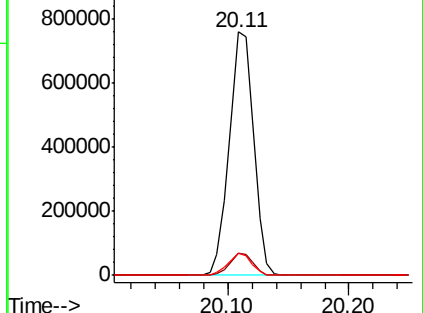
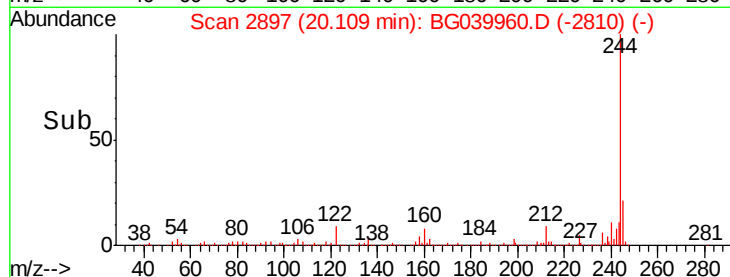
122 9.4 8.4 12.6



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: 42.952 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

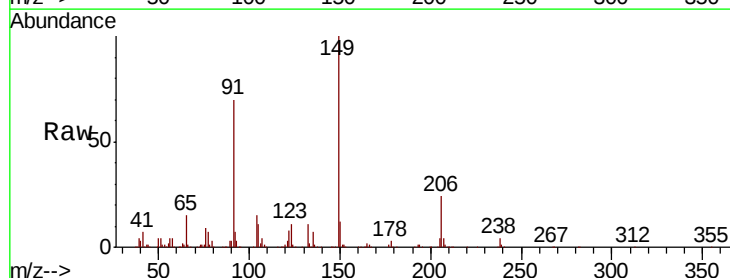
Tgt Ion:149 Resp: 298967

Ion Ratio Lower Upper

149 100

91 69.6 59.5 89.3

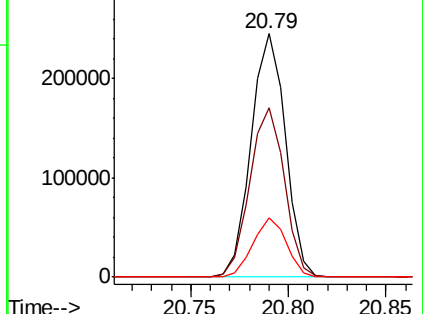
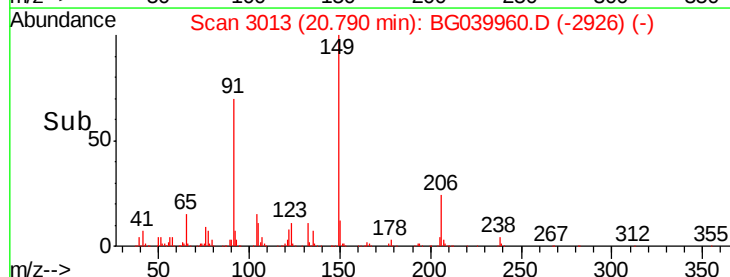
206 24.2 18.6 27.8



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: 41.124 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

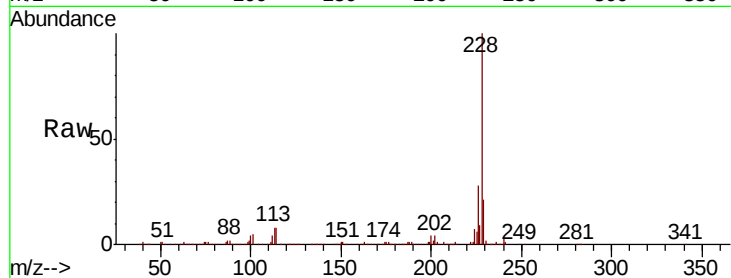
Tgt Ion:228 Resp: 712585

Ion Ratio Lower Upper

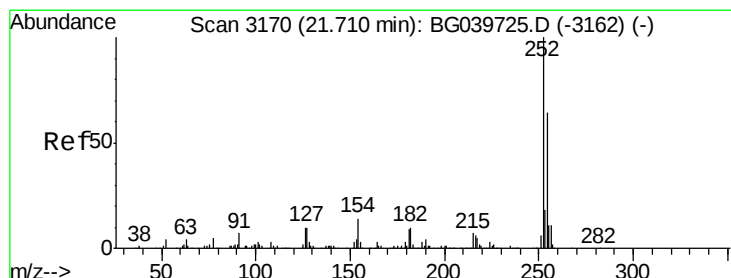
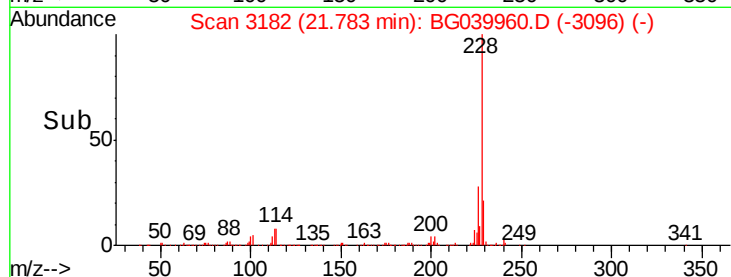
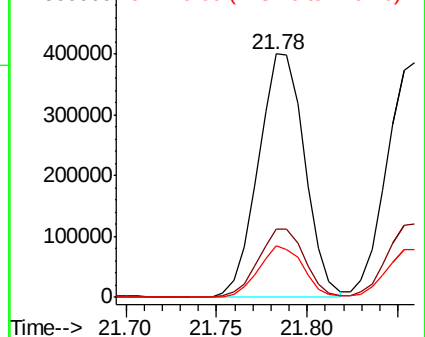
228 100

226 27.9 23.0 34.6

229 21.2 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: 40.467 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

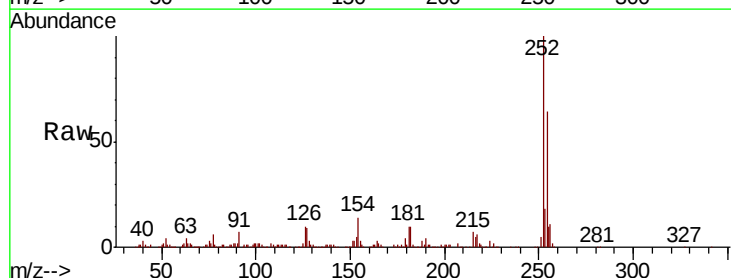
Tgt Ion:252 Resp: 256008

Ion Ratio Lower Upper

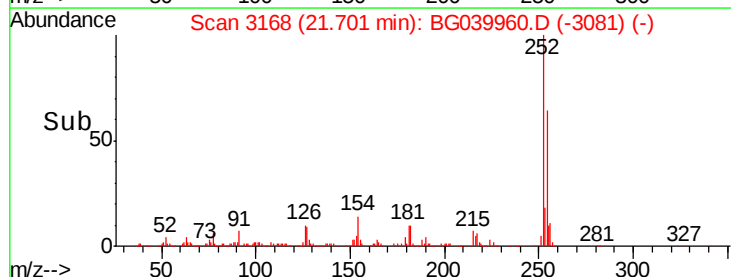
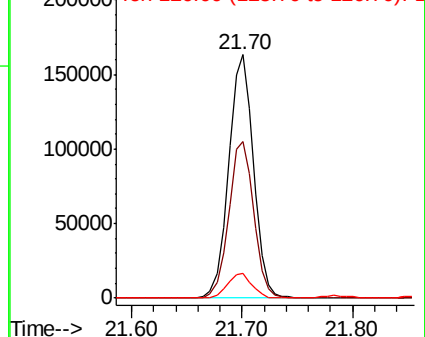
252 100

254 64.5 51.3 76.9

126 10.0 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: 40.123 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

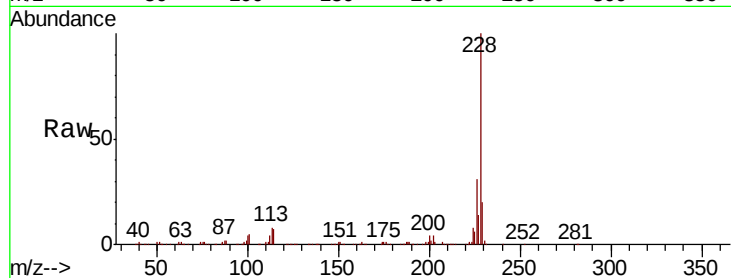
Tgt Ion:228 Resp: 674023

Ion Ratio Lower Upper

228 100

226 31.4 25.8 38.6

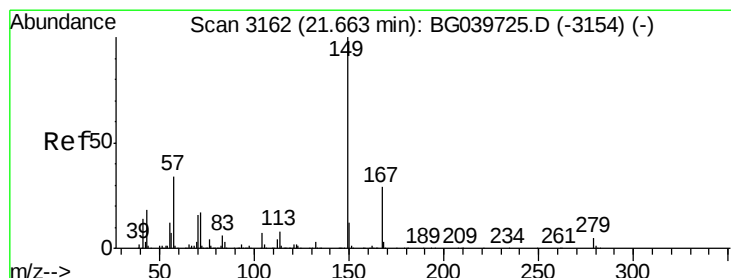
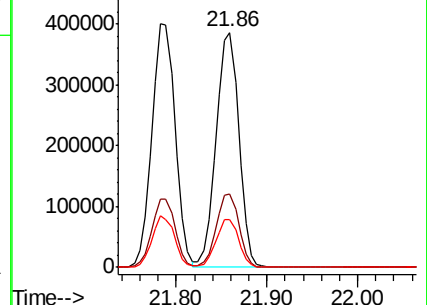
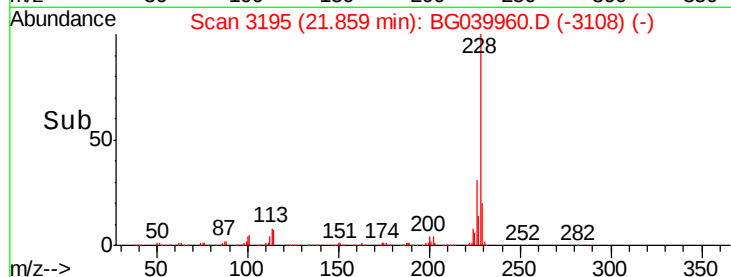
229 20.1 16.6 25.0



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: 43.448 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

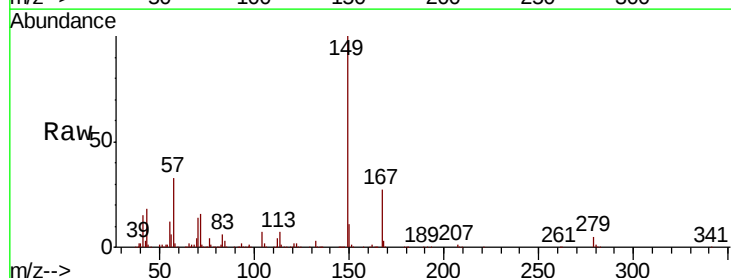
Tgt Ion:149 Resp: 424967

Ion Ratio Lower Upper

149 100

167 27.1 22.6 34.0

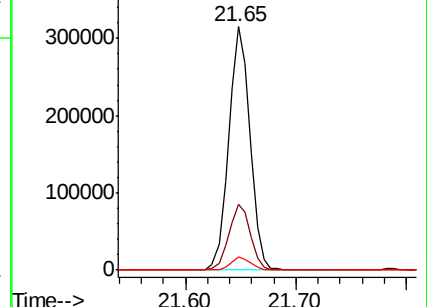
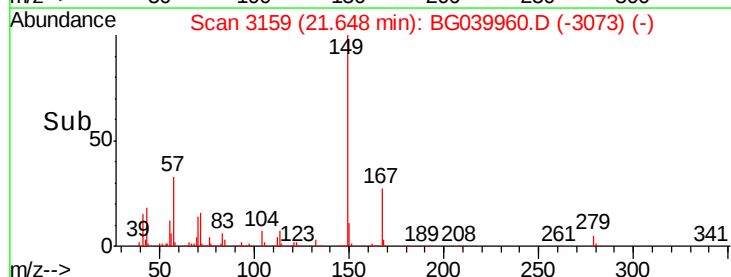
279 5.2 3.5 5.3

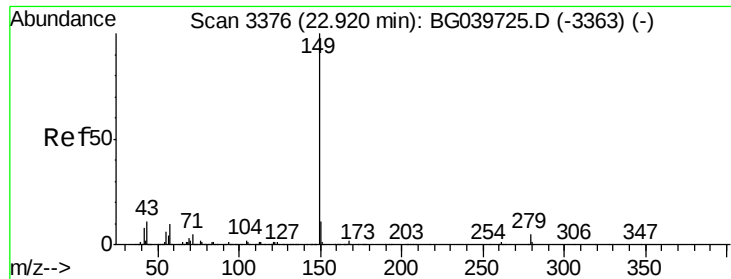


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

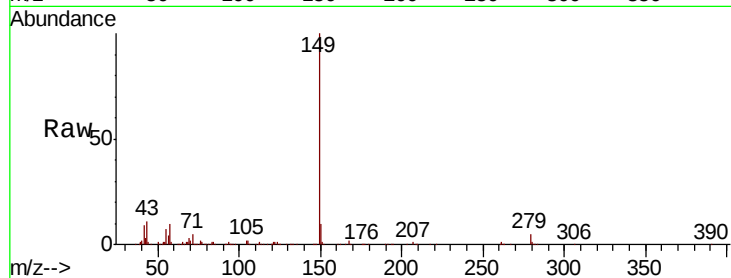




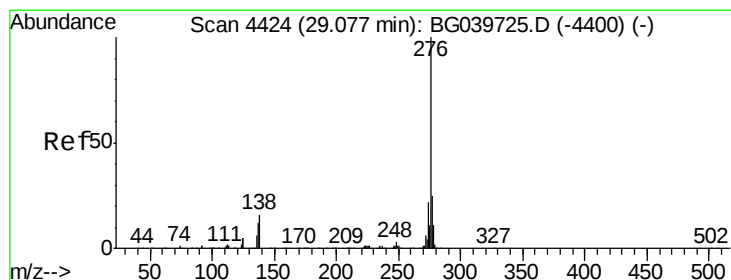
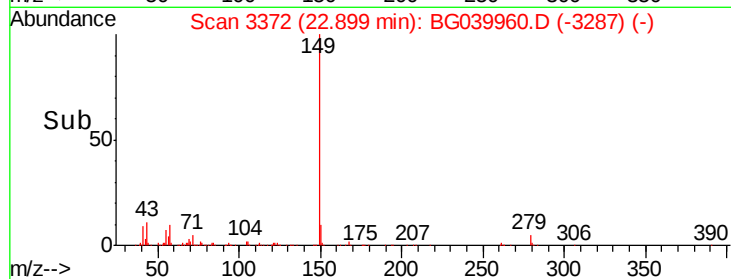
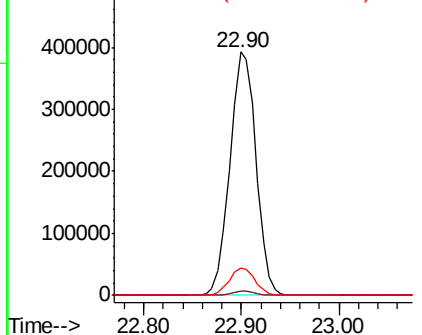
#85
 Di-n-octyl phthalate
 Concen: 44.844 ng
 RT: 22.90 min Scan# 3372
 Delta R.T. -0.03 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Instrument :
 BNA_G
 ClientSampleId :
 PB117964BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.1	10.2	15.4

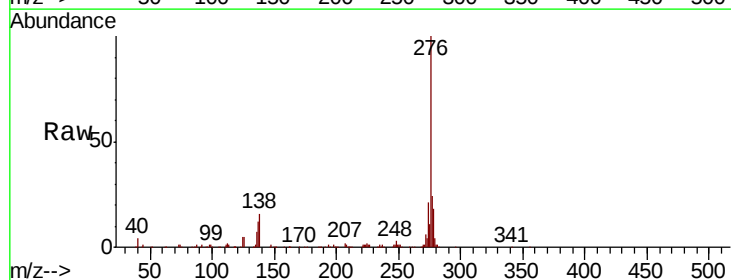


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BGC

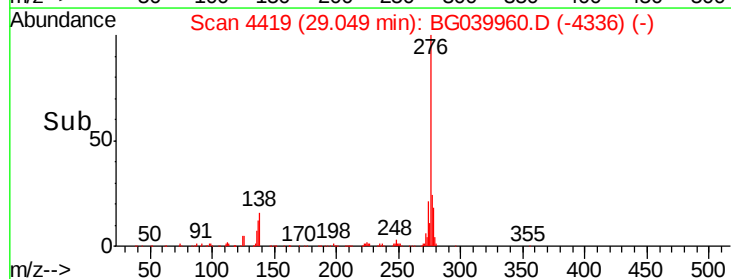
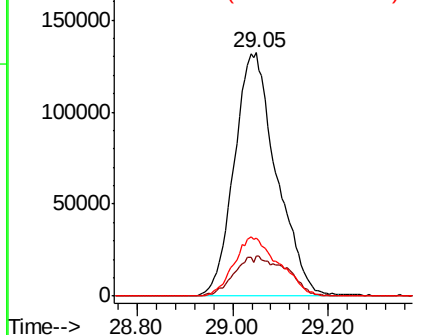


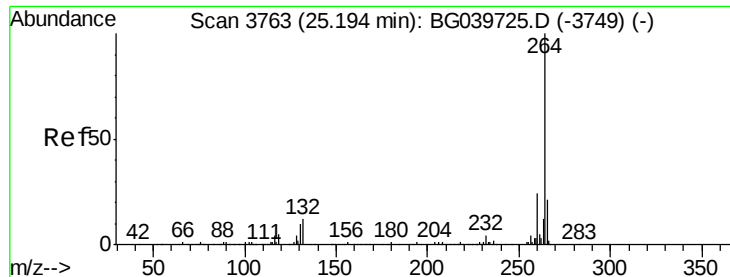
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 42.395 ng
 RT: 29.05 min Scan# 4419
 Delta R.T. -0.04 min
 Lab File: BG039960.D
 Acq: 16 Mar 2019 3:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.9	12.6	19.0#
277	25.9	20.8	31.2



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

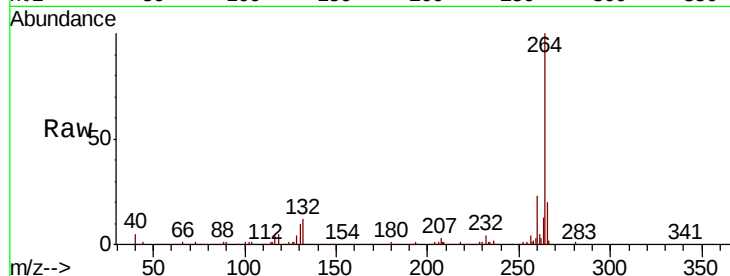
Tgt Ion:264 Resp: 283827

Ion Ratio Lower Upper

264 100

260 22.9 18.2 27.4

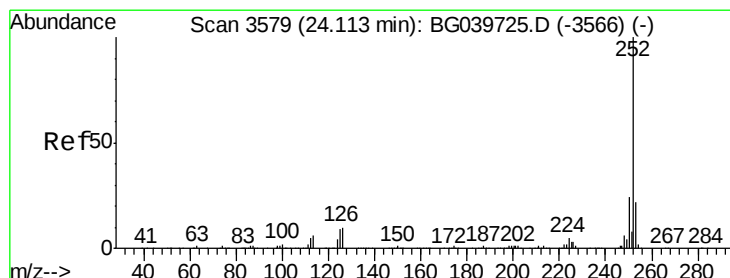
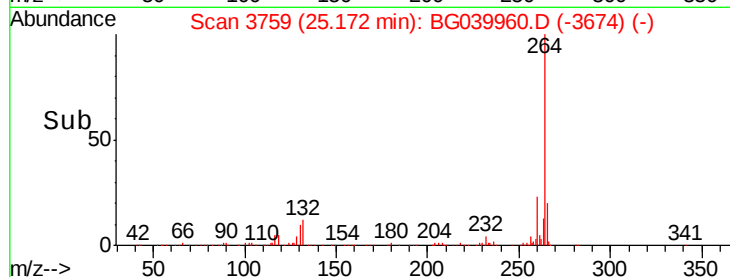
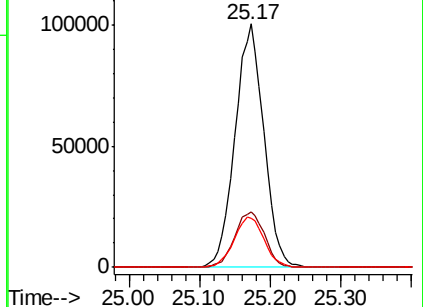
265 20.2 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.586 ng

RT: 24.10 min Scan# 3576

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

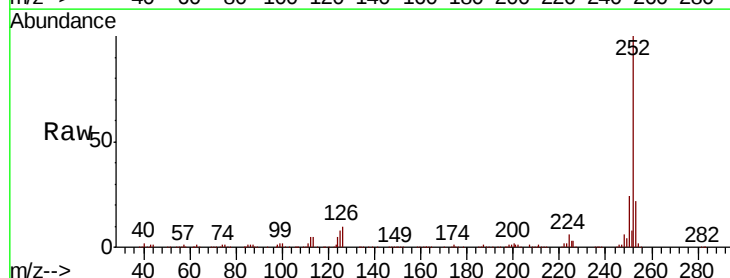
Tgt Ion:252 Resp: 703854

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

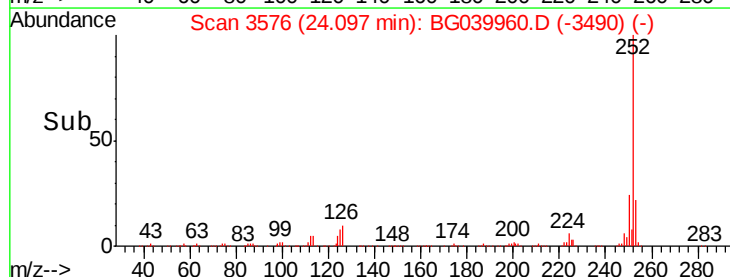
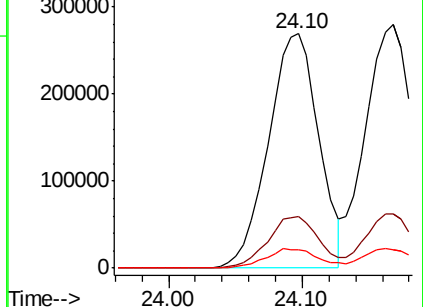
125 7.6 7.8 11.6#

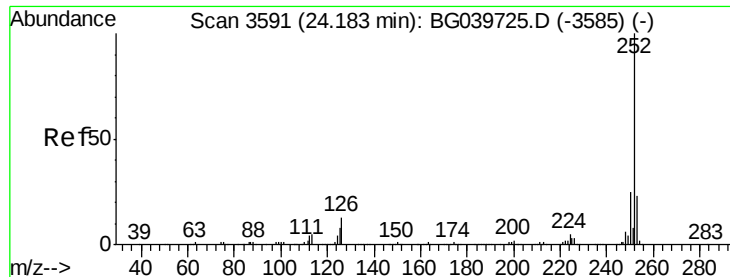


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 44.023 ng

RT: 24.17 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

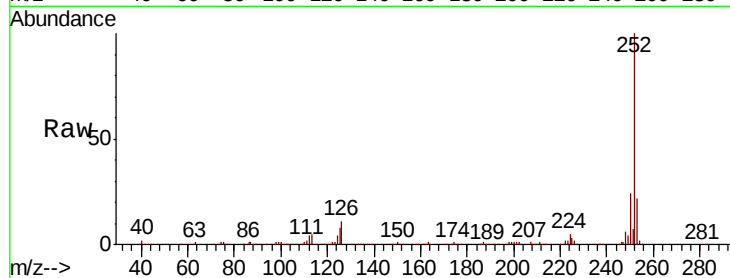
Tgt Ion:252 Resp: 693572

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.2

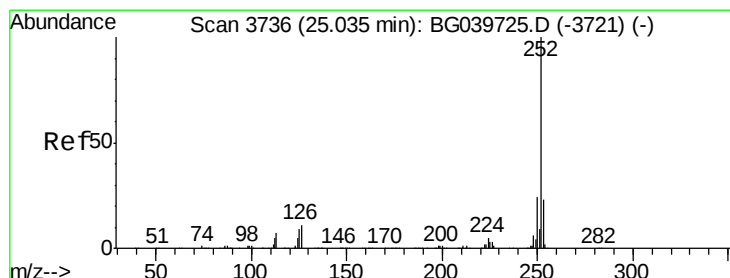
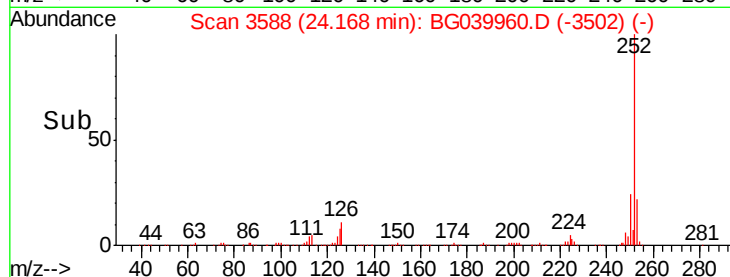
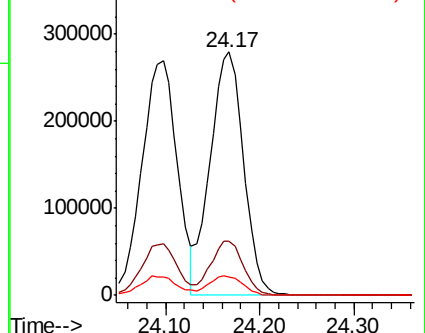
125 7.7 7.4 11.2



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: 44.314 ng

RT: 25.01 min Scan# 3732

Delta R.T. -0.03 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

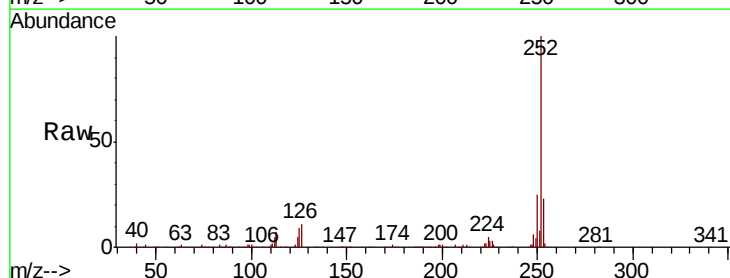
Tgt Ion:252 Resp: 693055

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

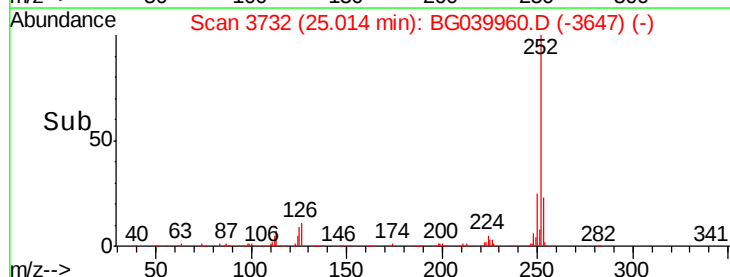
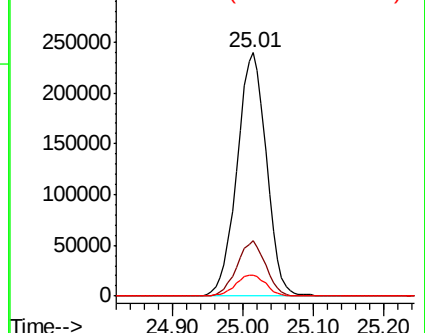
125 8.8 8.3 12.5



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: 42.502 ng

RT: 29.11 min Scan# 4430

Delta R.T. -0.04 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

Instrument :

BNA_G

ClientSampleId :

PB117964BS

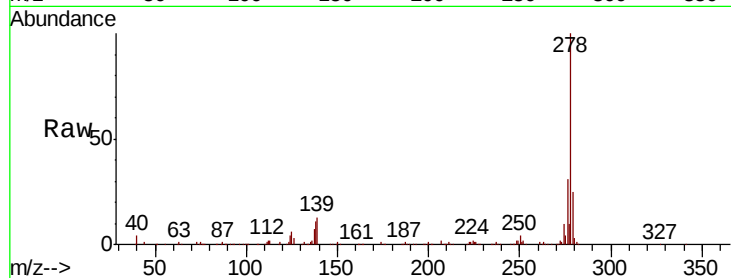
Tgt Ion:278 Resp: 651660

Ion Ratio Lower Upper

278 100

139 13.5 11.7 17.5

279 24.7 19.1 28.7

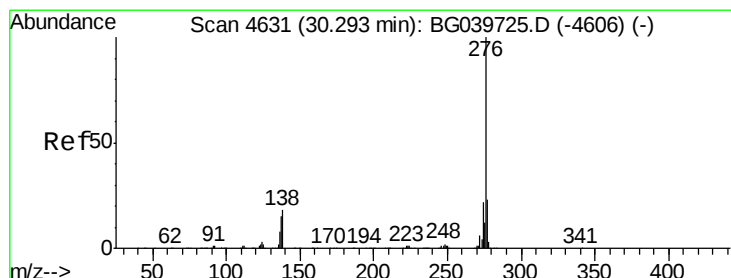
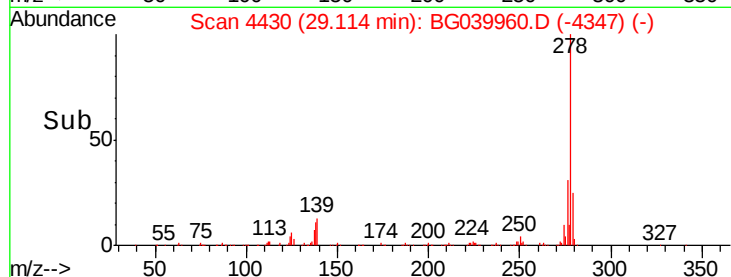
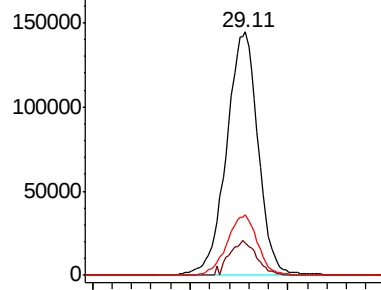


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 43.326 ng

RT: 30.27 min Scan# 4626

Delta R.T. -0.05 min

Lab File: BG039960.D

Acq: 16 Mar 2019 3:53

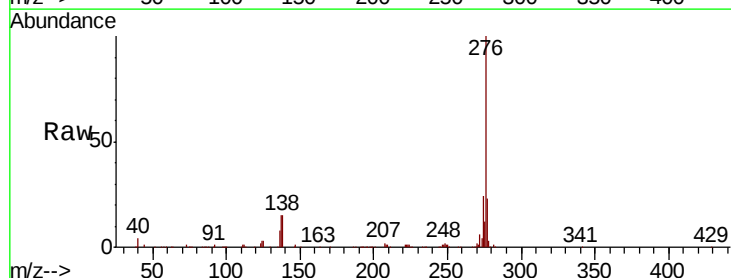
Tgt Ion:276 Resp: 667176

Ion Ratio Lower Upper

276 100

277 22.7 19.6 29.4

138 14.8 14.7 22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

