

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
 Data File : BG040055.D
 Acq On : 21 Mar 2019 5:07
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 09:31:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	42245	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	195961	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	132457	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	299911	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	280002	20.00	ng	-0.03
87) Perylene-d12	25.16	264	290340	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	191144	77.19	ng	-0.02
7) Phenol-d6	7.29	99	291844	79.04	ng	-0.02
23) Nitrobenzene-d5	9.32	82	296764	81.91	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	119238	77.23	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	716141	76.98	ng	-0.02
79) Terphenyl-d14	20.11	244	1022385	80.40	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	34338	30.036	ng	96
3) Pyridine	3.98	79	107201	35.026	ng	94
4) n-Nitrosodimethylamine	3.90	42	53078	36.557	ng	# 89
6) Aniline	7.47	93	186827	38.622	ng	99
8) 2-Chlorophenol	7.71	128	117405	39.081	ng	95
9) Benzaldehyde	7.28	77	81369	34.164	ng	99
10) Phenol	7.32	94	156436	39.110	ng	99
11) bis(2-Chloroethyl)ether	7.56	93	120585	38.667	ng	97
12) 1,3-Dichlorobenzene	8.03	146	135482	39.875	ng	95
13) 1,4-Dichlorobenzene	8.18	146	133595	38.602	ng	98
14) 1,2-Dichlorobenzene	8.50	146	129619	38.764	ng	99
15) Benzyl Alcohol	8.38	79	115441	39.415	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.66	45	242714	38.914	ng	98
17) 2-Methylphenol	8.58	107	99031	38.829	ng	96
18) Hexachloroethane	9.23	117	49738	40.054	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	102376	38.522	ng	94
20) 3+4-Methylphenols	8.90	107	141427	39.915	ng	94
22) Acetophenone	8.97	105	203050	38.606	ng	# 94
24) Nitrobenzene	9.37	77	153417	40.362	ng	97
25) Isophorone	9.88	82	297738	39.218	ng	99
26) 2-Nitrophenol	10.07	139	77710	42.343	ng	# 93
27) 2,4-Dimethylphenol	10.11	122	111577	39.091	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	174635	37.852	ng	97
29) 2,4-Dichlorophenol	10.60	162	132473	41.223	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	141708	39.188	ng	97
31) Naphthalene	11.01	128	405324	39.066	ng	99
32) Benzoic acid	10.26	122	71160	37.917	ng	92
33) 4-Chloroaniline	11.12	127	174511	39.666	ng	98
34) Hexachlorobutadiene	11.28	225	96761	39.157	ng	97
35) Caprolactam	11.92	113	46339	37.748	ng	96
36) 4-Chloro-3-methylphenol	12.23	107	145756	39.566	ng	96
37) 2-Methylnaphthalene	12.60	142	306725	39.542	ng	96
38) 1-Methylnaphthalene	12.83	142	296243	39.299	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	177731	39.608	ng	99

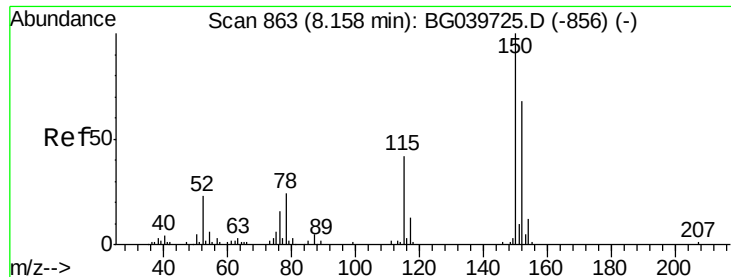
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	93938	39.063	ng	98
43) 2,4,6-Trichlorophenol	13.20	196	108485	41.294	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	117339	39.625	ng	98
46) 1,1'-Biphenyl	13.60	154	428936	39.372	ng	98
47) 2-Chloronaphthalene	13.66	162	318052	38.807	ng	98
48) 2-Nitroaniline	13.86	65	106148	40.301	ng	96
49) Acenaphthylene	14.50	152	526671	39.145	ng	99
50) Dimethylphthalate	14.22	163	415528	37.516	ng	99
51) 2,6-Dinitrotoluene	14.35	165	94505	40.248	ng	97
52) Acenaphthene	14.84	154	314119	38.791	ng	99
53) 3-Nitroaniline	14.68	138	91882	38.928	ng	# 89
54) 2,4-Dinitrophenol	14.89	184	52471	38.363	ng	96
55) Dibenzofuran	15.17	168	512594	38.582	ng	98
56) 4-Nitrophenol	14.98	139	75599	35.805	ng	91
57) 2,4-Dinitrotoluene	15.13	165	131256	39.783	ng	93
58) Fluorene	15.81	166	399979	38.296	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	114174	39.479	ng	98
60) Diethylphthalate	15.57	149	414947	37.845	ng	98
61) 4-Chlorophenyl-phenylether	15.80	204	208924	37.486	ng	99
62) 4-Nitroaniline	15.85	138	98912	38.655	ng	97
63) Azobenzene	16.09	77	387309	38.969	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	75096	42.349	ng	98
66) n-Nitrosodiphenylamine	16.02	169	357143	41.134	ng	99
67) 4-Bromophenyl-phenylether	16.69	248	138343	41.210	ng	95
68) Hexachlorobenzene	16.81	284	141333	40.616	ng	95
69) Atrazine	16.96	200	131709	38.544	ng	97
70) Pentachlorophenol	17.16	266	83701	38.087	ng	99
71) Phenanthrene	17.56	178	646542	39.138	ng	99
72) Anthracene	17.65	178	637564	39.605	ng	99
73) Carbazole	17.92	167	556849	38.370	ng	98
74) Di-n-butylphthalate	18.45	149	674716	39.515	ng	99
75) Fluoranthene	19.56	202	735924	37.695	ng	99
77) Benzidine	19.74	184	283914	31.953	ng	99
78) Pyrene	19.92	202	740708	40.710	ng	100
80) Butylbenzylphthalate	20.78	149	298730	42.378	ng	97
81) Benzo(a)anthracene	21.78	228	702306	40.021	ng	98
82) 3,3'-Dichlorobenzidine	21.69	252	249133	38.885	ng	99
83) Chrysene	21.85	228	667976	39.263	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	413906	41.785	ng	99
85) Di-n-octyl phthalate	22.89	149	703972	42.921	ng	95
86) Indeno(1,2,3-cd)pyrene	29.02	276	783562	40.599	ng	99
88) Benzo(b)fluoranthene	24.08	252	689857	39.845	ng	98
89) Benzo(k)fluoranthene	24.15	252	620840	38.522	ng	98
90) Benzo(a)pyrene	25.00	252	644728	40.299	ng	98
91) Dibenzo(a,h)anthracene	29.08	278	620439	39.558	ng	98
92) Benzo(g,h,i)perylene	30.23	276	628620	39.907	ng	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampled :

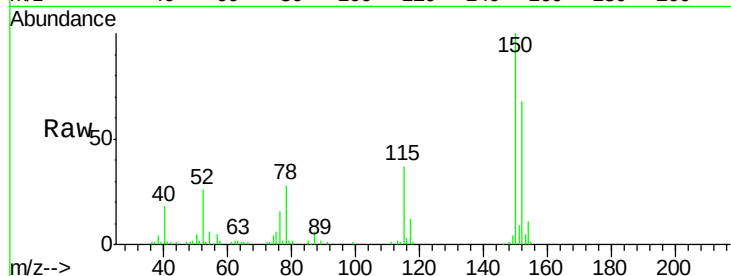
Tot Ion:152 Resp: 42245

Ion Ratio Lower Upper

152 100

150 147.8 123.7 185.5

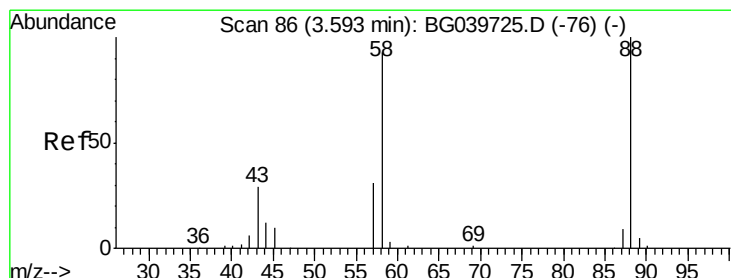
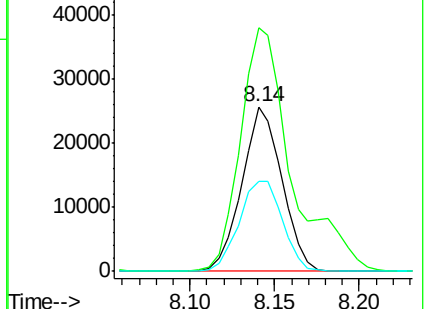
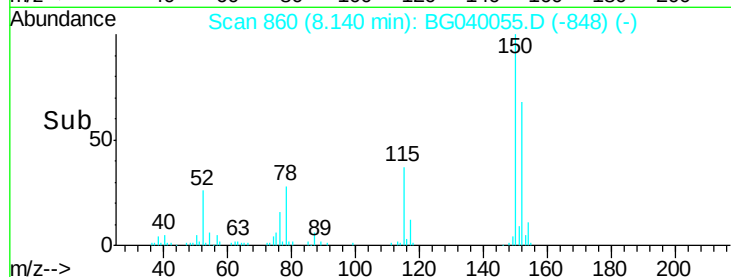
115 54.9 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.036 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

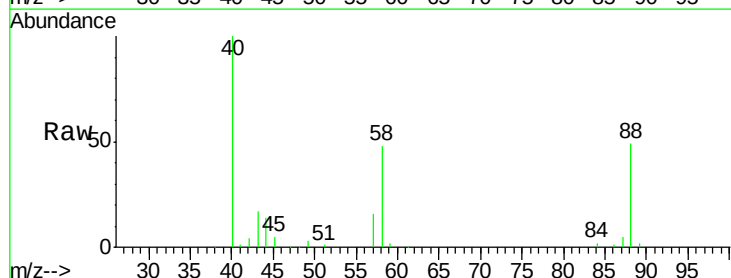
Tgt Ion: 88 Resp: 34338

Ion Ratio Lower Upper

88 100

58 96.7 81.1 121.7

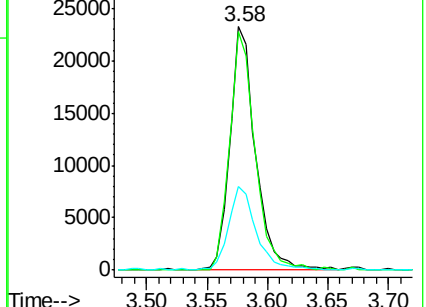
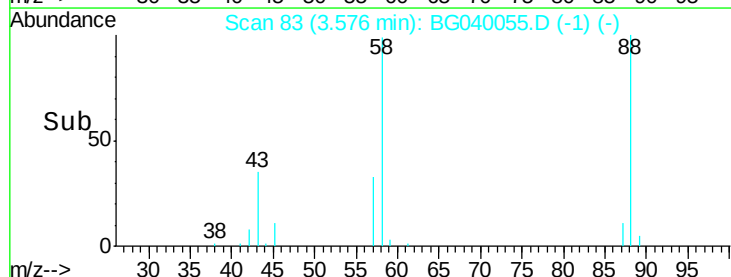
43 37.2 31.4 47.0

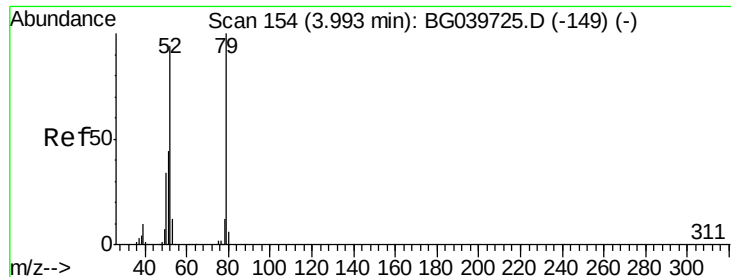


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 35.026 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

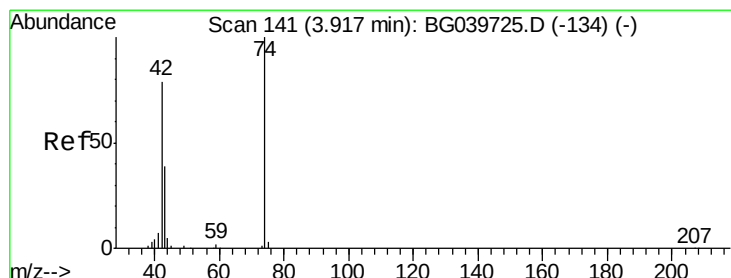
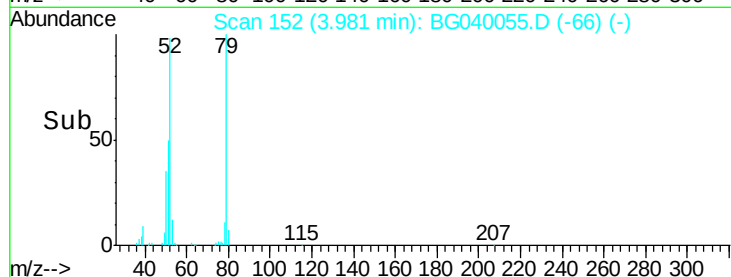
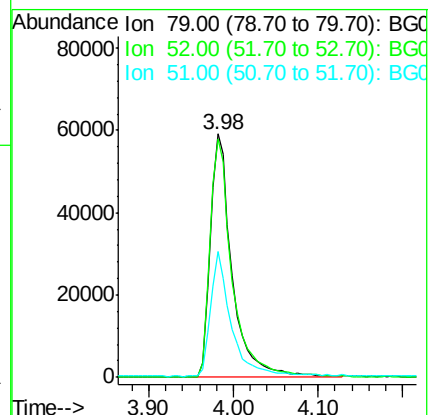
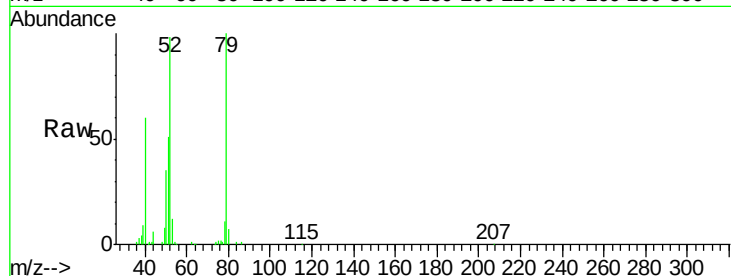
Tot Ion: 79 Resp: 107201

Ion Ratio Lower Upper

79 100

52 98.1 82.6 124.0

51 51.5 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 36.557 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

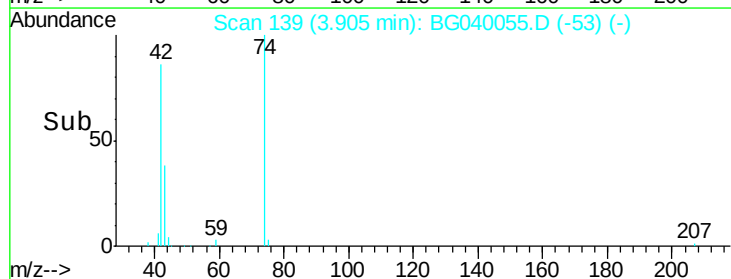
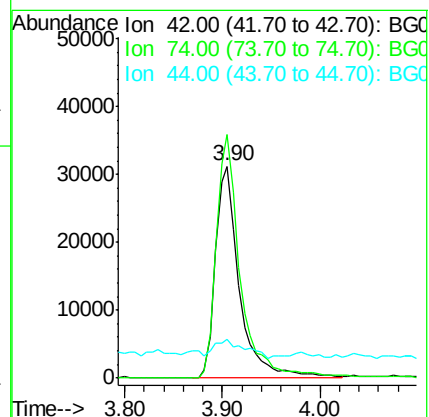
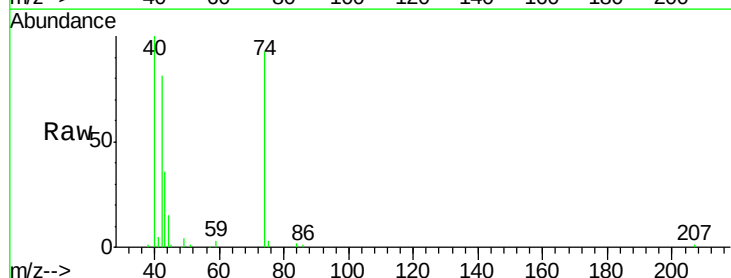
Tgt Ion: 42 Resp: 53078

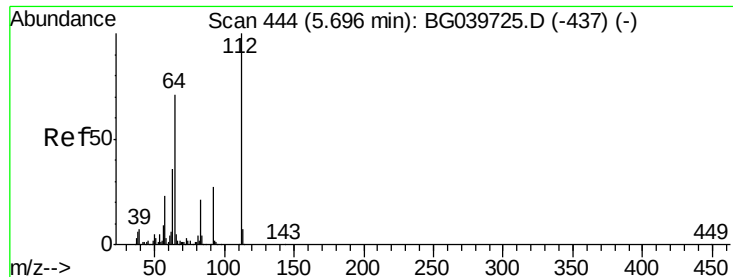
Ion Ratio Lower Upper

42 100

74 114.8 83.6 125.4

44 18.6 6.9 10.3#





#5

2-Fluorophenol

Concen: 77.191 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

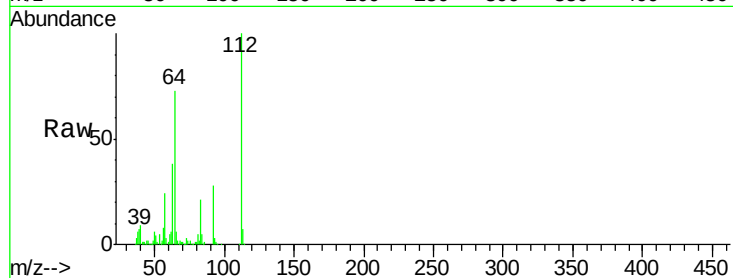
Tot Ion:112 Resp: 191144

Ion Ratio Lower Upper

112 100

64 72.5 57.8 86.8

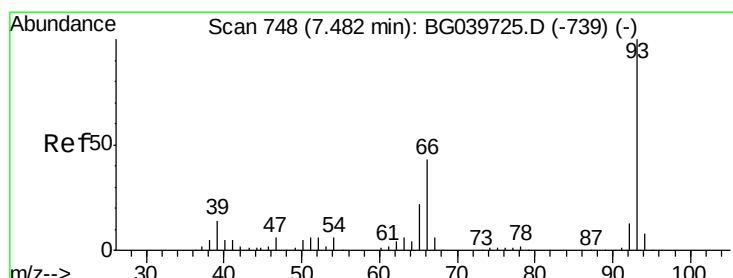
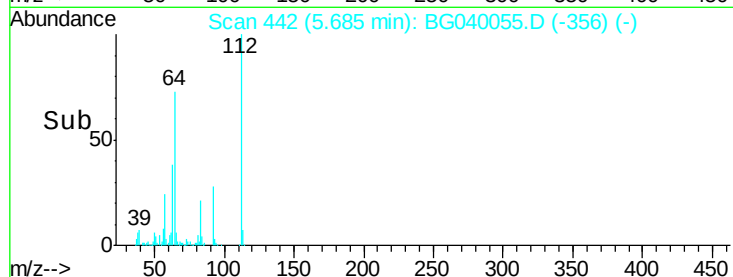
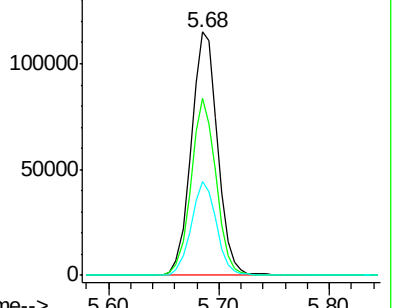
63 38.3 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.622 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

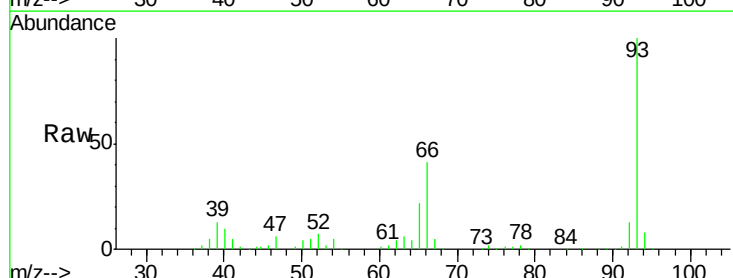
Tgt Ion: 93 Resp: 186827

Ion Ratio Lower Upper

93 100

66 41.5 34.2 51.4

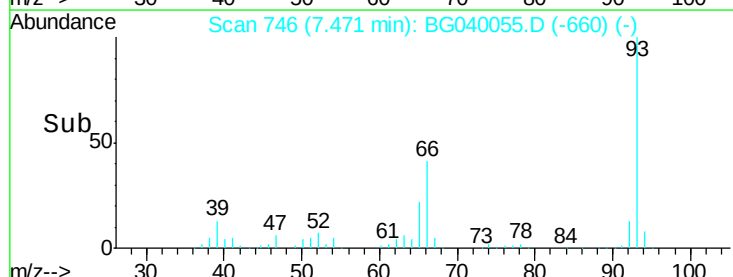
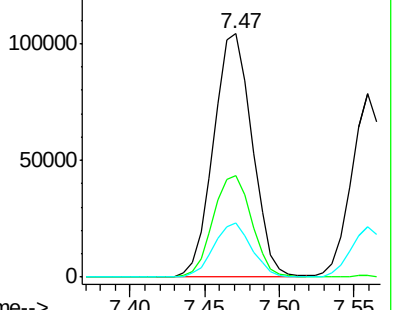
65 22.1 17.7 26.5

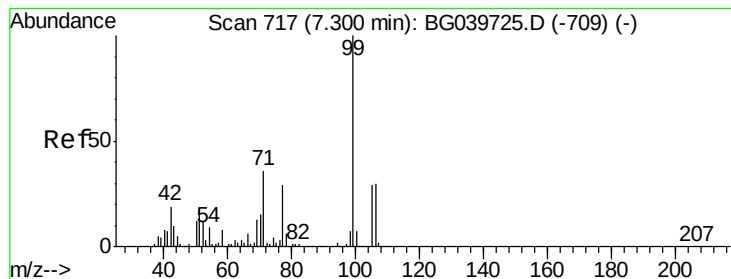


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.043 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampled :

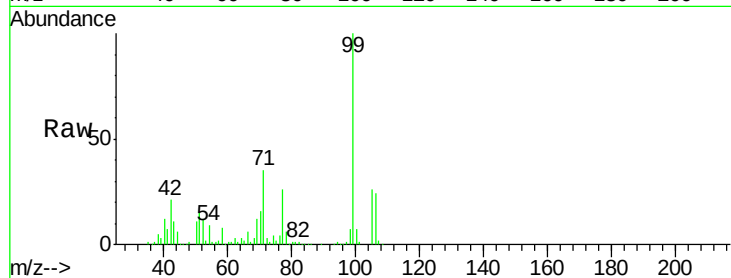
Tot Ion: 99 Resp: 291844

Ion Ratio Lower Upper

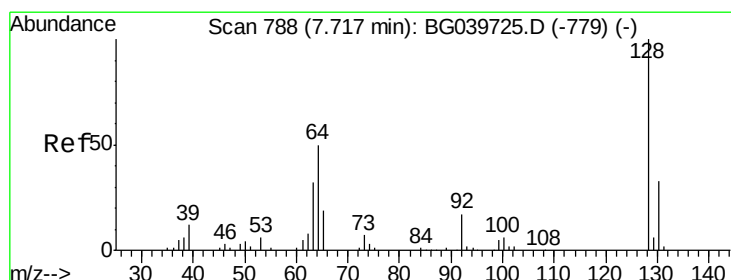
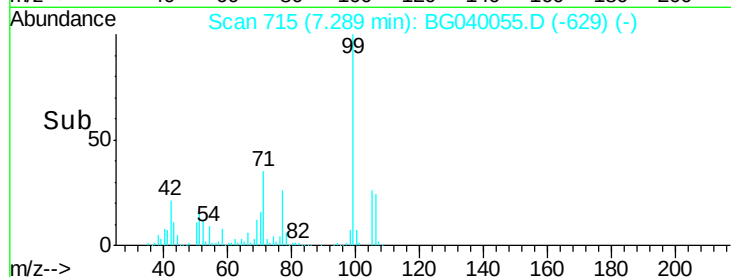
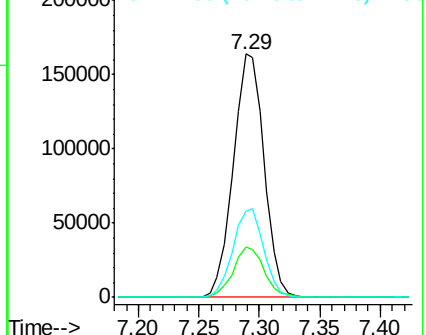
99 100

42 20.7 18.2 27.2

71 35.5 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: 39.081 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

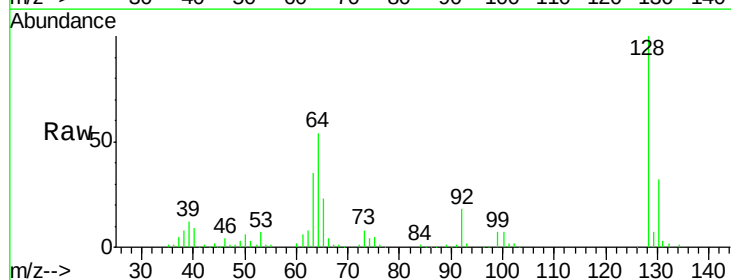
Tgt Ion: 128 Resp: 117405

Ion Ratio Lower Upper

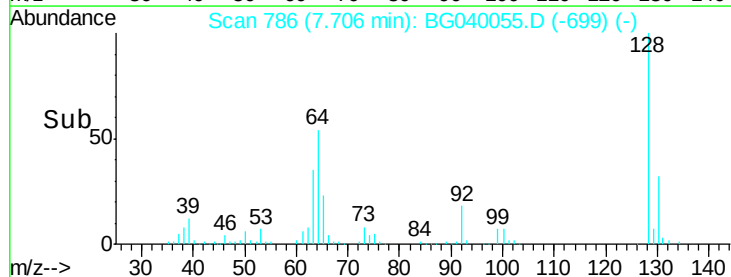
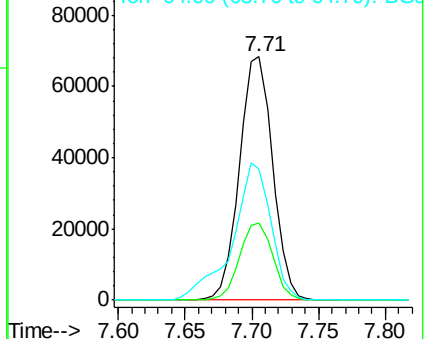
128 100

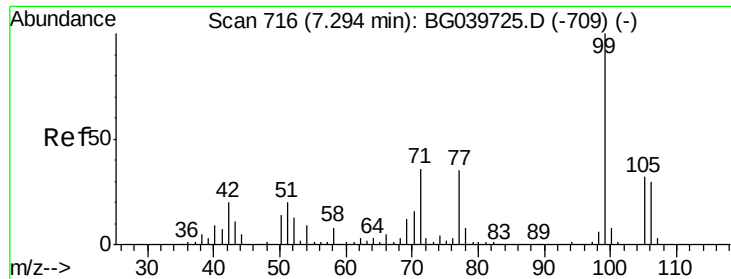
130 31.7 12.9 52.9

64 53.5 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

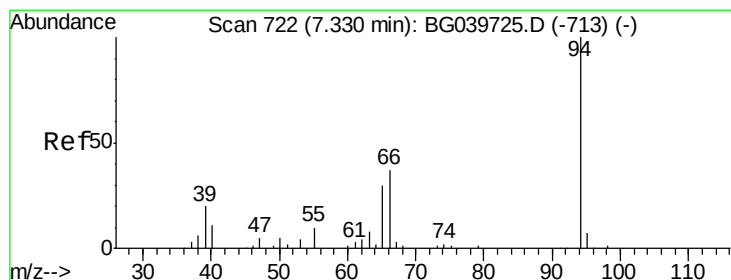
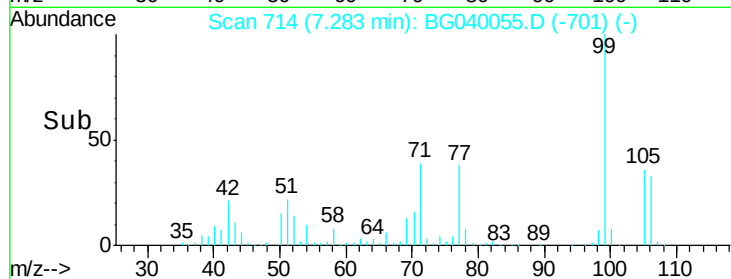
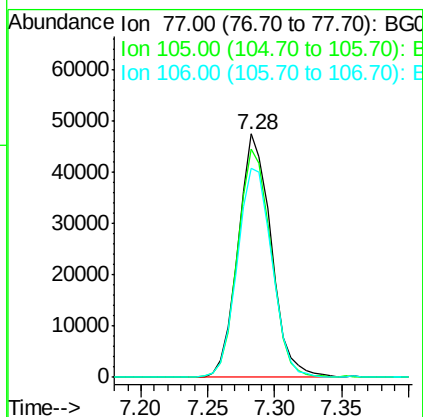
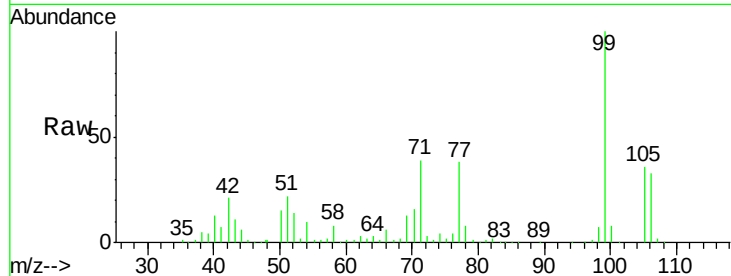




#9
Benzaldehyde
Concen: 34.164 ng
RT: 7.28 min Scan# 714
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

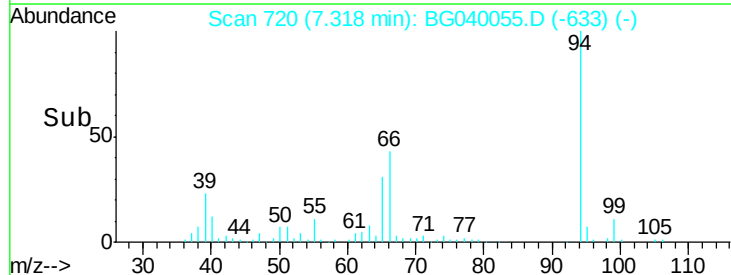
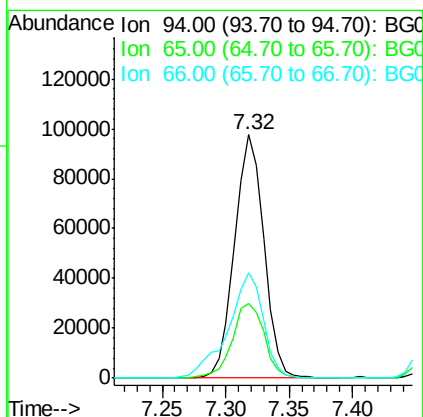
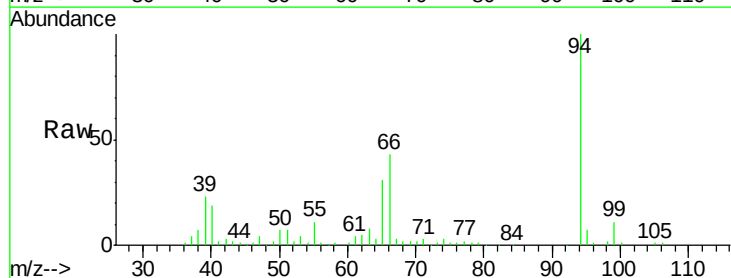
Instrument :
BNA_G
ClientSampled :

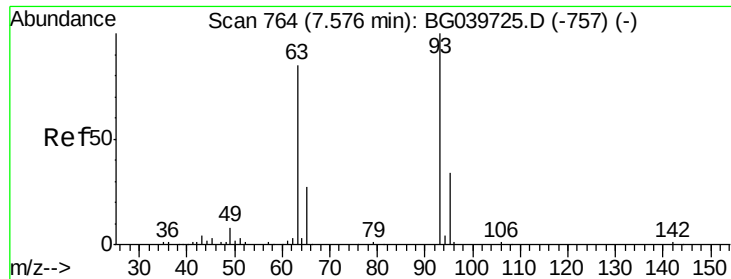
Tot Ion: 77 Resp: 81369
Ion Ratio Lower Upper
77 100
105 93.8 74.5 114.5
106 86.0 68.0 108.0



#10
Phenol
Concen: 39.110 ng
RT: 7.32 min Scan# 720
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion: 94 Resp: 156436
Ion Ratio Lower Upper
94 100
65 30.9 11.7 51.7
66 43.1 23.7 63.7



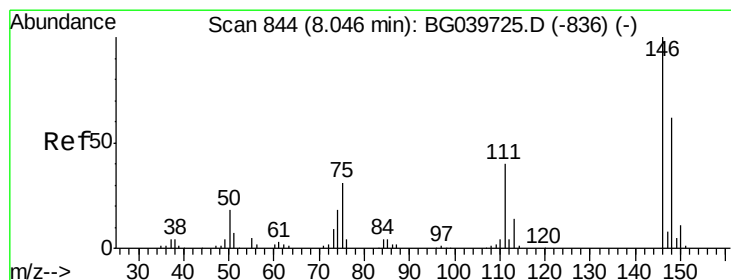
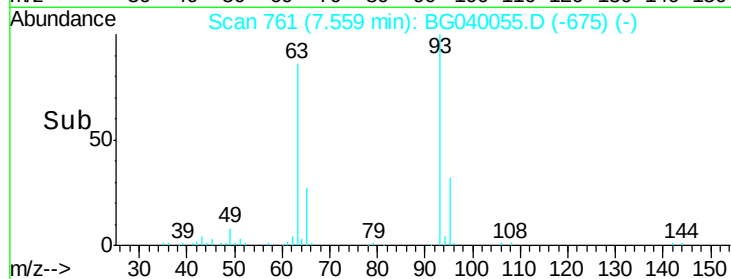
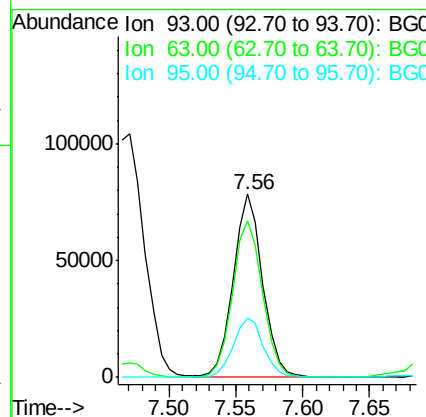
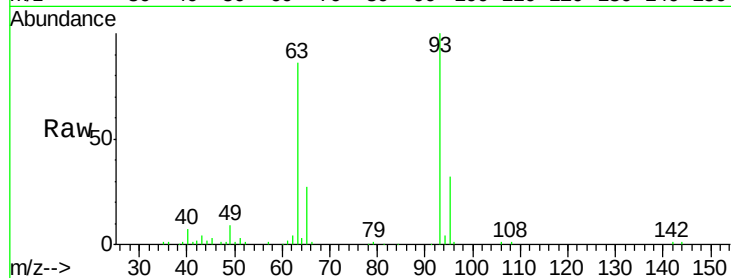


#11
 bis(2-Chloroethyl)ether
 Concen: 38.667 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 120585

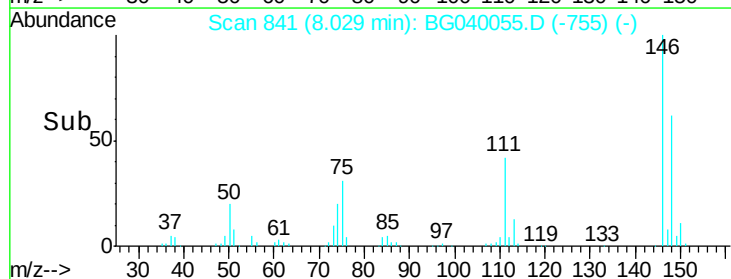
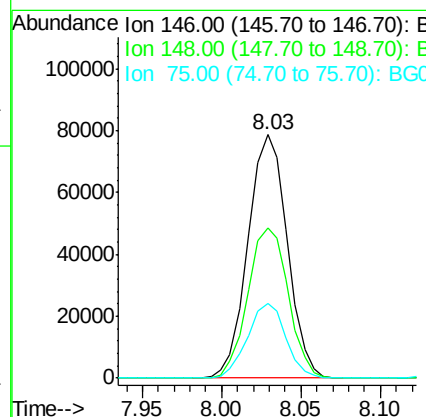
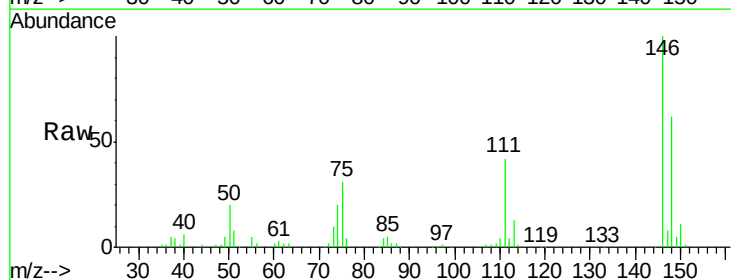
Ion	Ratio	Lower	Upper
93	100		
63	85.6	69.5	109.5
95	32.5	12.7	52.7

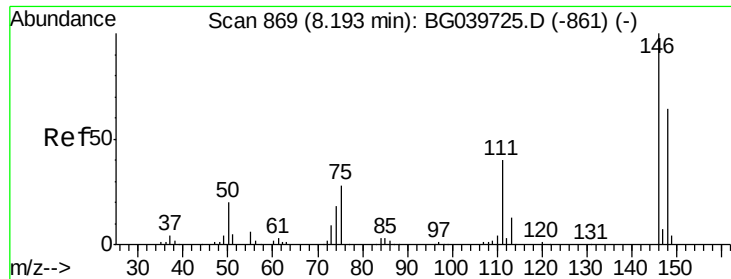


#12
 1,3-Dichlorobenzene
 Concen: 39.875 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion: 146 Resp: 135482

Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.6	79.0
75	30.6	25.8	38.6

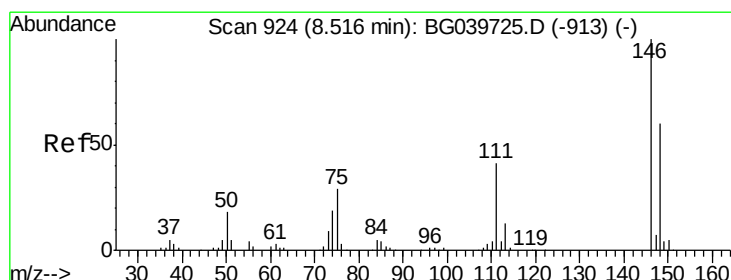
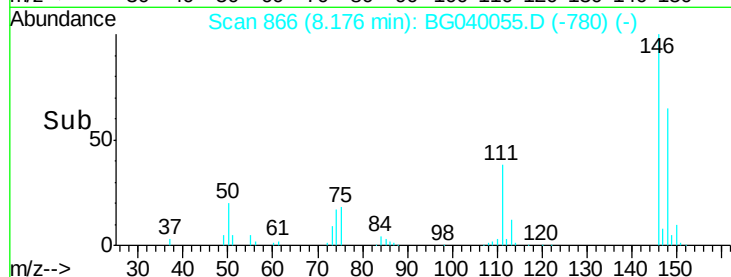
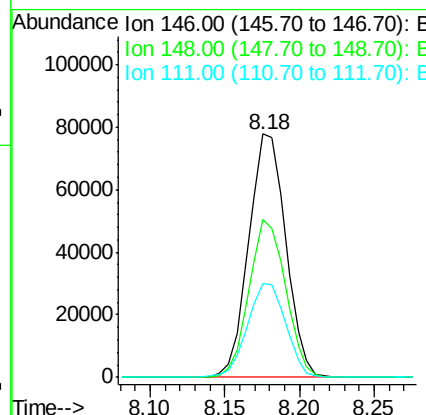
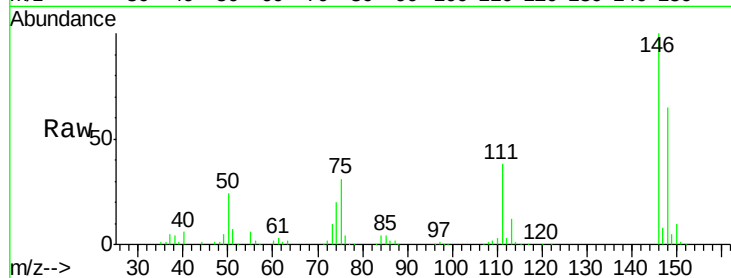




#13
 1,4-Dichlorobenzene
 Concen: 38.602 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

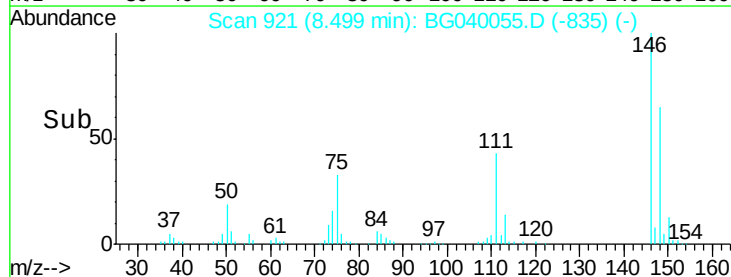
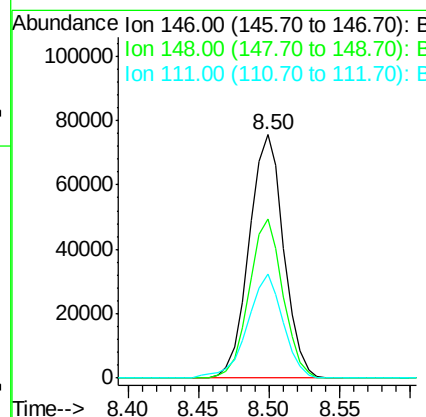
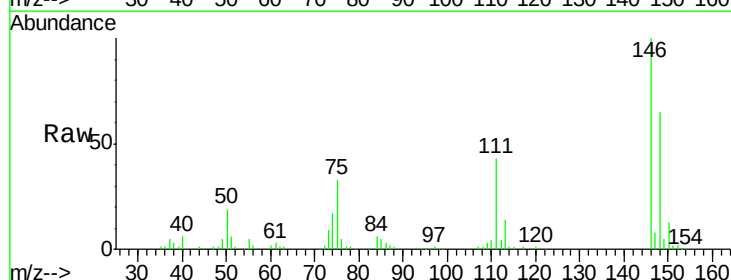
Instrument :
 BNA_G
 ClientSampled :

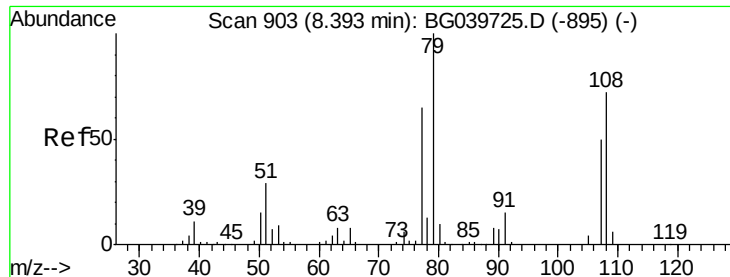
Tot Ion:146 Resp: 133595
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 38.4 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 38.764 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion:146 Resp: 129619
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.5 77.3
 111 42.8 33.8 50.6





#15

Benzyl Alcohol

Concen: 39.415 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

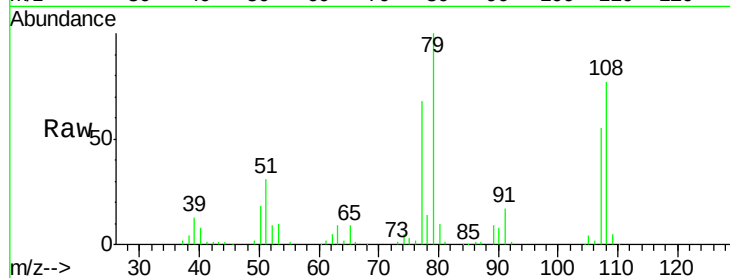
Tot Ion: 79 Resp: 115441

Ion Ratio Lower Upper

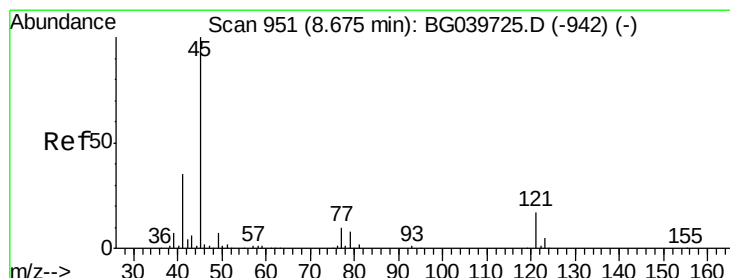
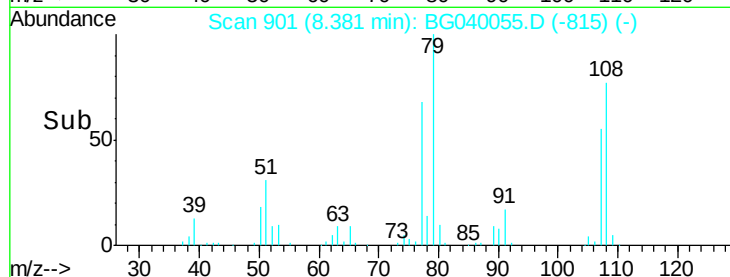
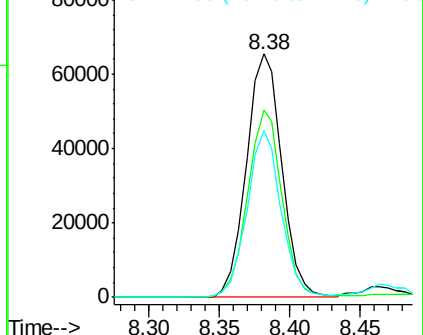
79 100

108 77.1 57.8 86.6

77 68.5 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.914 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

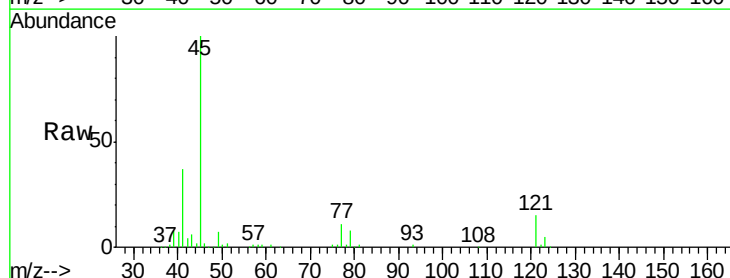
Tgt Ion: 45 Resp: 242714

Ion Ratio Lower Upper

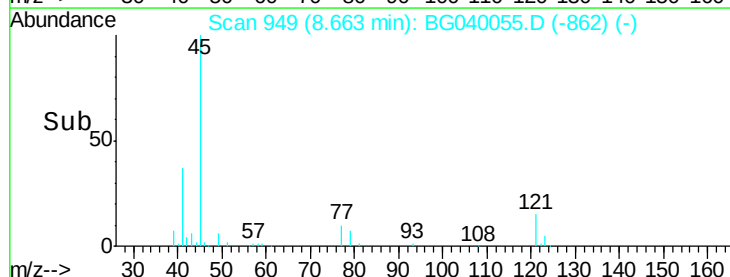
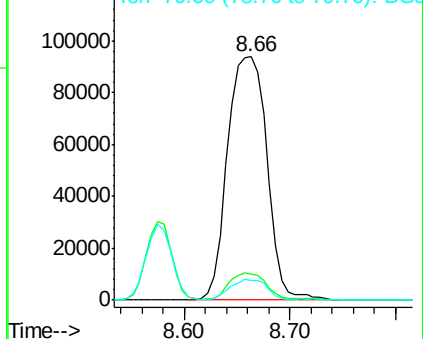
45 100

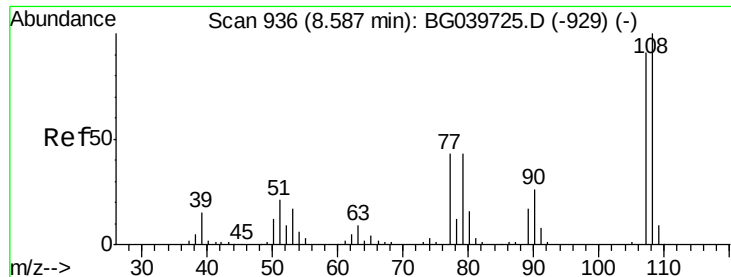
77 10.6 0.0 30.0

79 8.1 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

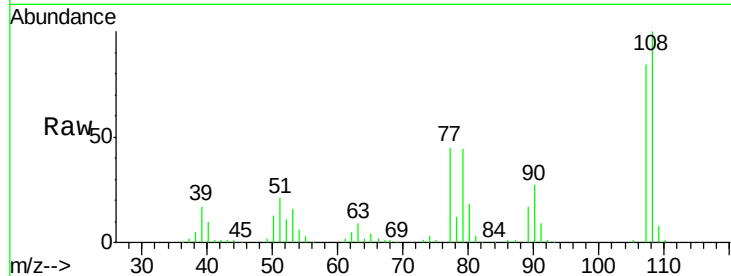




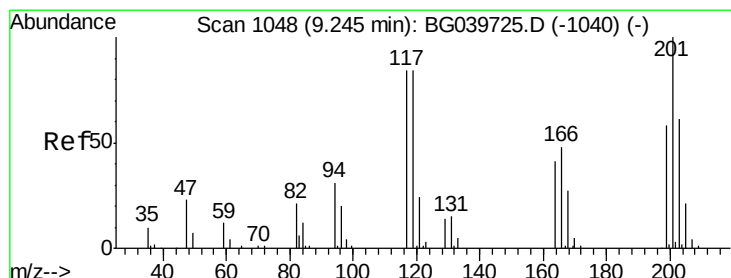
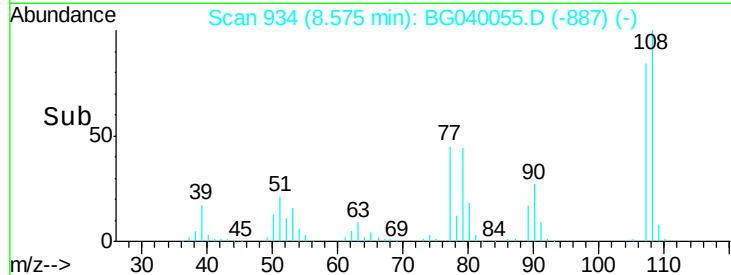
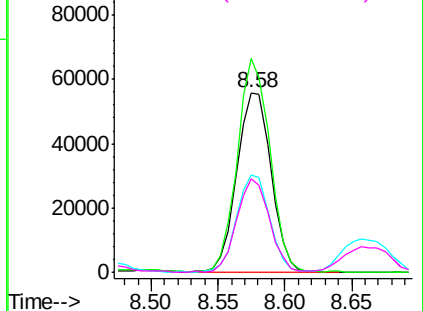
#17
2-Methylphenol
Concen: 38.829 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	99031
Ion	Ratio	Lower	Upper
107	100		
108	119.0	90.8	136.2
77	54.0	40.7	61.1
79	52.3	40.6	60.8

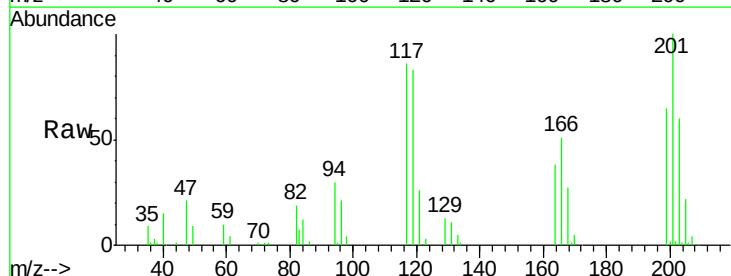


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

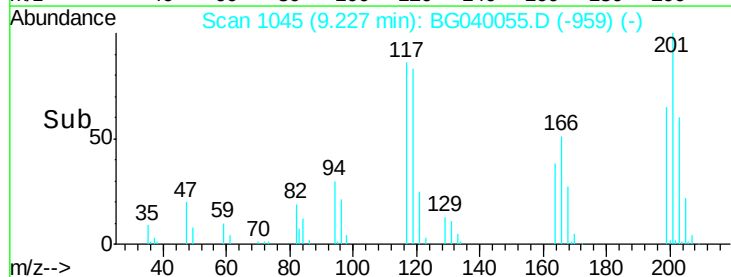
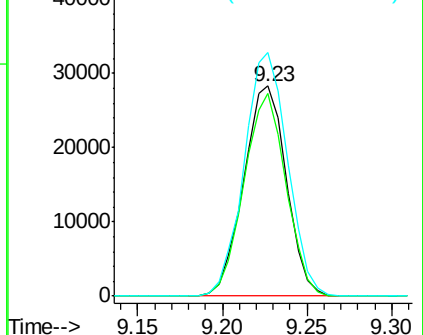


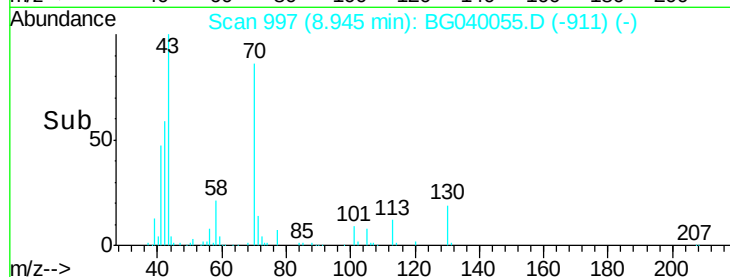
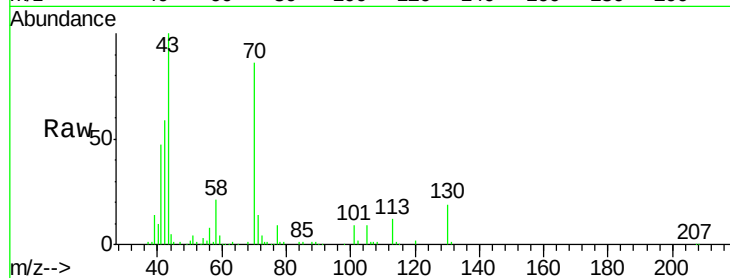
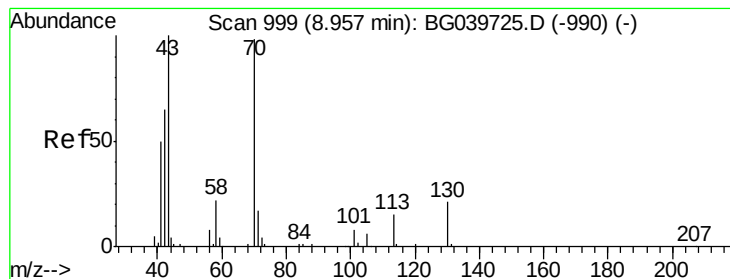
#18
Hexachloroethane
Concen: 40.054 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion:	117	Resp:	49738
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.3	114.5
201	115.9	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: 38.522 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 102376

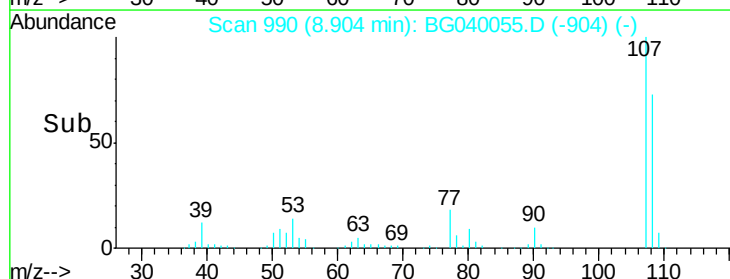
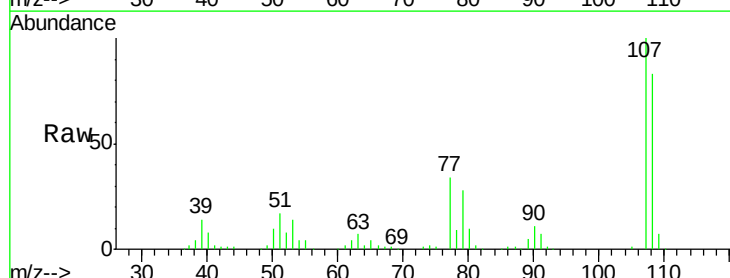
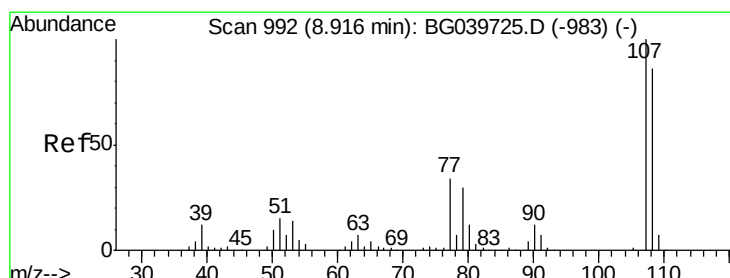
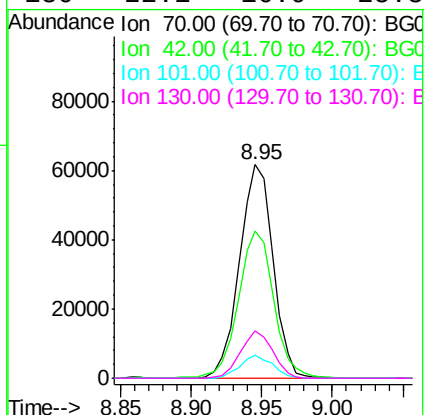
Ion Ratio Lower Upper

70 100

42 68.7 60.4 90.6

101 10.5 7.5 11.3

130 22.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 39.915 ng

RT: 8.90 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Tgt Ion: 107 Resp: 141427

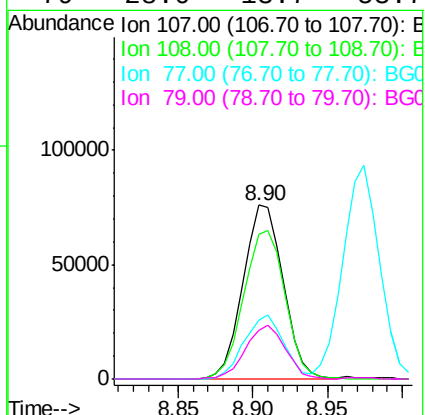
Ion Ratio Lower Upper

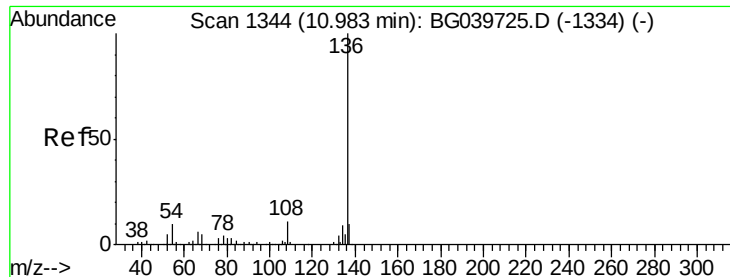
107 100

108 83.2 67.9 107.9

77 33.9 15.4 55.4

79 28.0 13.7 53.7

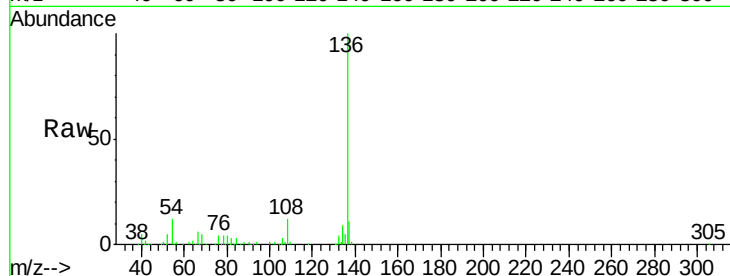




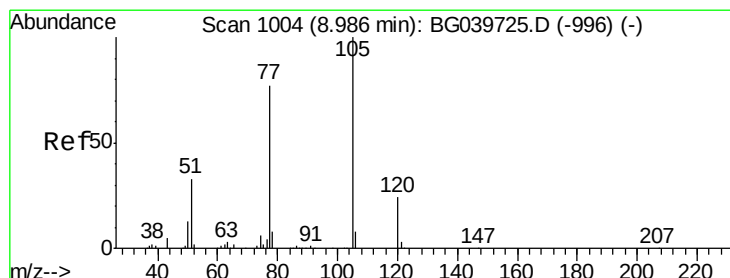
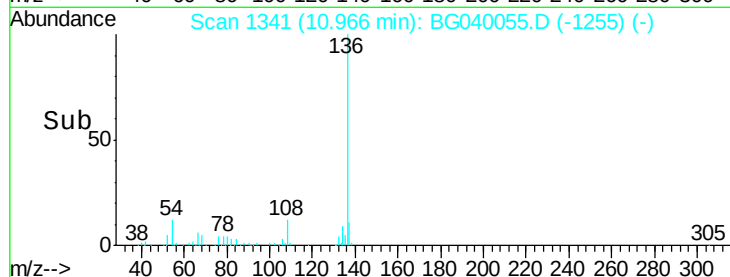
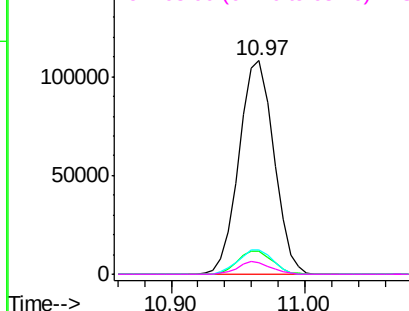
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	195961
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.1 13.7
54	11.6	9.4 14.2
68	5.3	4.2 6.4

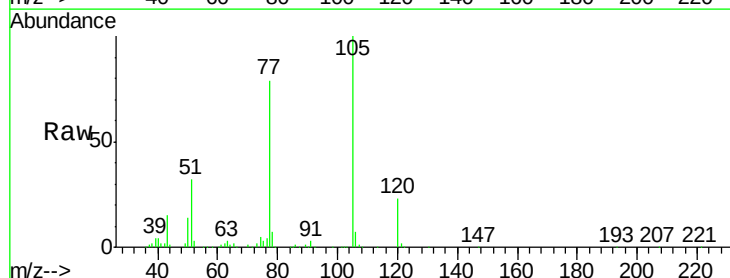


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

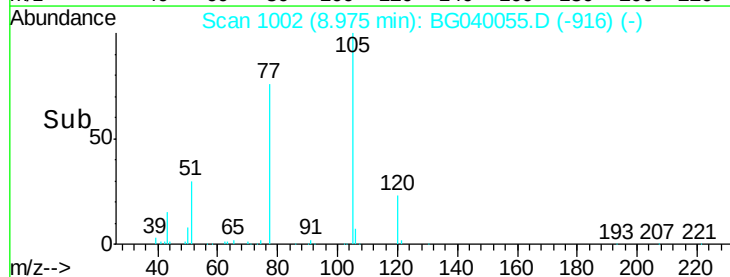
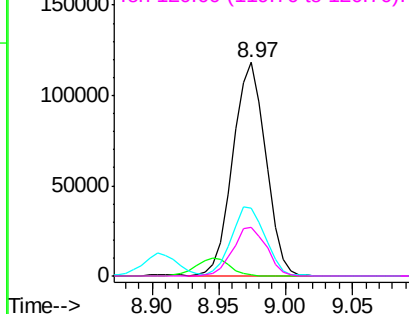


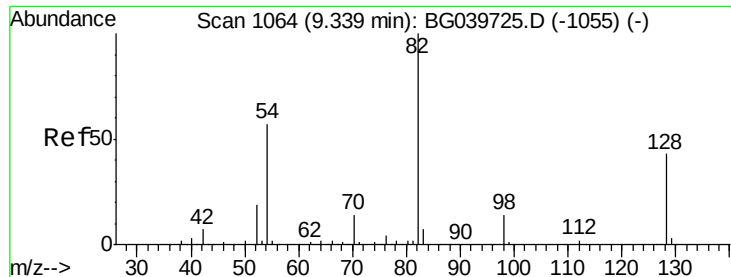
#22
Acetophenone
Concen: 38.606 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion:105	Resp:	203050
Ion	Ratio	Lower Upper
105	100	
71	0.4	0.8 1.2#
51	31.9	30.2 45.2
120	22.7	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

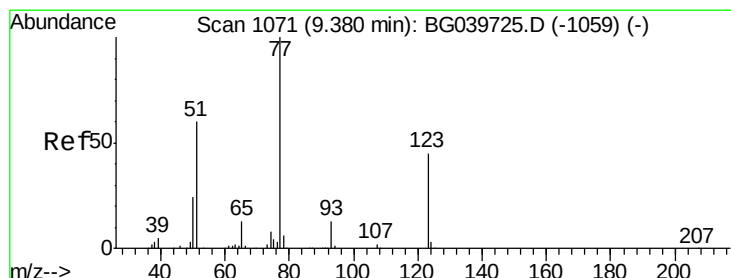
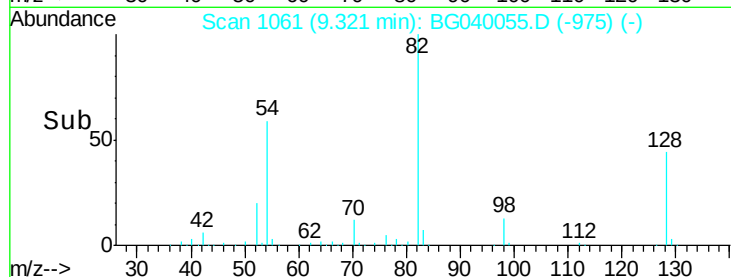
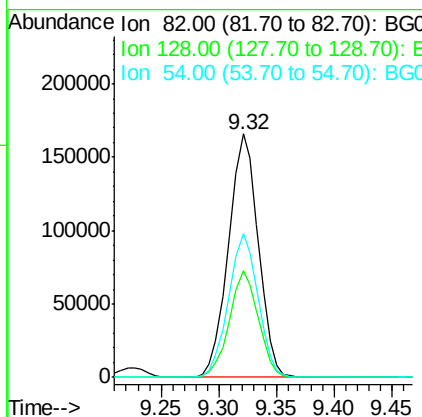
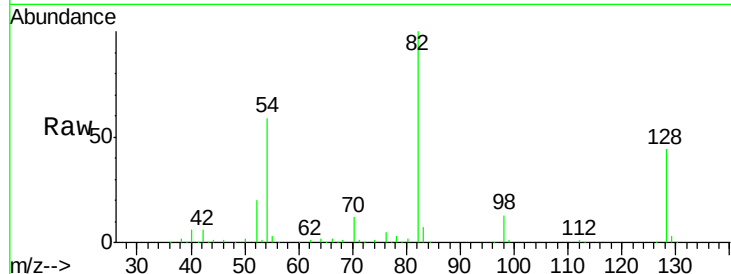




#23
 Nitrobenzene-d5
 Concen: 81.905 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

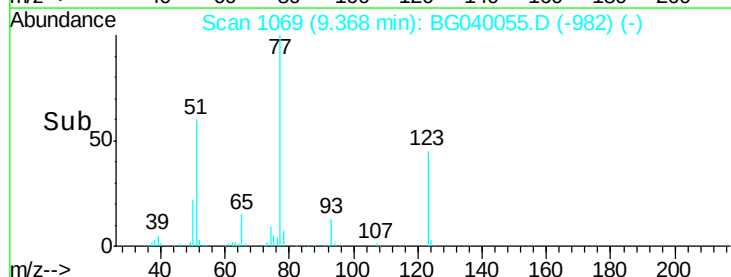
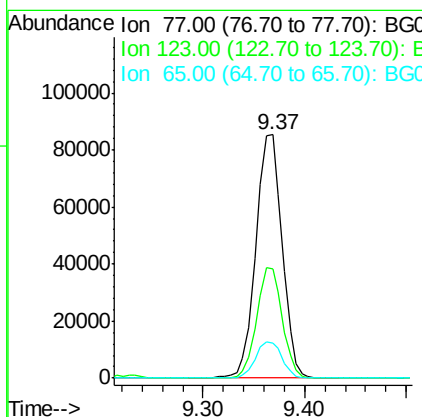
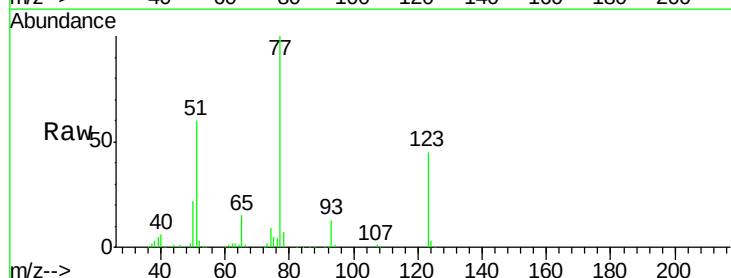
Instrument :
 BNA_G
 ClientSampleId :

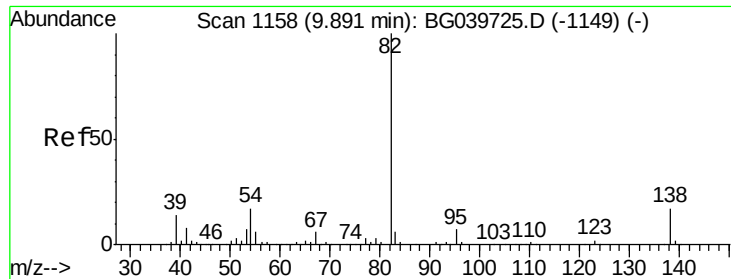
Tot Ion: 82 Resp: 296764
 Ion Ratio Lower Upper
 82 100
 128 43.6 31.3 46.9
 54 59.0 50.9 76.3



#24
 Nitrobenzene
 Concen: 40.362 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion: 77 Resp: 153417
 Ion Ratio Lower Upper
 77 100
 123 44.6 34.1 51.1
 65 14.5 12.3 18.5





#25

Isophorone

Concen: 39.218 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

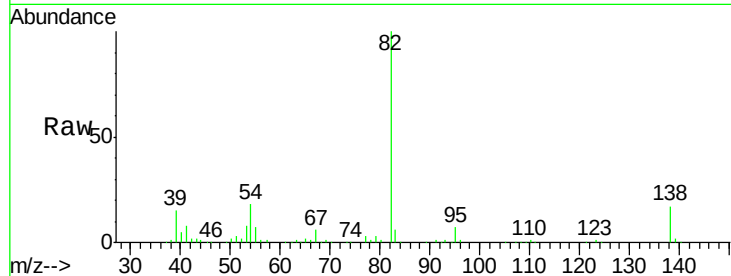
Tot Ion: 82 Resp: 297738

Ion Ratio Lower Upper

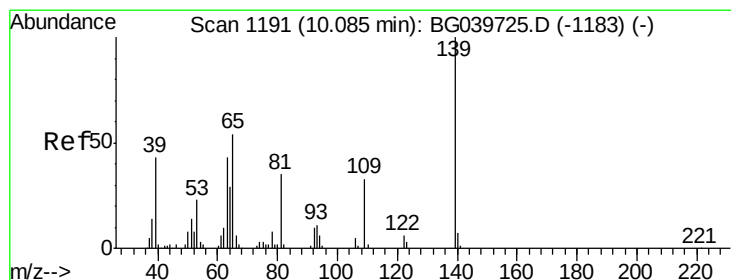
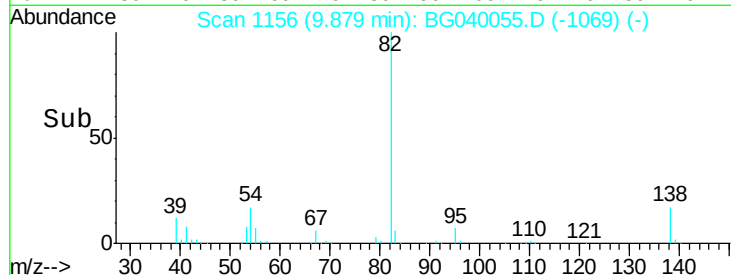
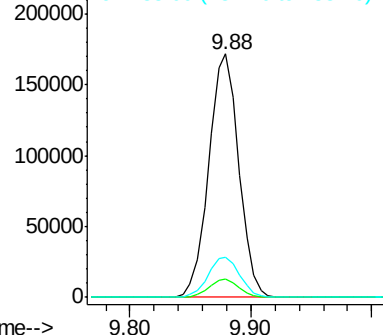
82 100

95 7.4 6.2 9.2

138 16.6 13.0 19.4



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



#26

2-Nitrophenol

Concen: 42.343 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

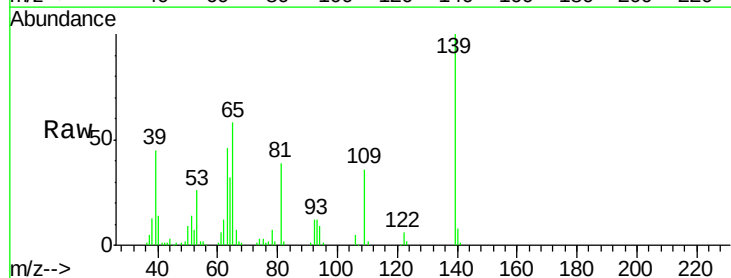
Tgt Ion: 139 Resp: 77710

Ion Ratio Lower Upper

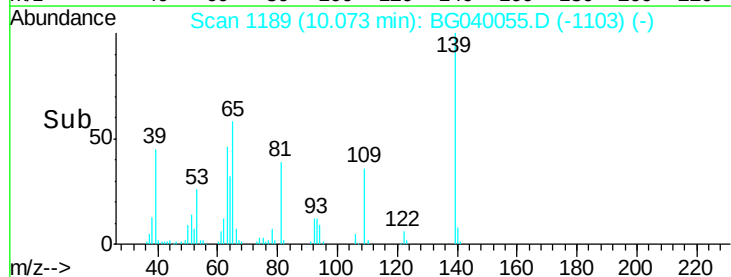
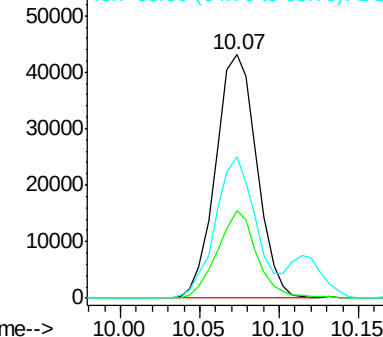
139 100

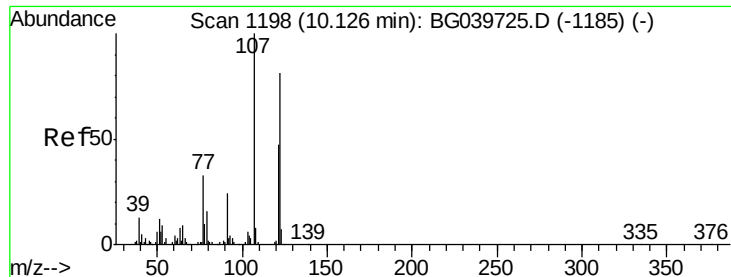
109 36.1 23.4 35.0#

65 58.2 44.3 66.5



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

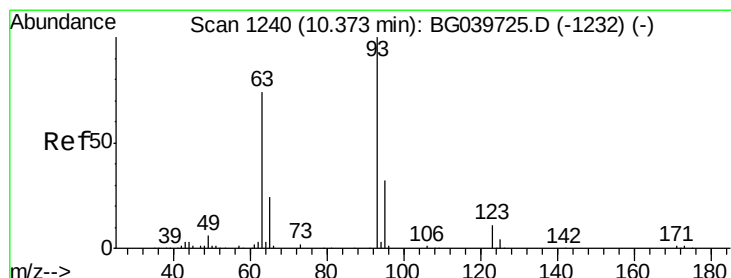
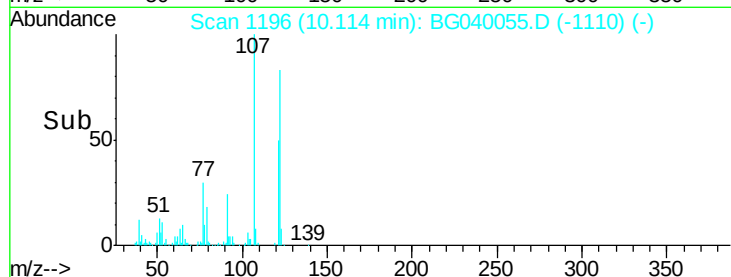
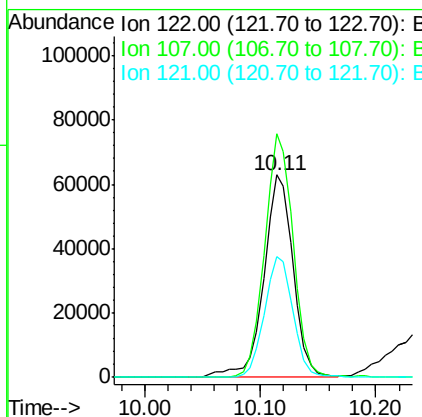
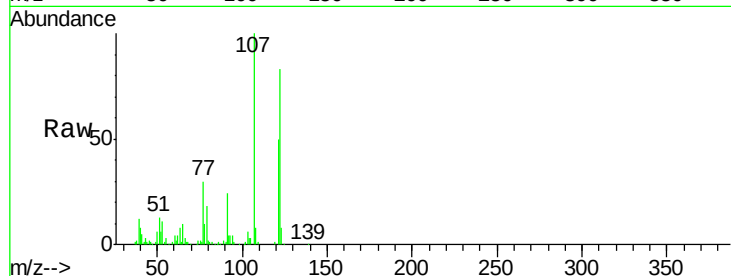




#27
2,4-Dimethylphenol
Concen: 39.091 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

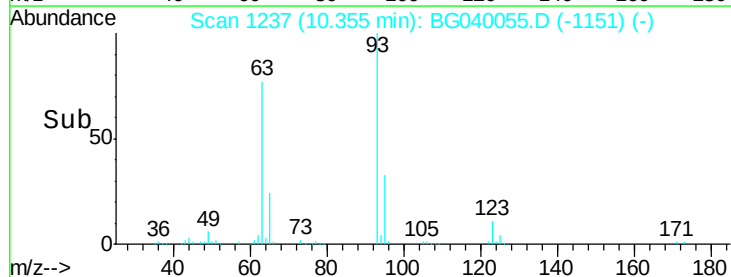
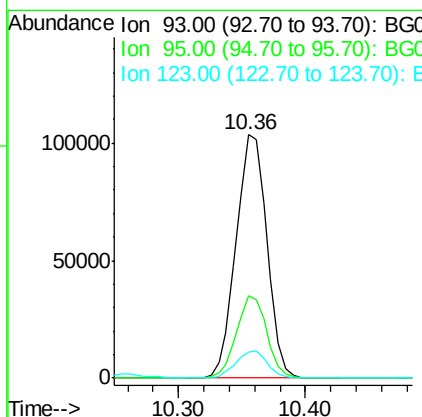
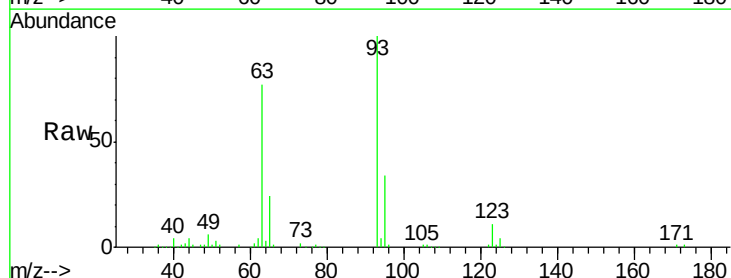
Instrument :
BNA_G
ClientSampled :

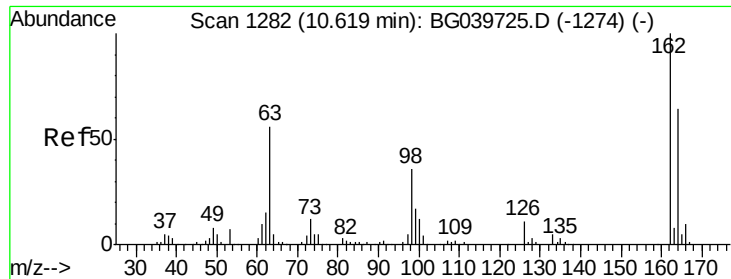
Tot Ion:122 Resp: 111577
Ion Ratio Lower Upper
122 100
107 120.4 91.7 137.5
121 60.0 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.852 ng
RT: 10.36 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion: 93 Resp: 174635
Ion Ratio Lower Upper
93 100
95 33.6 25.0 37.4
123 10.9 8.6 12.8

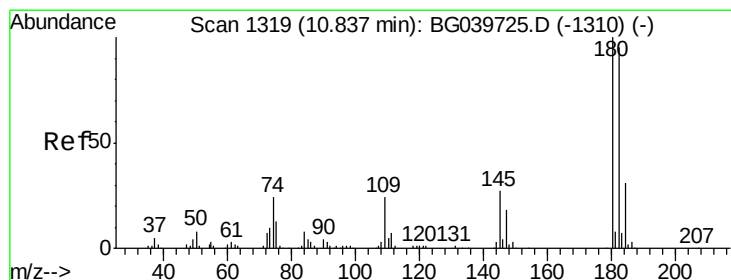
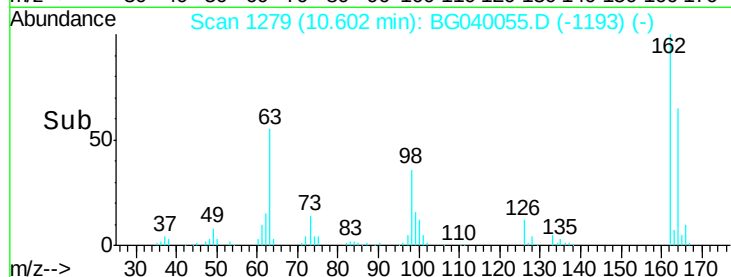
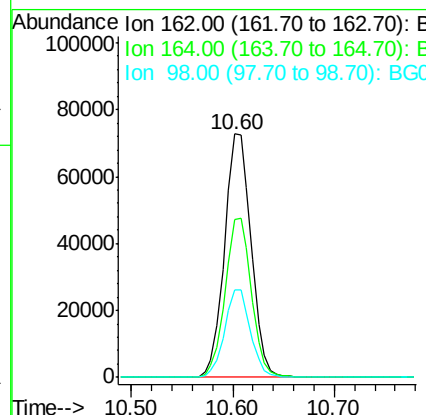
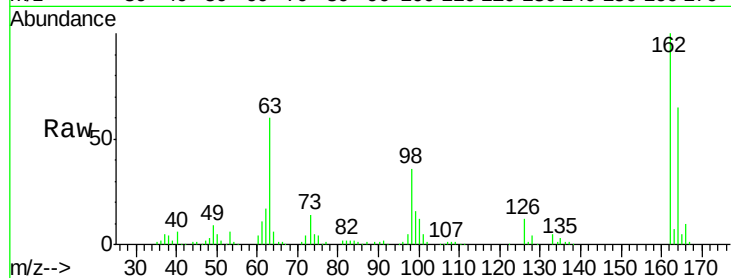




#29
 2,4-Dichlorophenol
 Concen: 41.223 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

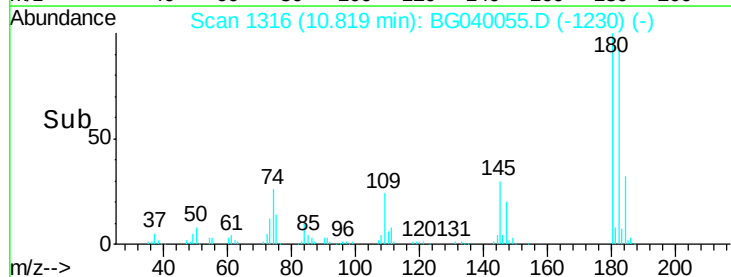
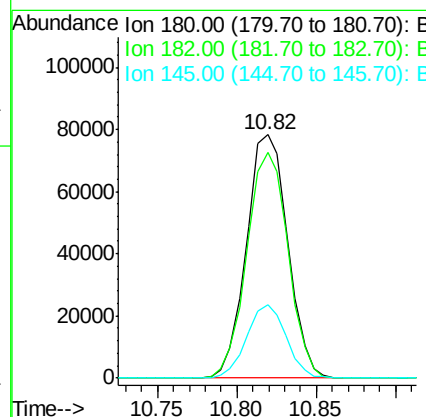
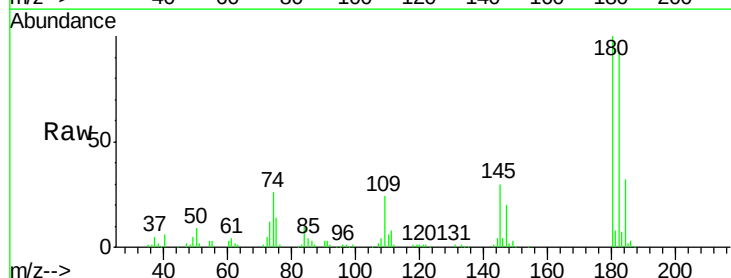
Instrument :
 BNA_G
 ClientSampleId :

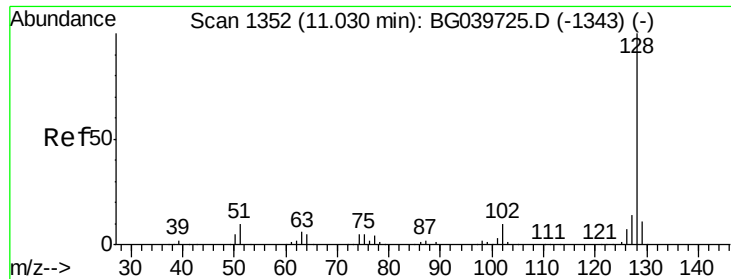
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	48.1	88.1
98	35.7	18.1	58.1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.188 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	76.0	114.0
145	30.4	22.7	34.1

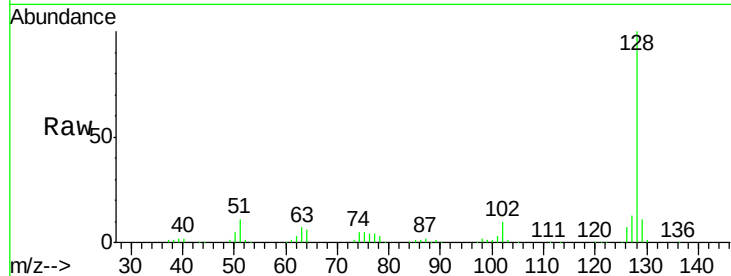




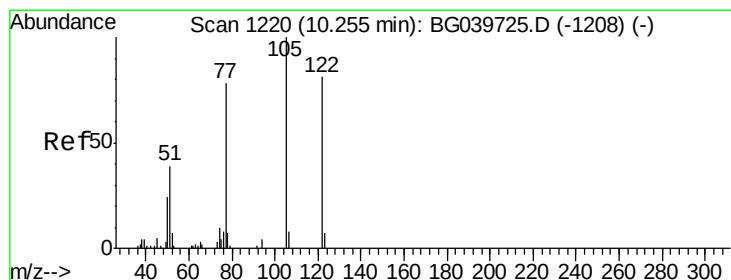
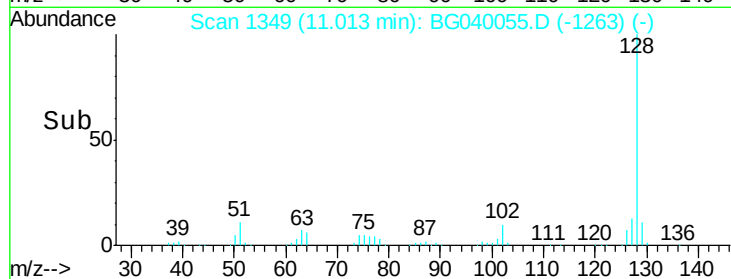
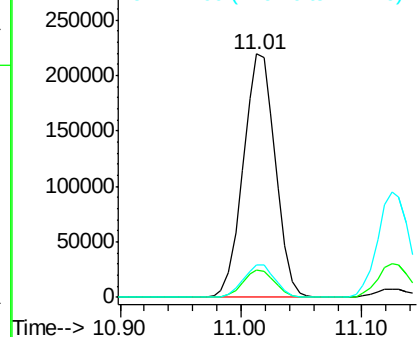
#31
Naphthalene
Concen: 39.066 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 405324
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.4 10.8 16.2

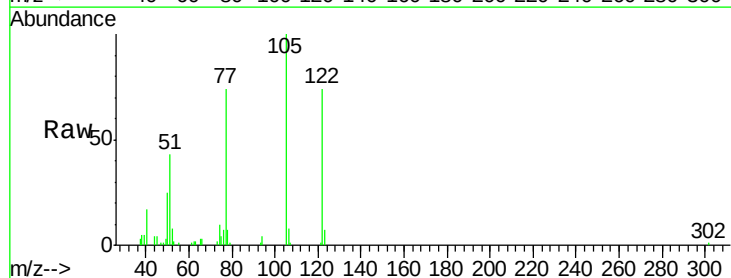


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

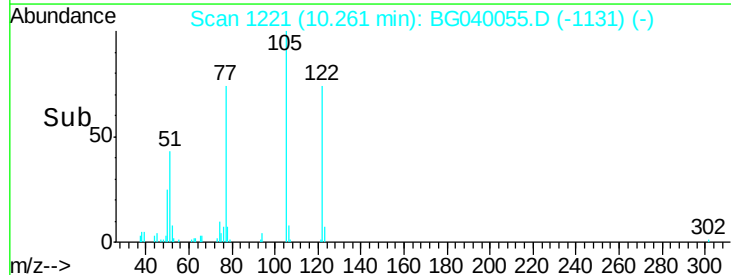
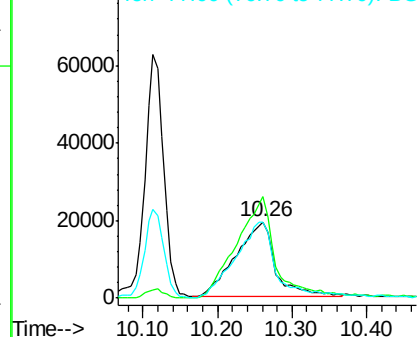


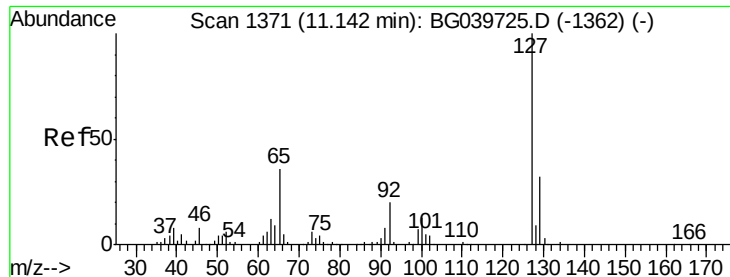
#32
Benzoic acid
Concen: 37.917 ng
RT: 10.26 min Scan# 1221
Delta R.T. 0.00 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion:122 Resp: 71160
Ion Ratio Lower Upper
122 100
105 134.4 101.8 141.8
77 99.8 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

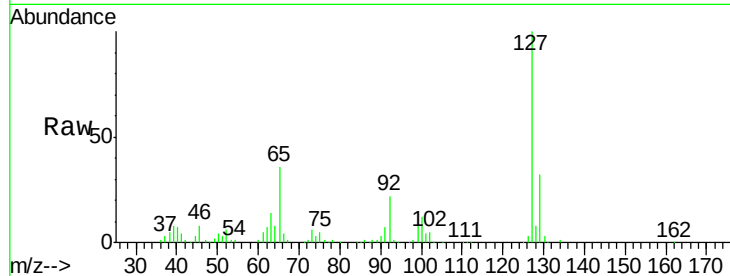




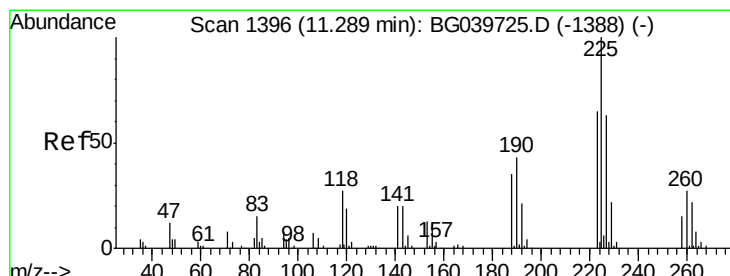
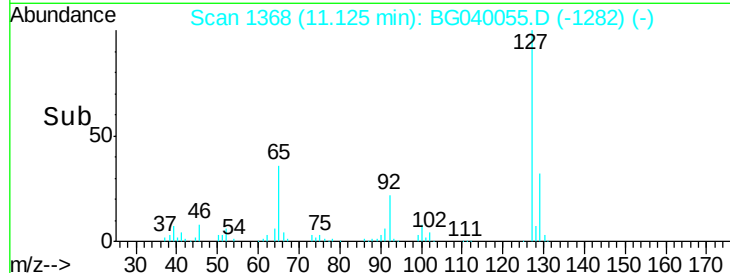
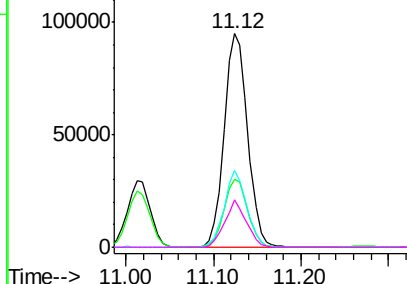
#33
4-Chloroaniline
Concen: 39.666 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	174511
Ion	Ratio	Lower	Upper
127	100		
129	32.0	27.0	40.4
65	35.9	28.8	43.2
92	22.3	16.6	25.0

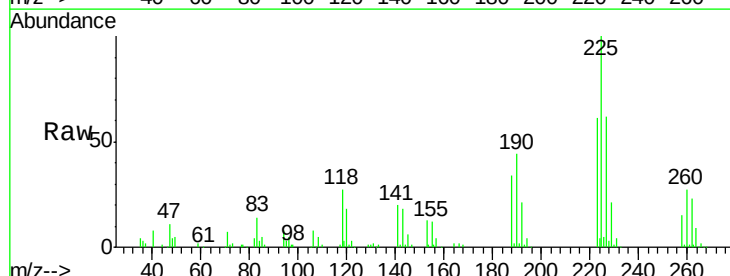


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

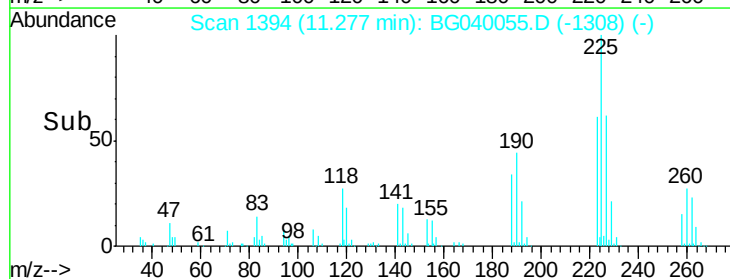
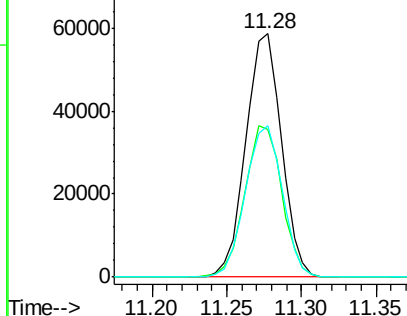


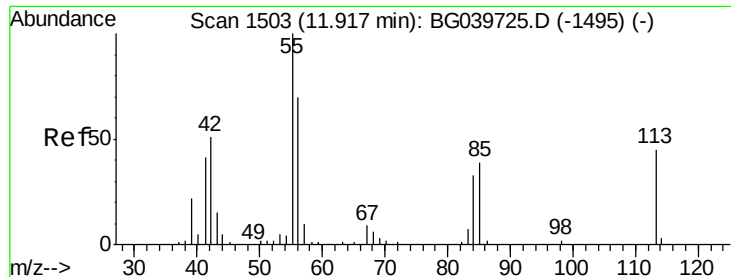
#34
Hexachlorobutadiene
Concen: 39.157 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion:	225	Resp:	96761
Ion	Ratio	Lower	Upper
225	100		
223	60.8	49.0	73.6
227	62.3	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

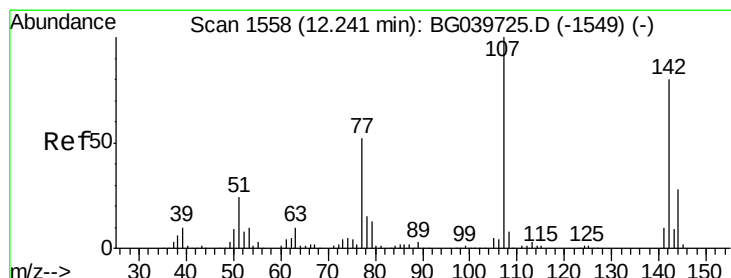
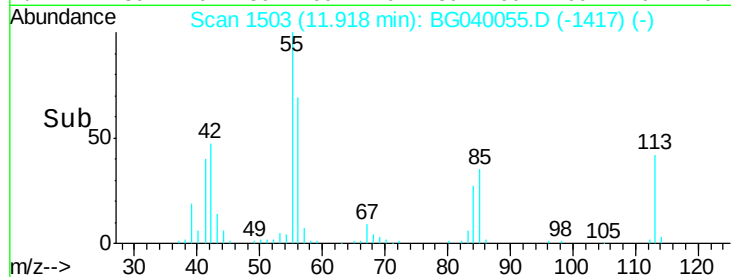
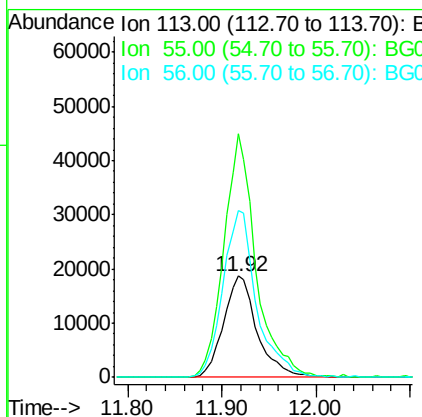
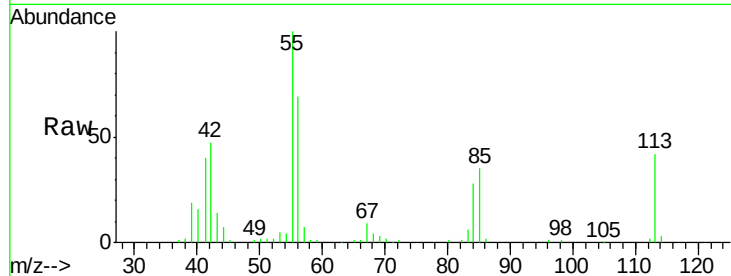




#35
 Caprolactam
 Concen: 37.748 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

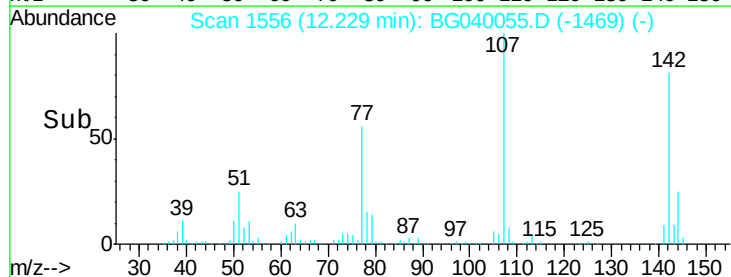
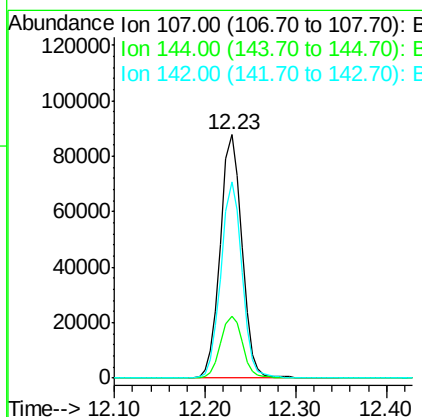
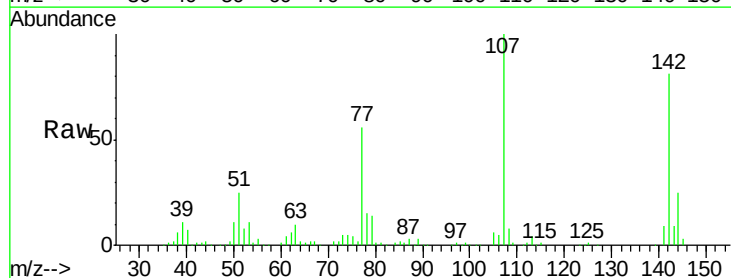
Instrument :
 BNA_G
 ClientSampled :

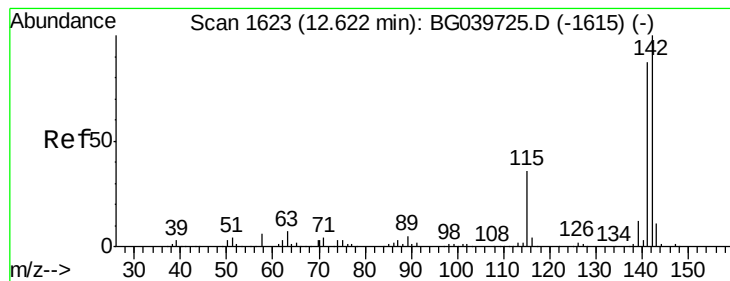
Tot Ion:113 Resp: 46339
 Ion Ratio Lower Upper
 113 100
 55 240.0 216.9 256.9
 56 164.6 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.566 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion:107 Resp: 145756
 Ion Ratio Lower Upper
 107 100
 144 25.3 20.2 30.2
 142 80.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.542 ng

RT: 12.60 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

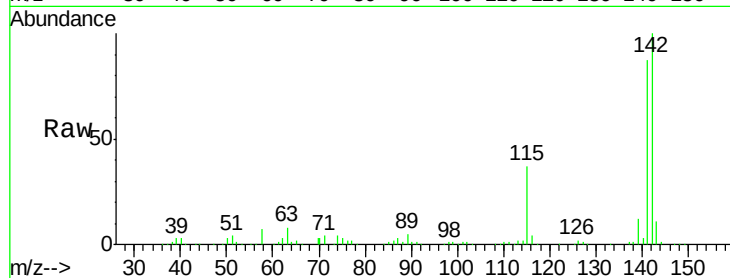
Tot Ion:142 Resp: 306725

Ion Ratio Lower Upper

142 100

141 87.0 73.5 110.3

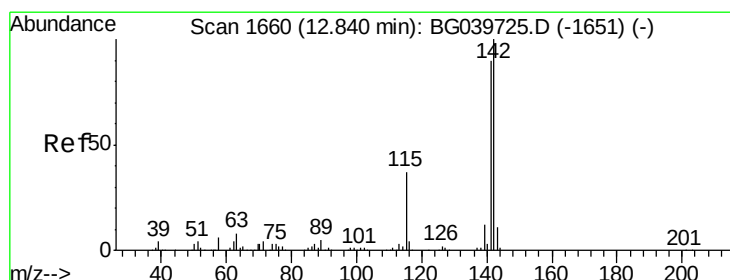
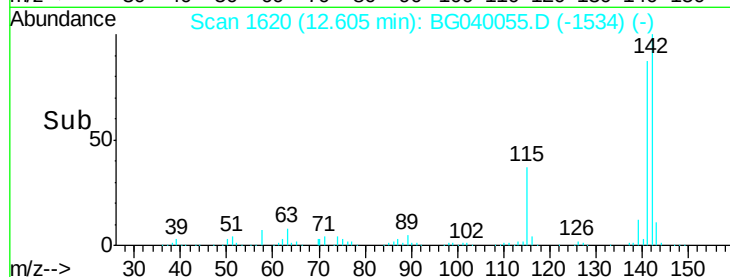
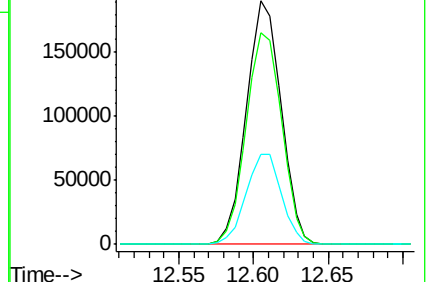
115 36.8 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.299 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

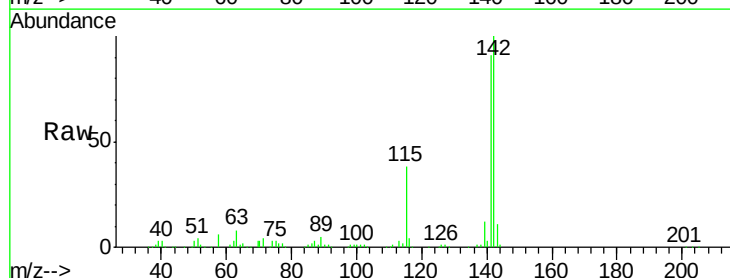
Tgt Ion:142 Resp: 296243

Ion Ratio Lower Upper

142 100

141 91.0 74.2 111.4

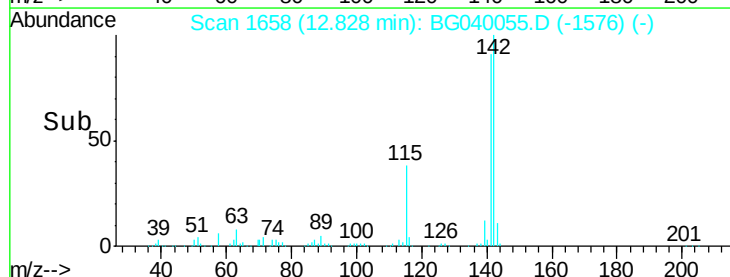
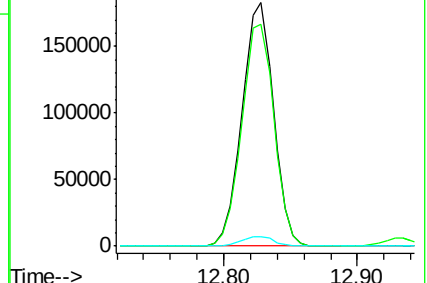
116 4.0 3.0 4.6

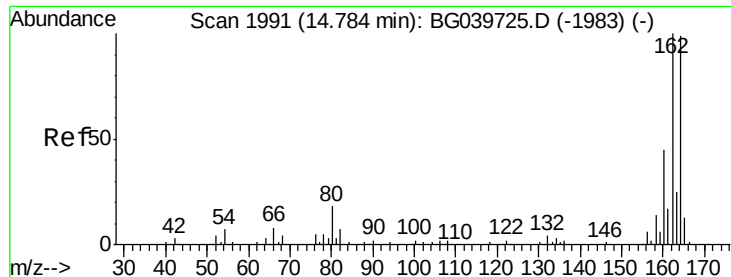


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

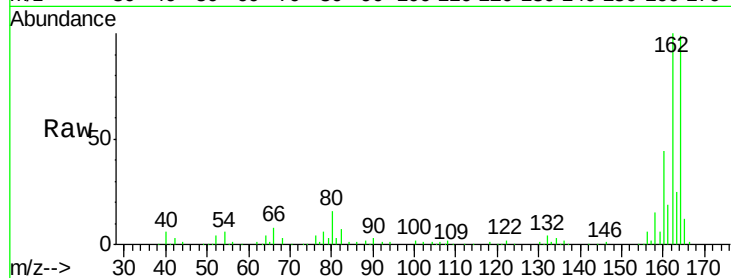
Tot Ion:164 Resp: 132457

Ion Ratio Lower Upper

164 100

162 101.3 81.6 122.4

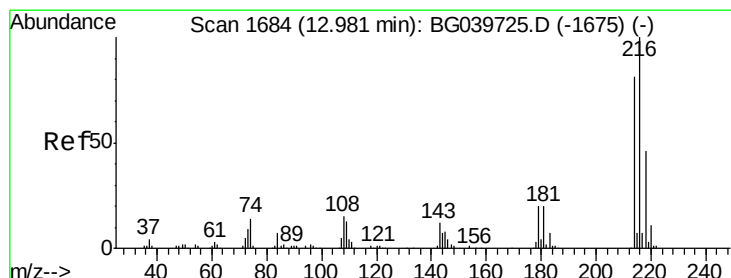
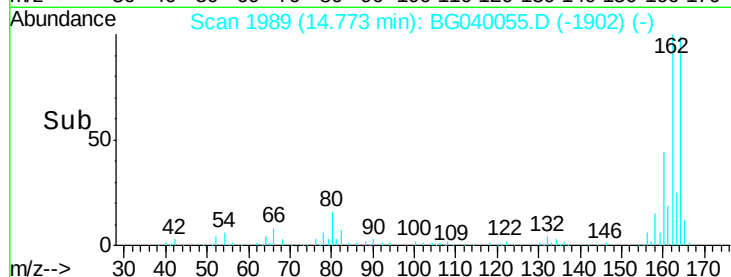
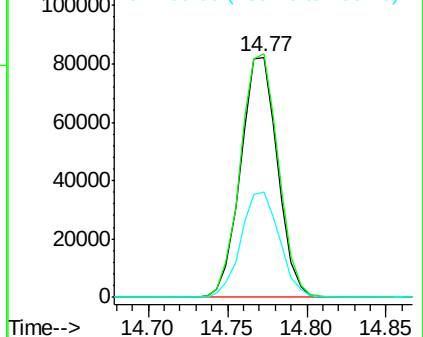
160 44.1 34.2 51.2



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: 39.608 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Tgt Ion:216 Resp: 177731

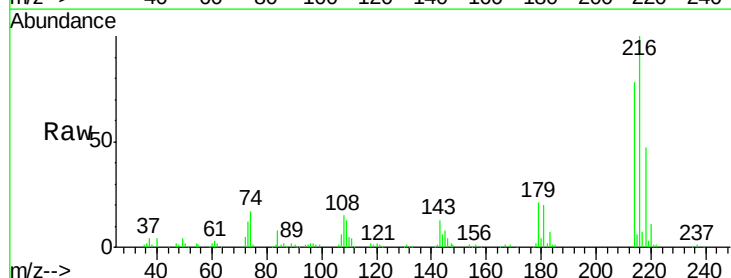
Ion Ratio Lower Upper

216 100

214 79.3 62.6 94.0

179 20.0 16.6 25.0

108 16.7 14.0 21.0

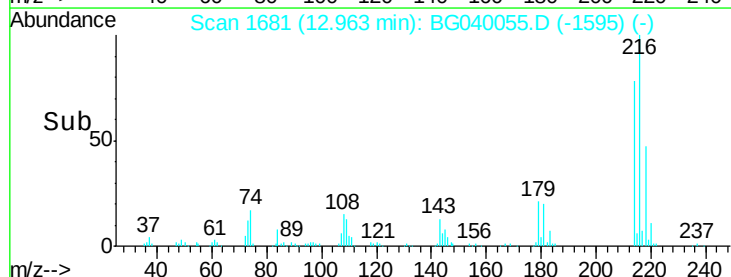
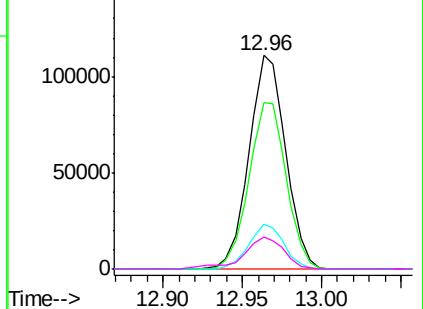


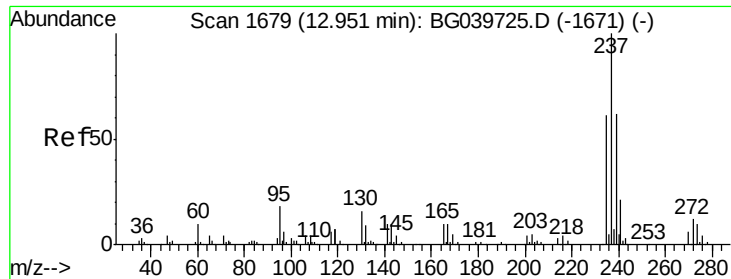
Abundance Ion 216.00 (215.70 to 216.70): E

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

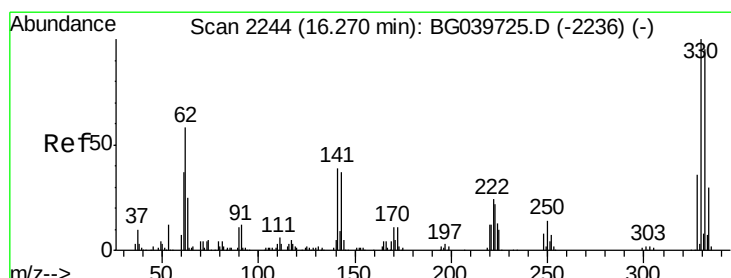
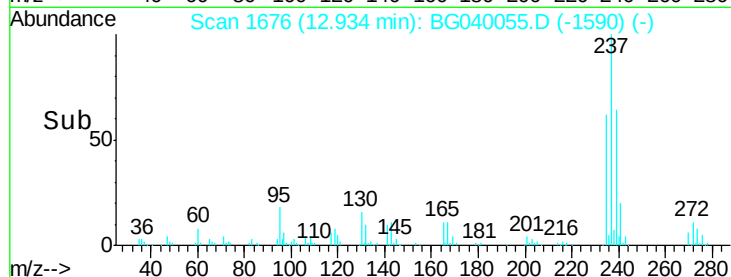
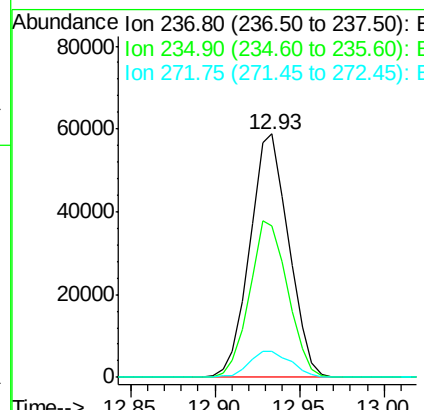
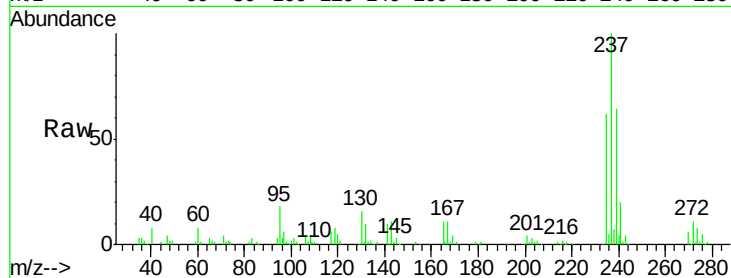




#41
Hexachlorocyclopentadiene
Concen: 39.063 ng
RT: 12.93 min Scan# 1676
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

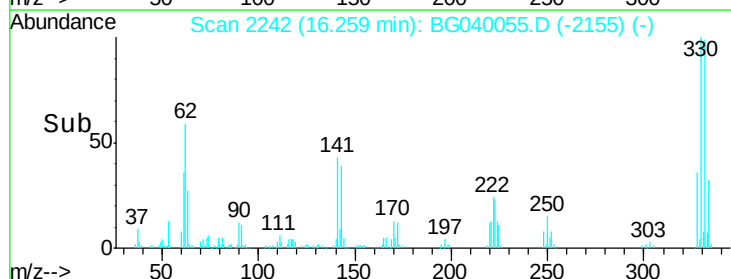
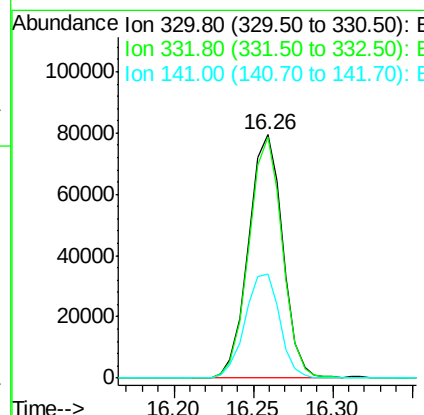
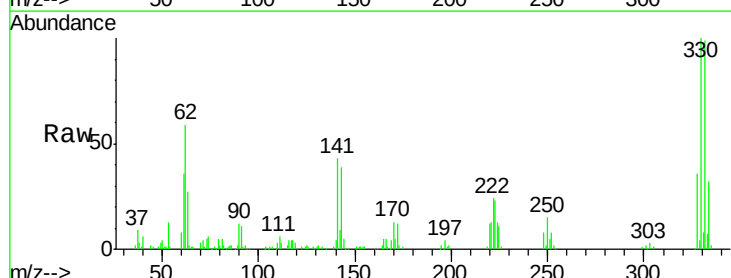
Instrument :
BNA_G
ClientSampleId :

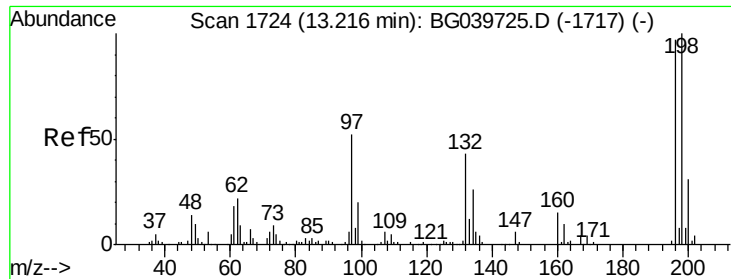
Tot Ion	Ratio	Lower	Upper
237	100		
235	62.2	43.3	83.3
272	10.7	0.0	32.3



#42
2,4,6-Tribromophenol
Concen: 77.232 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	75.7	113.5
141	43.2	35.6	53.4

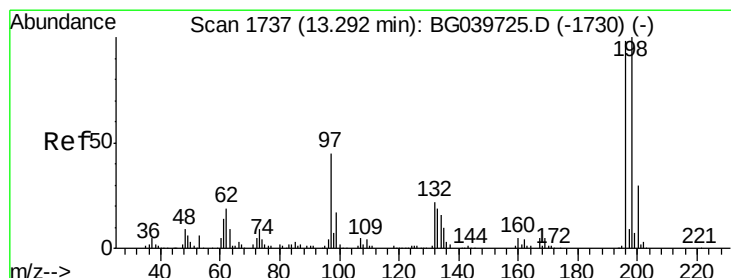
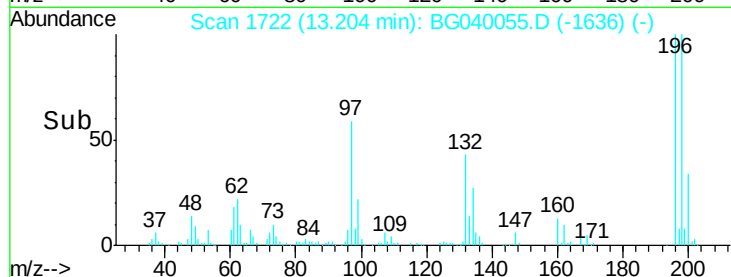
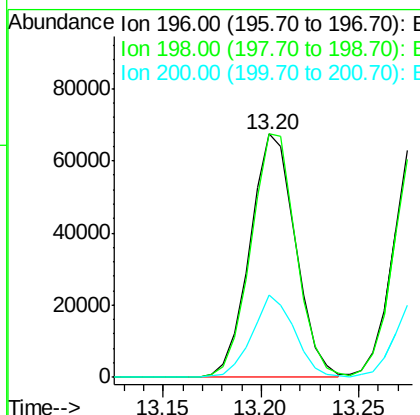
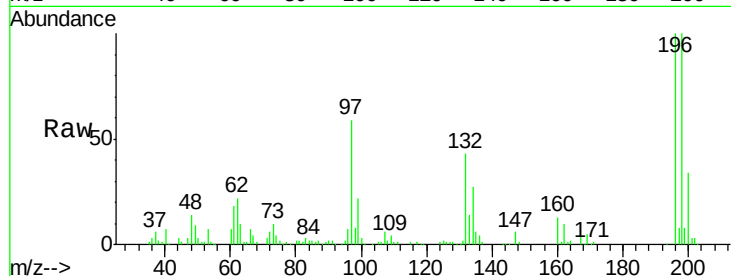




#43
 2,4,6-Trichlorophenol
 Concen: 41.294 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

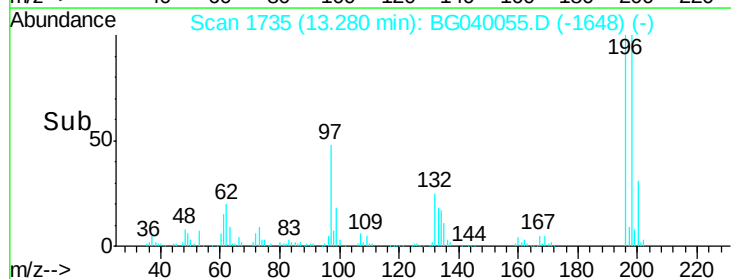
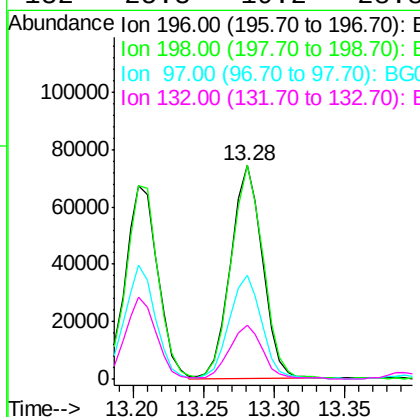
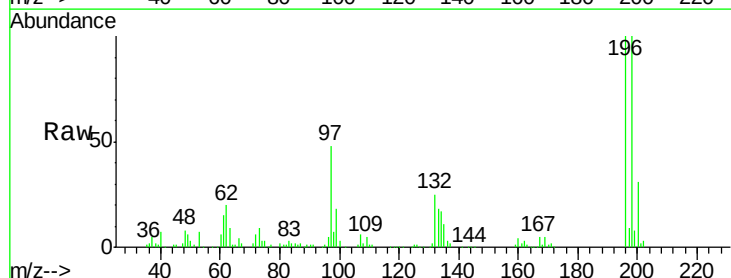
Instrument :
 BNA_G
 ClientSampleId :

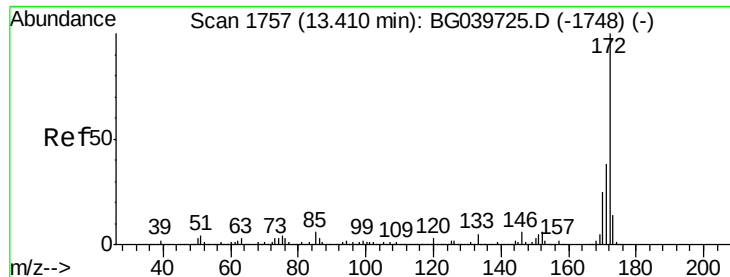
Tot Ion:196 Resp: 108485
 Ion Ratio Lower Upper
 196 100
 198 100.1 80.6 121.0
 200 33.9 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 39.625 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion:196 Resp: 117339
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.5 117.7
 97 48.4 38.4 57.6
 132 25.3 19.2 28.8

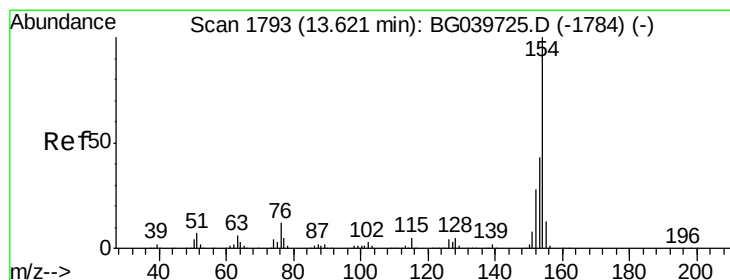
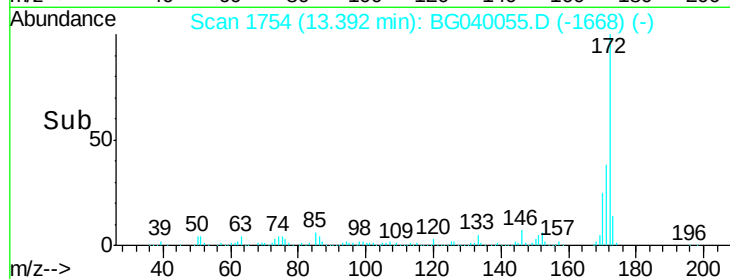
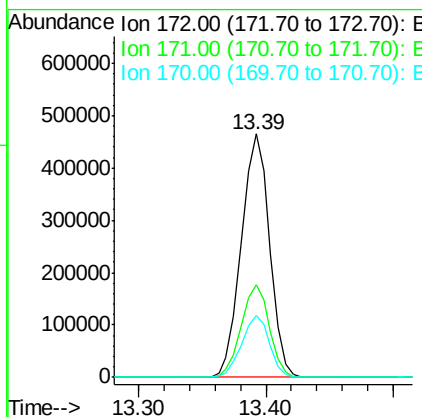
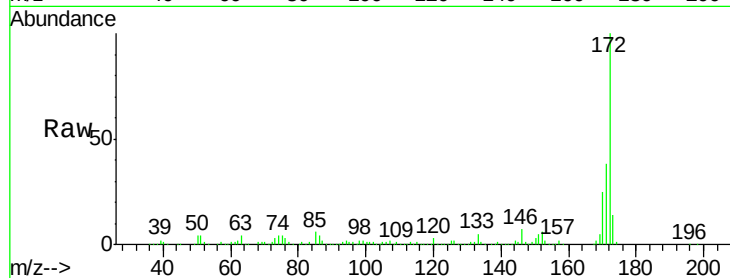




#45
 2-Fluorobiphenyl
 Concen: 76.981 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

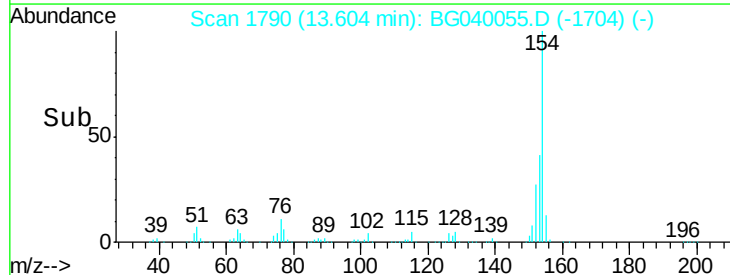
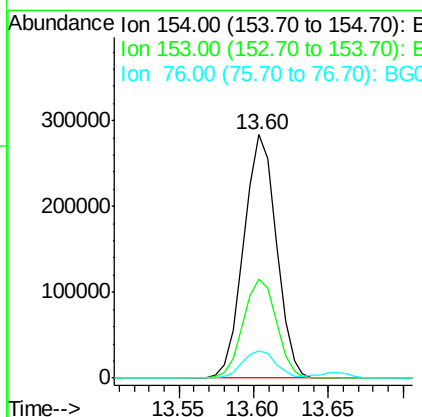
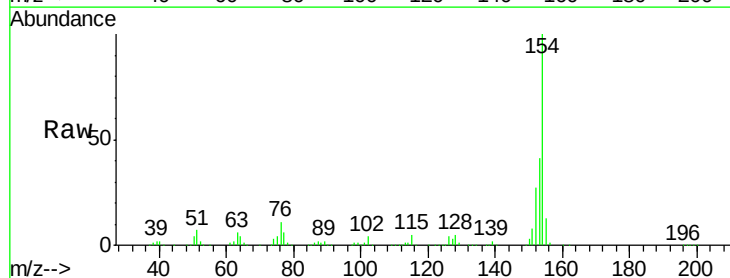
Instrument :
 BNA_G
 ClientSampleId :

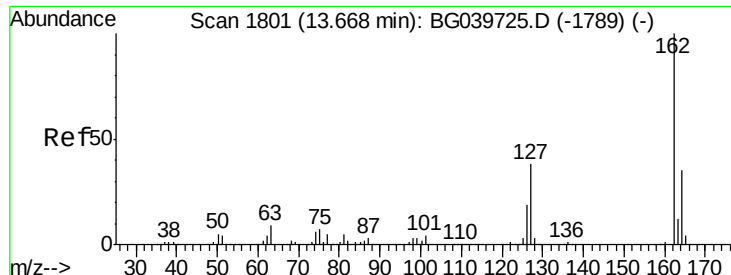
Tot Ion:172 Resp: 716141
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 25.4 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 39.372 ng
 RT: 13.60 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion:154 Resp: 428936
 Ion Ratio Lower Upper
 154 100
 153 40.7 22.1 62.1
 76 11.4 0.0 32.4

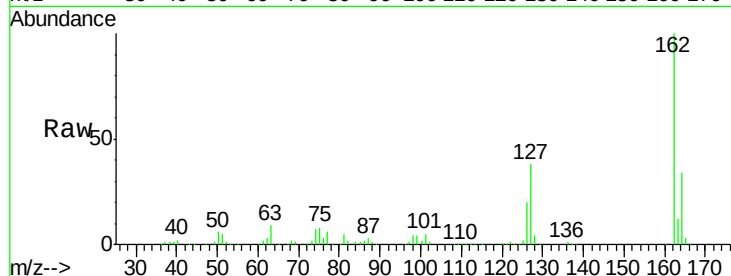




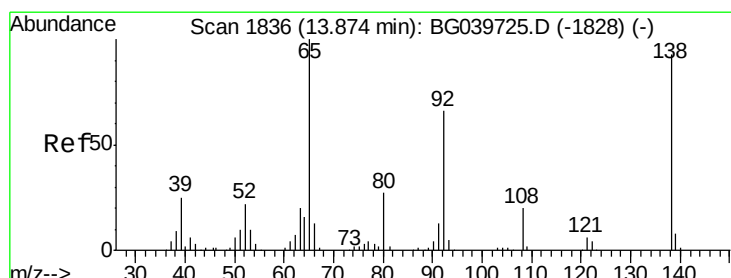
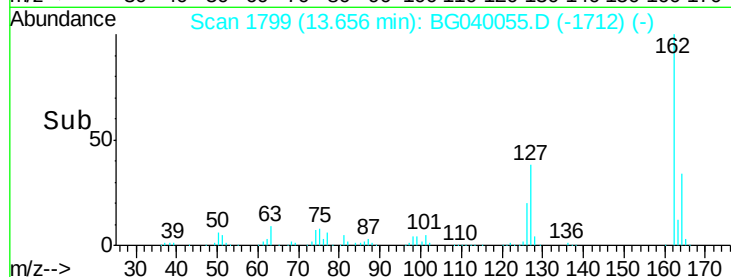
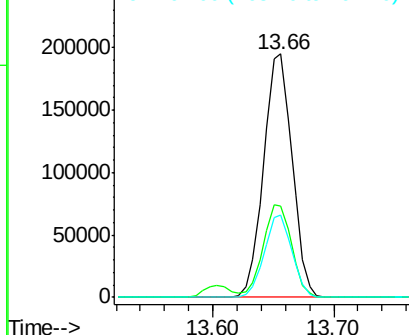
#47
 2-Chloronaphthalene
 Concen: 38.807 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 318052
 Ion Ratio Lower Upper
 162 100
 127 37.6 31.0 46.6
 164 33.7 25.7 38.5

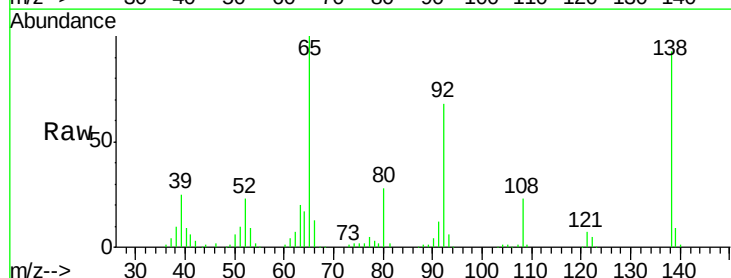


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

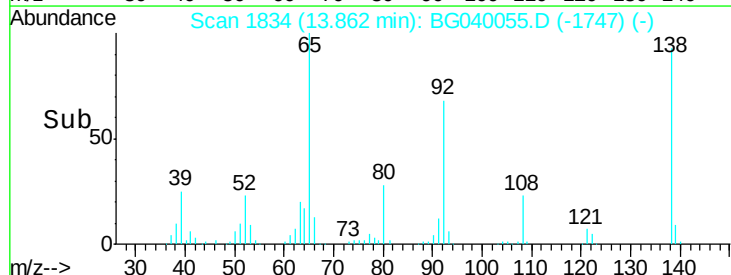
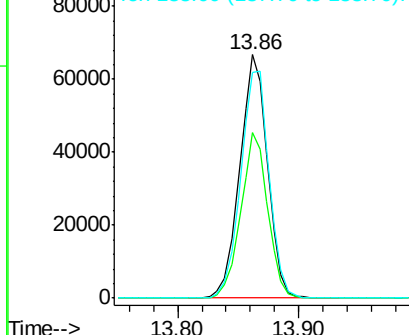


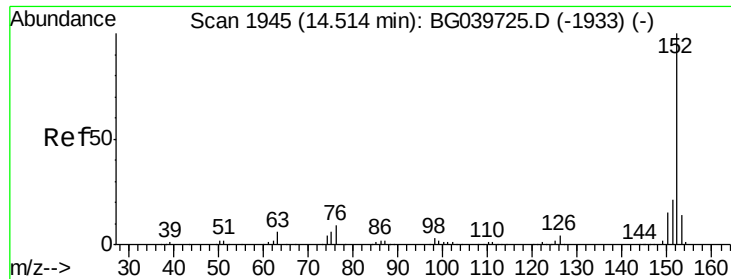
#48
 2-Nitroaniline
 Concen: 40.301 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion: 65 Resp: 106148
 Ion Ratio Lower Upper
 65 100
 92 68.0 51.4 77.2
 138 92.6 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: 39.145 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

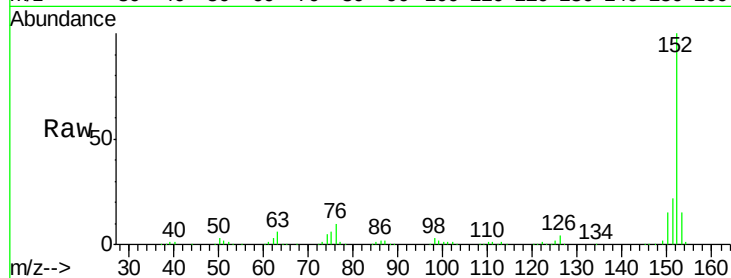
Tot Ion:152 Resp: 526671

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

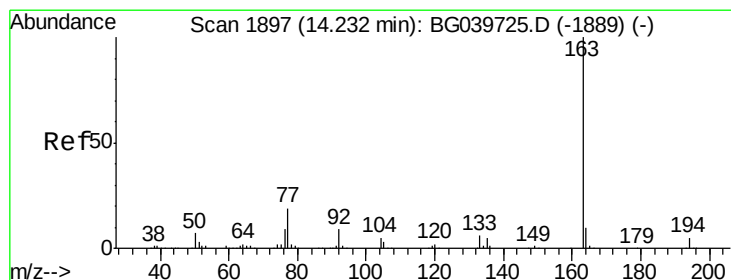
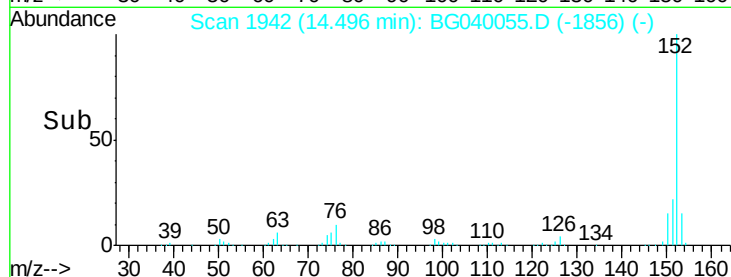
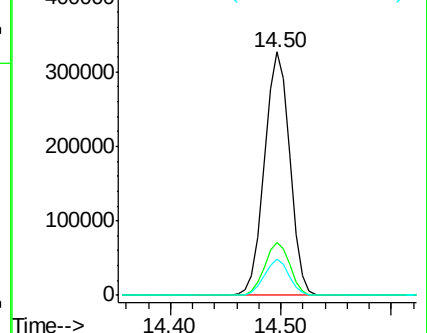
153 14.7 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.516 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

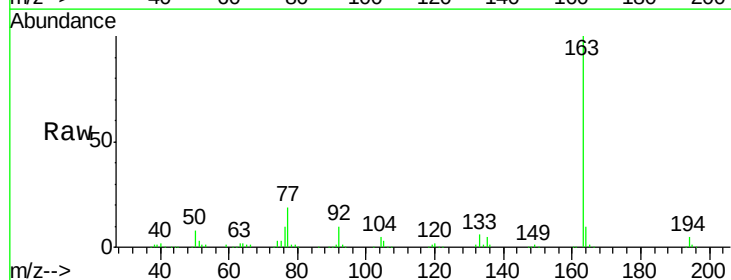
Tgt Ion:163 Resp: 415528

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

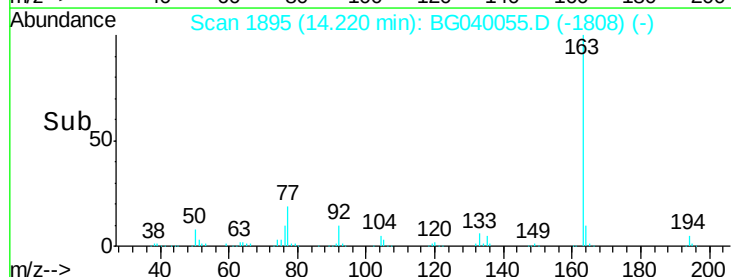
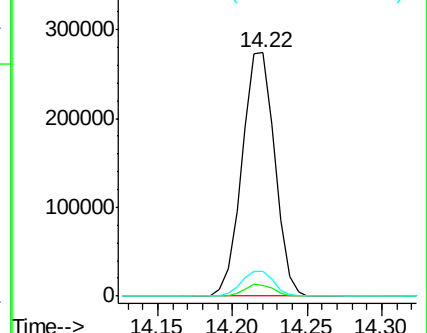
164 10.1 8.4 12.6

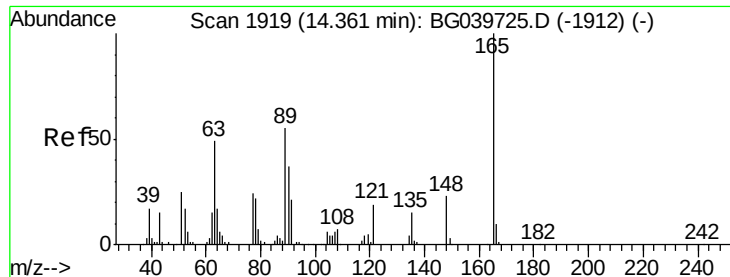


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

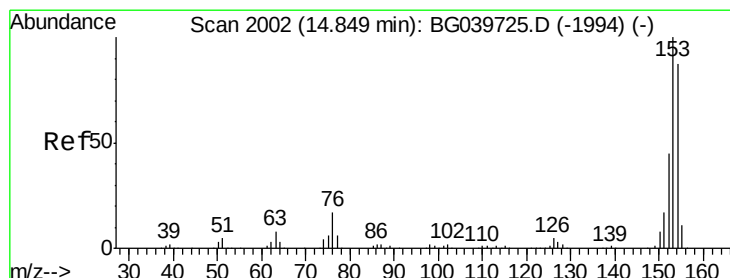
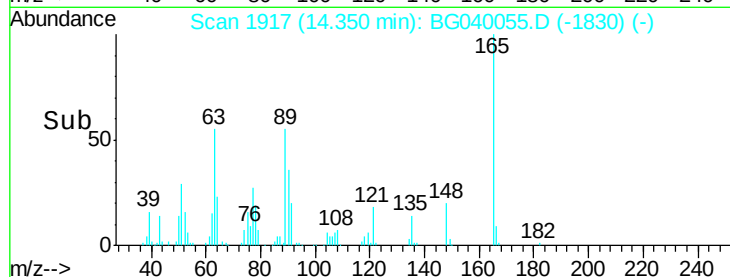
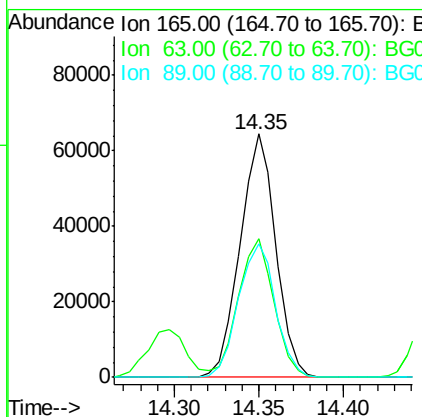
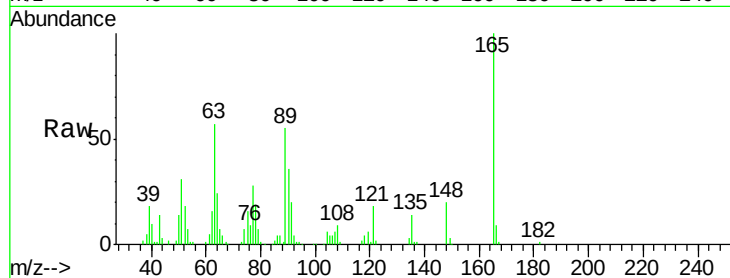




#51
 2,6-Dinitrotoluene
 Concen: 40.248 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

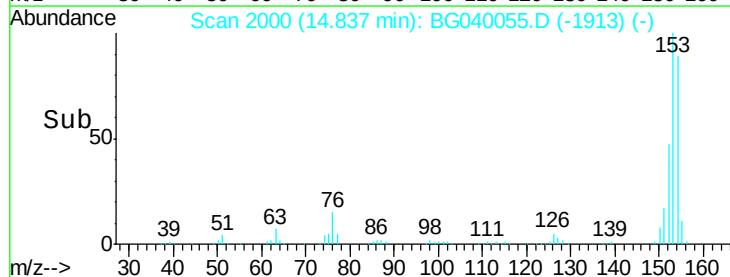
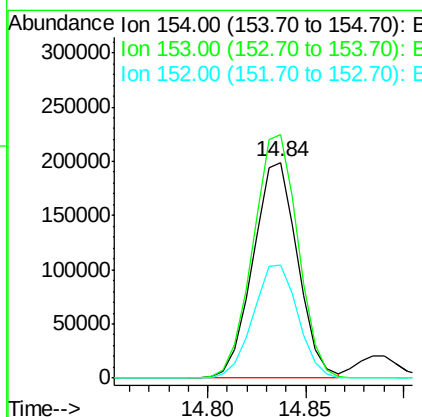
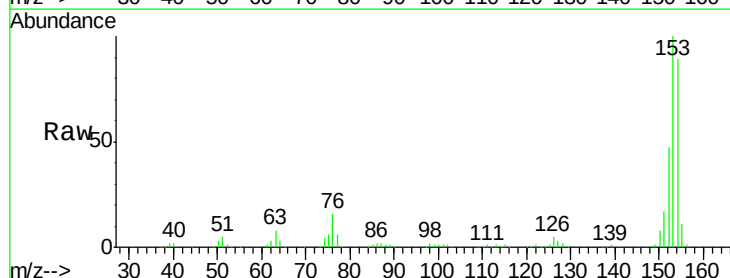
Instrument :
 BNA_G
 ClientSampled :

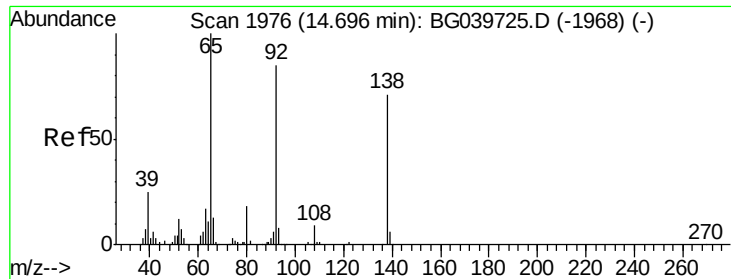
Tot Ion:165 Resp: 94505
 Ion Ratio Lower Upper
 165 100
 63 57.0 47.0 70.6
 89 54.7 45.8 68.8



#52
 Acenaphthene
 Concen: 38.791 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion:154 Resp: 314119
 Ion Ratio Lower Upper
 154 100
 153 112.9 90.1 135.1
 152 52.5 40.9 61.3

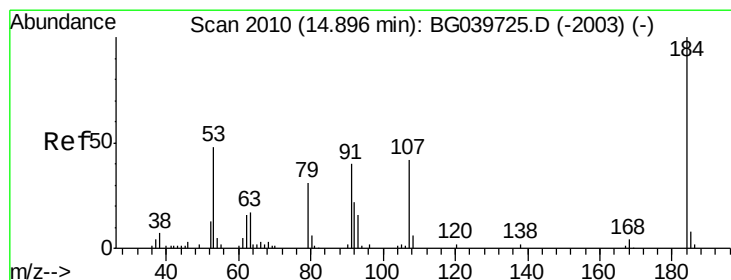
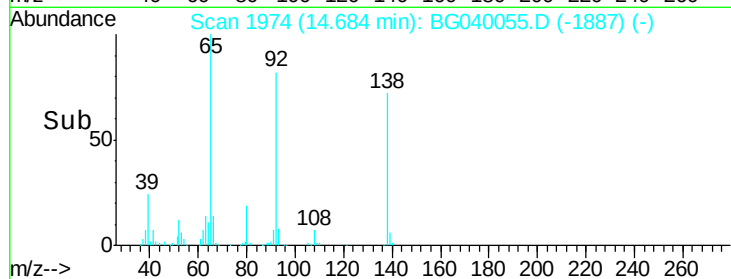
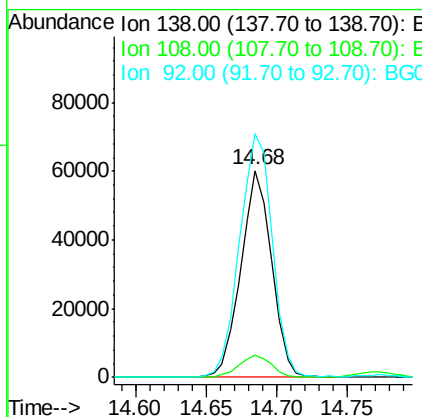
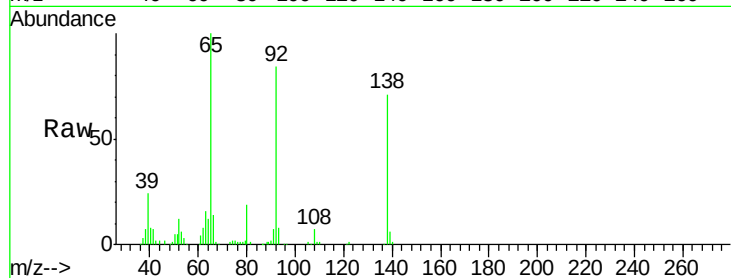




#53
3-Nitroaniline
Concen: 38.928 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

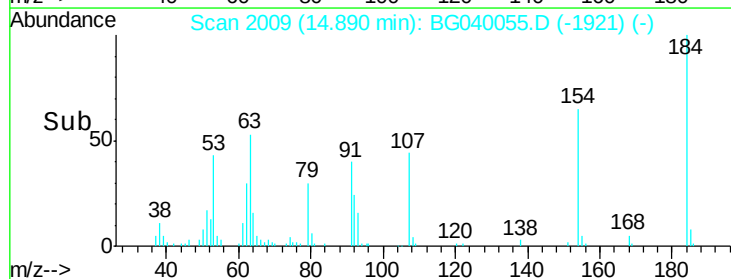
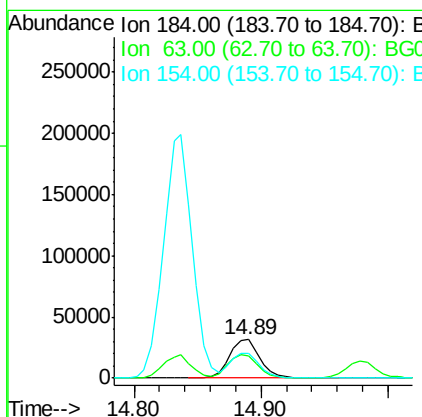
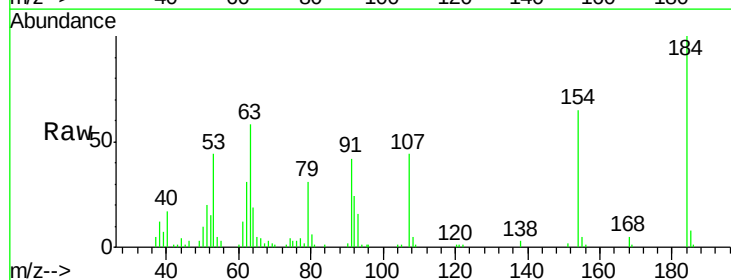
Instrument :
BNA_G
ClientSampleId :

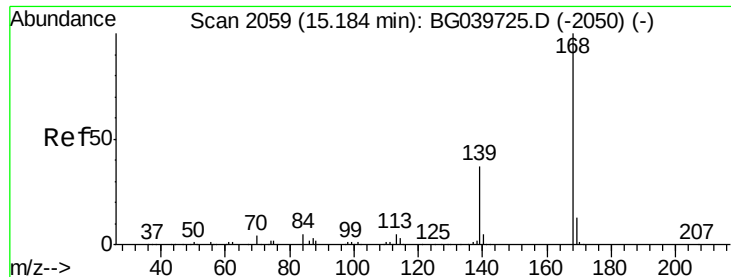
Tot Ion:138 Resp: 91882
Ion Ratio Lower Upper
138 100
108 10.4 13.8 20.8#
92 117.8 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 38.363 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion:184 Resp: 52471
Ion Ratio Lower Upper
184 100
63 58.1 50.9 76.3
154 64.7 53.0 79.6





#55

Dibenzofuran

Concen: 38.582 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

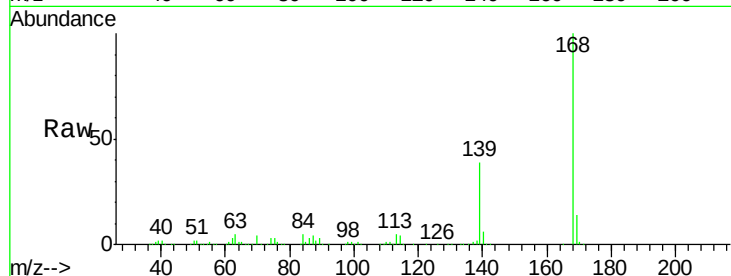
Tot Ion:168 Resp: 512594

Ion Ratio Lower Upper

168 100

139 38.7 30.1 45.1

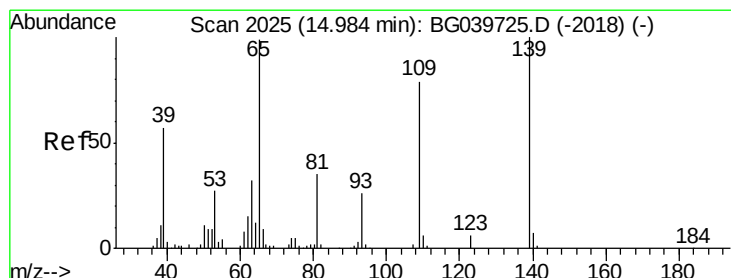
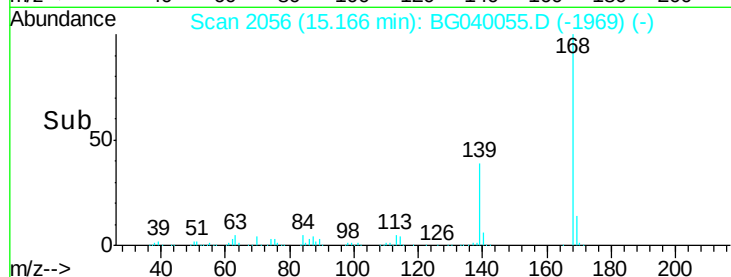
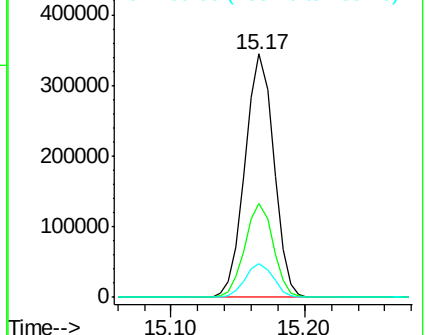
169 13.7 10.6 16.0



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: 35.805 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

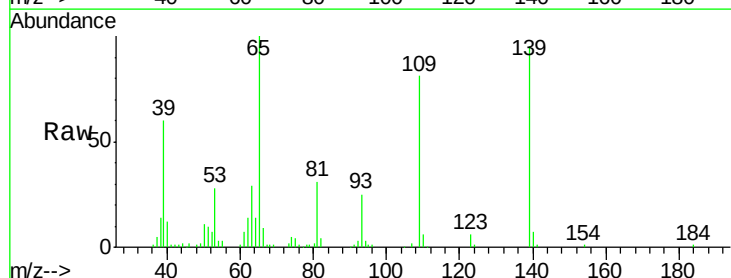
Tgt Ion:139 Resp: 75599

Ion Ratio Lower Upper

139 100

109 84.9 61.9 101.9

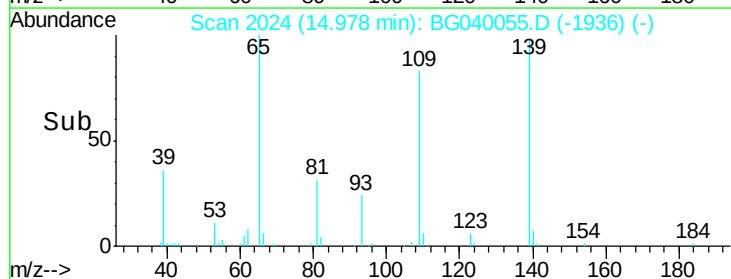
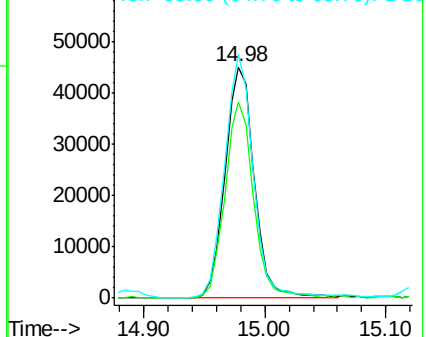
65 105.2 99.1 139.1

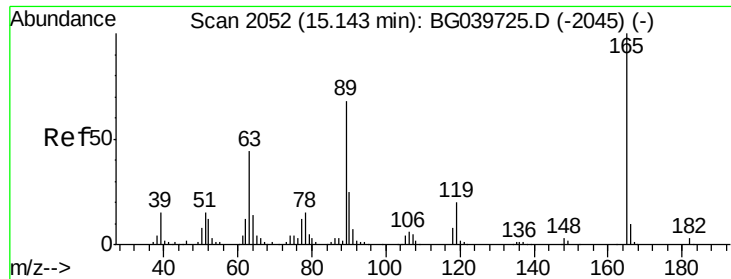


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

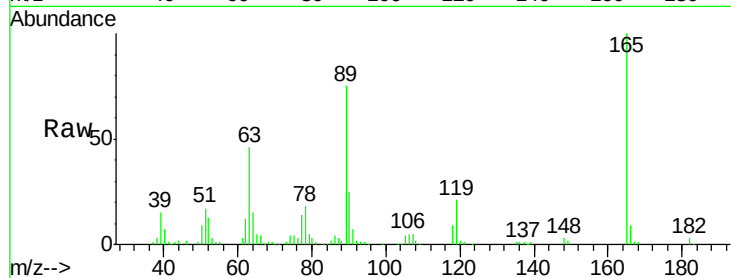




#57
2,4-Dinitrotoluene
Concen: 39.783 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	131256
Ion	Ratio	Lower	Upper
165	100		
63	45.9	41.0	61.6
89	74.6	64.6	96.8
182	2.8	2.0	3.0

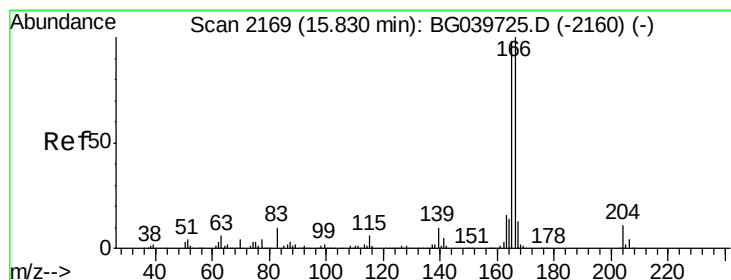
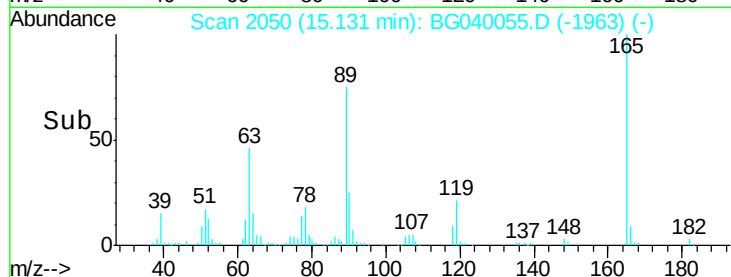
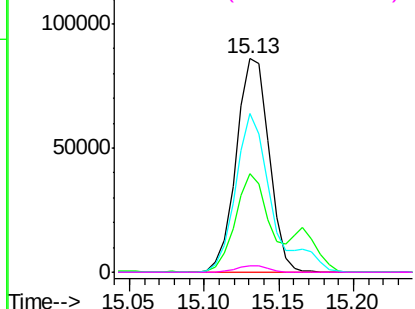


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

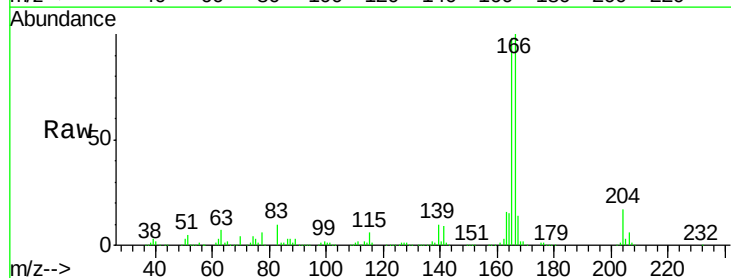
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 38.296 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

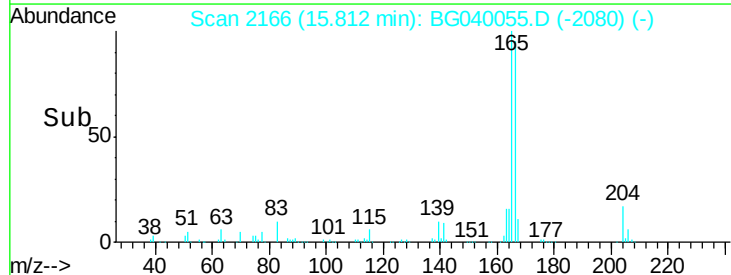
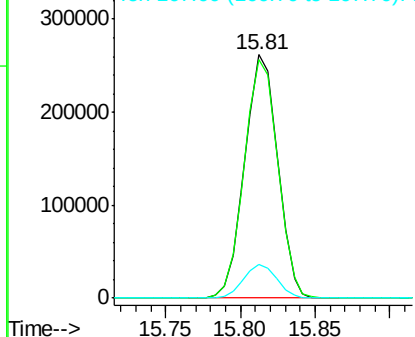
Tgt Ion:	166	Resp:	399979
Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.8	10.8	16.2

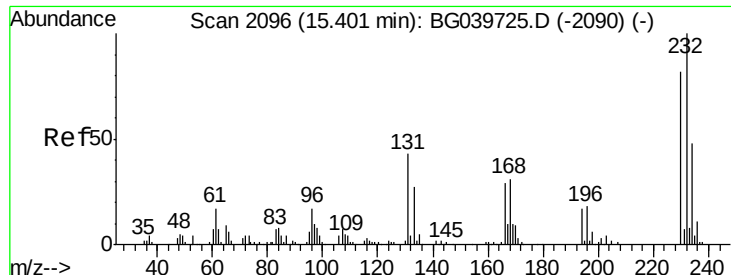


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

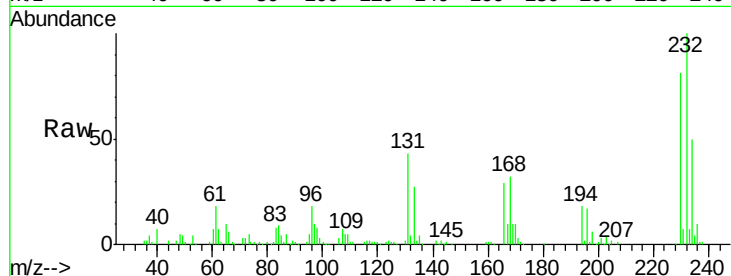




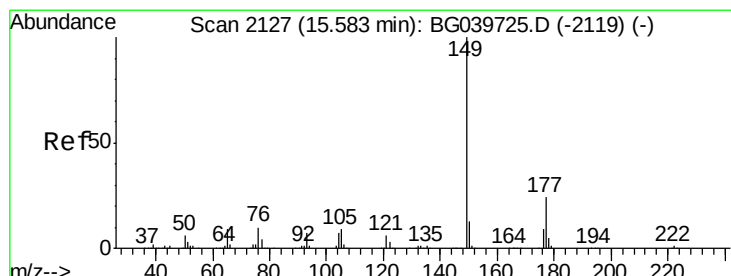
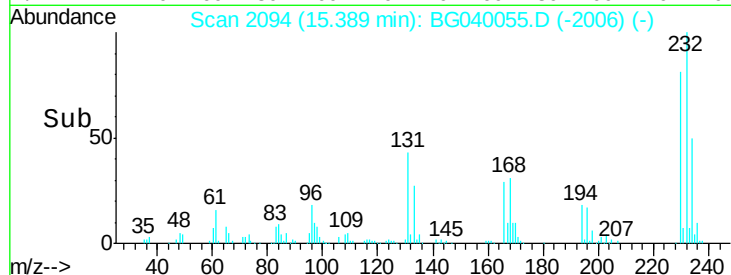
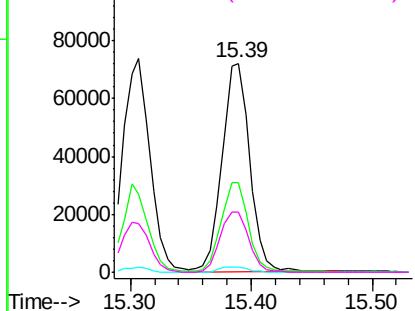
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.479 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 114174
Ion Ratio Lower Upper
232 100
131 41.4 34.9 52.3
130 2.7 2.0 3.0
166 29.9 24.1 36.1

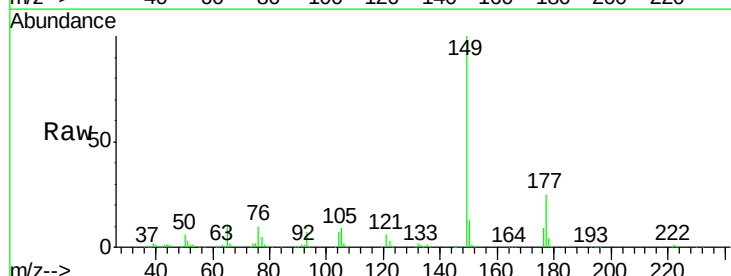


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

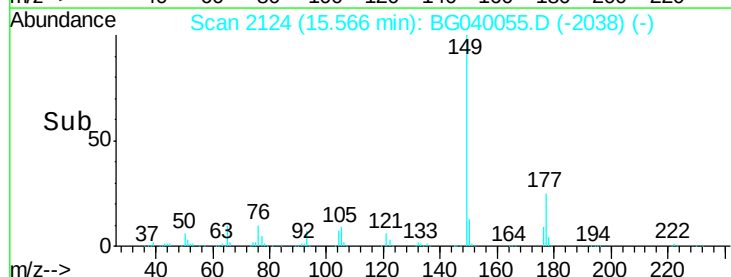
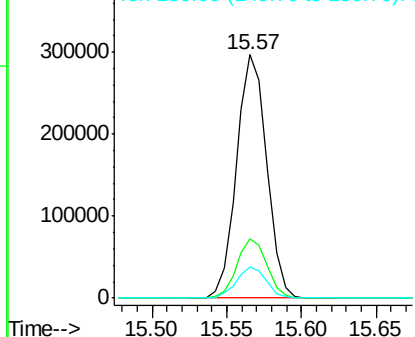


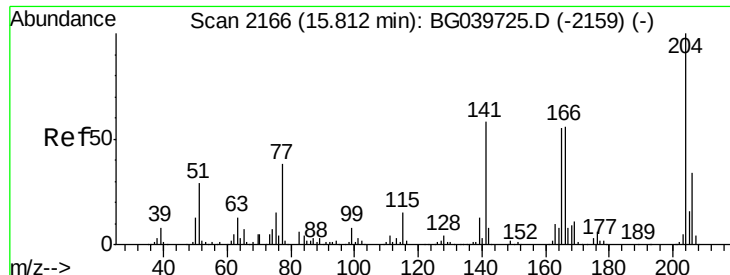
#60
Diethylphthalate
Concen: 37.845 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion:149 Resp: 414947
Ion Ratio Lower Upper
149 100
177 24.6 18.3 27.5
150 12.9 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

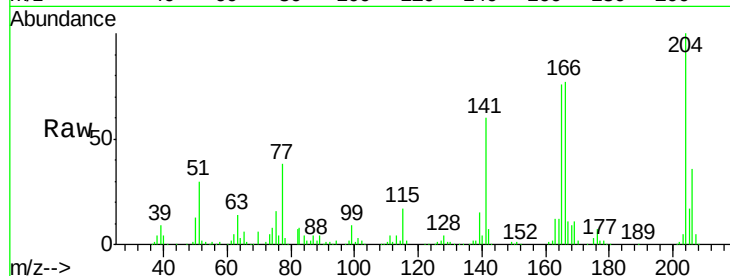




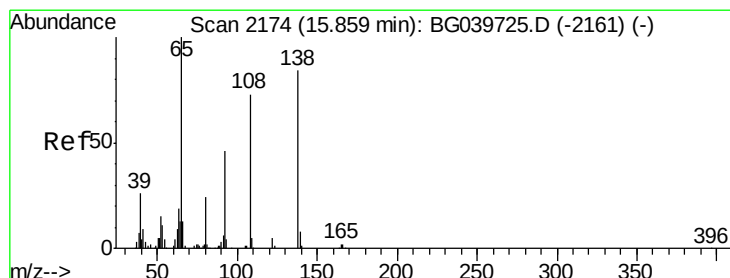
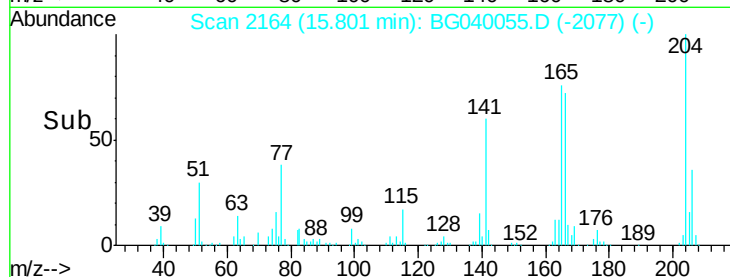
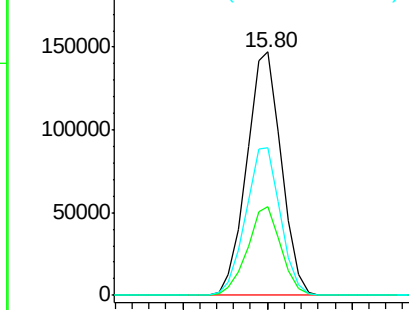
#61
 4-Chlorophenyl-phenylether
 Concen: 37.486 ng
 RT: 15.80 min Scan# 2164
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.2	29.2	43.8
141	60.5	49.0	73.4

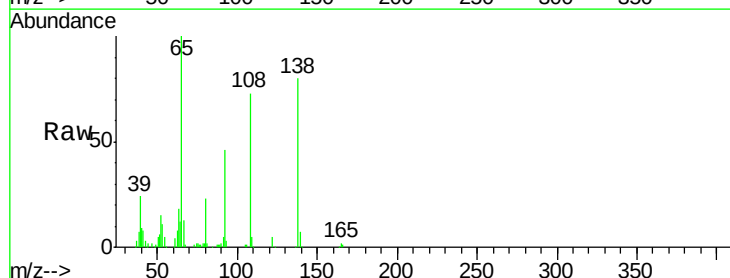


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

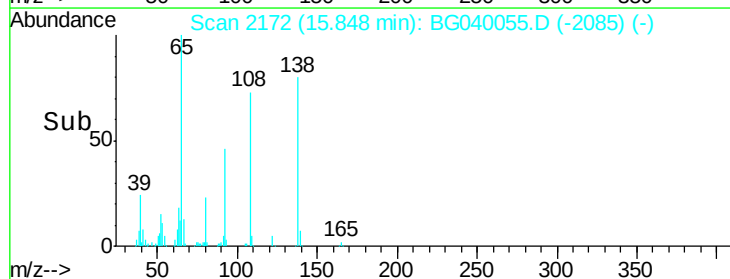
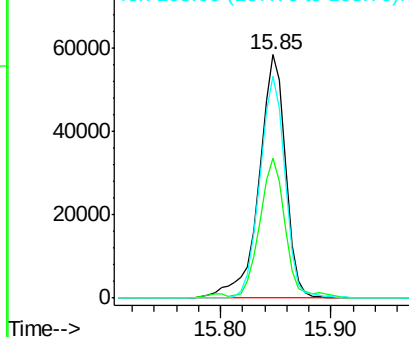


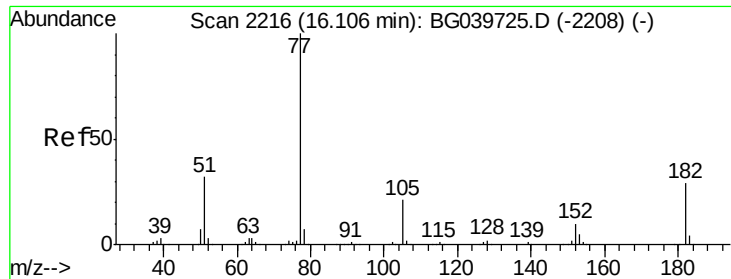
#62
 4-Nitroaniline
 Concen: 38.655 ng
 RT: 15.85 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	57.6	38.7	78.7
108	90.9	74.6	114.6



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





#63

Azobenzene

Concen: 38.969 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 387309

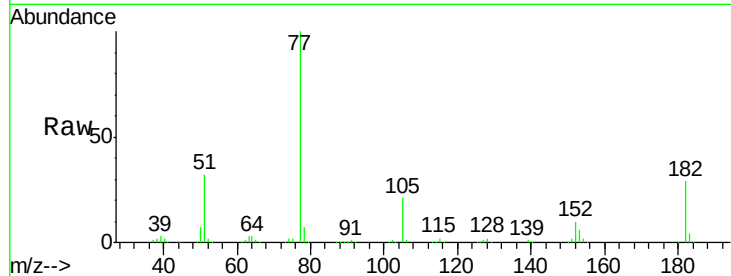
Ion Ratio Lower Upper

77 100

182 29.0 6.4 46.4

105 20.5 0.0 39.8

51 31.8 14.1 54.1

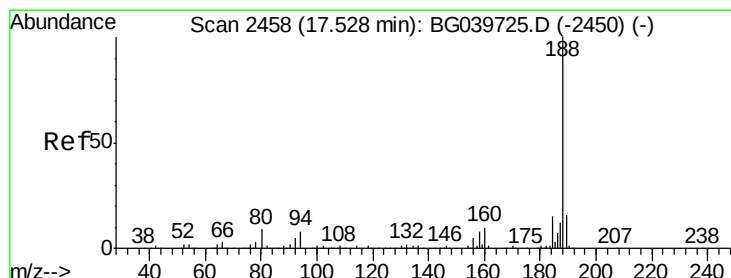
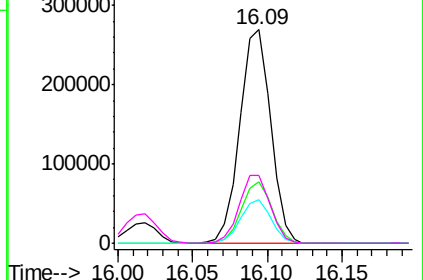
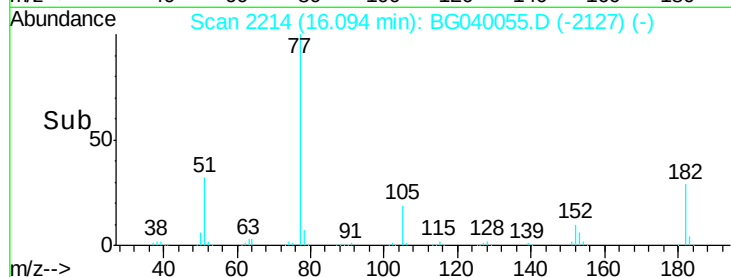


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

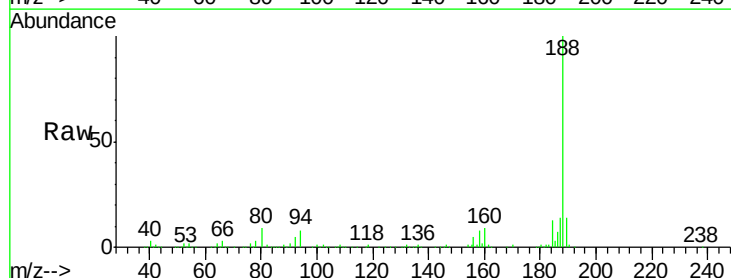
Tgt Ion: 188 Resp: 299911

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

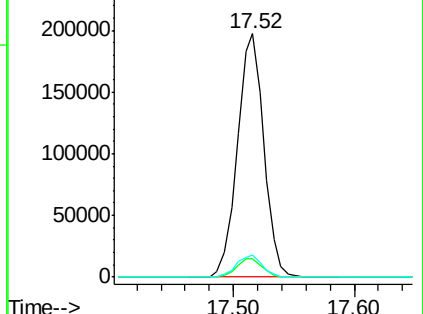
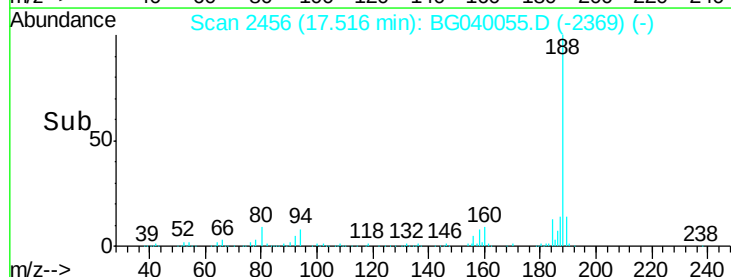
80 9.1 8.1 12.1

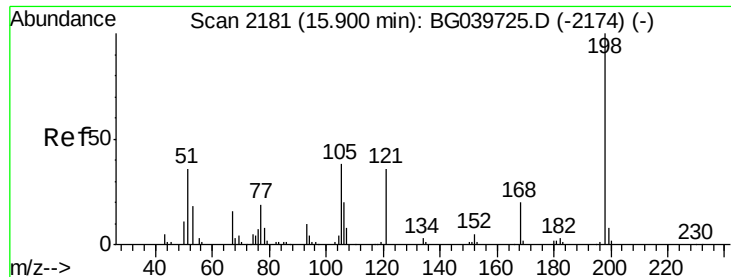


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.349 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

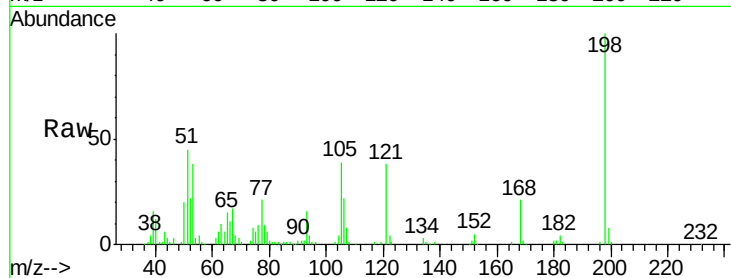
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 75096

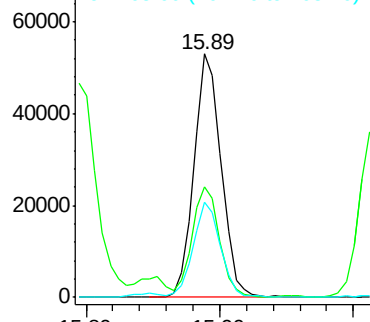
Ion	Ratio	Lower	Upper
198	100		
51	45.2	27.4	67.4
105	38.8	19.7	59.7



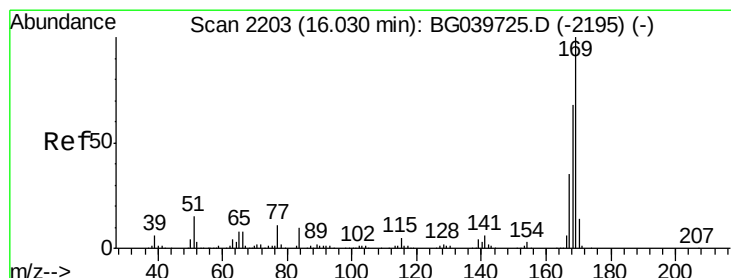
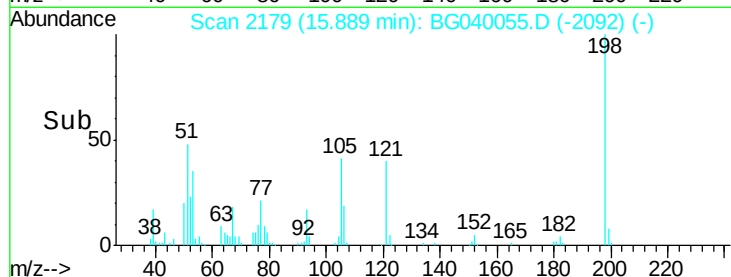
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039725.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG039725.D (-2174) (-)



Time--> 15.80 15.90



#66

n-Nitrosodiphenylamine

Concen: 41.134 ng

RT: 16.02 min Scan# 2201

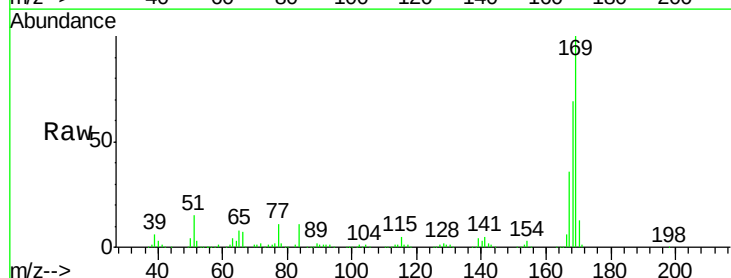
Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Tgt Ion:169 Resp: 357143

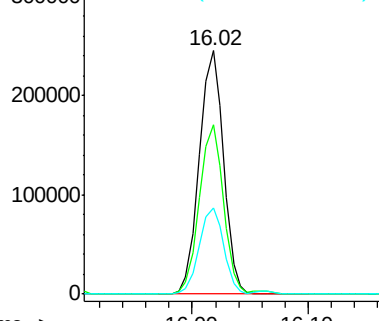
Ion	Ratio	Lower	Upper
169	100		
168	69.4	56.6	85.0
167	35.6	28.8	43.2



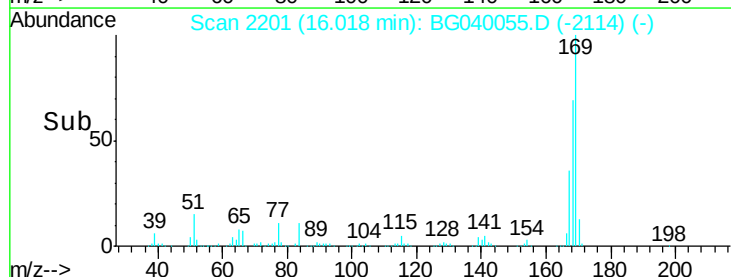
Abundance Ion 169.00 (168.70 to 169.70): E

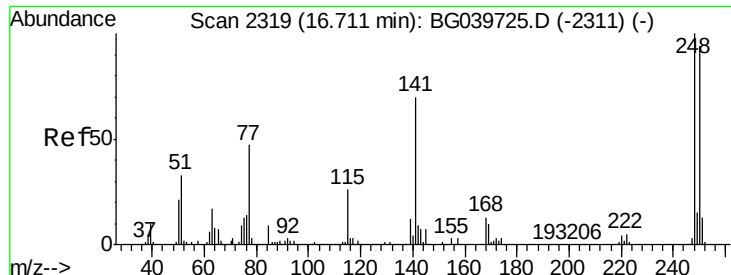
Ion 168.00 (167.70 to 168.70): BG039725.D (-2195) (-)

Ion 167.00 (166.70 to 167.70): BG039725.D (-2195) (-)



Time--> 16.00 16.10

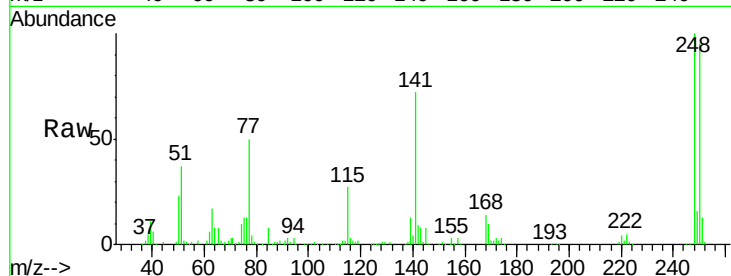




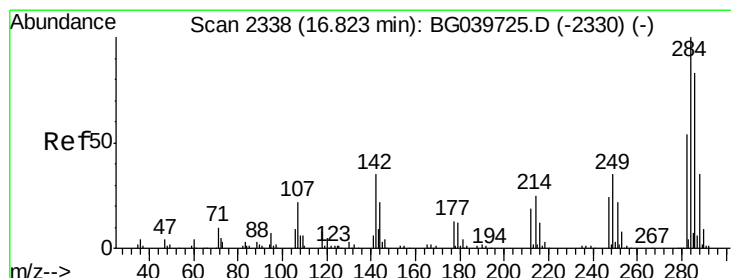
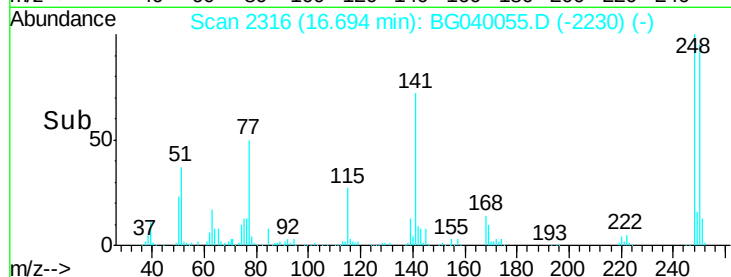
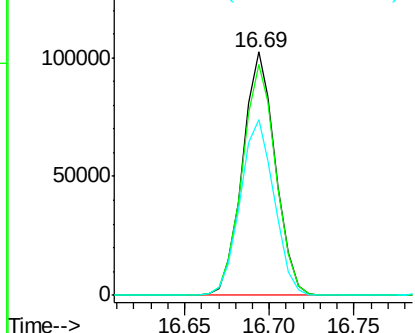
#67
 4-Bromophenyl-phenylether
 Concen: 41.210 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 138343
 Ion Ratio Lower Upper
 248 100
 250 95.0 77.6 116.4
 141 72.4 63.9 95.9

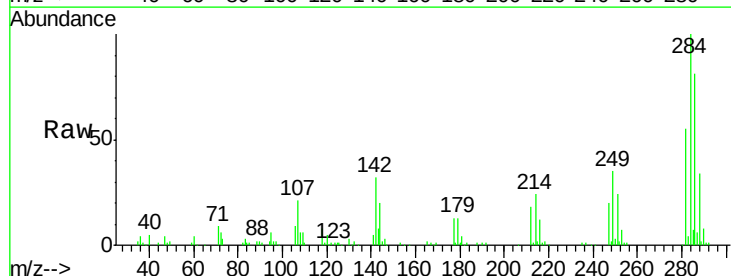


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

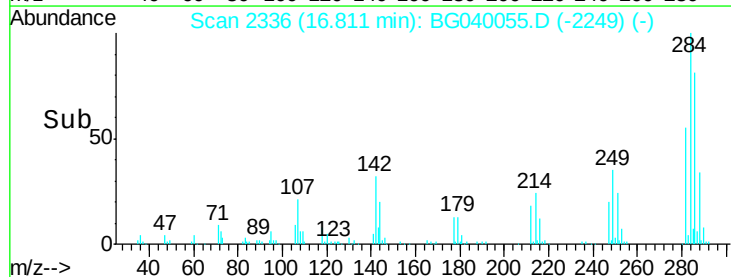
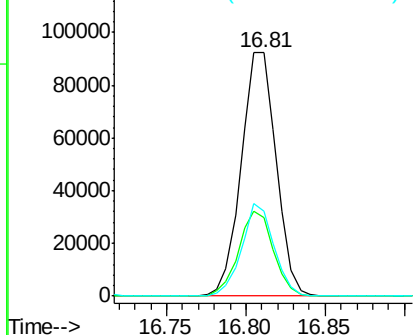


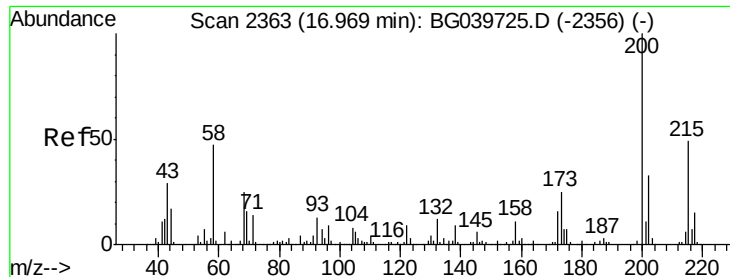
#68
 Hexachlorobenzene
 Concen: 40.616 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion:284 Resp: 141333
 Ion Ratio Lower Upper
 284 100
 142 32.2 30.6 45.8
 249 34.9 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: 38.544 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

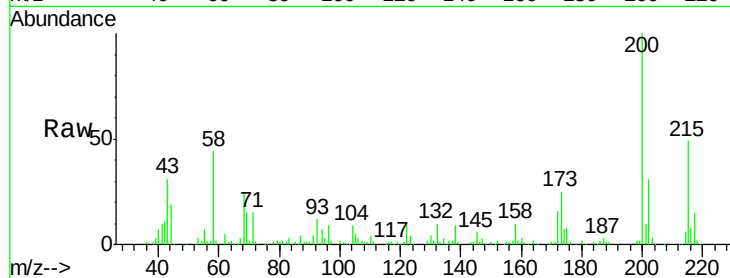
Tot Ion:200 Resp: 131709

Ion Ratio Lower Upper

200 100

173 25.3 3.9 43.9

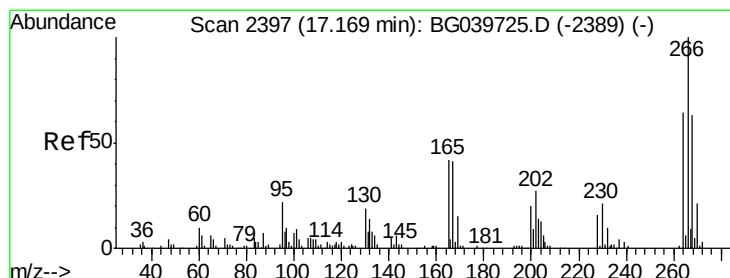
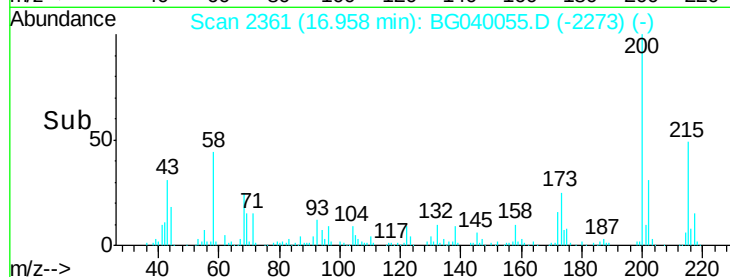
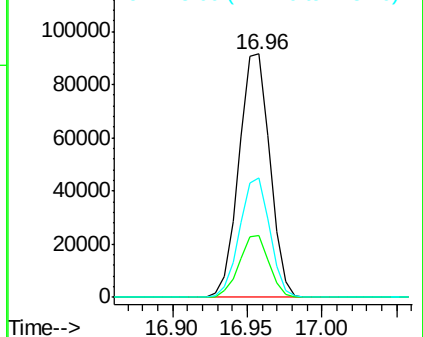
215 48.8 30.9 70.9



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: 38.087 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

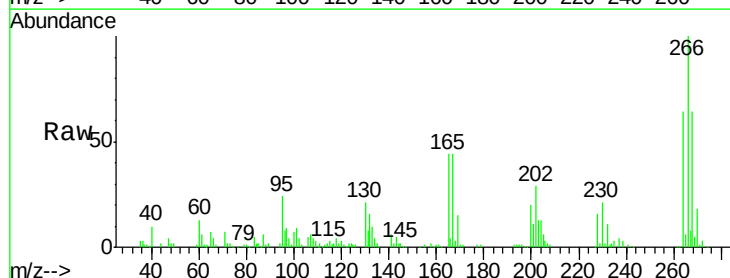
Tgt Ion:266 Resp: 83701

Ion Ratio Lower Upper

266 100

268 63.7 51.1 76.7

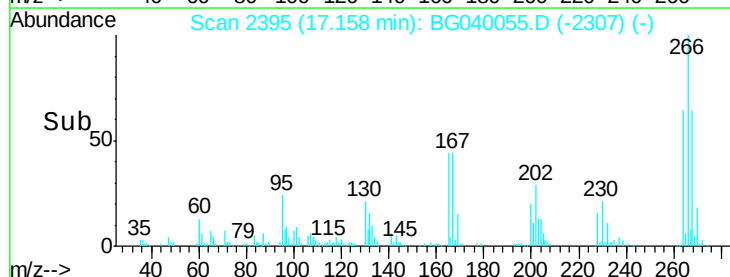
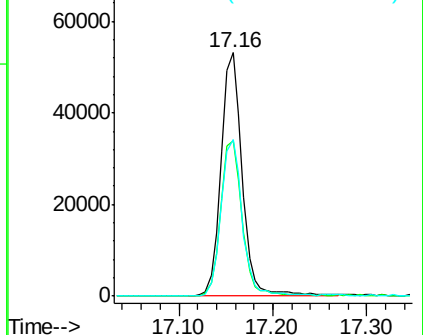
264 64.1 52.1 78.1

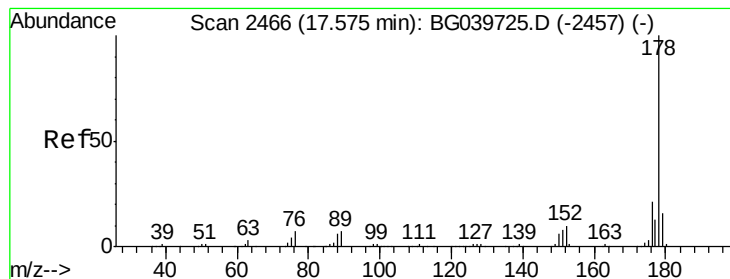


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.138 ng

RT: 17.56 min Scan# 2463

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampled :

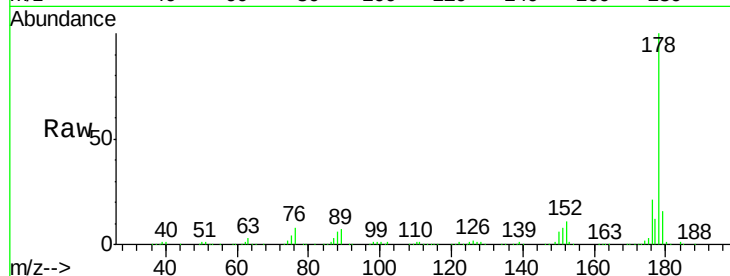
Tot Ion:178 Resp: 646542

Ion Ratio Lower Upper

178 100

176 21.0 16.2 24.4

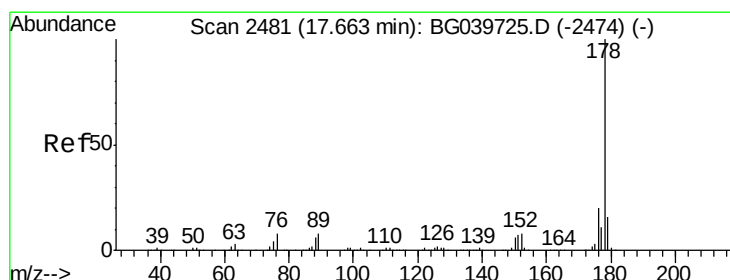
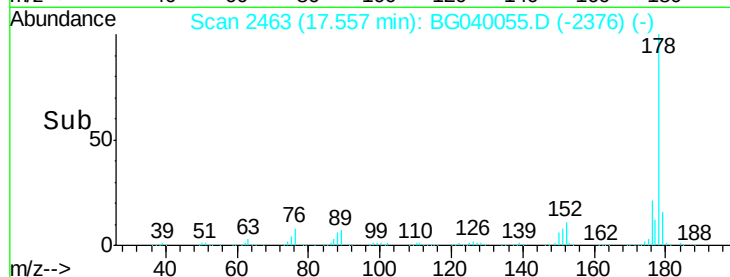
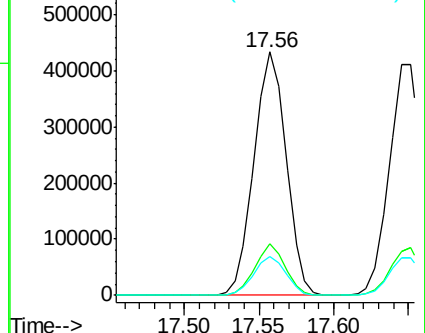
179 16.0 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.605 ng

RT: 17.65 min Scan# 2478

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

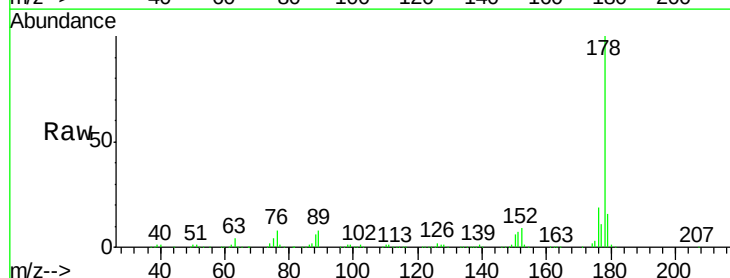
Tgt Ion:178 Resp: 637564

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

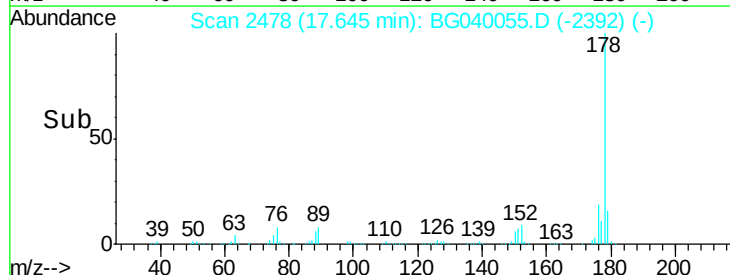
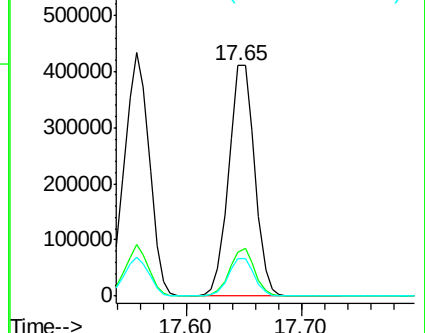
179 16.0 12.5 18.7

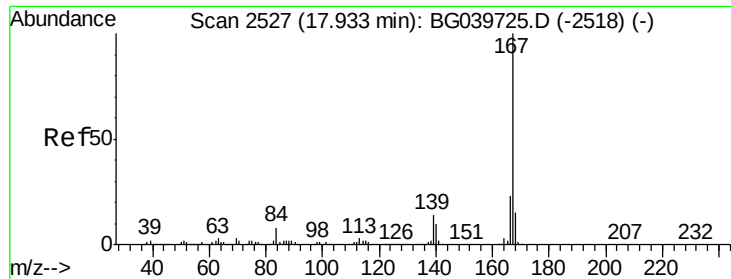


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

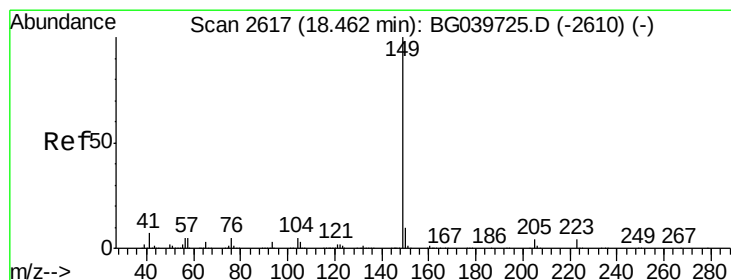
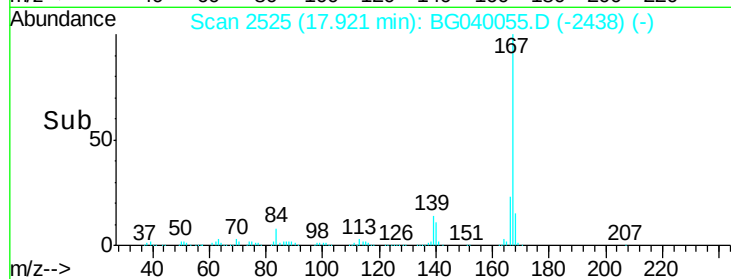
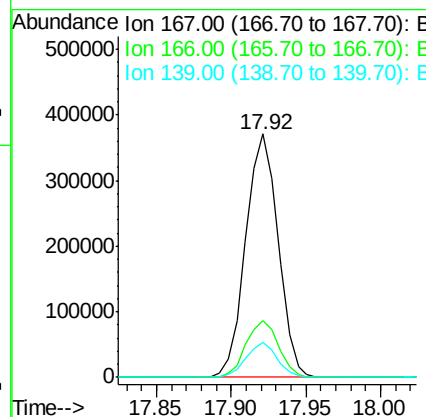
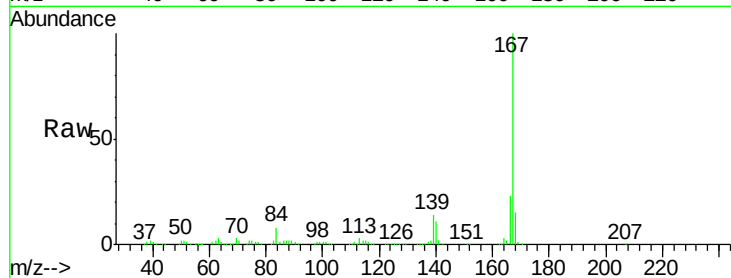




#73
 Carbazole
 Concen: 38.370 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

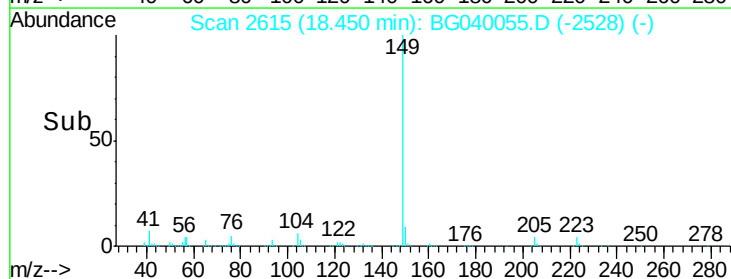
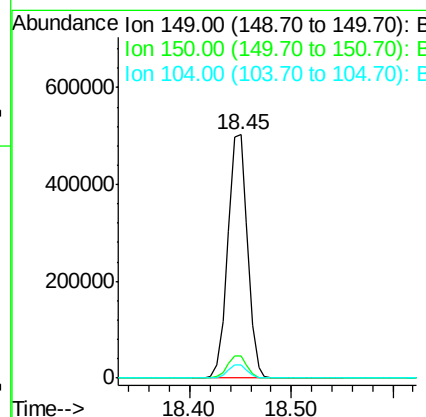
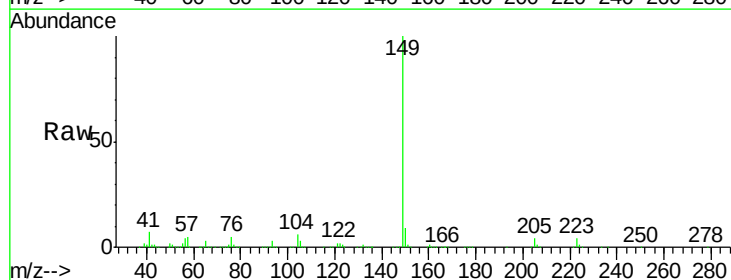
Instrument :
 BNA_G
 ClientSampleId :

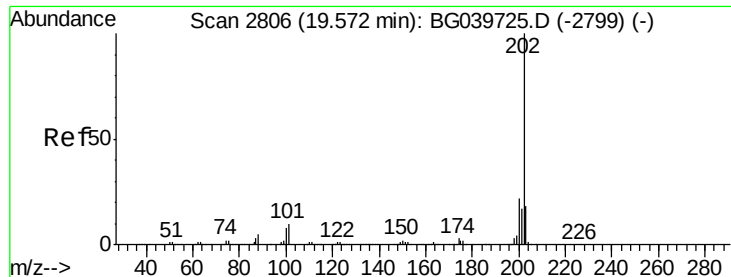
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.3	19.4	29.2
139	14.2	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 39.515 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG040055.D
 Acq: 21 Mar 2019 5:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.7	4.5	6.7





#75

Fluoranthene

Concen: 37.695 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

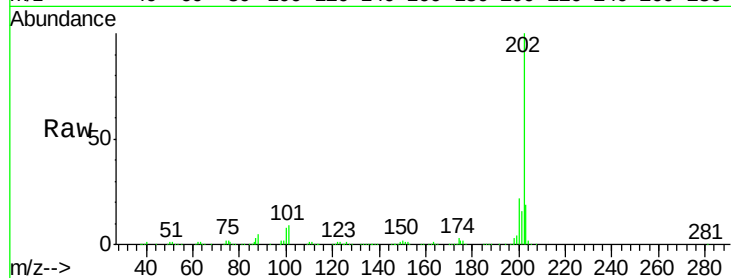
Tot Ion:202 Resp: 735924

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

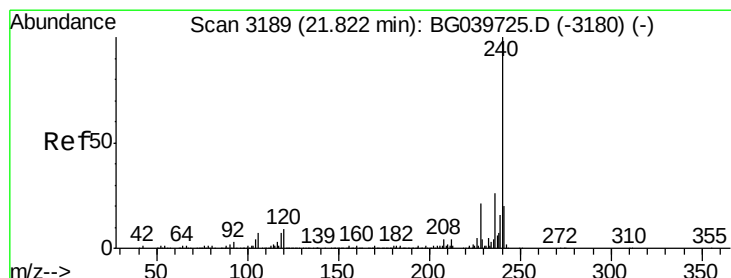
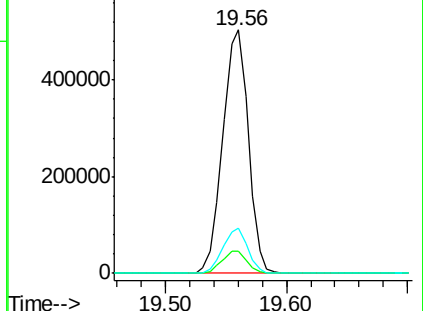
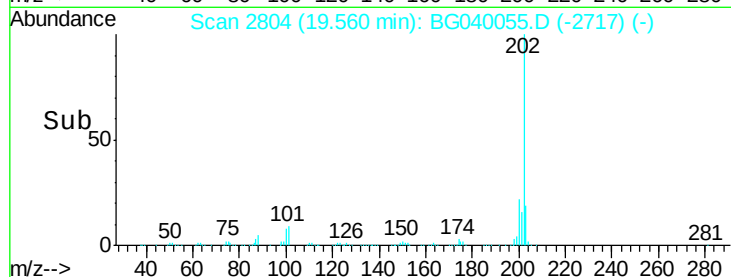
203 18.8 0.0 38.9



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: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

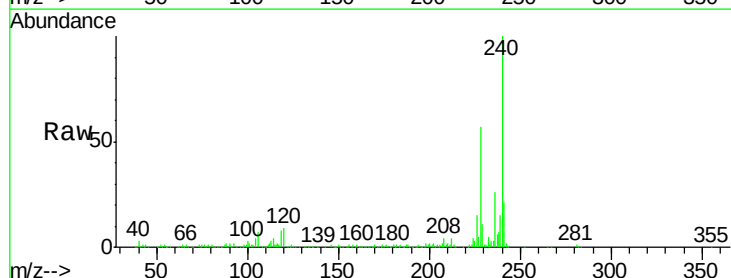
Tgt Ion:240 Resp: 280002

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

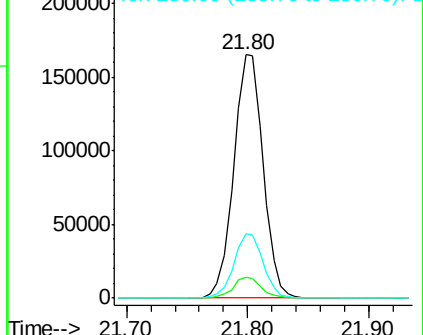
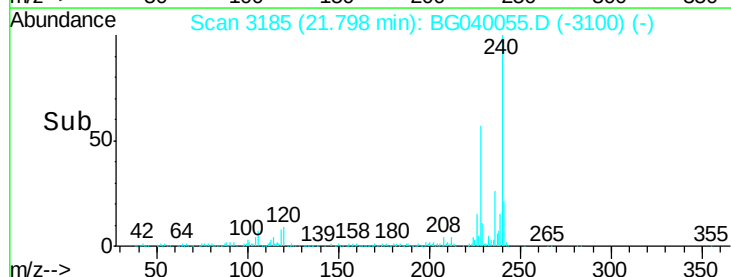
236 26.5 21.0 31.4

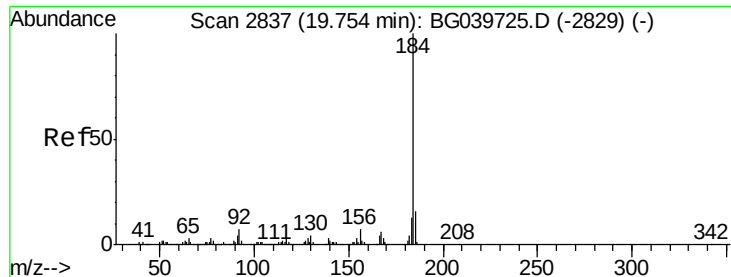


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 31.953 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

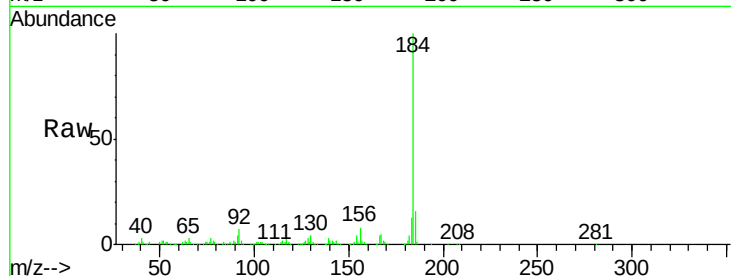
Tot Ion:184 Resp: 283914

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

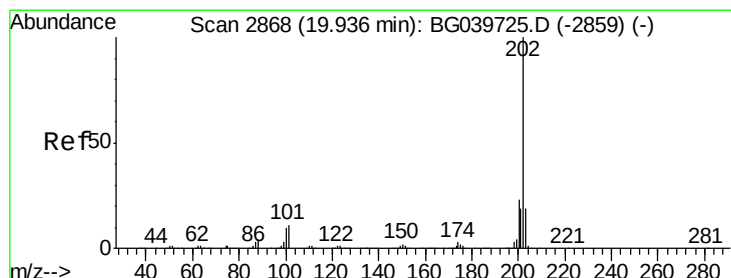
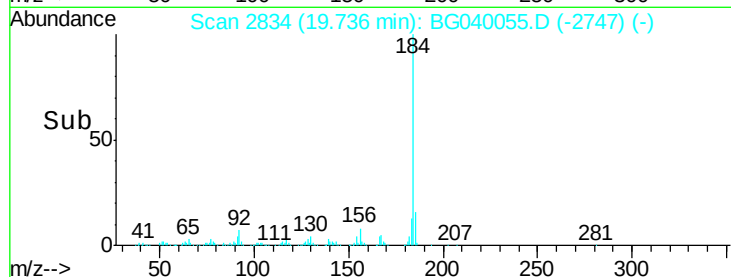
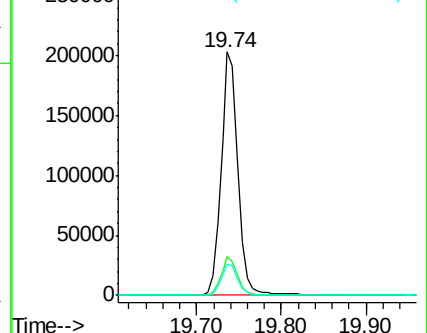
183 13.0 10.6 15.8



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: 40.710 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

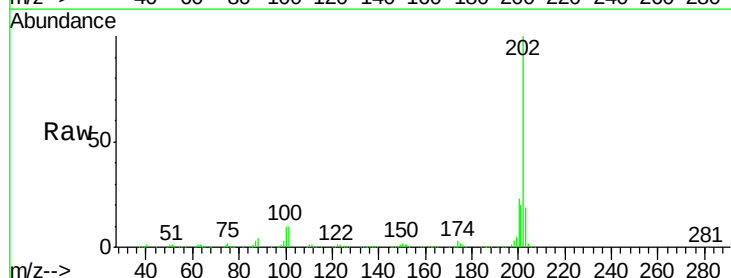
Tgt Ion:202 Resp: 740708

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

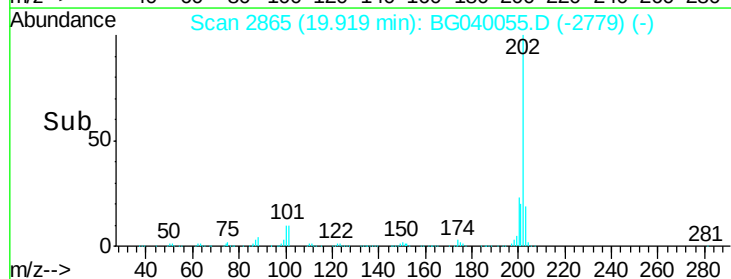
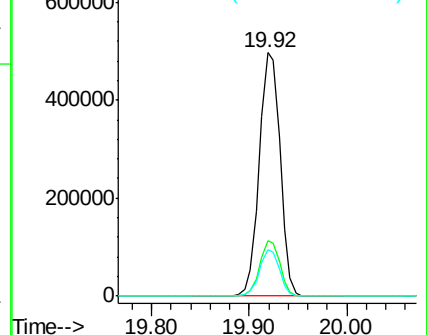
203 18.9 15.3 22.9

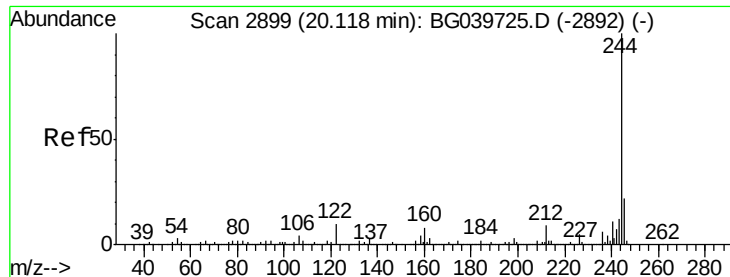


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.396 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

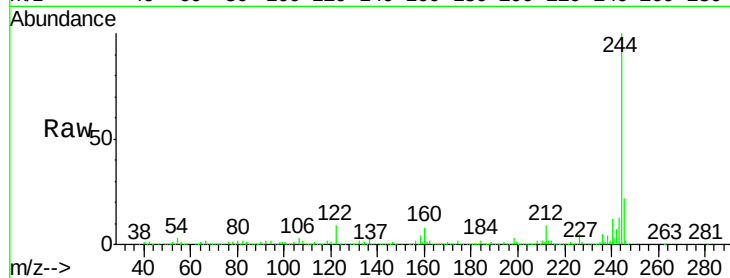
Tot Ion:244 Resp: 1022385

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

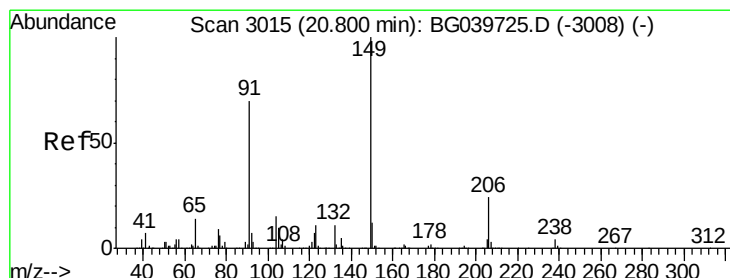
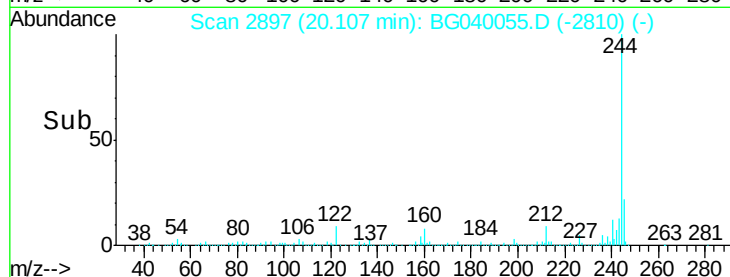
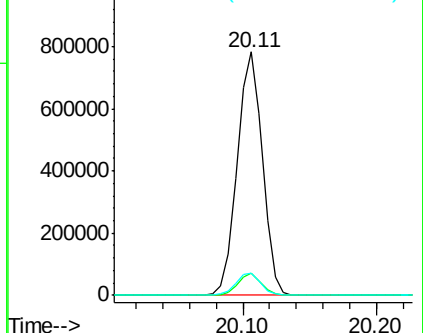
122 9.3 8.4 12.6



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: 42.378 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

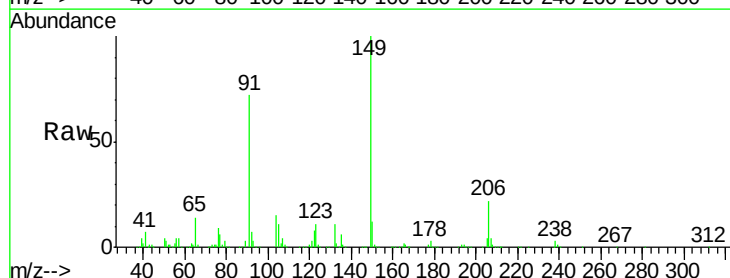
Tgt Ion:149 Resp: 298730

Ion Ratio Lower Upper

149 100

91 71.8 59.5 89.3

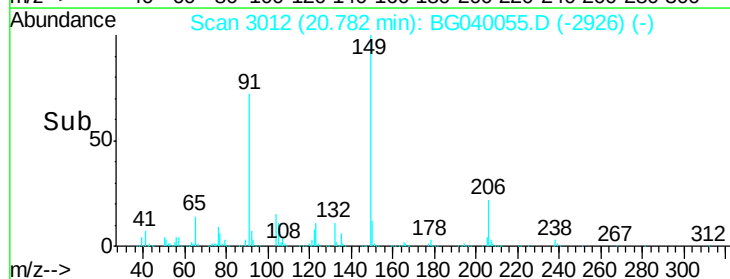
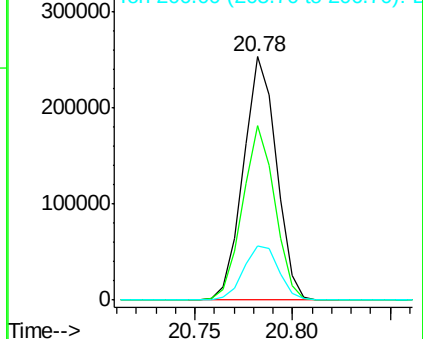
206 22.3 18.6 27.8

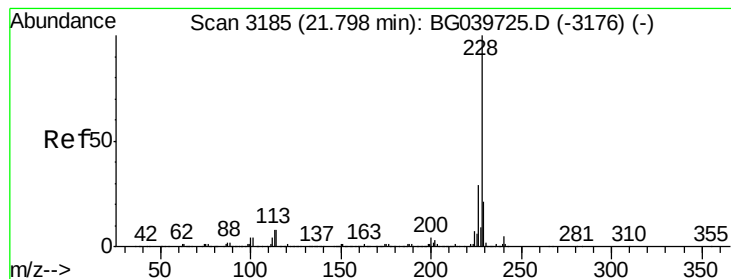


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): E

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.021 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampled :

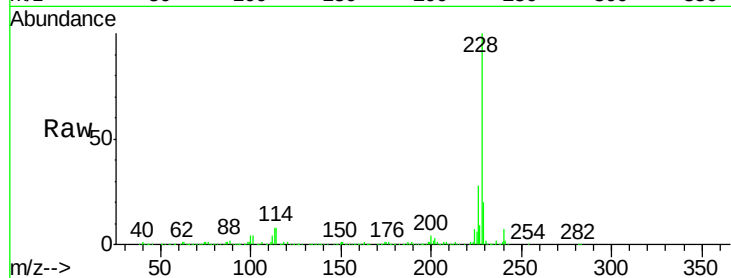
Tot Ion:228 Resp: 702306

Ion Ratio Lower Upper

228 100

226 28.3 23.0 34.6

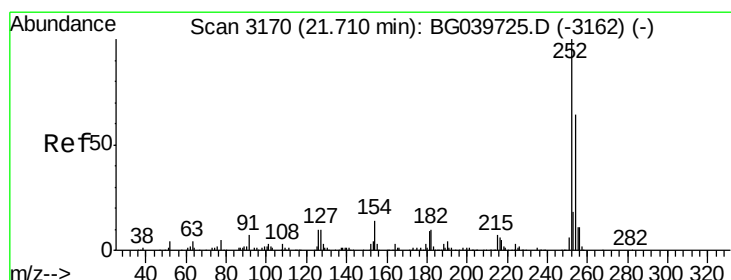
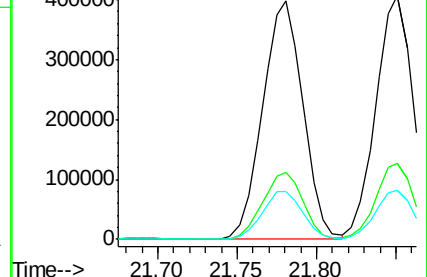
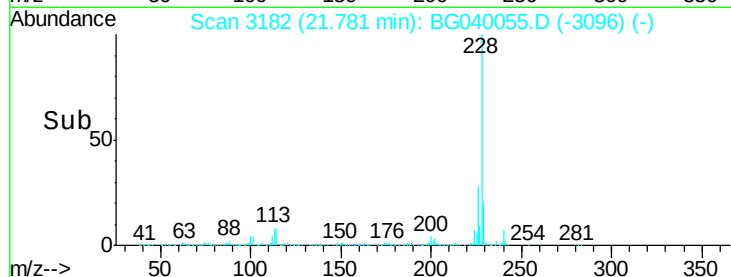
229 20.0 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.885 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

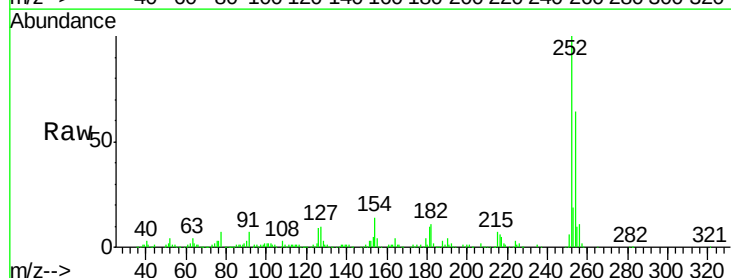
Tgt Ion:252 Resp: 249133

Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

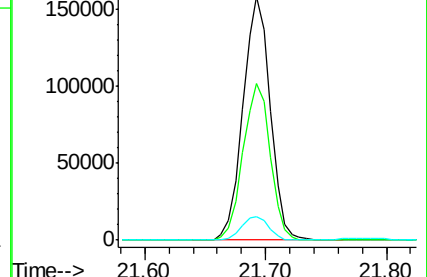
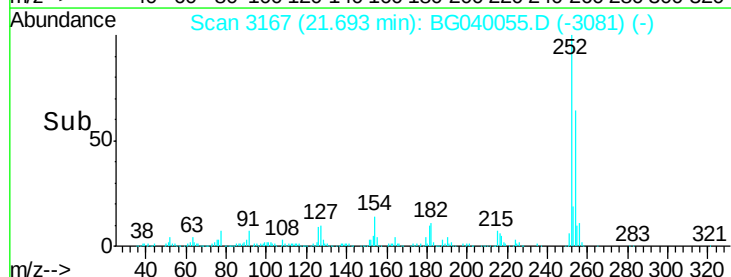
126 9.4 8.0 12.0

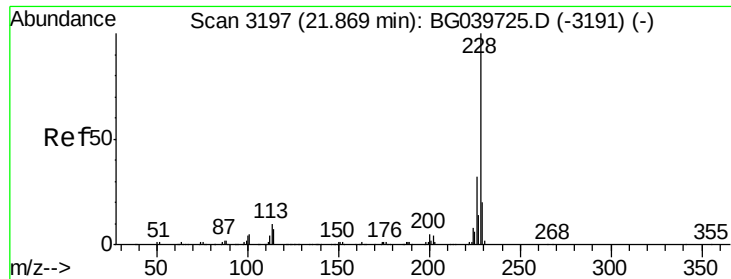


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.263 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

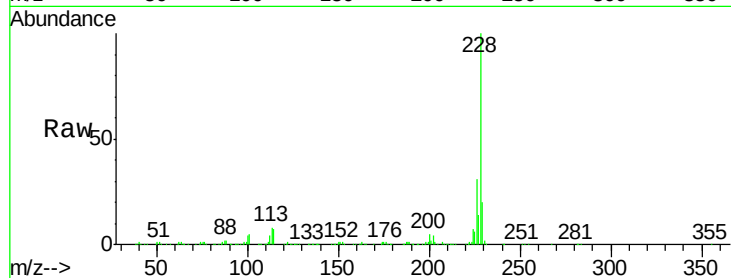
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 667976

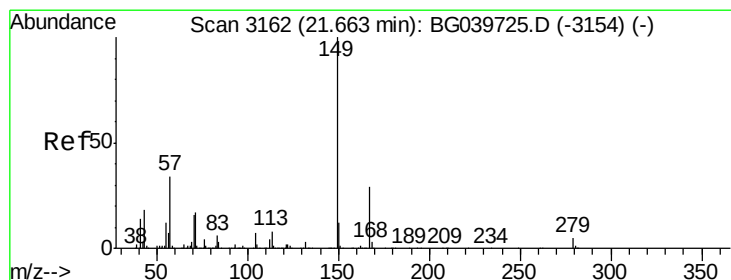
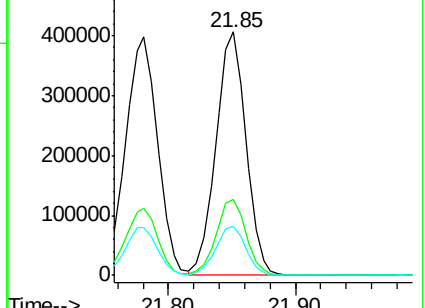
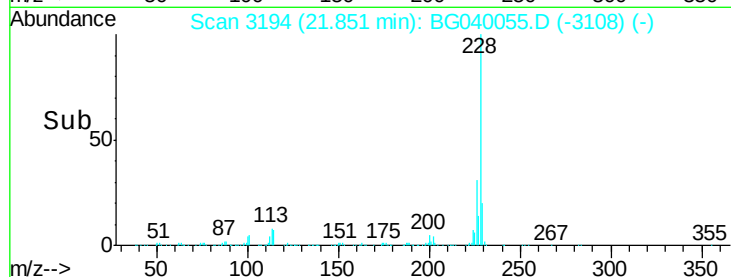
Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.8	38.6
229	20.2	16.6	25.0



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: 41.785 ng

RT: 21.64 min Scan# 3158

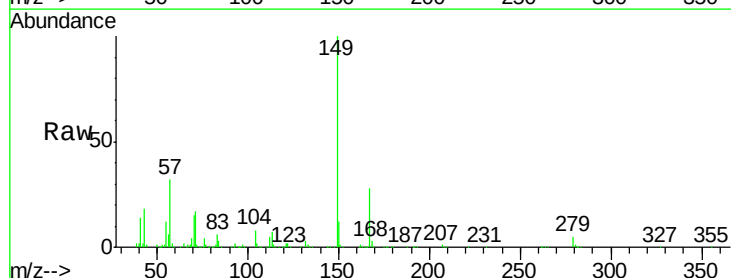
Delta R.T. -0.03 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Tgt Ion:149 Resp: 413906

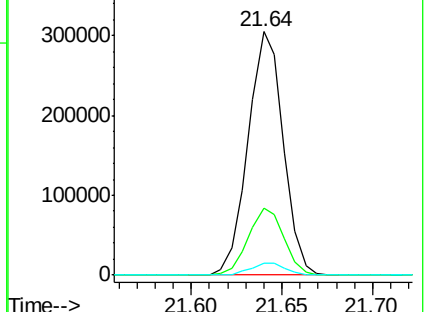
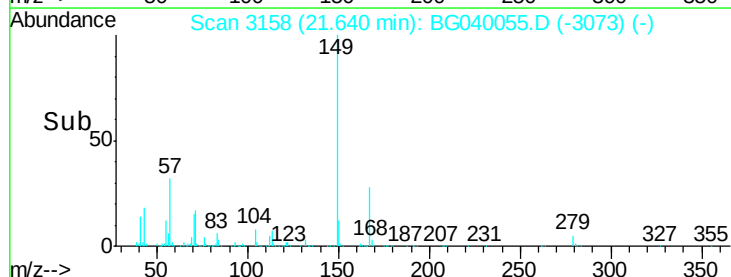
Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.6	34.0
279	4.8	3.5	5.3

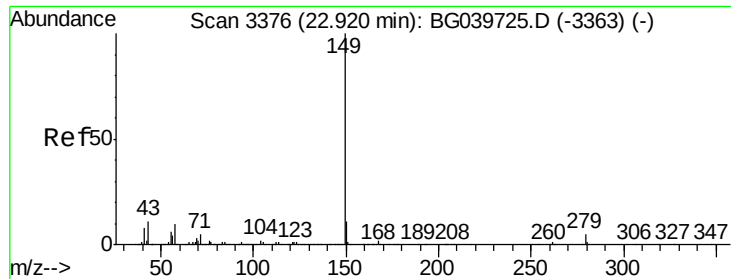


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

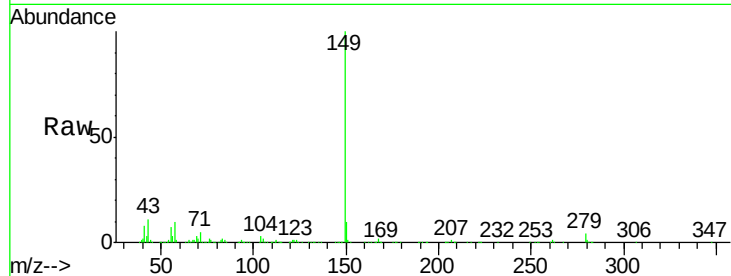




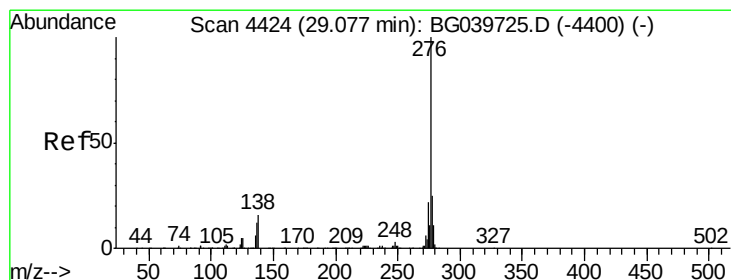
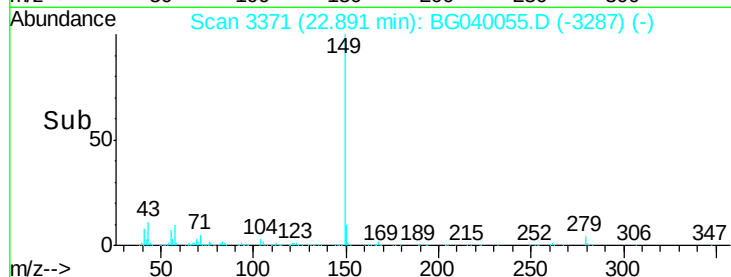
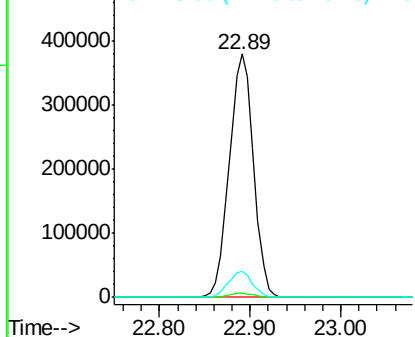
#85
Di-n-octyl phthalate
Concen: 42.921 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.04 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.4	10.2	15.4

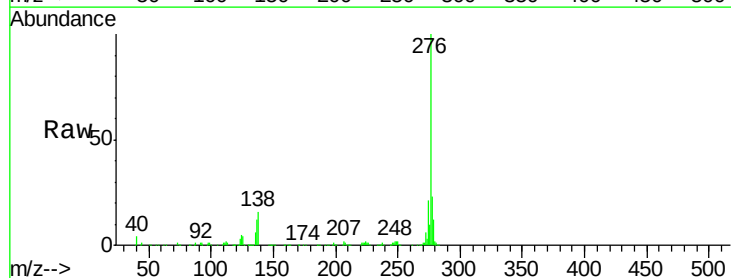


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

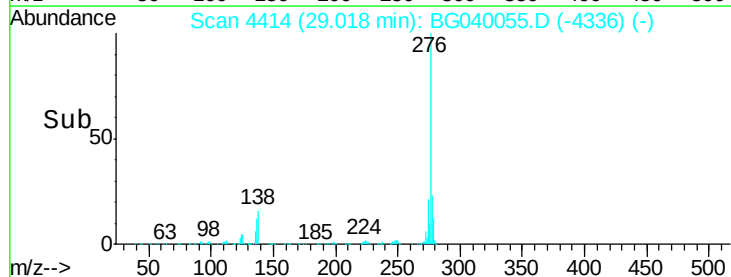
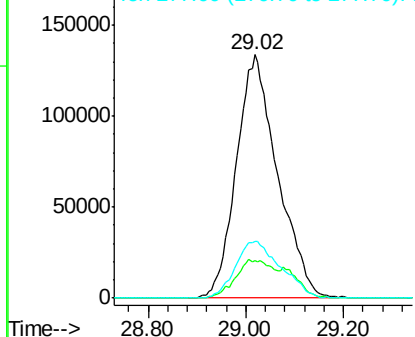


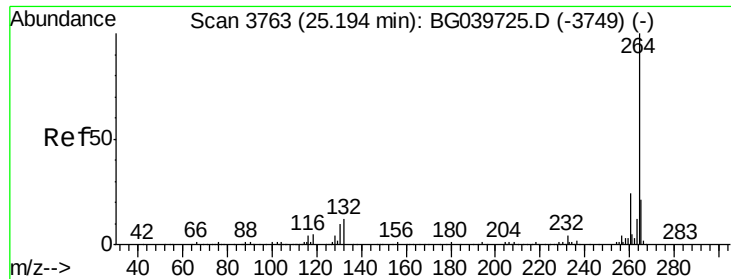
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.599 ng
RT: 29.02 min Scan# 4414
Delta R.T. -0.07 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.9	12.6	19.0
277	25.7	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

Pervlene-d12

Concen: 20.000 ng

RT: 25.16 min Scan# 3757

Delta R.T. -0.04 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampled :

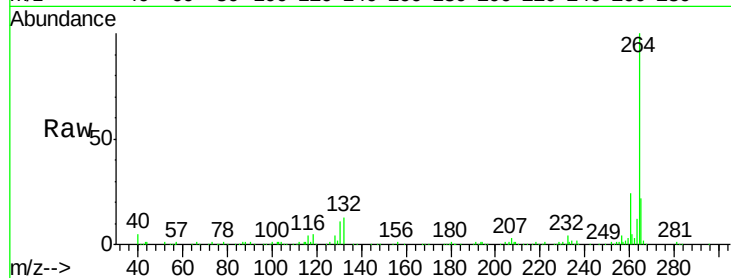
Tot Ion:264 Resp: 290340

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

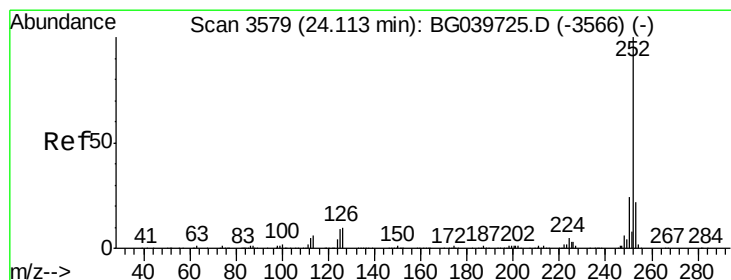
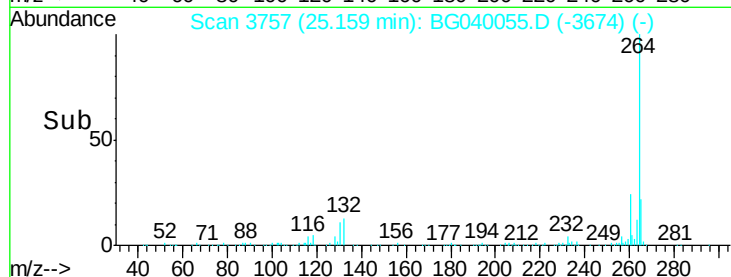
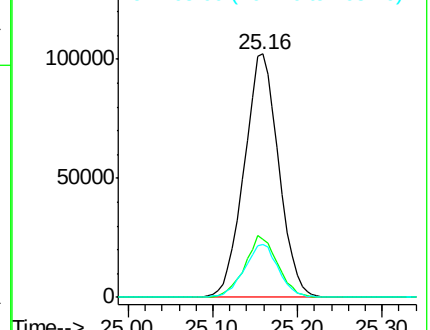
265 21.9 18.5 27.7



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: 39.845 ng

RT: 24.08 min Scan# 3574

Delta R.T. -0.04 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

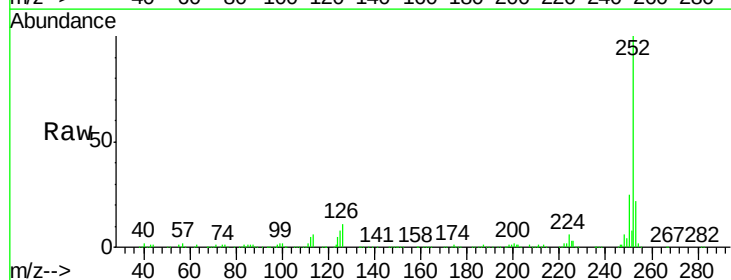
Tgt Ion:252 Resp: 689857

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

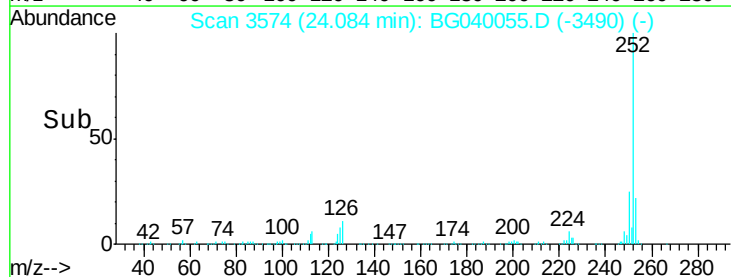
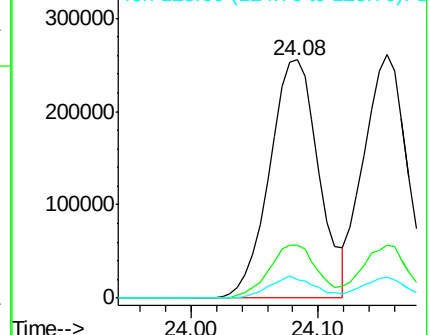
125 7.9 7.8 11.6

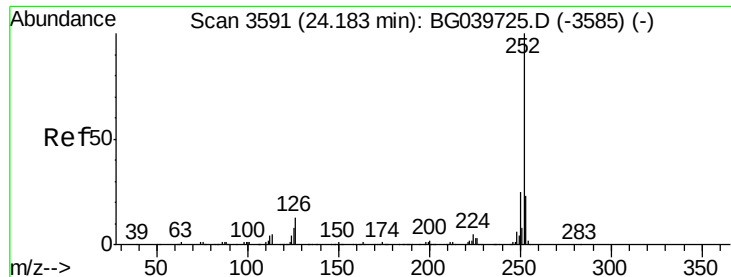


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.522 ng

RT: 24.15 min Scan# 3586

Delta R.T. -0.04 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

Instrument :

BNA_G

ClientSampleId :

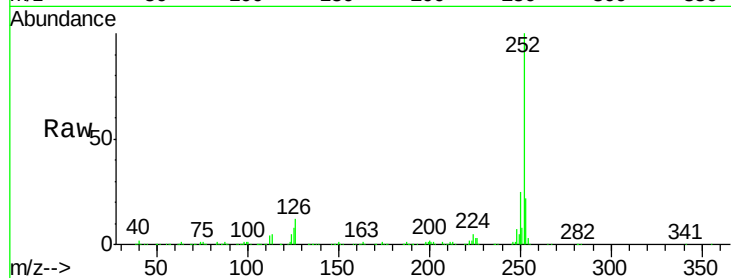
Tot Ion:252 Resp: 620840

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

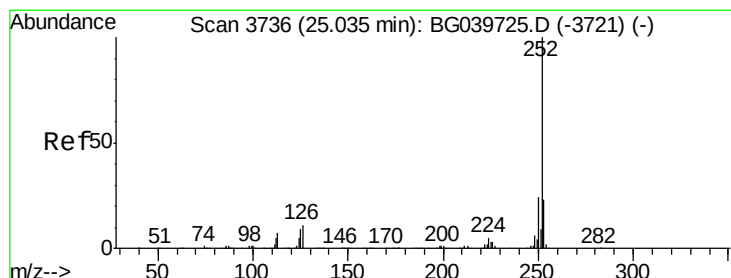
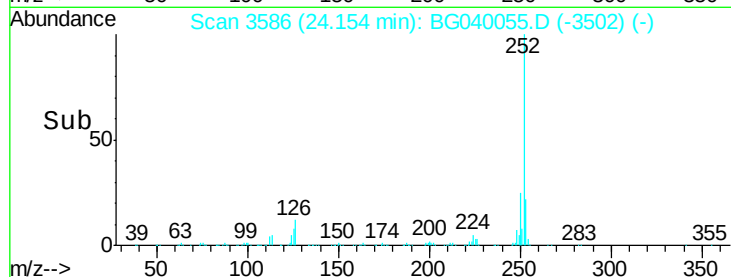
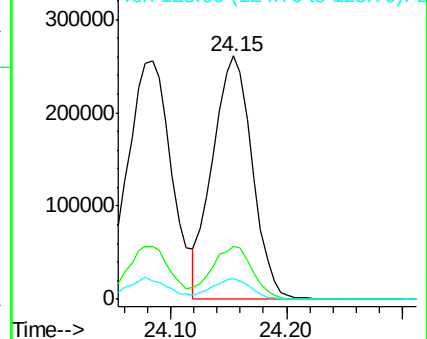
125 8.5 7.4 11.2



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: 40.299 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040055.D

Acq: 21 Mar 2019 5:07

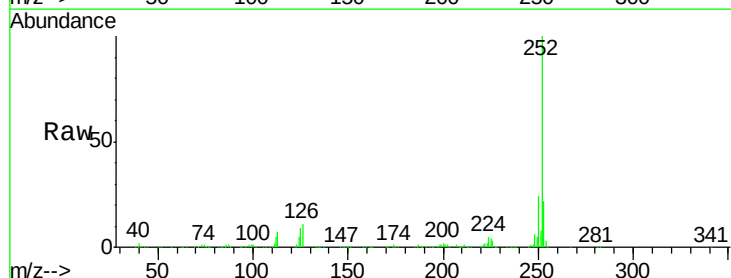
Tgt Ion:252 Resp: 644728

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

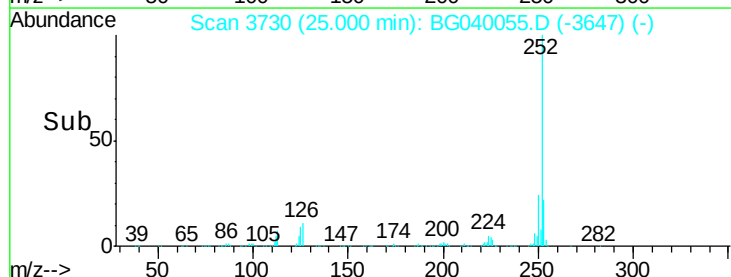
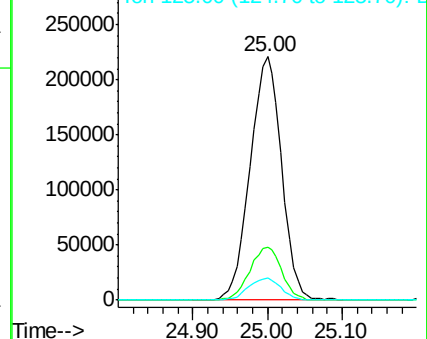
125 9.0 8.3 12.5

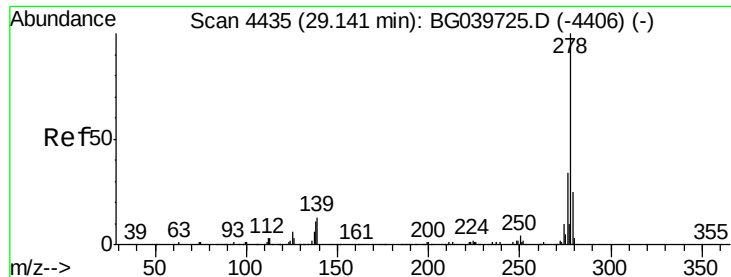


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

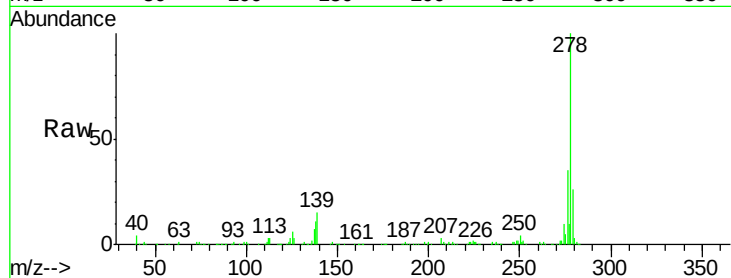




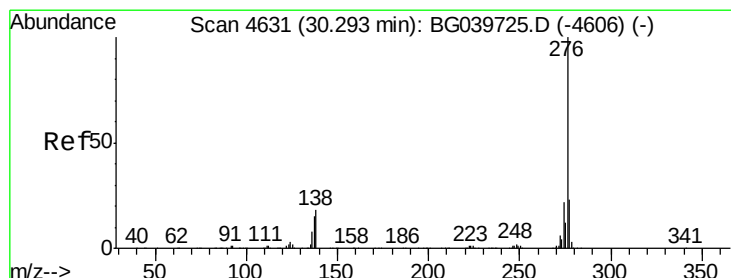
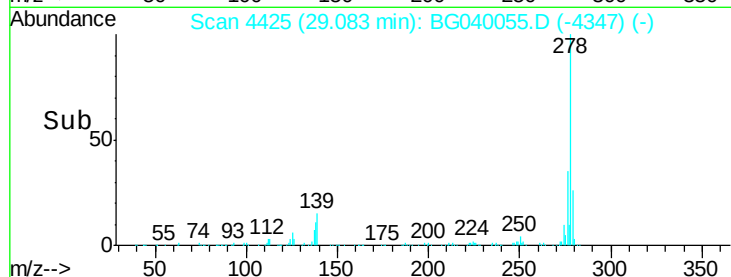
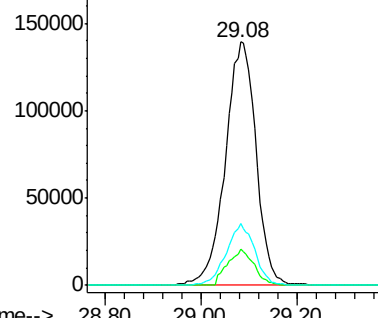
#91
Dibenzo(a,h)anthracene
Concen: 39.558 ng
RT: 29.08 min Scan# 4425
Delta R.T. -0.07 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.7	17.5
279	25.6	19.1	28.7

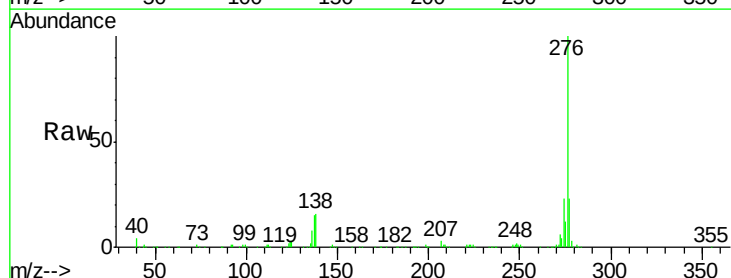


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.907 ng
RT: 30.23 min Scan# 4621
Delta R.T. -0.08 min
Lab File: BG040055.D
Acq: 21 Mar 2019 5:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	15.9	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

