

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
 Data File : BG039723.D
 Acq On : 4 Mar 2019 9:41
 Operator : JU/SJ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 11:50:29 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 11:45:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	40010	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	182130	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	123795	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	306062	20.00	ng	0.00
76) Chrysene-d12	21.82	240	320628	20.00	ng	0.00
87) Perylene-d12	25.19	264	320144	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.70	112	43942	18.80	ng	0.00
7) Phenol-d6	7.30	99	65694	19.09	ng	0.00
23) Nitrobenzene-d5	9.33	82	65406	22.43	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	26961	20.22	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	181937	21.08	ng	0.00
79) Terphenyl-d14	20.12	244	317854	20.98	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	10791	10.553	ng	95
3) Pyridine	4.00	79	27486	10.152	ng	95
4) n-Nitrosodimethylamine	3.92	42	12828	9.474	ng	# 81
6) Aniline	7.48	93	43004	9.977	ng	95
8) 2-Chlorophenol	7.72	128	26933	10.540	ng	98
9) Benzaldehyde	7.30	77	23681	12.622	ng	97
10) Phenol	7.32	94	35237	9.823	ng	96
11) bis(2-Chloroethyl)ether	7.57	93	28468	10.044	ng	92
12) 1,3-Dichlorobenzene	8.05	146	31349	10.127	ng	95
13) 1,4-Dichlorobenzene	8.19	146	30217	9.793	ng	96
14) 1,2-Dichlorobenzene	8.52	146	31382	10.506	ng	98
15) Benzyl Alcohol	8.39	79	26157	9.682	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.68	45	59109	9.235	ng	99
17) 2-Methylphenol	8.59	107	22173	9.552	ng	87
18) Hexachloroethane	9.24	117	11410	10.749	ng	92
19) n-Nitroso-di-n-propylamine	8.96	70	23772	9.733	ng	# 95
20) 3+4-Methylphenols	8.92	107	30452	9.527	ng	96
22) Acetophenone	8.99	105	49118	10.040	ng	# 93
24) Nitrobenzene	9.37	77	34634	10.996	ng	99
25) Isophorone	9.88	82	68450	10.595	ng	100
26) 2-Nitrophenol	10.08	139	15038	13.035	ng	96
27) 2,4-Dimethylphenol	10.13	122	26090	9.983	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	43103	10.832	ng	94
29) 2,4-Dichlorophenol	10.61	162	28285	9.903	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	32288	10.069	ng	94
31) Naphthalene	11.03	128	97754	10.819	ng	97
32) Benzoic acid	10.21	122	10226	6.886	ng	92
33) 4-Chloroaniline	11.14	127	39703	9.477	ng	96
34) Hexachlorobutadiene	11.29	225	22139	10.381	ng	91
35) Caprolactam	11.90	113	10399	8.798	ng	93
36) 4-Chloro-3-methylphenol	12.24	107	31919	9.663	ng	96
37) 2-Methylnaphthalene	12.62	142	73278	10.950	ng	99
38) 1-Methylnaphthalene	12.84	142	69647	10.797	ng	90
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	41096	10.434	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	21185	9.870	nq	99
43) 2,4,6-Trichlorophenol	13.22	196	23282	9.614	nq	94
44) 2,4,5-Trichlorophenol	13.29	196	26056	10.265	nq	92
46) 1,1'-Biphenyl	13.62	154	103751	10.073	nq	98
47) 2-Chloronaphthalene	13.67	162	78384	10.116	nq	95
48) 2-Nitroaniline	13.87	65	22623	11.504	nq	97
49) Acenaphthylene	14.51	152	130288	11.143	nq	98
50) Dimethylphthalate	14.23	163	105414	10.543	nq	97
51) 2,6-Dinitrotoluene	14.36	165	21030	12.445	nq	96
52) Acenaphthene	14.85	154	76963	10.141	nq	99
53) 3-Nitroaniline	14.69	138	20915	11.327	nq	95
54) 2,4-Dinitrophenol	14.90	184	8309	13.104	nq	96
55) Dibenzofuran	15.18	168	129977	10.682	nq	98
56) 4-Nitrophenol	14.98	139	17185	10.939	nq	96
57) 2,4-Dinitrotoluene	15.14	165	29817	14.001	nq	# 99
58) Fluorene	15.83	166	101749	11.217	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	26313	11.072	nq	# 96
60) Diethylphthalate	15.58	149	104573	10.116	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	53237	10.365	nq	98
62) 4-Nitroaniline	15.85	138	23697	12.094	nq	90
63) Azobenzene	16.11	77	96022	9.504	nq	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	15202	13.515	nq	95
66) n-Nitrosodiphenylamine	16.03	169	89051	9.569	nq	98
67) 4-Bromophenyl-phenylether	16.71	248	33151	9.763	nq	95
68) Hexachlorobenzene	16.82	284	35199	10.333	nq	95
69) Atrazine	16.96	200	34225	10.064	nq	98
70) Pentachlorophenol	17.17	266	17916	7.567	nq	95
71) Phenanthrene	17.57	178	175917	11.105	nq	96
72) Anthracene	17.66	178	167502	10.735	nq	99
73) Carbazole	17.93	167	152926	9.821	nq	99
74) Di-n-butylphthalate	18.46	149	178749	9.839	nq	98
75) Fluoranthene	19.57	202	209057	11.370	nq	98
77) Benzidine	19.75	184	104039	9.897	nq	99
78) Pyrene	19.94	202	218977	10.971	nq	98
80) Butylbenzylphthalate	20.80	149	76579	9.095	nq	96
81) Benzo(a)anthracene	21.80	228	206412	10.895	nq	97
82) 3,3'-Dichlorobenzidine	21.71	252	72039	10.255	nq	96
83) Chrysene	21.86	228	198039	10.981	nq	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	108477	9.031	nq	100
85) Di-n-octyl phthalate	22.92	149	178413	8.990	nq	100
86) Indeno(1,2,3-cd)pyrene	29.06	276	209190	10.811	nq	# 94
88) Benzo(b)fluoranthene	24.11	252	190931	10.936	nq	97
89) Benzo(k)fluoranthene	24.18	252	181859	10.375	nq	99
90) Benzo(a)pyrene	25.03	252	174313	10.367	nq	100
91) Dibenzo(a,h)anthracene	29.13	278	176426	11.204	nq	96
92) Benzo(g,h,i)perylene	30.29	276	172061	10.963	nq	95

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

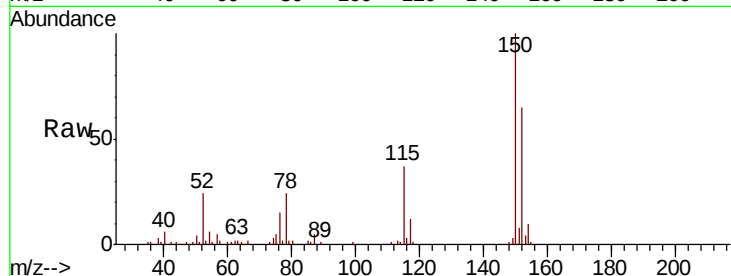


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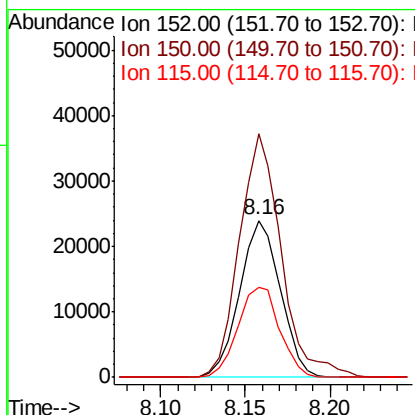
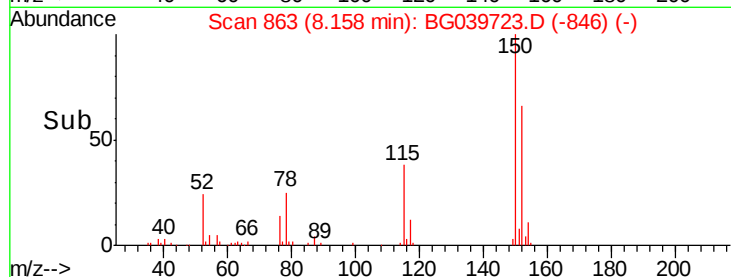
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40010
Ion Ratio Lower Upper
152 100
150 154.9 118.2 177.4
115 57.1 50.0 75.0



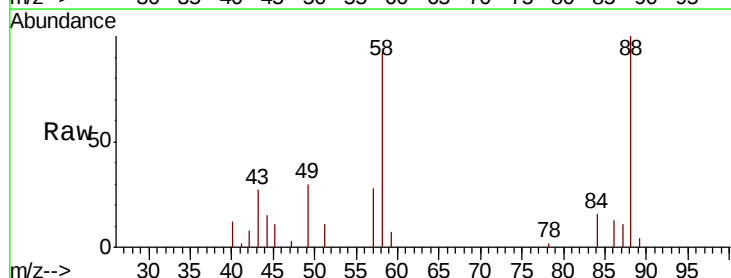
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



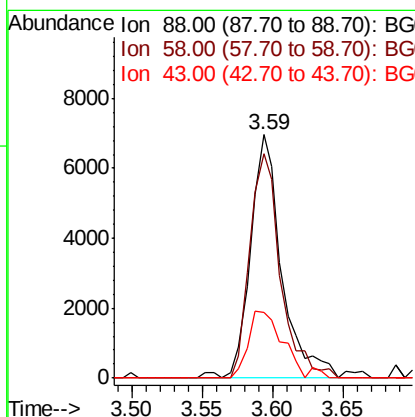
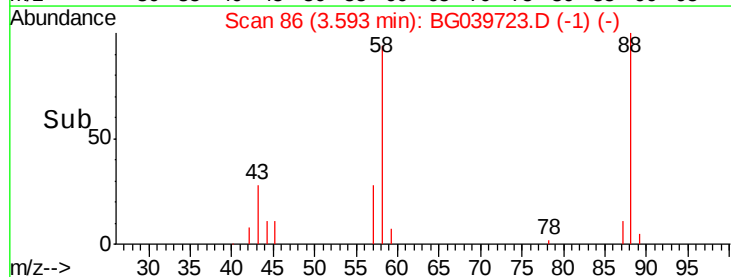
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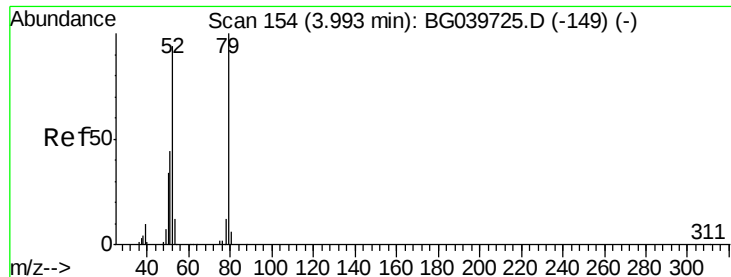
1,4-Dioxane
Concen: 10.553 ng
RT: 3.59 min Scan# 86
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 88 Resp: 10791
Ion Ratio Lower Upper
88 100
58 91.2 78.1 117.1
43 31.6 25.9 38.9



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: 10.152 ng

RT: 4.00 min Scan# 155

Delta R.T. 0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

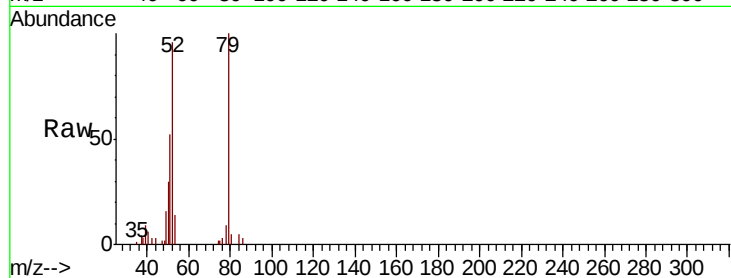
Tot Ion: 79 Resp: 27486

Ion Ratio Lower Upper

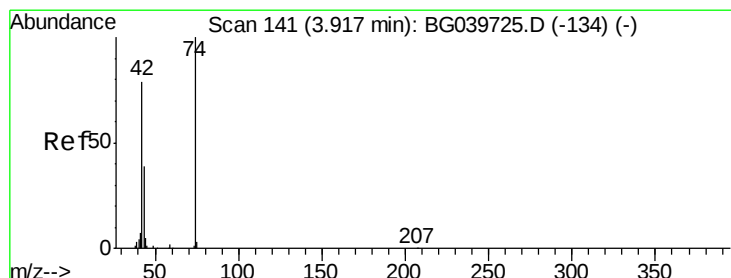
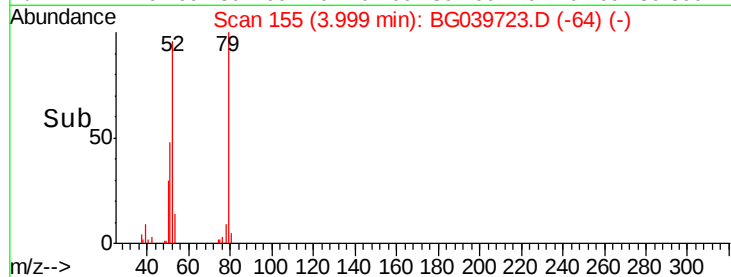
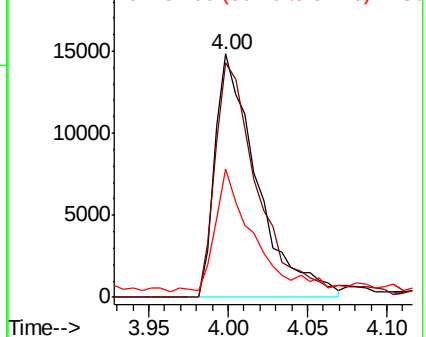
79 100

52 96.2 75.4 113.2

51 52.5 35.7 53.5



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



#4

n-Nitrosodimethylamine

Concen: 9.474 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

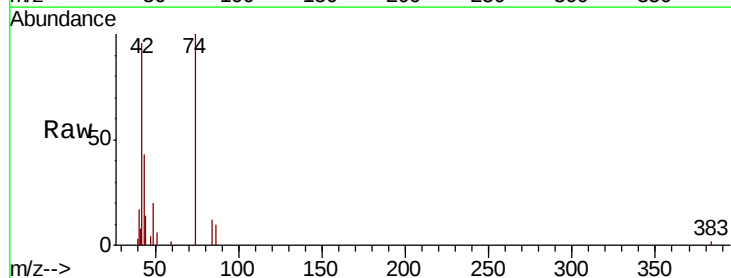
Tgt Ion: 42 Resp: 12828

Ion Ratio Lower Upper

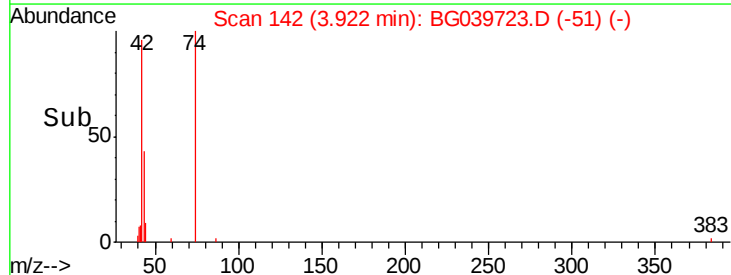
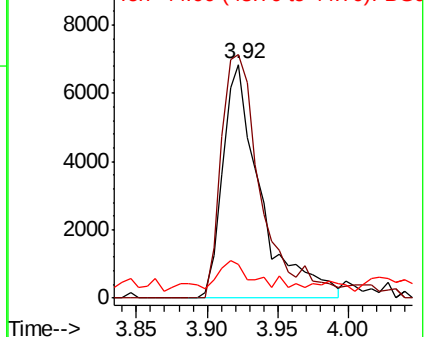
42 100

74 104.3 101.0 151.6

44 14.5 6.2 9.4#



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





#5

2-Fluorophenol

Concen: 18.797 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

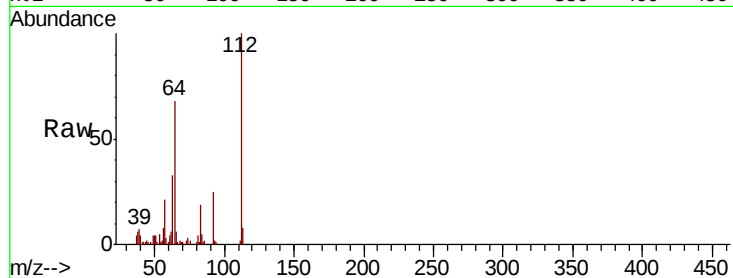
Tot Ion:112 Resp: 43942

Ion Ratio Lower Upper

112 100

64 67.6 56.6 85.0

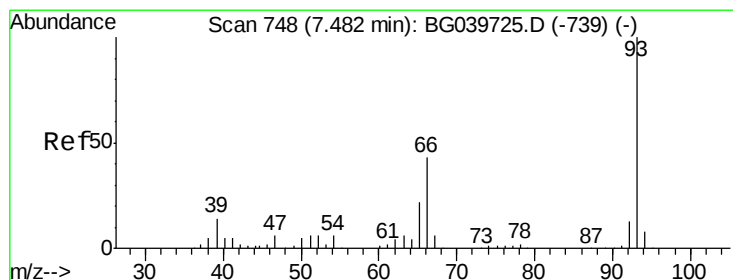
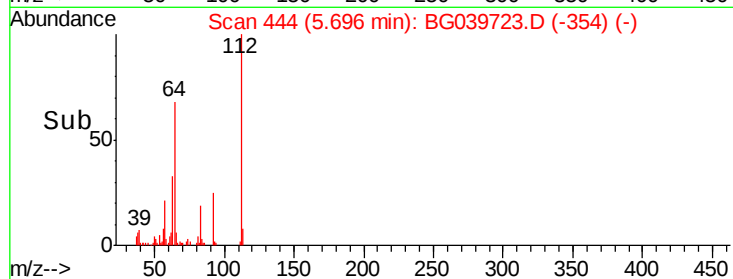
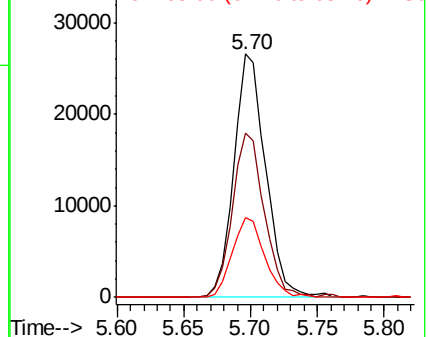
63 32.9 28.6 43.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.977 ng

RT: 7.48 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

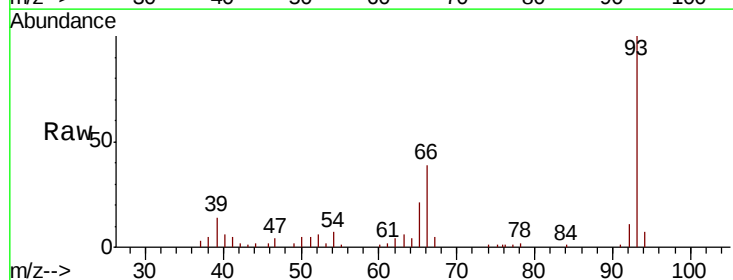
Tgt Ion: 93 Resp: 43004

Ion Ratio Lower Upper

93 100

66 39.1 34.5 51.7

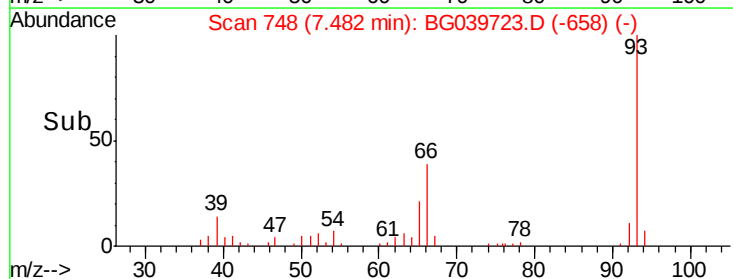
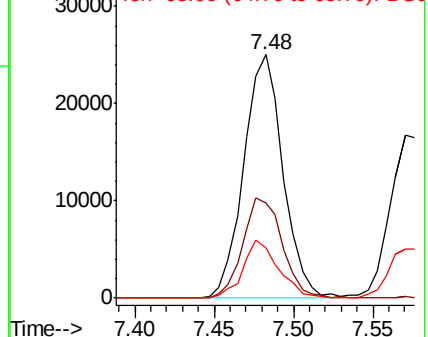
65 20.9 17.5 26.3

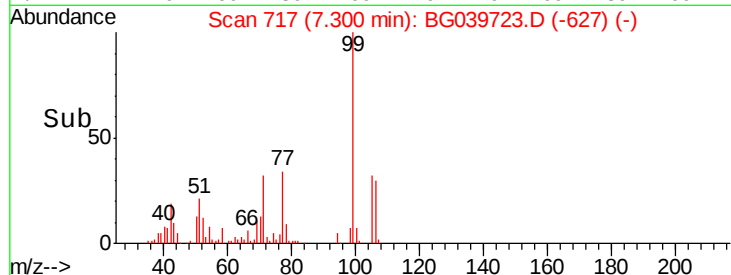
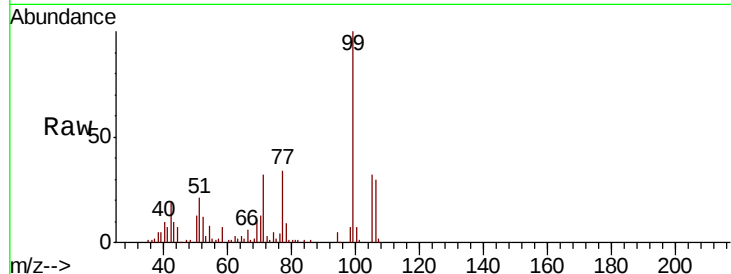


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 19.091 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

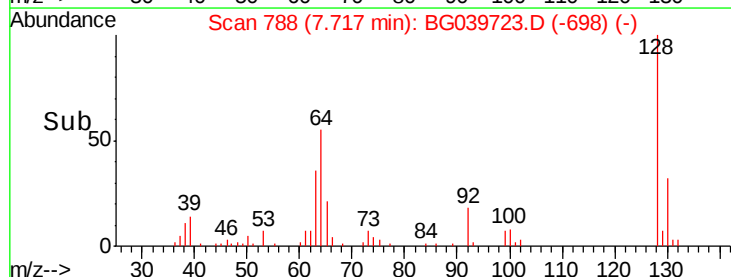
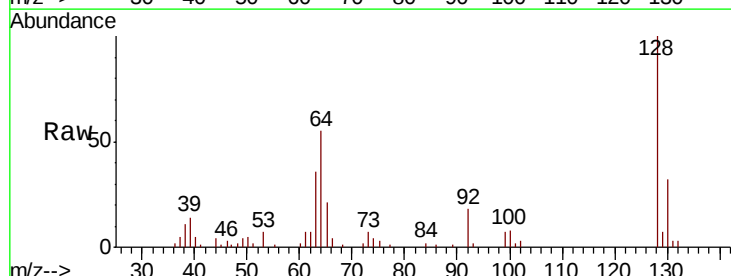
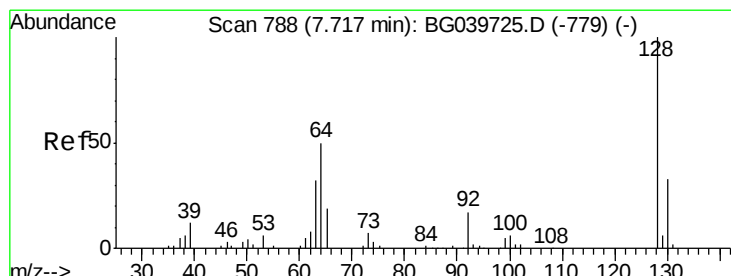
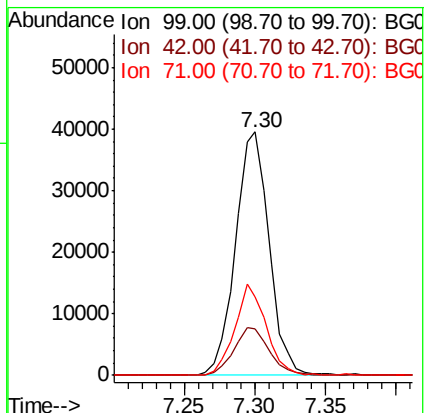
Instrument :

BNA_G

ClientSampled :

Tot Ion: 99 Resp: 65694

Ion	Ratio	Lower	Upper
99	100		
42	19.3	15.1	22.7
71	32.5	28.5	42.7



#8

2-Chlorophenol

Concen: 10.540 ng

RT: 7.72 min Scan# 788

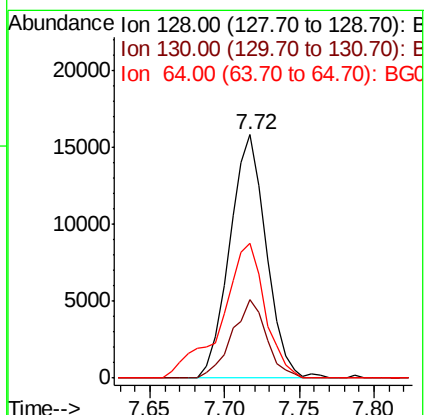
Delta R.T. -0.00 min

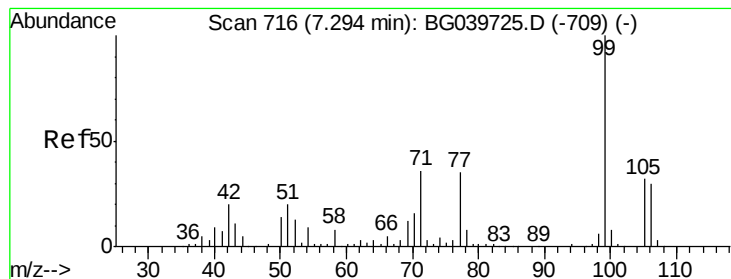
Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Tgt Ion: 128 Resp: 26933

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	55.2	33.3	73.3





#9

Benzaldehyde

Concen: 12.622 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

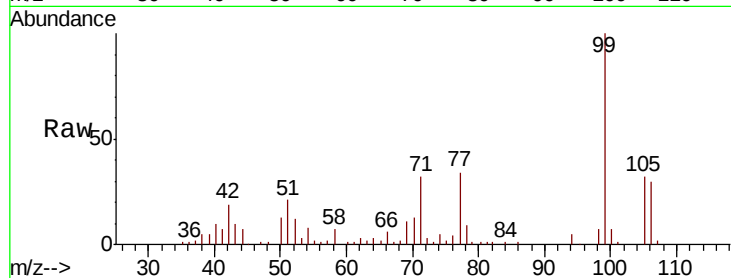
Tot Ion: 77 Resp: 23681

Ion Ratio Lower Upper

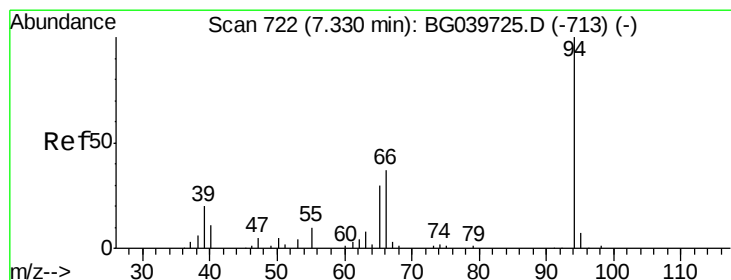
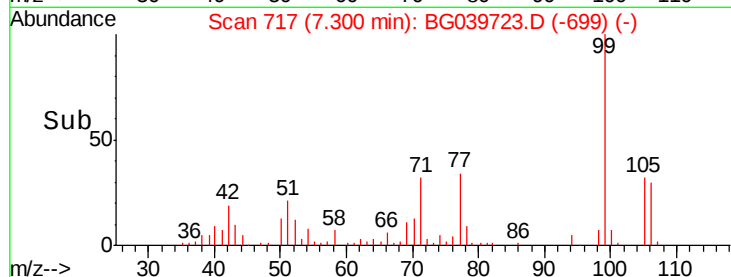
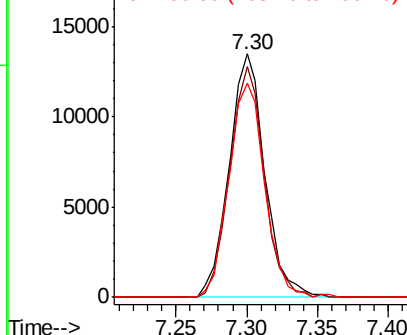
77 100

105 95.0 71.7 111.7

106 88.2 65.1 105.1



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 9.823 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

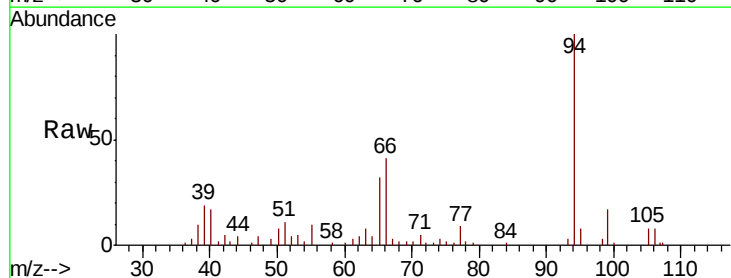
Tgt Ion: 94 Resp: 35237

Ion Ratio Lower Upper

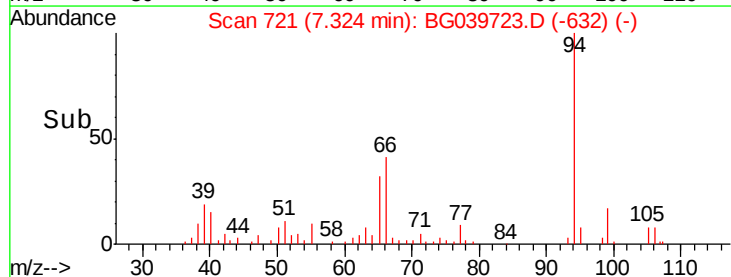
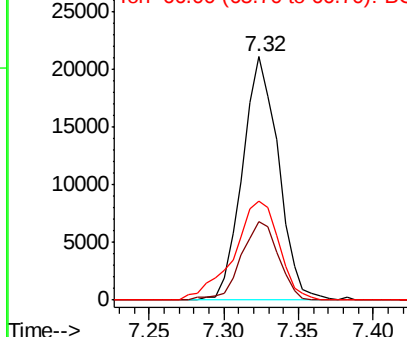
94 100

65 32.1 10.0 50.0

66 40.6 18.1 58.1



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

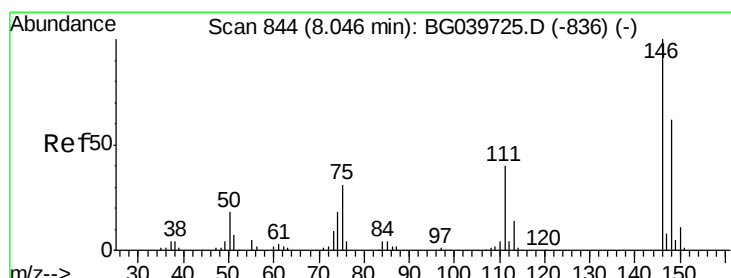
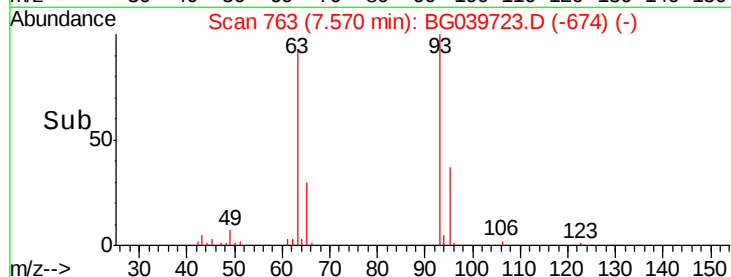
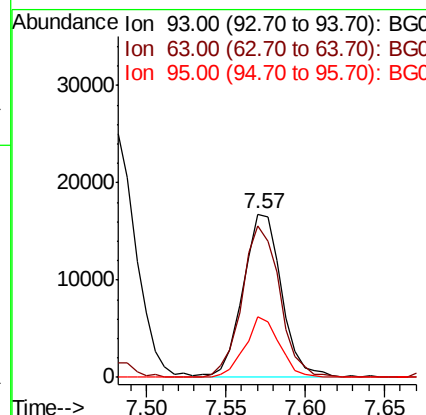
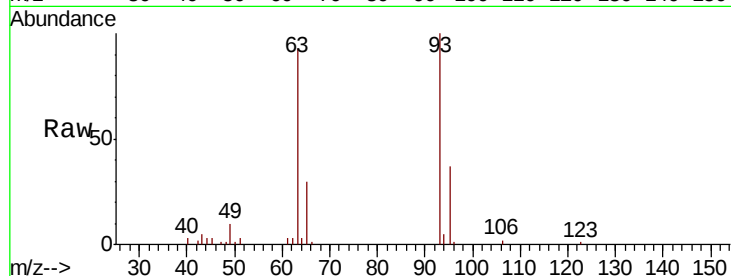




#11
bis(2-Chloroethyl)ether
Concen: 10.044 ng
RT: 7.57 min Scan# 763
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

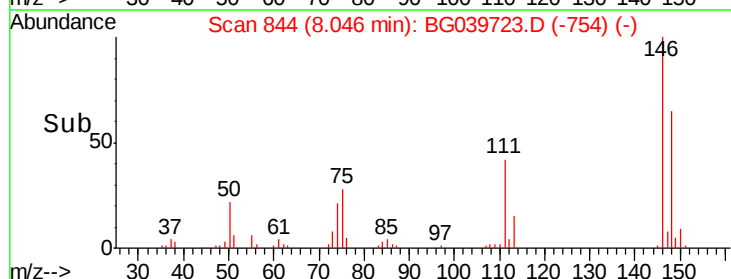
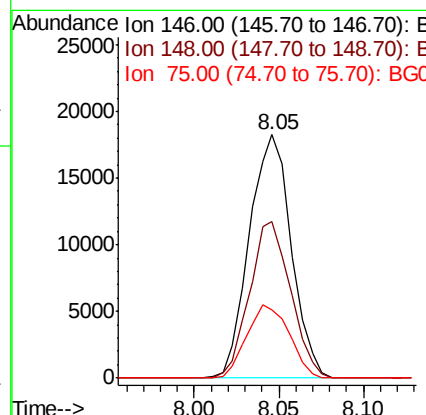
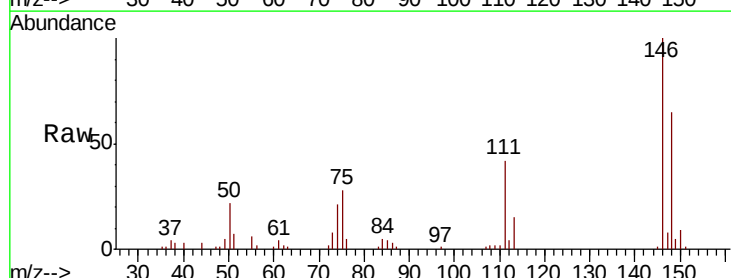
Instrument :
BNA_G
ClientSampleId :

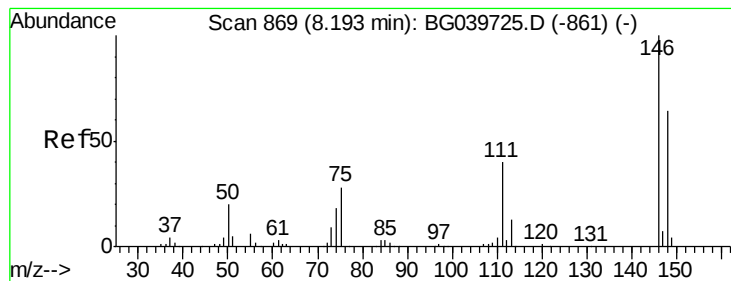
Tot Ion: 93 Resp: 28468
Ion Ratio Lower Upper
93 100
63 92.8 64.4 104.4
95 36.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 10.127 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 146 Resp: 31349
Ion Ratio Lower Upper
146 100
148 64.5 49.3 73.9
75 28.1 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 9.793 ng

RT: 8.19 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampled :

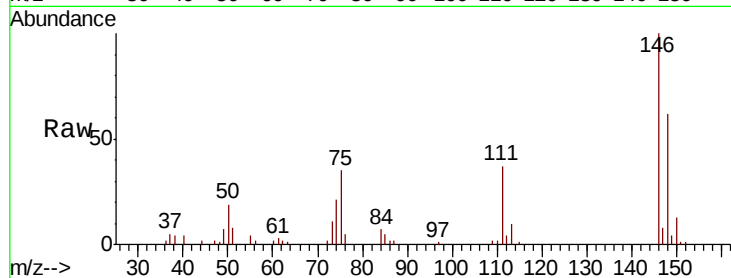
Tot Ion:146 Resp: 30217

Ion Ratio Lower Upper

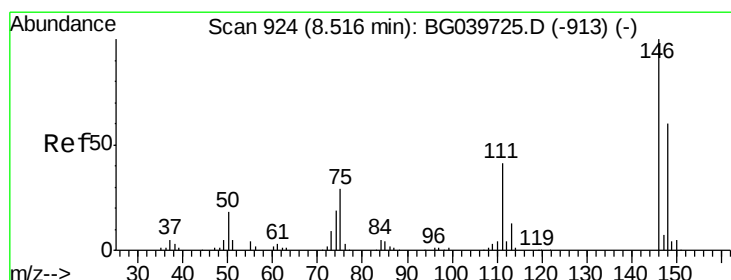
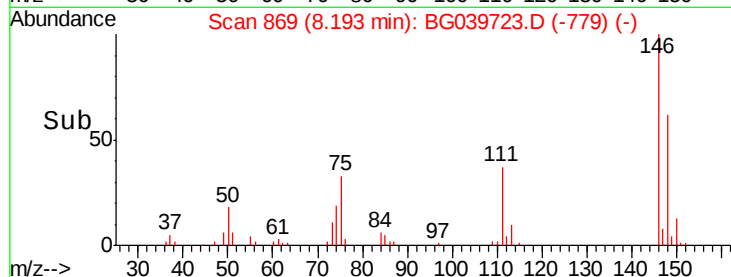
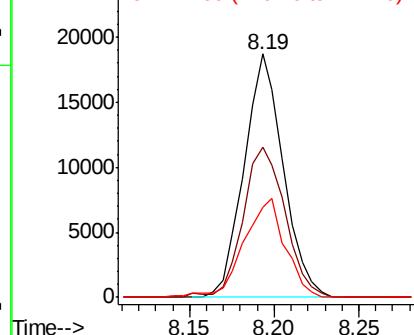
146 100

148 61.5 51.5 77.3

111 37.1 31.8 47.8



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



#14

1,2-Dichlorobenzene

Concen: 10.506 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

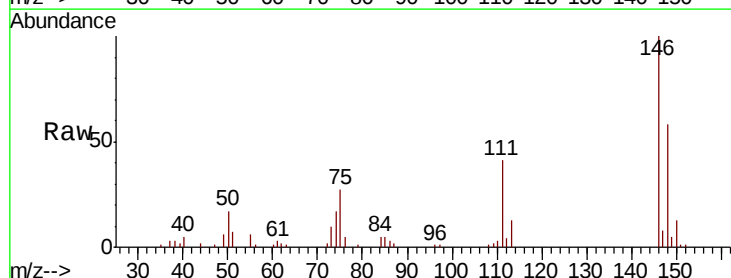
Tgt Ion:146 Resp: 31382

Ion Ratio Lower Upper

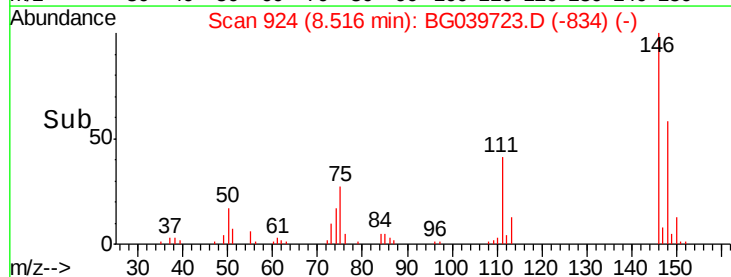
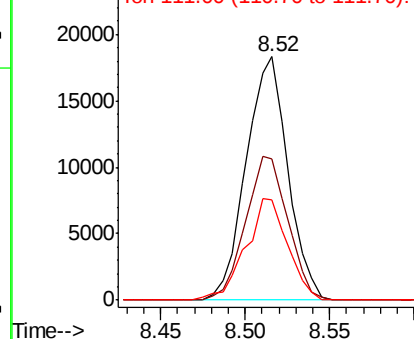
146 100

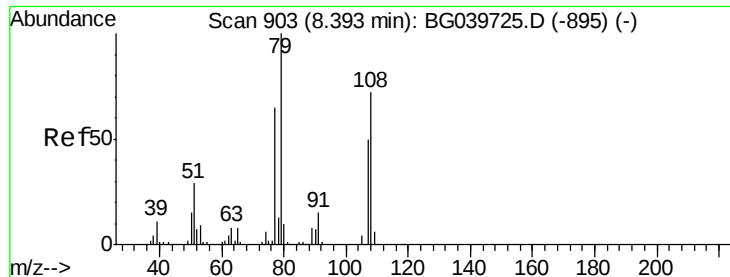
148 57.9 48.3 72.5

111 41.4 33.1 49.7



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





#15

Benzyl Alcohol

Concen: 9.682 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

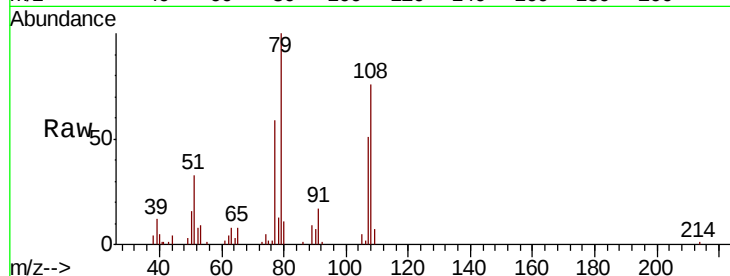
Tot Ion: 79 Resp: 26157

Ion Ratio Lower Upper

79 100

108 76.1 57.4 86.2

77 59.4 51.9 77.9

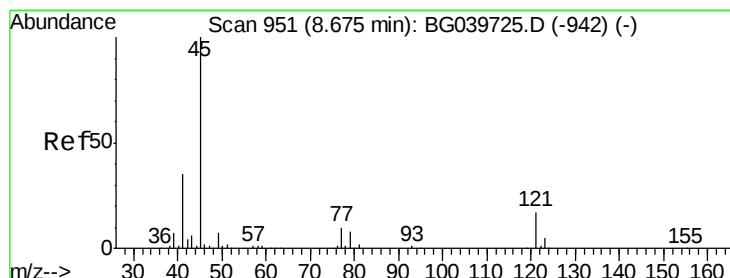
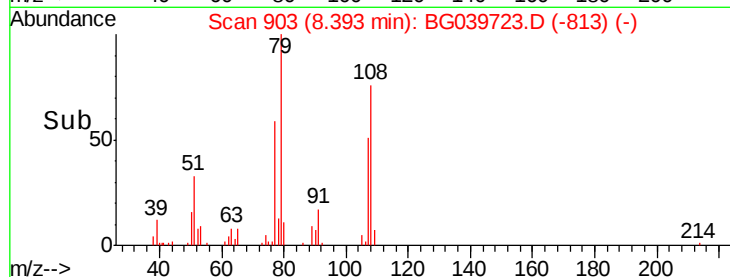
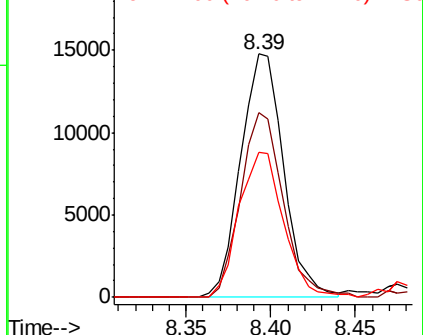


Abundance

Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 9.235 ng

RT: 8.68 min Scan# 952

Delta R.T. 0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

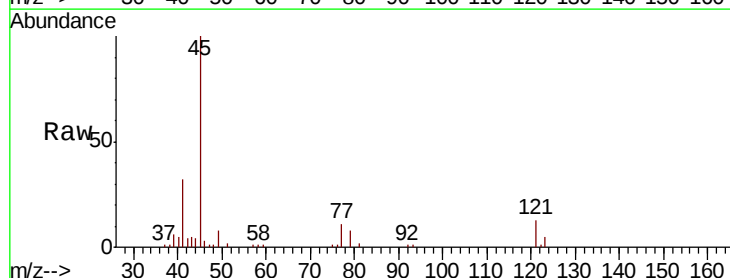
Tgt Ion: 45 Resp: 59109

Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.6

79 7.9 0.0 28.1

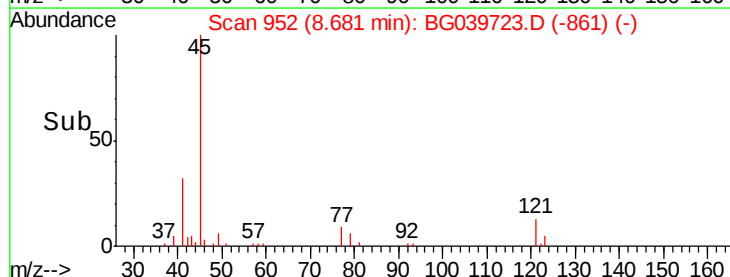
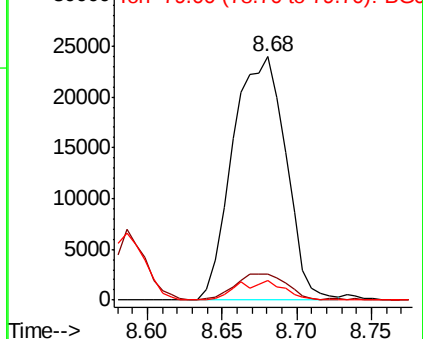


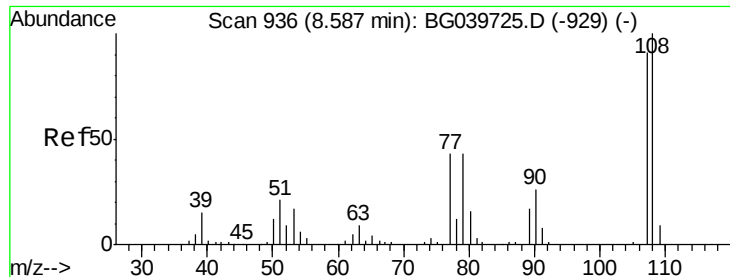
Abundance

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

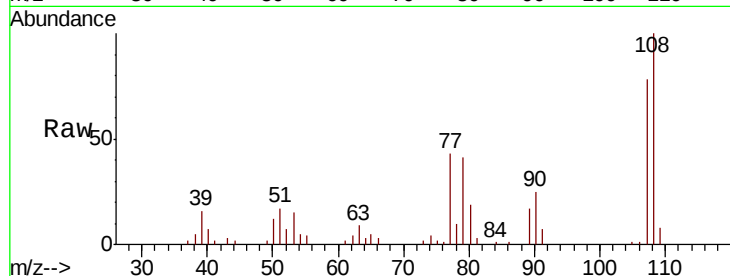




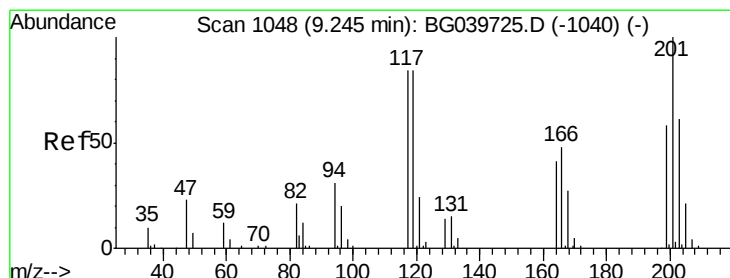
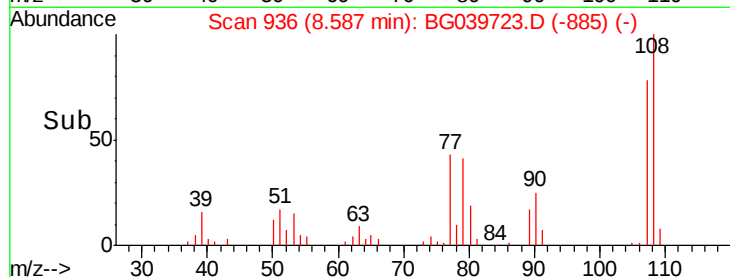
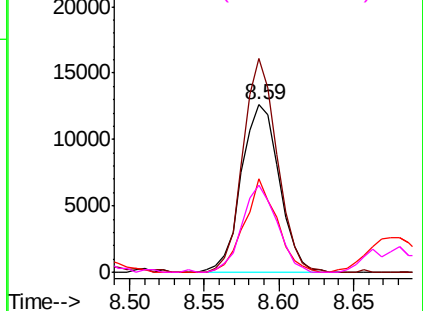
#17
2-Methylphenol
Concen: 9.552 ng
RT: 8.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 22173
Ion Ratio Lower Upper
107 100
108 127.8 88.5 132.7
77 55.6 37.8 56.8
79 51.9 38.2 57.2

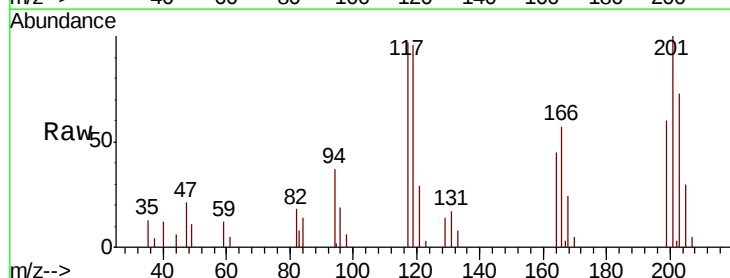


Abundance Ion 107.00 (106.70 to 107.70): E
25000 Ion 108.00 (107.70 to 108.70): E
20000 Ion 77.00 (76.70 to 77.70): BG
15000 Ion 79.00 (78.70 to 79.70): BG
10000
5000
0

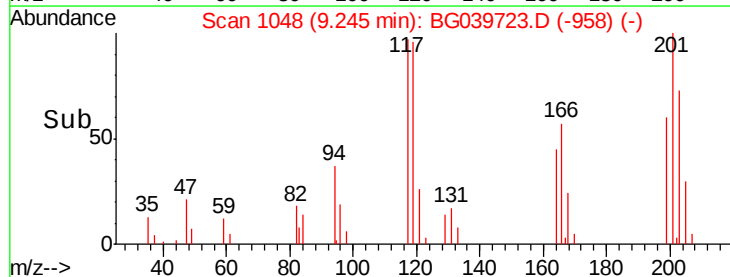
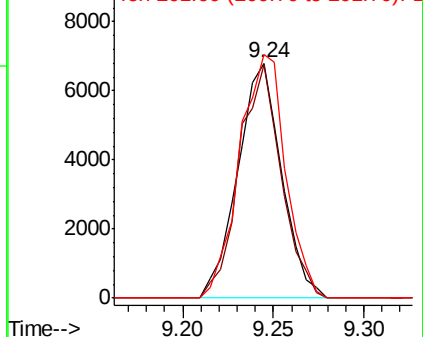


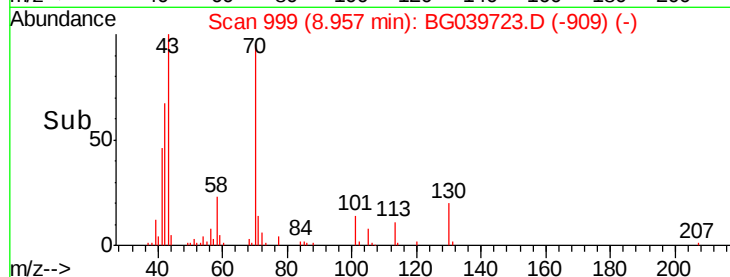
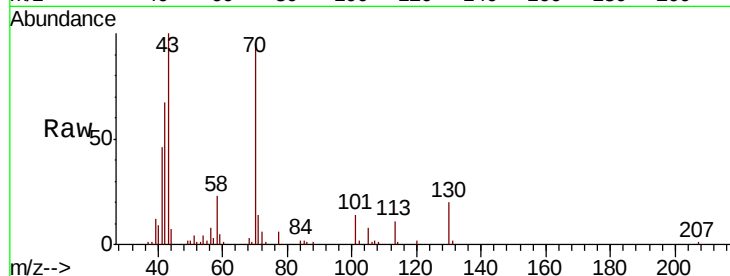
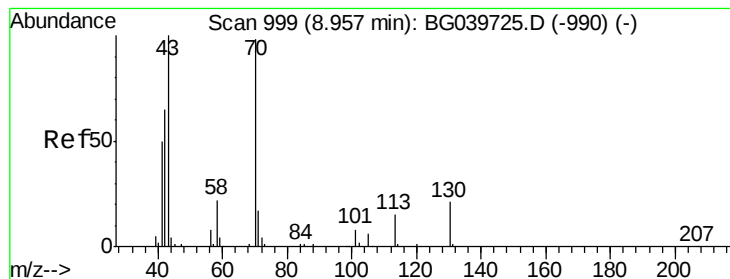
#18
Hexachloroethane
Concen: 10.749 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:117 Resp: 11410
Ion Ratio Lower Upper
117 100
119 99.2 80.2 120.4
201 103.6 95.1 142.7



Abundance Ion 117.00 (116.70 to 117.70): E
8000 Ion 119.00 (118.70 to 119.70): E
6000 Ion 201.00 (200.70 to 201.70): E
4000
2000
0





#19

n-Nitroso-di-n-propylamine

Concen: 9.733 ng

RT: 8.96 min Scan# 999

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 23772

Ion Ratio Lower Upper

70	100		
42	70.2	53.4	80.2
101	15.2	6.9	10.3
130	21.1	17.4	26.0

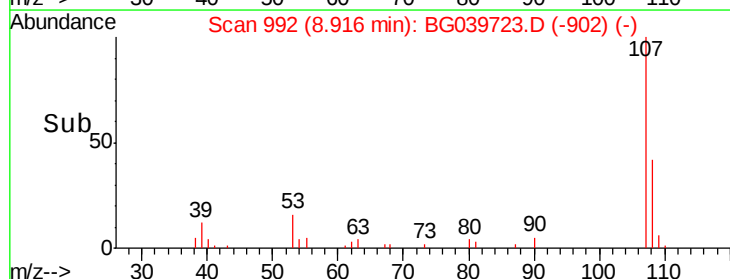
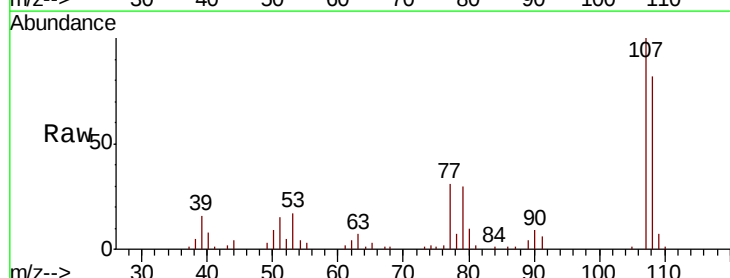
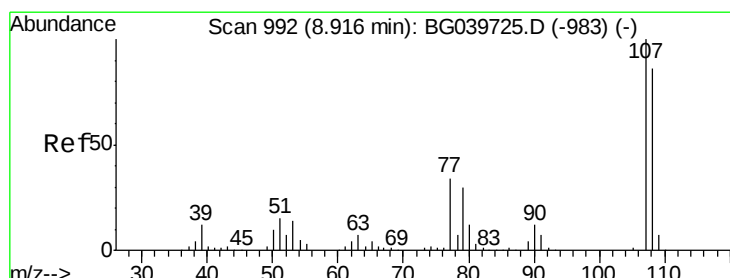
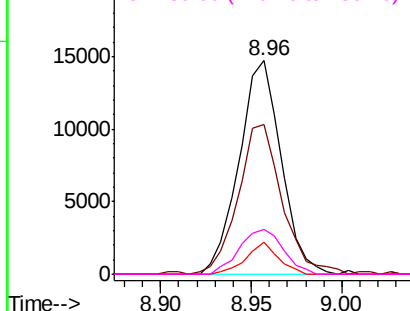
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 9.527 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Tgt Ion: 107 Resp: 30452

Ion Ratio Lower Upper

107	100		
108	82.3	66.3	106.3
77	31.2	13.8	53.8
79	30.3	10.0	50.0

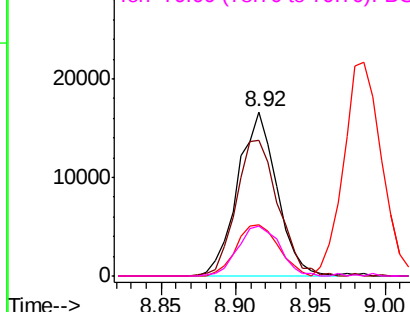
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

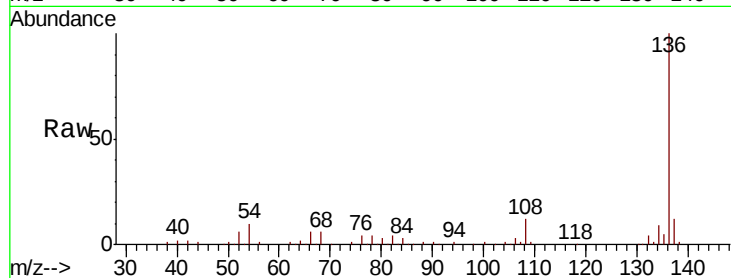




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	182130
Ion Ratio	Lower	Upper
136	100	
137	11.9	8.4 12.6
54	10.5	8.2 12.4
68	6.1	4.2 6.4



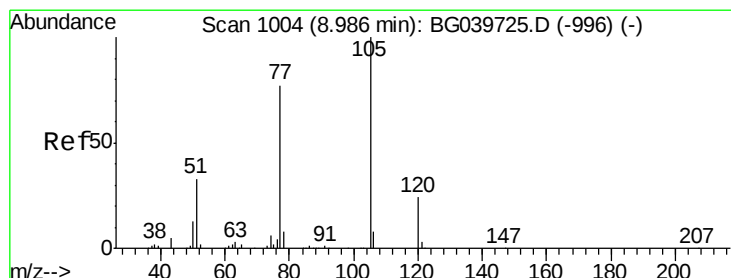
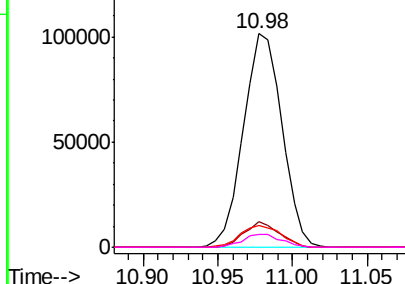
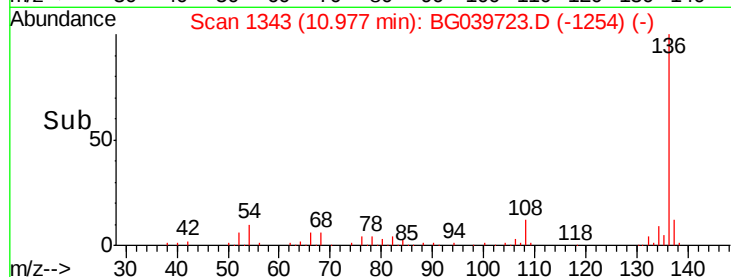
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

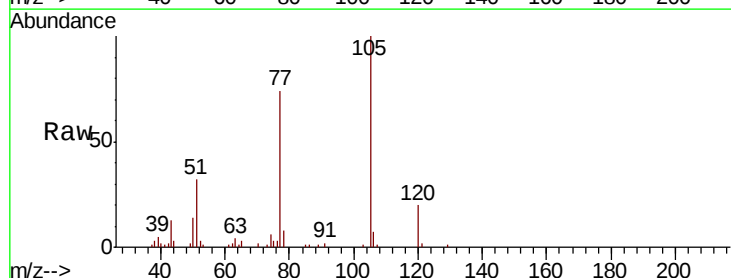
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 10.040 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:105	Resp:	49118
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.5 0.7#
51	31.9	28.4 42.6
120	19.8	19.6 29.4



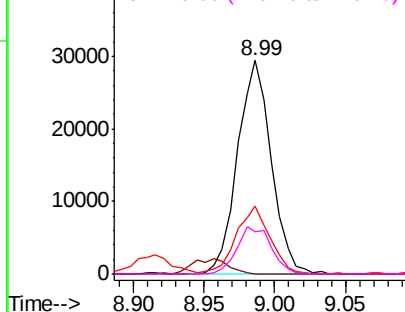
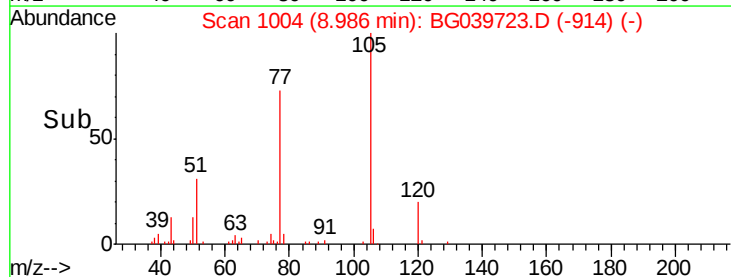
Abundance

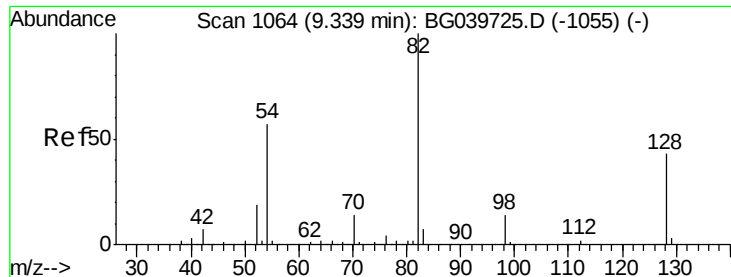
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

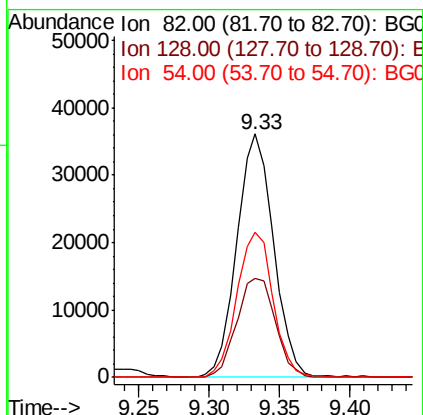
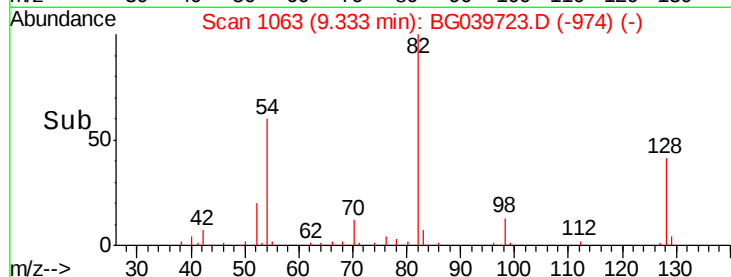
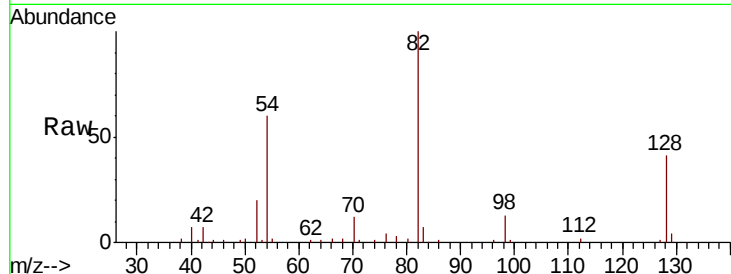




#23
Nitrobenzene-d5
Concen: 22.435 ng
RT: 9.33 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

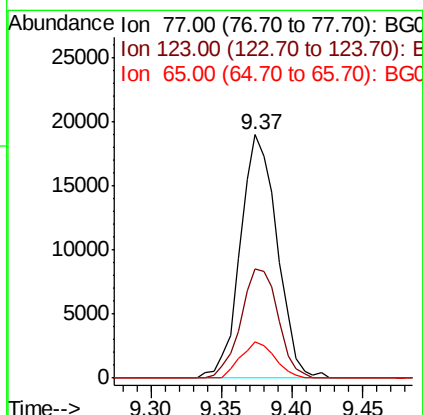
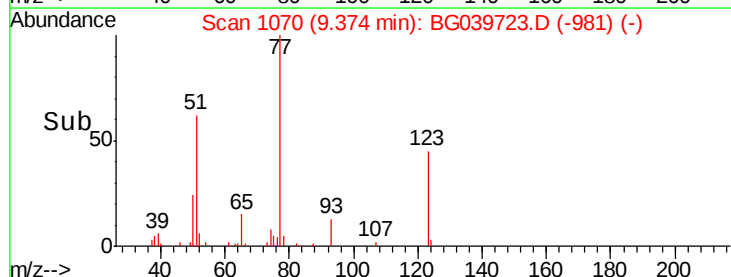
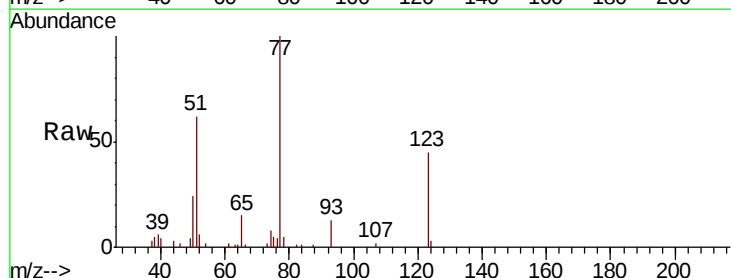
Instrument :
BNA_G
ClientSampleId :

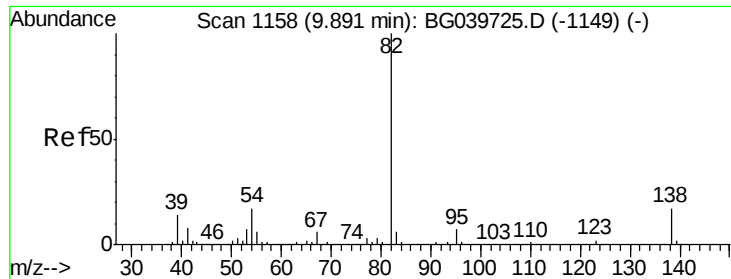
Tot Ion: 82 Resp: 65406
Ion Ratio Lower Upper
82 100
128 40.5 34.4 51.6
54 59.8 45.7 68.5



#24
Nitrobenzene
Concen: 10.996 ng
RT: 9.37 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 77 Resp: 34634
Ion Ratio Lower Upper
77 100
123 44.7 36.2 54.2
65 15.0 10.9 16.3

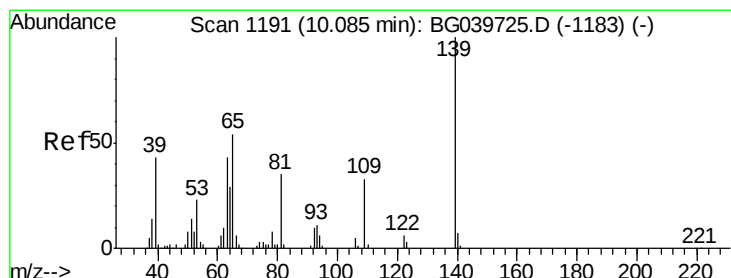
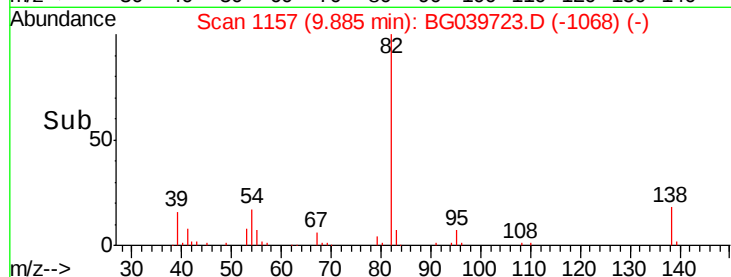
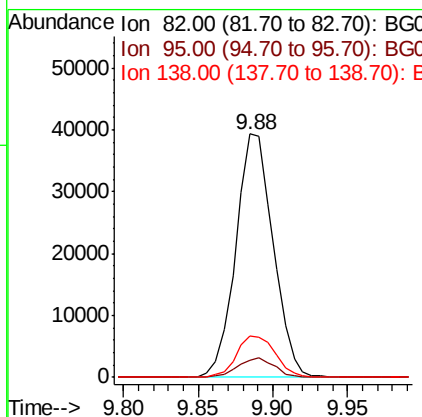
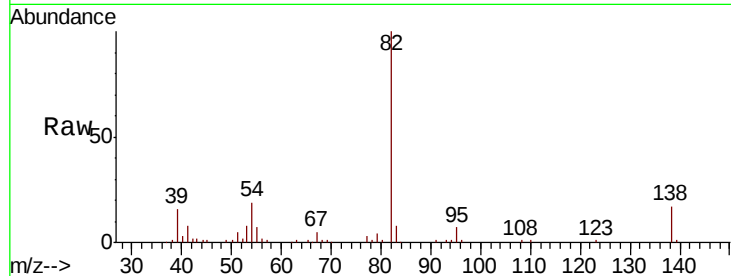




#25
Isophorone
Concen: 10.595 ng
RT: 9.88 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

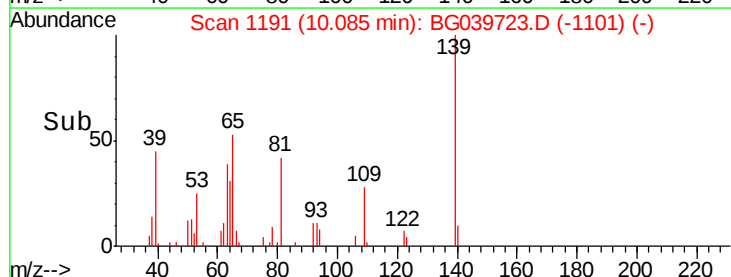
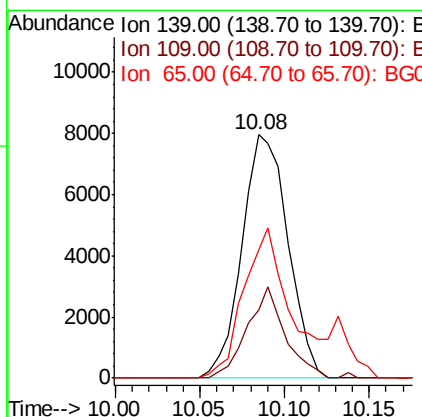
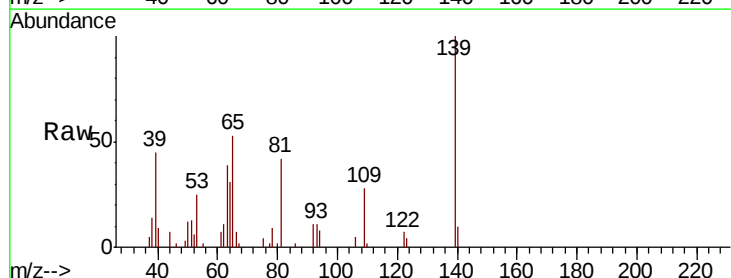
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 68450
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 16.9 13.5 20.3



#26
2-Nitrophenol
Concen: 13.035 ng
RT: 10.08 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 139 Resp: 15038
Ion Ratio Lower Upper
139 100
109 28.0 26.3 39.5
65 52.7 43.0 64.6

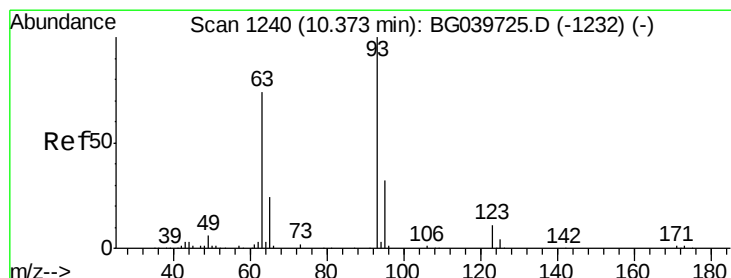
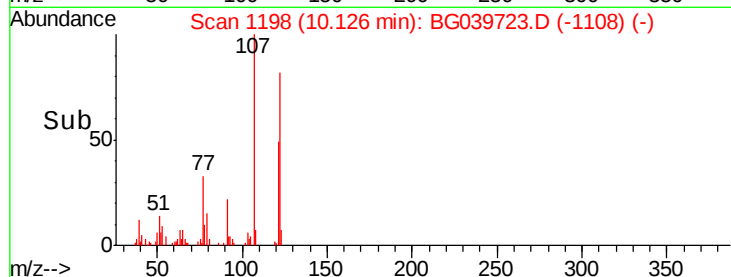
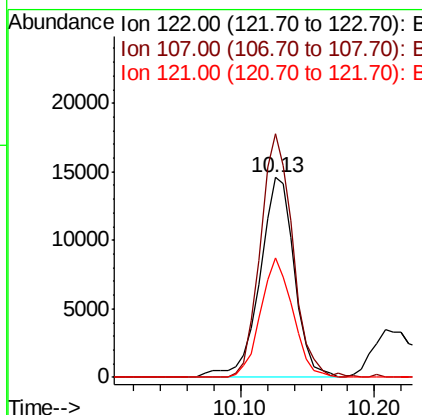
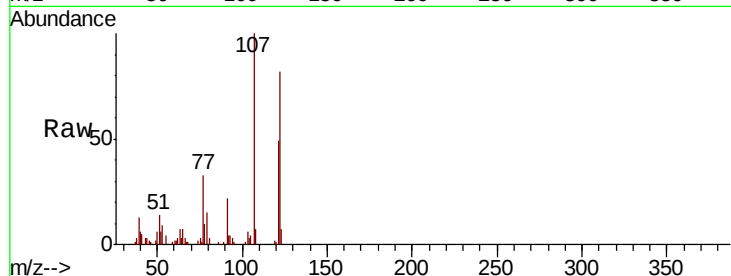




#27
2,4-Dimethylphenol
Concen: 9.983 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

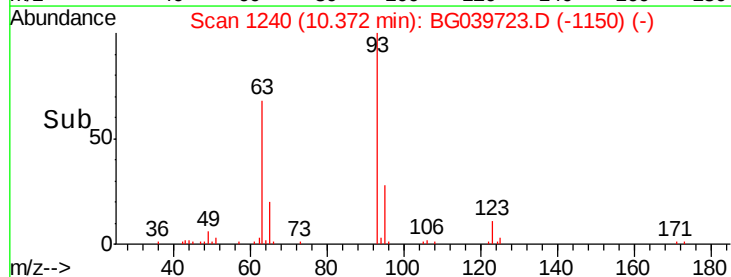
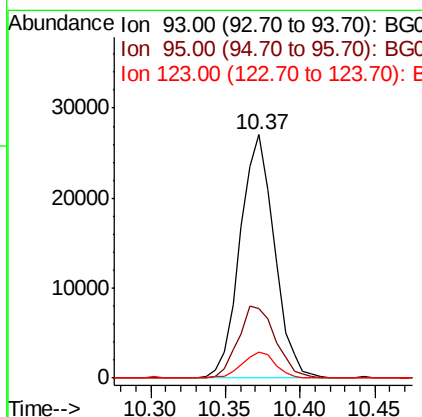
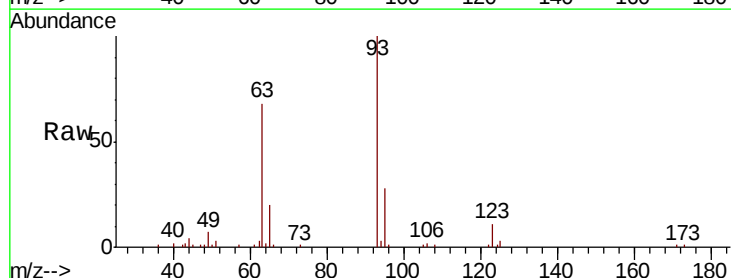
Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 26090
Ion Ratio Lower Upper
122 100
107 121.9 98.7 148.1
121 60.1 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 10.832 ng
RT: 10.37 min Scan# 1240
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion: 93 Resp: 43103
Ion Ratio Lower Upper
93 100
95 28.3 25.8 38.8
123 10.7 8.9 13.3

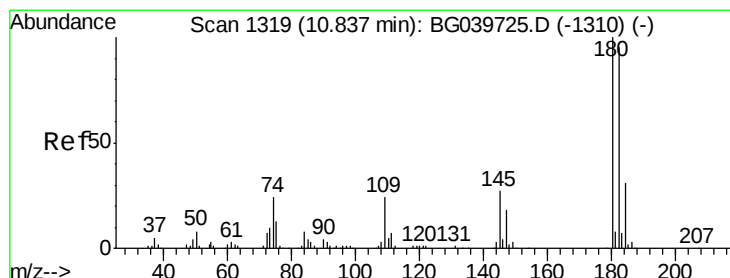
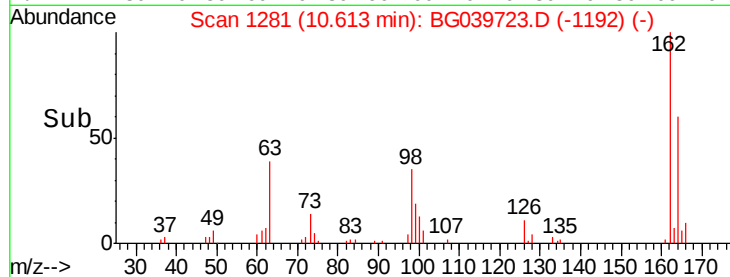
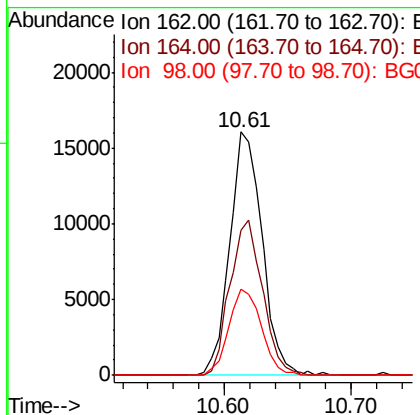
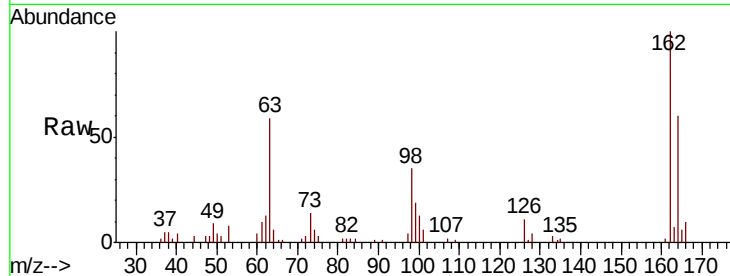




#29
 2,4-Dichlorophenol
 Concen: 9.903 ng
 RT: 10.61 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039723.D
 Acq: 4 Mar 2019 9:41

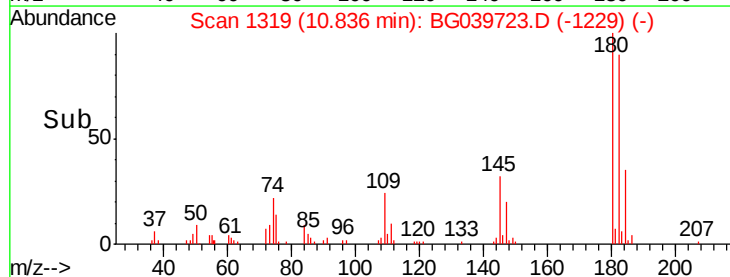
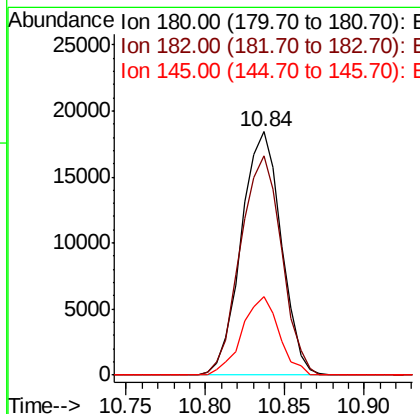
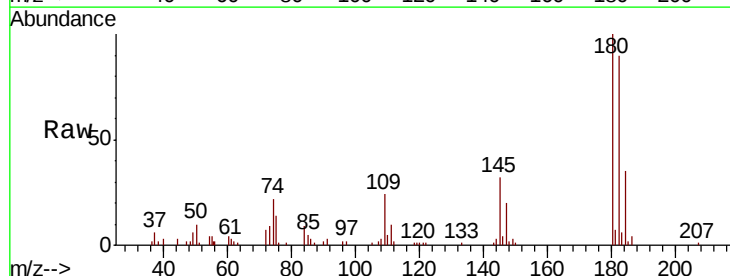
Instrument :
 BNA_G
 ClientSampleId :

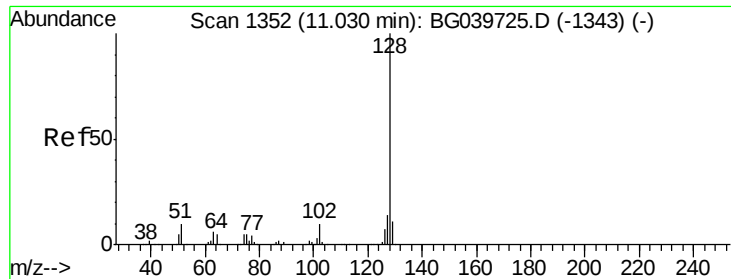
Tot Ion	162	Resp	28285
Ion Ratio	Lower	Upper	
162	100		
164	59.6	44.4	84.4
98	35.3	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 10.069 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG039723.D
 Acq: 4 Mar 2019 9:41

Tgt Ion	180	Resp	32288
Ion Ratio	Lower	Upper	
180	100		
182	90.3	75.7	113.5
145	32.2	21.9	32.9

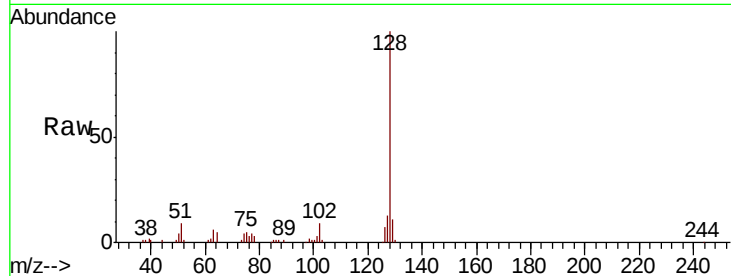




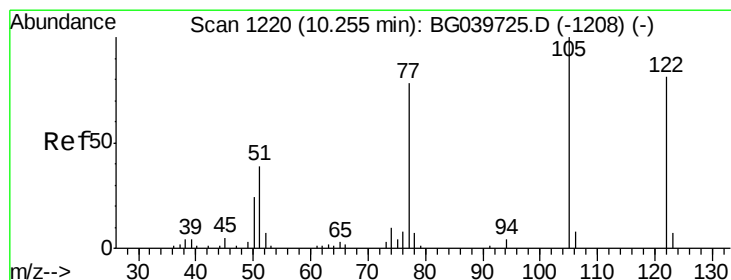
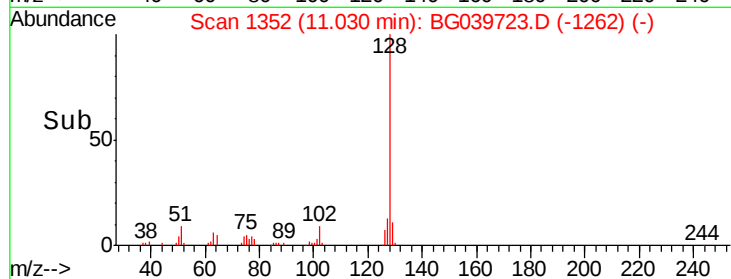
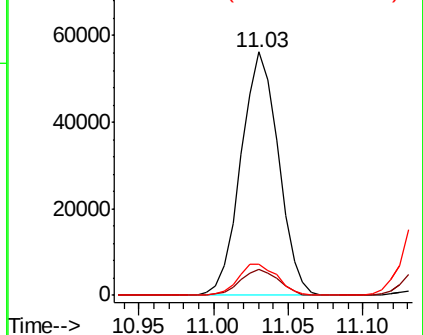
#31
Naphthalene
Concen: 10.819 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 97754
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.5 11.5 17.3

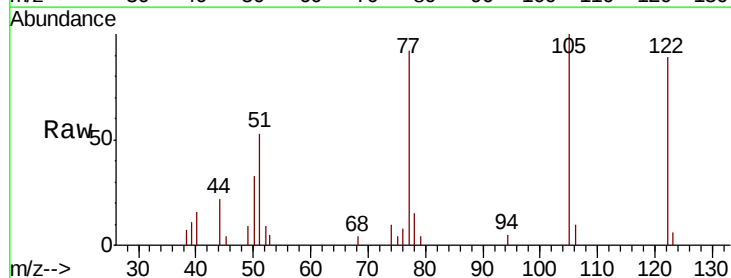


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

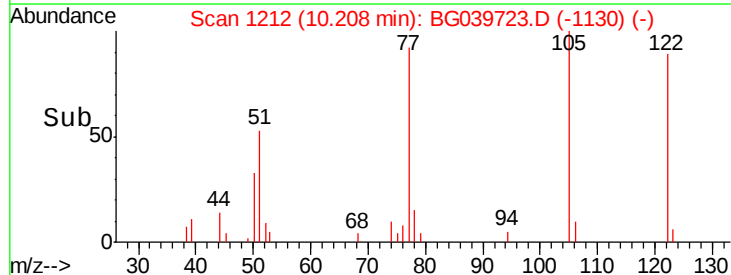
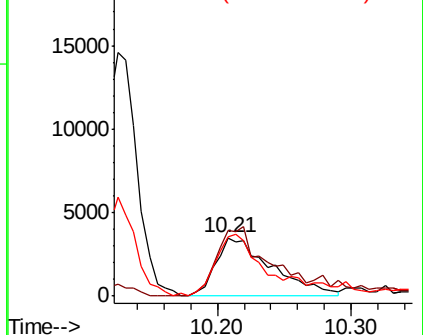


#32
Benzoic acid
Concen: 6.886 ng
RT: 10.21 min Scan# 1212
Delta R.T. -0.05 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:122 Resp: 10226
Ion Ratio Lower Upper
122 100
105 112.2 103.3 143.3
77 102.9 76.5 116.5



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

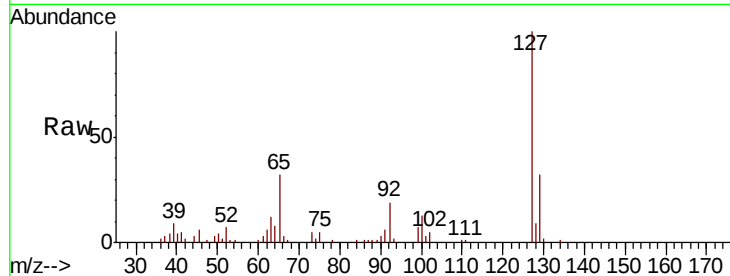




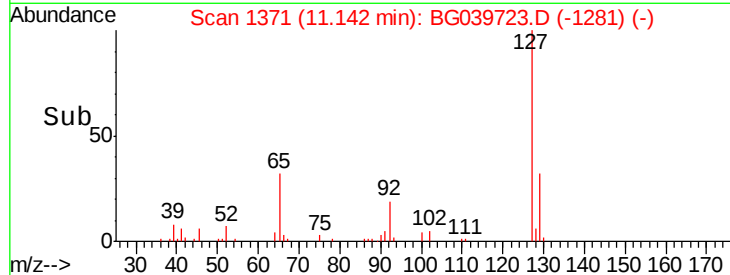
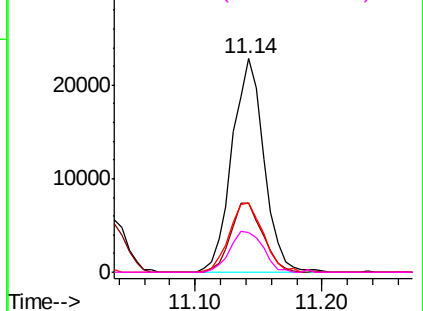
#33
4-Chloroaniline
Concen: 9.477 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	39703
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	32.3	29.0	43.4
92	18.8	16.0	24.0

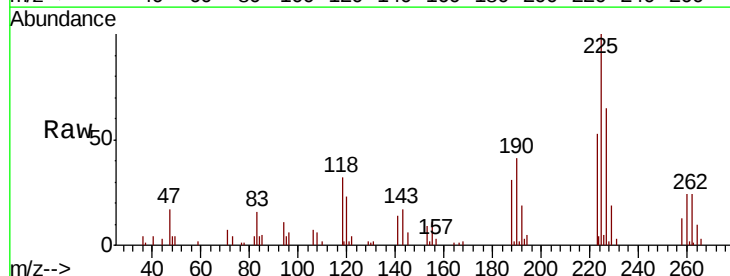


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

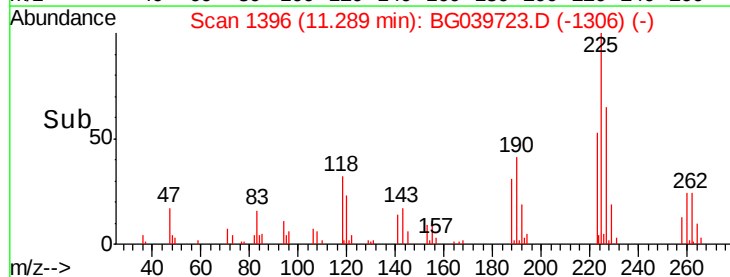
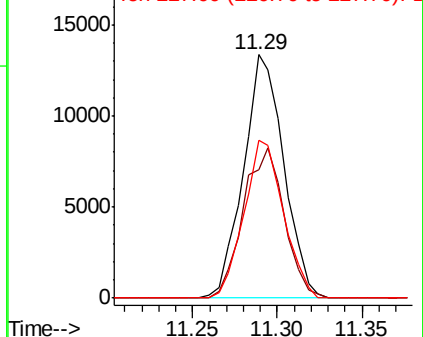


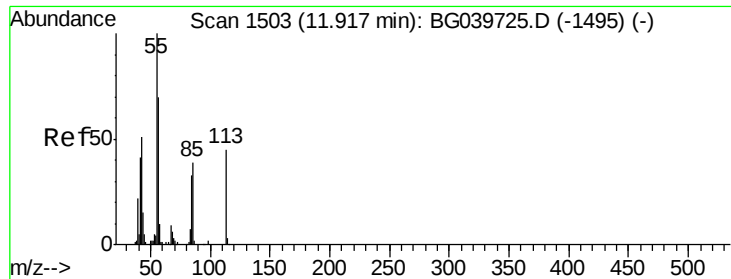
#34
Hexachlorobutadiene
Concen: 10.381 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:	225	Resp:	22139
Ion	Ratio	Lower	Upper
225	100		
223	52.8	51.8	77.6
227	64.6	50.3	75.5



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

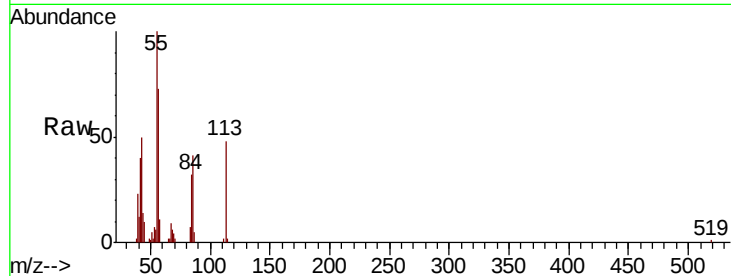




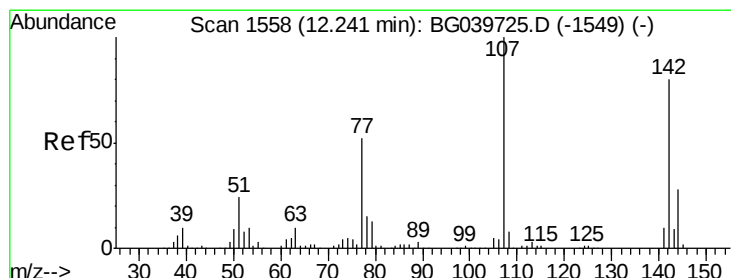
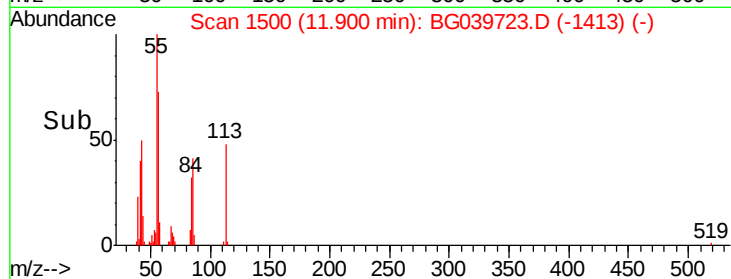
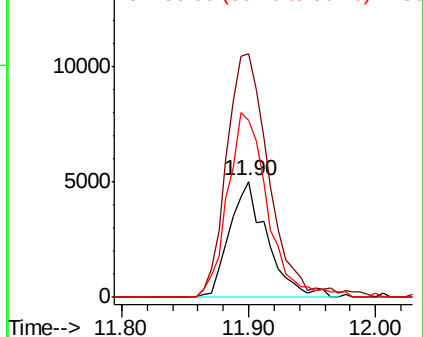
#35
 Caprolactam
 Concen: 8.798 ng
 RT: 11.90 min Scan# 1500
 Delta R.T. -0.02 min
 Lab File: BG039723.D
 Acq: 4 Mar 2019 9:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 10399
 Ion Ratio Lower Upper
 113 100
 55 210.2 204.4 244.4
 56 153.4 138.2 178.2

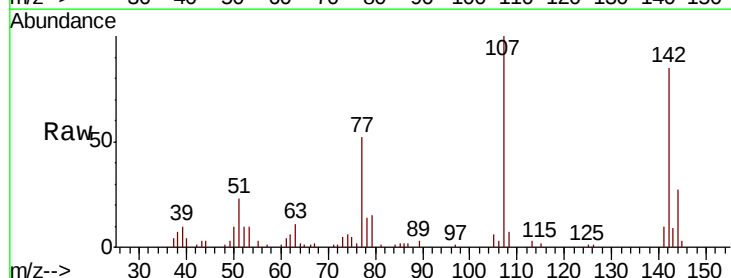


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

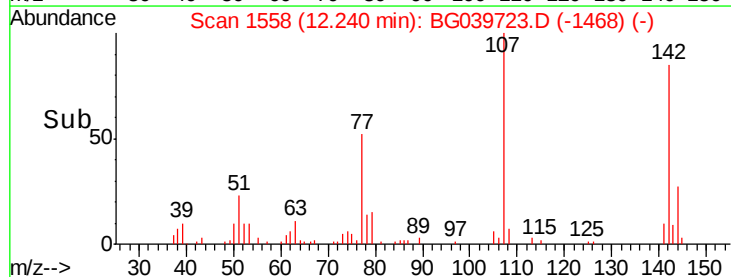
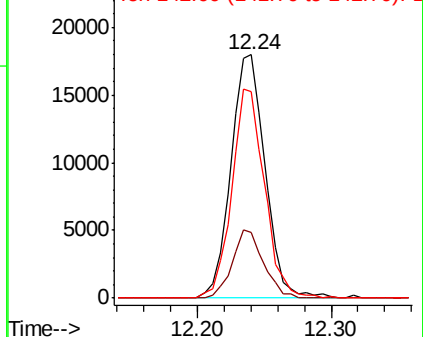


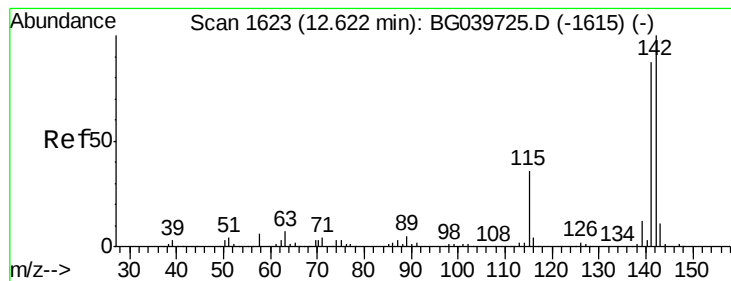
#36
 4-Chloro-3-methylphenol
 Concen: 9.663 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: BG039723.D
 Acq: 4 Mar 2019 9:41

Tgt Ion:107 Resp: 31919
 Ion Ratio Lower Upper
 107 100
 144 27.2 22.2 33.4
 142 84.6 64.2 96.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 10.950 ng

RT: 12.62 min Scan# 1623

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

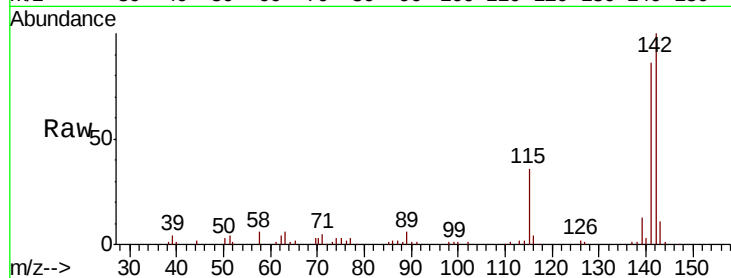
Tot Ion:142 Resp: 73278

Ion Ratio Lower Upper

142 100

141 85.8 69.5 104.3

115 36.0 28.8 43.2

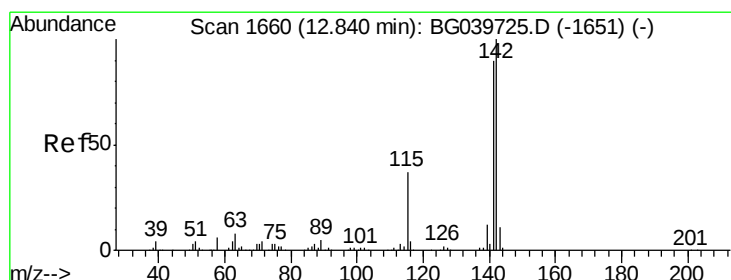
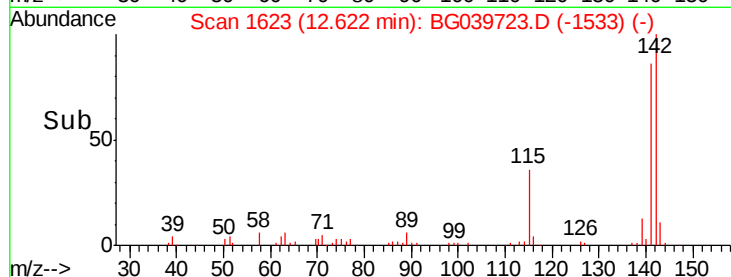
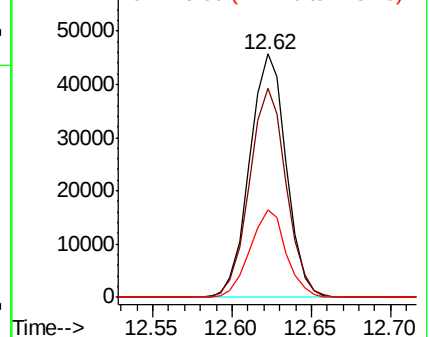


Abundance

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: 10.797 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

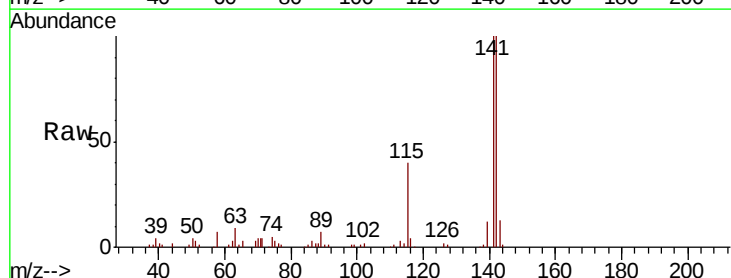
Tgt Ion:142 Resp: 69647

Ion Ratio Lower Upper

142 100

141 99.7 71.8 107.6

116 4.0 3.1 4.7

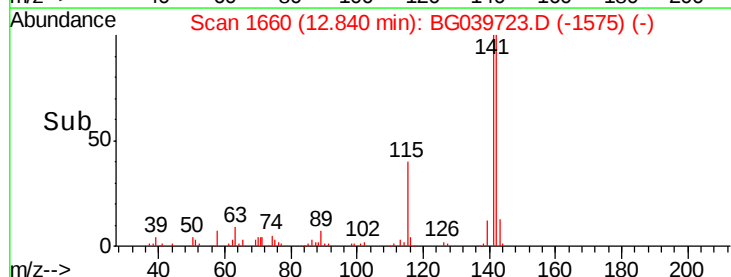
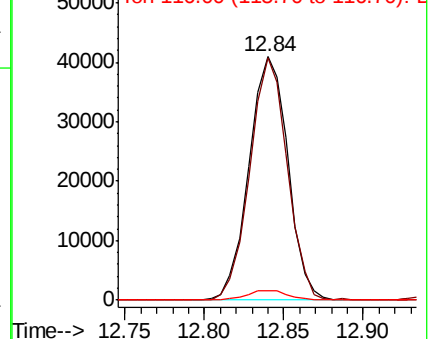


Abundance

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: 14.78 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampled :

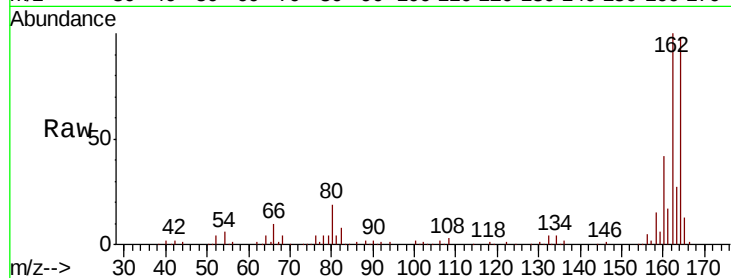
Tot Ion:164 Resp: 123795

Ion Ratio Lower Upper

164 100

162 102.5 80.7 121.1

160 43.3 36.2 54.4

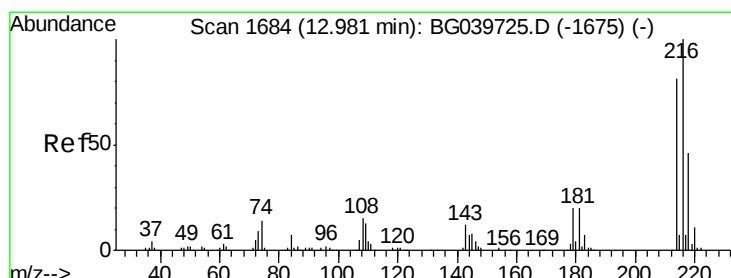
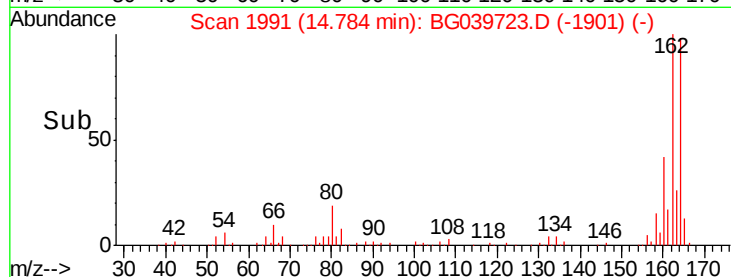
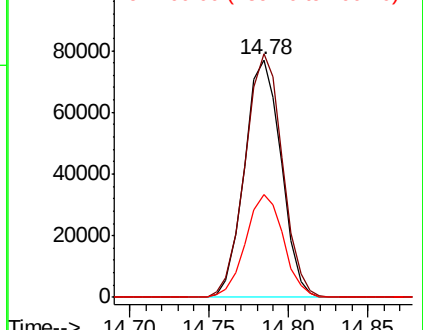


Abundance

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: 10.434 ng

RT: 12.98 min Scan# 1684

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Tgt Ion:216 Resp: 41096

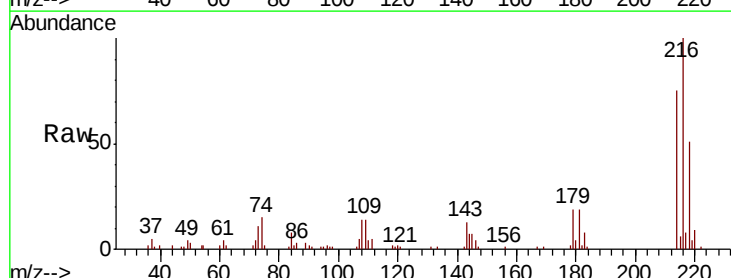
Ion Ratio Lower Upper

216 100

214 78.9 63.2 94.8

179 20.8 16.2 24.4

108 16.6 13.4 20.0



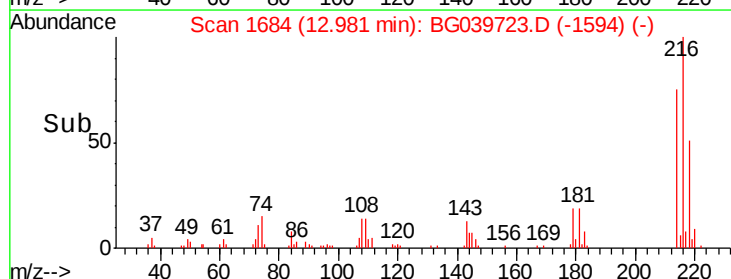
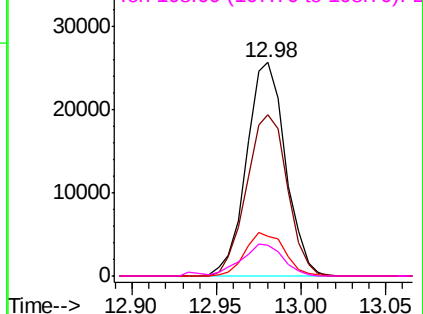
Abundance

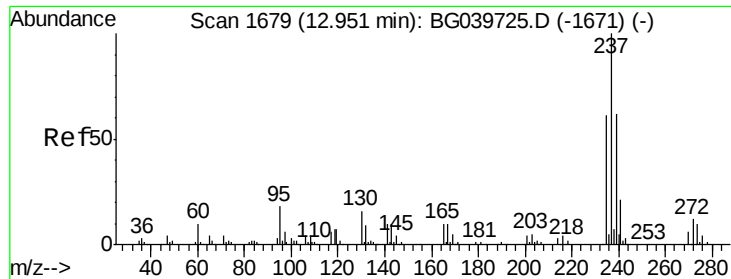
Ion 216.00 (215.70 to 216.70): E

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: 9.870 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG039723.D

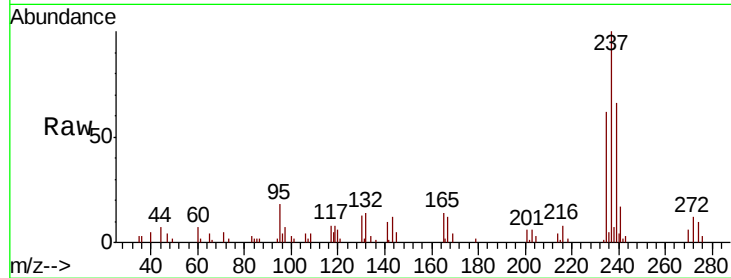
Acq: 4 Mar 2019 9:41

Instrument :

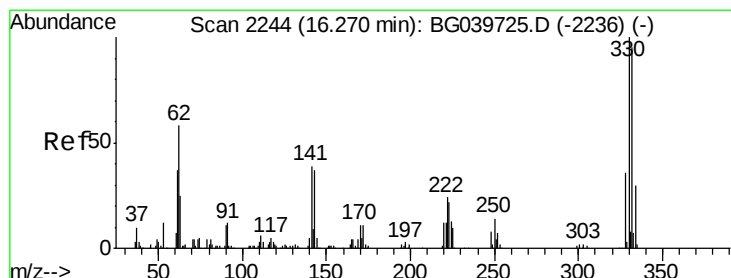
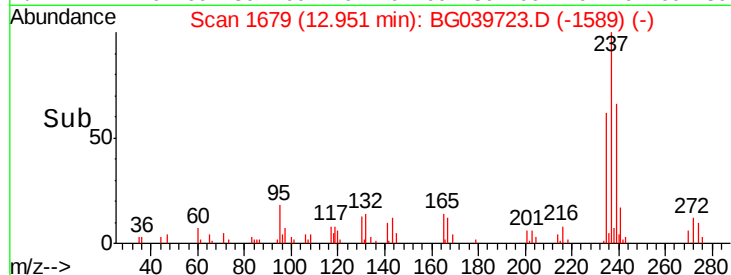
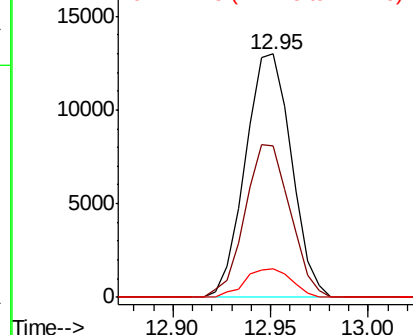
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	21185
Ion	Ratio	Lower	Upper
237	100		
235	62.2	41.0	81.0
272	11.7	0.0	31.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 20.225 ng

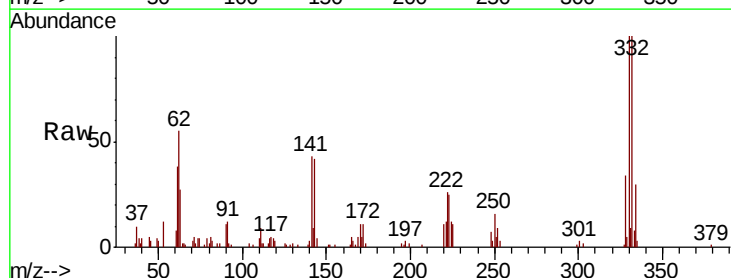
RT: 16.27 min Scan# 2244

Delta R.T. -0.00 min

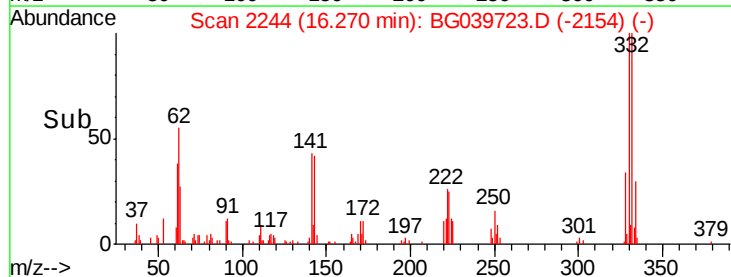
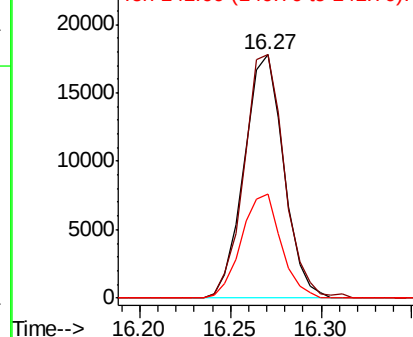
Lab File: BG039723.D

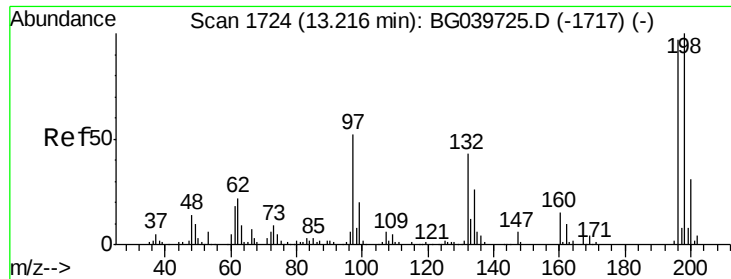
Acq: 4 Mar 2019 9:41

Tgt Ion:	330	Resp:	26961
Ion	Ratio	Lower	Upper
330	100		
332	101.5	75.8	113.6
141	43.1	32.8	49.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

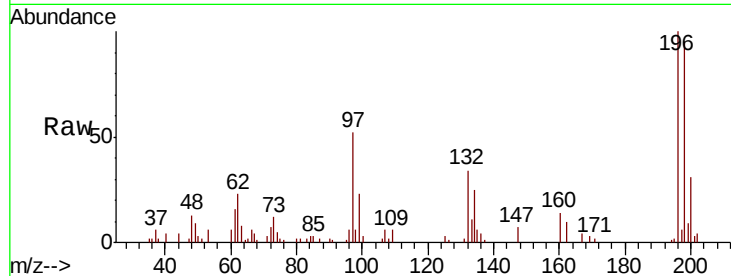




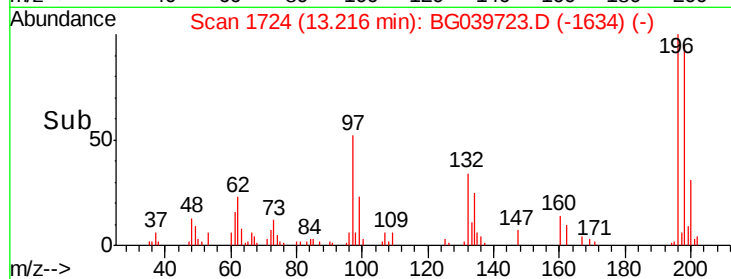
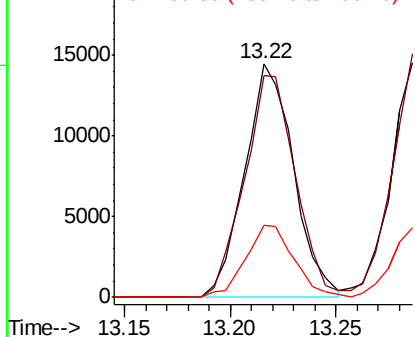
#43
 2,4,6-Trichlorophenol
 Concen: 9.614 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG039723.D
 Acq: 4 Mar 2019 9:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 23282
 Ion Ratio Lower Upper
 196 100
 198 95.1 82.1 123.1
 200 31.0 25.1 37.7

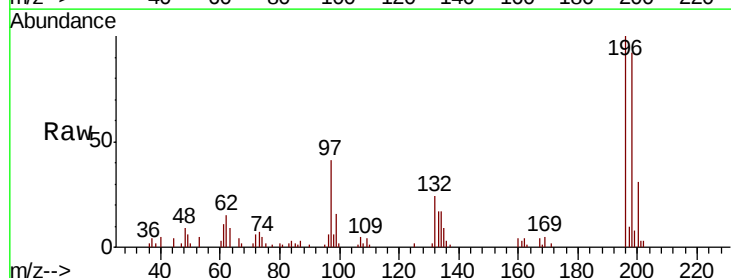


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

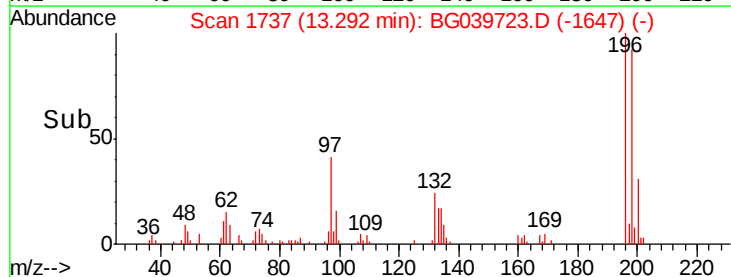
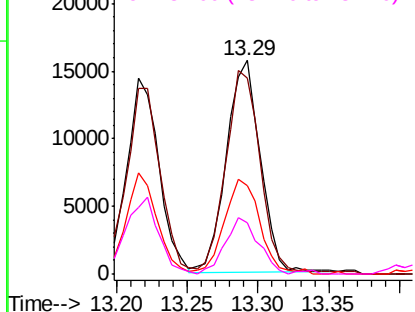


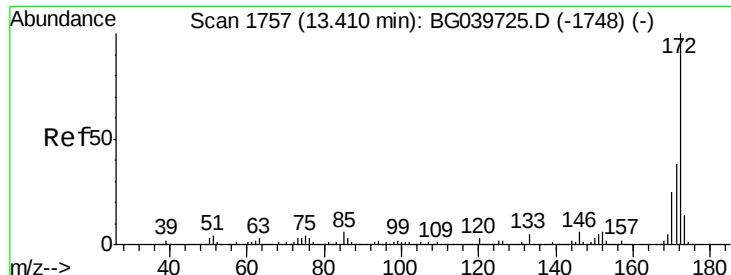
#44
 2,4,5-Trichlorophenol
 Concen: 10.265 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG039723.D
 Acq: 4 Mar 2019 9:41

Tgt Ion:196 Resp: 26056
 Ion Ratio Lower Upper
 196 100
 198 91.9 81.4 122.0
 97 41.2 36.4 54.6
 132 23.7 18.5 27.7



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

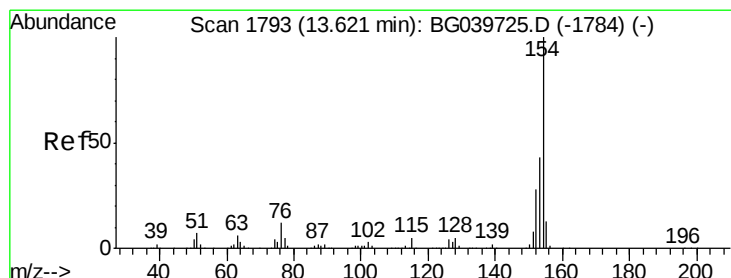
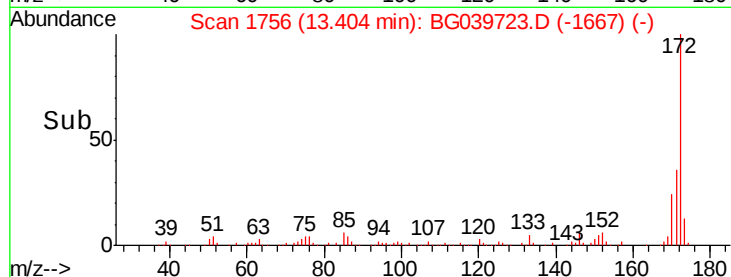
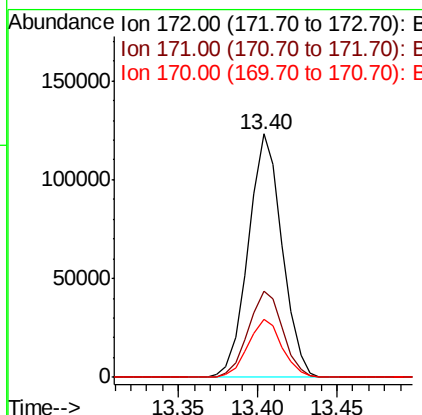
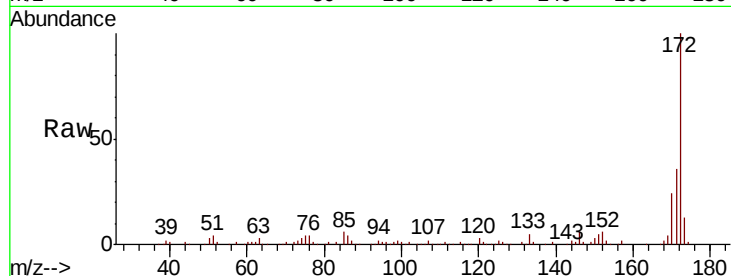




#45
2-Fluorobiphenyl
Concen: 21.083 ng
RT: 13.40 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

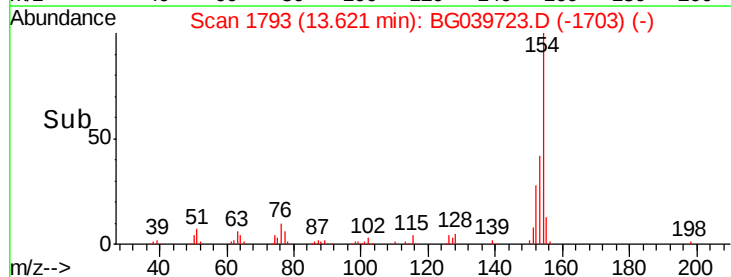
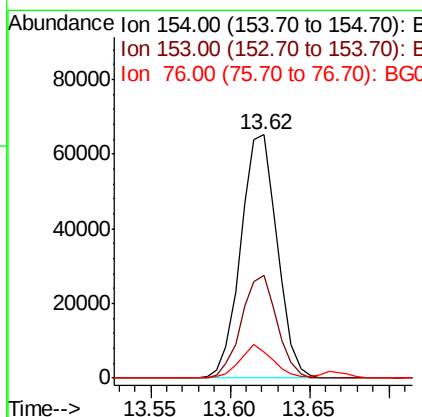
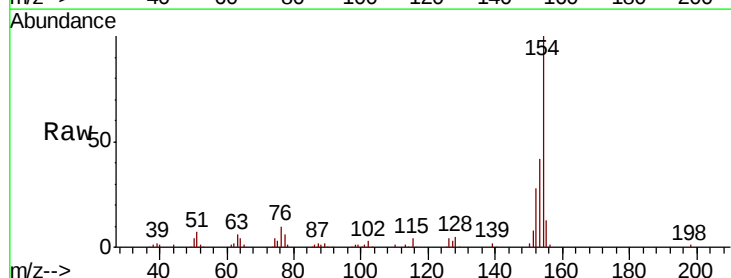
Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 181937
Ion Ratio Lower Upper
172 100
171 35.6 30.7 46.1
170 23.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 10.073 ng
RT: 13.62 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:154 Resp: 103751
Ion Ratio Lower Upper
154 100
153 42.0 23.2 63.2
76 10.4 0.0 31.7

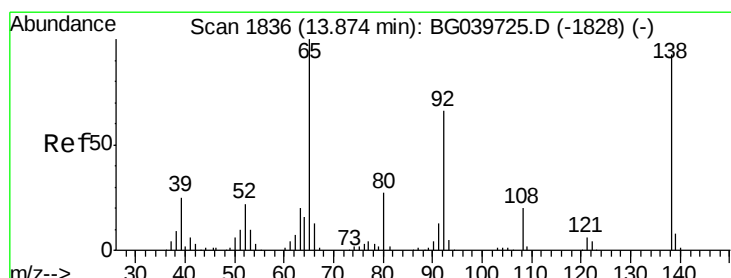
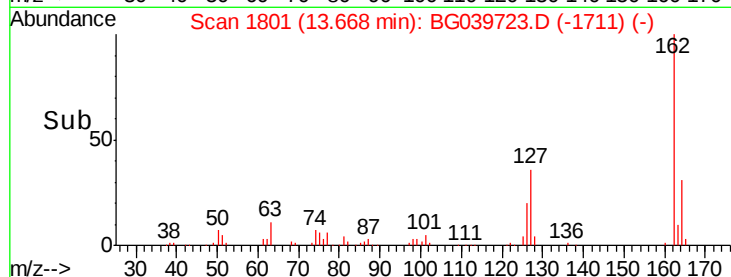
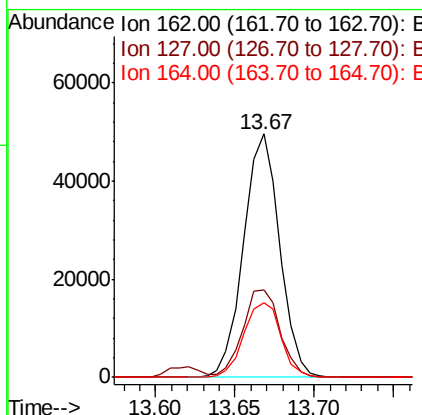
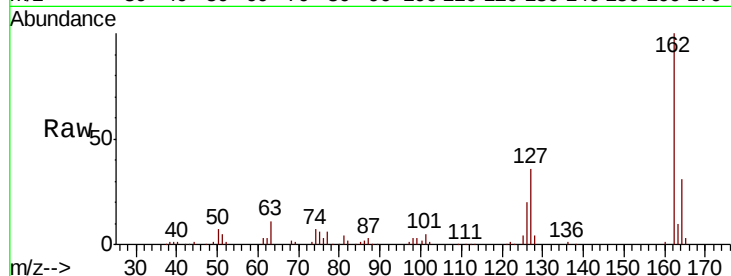




#47
 2-Chloronaphthalene
 Concen: 10.116 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG039723.D
 Acq: 4 Mar 2019 9:41

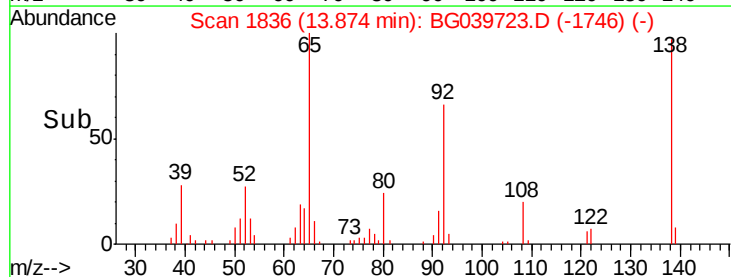
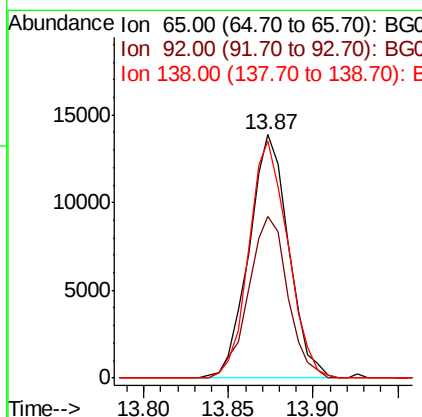
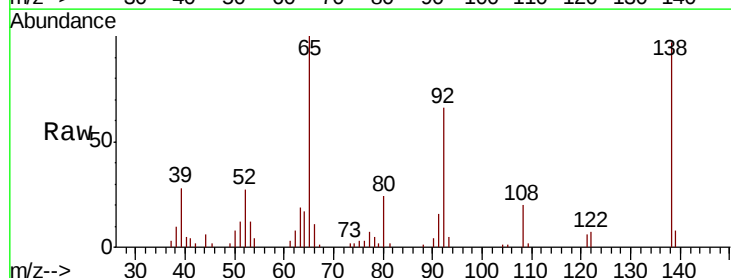
Instrument :
 BNA_G
 ClientSampleId :

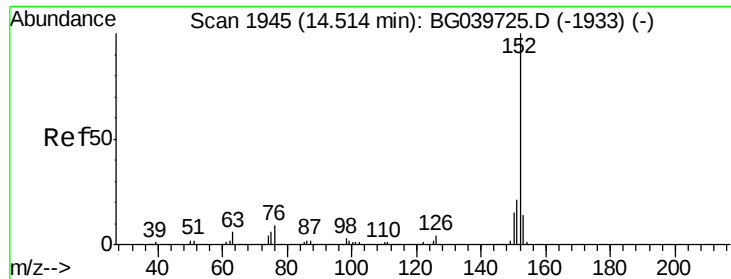
Tot Ion:162 Resp: 78384
 Ion Ratio Lower Upper
 162 100
 127 35.7 30.7 46.1
 164 30.7 27.6 41.4



#48
 2-Nitroaniline
 Concen: 11.504 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BG039723.D
 Acq: 4 Mar 2019 9:41

Tgt Ion: 65 Resp: 22623
 Ion Ratio Lower Upper
 65 100
 92 66.4 52.6 79.0
 138 97.3 74.6 111.8





#49

Acenaphthylene

Concen: 11.143 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampled :

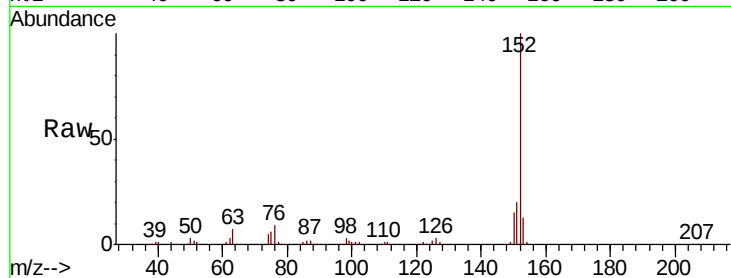
Tot Ion:152 Resp: 130288

Ion Ratio Lower Upper

152 100

151 20.1 16.7 25.1

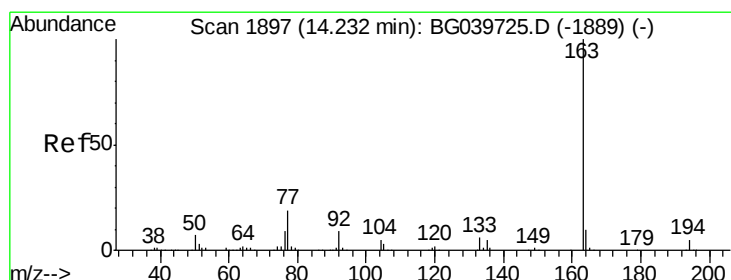
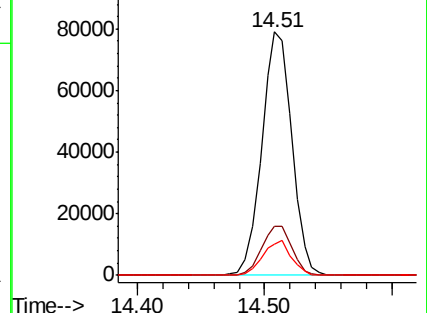
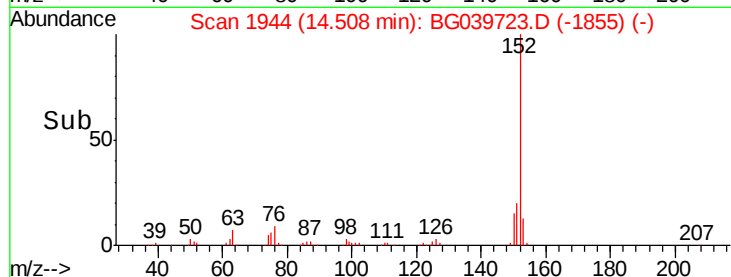
153 12.7 11.1 16.7



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: 10.543 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

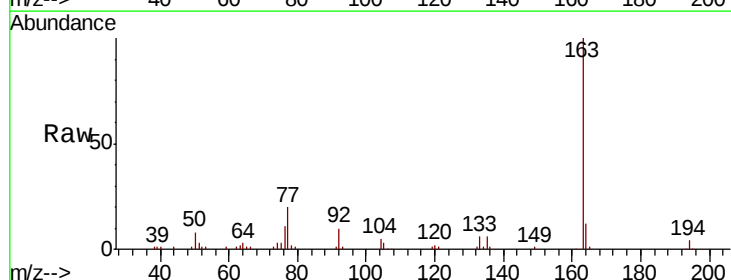
Tgt Ion:163 Resp: 105414

Ion Ratio Lower Upper

163 100

194 4.4 3.6 5.4

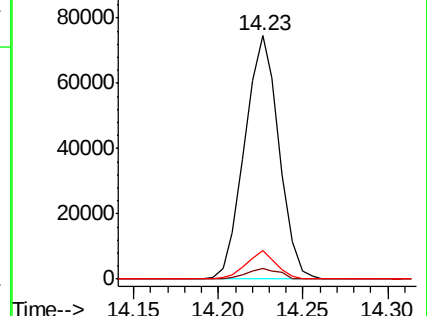
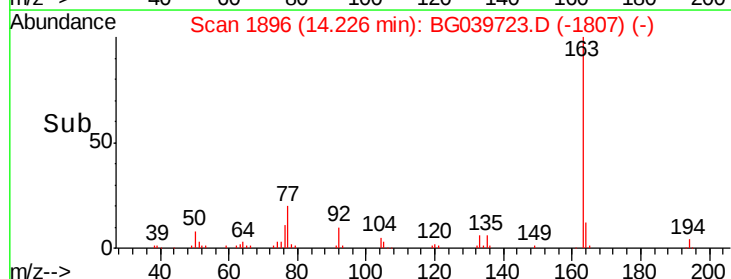
164 11.7 8.2 12.2



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

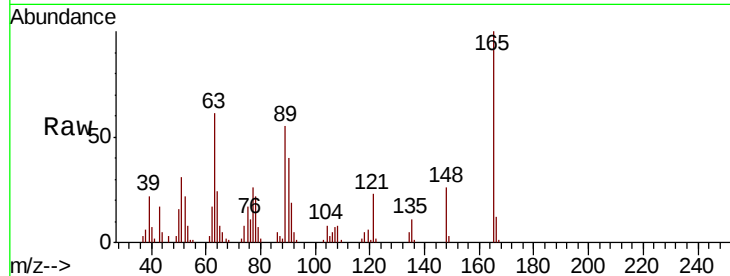




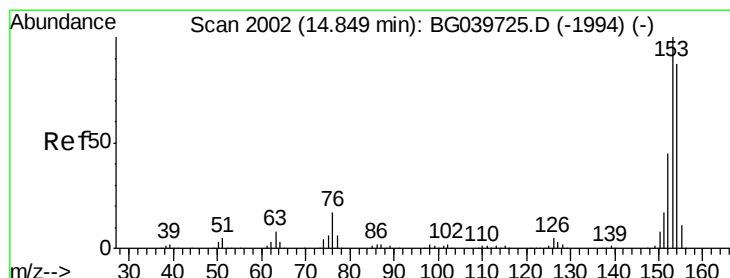
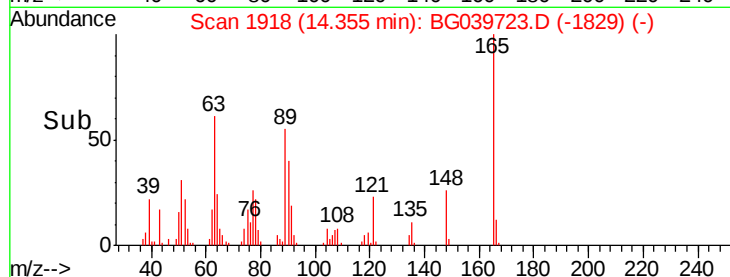
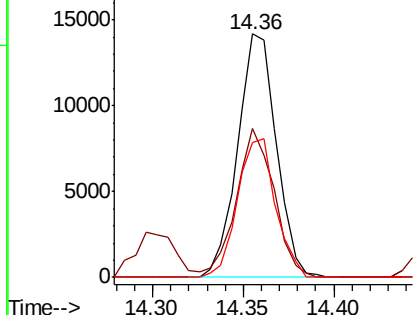
#51
 2,6-Dinitrotoluene
 Concen: 12.445 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039723.D
 Acq: 4 Mar 2019 9:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	165	Resp	21030
Ion Ratio	Lower	Upper	
165	100		
63	60.9	44.6	66.8
89	55.3	44.0	66.0

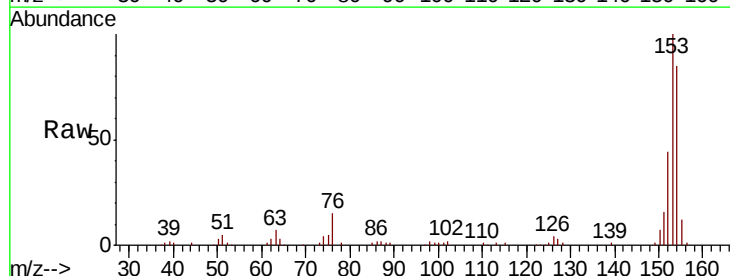


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 89.00 (88.70 to 89.70): BGO

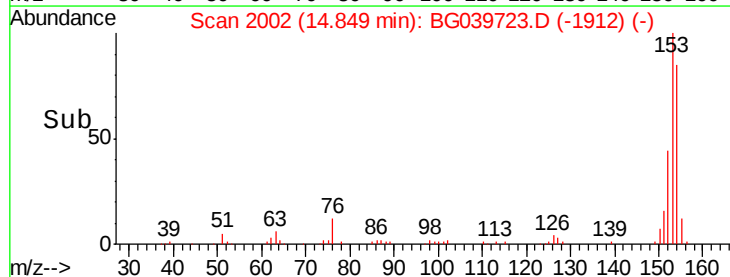
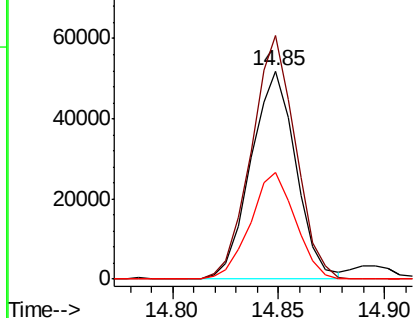


#52
 Acenaphthene
 Concen: 10.141 ng
 RT: 14.85 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: BG039723.D
 Acq: 4 Mar 2019 9:41

Tgt Ion	154	Resp	76963
Ion Ratio	Lower	Upper	
154	100		
153	117.1	92.2	138.4
152	51.4	41.6	62.4



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





#53

3-Nitroaniline

Concen: 11.327 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

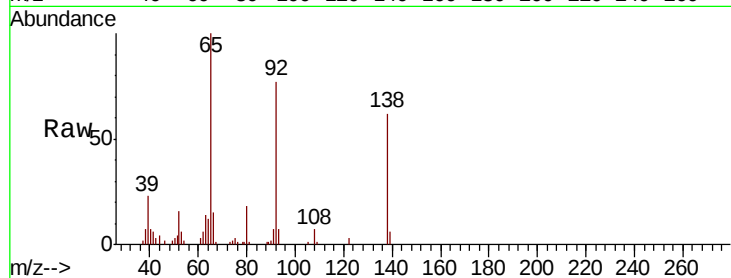
Tot Ion:138 Resp: 20915

Ion Ratio Lower Upper

138 100

108 10.9 10.0 15.0

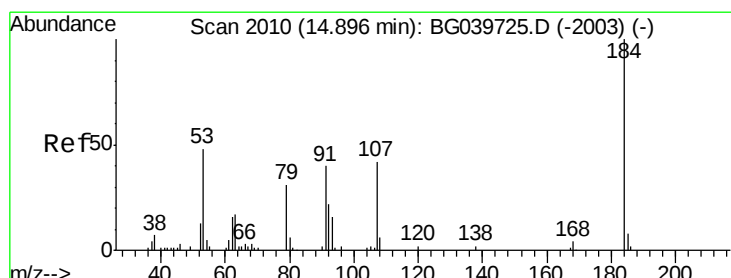
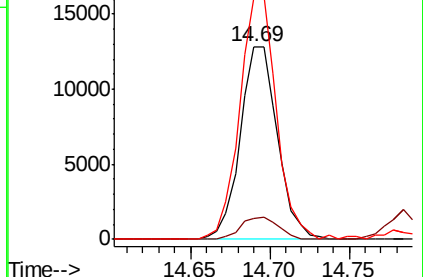
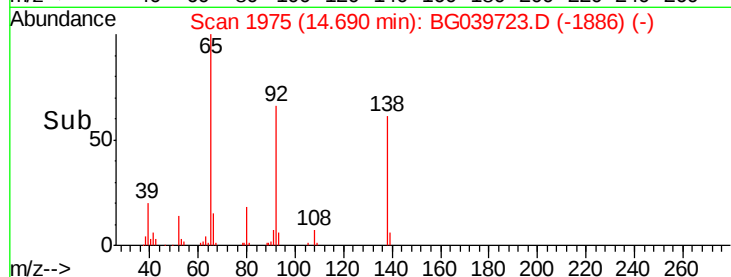
92 125.2 95.7 143.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 13.104 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

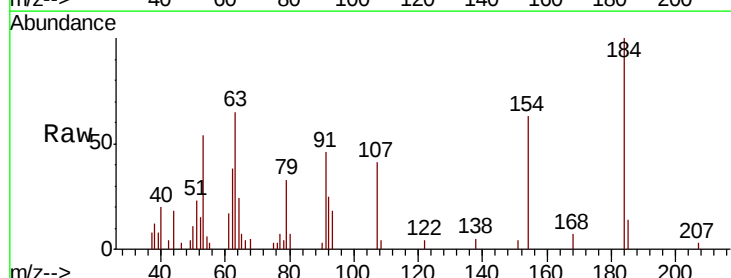
Tgt Ion:184 Resp: 8309

Ion Ratio Lower Upper

184 100

63 64.7 47.4 71.0

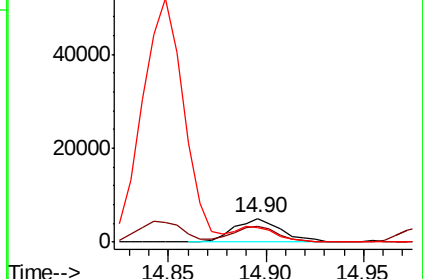
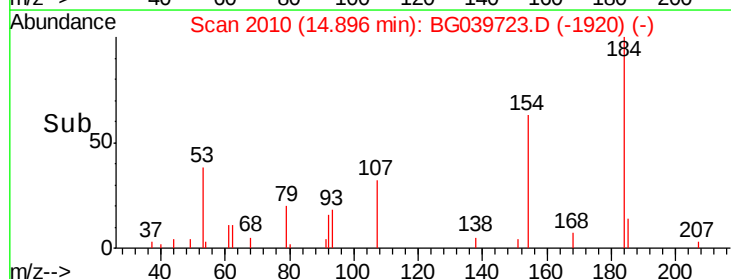
154 63.4 50.1 75.1

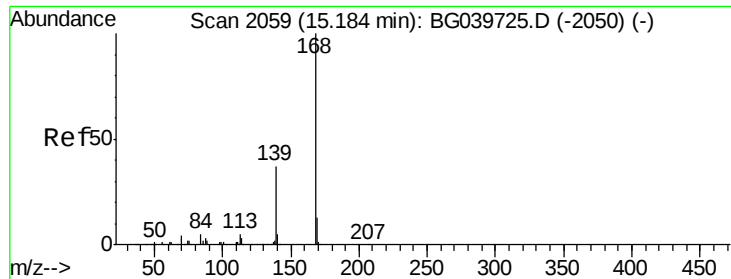


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

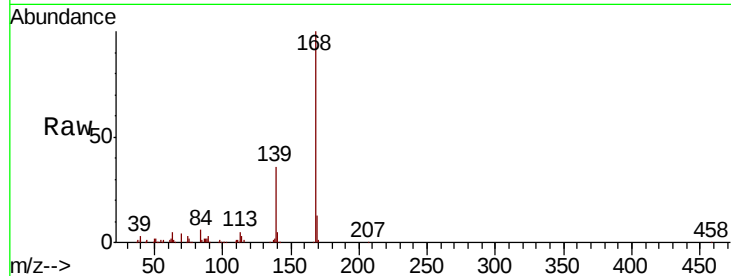




#55
Dibenzenofuran
Concen: 10.682 ng
RT: 15.18 min Scan# 2058
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.1	29.8	44.6
169	12.7	10.6	16.0

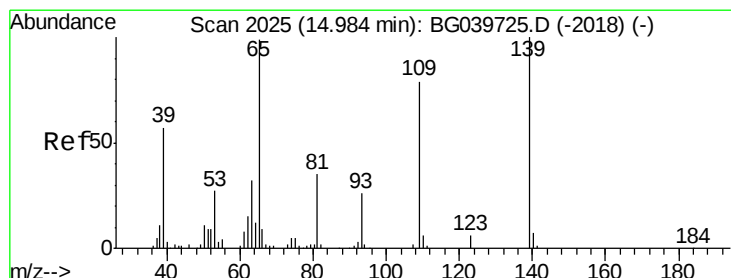
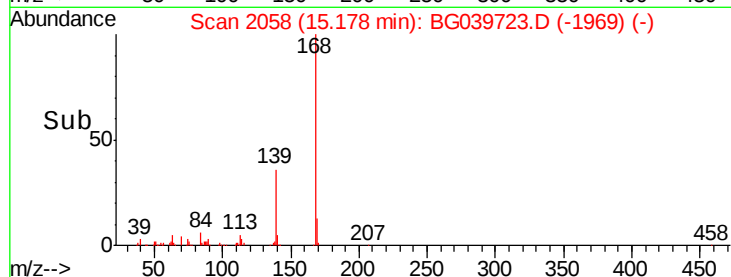
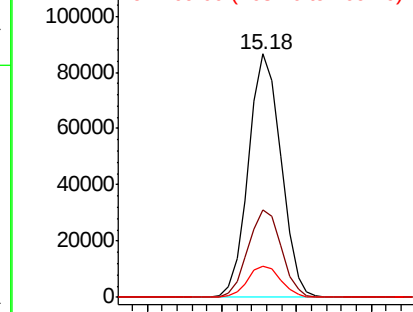


Abundance

Ion 168.00 (167.70 to 168.70): E

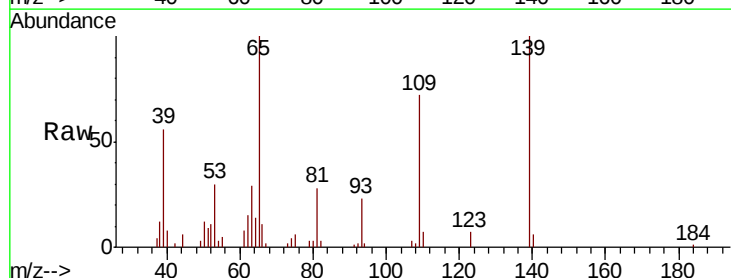
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 10.939 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.3	58.7	98.7
65	100.4	79.3	119.3

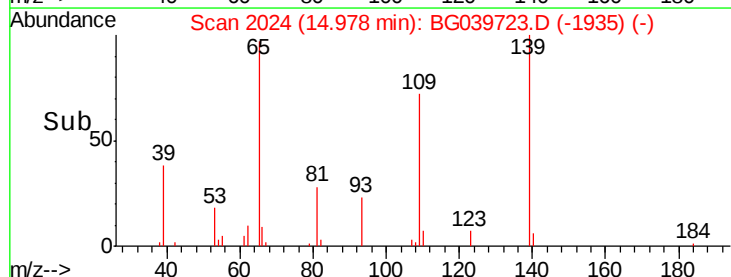
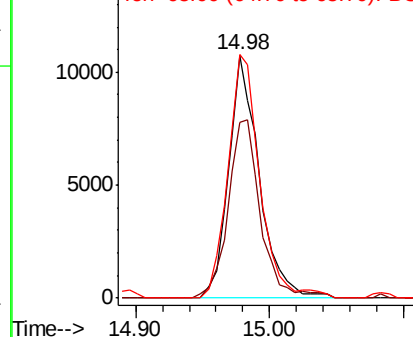


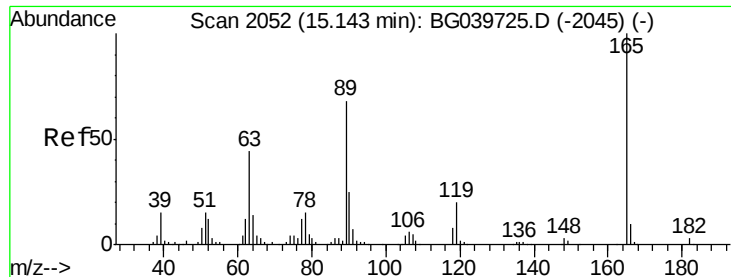
Abundance

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

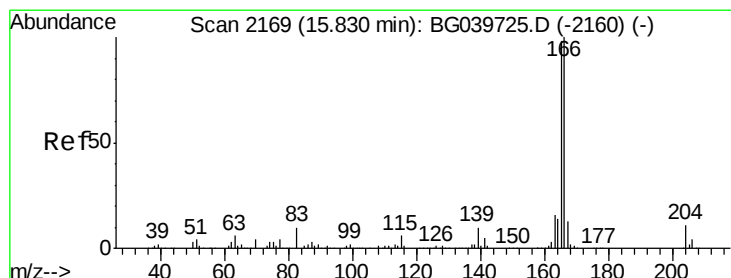
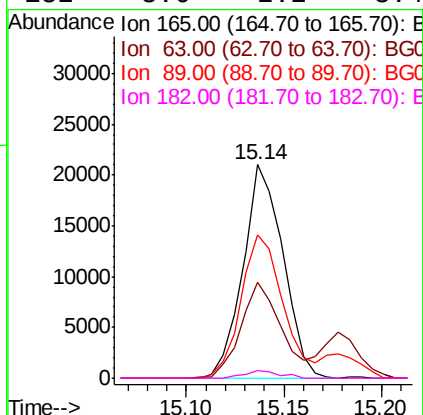
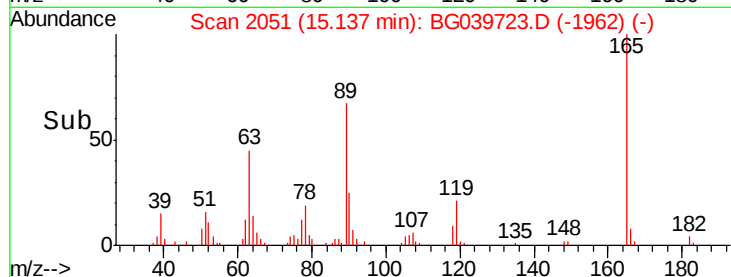
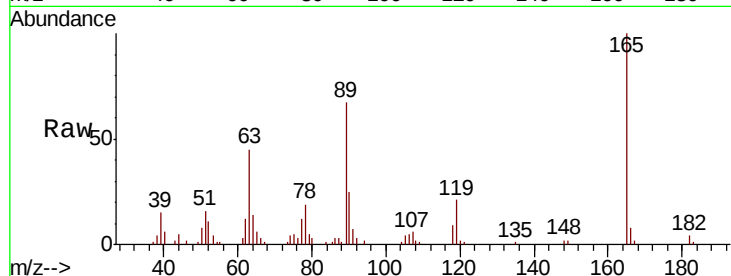




#57
2,4-Dinitrotoluene
Concen: 14.001 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

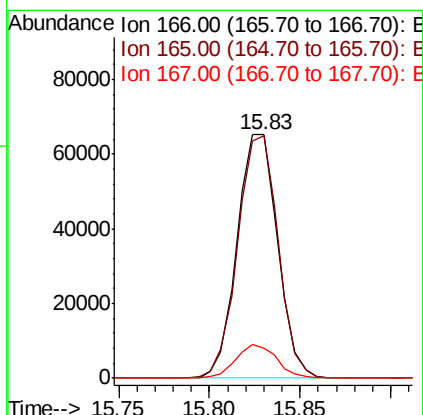
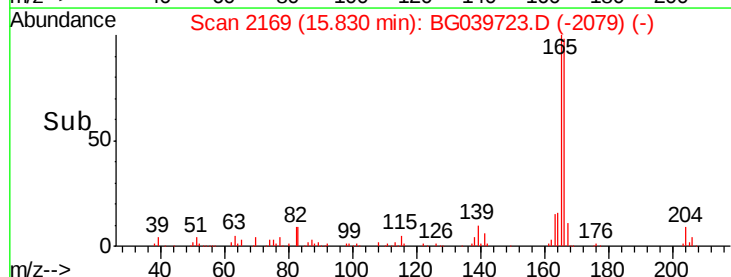
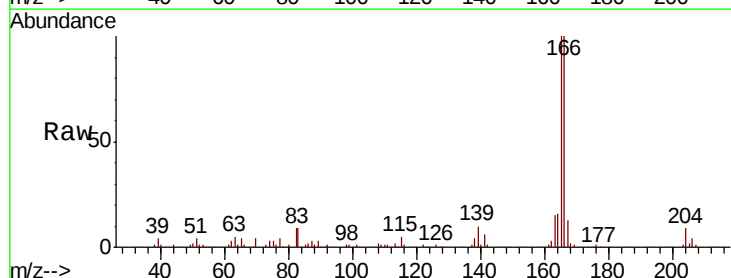
Instrument :
BNA_G
ClientSampleId :

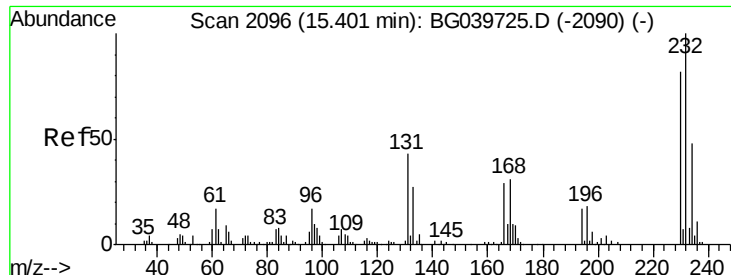
Tot Ion:165 Resp: 29817
Ion Ratio Lower Upper
165 100
63 45.0 35.4 53.0
89 67.4 54.1 81.1
182 3.6 2.2 3.4#



#58
Fluorene
Concen: 11.217 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:166 Resp: 101749
Ion Ratio Lower Upper
166 100
165 99.8 78.5 117.7
167 12.5 10.6 15.8





#59

2,3,4,6-Tetrachlorophenol

Concen: 11.072 ng

RT: 15.40 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 26313

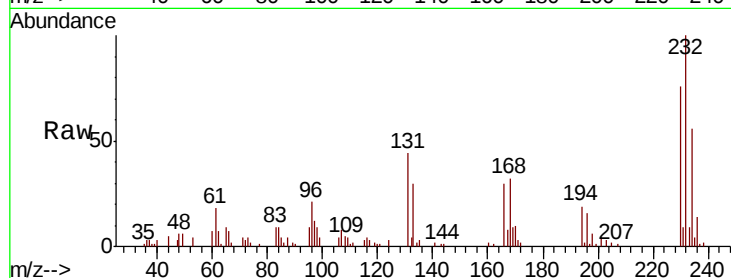
Ion Ratio Lower Upper

232 100

131 38.9 32.6 49.0

130 1.1 2.0 3.0#

166 30.8 22.9 34.3

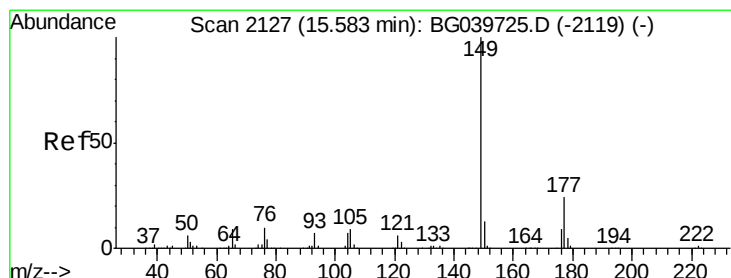
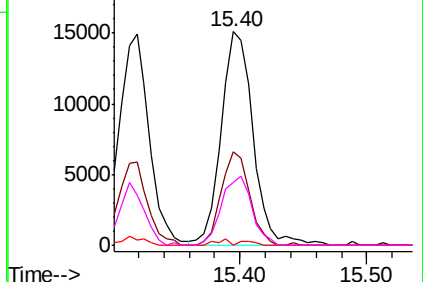
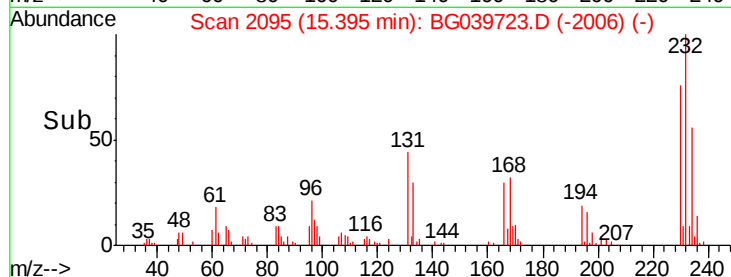


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 10.116 ng

RT: 15.58 min Scan# 2126

Delta R.T. -0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

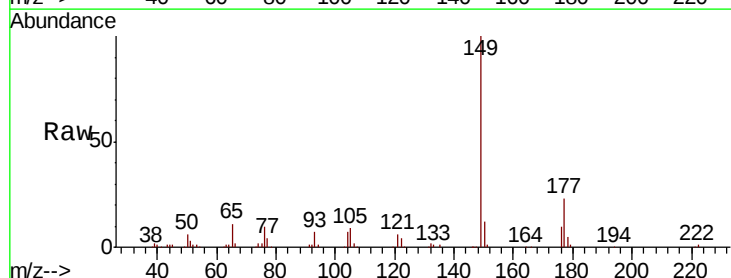
Tgt Ion:149 Resp: 104573

Ion Ratio Lower Upper

149 100

177 22.6 18.9 28.3

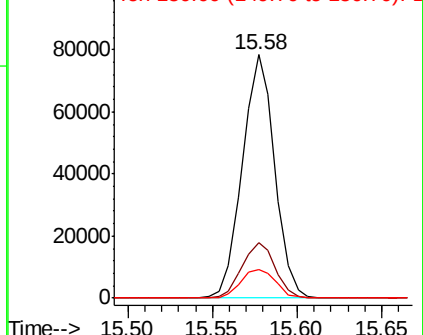
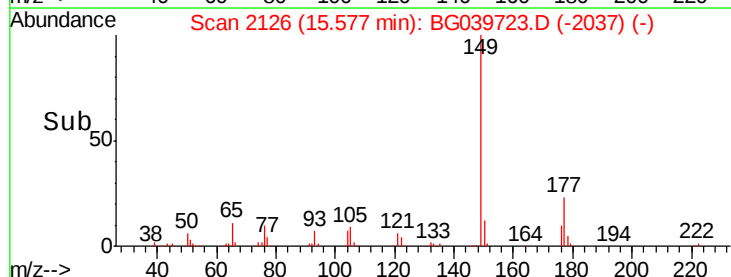
150 11.6 10.3 15.5



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

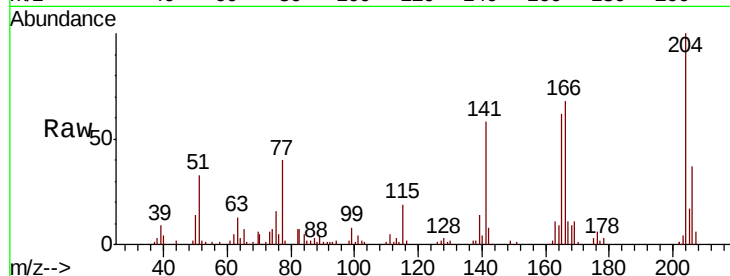




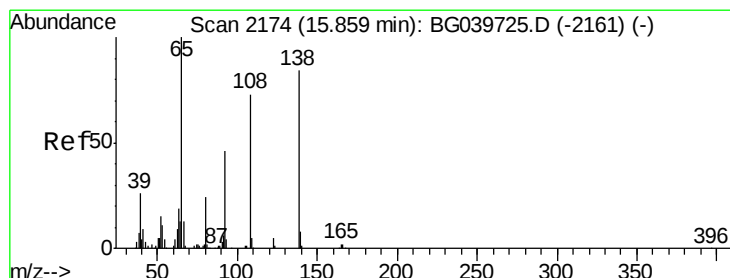
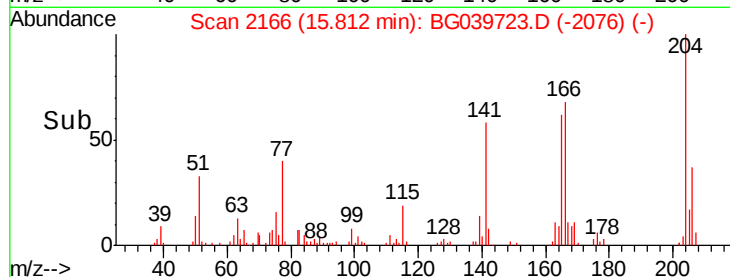
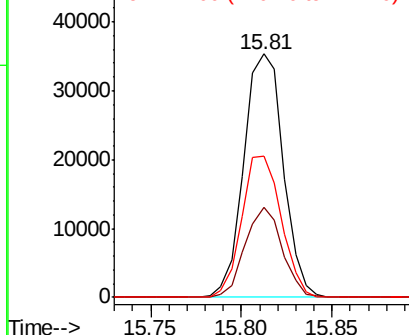
#61
4-Chlorophenyl-phenylether
Concen: 10.365 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 53237
Ion Ratio Lower Upper
204 100
206 37.2 27.0 40.4
141 58.0 46.4 69.6

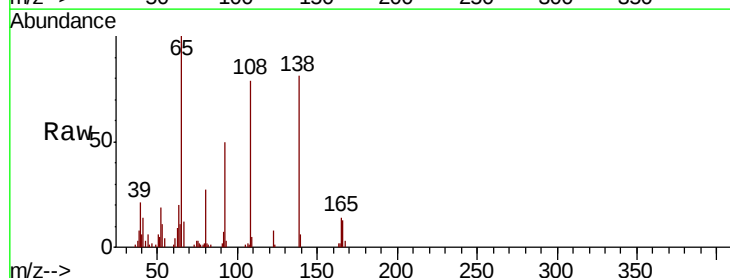


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

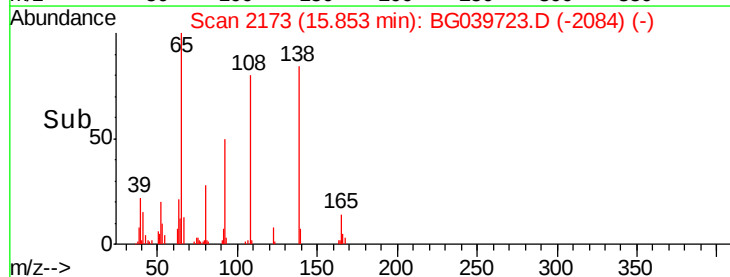
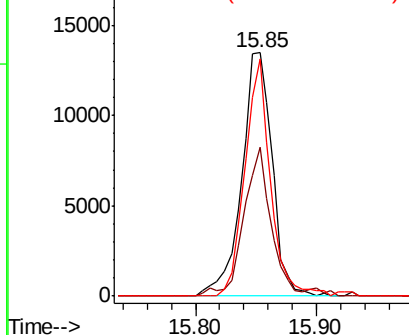


#62
4-Nitroaniline
Concen: 12.094 ng
RT: 15.85 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:138 Resp: 23697
Ion Ratio Lower Upper
138 100
92 61.3 34.9 74.9
108 97.2 67.5 107.5



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: 9.504 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 96022

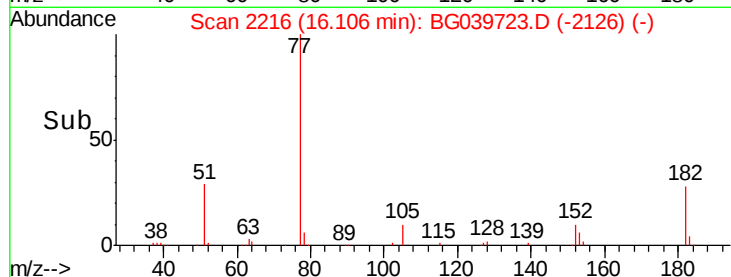
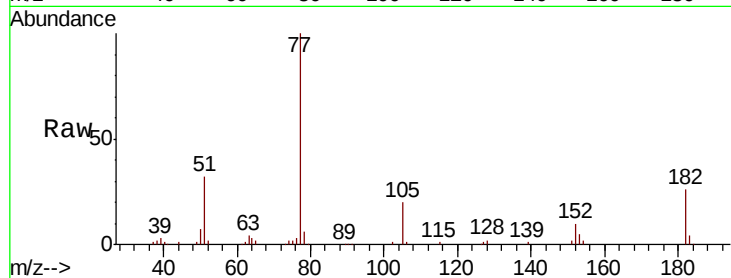
Ion Ratio Lower Upper

77 100

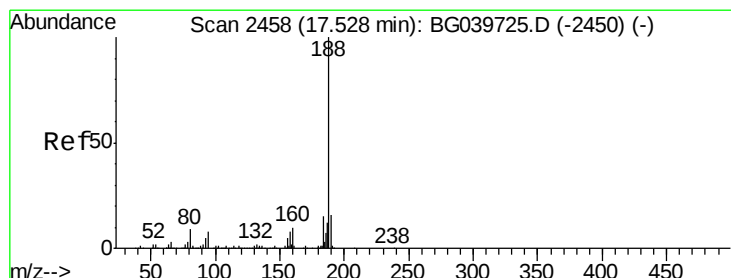
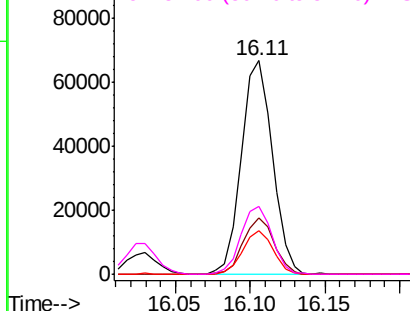
182 26.4 8.9 48.9

105 20.3 0.9 40.9

51 32.0 12.4 52.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

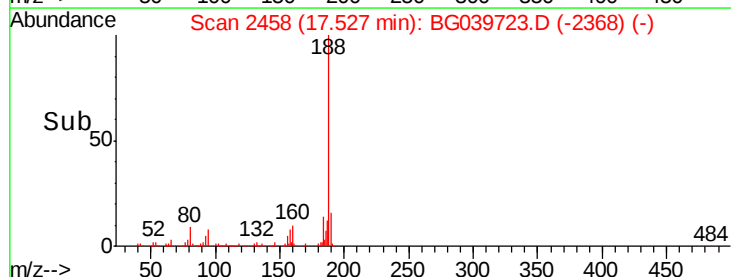
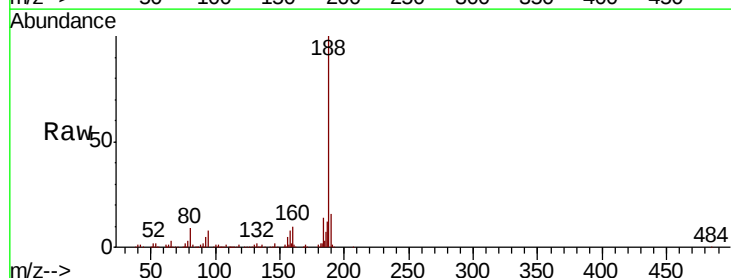
Tgt Ion: 188 Resp: 306062

Ion Ratio Lower Upper

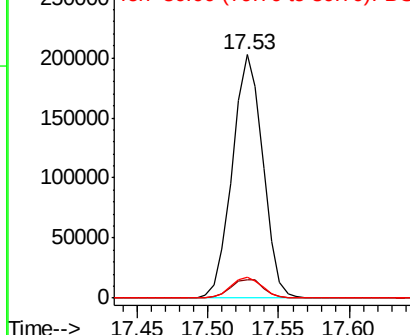
188 100

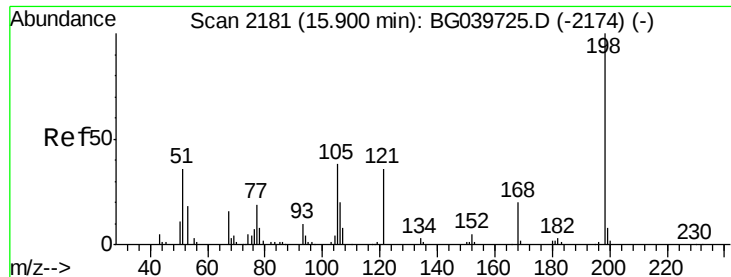
94 7.8 6.0 9.0

80 8.8 7.4 11.0



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

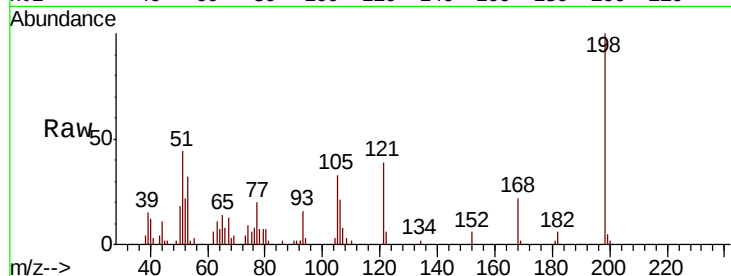




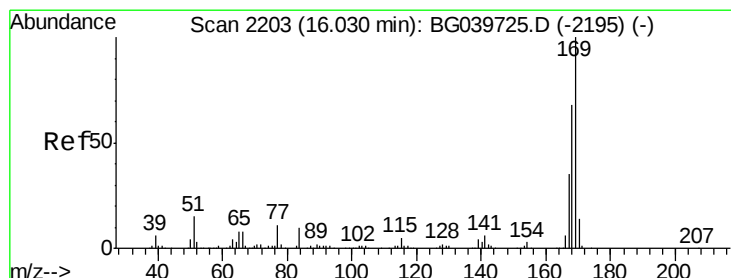
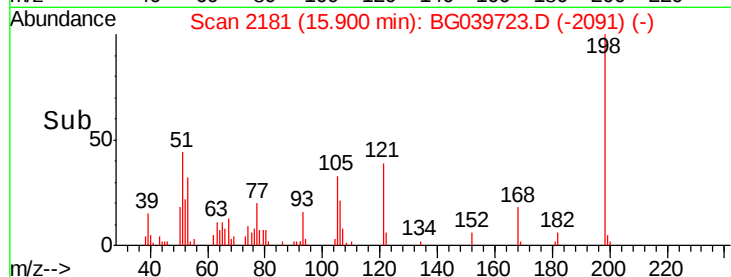
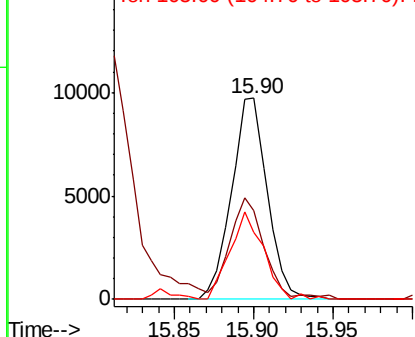
#65
4,6-Dinitro-2-methylphenol
Concen: 13.515 ng
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 15202
Ion Ratio Lower Upper
198 100
51 43.9 24.4 64.4
105 33.2 19.4 59.4

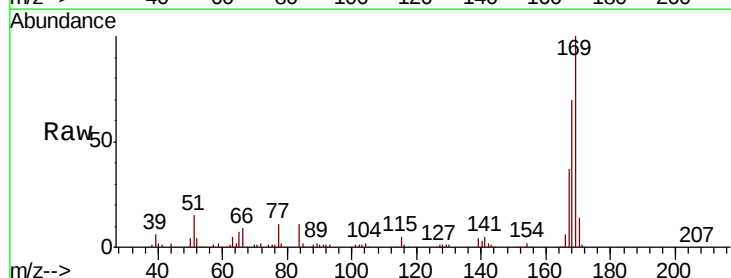


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

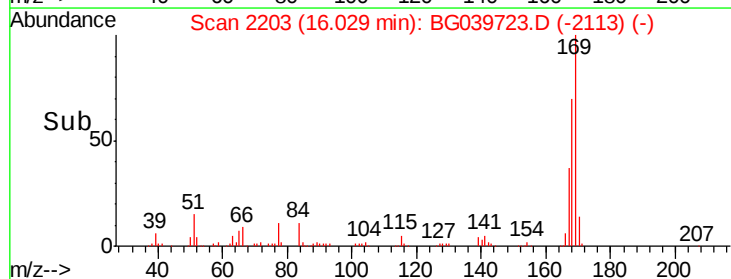
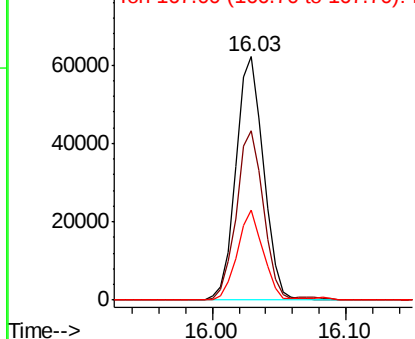


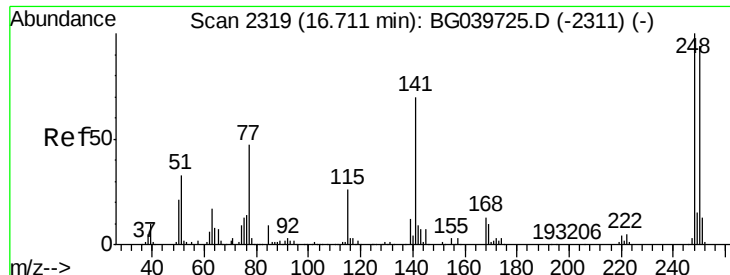
#66
n-Nitrosodiphenylamine
Concen: 9.569 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:169 Resp: 89051
Ion Ratio Lower Upper
169 100
168 69.7 54.8 82.2
167 36.7 28.0 42.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

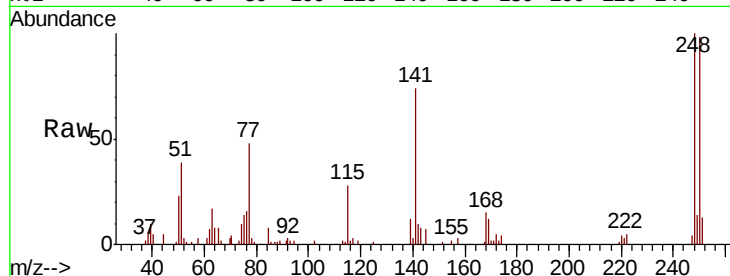




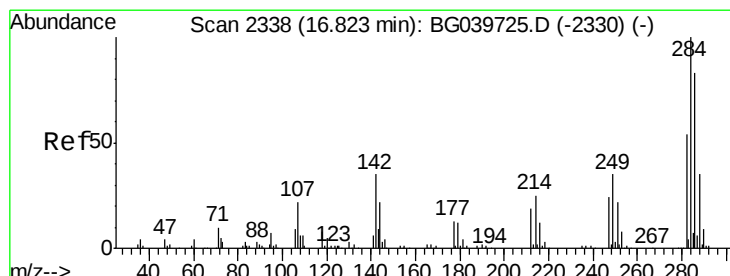
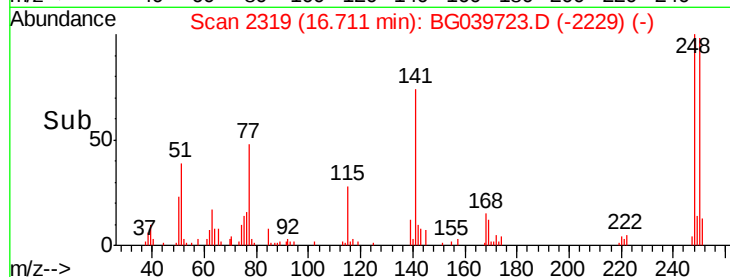
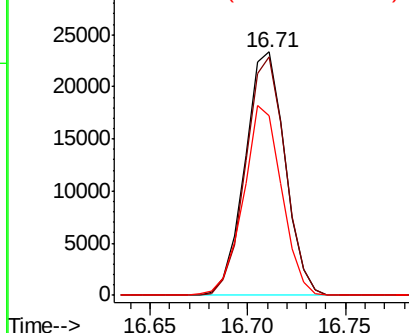
#67
4-Bromophenyl-phenylether
Concen: 9.763 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 33151
Ion Ratio Lower Upper
248 100
250 98.1 75.2 112.8
141 73.9 55.8 83.6

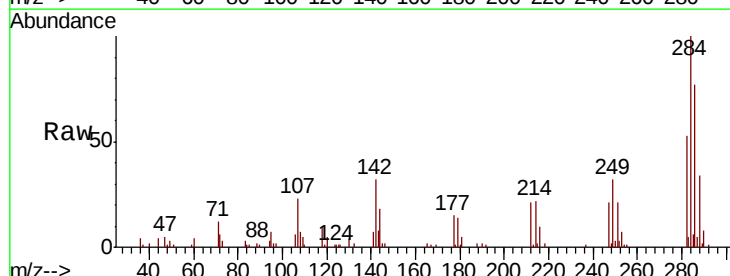


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

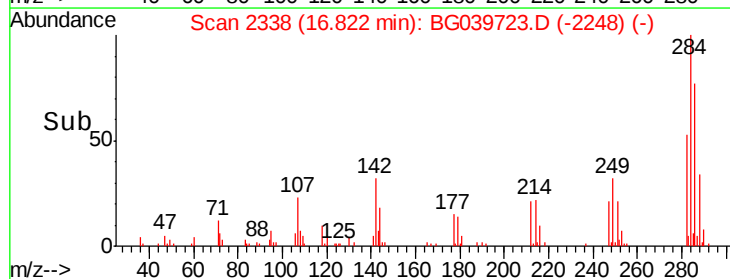
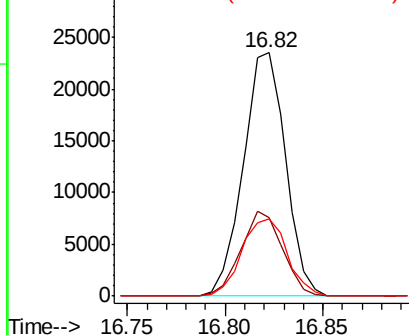


#68
Hexachlorobenzene
Concen: 10.333 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:284 Resp: 35199
Ion Ratio Lower Upper
284 100
142 32.4 28.2 42.2
249 31.8 28.2 42.4



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: 10.064 ng

RT: 16.96 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

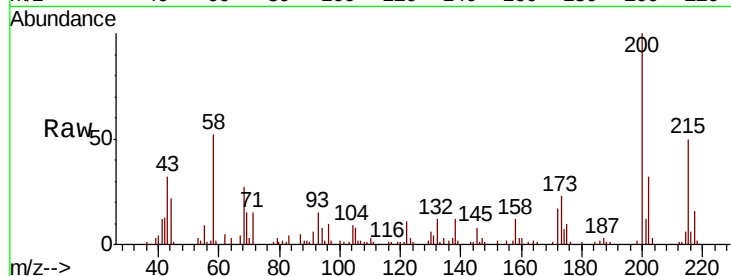
Tot Ion:200 Resp: 34225

Ion Ratio Lower Upper

200 100

173 23.0 4.8 44.8

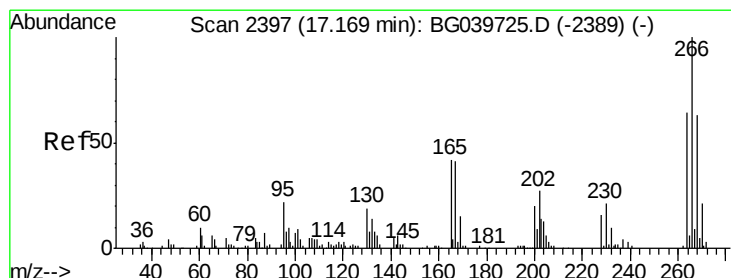
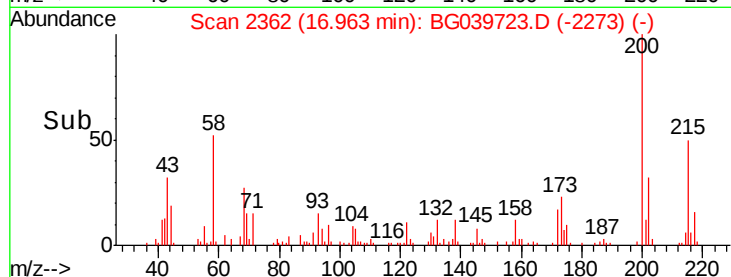
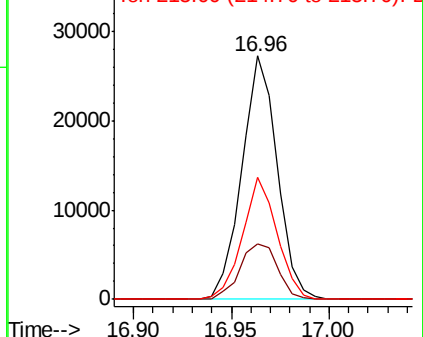
215 50.2 29.1 69.1



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: 7.567 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

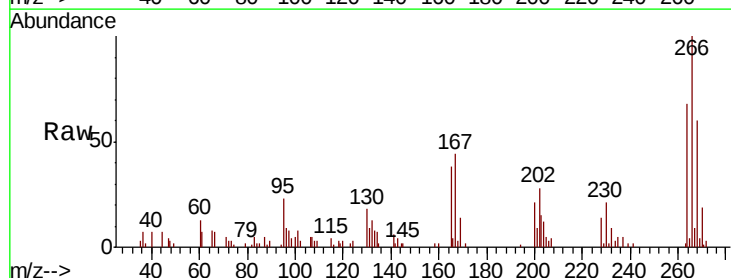
Tgt Ion:266 Resp: 17916

Ion Ratio Lower Upper

266 100

268 59.9 50.5 75.7

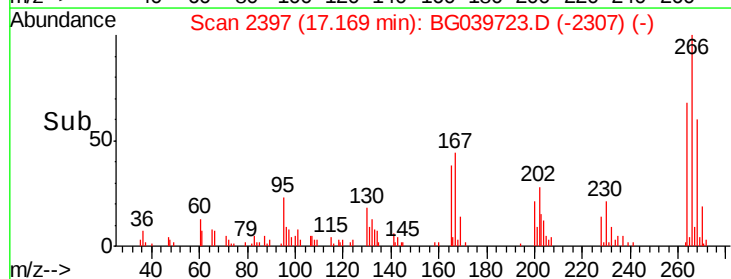
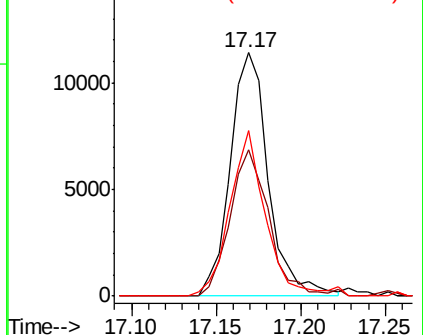
264 68.0 51.3 76.9

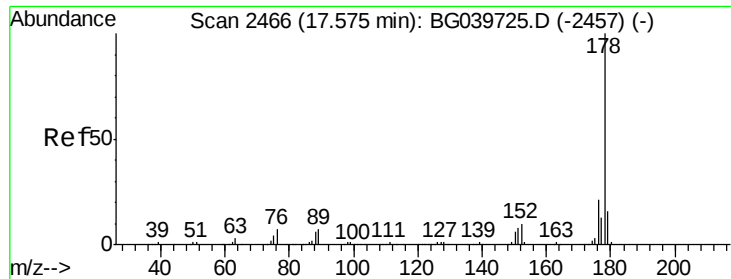


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

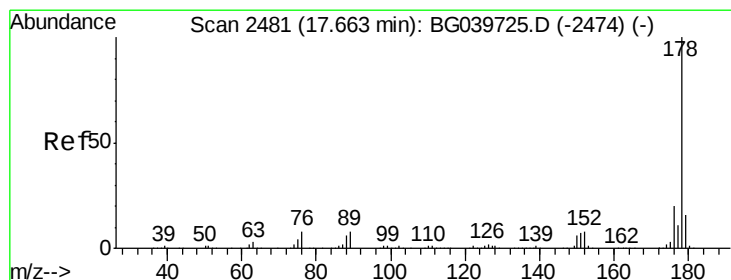
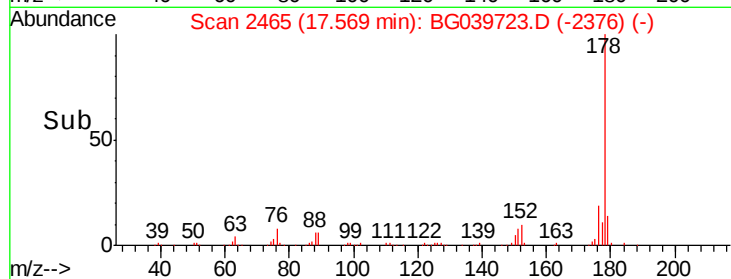
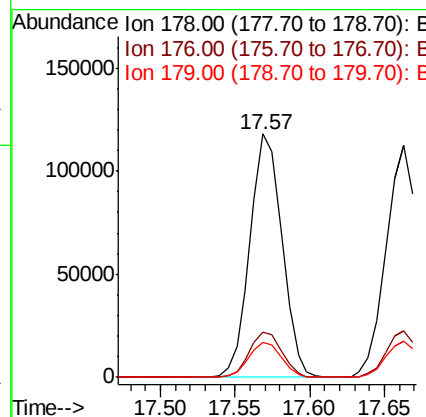
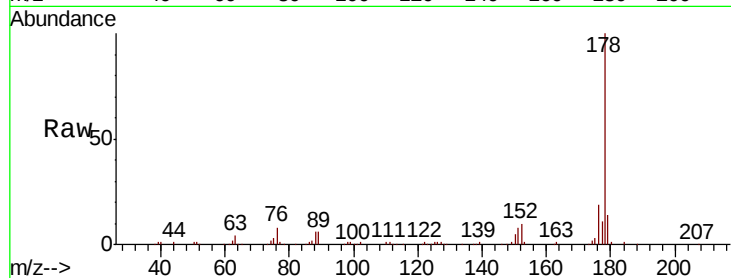




#71
Phenanthrene
Concen: 11.105 ng
RT: 17.57 min Scan# 2465
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

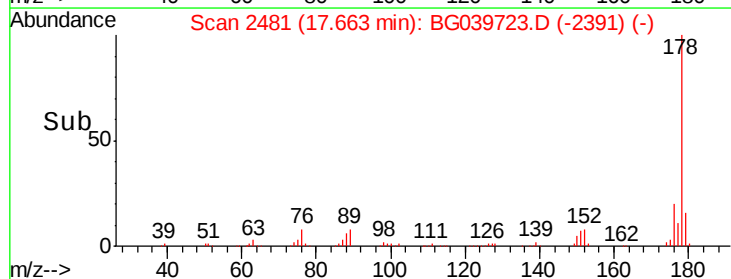
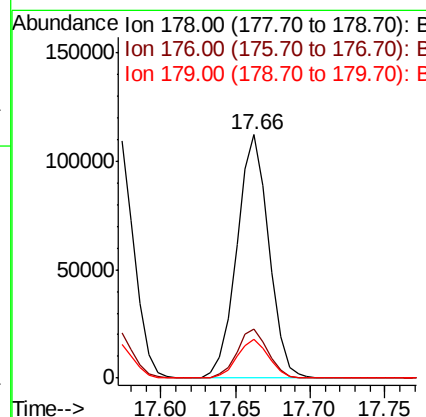
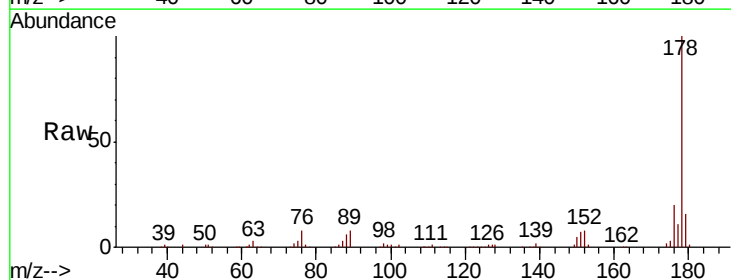
Instrument :
BNA_G
ClientSampleId :

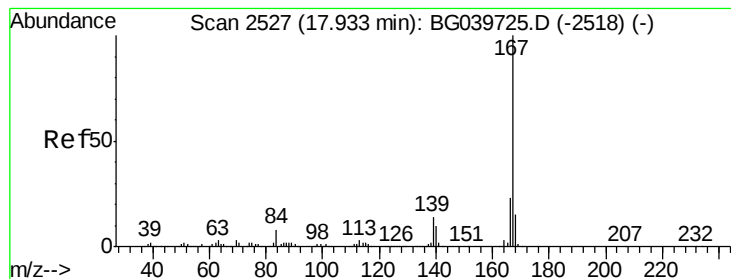
Tot Ion:178 Resp: 175917
Ion Ratio Lower Upper
178 100
176 18.7 16.5 24.7
179 14.5 12.8 19.2



#72
Anthracene
Concen: 10.735 ng
RT: 17.66 min Scan# 2481
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:178 Resp: 167502
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 15.8 12.8 19.2





#73

Carbazole

Concen: 9.821 ng

RT: 17.93 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

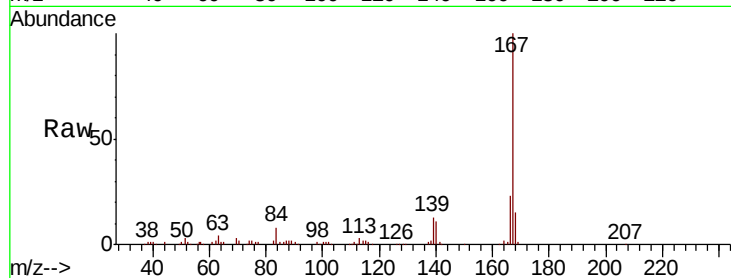
Tot Ion:167 Resp: 152926

Ion Ratio Lower Upper

167 100

166 23.2 18.4 27.6

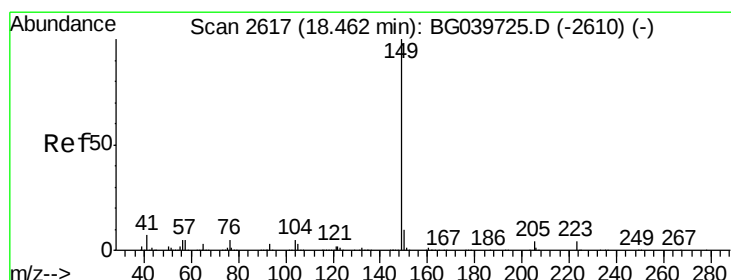
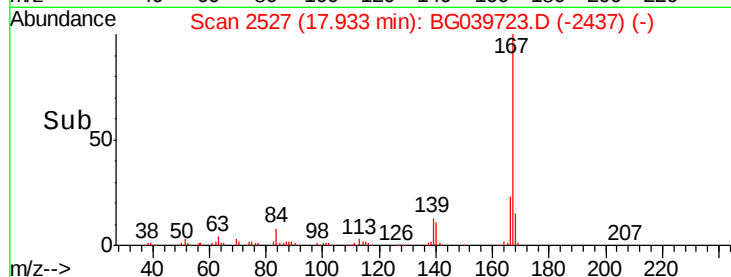
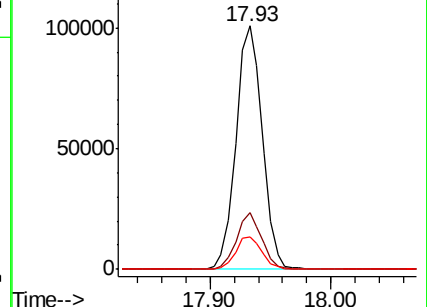
139 13.1 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 9.839 ng

RT: 18.46 min Scan# 2617

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

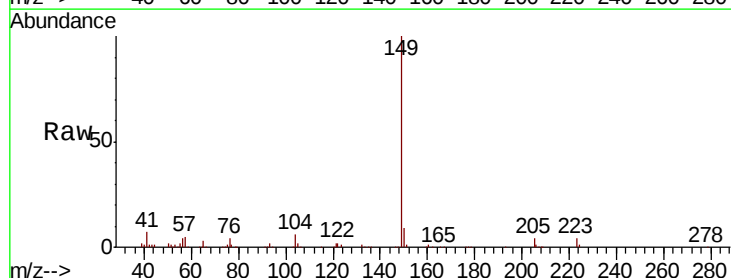
Tgt Ion:149 Resp: 178749

Ion Ratio Lower Upper

149 100

150 9.4 8.0 12.0

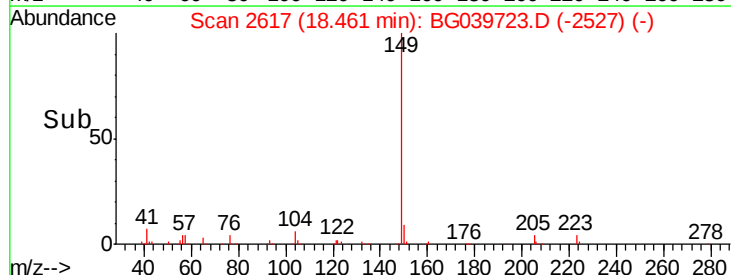
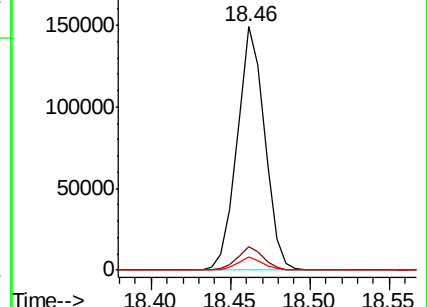
104 5.5 4.1 6.1

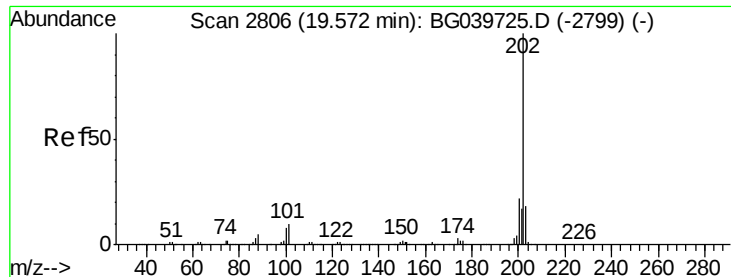


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 11.370 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BG039723.D

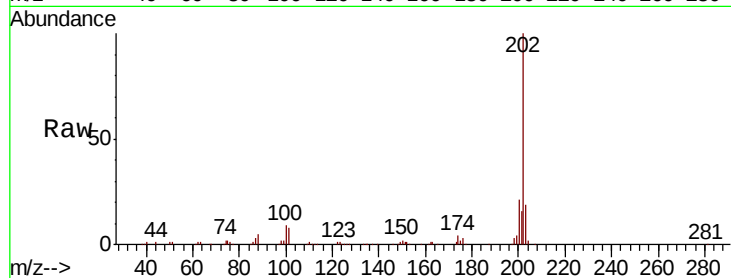
Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

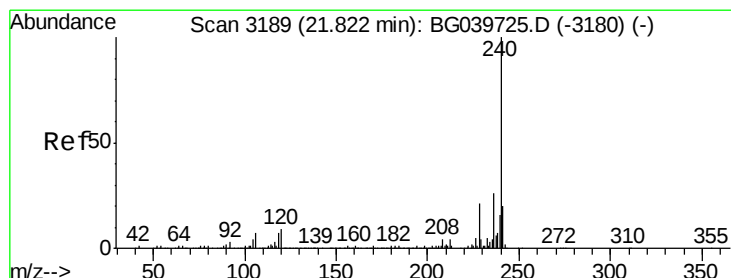
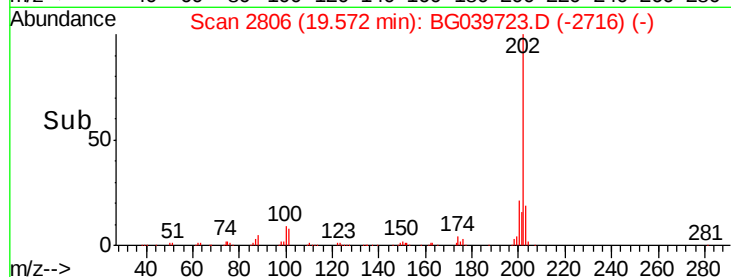
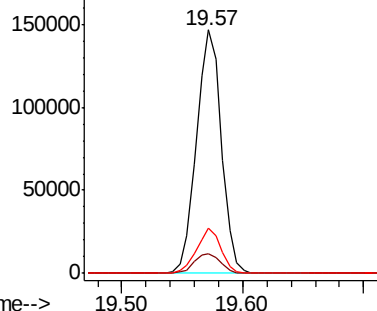
Tot Ion:	202	Resp:	209057
Ion Ratio	Lower	Upper	
202	100		
101	8.2	0.0	29.6
203	18.8	0.0	38.3



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

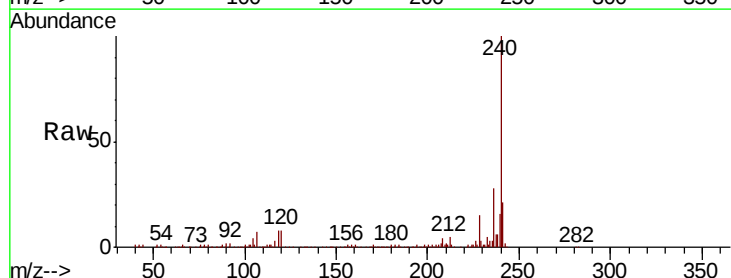
RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

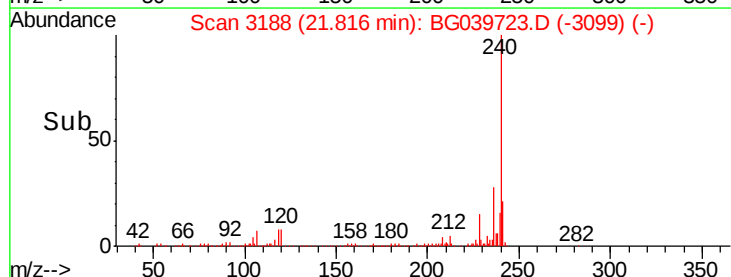
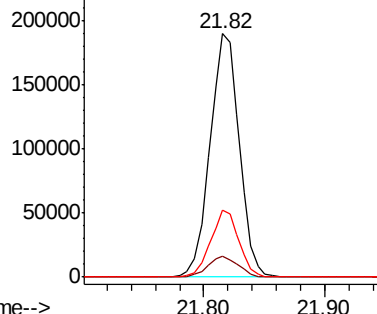
Tgt Ion:	240	Resp:	320628
Ion Ratio	Lower	Upper	
240	100		
120	8.4	6.9	10.3
236	27.7	20.9	31.3



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: 9.897 ng

RT: 19.75 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

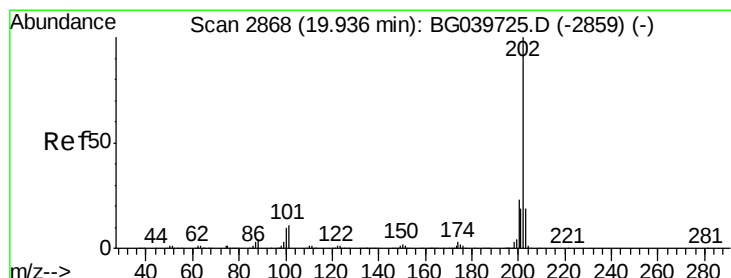
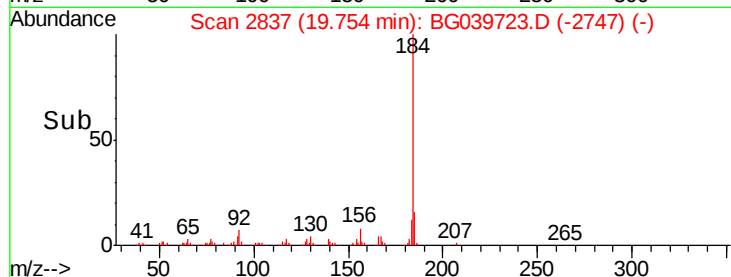
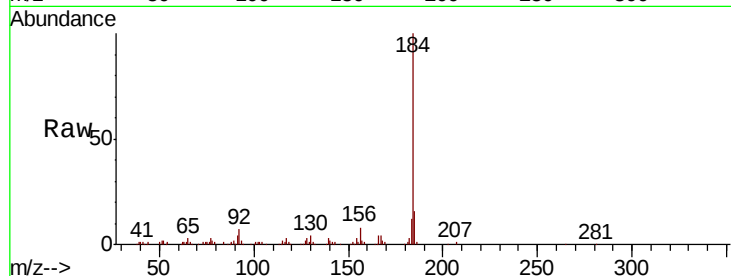
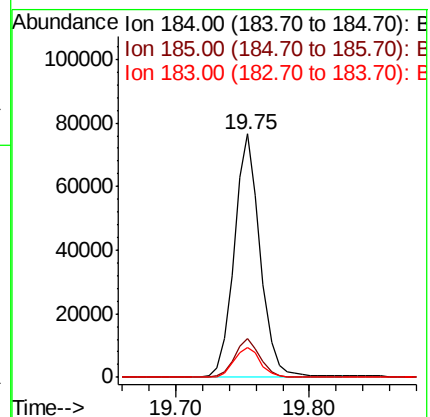
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 104039

Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.1	19.7
183	12.5	10.5	15.7



#78

Pyrene

Concen: 10.971 ng

RT: 19.94 min Scan# 2868

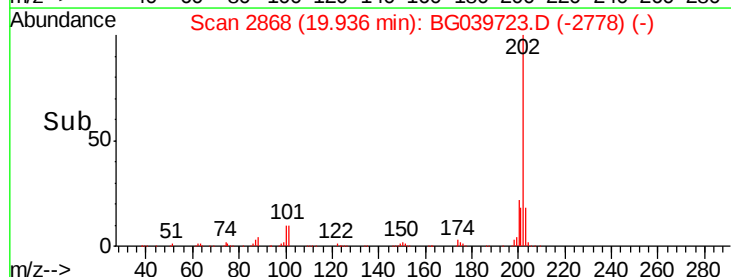
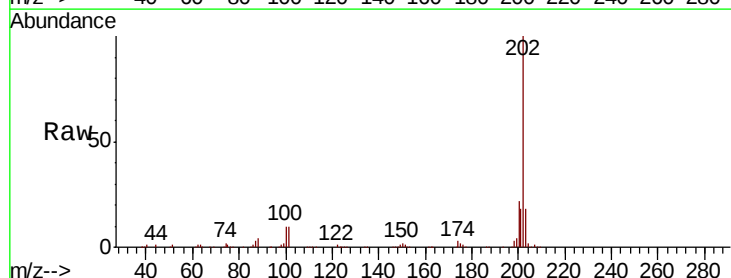
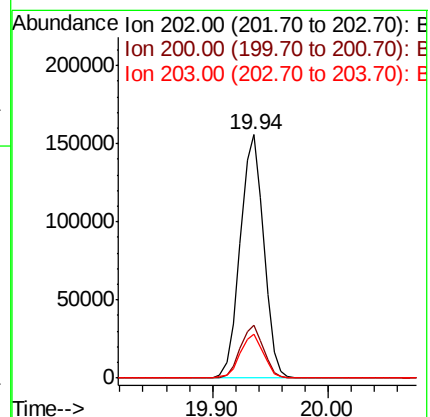
Delta R.T. -0.00 min

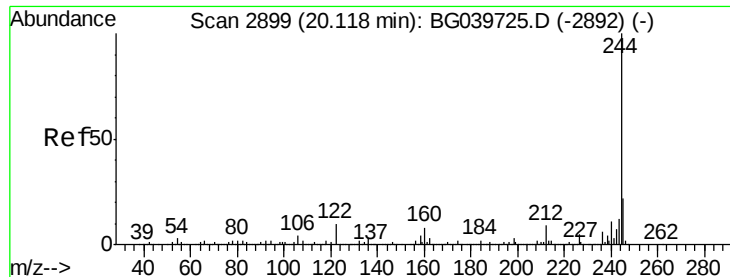
Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Tgt Ion:202 Resp: 218977

Ion	Ratio	Lower	Upper
202	100		
200	22.0	18.1	27.1
203	17.8	14.9	22.3





#79

Terphenyl-d14

Concen: 20.984 ng

RT: 20.12 min Scan# 2899

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

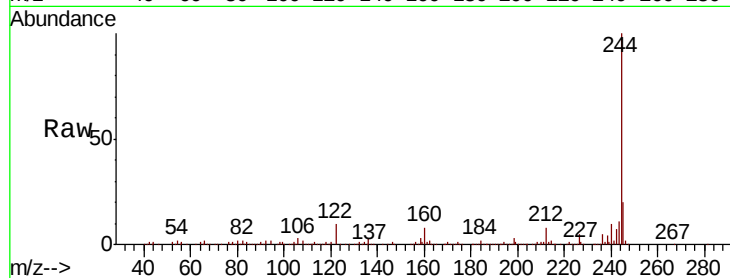
Tot Ion:244 Resp: 317854

Ion Ratio Lower Upper

244 100

212 7.9 7.4 11.0

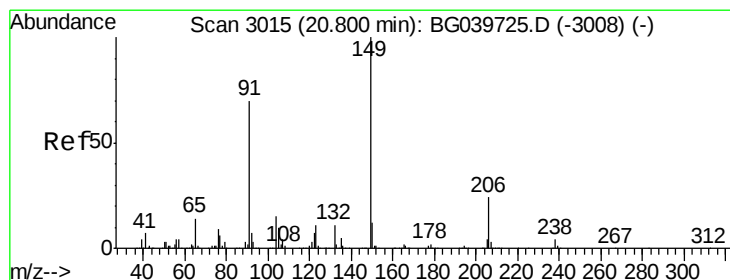
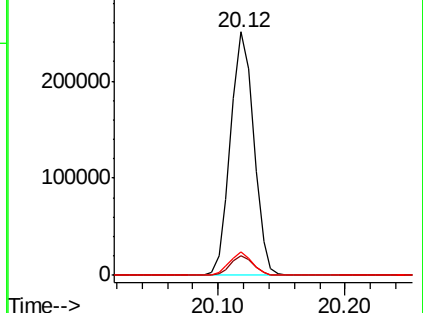
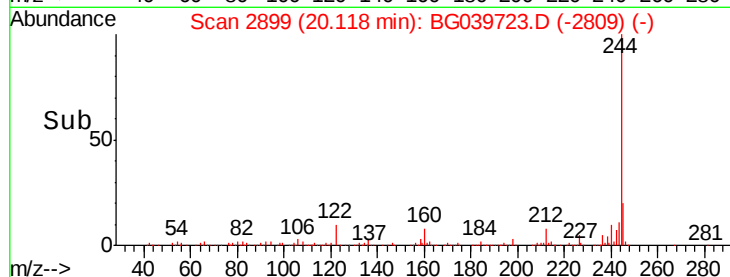
122 9.5 7.8 11.6



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: 9.095 ng

RT: 20.80 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

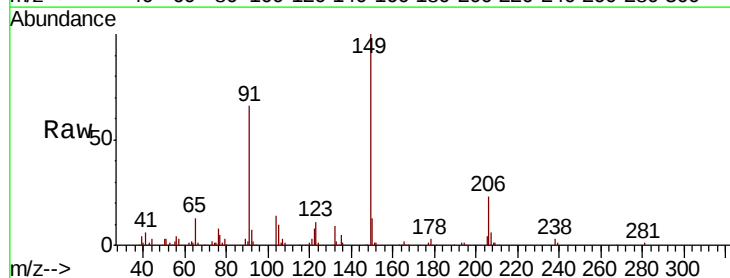
Tgt Ion:149 Resp: 76579

Ion Ratio Lower Upper

149 100

91 66.3 56.1 84.1

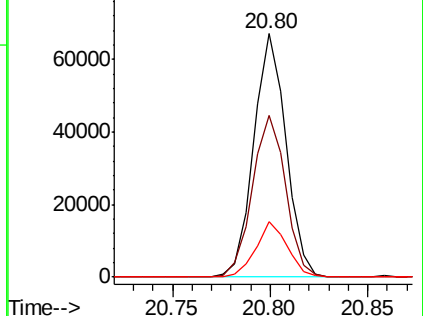
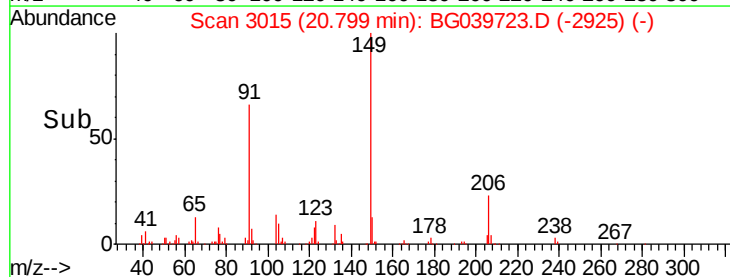
206 22.6 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.895 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampleId :

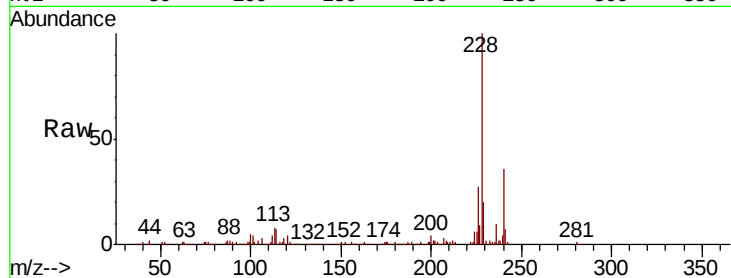
Tot Ion:228 Resp: 206412

Ion Ratio Lower Upper

228 100

226 27.2 23.0 34.4

229 19.6 17.0 25.4

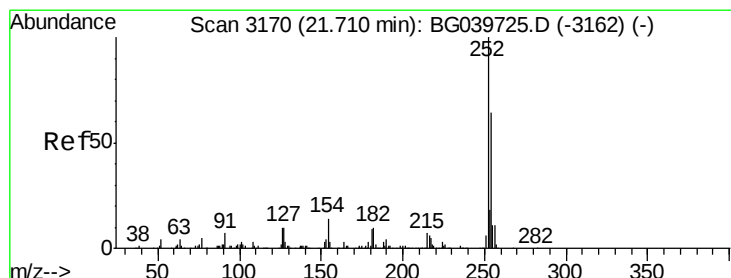
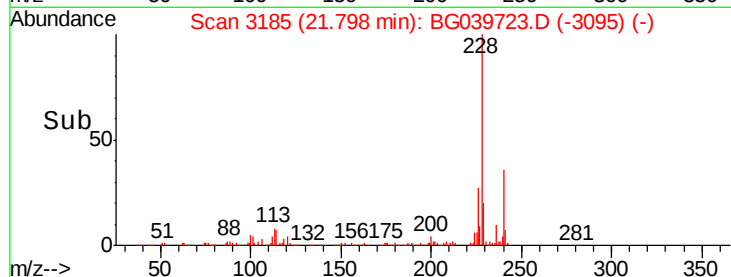
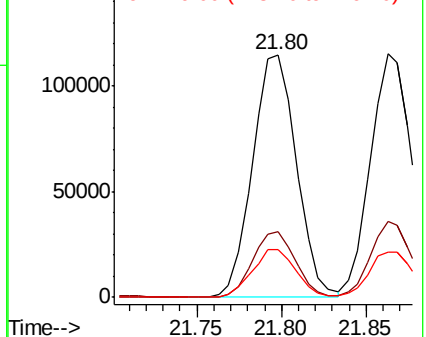


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.255 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

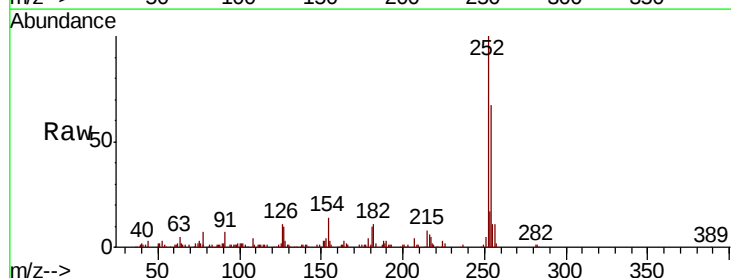
Tgt Ion:252 Resp: 72039

Ion Ratio Lower Upper

252 100

254 67.2 51.5 77.3

126 11.4 8.0 12.0

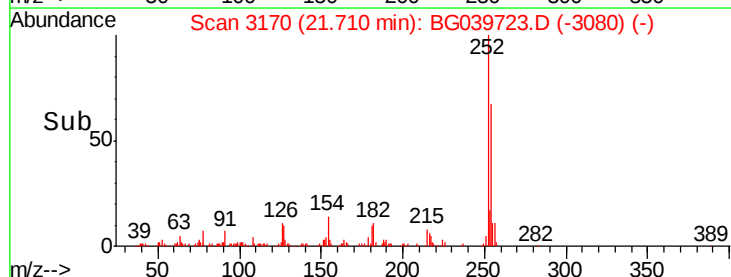
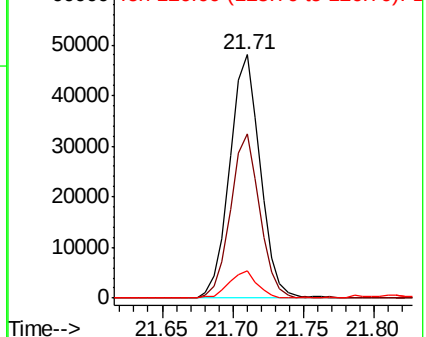


Abundance

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: 10.981 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

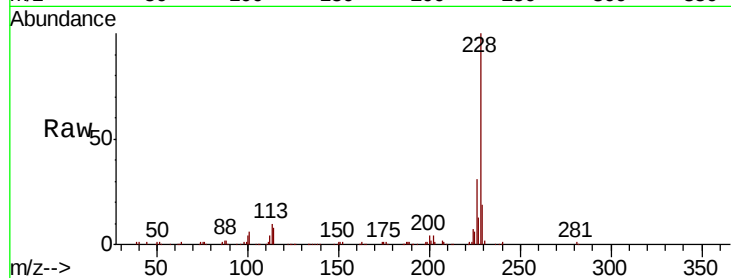
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 198039

Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.3	37.9
229	18.6	16.3	24.5

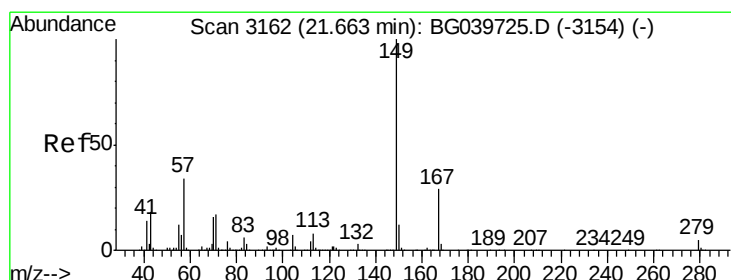
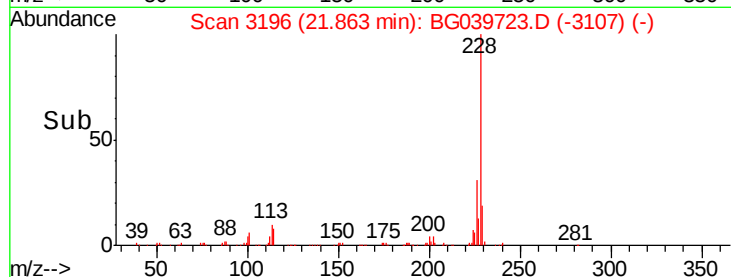
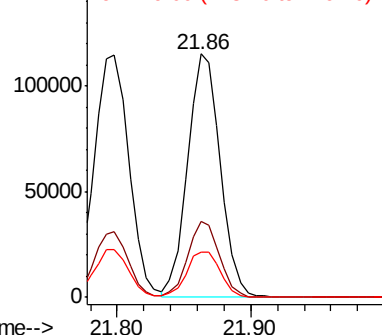


Abundance

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: 9.031 ng

RT: 21.66 min Scan# 3162

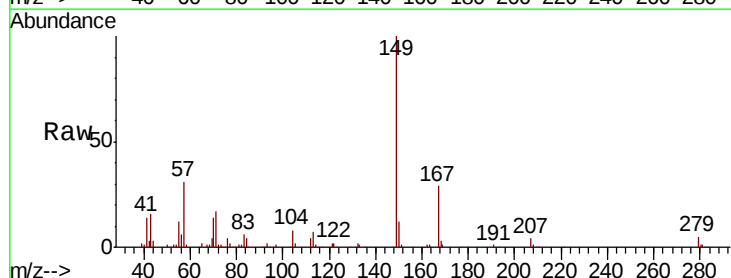
Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Tgt Ion:149 Resp: 108477

Ion	Ratio	Lower	Upper
149	100		
167	28.6	23.0	34.6
279	4.9	3.9	5.9

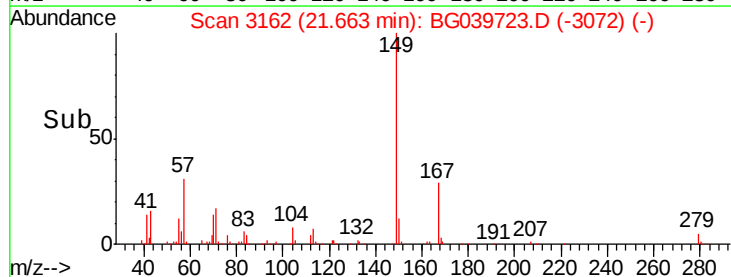
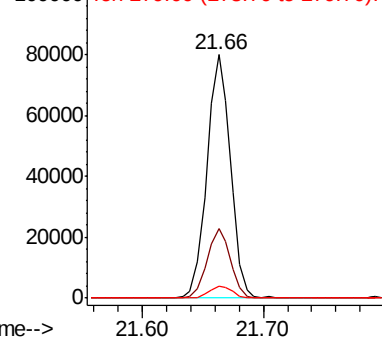


Abundance

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

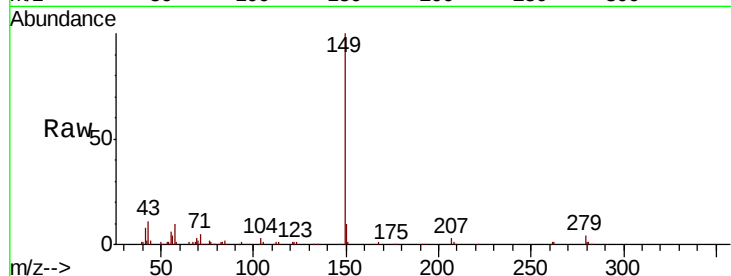




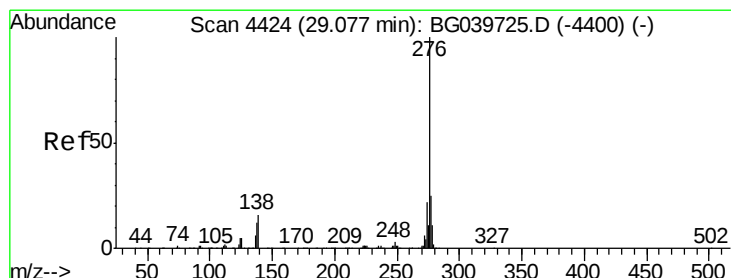
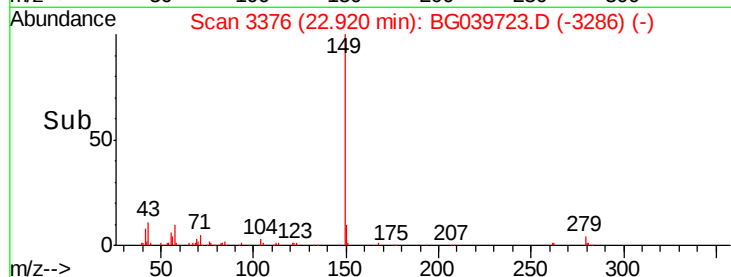
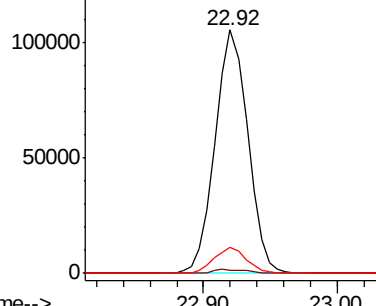
#85
Di-n-octyl phthalate
Concen: 8.990 ng
RT: 22.92 min Scan# 3376
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.7	8.5	12.7

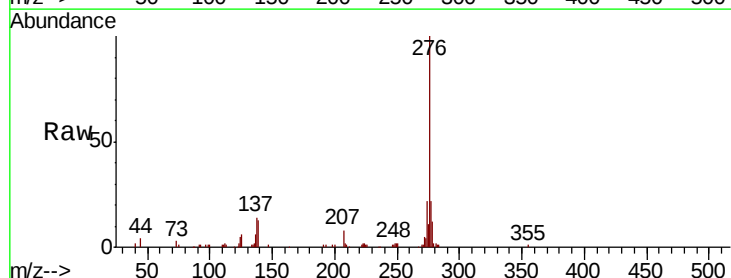


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

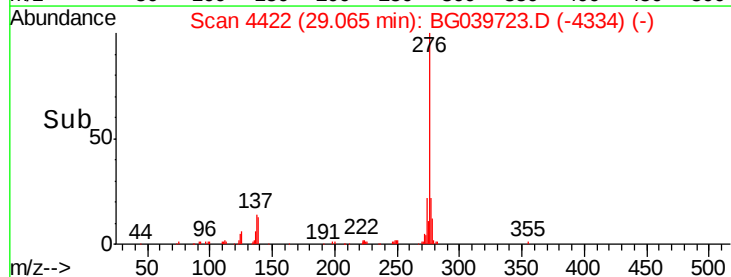
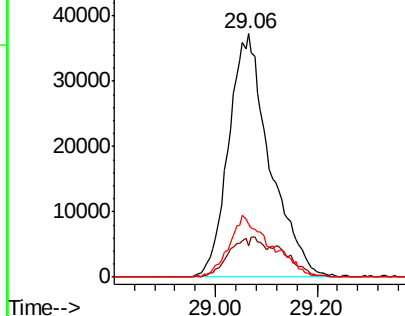


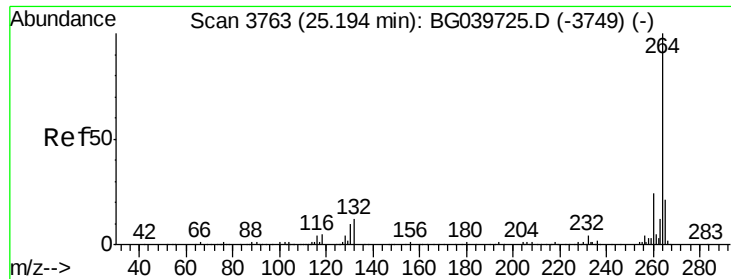
#86
Indeno(1,2,3-cd)pyrene
Concen: 10.811 ng
RT: 29.06 min Scan# 4422
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.1	12.2	18.2#
277	25.6	20.5	30.7



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

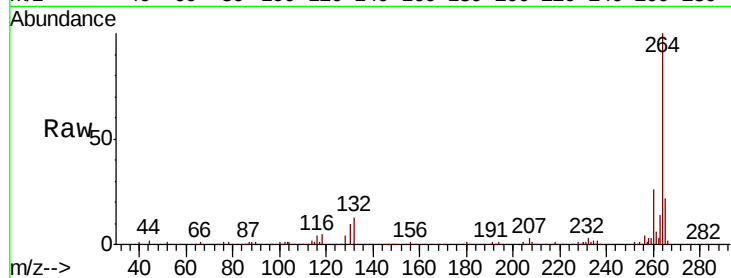




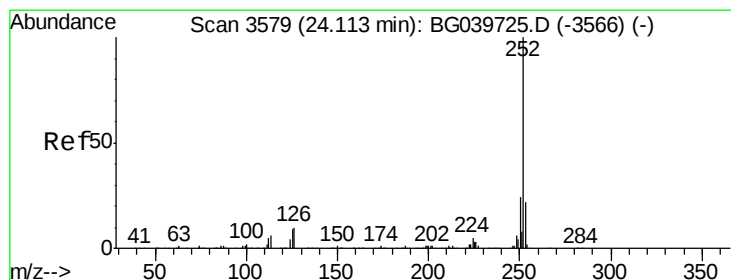
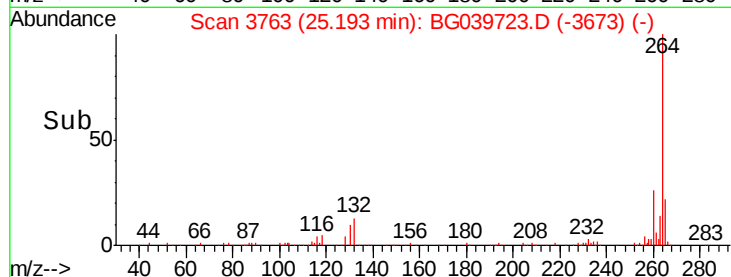
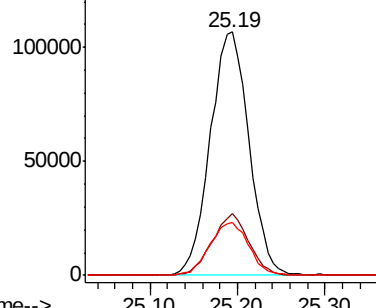
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.19 min Scan# 3763
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 320144
Ion Ratio Lower Upper
264 100
260 25.7 19.2 28.8
265 21.9 16.6 25.0

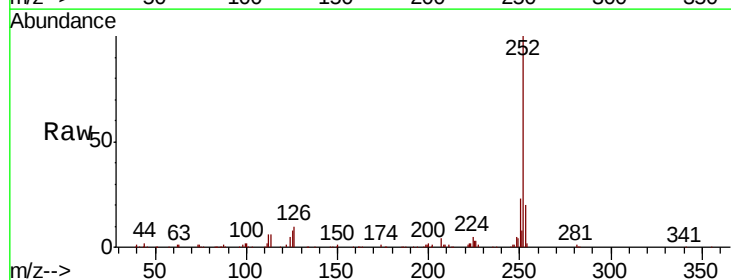


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

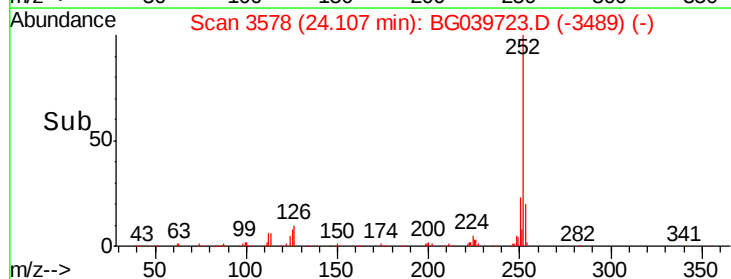
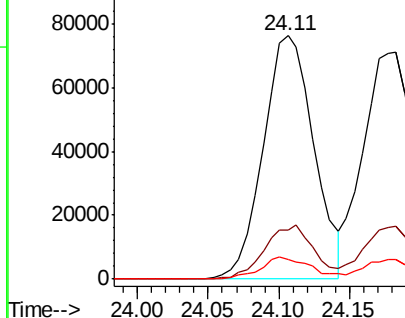


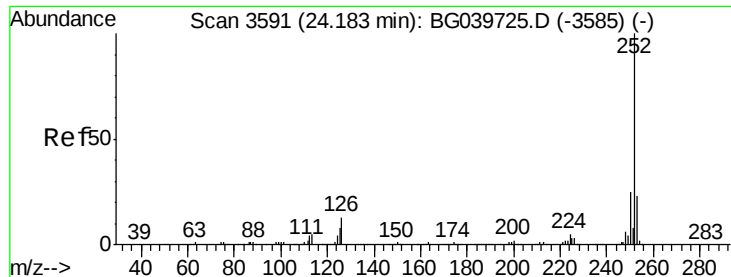
#88
Benzo(b)fluoranthene
Concen: 10.936 ng
RT: 24.11 min Scan# 3578
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:252 Resp: 190931
Ion Ratio Lower Upper
252 100
253 20.1 17.6 26.4
125 7.8 6.9 10.3



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: 10.375 ng

RT: 24.18 min Scan# 3591

Delta R.T. -0.00 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

Instrument :

BNA_G

ClientSampled :

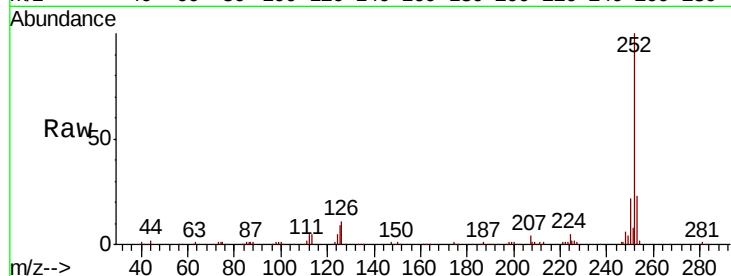
Tot Ion:252 Resp: 181859

Ion Ratio Lower Upper

252 100

253 23.1 18.3 27.5

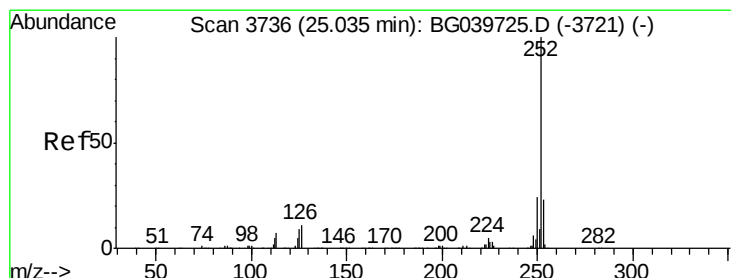
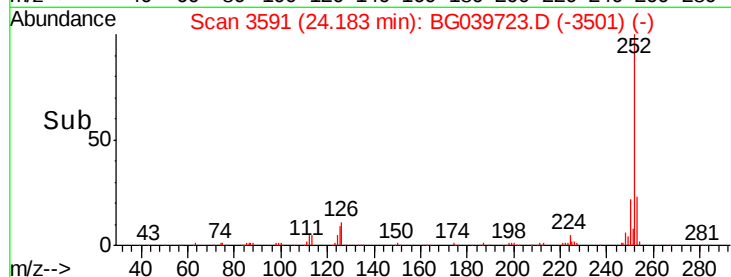
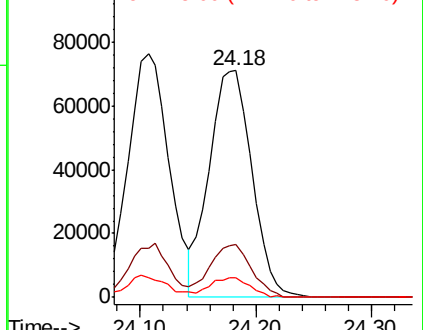
125 8.6 6.5 9.7



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: 10.367 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG039723.D

Acq: 4 Mar 2019 9:41

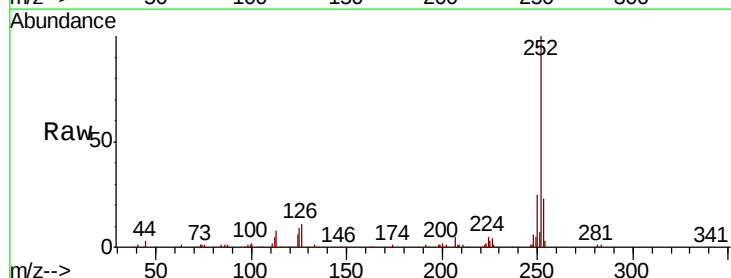
Tgt Ion:252 Resp: 174313

Ion Ratio Lower Upper

252 100

253 22.8 18.3 27.5

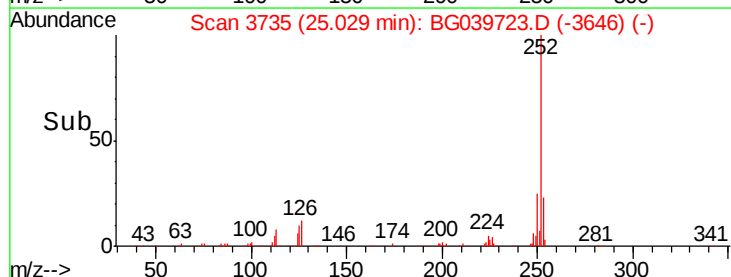
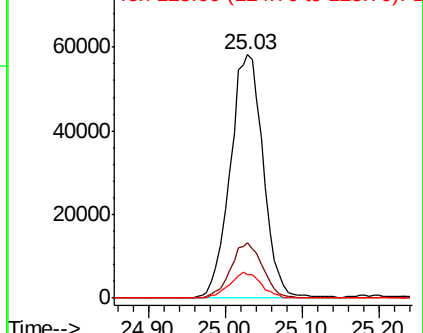
125 9.5 7.4 11.2



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

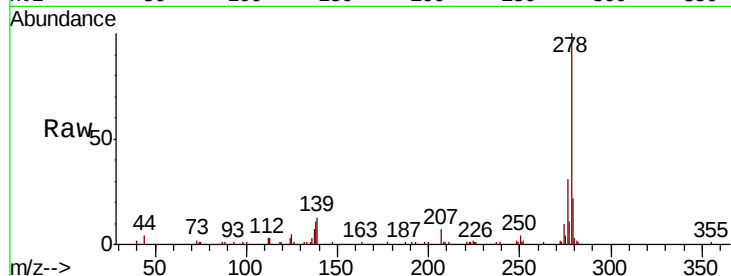




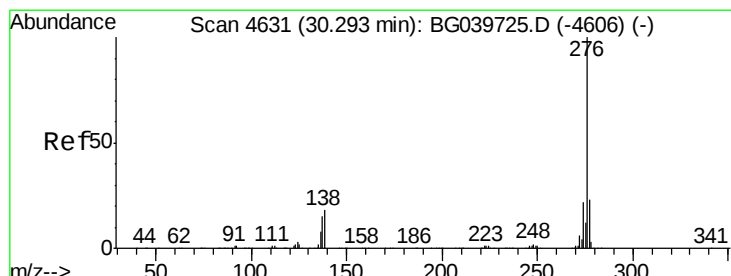
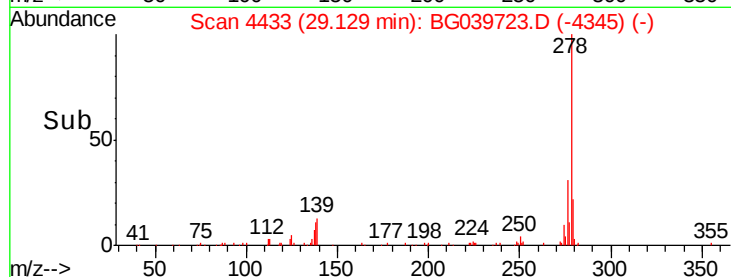
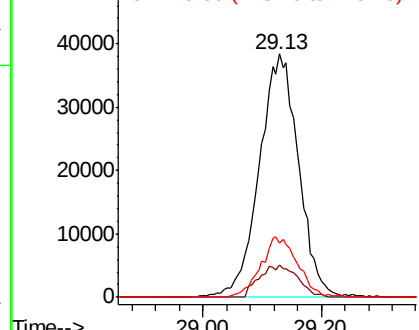
#91
Dibenzo(a,h)anthracene
Concen: 11.204 ng
RT: 29.13 min Scan# 4433
Delta R.T. -0.01 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 176426
Ion Ratio Lower Upper
278 100
139 13.1 10.5 15.7
279 22.3 20.2 30.4

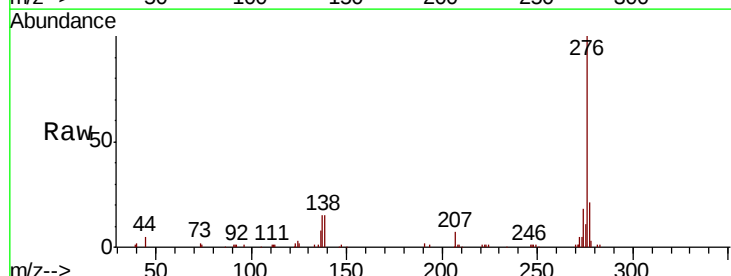


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 10.963 ng
RT: 30.29 min Scan# 4631
Delta R.T. -0.00 min
Lab File: BG039723.D
Acq: 4 Mar 2019 9:41

Tgt Ion:276 Resp: 172061
Ion Ratio Lower Upper
276 100
277 21.4 18.3 27.5
138 15.0 14.4 21.6



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

