

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
 Data File : BG039725.D
 Acq On : 4 Mar 2019 10:59
 Operator : JU/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 11:51:22 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	42315	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	195910	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	133227	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	326791	20.00	ng	0.00
76) Chrysene-d12	21.82	240	316418	20.00	ng	0.00
87) Perylene-d12	25.19	264	336282	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	199781	80.81	ng	0.00
7) Phenol-d6	7.30	99	300729	82.63	ng	0.00
23) Nitrobenzene-d5	9.34	82	294911	94.04	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	131109	91.39	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	745932	80.32	ng	0.00
79) Terphenyl-d14	20.12	244	1151527	77.03	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	43583	40.299	ng	100
3) Pyridine	3.99	79	130147	45.453	ng	100
4) n-Nitrosodimethylamine	3.92	42	59331	41.433	ng	100
6) Aniline	7.48	93	193946	42.546	ng	100
8) 2-Chlorophenol	7.72	128	120950	44.754	ng	100
9) Benzaldehyde	7.29	77	96037	48.398	ng	100
10) Phenol	7.33	94	163578	43.119	ng	100
11) bis(2-Chloroethyl)ether	7.58	93	123438	41.178	ng	100
12) 1,3-Dichlorobenzene	8.05	146	135871	41.501	ng	100
13) 1,4-Dichlorobenzene	8.19	146	136432	41.810	ng	100
14) 1,2-Dichlorobenzene	8.52	146	132125	41.825	ng	100
15) Benzyl Alcohol	8.39	79	121082	42.379	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.67	45	247686	36.588	ng	100
17) 2-Methylphenol	8.59	107	104558	42.590	ng	100
18) Hexachloroethane	9.24	117	48118	42.860	ng	100
19) n-Nitroso-di-n-propylamine	8.96	70	109472	42.382	ng	100
20) 3+4-Methylphenols	8.92	107	145387	43.005	ng	100
22) Acetophenone	8.99	105	213611	40.591	ng	100
24) Nitrobenzene	9.38	77	154029	45.464	ng	100
25) Isophorone	9.89	82	310733	44.714	ng	100
26) 2-Nitrophenol	10.08	139	76943	62.004	ng	100
27) 2,4-Dimethylphenol	10.13	122	117559	41.818	ng	100
28) bis(2-Chloroethoxy)methane	10.37	93	187889	43.895	ng	100
29) 2,4-Dichlorophenol	10.62	162	134040	43.627	ng	100
30) 1,2,4-Trichlorobenzene	10.84	180	143680	41.654	ng	100
31) Naphthalene	11.03	128	418171	43.026	ng	100
32) Benzoic acid	10.26	122	72374	45.309	ng	100
33) 4-Chloroaniline	11.14	127	182522	40.503	ng	100
34) Hexachlorobutadiene	11.29	225	99073	43.189	ng	100
35) Caprolactam	11.92	113	51102	40.194	ng	100
36) 4-Chloro-3-methylphenol	12.24	107	153844	43.297	ng	100
37) 2-Methylnaphthalene	12.62	142	313250	43.517	ng	100
38) 1-Methylnaphthalene	12.84	142	307189	44.271	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	180032	42.471	ng	100

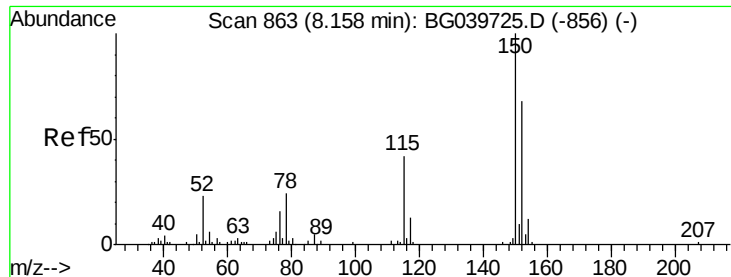
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
 Data File : BG039725.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	98435	42.616	ng	100
43) 2,4,6-Trichlorophenol	13.22	196	109602	42.053	ng	100
44) 2,4,5-Trichlorophenol	13.29	196	126355	46.257	ng	100
46) 1,1'-Biphenyl	13.62	154	438035	39.517	ng	100
47) 2-Chloronaphthalene	13.67	162	327592	39.285	ng	100
48) 2-Nitroaniline	13.87	65	111171	52.528	ng	100
49) Acenaphthylene	14.51	152	550510	43.751	ng	100
50) Dimethylphthalate	14.23	163	452135	42.020	ng	100
51) 2,6-Dinitrotoluene	14.36	165	100071	55.029	ng	100
52) Acenaphthene	14.85	154	326550	39.981	ng	100
53) 3-Nitroaniline	14.70	138	99324	49.981	ng	100
54) 2,4-Dinitrophenol	14.90	184	55309	81.052	ng	100
55) Dibenzofuran	15.18	168	537808	41.068	ng	100
56) 4-Nitrophenol	14.98	139	88890	52.574	ng	100
57) 2,4-Dinitrotoluene	15.14	165	140752	61.411	ng	100
58) Fluorene	15.83	166	421658	43.193	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	121991	47.697	ng	100
60) Diethylphthalate	15.58	149	453203	40.737	ng	100
61) 4-Chlorophenyl-phenylether	15.81	204	226268	40.934	ng	100
62) 4-Nitroaniline	15.86	138	110043	52.183	ng	100
63) Azobenzene	16.11	77	402672	37.032	ng	100
65) 4,6-Dinitro-2-methylphenol	15.90	198	77916	64.875	ng	100
66) n-Nitrosodiphenylamine	16.03	169	387618	39.009	ng	100
67) 4-Bromophenyl-phenylether	16.71	248	147004	40.549	ng	100
68) Hexachlorobenzene	16.82	284	151913	41.765	ng	100
69) Atrazine	16.97	200	151675	41.769	ng	100
70) Pentachlorophenol	17.17	266	98167	38.832	ng	100
71) Phenanthrene	17.57	178	720424	42.594	ng	100
72) Anthracene	17.66	178	702114	42.143	ng	100
73) Carbazole	17.93	167	631778	37.998	ng	100
74) Di-n-butylphthalate	18.46	149	749262	38.628	ng	100
75) Fluoranthene	19.57	202	841706	42.875	ng	100
77) Benzidine	19.75	184	447267	43.114	ng	100
78) Pyrene	19.94	202	841211	42.706	ng	100
80) Butylbenzylphthalate	20.80	149	334416	40.246	ng	100
81) Benzo(a)anthracene	21.80	228	803291	42.964	ng	100
82) 3,3'-Dichlorobenzidine	21.71	252	304202	43.879	ng	100
83) Chrysene	21.87	228	768656	43.187	ng	100
84) Bis(2-ethylhexyl)phthalate	21.66	149	467496	39.437	ng	100
85) Di-n-octyl phthalate	22.92	149	790237	40.350	ng	100
86) Indeno(1,2,3-cd)pyrene	29.08	276	899800	47.120	ng	100
88) Benzo(b)fluoranthene	24.11	252	795738	43.390	ng	100
89) Benzo(k)fluoranthene	24.18	252	734287	39.880	ng	100
90) Benzo(a)pyrene	25.04	252	741776	41.998	ng	100
91) Dibenzo(a,h)anthracene	29.14	278	716118	43.295	ng	100
92) Benzo(g,h,i)perylene	30.29	276	729430	44.244	ng	100

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

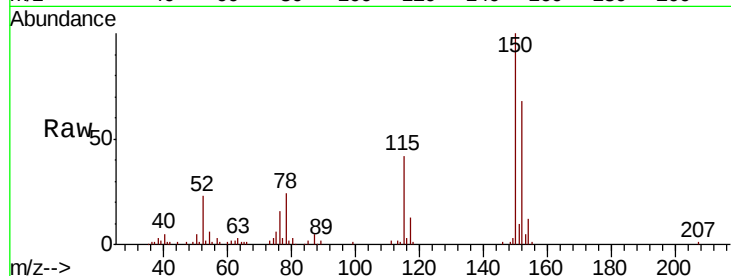


#1

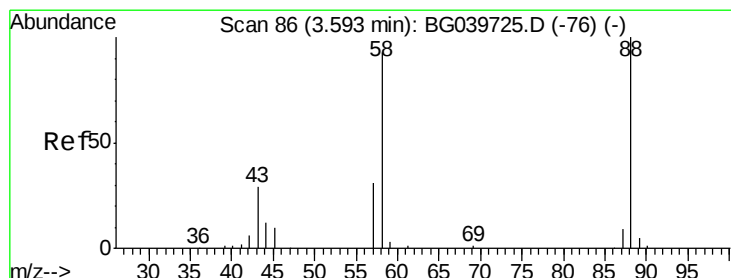
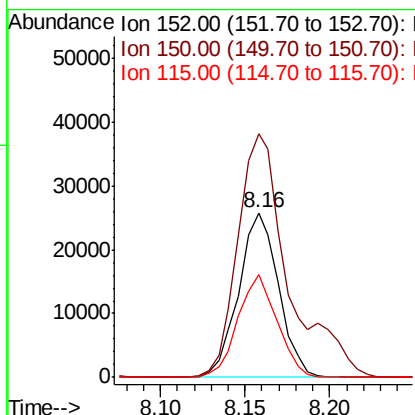
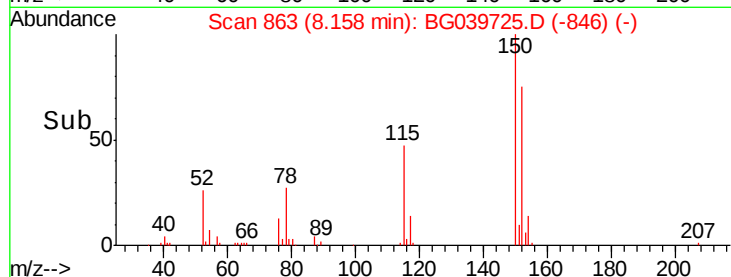
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 42315
Ion Ratio Lower Upper
152 100
150 147.8 118.2 177.4
115 62.5 50.0 75.0



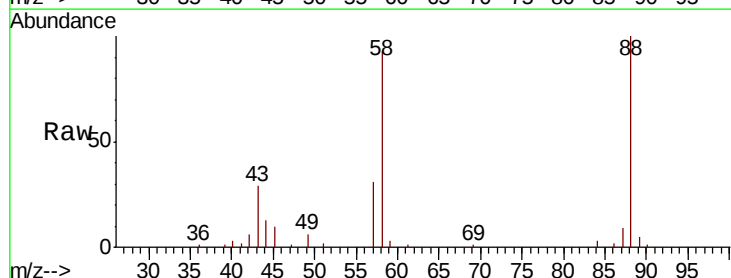
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



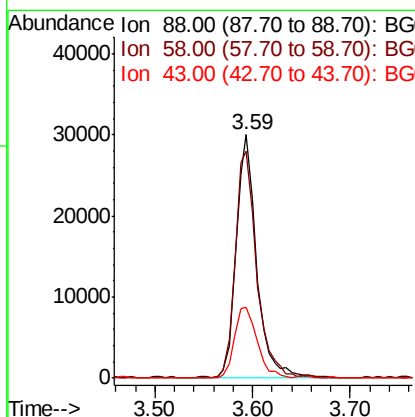
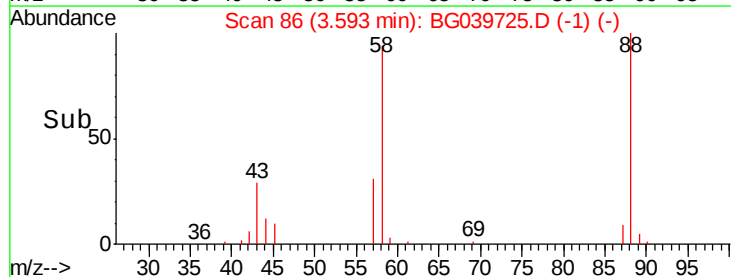
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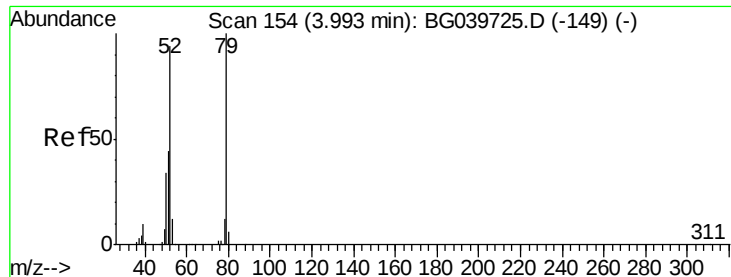
1,4-Dioxane
Concen: 40.299 ng
RT: 3.59 min Scan# 86
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion: 88 Resp: 43583
Ion Ratio Lower Upper
88 100
58 97.6 78.1 117.1
43 32.4 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: 45.453 ng

RT: 3.99 min Scan# 154

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

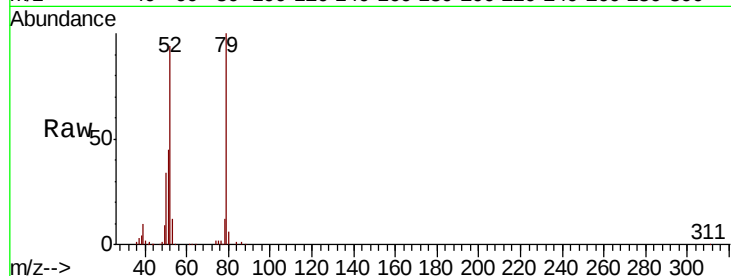
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 130147

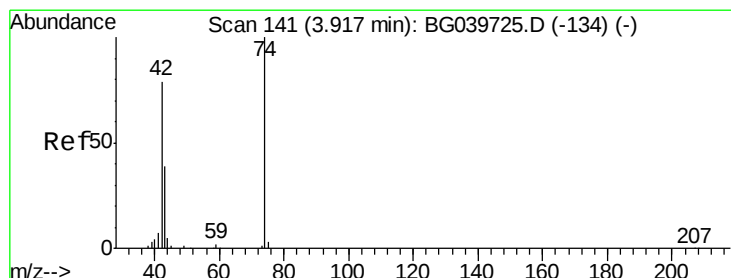
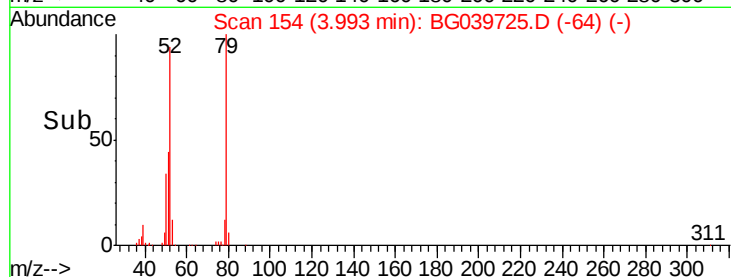
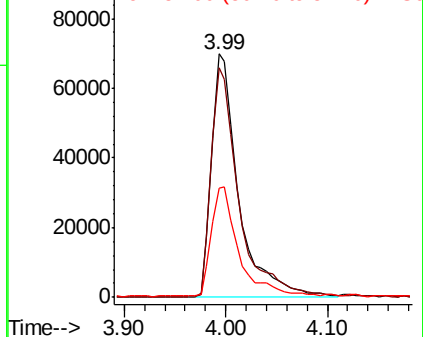
Ion	Ratio	Lower	Upper
79	100		
52	94.3	75.4	113.2
51	44.6	35.7	53.5



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: 41.433 ng

RT: 3.92 min Scan# 141

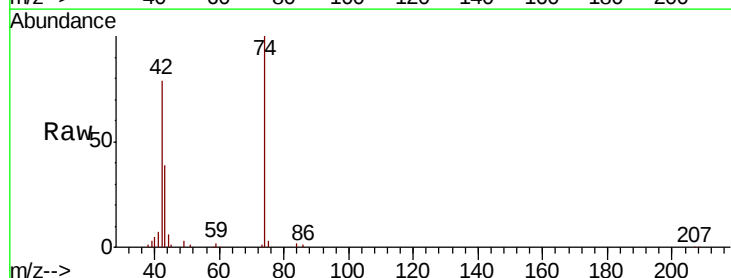
Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Tgt Ion: 42 Resp: 59331

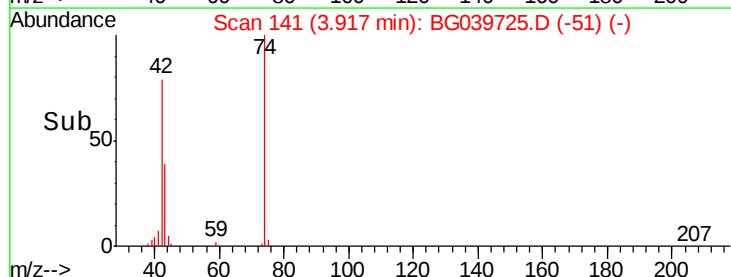
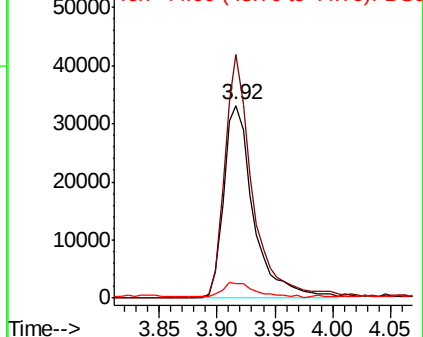
Ion	Ratio	Lower	Upper
42	100		
74	126.3	101.0	151.6
44	7.8	6.2	9.4

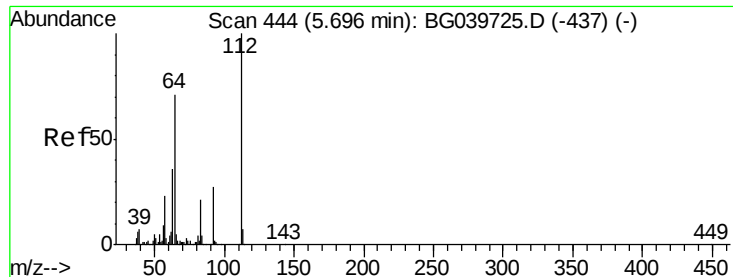


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.805 ng

RT: 5.70 min Scan# 444

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

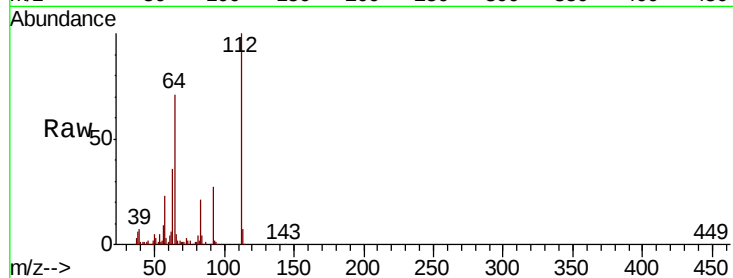
Tot Ion:112 Resp: 199781

Ion Ratio Lower Upper

112 100

64 70.8 56.6 85.0

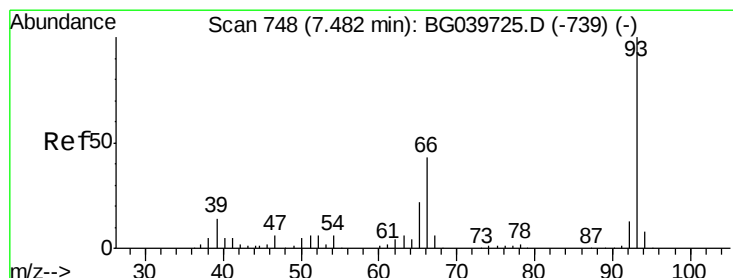
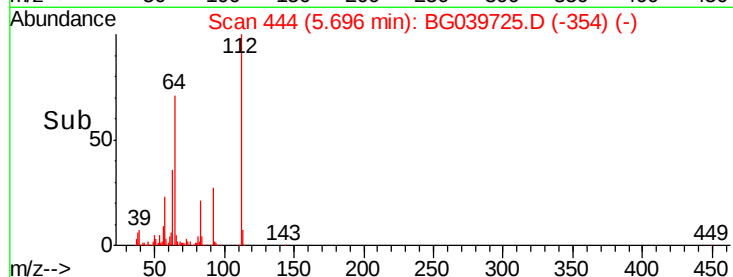
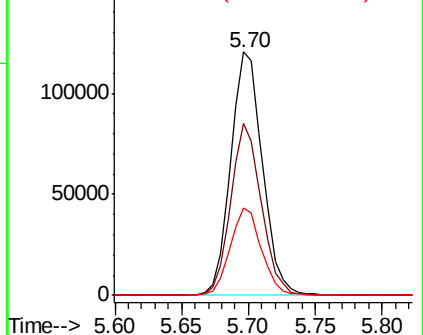
63 35.8 28.6 43.0



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: 42.546 ng

RT: 7.48 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

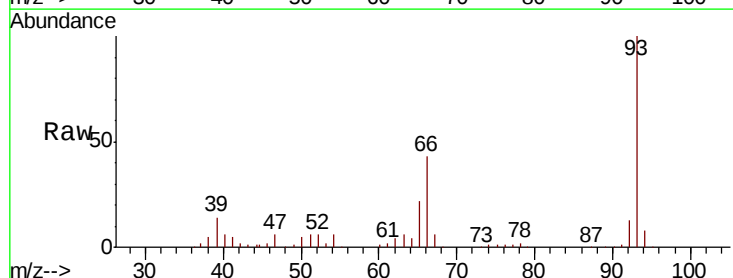
Tgt Ion: 93 Resp: 193946

Ion Ratio Lower Upper

93 100

66 43.1 34.5 51.7

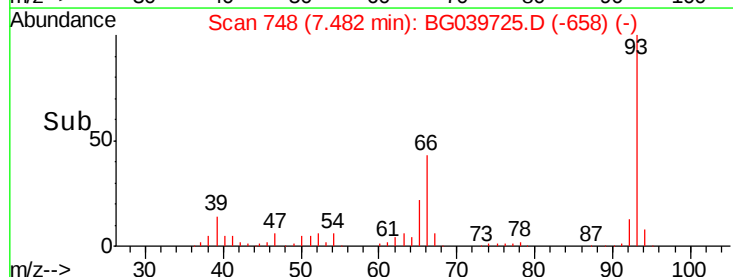
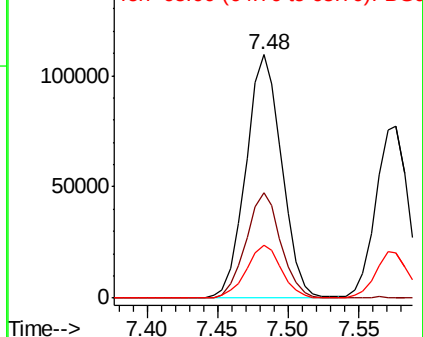
65 21.9 17.5 26.3

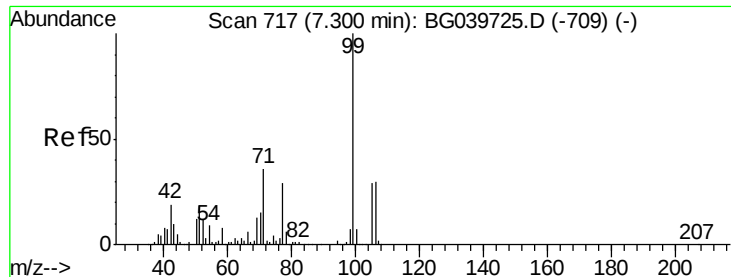


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.634 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampled :

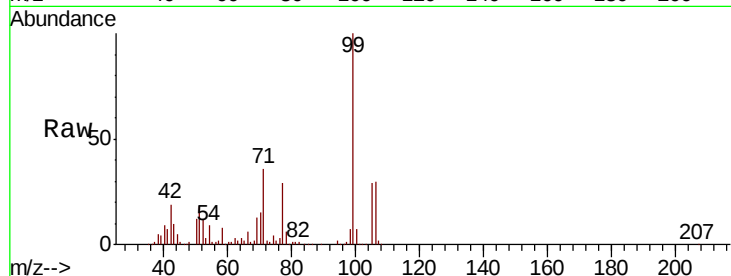
Tot Ion: 99 Resp: 300729

Ion Ratio Lower Upper

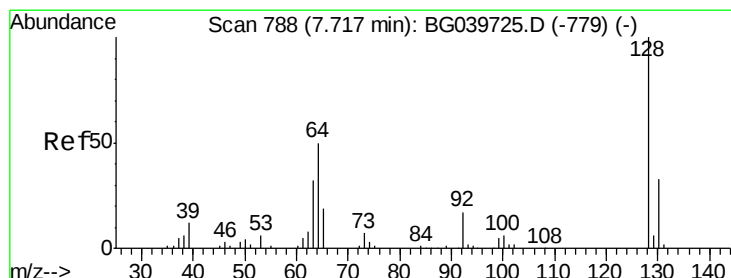
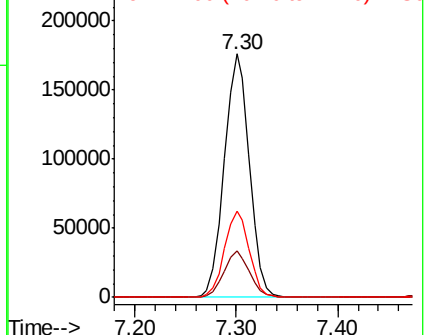
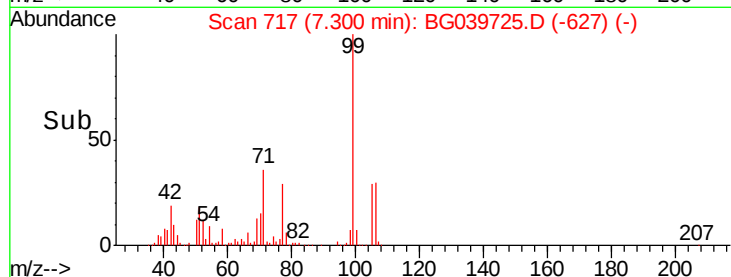
99 100

42 18.9 15.1 22.7

71 35.6 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 44.754 ng

RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

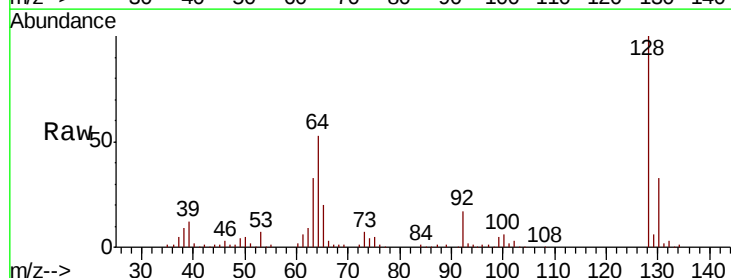
Tgt Ion: 128 Resp: 120950

Ion Ratio Lower Upper

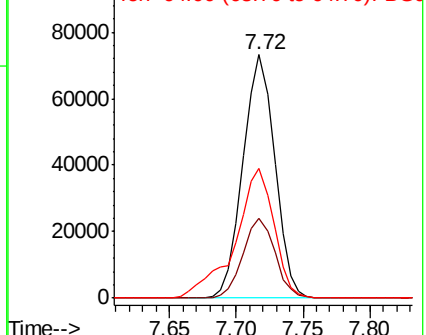
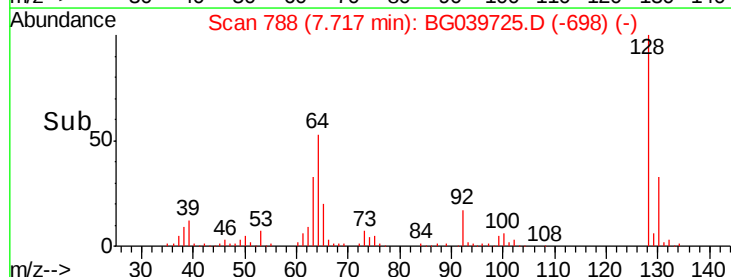
128 100

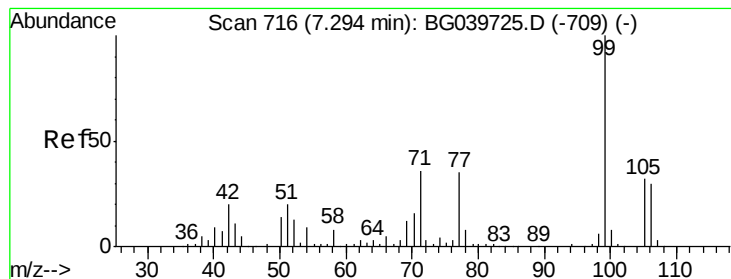
130 32.9 12.9 52.9

64 53.3 33.3 73.3



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





#9

Benzaldehyde

Concen: 48.398 ng

RT: 7.29 min Scan# 716

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

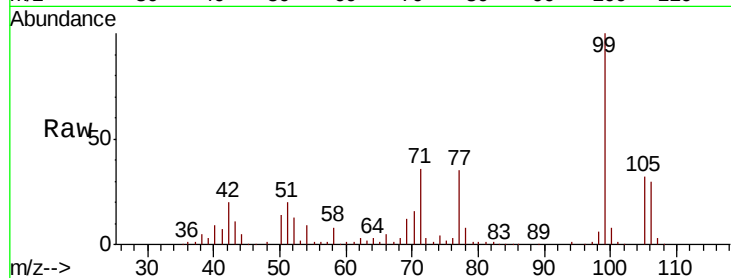
Tot Ion: 77 Resp: 96037

Ion Ratio Lower Upper

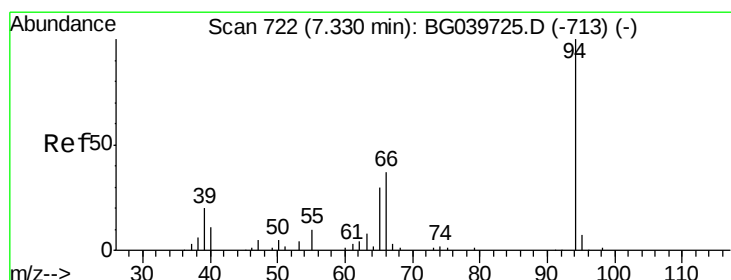
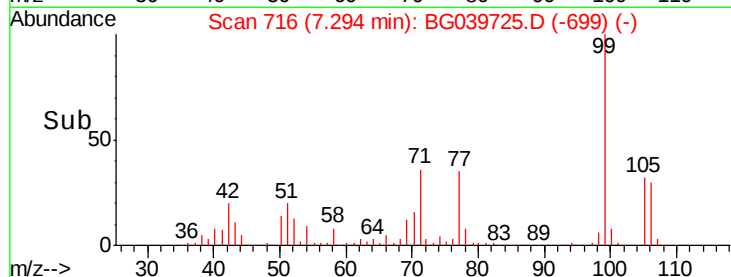
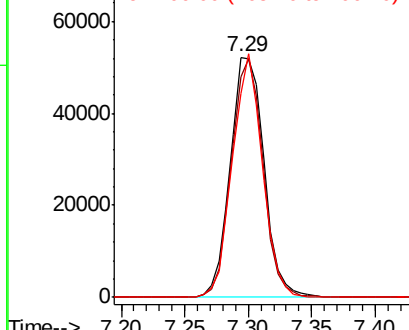
77 100

105 91.7 71.7 111.7

106 85.1 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: 43.119 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

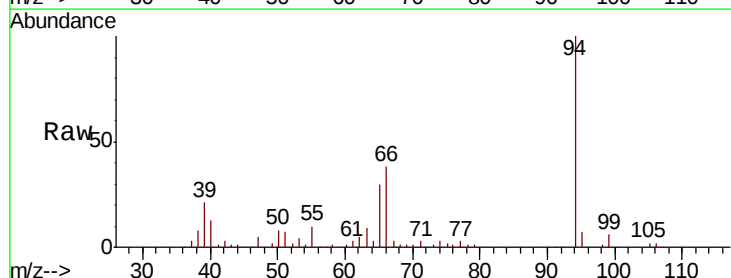
Tgt Ion: 94 Resp: 163578

Ion Ratio Lower Upper

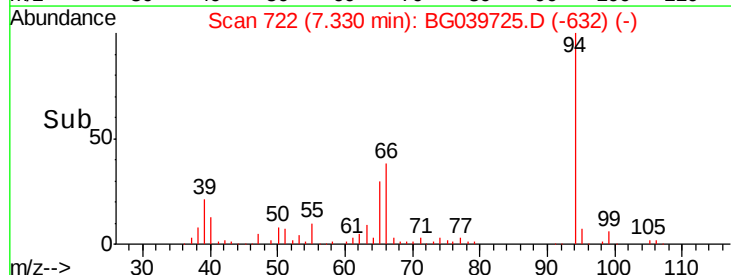
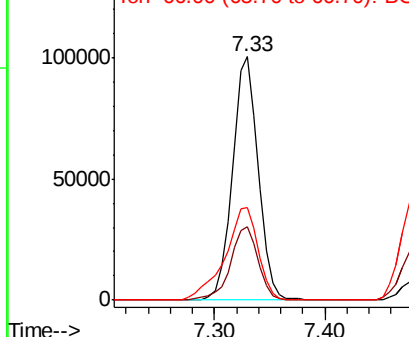
94 100

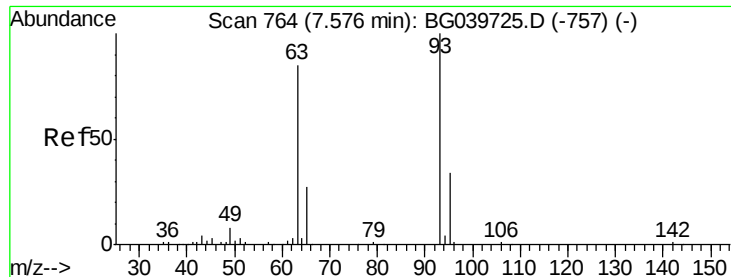
65 30.0 10.0 50.0

66 38.1 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

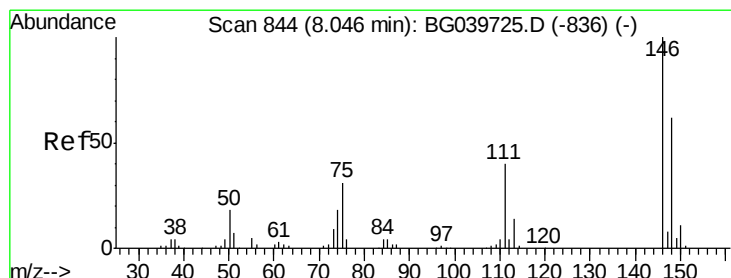
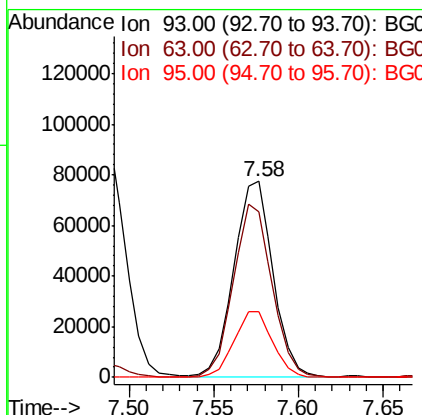
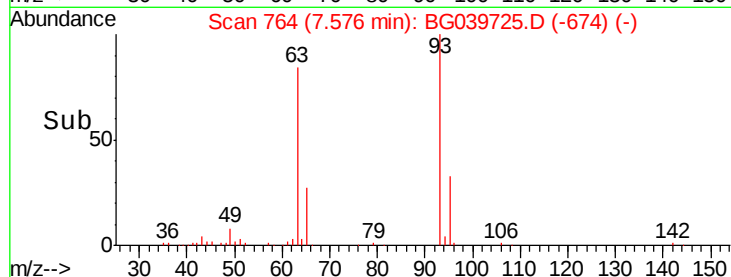
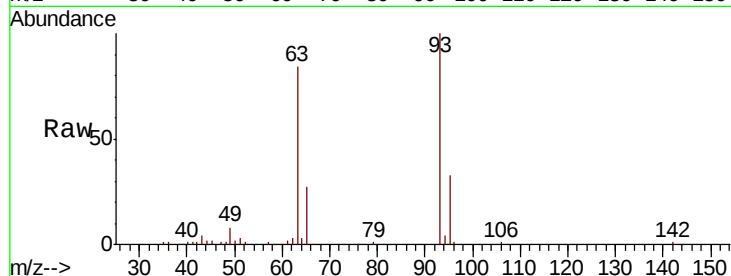




#11
bis(2-Chloroethyl)ether
Concen: 41.178 ng
RT: 7.58 min Scan# 764
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

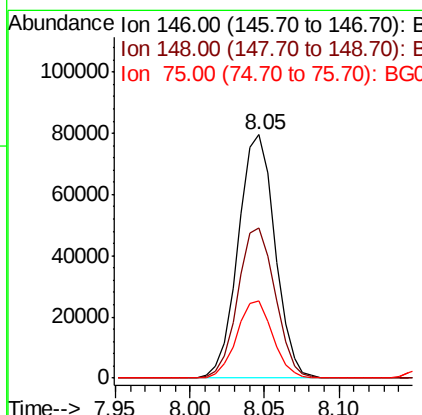
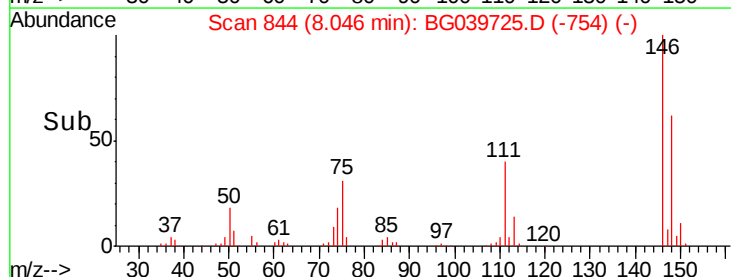
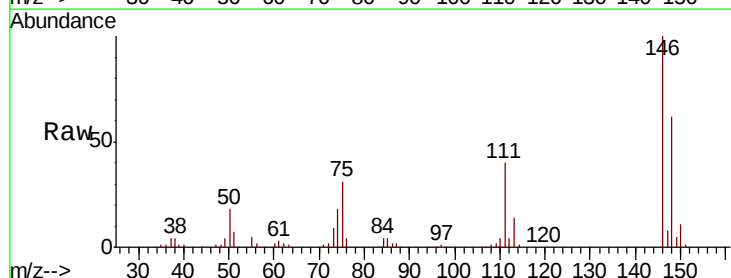
Instrument :
BNA_G
ClientSampleId :

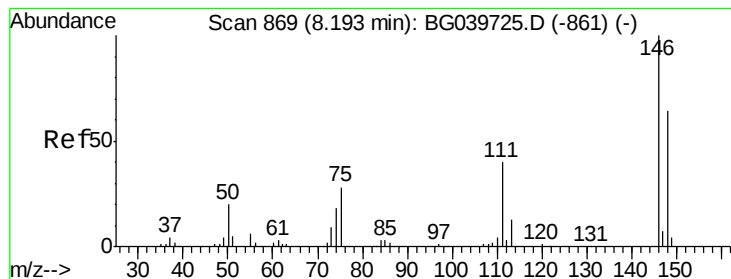
Tot Ion: 93 Resp: 123438
Ion Ratio Lower Upper
93 100
63 84.4 64.4 104.4
95 33.3 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 41.501 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion: 146 Resp: 135871
Ion Ratio Lower Upper
146 100
148 61.6 49.3 73.9
75 31.5 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 41.810 ng

RT: 8.19 min Scan# 869

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

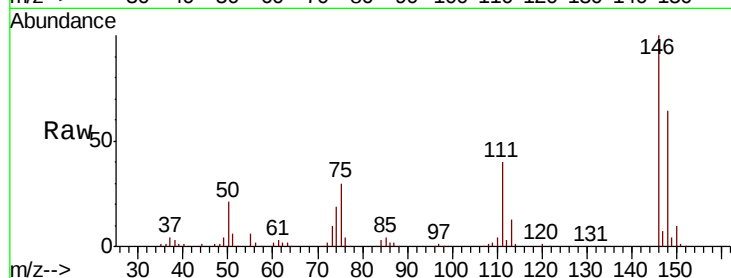
Tot Ion:146 Resp: 136432

Ion Ratio Lower Upper

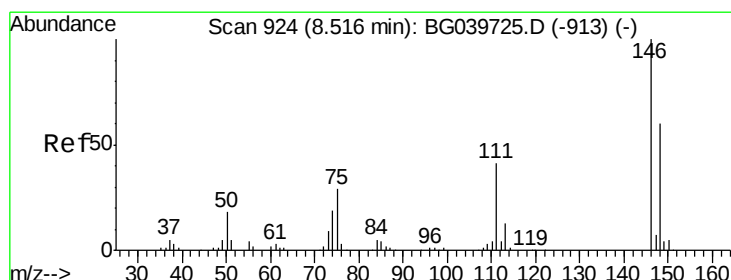
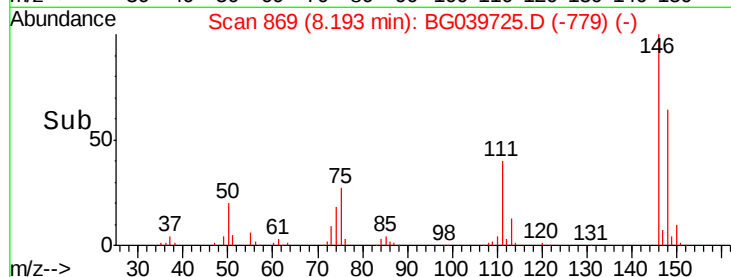
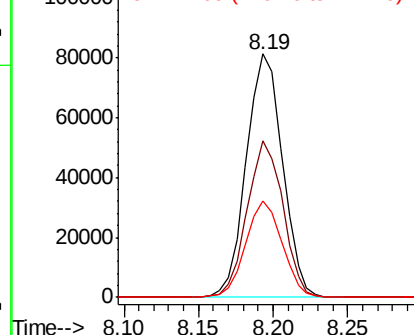
146 100

148 64.4 51.5 77.3

111 39.8 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: 41.825 ng

RT: 8.52 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

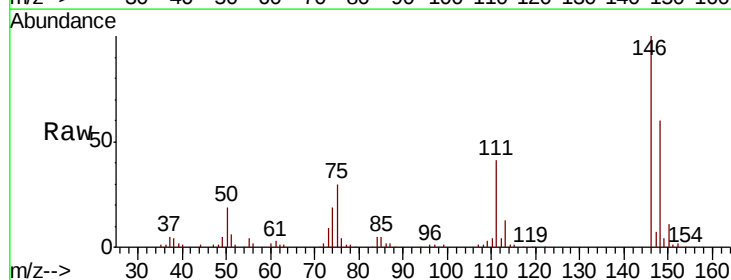
Tgt Ion:146 Resp: 132125

Ion Ratio Lower Upper

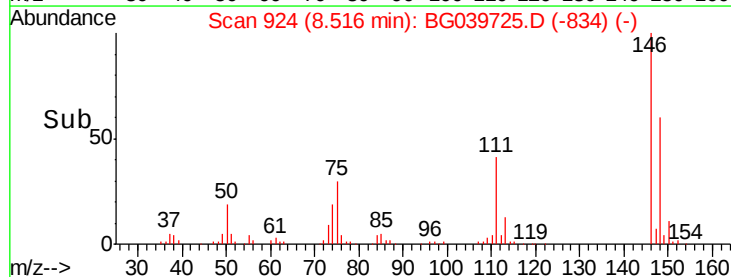
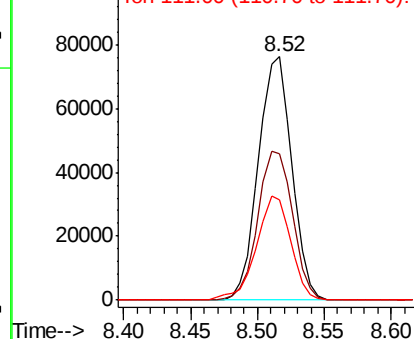
146 100

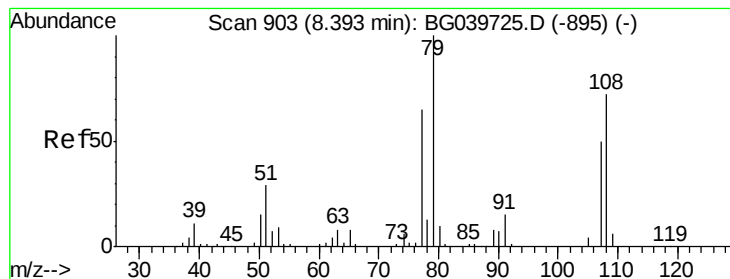
148 60.4 48.3 72.5

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: 42.379 ng

RT: 8.39 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampled :

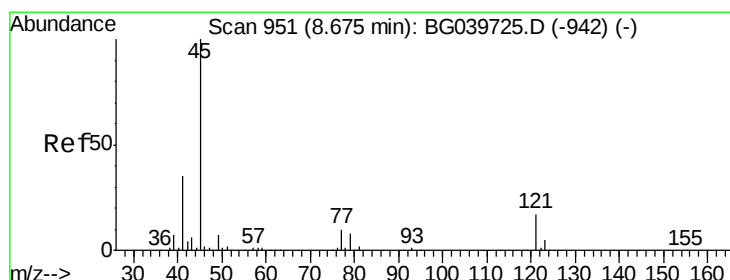
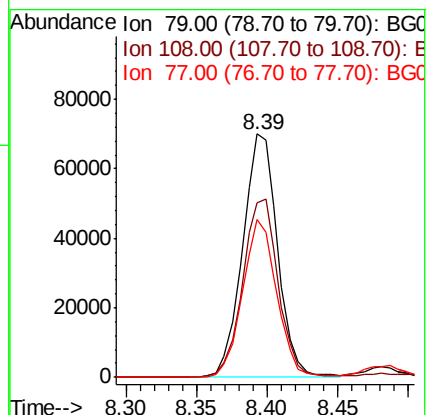
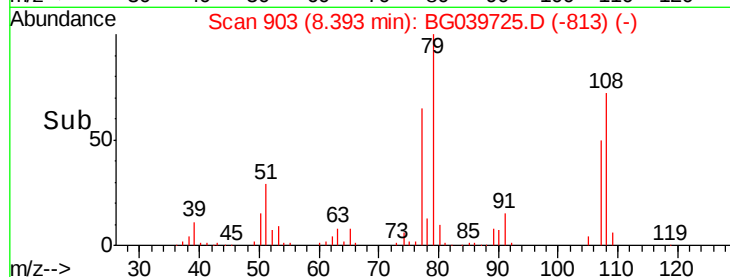
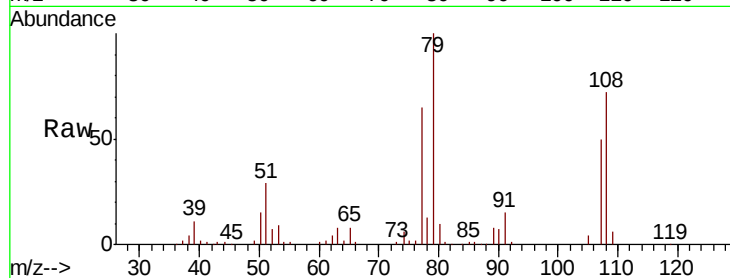
Tot Ion: 79 Resp: 121082

Ion Ratio Lower Upper

79 100

108 71.8 57.4 86.2

77 64.9 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.588 ng

RT: 8.67 min Scan# 951

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

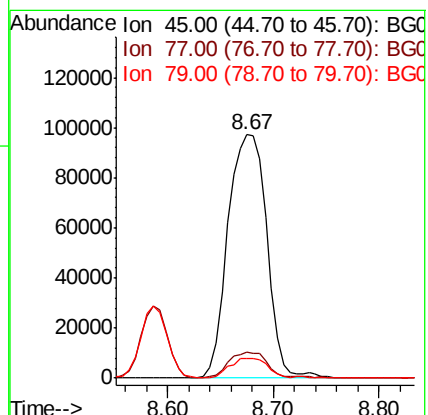
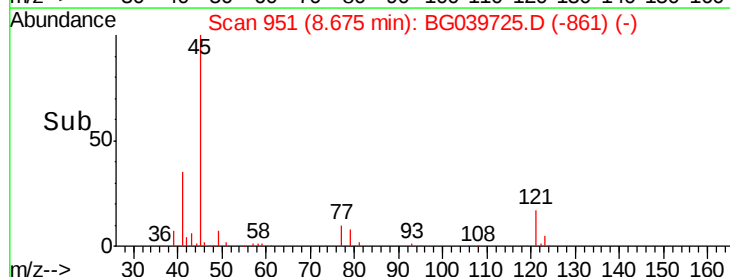
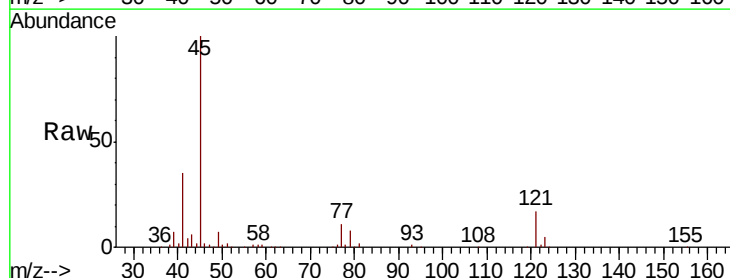
Tgt Ion: 45 Resp: 247686

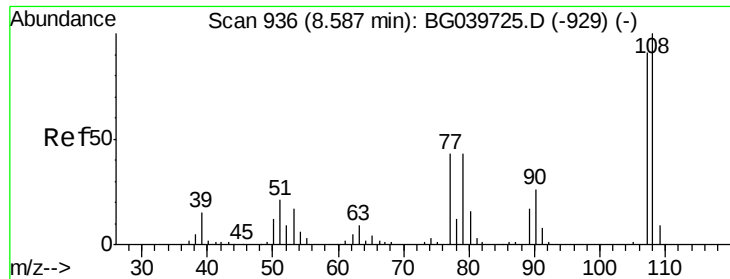
Ion Ratio Lower Upper

45 100

77 10.6 0.0 30.6

79 8.1 0.0 28.1

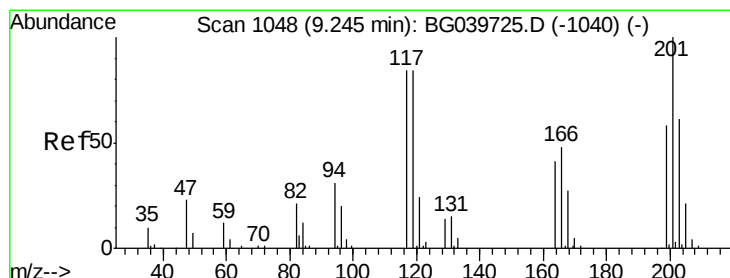
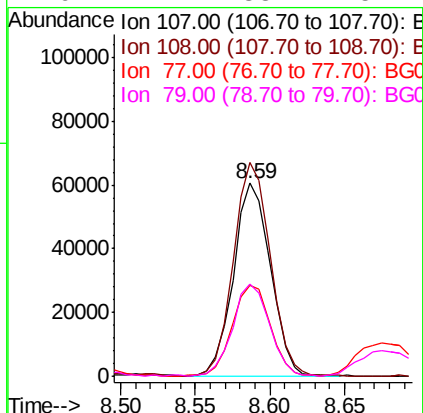
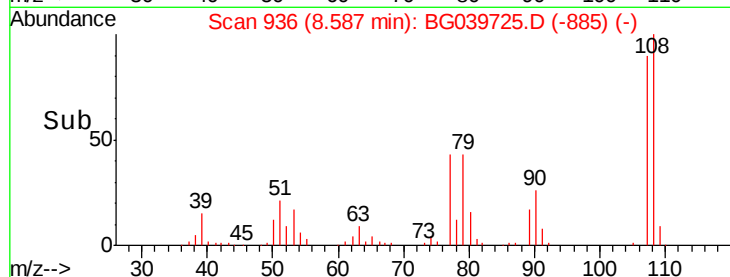
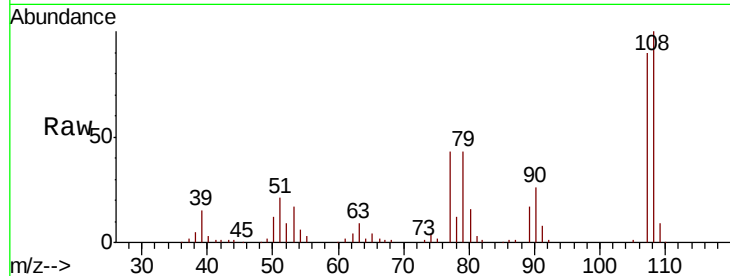




#17
2-Methylphenol
Concen: 42.590 ng
RT: 8.59 min Scan# 936
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

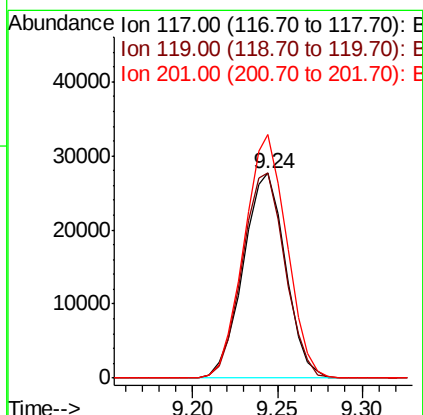
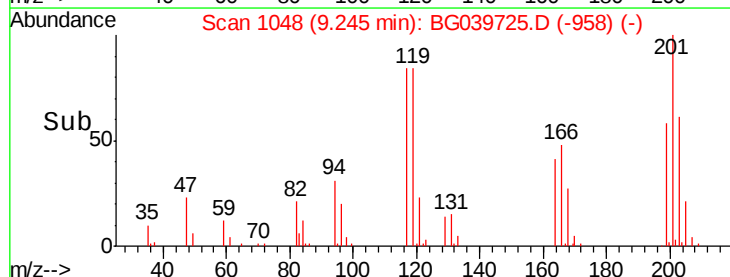
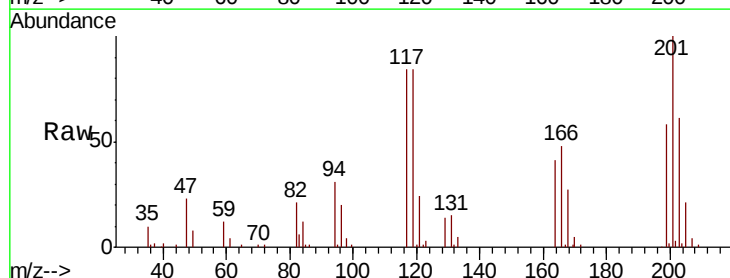
Instrument :
BNA_G
ClientSampleId :

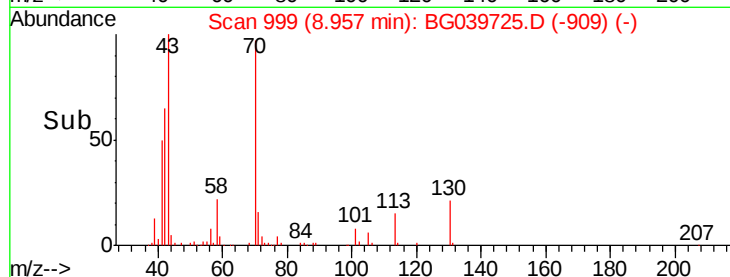
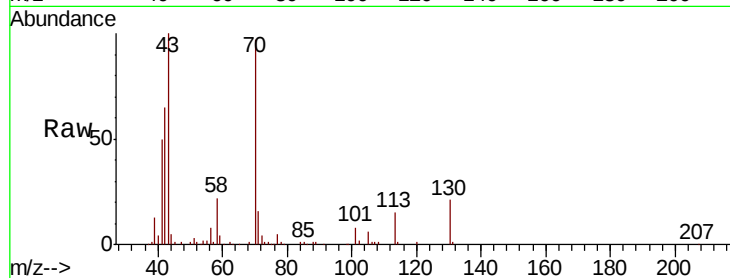
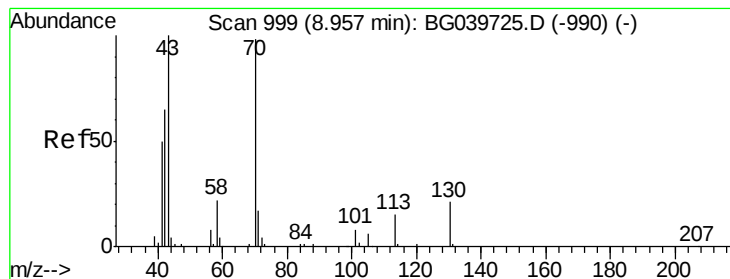
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.6	88.5	132.7
77	47.3	37.8	56.8
79	47.7	38.2	57.2



#18
Hexachloroethane
Concen: 42.860 ng
RT: 9.24 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.3	80.2	120.4
201	118.9	95.1	142.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.382 ng

RT: 8.96 min Scan# 999

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 109472

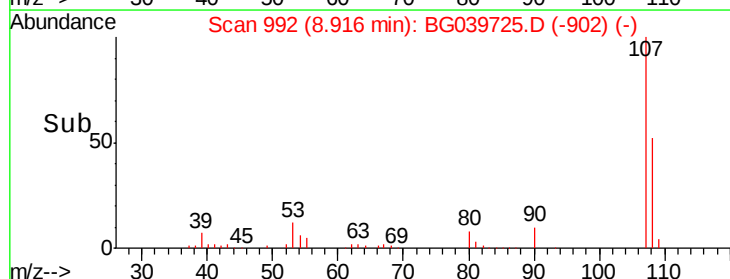
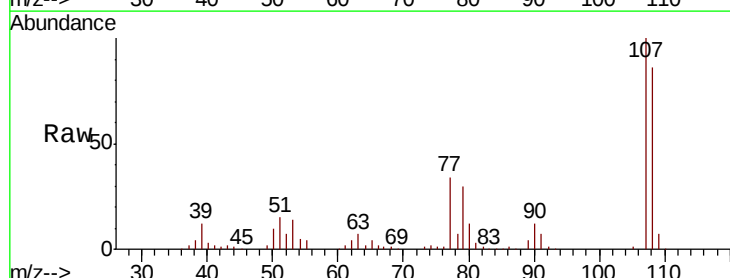
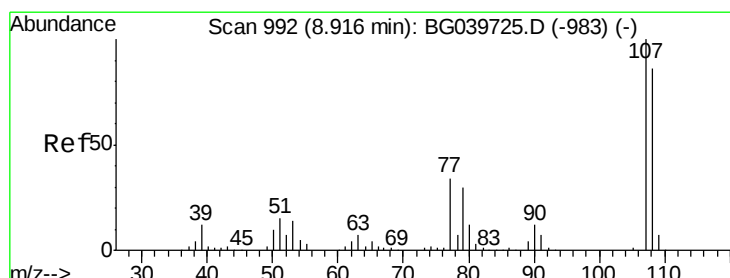
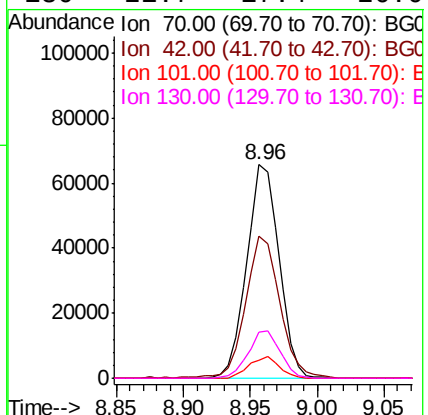
Ion Ratio Lower Upper

70 100

42 66.8 53.4 80.2

101 8.6 6.9 10.3

130 21.7 17.4 26.0



#20

3+4-Methylphenols

Concen: 43.005 ng

RT: 8.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Tgt Ion: 107 Resp: 145387

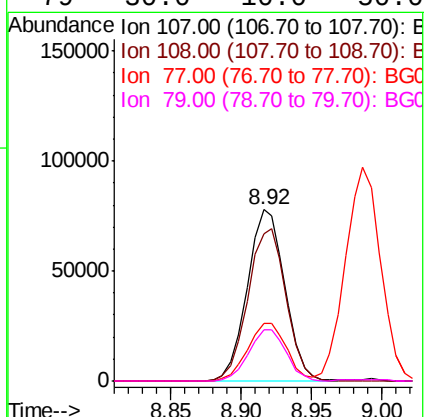
Ion Ratio Lower Upper

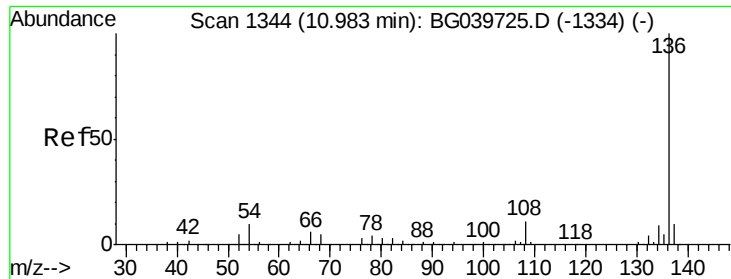
107 100

108 86.3 66.3 106.3

77 33.8 13.8 53.8

79 30.0 10.0 50.0

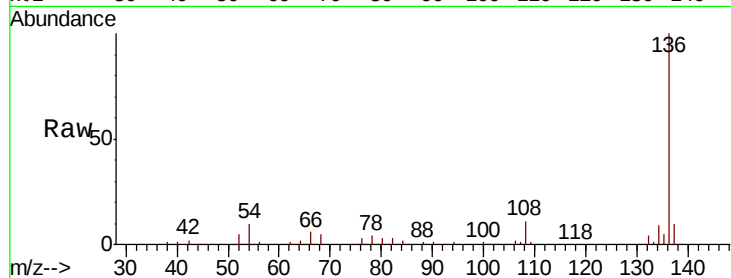




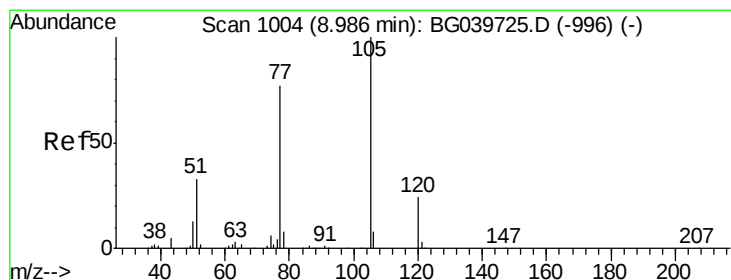
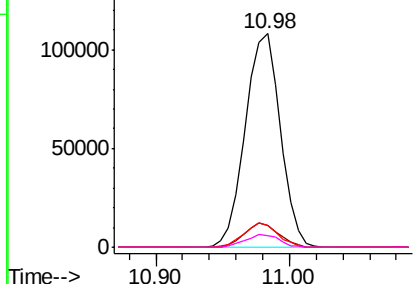
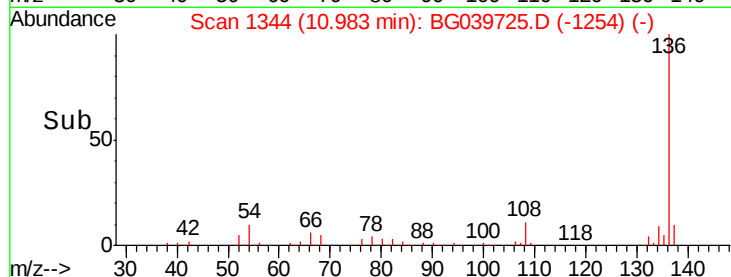
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	195910
Ion	Ratio	Lower Upper
136	100	
137	10.5	8.4 12.6
54	10.3	8.2 12.4
68	5.3	4.2 6.4

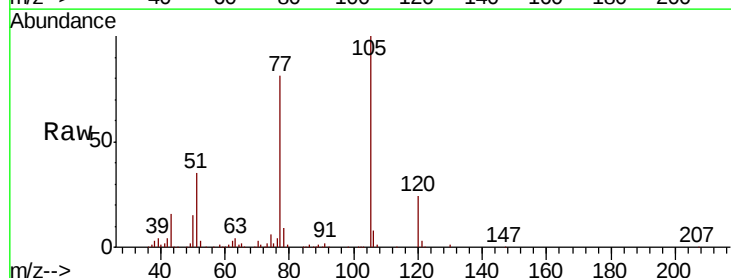


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

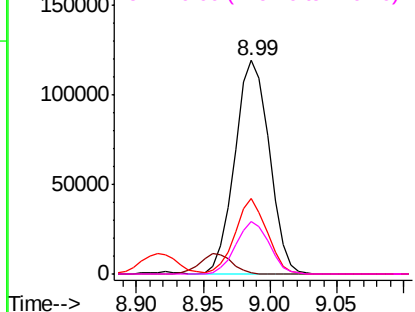
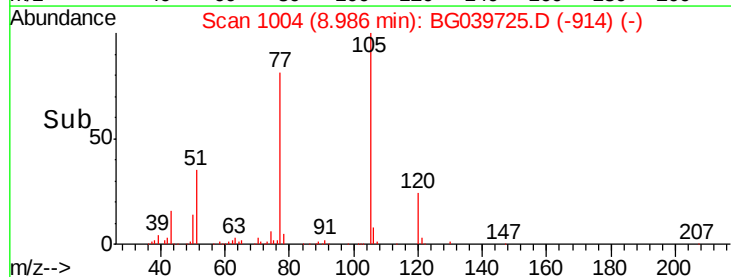


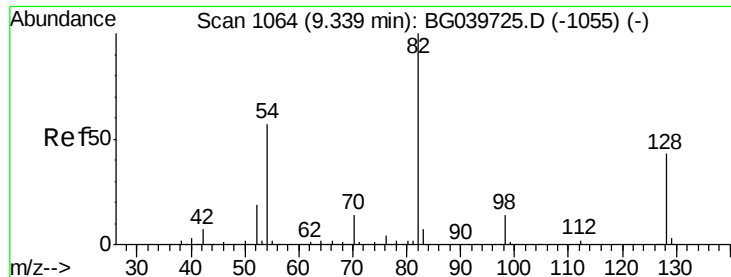
#22
Acetophenone
Concen: 40.591 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion:105	Resp:	213611
Ion	Ratio	Lower Upper
105	100	
71	0.6	0.5 0.7
51	35.5	28.4 42.6
120	24.5	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

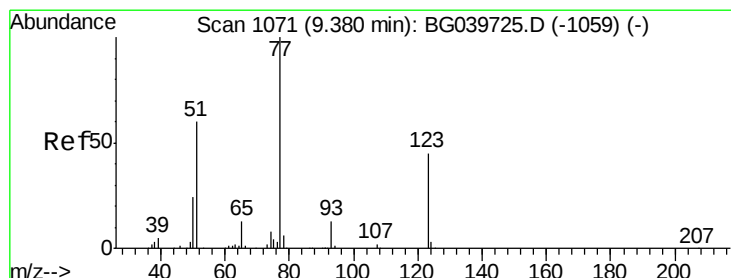
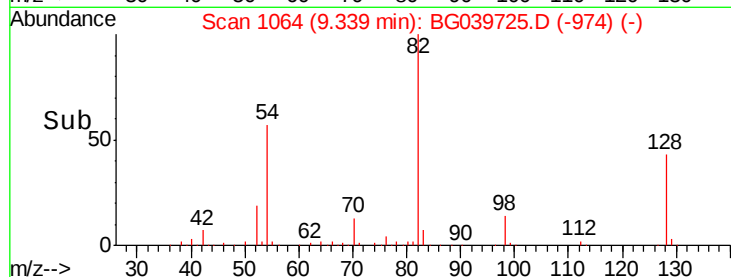
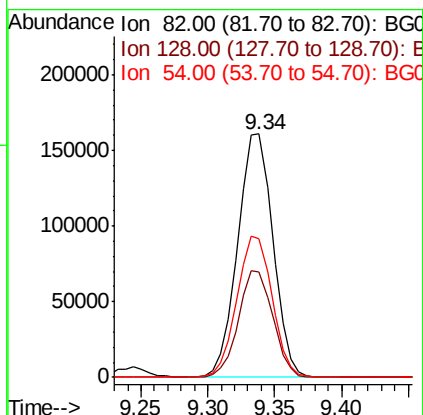
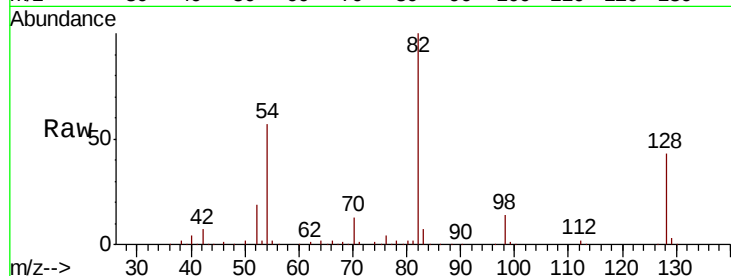




#23
 Nitrobenzene-d5
 Concen: 94.041 ng
 RT: 9.34 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

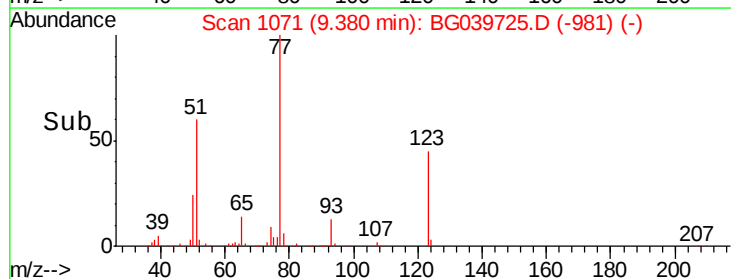
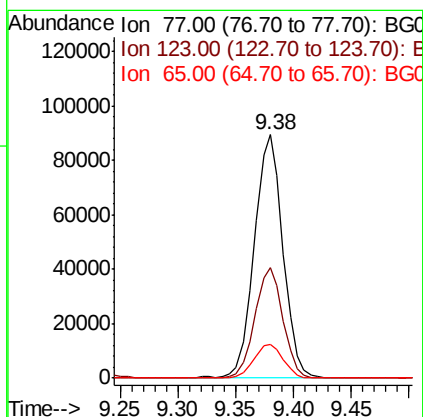
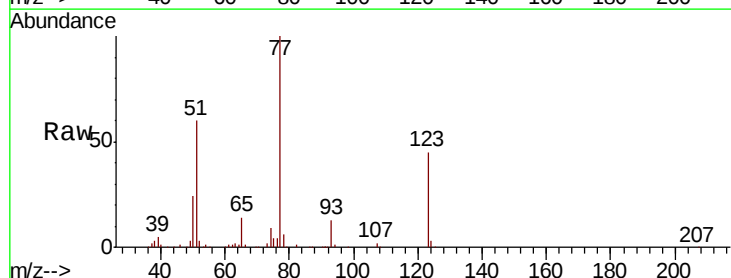
Instrument :
 BNA_G
 ClientSampled :

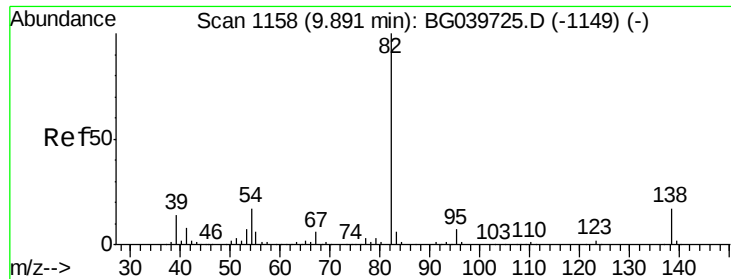
Tot Ion: 82 Resp: 294911
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.4 51.6
 54 57.1 45.7 68.5



#24
 Nitrobenzene
 Concen: 45.464 ng
 RT: 9.38 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Tgt Ion: 77 Resp: 154029
 Ion Ratio Lower Upper
 77 100
 123 45.2 36.2 54.2
 65 13.6 10.9 16.3





#25

Isophorone

Concen: 44.714 ng

RT: 9.89 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

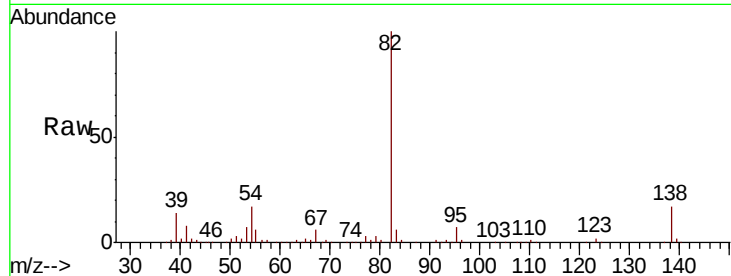
Tot Ion: 82 Resp: 310733

Ion Ratio Lower Upper

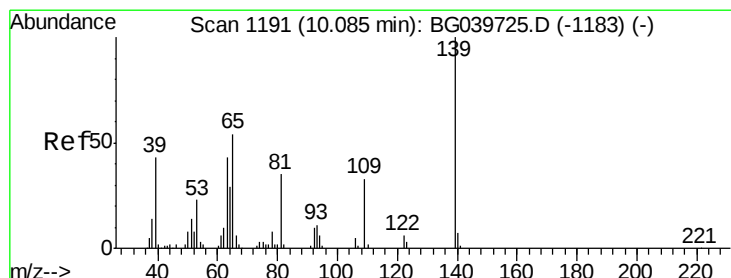
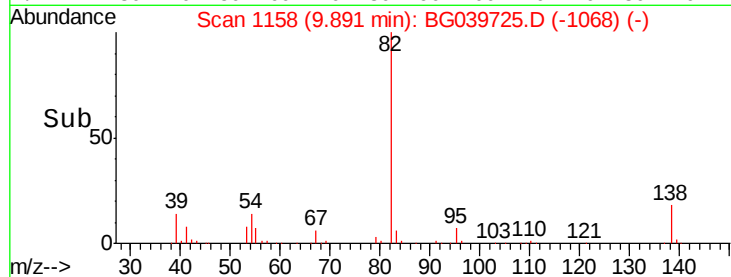
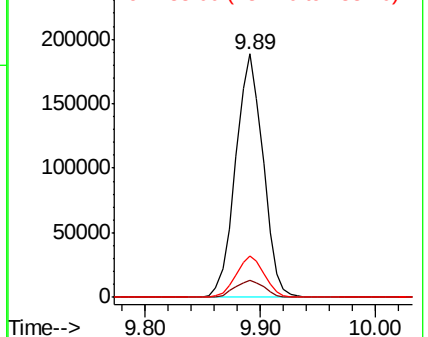
82 100

95 6.9 5.5 8.3

138 16.9 13.5 20.3



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



#26

2-Nitrophenol

Concen: 62.004 ng

RT: 10.08 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

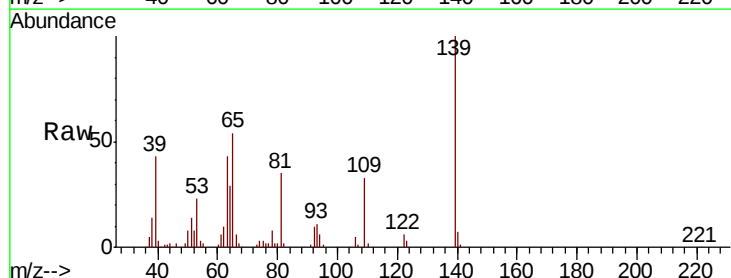
Tgt Ion: 139 Resp: 76943

Ion Ratio Lower Upper

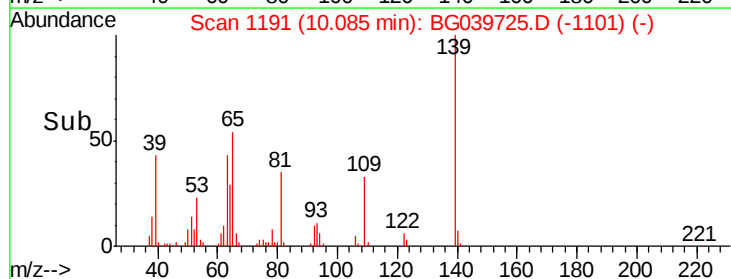
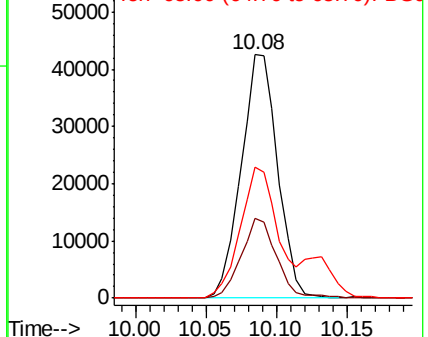
139 100

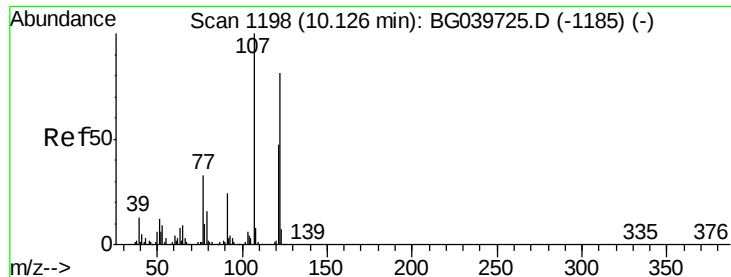
109 32.9 26.3 39.5

65 53.8 43.0 64.6



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

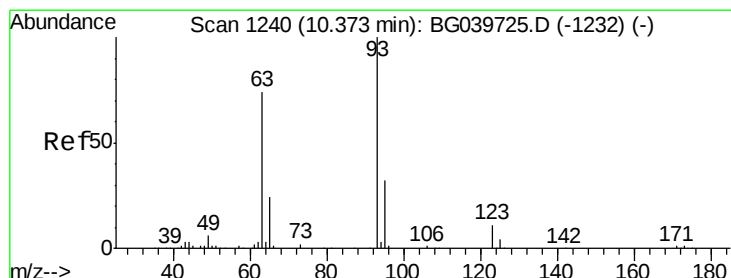
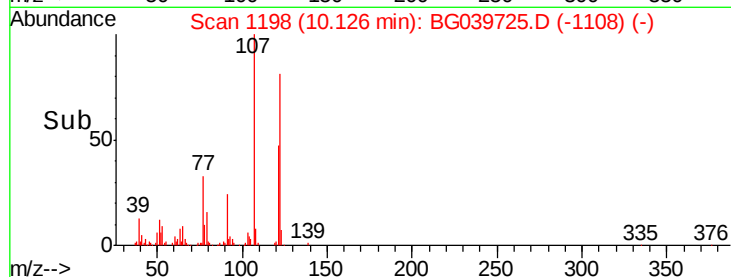
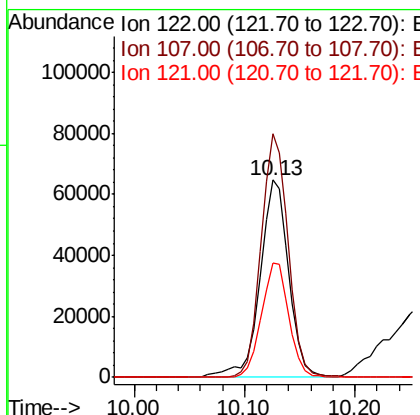
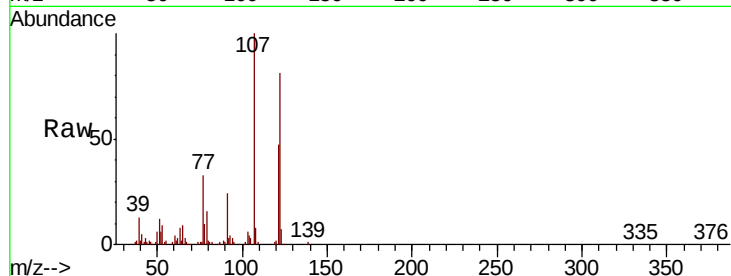




#27
2,4-Dimethylphenol
Concen: 41.818 ng
RT: 10.13 min Scan# 1198
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

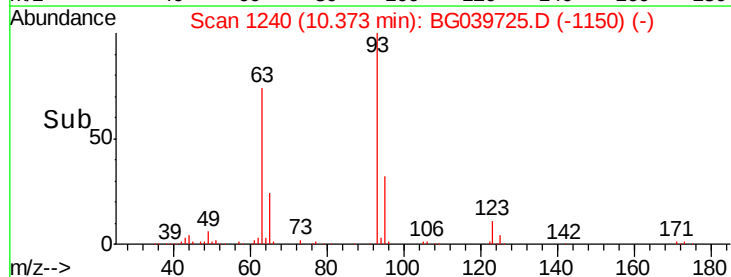
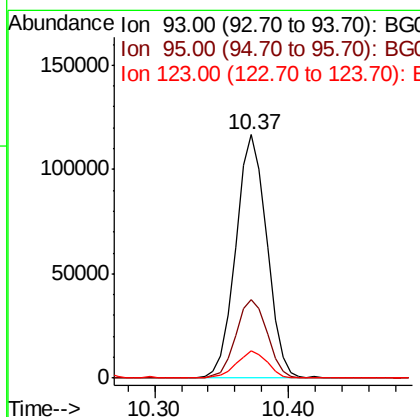
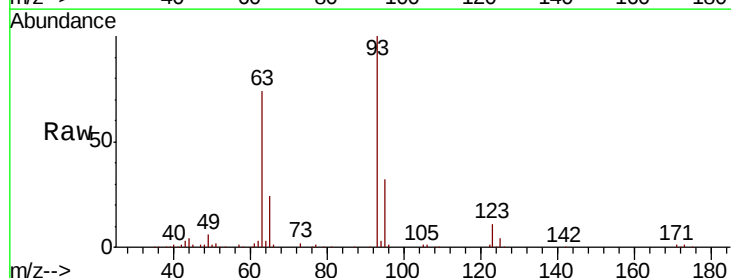
Instrument :
BNA_G
ClientSampleId :

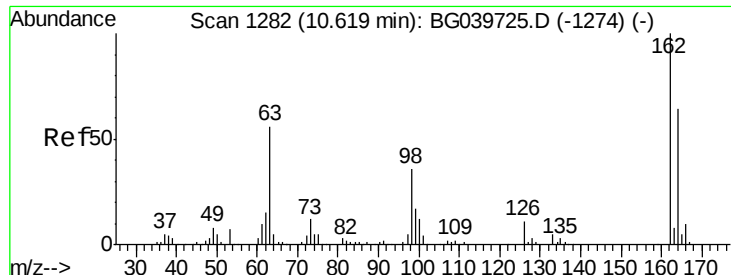
Tot Ion	Ratio	Lower	Upper
122	100		
107	123.4	98.7	148.1
121	57.8	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.895 ng
RT: 10.37 min Scan# 1240
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.8	38.8
123	11.1	8.9	13.3

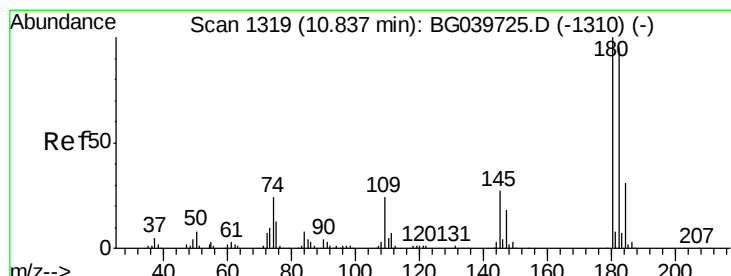
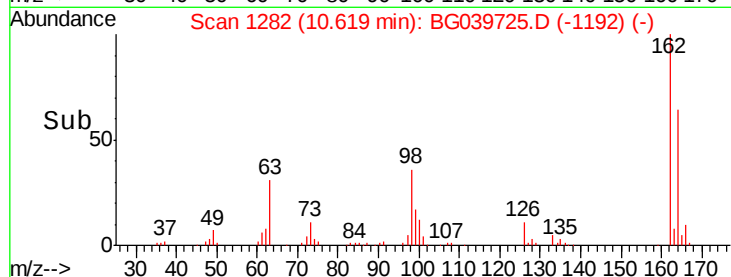
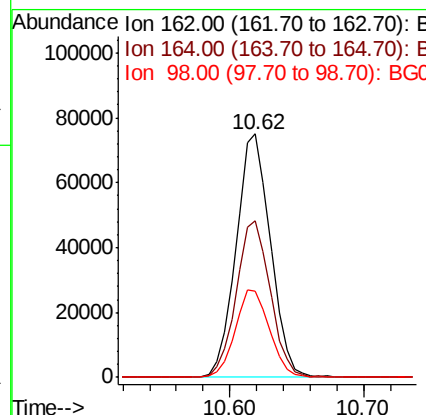
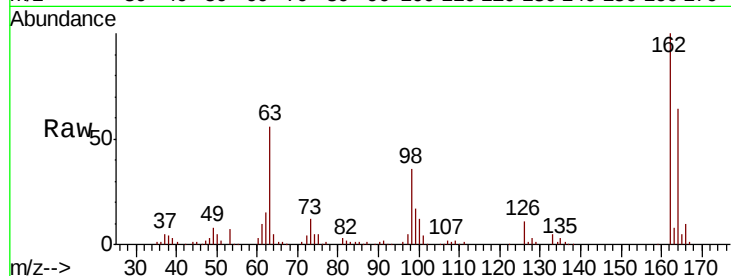




#29
 2,4-Dichlorophenol
 Concen: 43.627 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

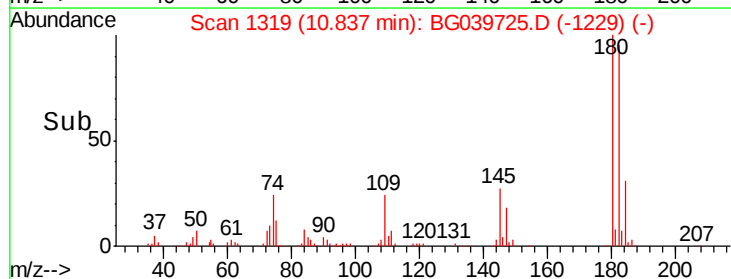
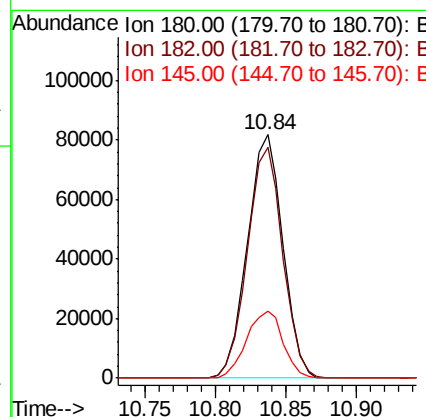
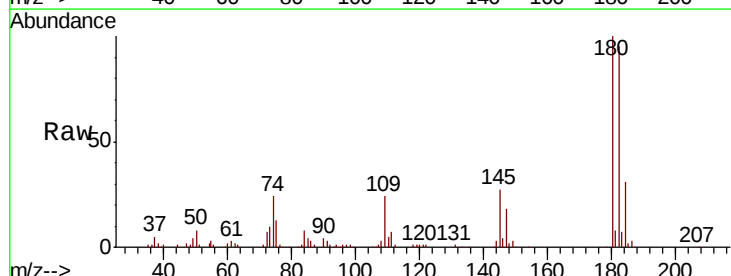
Instrument :
 BNA_G
 ClientSampleId :

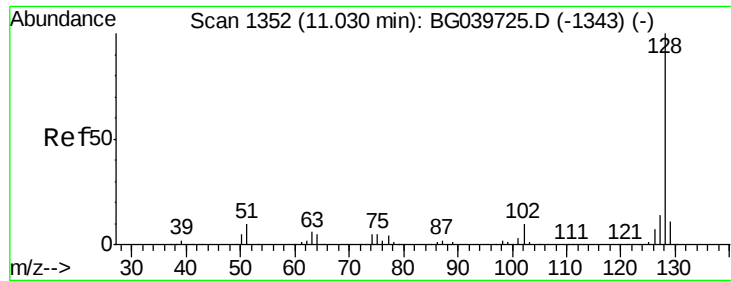
Tot Ion:162 Resp: 134040
 Ion Ratio Lower Upper
 162 100
 164 64.4 44.4 84.4
 98 35.5 15.5 55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.654 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Tgt Ion:180 Resp: 143680
 Ion Ratio Lower Upper
 180 100
 182 94.6 75.7 113.5
 145 27.4 21.9 32.9

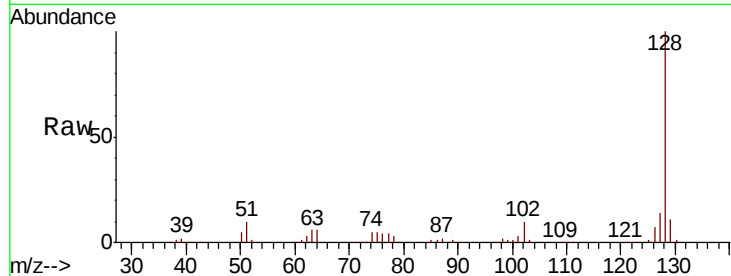




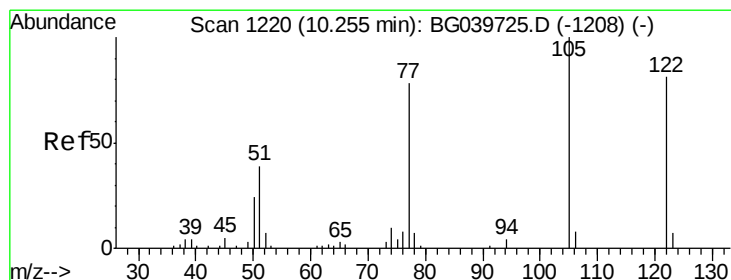
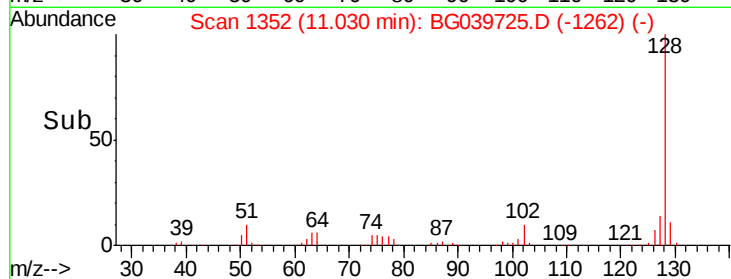
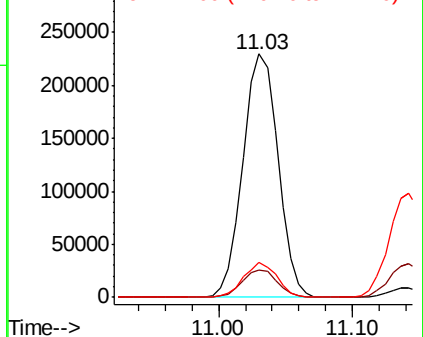
#31
Naphthalene
Concen: 43.026 ng
RT: 11.03 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 418171
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 14.4 11.5 17.3

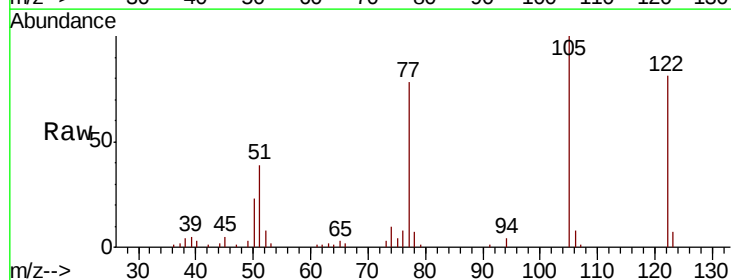


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

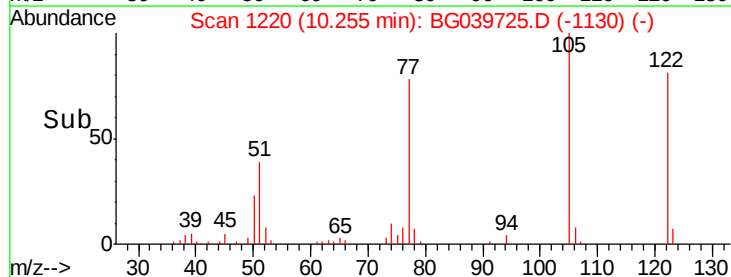
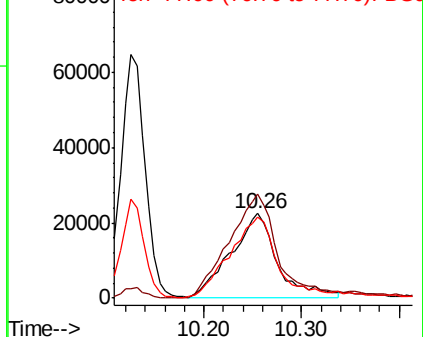


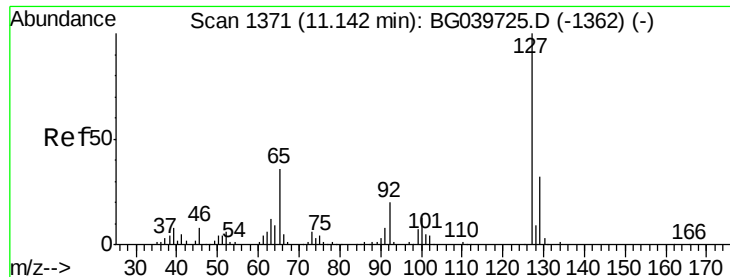
#32
Benzoic acid
Concen: 45.309 ng
RT: 10.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion:122 Resp: 72374
Ion Ratio Lower Upper
122 100
105 123.3 103.3 143.3
77 96.5 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): BGO

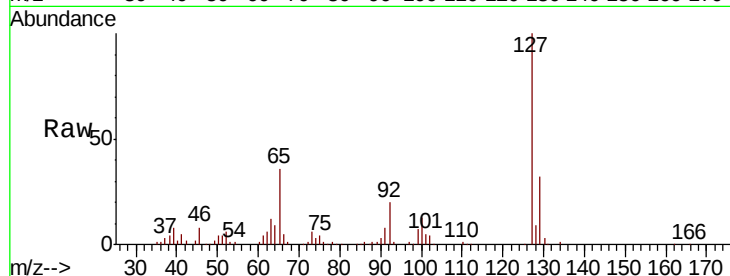




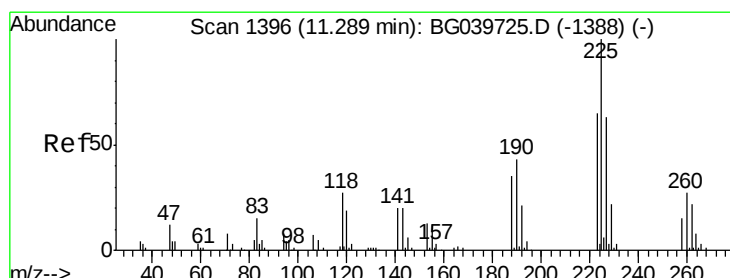
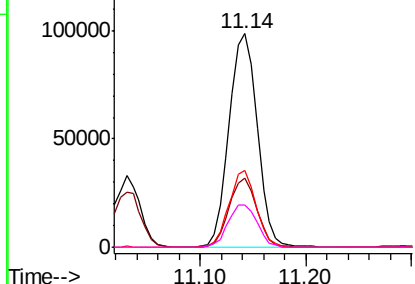
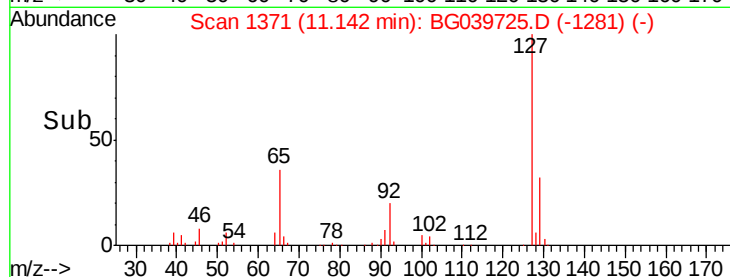
#33
4-Chloroaniline
Concen: 40.503 ng
RT: 11.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	182522
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	36.2	29.0	43.4
92	20.0	16.0	24.0

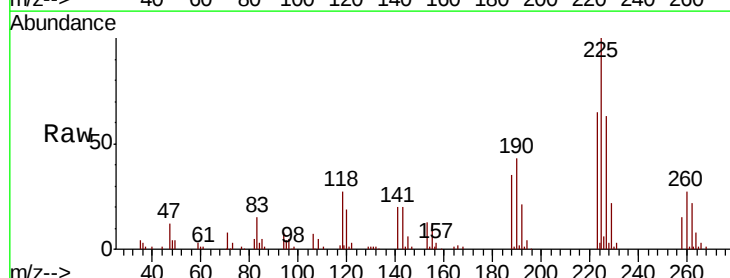


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

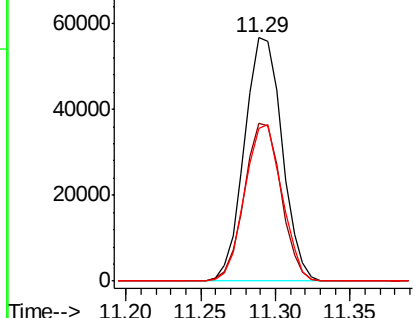
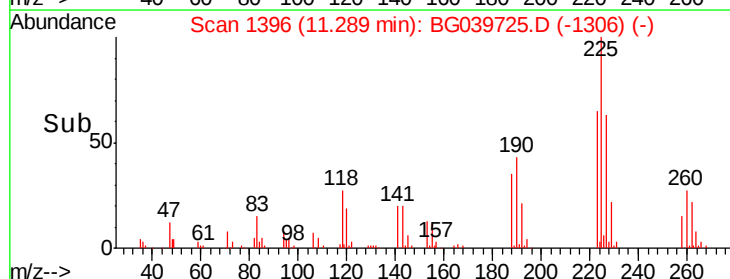


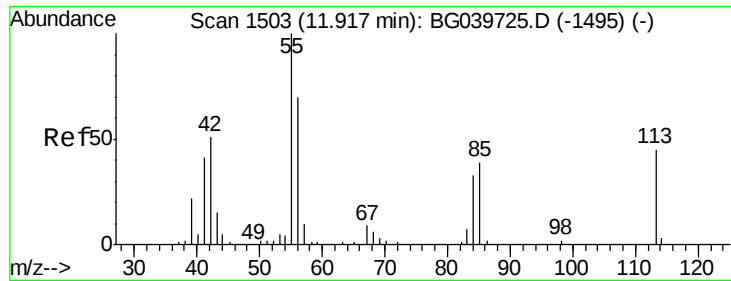
#34
Hexachlorobutadiene
Concen: 43.189 ng
RT: 11.29 min Scan# 1396
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion:	225	Resp:	99073
Ion	Ratio	Lower	Upper
225	100		
223	64.7	51.8	77.6
227	62.9	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

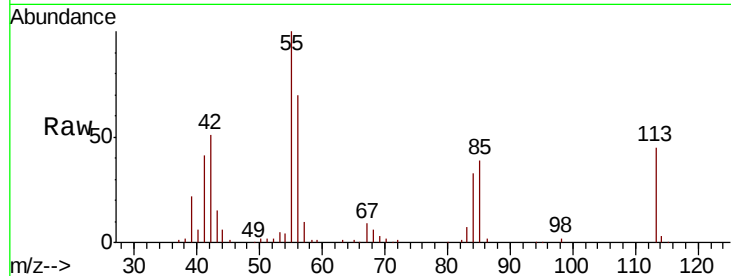




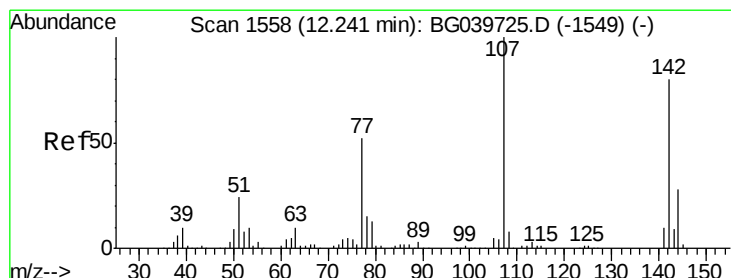
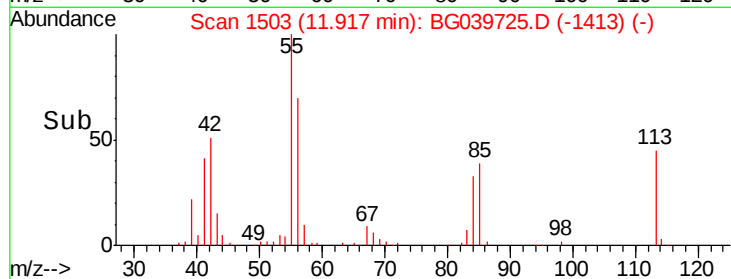
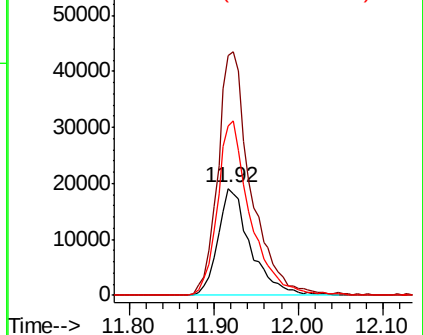
#35
 Caprolactam
 Concen: 40.194 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 51102
 Ion Ratio Lower Upper
 113 100
 55 224.4 204.4 244.4
 56 158.2 138.2 178.2

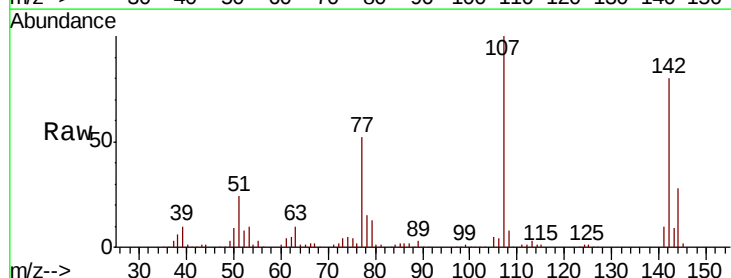


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

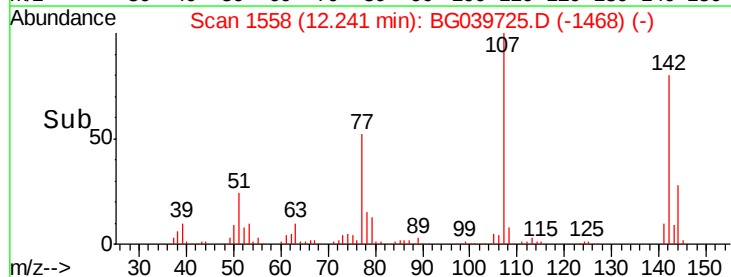
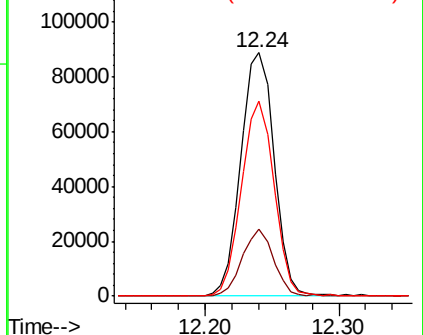


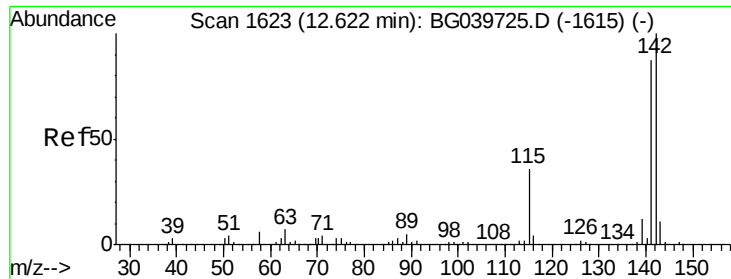
#36
 4-Chloro-3-methylphenol
 Concen: 43.297 ng
 RT: 12.24 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Tgt Ion:107 Resp: 153844
 Ion Ratio Lower Upper
 107 100
 144 27.8 22.2 33.4
 142 80.2 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

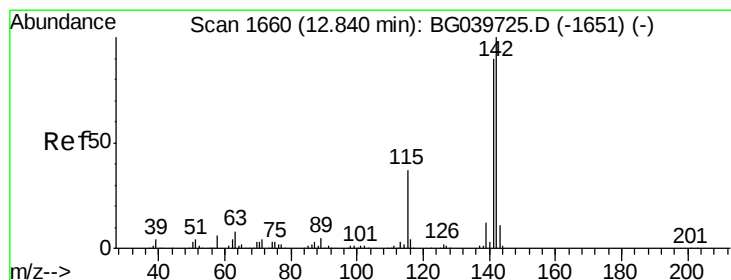
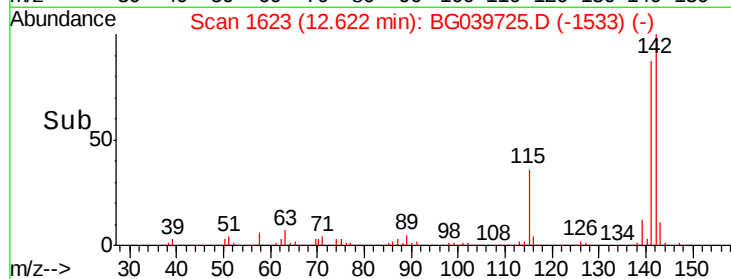
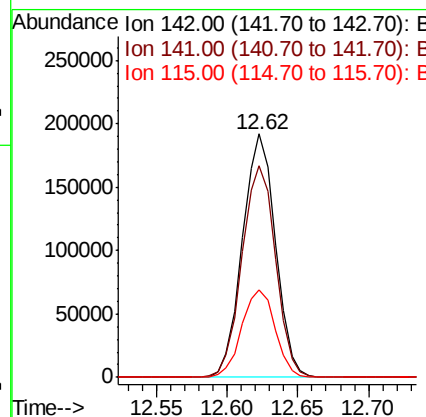
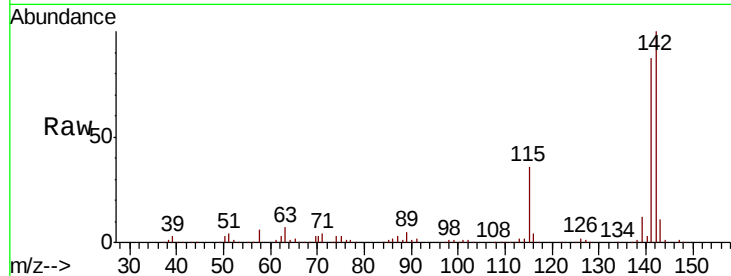




#37
2-Methylnaphthalene
Concen: 43.517 ng
RT: 12.62 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

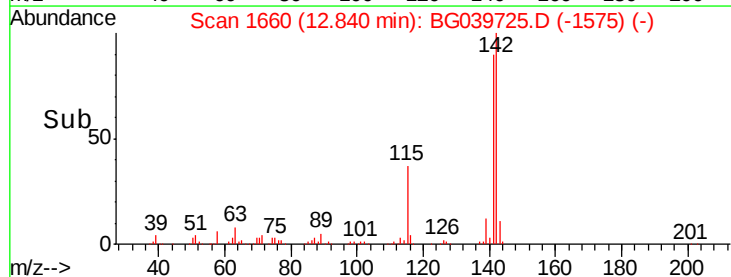
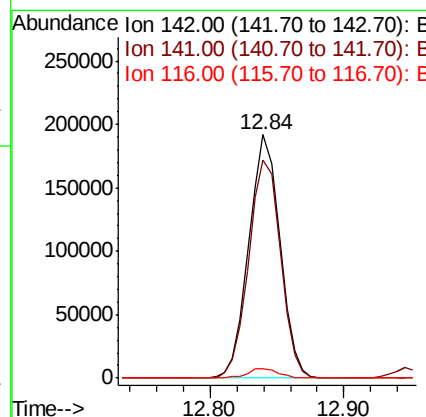
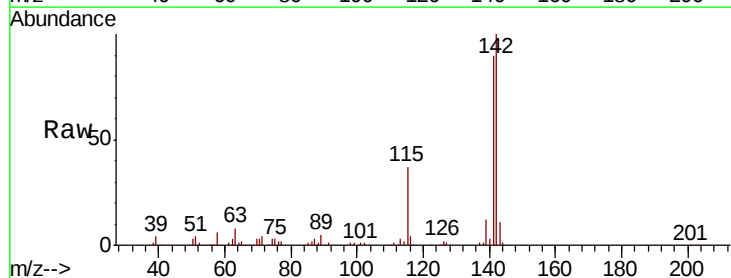
Instrument :
BNA_G
ClientSampleId :

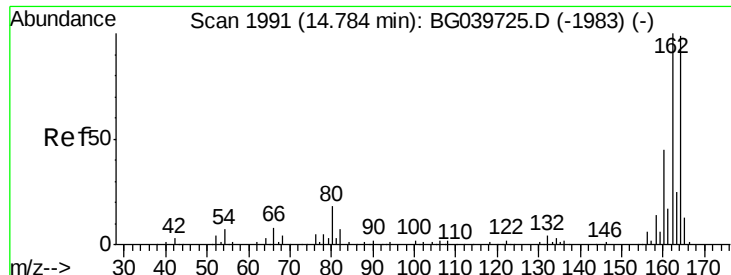
Tot Ion:142 Resp: 313250
Ion Ratio Lower Upper
142 100
141 86.9 69.5 104.3
115 36.0 28.8 43.2



#38
1-Methylnaphthalene
Concen: 44.271 ng
RT: 12.84 min Scan# 1660
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion:142 Resp: 307189
Ion Ratio Lower Upper
142 100
141 89.7 71.8 107.6
116 3.9 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

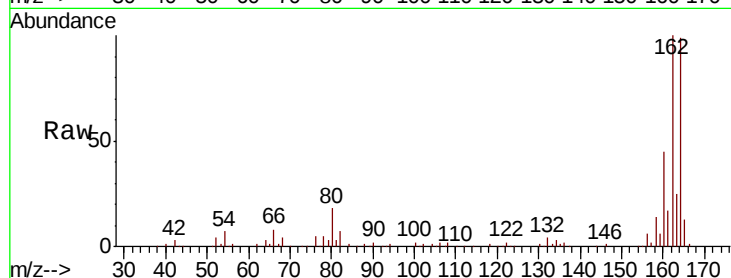
Tot Ion:164 Resp: 133227

Ion Ratio Lower Upper

164 100

162 100.9 80.7 121.1

160 45.3 36.2 54.4

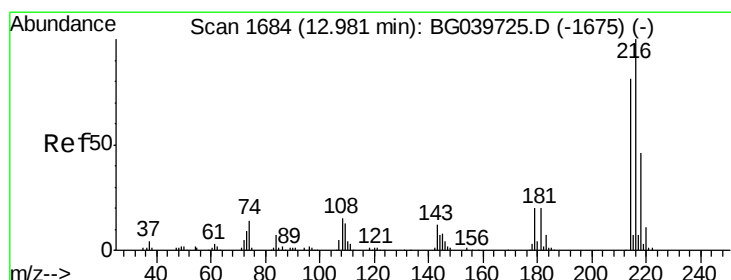
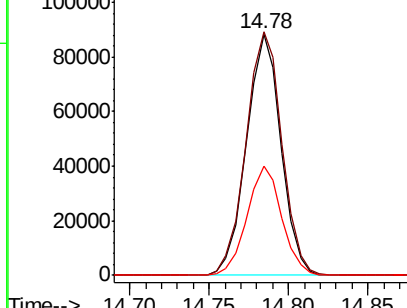
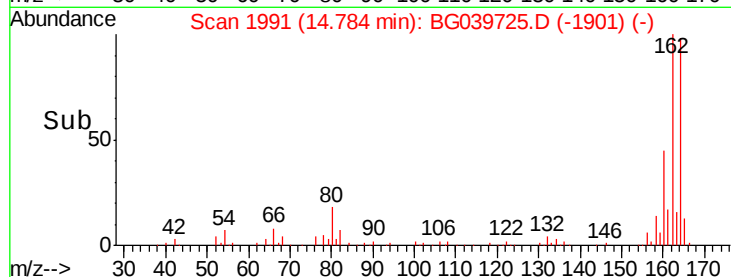


Abundance

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: 42.471 ng

RT: 12.98 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Tgt Ion:216 Resp: 180032

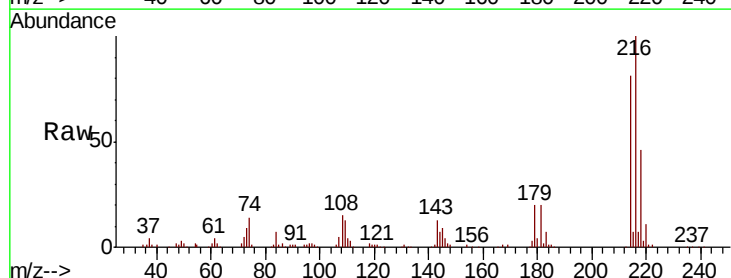
Ion Ratio Lower Upper

216 100

214 79.0 63.2 94.8

179 20.3 16.2 24.4

108 16.7 13.4 20.0



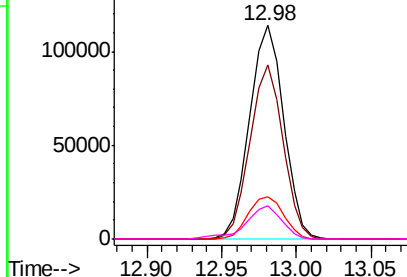
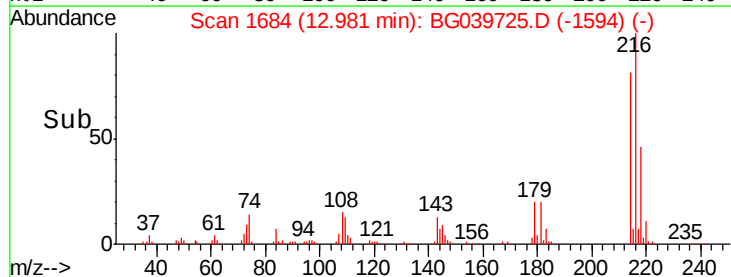
Abundance

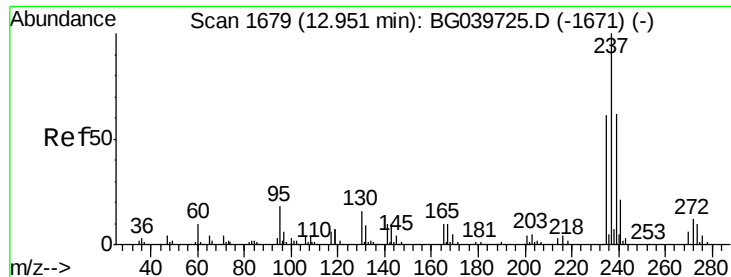
Ion 216.00 (215.70 to 216.70): E

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: 42.616 ng

RT: 12.95 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

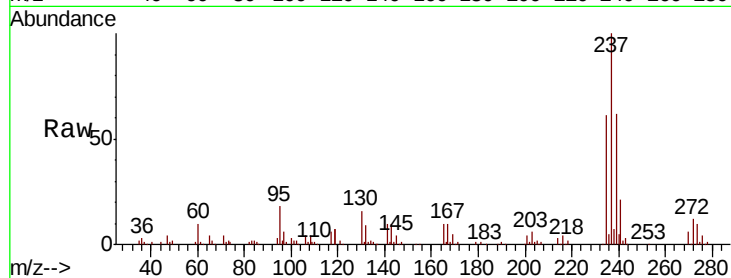
Tot Ion:237 Resp: 98435

Ion Ratio Lower Upper

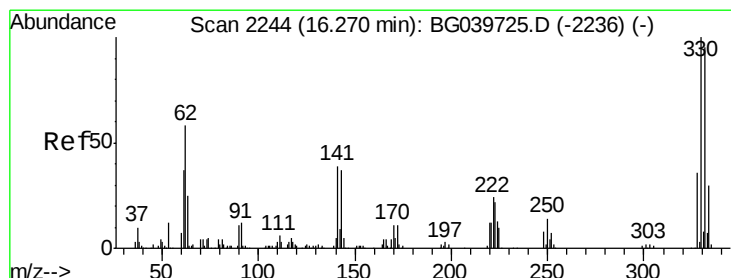
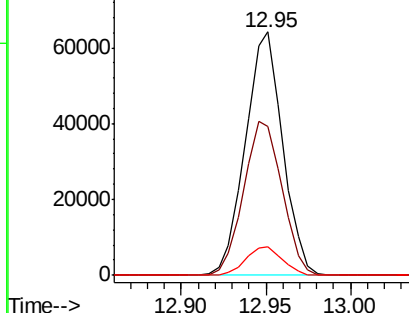
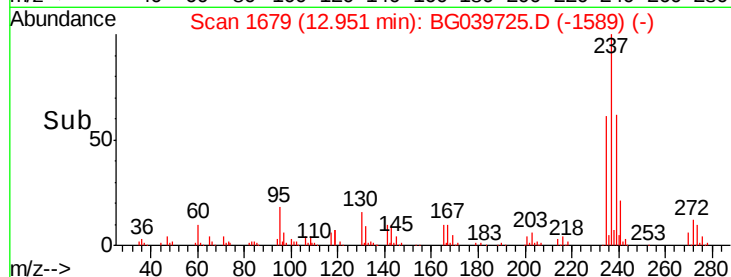
237 100

235 61.0 41.0 81.0

272 11.5 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: 91.389 ng

RT: 16.27 min Scan# 2244

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

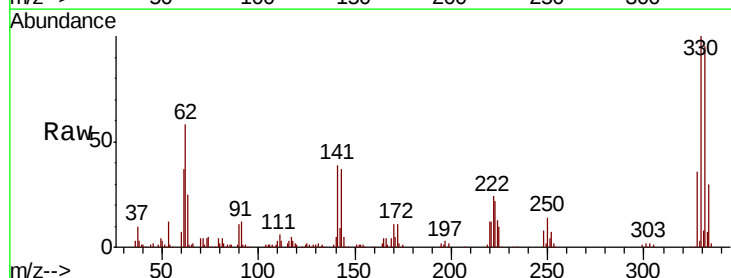
Tgt Ion:330 Resp: 131109

Ion Ratio Lower Upper

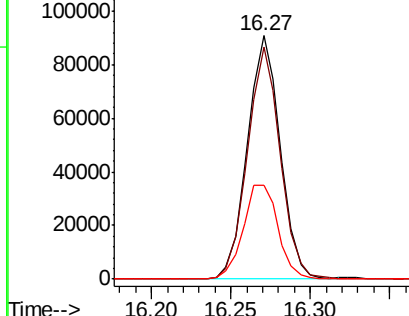
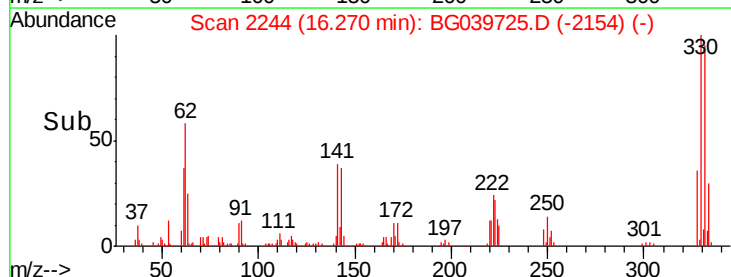
330 100

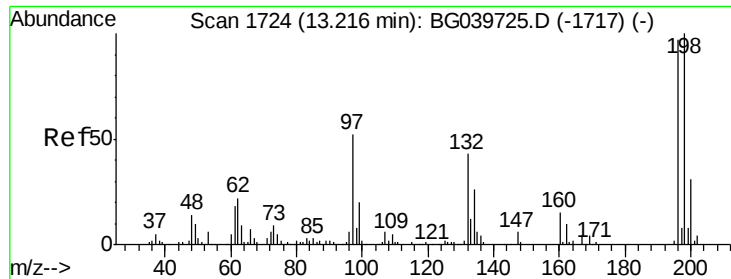
332 94.7 75.8 113.6

141 41.0 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

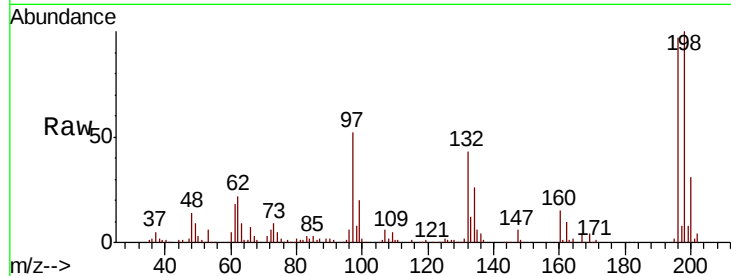




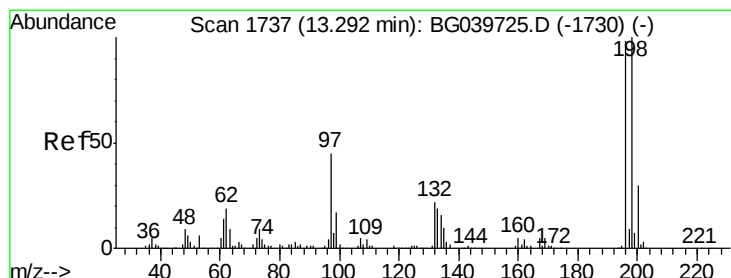
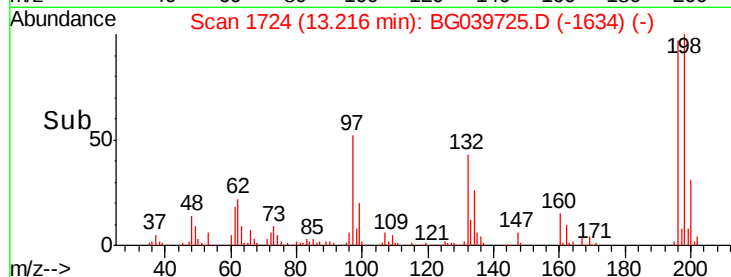
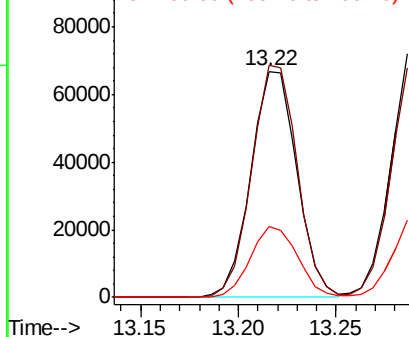
#43
 2,4,6-Trichlorophenol
 Concen: 42.053 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 109602
 Ion Ratio Lower Upper
 196 100
 198 102.6 82.1 123.1
 200 31.4 25.1 37.7



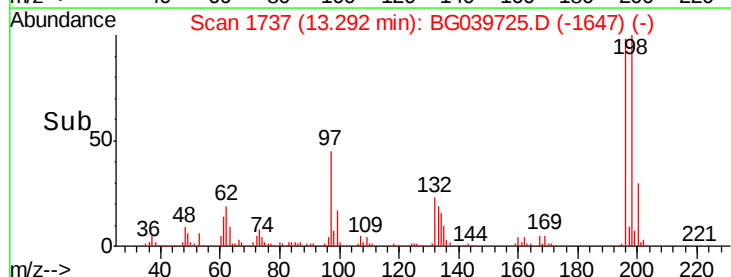
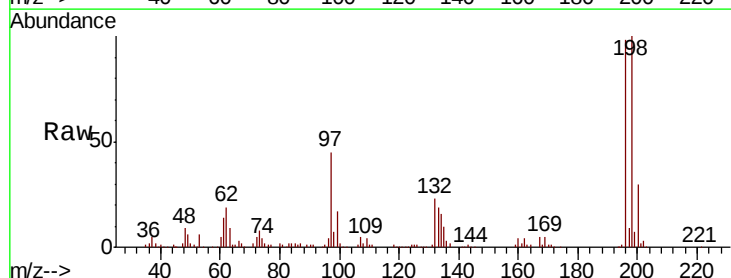
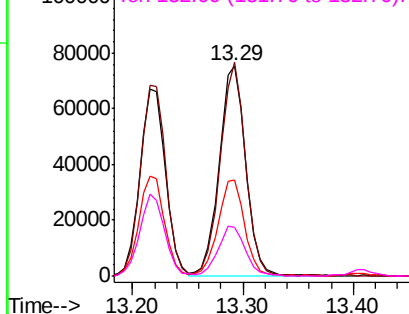
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

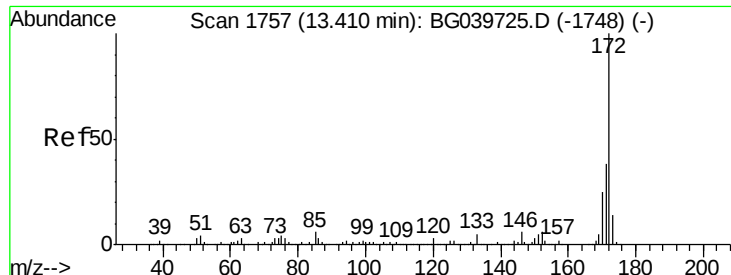


#44
 2,4,5-Trichlorophenol
 Concen: 46.257 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Tgt Ion:196 Resp: 126355
 Ion Ratio Lower Upper
 196 100
 198 101.7 81.4 122.0
 97 45.5 36.4 54.6
 132 23.1 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

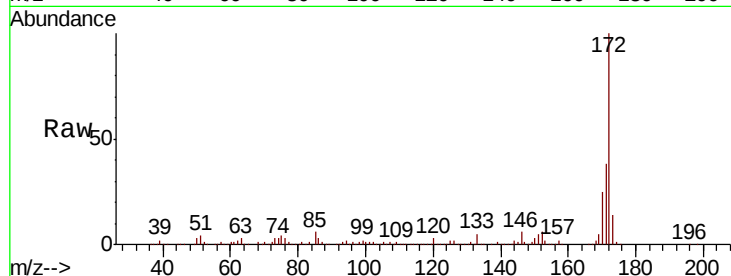




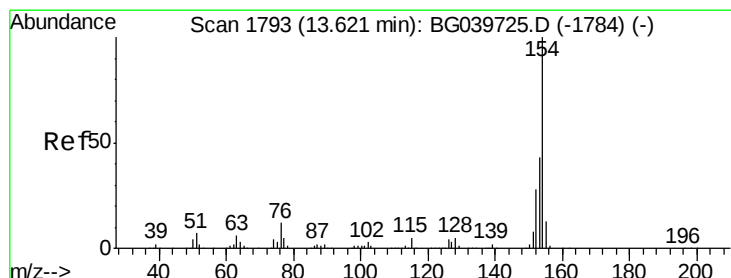
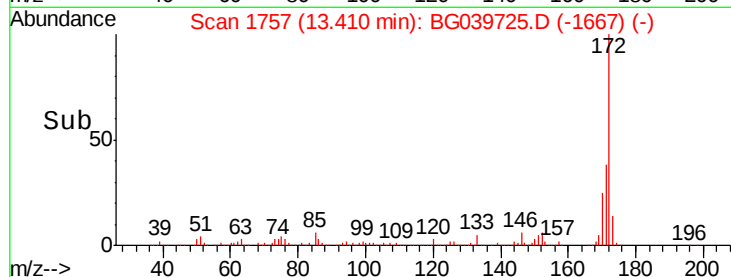
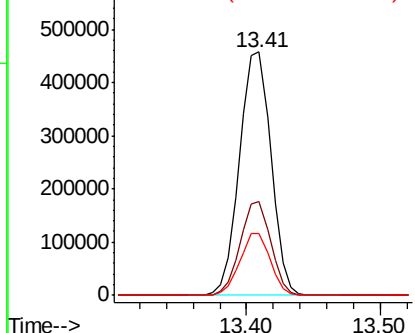
#45
2-Fluorobiphenyl
Concen: 80.320 ng
RT: 13.41 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 745932
Ion Ratio Lower Upper
172 100
171 38.4 30.7 46.1
170 25.2 20.2 30.2

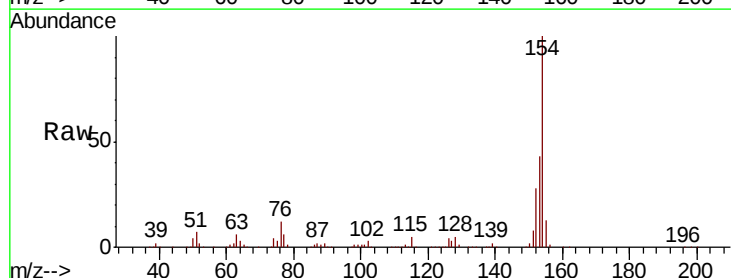


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

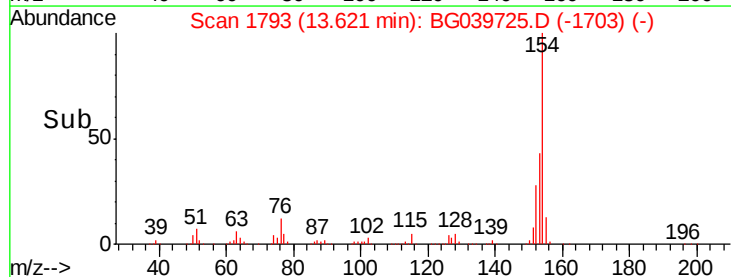
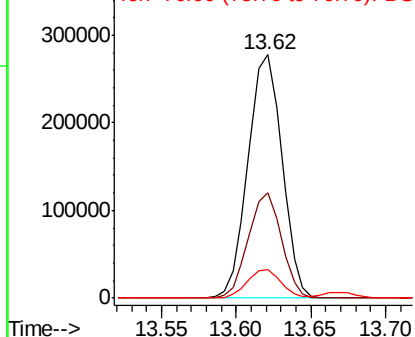


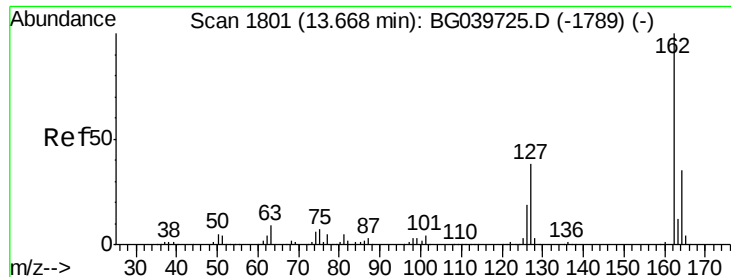
#46
1,1'-Biphenyl
Concen: 39.517 ng
RT: 13.62 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion:154 Resp: 438035
Ion Ratio Lower Upper
154 100
153 43.2 23.2 63.2
76 11.7 0.0 31.7



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

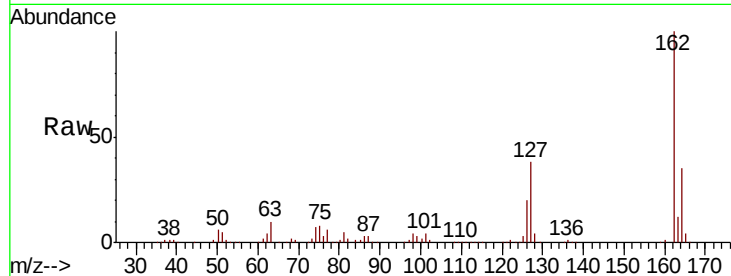




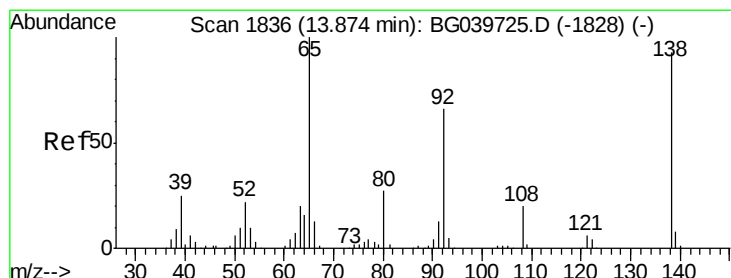
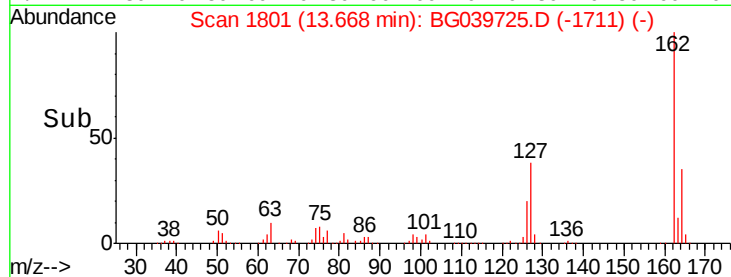
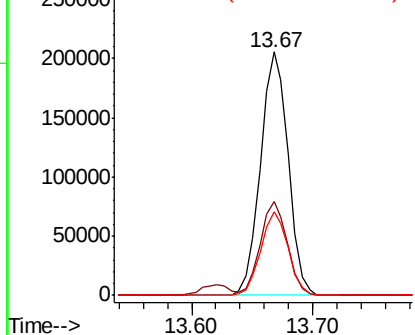
#47
 2-Chloronaphthalene
 Concen: 39.285 ng
 RT: 13.67 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 327592
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.7 46.1
 164 34.5 27.6 41.4

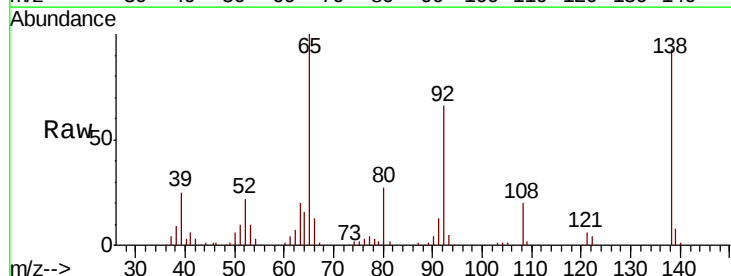


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

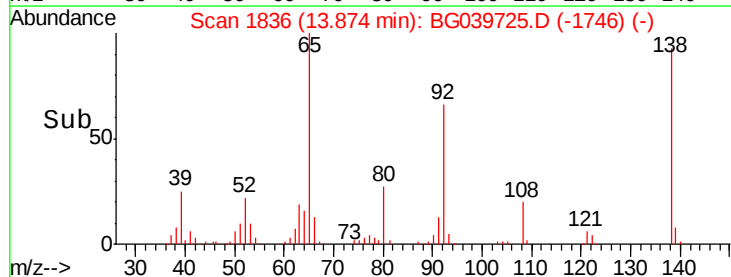
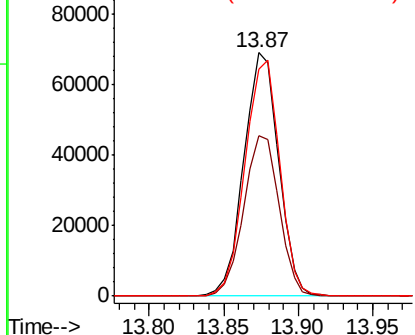


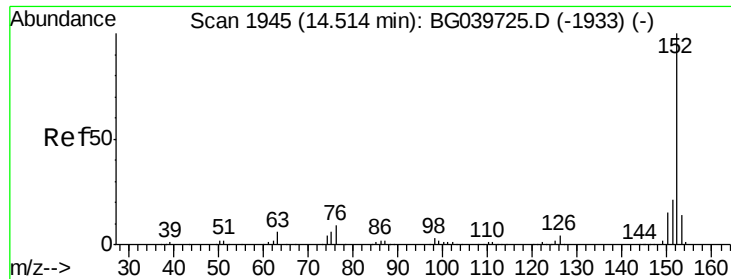
#48
 2-Nitroaniline
 Concen: 52.528 ng
 RT: 13.87 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Tgt Ion: 65 Resp: 111171
 Ion Ratio Lower Upper
 65 100
 92 65.8 52.6 79.0
 138 93.2 74.6 111.8



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





#49

Acenaphthylene

Concen: 43.751 ng

RT: 14.51 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

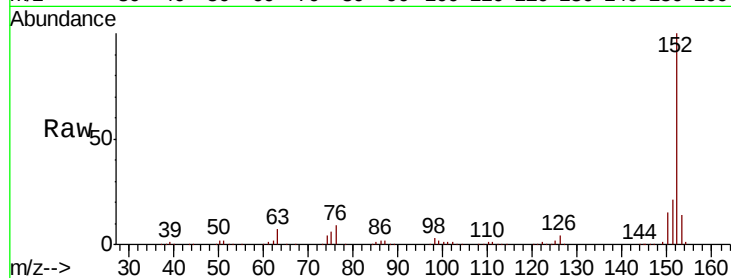
Tot Ion:152 Resp: 550510

Ion Ratio Lower Upper

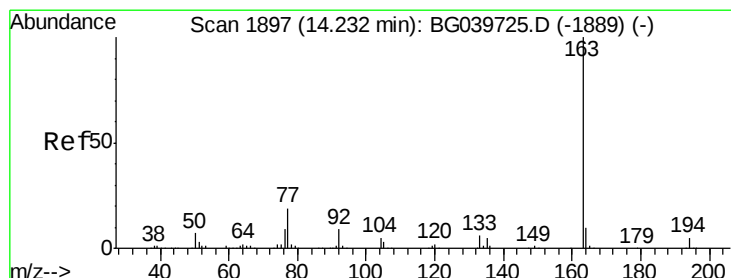
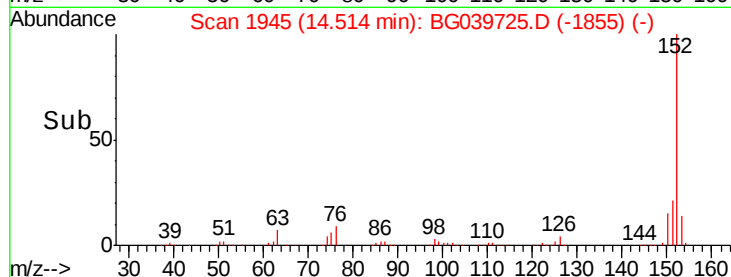
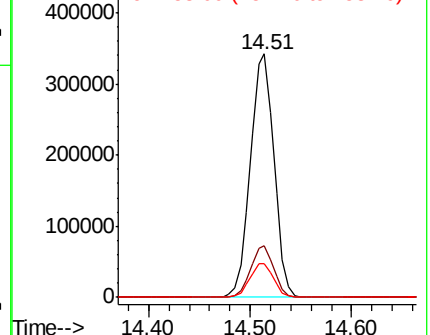
152 100

151 20.9 16.7 25.1

153 13.9 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: 42.020 ng

RT: 14.23 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

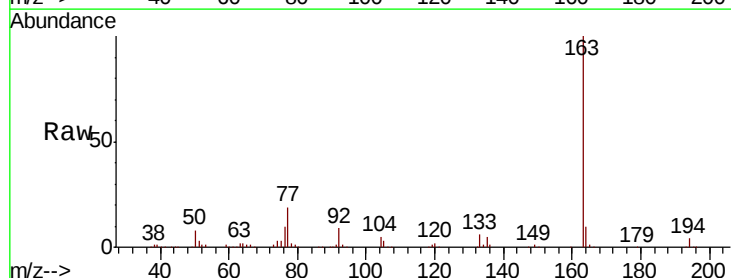
Tgt Ion:163 Resp: 452135

Ion Ratio Lower Upper

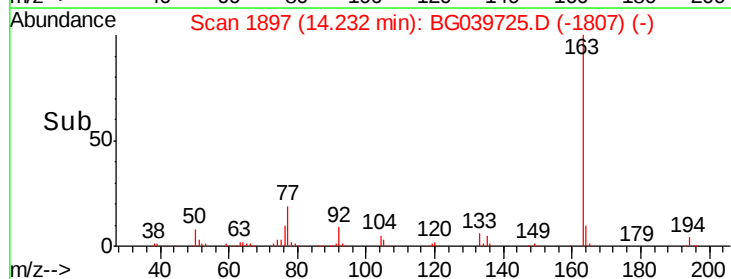
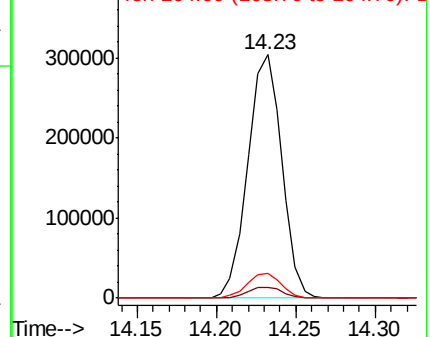
163 100

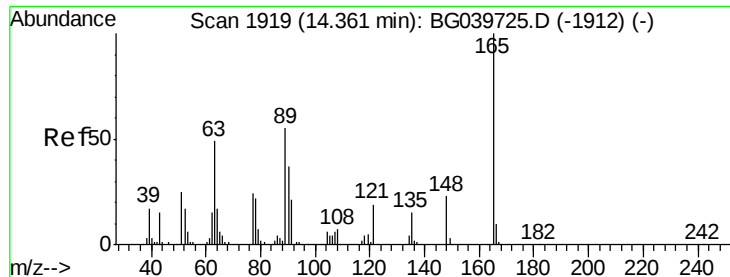
194 4.5 3.6 5.4

164 10.2 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

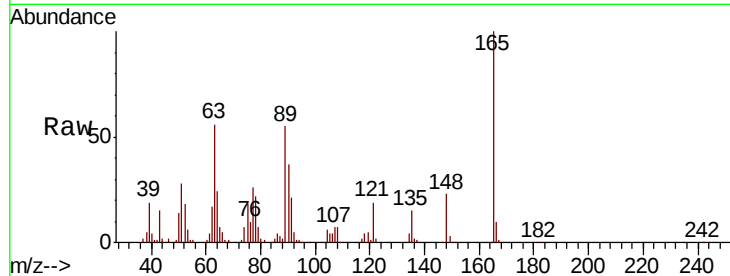




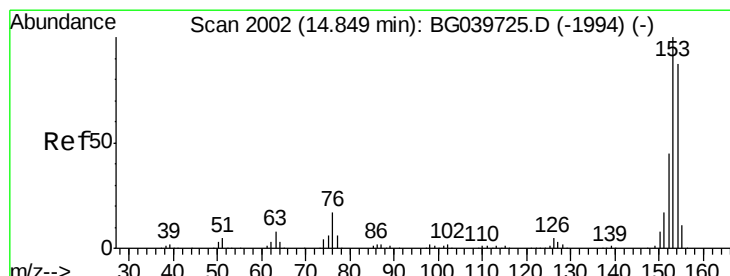
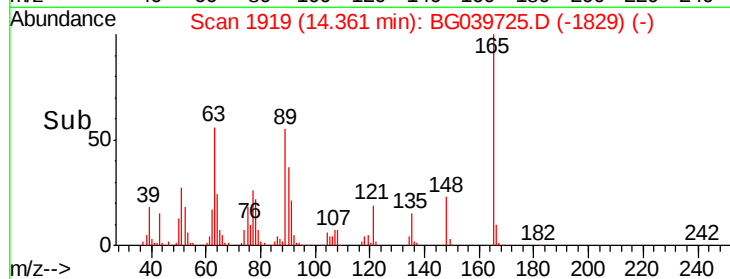
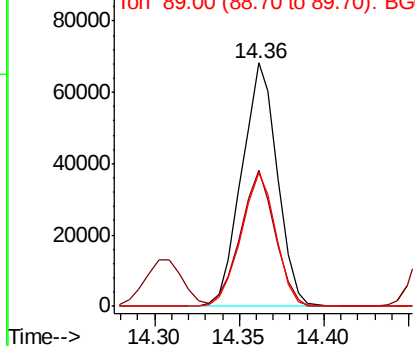
#51
2,6-Dinitrotoluene
Concen: 55.029 ng
RT: 14.36 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 100071
Ion Ratio Lower Upper
165 100
63 55.7 44.6 66.8
89 55.0 44.0 66.0

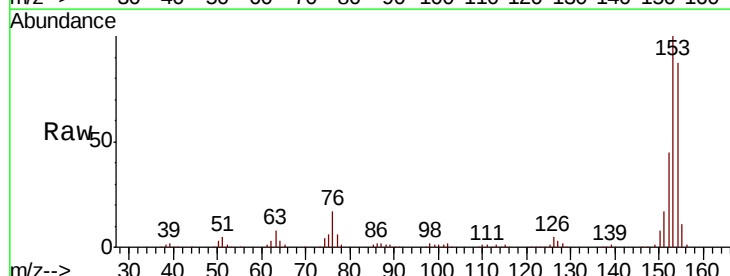


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

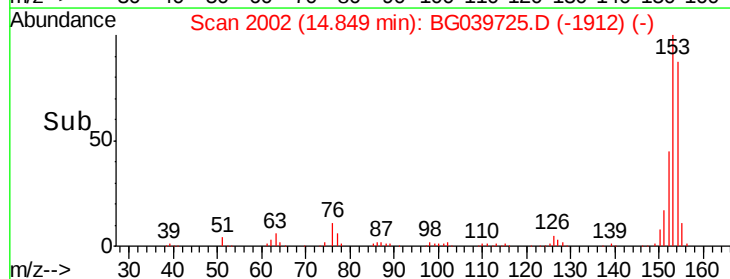
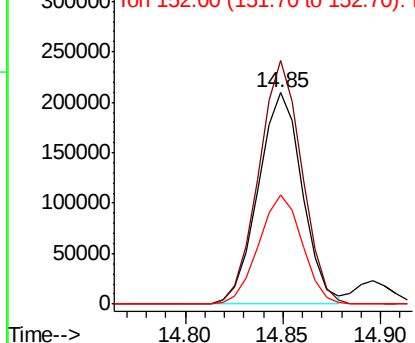


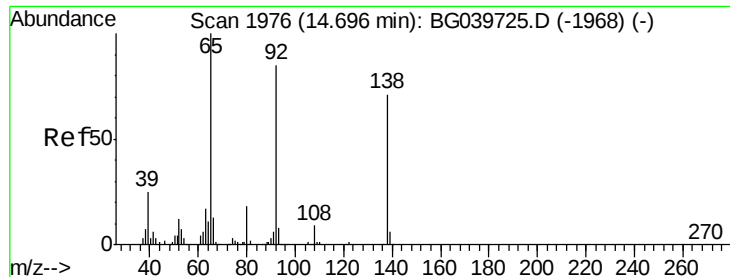
#52
Acenaphthene
Concen: 39.981 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion:154 Resp: 326550
Ion Ratio Lower Upper
154 100
153 115.3 92.2 138.4
152 52.0 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

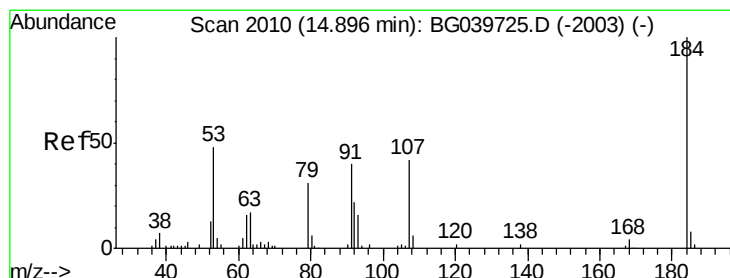
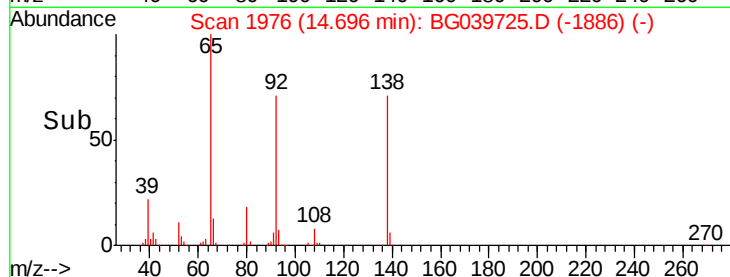
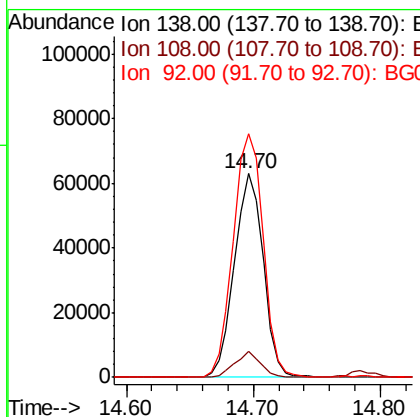
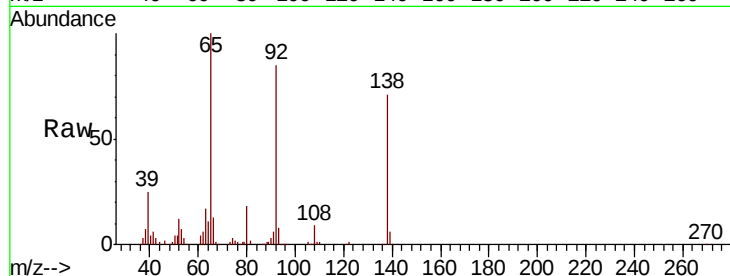




#53
3-Nitroaniline
Concen: 49.981 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

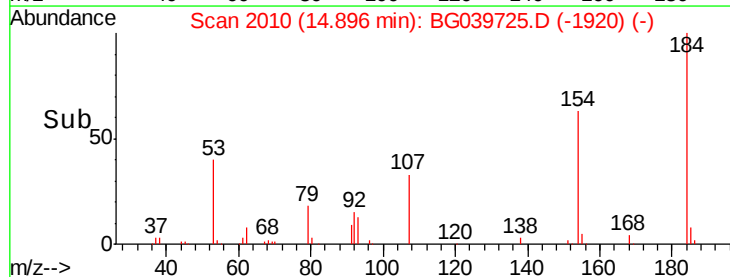
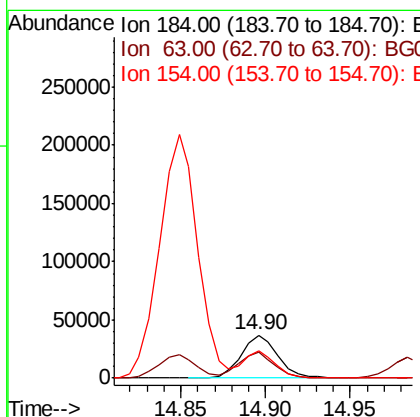
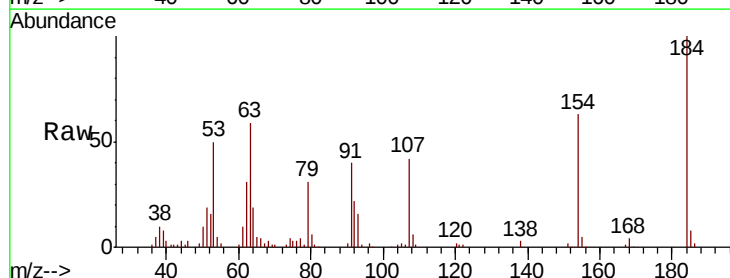
Instrument :
BNA_G
ClientSampleId :

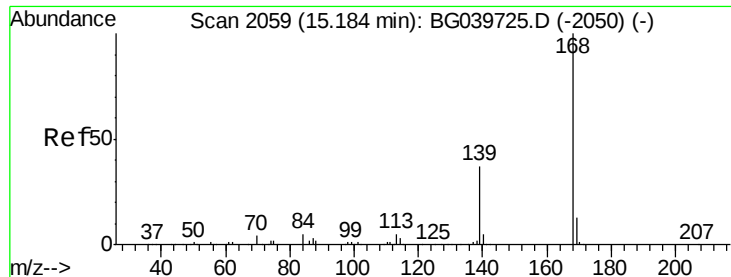
Tot Ion:138 Resp: 99324
Ion Ratio Lower Upper
138 100
108 12.5 10.0 15.0
92 119.6 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 81.052 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion:184 Resp: 55309
Ion Ratio Lower Upper
184 100
63 59.2 47.4 71.0
154 62.6 50.1 75.1

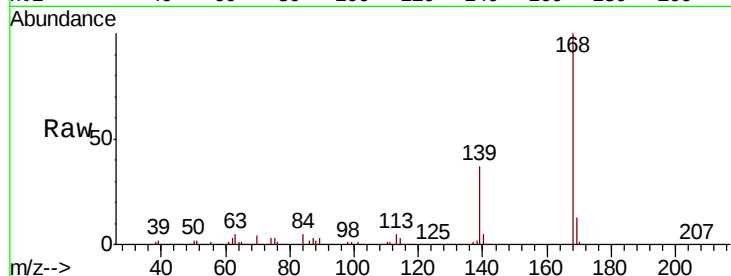




#55
Dibenzenofuran
Concen: 41.068 ng
RT: 15.18 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.6
169	13.3	10.6	16.0

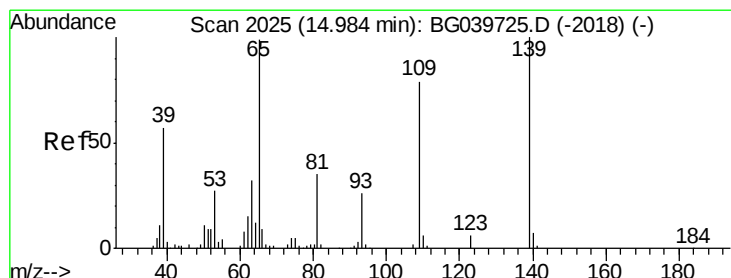
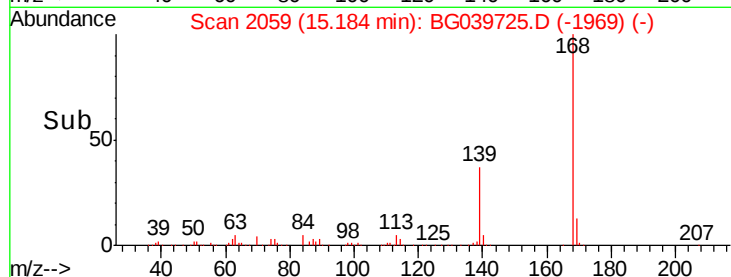
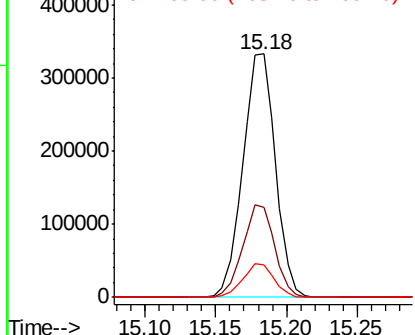


Abundance

Ion 168.00 (167.70 to 168.70): E

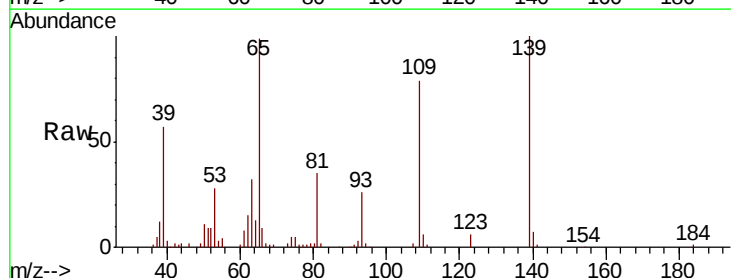
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 52.574 ng
RT: 14.98 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.7	58.7	98.7
65	99.3	79.3	119.3

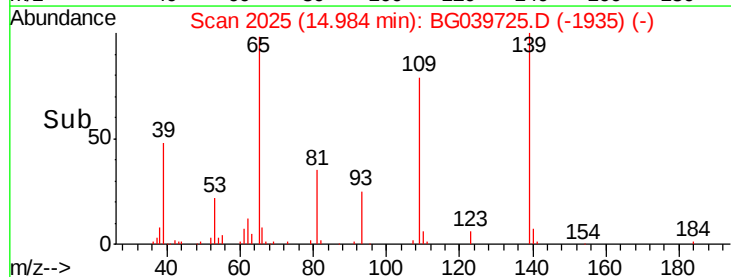
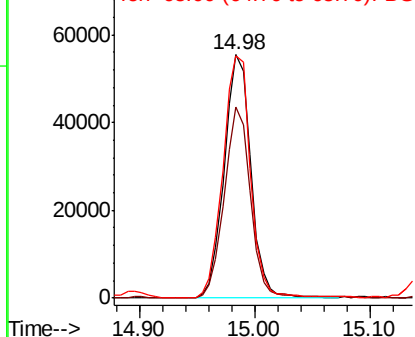


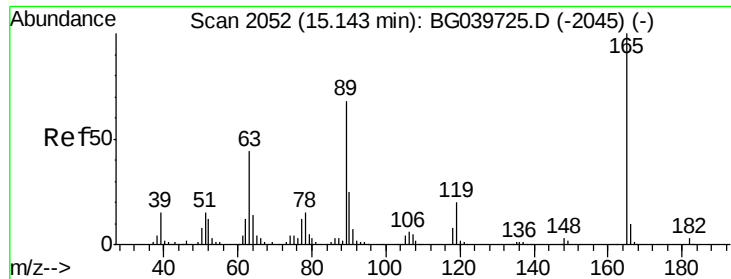
Abundance

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

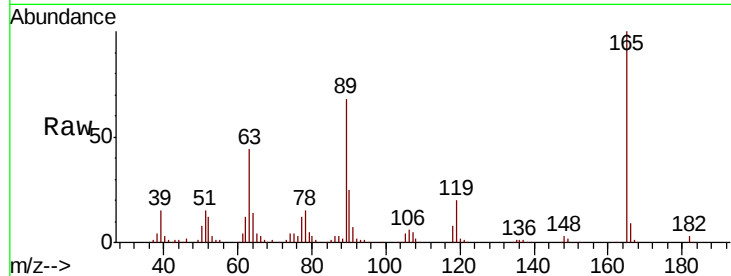




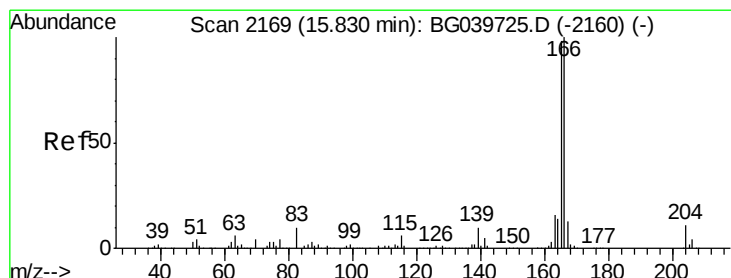
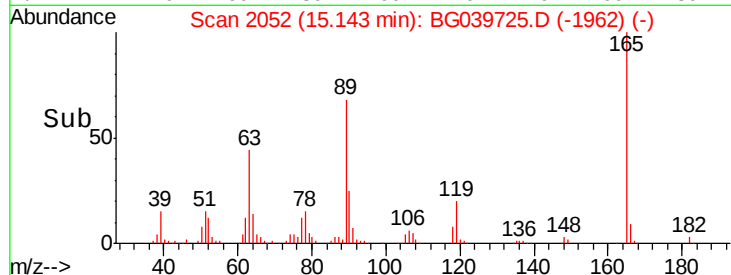
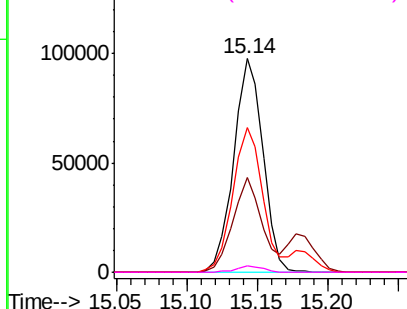
#57
 2,4-Dinitrotoluene
 Concen: 61.411 ng
 RT: 15.14 min Scan# 2052
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	140752
Ion Ratio	Lower	Upper
165	100	
63	44.2	35.4 53.0
89	67.6	54.1 81.1
182	2.8	2.2 3.4

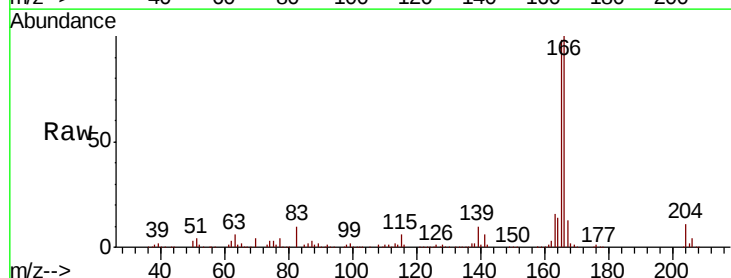


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

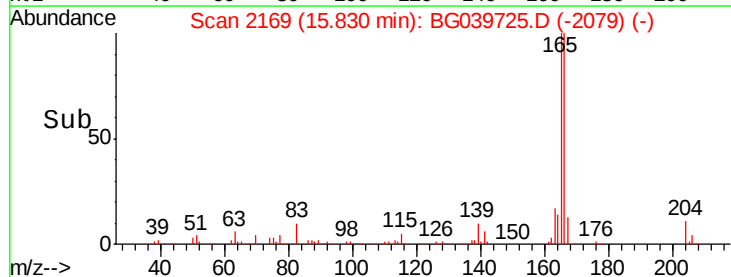
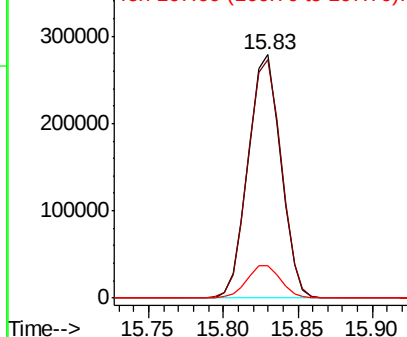


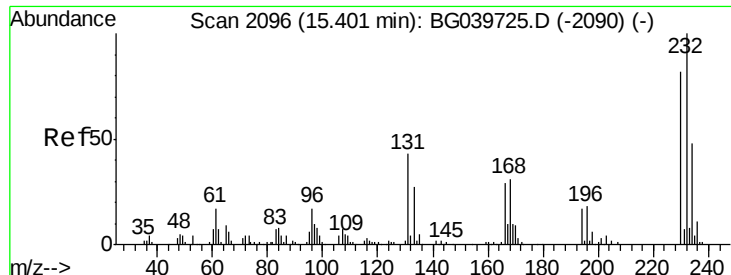
#58
 Fluorene
 Concen: 43.193 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Tgt Ion:166	Resp:	421658
Ion Ratio	Lower	Upper
166	100	
165	98.1	78.5 117.7
167	13.2	10.6 15.8



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

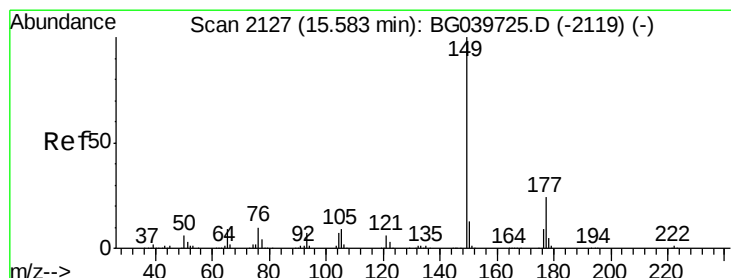
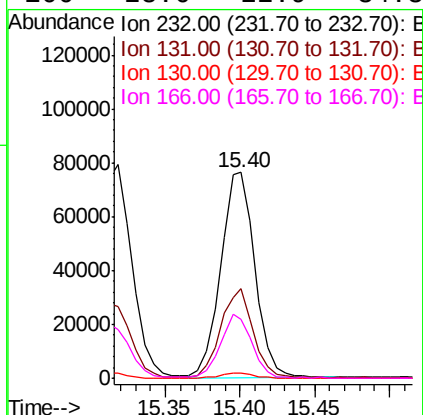
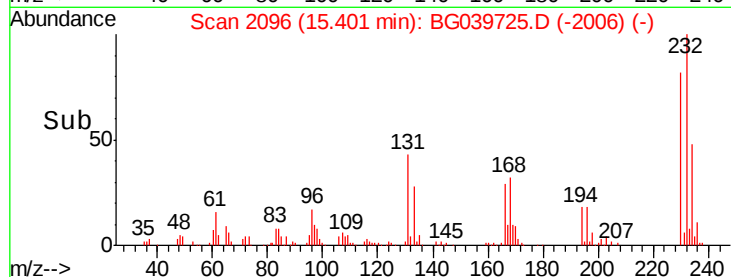
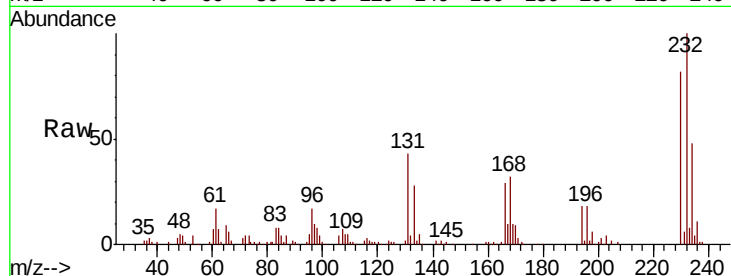




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.697 ng
RT: 15.40 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

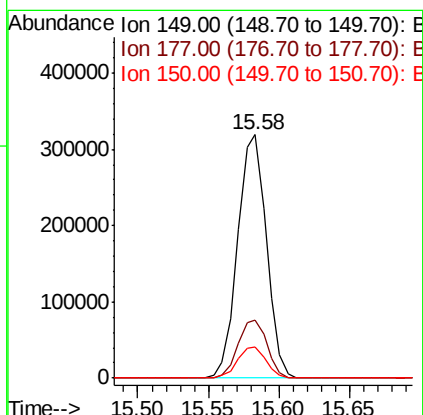
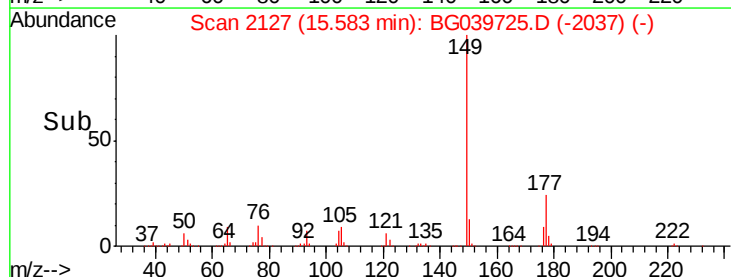
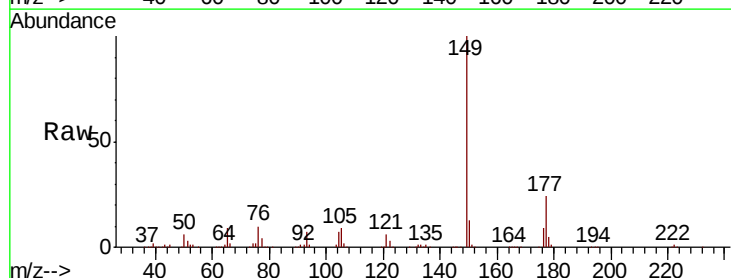
Instrument :
BNA_G
ClientSampled :

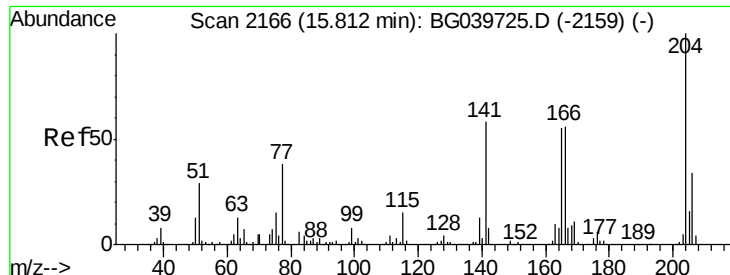
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.8	32.6	49.0
130	2.5	2.0	3.0
166	28.6	22.9	34.3



#60
Diethylphthalate
Concen: 40.737 ng
RT: 15.58 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	18.9	28.3
150	12.9	10.3	15.5

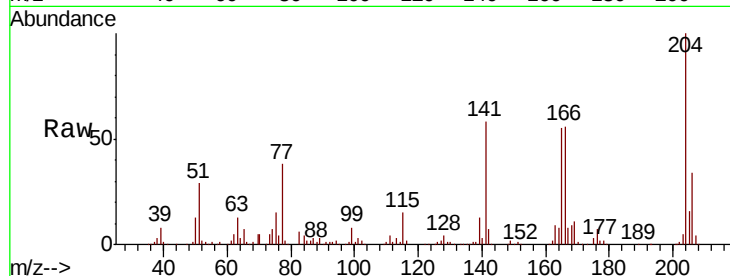




#61
4-Chlorophenyl-phenylether
Concen: 40.934 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.7	27.0	40.4
141	58.0	46.4	69.6

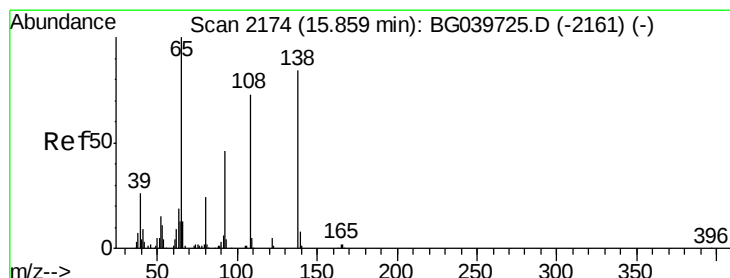
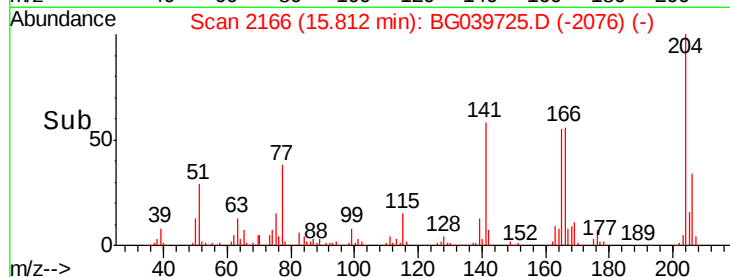
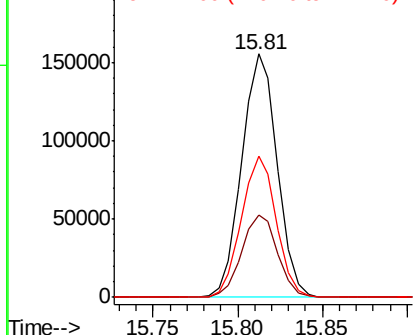


Abundance

Ion 204.00 (203.70 to 204.70): E

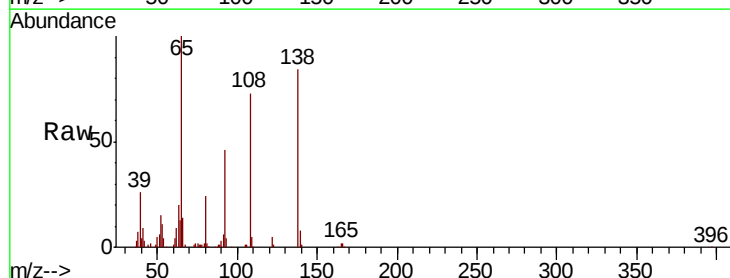
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 52.183 ng
RT: 15.86 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	34.9	74.9
108	87.5	67.5	107.5

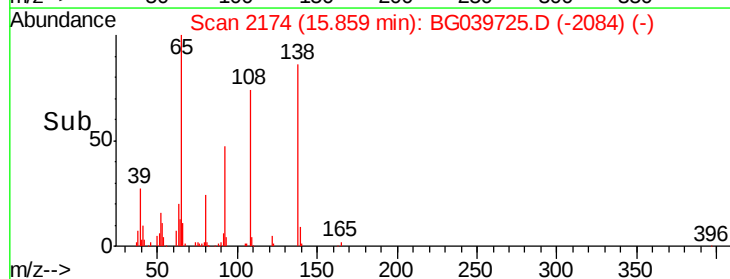
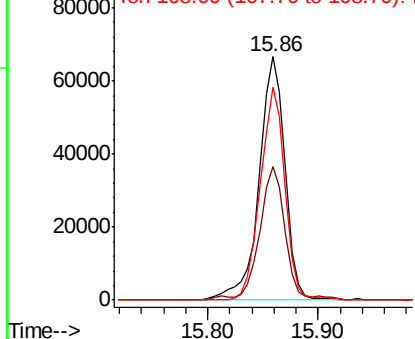


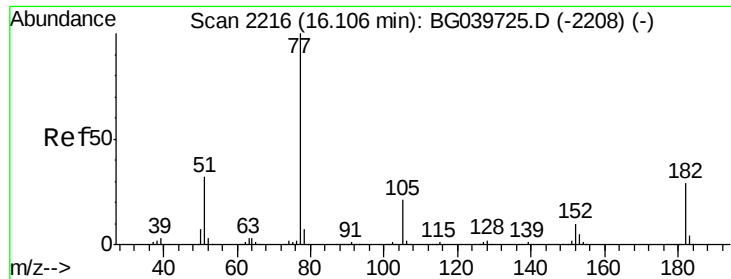
Abundance

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: 37.032 ng

RT: 16.11 min Scan# 2216

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 402672

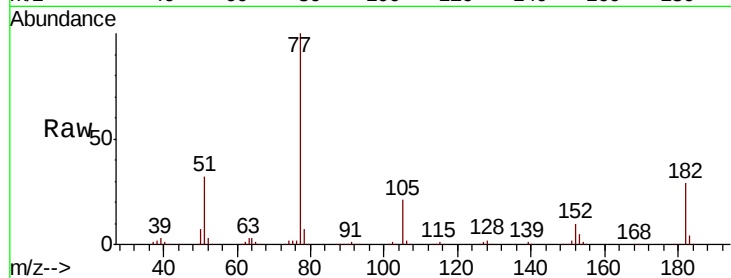
Ion Ratio Lower Upper

77 100

182 28.9 8.9 48.9

105 20.9 0.9 40.9

51 32.4 12.4 52.4

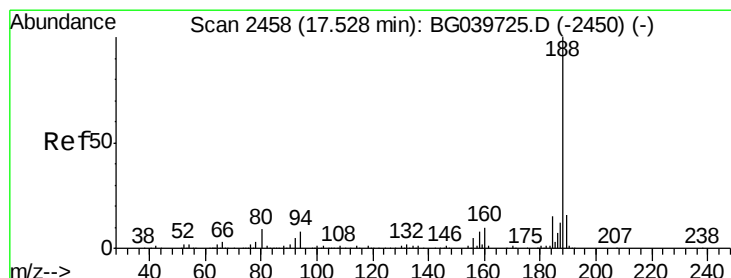
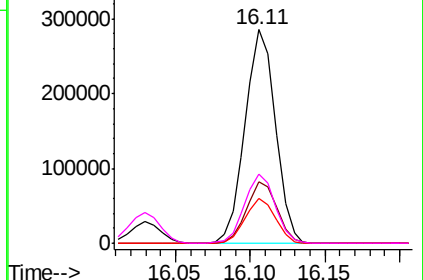
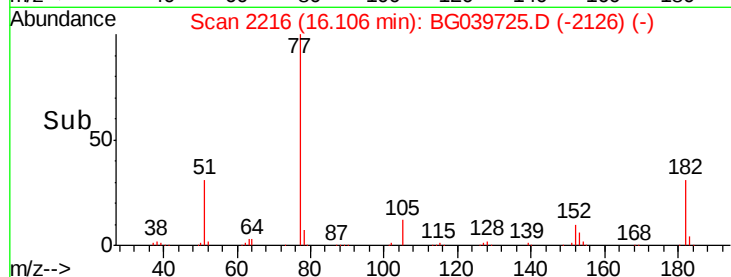


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039725.D

Acq: 4 Mar 2019 10:59

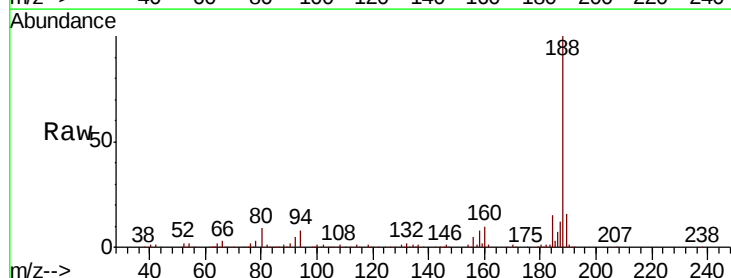
Tgt Ion: 188 Resp: 326791

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

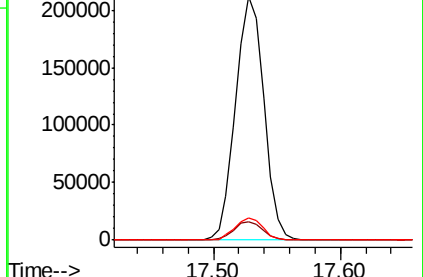
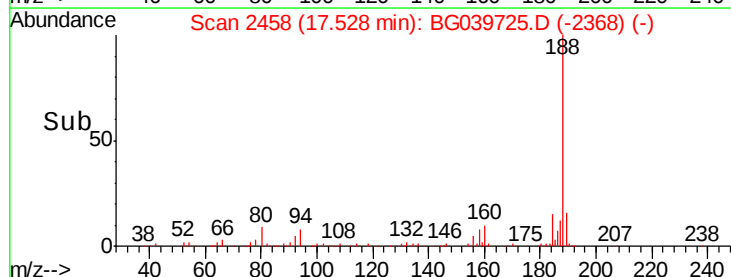
80 9.2 7.4 11.0

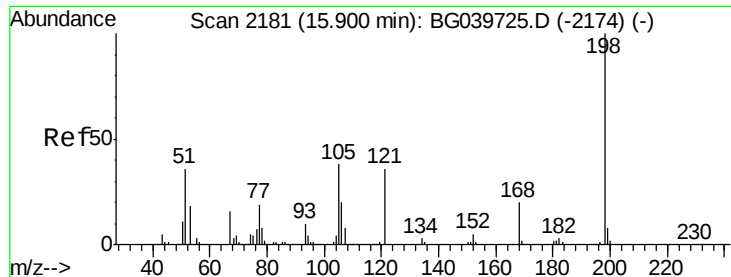


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 64.875 ng

RT: 15.90 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

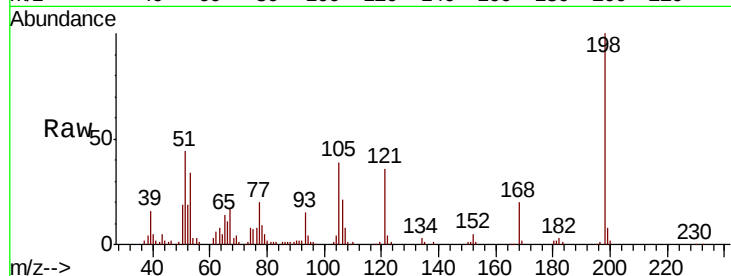
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 77916

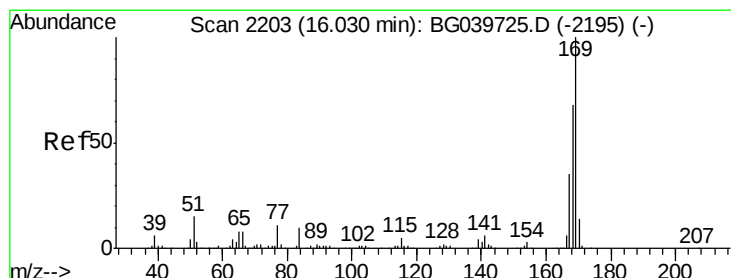
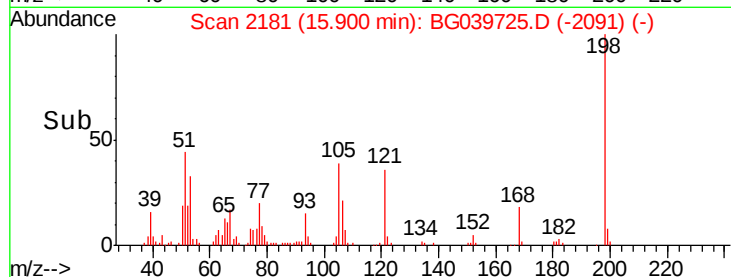
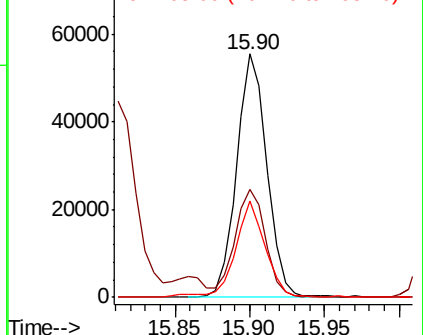
Ion	Ratio	Lower	Upper
198	100		
51	44.4	24.4	64.4
105	39.4	19.4	59.4



Abundance Ion 198.00 (197.70 to 198.70): E

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

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.009 ng

RT: 16.03 min Scan# 2203

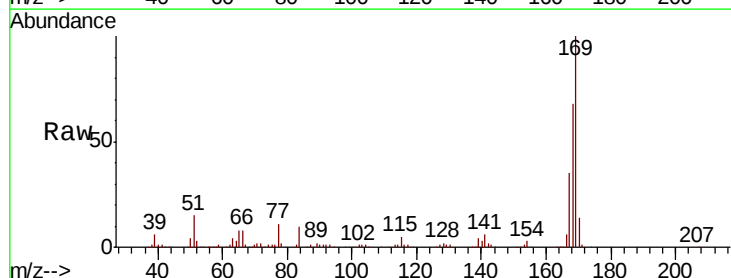
Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Tgt Ion:169 Resp: 387618

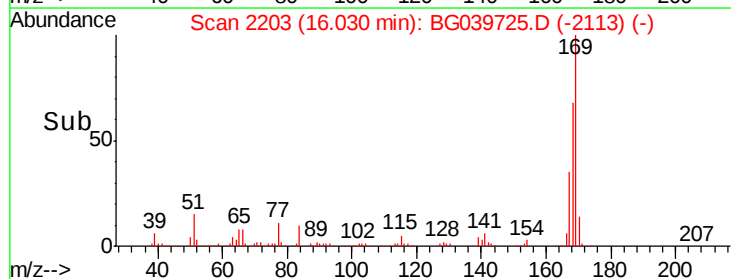
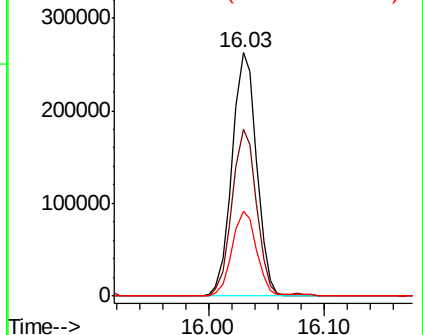
Ion	Ratio	Lower	Upper
169	100		
168	68.5	54.8	82.2
167	35.0	28.0	42.0

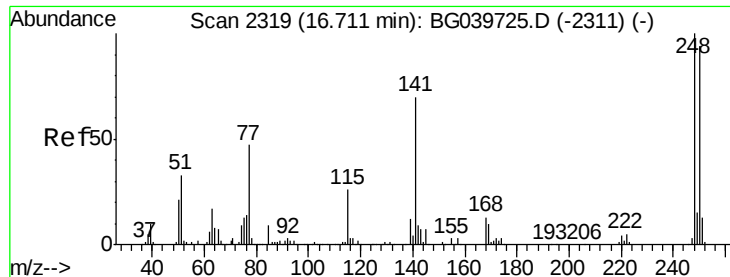


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

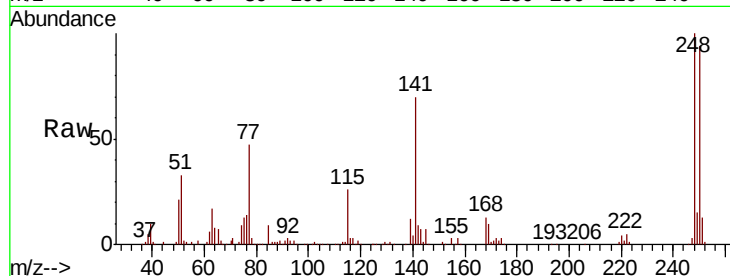




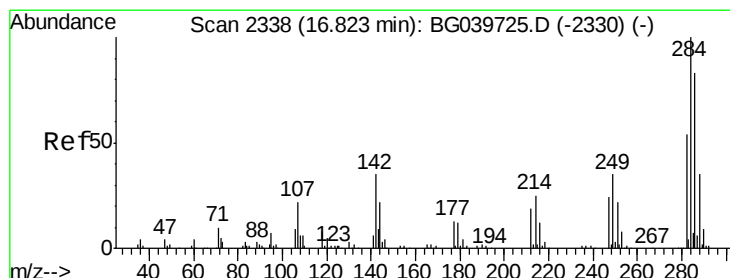
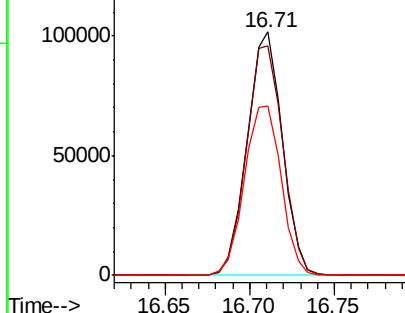
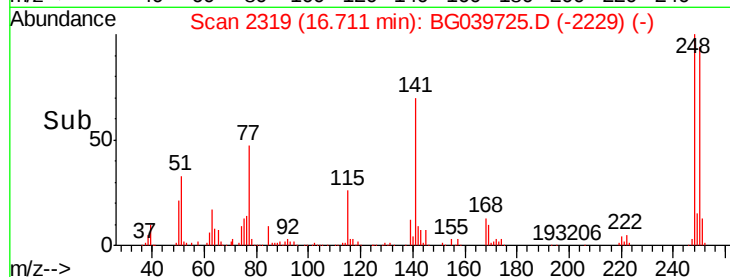
#67
 4-Bromophenyl-phenylether
 Concen: 40.549 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:248 Resp: 147004
 Ion Ratio Lower Upper
 248 100
 250 94.0 75.2 112.8
 141 69.7 55.8 83.6

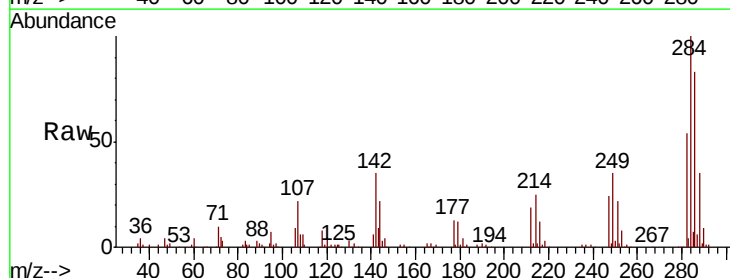


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

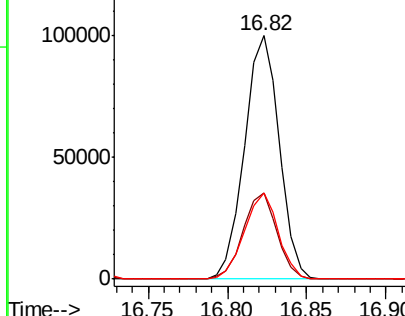
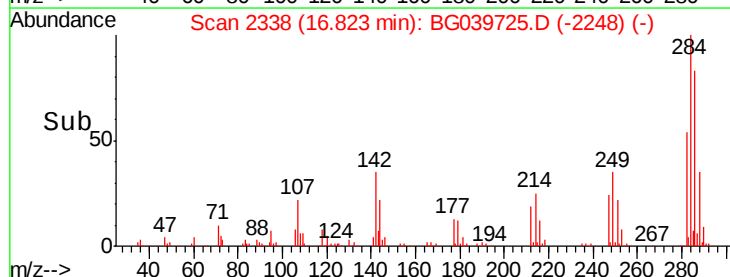


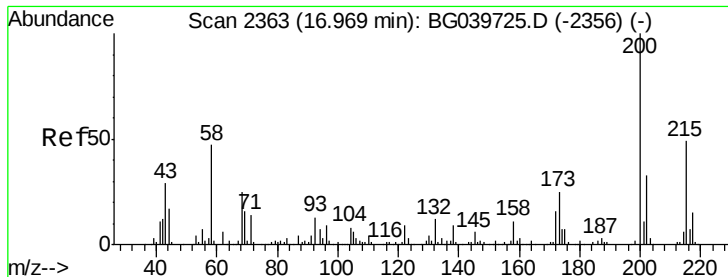
#68
 Hexachlorobenzene
 Concen: 41.765 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Tgt Ion:284 Resp: 151913
 Ion Ratio Lower Upper
 284 100
 142 35.2 28.2 42.2
 249 35.3 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: 41.769 ng

RT: 16.97 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

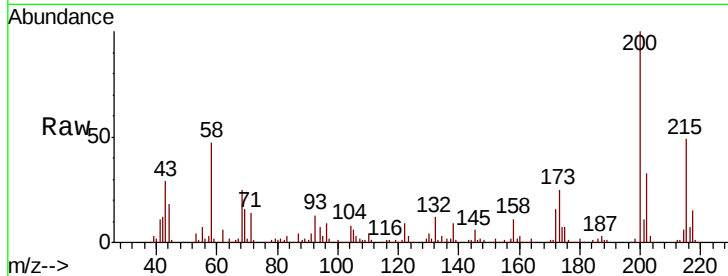
Tot Ion:200 Resp: 151675

Ion Ratio Lower Upper

200 100

173 24.8 4.8 44.8

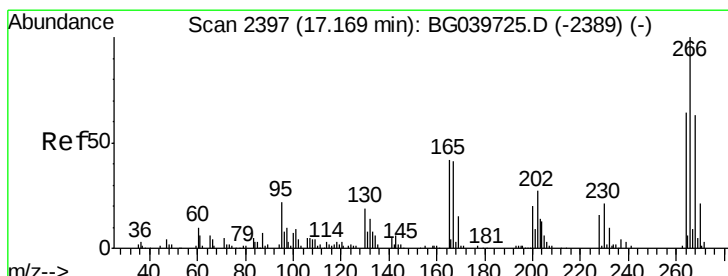
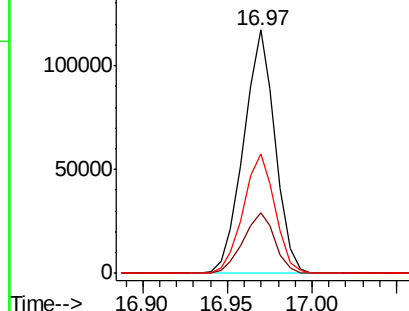
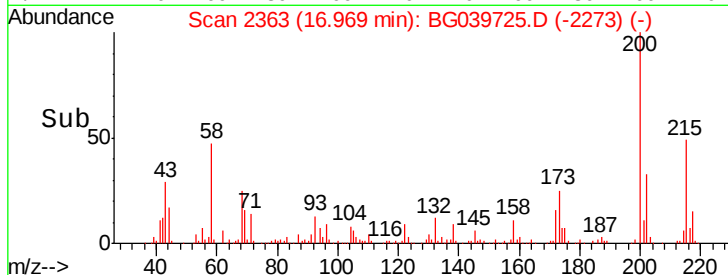
215 49.1 29.1 69.1



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: 38.832 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

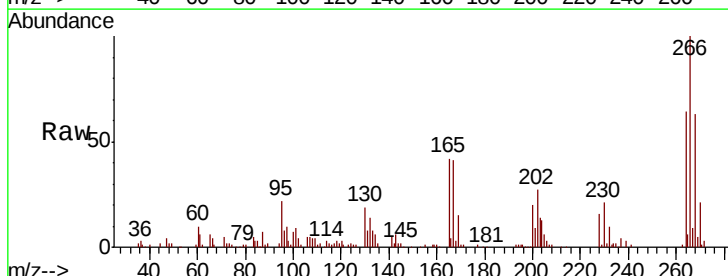
Tgt Ion:266 Resp: 98167

Ion Ratio Lower Upper

266 100

268 63.1 50.5 75.7

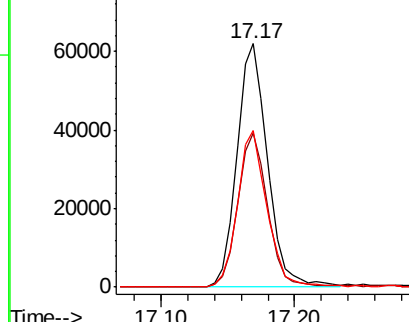
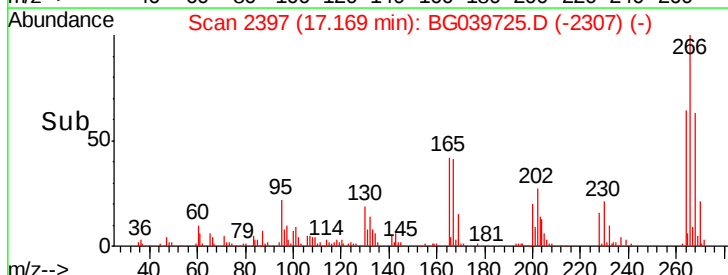
264 64.1 51.3 76.9

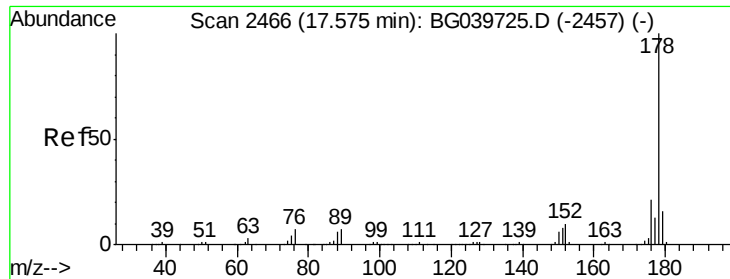


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

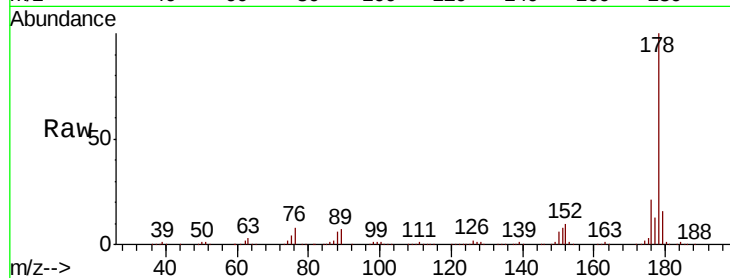




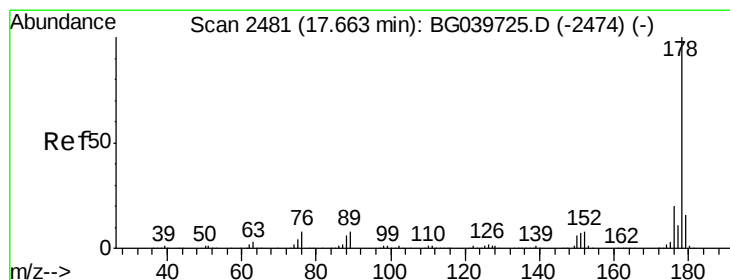
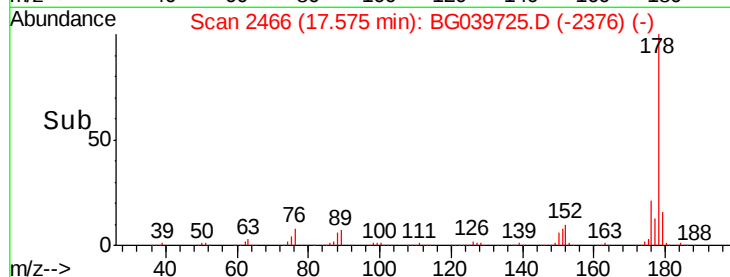
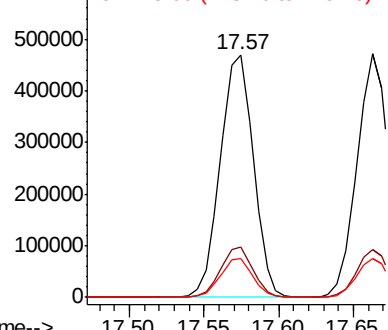
#71
 Phenanthrene
 Concen: 42.594 ng
 RT: 17.57 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 720424
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.5 24.7
 179 16.0 12.8 19.2

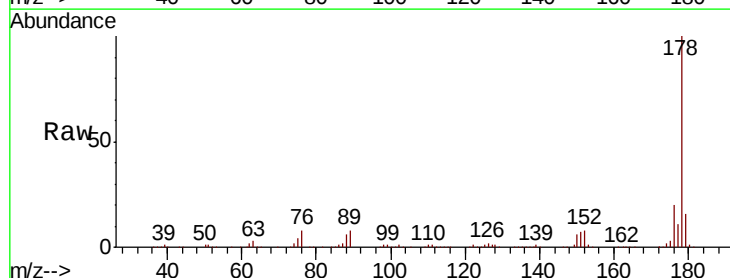


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

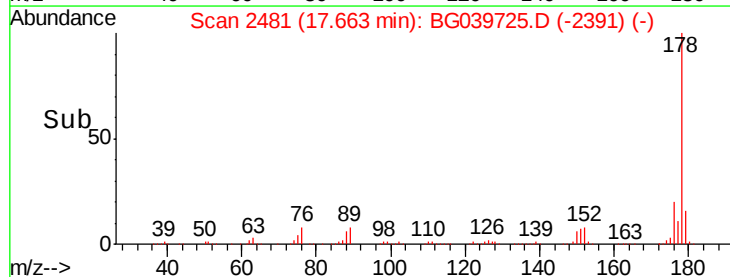
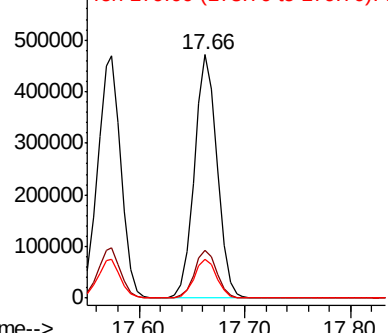


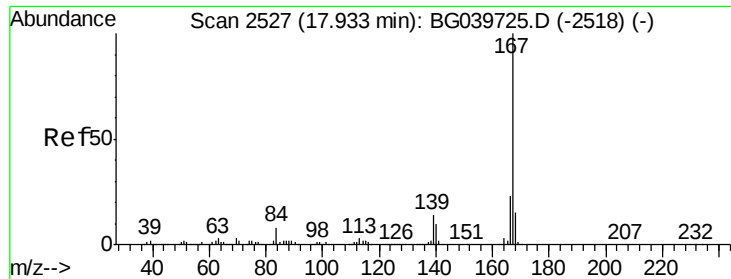
#72
 Anthracene
 Concen: 42.143 ng
 RT: 17.66 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Tgt Ion:178 Resp: 702114
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.7 23.5
 179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

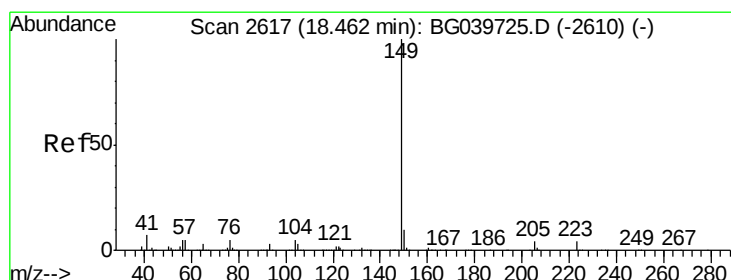
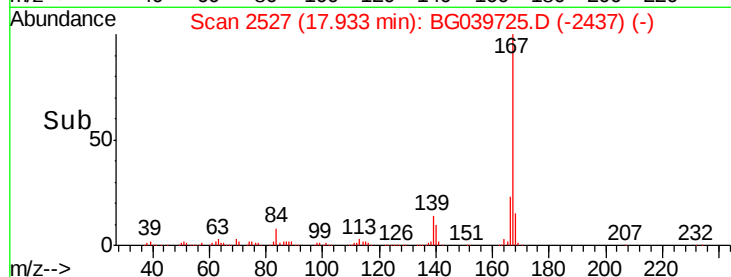
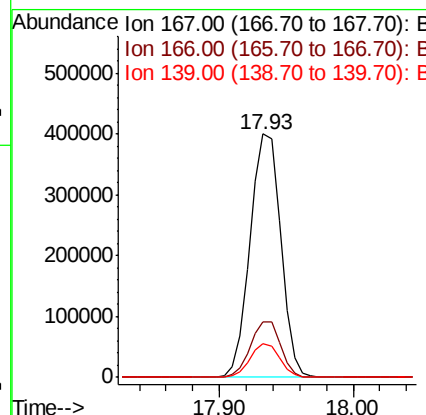
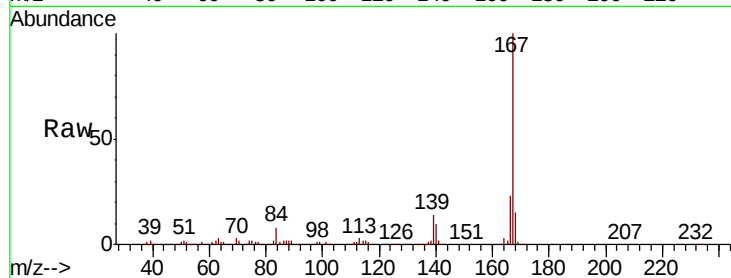




#73
 Carbazole
 Concen: 37.998 ng
 RT: 17.93 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

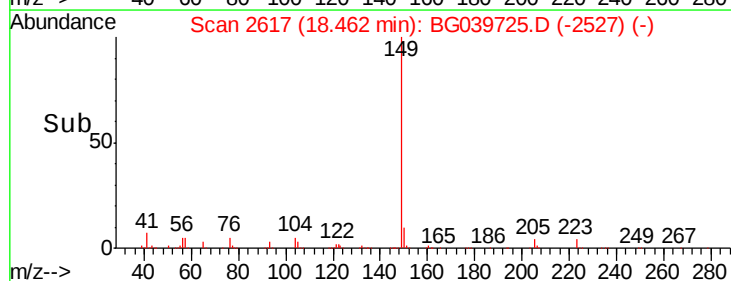
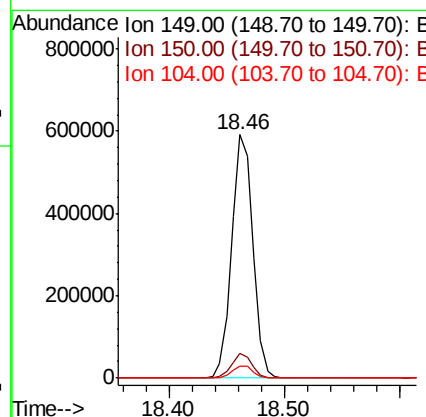
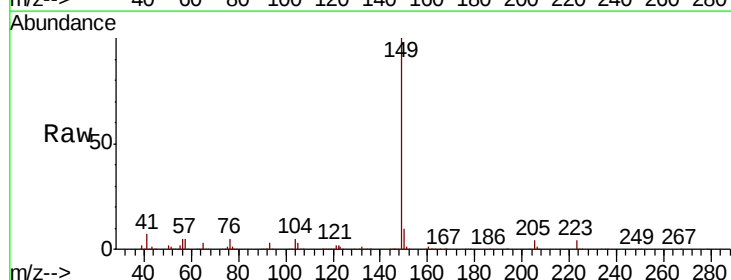
Instrument :
 BNA_G
 ClientSampleId :

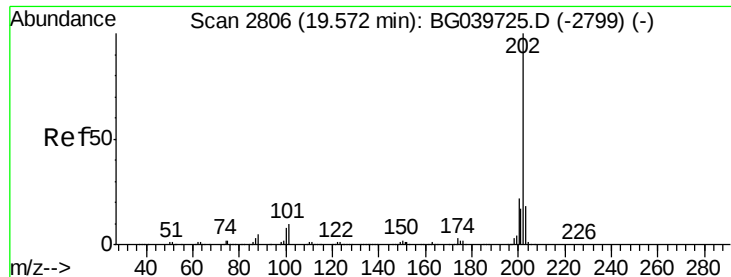
Tot Ion:167 Resp: 631778
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 13.7 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 38.628 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Tgt Ion:149 Resp: 749262
 Ion Ratio Lower Upper
 149 100
 150 10.0 8.0 12.0
 104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 42.875 ng

RT: 19.57 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Instrument :

BNA_G

ClientSampleId :

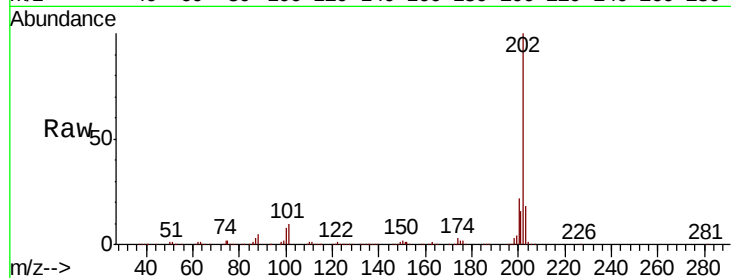
Tot Ion:202 Resp: 841706

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.6

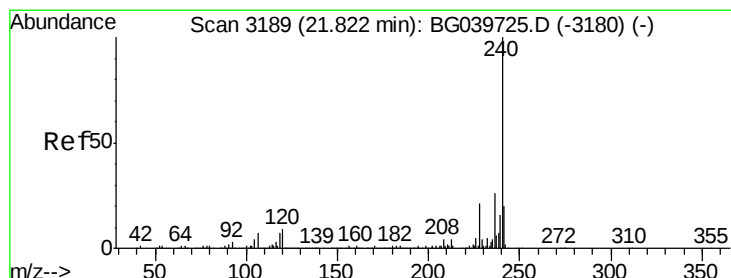
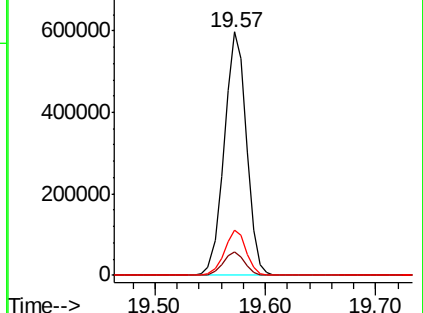
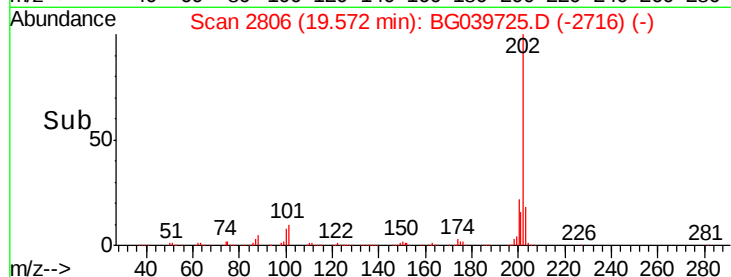
203 18.3 0.0 38.3



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# 3189

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

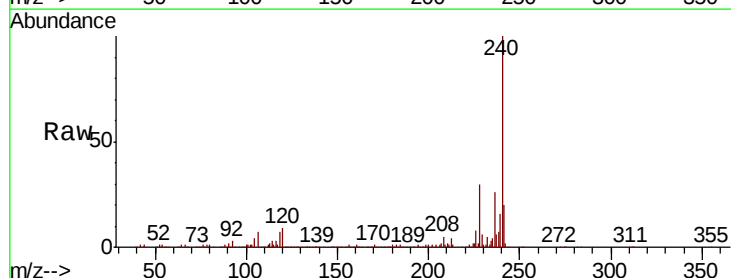
Tgt Ion:240 Resp: 316418

Ion Ratio Lower Upper

240 100

120 8.6 6.9 10.3

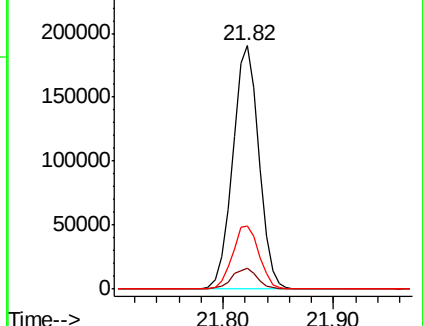
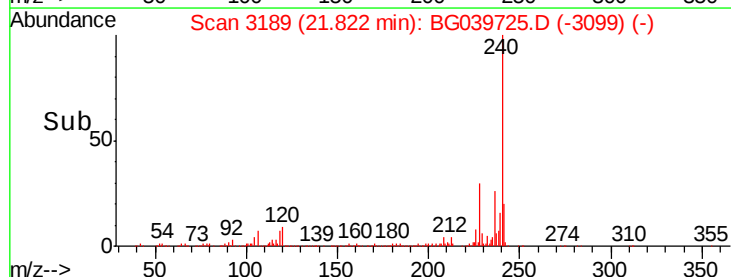
236 26.1 20.9 31.3

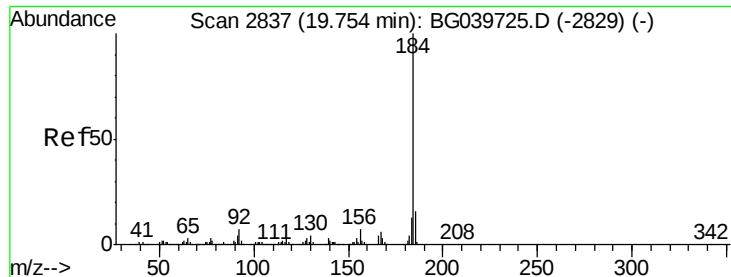


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.114 ng

RT: 19.75 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

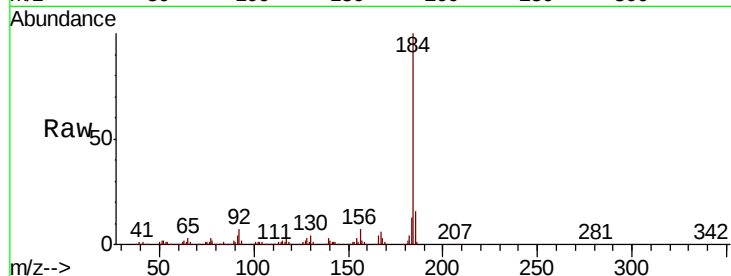
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 447267

Ion	Ratio	Lower	Upper
184	100		
185	16.4	13.1	19.7
183	13.1	10.5	15.7

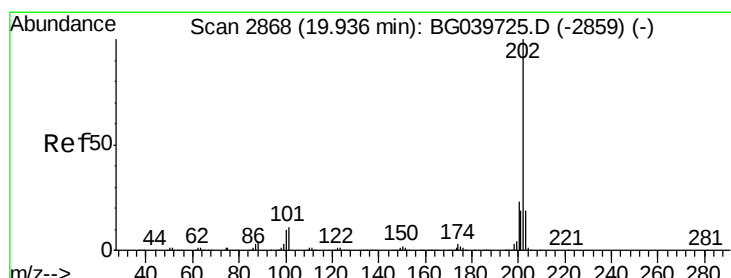
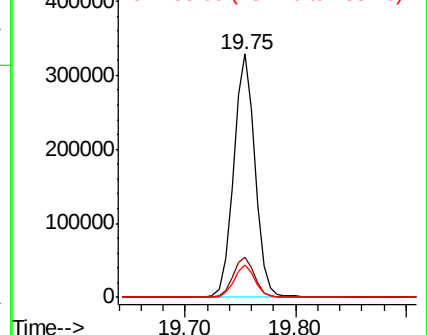
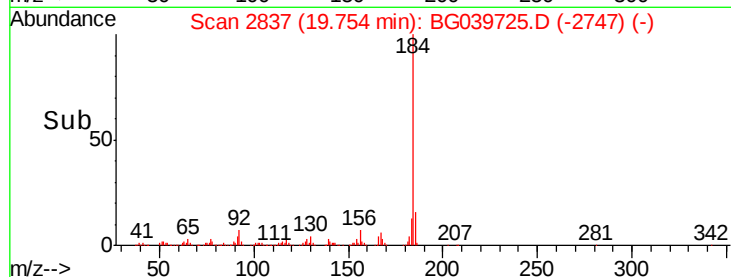


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.706 ng

RT: 19.94 min Scan# 2868

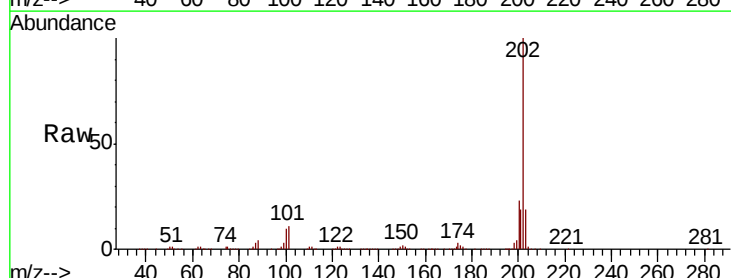
Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Tgt Ion:202 Resp: 841211

Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.1	27.1
203	18.6	14.9	22.3

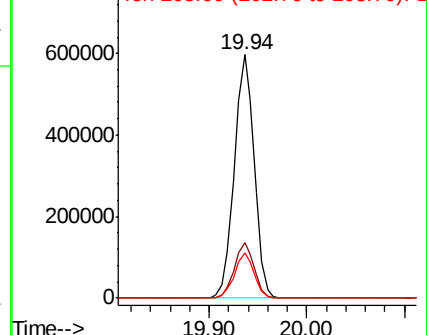
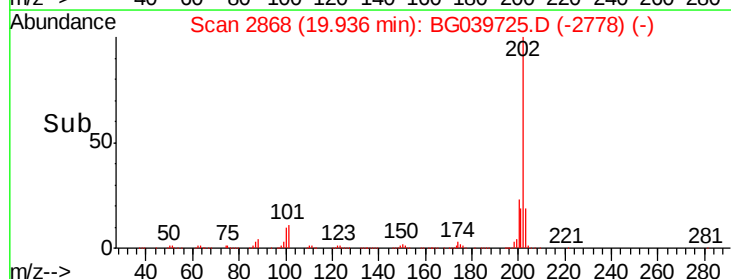


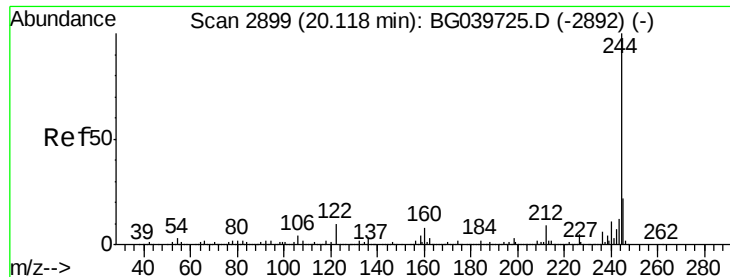
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.032 ng

RT: 20.12 min Scan# 2899

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

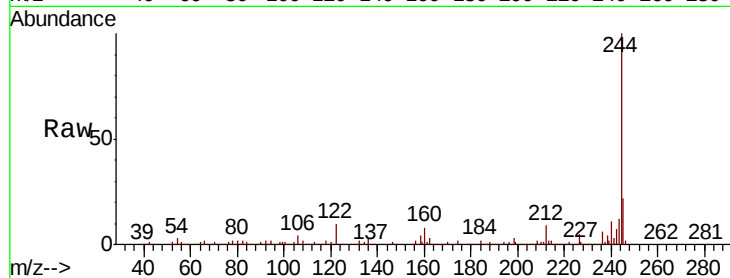
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1151527

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.4	11.0
122	9.7	7.8	11.6

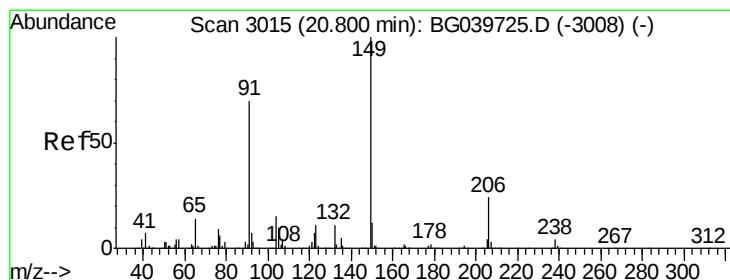
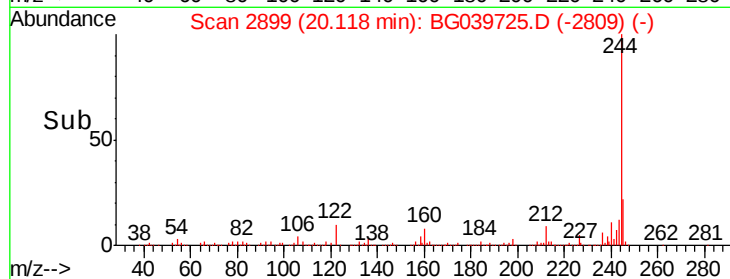
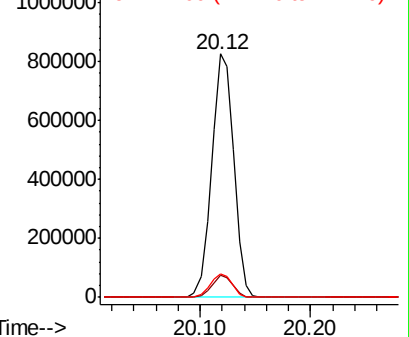


Abundance

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: 40.246 ng

RT: 20.80 min Scan# 3015

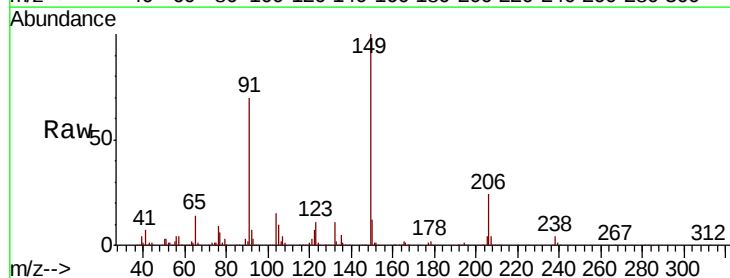
Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Tgt Ion:149 Resp: 334416

Ion	Ratio	Lower	Upper
149	100		
91	70.1	56.1	84.1
206	23.8	19.0	28.6

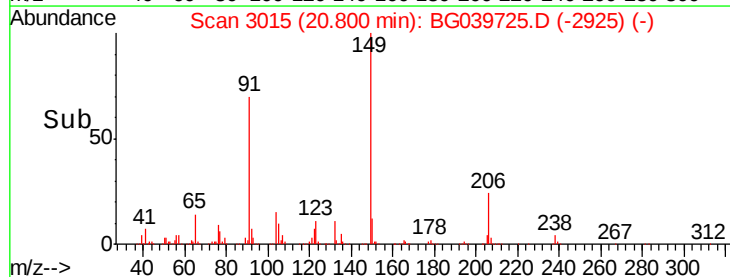
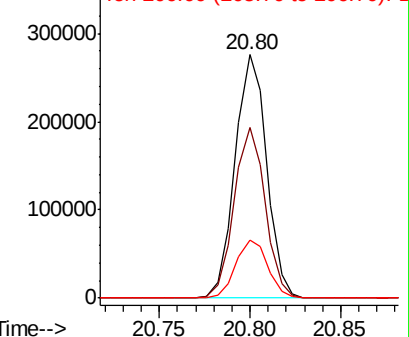


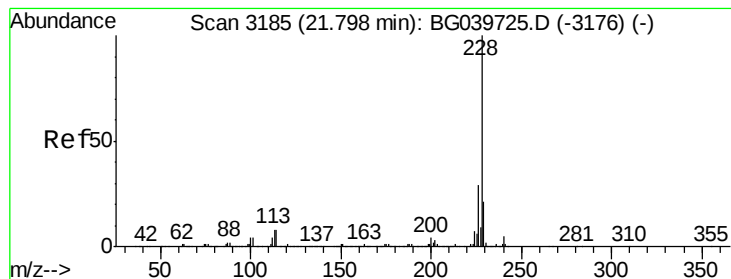
Abundance

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: 42.964 ng

RT: 21.80 min Scan# 3185

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

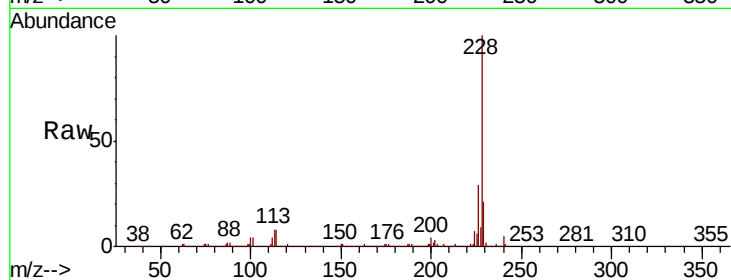
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 803291

Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.0	34.4
229	21.2	17.0	25.4

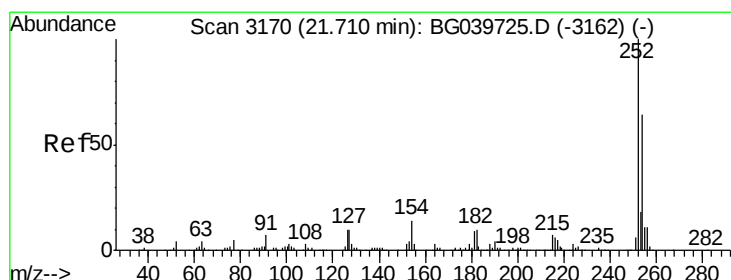
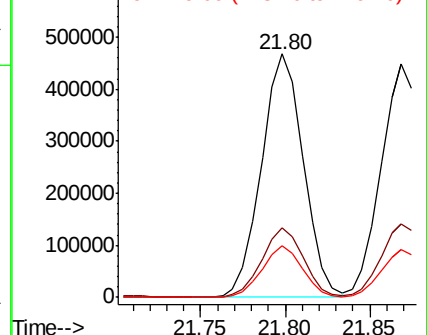
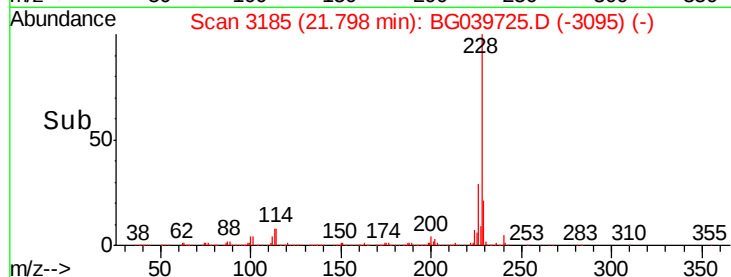


Abundance

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: 43.879 ng

RT: 21.71 min Scan# 3170

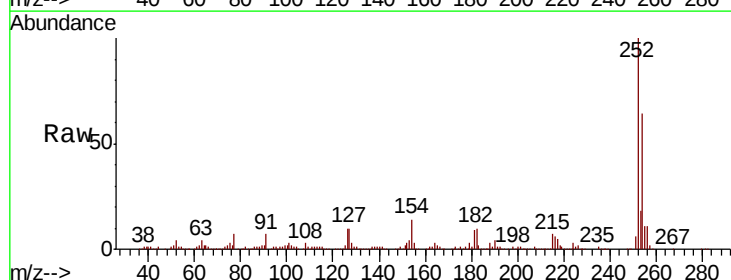
Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Tgt Ion:252 Resp: 304202

Ion	Ratio	Lower	Upper
252	100		
254	64.4	51.5	77.3
126	10.0	8.0	12.0

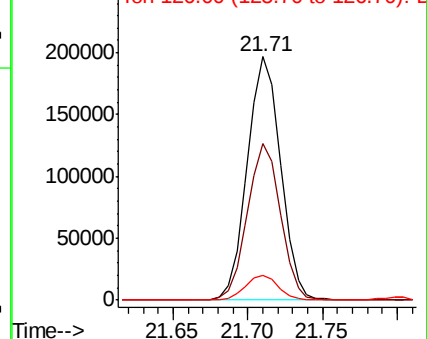
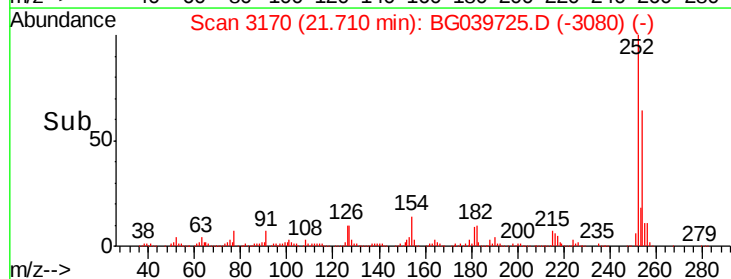


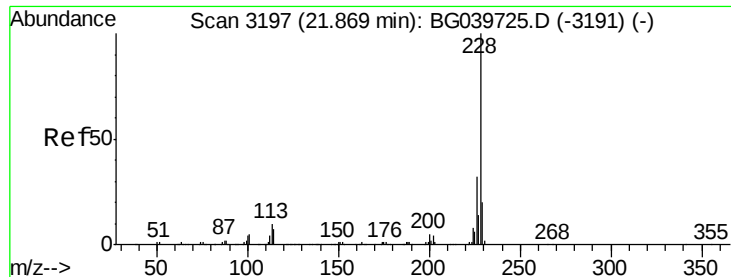
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.187 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

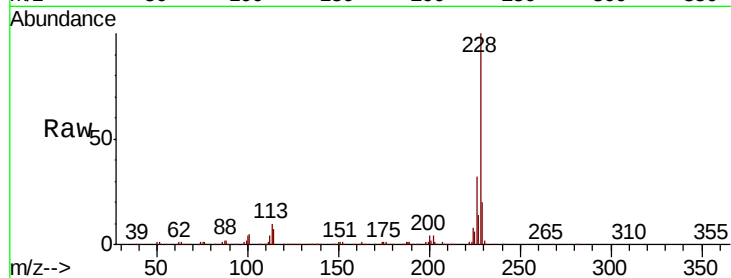
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 768656

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.3	37.9
229	20.4	16.3	24.5

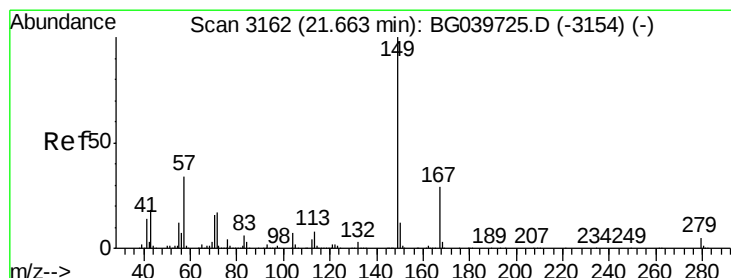
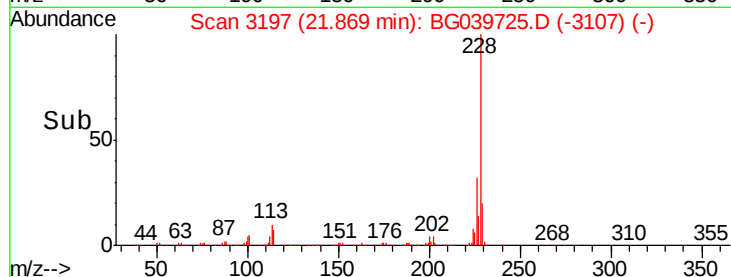
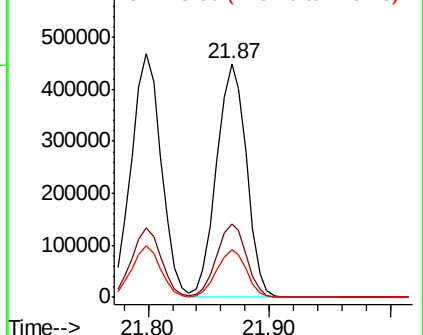


Abundance

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: 39.437 ng

RT: 21.66 min Scan# 3162

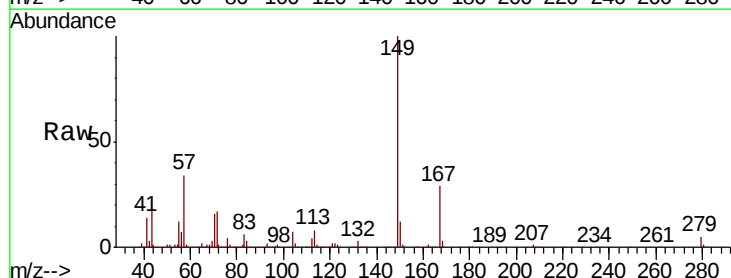
Delta R.T. 0.00 min

Lab File: BG039725.D

Acq: 4 Mar 2019 10:59

Tgt Ion:149 Resp: 467496

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.0	34.6
279	4.9	3.9	5.9

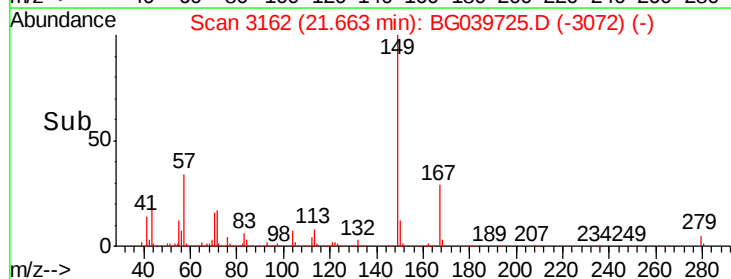
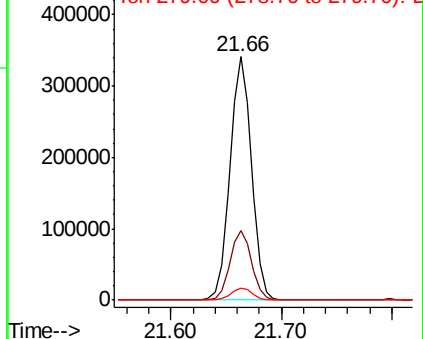


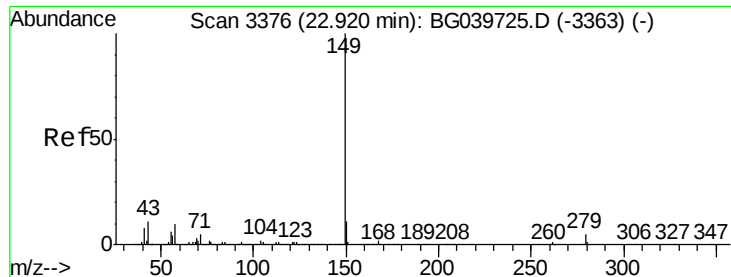
Abundance

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

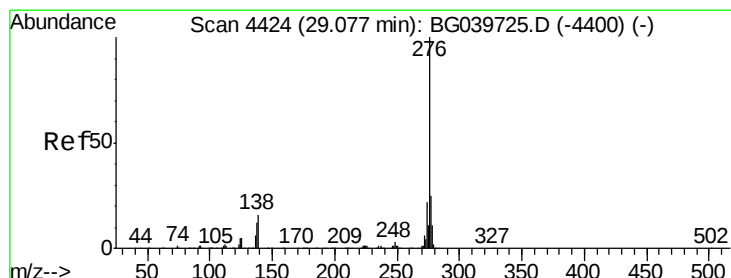
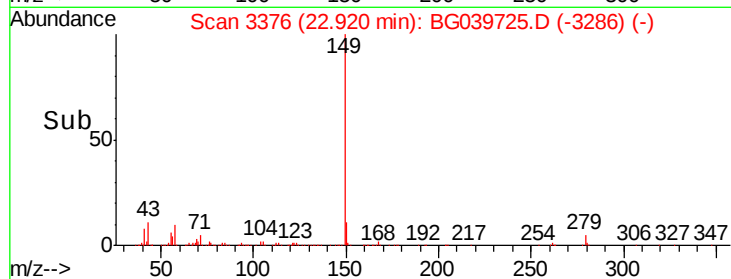
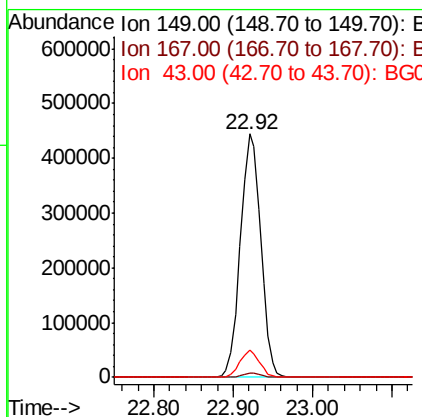
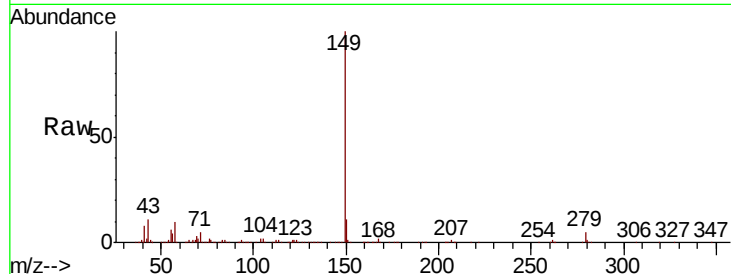




#85
Di-n-octyl phthalate
Concen: 40.350 ng
RT: 22.92 min Scan# 3376
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

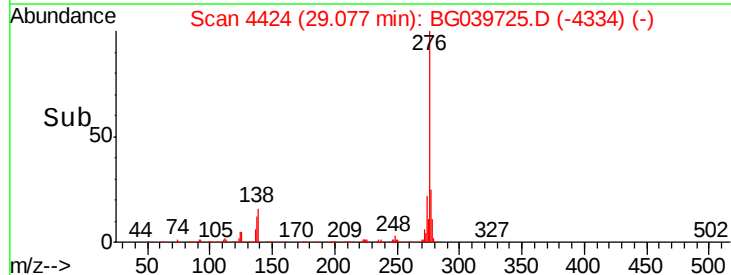
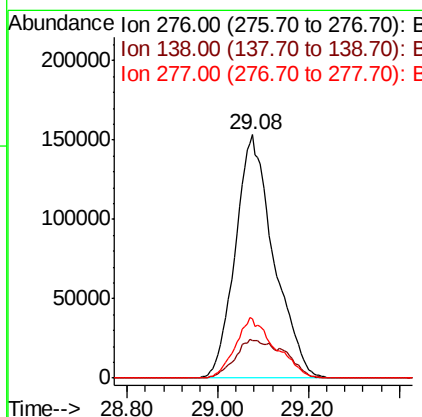
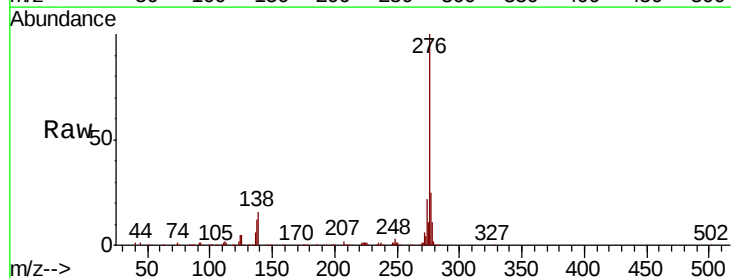
Instrument :
BNA_G
ClientSampleId :

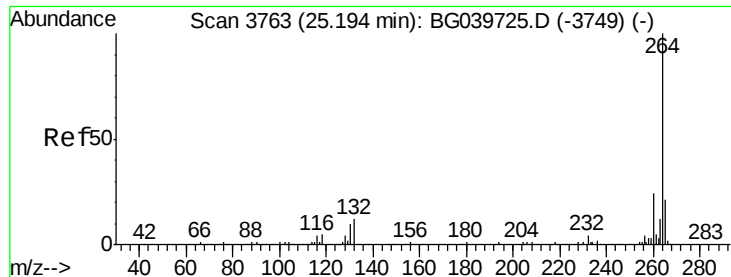
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.6	8.5	12.7



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.120 ng
RT: 29.08 min Scan# 4424
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.2	12.2	18.2
277	25.6	20.5	30.7

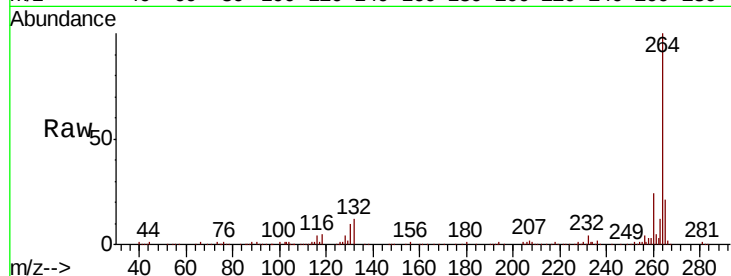




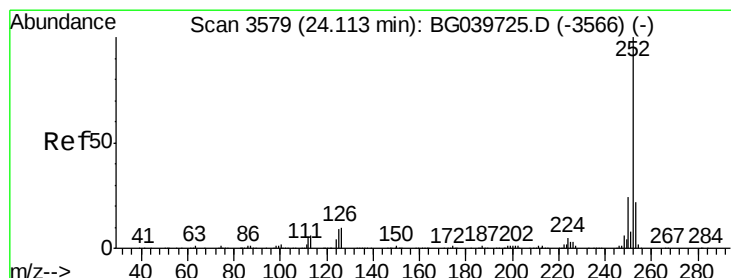
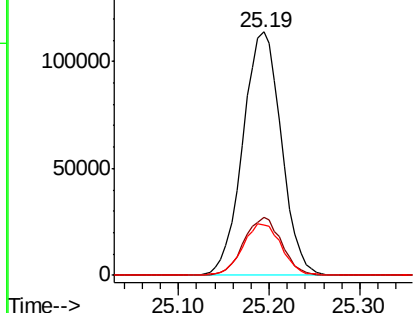
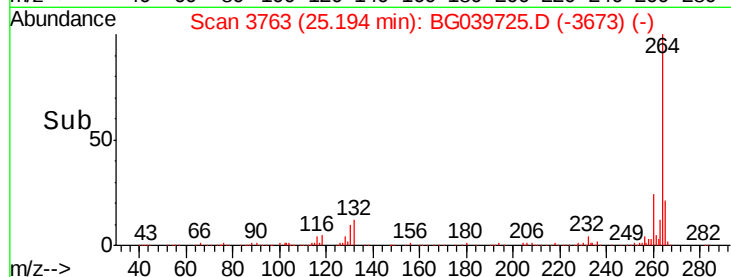
#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.19 min Scan# 3763
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:264 Resp: 336282
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.8 16.6 25.0

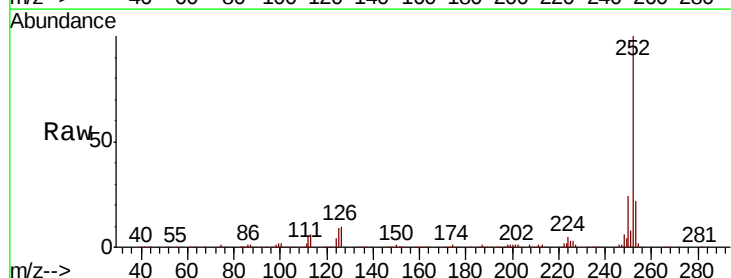


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

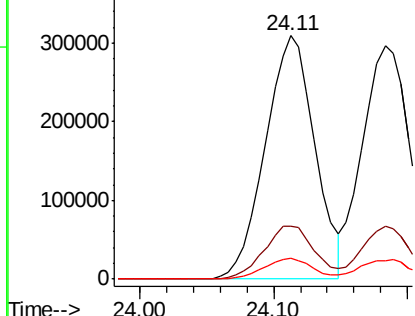
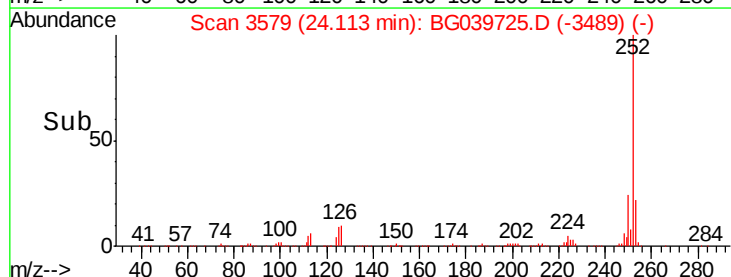


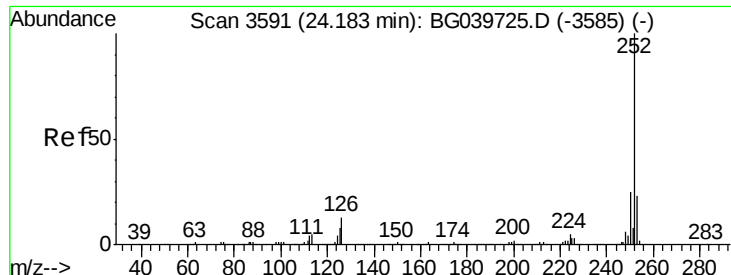
#88
 Benzo(b)fluoranthene
 Concen: 43.390 ng
 RT: 24.11 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: BG039725.D
 Acq: 4 Mar 2019 10:59

Tgt Ion:252 Resp: 795738
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 8.6 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

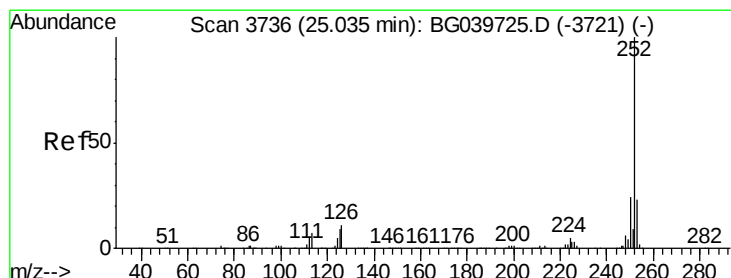
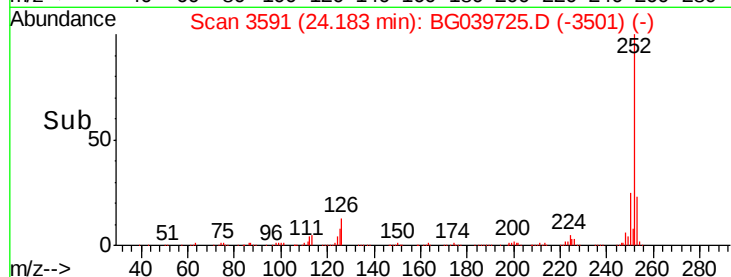
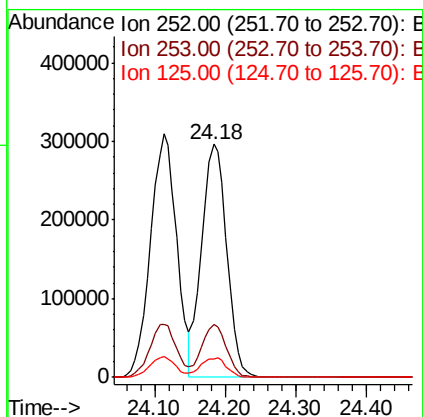
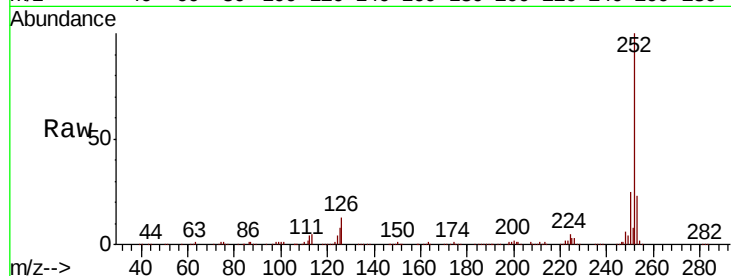




#89
Benzo(k)fluoranthene
Concen: 39.880 ng
RT: 24.18 min Scan# 3591
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

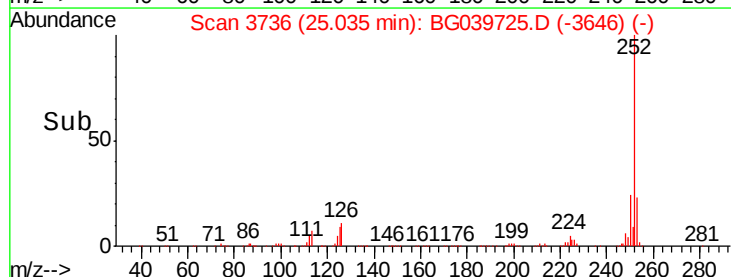
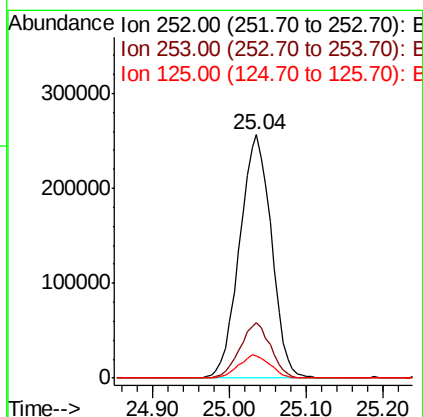
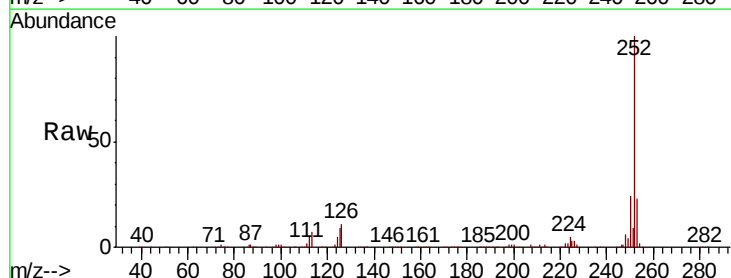
Instrument :
BNA_G
ClientSampleId :

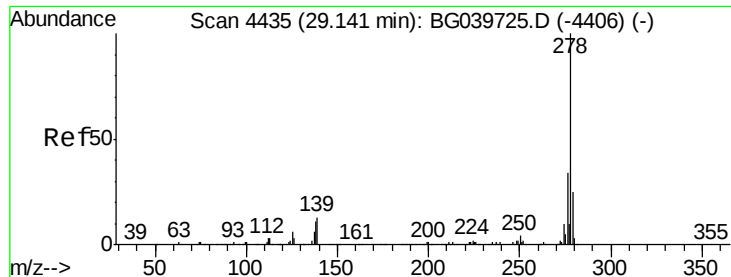
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	8.1	6.5	9.7



#90
Benzo(a)pyrene
Concen: 41.998 ng
RT: 25.04 min Scan# 3736
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	9.3	7.4	11.2

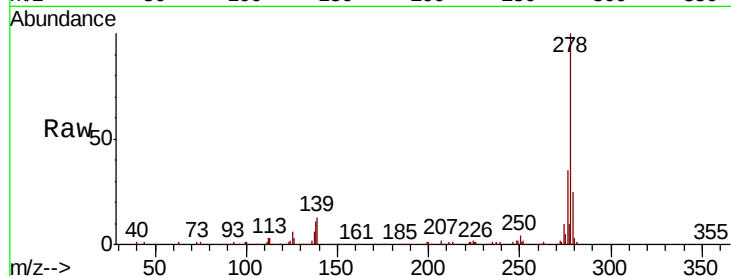




#91
Dibenzo(a,h)anthracene
Concen: 43.295 ng
RT: 29.14 min Scan# 4435
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.1	10.5	15.7
279	25.3	20.2	30.4

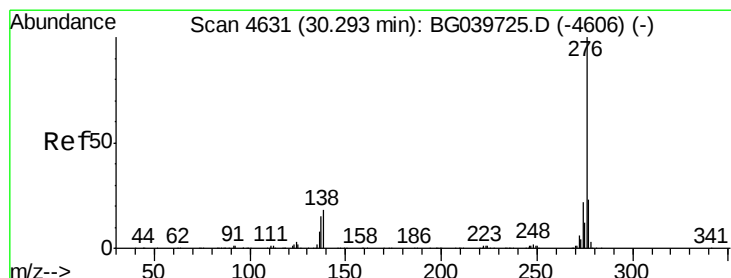
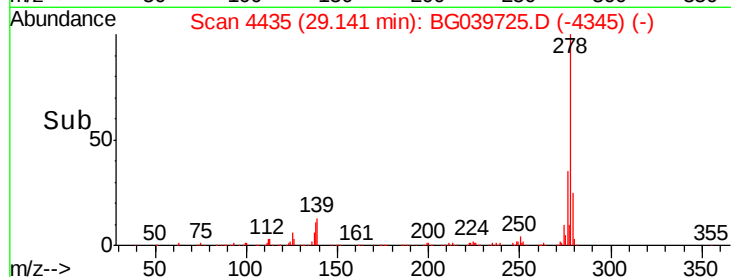
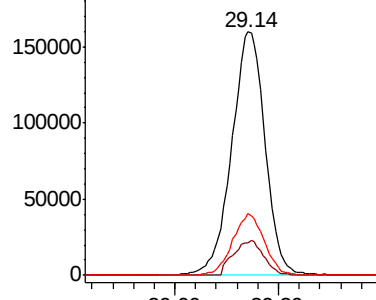


Abundance

Ion 278.00 (277.70 to 278.70): E

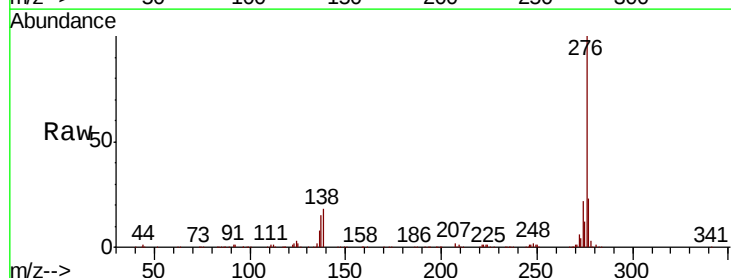
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 44.244 ng
RT: 30.29 min Scan# 4631
Delta R.T. 0.00 min
Lab File: BG039725.D
Acq: 4 Mar 2019 10:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.9	18.3	27.5
138	18.0	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

