

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
 Data File : BG039836.D
 Acq On : 11 Mar 2019 11:19
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 11 13:06:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39463	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	185850	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	129987	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	319260	20.00	ng	0.00
76) Chrysene-d12	21.82	240	311058	20.00	ng	0.00
87) Perylene-d12	25.18	264	324649	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	185035	79.99	ng	0.00
7) Phenol-d6	7.30	99	284591	82.51	ng	-0.02
23) Nitrobenzene-d5	9.34	82	273983	79.73	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	122329	80.74	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	696585	76.30	ng	0.00
79) Terphenyl-d14	20.11	244	1109669	78.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	39628	37.107	ng	94
3) Pyridine	4.00	79	115392	40.361	ng	99
4) n-Nitrosodimethylamine	3.91	42	55238	40.727	ng	93
6) Aniline	7.48	93	181431	40.150	ng	98
8) 2-Chlorophenol	7.71	128	111286	39.656	ng	96
9) Benzaldehyde	7.30	77	85361	38.367	ng	98
10) Phenol	7.33	94	154192	41.267	ng	99
11) bis(2-Chloroethyl)ether	7.57	93	113720	39.036	ng	98
12) 1,3-Dichlorobenzene	8.04	146	125147	39.430	ng	97
13) 1,4-Dichlorobenzene	8.19	146	127605	39.471	ng	98
14) 1,2-Dichlorobenzene	8.51	146	122549	39.234	ng	98
15) Benzyl Alcohol	8.40	79	111354	40.700	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	228194	39.165	ng	100
17) 2-Methylphenol	8.58	107	99112	41.600	ng	95
18) Hexachloroethane	9.24	117	44767	38.592	ng	94
19) n-Nitroso-di-n-propylamine	8.96	70	98724	39.767	ng	93
20) 3+4-Methylphenols	8.91	107	134656	40.684	ng	96
22) Acetophenone	8.98	105	195409	39.175	ng	# 94
24) Nitrobenzene	9.38	77	145473	40.354	ng	98
25) Isophorone	9.89	82	287184	39.886	ng	98
26) 2-Nitrophenol	10.08	139	67686	38.888	ng	95
27) 2,4-Dimethylphenol	10.13	122	109633	40.500	ng	98
28) bis(2-Chloroethoxy)methane	10.37	93	167879	38.367	ng	99
29) 2,4-Dichlorophenol	10.62	162	126842	41.618	ng	92
30) 1,2,4-Trichlorobenzene	10.83	180	135676	39.561	ng	98
31) Naphthalene	11.03	128	386517	39.280	ng	100
32) Benzoic acid	10.25	122	64815	36.677	ng	95
33) 4-Chloroaniline	11.14	127	170798	40.934	ng	98
34) Hexachlorobutadiene	11.29	225	91205	38.917	ng	95
35) Caprolactam	11.92	113	48793	41.910	ng	90
36) 4-Chloro-3-methylphenol	12.24	107	146770	42.009	ng	98
37) 2-Methylnaphthalene	12.62	142	292637	39.779	ng	98
38) 1-Methylnaphthalene	12.84	142	282296	39.486	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	168925	38.360	ng	99

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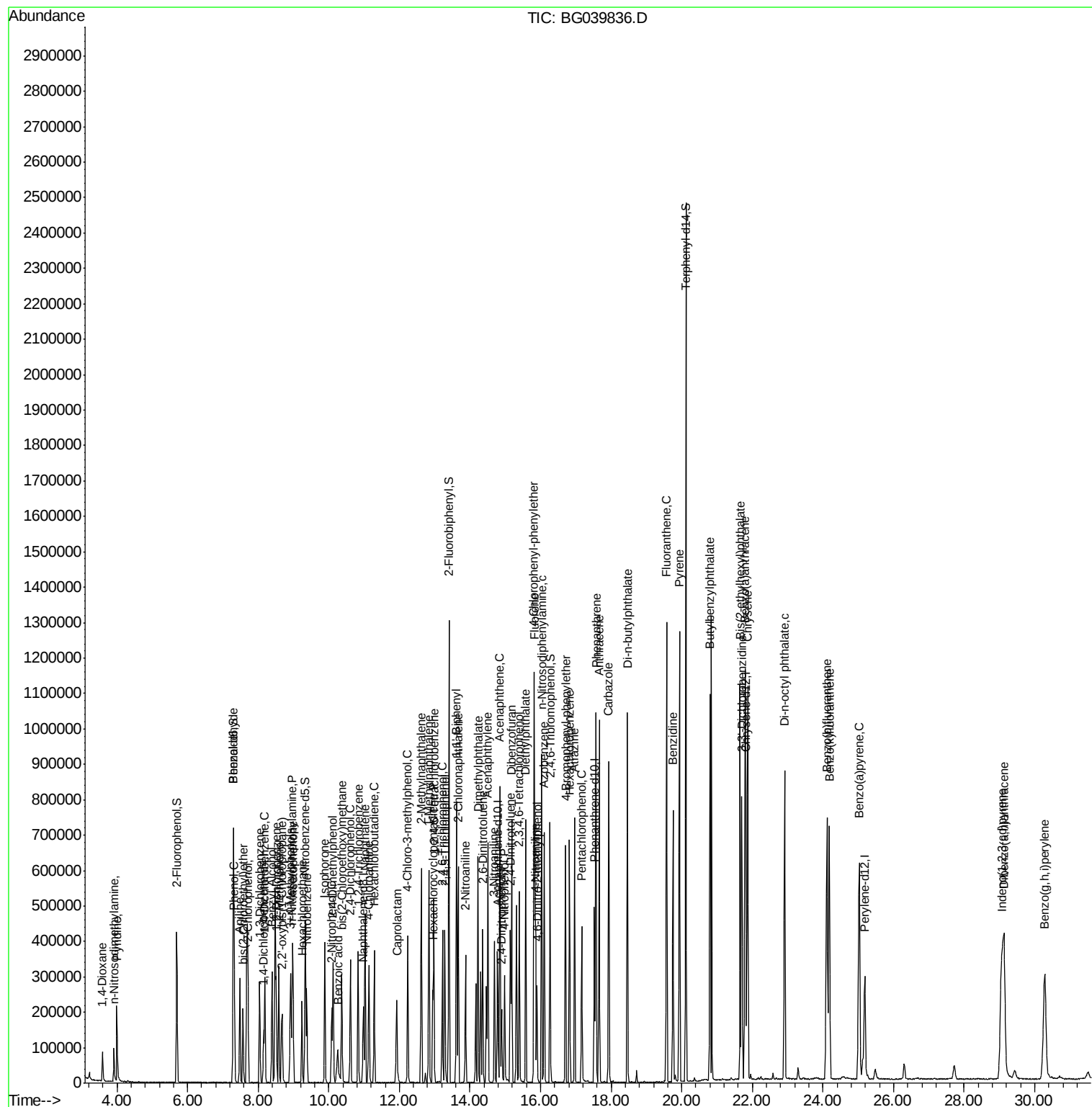
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	79364	33.630	ng	97
43) 2,4,6-Trichlorophenol	13.22	196	105137	40.780	ng	100
44) 2,4,5-Trichlorophenol	13.29	196	119499	41.121	ng	99
46) 1,1'-Biphenyl	13.62	154	412979	38.628	ng	99
47) 2-Chloronaphthalene	13.66	162	312019	38.794	ng	97
48) 2-Nitroaniline	13.87	65	106878	41.349	ng	98
49) Acenaphthylene	14.51	152	518853	39.297	ng	100
50) Dimethylphthalate	14.23	163	423668	38.978	ng	99
51) 2,6-Dinitrotoluene	14.36	165	95312	41.363	ng	98
52) Acenaphthene	14.85	154	309199	38.909	ng	98
53) 3-Nitroaniline	14.69	138	95955	41.426	ng	# 93
54) 2,4-Dinitrophenol	14.89	184	51732	38.517	ng	97
55) Dibenzofuran	15.18	168	509046	39.043	ng	98
56) 4-Nitrophenol	14.98	139	76769	37.050	ng	92
57) 2,4-Dinitrotoluene	15.15	165	137424	42.444	ng	# 82
58) Fluorene	15.83	166	404475	39.462	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	117228	41.305	ng	# 96
60) Diethylphthalate	15.58	149	431390	40.092	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	214398	39.199	ng	97
62) 4-Nitroaniline	15.86	138	102658	40.882	ng	99
63) Azobenzene	16.10	77	392906	40.283	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	66374	35.162	ng	92
66) n-Nitrosodiphenylamine	16.03	169	360219	38.974	ng	98
67) 4-Bromophenyl-phenylether	16.71	248	140049	39.190	ng	95
68) Hexachlorobenzene	16.82	284	146422	39.528	ng	96
69) Atrazine	16.97	200	145479	39.993	ng	94
70) Pentachlorophenol	17.17	266	84117	35.956	ng	98
71) Phenanthrene	17.57	178	679843	38.660	ng	99
72) Anthracene	17.66	178	673079	39.277	ng	99
73) Carbazole	17.93	167	606903	39.285	ng	98
74) Di-n-butylphthalate	18.46	149	723119	39.783	ng	100
75) Fluoranthene	19.57	202	799518	38.471	ng	99
77) Benzidine	19.75	184	441833	44.762	ng	99
78) Pyrene	19.93	202	797727	39.467	ng	99
80) Butylbenzylphthalate	20.80	149	326383	41.679	ng	96
81) Benzo(a)anthracene	21.79	228	774487	39.728	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	285100	40.056	ng	99
83) Chrysene	21.87	228	737671	39.031	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	454202	41.275	ng	99
85) Di-n-octyl phthalate	22.91	149	762294	41.837	ng	96
86) Indeno(1,2,3-cd)pyrene	29.06	276	843249	39.329	ng	# 95
88) Benzo(b)fluoranthene	24.11	252	758543	39.182	ng	98
89) Benzo(k)fluoranthene	24.18	252	707841	39.279	ng	99
90) Benzo(a)pyrene	25.03	252	717777	40.123	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	681765	38.874	ng	98
92) Benzo(g,h,i)perylene	30.28	276	685334	38.909	ng	96

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

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Misc :
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ClientSampled :

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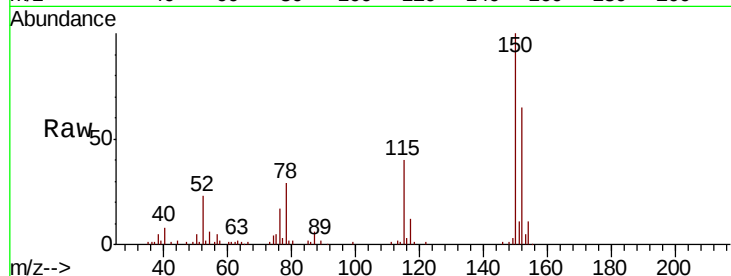


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	123.7	185.5
115	62.0	45.9	68.9

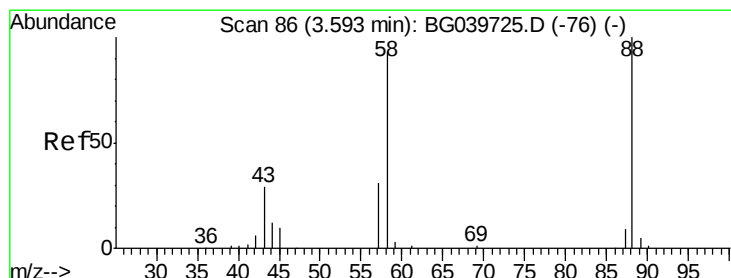
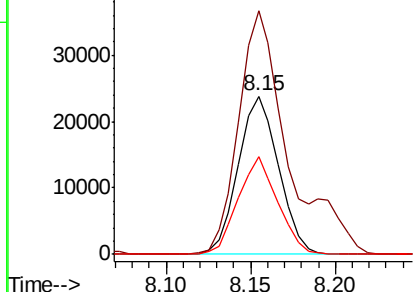
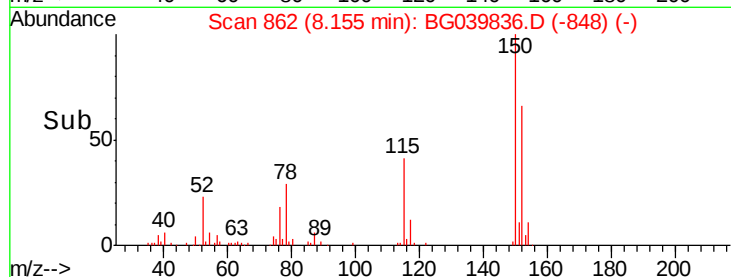


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

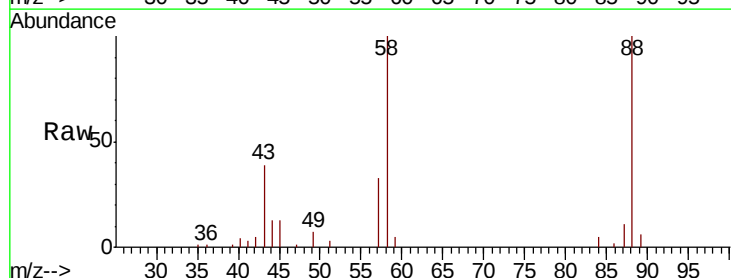
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.107 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.2	81.1	121.7
43	35.0	31.4	47.0

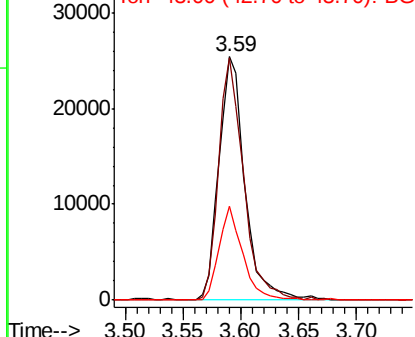
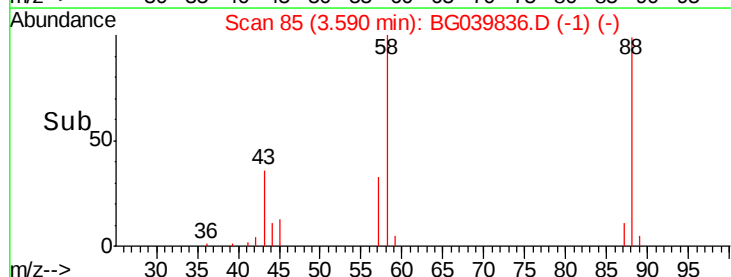


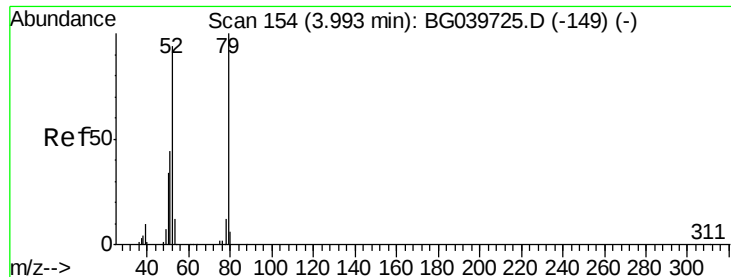
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.361 ng

RT: 4.00 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

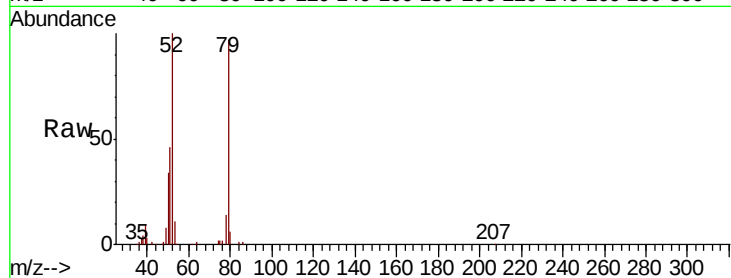
Tot Ion: 79 Resp: 115392

Ion Ratio Lower Upper

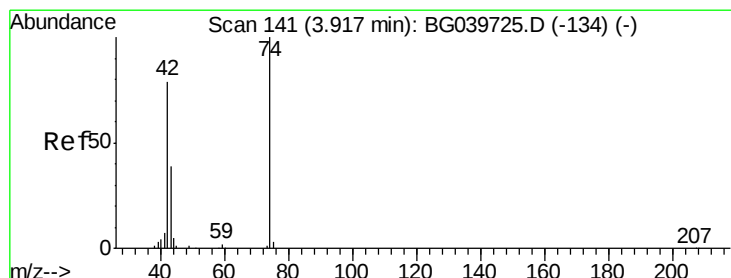
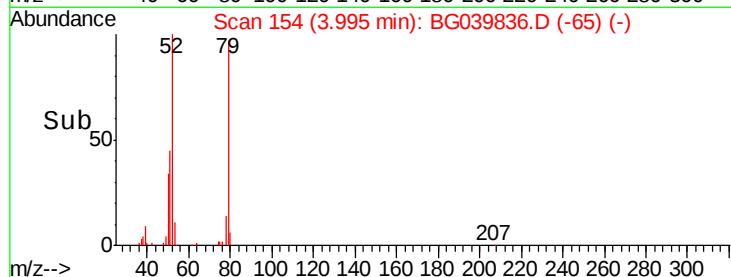
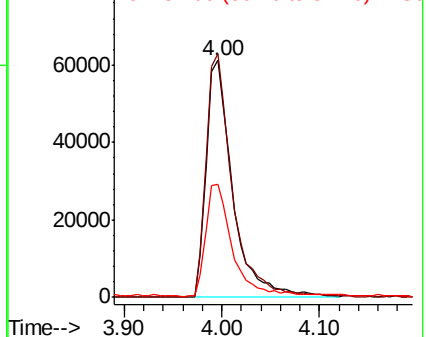
79 100

52 102.7 82.6 124.0

51 47.5 37.5 56.3



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: 40.727 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

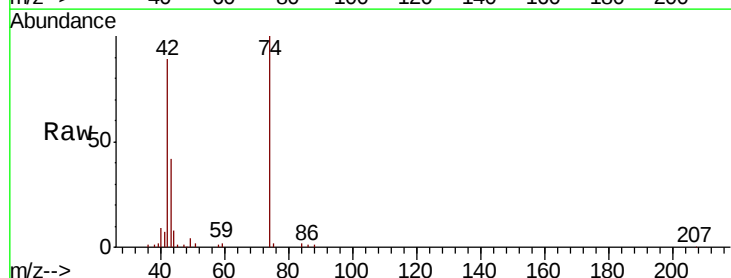
Tgt Ion: 42 Resp: 55238

Ion Ratio Lower Upper

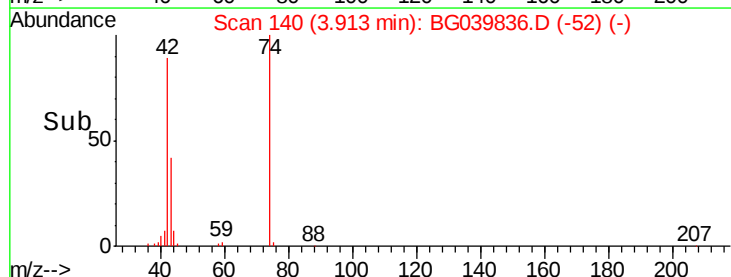
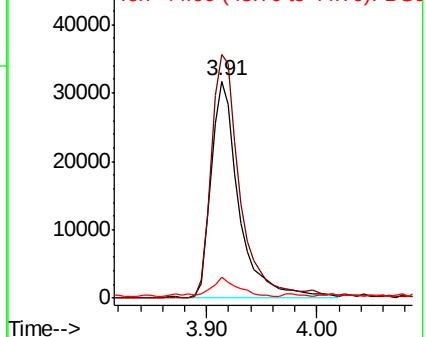
42 100

74 112.1 83.6 125.4

44 9.5 6.9 10.3



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: 79.992 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

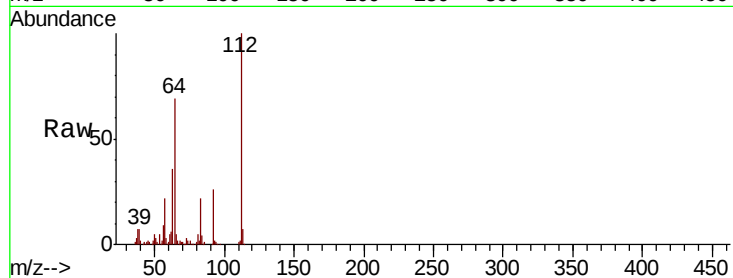
Tot Ion:112 Resp: 185035

Ion Ratio Lower Upper

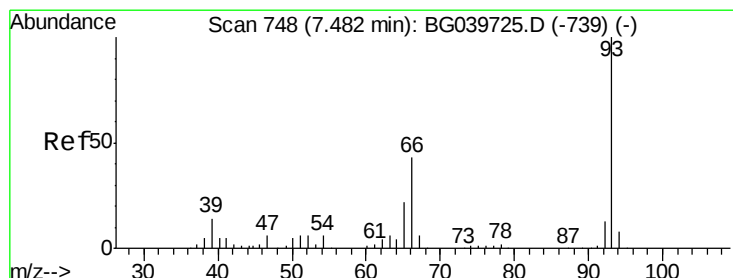
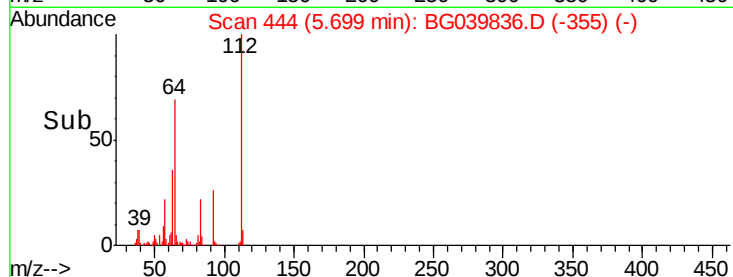
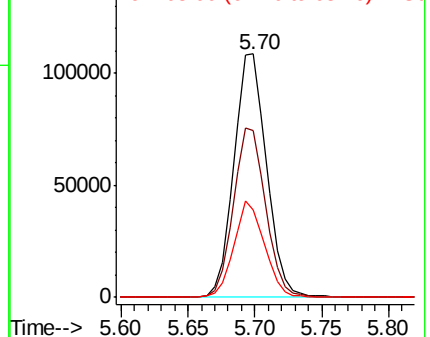
112 100

64 68.6 57.8 86.8

63 35.7 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.150 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

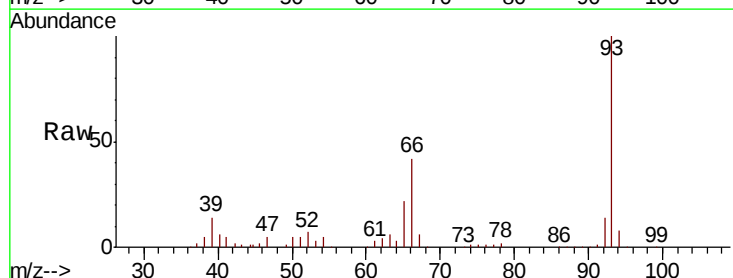
Tgt Ion: 93 Resp: 181431

Ion Ratio Lower Upper

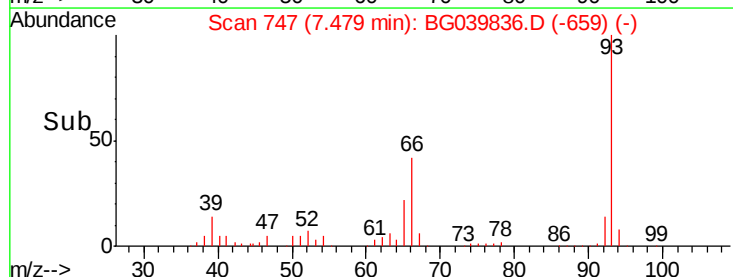
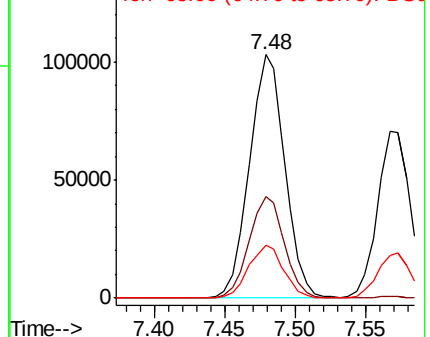
93 100

66 41.6 34.2 51.4

65 21.6 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.512 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

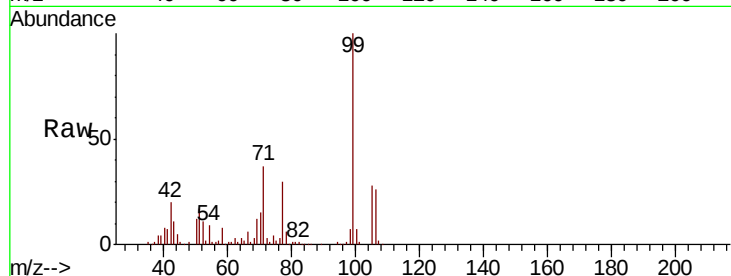
Tot Ion: 99 Resp: 284591

Ion Ratio Lower Upper

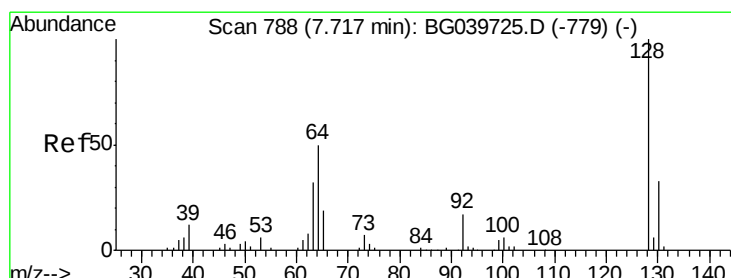
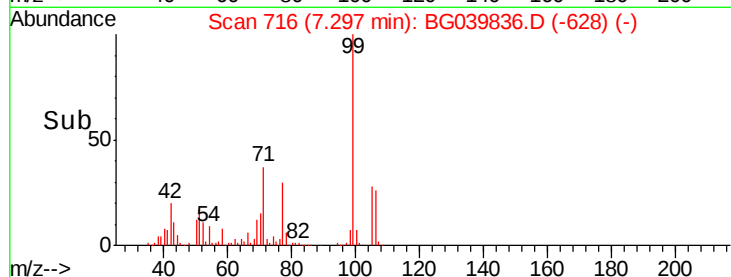
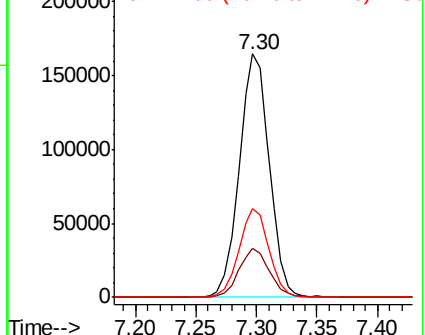
99 100

42 20.2 18.2 27.2

71 36.5 28.0 42.0



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



#8

2-Chlorophenol

Concen: 39.656 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

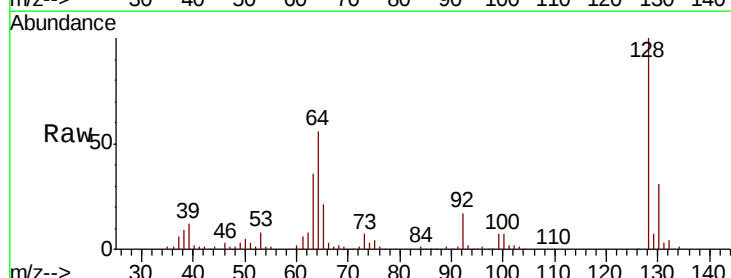
Tgt Ion: 128 Resp: 111286

Ion Ratio Lower Upper

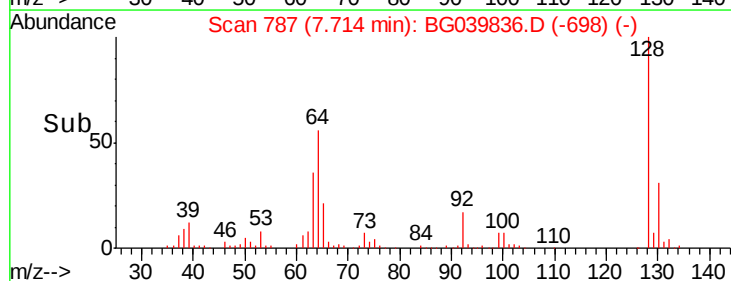
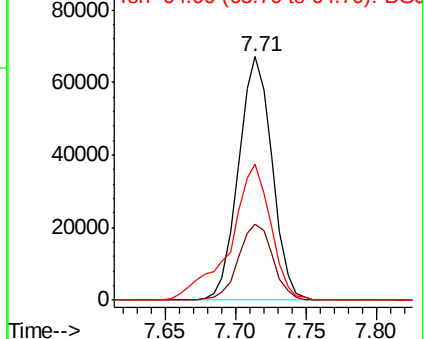
128 100

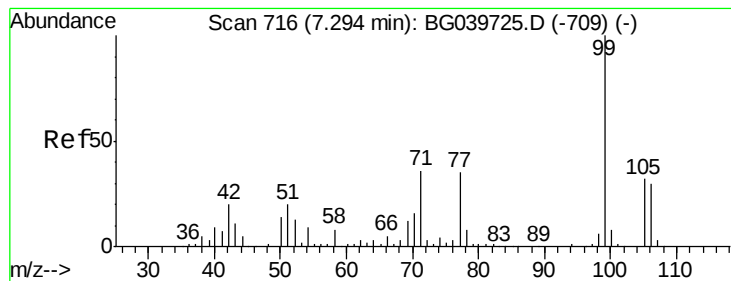
130 31.1 12.9 52.9

64 55.9 38.7 78.7



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





#9

Benzaldehyde

Concen: 38.367 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

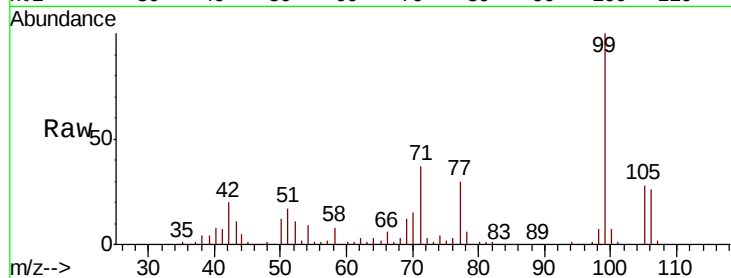
Tot Ion: 77 Resp: 85361

Ion Ratio Lower Upper

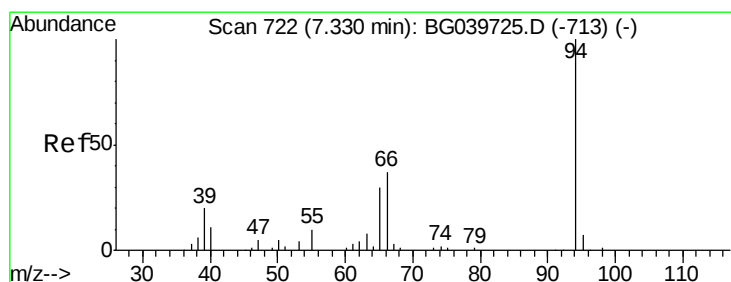
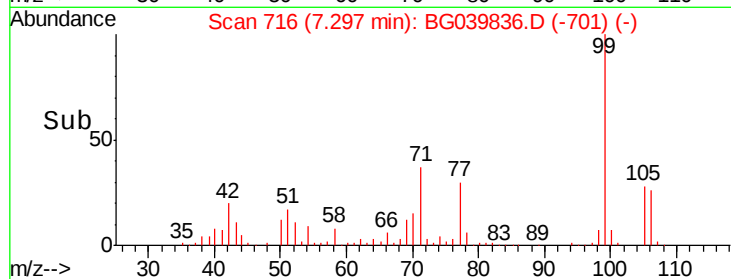
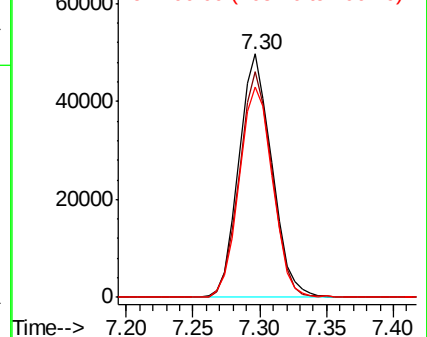
77 100

105 92.6 74.5 114.5

106 86.6 68.0 108.0



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



#10

Phenol

Concen: 41.267 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

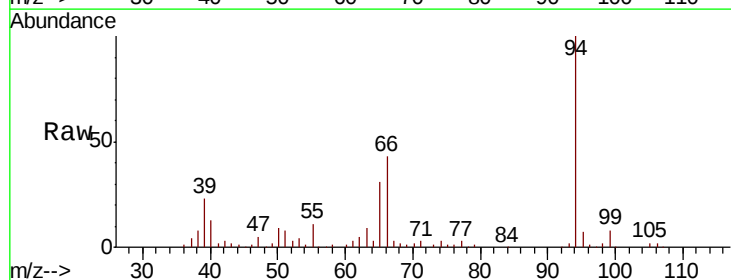
Tgt Ion: 94 Resp: 154192

Ion Ratio Lower Upper

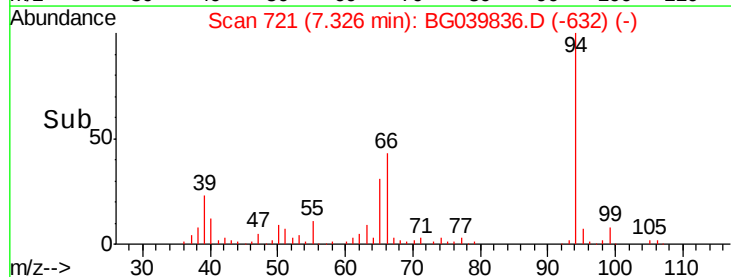
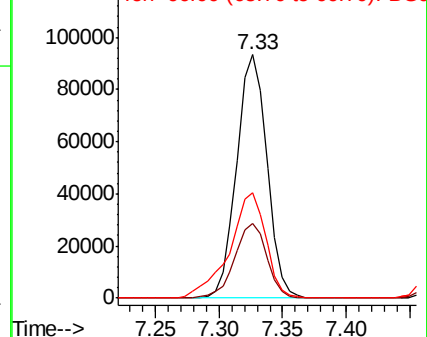
94 100

65 30.8 11.7 51.7

66 43.1 23.7 63.7



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

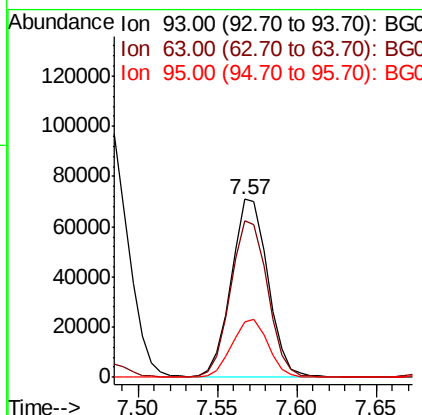
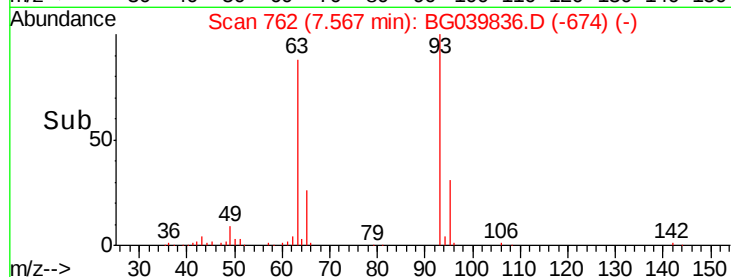
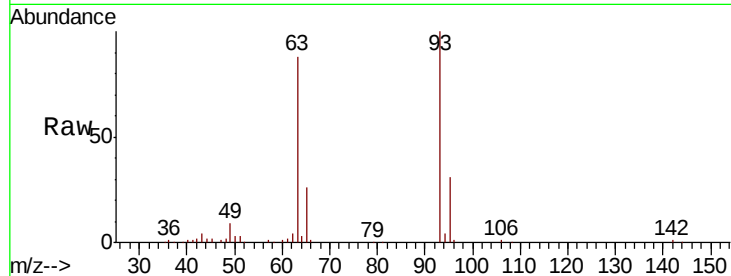




#11
 bis(2-Chloroethyl)ether
 Concen: 39.036 ng
 RT: 7.57 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

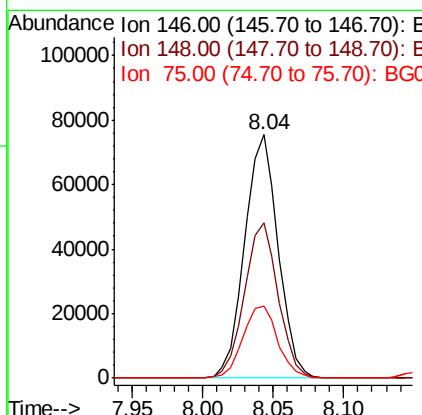
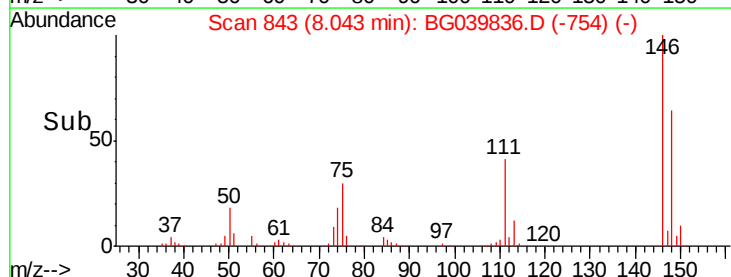
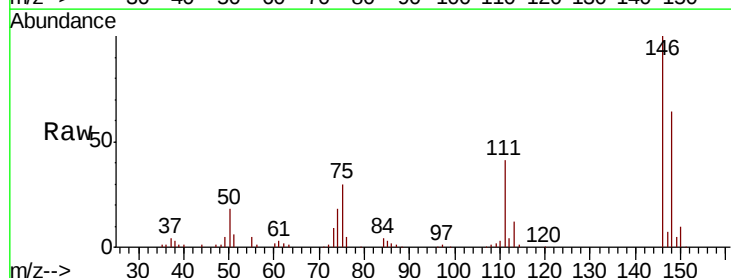
Instrument :
 BNA_G
 ClientSampleId :

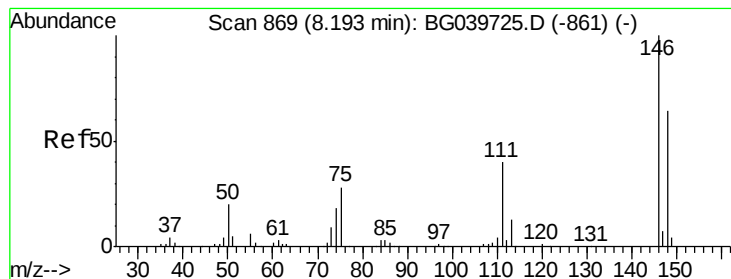
Tot Ion: 93 Resp: 113720
 Ion Ratio Lower Upper
 93 100
 63 87.7 69.5 109.5
 95 31.4 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 39.430 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Tgt Ion: 146 Resp: 125147
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.6 79.0
 75 29.5 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 39.471 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampled :

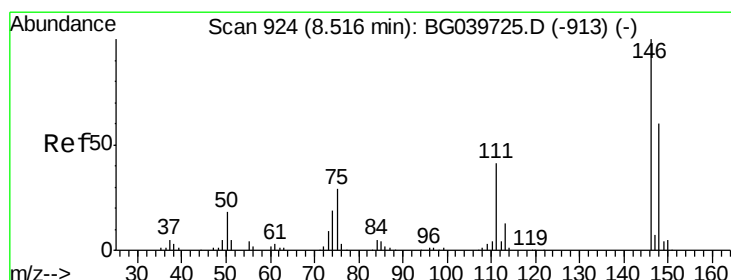
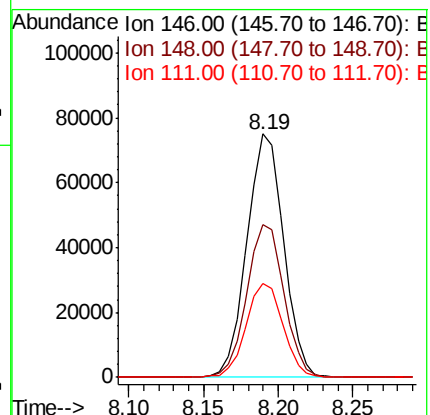
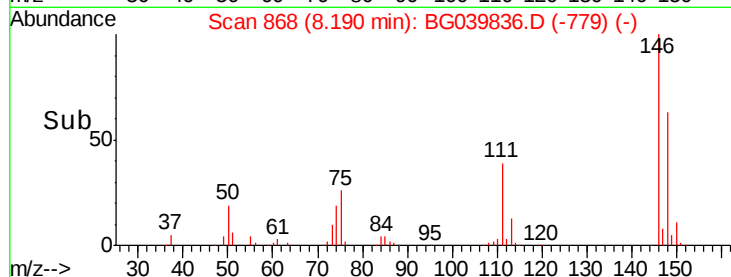
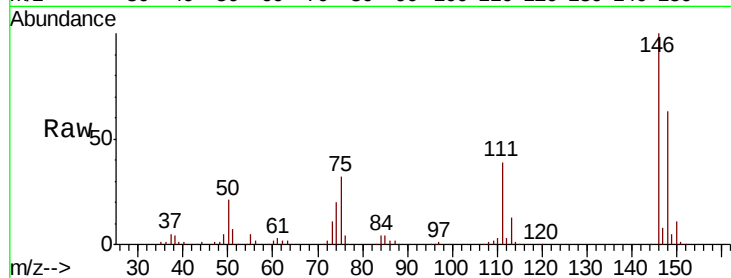
Tot Ion:146 Resp: 127605

Ion Ratio Lower Upper

146 100

148 63.0 51.1 76.7

111 38.7 32.6 48.8



#14

1,2-Dichlorobenzene

Concen: 39.234 ng

RT: 8.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

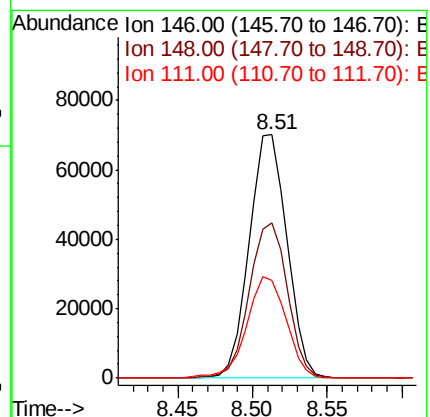
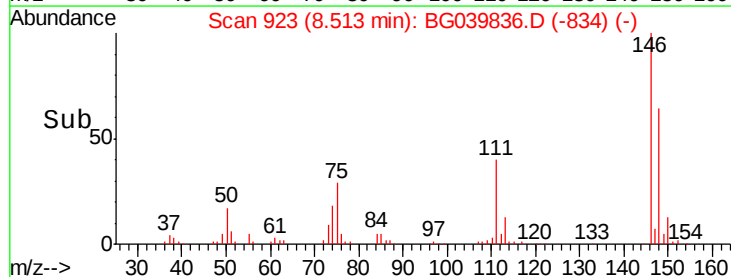
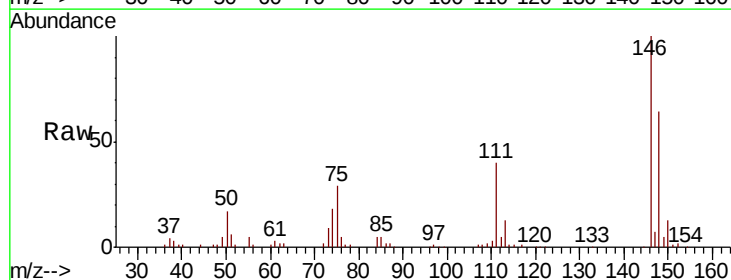
Tgt Ion:146 Resp: 122549

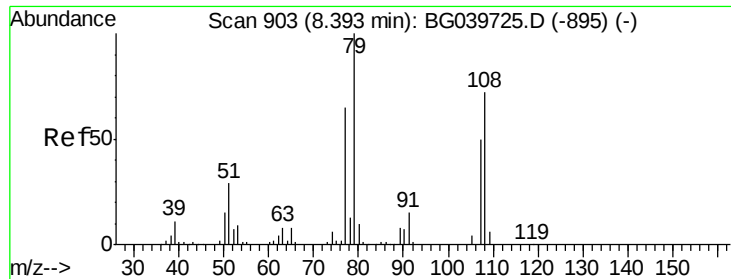
Ion Ratio Lower Upper

146 100

148 63.9 51.5 77.3

111 40.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 40.700 ng

RT: 8.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

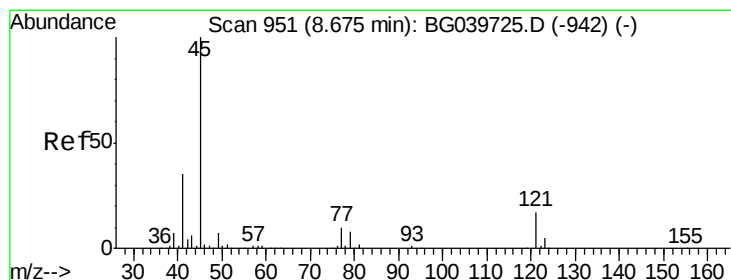
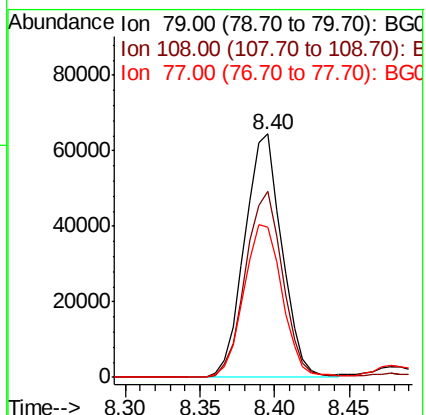
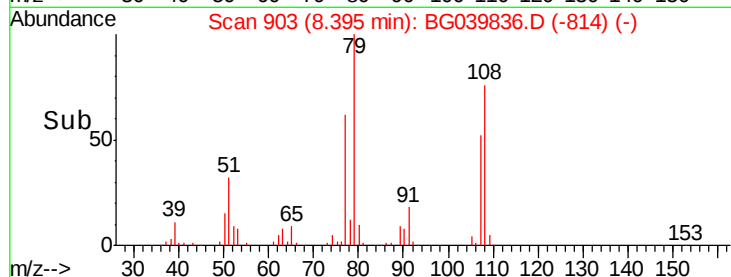
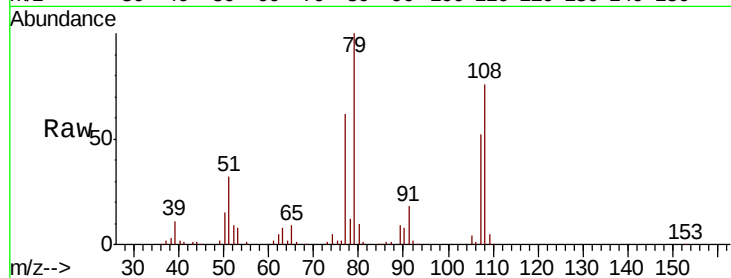
Tot Ion: 79 Resp: 111354

Ion Ratio Lower Upper

79 100

108 76.3 57.8 86.6

77 61.5 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.165 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

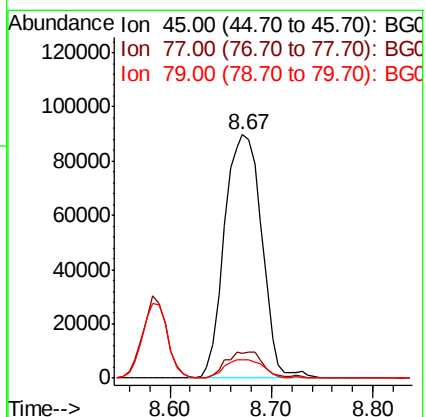
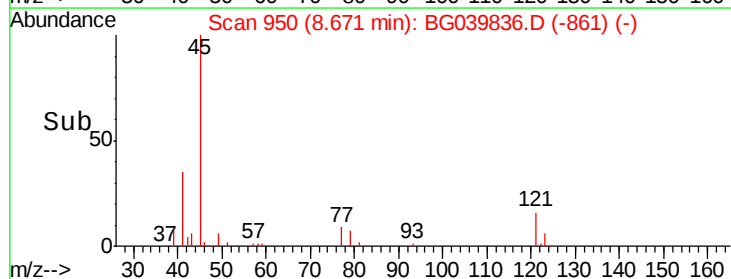
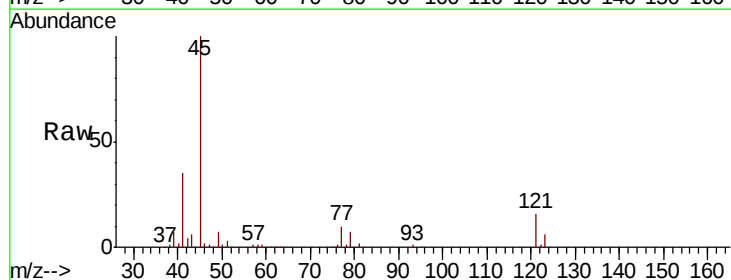
Tgt Ion: 45 Resp: 228194

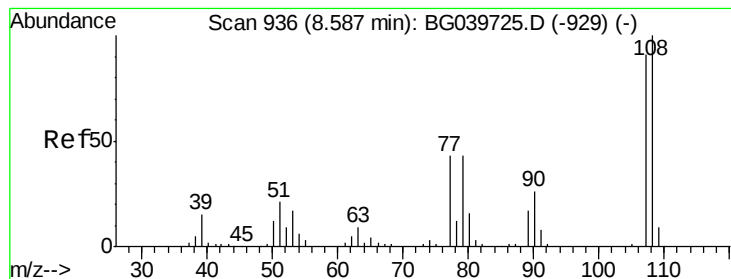
Ion Ratio Lower Upper

45 100

77 10.1 0.0 30.0

79 7.4 0.0 27.5

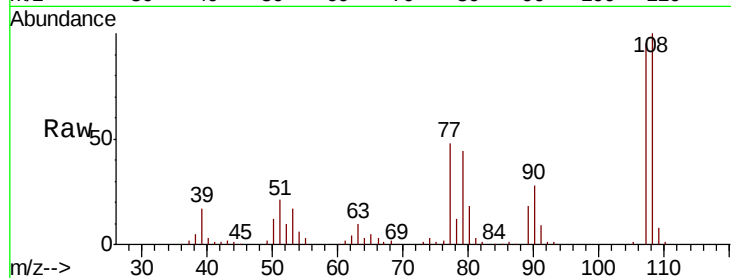




#17
2-Methylphenol
Concen: 41.600 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.6	90.8	136.2
77	51.0	40.7	61.1
79	46.3	40.6	60.8



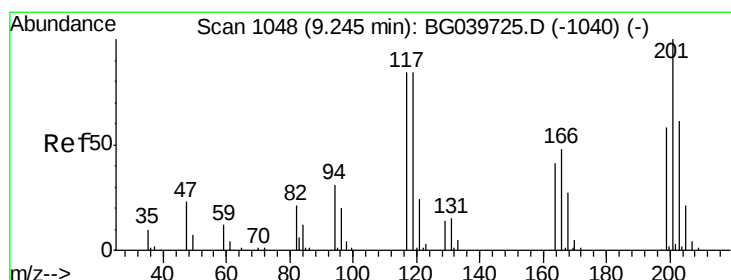
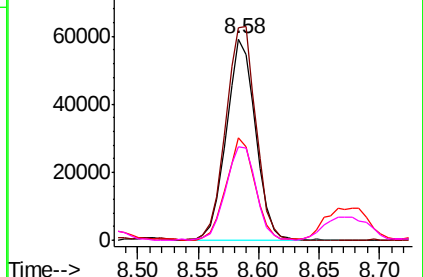
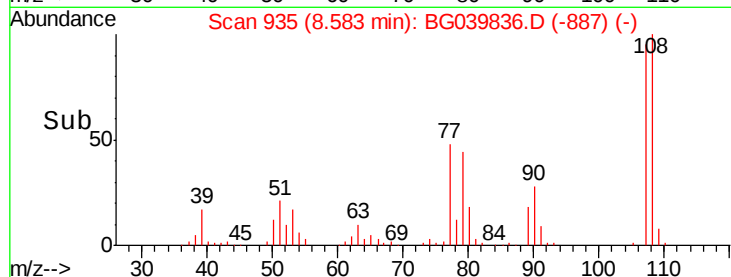
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

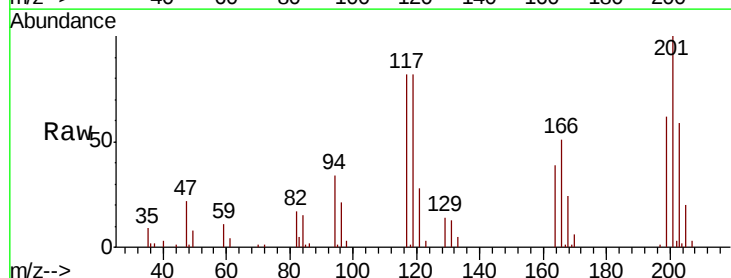
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.592 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.3	114.5
201	121.7	91.1	136.7

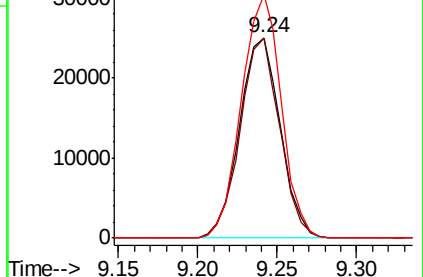
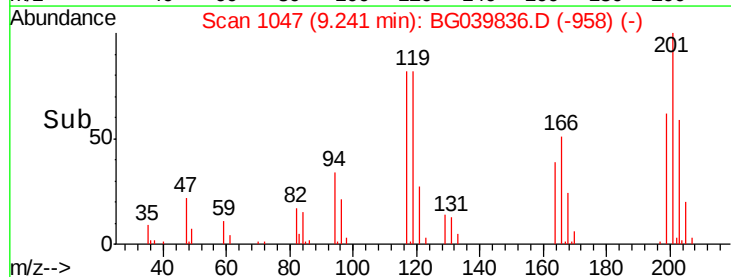


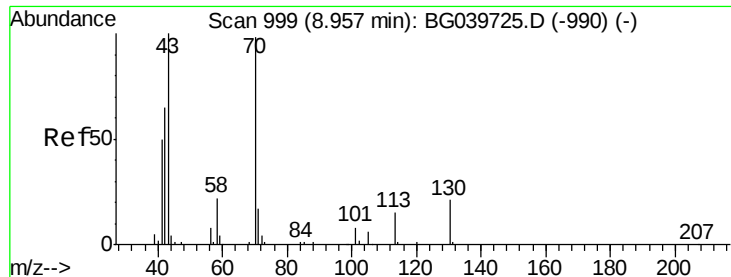
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

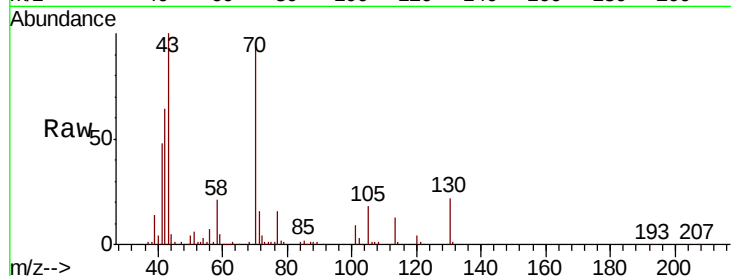




#19
n-Nitroso-di-n-propylamine
Concen: 39.767 ng
RT: 8.96 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	98724
Ion	Ratio	Lower	Upper
70	100		
42	68.3	60.4	90.6
101	10.1	7.5	11.3
130	23.5	16.9	25.3



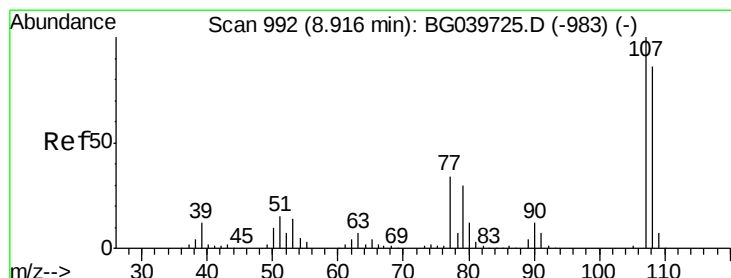
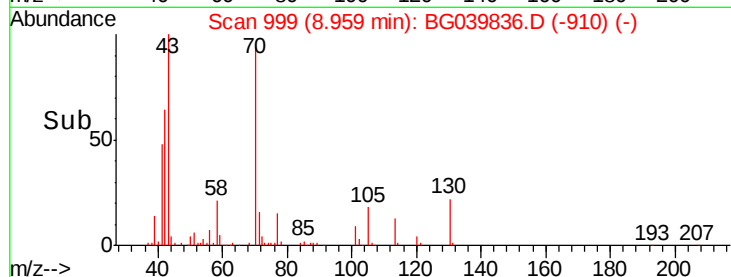
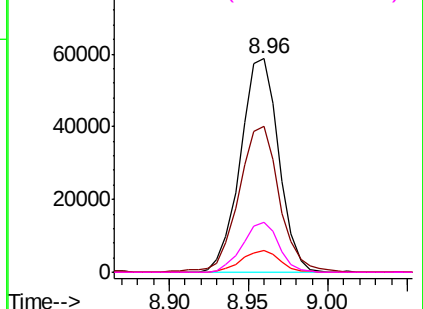
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

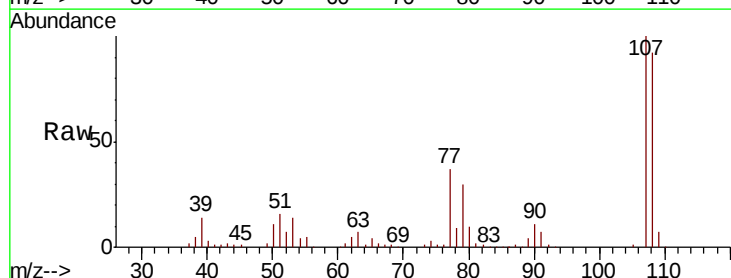
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.684 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion:	107	Resp:	134656
Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.9	107.9
77	36.9	15.4	55.4
79	30.4	13.7	53.7



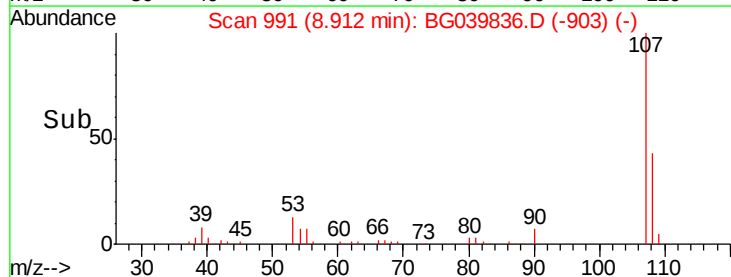
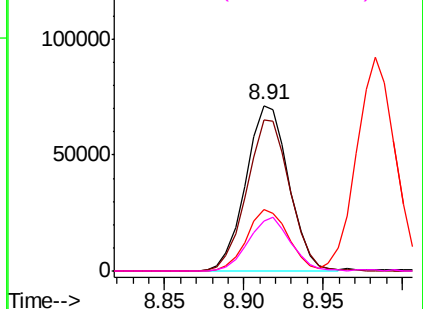
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

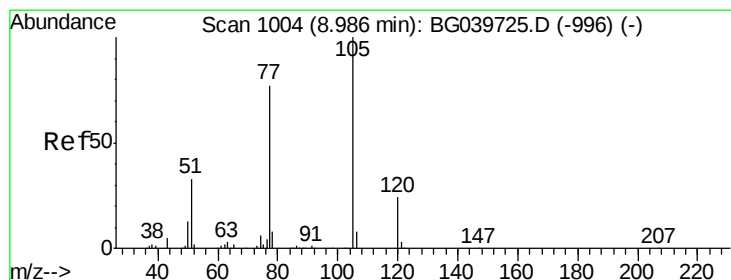
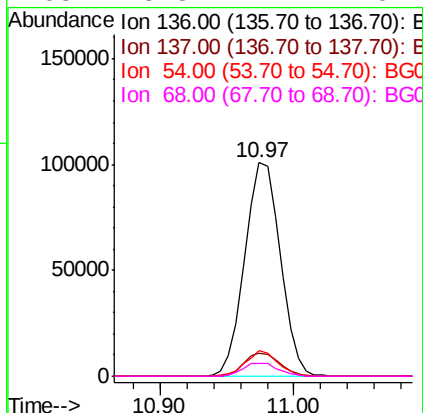
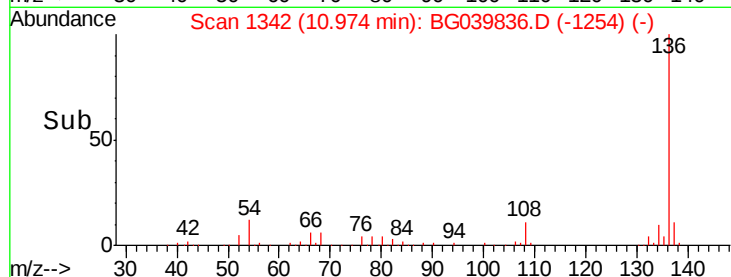
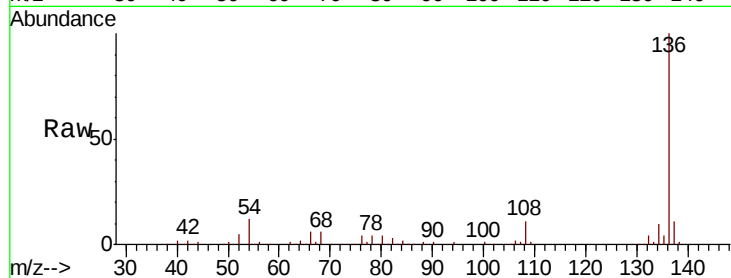




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

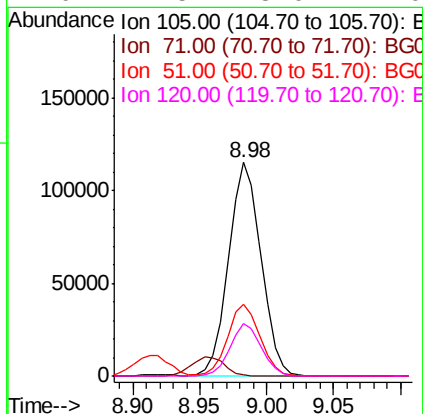
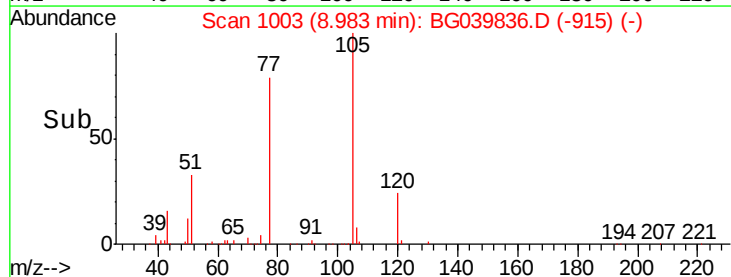
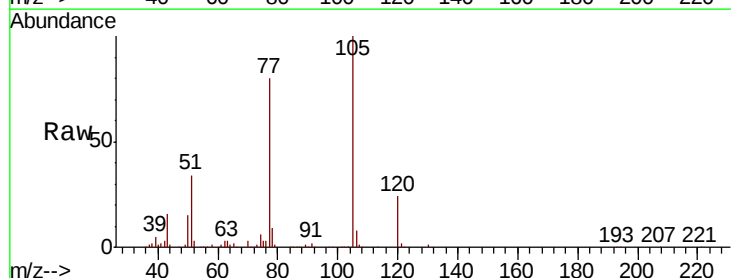
Instrument :
BNA_G
ClientSampleId :

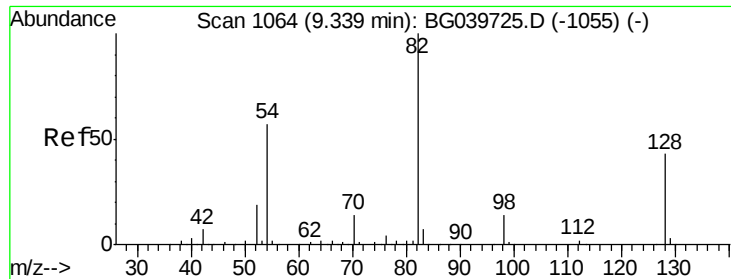
Tot Ion:136	Resp:	185850
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.1 13.7
54	12.1	9.4 14.2
68	5.8	4.2 6.4



#22
Acetophenone
Concen: 39.175 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion:105	Resp:	195409
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.8 1.2#
51	33.6	30.2 45.2
120	24.5	18.0 27.0

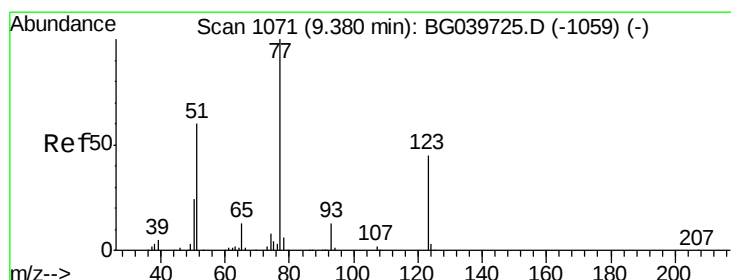
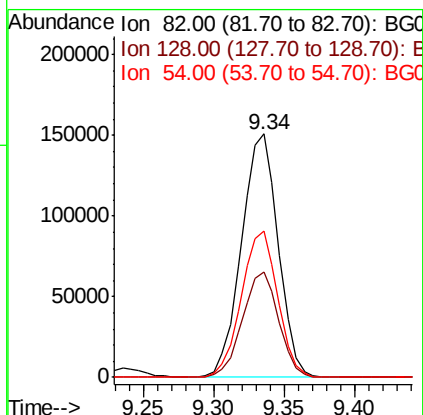
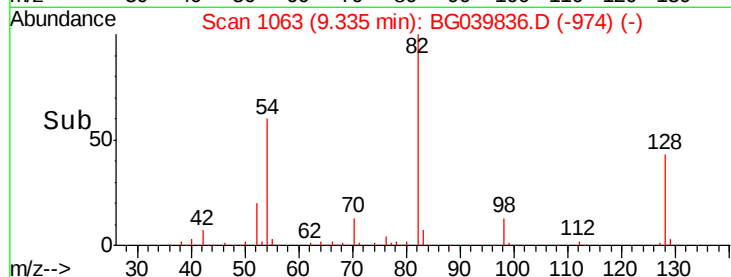
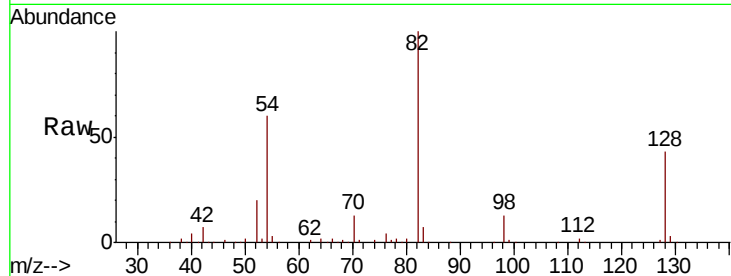




#23
Nitrobenzene-d5
Concen: 79.732 ng
RT: 9.34 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

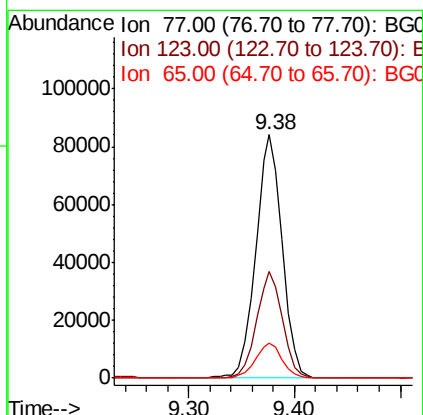
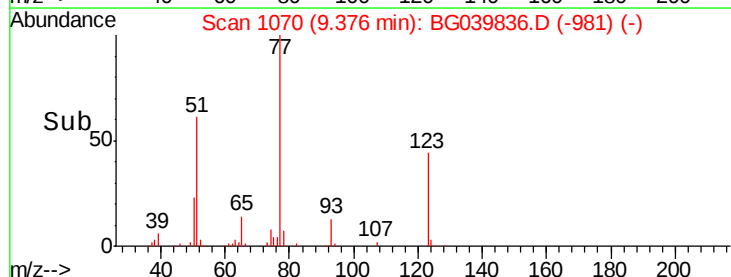
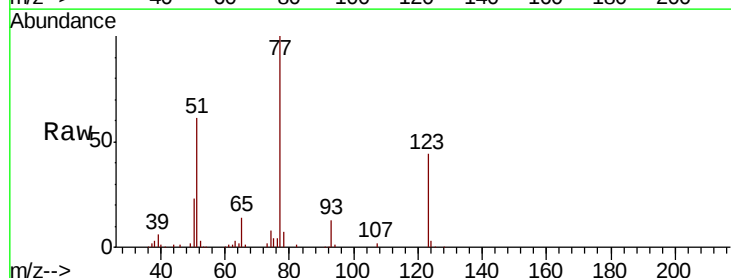
Instrument :
BNA_G
ClientSampleId :

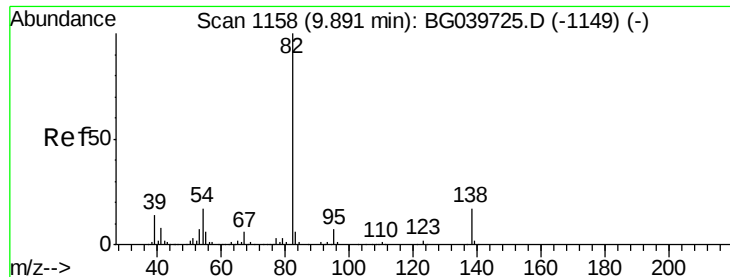
Tot Ion	82	Resp	273983
Ion Ratio	100	Lower	Upper
128	43.2	31.3	46.9
54	60.0	50.9	76.3



#24
Nitrobenzene
Concen: 40.354 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion	77	Resp	145473
Ion Ratio	100	Lower	Upper
123	43.8	34.1	51.1
65	14.3	12.3	18.5





#25

Isophorone

Concen: 39.886 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

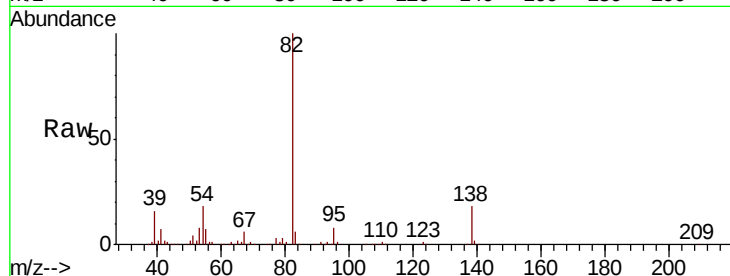
Tot Ion: 82 Resp: 287184

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 17.7 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BG039725.D (-1149) (-)

Ion 95.00 (94.70 to 95.70): BG039725.D (-1149) (-)

Ion 138.00 (137.70 to 138.70): BG039725.D (-1149) (-)

9.89

150000

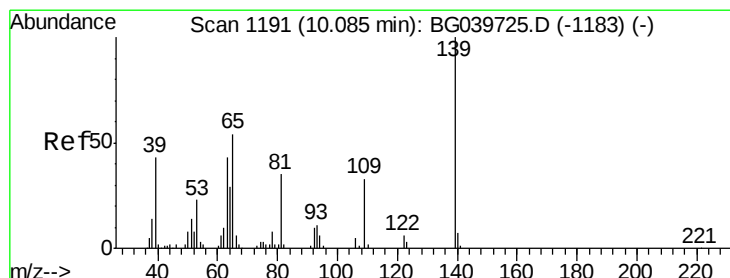
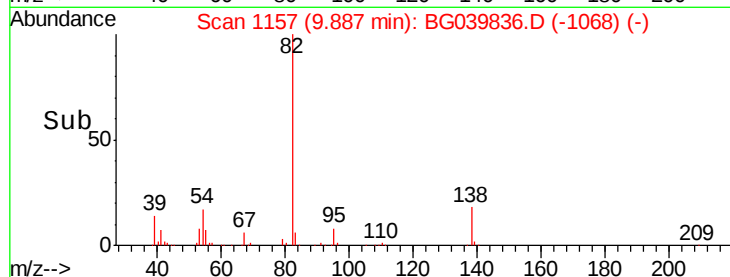
100000

50000

0

9.80 9.90 10.00

Time-->



#26

2-Nitrophenol

Concen: 38.888 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

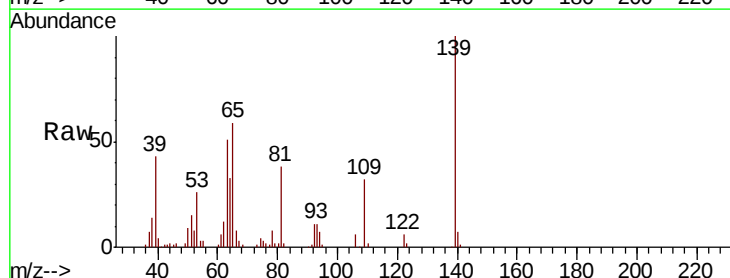
Tgt Ion: 139 Resp: 67686

Ion Ratio Lower Upper

139 100

109 31.6 23.4 35.0

65 59.0 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BG039725.D (-1183) (-)

Ion 109.00 (108.70 to 109.70): BG039725.D (-1183) (-)

Ion 65.00 (64.70 to 65.70): BG039725.D (-1183) (-)

10.08

50000

40000

30000

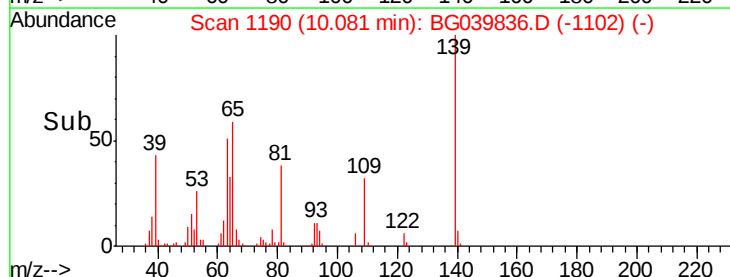
20000

10000

0

10.00 10.05 10.10 10.15

Time-->

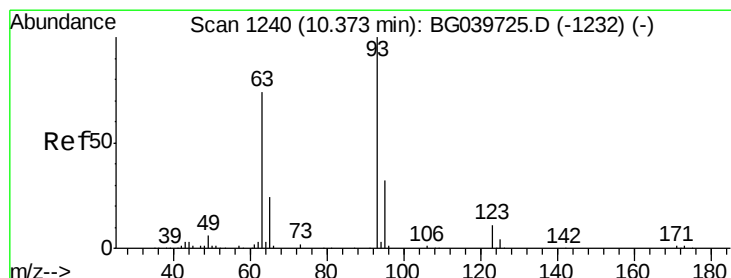
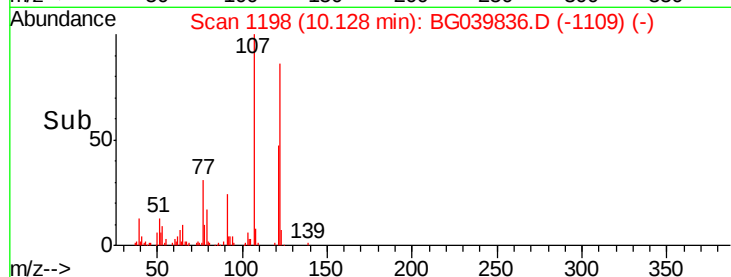
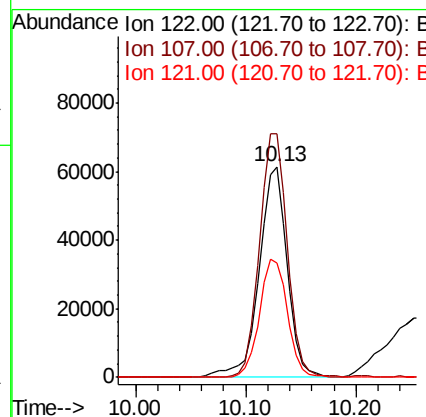
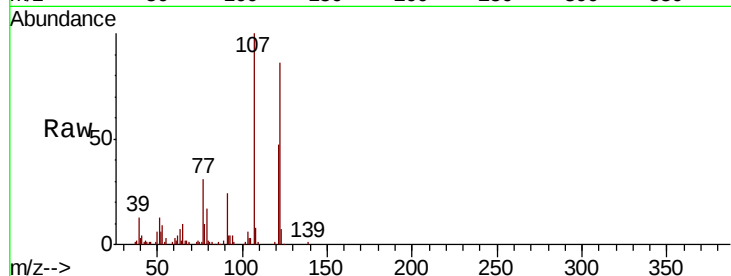




#27
2,4-Dimethylphenol
Concen: 40.500 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

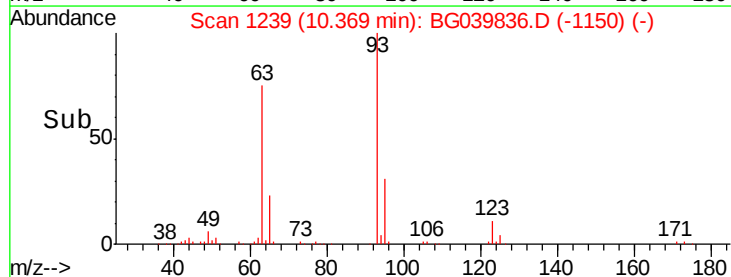
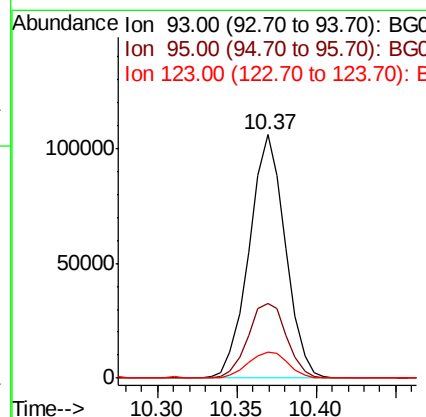
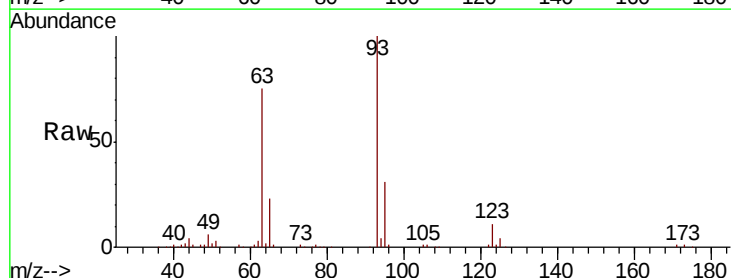
Instrument :
BNA_G
ClientSampleId :

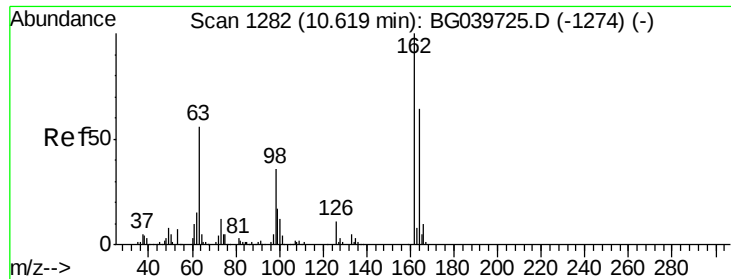
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.7	91.7	137.5
121	54.3	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.367 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	25.0	37.4
123	10.7	8.6	12.8

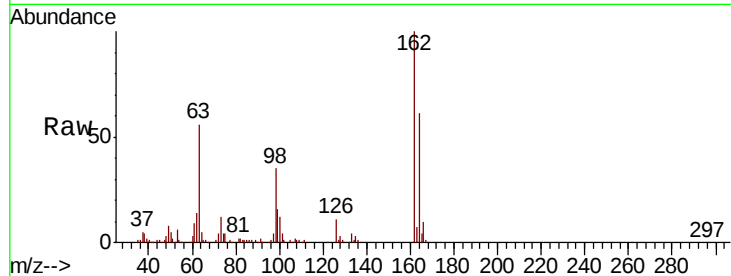




#29
 2,4-Dichlorophenol
 Concen: 41.618 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	48.1	88.1
98	34.6	18.1	58.1

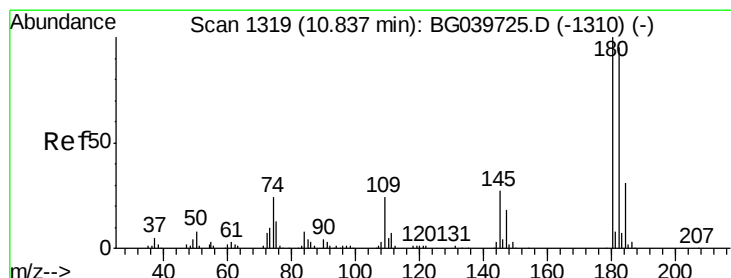
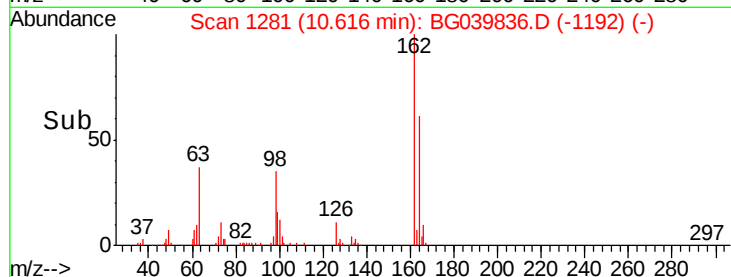
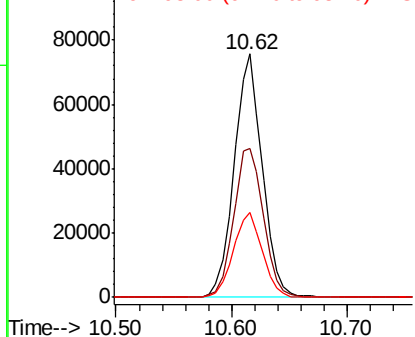


Abundance

Ion 162.00 (161.70 to 162.70): E

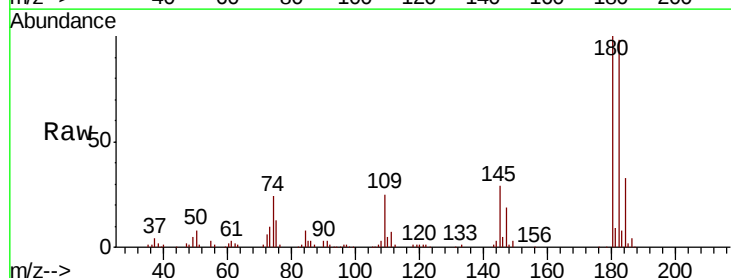
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 39.561 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.0	114.0
145	28.6	22.7	34.1

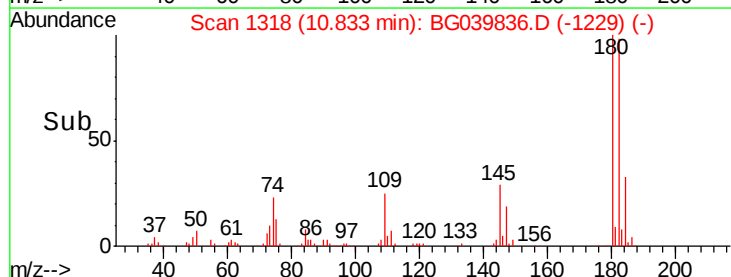
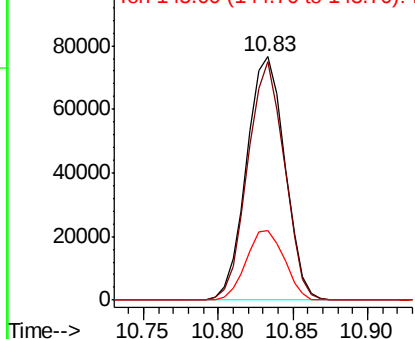


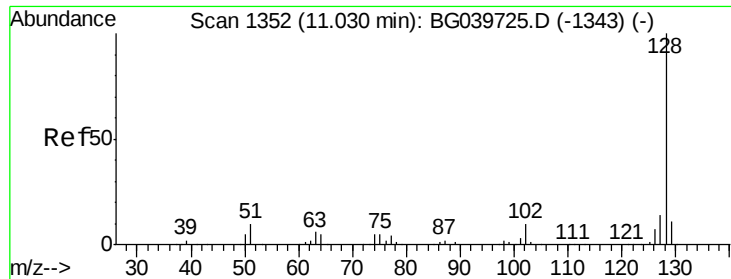
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

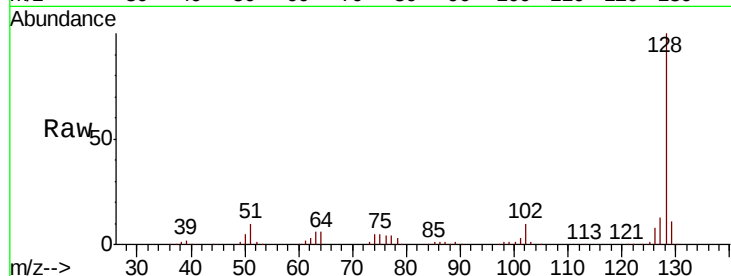




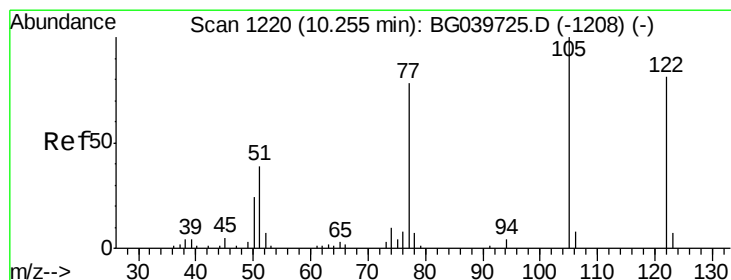
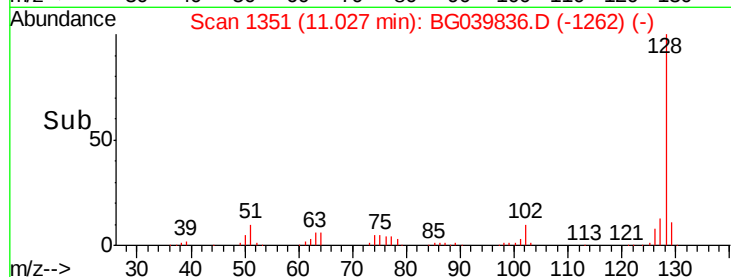
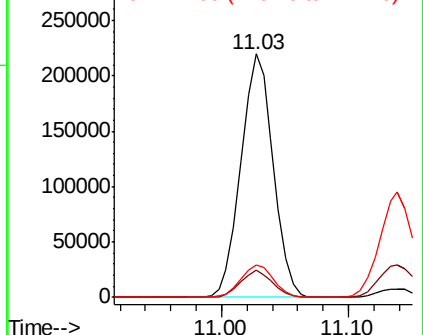
#31
Naphthalene
Concen: 39.280 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 386517
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.5 10.8 16.2

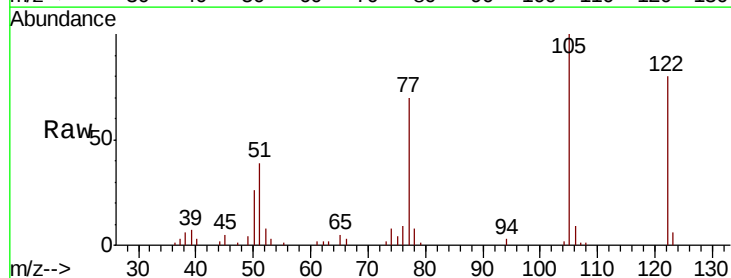


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

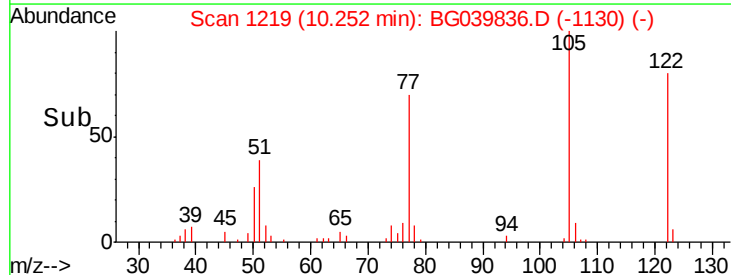
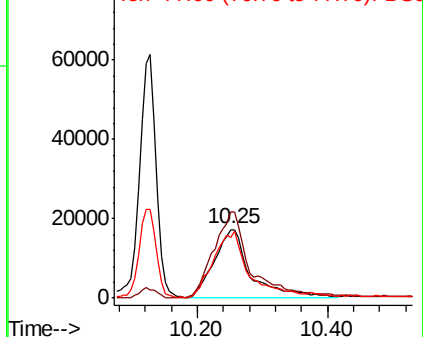


#32
Benzoic acid
Concen: 36.677 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion:122 Resp: 64815
Ion Ratio Lower Upper
122 100
105 125.4 101.8 141.8
77 88.1 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO

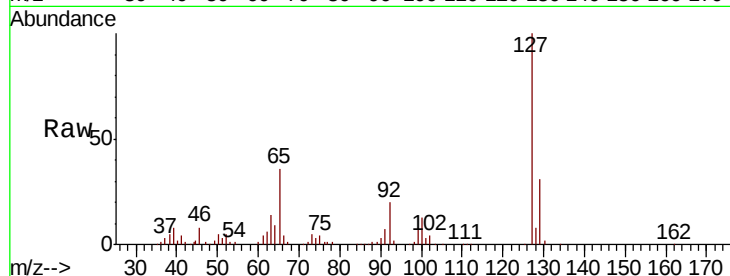




#33
4-Chloroaniline
Concen: 40.934 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	170798
Ion	Ratio	Lower	Upper
127	100		
129	31.0	27.0	40.4
65	36.1	28.8	43.2
92	20.1	16.6	25.0



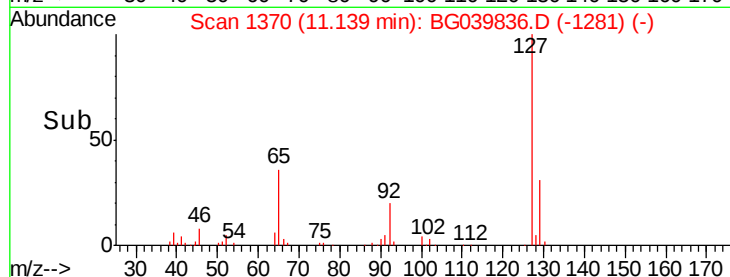
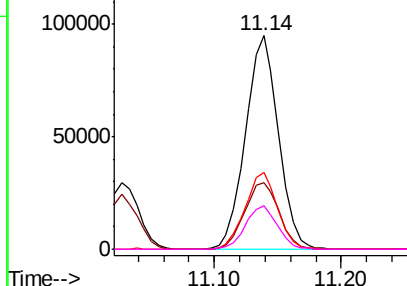
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

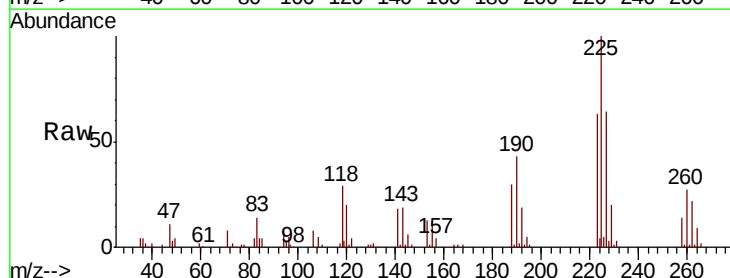
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 38.917 ng
RT: 11.29 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion:	225	Resp:	91205
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.0	73.6
227	63.6	46.3	69.5

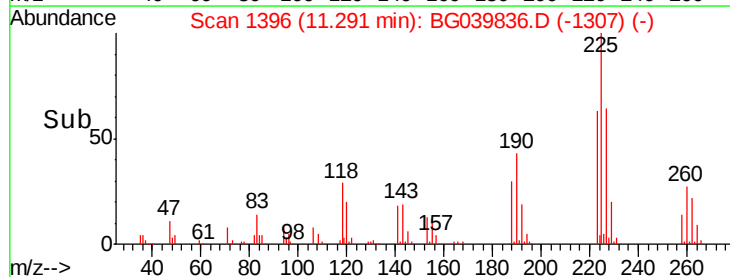
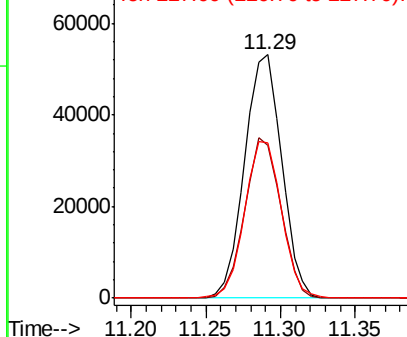


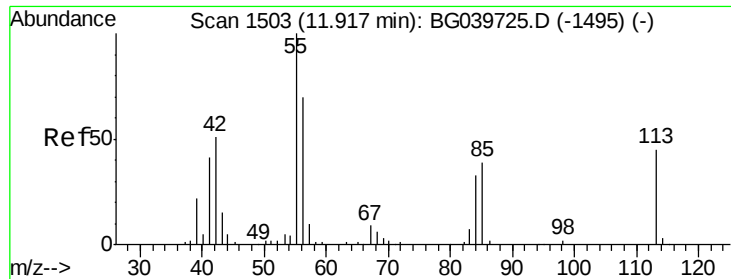
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

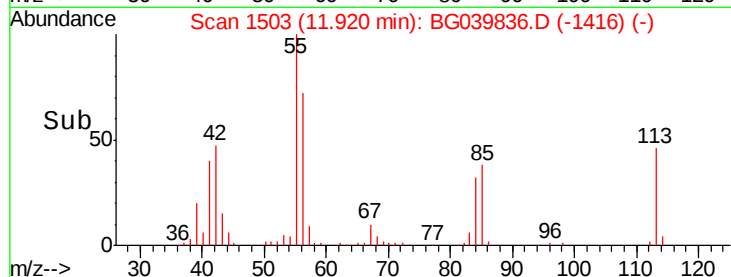
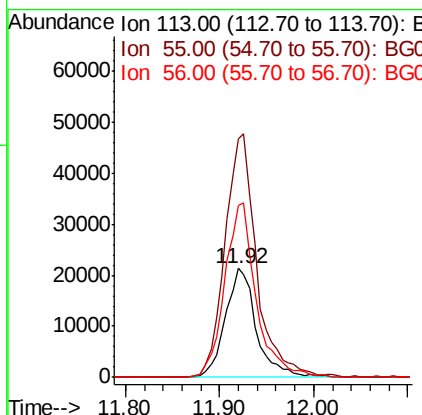
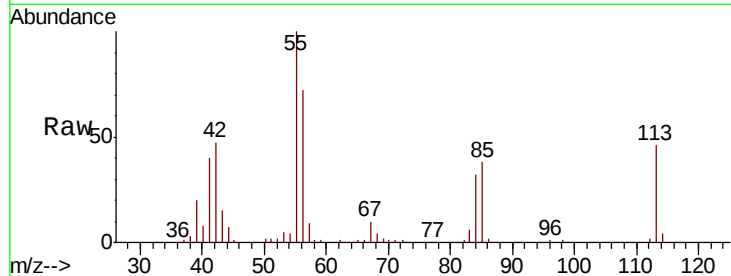




#35
 Caprolactam
 Concen: 41.910 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

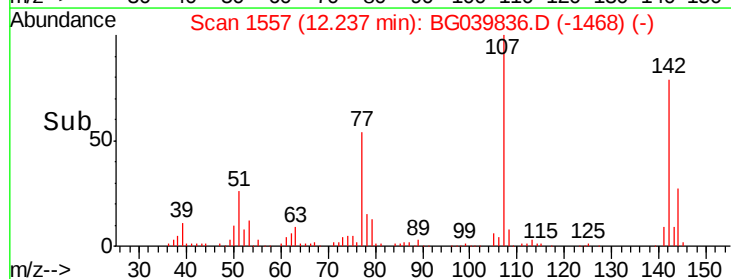
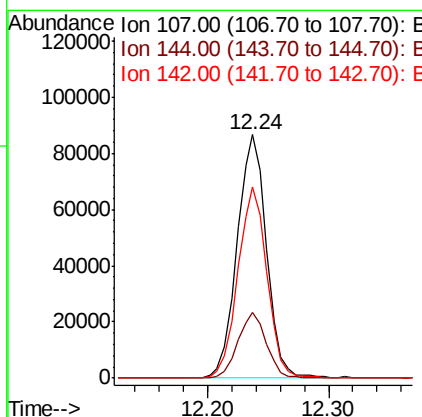
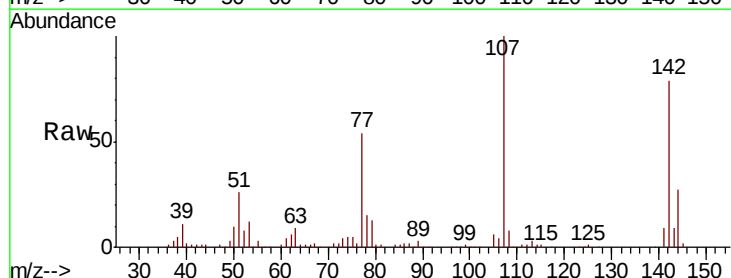
Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:113 Resp: 48793
 Ion Ratio Lower Upper
 113 100
 55 219.0 216.9 256.9
 56 158.5 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.009 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Tgt Ion:107 Resp: 146770
 Ion Ratio Lower Upper
 107 100
 144 26.7 20.2 30.2
 142 78.5 61.4 92.2

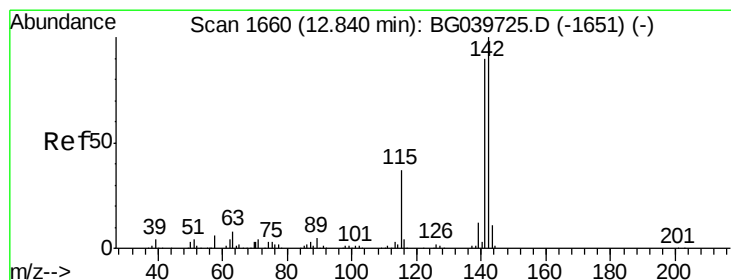
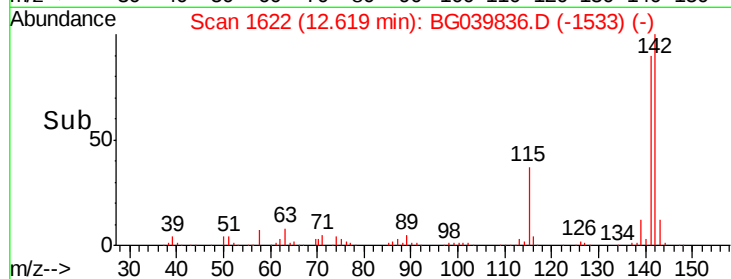
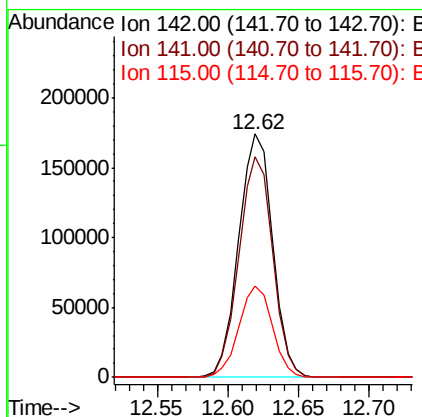
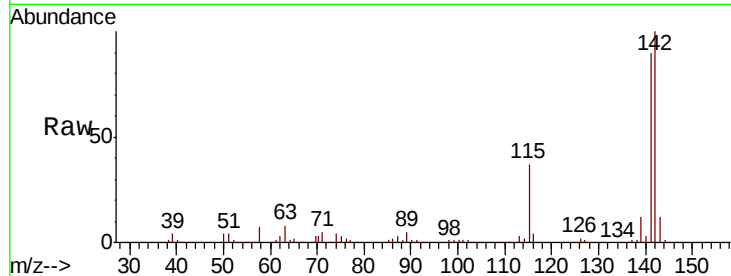




#37
 2-Methylnaphthalene
 Concen: 39.779 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

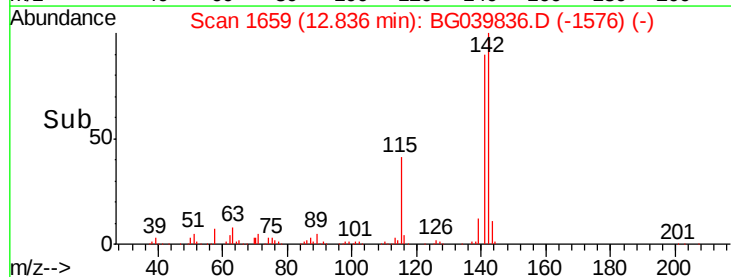
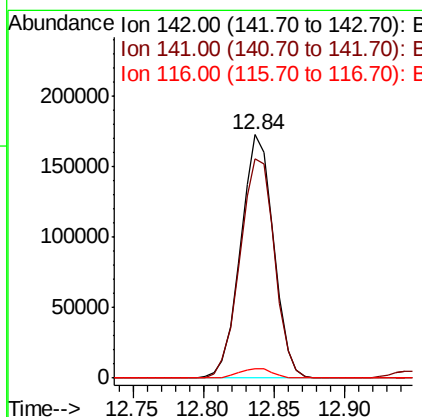
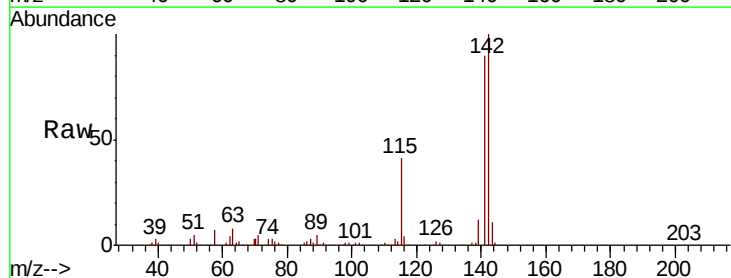
Instrument :
 BNA_G
 ClientSampleId :

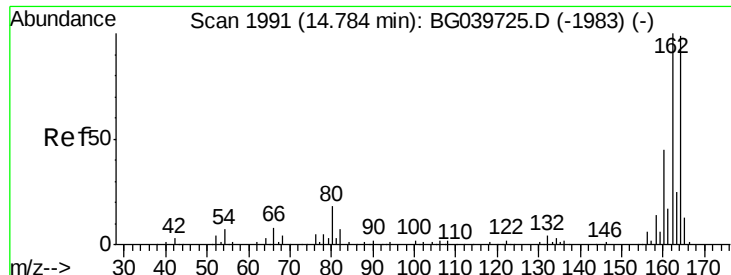
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	73.5	110.3
115	37.3	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 39.486 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	74.2	111.4
116	3.9	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampled :

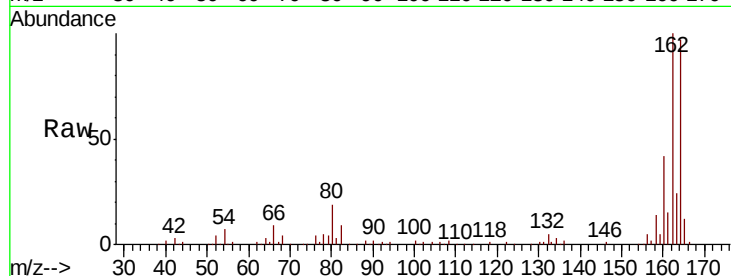
Tot Ion:164 Resp: 129987

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

160 43.4 34.2 51.2

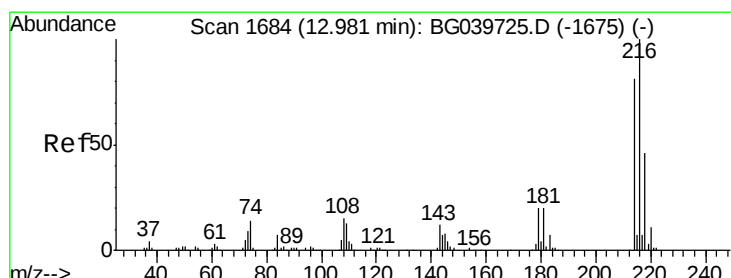
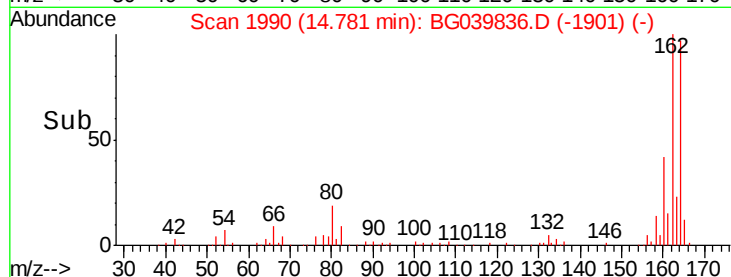
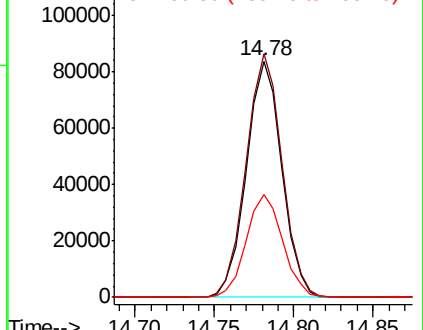


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.360 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Tgt Ion:216 Resp: 168925

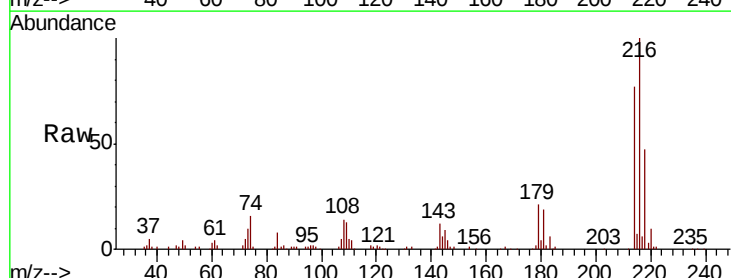
Ion Ratio Lower Upper

216 100

214 79.2 62.6 94.0

179 21.0 16.6 25.0

108 16.2 14.0 21.0



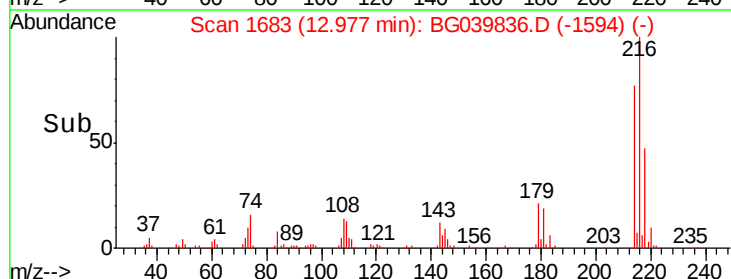
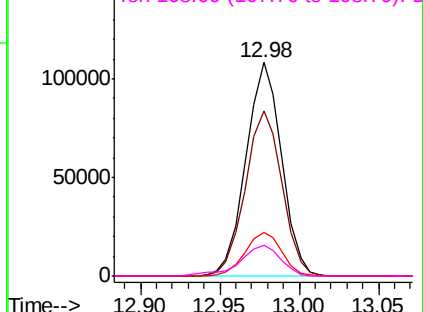
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 33.630 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

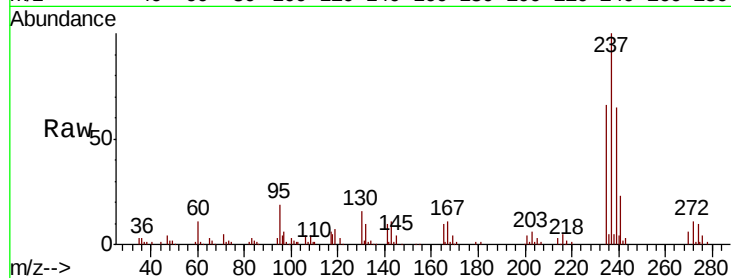
Tot Ion:237 Resp: 79364

Ion Ratio Lower Upper

237 100

235 65.7 43.3 83.3

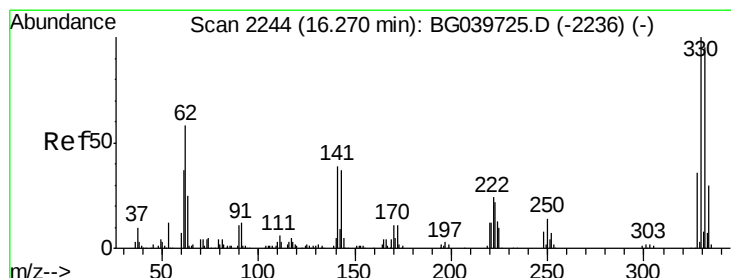
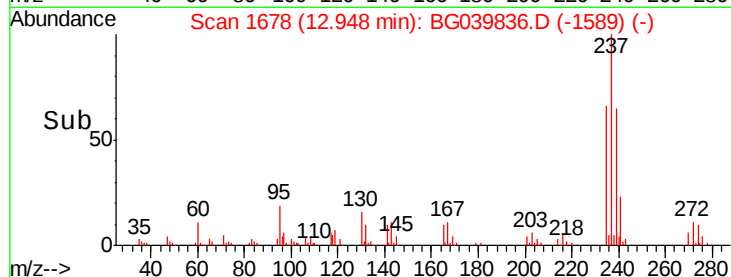
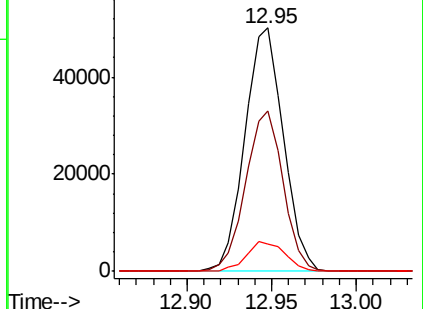
272 11.4 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 80.740 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

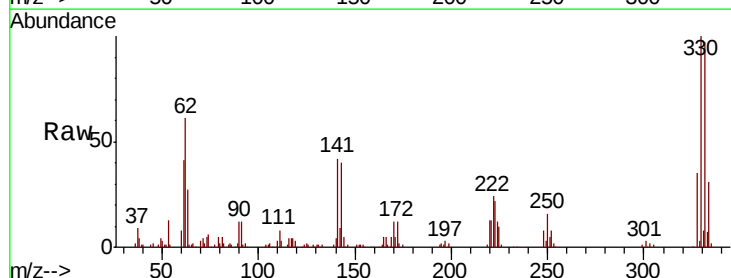
Tgt Ion:330 Resp: 122329

Ion Ratio Lower Upper

330 100

332 97.1 75.7 113.5

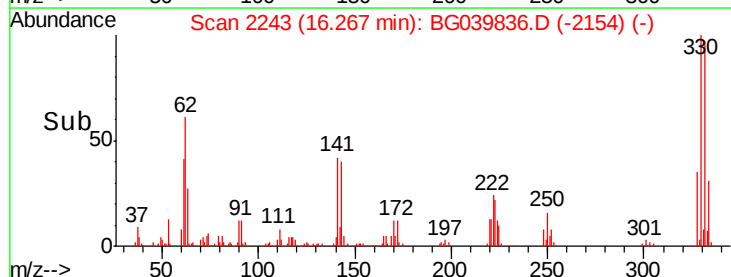
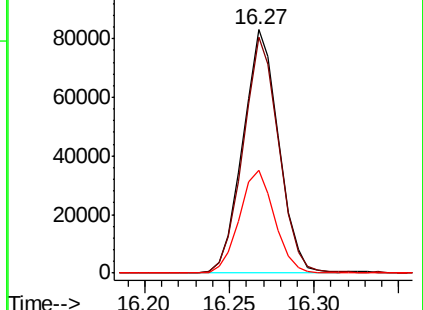
141 41.6 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

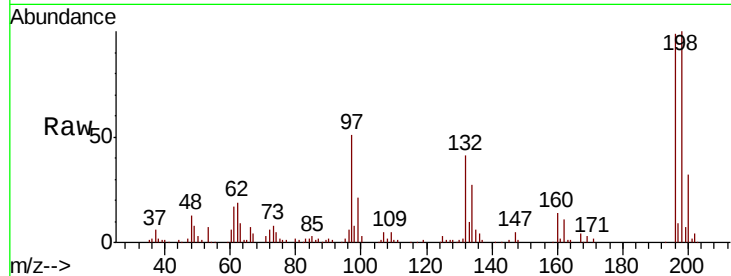




#43
 2,4,6-Trichlorophenol
 Concen: 40.780 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	105137
Ion	Ratio	Lower	Upper
196	100		
198	101.2	80.6	121.0
200	32.8	26.1	39.1

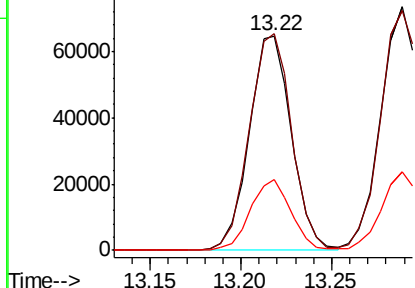
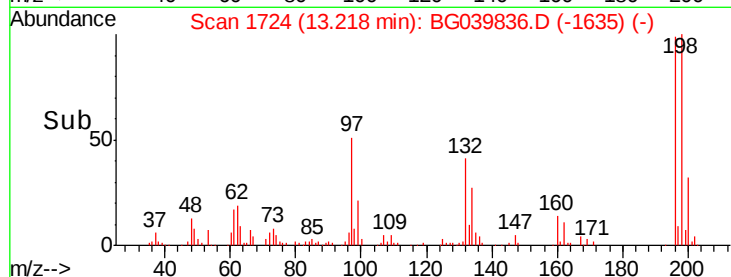


Abundance

Ion 196.00 (195.70 to 196.70): E

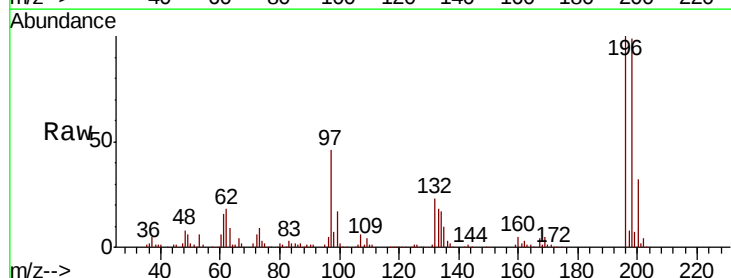
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.121 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Tgt Ion	196	Resp	119499
Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.5	117.7
97	46.4	38.4	57.6
132	23.0	19.2	28.8



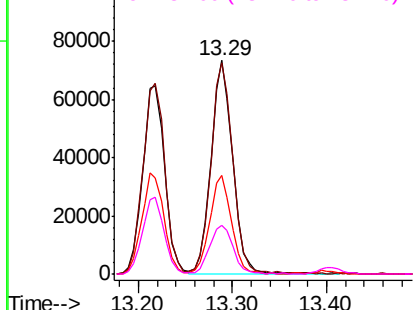
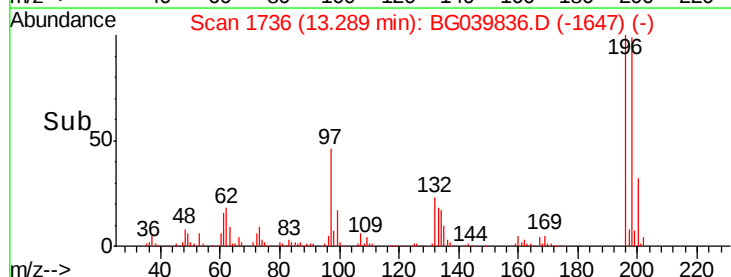
Abundance

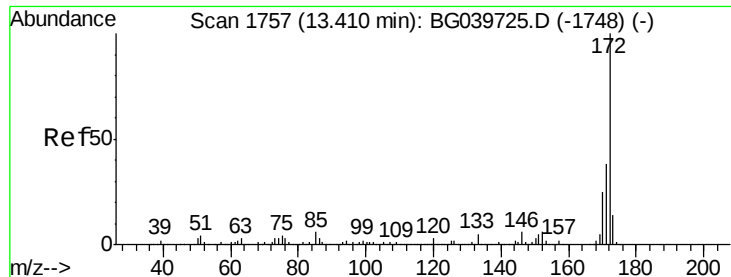
Ion 196.00 (195.70 to 196.70): E

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

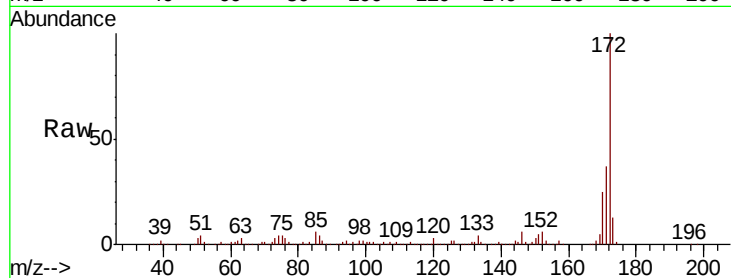




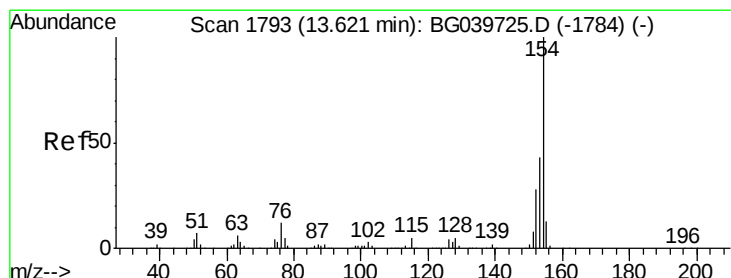
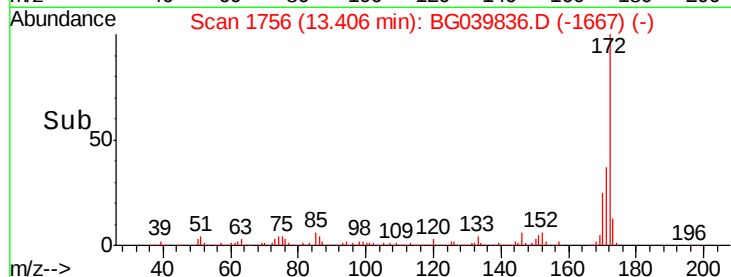
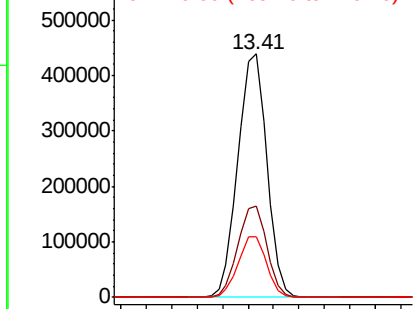
#45
 2-Fluorobiphenyl
 Concen: 76.301 ng
 RT: 13.41 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 696585
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.1 20.2 30.4

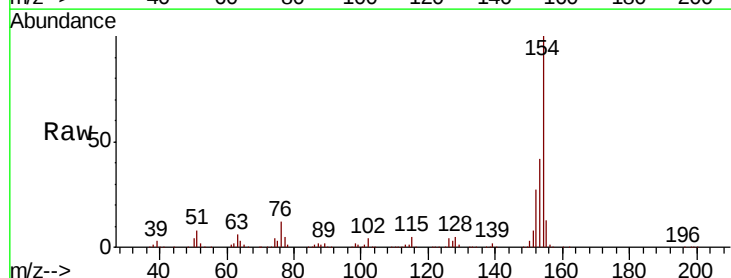


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

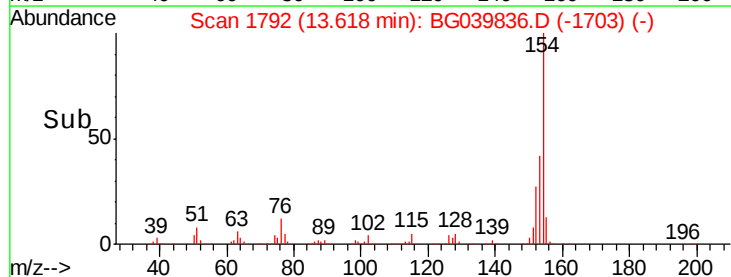
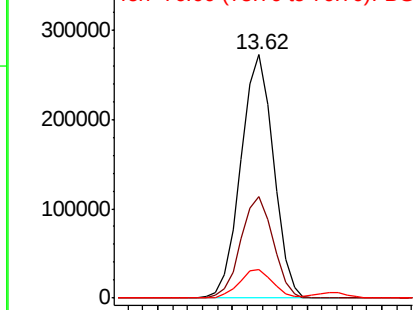


#46
 1,1'-Biphenyl
 Concen: 38.628 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Tgt Ion:154 Resp: 412979
 Ion Ratio Lower Upper
 154 100
 153 41.8 22.1 62.1
 76 11.9 0.0 32.4



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

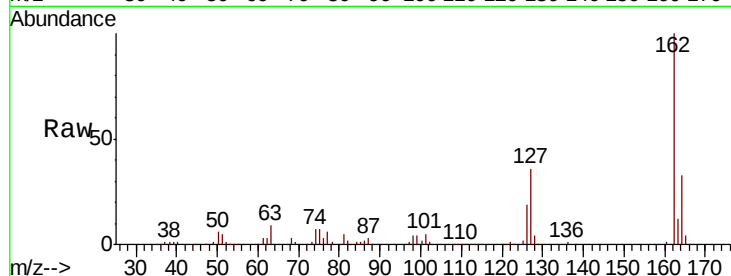




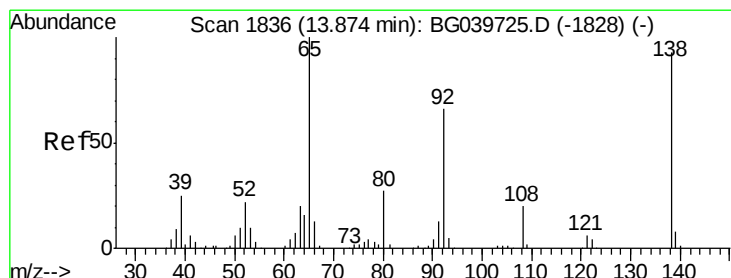
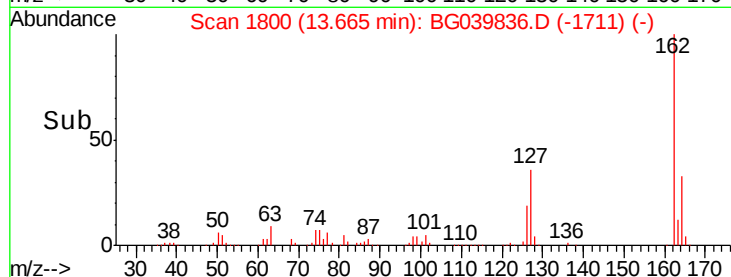
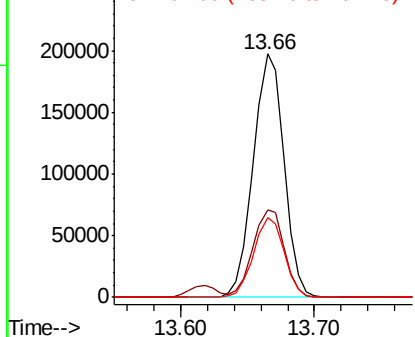
#47
 2-Chloronaphthalene
 Concen: 38.794 ng
 RT: 13.66 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 312019
 Ion Ratio Lower Upper
 162 100
 127 35.9 31.0 46.6
 164 33.0 25.7 38.5

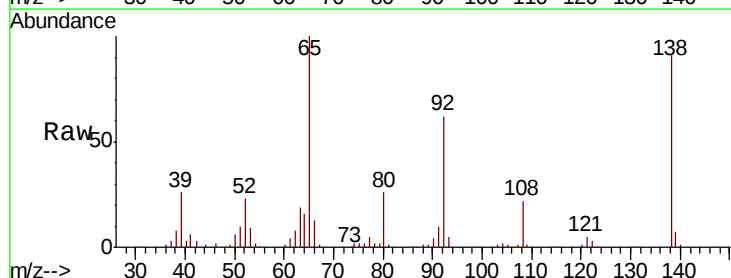


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

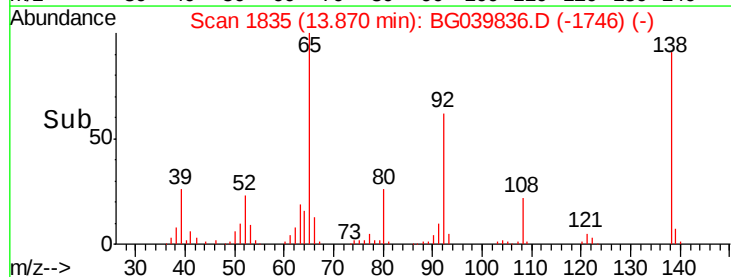
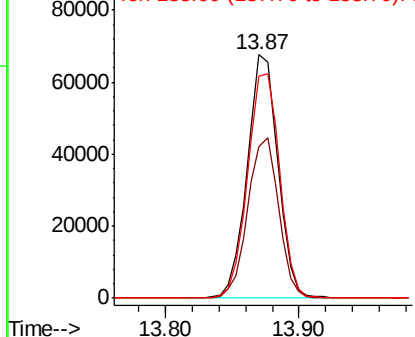


#48
 2-Nitroaniline
 Concen: 41.349 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Tgt Ion: 65 Resp: 106878
 Ion Ratio Lower Upper
 65 100
 92 62.0 51.4 77.2
 138 90.9 71.4 107.2



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





#49

Acenaphthylene

Concen: 39.297 ng

RT: 14.51 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

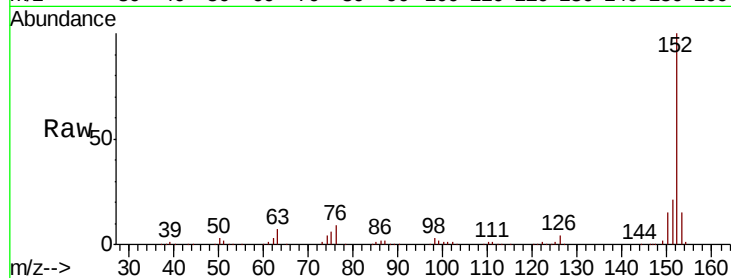
Tot Ion:152 Resp: 518853

Ion Ratio Lower Upper

152 100

151 21.1 16.8 25.2

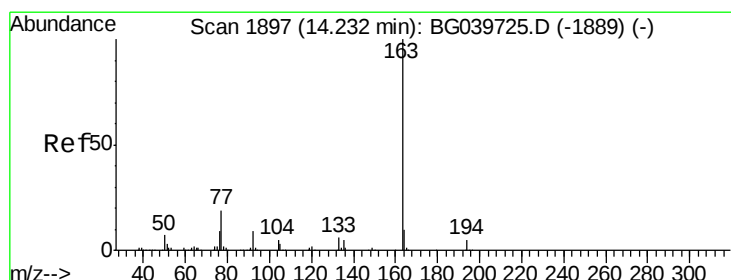
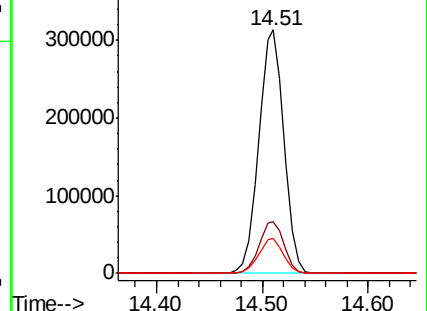
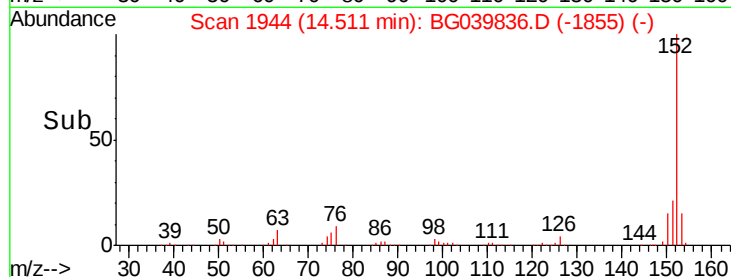
153 14.6 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.978 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

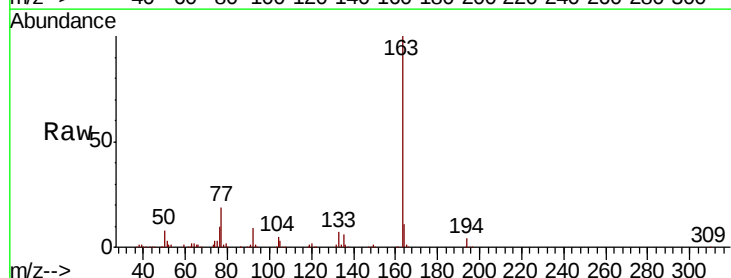
Tgt Ion:163 Resp: 423668

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

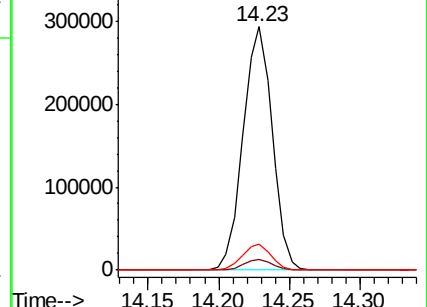
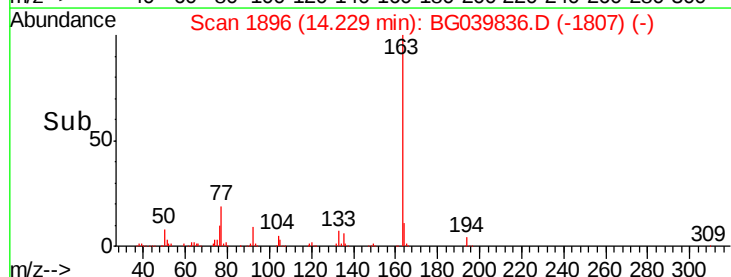
164 10.8 8.4 12.6

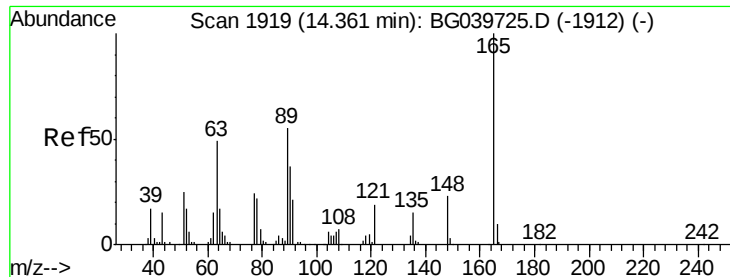


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.363 ng

RT: 14.36 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

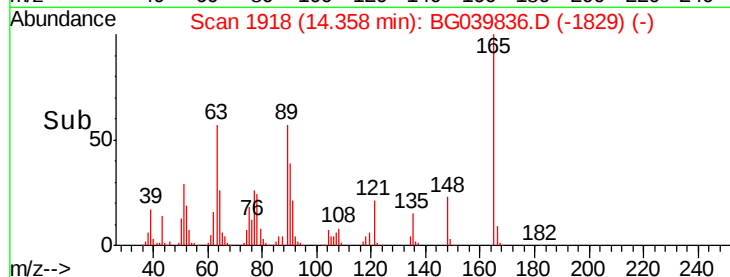
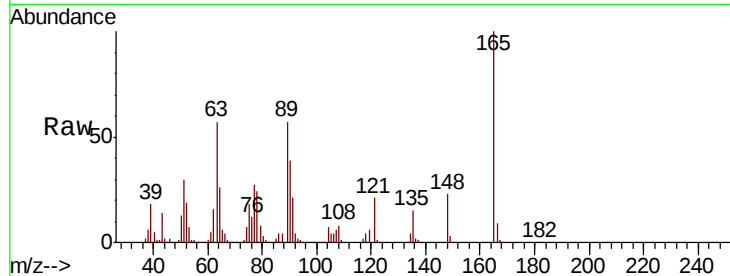
Tot Ion:165 Resp: 95312

Ion Ratio Lower Upper

165 100

63 56.7 47.0 70.6

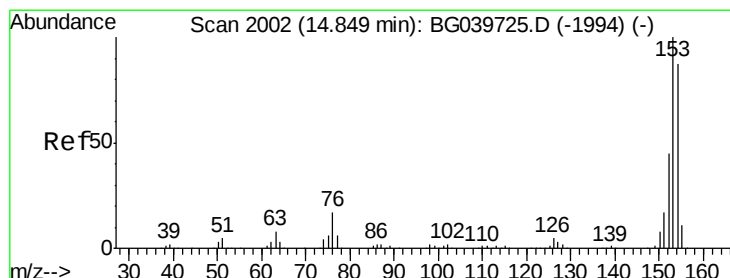
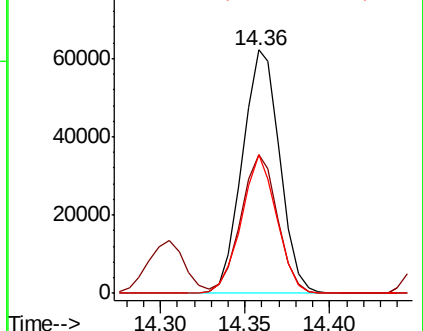
89 56.9 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.909 ng

RT: 14.85 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

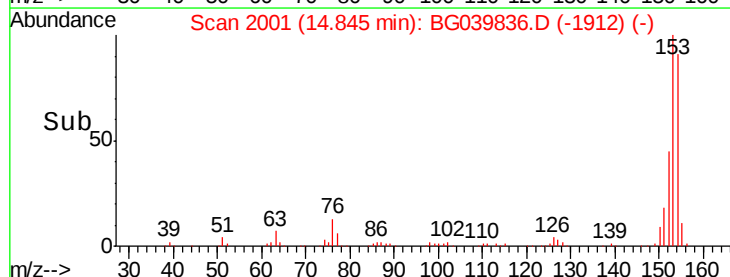
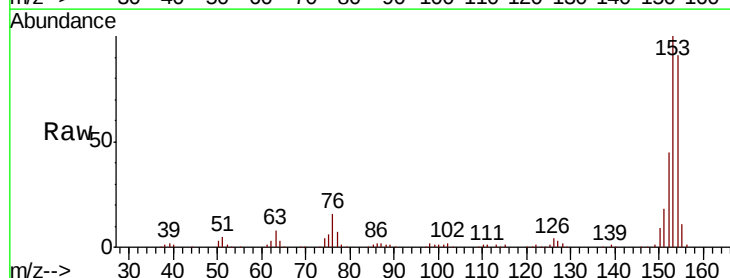
Tgt Ion:154 Resp: 309199

Ion Ratio Lower Upper

154 100

153 109.7 90.1 135.1

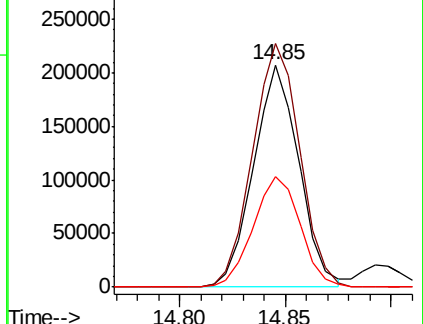
152 49.6 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.426 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

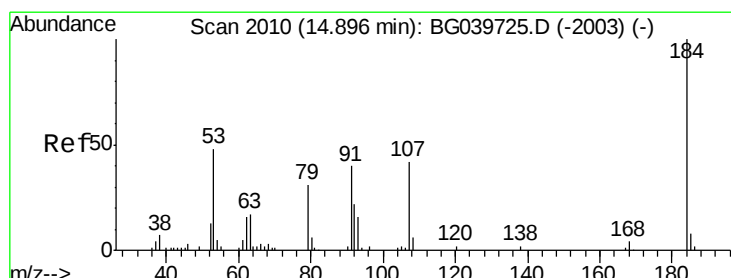
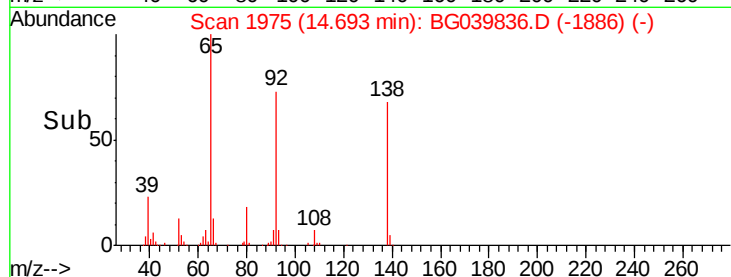
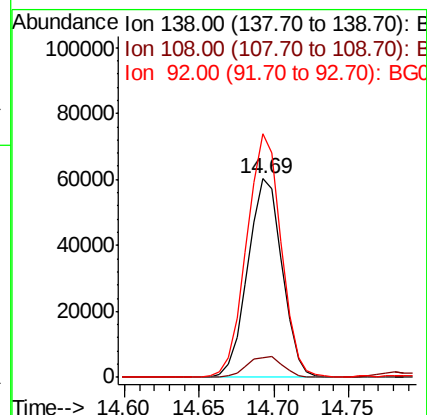
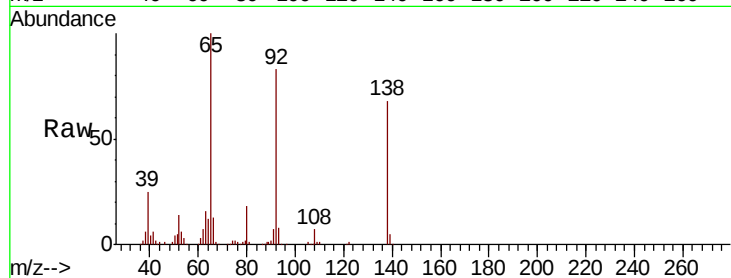
Tot Ion:138 Resp: 95955

Ion Ratio Lower Upper

138 100

108 9.9 13.8 20.8#

92 122.5 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 38.517 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

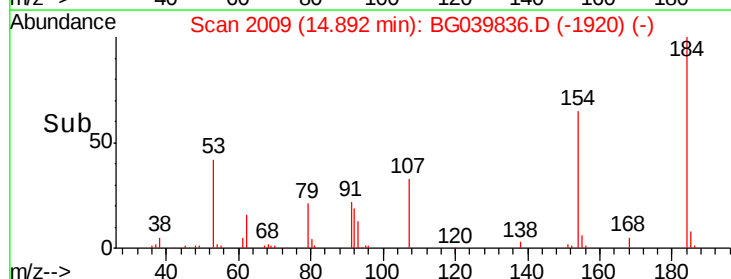
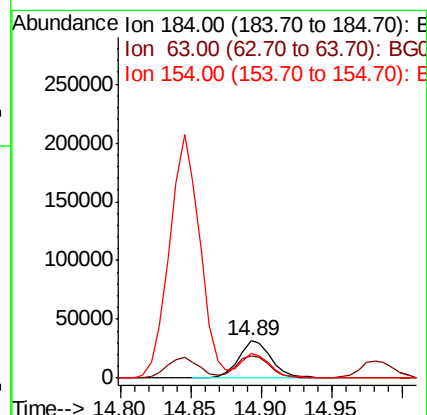
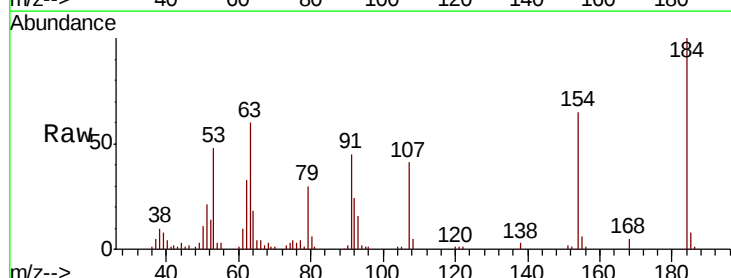
Tgt Ion:184 Resp: 51732

Ion Ratio Lower Upper

184 100

63 59.7 50.9 76.3

154 65.4 53.0 79.6





#55

Dibenzenofuran

Concen: 39.043 ng

RT: 15.18 min Scan# 2058

Delta R.T. -0.00 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

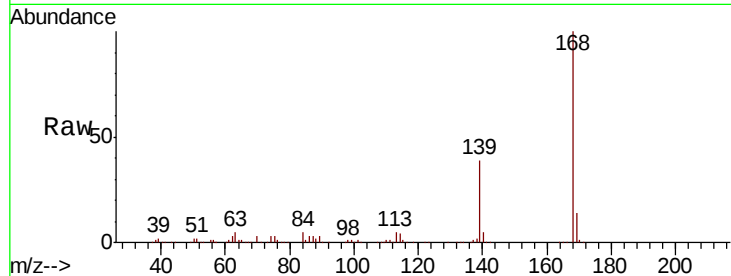
Tot Ion:168 Resp: 509046

Ion Ratio Lower Upper

168 100

139 39.2 30.1 45.1

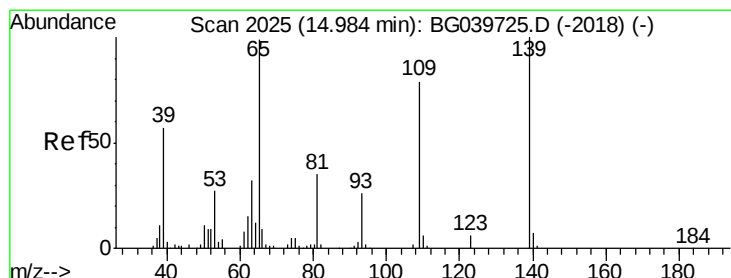
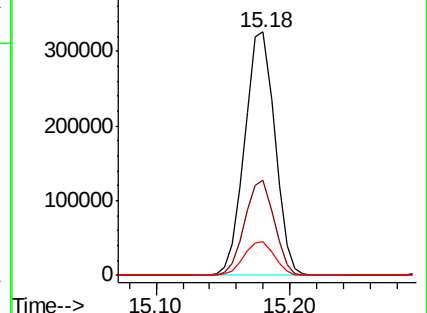
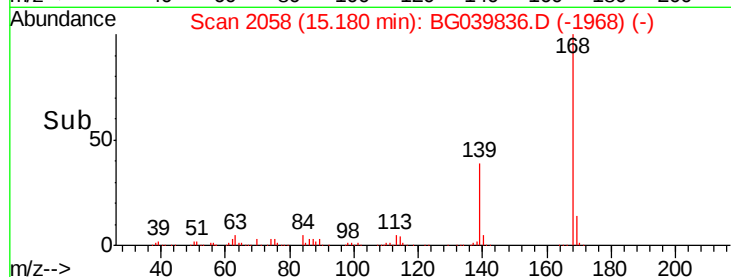
169 13.8 10.6 16.0



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: 37.050 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

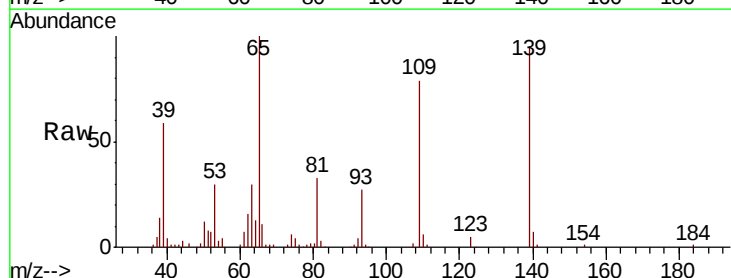
Tgt Ion:139 Resp: 76769

Ion Ratio Lower Upper

139 100

109 82.9 61.9 101.9

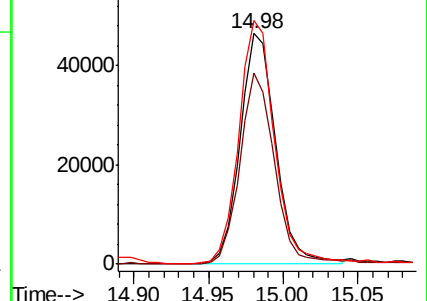
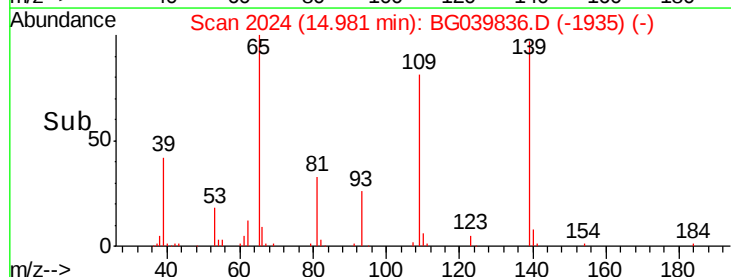
65 105.5 99.1 139.1

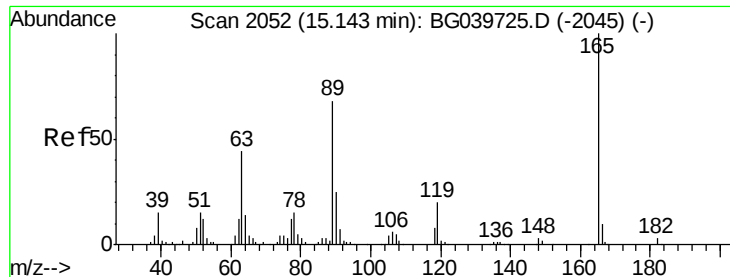


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

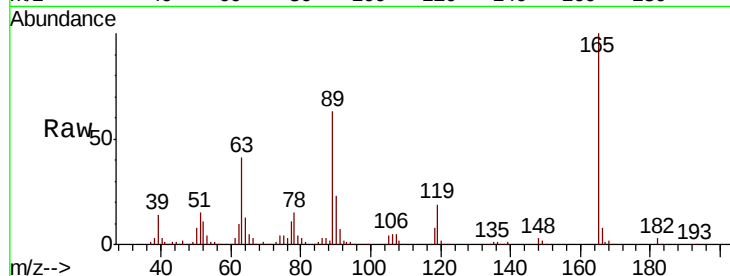




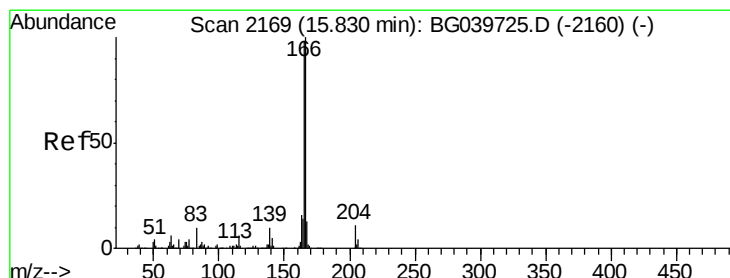
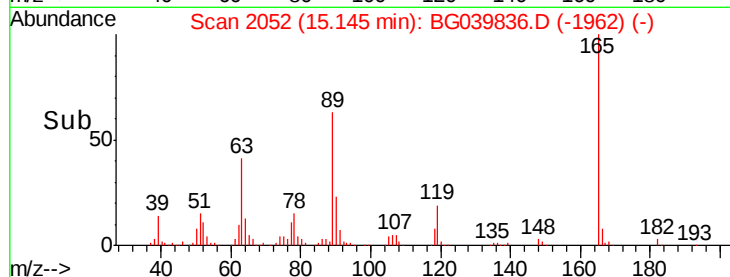
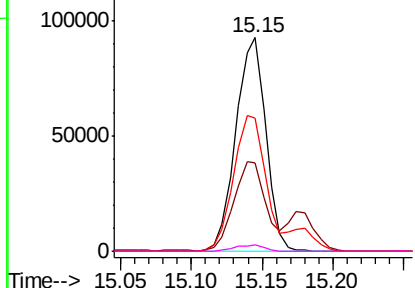
#57
2,4-Dinitrotoluene
Concen: 42.444 ng
RT: 15.15 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	137424
Ion Ratio	Lower	Upper
165	100	
63	41.1	41.0 61.6
89	62.6	64.6 96.8#
182	3.0	2.0 3.0

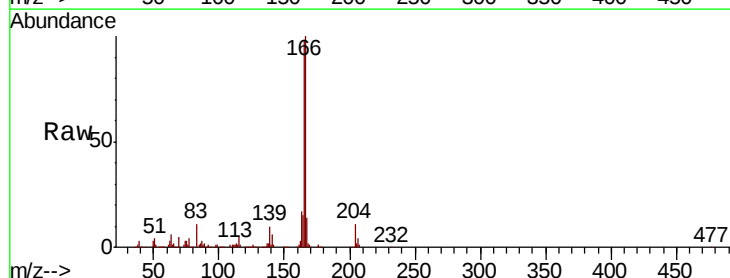


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

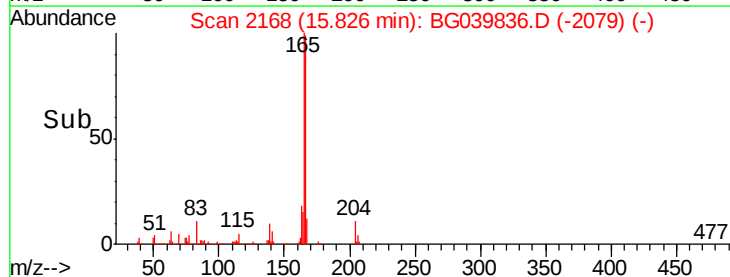
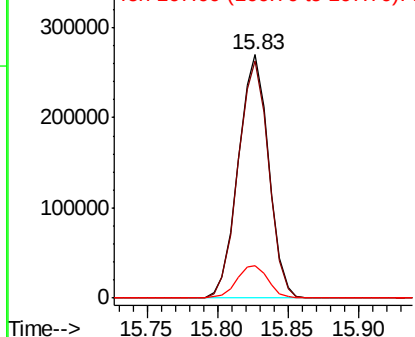


#58
Fluorene
Concen: 39.462 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion:166	Resp:	404475
Ion Ratio	Lower	Upper
166	100	
165	97.5	77.9 116.9
167	13.6	10.8 16.2



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

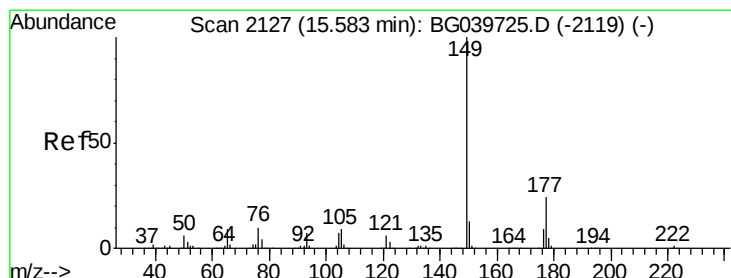
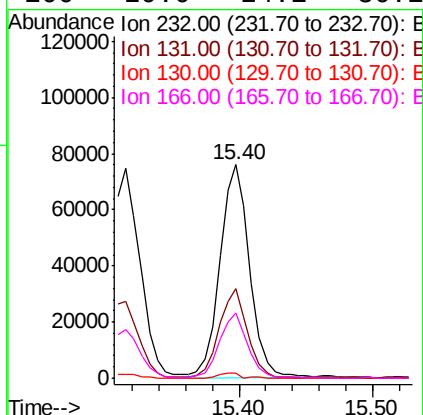
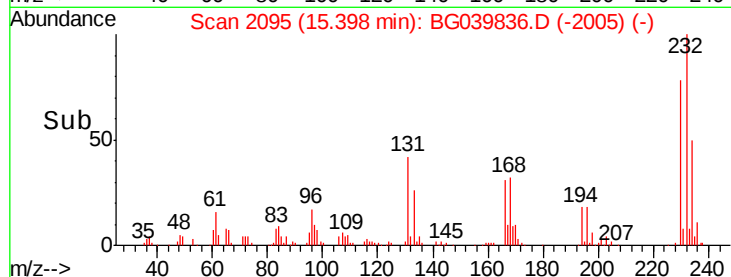
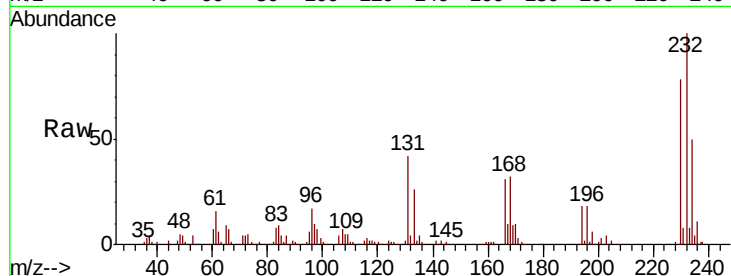




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.305 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

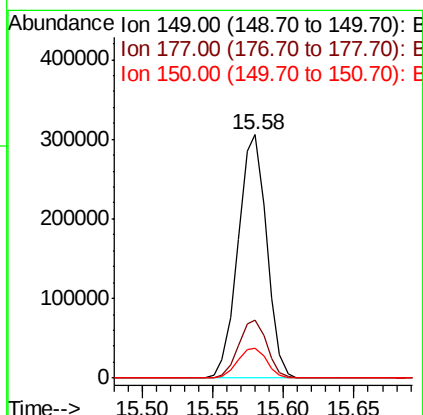
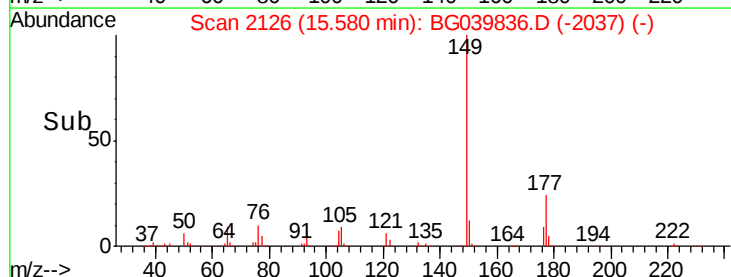
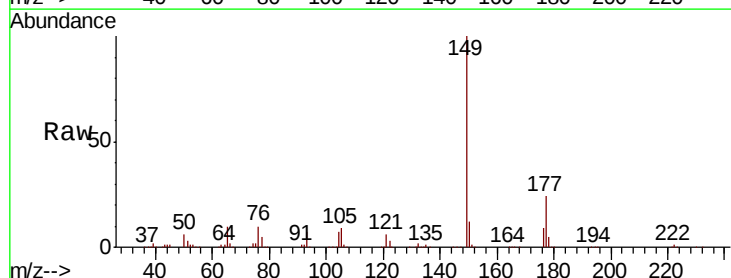
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	117228
Ion Ratio	Lower	Upper
232	100	
131	39.8	34.9 52.3
130	2.0	2.0 3.0#
166	29.0	24.1 36.1



#60
 Diethylphthalate
 Concen: 40.092 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Tgt Ion:149	Resp:	431390
Ion Ratio	Lower	Upper
149	100	
177	23.8	18.3 27.5
150	12.2	10.2 15.2

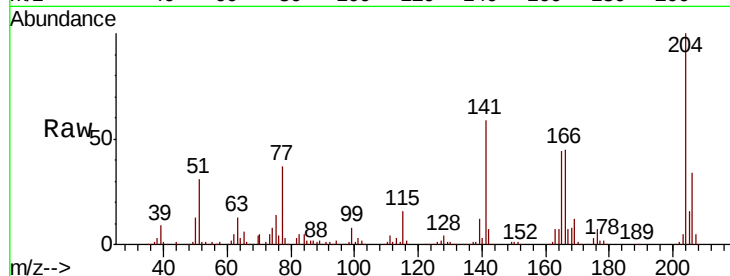




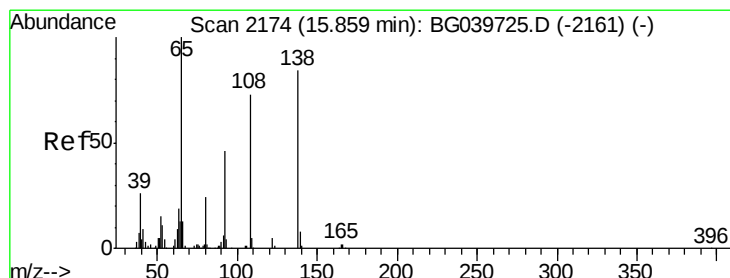
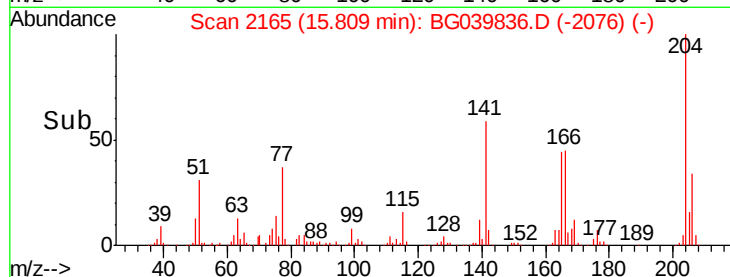
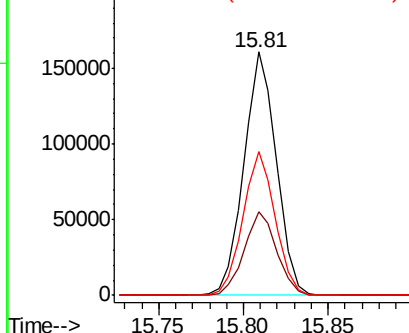
#61
4-Chlorophenyl-phenylether
Concen: 39.199 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 214398
Ion Ratio Lower Upper
204 100
206 34.5 29.2 43.8
141 59.1 49.0 73.4

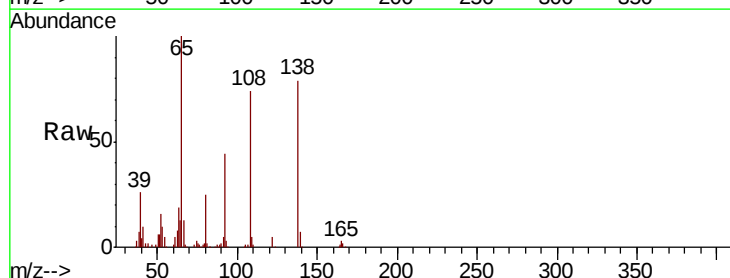


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

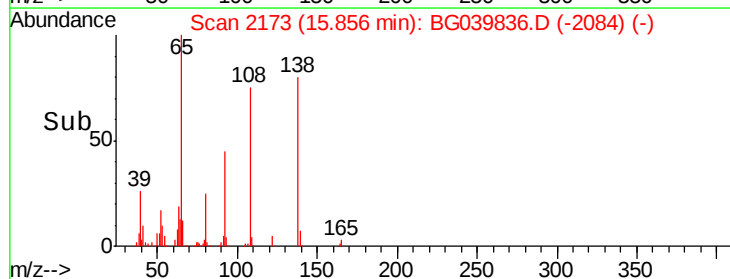
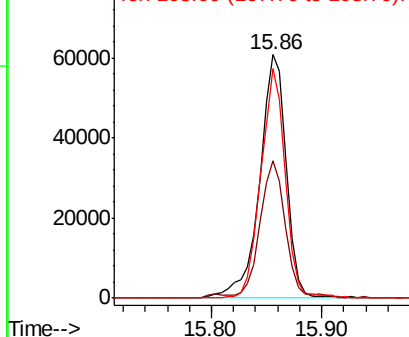


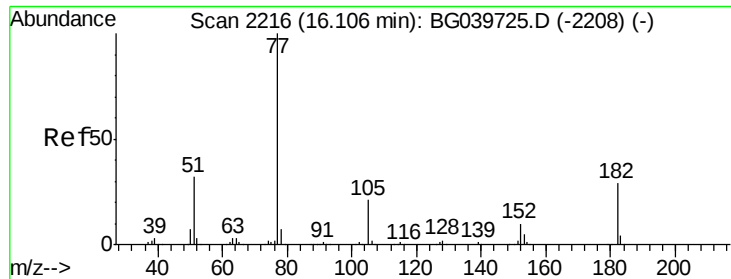
#62
4-Nitroaniline
Concen: 40.882 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion:138 Resp: 102658
Ion Ratio Lower Upper
138 100
92 56.2 38.7 78.7
108 94.4 74.6 114.6



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





#63

Azobenzene

Concen: 40.283 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 392906

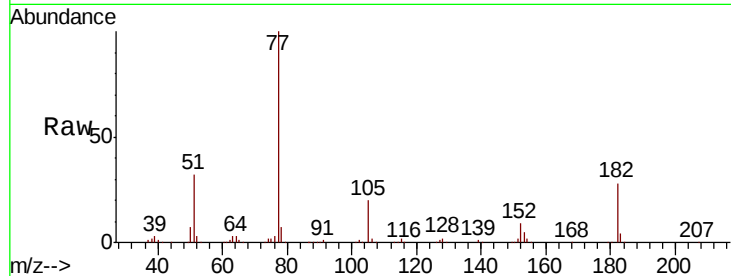
Ion Ratio Lower Upper

77 100

182 28.0 6.4 46.4

105 19.5 0.0 39.8

51 32.1 14.1 54.1

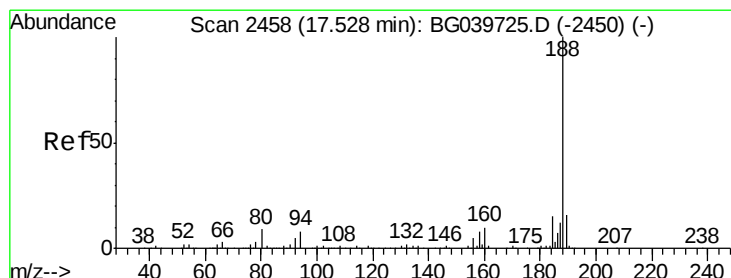
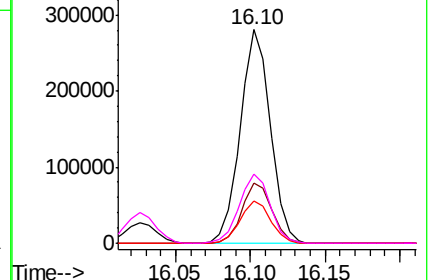
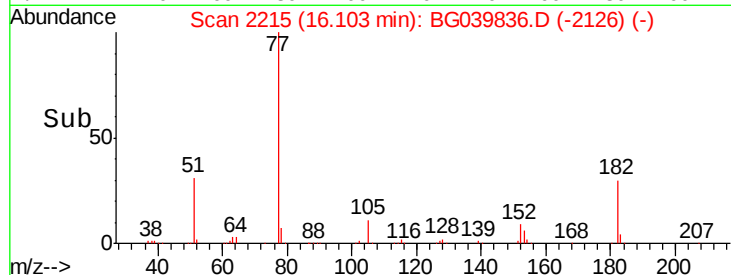


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

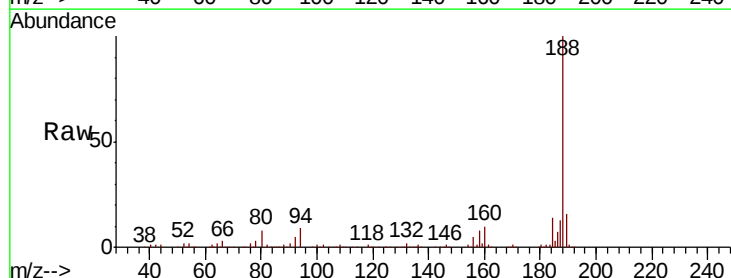
Tgt Ion: 188 Resp: 319260

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

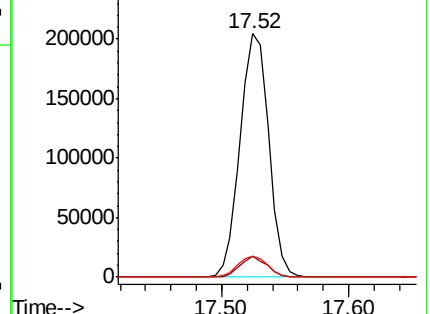
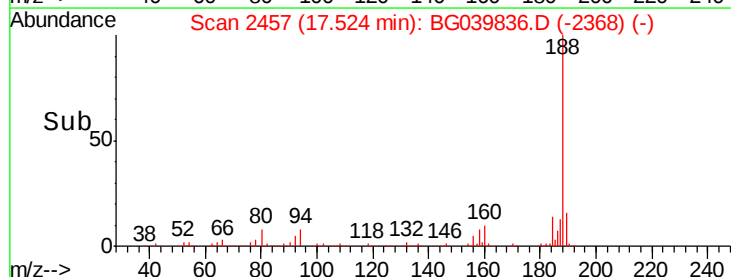
80 8.5 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 35.162 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

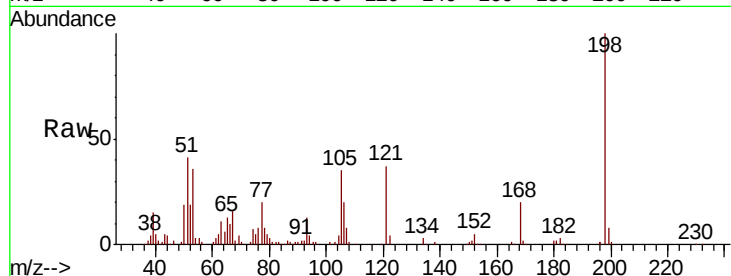
Tot Ion:198 Resp: 66374

Ion Ratio Lower Upper

198 100

51 41.3 27.4 67.4

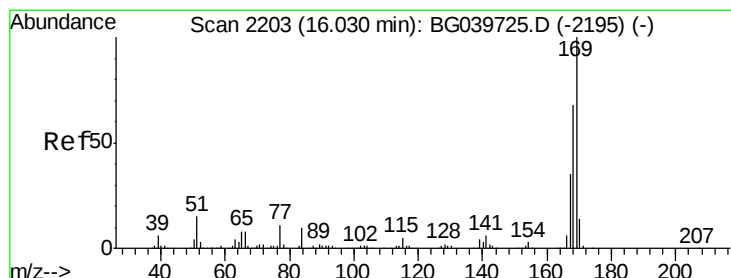
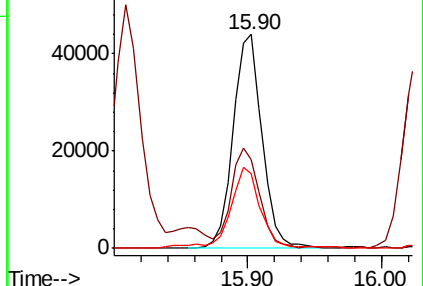
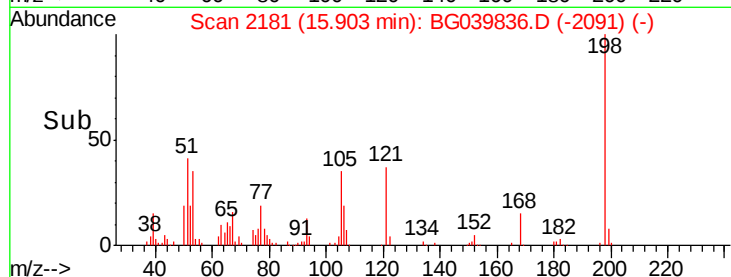
105 35.2 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039836.D (-2113) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.974 ng

RT: 16.03 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

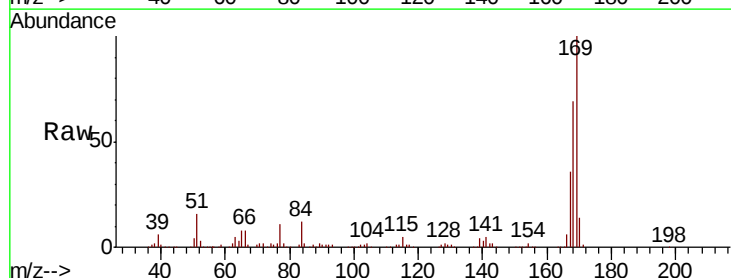
Tgt Ion:169 Resp: 360219

Ion Ratio Lower Upper

169 100

168 68.6 56.6 85.0

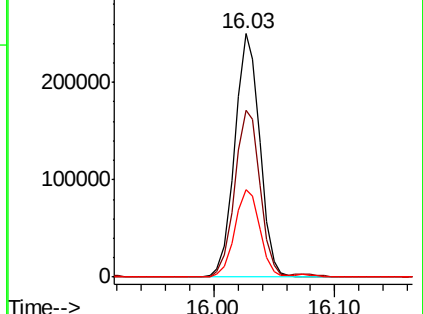
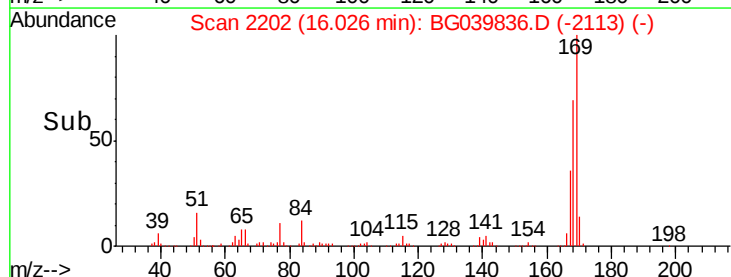
167 36.1 28.8 43.2

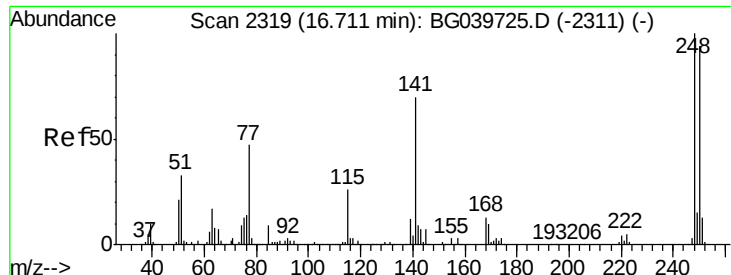


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

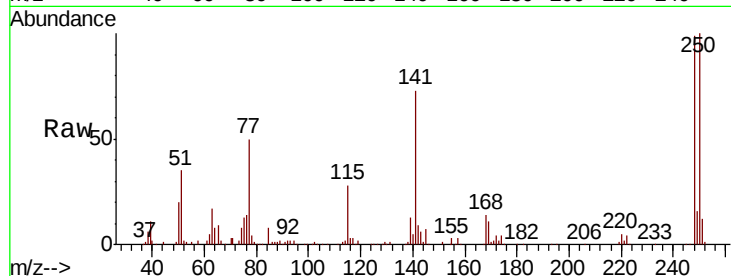




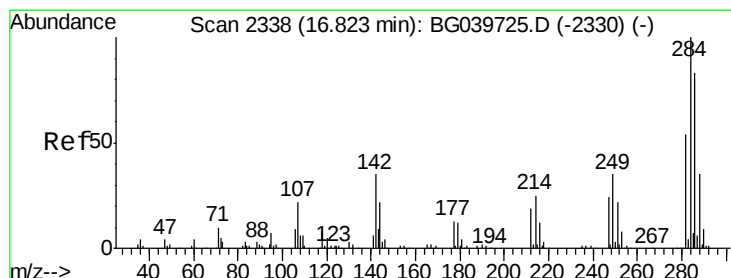
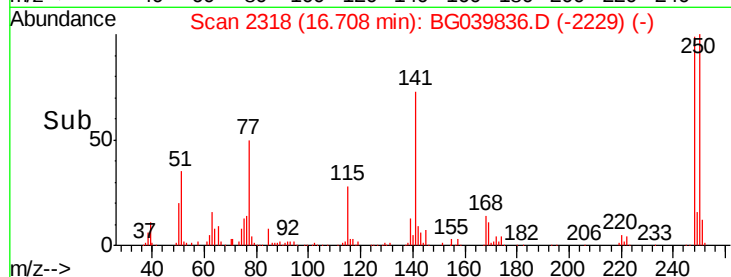
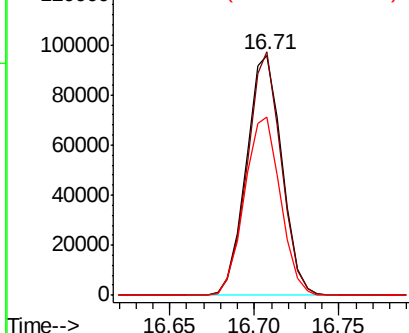
#67
 4-Bromophenyl-phenylether
 Concen: 39.190 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 140049
 Ion Ratio Lower Upper
 248 100
 250 101.4 77.6 116.4
 141 74.3 63.9 95.9

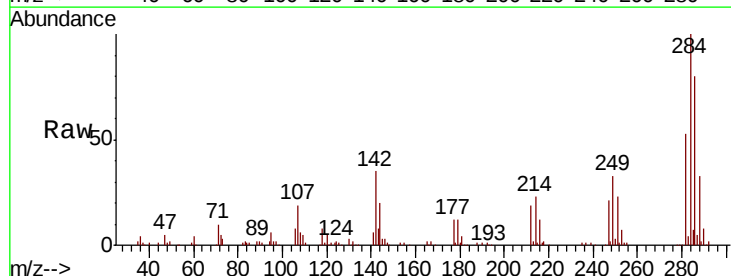


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

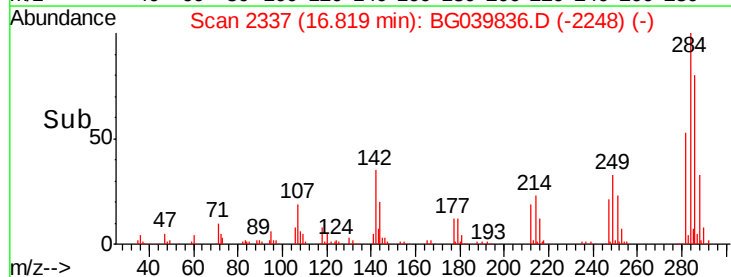
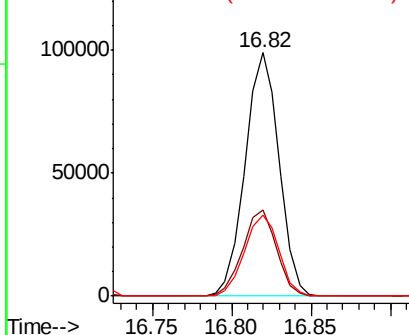


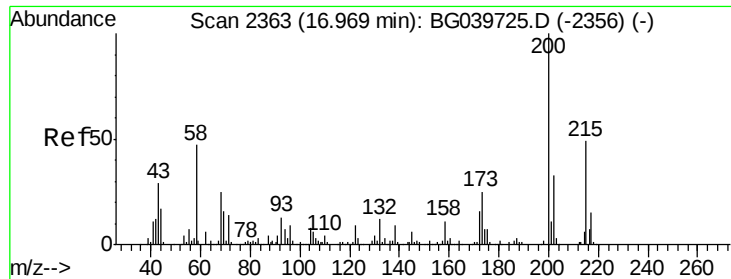
#68
 Hexachlorobenzene
 Concen: 39.528 ng
 RT: 16.82 min Scan# 2337
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Tgt Ion:284 Resp: 146422
 Ion Ratio Lower Upper
 284 100
 142 35.2 30.6 45.8
 249 33.4 28.2 42.2



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





#69

Atrazine

Concen: 39.993 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampled :

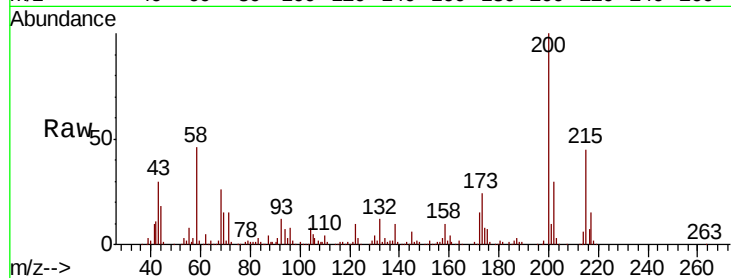
Tot Ion:200 Resp: 145479

Ion Ratio Lower Upper

200 100

173 23.8 3.9 43.9

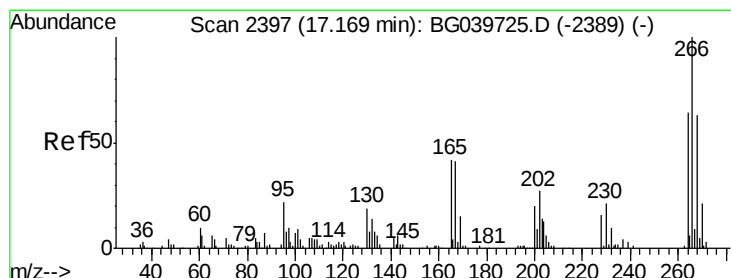
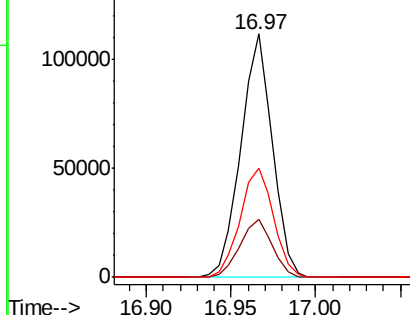
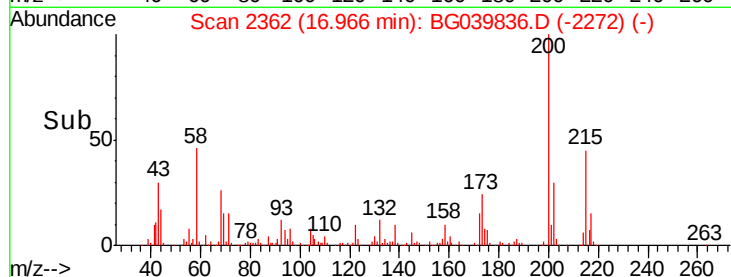
215 44.7 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 35.956 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

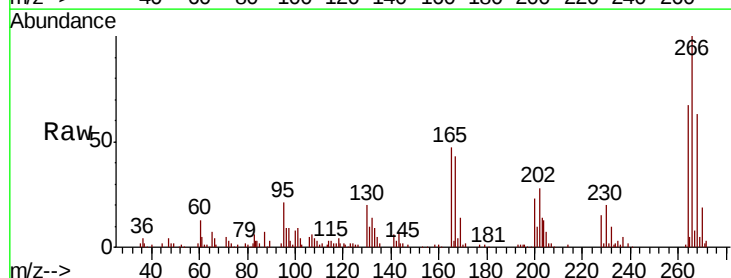
Tgt Ion:266 Resp: 84117

Ion Ratio Lower Upper

266 100

268 62.9 51.1 76.7

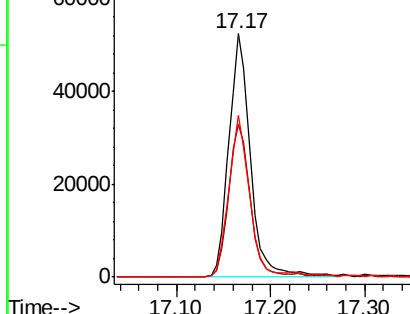
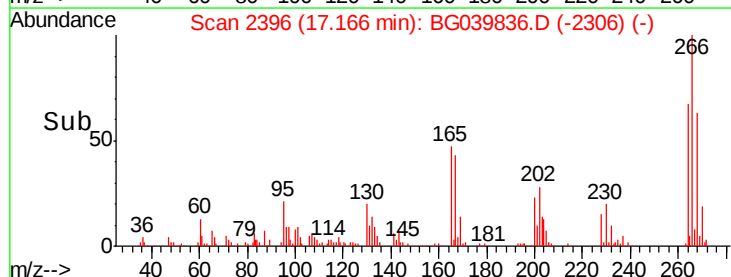
264 66.5 52.1 78.1

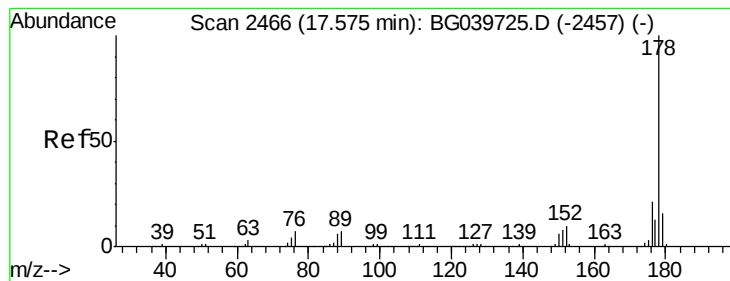


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 38.660 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampled :

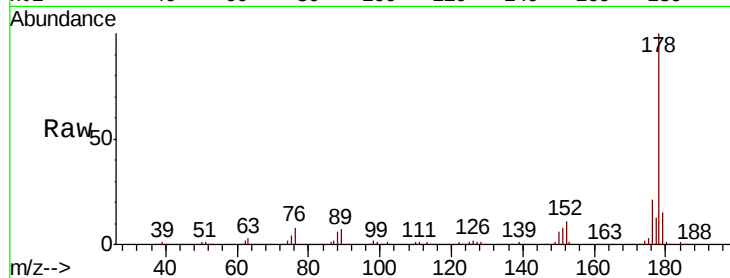
Tot Ion:178 Resp: 679843

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.4

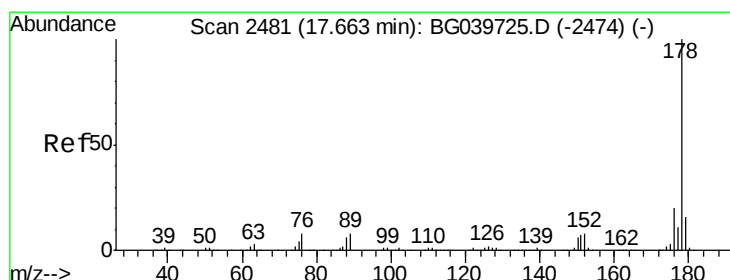
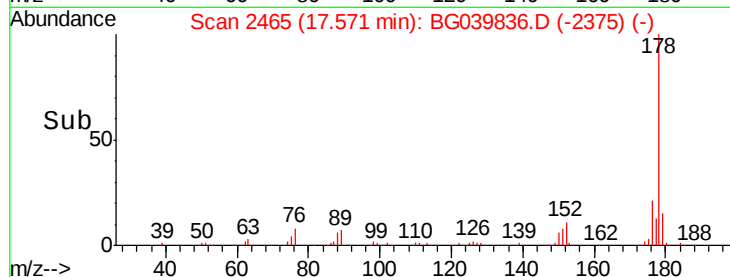
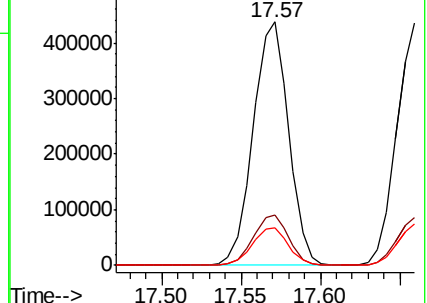
179 15.4 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.277 ng

RT: 17.66 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

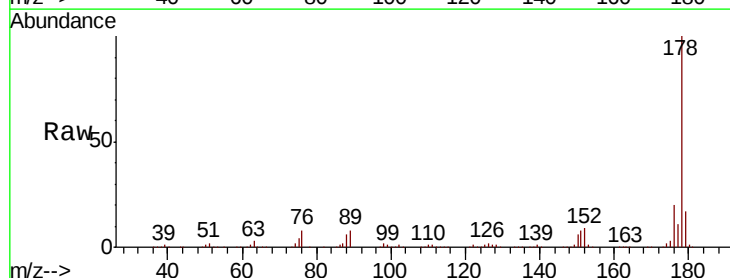
Tgt Ion:178 Resp: 673079

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

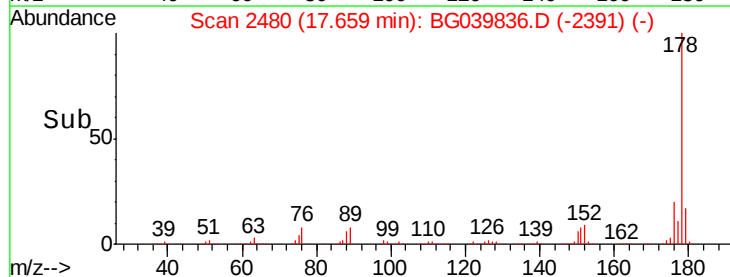
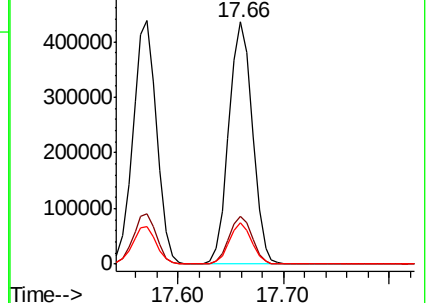
179 16.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

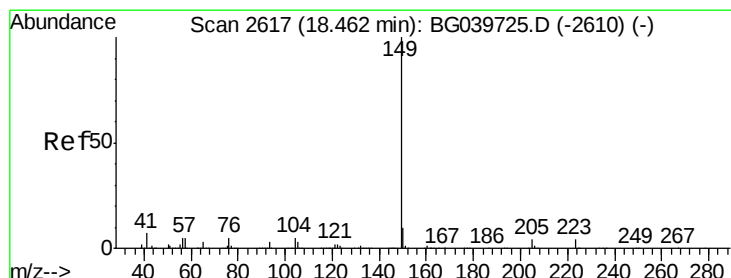
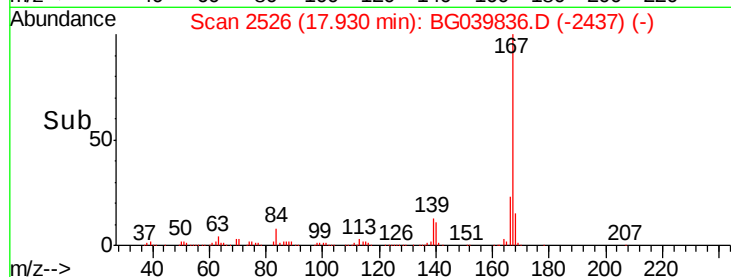
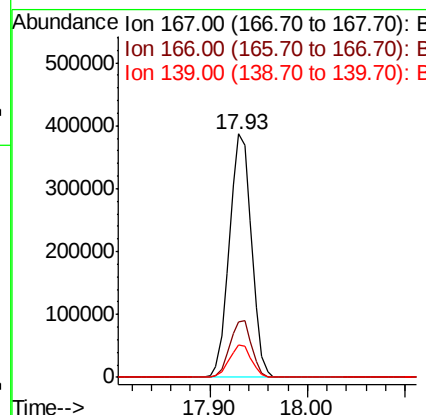
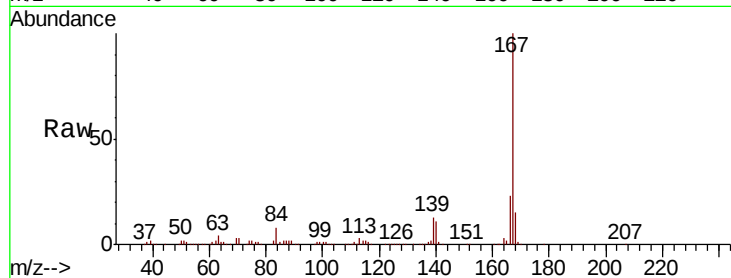




#73
 Carbazole
 Concen: 39.285 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

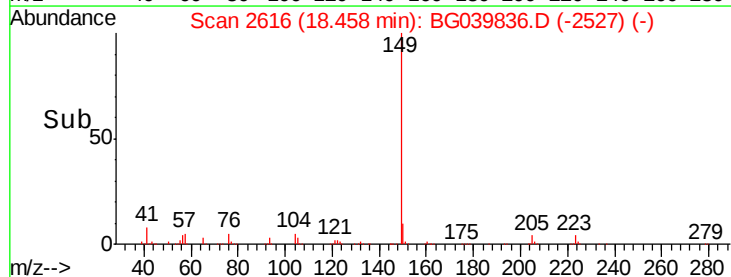
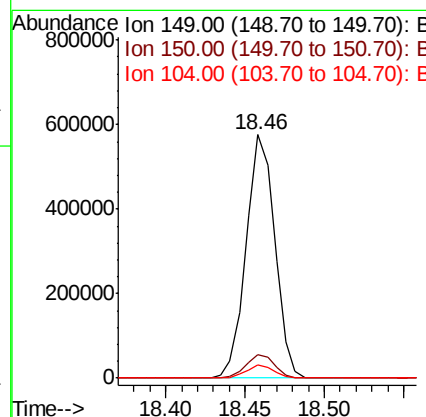
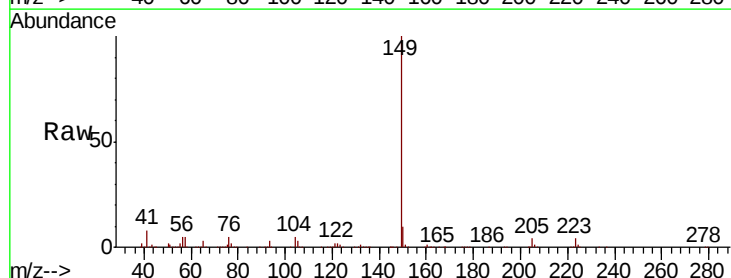
Instrument :
 BNA_G
 ClientSampled :

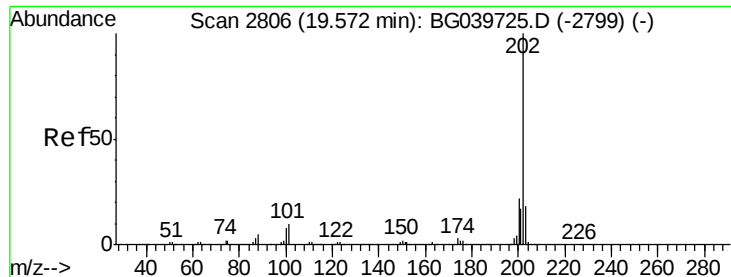
Tot Ion:167 Resp: 606903
 Ion Ratio Lower Upper
 167 100
 166 22.9 19.4 29.2
 139 13.4 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 39.783 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039836.D
 Acq: 11 Mar 2019 11:19

Tgt Ion:149 Resp: 723119
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.4 4.5 6.7





#75

Fluoranthene

Concen: 38.471 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

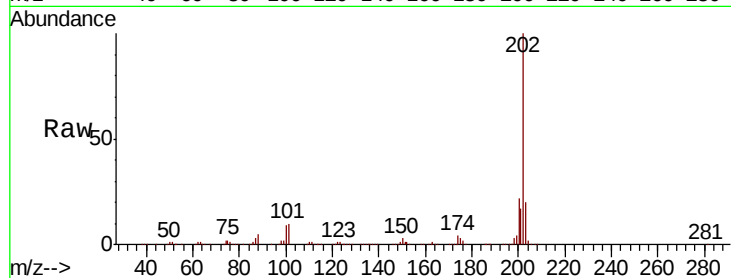
Tot Ion:202 Resp: 799518

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.0

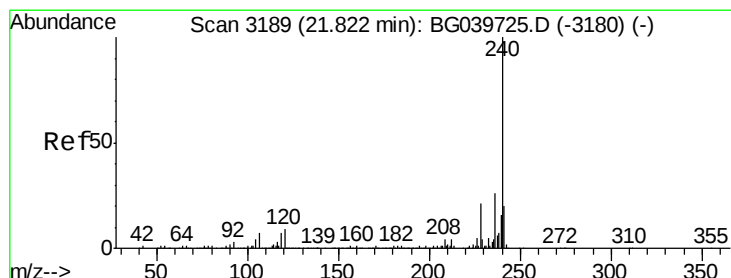
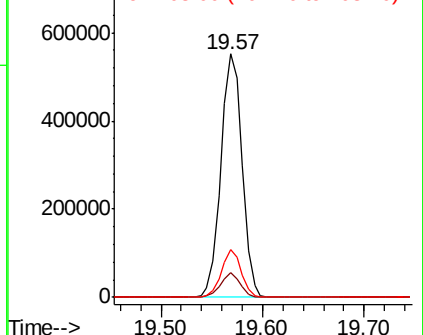
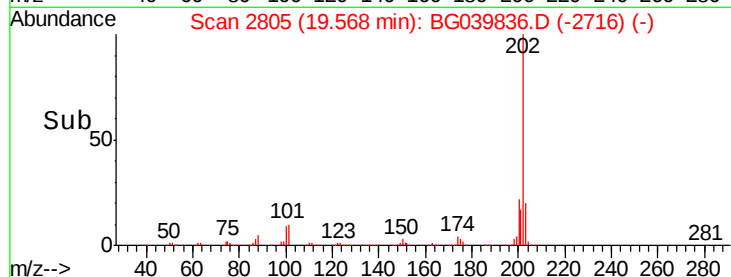
203 19.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

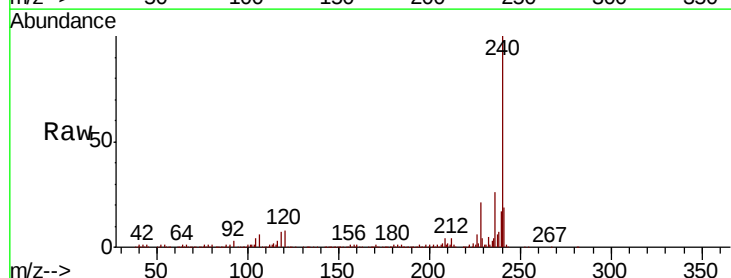
Tgt Ion:240 Resp: 311058

Ion Ratio Lower Upper

240 100

120 8.1 7.0 10.6

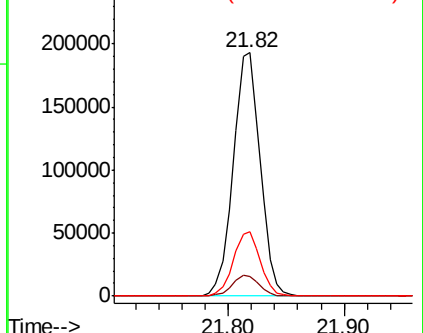
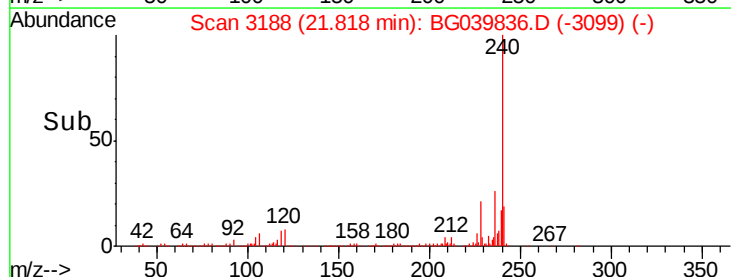
236 26.4 21.0 31.4

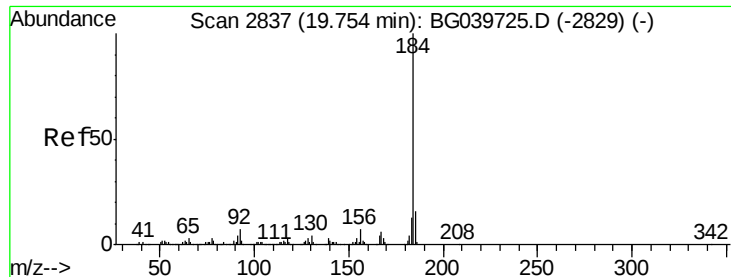


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.762 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

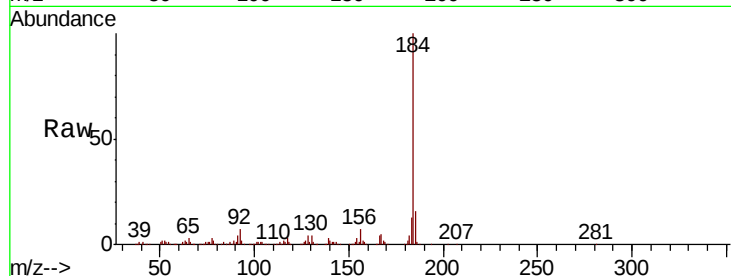
Tot Ion:184 Resp: 441833

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.2

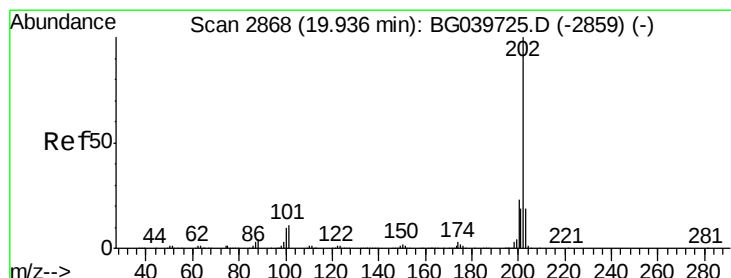
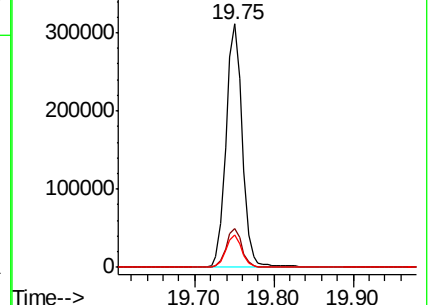
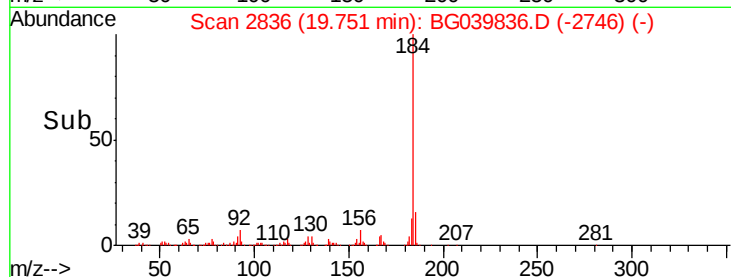
183 13.2 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.467 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

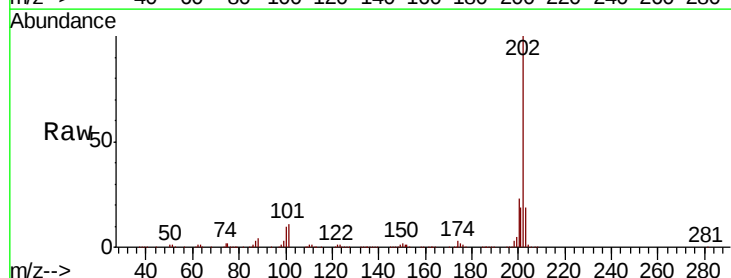
Tgt Ion:202 Resp: 797727

Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.8

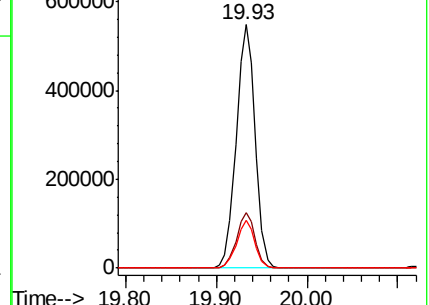
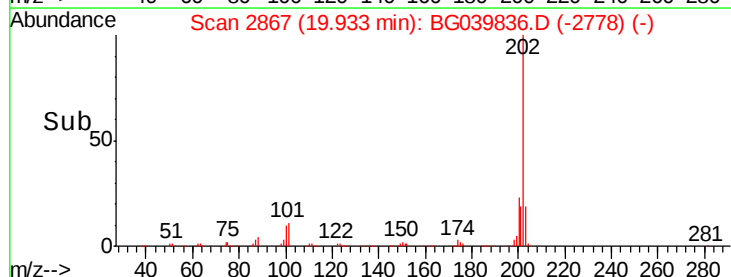
203 19.5 15.3 22.9

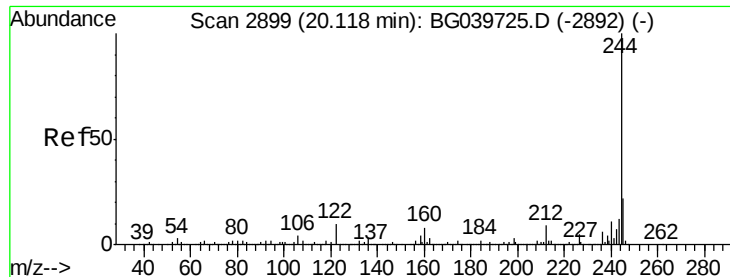


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.547 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampleId :

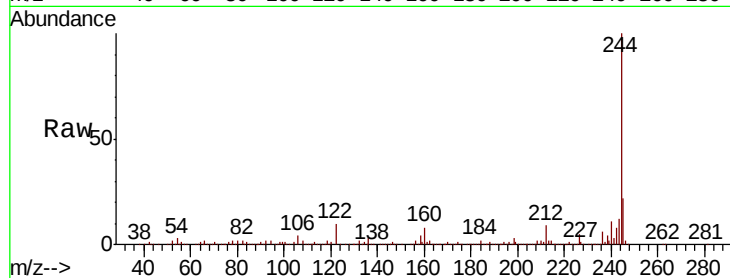
Tot Ion:244 Resp: 1109669

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

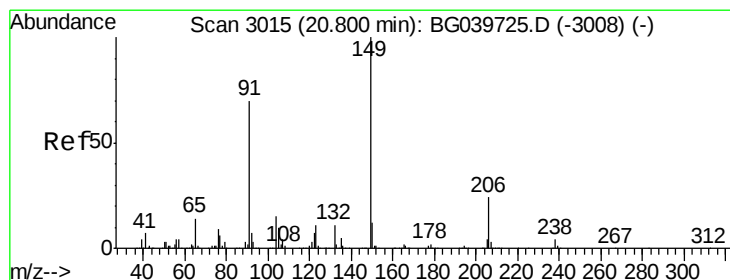
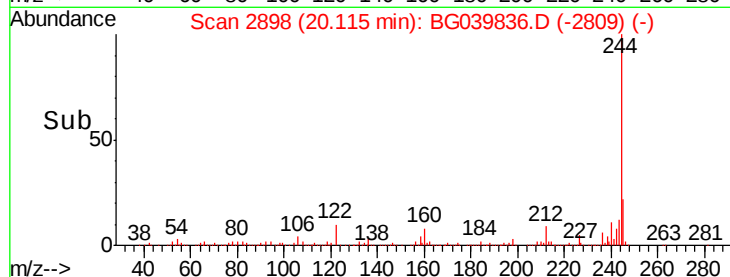
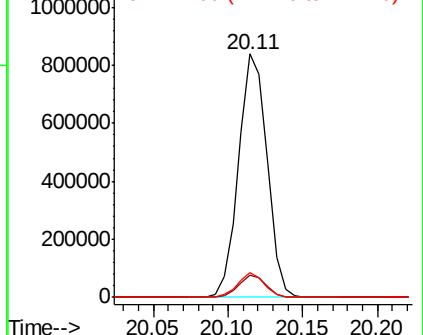
122 10.1 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.679 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

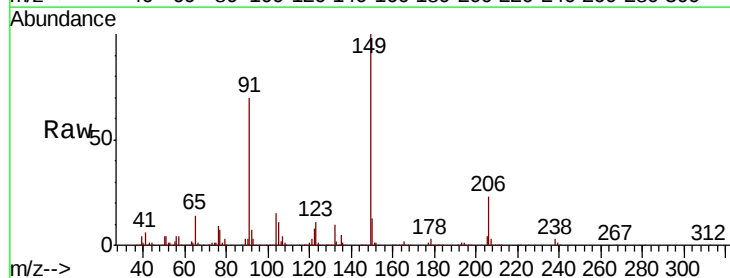
Tgt Ion:149 Resp: 326383

Ion Ratio Lower Upper

149 100

91 70.4 59.5 89.3

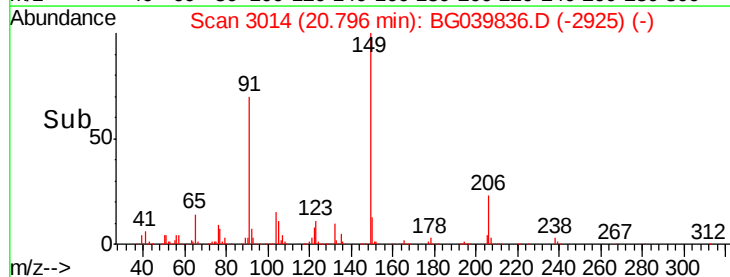
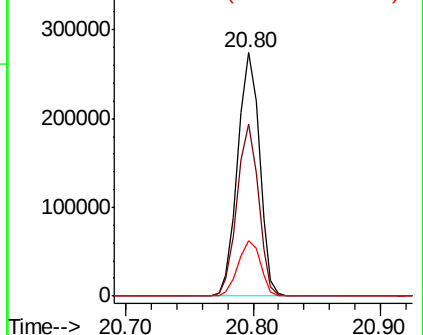
206 22.7 18.6 27.8

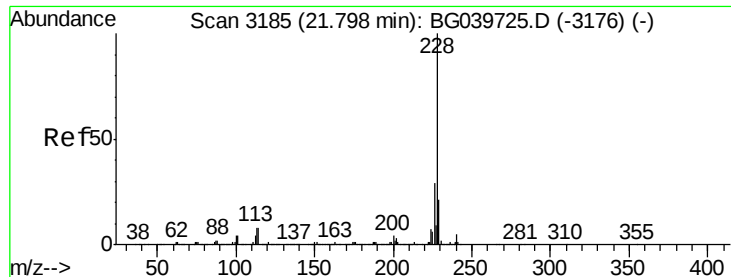


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

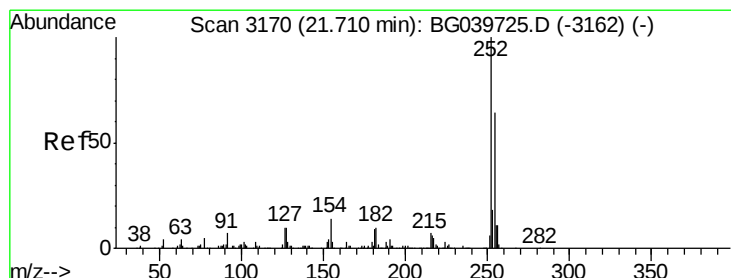
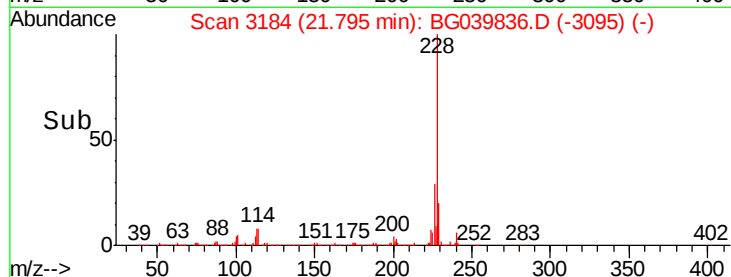
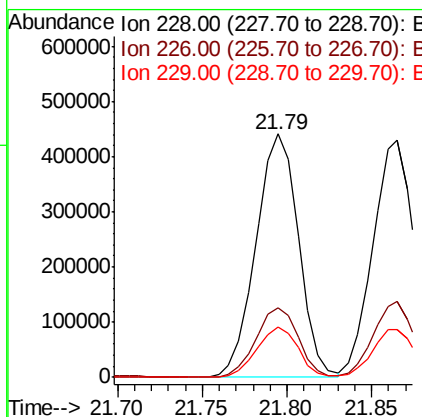
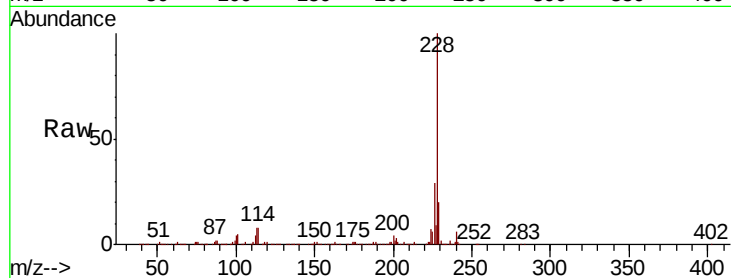




#81
Benzo(a)anthracene
Concen: 39.728 ng
RT: 21.79 min Scan# 3184
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

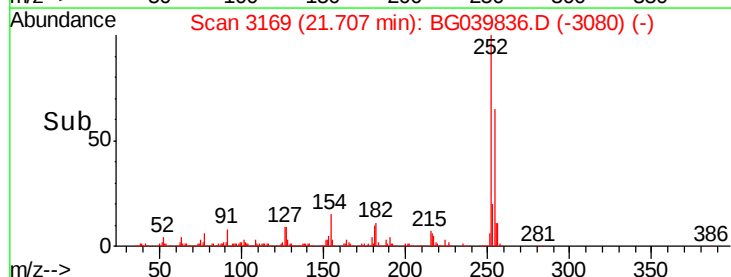
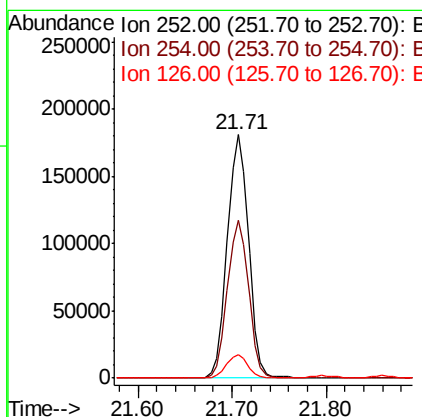
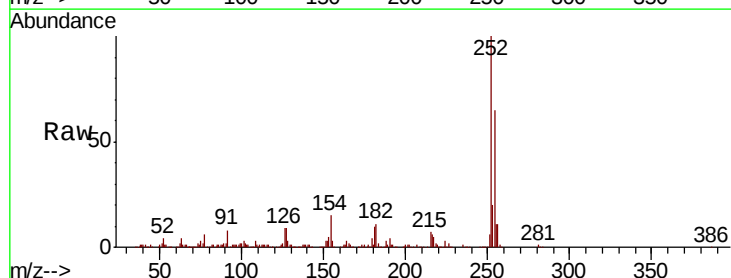
Instrument :
BNA_G
ClientSampled :

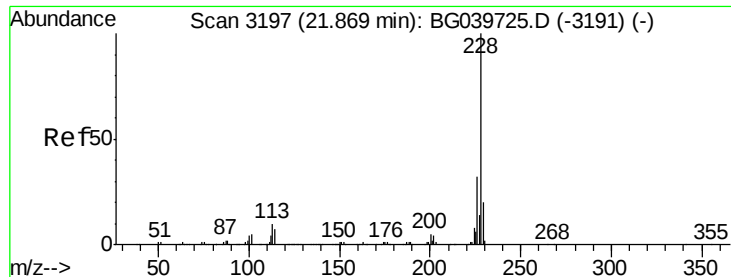
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	20.5	16.9	25.3



#82
3,3'-Dichlorobenzidine
Concen: 40.056 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.3	76.9
126	9.4	8.0	12.0

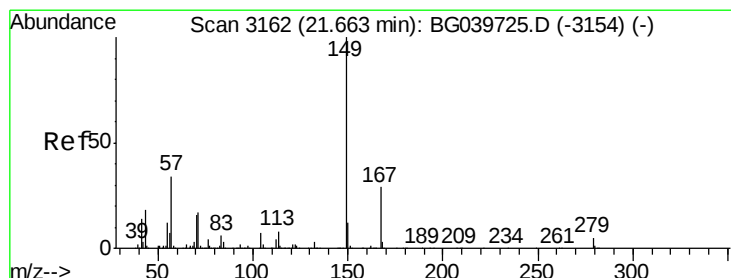
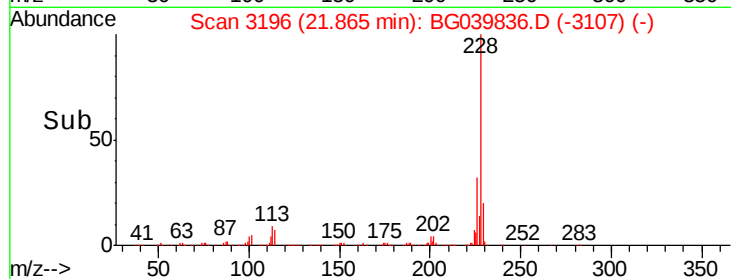
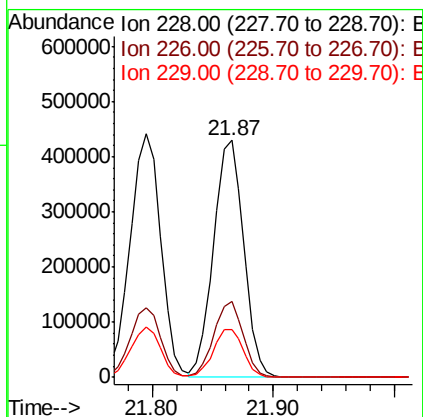
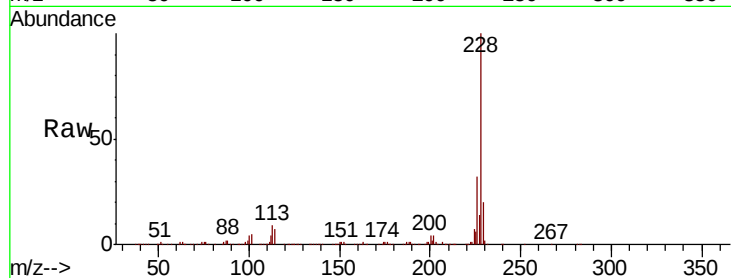




#83
Chrysene
Concen: 39.031 ng
RT: 21.87 min Scan# 3196
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

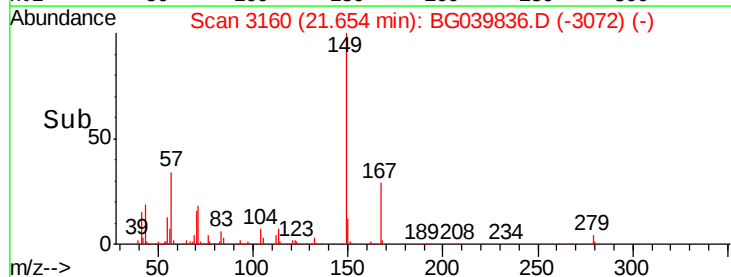
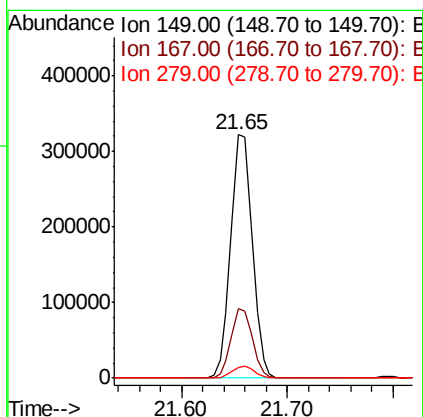
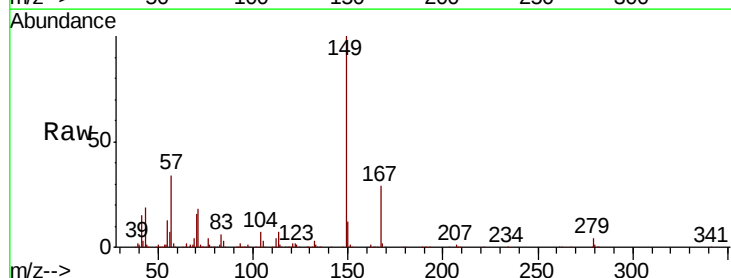
Instrument :
BNA_G
ClientSampled :

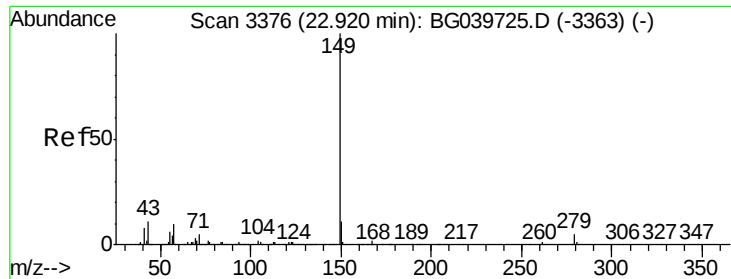
Tot Ion:228 Resp: 737671
Ion Ratio Lower Upper
228 100
226 32.1 25.8 38.6
229 20.2 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.275 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.02 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion:149 Resp: 454202
Ion Ratio Lower Upper
149 100
167 28.6 22.6 34.0
279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 41.837 ng

RT: 22.91 min Scan# 3374

Delta R.T. -0.02 min

Lab File: BG039836.D

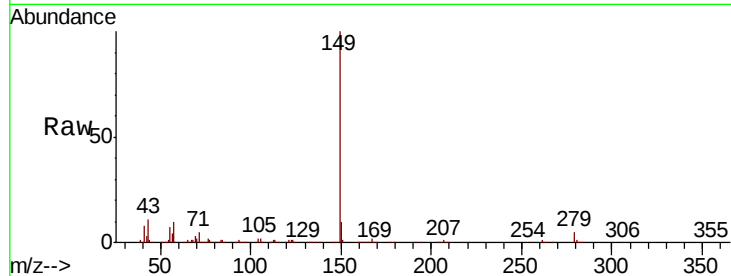
Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampled :

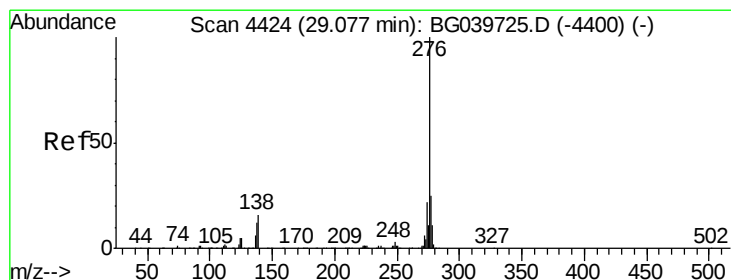
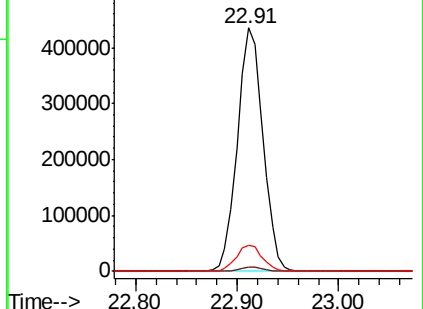
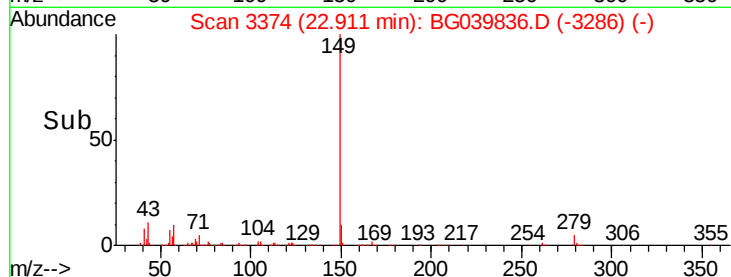
Tot Ion:	149	Resp:	762294
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.1	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.329 ng

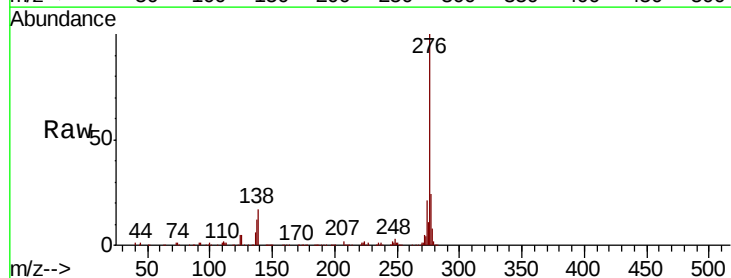
RT: 29.06 min Scan# 4420

Delta R.T. -0.03 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

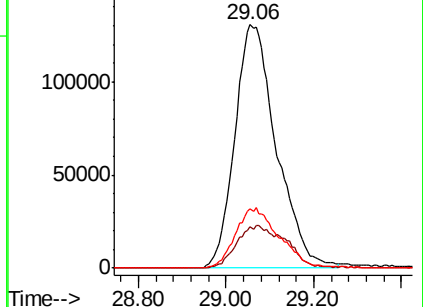
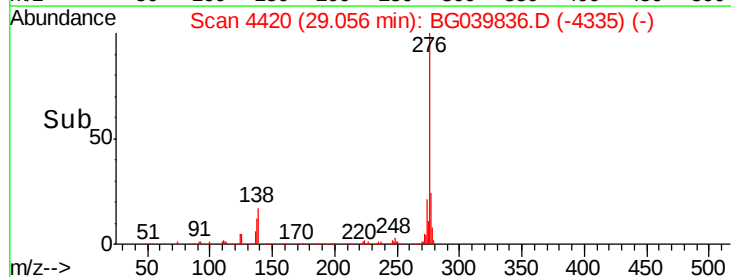
Tgt Ion:	276	Resp:	843249
Ion Ratio	Lower	Upper	
276	100		
138	20.8	12.6	19.0#
277	25.8	20.8	31.2

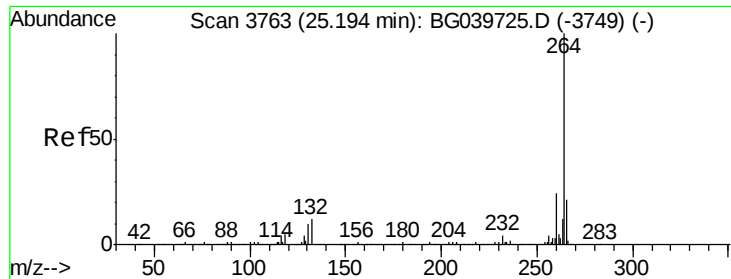


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3761

Delta R.T. -0.02 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

Instrument :

BNA_G

ClientSampled :

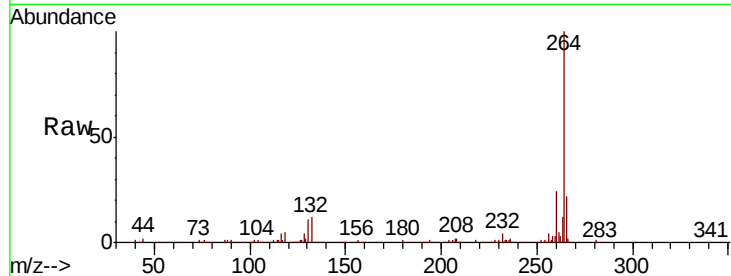
Tot Ion:264 Resp: 324649

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

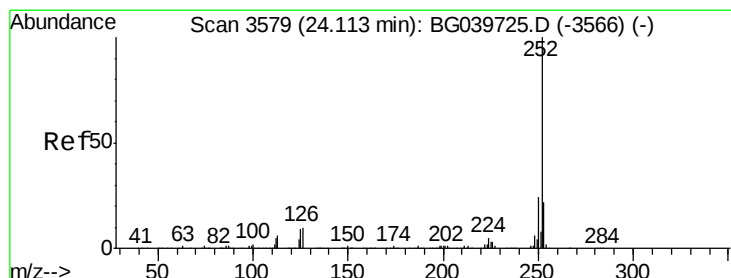
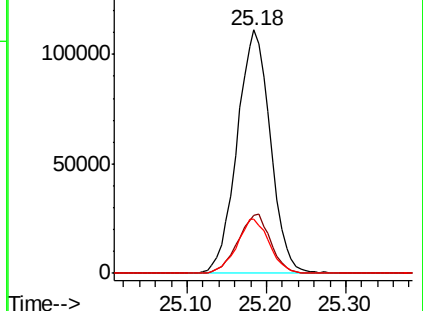
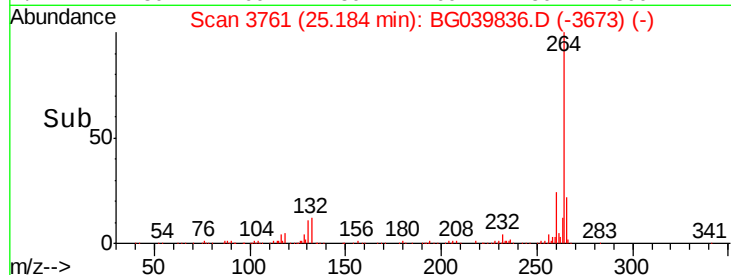
265 22.4 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.182 ng

RT: 24.11 min Scan# 3578

Delta R.T. -0.01 min

Lab File: BG039836.D

Acq: 11 Mar 2019 11:19

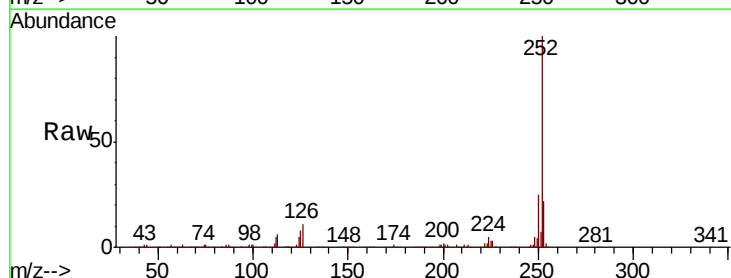
Tgt Ion:252 Resp: 758543

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

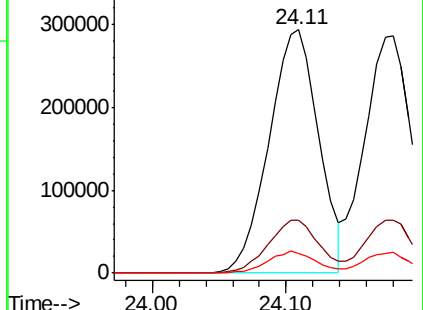
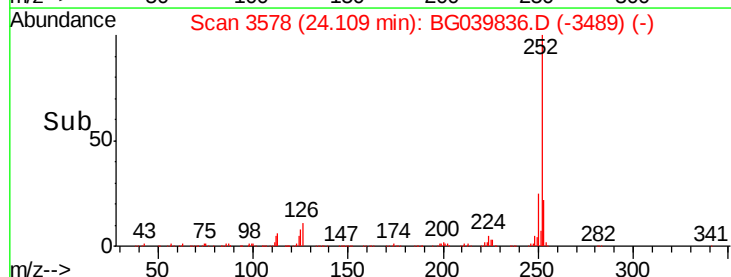
125 8.3 7.8 11.6

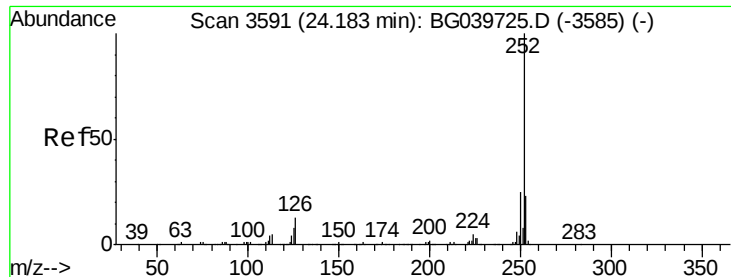


Abundance Ion 252.00 (251.70 to 252.70): E

400000 Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

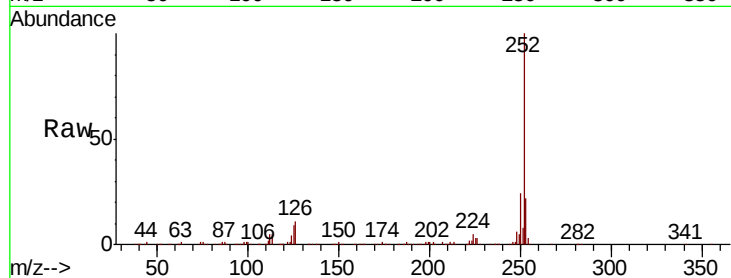




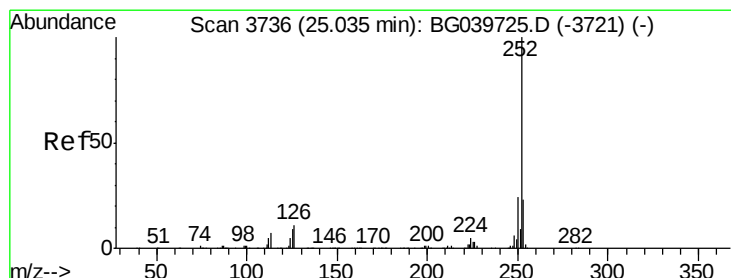
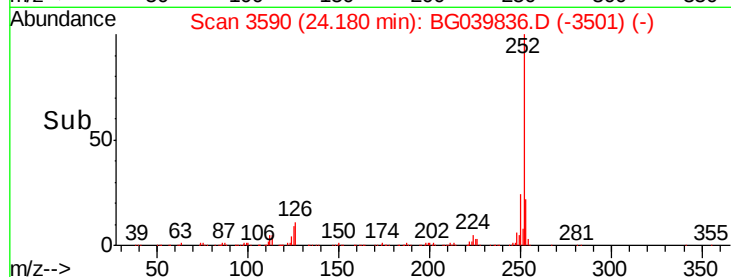
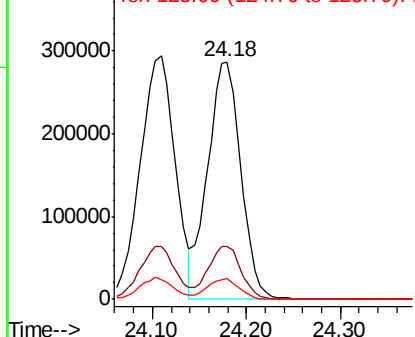
#89
Benzo(k)fluoranthene
Concen: 39.279 ng
RT: 24.18 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 707841
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 8.5 7.4 11.2

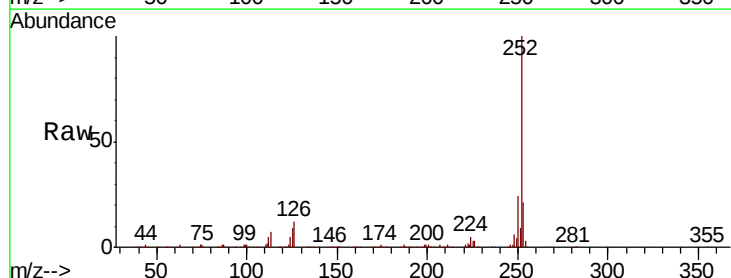


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

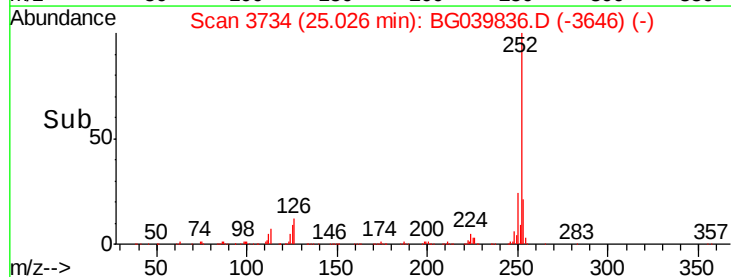
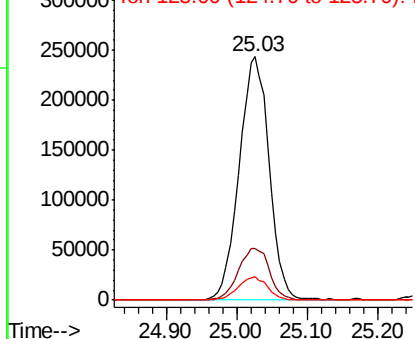


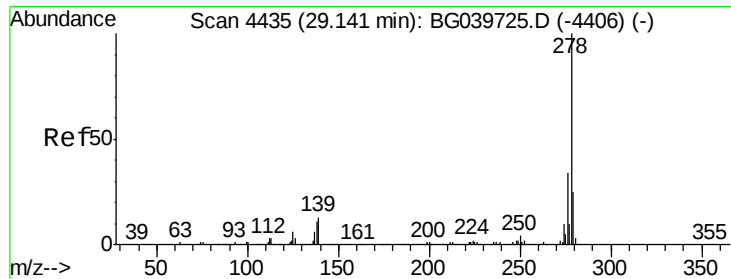
#90
Benzo(a)pyrene
Concen: 40.123 ng
RT: 25.03 min Scan# 3734
Delta R.T. -0.02 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion:252 Resp: 717777
Ion Ratio Lower Upper
252 100
253 21.3 17.9 26.9
125 9.4 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

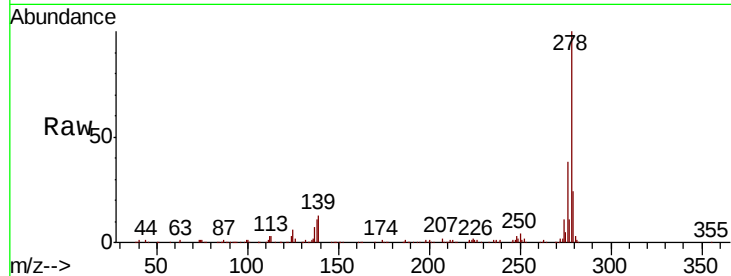




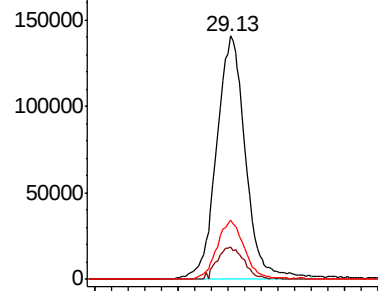
#91
Dibenzo(a,h)anthracene
Concen: 38.874 ng
RT: 29.13 min Scan# 4432
Delta R.T. -0.03 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Instrument :
BNA_G
ClientSampleId :

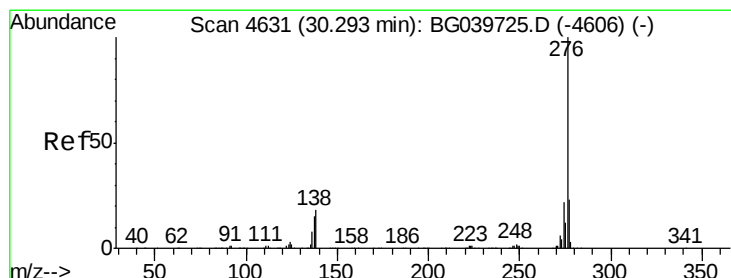
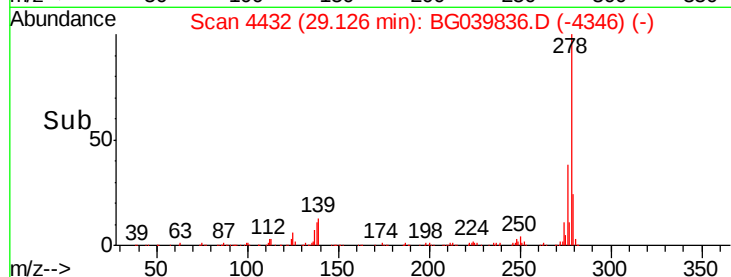
Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.7	17.5
279	24.5	19.1	28.7



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

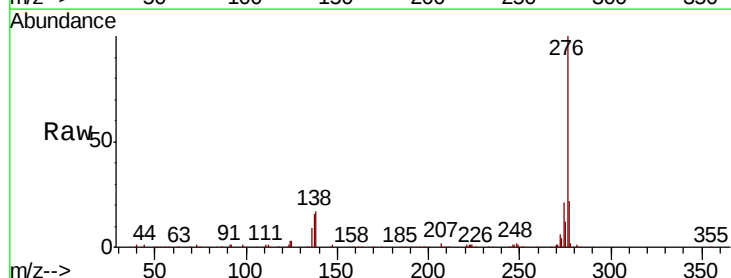


Time--> 28.80 29.00 29.20 29.40

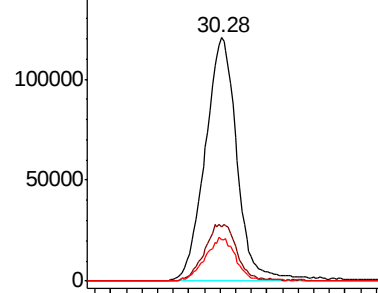


#92
Benzo(g,h,i)perylene
Concen: 38.909 ng
RT: 30.28 min Scan# 4629
Delta R.T. -0.03 min
Lab File: BG039836.D
Acq: 11 Mar 2019 11:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.2	19.6	29.4
138	16.8	14.7	22.1



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



Time--> 30.00 30.20 30.40 30.60

