

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031219\
 Data File : BG039878.D
 Acq On : 12 Mar 2019 17:34
 Operator : JU/SJ
 Sample : PB117829BSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Quant Time: Mar 13 05:49:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 05:34:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36740	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	161722	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	112846	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	286672	20.00	ng	0.00
76) Chrysene-d12	21.81	240	293358	20.00	ng	0.00
87) Perylene-d12	25.18	264	276001	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	311341	144.57	ng	0.00
7) Phenol-d6	7.30	99	443394	138.08	ng	0.00
23) Nitrobenzene-d5	9.33	82	235879	78.88	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	183619	139.60	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	596827	75.30	ng	0.00
79) Terphenyl-d14	20.11	244	1047794	78.64	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	40456	40.690	ng	95
3) Pyridine	3.99	79	100495	37.755	ng	98
4) n-Nitrosodimethylamine	3.91	42	51842	41.056	ng	86
6) Aniline	7.48	93	121920	28.980	ng	96
8) 2-Chlorophenol	7.71	128	112209	42.948	ng	96
9) Benzaldehyde	7.29	77	50064	24.170	ng	98
10) Phenol	7.33	94	155830	44.796	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	105963	39.069	ng	96
12) 1,3-Dichlorobenzene	8.04	146	114759	38.837	ng	98
13) 1,4-Dichlorobenzene	8.19	146	116907	38.842	ng	98
14) 1,2-Dichlorobenzene	8.51	146	111856	38.465	ng	97
15) Benzyl Alcohol	8.39	79	108756	42.696	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	209677	38.654	ng	99
17) 2-Methylphenol	8.58	107	103406	46.619	ng	96
18) Hexachloroethane	9.23	117	42551	39.400	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	87994	38.072	ng	91
20) 3+4-Methylphenols	8.91	107	139887	45.396	ng	96
22) Acetophenone	8.98	105	166686	38.402	ng	# 94
24) Nitrobenzene	9.38	77	130495	41.600	ng	99
25) Isophorone	9.89	82	247384	39.484	ng	97
26) 2-Nitrophenol	10.08	139	66828	44.123	ng	95
27) 2,4-Dimethylphenol	10.12	122	121378	51.528	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	152123	39.953	ng	97
29) 2,4-Dichlorophenol	10.62	162	126375	47.651	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	121333	40.657	ng	99
31) Naphthalene	11.03	128	350755	40.964	ng	99
32) Benzoic acid	10.26	122	66094	41.846	ng	87
33) 4-Chloroaniline	11.14	127	88125	24.271	ng	97
34) Hexachlorobutadiene	11.28	225	78432	38.460	ng	94
35) Caprolactam	11.92	113	30787	30.389	ng	92
36) 4-Chloro-3-methylphenol	12.24	107	137036	45.075	ng	98
37) 2-Methylnaphthalene	12.62	142	273617	42.742	ng	98
38) 1-Methylnaphthalene	12.84	142	259343	41.688	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	151017	39.503	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	178487	87.121	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	106440	47.557	ng	97
44) 2,4,5-Trichlorophenol	13.29	196	114856	45.527	ng	97
46) 1,1'-Biphenyl	13.61	154	369801	39.843	ng	99
47) 2-Chloronaphthalene	13.66	162	290208	41.563	ng	98
48) 2-Nitroaniline	13.87	65	102749	45.790	ng	96
49) Acenaphthylene	14.50	152	461636	40.274	ng	99
50) Dimethylphthalate	14.23	163	389235	41.250	ng	98
51) 2,6-Dinitrotoluene	14.36	165	85659	42.821	ng	99
52) Acenaphthene	14.84	154	281762	40.842	ng	100
53) 3-Nitroaniline	14.69	138	60000	29.838	ng	# 95
54) 2,4-Dinitrophenol	14.89	184	90396	72.204	ng	98
55) Dibenzofuran	15.17	168	467502	41.303	ng	98
56) 4-Nitrophenol	14.99	139	149664	83.201	ng	93
57) 2,4-Dinitrotoluene	15.14	165	125547	44.666	ng	91
58) Fluorene	15.83	166	369976	41.579	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	118315	48.021	ng	96
60) Diethylphthalate	15.58	149	392588	42.028	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	192502	40.541	ng	97
62) 4-Nitroaniline	15.86	138	94731	43.455	ng	92
63) Azobenzene	16.10	77	356766	42.134	ng	97
65) 4,6-Dinitro-2-methylphenol	15.90	198	69646	41.089	ng	98
66) n-Nitrosodiphenylamine	16.03	169	348809	42.029	ng	97
67) 4-Bromophenyl-phenylether	16.70	248	131271	40.909	ng	96
68) Hexachlorobenzene	16.82	284	133287	40.072	ng	96
69) Atrazine	16.97	200	138795	42.493	ng	97
70) Pentachlorophenol	17.17	266	165606	78.836	ng	99
71) Phenanthrene	17.56	178	640175	40.542	ng	100
72) Anthracene	17.66	178	647955	42.109	ng	99
73) Carbazole	17.93	167	568804	41.004	ng	99
74) Di-n-butylphthalate	18.46	149	698278	42.783	ng	100
75) Fluoranthene	19.57	202	776425	41.606	ng	99
77) Benzidine	19.75	184	280278	30.108	ng	99
78) Pyrene	19.93	202	784949	41.177	ng	99
80) Butylbenzylphthalate	20.80	149	327908	44.400	ng	96
81) Benzo(a)anthracene	21.79	228	747349	40.649	ng	99
82) 3,3'-Dichlorobenzidine	21.71	252	185250	27.598	ng	98
83) Chrysene	21.86	228	711441	39.914	ng	99
84) Bis(2-ethylhexyl)phthalate	21.65	149	453709	43.718	ng	99
85) Di-n-octyl phthalate	22.91	149	768027	44.695	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	810415	40.078	ng	# 97
88) Benzo(b)fluoranthene	24.10	252	747730	45.431	ng	98
89) Benzo(k)fluoranthene	24.17	252	708775	46.263	ng	98
90) Benzo(a)pyrene	25.03	252	724429	47.633	ng	98
91) Dibenzo(a,h)anthracene	29.13	278	665893	44.661	ng	98
92) Benzo(g,h,i)perylene	30.28	276	658992	44.008	ng	97

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

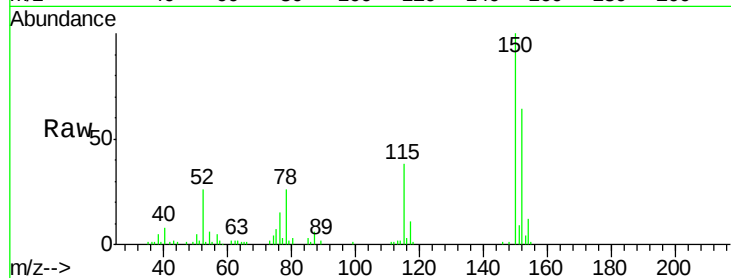


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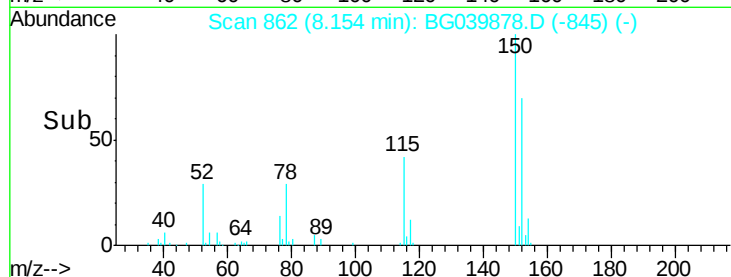
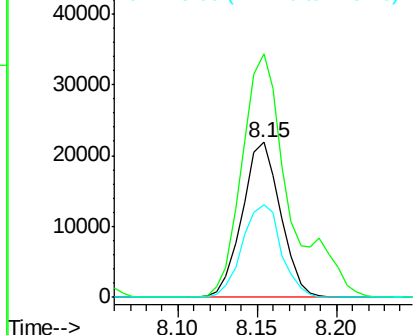
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion:152 Resp: 36740
Ion Ratio Lower Upper
152 100
150 156.9 123.7 185.5
115 60.0 45.9 68.9



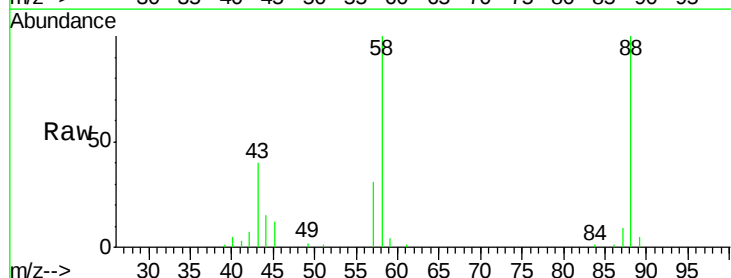
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



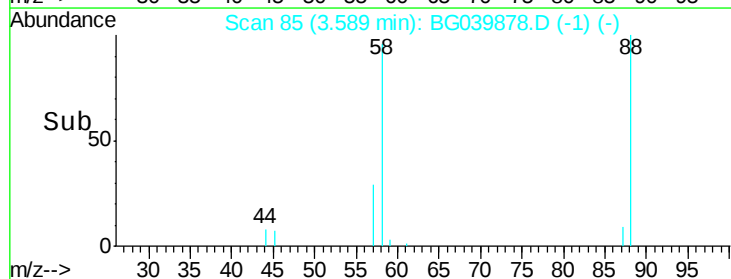
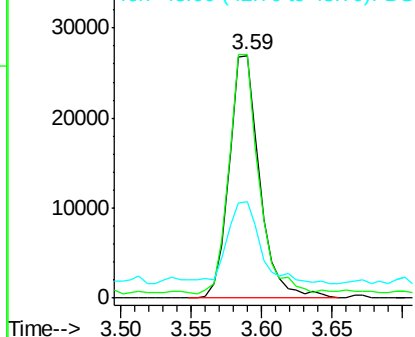
#2

1,4-Dioxane
Concen: 40.690 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion: 88 Resp: 40456
Ion Ratio Lower Upper
88 100
58 95.8 81.1 121.7
43 37.6 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.755 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.01 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

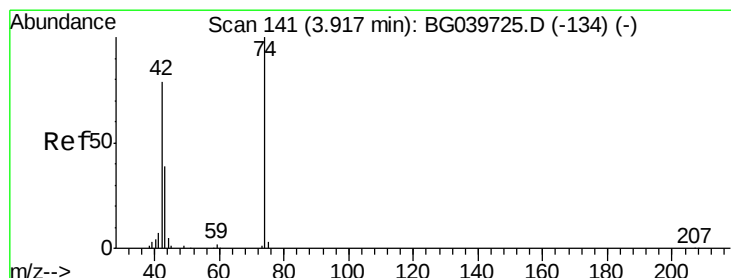
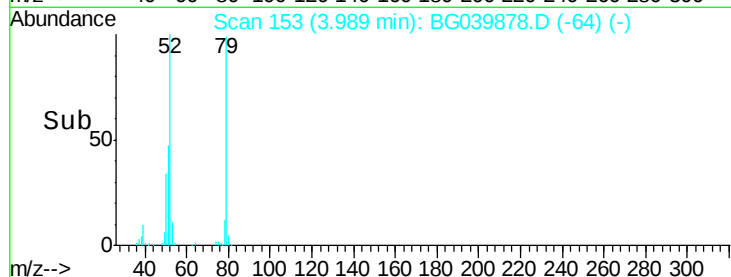
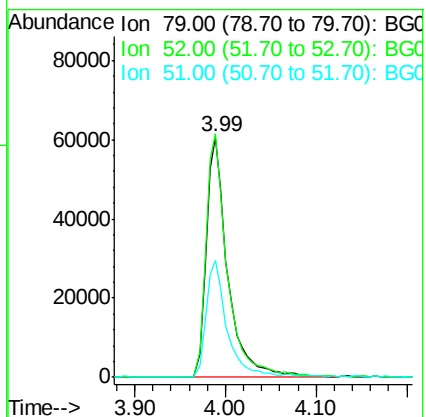
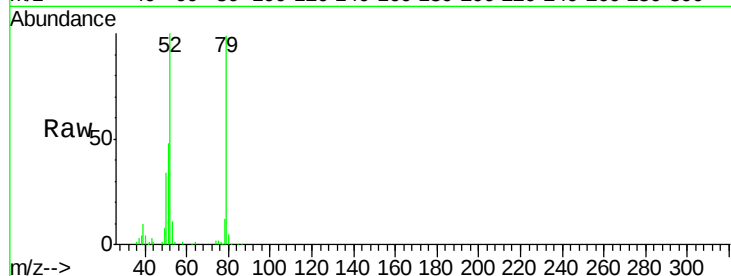
Tgt Ion: 79 Resp: 100495

Ion Ratio Lower Upper

79 100

52 101.5 82.6 124.0

51 48.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 41.056 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

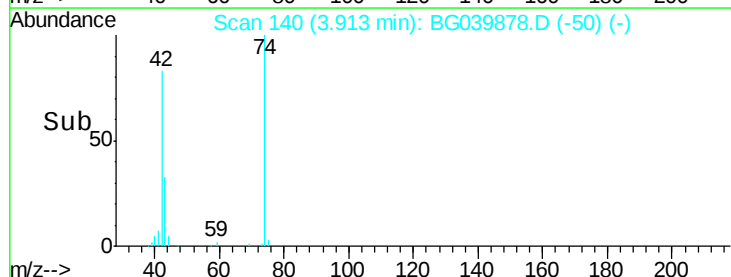
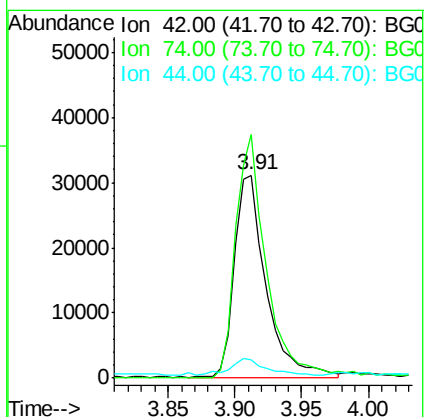
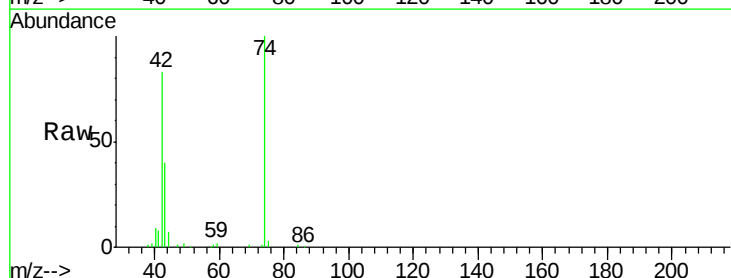
Tgt Ion: 42 Resp: 51842

Ion Ratio Lower Upper

42 100

74 120.1 83.6 125.4

44 8.8 6.9 10.3





#5

2-Fluorophenol

Concen: 144.570 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

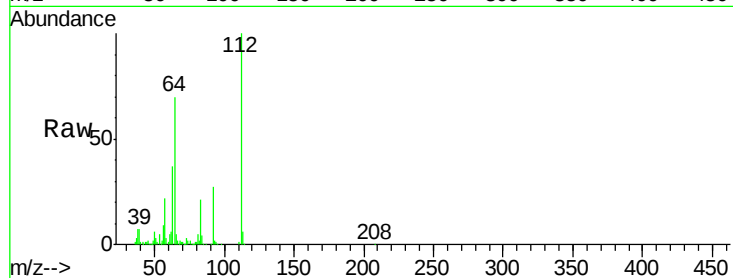
Tgt Ion: 112 Resp: 311341

Ion Ratio Lower Upper

112 100

64 69.6 57.8 86.8

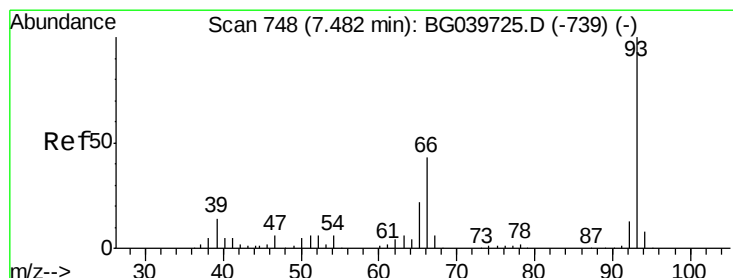
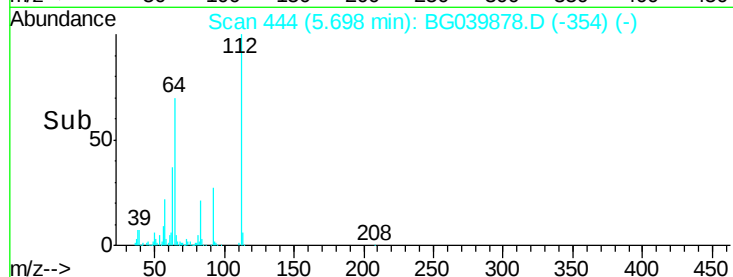
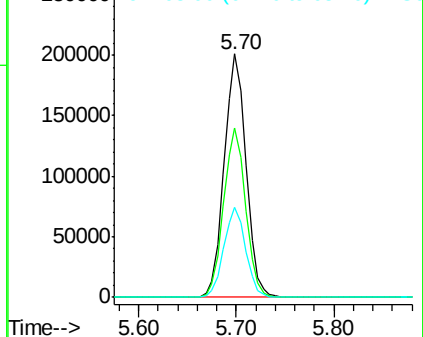
63 37.2 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.980 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

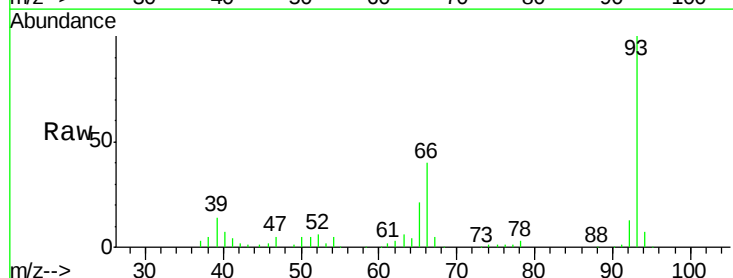
Tgt Ion: 93 Resp: 121920

Ion Ratio Lower Upper

93 100

66 40.1 34.2 51.4

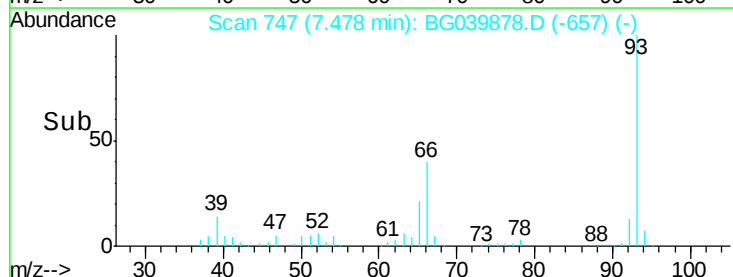
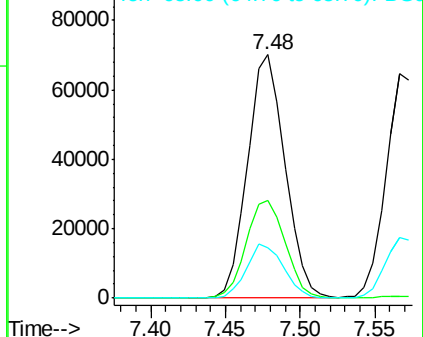
65 20.9 17.7 26.5

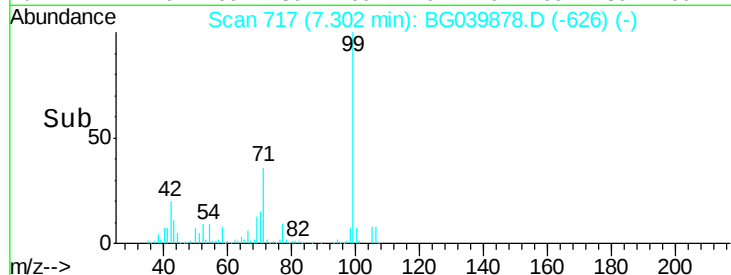
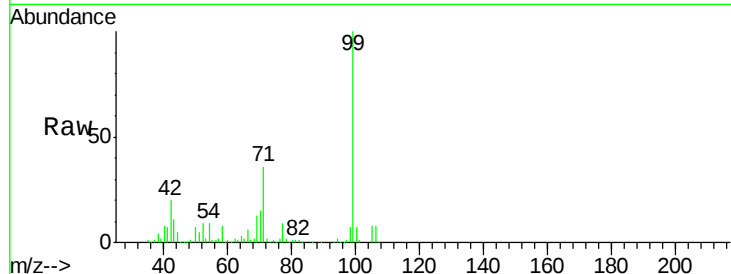


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 138.082 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

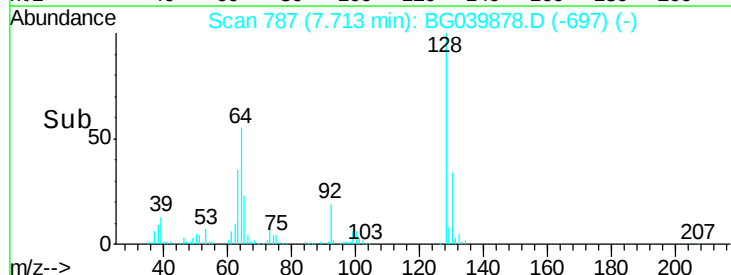
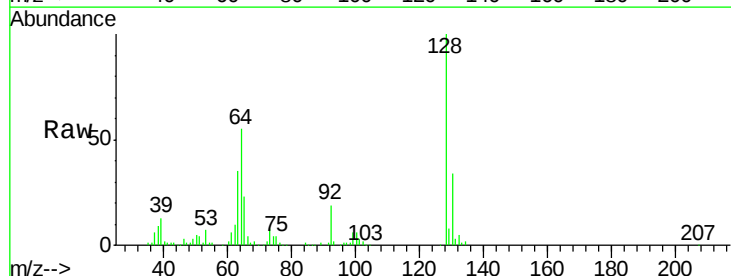
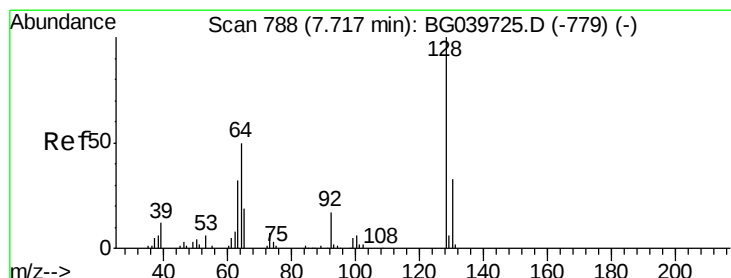
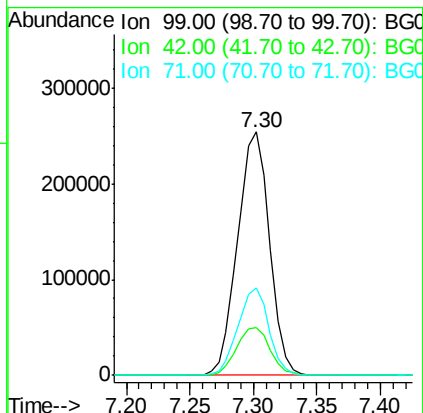
Tgt Ion: 99 Resp: 443394

Ion Ratio Lower Upper

99 100

42 19.6 18.2 27.2

71 36.1 28.0 42.0



#8

2-Chlorophenol

Concen: 42.948 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

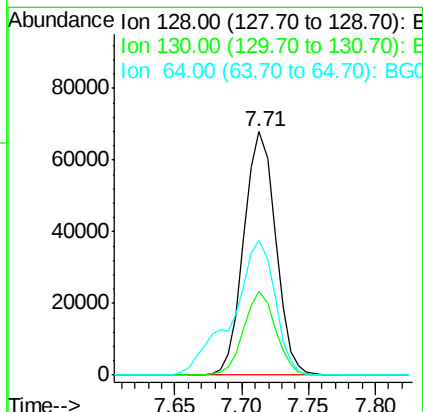
Tgt Ion: 128 Resp: 112209

Ion Ratio Lower Upper

128 100

130 34.2 12.9 52.9

64 55.2 38.7 78.7





#9

Benzaldehyde

Concen: 24.170 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

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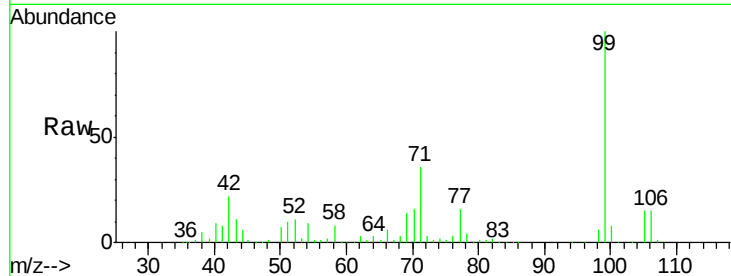
Tgt Ion: 77 Resp: 50064

Ion Ratio Lower Upper

77 100

105 93.8 74.5 114.5

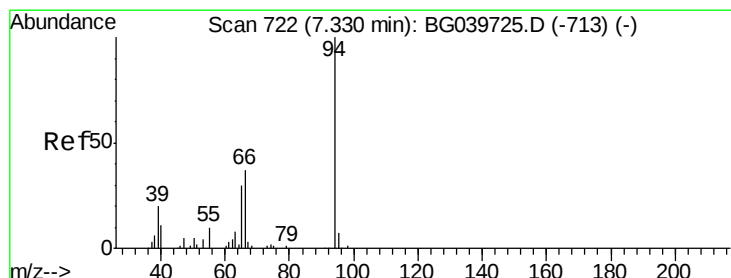
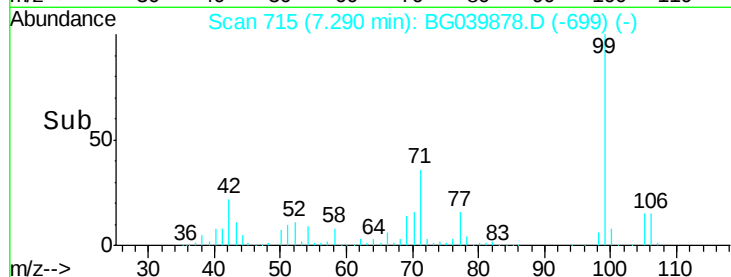
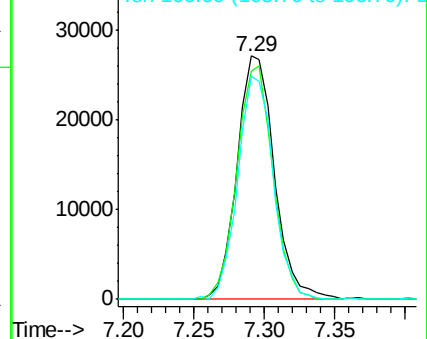
106 91.7 68.0 108.0



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: 44.796 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

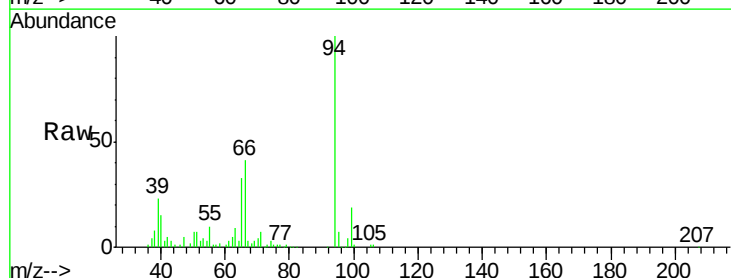
Tgt Ion: 94 Resp: 155830

Ion Ratio Lower Upper

94 100

65 32.9 11.7 51.7

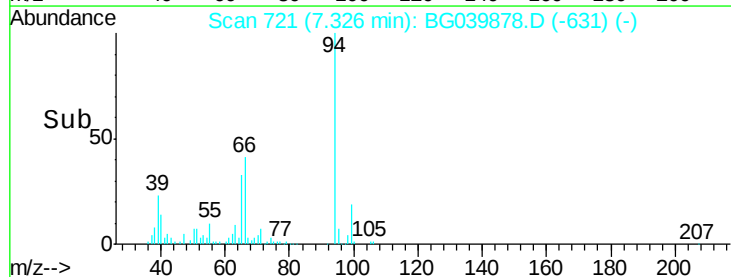
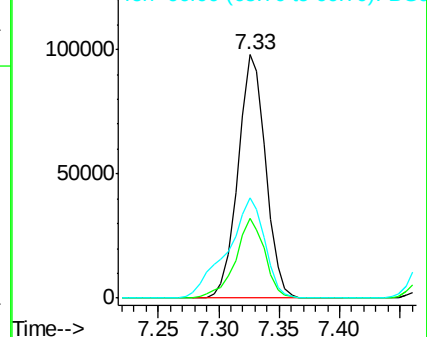
66 41.3 23.7 63.7

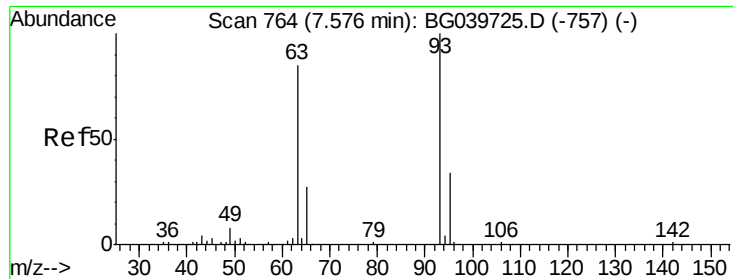


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

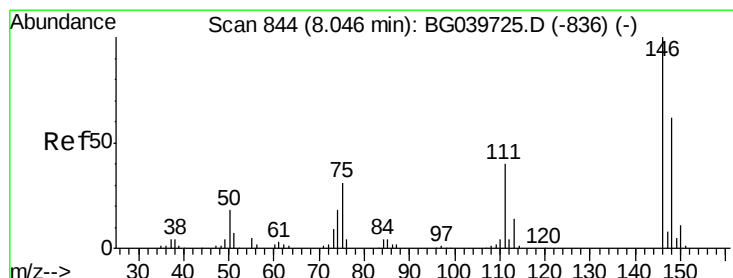
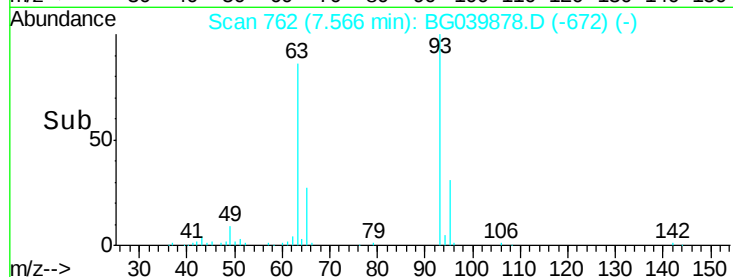
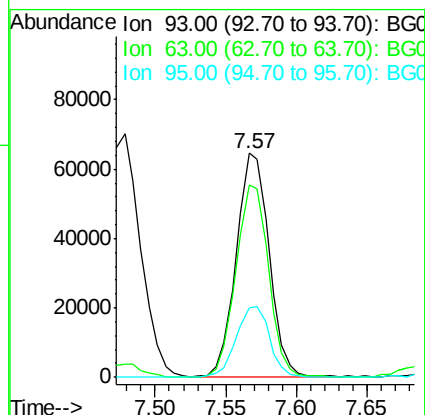
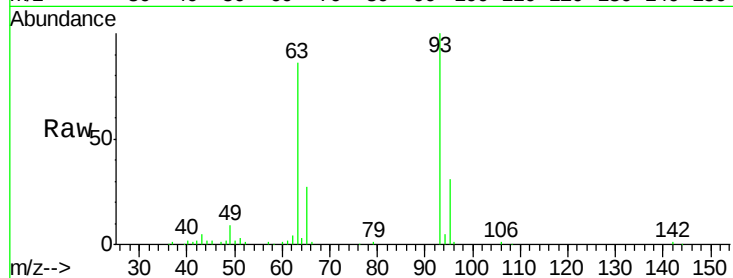




#11
bis(2-Chloroethyl)ether
Concen: 39.069 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

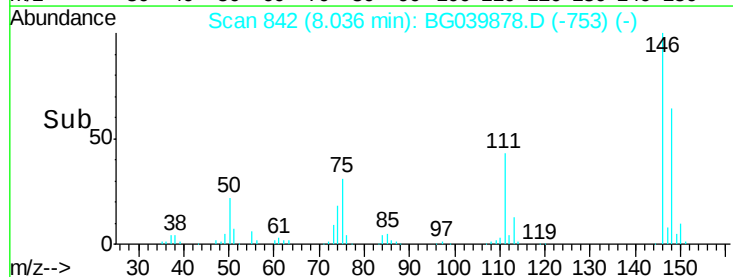
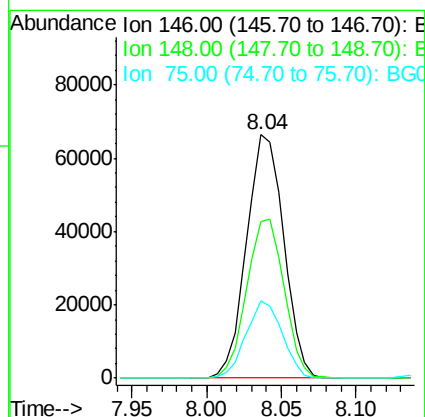
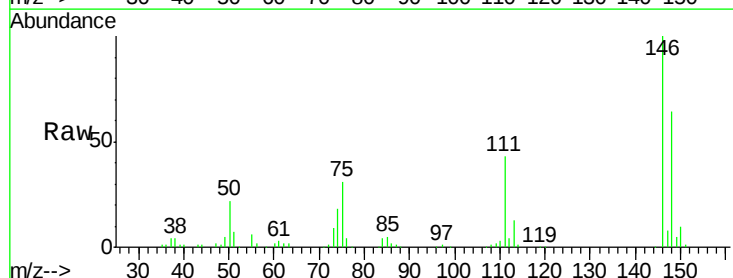
Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion: 93 Resp: 105963
Ion Ratio Lower Upper
93 100
63 85.9 69.5 109.5
95 30.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 38.837 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion: 146 Resp: 114759
Ion Ratio Lower Upper
146 100
148 64.2 52.6 79.0
75 31.5 25.8 38.6

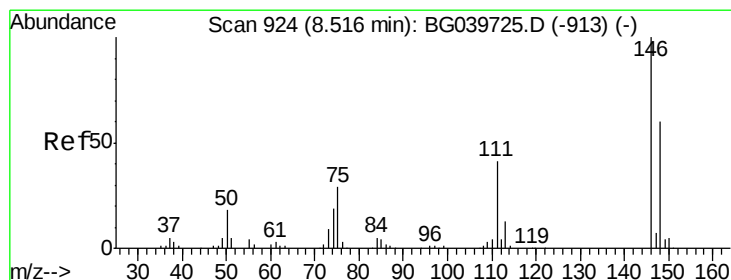
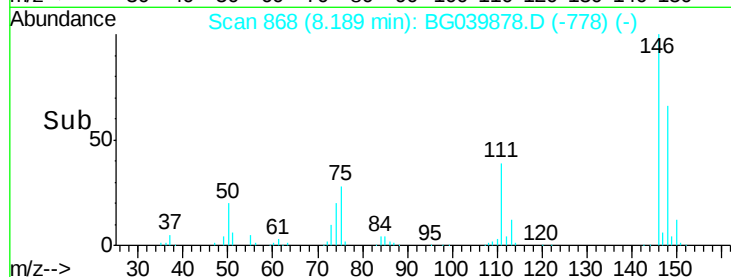
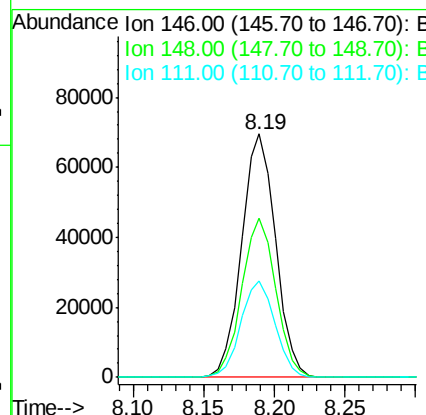
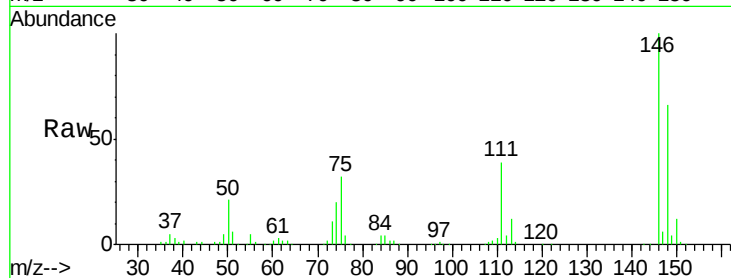




#13
 1,4-Dichlorobenzene
 Concen: 38.842 ng
 RT: 8.19 min Scan# 868
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

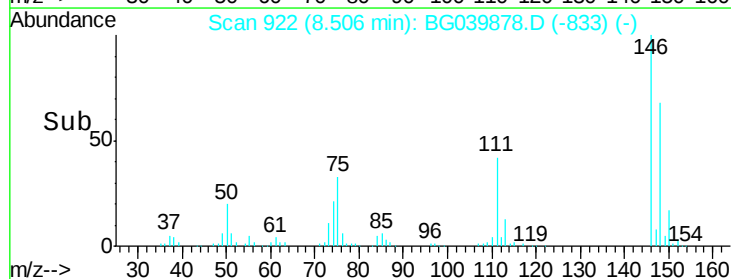
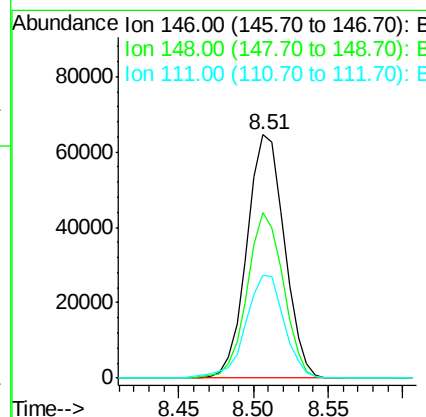
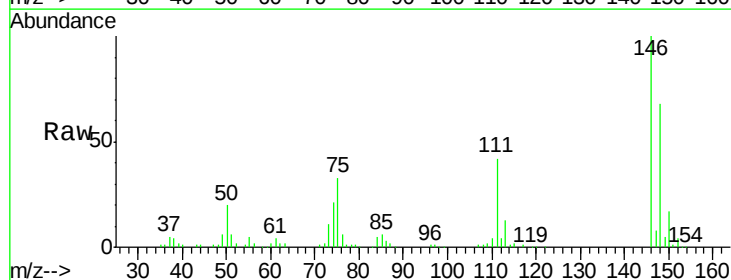
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Tgt Ion:146 Resp: 116907
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.1 76.7
 111 39.4 32.6 48.8



#14
 1,2-Dichlorobenzene
 Concen: 38.465 ng
 RT: 8.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion:146 Resp: 111856
 Ion Ratio Lower Upper
 146 100
 148 67.9 51.5 77.3
 111 42.2 33.8 50.6





#15

Benzyl Alcohol

Concen: 42.696 ng

RT: 8.39 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

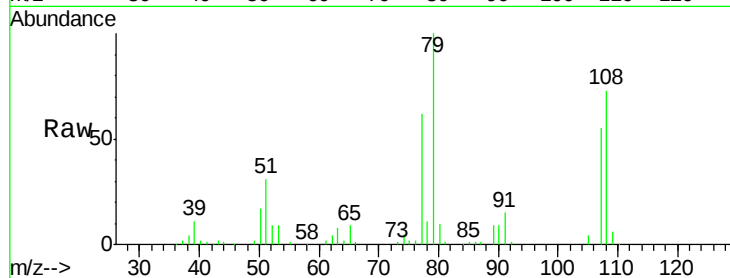
Tgt Ion: 79 Resp: 108756

Ion Ratio Lower Upper

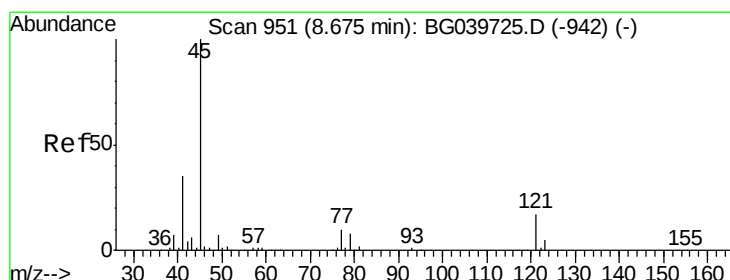
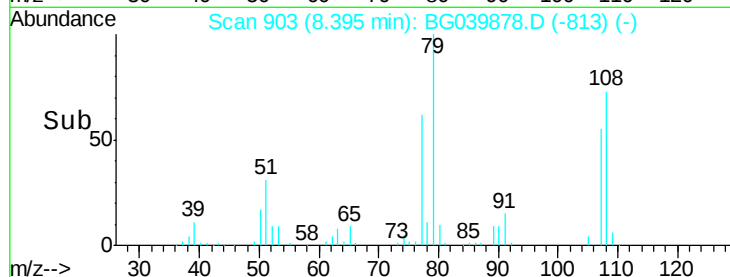
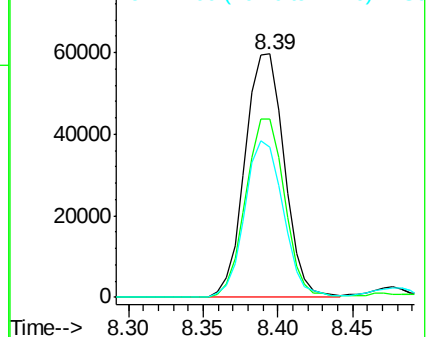
79 100

108 73.3 57.8 86.6

77 61.8 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.654 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

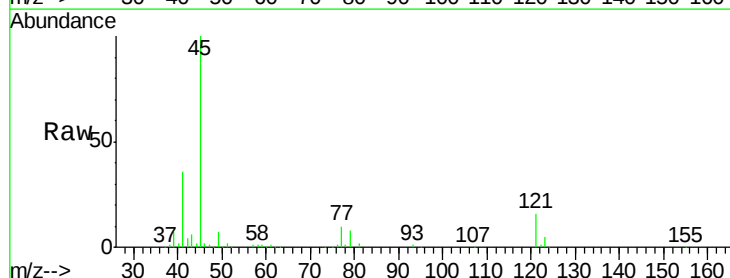
Tgt Ion: 45 Resp: 209677

Ion Ratio Lower Upper

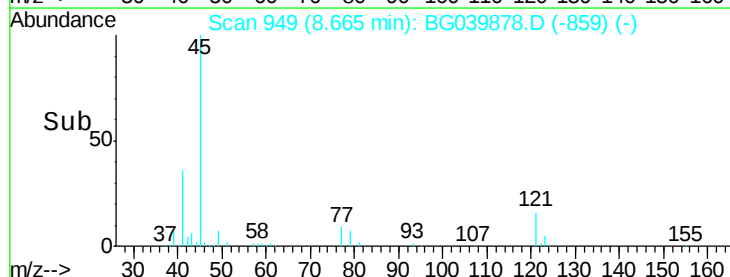
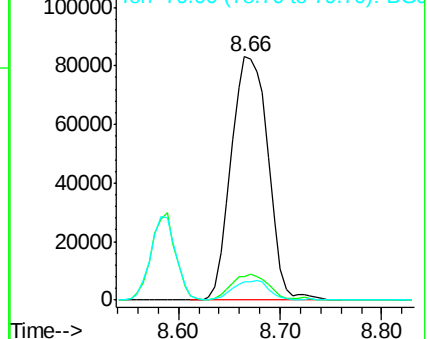
45 100

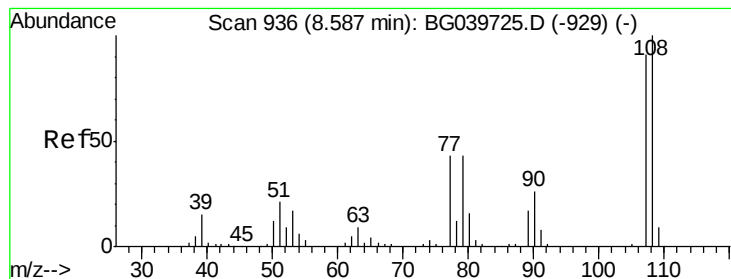
77 9.7 0.0 30.0

79 7.7 0.0 27.5



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





#17

2-Methylphenol

Concen: 46.619 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

Tgt Ion:107 Resp: 103406

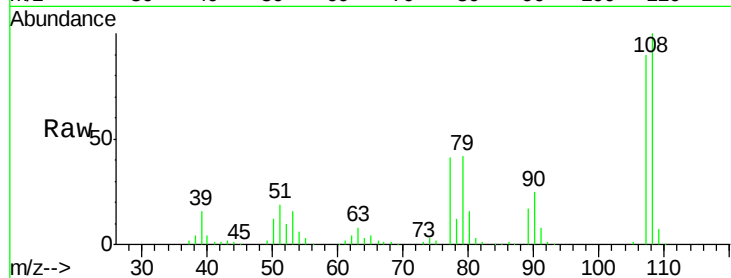
Ion Ratio Lower Upper

107 100

108 111.4 90.8 136.2

77 46.0 40.7 61.1

79 47.3 40.6 60.8

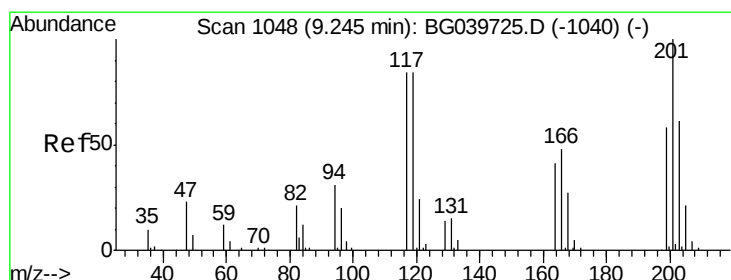
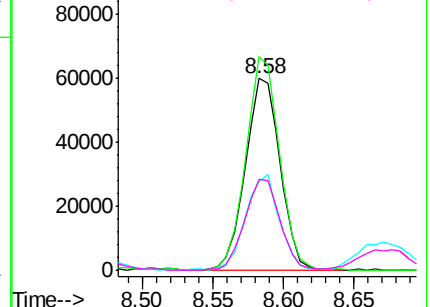
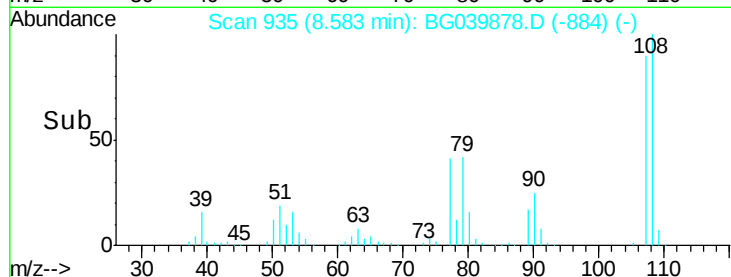


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.400 ng

RT: 9.23 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

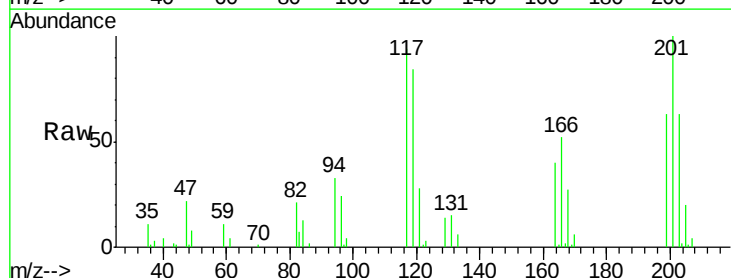
Tgt Ion:117 Resp: 42551

Ion Ratio Lower Upper

117 100

119 88.7 76.3 114.5

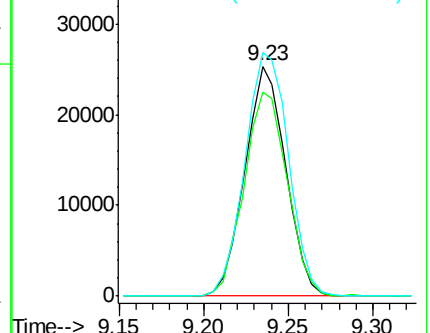
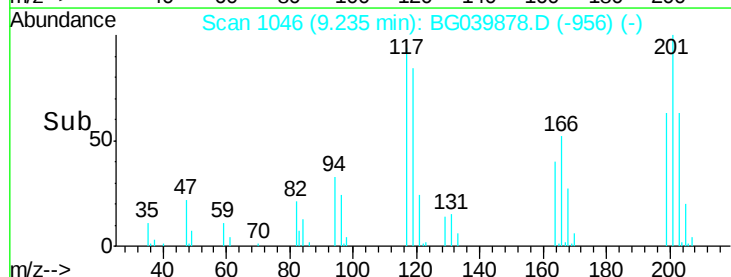
201 105.9 91.1 136.7

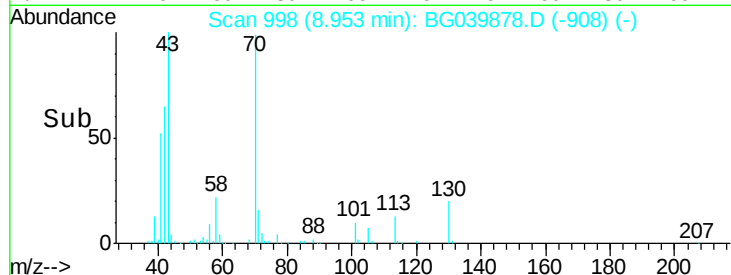
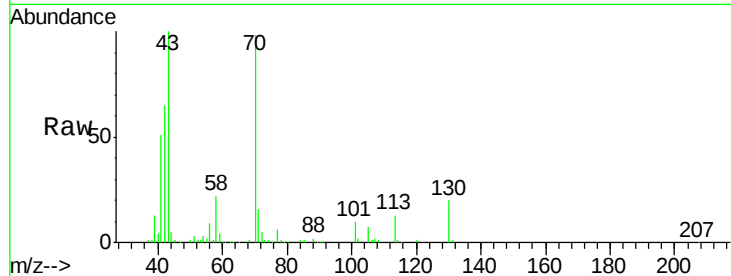
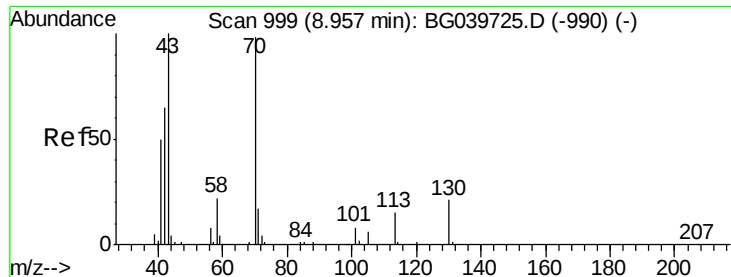


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

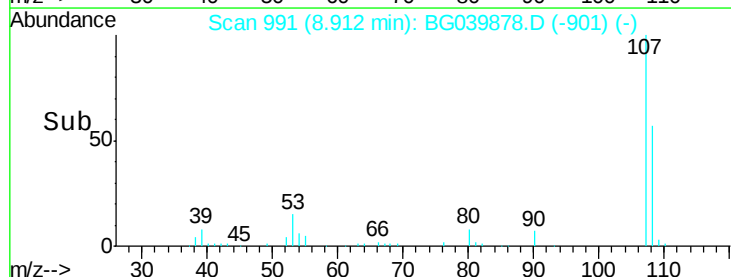
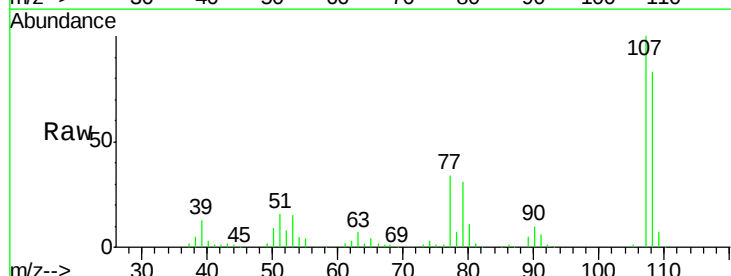
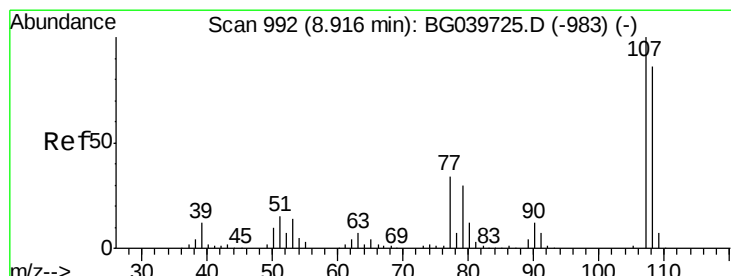
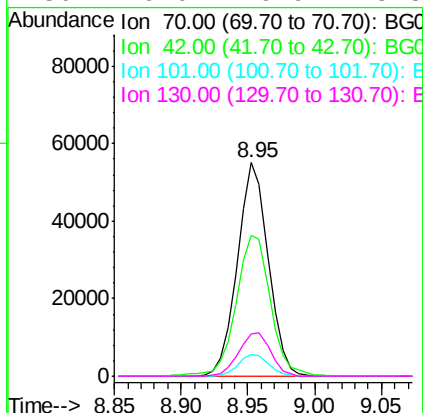




#19
n-Nitroso-di-n-propylamine
Concen: 38.072 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

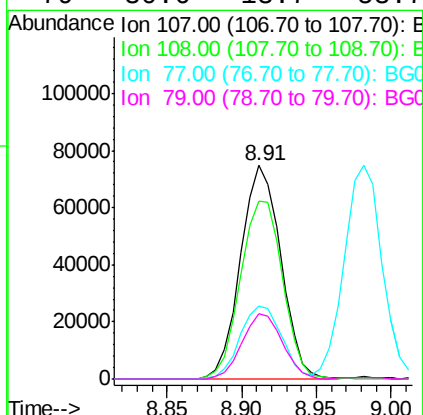
Instrument :
BNA_G
ClientSampleId :
PB117829BSD

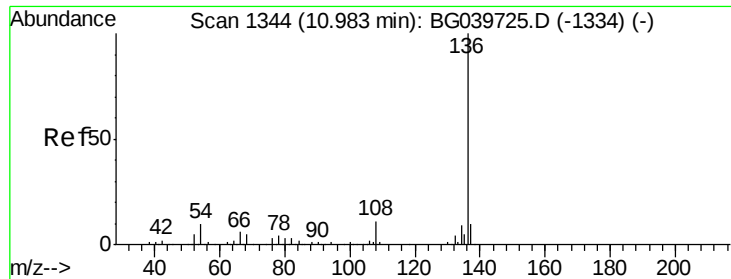
Tgt Ion:	70	Resp:	87994
Ion	Ratio	Lower	Upper
70	100		
42	65.9	60.4	90.6
101	10.0	7.5	11.3
130	20.0	16.9	25.3



#20
3+4-Methylphenols
Concen: 45.396 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion:	107	Resp:	139887
Ion	Ratio	Lower	Upper
107	100		
108	83.3	67.9	107.9
77	34.3	15.4	55.4
79	30.6	13.7	53.7

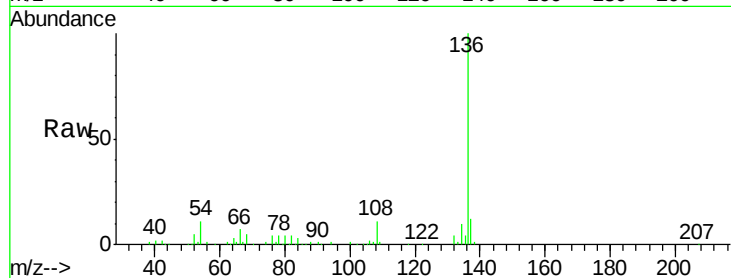




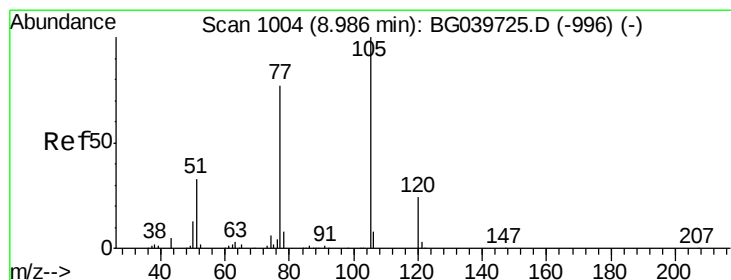
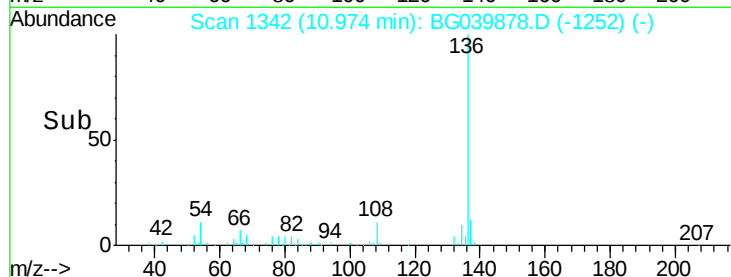
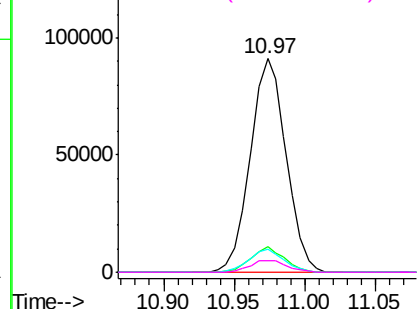
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion:	136	Resp:	161722
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	10.8	9.4	14.2
68	5.4	4.2	6.4

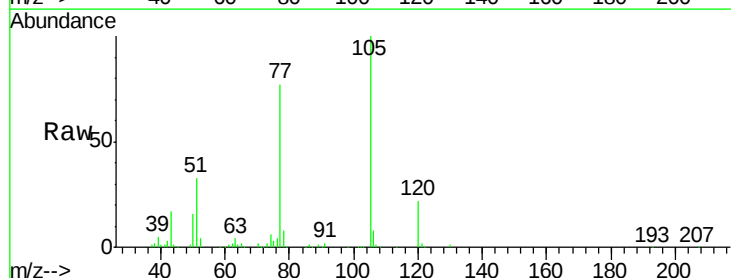


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

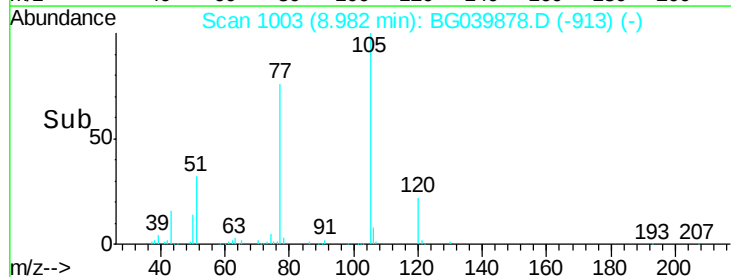
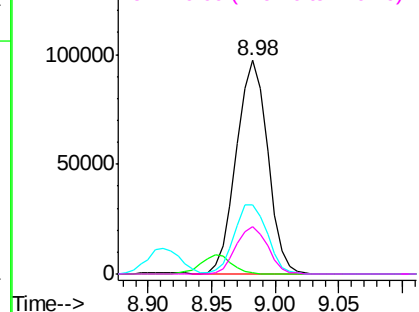


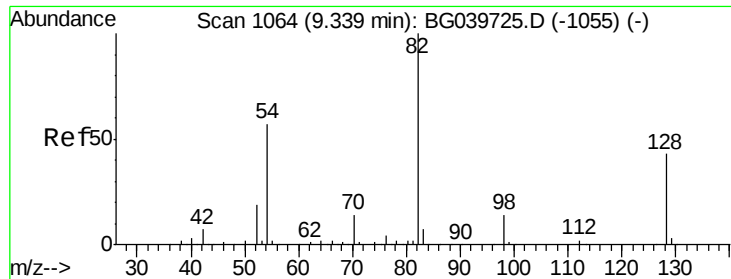
#22
Acetophenone
Concen: 38.402 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion:	105	Resp:	166686
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.8	1.2#
51	32.7	30.2	45.2
120	22.0	18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

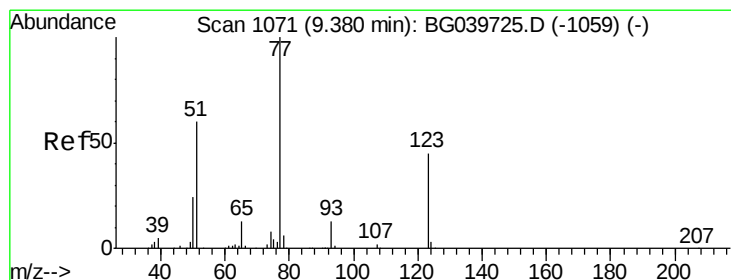
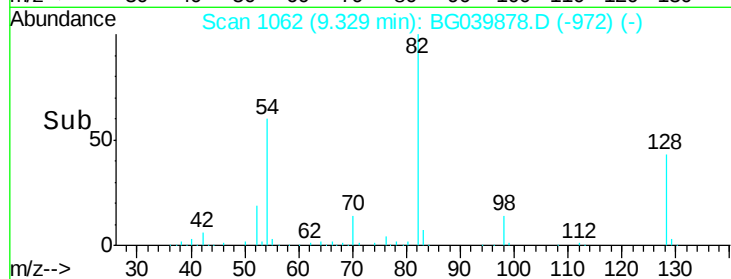
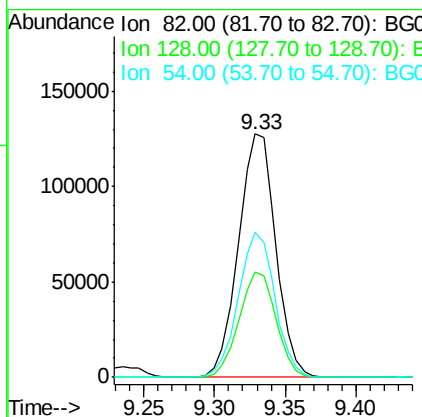
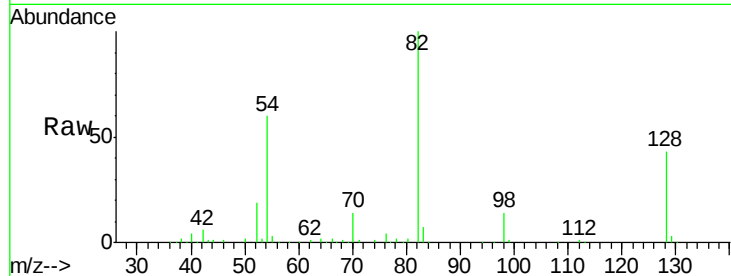




#23
 Nitrobenzene-d5
 Concen: 78.884 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

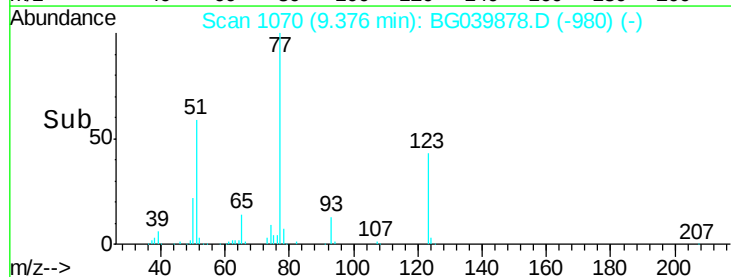
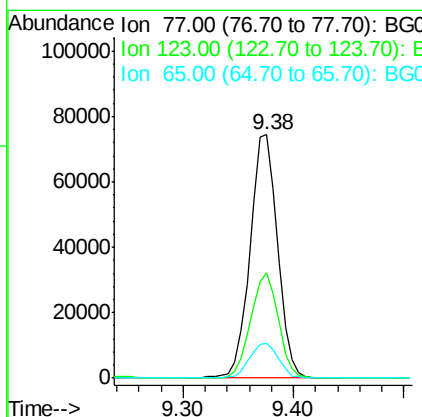
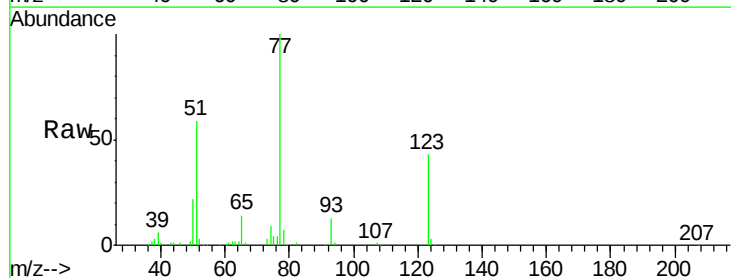
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Tgt Ion: 82 Resp: 235879
 Ion Ratio Lower Upper
 82 100
 128 43.1 31.3 46.9
 54 59.7 50.9 76.3



#24
 Nitrobenzene
 Concen: 41.600 ng
 RT: 9.38 min Scan# 1070
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion: 77 Resp: 130495
 Ion Ratio Lower Upper
 77 100
 123 43.2 34.1 51.1
 65 14.3 12.3 18.5

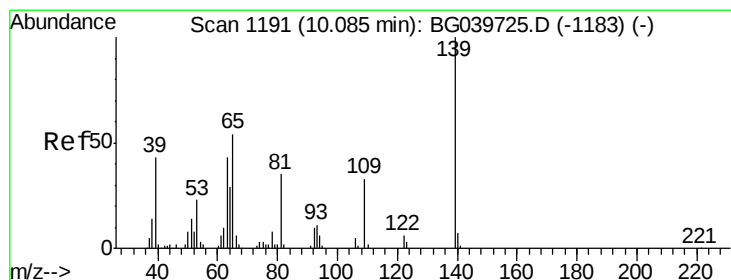
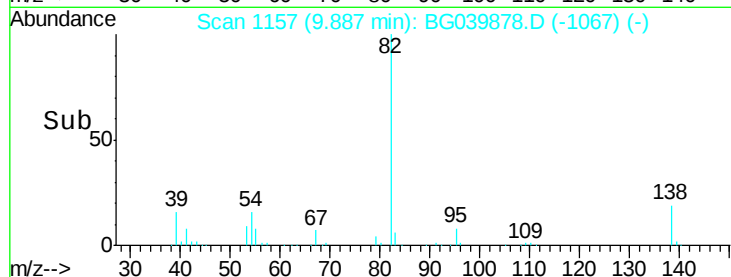
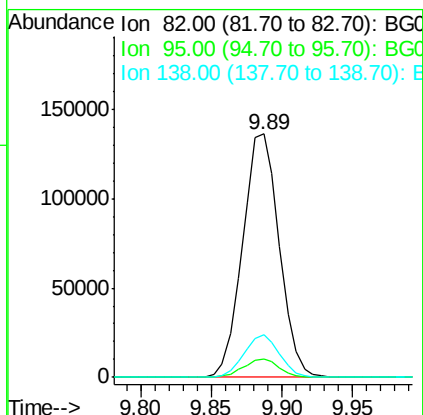
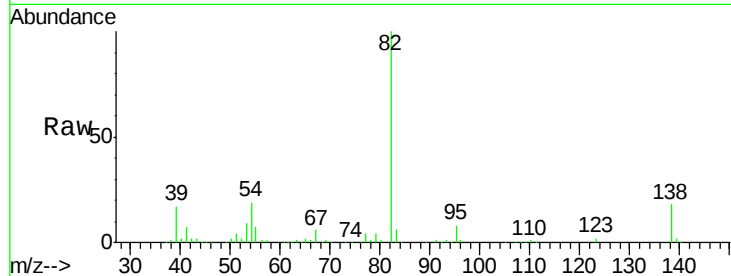




#25
Isophorone
Concen: 39.484 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

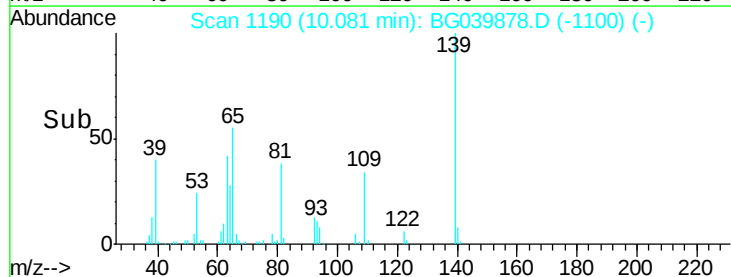
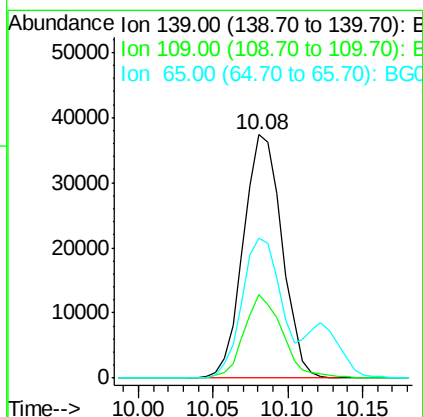
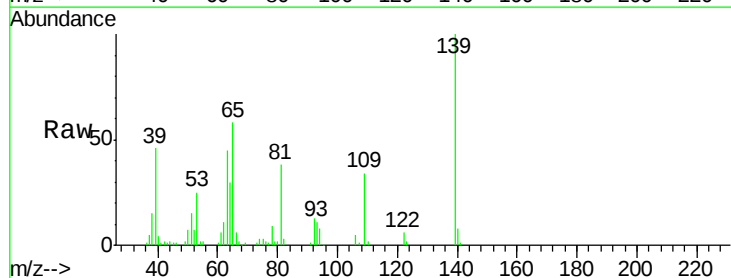
Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion: 82 Resp: 247384
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 17.8 13.0 19.4



#26
2-Nitrophenol
Concen: 44.123 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion: 139 Resp: 66828
Ion Ratio Lower Upper
139 100
109 34.3 23.4 35.0
65 57.7 44.3 66.5

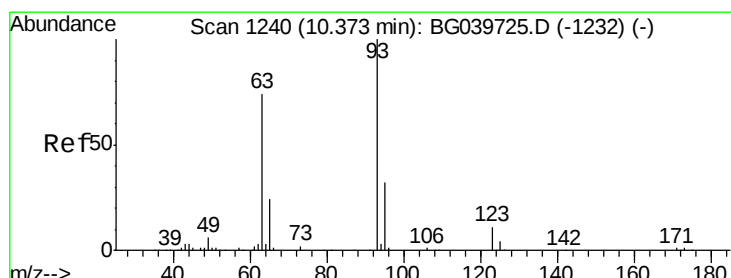
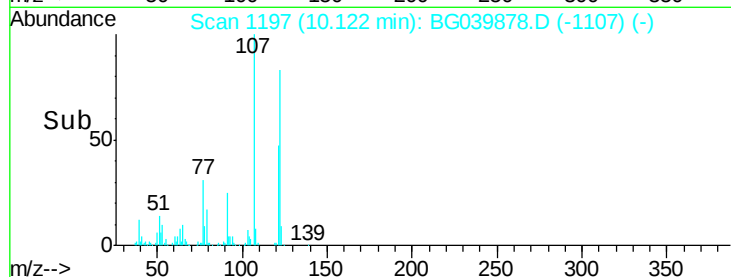
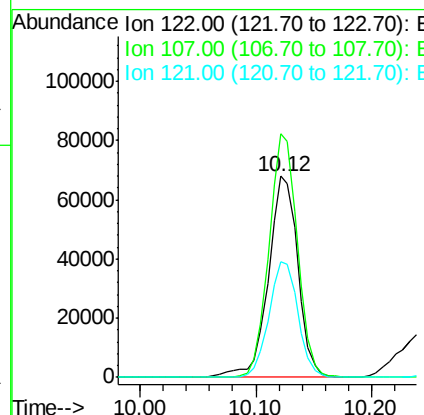
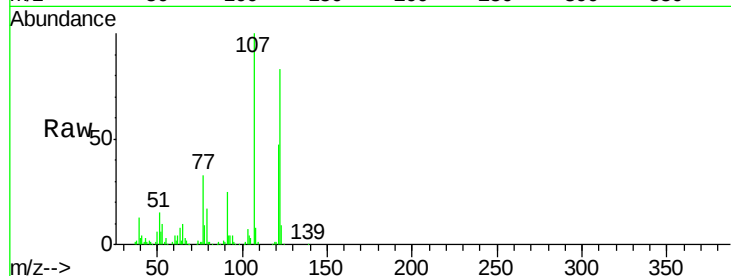




#27
2,4-Dimethylphenol
Concen: 51.528 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

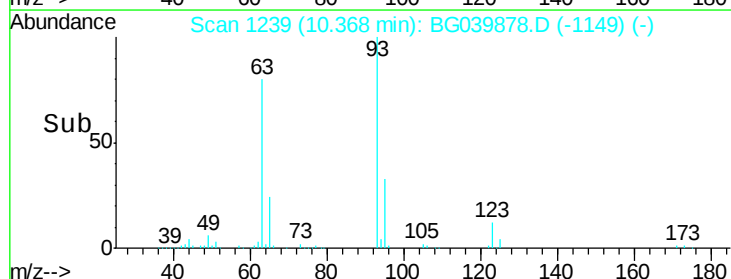
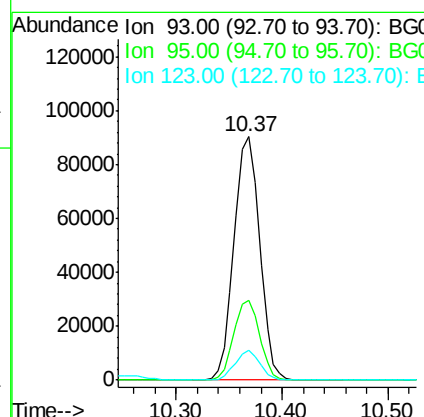
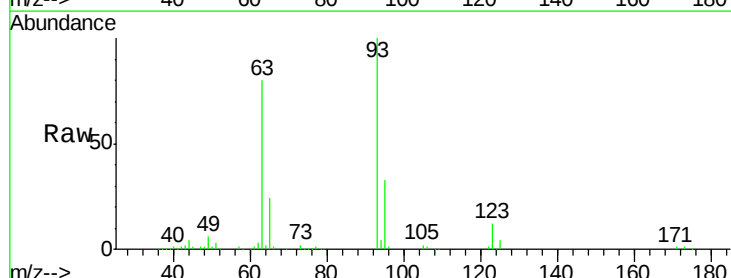
Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion:122 Resp: 121378
Ion Ratio Lower Upper
122 100
107 121.1 91.7 137.5
121 57.5 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.953 ng
RT: 10.37 min Scan# 1239
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion: 93 Resp: 152123
Ion Ratio Lower Upper
93 100
95 32.7 25.0 37.4
123 12.1 8.6 12.8

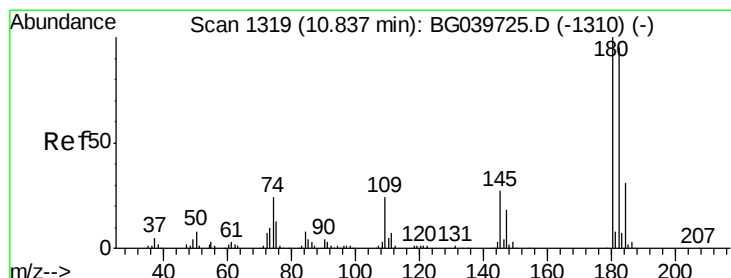
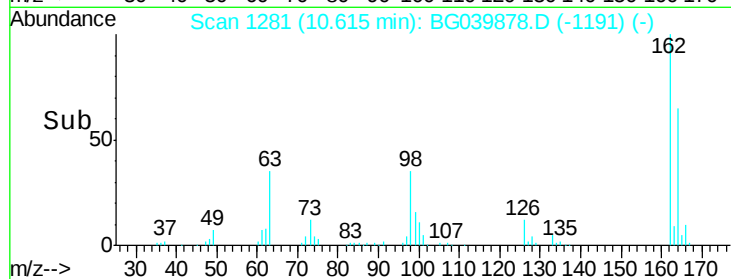
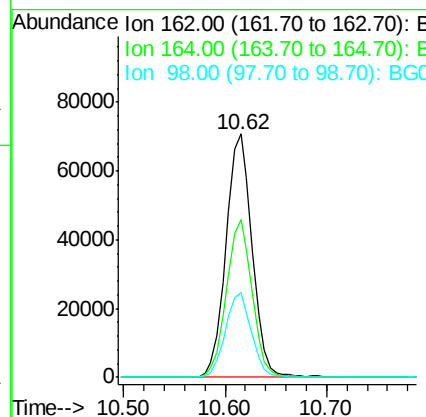
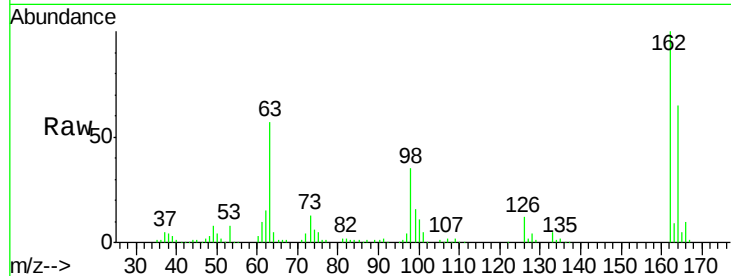




#29
 2,4-Dichlorophenol
 Concen: 47.651 ng
 RT: 10.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

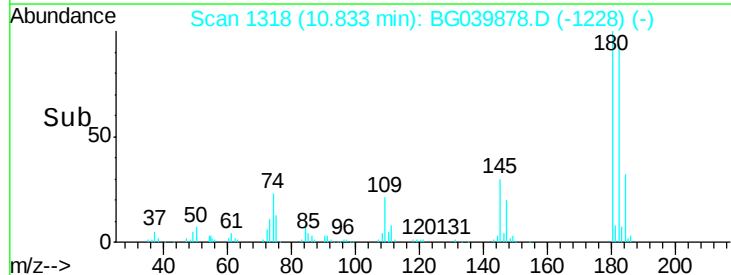
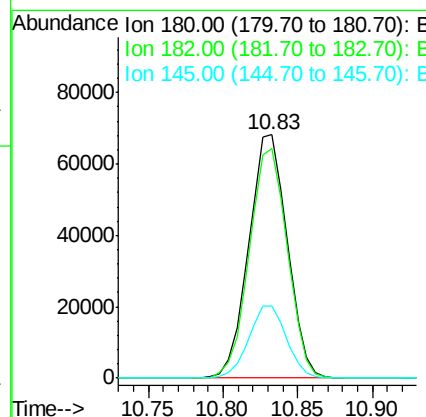
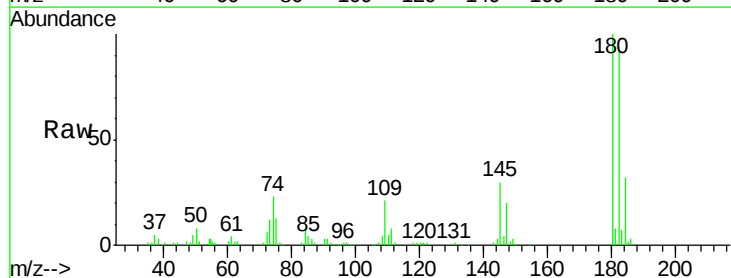
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

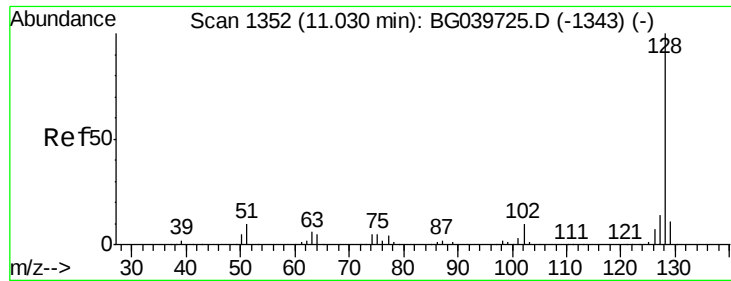
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	126375		
164	64.9	48.1	88.1	
98	34.8	18.1	58.1	



#30
 1,2,4-Trichlorobenzene
 Concen: 40.657 ng
 RT: 10.83 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	121333		
182	94.2	76.0	114.0	
145	29.7	22.7	34.1	

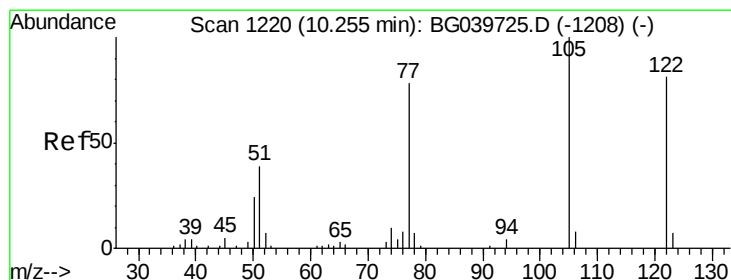
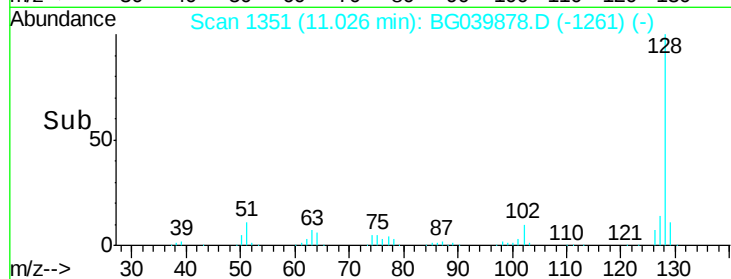
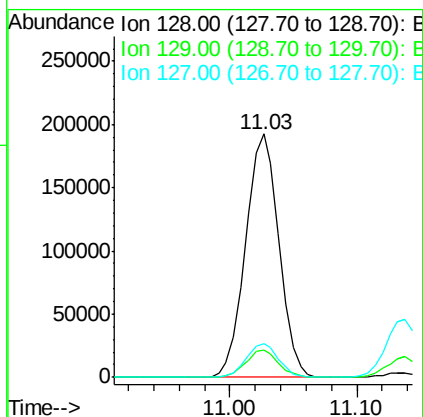
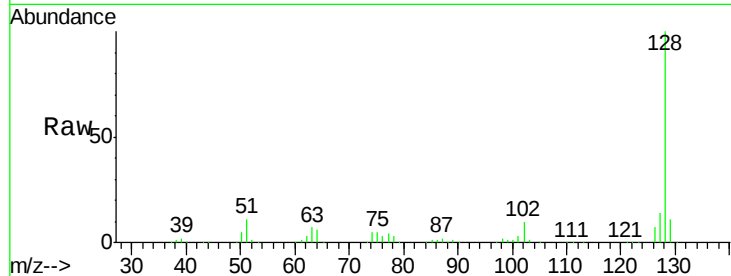




#31
Naphthalene
Concen: 40.964 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

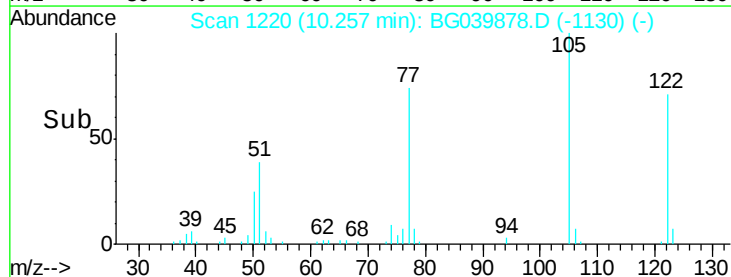
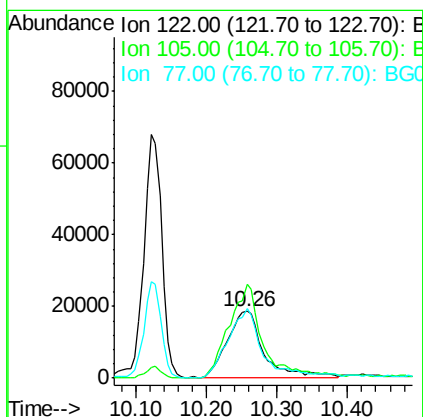
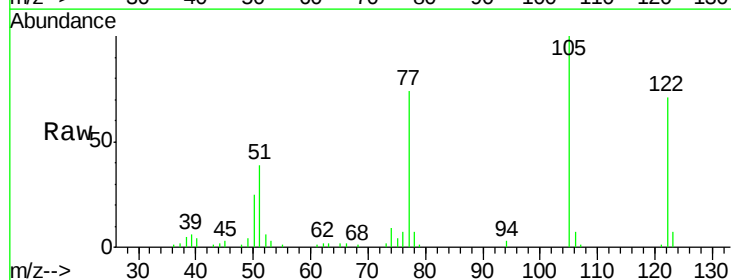
Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion:128 Resp: 350755
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 41.846 ng
RT: 10.26 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion:122 Resp: 66094
Ion Ratio Lower Upper
122 100
105 141.0 101.8 141.8
77 103.7 76.3 116.3

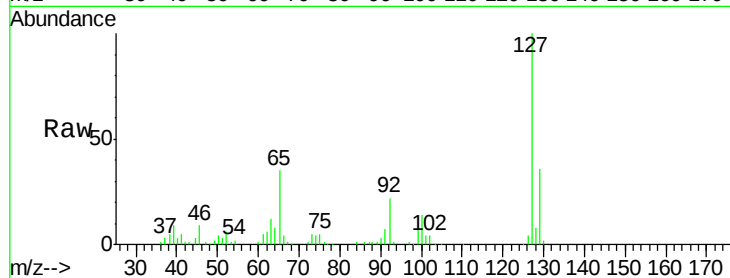




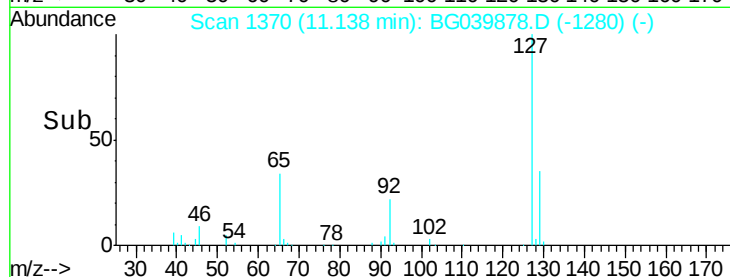
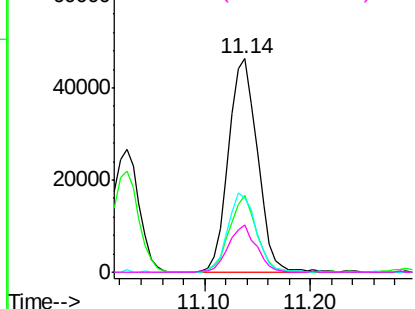
#33
4-Chloroaniline
Concen: 24.271 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion:	127	Resp:	88125
Ion	Ratio	Lower	Upper
127	100		
129	35.8	27.0	40.4
65	34.8	28.8	43.2
92	22.0	16.6	25.0

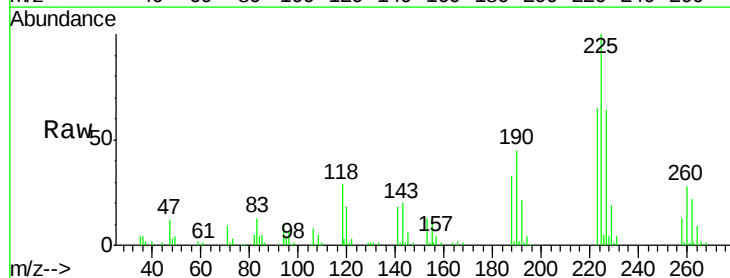


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

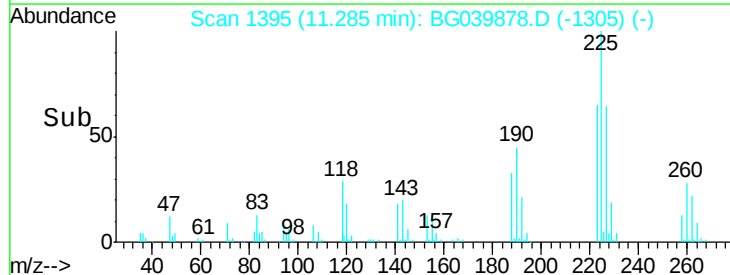
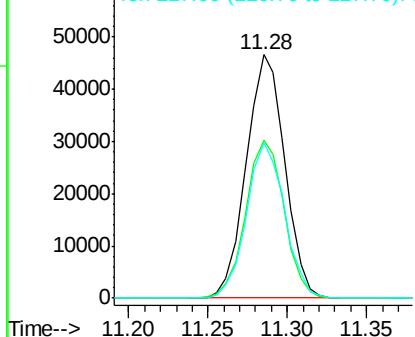


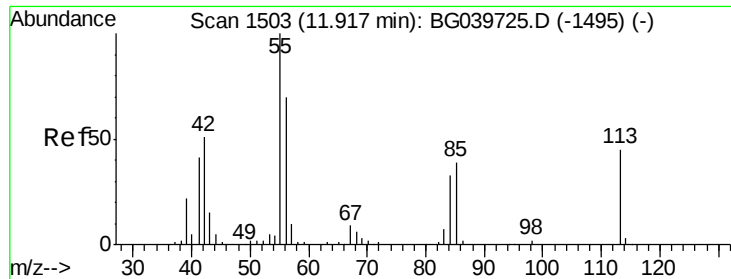
#34
Hexachlorobutadiene
Concen: 38.460 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion:	225	Resp:	78432
Ion	Ratio	Lower	Upper
225	100		
223	64.7	49.0	73.6
227	63.7	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

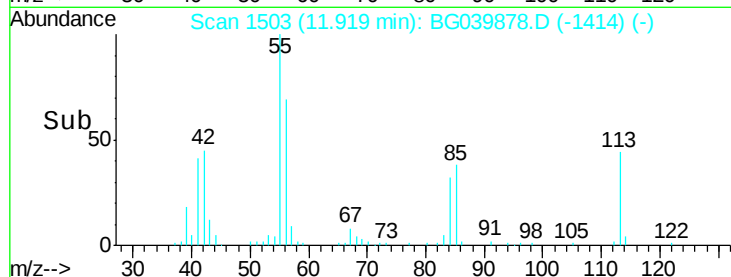
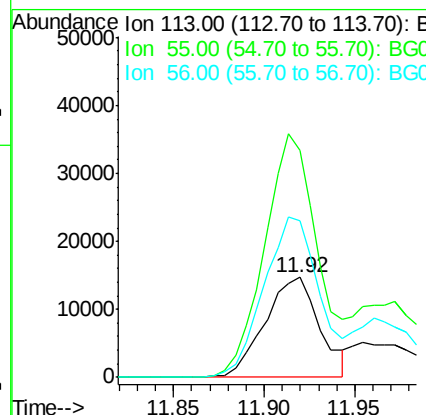
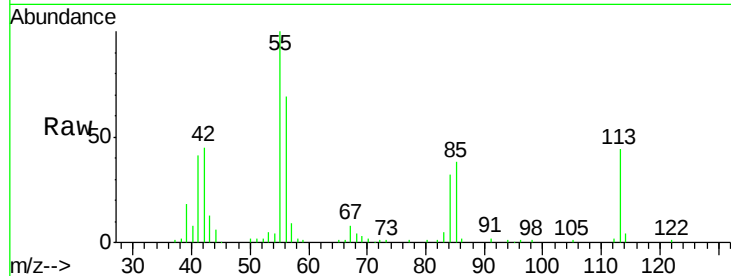




#35
 Caprolactam
 Concen: 30.389 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

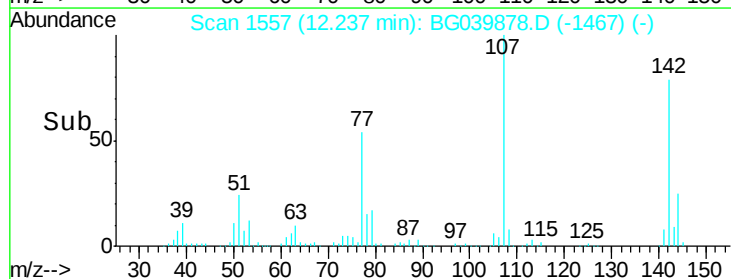
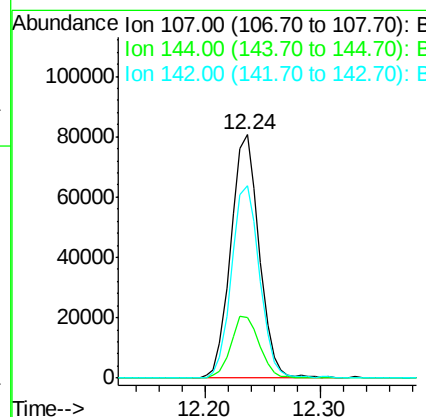
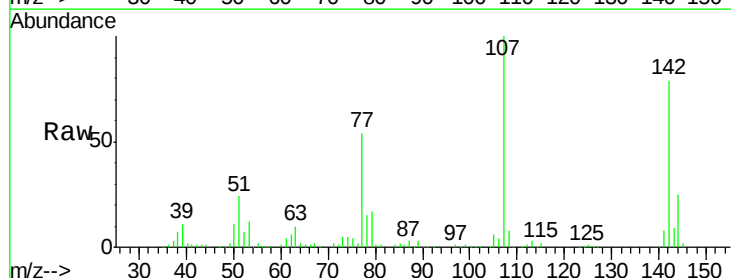
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

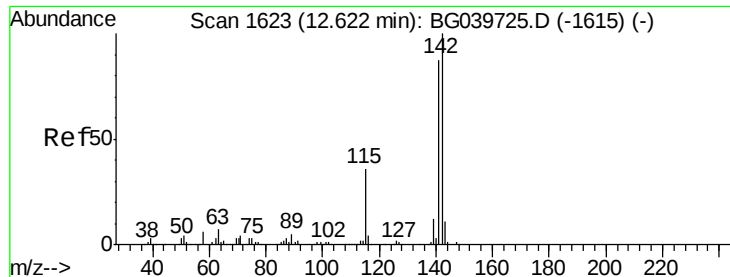
Tgt Ion:113 Resp: 30787
 Ion Ratio Lower Upper
 113 100
 55 227.9 216.9 256.9
 56 156.6 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 45.075 ng
 RT: 12.24 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion:107 Resp: 137036
 Ion Ratio Lower Upper
 107 100
 144 24.8 20.2 30.2
 142 79.0 61.4 92.2

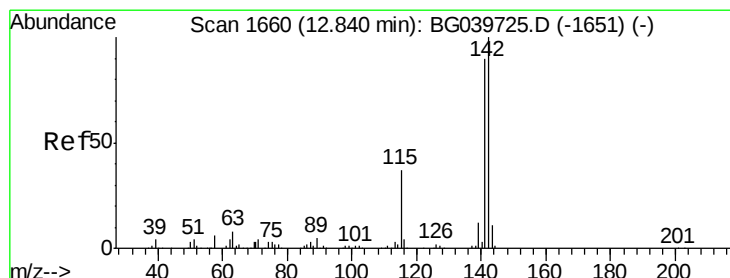
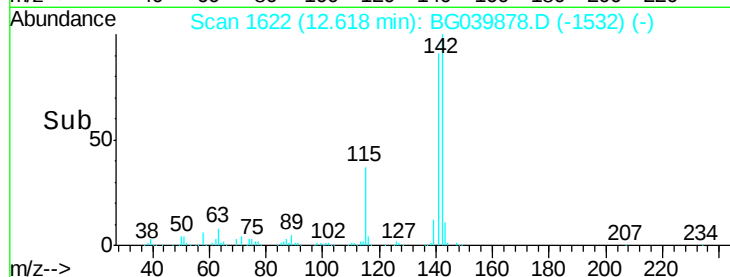
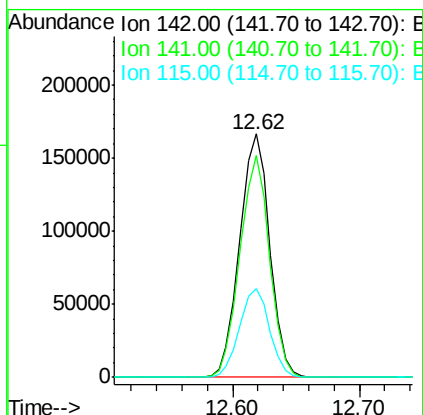
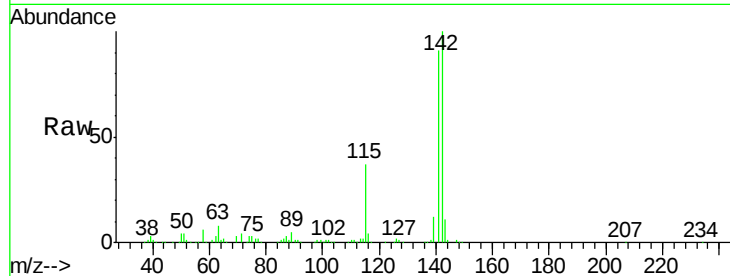




#37
 2-Methylnaphthalene
 Concen: 42.742 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

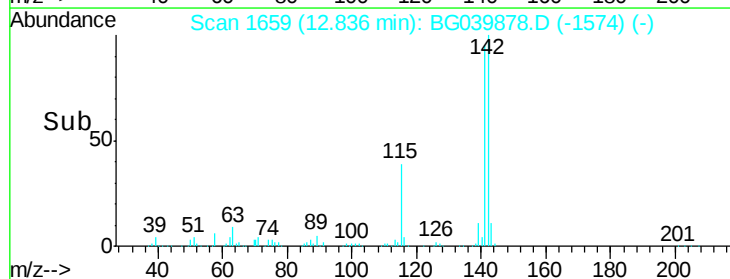
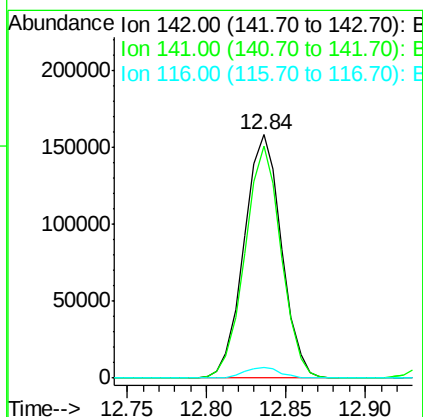
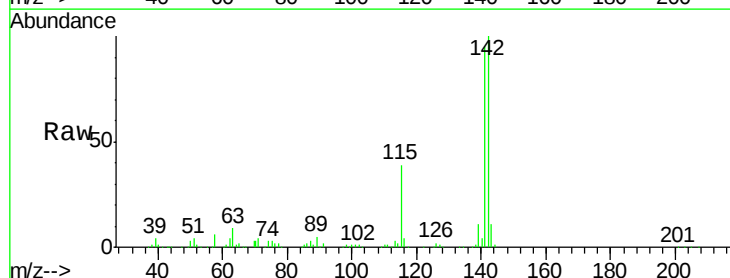
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

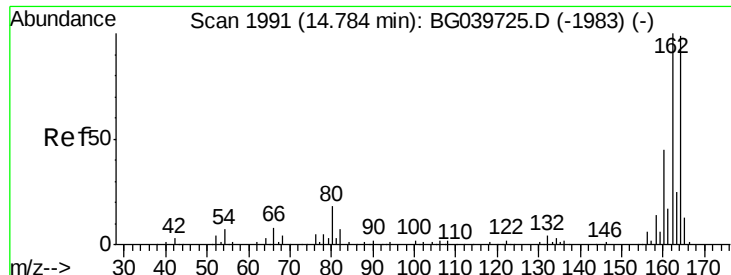
Tgt Ion:142 Resp: 273617
 Ion Ratio Lower Upper
 142 100
 141 91.1 73.5 110.3
 115 36.6 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 41.688 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion:142 Resp: 259343
 Ion Ratio Lower Upper
 142 100
 141 95.1 74.2 111.4
 116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

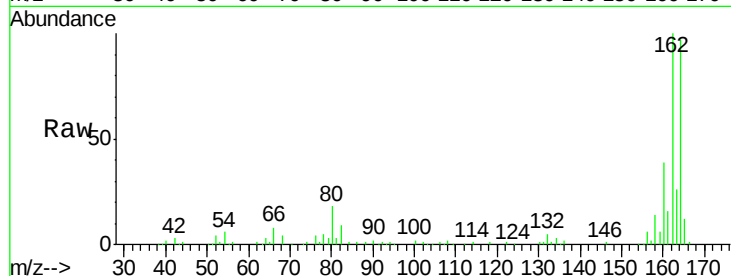
Tgt Ion:164 Resp: 112846

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

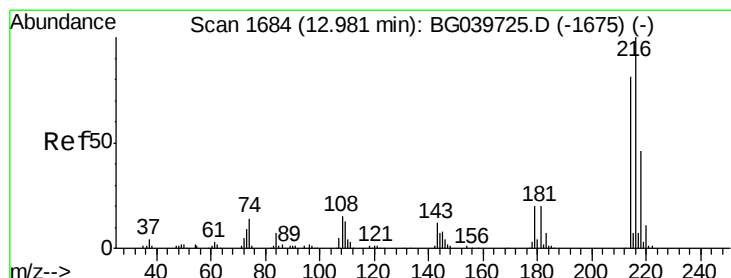
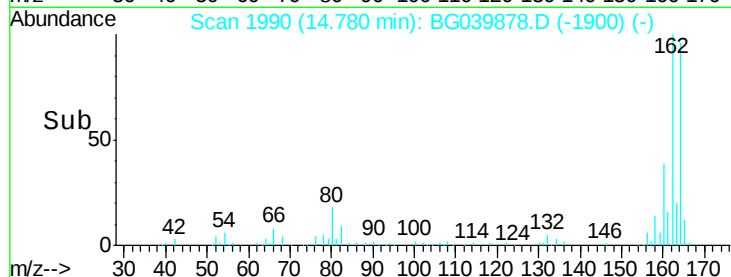
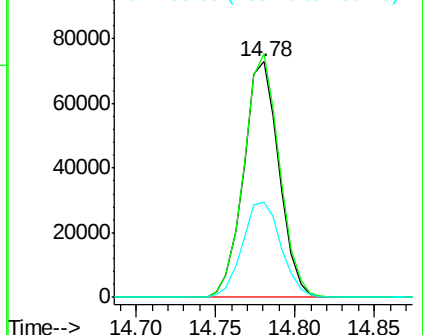
160 40.3 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.503 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion:216 Resp: 151017

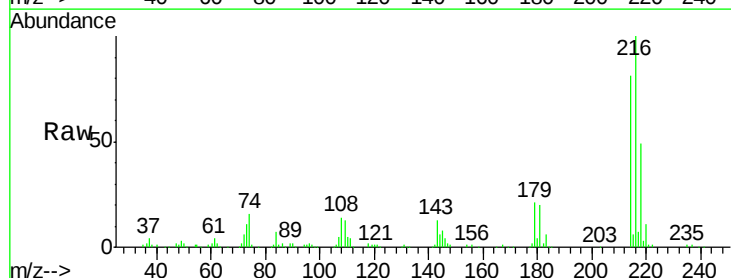
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.8 16.6 25.0

108 17.2 14.0 21.0

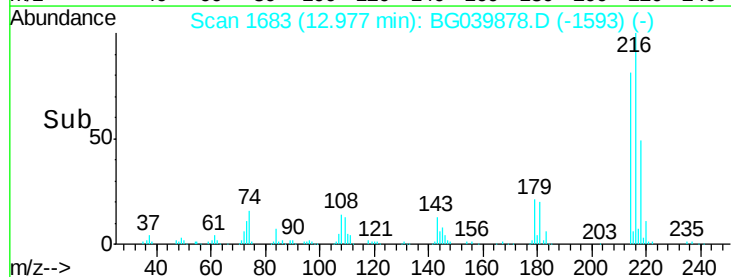
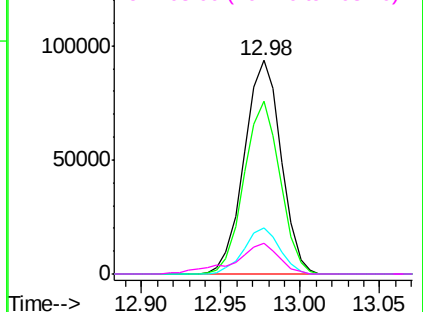


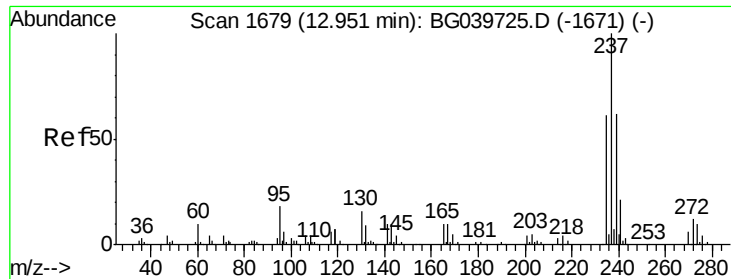
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.121 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

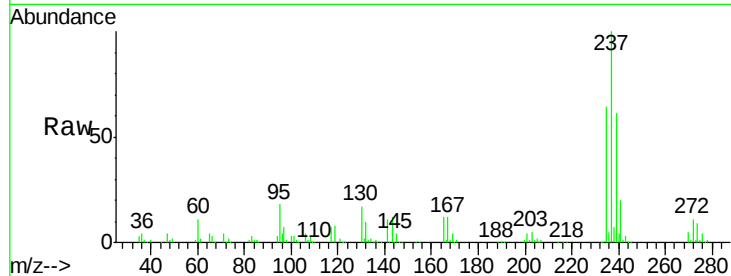
Tgt Ion:237 Resp: 178487

Ion Ratio Lower Upper

237 100

235 63.6 43.3 83.3

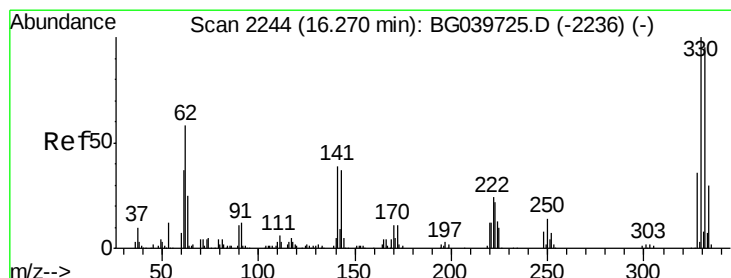
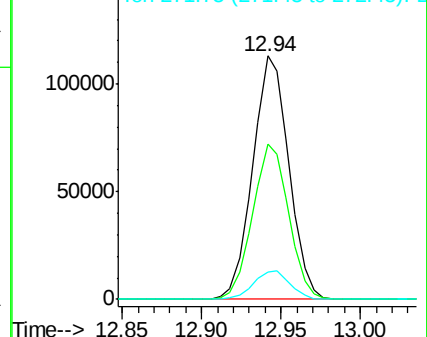
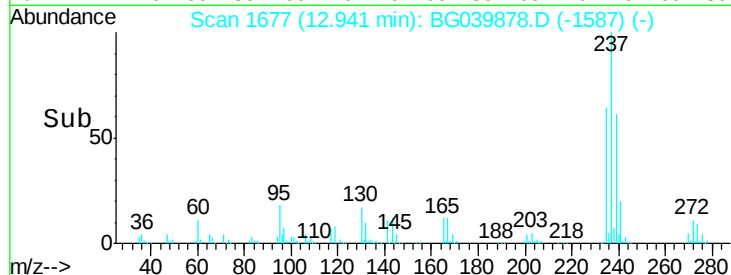
272 11.5 0.0 32.3



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: 139.602 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

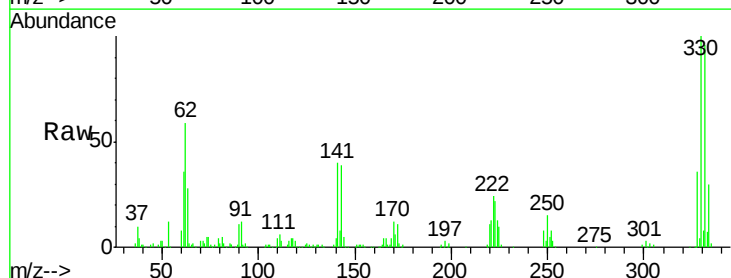
Tgt Ion:330 Resp: 183619

Ion Ratio Lower Upper

330 100

332 95.1 75.7 113.5

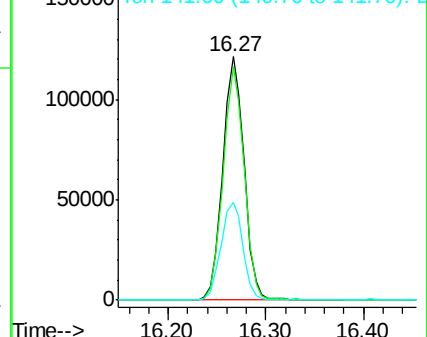
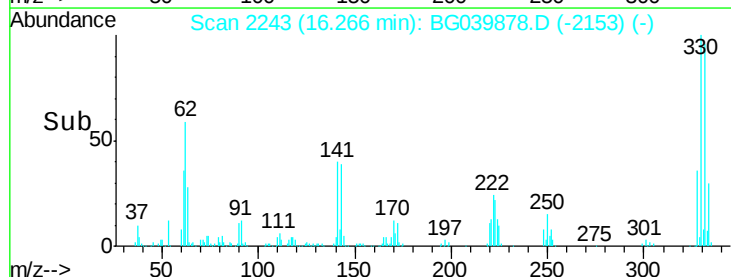
141 41.2 35.6 53.4



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

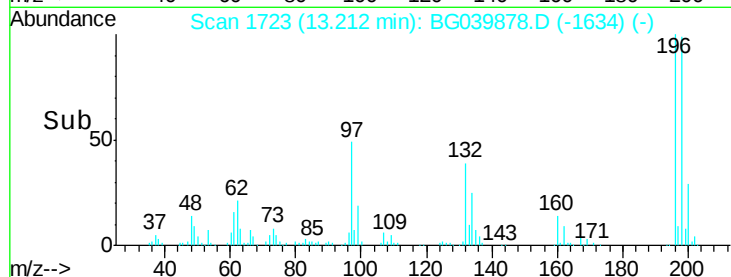
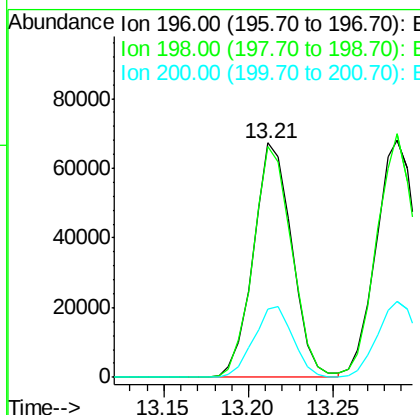
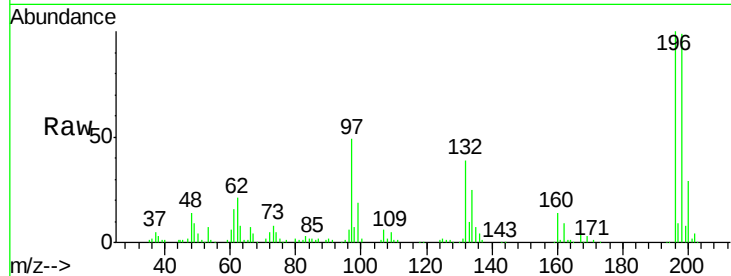




#43
 2,4,6-Trichlorophenol
 Concen: 47.557 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

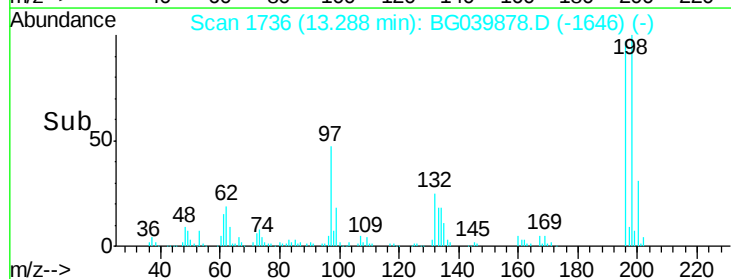
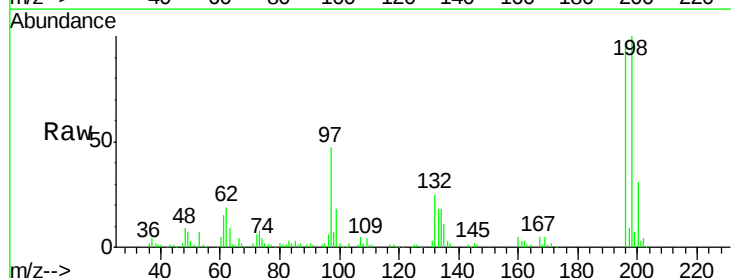
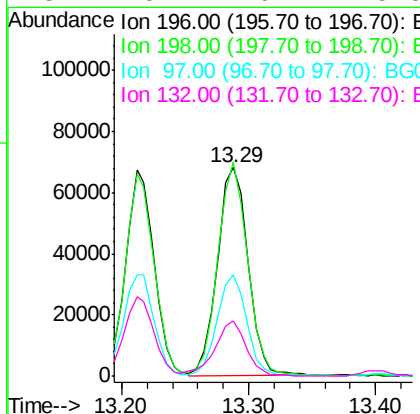
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

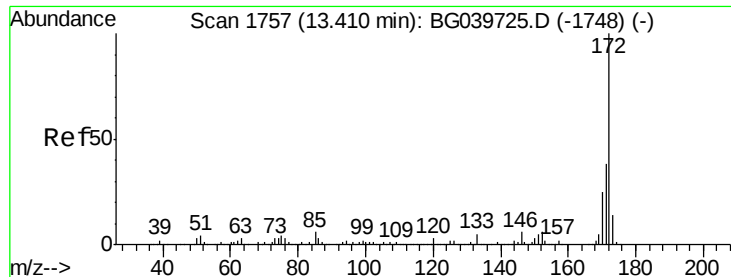
Tgt Ion:196 Resp: 106440
 Ion Ratio Lower Upper
 196 100
 198 98.7 80.6 121.0
 200 29.2 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 45.527 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion:196 Resp: 114856
 Ion Ratio Lower Upper
 196 100
 198 102.6 78.5 117.7
 97 48.6 38.4 57.6
 132 26.2 19.2 28.8

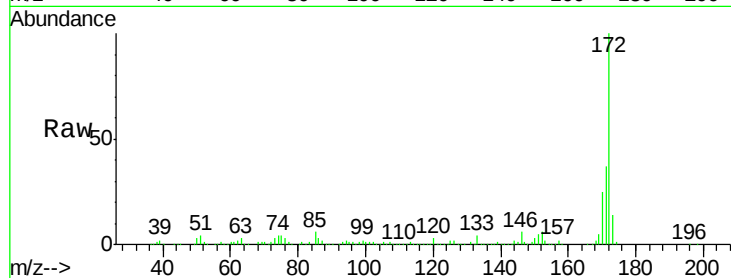




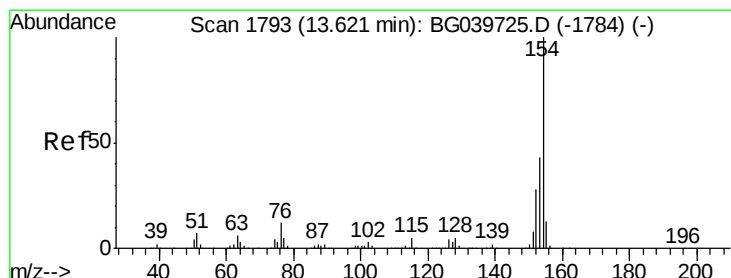
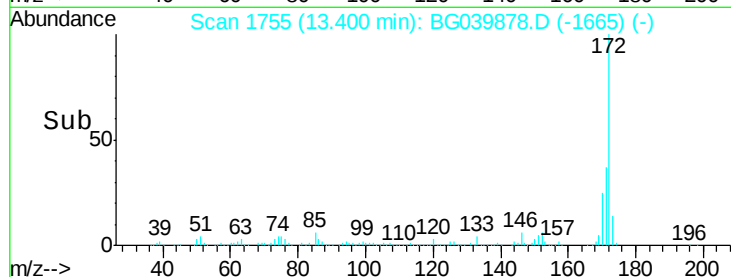
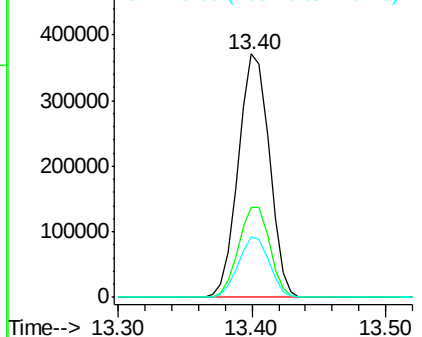
#45
 2-Fluorobiphenyl
 Concen: 75.304 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Tgt Ion:172 Resp: 596827
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 25.1 20.2 30.4

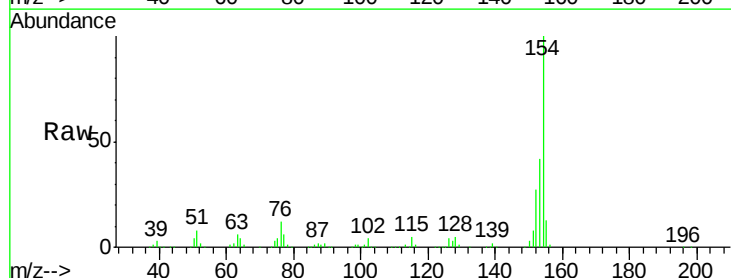


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

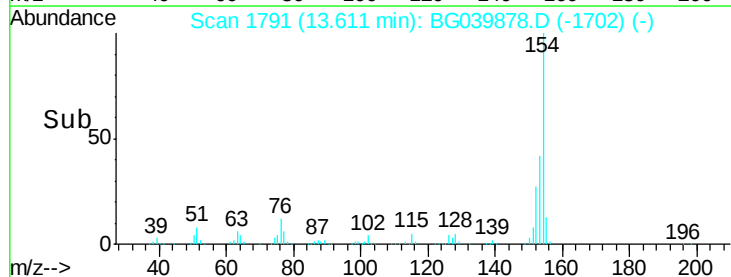
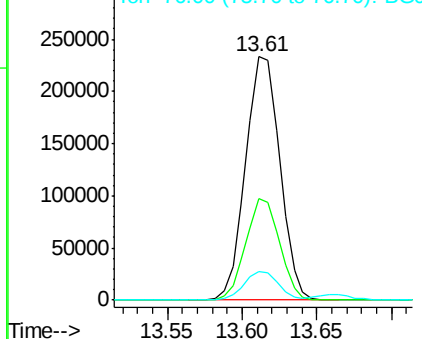


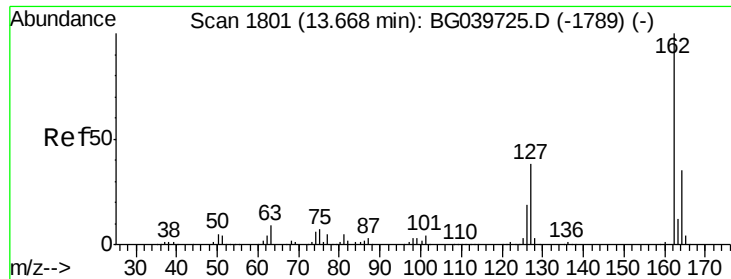
#46
 1,1'-Biphenyl
 Concen: 39.843 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion:154 Resp: 369801
 Ion Ratio Lower Upper
 154 100
 153 41.9 22.1 62.1
 76 11.6 0.0 32.4



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

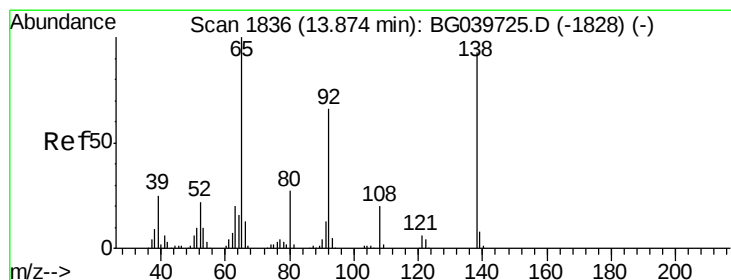
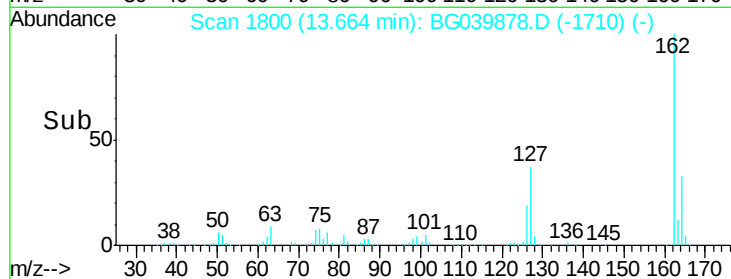
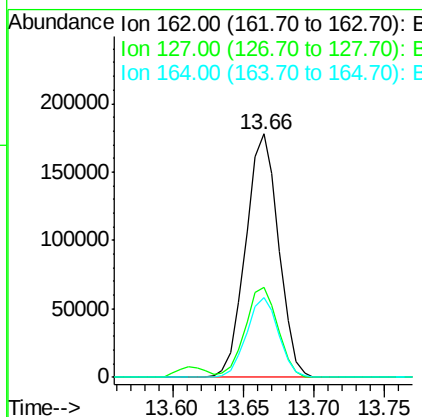
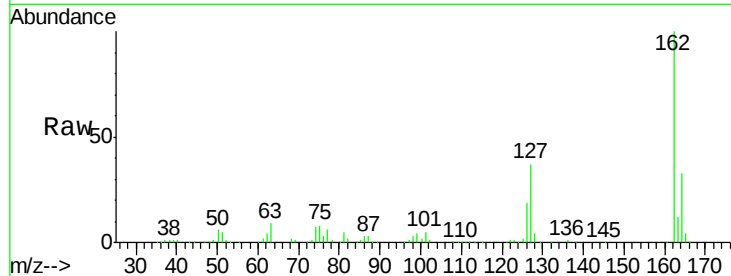




#47
2-Chloronaphthalene
Concen: 41.563 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

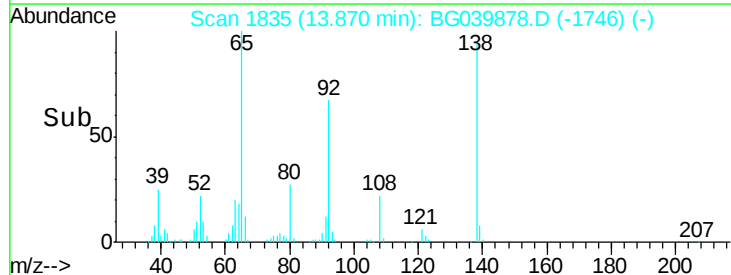
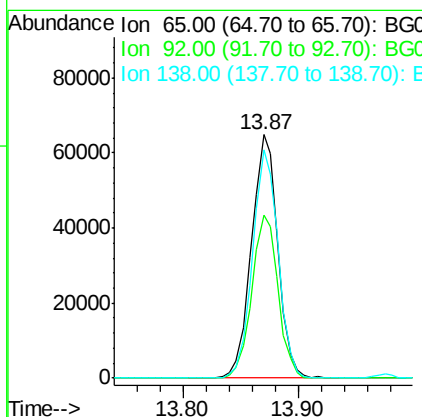
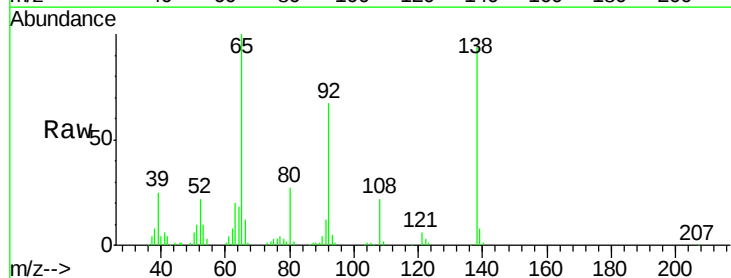
Instrument :
BNA_G
ClientSampleId :
PB117829BSD

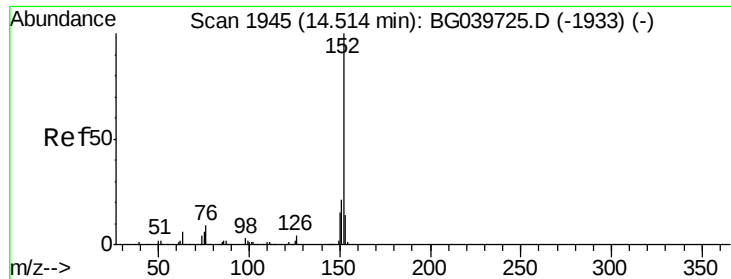
Tgt Ion: 162 Resp: 290208
Ion Ratio Lower Upper
162 100
127 37.2 31.0 46.6
164 32.8 25.7 38.5



#48
2-Nitroaniline
Concen: 45.790 ng
RT: 13.87 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion: 65 Resp: 102749
Ion Ratio Lower Upper
65 100
92 66.8 51.4 77.2
138 93.5 71.4 107.2





#49

Acenaphthylene

Concen: 40.274 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

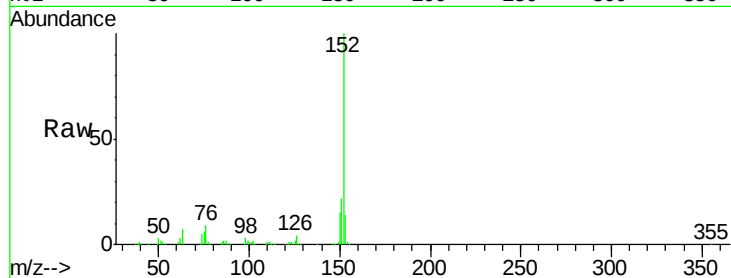
Tgt Ion:152 Resp: 461636

Ion Ratio Lower Upper

152 100

151 21.6 16.8 25.2

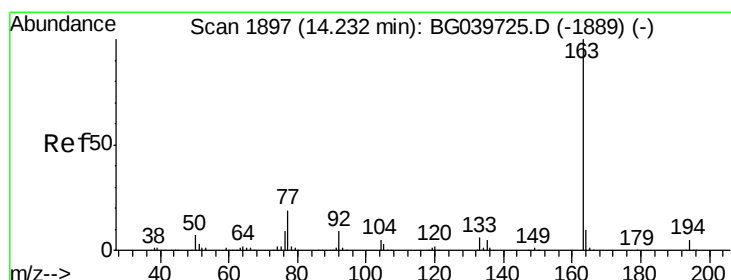
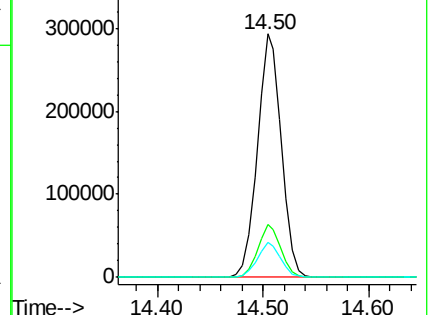
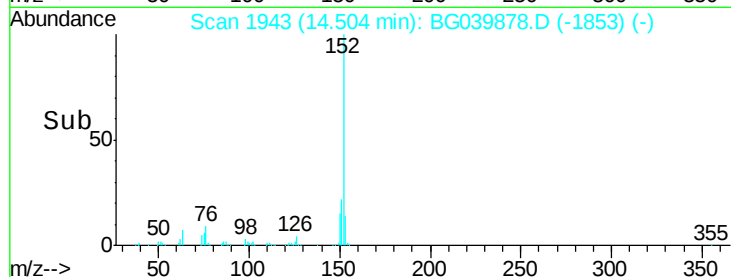
153 14.4 11.7 17.5



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: 41.250 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

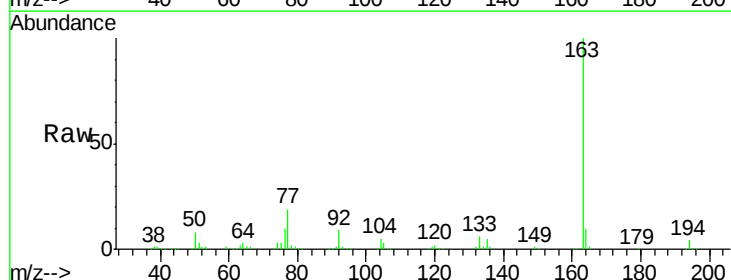
Tgt Ion:163 Resp: 389235

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

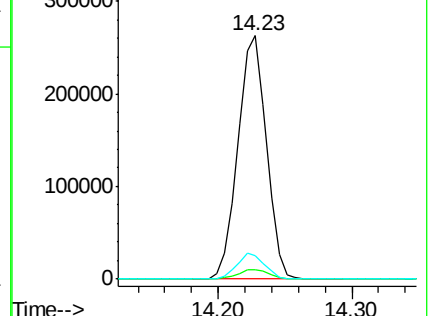
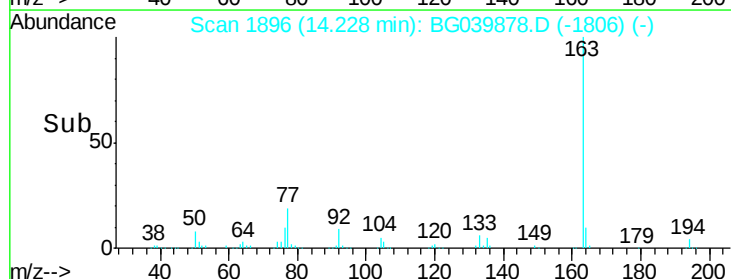
164 9.8 8.4 12.6



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

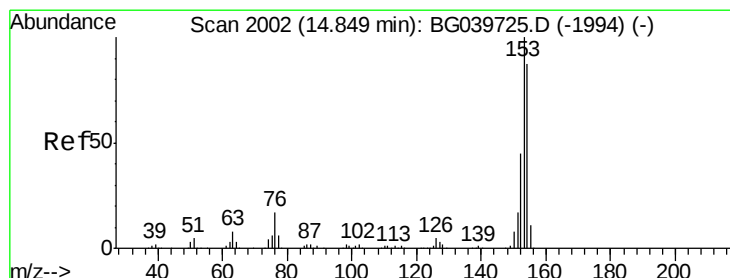
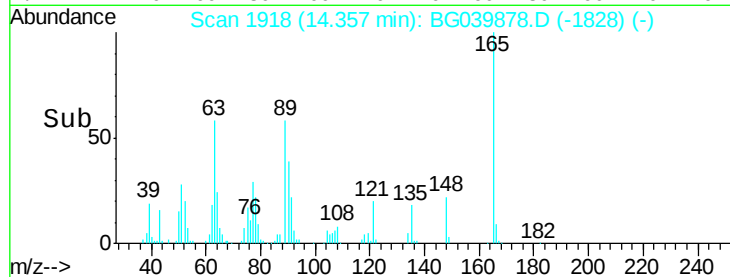
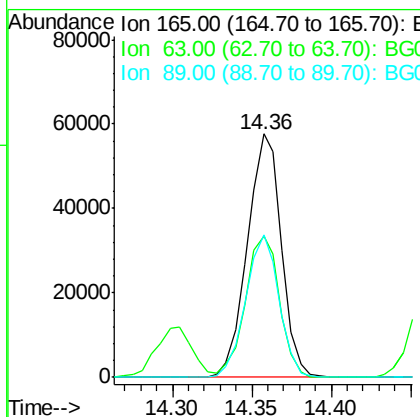
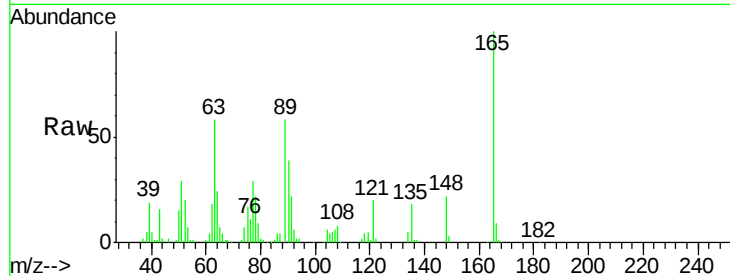




#51
 2,6-Dinitrotoluene
 Concen: 42.821 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

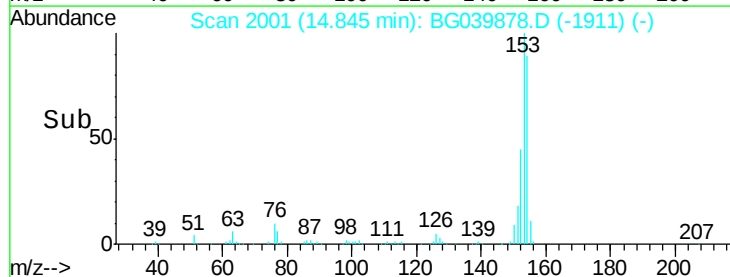
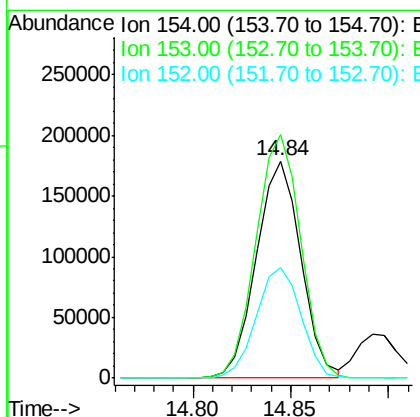
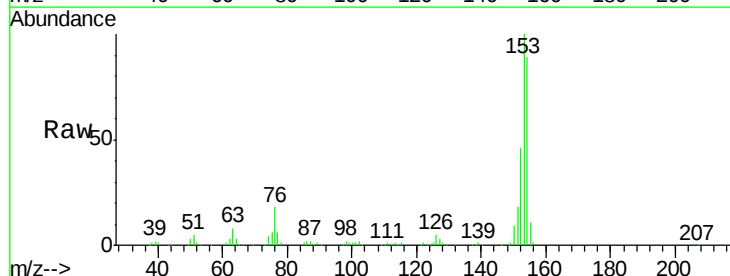
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Tgt Ion:165 Resp: 85659
 Ion Ratio Lower Upper
 165 100
 63 58.2 47.0 70.6
 89 58.3 45.8 68.8



#52
 Acenaphthene
 Concen: 40.842 ng
 RT: 14.84 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion:154 Resp: 281762
 Ion Ratio Lower Upper
 154 100
 153 112.2 90.1 135.1
 152 51.1 40.9 61.3





#53

3-Nitroaniline

Concen: 29.838 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

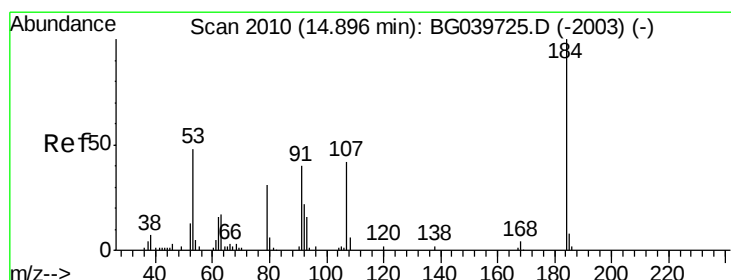
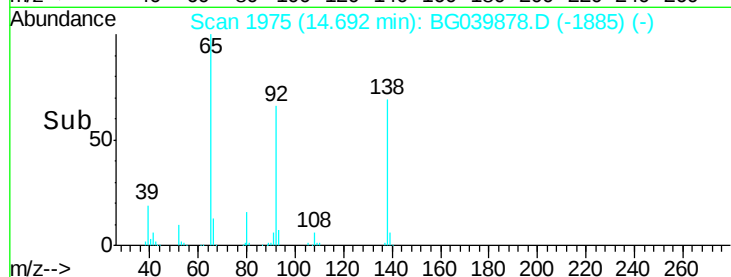
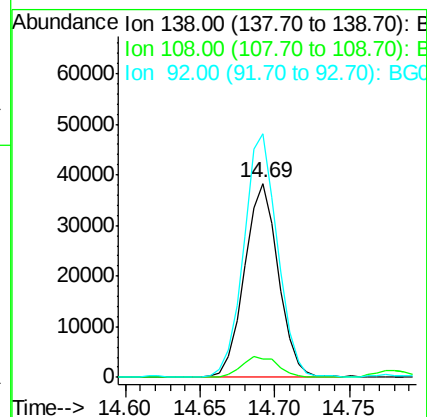
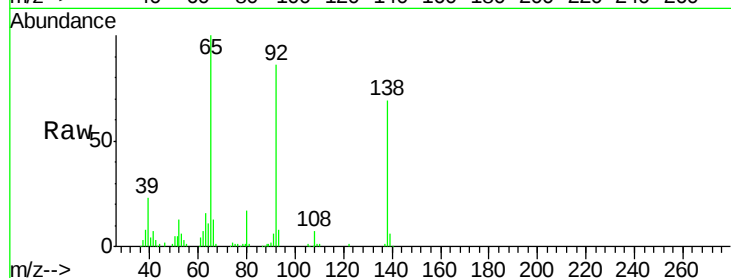
Tgt Ion:138 Resp: 60000

Ion Ratio Lower Upper

138 100

108 9.7 13.8 20.8#

92 125.6 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 72.204 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

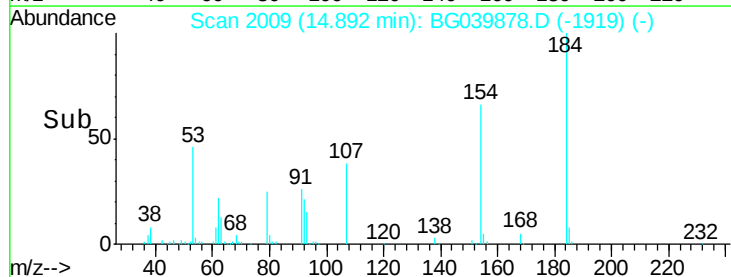
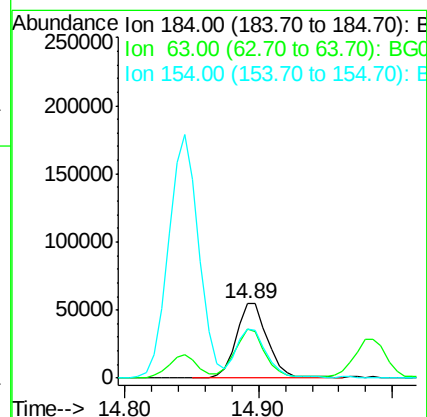
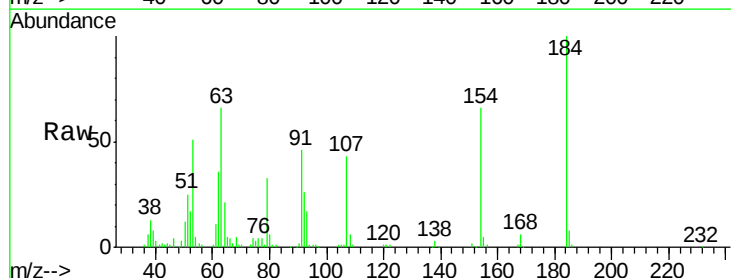
Tgt Ion:184 Resp: 90396

Ion Ratio Lower Upper

184 100

63 66.3 50.9 76.3

154 65.9 53.0 79.6





#55

Dibenzenofuran

Concen: 41.303 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

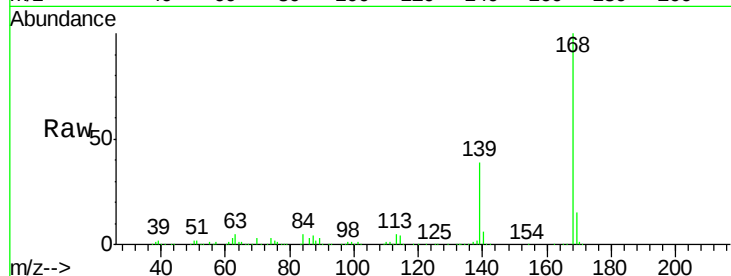
Tgt Ion:168 Resp: 467502

Ion Ratio Lower Upper

168 100

139 38.7 30.1 45.1

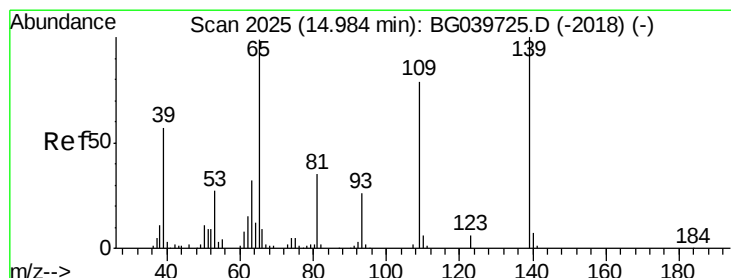
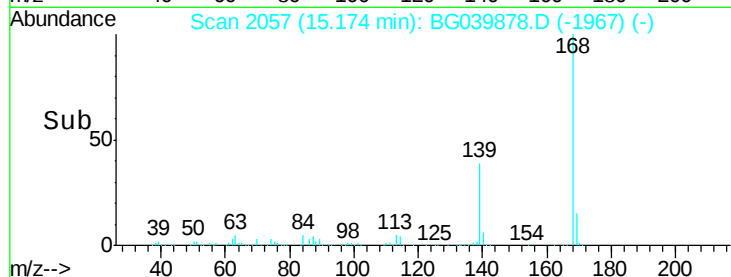
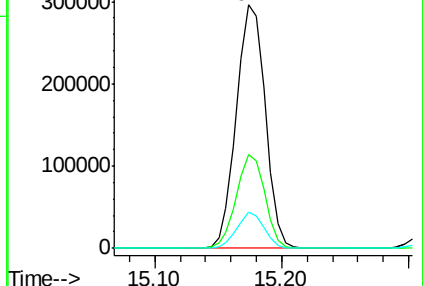
169 14.7 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 83.201 ng

RT: 14.99 min Scan# 2025

Delta R.T. 0.01 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

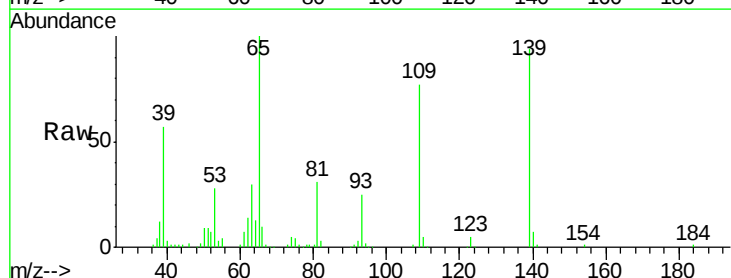
Tgt Ion:139 Resp: 149664

Ion Ratio Lower Upper

139 100

109 82.0 61.9 101.9

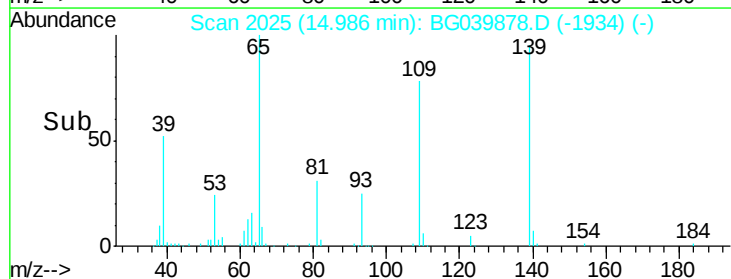
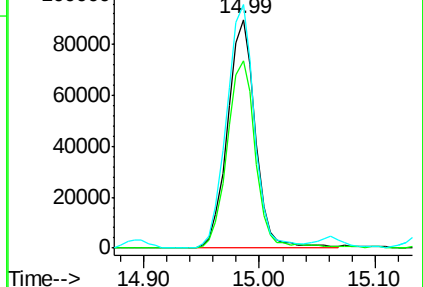
65 106.4 99.1 139.1

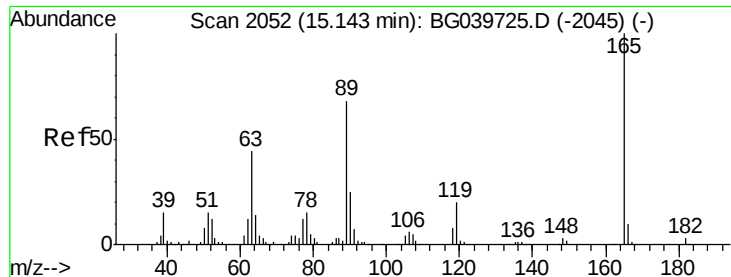


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

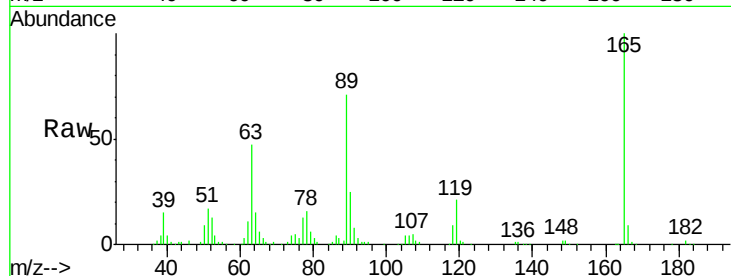




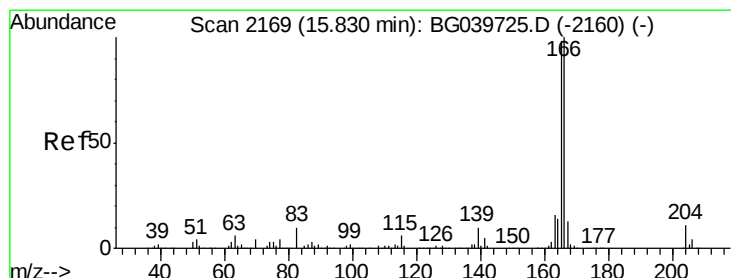
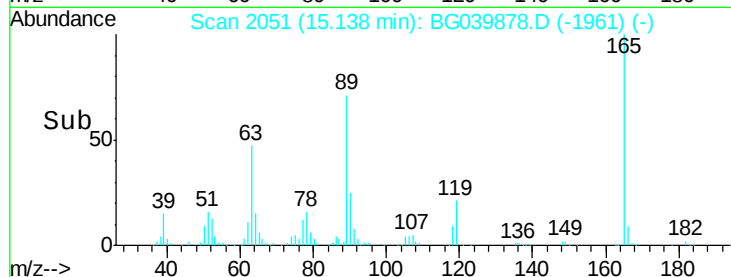
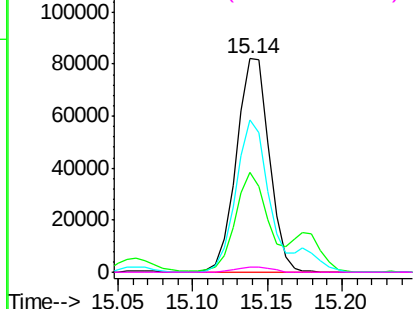
#57
2,4-Dinitrotoluene
Concen: 44.666 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion:	165	Resp:	125547
Ion	Ratio	Lower	Upper
165	100		
63	46.6	41.0	61.6
89	71.1	64.6	96.8
182	2.3	2.0	3.0

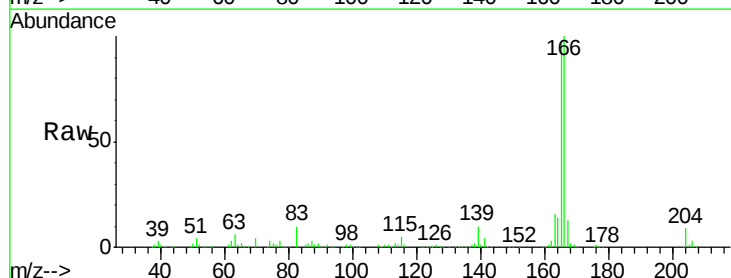


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

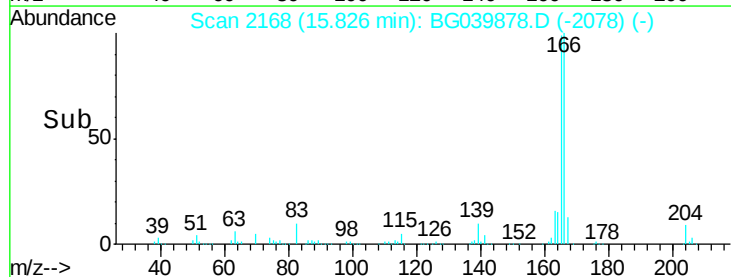
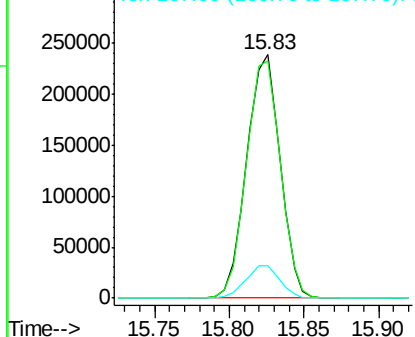


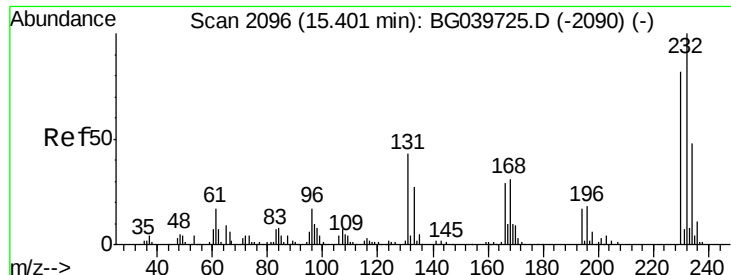
#58
Fluorene
Concen: 41.579 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion:	166	Resp:	369976
Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.9	116.9
167	13.2	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

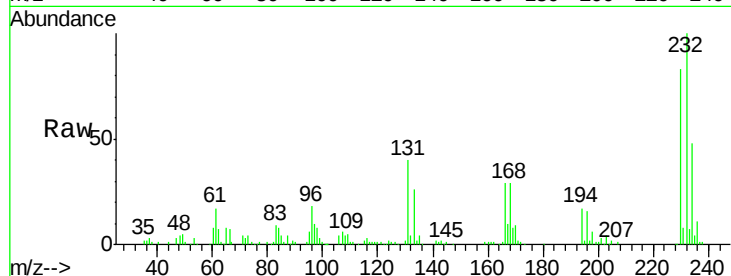




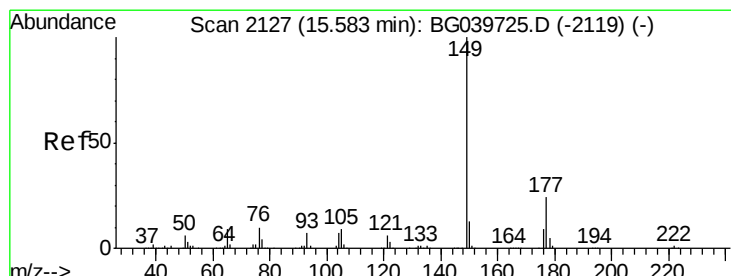
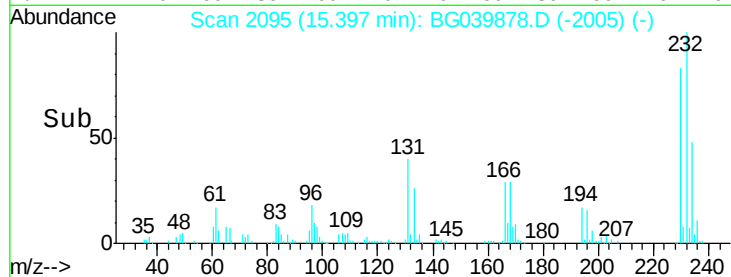
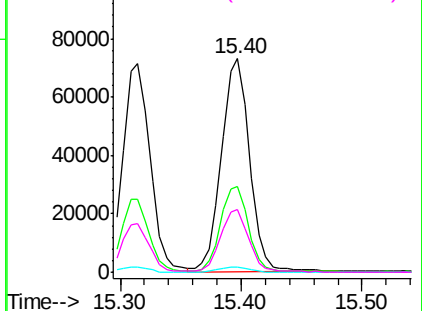
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.021 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Tgt Ion: 232 Resp: 118315
 Ion Ratio Lower Upper
 232 100
 131 39.3 34.9 52.3
 130 2.5 2.0 3.0
 166 29.4 24.1 36.1

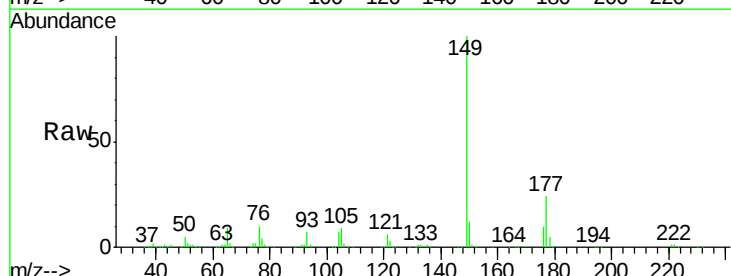


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

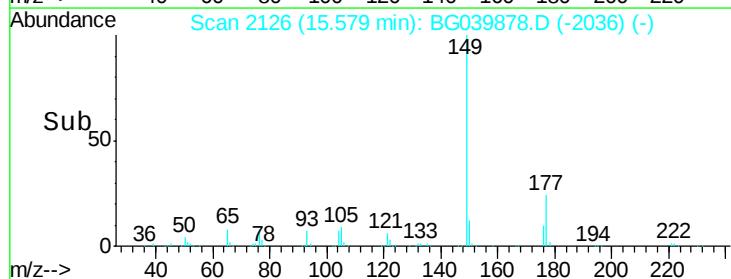
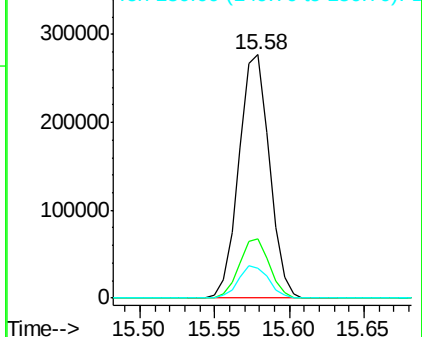


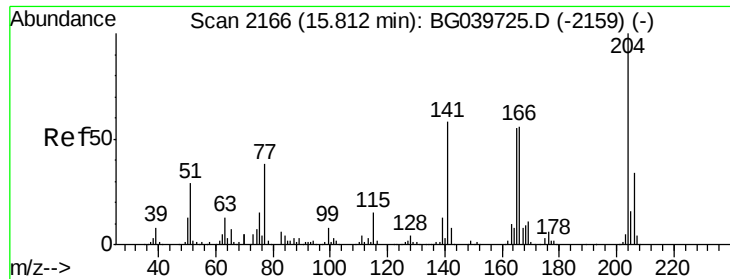
#60
 Diethylphthalate
 Concen: 42.028 ng
 RT: 15.58 min Scan# 2126
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion: 149 Resp: 392588
 Ion Ratio Lower Upper
 149 100
 177 24.3 18.3 27.5
 150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

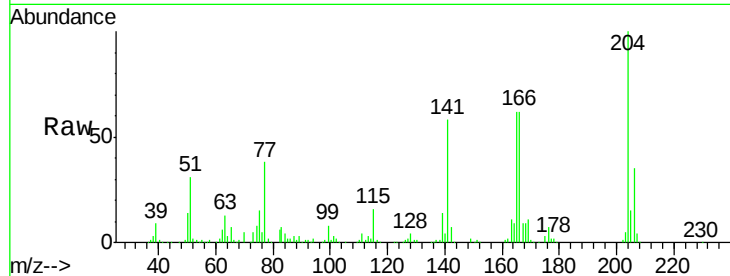




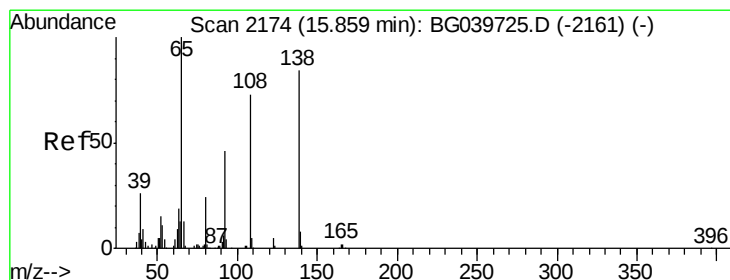
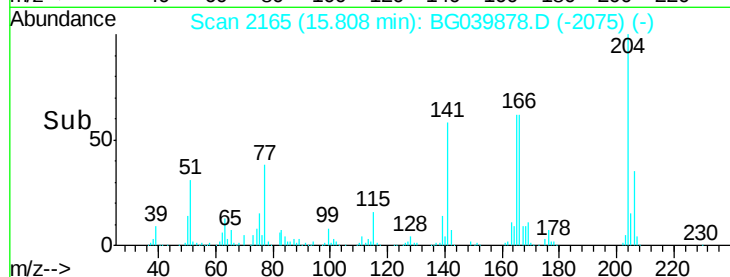
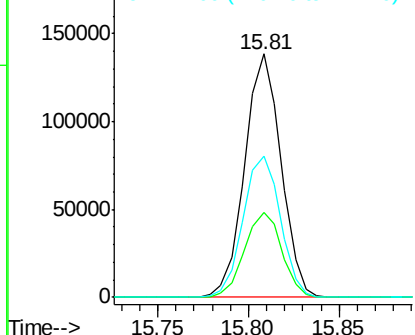
#61
4-Chlorophenyl-phenylether
Concen: 40.541 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion:204 Resp: 192502
Ion Ratio Lower Upper
204 100
206 35.1 29.2 43.8
141 58.2 49.0 73.4

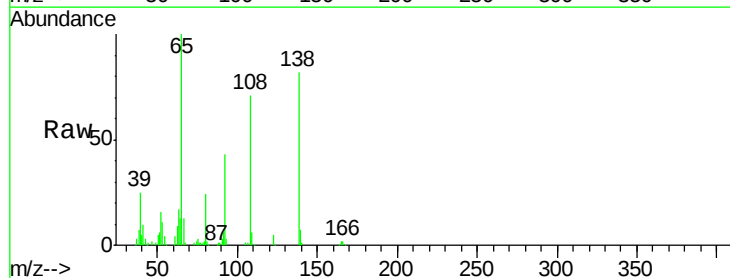


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

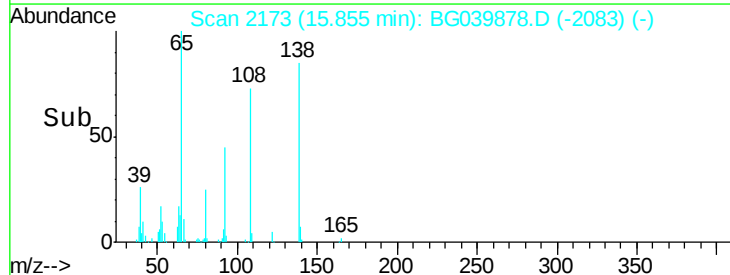
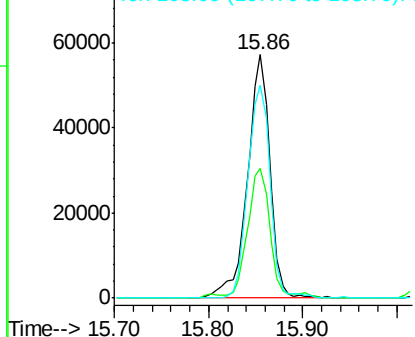


#62
4-Nitroaniline
Concen: 43.455 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion:138 Resp: 94731
Ion Ratio Lower Upper
138 100
92 53.0 38.7 78.7
108 87.3 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

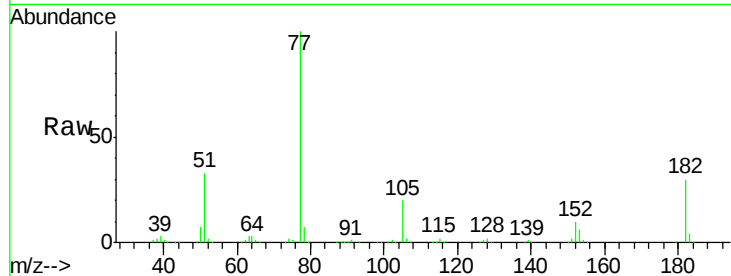




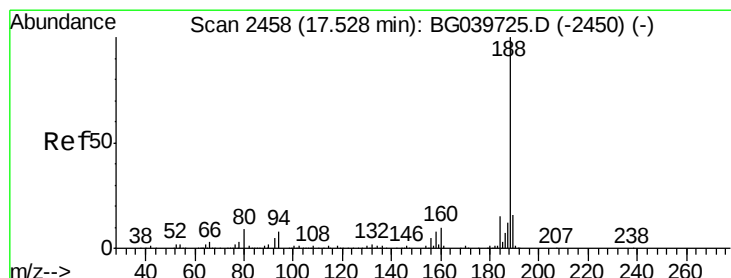
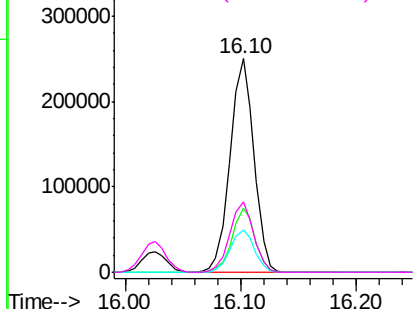
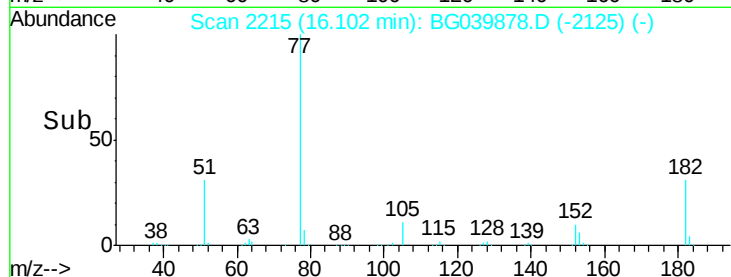
#63
Azobenzene
Concen: 42.134 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion: 77 Resp: 356766
Ion Ratio Lower Upper
77 100
182 29.7 6.4 46.4
105 19.9 0.0 39.8
51 33.1 14.1 54.1

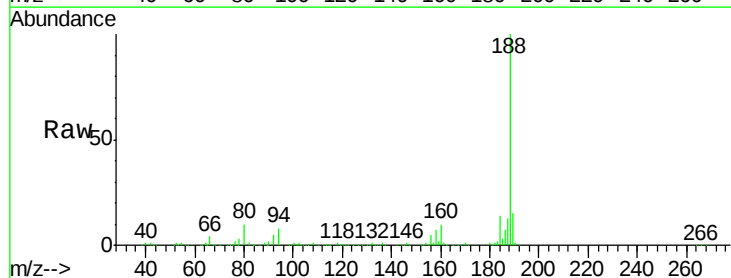


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

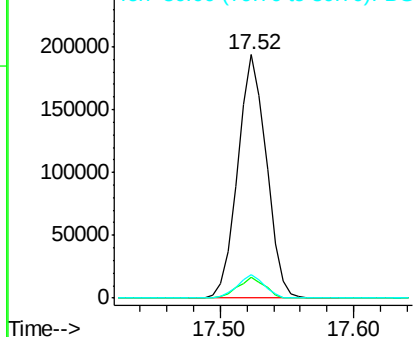
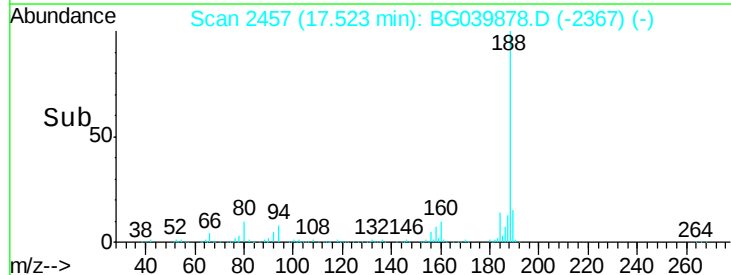


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion: 188 Resp: 286672
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.5 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

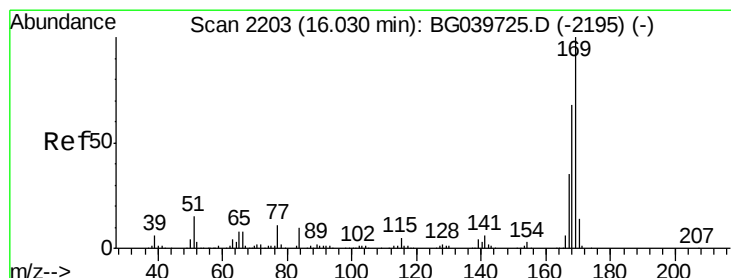
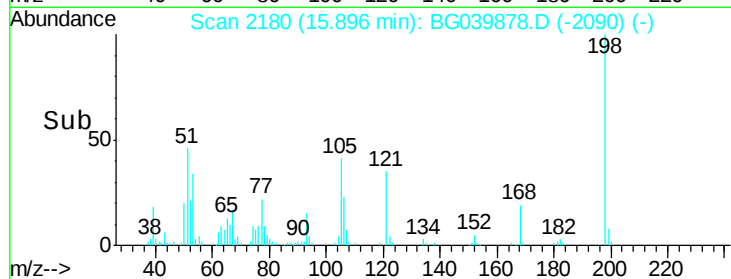
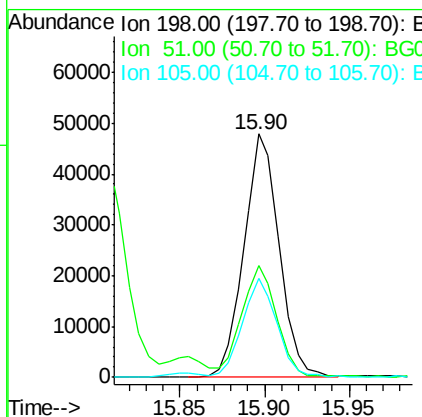
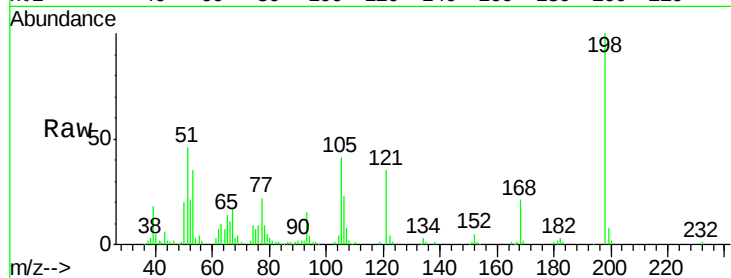




#65
 4,6-Dinitro-2-methylphenol
 Concen: 41.089 ng
 RT: 15.90 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

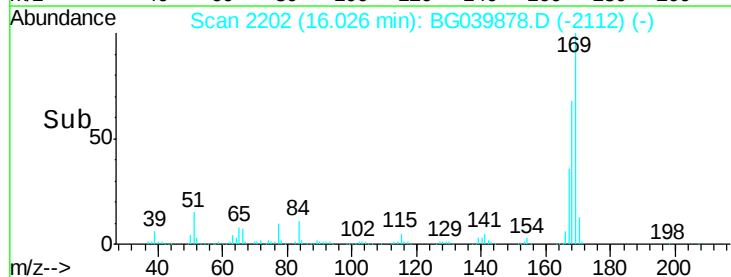
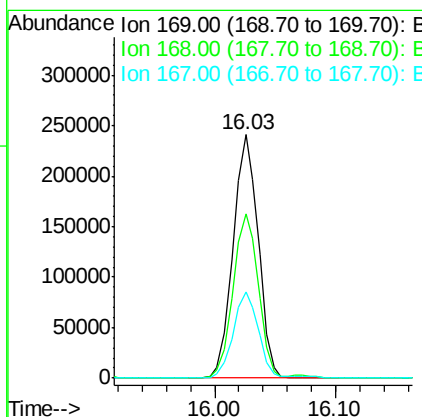
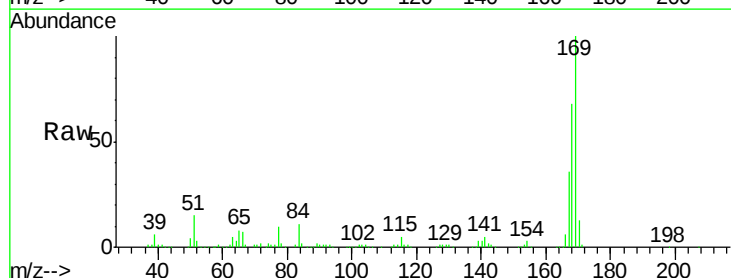
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

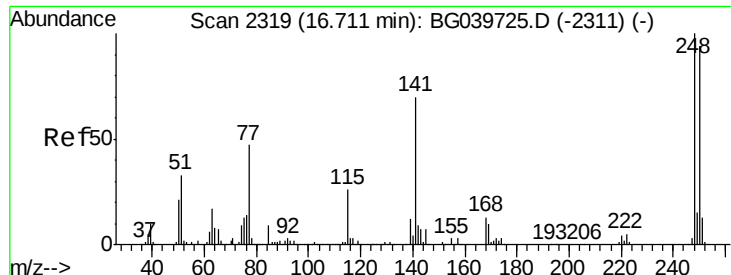
Tgt Ion:198 Resp: 69646
 Ion Ratio Lower Upper
 198 100
 51 46.0 27.4 67.4
 105 40.8 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 42.029 ng
 RT: 16.03 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion:169 Resp: 348809
 Ion Ratio Lower Upper
 169 100
 168 67.6 56.6 85.0
 167 35.5 28.8 43.2

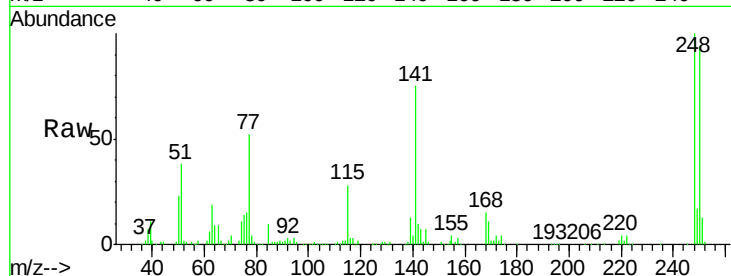




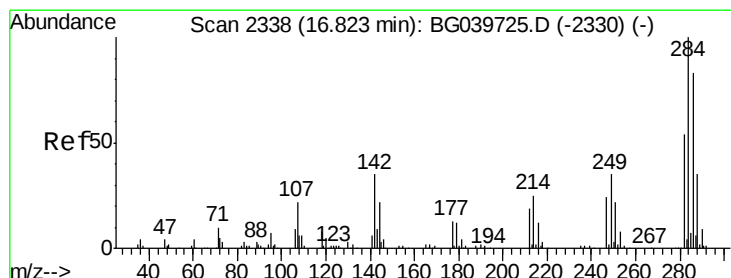
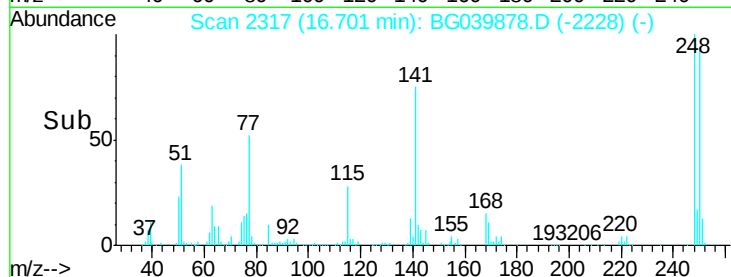
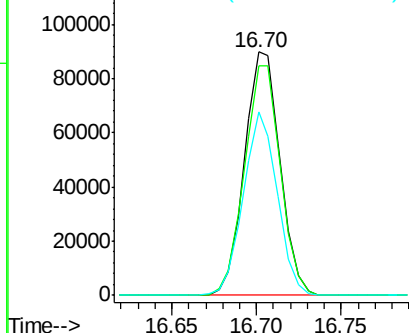
#67
4-Bromophenyl-phenylether
Concen: 40.909 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Instrument :
BNA_G
ClientSampleId :
PB117829BSD

Tgt Ion:248 Resp: 131271
Ion Ratio Lower Upper
248 100
250 94.5 77.6 116.4
141 75.1 63.9 95.9

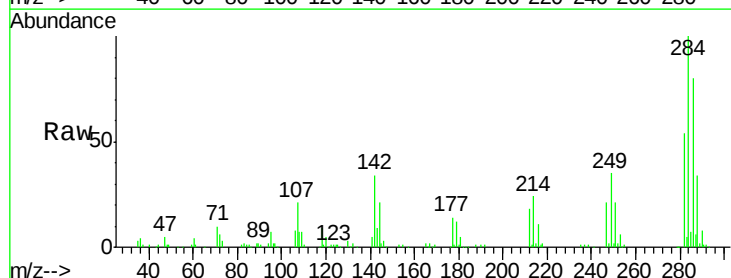


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

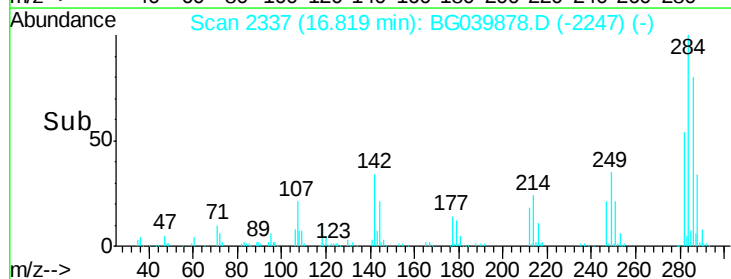
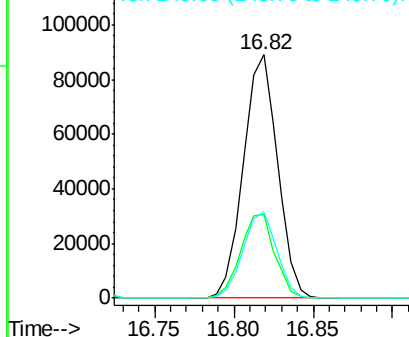


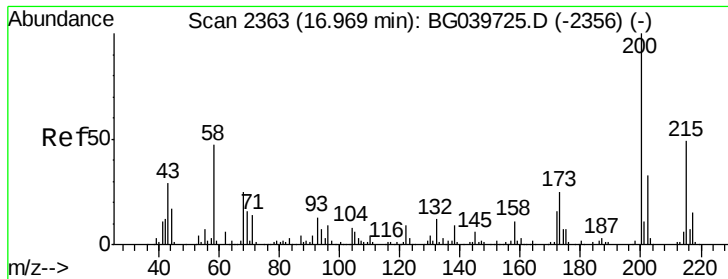
#68
Hexachlorobenzene
Concen: 40.072 ng
RT: 16.82 min Scan# 2337
Delta R.T. -0.00 min
Lab File: BG039878.D
Acq: 12 Mar 2019 17:34

Tgt Ion:284 Resp: 133287
Ion Ratio Lower Upper
284 100
142 34.1 30.6 45.8
249 35.4 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: 42.493 ng

RT: 16.97 min Scan# 2362

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

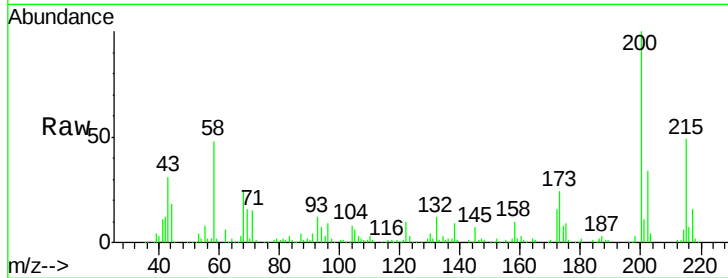
Tgt Ion:200 Resp: 138795

Ion Ratio Lower Upper

200 100

173 24.5 3.9 43.9

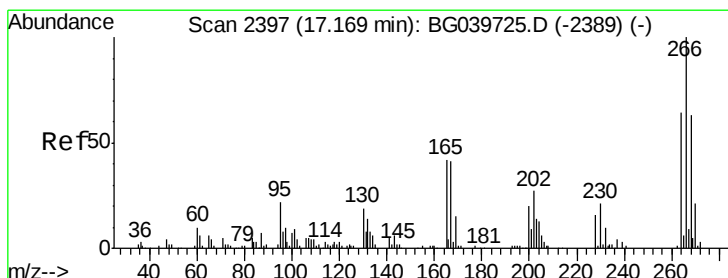
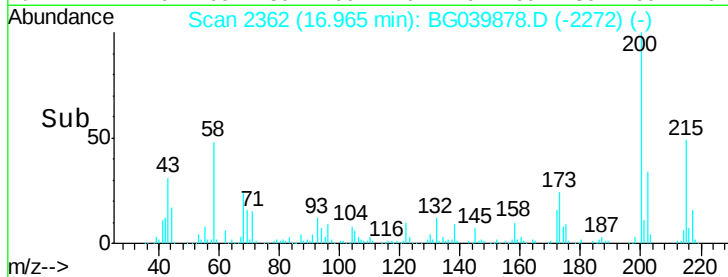
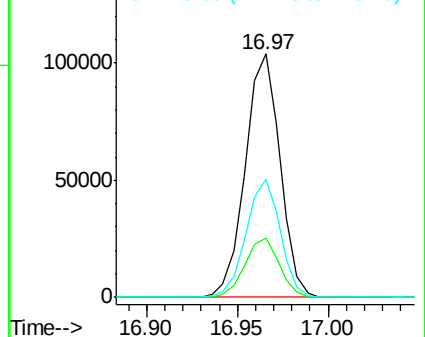
215 48.7 30.9 70.9



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: 78.836 ng

RT: 17.17 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

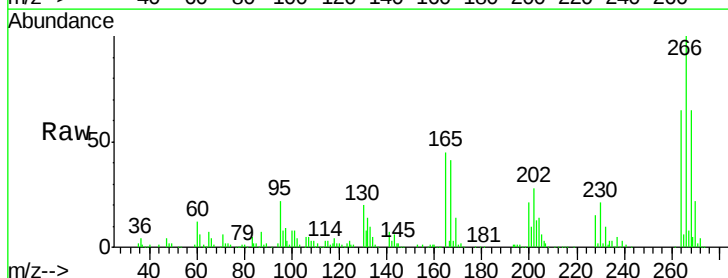
Tgt Ion:266 Resp: 165606

Ion Ratio Lower Upper

266 100

268 64.9 51.1 76.7

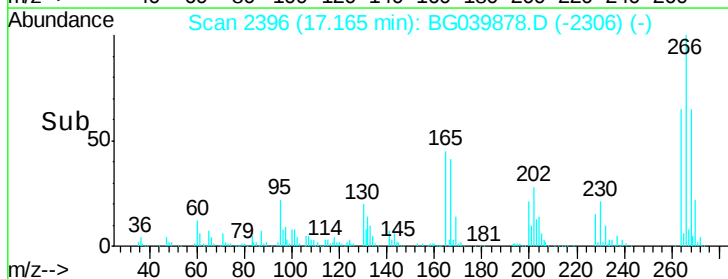
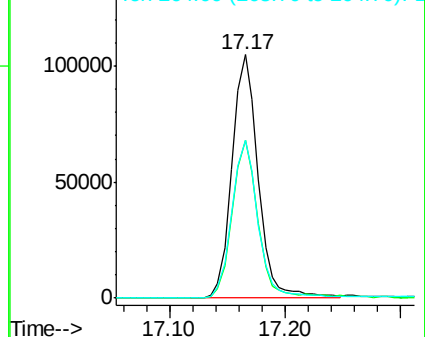
264 64.6 52.1 78.1

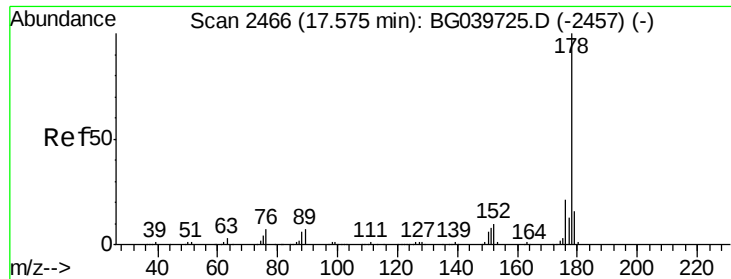


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

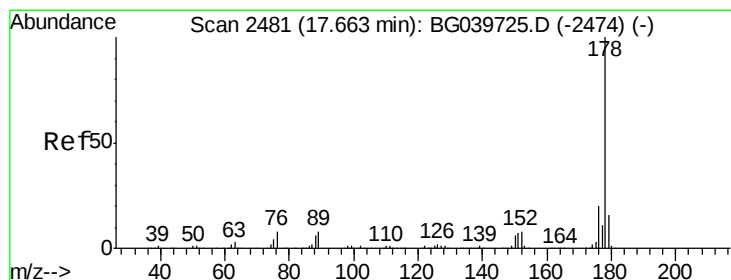
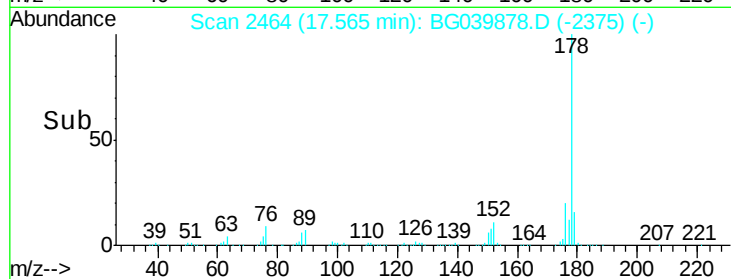
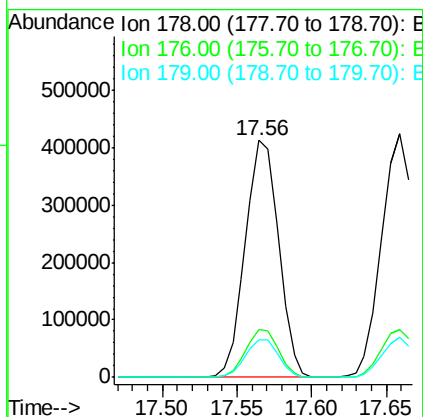
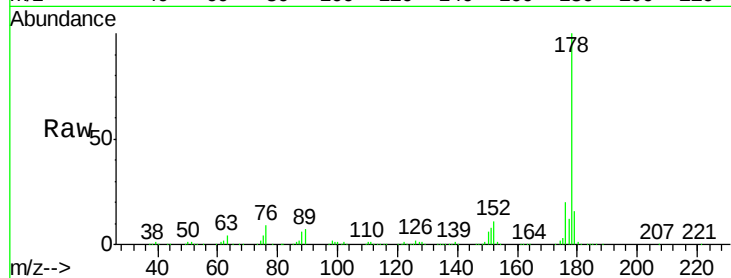




#71
 Phenanthrene
 Concen: 40.542 ng
 RT: 17.56 min Scan# 2464
 Delta R.T. -0.01 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

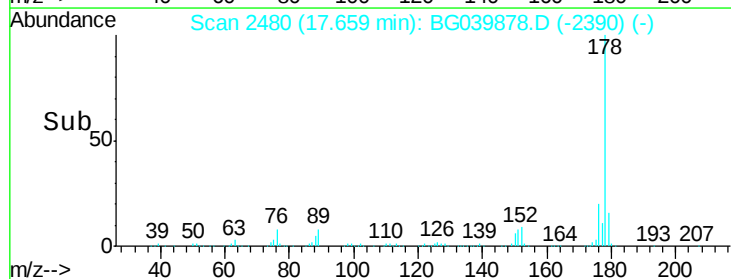
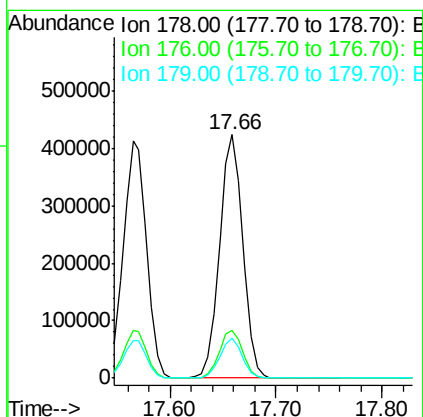
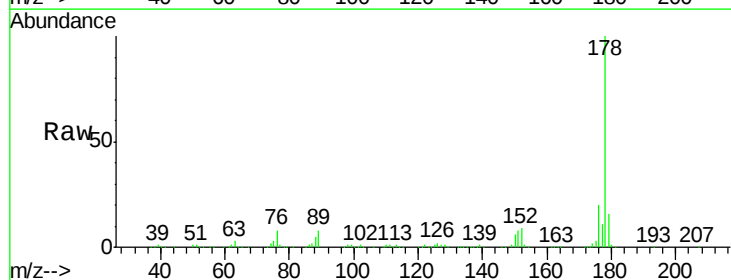
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

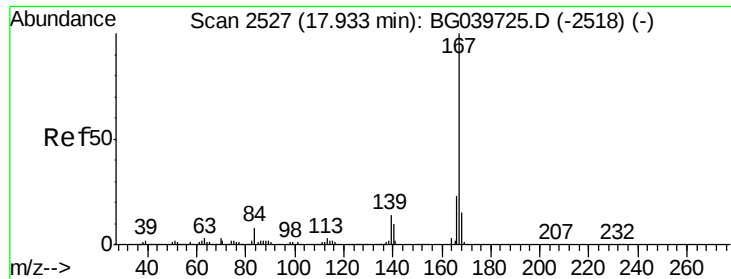
Tgt Ion:178 Resp: 640175
 Ion Ratio Lower Upper
 178 100
 176 20.3 16.2 24.4
 179 16.0 12.6 19.0



#72
 Anthracene
 Concen: 42.109 ng
 RT: 17.66 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion:178 Resp: 647955
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 16.3 12.5 18.7

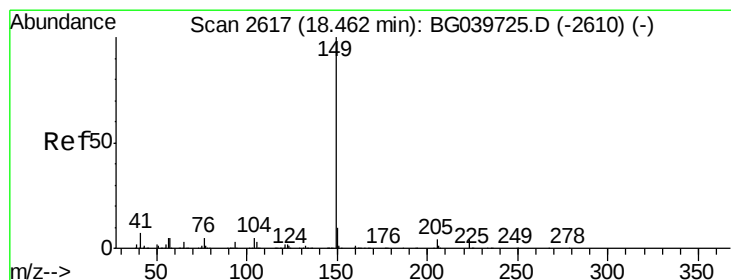
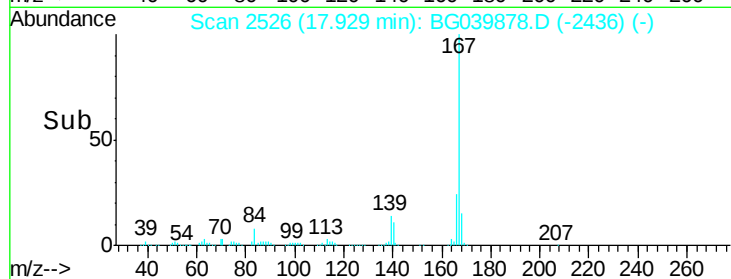
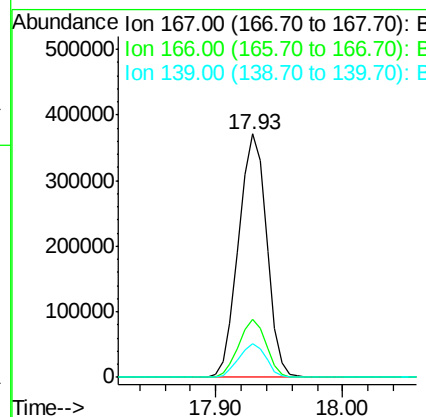
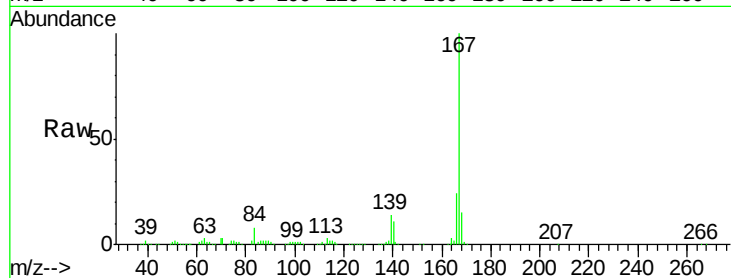




#73
 Carbazole
 Concen: 41.004 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

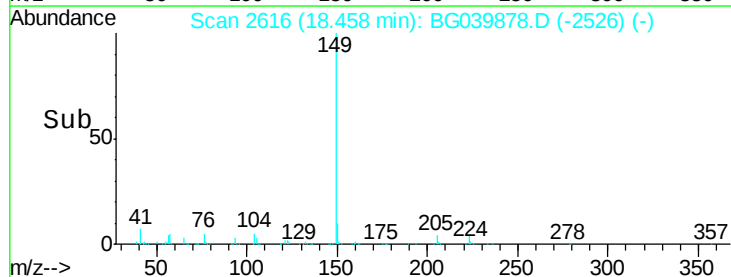
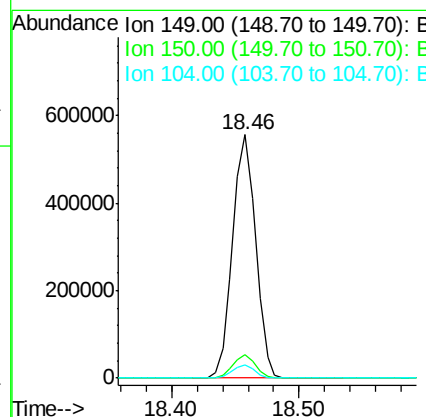
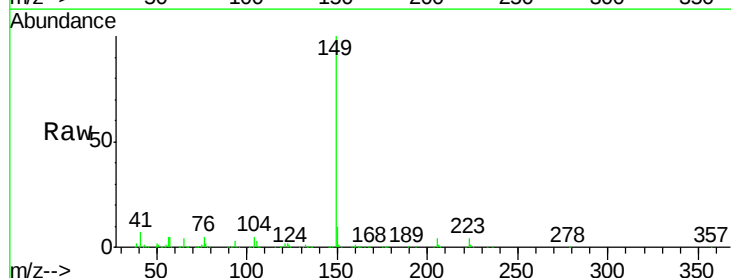
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	19.4	29.2
139	13.8	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 42.783 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.5	4.5	6.7





#75

Fluoranthene

Concen: 41.606 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

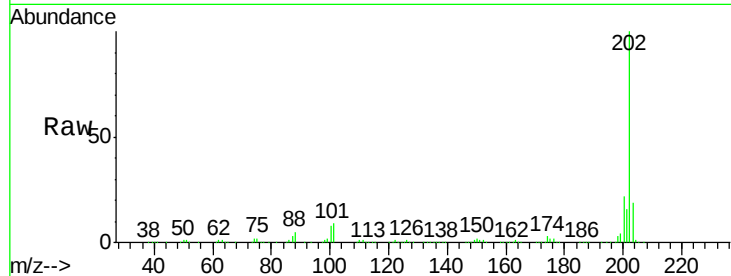
Tgt Ion: 202 Resp: 776425

Ion Ratio Lower Upper

202 100

101 9.4 0.0 30.0

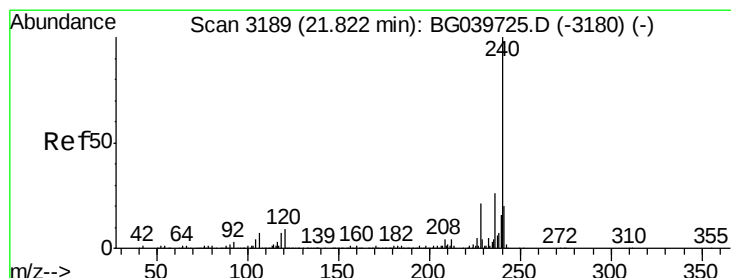
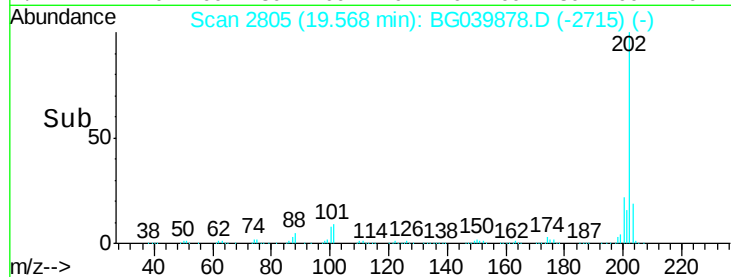
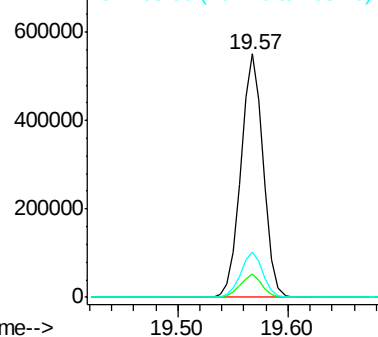
203 18.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

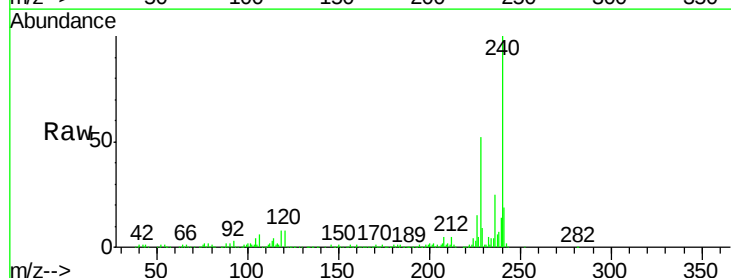
Tgt Ion: 240 Resp: 293358

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

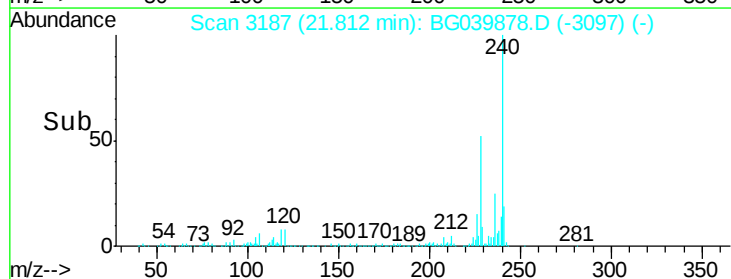
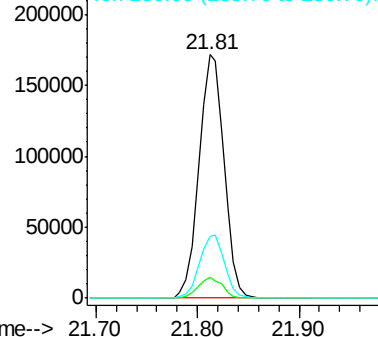
236 25.3 21.0 31.4

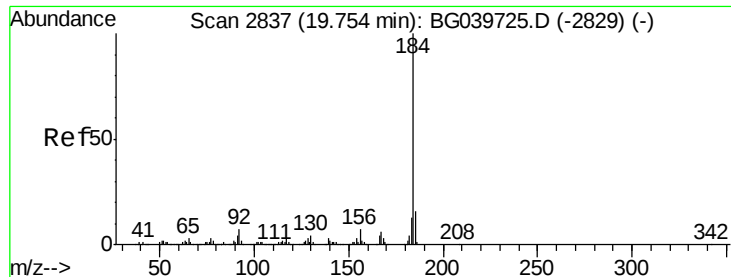


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.108 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

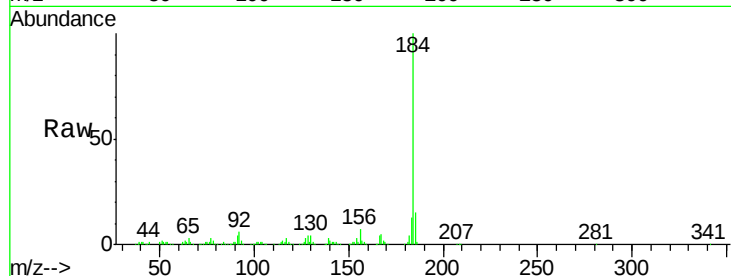
Tgt Ion:184 Resp: 280278

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

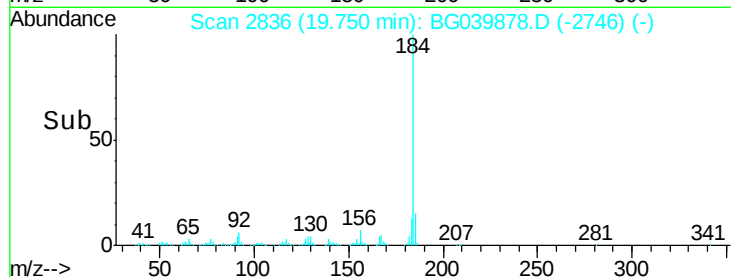
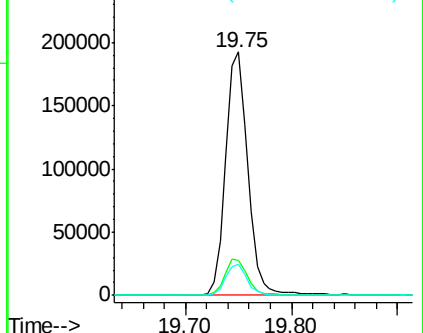
183 13.0 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.177 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

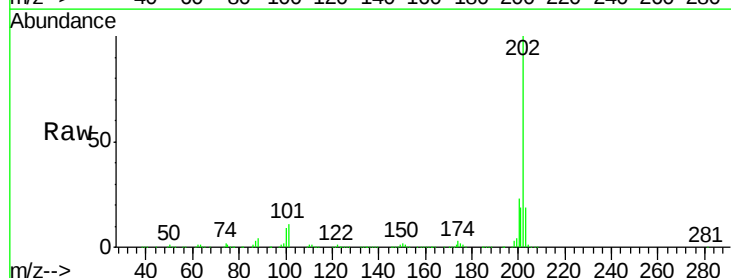
Tgt Ion:202 Resp: 784949

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.8

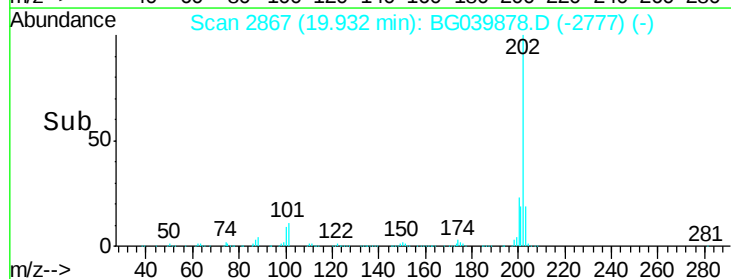
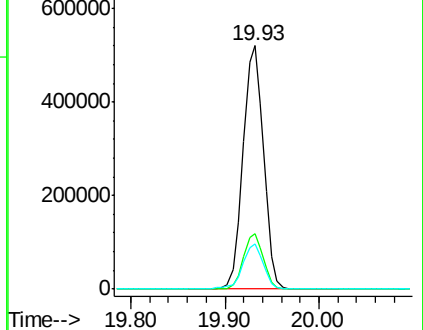
203 18.5 15.3 22.9

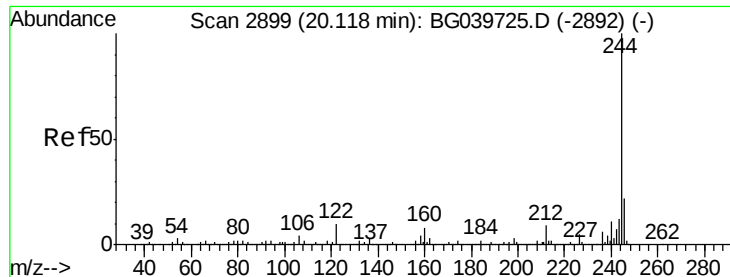


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.642 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

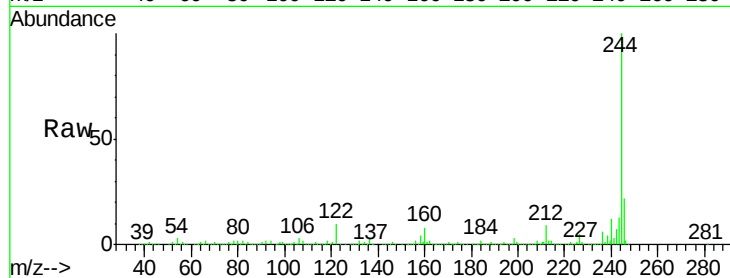
Tgt Ion:244 Resp: 1047794

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

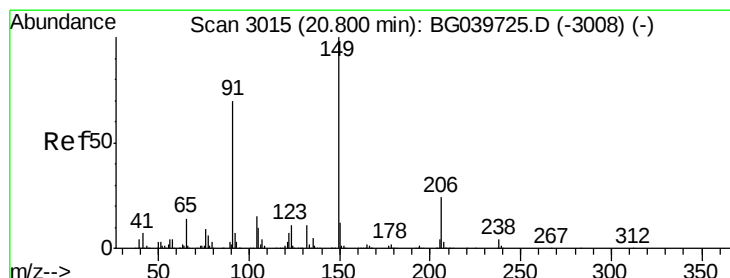
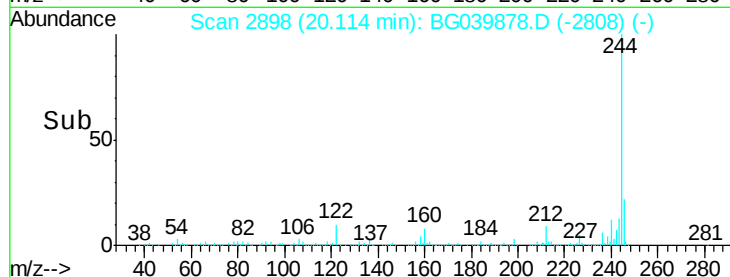
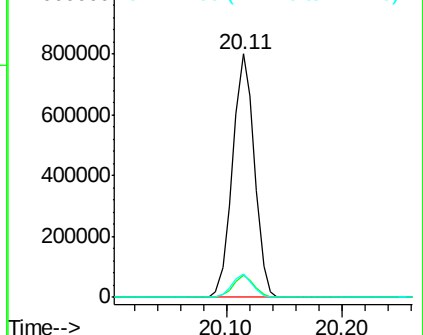
122 9.7 8.4 12.6



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: 44.400 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

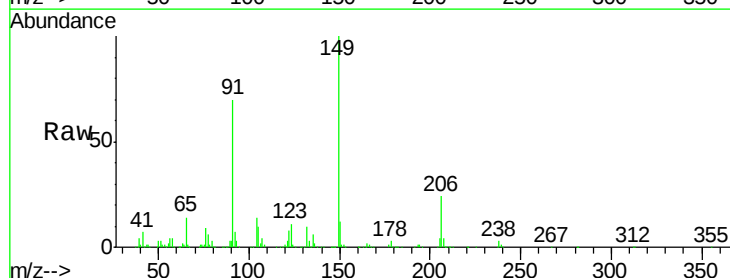
Tgt Ion:149 Resp: 327908

Ion Ratio Lower Upper

149 100

91 69.9 59.5 89.3

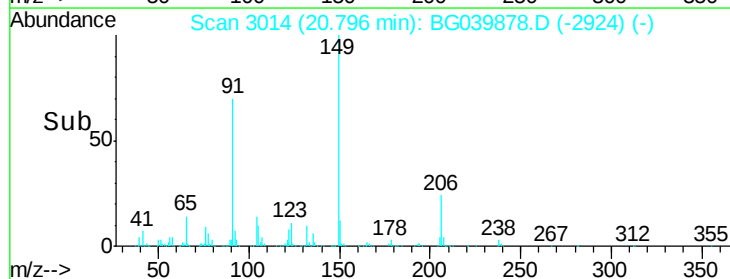
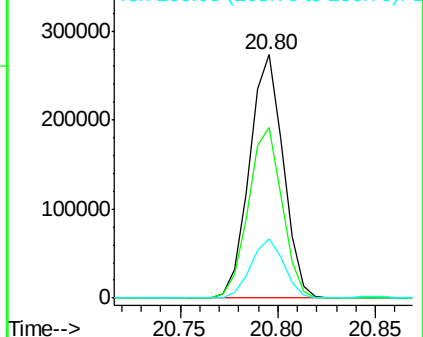
206 24.1 18.6 27.8



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: 40.649 ng

RT: 21.79 min Scan# 3184

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

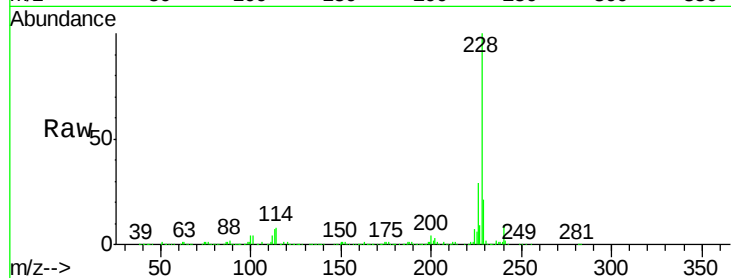
Tgt Ion:228 Resp: 747349

Ion Ratio Lower Upper

228 100

226 29.2 23.0 34.6

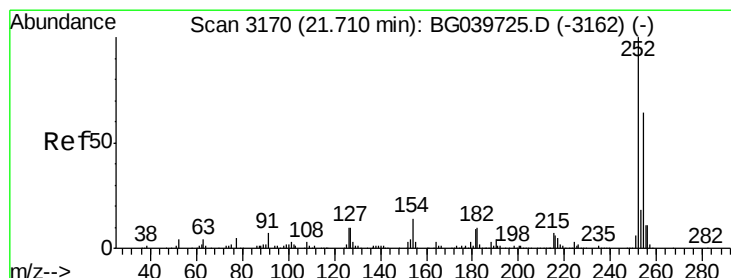
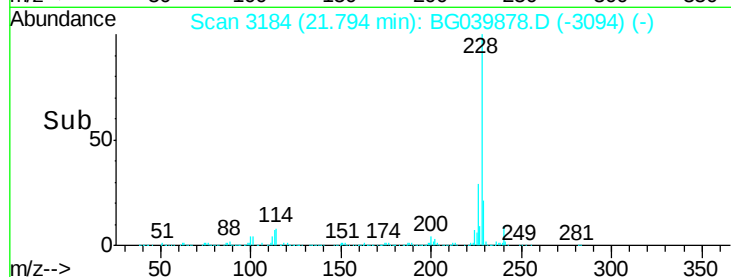
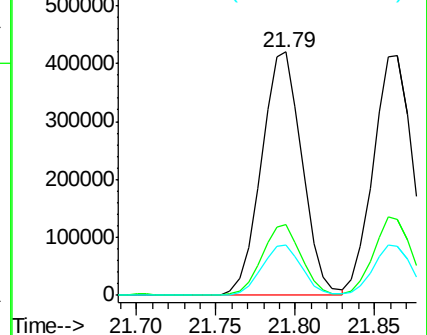
229 20.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 27.598 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

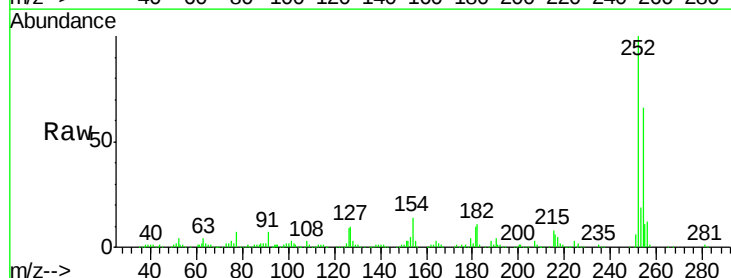
Tgt Ion:252 Resp: 185250

Ion Ratio Lower Upper

252 100

254 65.5 51.3 76.9

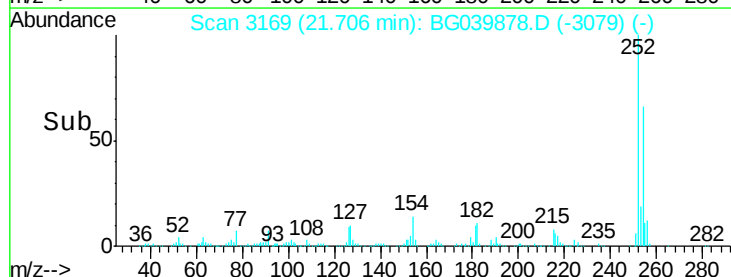
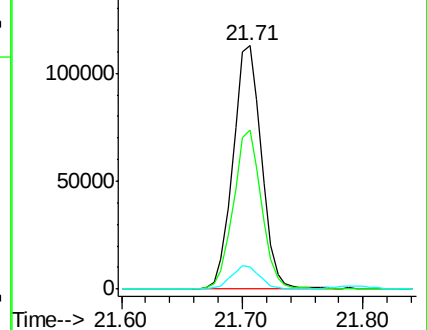
126 9.3 8.0 12.0

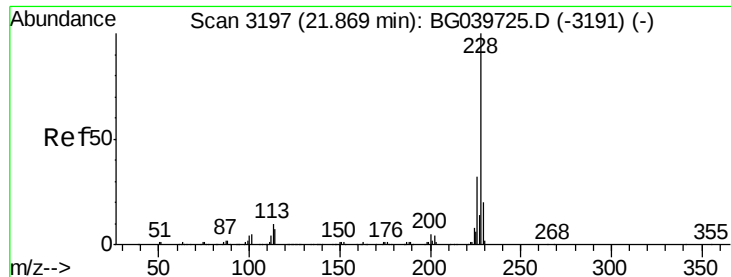


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.914 ng

RT: 21.86 min Scan# 3196

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

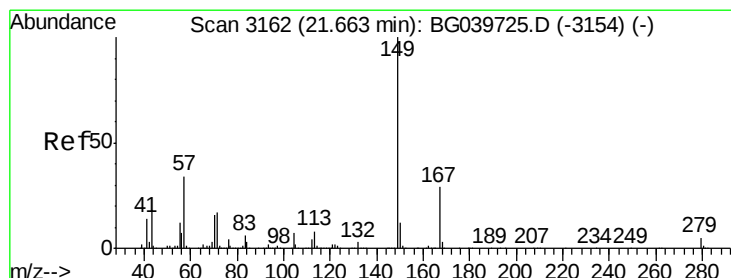
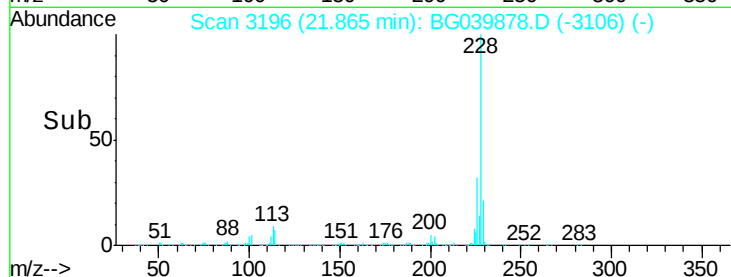
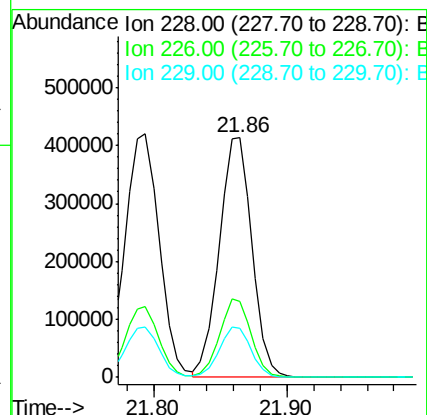
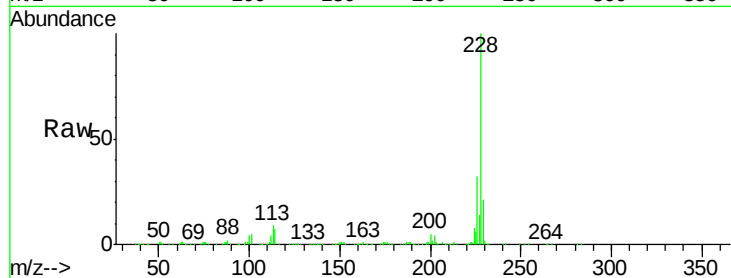
Tgt Ion:228 Resp: 711441

Ion Ratio Lower Upper

228 100

226 31.5 25.8 38.6

229 20.5 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.718 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

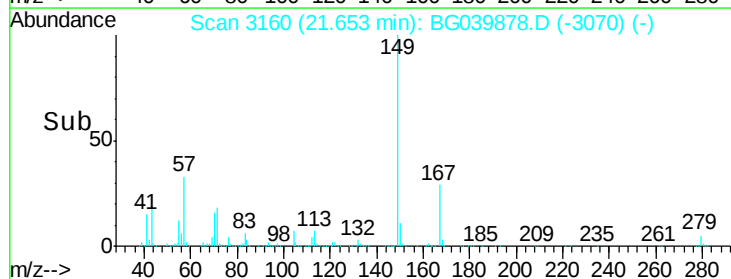
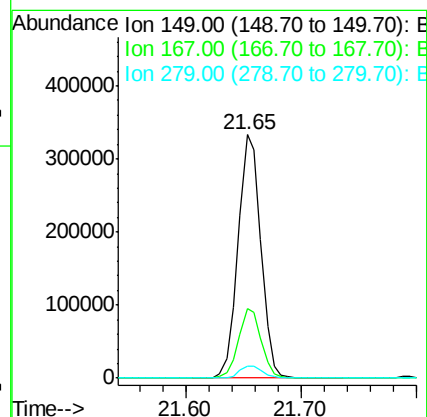
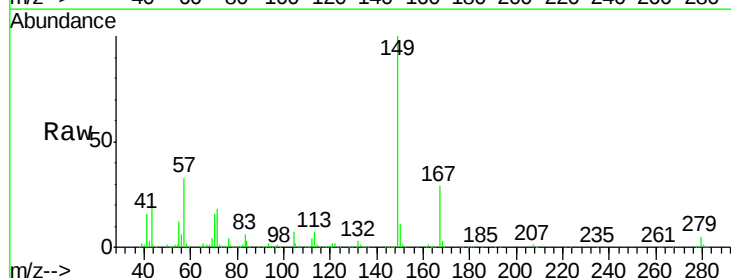
Tgt Ion:149 Resp: 453709

Ion Ratio Lower Upper

149 100

167 28.6 22.6 34.0

279 5.0 3.5 5.3

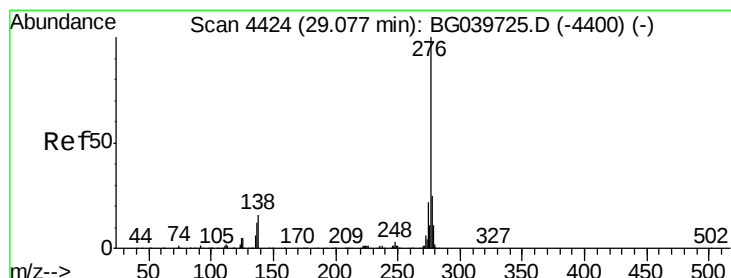
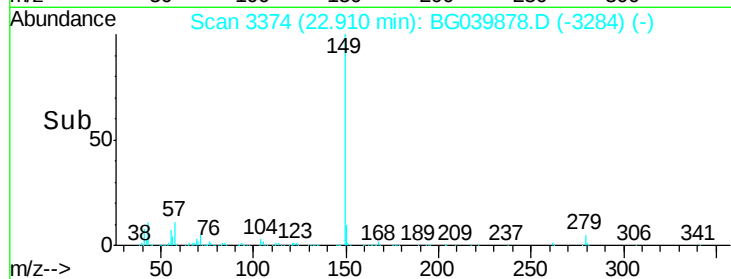
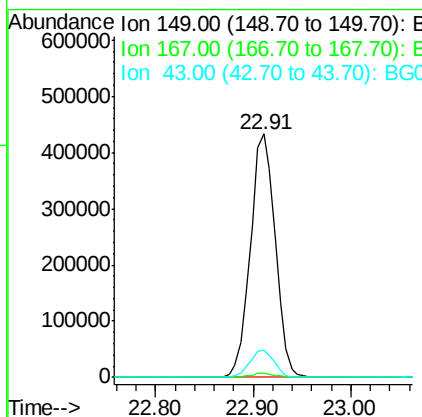
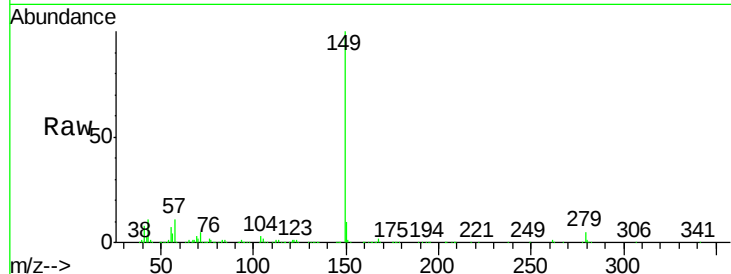




#85
 Di-n-octyl phthalate
 Concen: 44.695 ng
 RT: 22.91 min Scan# 3374
 Delta R.T. -0.00 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

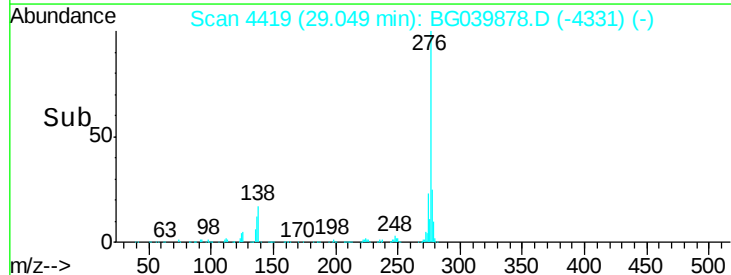
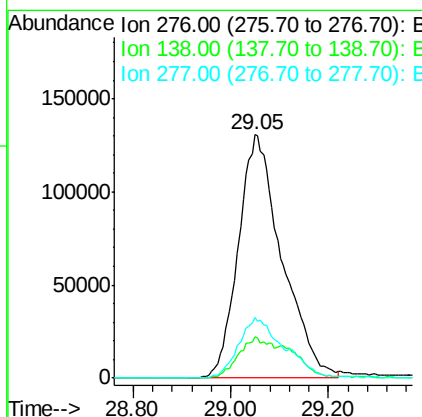
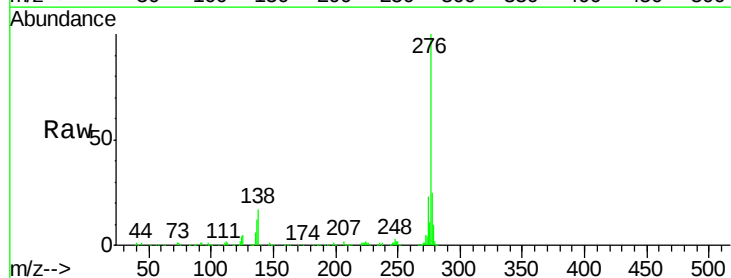
Instrument :
 BNA_G
 ClientSampleId :
 PB117829BSD

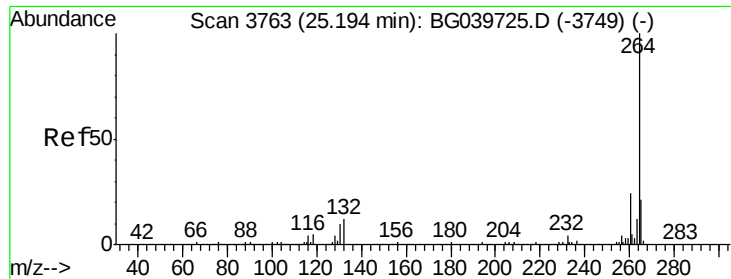
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.9	10.2	15.4



#86
 Indeno(1,2,3-cd)pyrene
 Concen: 40.078 ng
 RT: 29.05 min Scan# 4419
 Delta R.T. -0.01 min
 Lab File: BG039878.D
 Acq: 12 Mar 2019 17:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	12.6	19.0#
277	26.0	20.8	31.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.18 min Scan# 3760

Delta R.T. -0.01 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

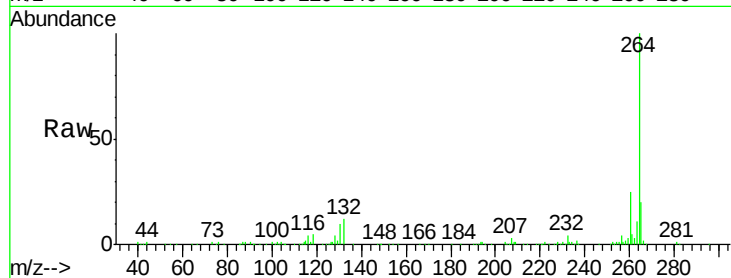
Tgt Ion:264 Resp: 276001

Ion Ratio Lower Upper

264 100

260 25.2 18.2 27.4

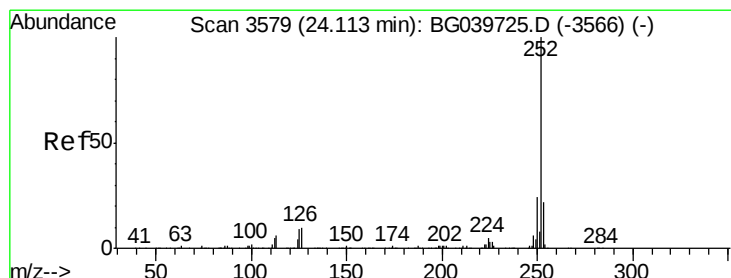
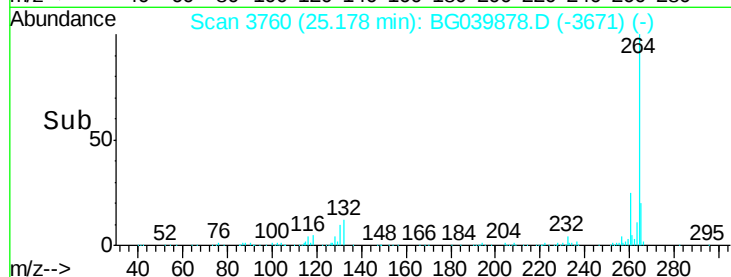
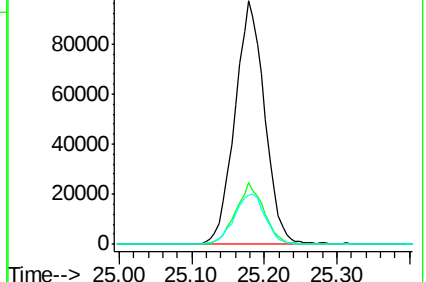
265 20.2 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.431 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

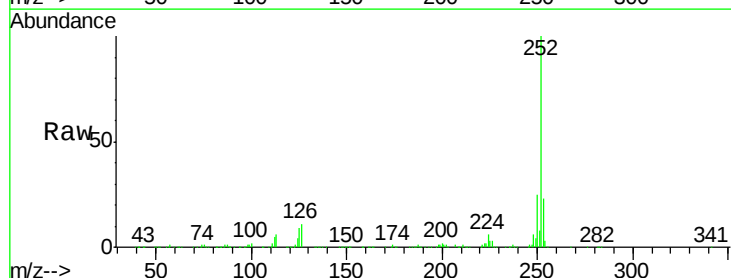
Tgt Ion:252 Resp: 747730

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

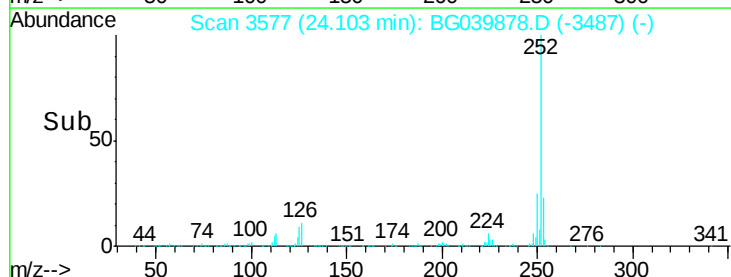
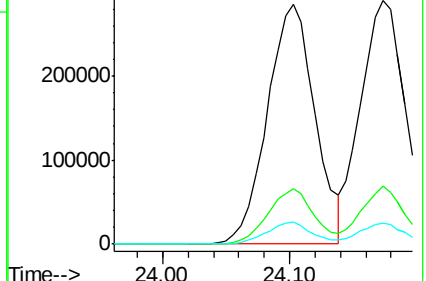
125 9.1 7.8 11.6

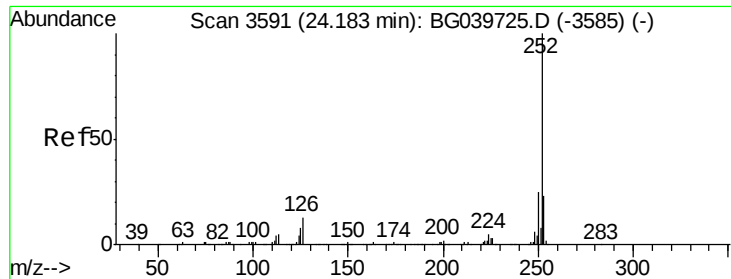


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.263 ng

RT: 24.17 min Scan# 3589

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

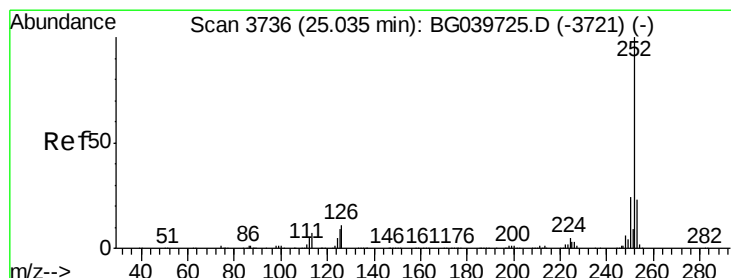
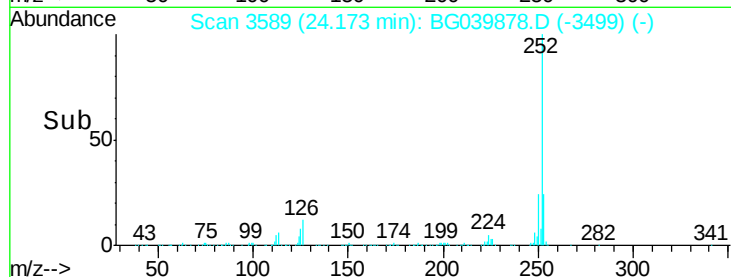
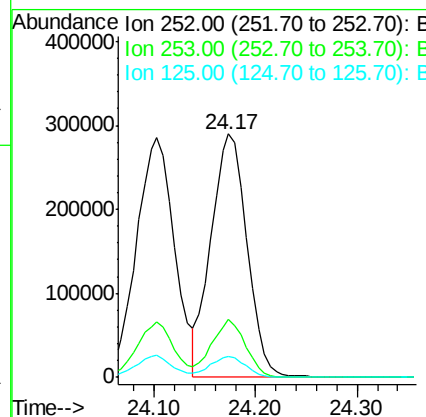
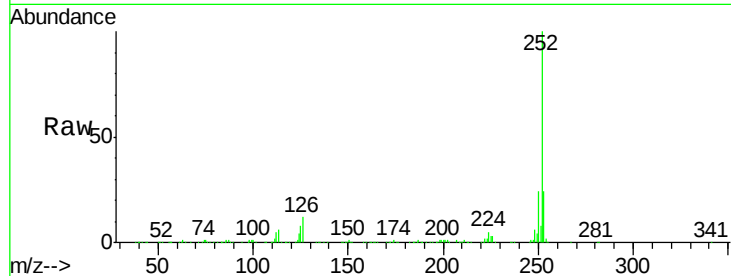
Instrument :

BNA_G

ClientSampleId :

PB117829BSD

Tgt Ion:	252	Resp:	708775
Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.2	27.2
125	8.4	7.4	11.2



#90

Benzo(a)pyrene

Concen: 47.633 ng

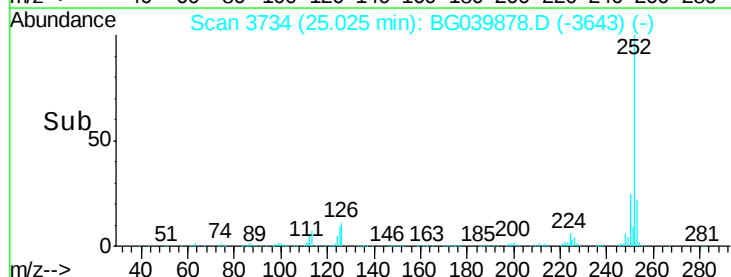
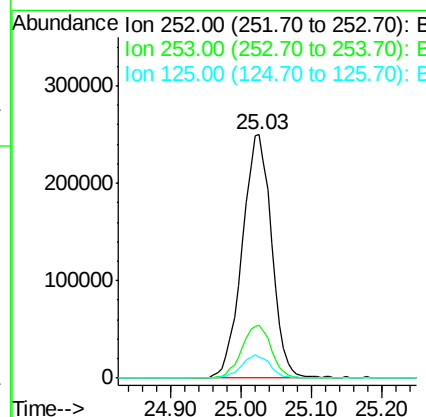
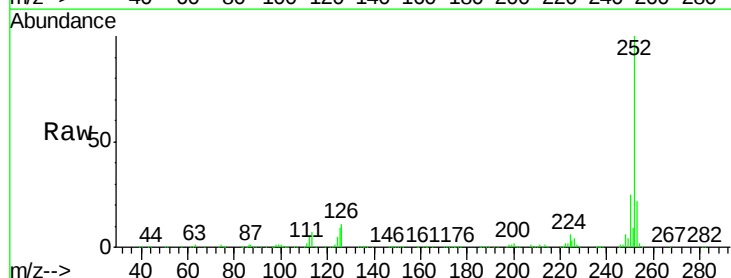
RT: 25.03 min Scan# 3734

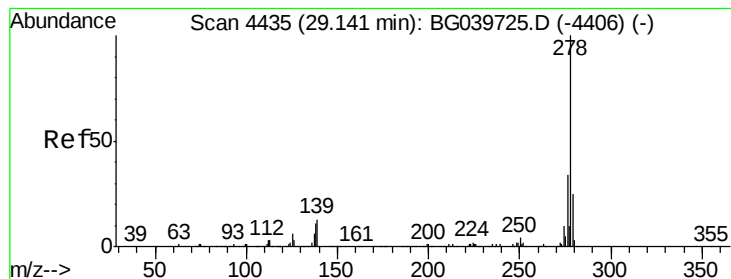
Delta R.T. 0.01 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Tgt Ion:	252	Resp:	724429
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	8.8	8.3	12.5





#91

Dibenzo(a,h)anthracene

Concen: 44.661 ng

RT: 29.13 min Scan# 4432

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

Instrument :

BNA_G

ClientSampleId :

PB117829BSD

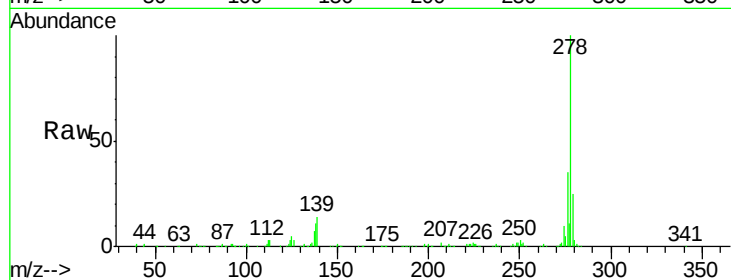
Tgt Ion:278 Resp: 665893

Ion Ratio Lower Upper

278 100

139 14.1 11.7 17.5

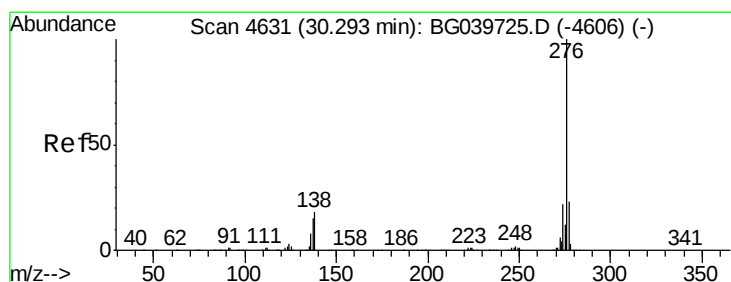
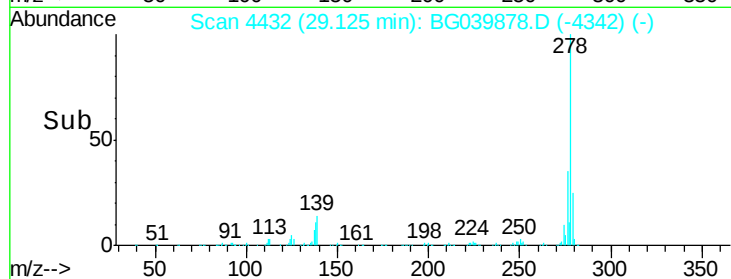
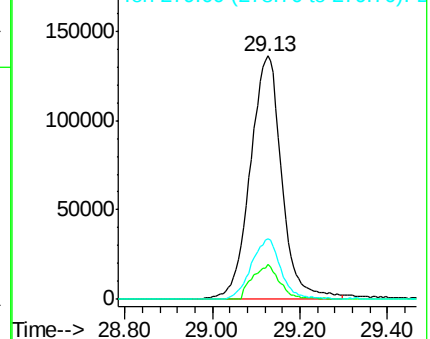
279 25.0 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 44.008 ng

RT: 30.28 min Scan# 4628

Delta R.T. -0.00 min

Lab File: BG039878.D

Acq: 12 Mar 2019 17:34

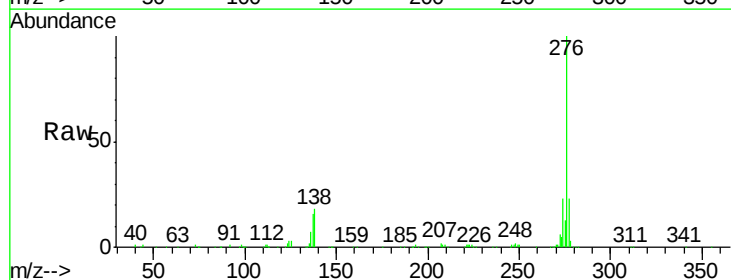
Tgt Ion:276 Resp: 658992

Ion Ratio Lower Upper

276 100

277 22.7 19.6 29.4

138 17.9 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

