

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040326.D
 Acq On : 3 Apr 2019 15:02
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:27:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54636	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	234936	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	153932	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	415478	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	429595	20.00	ng	-0.02
87) Perylene-d12	24.99	264	427307	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	276793	84.22	ng	-0.02
7) Phenol-d6	7.20	99	380084	83.68	ng	-0.02
23) Nitrobenzene-d5	9.22	82	354949	80.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	166016	99.79	ng	-0.02
45) 2-Fluorobiphenyl	13.31	172	840998	80.96	ng	-0.02
79) Terphenyl-d14	20.03	244	1485599	77.80	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	62385	40.369	ng	99
3) Pyridine	3.90	79	177786	42.728	ng	100
4) n-Nitrosodimethylamine	3.82	42	76914	39.962	ng	# 89
6) Aniline	7.38	93	236682	40.108	ng	98
8) 2-Chlorophenol	7.61	128	157339	40.897	ng	96
9) Benzaldehyde	7.20	77	118948	38.178	ng	96
10) Phenol	7.23	94	202901	41.156	ng	97
11) bis(2-Chloroethyl)ether	7.47	93	156443	39.619	ng	97
12) 1,3-Dichlorobenzene	7.94	146	170158	40.687	ng	93
13) 1,4-Dichlorobenzene	8.09	146	171684	41.217	ng	98
14) 1,2-Dichlorobenzene	8.41	146	162813	40.874	ng	99
15) Benzyl Alcohol	8.29	79	140351	38.369	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	290294	38.306	ng	99
17) 2-Methylphenol	8.49	107	136505	40.014	ng	97
18) Hexachloroethane	9.13	117	64741	40.861	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	126040	38.704	ng	97
20) 3+4-Methylphenols	8.82	107	189732	41.054	ng	98
22) Acetophenone	8.88	105	235073	40.112	ng	96
24) Nitrobenzene	9.27	77	181987	39.761	ng	96
25) Isophorone	9.78	82	375852	41.328	ng	98
26) 2-Nitrophenol	9.98	139	94229	43.448	ng	96
27) 2,4-Dimethylphenol	10.02	122	142674	41.416	ng	99
28) bis(2-Chloroethoxy)methane	10.26	93	219355	40.769	ng	99
29) 2,4-Dichlorophenol	10.51	162	161919	43.303	ng	97
30) 1,2,4-Trichlorobenzene	10.72	180	169294	41.233	ng	97
31) Naphthalene	10.91	128	498817	41.422	ng	99
32) Benzoic acid	10.13	122	34656	16.650	ng	98
33) 4-Chloroaniline	11.03	127	216061	42.063	ng	96
34) Hexachlorobutadiene	11.18	225	107157	40.808	ng	96
35) Caprolactam	11.82	113	68965	46.476	ng	98
36) 4-Chloro-3-methylphenol	12.14	107	190669	44.355	ng	98
37) 2-Methylnaphthalene	12.51	142	370335	41.582	ng	99
38) 1-Methylnaphthalene	12.74	142	361793	41.892	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	193986	39.650	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	106785	39.751	ng	95
43) 2,4,6-Trichlorophenol	13.12	196	139768	44.310	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	154973	45.074	ng	97
46) 1,1'-Biphenyl	13.52	154	490121	40.297	ng	97
47) 2-Chloronaphthalene	13.56	162	376816	40.390	ng	100
48) 2-Nitroaniline	13.78	65	133848	42.533	ng	99
49) Acenaphthylene	14.41	152	665100	42.047	ng	99
50) Dimethylphthalate	14.13	163	530023	43.995	ng	99
51) 2,6-Dinitrotoluene	14.26	165	122422	45.257	ng	98
52) Acenaphthene	14.75	154	374018	41.264	ng	97
53) 3-Nitroaniline	14.60	138	131288	45.851	ng	95
54) 2,4-Dinitrophenol	14.80	184	73016	50.754	ng	98
55) Dibenzofuran	15.08	168	624074	42.849	ng	99
56) 4-Nitrophenol	14.90	139	111210	48.122	ng	98
57) 2,4-Dinitrotoluene	15.05	165	178713	47.546	ng	97
58) Fluorene	15.73	166	500053	43.670	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	147778	47.365	ng	97
60) Diethylphthalate	15.49	149	574342	46.589	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	267783	43.750	ng	99
62) 4-Nitroaniline	15.77	138	148933	48.467	ng	98
63) Azobenzene	16.01	77	507512	43.644	ng	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	90592	38.810	ng	97
66) n-Nitrosodiphenylamine	15.93	169	471258	38.761	ng	99
67) 4-Bromophenyl-phenylether	16.61	248	179100	38.306	ng	93
68) Hexachlorobenzene	16.73	284	186989	39.776	ng	98
69) Atrazine	16.88	200	195476	43.221	ng	98
70) Pentachlorophenol	17.07	266	157963	58.120	ng	93
71) Phenanthrene	17.47	178	895040	40.985	ng	100
72) Anthracene	17.57	178	900941	41.217	ng	100
73) Carbazole	17.84	167	898447	43.432	ng	99
74) Di-n-butylphthalate	18.37	149	1105120	45.069	ng	99
75) Fluoranthene	19.48	202	1124770	43.496	ng	99
77) Benzidine	19.66	184	776079	50.027	ng	100
78) Pyrene	19.84	202	1139720	40.343	ng	99
80) Butylbenzylphthalate	20.71	149	510449	42.225	ng	97
81) Benzo(a)anthracene	21.68	228	1074360	40.602	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	424352	42.158	ng	99
83) Chrysene	21.75	228	1030315	40.515	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	740025	42.824	ng	99
85) Di-n-octyl phthalate	22.78	149	1214621	41.255	ng	100
86) Indeno(1,2,3-cd)pyrene	28.76	276	1254285	40.327	ng	99
88) Benzo(b)fluoranthene	23.94	252	1081982	41.358	ng	98
89) Benzo(k)fluoranthene	24.01	252	1019352	42.370	ng	98
90) Benzo(a)pyrene	24.83	252	1045415	42.590	ng	99
91) Dibenzo(a,h)anthracene	28.82	278	1001227	43.918	ng	99
92) Benzo(g,h,i)perylene	29.95	276	1023836	43.699	ng	100

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

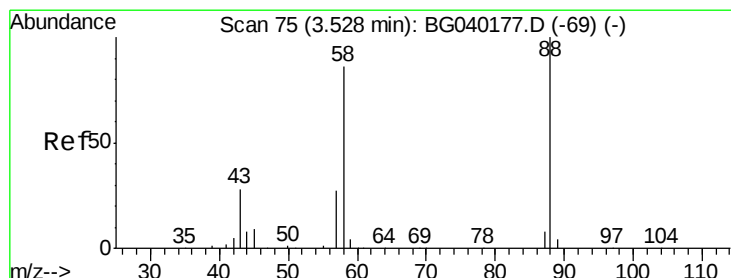
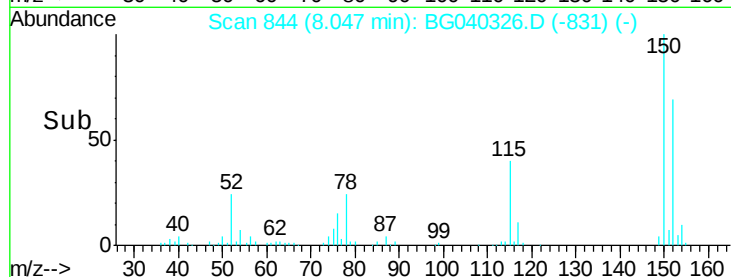
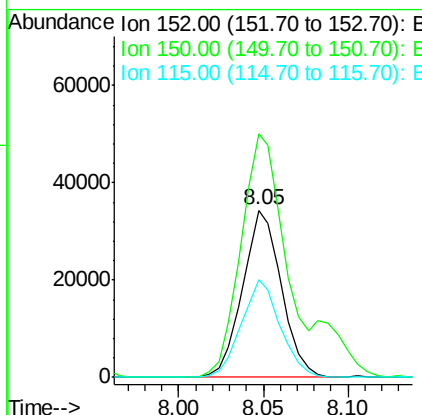
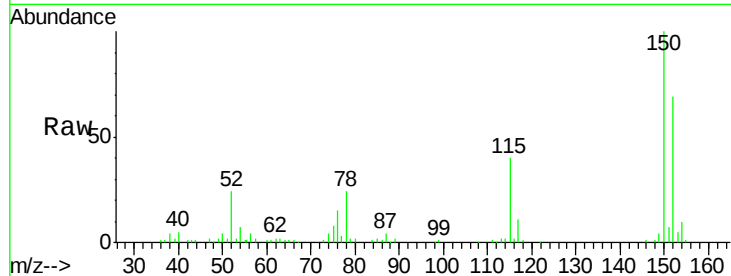


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Instrument :
BNA_G
ClientSampleId :

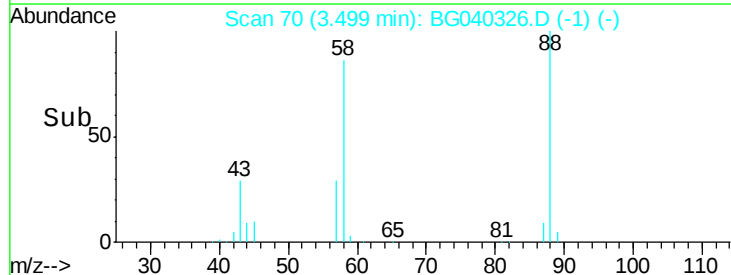
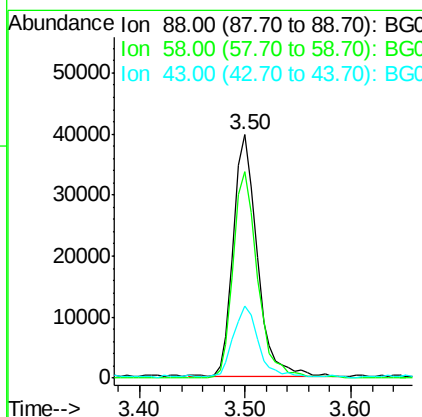
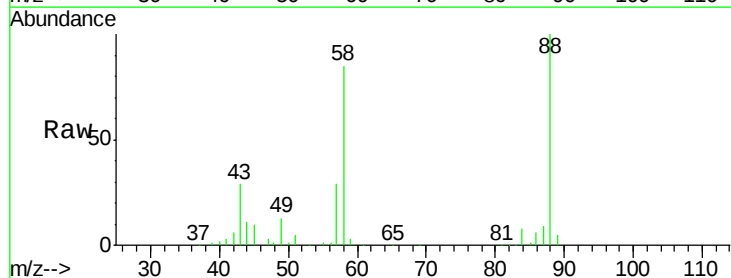
Tot Ion:152 Resp: 54636
Ion Ratio Lower Upper
152 100
150 145.8 123.7 185.5
115 58.7 46.9 70.3

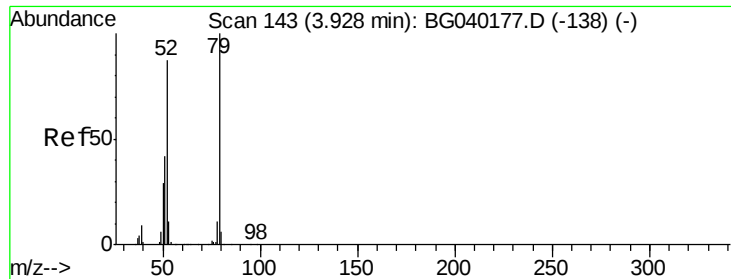


#2

1,4-Dioxane
Concen: 40.369 ng
RT: 3.50 min Scan# 70
Delta R.T. -0.03 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion: 88 Resp: 62385
Ion Ratio Lower Upper
88 100
58 86.5 70.6 106.0
43 31.1 24.8 37.2





#3

Pvridine

Concen: 42.728 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

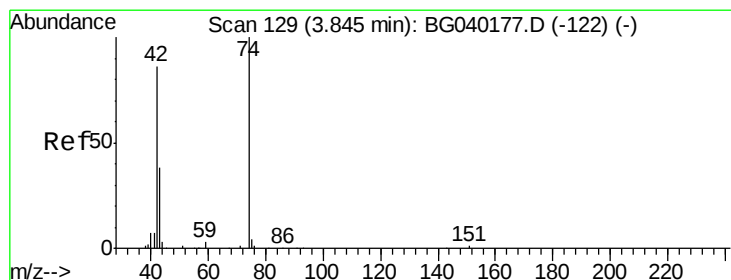
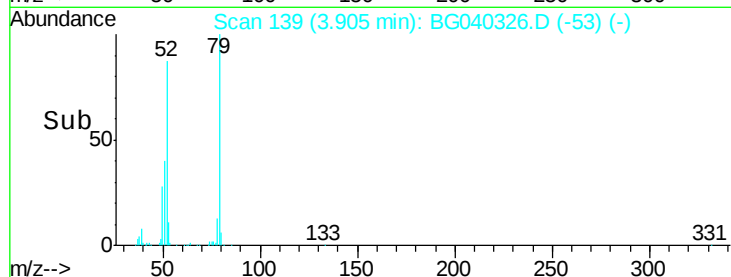
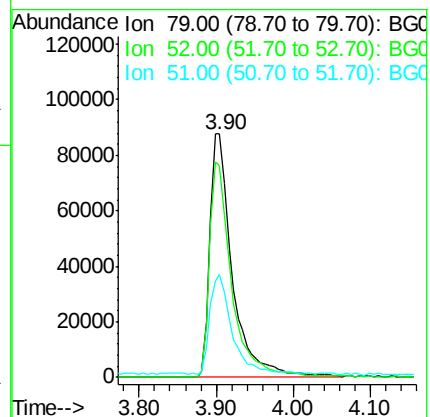
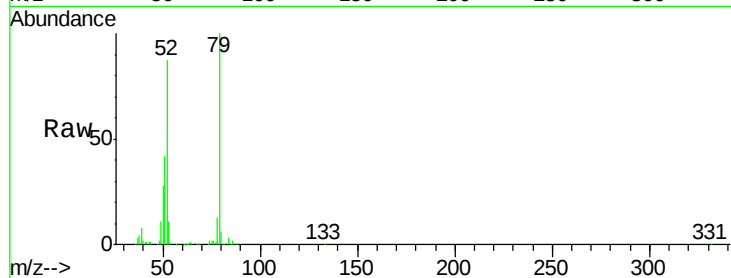
Tot Ion: 79 Resp: 177786

Ion Ratio Lower Upper

79 100

52 87.2 69.8 104.8

51 42.1 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 39.962 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

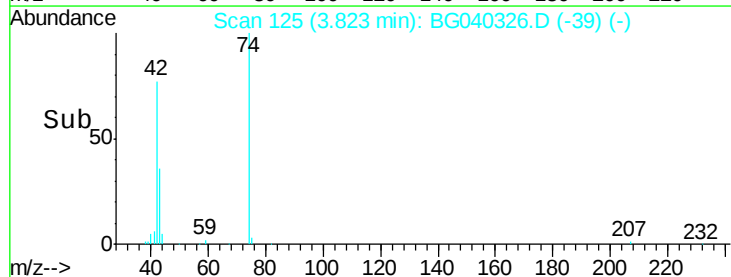
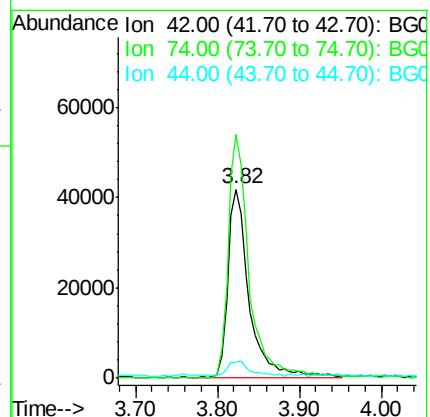
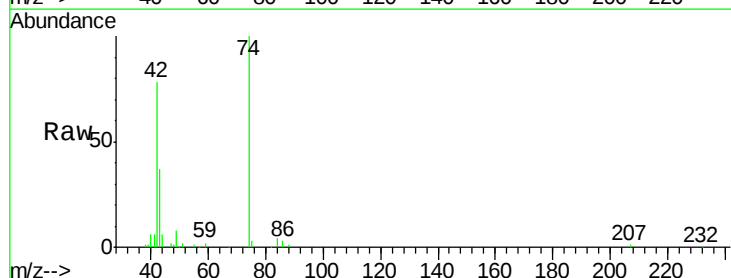
Tgt Ion: 42 Resp: 76914

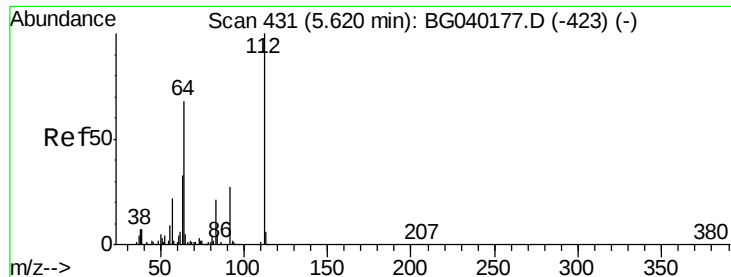
Ion Ratio Lower Upper

42 100

74 128.7 92.9 139.3

44 8.2 9.7 14.5#





#5

2-Fluorophenol

Concen: 84.220 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampled :

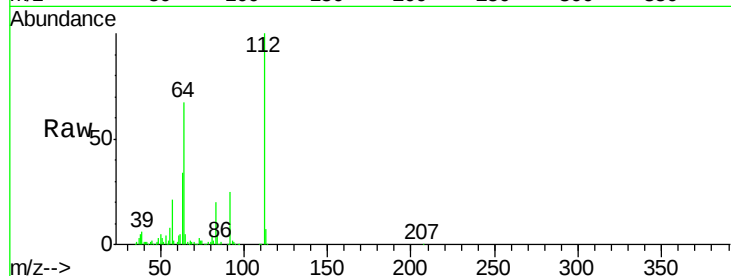
Tot Ion:112 Resp: 276793

Ion Ratio Lower Upper

112 100

64 67.3 54.2 81.2

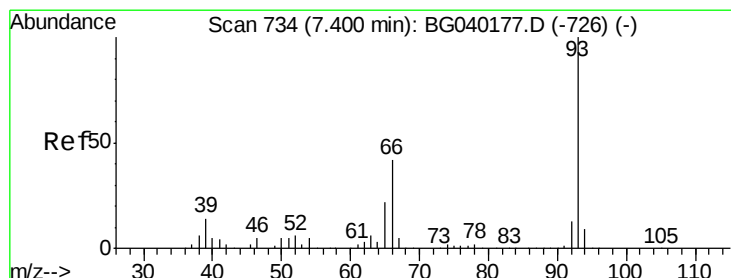
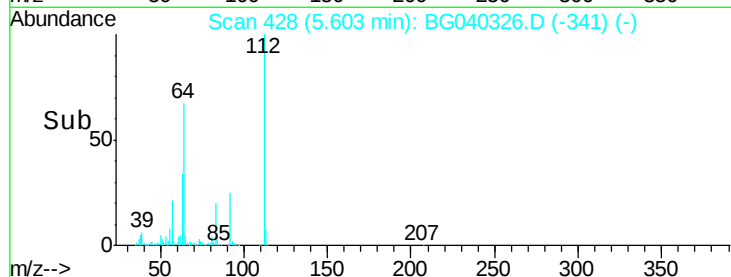
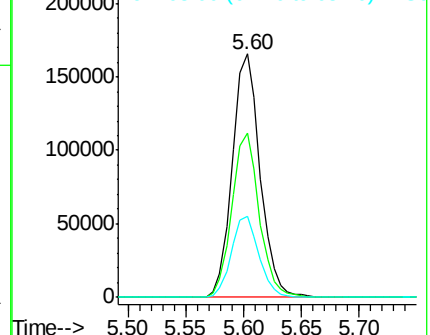
63 33.5 26.4 39.6



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: 40.108 ng

RT: 7.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

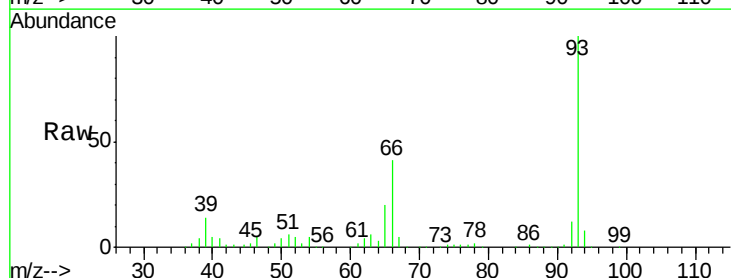
Tgt Ion: 93 Resp: 236682

Ion Ratio Lower Upper

93 100

66 41.3 33.6 50.4

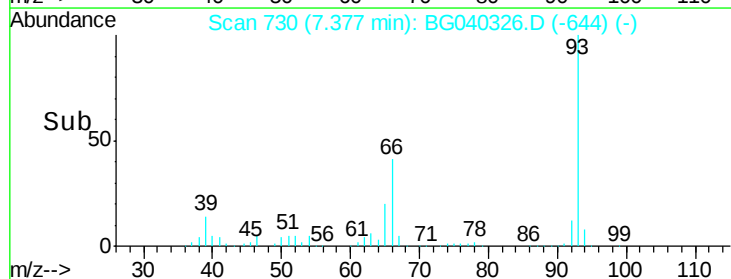
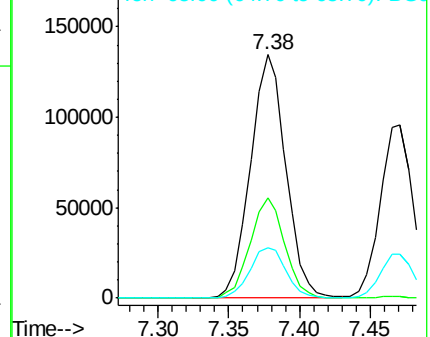
65 20.4 17.4 26.2

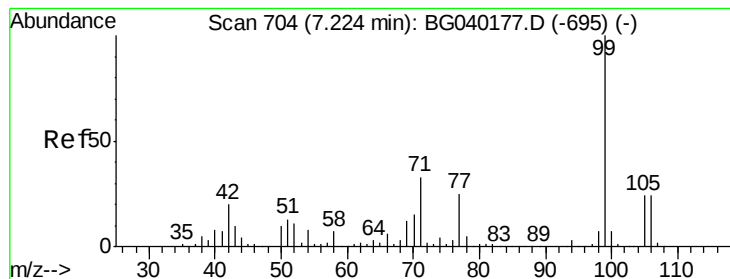


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 83.681 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampled :

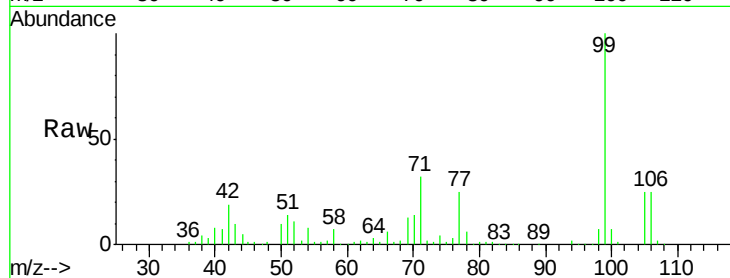
Tot Ion: 99 Resp: 380084

Ion Ratio Lower Upper

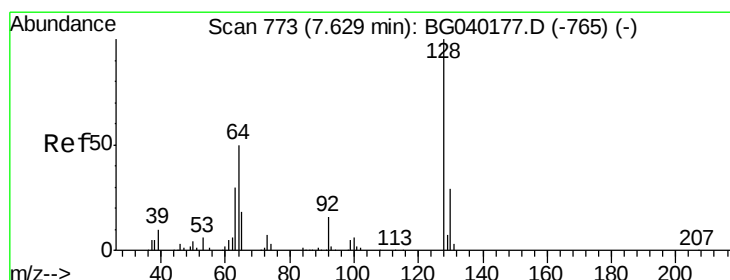
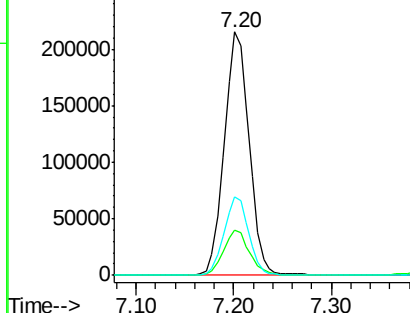
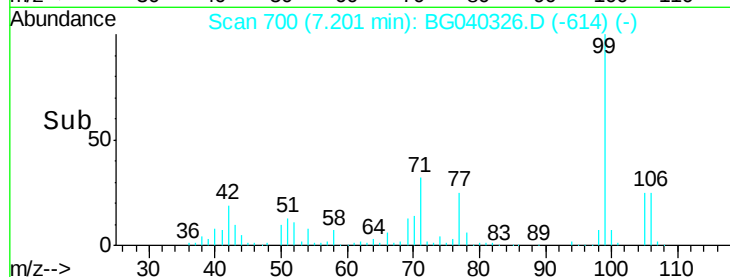
99 100

42 18.7 16.2 24.2

71 32.3 26.8 40.2



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



#8

2-Chlorophenol

Concen: 40.897 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

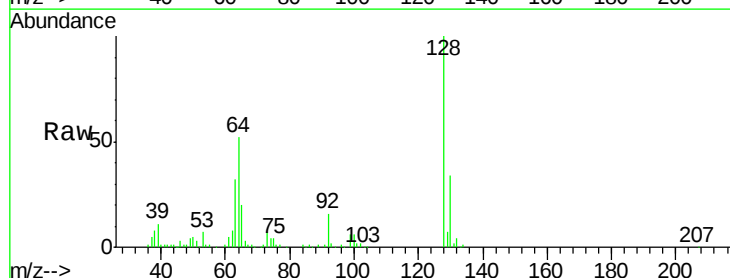
Tgt Ion: 128 Resp: 157339

Ion Ratio Lower Upper

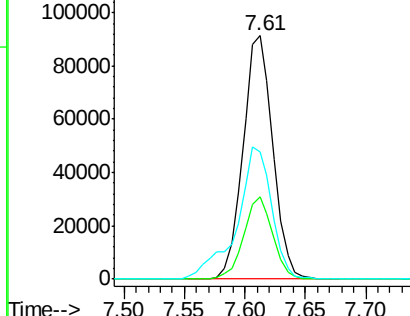
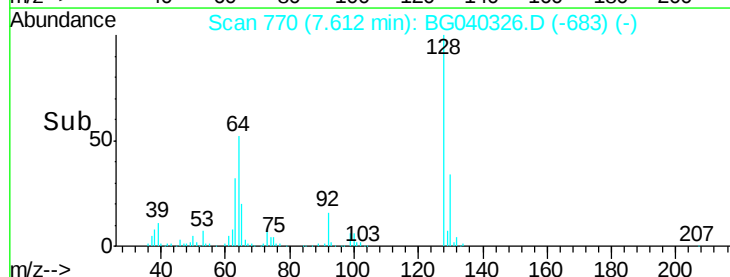
128 100

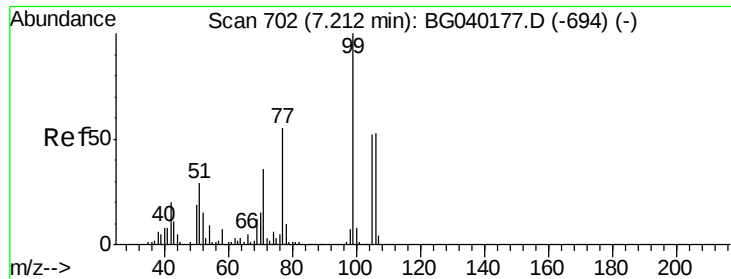
130 34.0 9.1 49.1

64 52.0 33.1 73.1



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





#9

Benzaldehyde

Concen: 38.178 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampled :

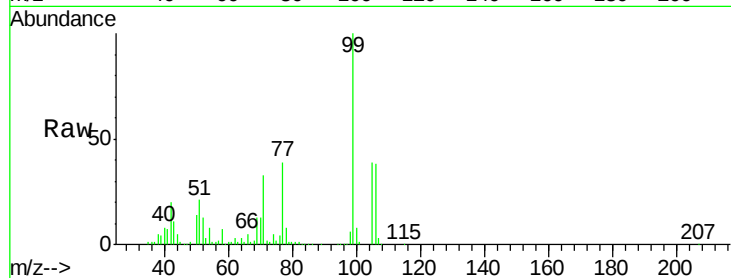
Tot Ion: 77 Resp: 118948

Ion Ratio Lower Upper

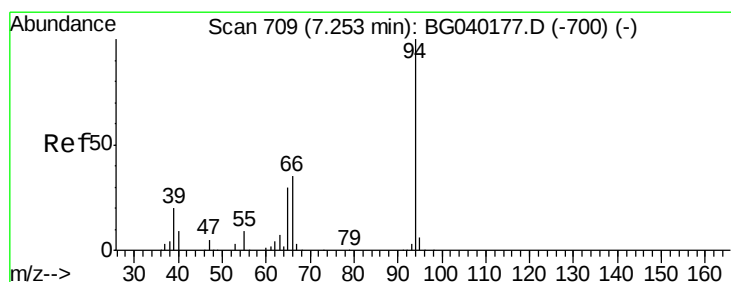
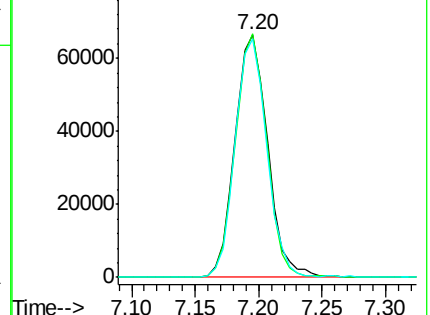
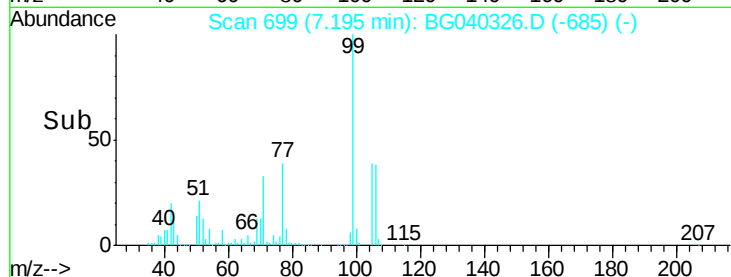
77 100

105 100.4 75.0 115.0

106 98.5 75.7 115.7



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



#10

Phenol

Concen: 41.156 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

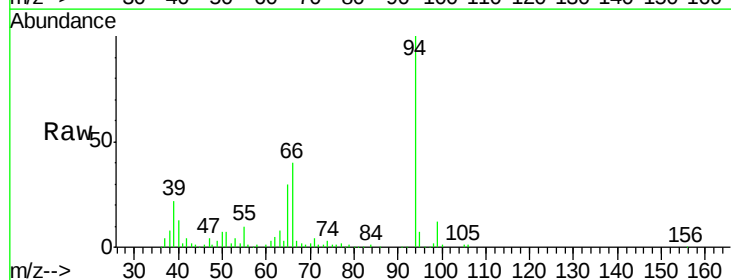
Tgt Ion: 94 Resp: 202901

Ion Ratio Lower Upper

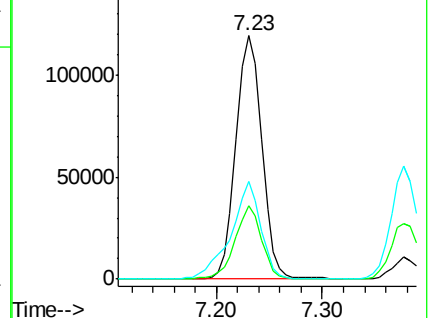
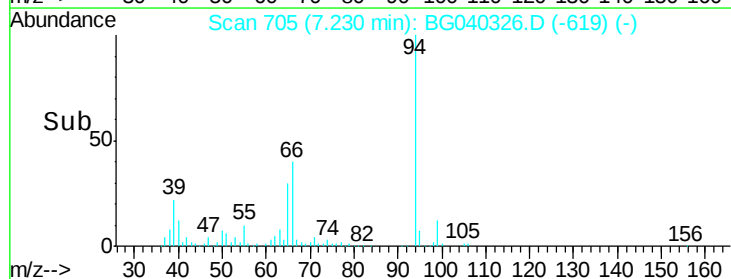
94 100

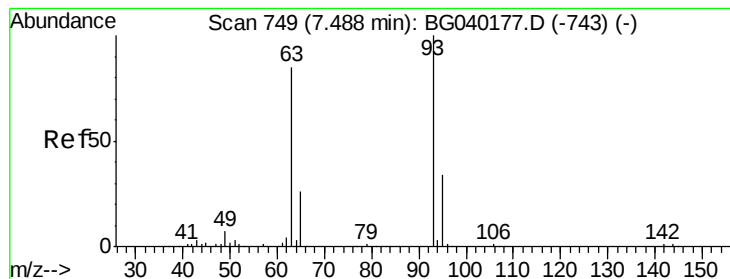
65 30.2 10.5 50.5

66 40.1 16.9 56.9



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

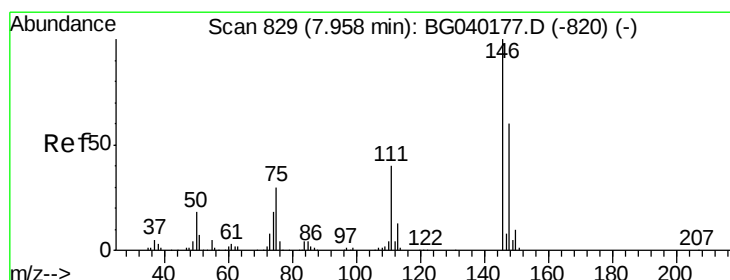
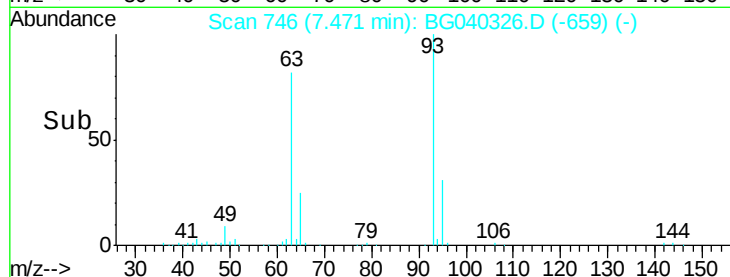
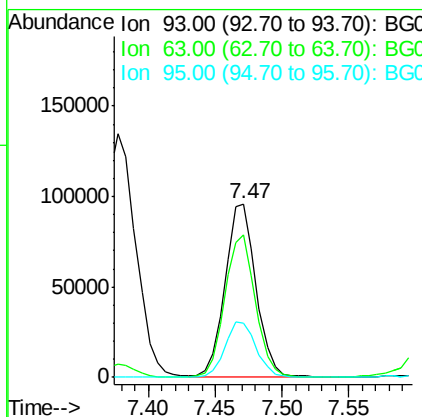
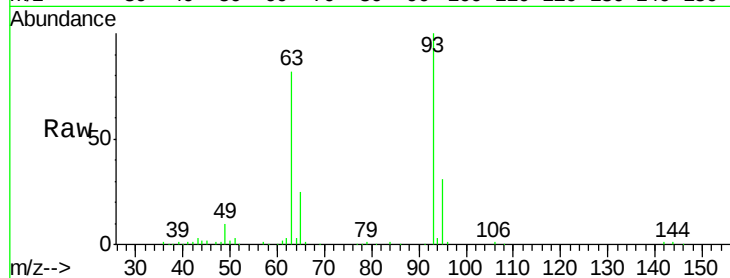




#11
bis(2-Chloroethyl)ether
Concen: 39.619 ng
RT: 7.47 min Scan# 746
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

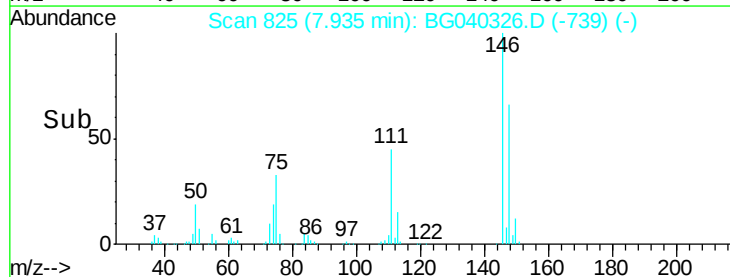
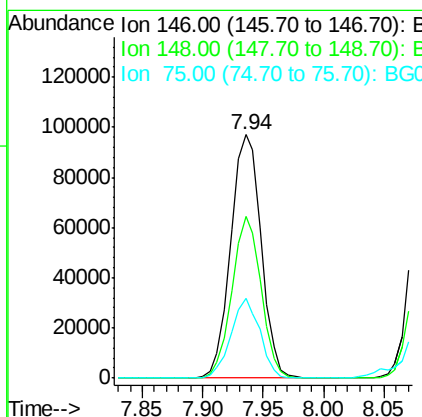
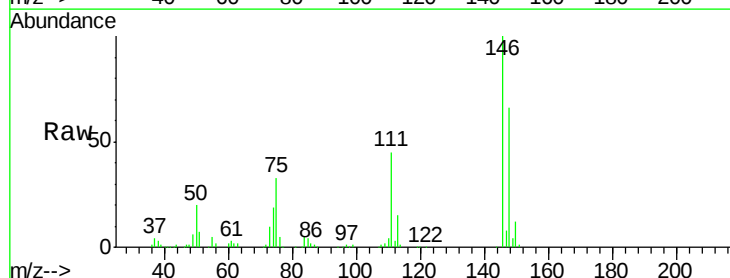
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 156443
Ion Ratio Lower Upper
93 100
63 82.3 64.2 104.2
95 31.1 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 40.687 ng
RT: 7.94 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion: 146 Resp: 170158
Ion Ratio Lower Upper
146 100
148 66.5 48.2 72.2
75 32.6 24.1 36.1

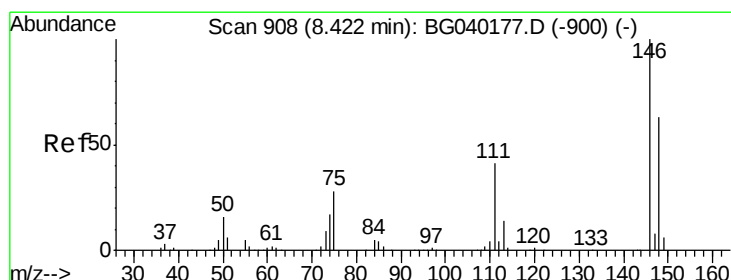
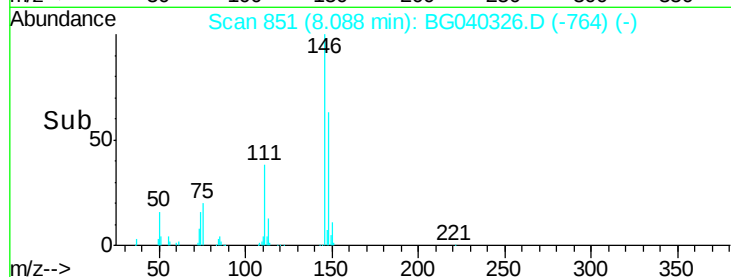
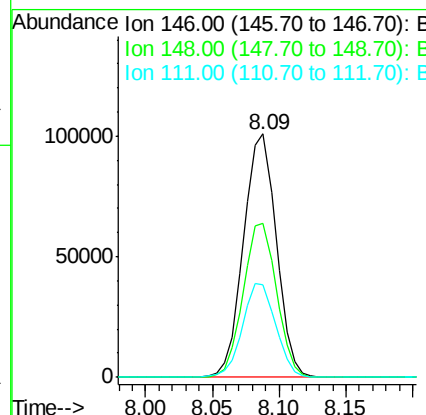
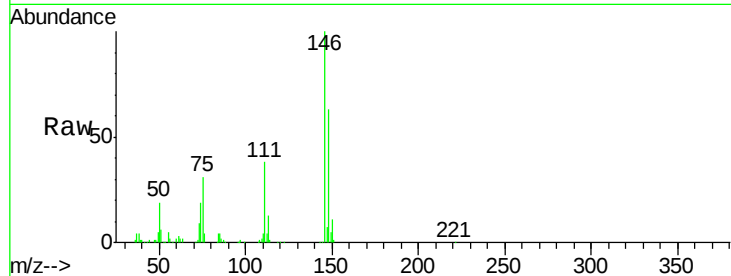




#13
 1,4-Dichlorobenzene
 Concen: 41.217 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

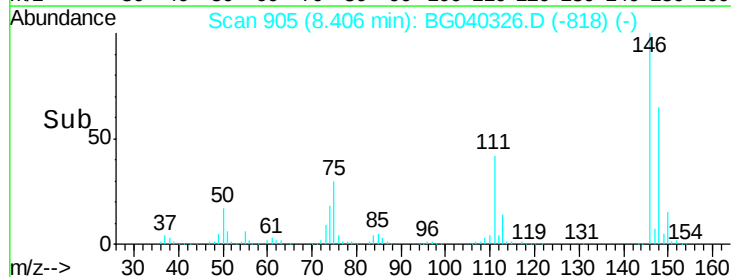
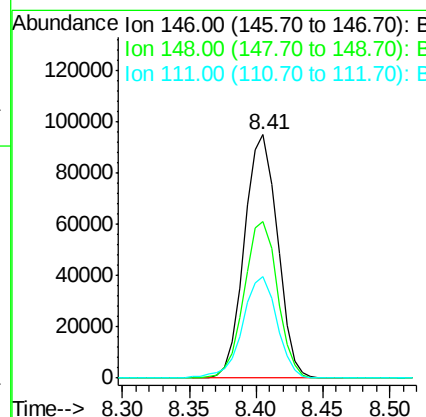
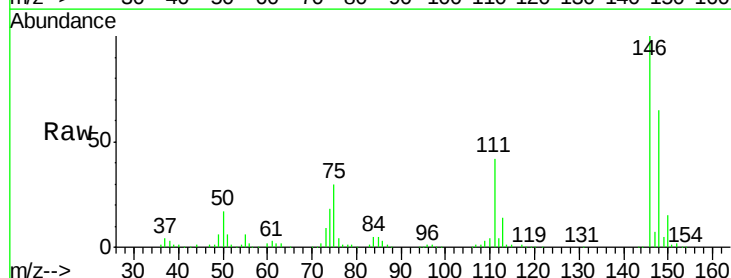
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 171684
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.0 76.4
 111 38.1 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 40.874 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Tgt Ion:146 Resp: 162813
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.8 76.2
 111 41.9 33.4 50.0





#15

Benzyl Alcohol

Concen: 38.369 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampled :

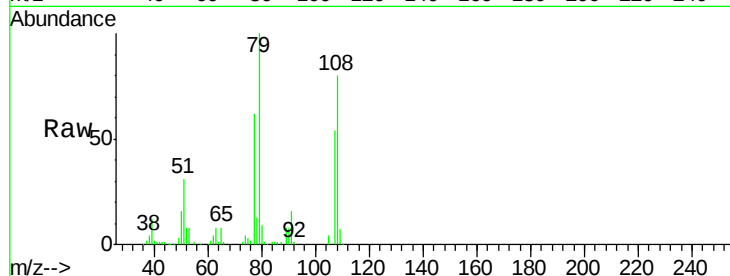
Tot Ion: 79 Resp: 140351

Ion Ratio Lower Upper

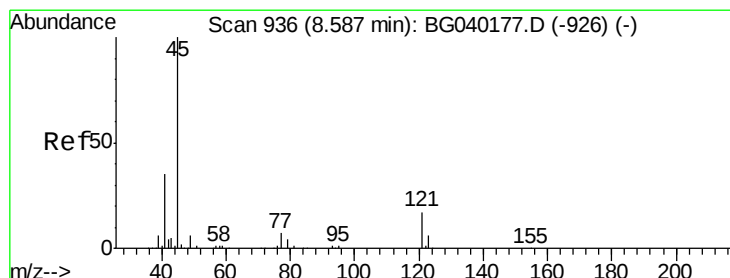
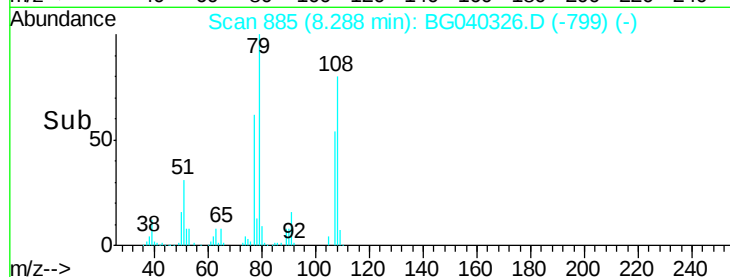
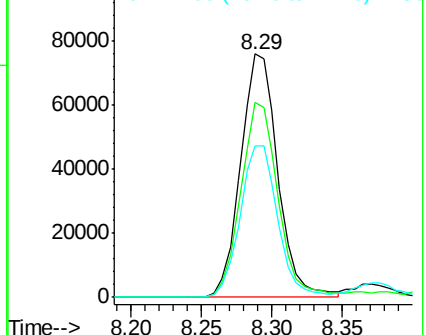
79 100

108 80.0 62.1 93.1

77 62.5 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.306 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

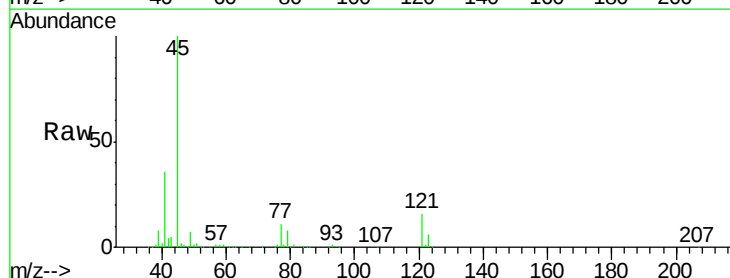
Tgt Ion: 45 Resp: 290294

Ion Ratio Lower Upper

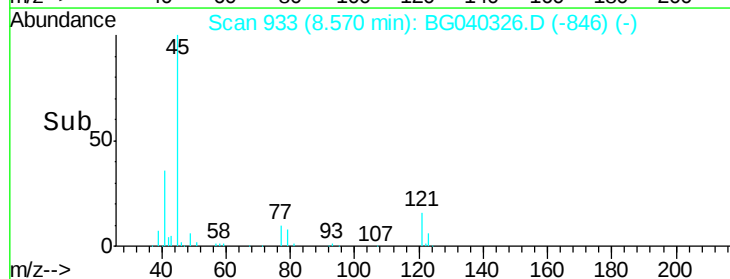
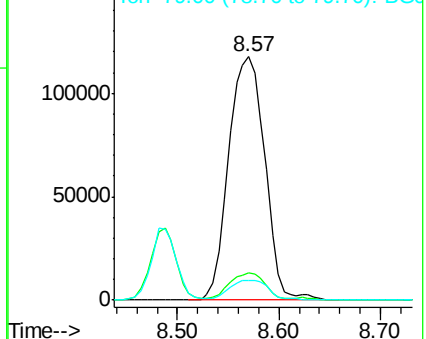
45 100

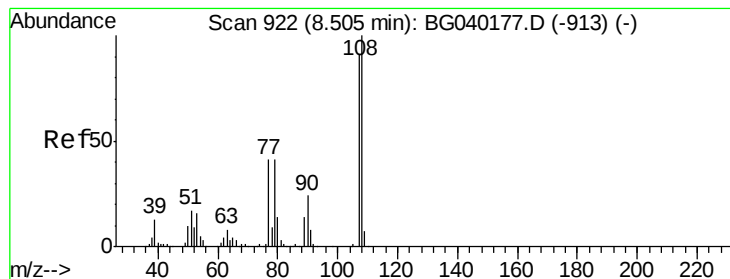
77 11.0 0.0 31.4

79 8.3 0.0 28.3



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

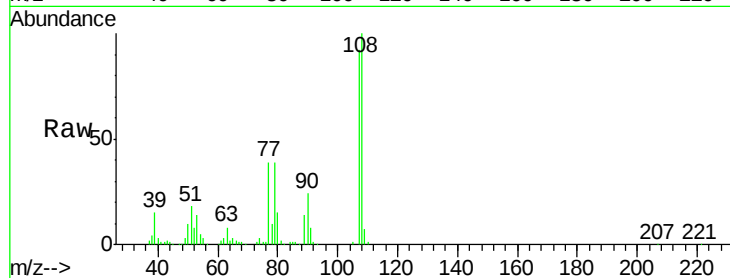




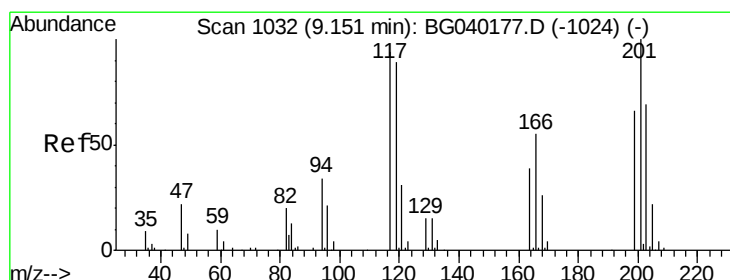
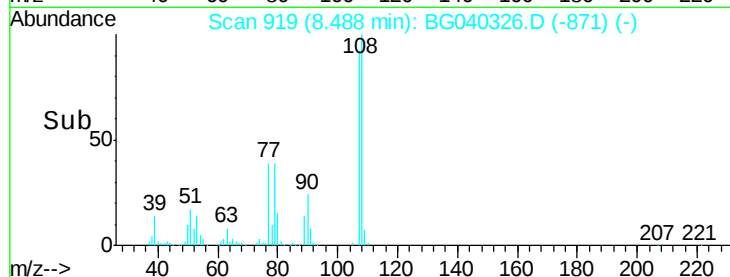
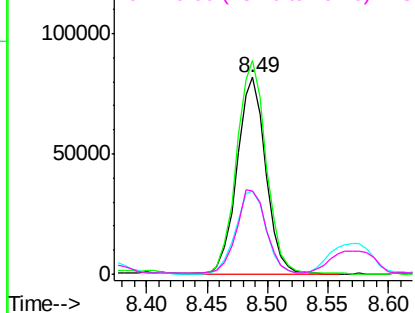
#17
2-Methylphenol
Concen: 40.014 ng
RT: 8.49 min Scan# 919
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.5	88.2	132.4
77	42.6	36.6	55.0
79	42.0	36.5	54.7

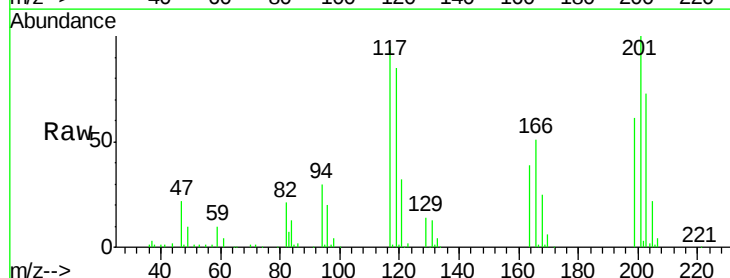


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

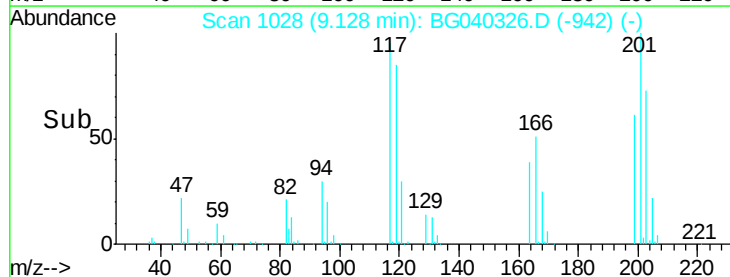
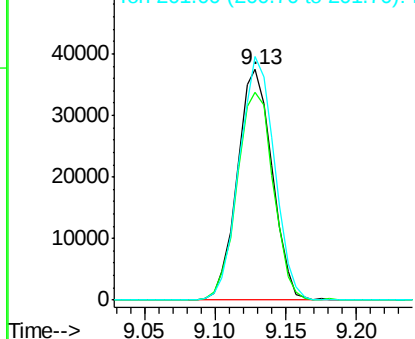


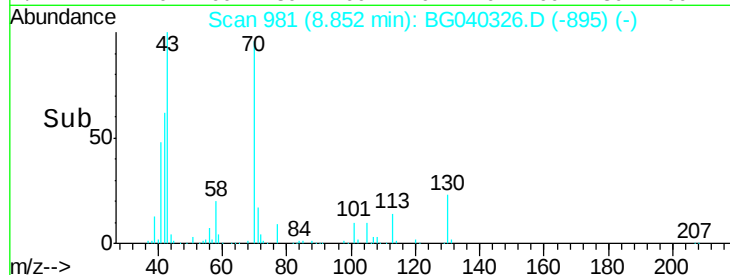
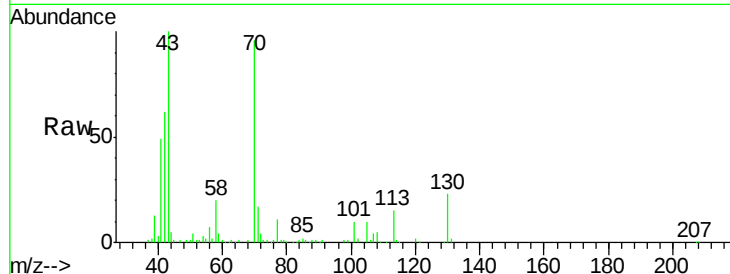
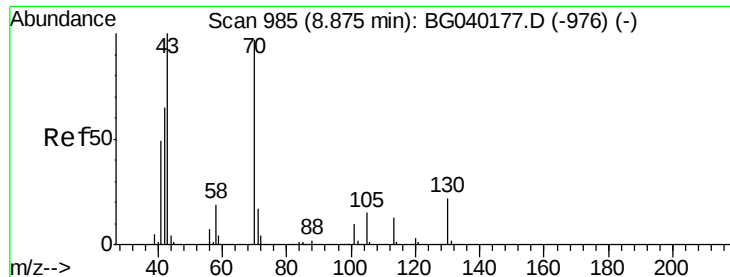
#18
Hexachloroethane
Concen: 40.861 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.1	76.6	115.0
201	105.5	85.0	127.4



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

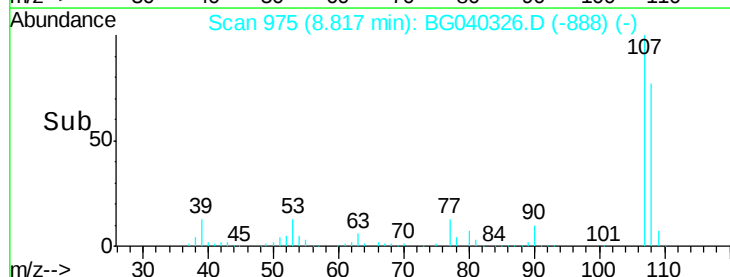
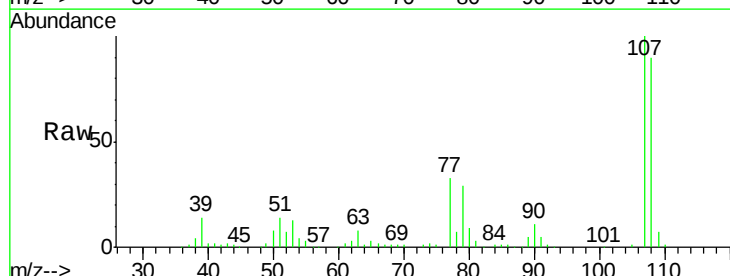
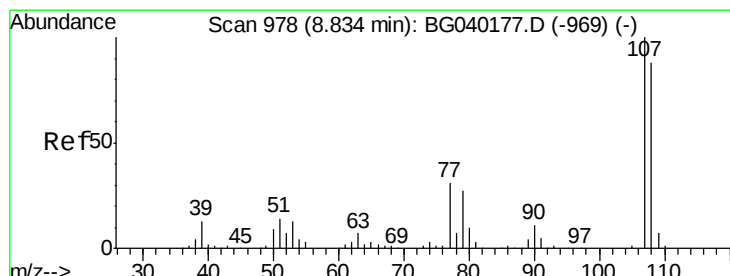
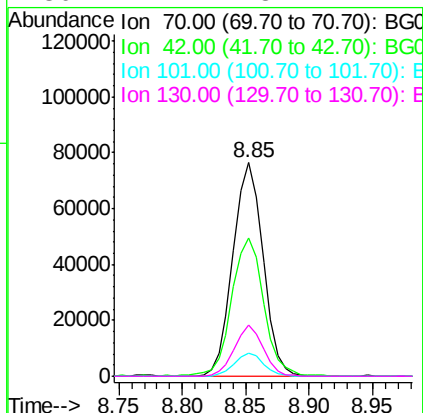




#19
n-Nitroso-di-n-propylamine
Concen: 38.704 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

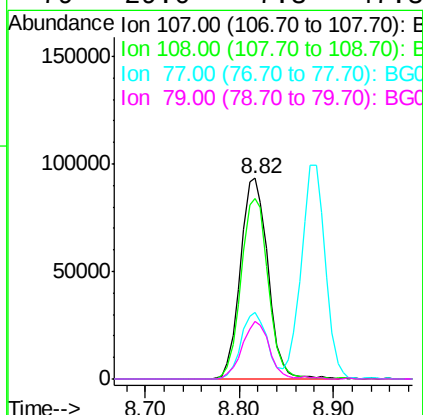
Instrument :
BNA_G
ClientSampled :

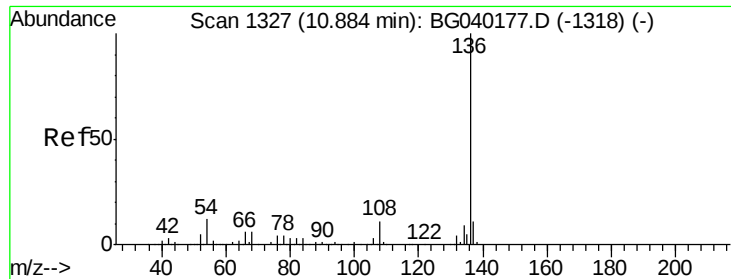
Tot Ion:	70	Resp:	126040
Ion	Ratio	Lower	Upper
70	100		
42	64.8	54.0	81.0
101	10.8	8.6	13.0
130	24.1	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.054 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion:	107	Resp:	189732
Ion	Ratio	Lower	Upper
107	100		
108	90.0	68.3	108.3
77	33.4	11.3	51.3
79	29.0	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 234936

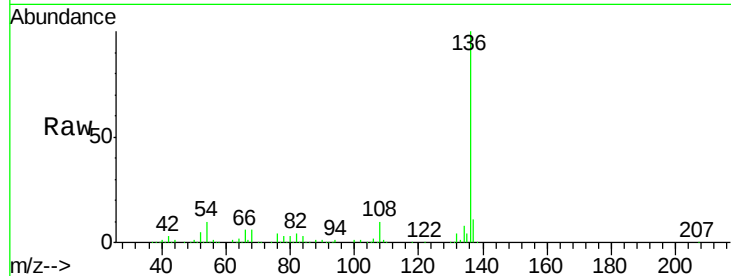
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 10.3 9.6 14.4

68 6.5 5.1 7.7

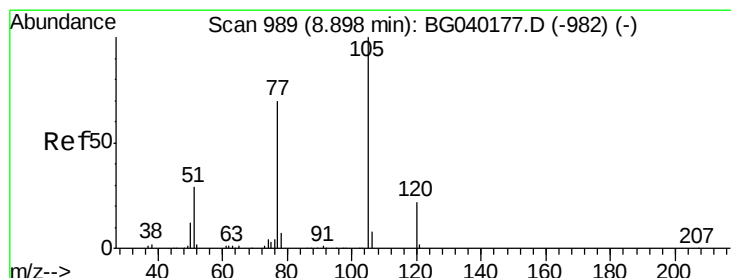
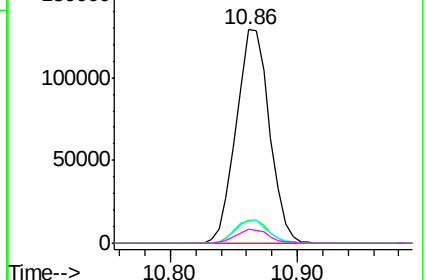
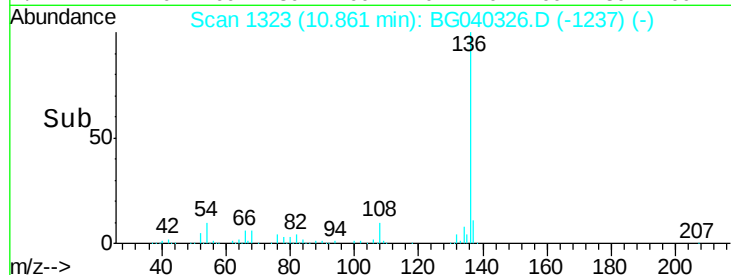


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.112 ng

RT: 8.88 min Scan# 985

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Tgt Ion:105 Resp: 235073

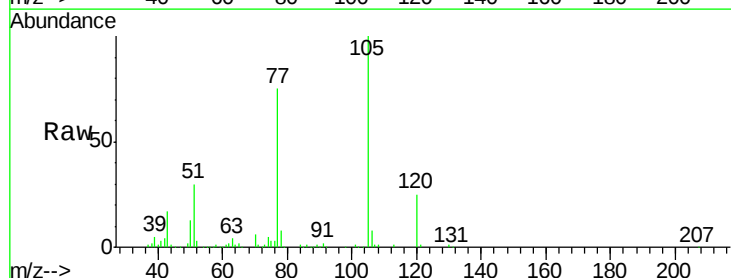
Ion Ratio Lower Upper

105 100

71 0.9 0.6 1.0

51 29.8 25.1 37.7

120 24.5 17.6 26.4

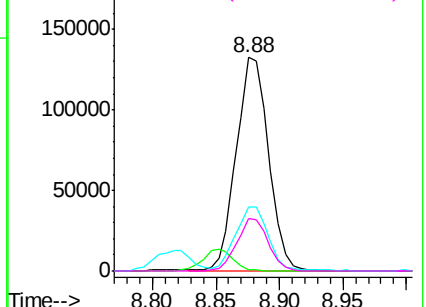
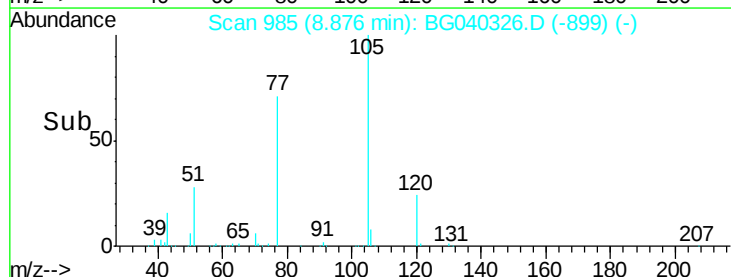


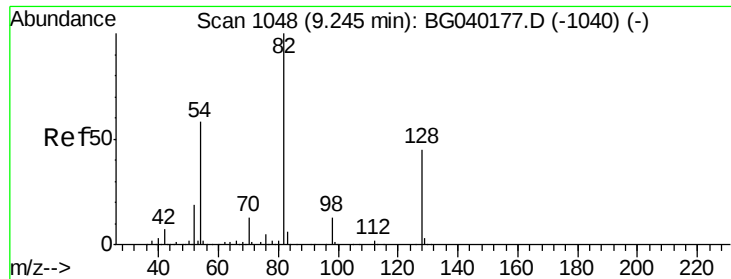
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

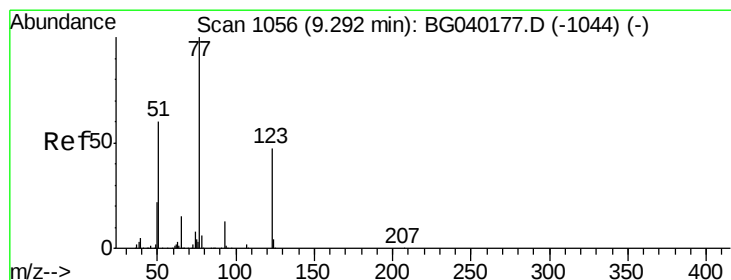
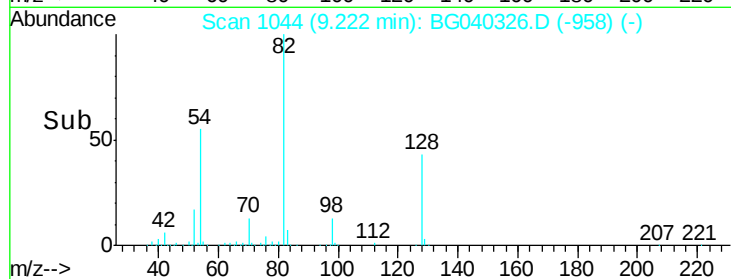
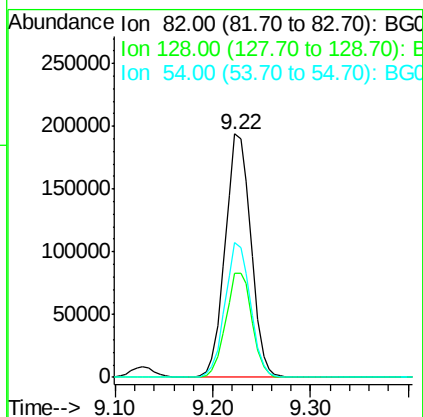
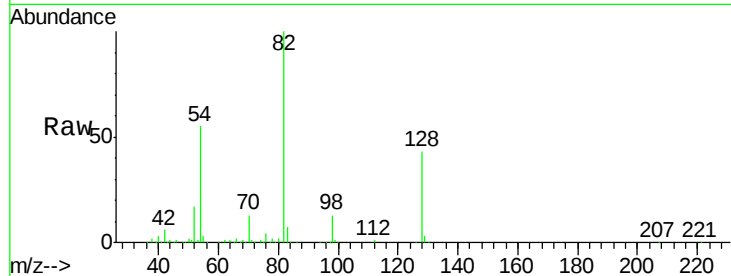




#23
 Nitrobenzene-d5
 Concen: 80.306 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

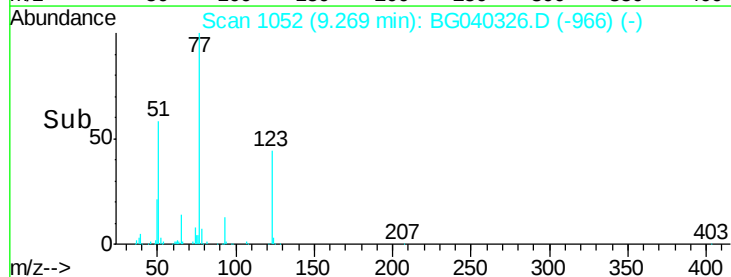
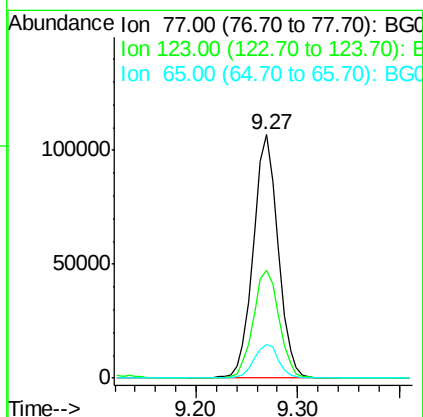
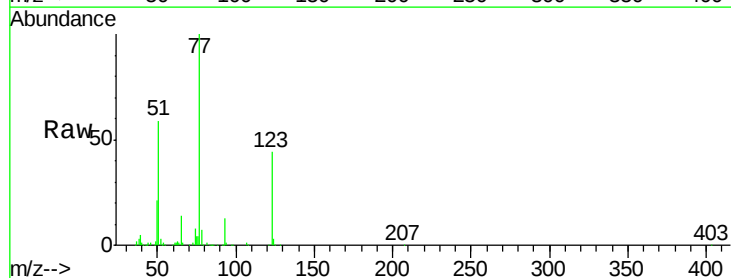
Instrument :
 BNA_G
 ClientSampleId :

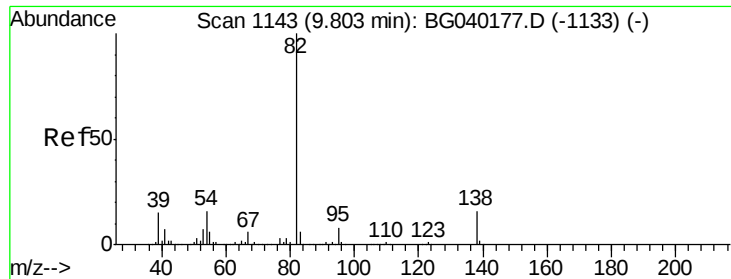
Tot Ion: 82 Resp: 354949
 Ion Ratio Lower Upper
 82 100
 128 42.7 35.8 53.8
 54 55.2 46.2 69.2



#24
 Nitrobenzene
 Concen: 39.761 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Tgt Ion: 77 Resp: 181987
 Ion Ratio Lower Upper
 77 100
 123 44.2 37.8 56.6
 65 13.9 12.0 18.0





#25

Isophorone

Concen: 41.328 ng

RT: 9.78 min Scan# 1139

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

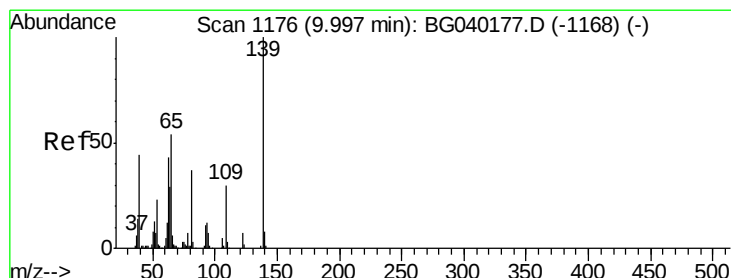
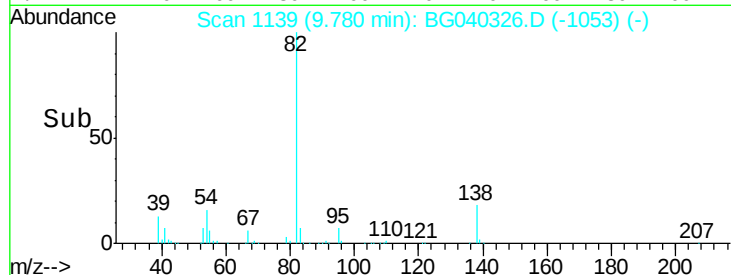
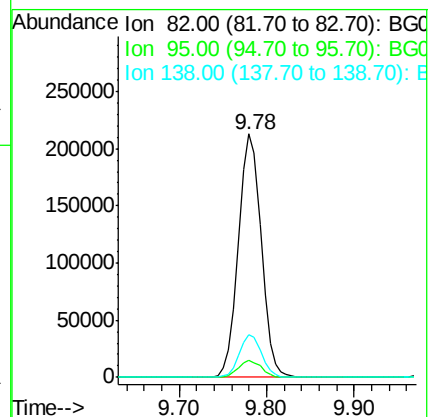
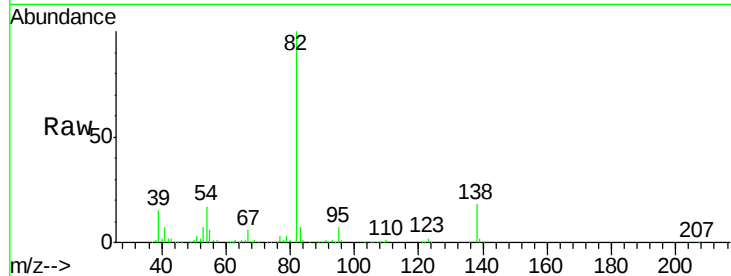
Tot Ion: 82 Resp: 375852

Ion Ratio Lower Upper

82 100

95 6.9 6.1 9.1

138 17.5 13.2 19.8



#26

2-Nitrophenol

Concen: 43.448 ng

RT: 9.98 min Scan# 1173

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

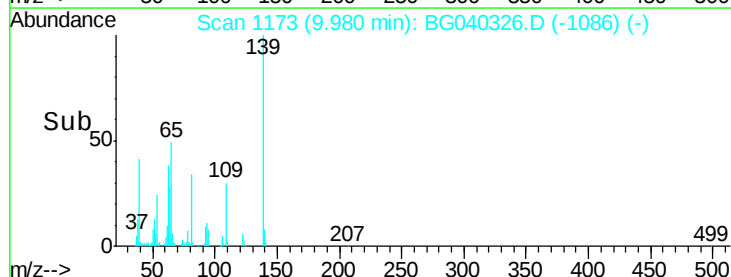
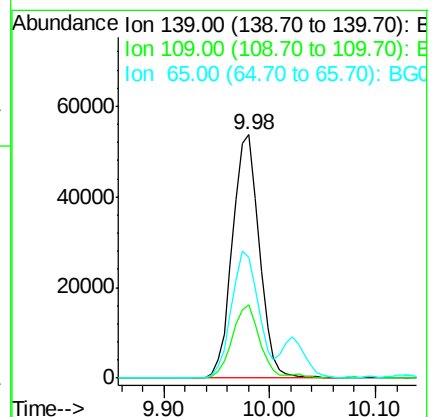
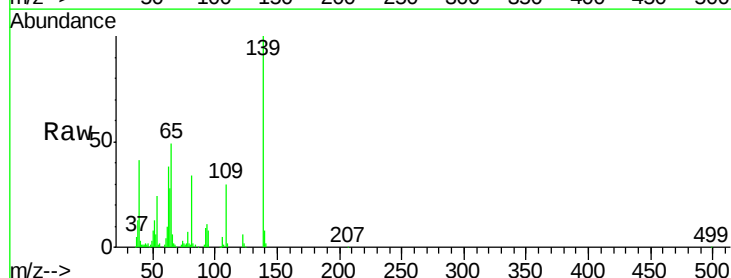
Tgt Ion: 139 Resp: 94229

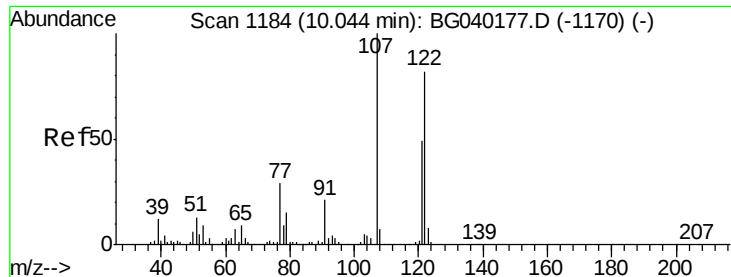
Ion Ratio Lower Upper

139 100

109 30.2 24.1 36.1

65 49.4 43.0 64.6

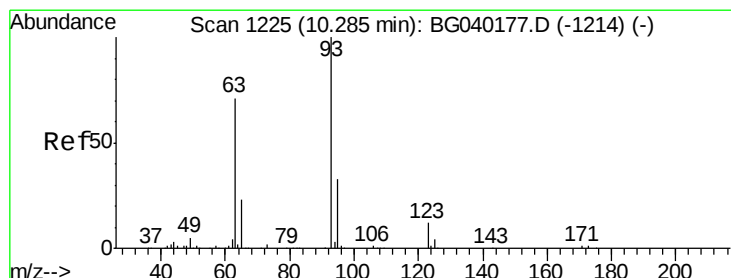
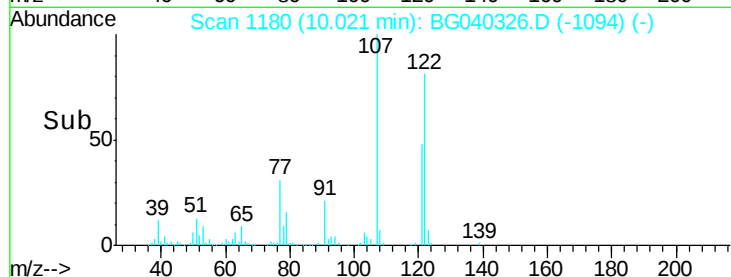
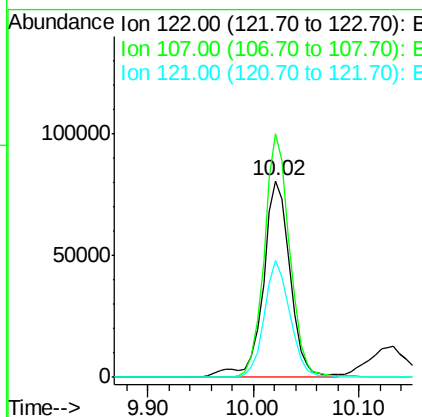
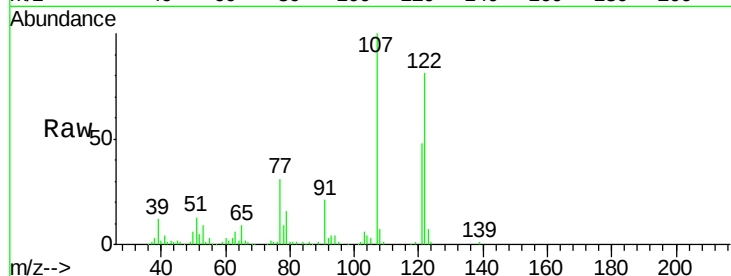




#27
 2,4-Dimethylphenol
 Concen: 41.416 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

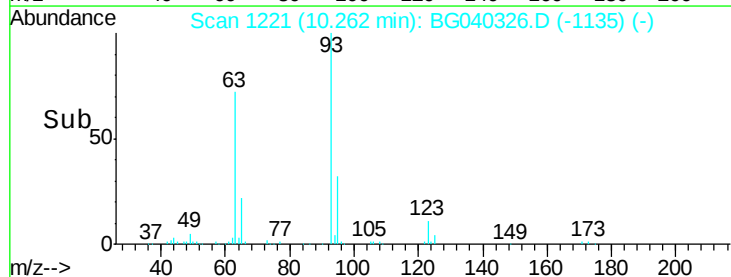
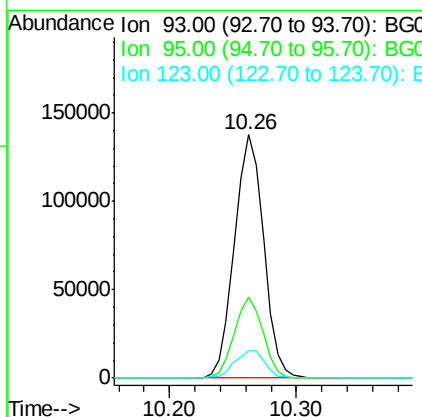
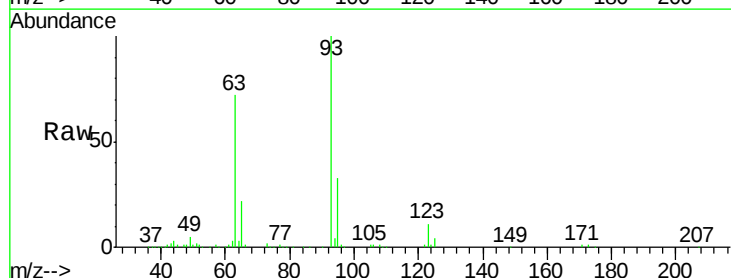
Instrument :
 BNA_G
 ClientSampled :

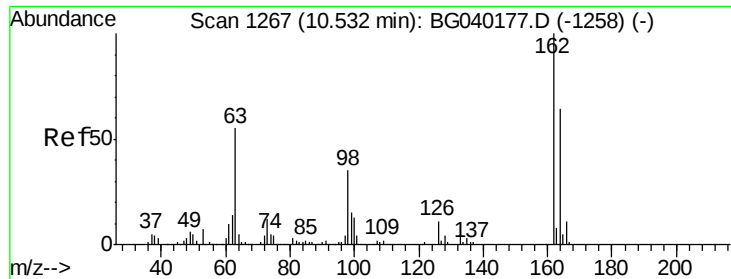
Tot Ion:122 Resp: 142674
 Ion Ratio Lower Upper
 122 100
 107 124.0 97.4 146.2
 121 59.7 47.7 71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.769 ng
 RT: 10.26 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Tgt Ion: 93 Resp: 219355
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.2 39.4
 123 11.1 9.4 14.0

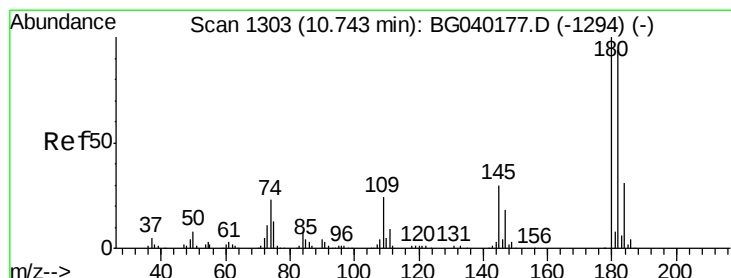
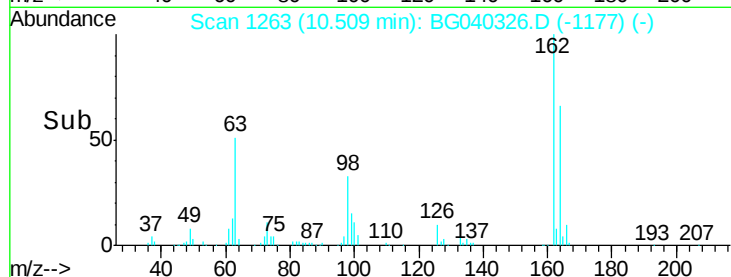
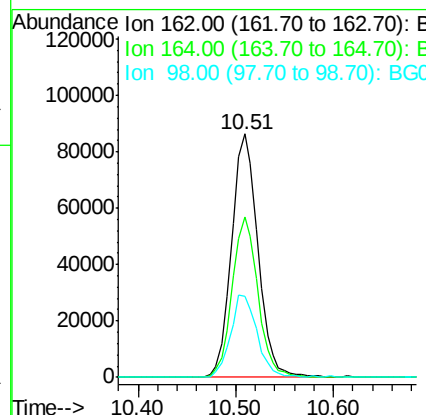
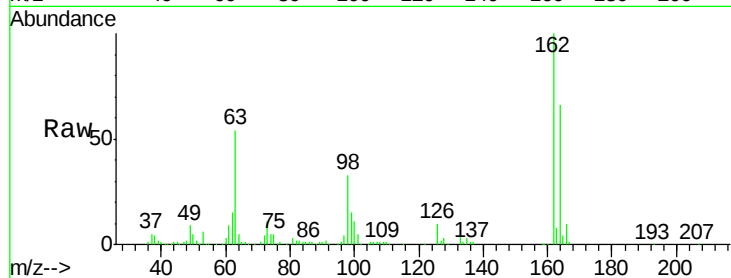




#29
2,4-Dichlorophenol
Concen: 43.303 ng
RT: 10.51 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

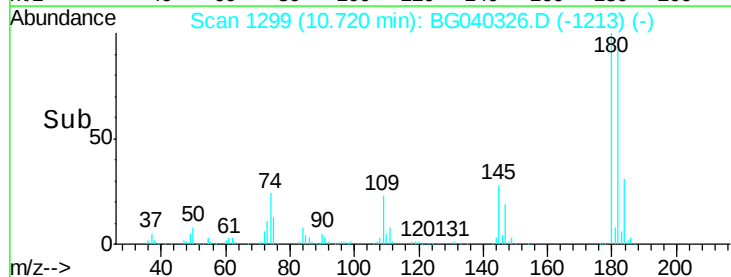
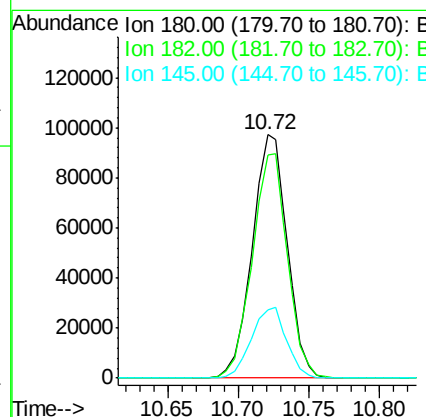
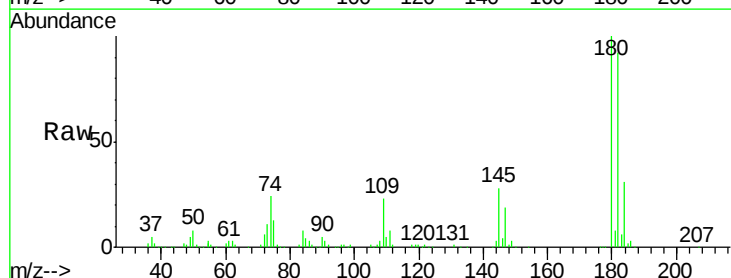
Instrument :
BNA_G
ClientSampleId :

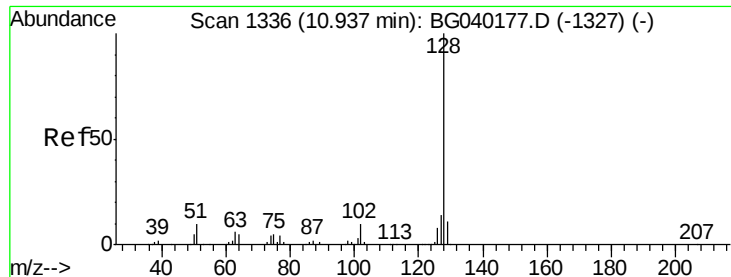
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	43.9	83.9
98	33.3	15.6	55.6



#30
1,2,4-Trichlorobenzene
Concen: 41.233 ng
RT: 10.72 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	75.1	112.7
145	28.0	24.1	36.1

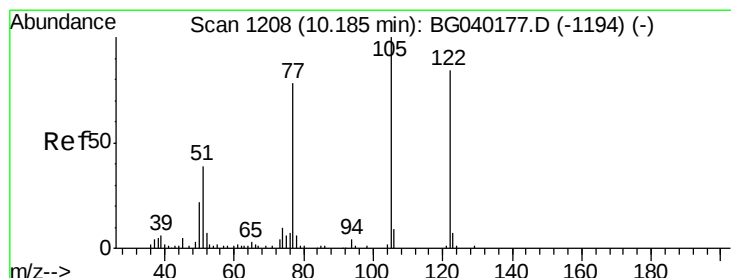
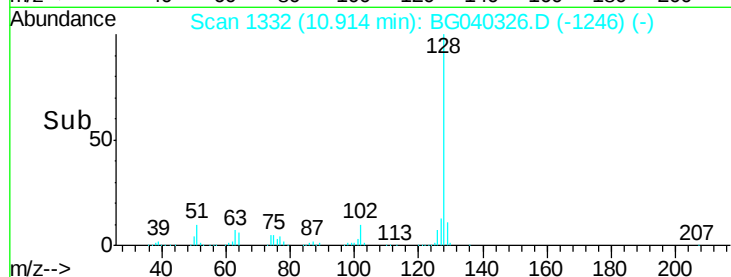
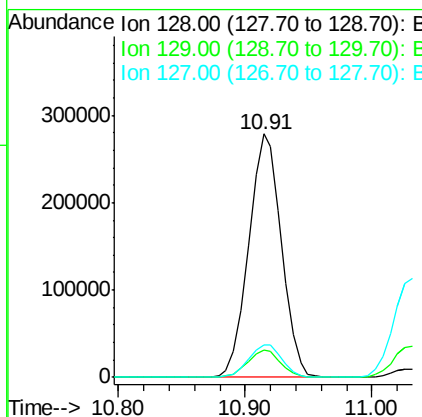
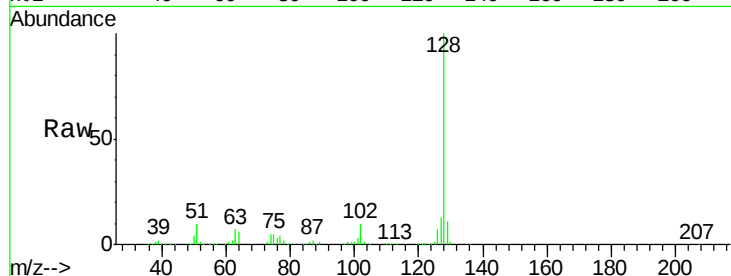




#31
Naphthalene
Concen: 41.422 ng
RT: 10.91 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

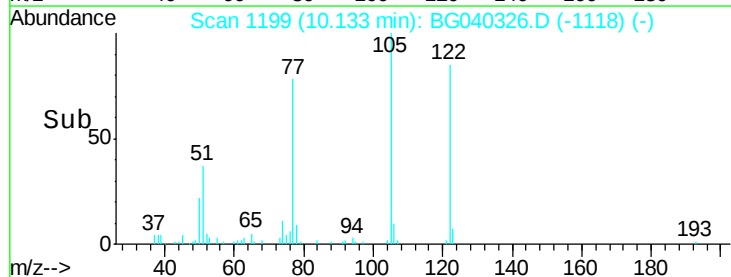
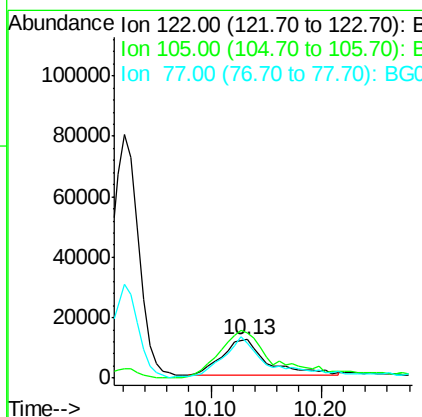
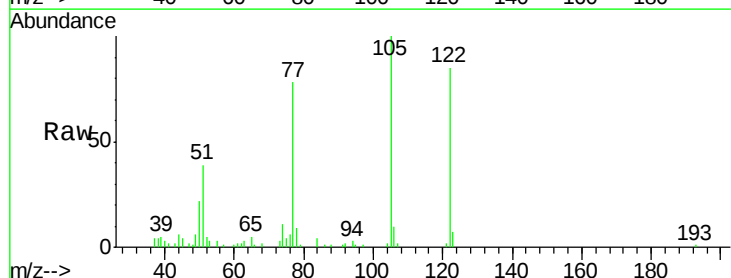
Instrument :
BNA_G
ClientSampleId :

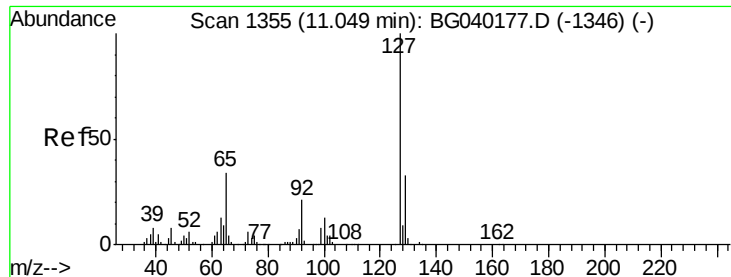
Tot Ion:128 Resp: 498817
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.2 11.4 17.0



#32
Benzoic acid
Concen: 16.650 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.05 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion:122 Resp: 34656
Ion Ratio Lower Upper
122 100
105 117.3 98.2 138.2
77 91.3 73.6 113.6

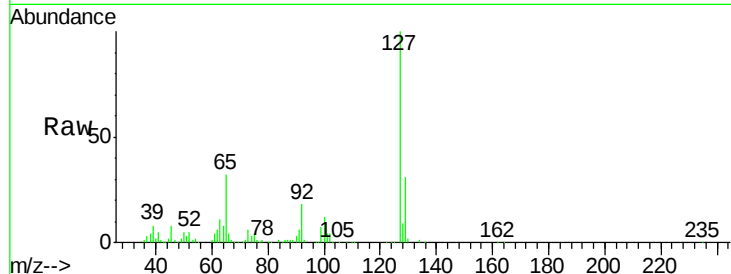




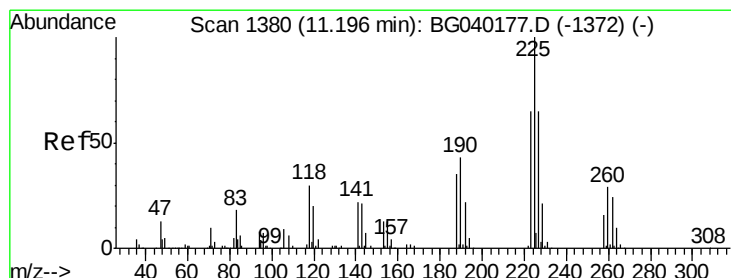
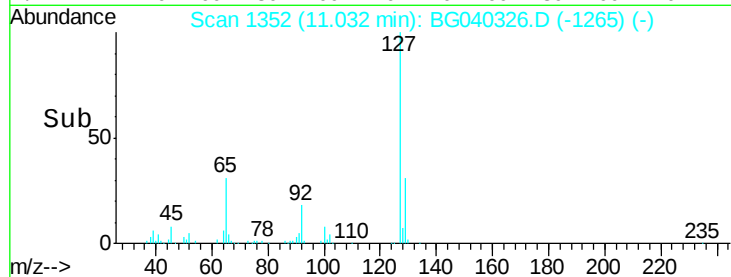
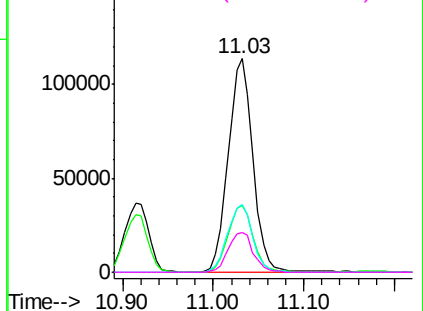
#33
4-Chloroaniline
Concen: 42.063 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	216061
Ion	Ratio	Lower Upper
127	100	
129	31.4	26.6 40.0
65	31.7	27.0 40.4
92	18.4	16.6 25.0

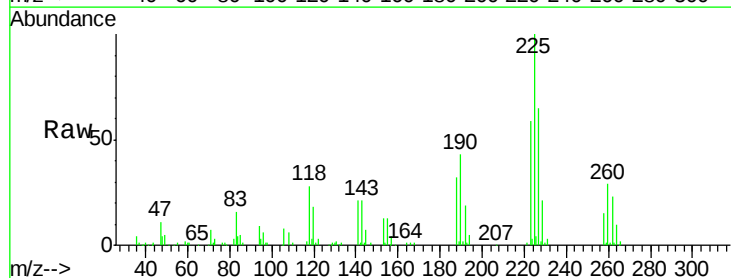


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

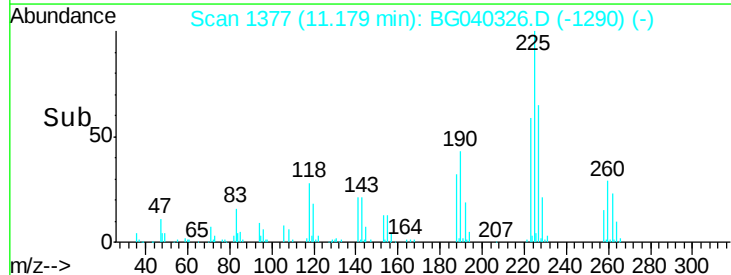
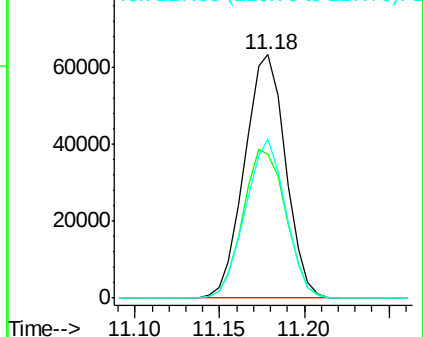


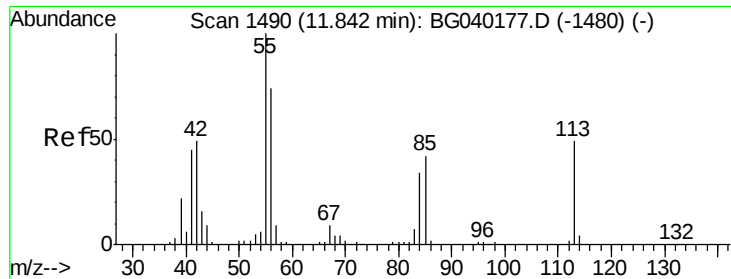
#34
Hexachlorobutadiene
Concen: 40.808 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion:225	Resp:	107157
Ion	Ratio	Lower Upper
225	100	
223	59.0	51.8 77.8
227	67.7	54.9 82.3



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

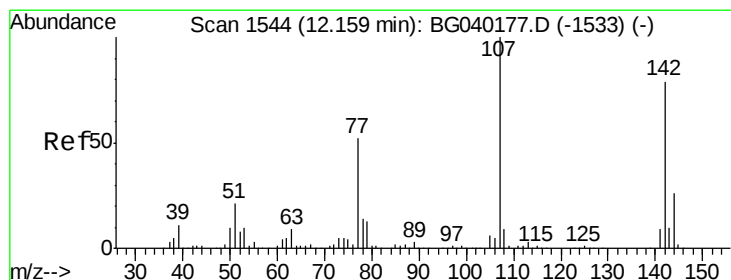
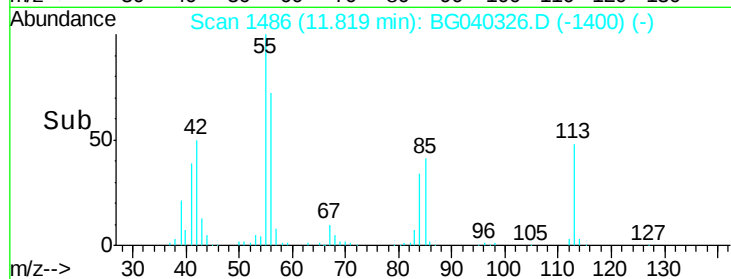
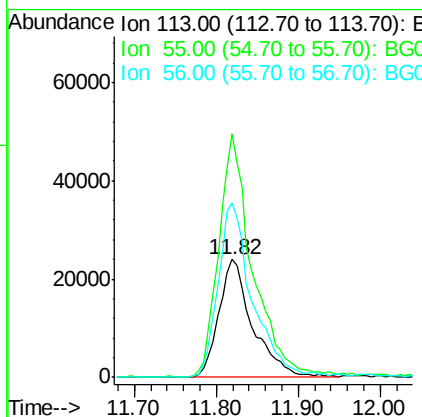
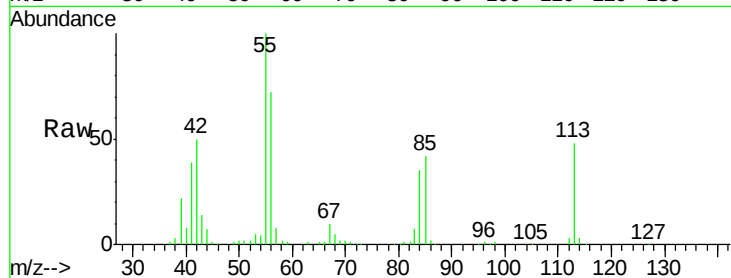




#35
 Caprolactam
 Concen: 46.476 ng
 RT: 11.82 min Scan# 1486
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

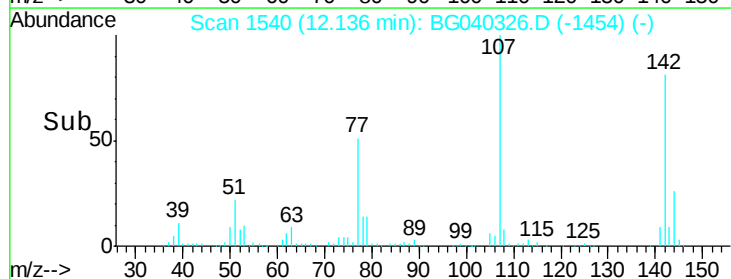
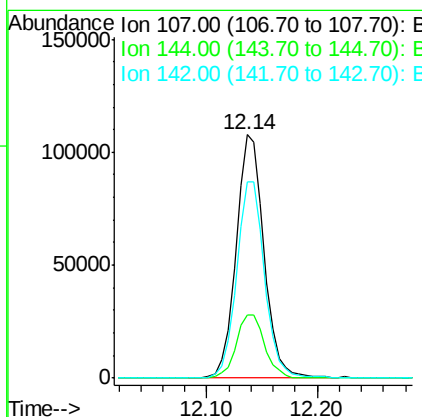
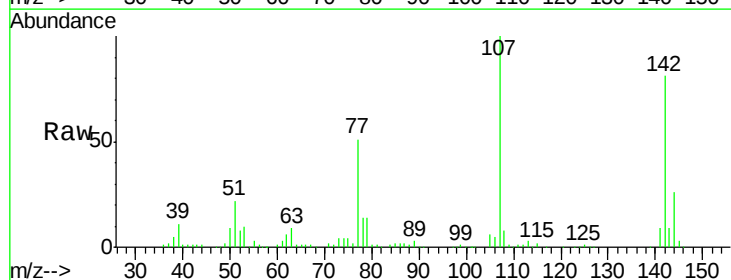
Instrument :
 BNA_G
 ClientSampleID :

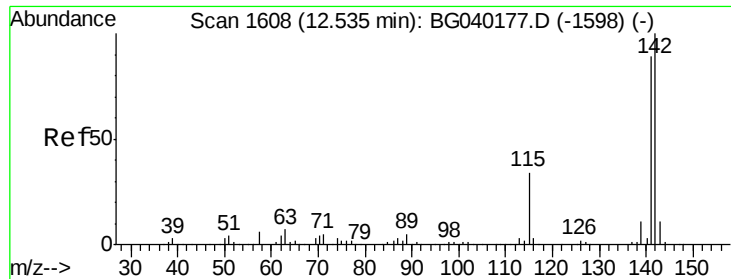
Tot Ion:113 Resp: 68965
 Ion Ratio Lower Upper
 113 100
 55 206.2 184.2 224.2
 56 147.5 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.355 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Tgt Ion:107 Resp: 190669
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 80.8 63.1 94.7

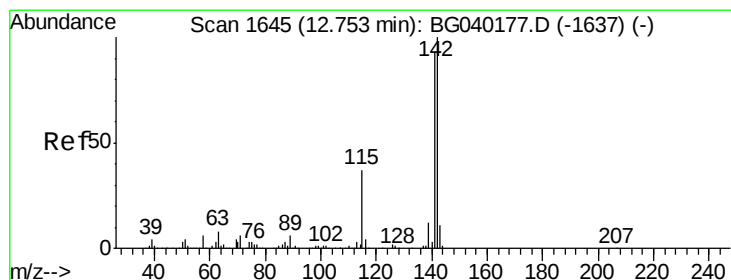
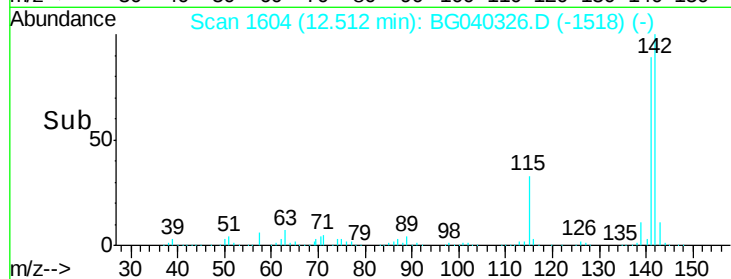
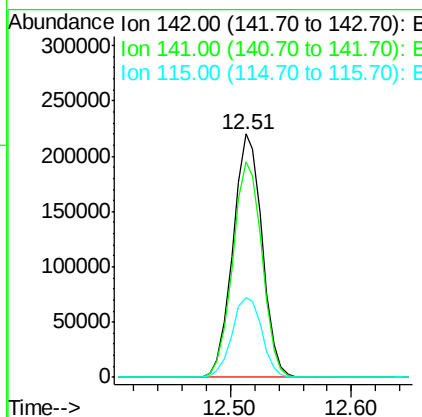
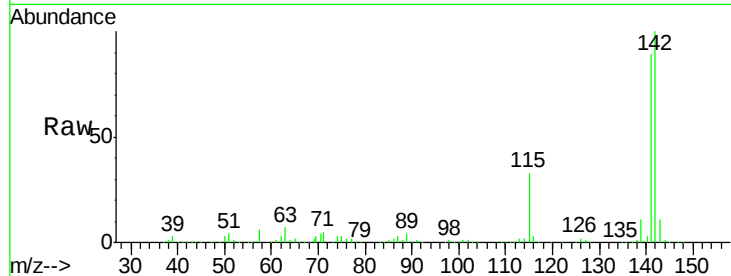




#37
 2-Methylnaphthalene
 Concen: 41.582 ng
 RT: 12.51 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

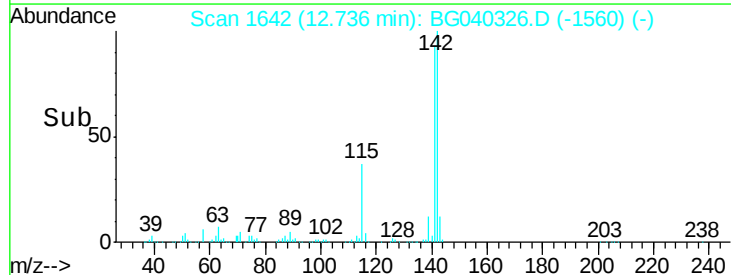
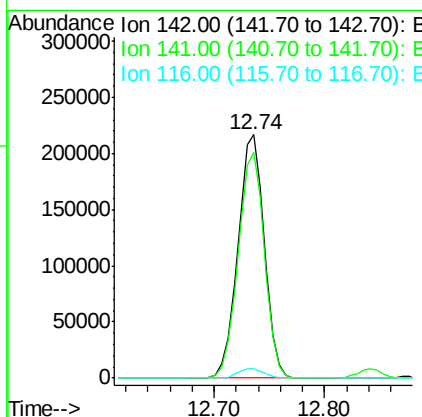
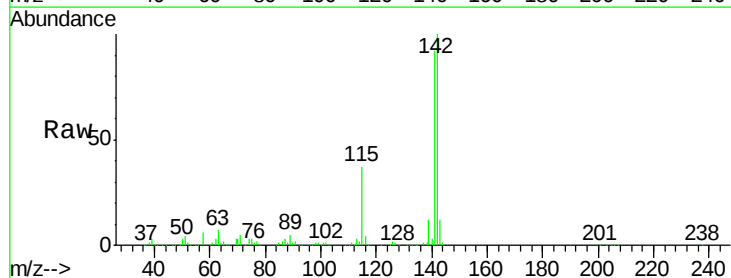
Instrument :
 BNA_G
 ClientSampled :

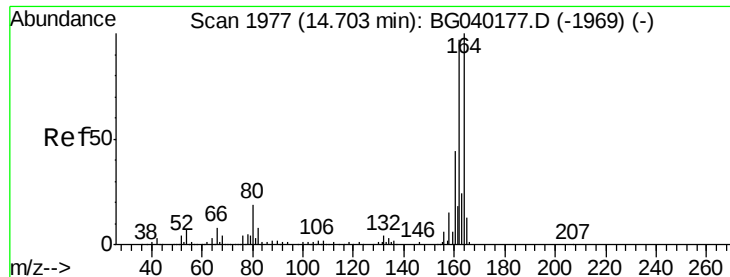
Tot Ion:142 Resp: 370335
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.6
 115 32.7 27.3 40.9



#38
 1-Methylnaphthalene
 Concen: 41.892 ng
 RT: 12.74 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Tgt Ion:142 Resp: 361793
 Ion Ratio Lower Upper
 142 100
 141 92.5 74.2 111.4
 116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

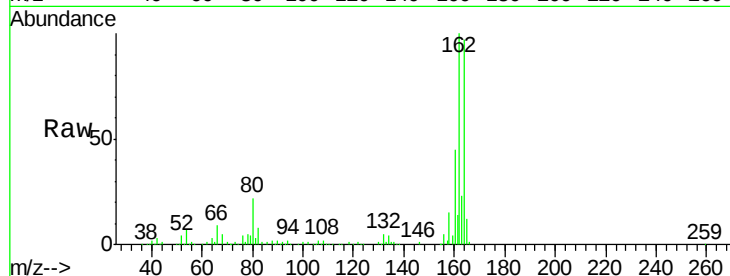
Tot Ion:164 Resp: 153932

Ion Ratio Lower Upper

164 100

162 102.8 77.4 116.2

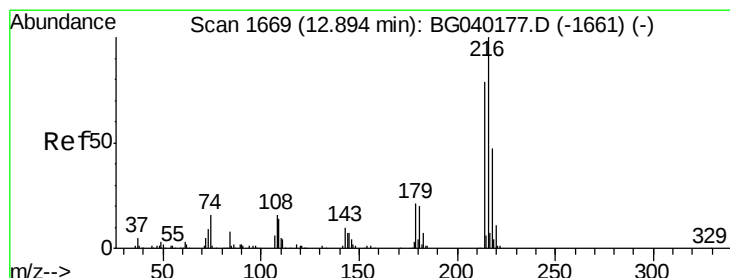
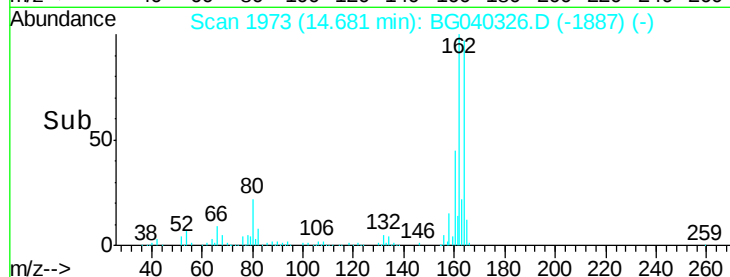
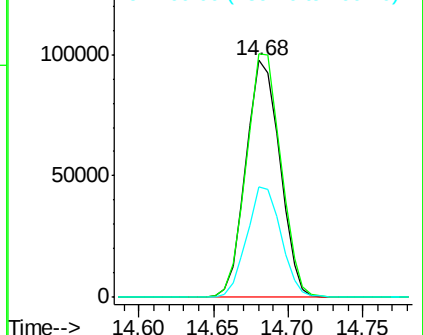
160 46.5 35.3 52.9



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: 39.650 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Tgt Ion:216 Resp: 193986

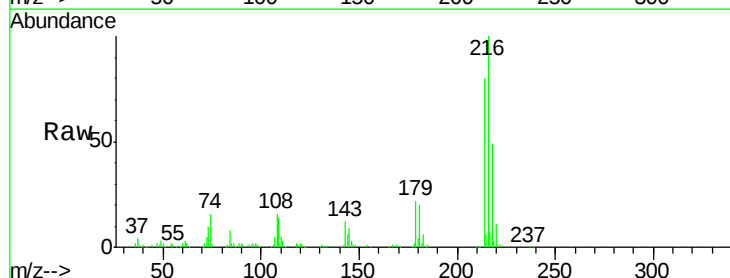
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 20.8 16.6 25.0

108 17.6 13.8 20.8

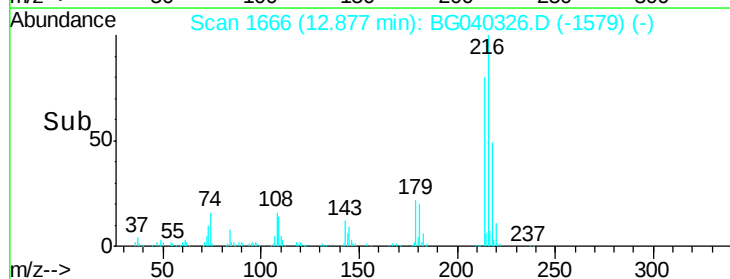
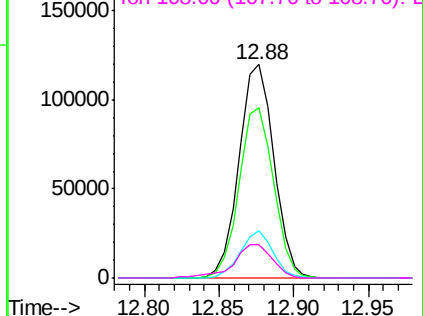


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.751 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

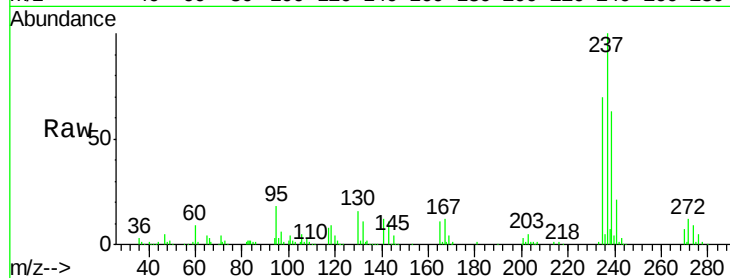
Tot Ion:237 Resp: 106785

Ion Ratio Lower Upper

237 100

235 70.0 46.2 86.2

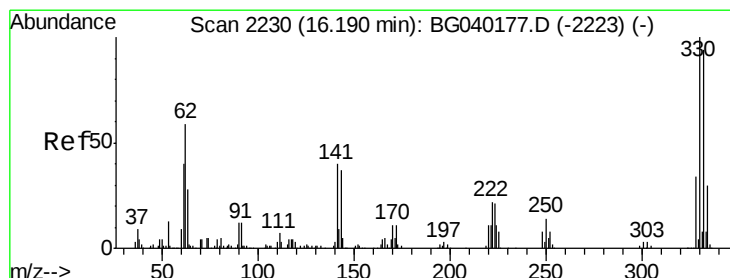
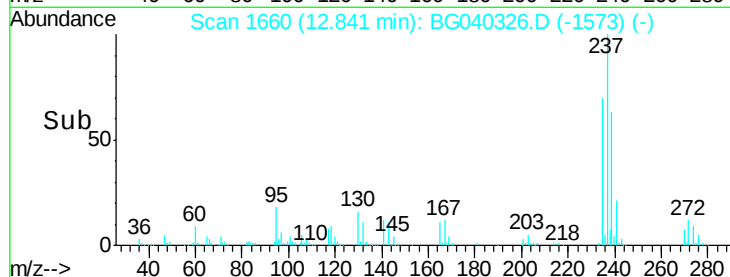
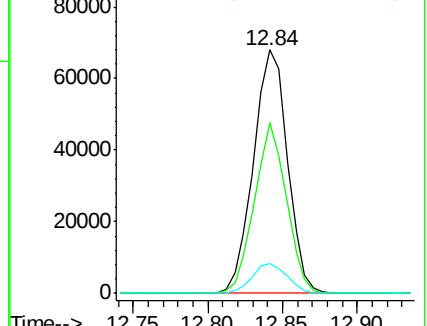
272 12.1 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 99.793 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

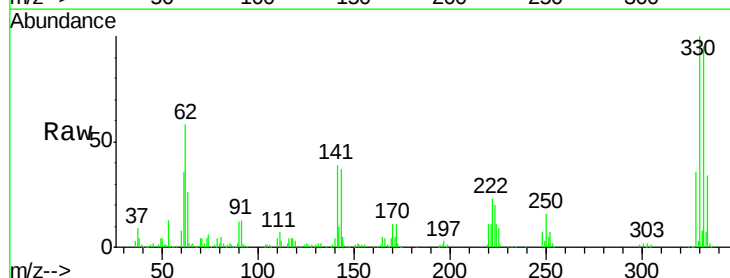
Tgt Ion:330 Resp: 166016

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

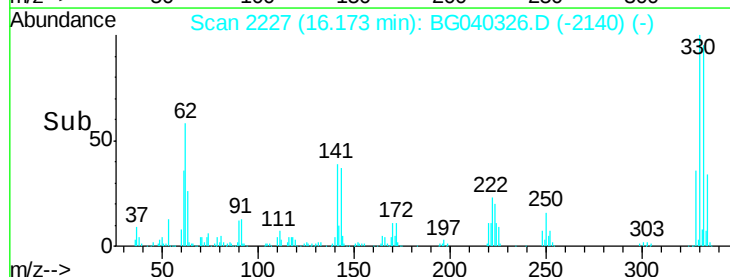
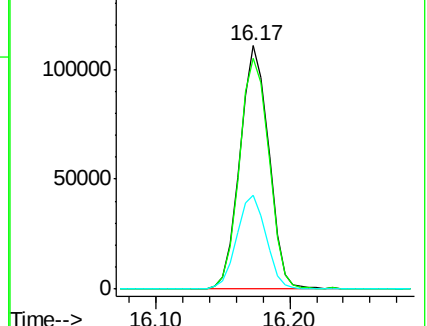
141 39.5 32.6 48.8



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

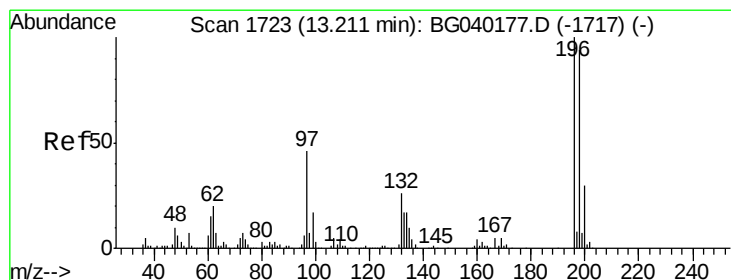
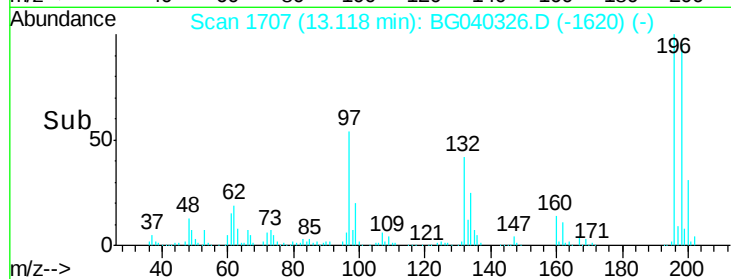
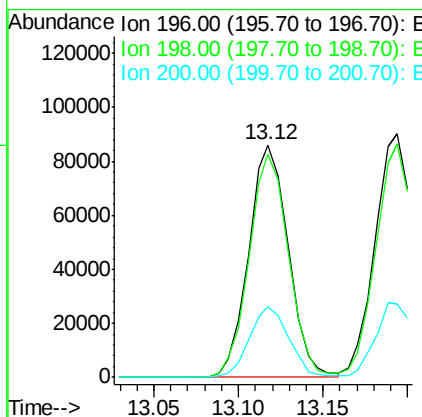
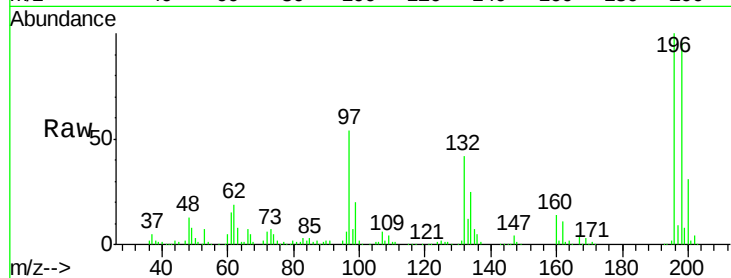




#43
 2,4,6-Trichlorophenol
 Concen: 44.310 ng
 RT: 13.12 min Scan# 1707
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

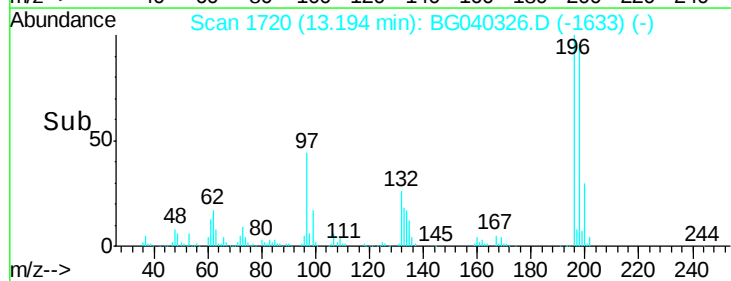
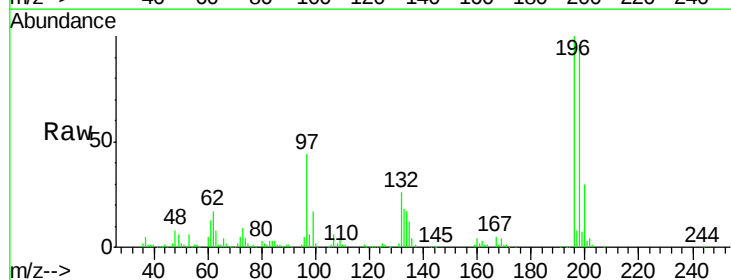
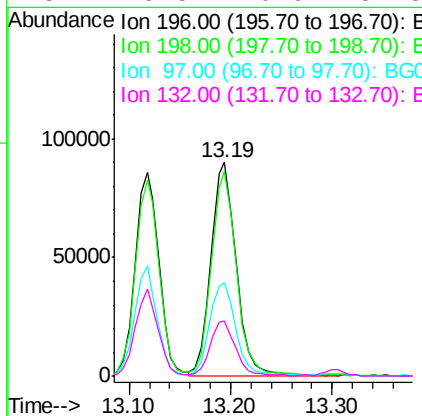
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 139768
 Ion Ratio Lower Upper
 196 100
 198 96.0 78.3 117.5
 200 30.6 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 45.074 ng
 RT: 13.19 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Tgt Ion:196 Resp: 154973
 Ion Ratio Lower Upper
 196 100
 198 95.9 75.0 112.6
 97 43.9 37.3 55.9
 132 25.5 20.9 31.3

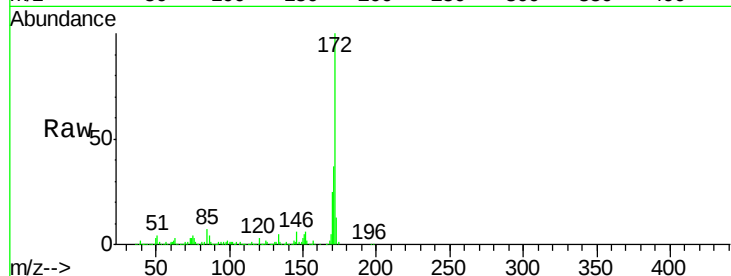




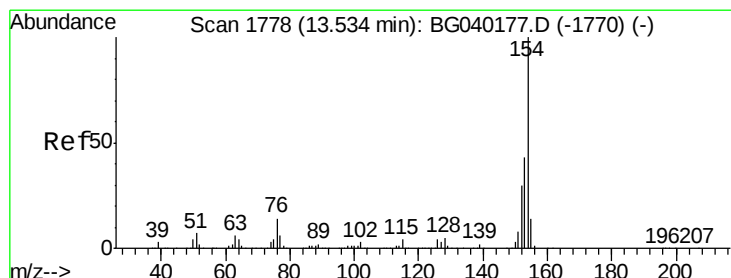
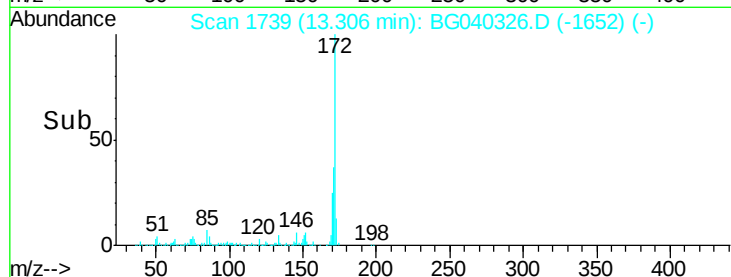
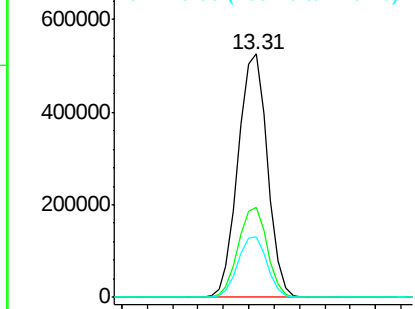
#45
2-Fluorobiphenyl
Concen: 80.955 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.7	20.1	30.1

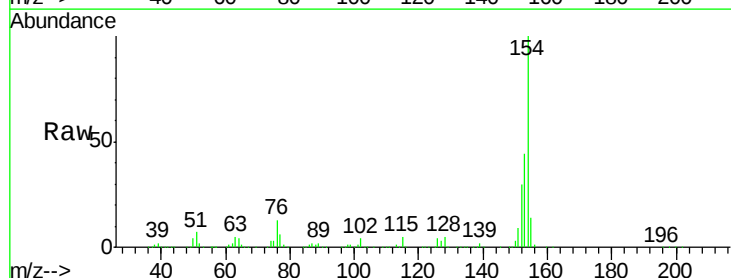


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

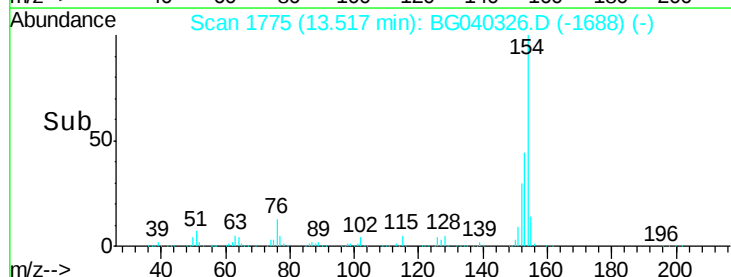
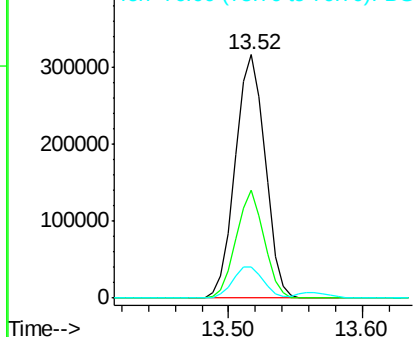


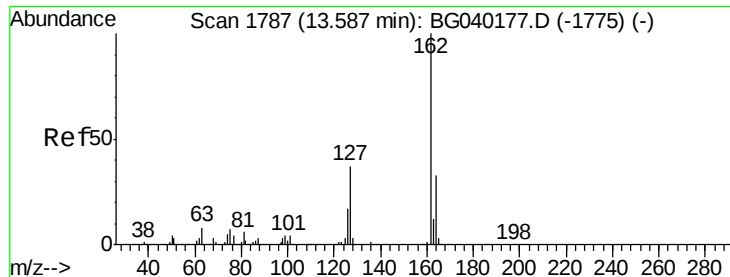
#46
1,1'-Biphenyl
Concen: 40.297 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.4	22.5	62.5
76	12.9	0.0	33.7



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

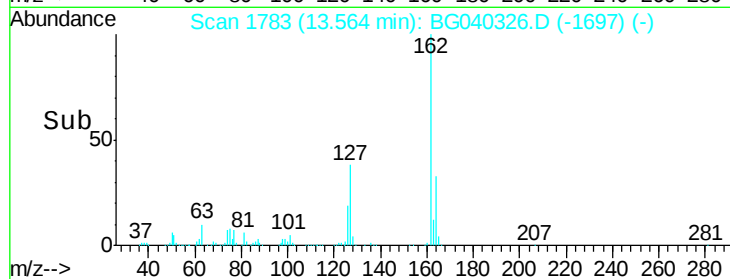
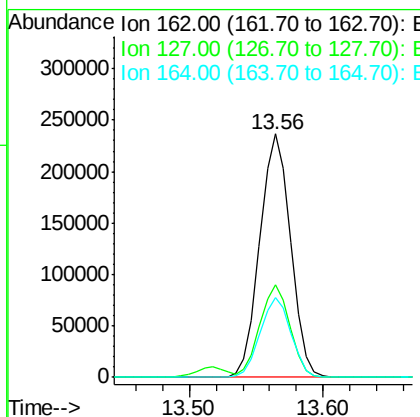
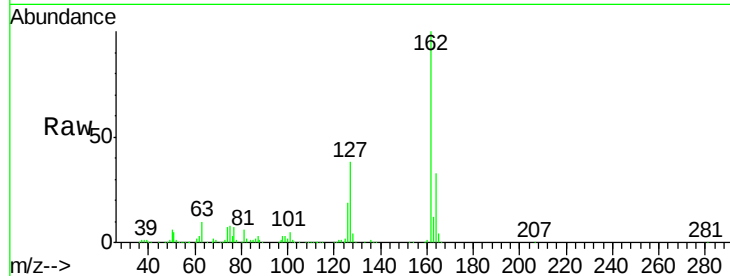




#47
 2-Chloronaphthalene
 Concen: 40.390 ng
 RT: 13.56 min Scan# 1783
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

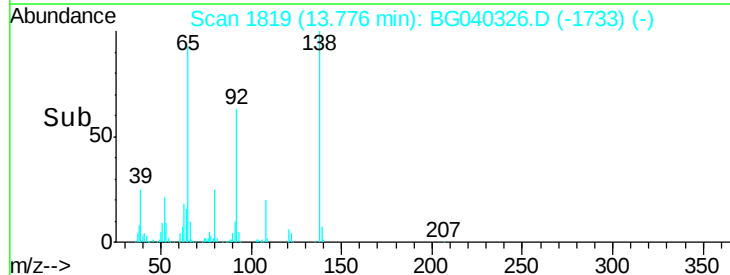
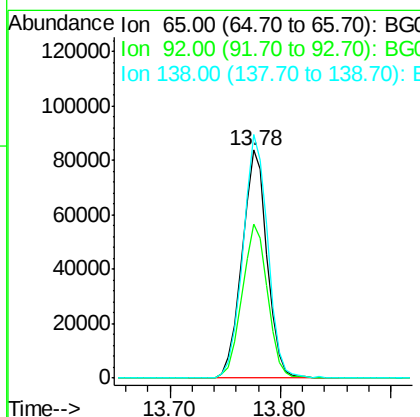
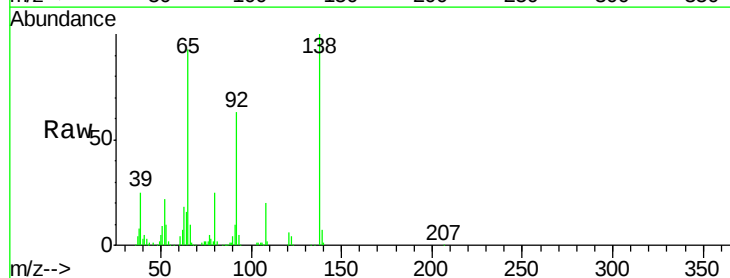
Instrument :
 BNA_G
 ClientSampleId :

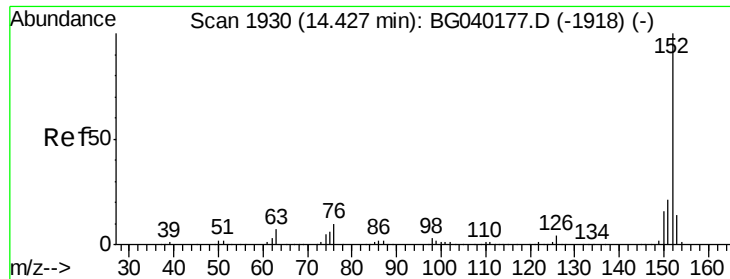
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.6	45.8
164	32.9	26.2	39.4



#48
 2-Nitroaniline
 Concen: 42.533 ng
 RT: 13.78 min Scan# 1819
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.5	53.8	80.6
138	107.0	86.3	129.5





#49

Acenaphthylene

Concen: 42.047 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

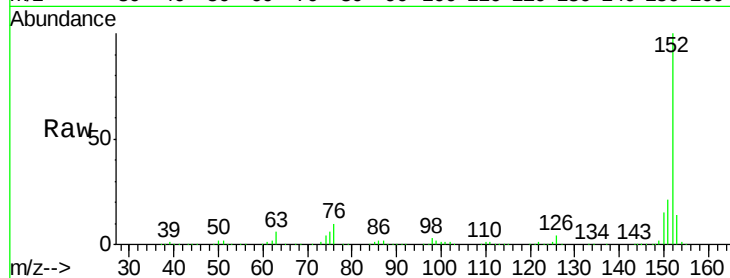
Tot Ion:152 Resp: 665100

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.6

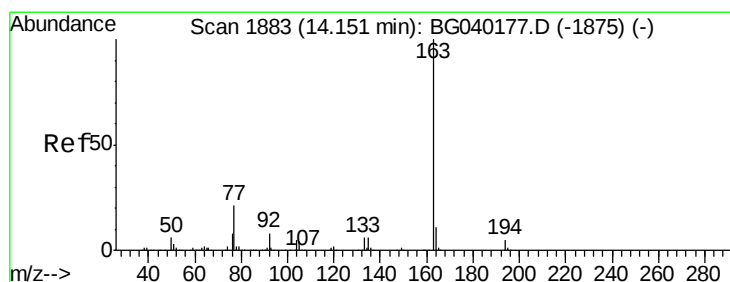
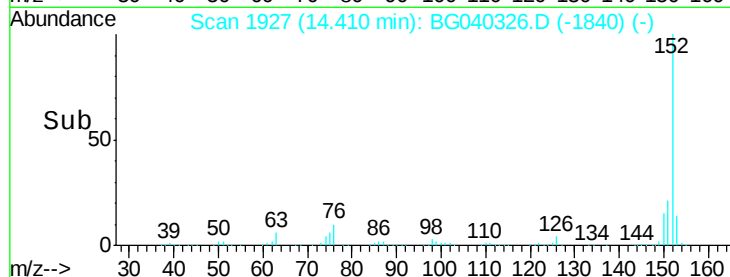
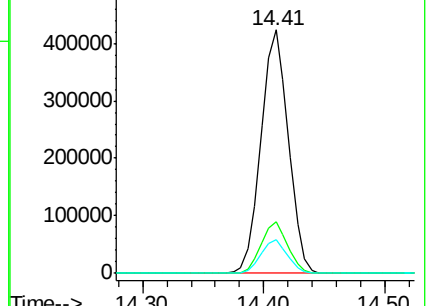
153 13.9 10.8 16.2



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: 43.995 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

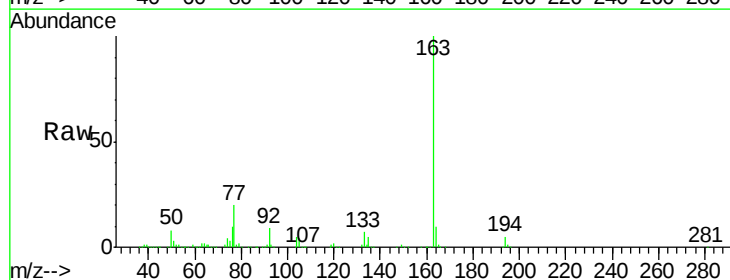
Tgt Ion:163 Resp: 530023

Ion Ratio Lower Upper

163 100

194 4.9 4.1 6.1

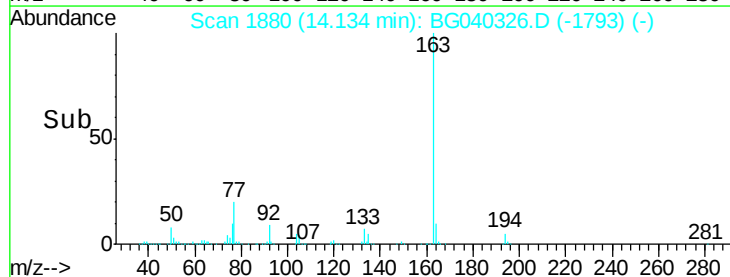
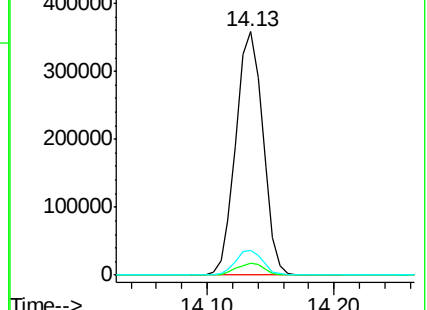
164 10.4 8.6 13.0

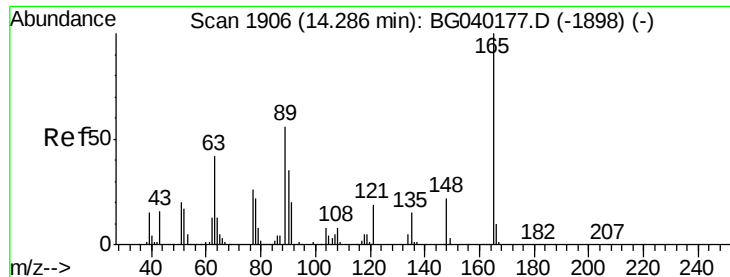


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

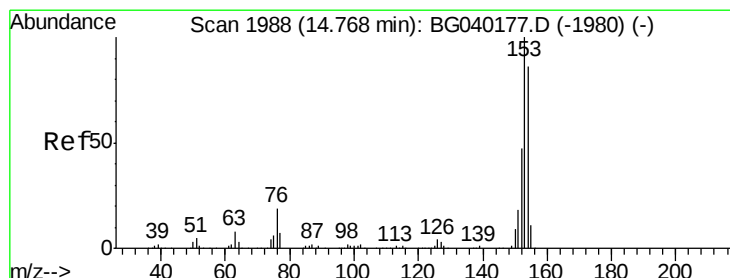
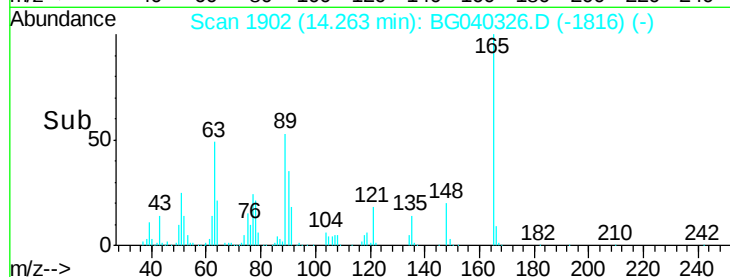
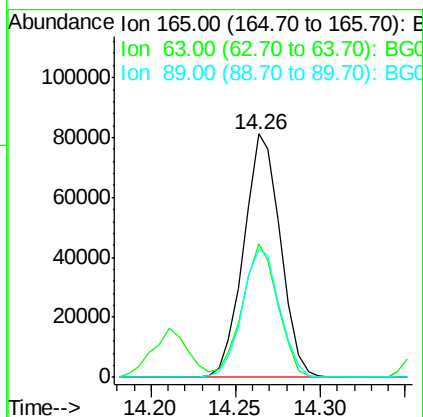
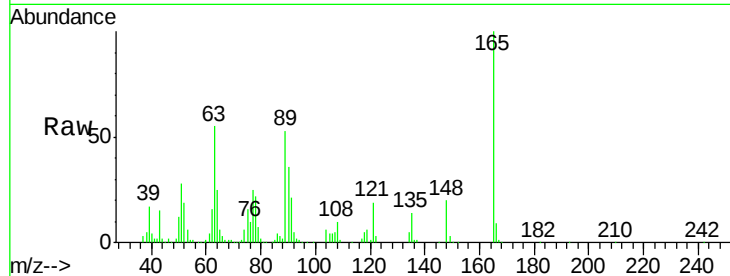




#51
2,6-Dinitrotoluene
Concen: 45.257 ng
RT: 14.26 min Scan# 1902
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

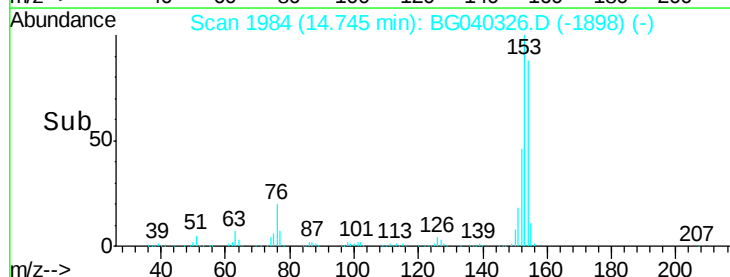
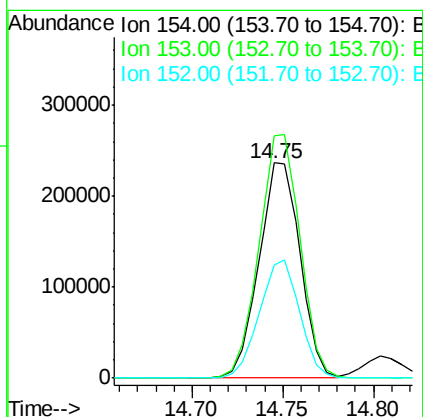
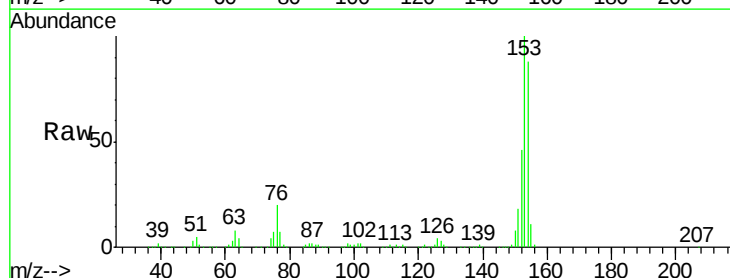
Instrument :
BNA_G
ClientSampled :

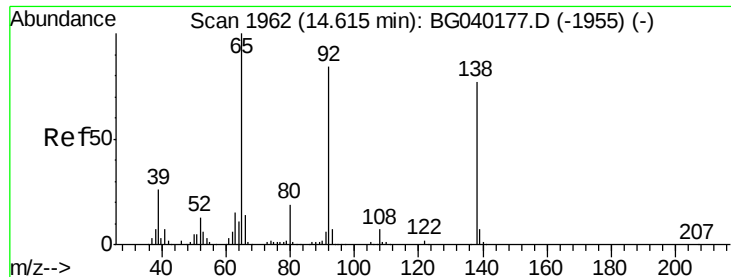
Tot Ion:165 Resp: 122422
Ion Ratio Lower Upper
165 100
63 54.9 44.1 66.1
89 53.0 44.9 67.3



#52
Acenaphthene
Concen: 41.264 ng
RT: 14.75 min Scan# 1984
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion:154 Resp: 374018
Ion Ratio Lower Upper
154 100
153 113.1 92.8 139.2
152 52.5 43.4 65.2





#53

3-Nitroaniline

Concen: 45.851 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

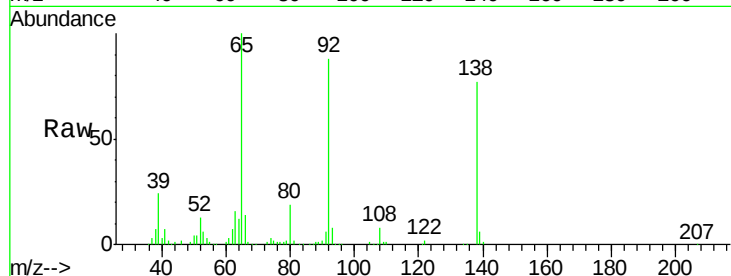
Tot Ion:138 Resp: 131288

Ion Ratio Lower Upper

138 100

108 10.0 7.8 11.8

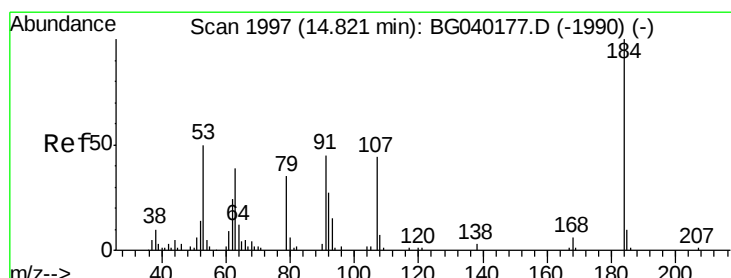
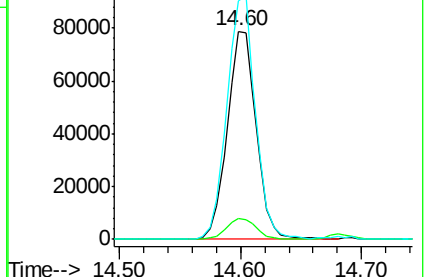
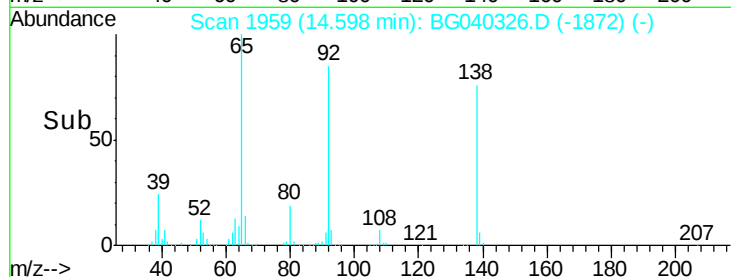
92 114.7 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 50.754 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

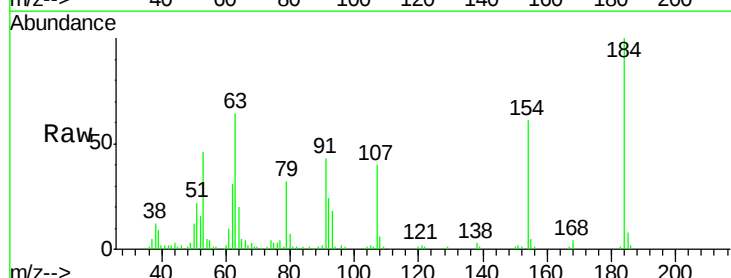
Tgt Ion:184 Resp: 73016

Ion Ratio Lower Upper

184 100

63 64.2 51.8 77.8

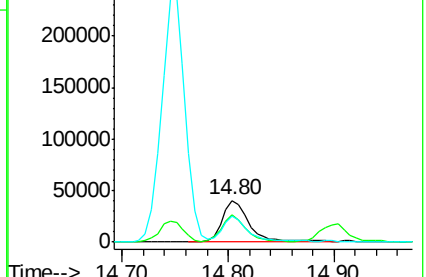
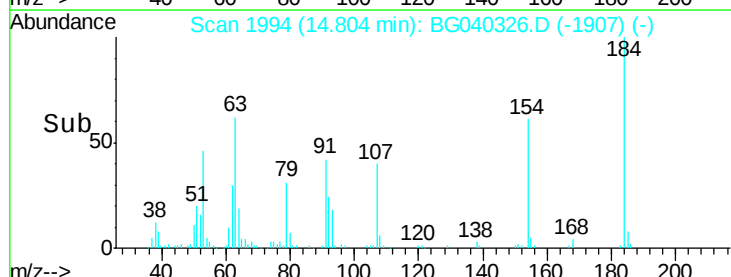
154 61.4 50.9 76.3

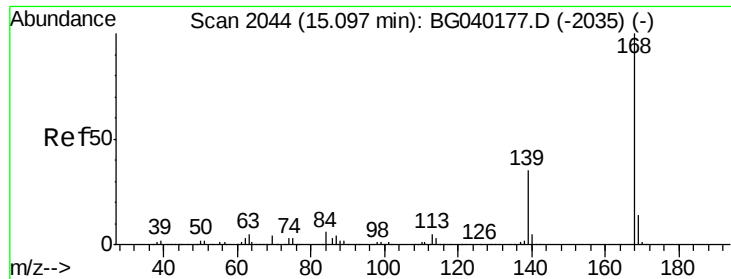


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

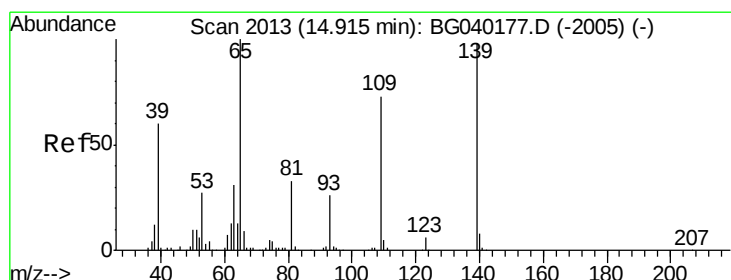
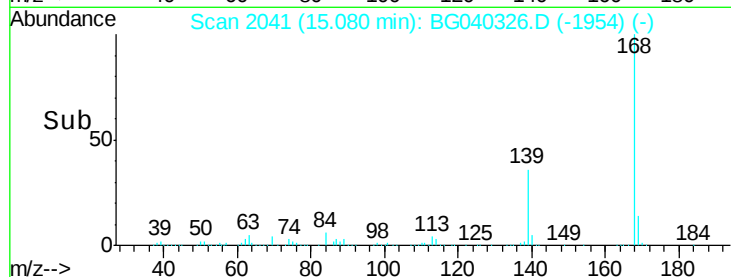
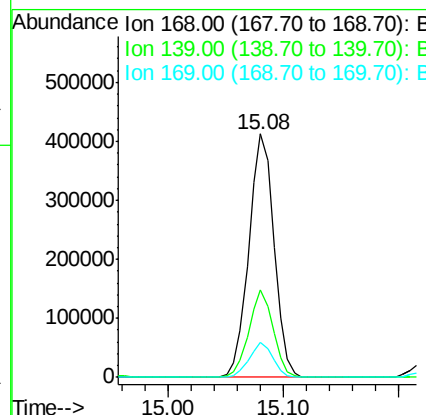
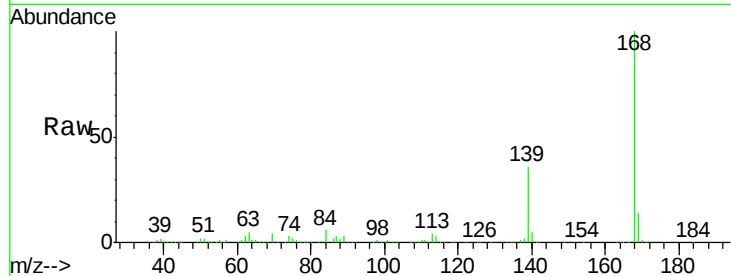




#55
Dibenzofuran
Concen: 42.849 ng
RT: 15.08 min Scan# 2041
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

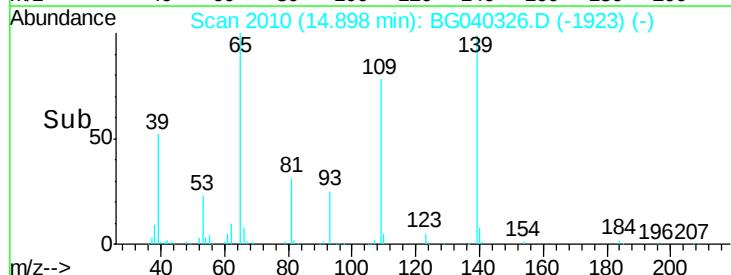
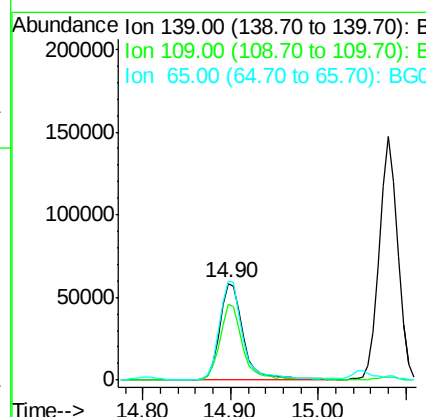
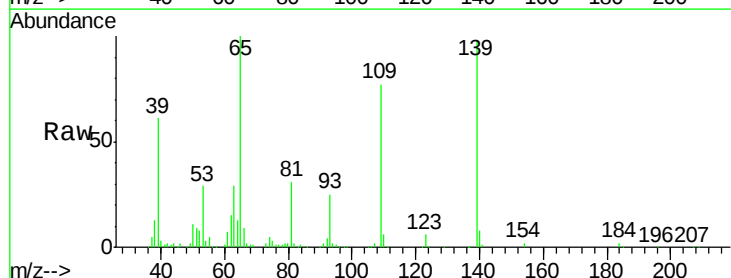
Instrument :
BNA_G
ClientSampleId :

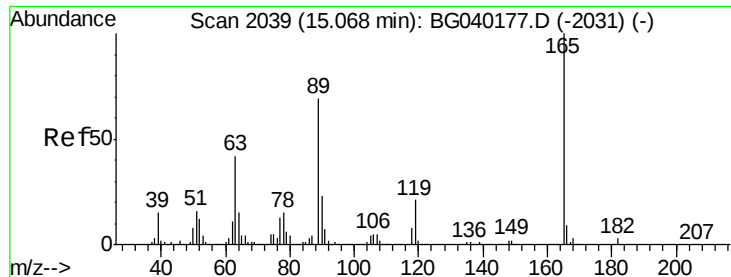
Tot Ion:168 Resp: 624074
Ion Ratio Lower Upper
168 100
139 35.7 27.9 41.9
169 14.1 11.3 16.9



#56
4-Nitrophenol
Concen: 48.122 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion:139 Resp: 111210
Ion Ratio Lower Upper
139 100
109 78.7 54.3 94.3
65 102.5 82.5 122.5





#57

2,4-Dinitrotoluene

Concen: 47.546 ng

RT: 15.05 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

Tot Ion:165 Resp: 178713

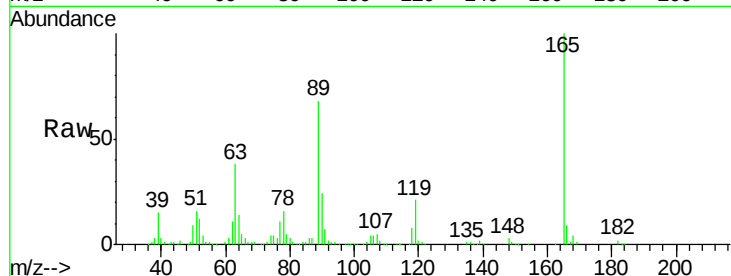
Ion Ratio Lower Upper

165 100

63 38.1 33.8 50.6

89 68.4 55.4 83.2

182 2.4 2.2 3.4

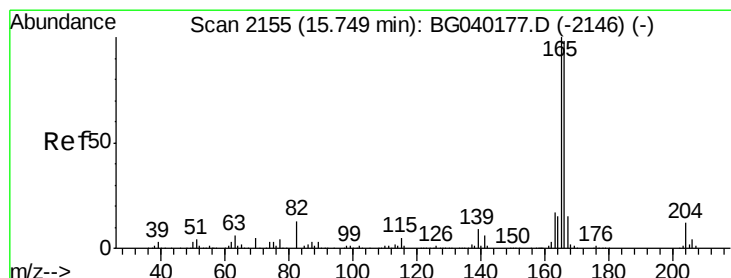
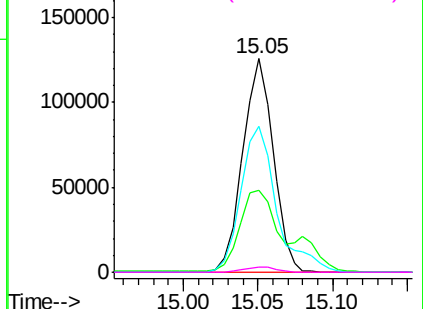
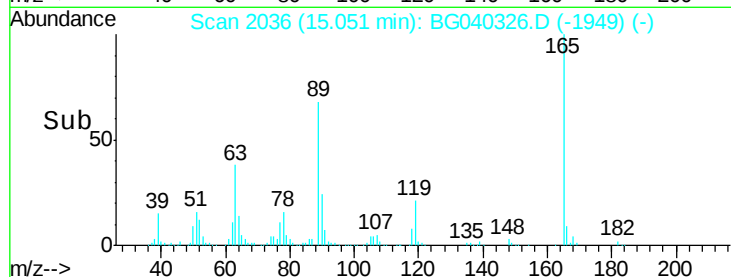


Abundance Ion 165.00 (164.70 to 165.70): E

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: 43.670 ng

RT: 15.73 min Scan# 2151

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

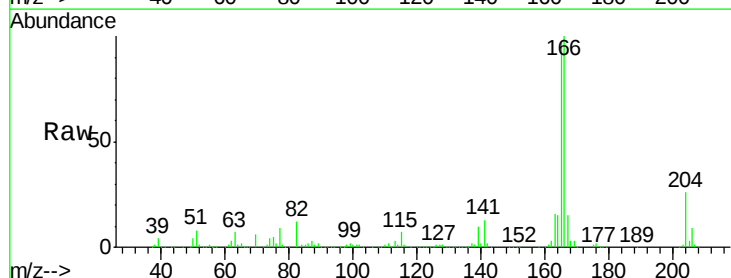
Tgt Ion:166 Resp: 500053

Ion Ratio Lower Upper

166 100

165 97.2 81.7 122.5

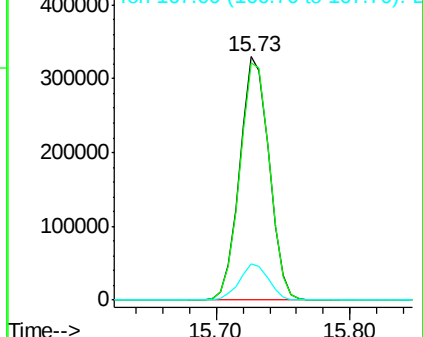
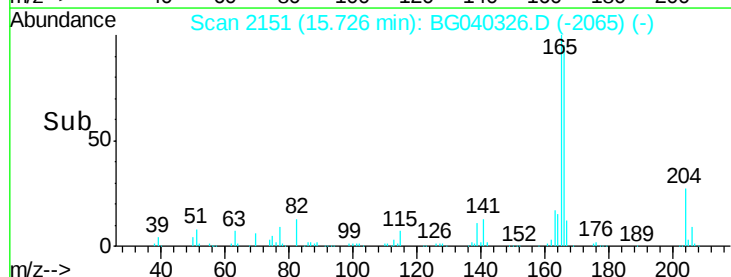
167 14.9 11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

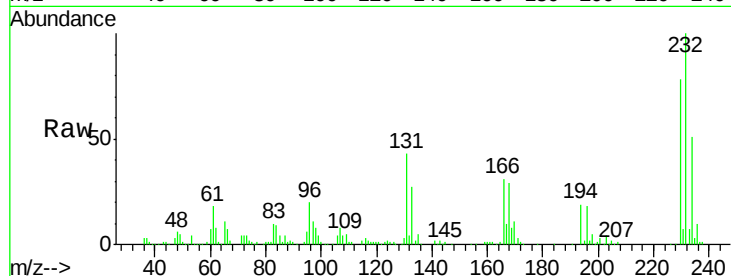




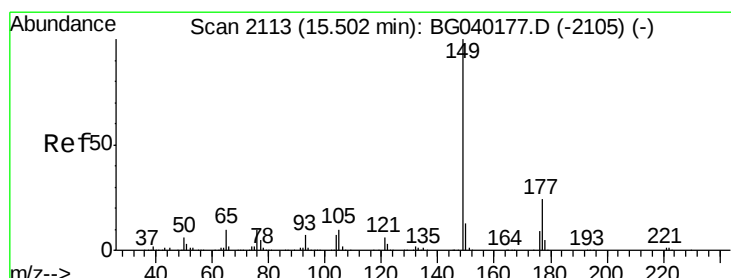
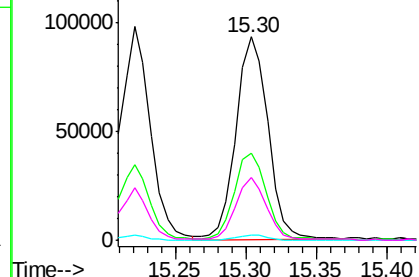
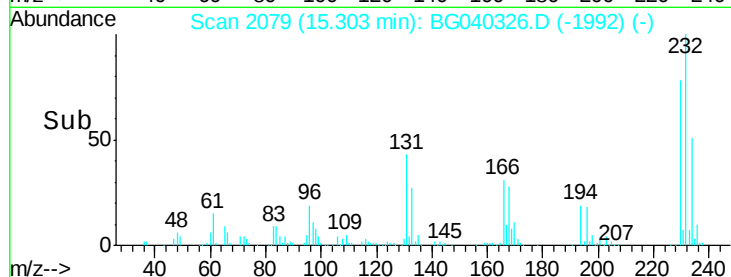
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.365 ng
RT: 15.30 min Scan# 2079
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232	Resp:	147778
Ion Ratio	Lower	Upper
232	100	
131	43.3	32.9 49.3
130	2.6	1.8 2.8
166	28.7	23.5 35.3

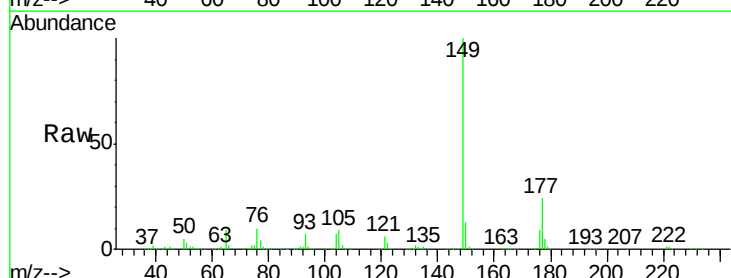


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

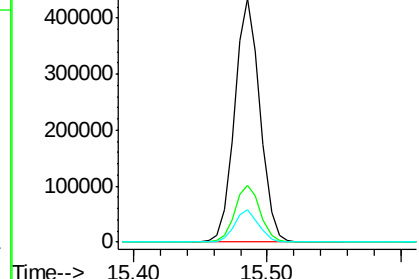
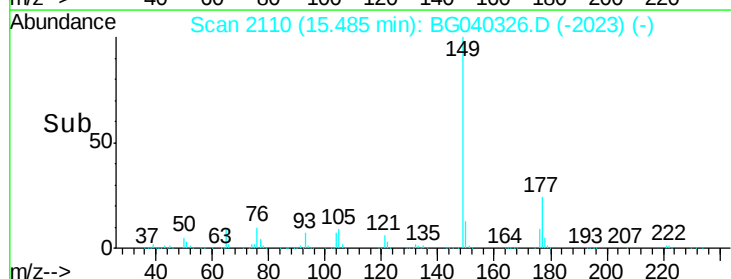


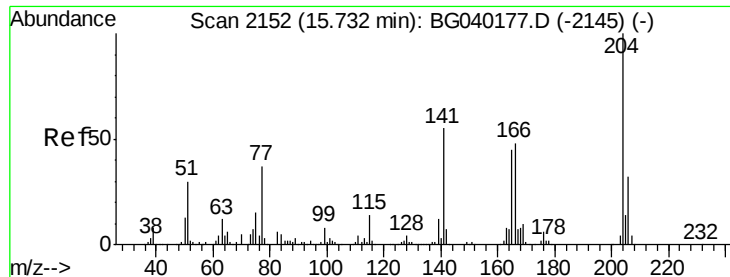
#60
Diethylphthalate
Concen: 46.589 ng
RT: 15.49 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion:149	Resp:	574342
Ion Ratio	Lower	Upper
149	100	
177	23.5	19.1 28.7
150	13.2	10.6 15.8



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

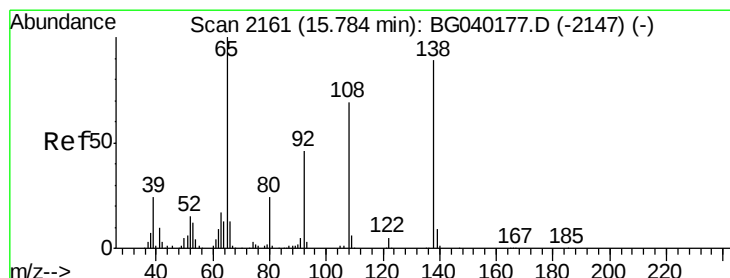
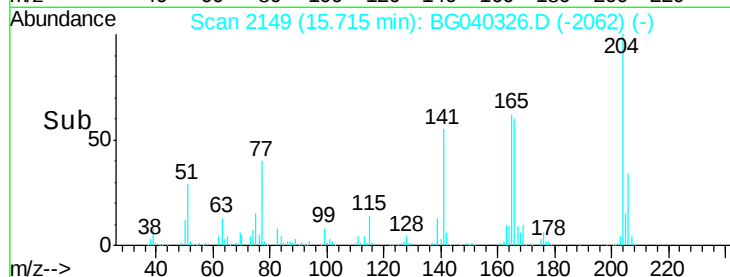
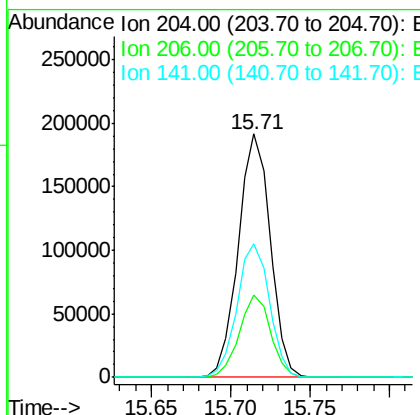
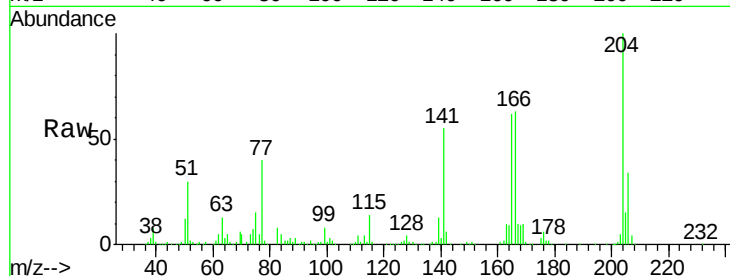




#61
 4-Chlorophenyl-phenylether
 Concen: 43.750 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

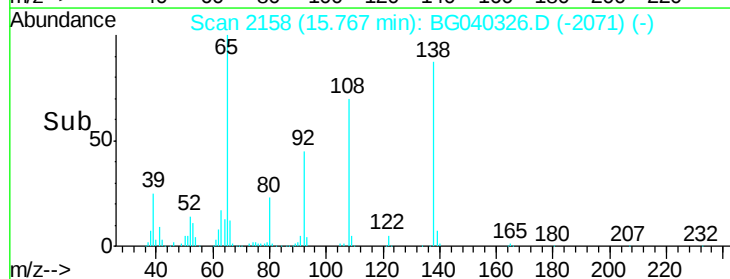
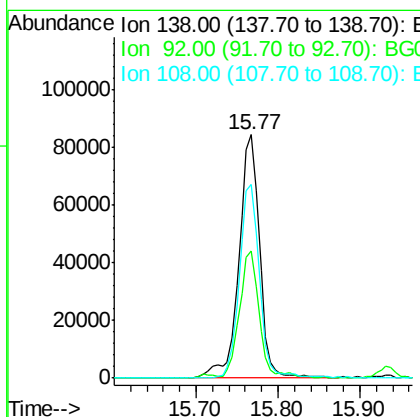
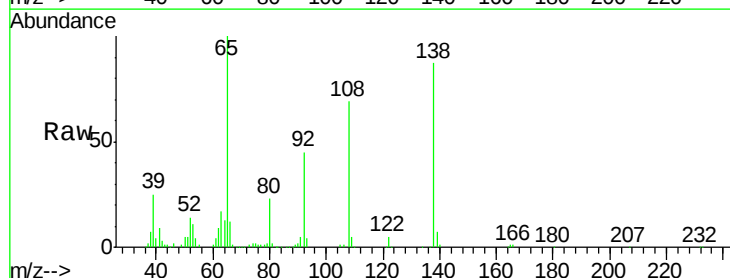
Instrument :
 BNA_G
 ClientSampleId :

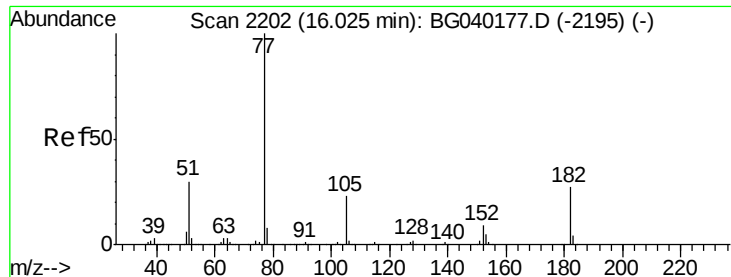
Tot Ion:204 Resp: 267783
 Ion Ratio Lower Upper
 204 100
 206 34.1 25.7 38.5
 141 55.1 44.0 66.0



#62
 4-Nitroaniline
 Concen: 48.467 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Tgt Ion:138 Resp: 148933
 Ion Ratio Lower Upper
 138 100
 92 52.1 31.8 71.8
 108 79.6 57.2 97.2

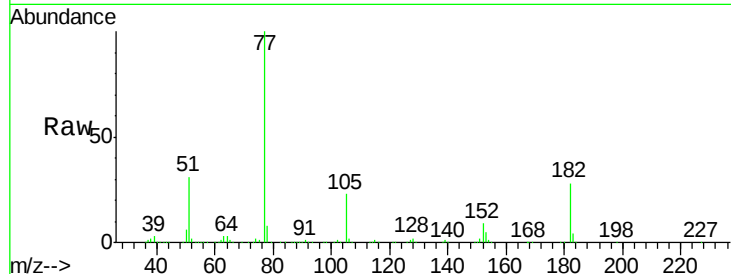




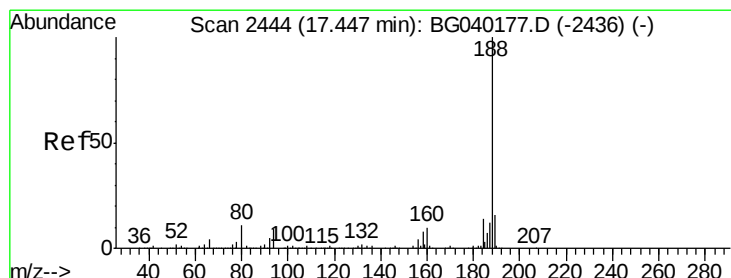
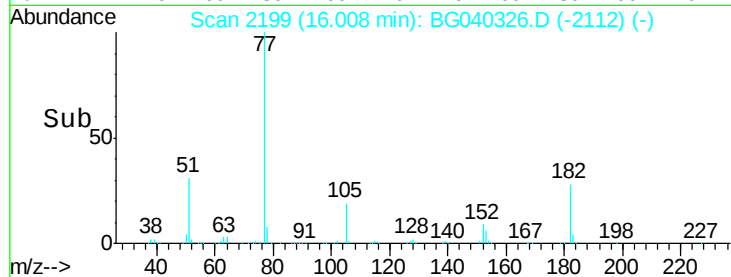
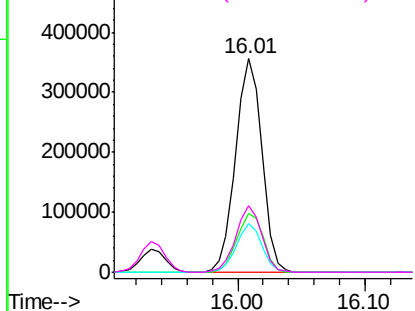
#63
Azobenzene
Concen: 43.644 ng
RT: 16.01 min Scan# 2199
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 507512
Ion Ratio Lower Upper
77 100
182 27.8 7.2 47.2
105 22.6 2.8 42.8
51 31.0 10.4 50.4

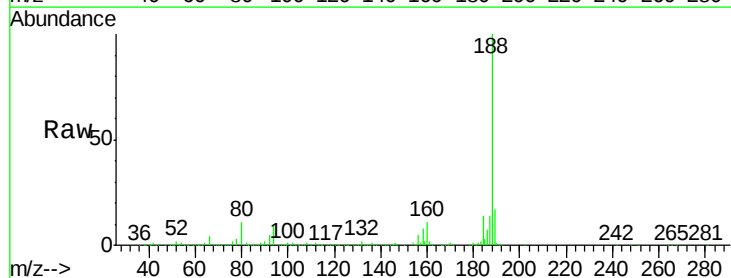


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

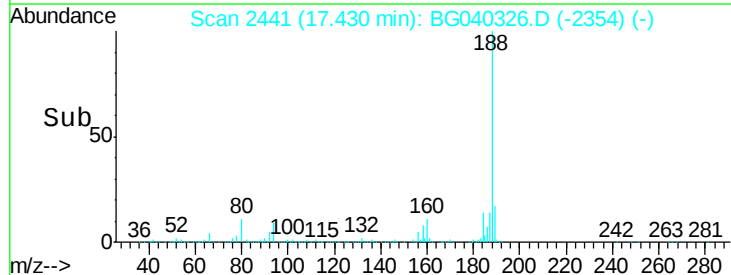
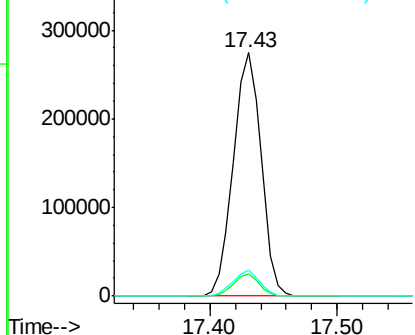


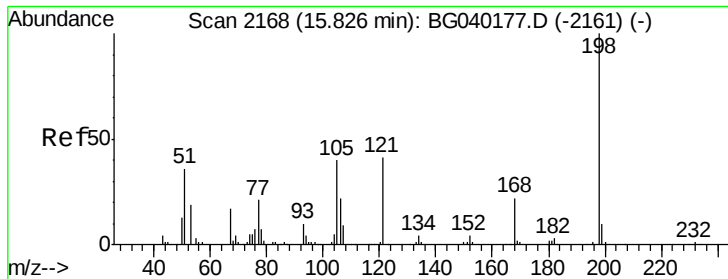
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion: 188 Resp: 415478
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.7 8.6 13.0



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

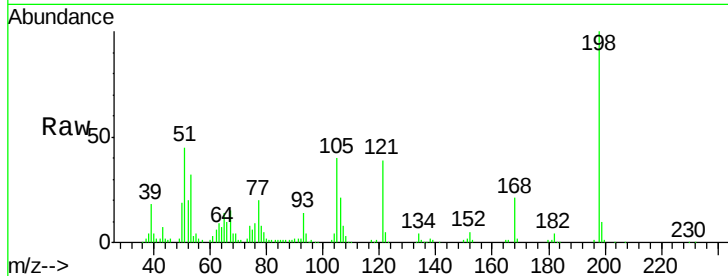




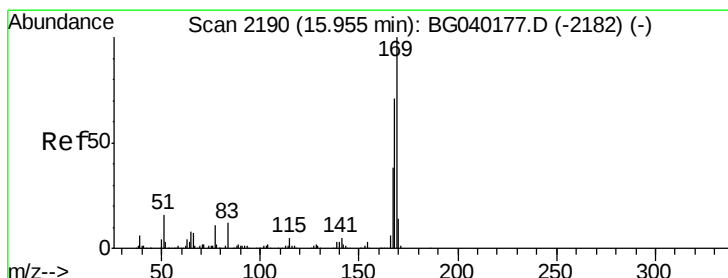
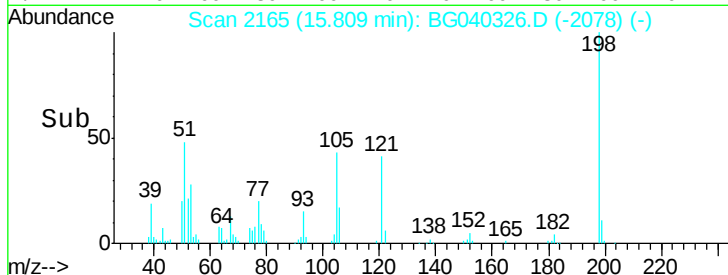
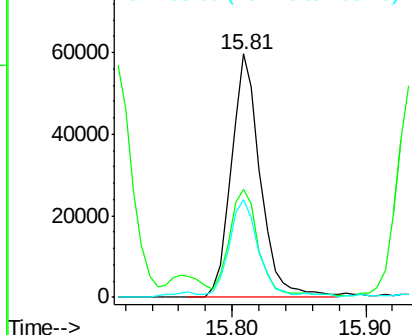
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.810 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	198	Resp	90592
Ion Ratio	100	Lower	Upper
51	44.5	27.3	67.3
105	40.0	21.7	61.7

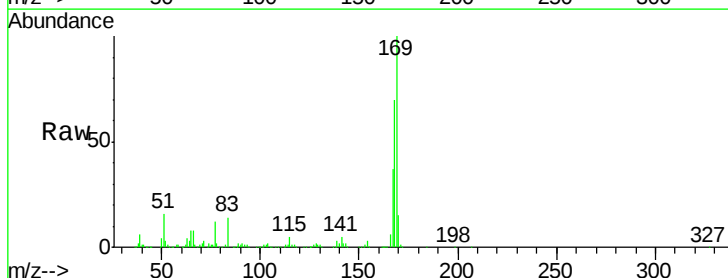


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BGO
 Ion 105.00 (104.70 to 105.70): E

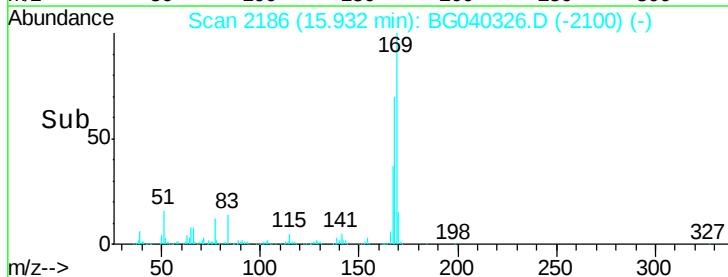
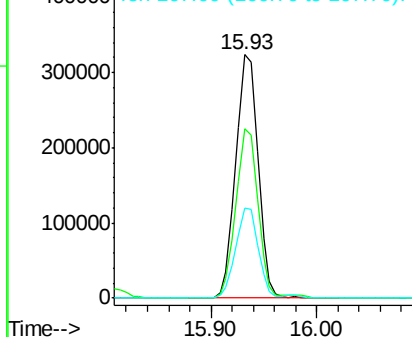


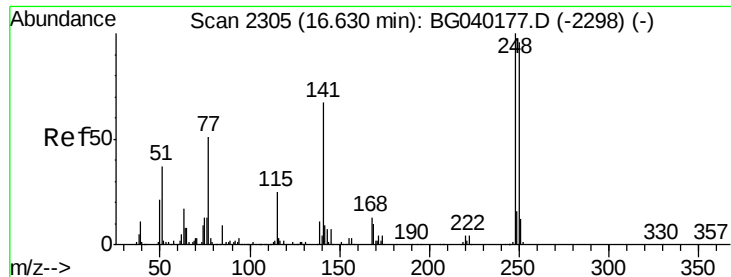
#66
 n-Nitrosodiphenylamine
 Concen: 38.761 ng
 RT: 15.93 min Scan# 2186
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Tgt Ion	169	Resp	471258
Ion Ratio	100	Lower	Upper
168	69.6	56.8	85.2
167	37.2	30.2	45.4



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





#67

4-Bromophenyl-phenylether

Concen: 38.306 ng

RT: 16.61 min Scan# 2301

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

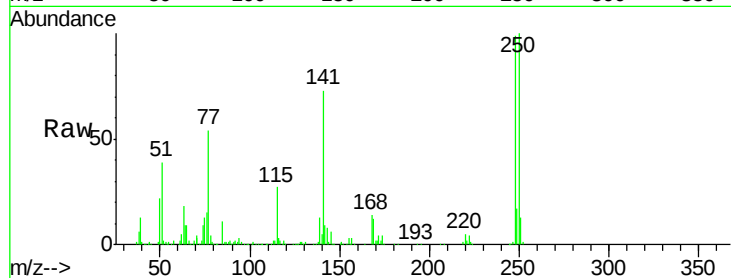
Tot Ion:248 Resp: 179100

Ion Ratio Lower Upper

248 100

250 101.0 76.4 114.6

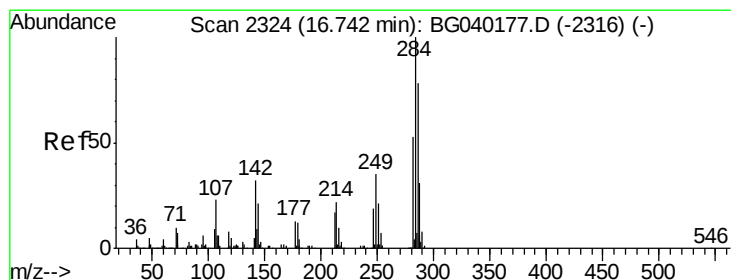
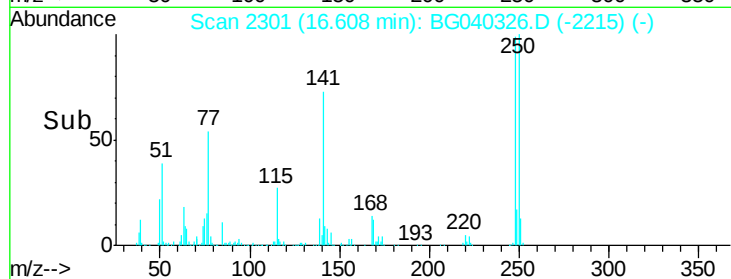
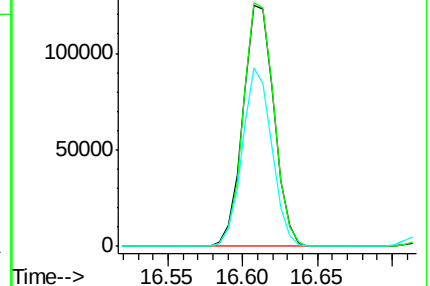
141 74.1 53.8 80.8



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 39.776 ng

RT: 16.73 min Scan# 2321

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

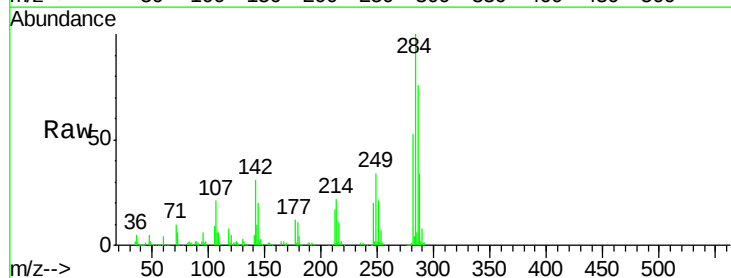
Tgt Ion:284 Resp: 186989

Ion Ratio Lower Upper

284 100

142 31.3 25.3 37.9

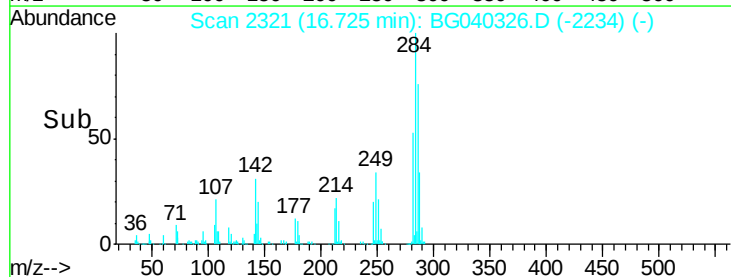
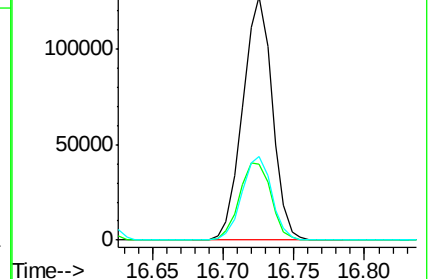
249 36.6 28.2 42.2

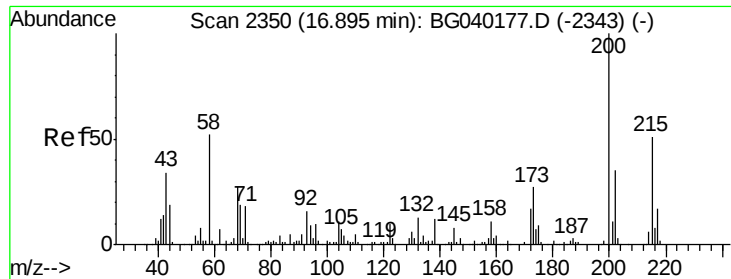


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 43.221 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

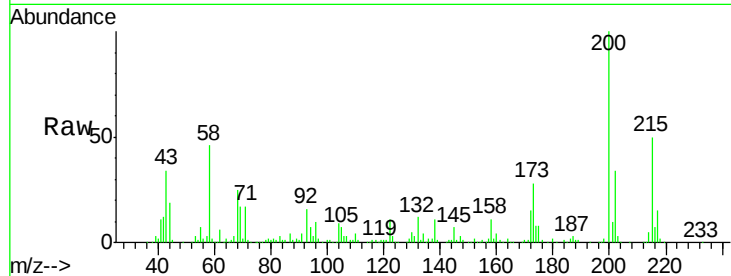
Tot Ion:200 Resp: 195476

Ion Ratio Lower Upper

200 100

173 27.7 7.1 47.1

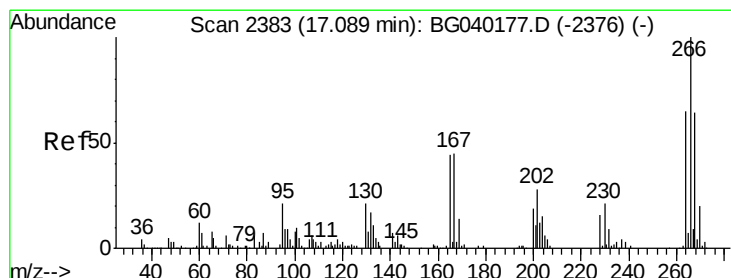
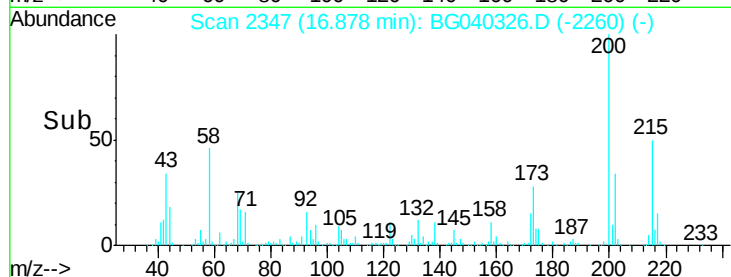
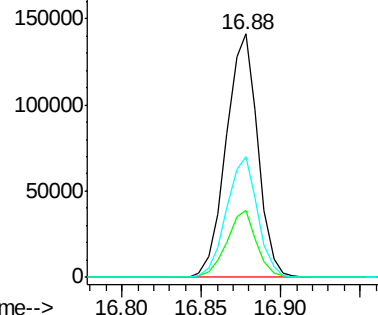
215 49.6 30.9 70.9



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: 58.120 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

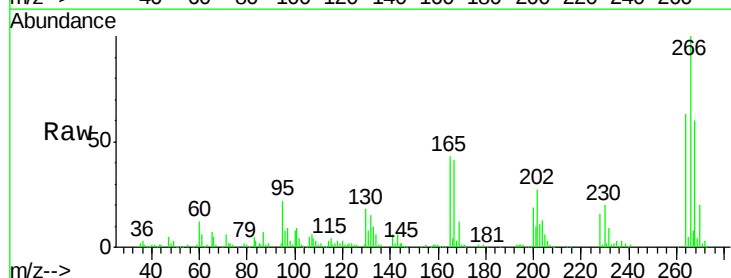
Tgt Ion:266 Resp: 157963

Ion Ratio Lower Upper

266 100

268 60.1 55.0 82.4

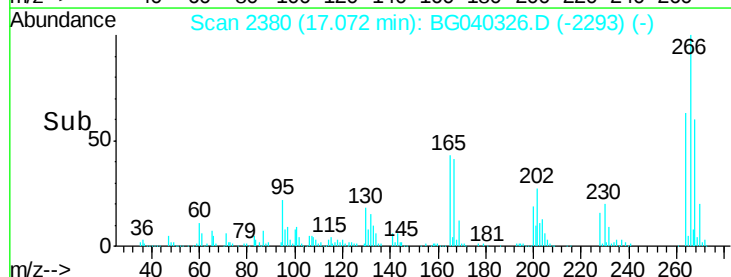
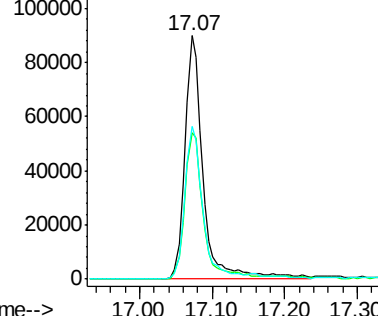
264 62.5 51.8 77.8

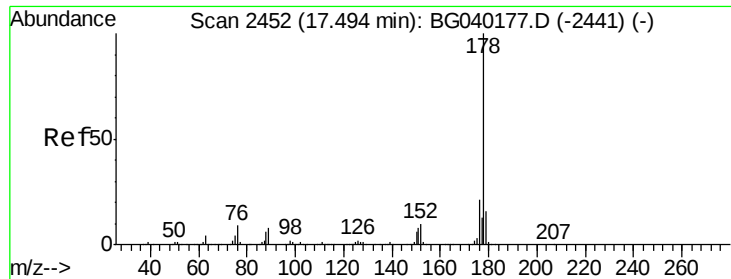


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

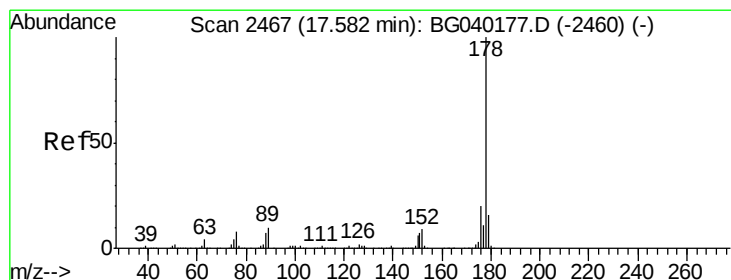
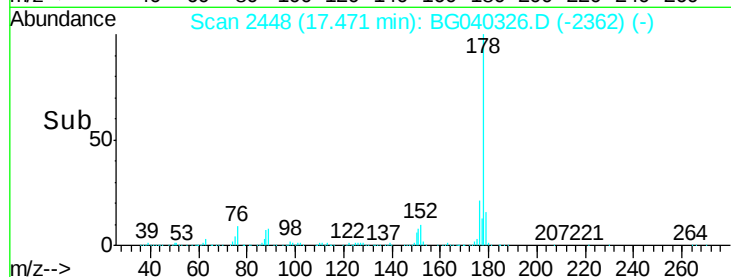
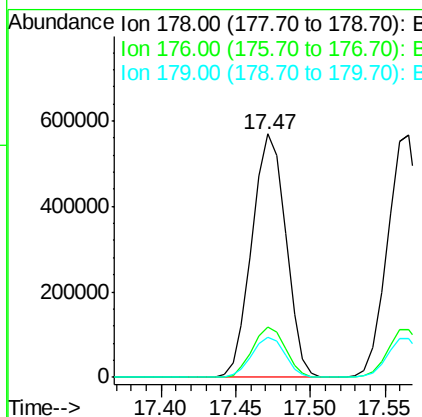
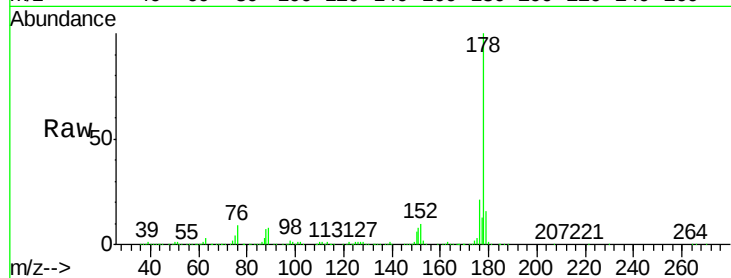




#71
Phenanthrene
Concen: 40.985 ng
RT: 17.47 min Scan# 2448
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

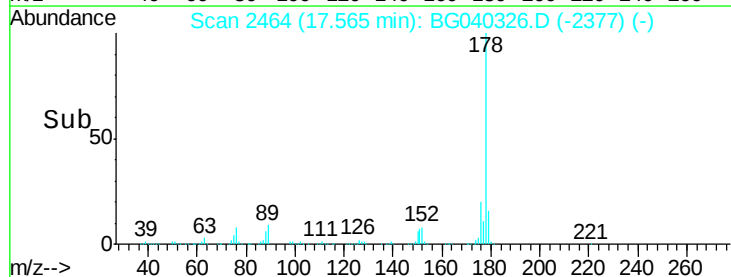
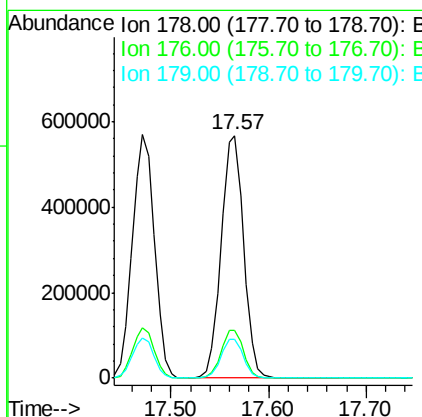
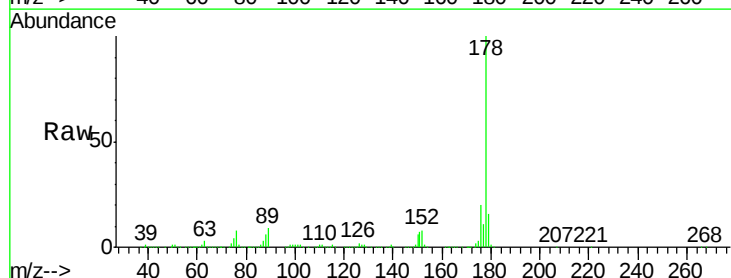
Instrument :
BNA_G
ClientSampleId :

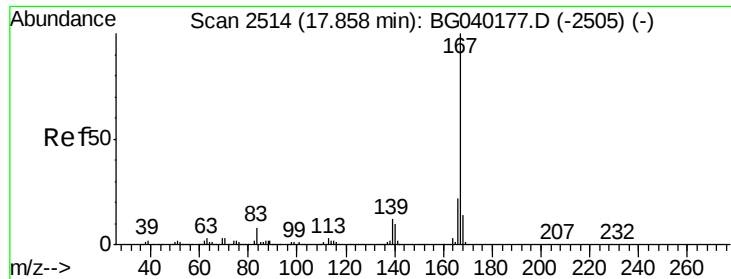
Tot Ion:178 Resp: 895040
Ion Ratio Lower Upper
178 100
176 20.9 16.7 25.1
179 16.3 12.8 19.2



#72
Anthracene
Concen: 41.217 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion:178 Resp: 900941
Ion Ratio Lower Upper
178 100
176 19.9 15.9 23.9
179 16.1 12.9 19.3

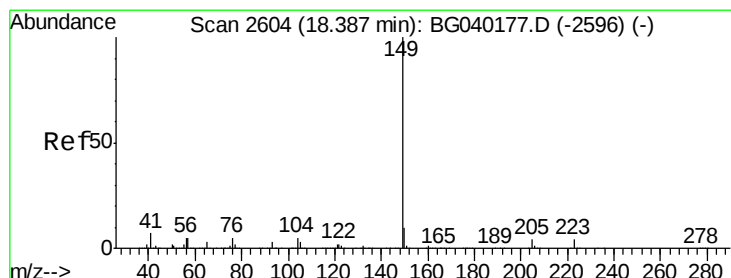
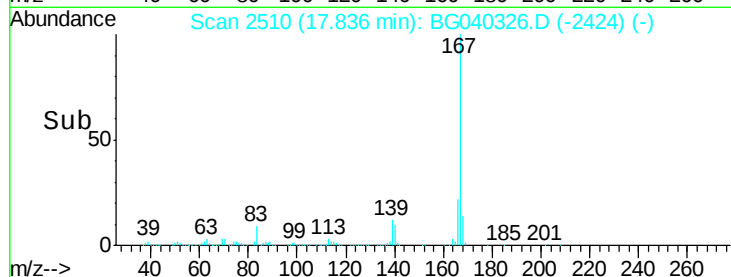
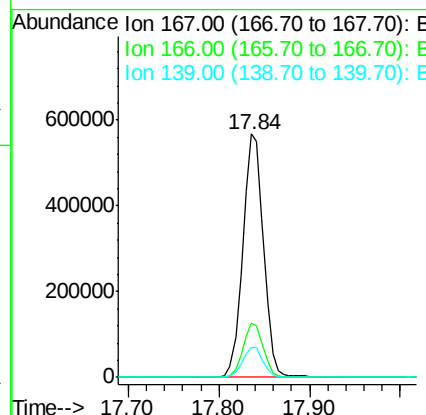
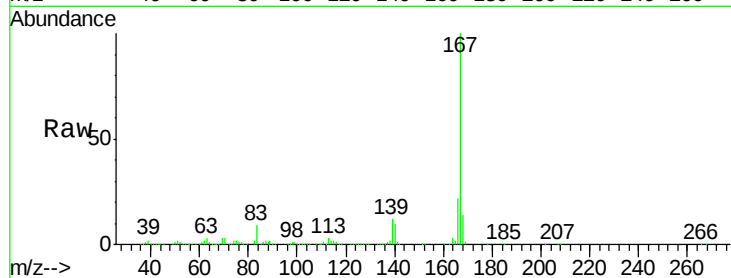




#73
 Carbazole
 Concen: 43.432 ng
 RT: 17.84 min Scan# 2510
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

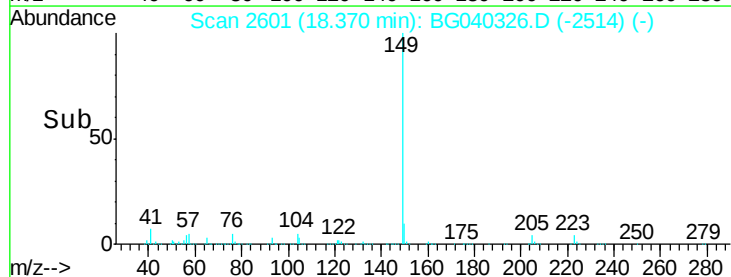
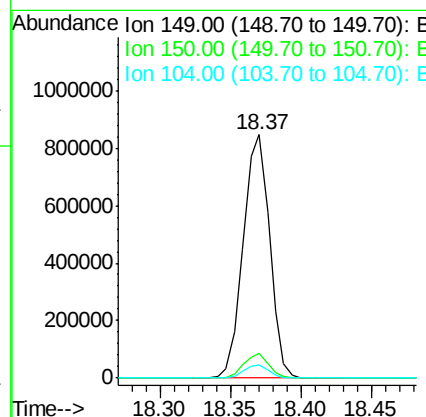
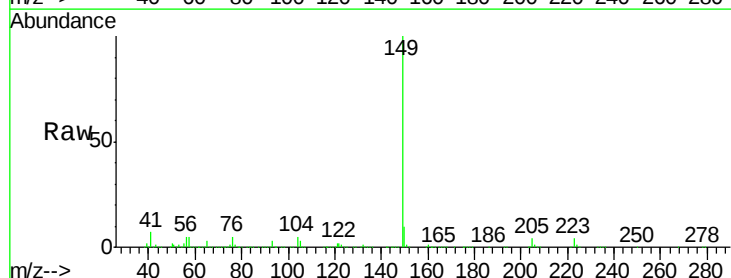
Instrument :
 BNA_G
 ClientSampleId :

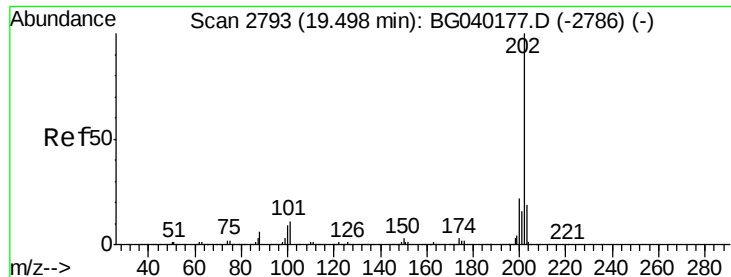
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.5	26.3
139	12.2	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 45.069 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.02 min
 Lab File: BG040326.D
 Acq: 3 Apr 2019 15:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.9	11.9
104	5.2	4.1	6.1





#75

Fluoranthene

Concen: 43.496 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

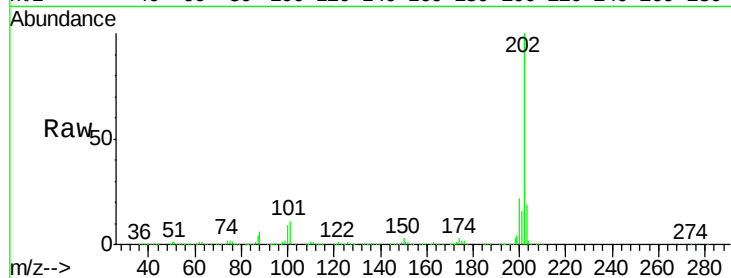
Tot Ion:202 Resp: 1124770

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.8

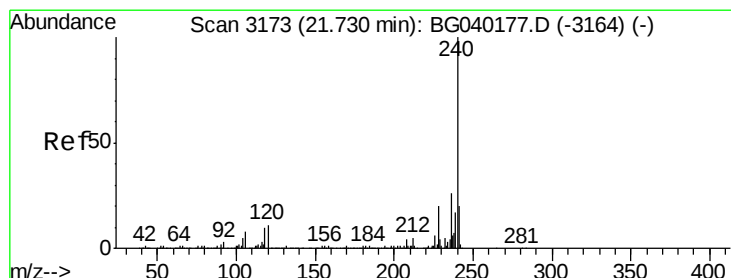
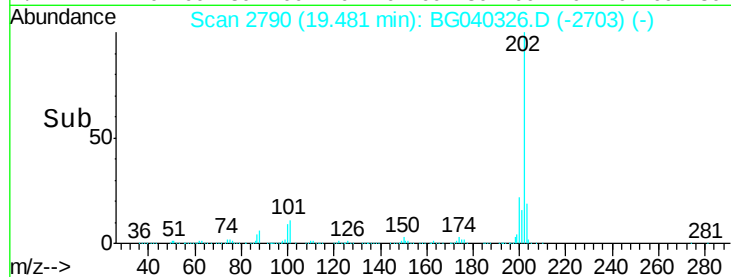
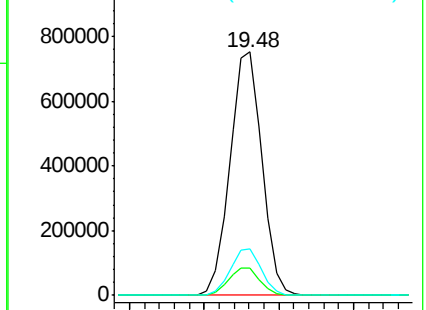
203 19.2 0.0 38.9



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: 21.71 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

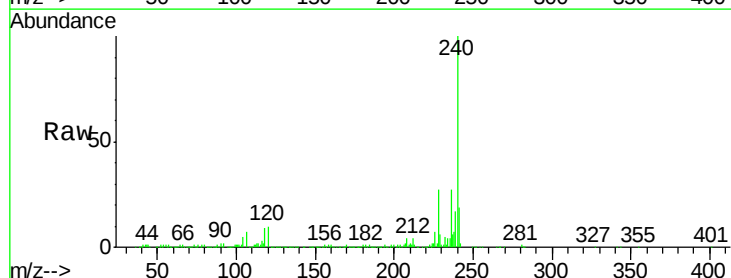
Tgt Ion:240 Resp: 429595

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

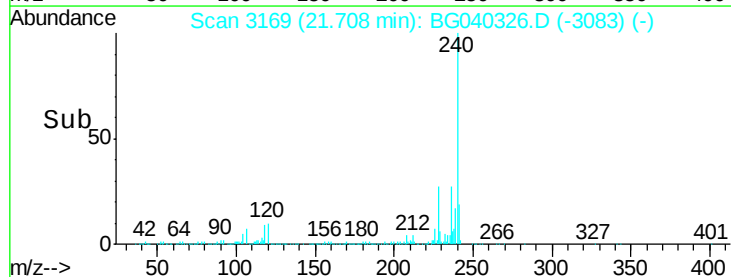
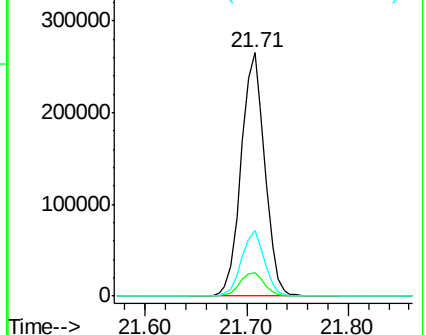
236 26.9 20.8 31.2

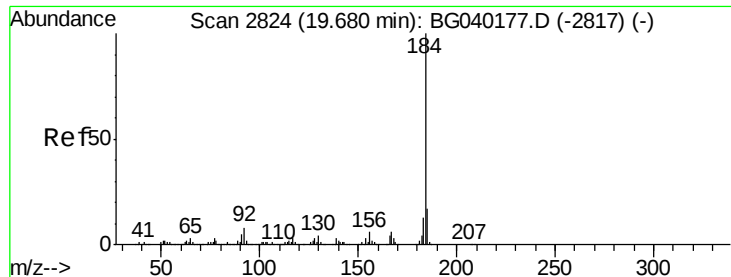


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.027 ng

RT: 19.66 min Scan# 2821

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

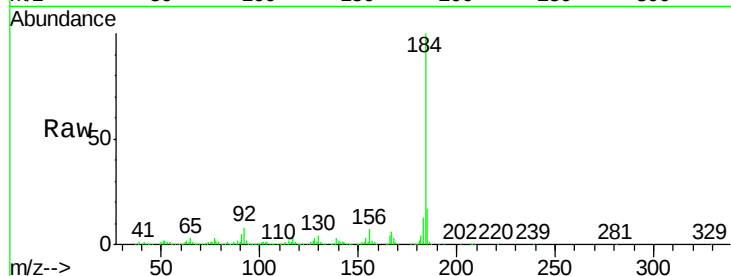
Tot Ion:184 Resp: 776079

Ion	Ratio	Lower	Upper
184	100		
185	16.6	13.3	19.9
183	13.2	10.3	15.5

184 100

185 16.6 13.3 19.9

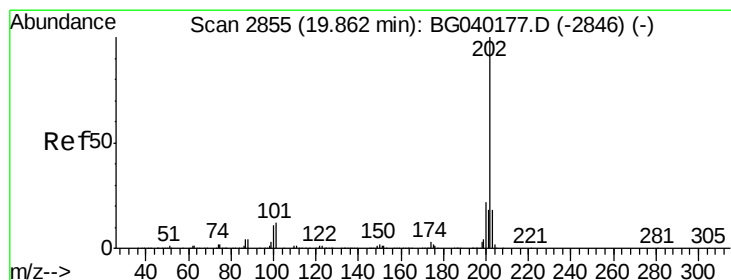
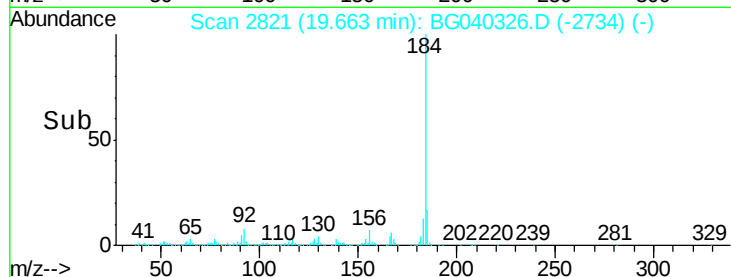
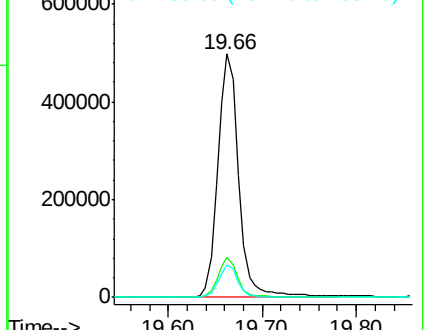
183 13.2 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.343 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

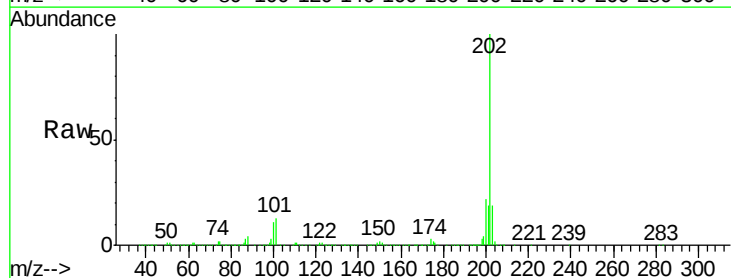
Tgt Ion:202 Resp: 1139720

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.3	25.9
203	19.3	14.6	22.0

202 100

200 21.8 17.3 25.9

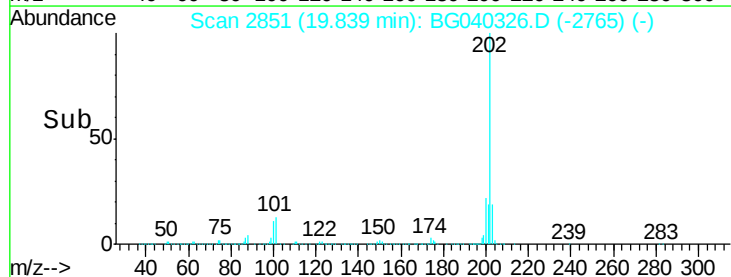
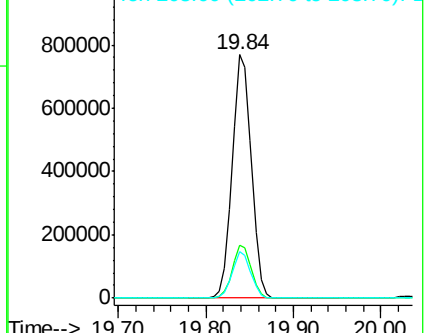
203 19.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.796 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampled :

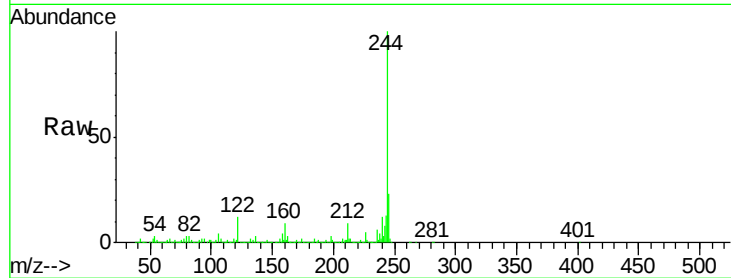
Tot Ion:244 Resp: 1485599

Ion Ratio Lower Upper

244 100

212 9.2 7.0 10.6

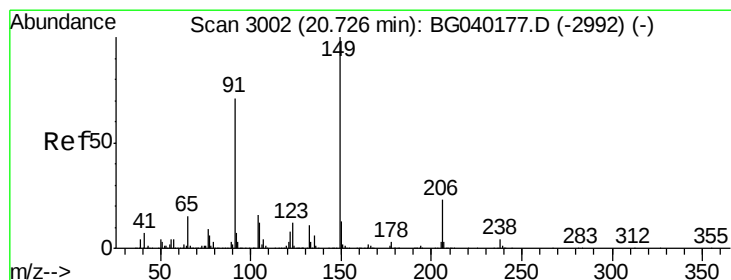
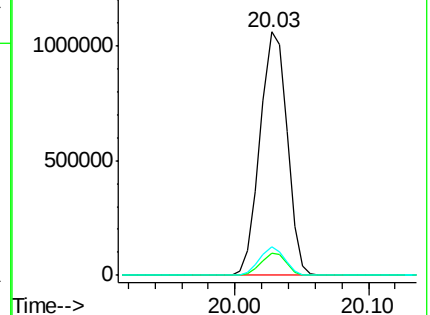
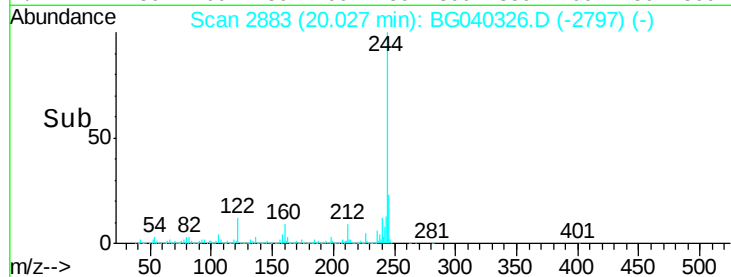
122 11.8 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.225 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

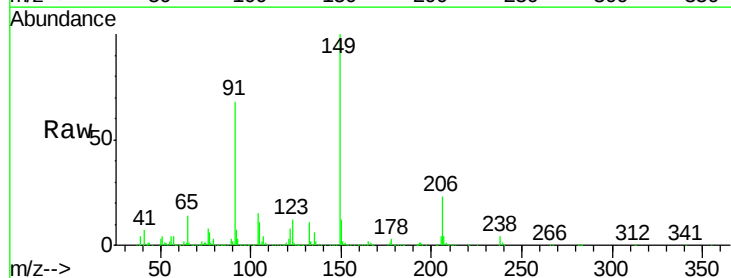
Tgt Ion:149 Resp: 510449

Ion Ratio Lower Upper

149 100

91 68.2 57.0 85.4

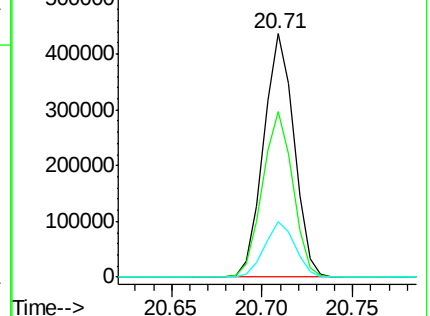
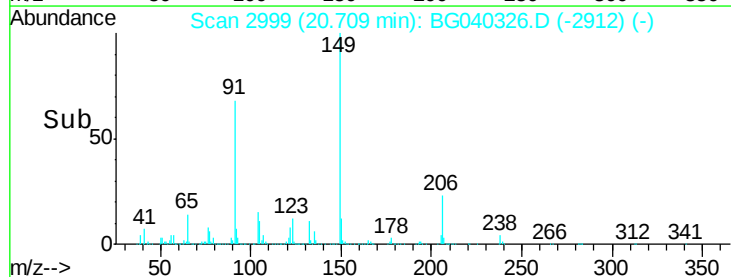
206 22.9 18.2 27.4

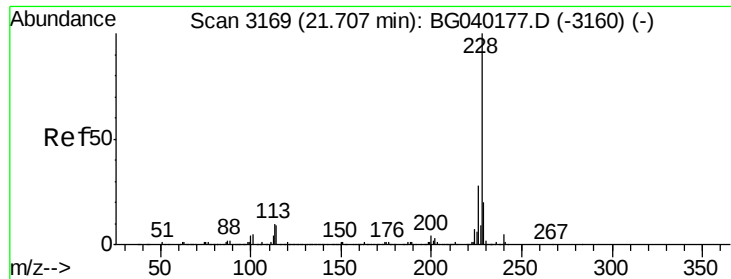


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E

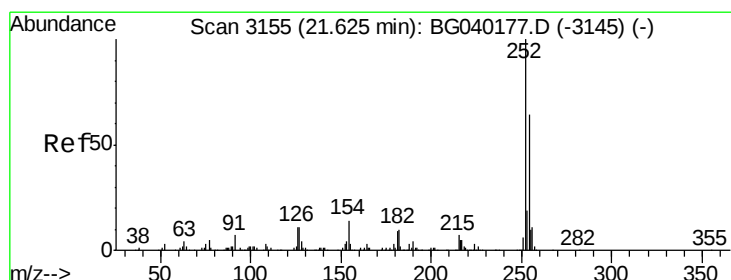
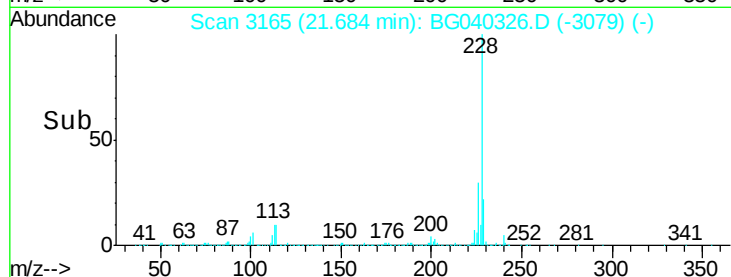
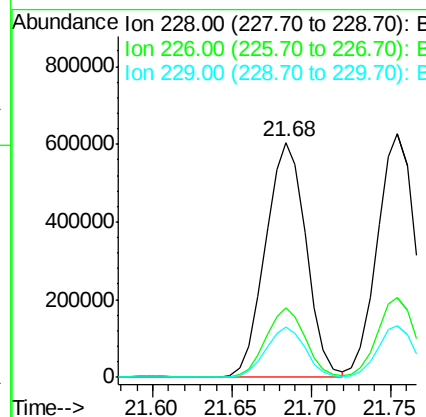
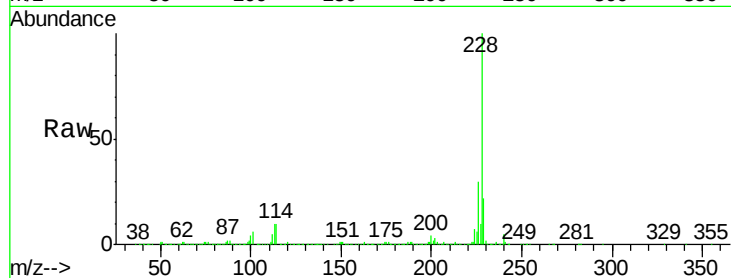




#81
Benzo(a)anthracene
Concen: 40.602 ng
RT: 21.68 min Scan# 3165
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

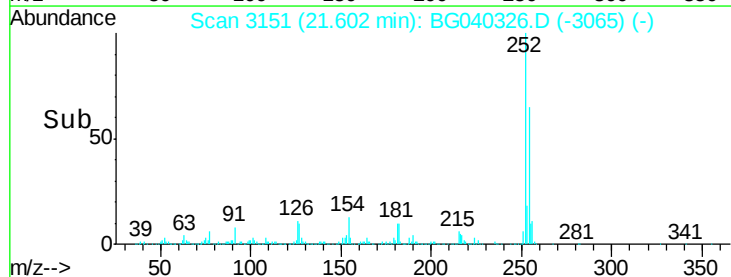
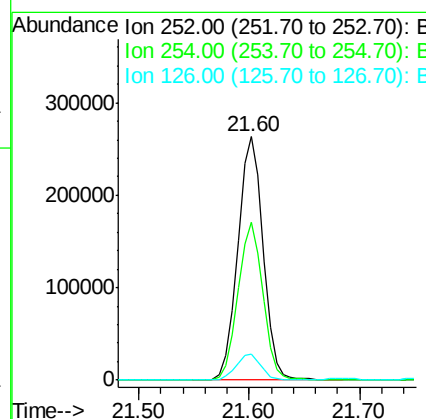
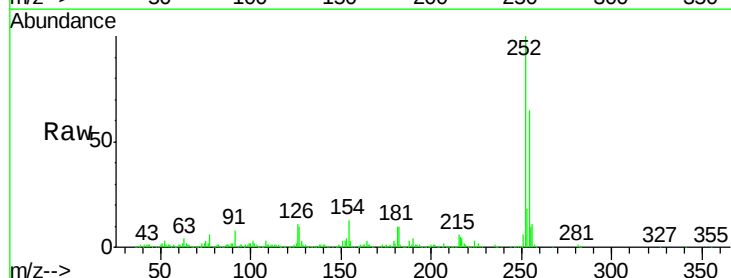
Instrument :
BNA_G
ClientSampled :

Tot Ion:228 Resp: 1074360
Ion Ratio Lower Upper
228 100
226 29.7 22.6 34.0
229 21.5 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 42.158 ng
RT: 21.60 min Scan# 3151
Delta R.T. -0.02 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Tgt Ion:252 Resp: 424352
Ion Ratio Lower Upper
252 100
254 65.1 51.4 77.2
126 10.7 8.5 12.7





#83

Chrvsene

Concen: 40.515 ng

RT: 21.75 min Scan# 3177

Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

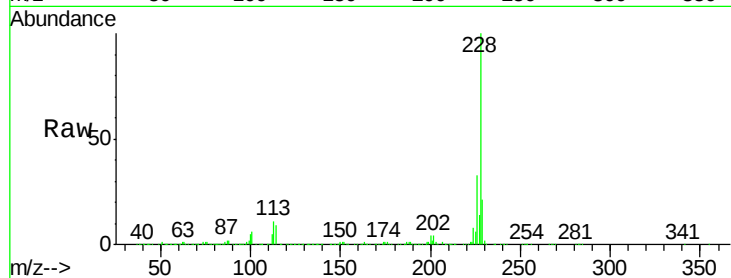
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1030315

Ion	Ratio	Lower	Upper
228	100		
226	32.8	25.4	38.0
229	21.4	17.0	25.4

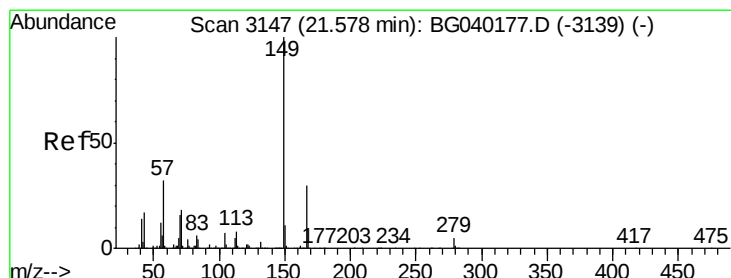
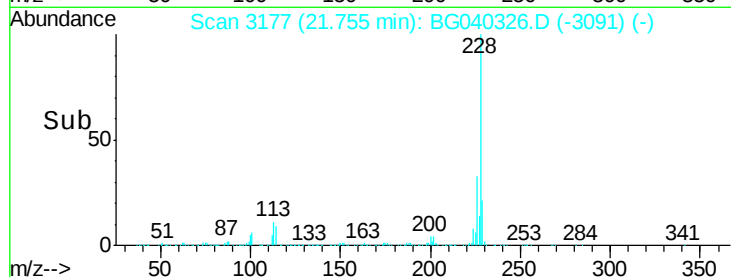
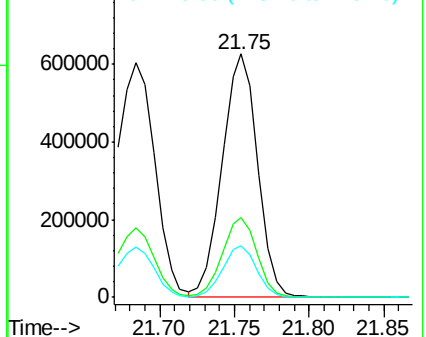


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.824 ng

RT: 21.55 min Scan# 3143

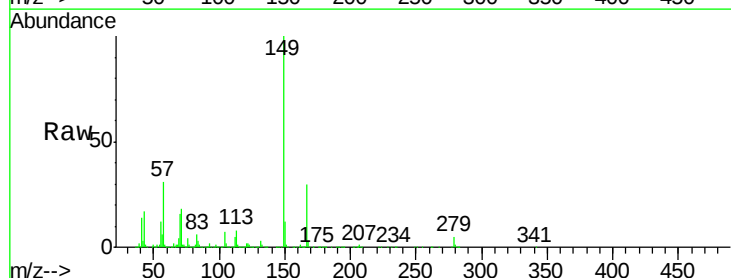
Delta R.T. -0.02 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Tgt Ion:149 Resp: 740025

Ion	Ratio	Lower	Upper
149	100		
167	29.6	24.1	36.1
279	5.1	4.1	6.1

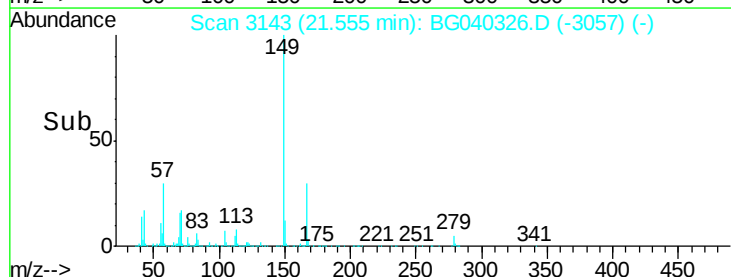
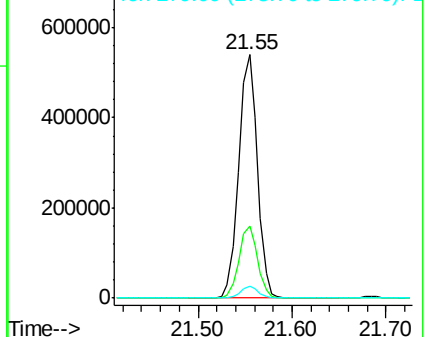


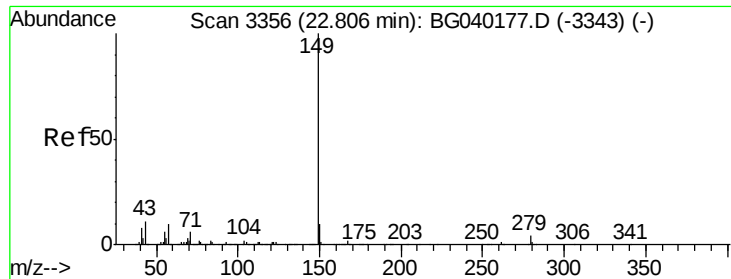
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.255 ng

RT: 22.78 min Scan# 3351

Delta R.T. -0.03 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

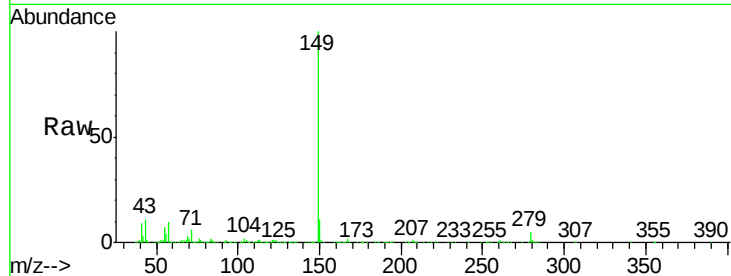
Tot Ion:149 Resp: 1214621

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

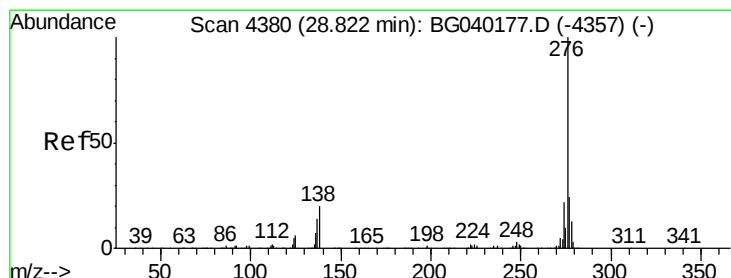
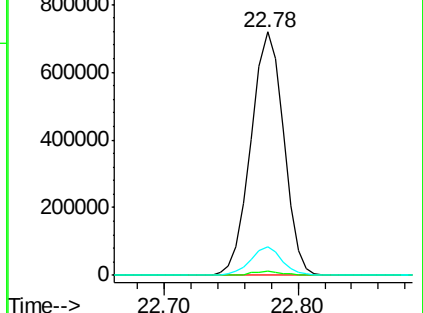
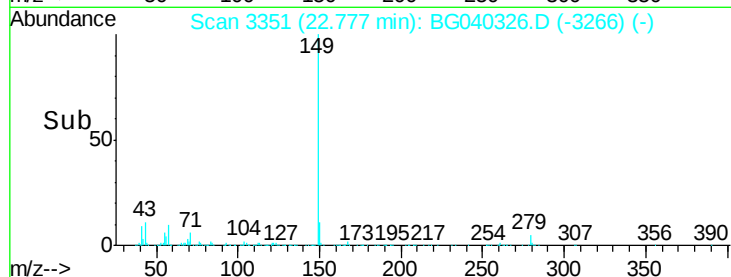
43 10.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.327 ng

RT: 28.76 min Scan# 4369

Delta R.T. -0.06 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

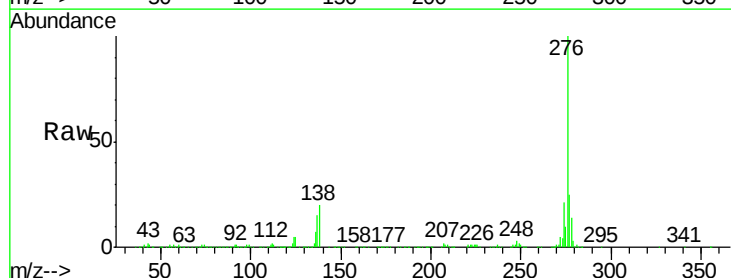
Tgt Ion:276 Resp: 1254285

Ion Ratio Lower Upper

276 100

138 23.9 18.8 28.2

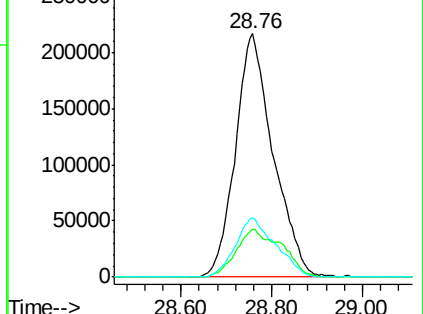
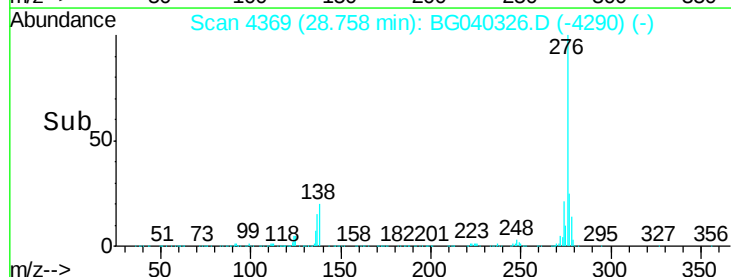
277 25.9 21.0 31.4

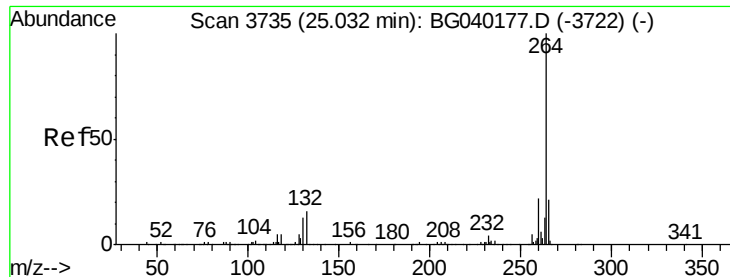


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

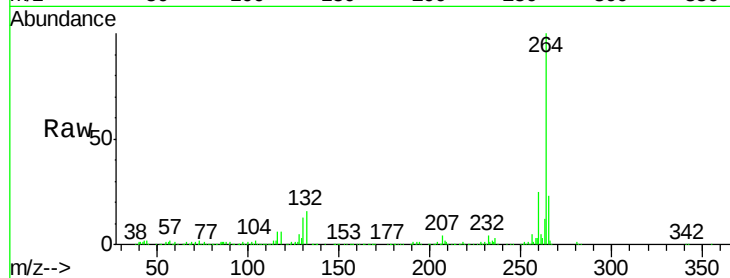




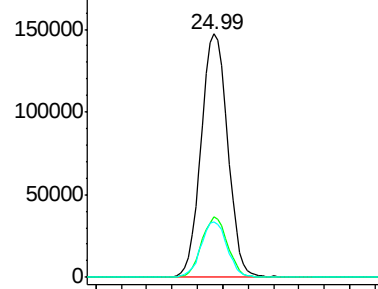
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.99 min Scan# 3727
Delta R.T. -0.05 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

Instrument :
BNA_G
ClientSampleId :

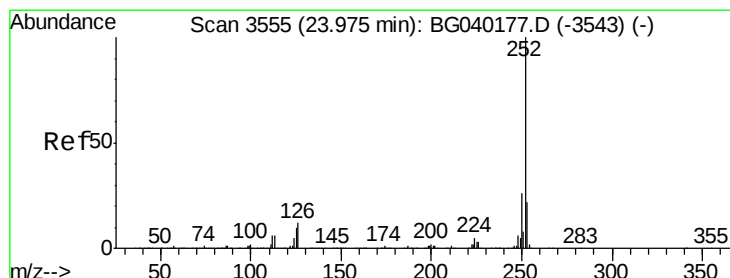
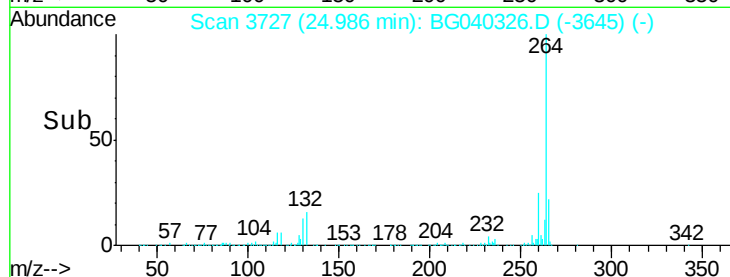
Tot Ion:264 Resp: 427307
Ion Ratio Lower Upper
264 100
260 24.9 17.9 26.9
265 22.6 16.8 25.2



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

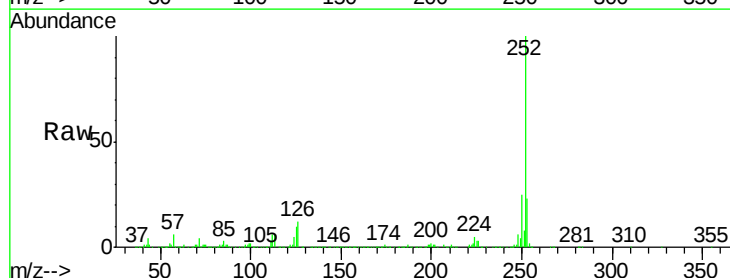


Time--> 24.80 25.00 25.20

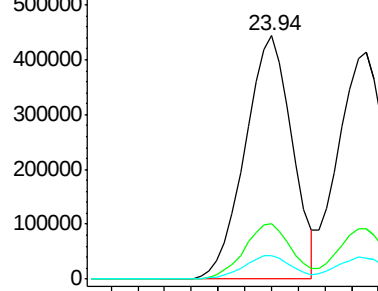


#88
Benzo(b)fluoranthene
Concen: 41.358 ng
RT: 23.94 min Scan# 3549
Delta R.T. -0.03 min
Lab File: BG040326.D
Acq: 3 Apr 2019 15:02

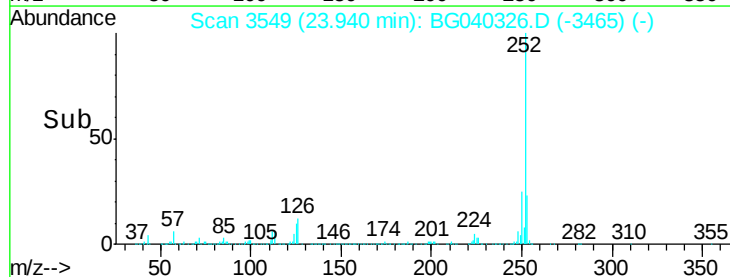
Tgt Ion:252 Resp: 1081982
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 9.6 8.2 12.4

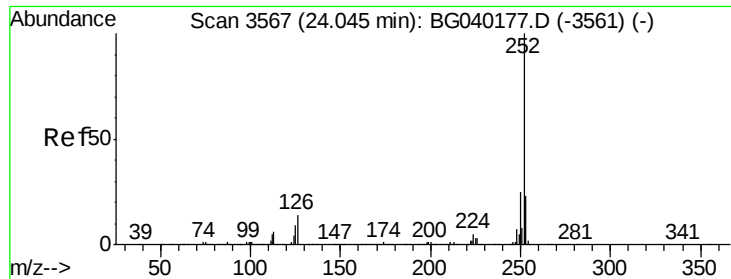


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 23.90 24.00





#89

Benzo(k)fluoranthene

Concen: 42.370 ng

RT: 24.01 min Scan# 3561

Delta R.T. -0.03 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

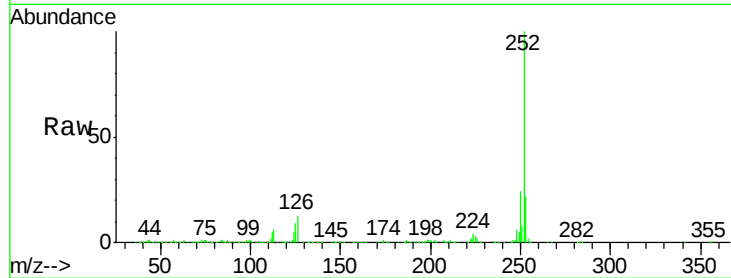
Tot Ion:252 Resp: 1019352

Ion Ratio Lower Upper

252 100

253 22.3 18.6 28.0

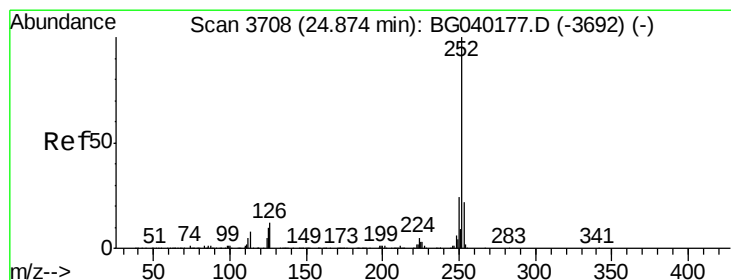
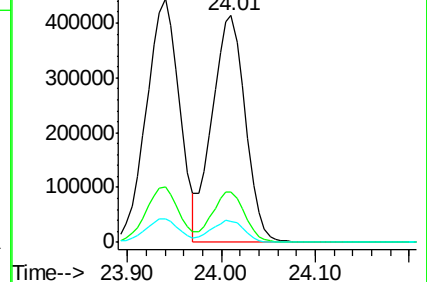
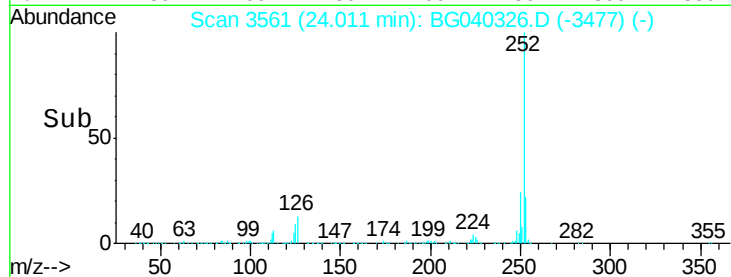
125 9.3 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.590 ng

RT: 24.83 min Scan# 3701

Delta R.T. -0.04 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

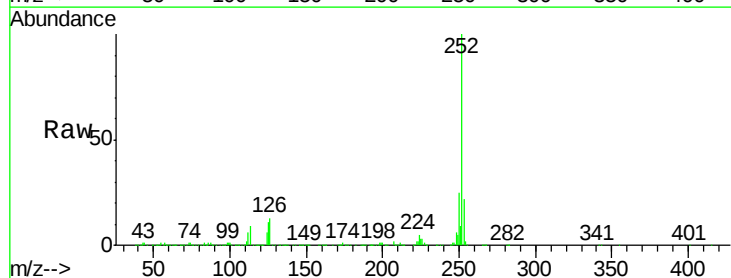
Tgt Ion:252 Resp: 1045415

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

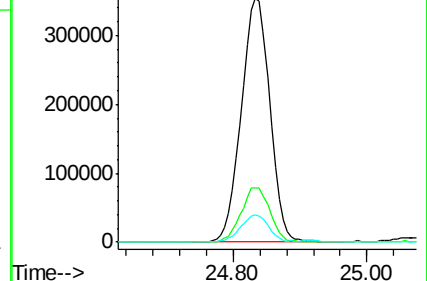
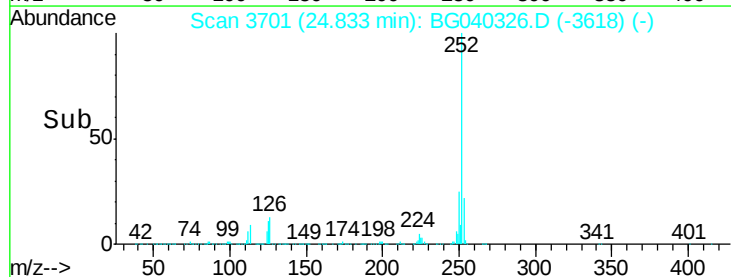
125 11.0 8.3 12.5

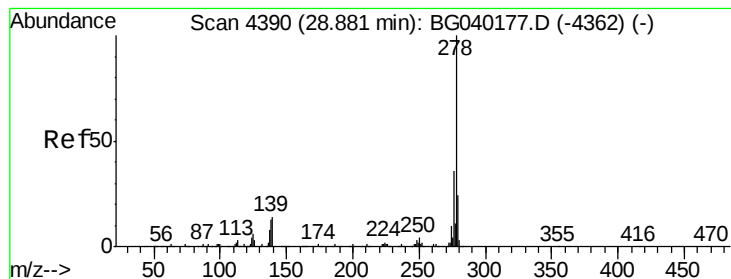


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 43.918 ng

RT: 28.82 min Scan# 4380

Delta R.T. -0.06 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

Instrument :

BNA_G

ClientSampleId :

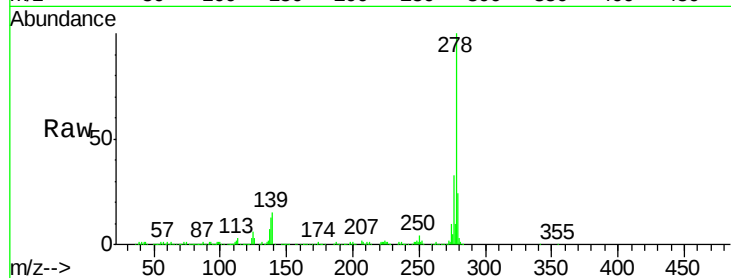
Tot Ion:278 Resp: 1001227

Ion Ratio Lower Upper

278 100

139 14.7 11.2 16.8

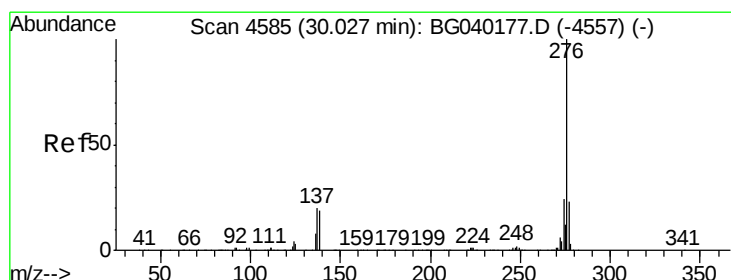
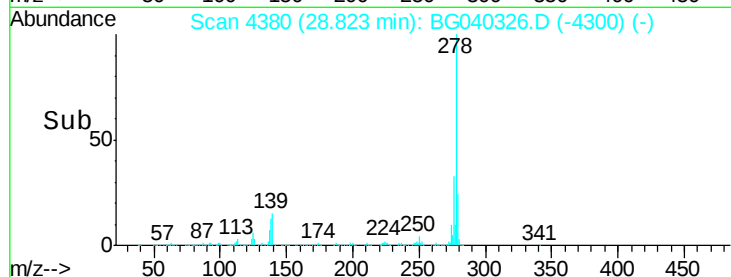
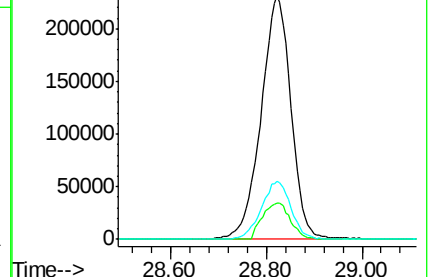
279 24.1 18.9 28.3



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: 43.699 ng

RT: 29.95 min Scan# 4572

Delta R.T. -0.08 min

Lab File: BG040326.D

Acq: 3 Apr 2019 15:02

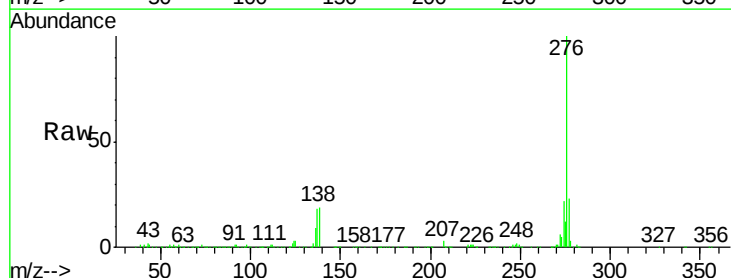
Tgt Ion:276 Resp: 1023836

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 18.9 15.2 22.8



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

