

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020010.D
 Acq On : 8 Dec 2015 9:55
 Operator : UM/SJ
 Sample : SP3516DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

Quant Time: Dec 09 03:58:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19217	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	82102	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56833	20.00	ng	-0.02
63) Phenanthrene-d10	17.58	188	235122	20.00	ng	0.08
75) Chrysene-d12	21.76	240	172230	20.00	ng	-0.04
86) Perylene-d12	25.04	264	162312	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	7.26	99	60847	37.90	ng	-0.02
23) Nitrobenzene-d5	9.28	82	60624	37.68	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	0.00	172	0	0.00	ng	
78) Terphenyl-d14	0.00	244	0	0.00	ng	

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	6084	14.69	ng	# 100
6) Aniline	7.53	93	44237	21.28	ng	# 56
8) 2-Chlorophenol	7.67	128	48670	37.54	ng	96
9) Benzaldehyde	7.24	77	33973	31.73	ng	93
10) Phenol	7.28	94	65451	38.74	ng	83
11) bis(2-Chloroethyl)ether	7.53	93	44237	35.35	ng	91
15) Benzyl Alcohol	8.54	79	23598	16.75	ng	# 12
16) 2,2'-oxybis(1-Chloropropan	8.65	45	66884	32.77	ng	95
17) 2-Methylphenol	8.55	107	45198	37.89	ng	# 92
18) Hexachloroethane	9.21	117	19561	34.42	ng	97
19) n-Nitroso-di-n-propylamine	8.92	70	41541	32.81	ng	91
20) 3+4-Methylphenols	8.88	107	62365	37.13	ng	92
22) Acetophenone	8.94	105	78924	35.07	ng	# 93
24) Nitrobenzene	9.32	77	62534	35.84	ng	94
25) Isophorone	9.85	82	113933	33.03	ng	96
26) 2-Nitrophenol	10.03	139	28216	41.87	ng	# 75
27) 2,4-Dimethylphenol	10.09	122	49782	35.47	ng	91
28) bis(2-Chloroethoxy)methane	10.33	93	63824	37.87	ng	97
29) 2,4-Dichlorophenol	10.57	162	55109	38.44	ng	96
31) Naphthalene	10.98	128	158163	35.96	ng	100
32) Benzoic acid	10.09	122	49782	52.05	ng	# 18
33) 4-Chloroaniline	11.09	127	57322	29.58	ng	# 91
34) Hexachlorobutadiene	11.26	225	39194	32.79	ng	97
35) Caprolactam	11.84	113	18242	34.18	ng	# 84
36) 4-Chloro-3-methylphenol	12.19	107	61368	34.37	ng	96
37) 2-Methylnaphthalene	12.58	142	118577	36.79	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	77329	35.86	ng	98
40) Hexachlorocyclopentadiene	12.92	237	38908	31.64	ng	99
42) 2,4,6-Trichlorophenol	13.18	196	50915	35.66	ng	97
43) 2,4,5-Trichlorophenol	13.25	196	55554	36.81	ng	97
45) 1,1'-Biphenyl	13.58	154	158160	33.91	ng	97
46) 2-Chloronaphthalene	13.62	162	125347	34.87	ng	97
47) 2-Nitroaniline	13.82	65	45042	39.67	ng	89
48) Acenaphthylene	14.46	152	206772	33.77	ng	100

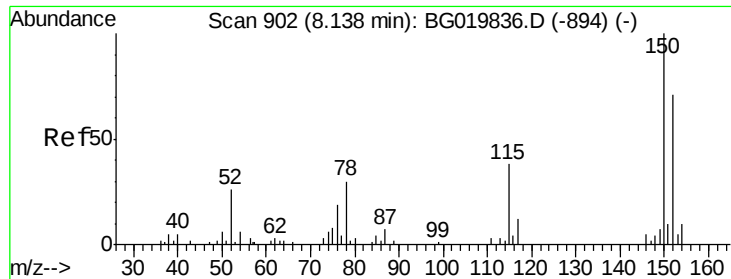
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020010.D
 Acq On : 8 Dec 2015 9:55
 Operator : UM/SJ
 Sample : SP3516DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

Quant Time: Dec 09 03:58:04 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Dimethylphthalate	14.19	163	163306	31.94	ng	98
50) 2,6-Dinitrotoluene	14.31	165	34964	36.38	ng #	79
51) Acenaphthene	14.81	154	128239	34.51	ng	99
52) 3-Nitroaniline	14.64	138	33473	33.52	ng	94
53) 2,4-Dinitrophenol	14.84	184	13451	32.52	ng	87
54) Dibenzofuran	15.14	168	202013	36.55	ng	95
55) 4-Nitrophenol	14.93	139	31028	35.68	ng #	69
56) 2,4-Dinitrotoluene	15.09	165	52719	39.31	ng #	93
57) Fluorene	15.79	166	161502	32.64	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	51840	37.12	ng	98
59) Diethylphthalate	15.55	149	170388	30.80	ng	98
60) 4-Chlorophenyl-phenylether	15.77	204	89601	31.54	ng	97
61) 4-Nitroaniline	15.80	138	34263	30.51	ng #	78
62) Azobenzene	15.99	77	16855	3.66	ng #	1
64) 4,6-Dinitro-2-methylphenol	15.85	198	28697	25.07	ng	86
65) n-Nitrosodiphenylamine	15.99	169	145758	21.42	ng	96
66) 4-Bromophenyl-phenylether	16.67	248	60439	20.69	ng	97
67) Hexachlorobenzene	16.79	284	64461	21.18	ng	96
68) Atrazine	16.93	200	63013	21.32	ng	98
69) Pentachlorophenol	17.13	266	39145	22.04	ng	97
70) Phenanthrene	17.62	178	289267	21.74	ng	95
71) Anthracene	17.62	178	289267	21.35	ng	95
72) Carbazole	17.88	167	256835	21.52	ng	98
73) Di-n-butylphthalate	18.44	149	303517	20.75	ng	98
74) Fluoranthene	19.53	202	357058	20.98	ng	94
77) Pyrene	19.89	202	362539	35.78	ng	95
79) Butylbenzylphthalate	20.77	149	140763	35.44	ng	99
80) Benzo(a)anthracene	21.74	228	375771	35.64	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	114865	28.61	ng	98
82) Chrysene	21.80	228	350025	34.97	ng	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	205273	35.22	ng	96
84) Di-n-octyl phthalate	22.87	149	351687	37.11	ng #	95
85) Indeno(1,2,3-cd)pyrene	28.78	276	401921	36.45	ng #	100
87) Benzo(b)fluoranthene	23.99	252	356313	34.64	ng #	95
88) Benzo(k)fluoranthene	24.06	252	349328	34.29	ng #	97
89) Benzo(a)pyrene	24.89	252	347355	35.57	ng #	95
90) Dibenzo(a,h)anthracene	28.85	278	330120	34.21	ng #	93
91) Benzo(g,h,i)perylene	29.96	276	323219	34.11	ng #	92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

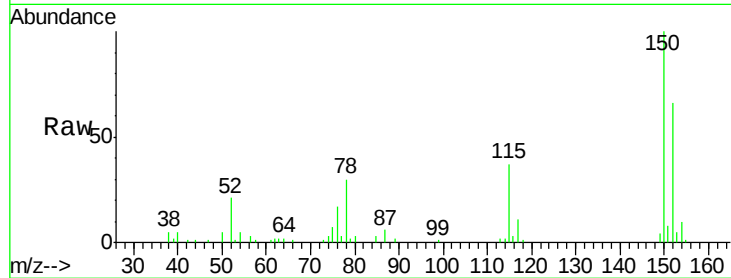
Tgt Ion:152 Resp: 19217

Ion Ratio Lower Upper

152 100

150 151.2 115.0 172.4

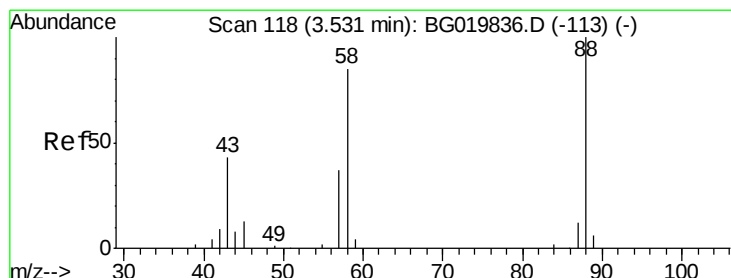
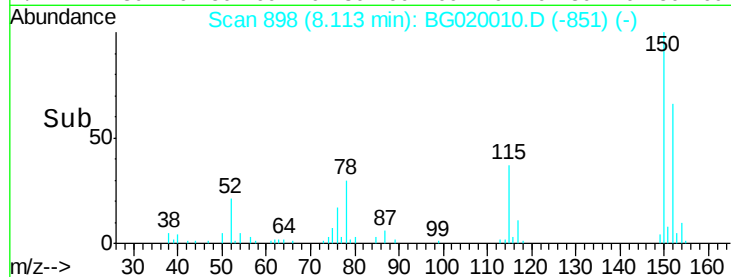
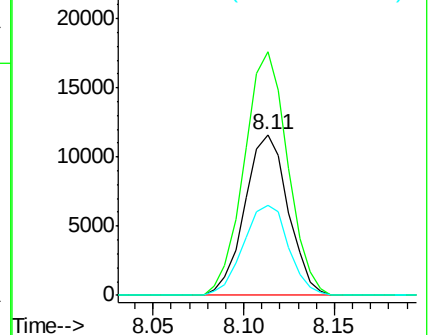
115 55.6 43.9 65.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 14.69 ng

RT: 3.52 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

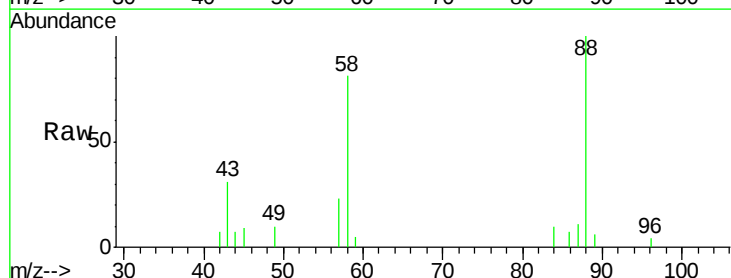
Tgt Ion: 88 Resp: 6084

Ion Ratio Lower Upper

88 100

58 80.5 0.0 0.0#

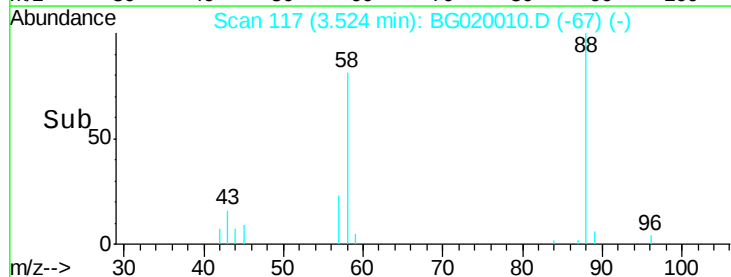
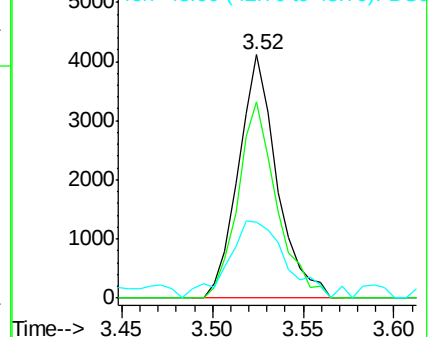
43 46.3 0.0 0.0#

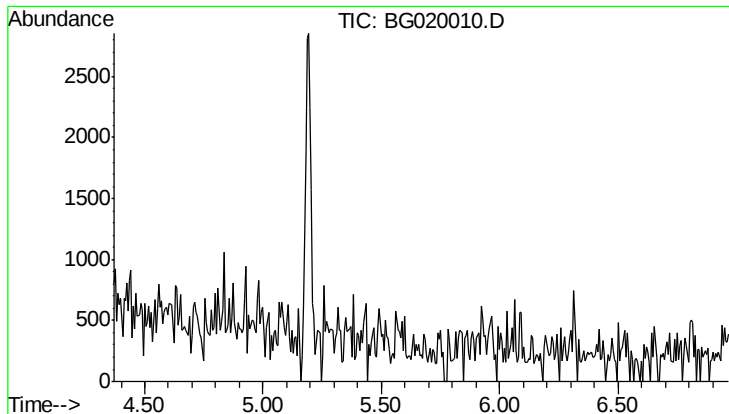


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.67 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

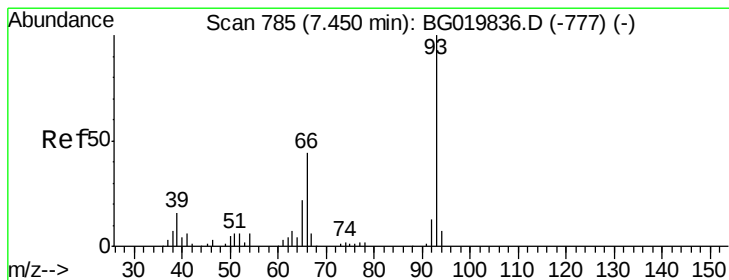
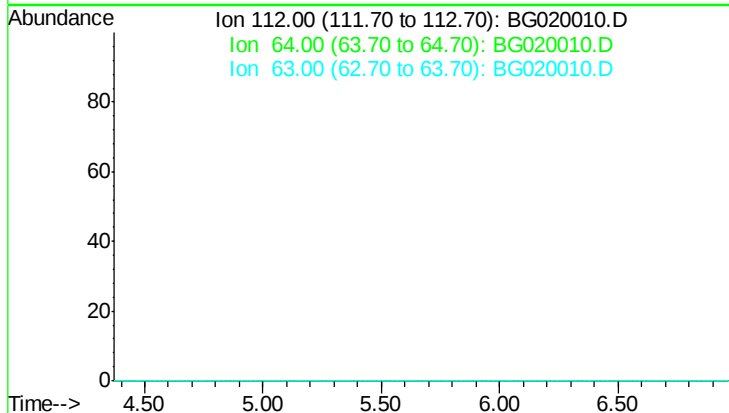
Tgt Ion: 112

Sig Exp Ratio

112 100

64 54.6

63 30.0



#6

Aniline

Concen: 21.28 ng

RT: 7.53 min Scan# 798

Delta R.T. 0.08 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

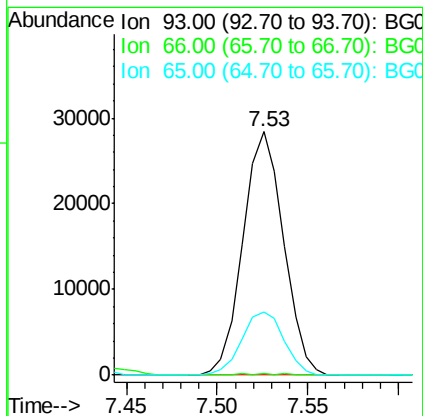
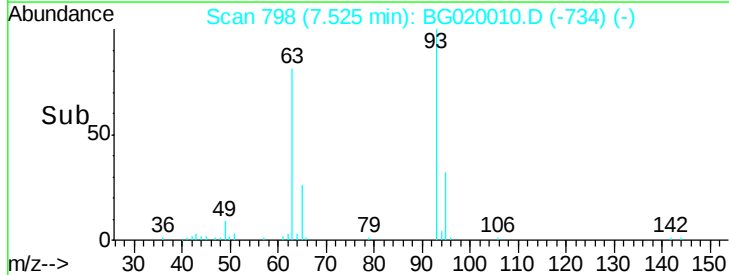
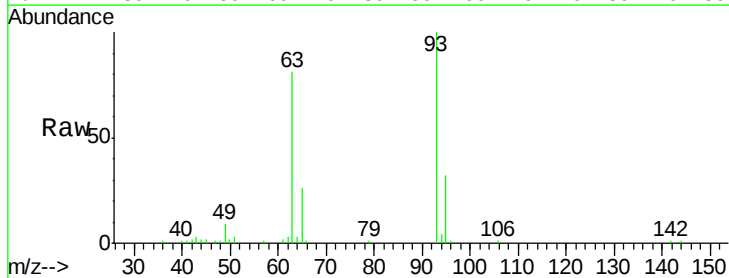
Tgt Ion: 93 Resp: 44237

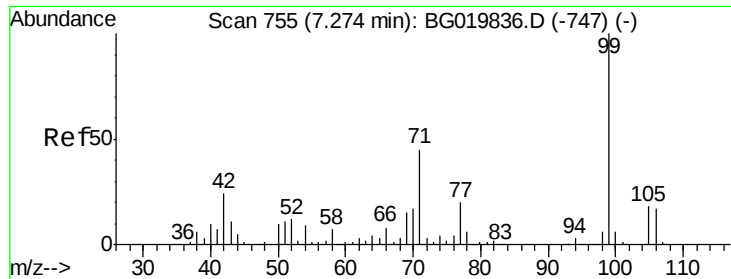
Ion Ratio Lower Upper

93 100

66 0.7 26.2 39.2#

65 26.1 14.0 21.0#





#7

Phenol-d6

Concen: 37.90 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

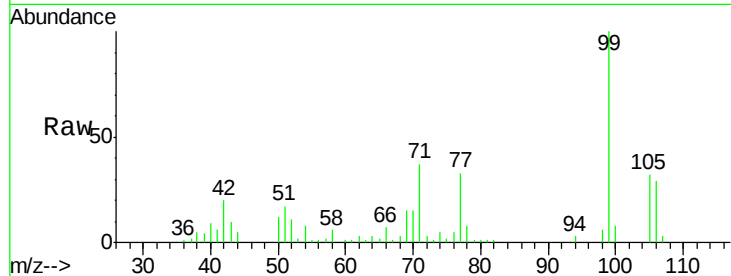
Tgt Ion: 99 Resp: 60847

Ion Ratio Lower Upper

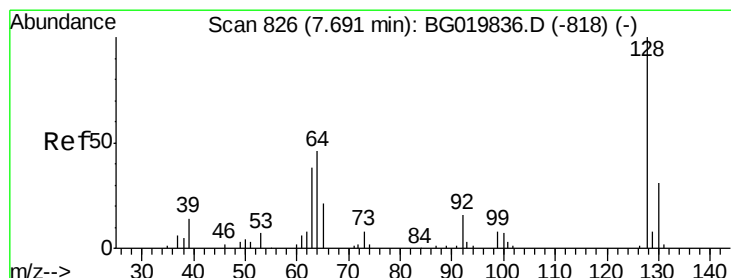
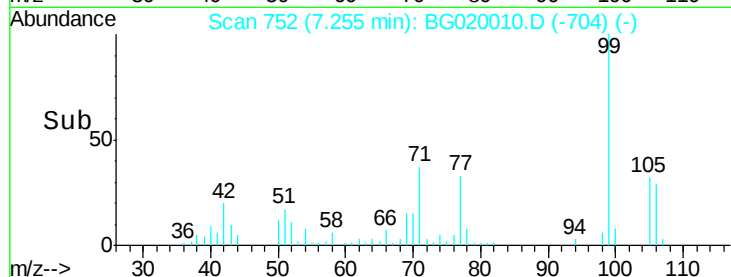
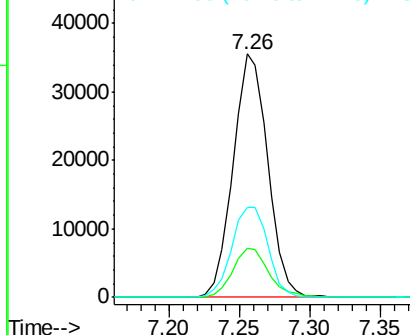
99 100

42 20.2 11.5 17.3#

71 37.1 22.6 34.0#



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



#8

2-Chlorophenol

Concen: 37.54 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

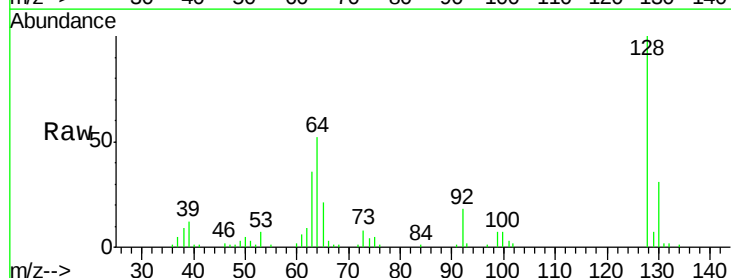
Tgt Ion: 128 Resp: 48670

Ion Ratio Lower Upper

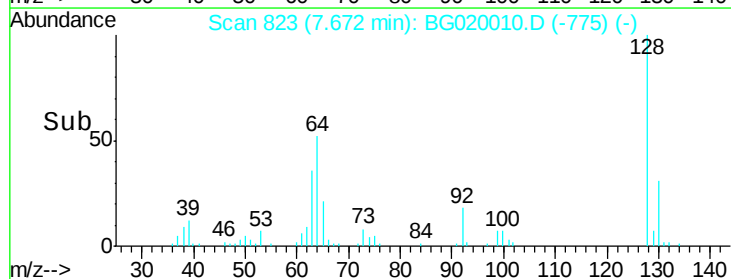
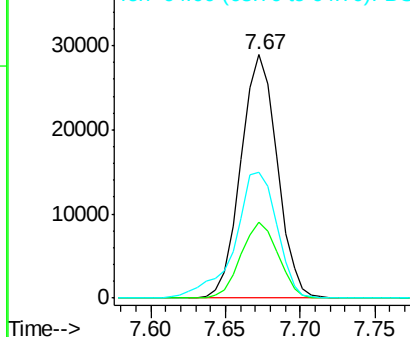
128 100

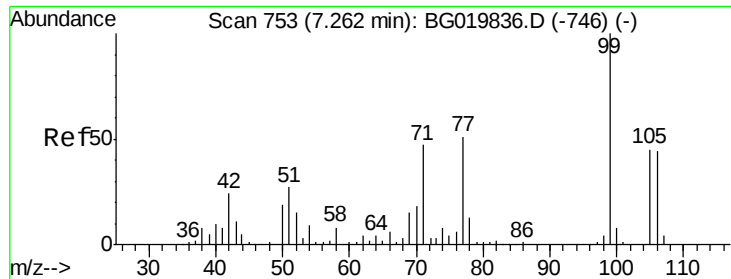
130 31.4 13.0 53.0

64 51.6 28.2 68.2



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: 31.73 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

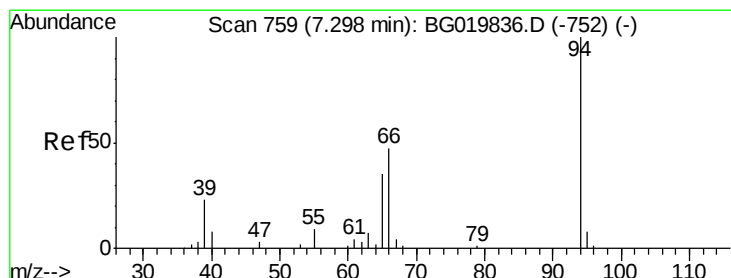
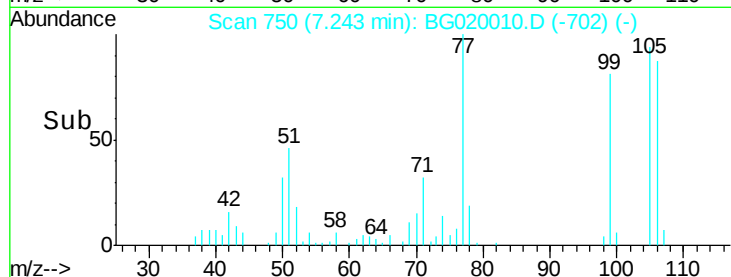
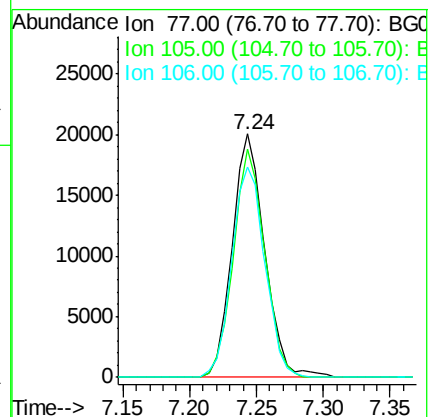
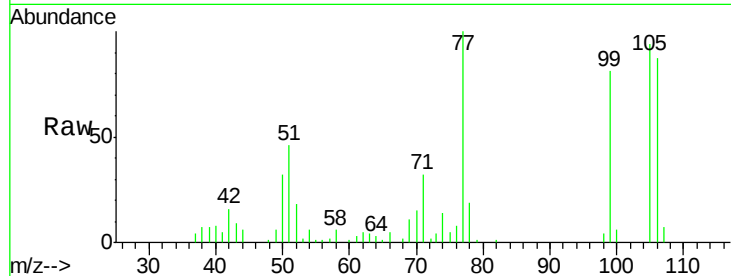
Tgt Ion: 77 Resp: 33973

Ion Ratio Lower Upper

77 100

105 93.7 77.7 117.7

106 86.5 75.8 115.8



#10

Phenol

Concen: 38.74 ng

RT: 7.28 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

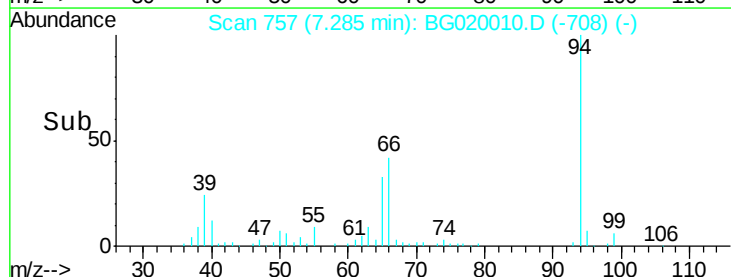
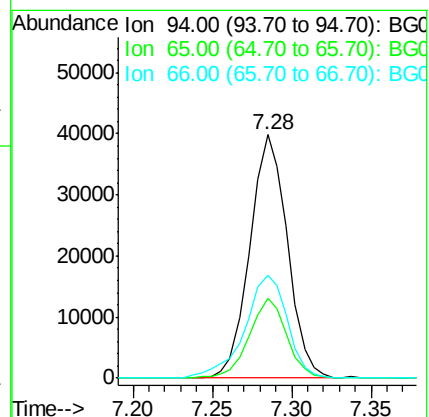
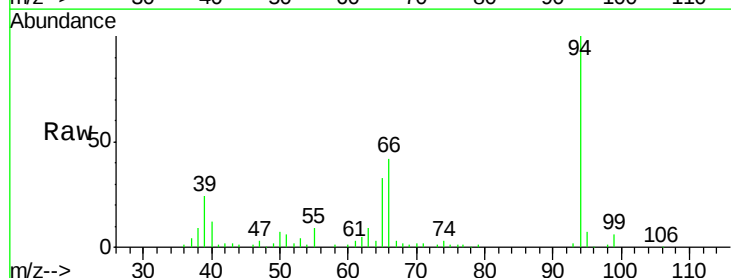
Tgt Ion: 94 Resp: 65451

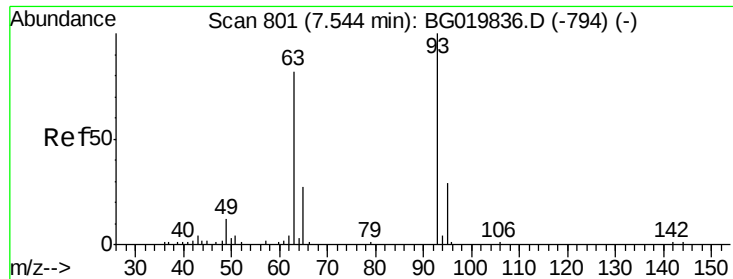
Ion Ratio Lower Upper

94 100

65 33.0 5.4 45.4

66 42.5 11.8 51.8

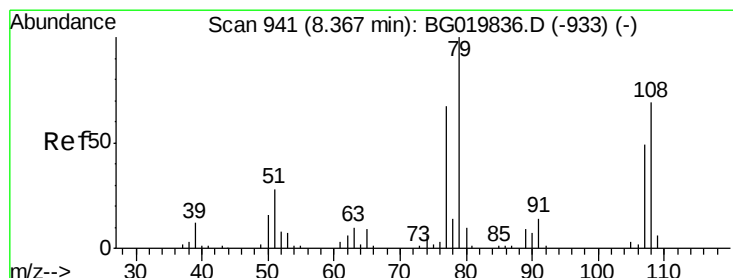
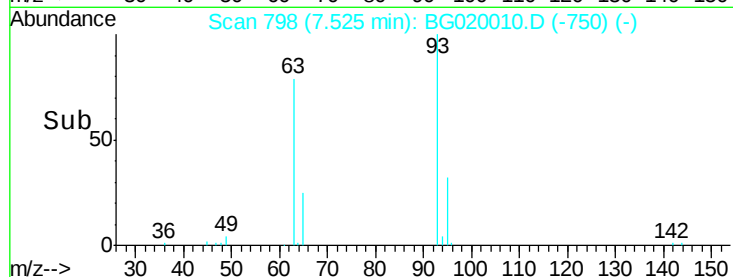
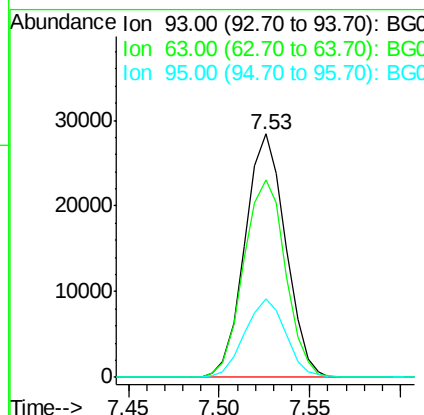
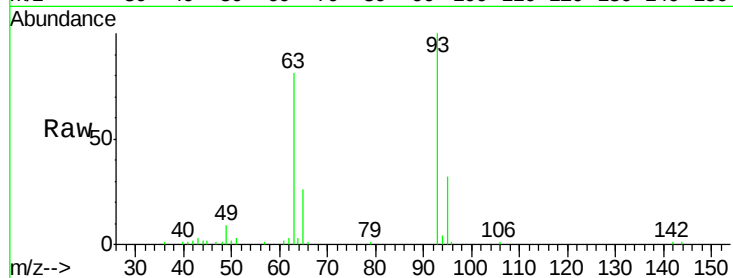




#11
bis(2-Chloroethyl)ether
Concen: 35.35 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

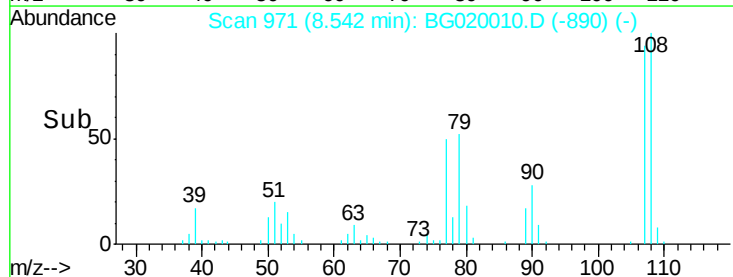
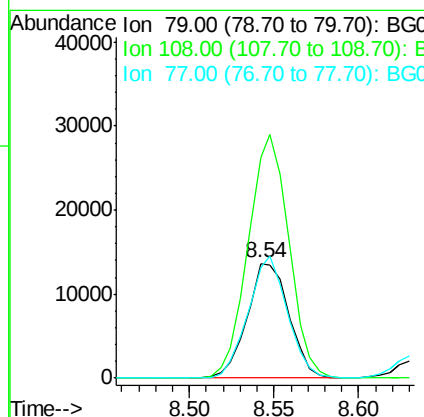
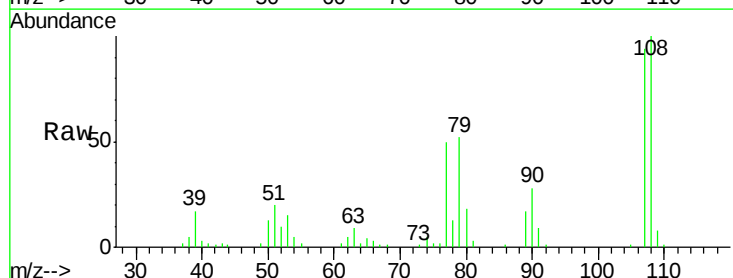
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

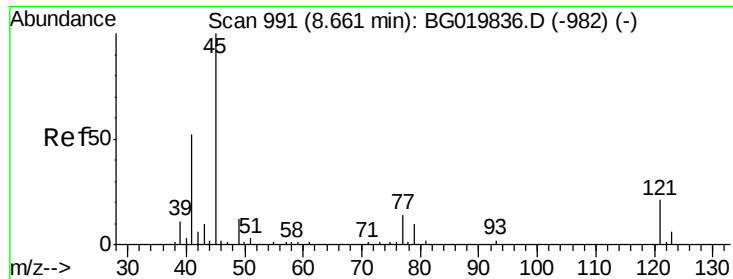
Tgt Ion: 93 Resp: 44237
Ion Ratio Lower Upper
93 100
63 81.4 50.5 90.5
95 32.4 12.2 52.2



#15
Benzyl Alcohol
Concen: 16.75 ng
RT: 8.54 min Scan# 971
Delta R.T. 0.18 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion: 79 Resp: 23598
Ion Ratio Lower Upper
79 100
108 193.3 65.5 98.3#
77 96.1 51.3 76.9#

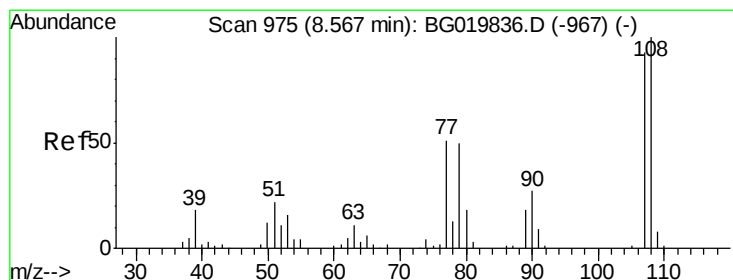
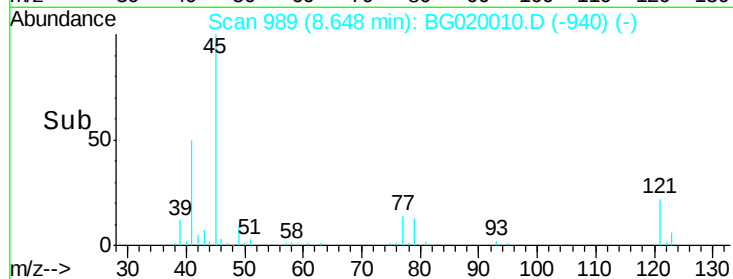
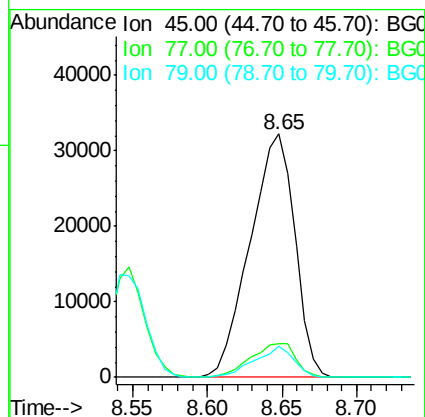
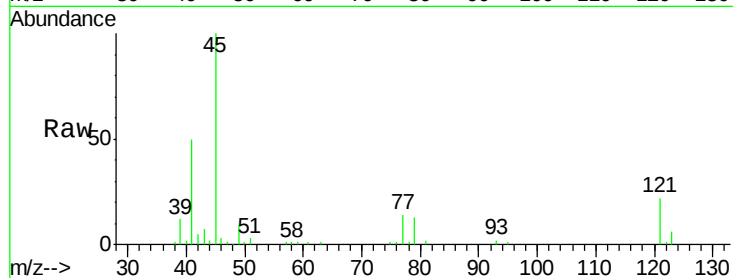




#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.77 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

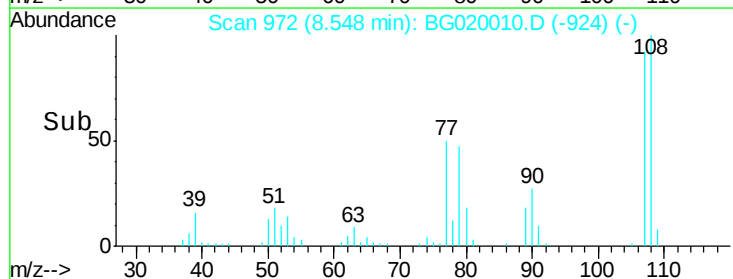
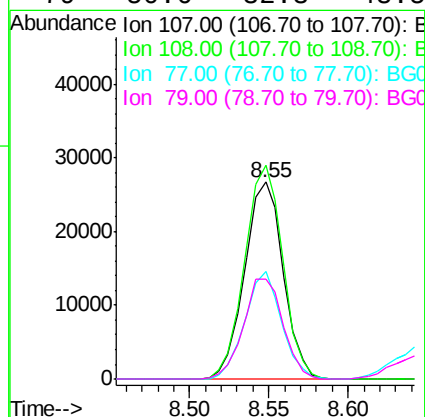
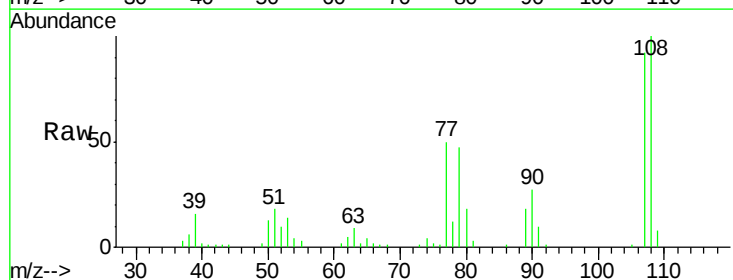
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

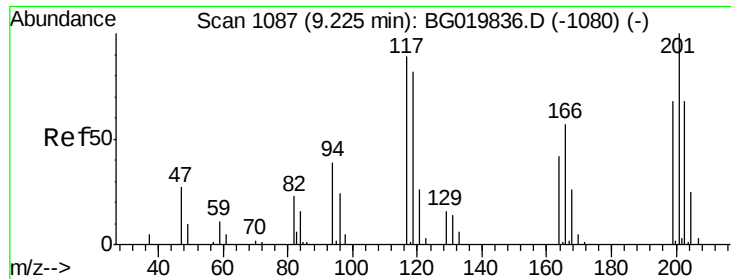
Tgt Ion: 45 Resp: 66884
Ion Ratio Lower Upper
45 100
77 13.9 0.0 37.0
79 12.6 0.0 33.8



#17
2-Methylphenol
Concen: 37.89 ng
RT: 8.55 min Scan# 972
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion: 107 Resp: 45198
Ion Ratio Lower Upper
107 100
108 108.5 86.5 129.7
77 54.5 34.6 51.8#
79 50.6 32.3 48.5#

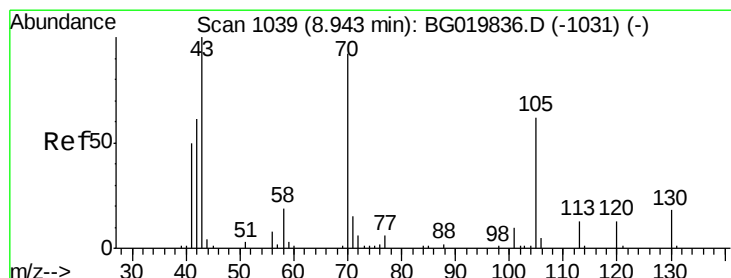
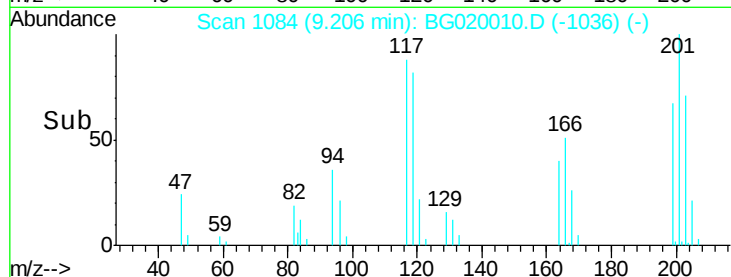
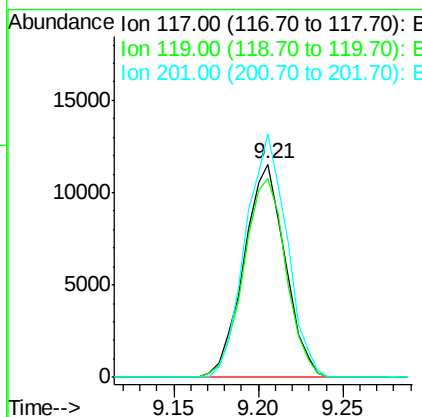
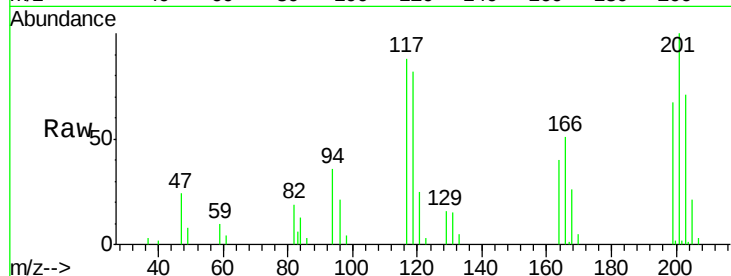




#18
 Hexachloroethane
 Concen: 34.42 ng
 RT: 9.21 min Scan# 1084
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

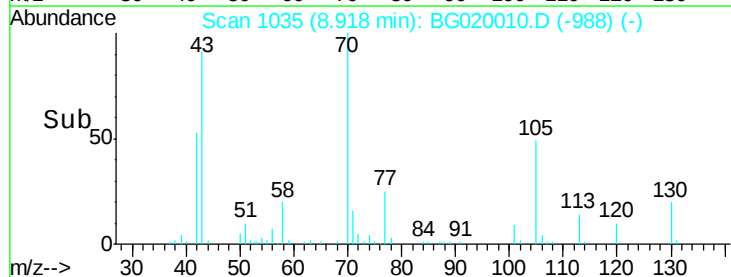
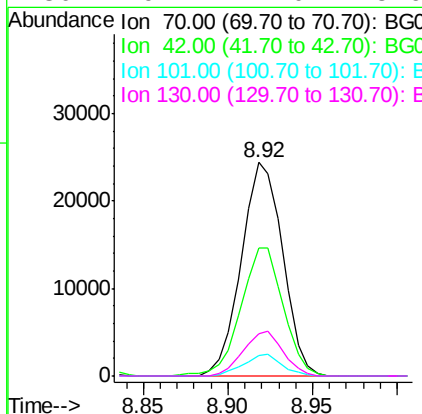
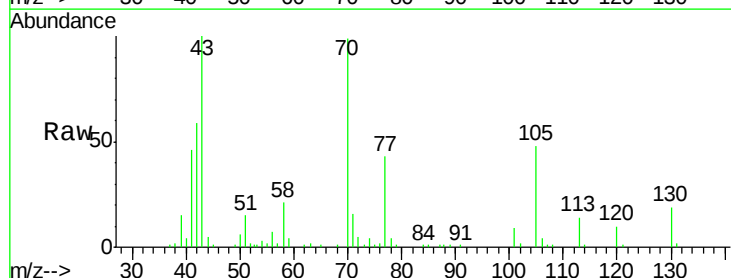
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

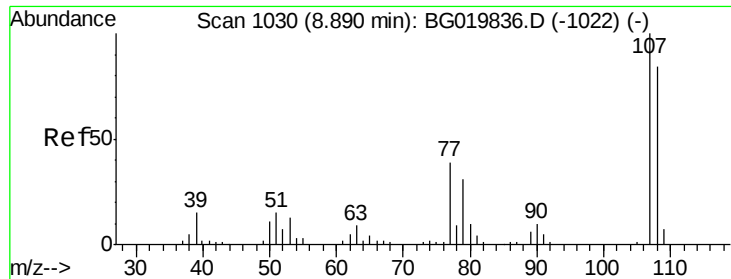
Tgt Ion: 117 Resp: 19561
 Ion Ratio Lower Upper
 117 100
 119 93.1 71.7 107.5
 201 117.0 90.9 136.3



#19
 n-Nitroso-di-n-propylamine
 Concen: 32.81 ng
 RT: 8.92 min Scan# 1035
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion: 70 Resp: 41541
 Ion Ratio Lower Upper
 70 100
 42 59.9 40.6 60.8
 101 9.4 8.6 13.0
 130 19.7 17.0 25.6

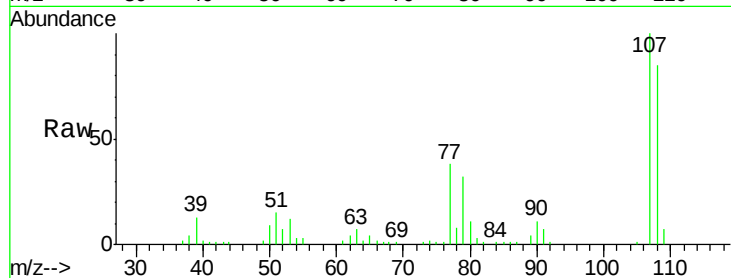




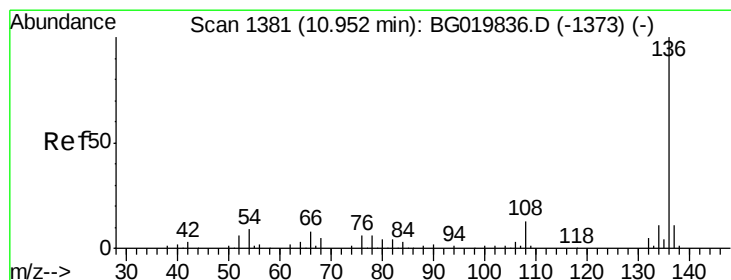
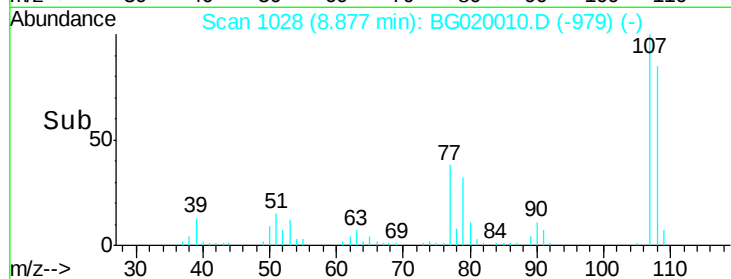
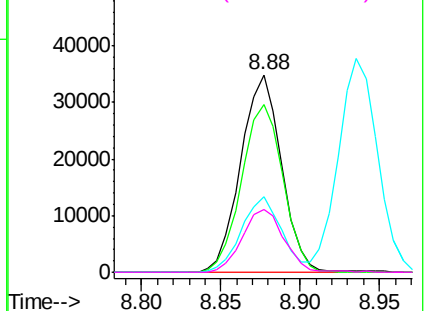
#20
3+4-Methylphenols
Concen: 37.13 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

Tgt Ion:	107	Resp:	62365
Ion	Ratio	Lower	Upper
107	100		
108	85.0	72.2	112.2
77	38.4	13.4	53.4
79	31.6	7.2	47.2

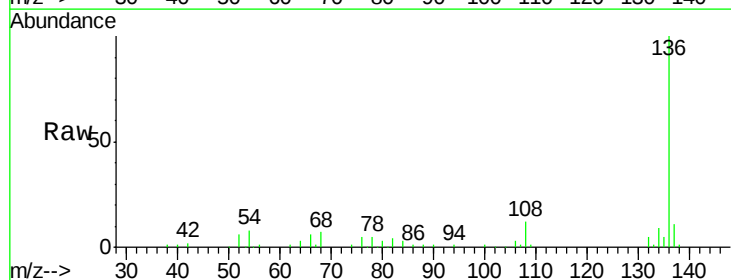


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

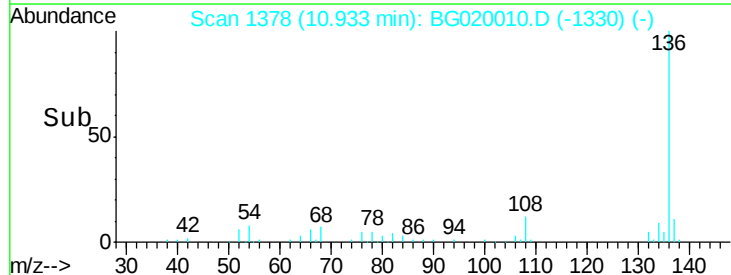
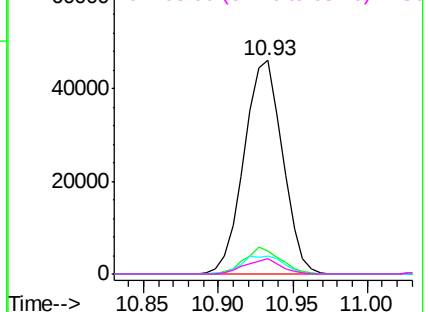


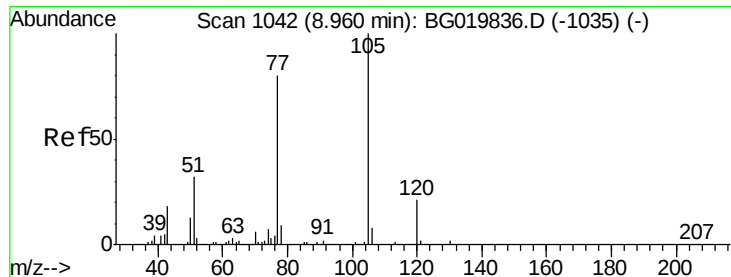
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion:	136	Resp:	82102
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	12.8
54	8.7	5.4	8.2#
68	6.9	5.3	7.9



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: 35.07 ng

RT: 8.94 min Scan# 1038

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

Tgt Ion: 105 Resp: 78924

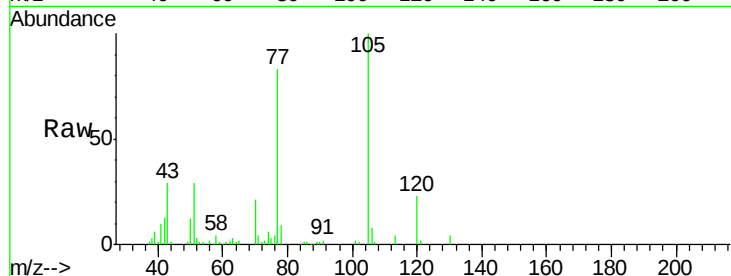
Ion Ratio Lower Upper

105 100

71 3.7 2.1 3.1#

51 28.7 17.8 26.8#

120 23.0 17.7 26.5

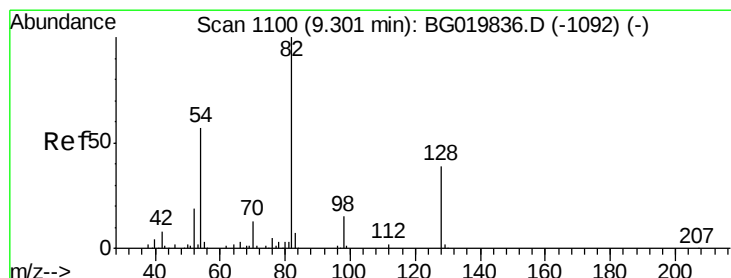
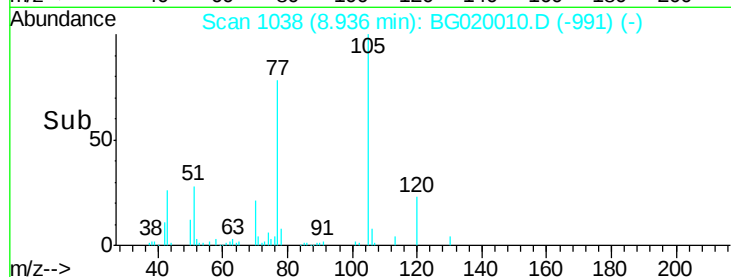
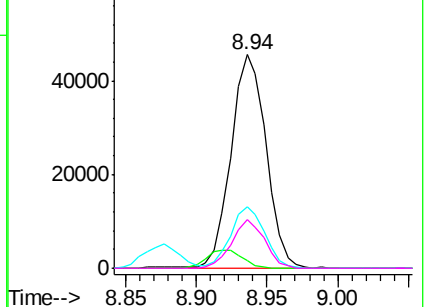


Abundance Ion 105.00 (104.70 to 105.70): E

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: 37.68 ng

RT: 9.28 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

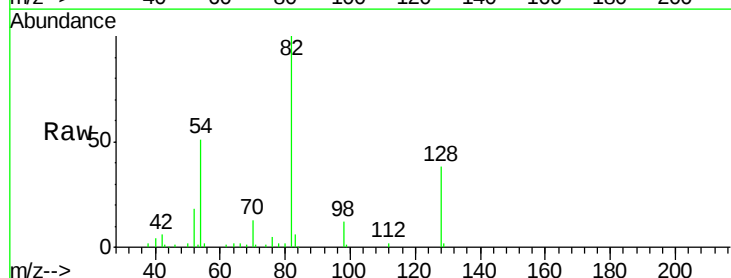
Tgt Ion: 82 Resp: 60624

Ion Ratio Lower Upper

82 100

128 38.1 36.7 55.1

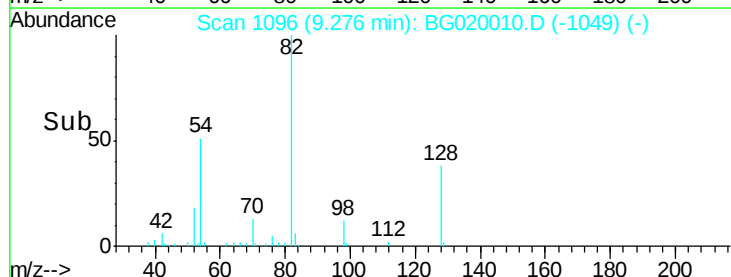
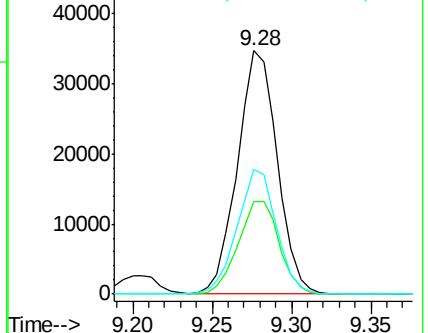
54 51.0 33.8 50.8#

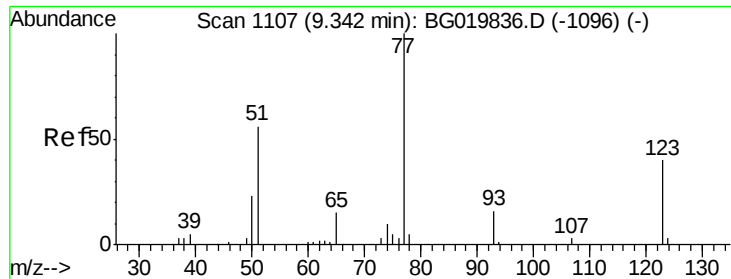


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

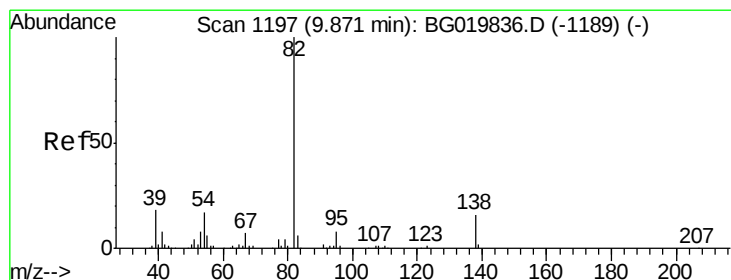
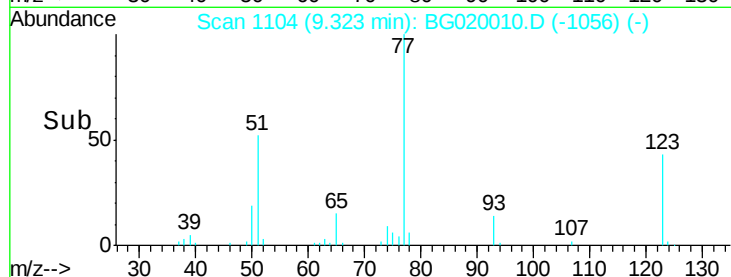
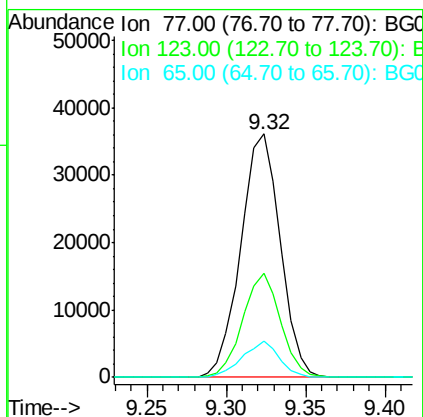
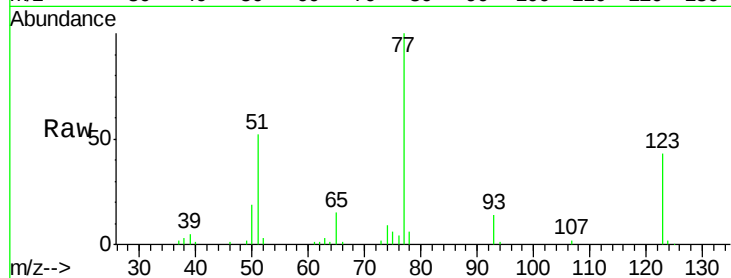




#24
Nitrobenzene
Concen: 35.84 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

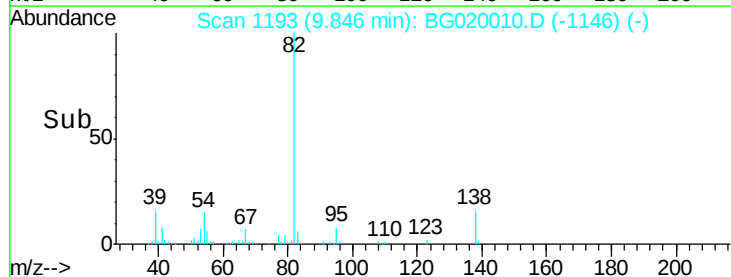
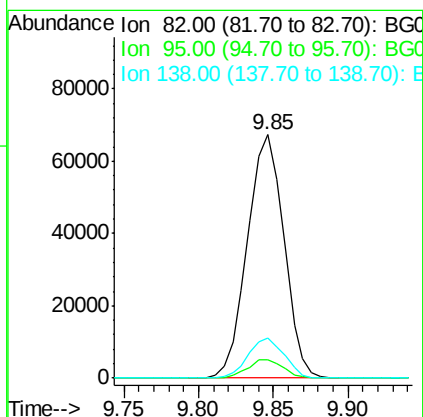
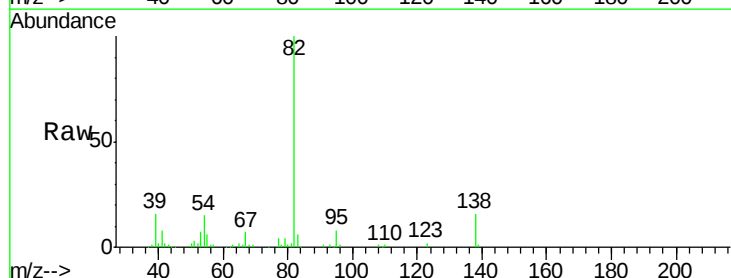
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

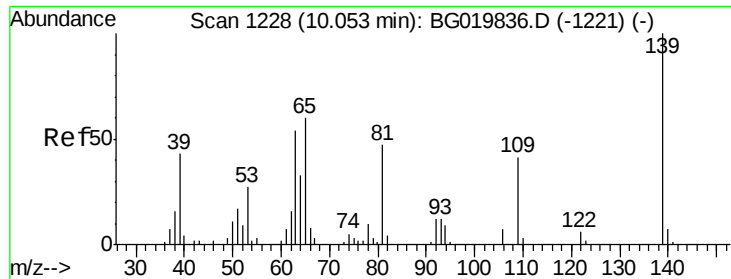
Tgt Ion: 77 Resp: 62534
Ion Ratio Lower Upper
77 100
123 42.9 38.2 57.2
65 15.0 10.6 16.0



#25
Isophorone
Concen: 33.03 ng
RT: 9.85 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion: 82 Resp: 113933
Ion Ratio Lower Upper
82 100
95 7.8 5.2 7.8
138 16.3 14.4 21.6

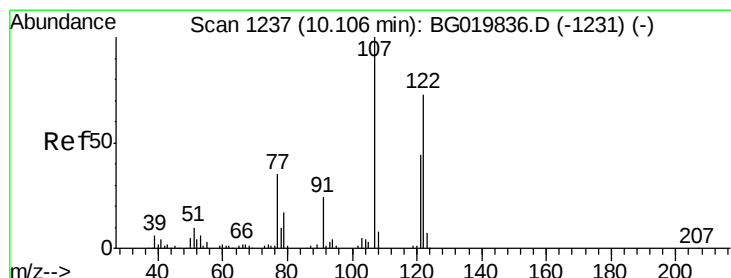
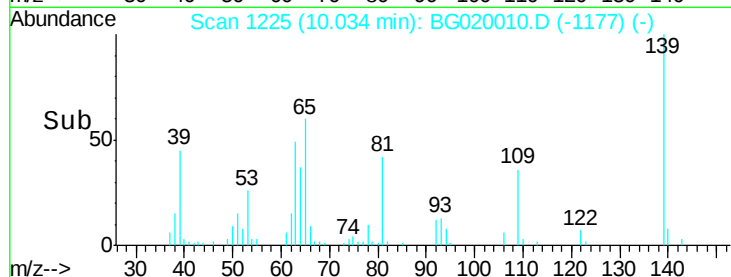
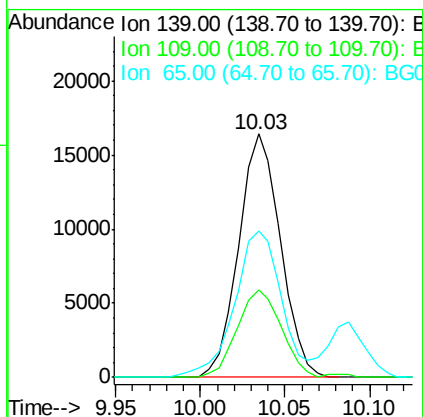
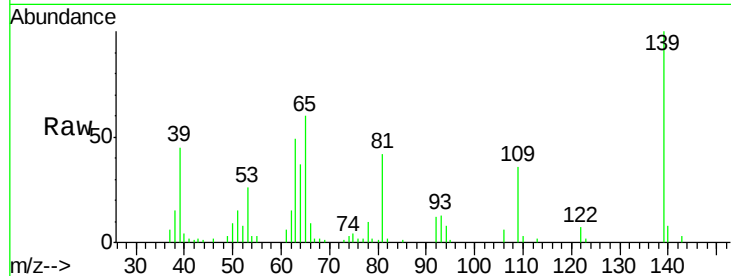




#26
 2-Nitrophenol
 Concen: 41.87 ng
 RT: 10.03 min Scan# 1225
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

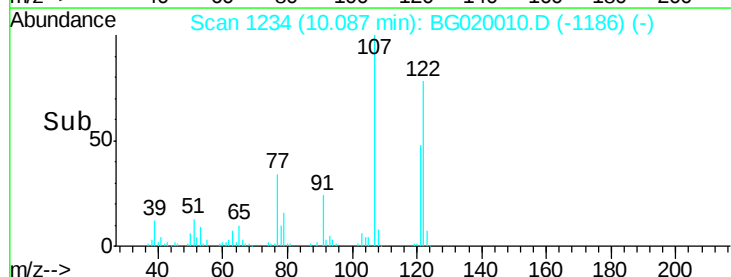
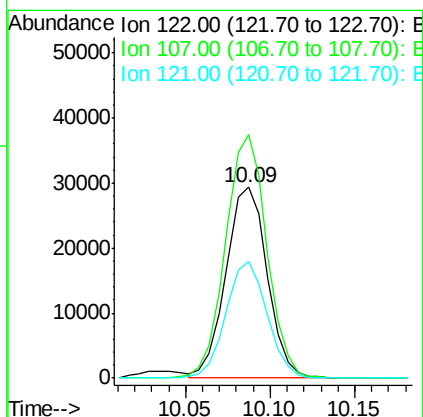
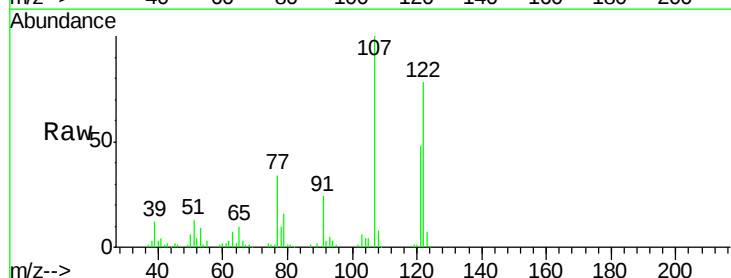
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

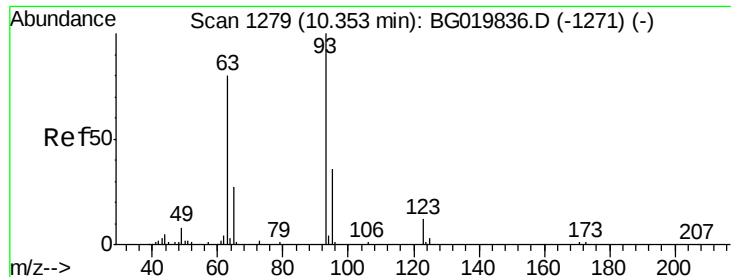
Tgt Ion:139 Resp: 28216
 Ion Ratio Lower Upper
 139 100
 109 35.7 20.1 30.1#
 65 60.4 34.1 51.1#



#27
 2,4-Dimethylphenol
 Concen: 35.47 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion:122 Resp: 49782
 Ion Ratio Lower Upper
 122 100
 107 127.4 91.6 137.4
 121 61.0 47.3 70.9

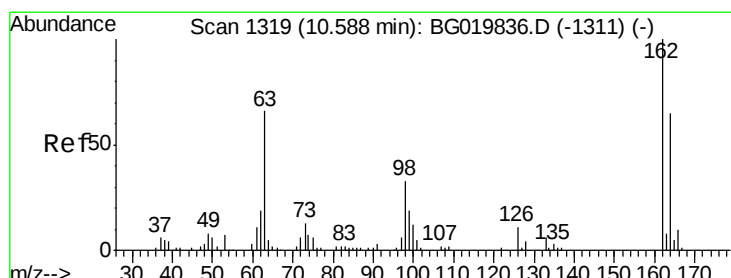
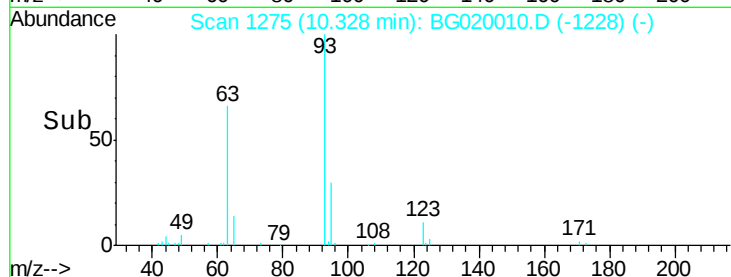
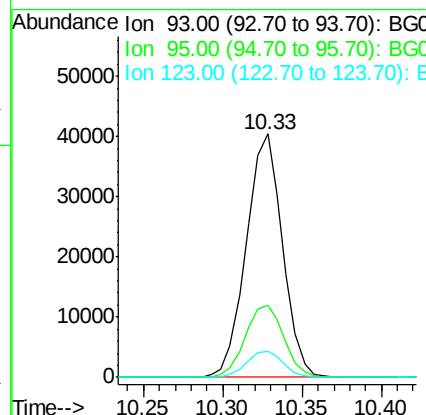
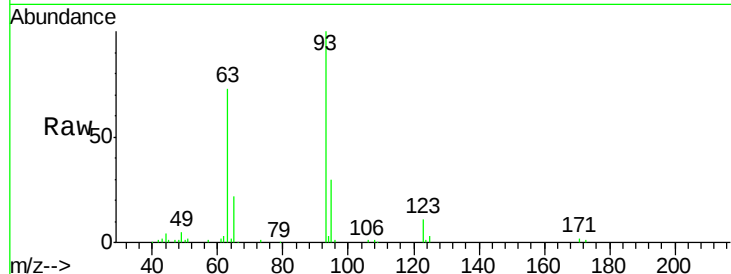




#28
bis(2-Chloroethoxy)methane
Concen: 37.87 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

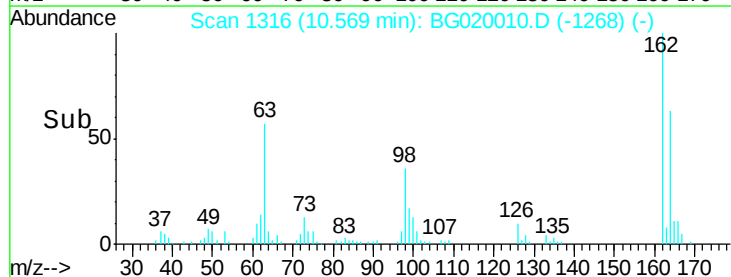
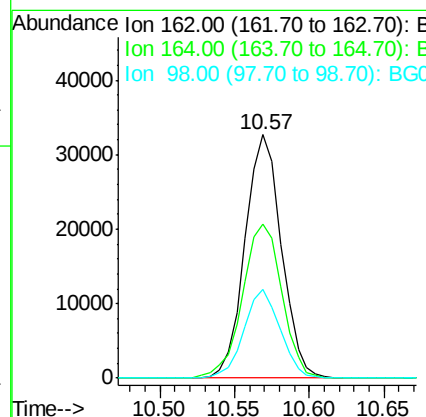
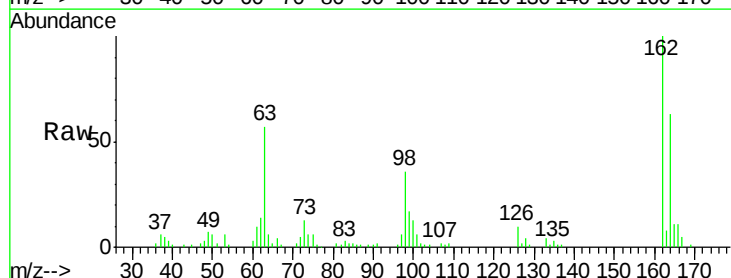
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

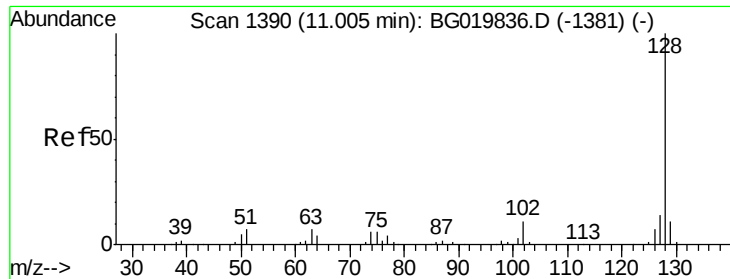
Tgt Ion: 93 Resp: 63824
Ion Ratio Lower Upper
93 100
95 29.8 25.7 38.5
123 10.7 8.6 12.8



#29
2,4-Dichlorophenol
Concen: 38.44 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion: 162 Resp: 55109
Ion Ratio Lower Upper
162 100
164 63.3 42.3 82.3
98 36.4 11.5 51.5

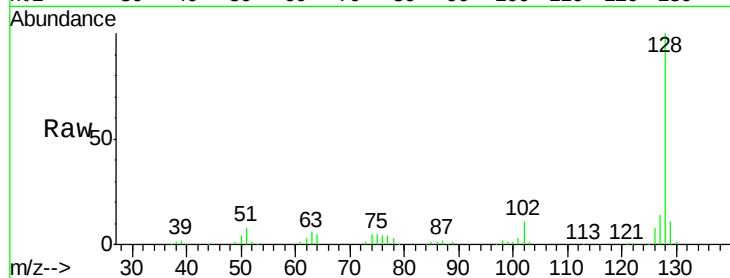




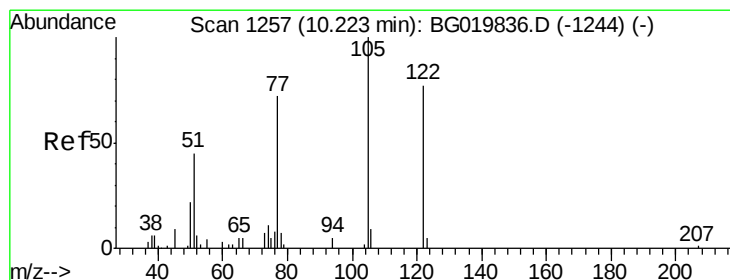
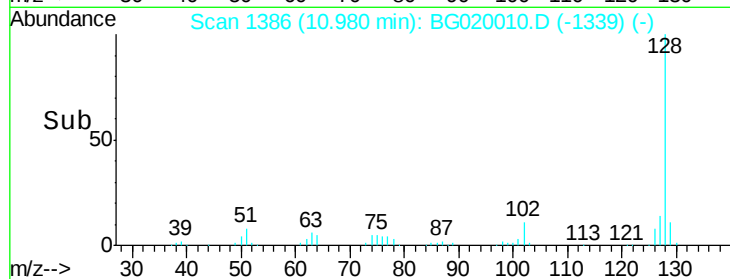
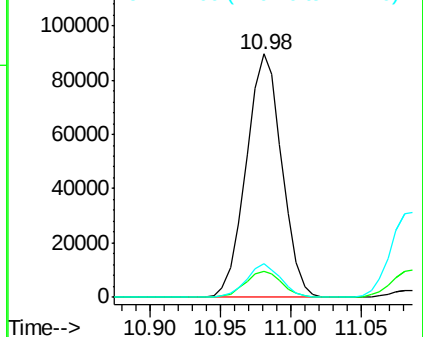
#31
Naphthalene
Concen: 35.96 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

Tgt Ion:128 Resp: 158163
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.6 10.6 16.0

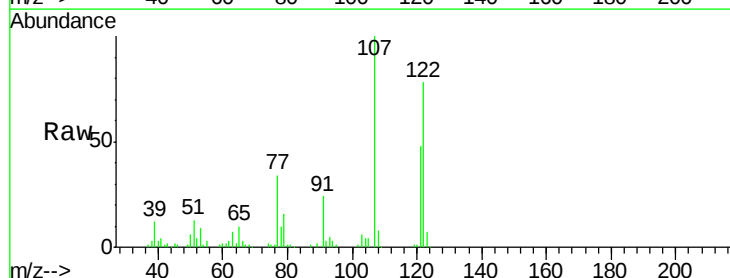


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

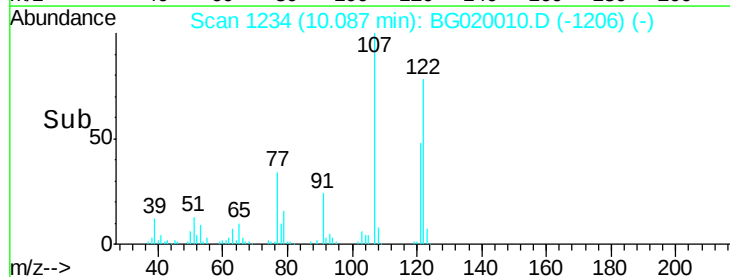
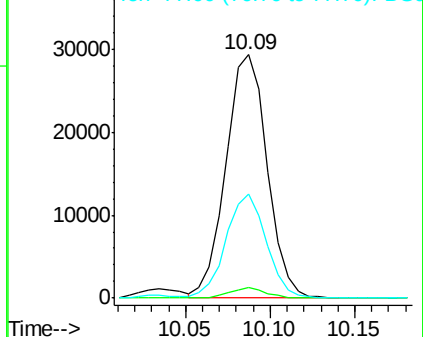


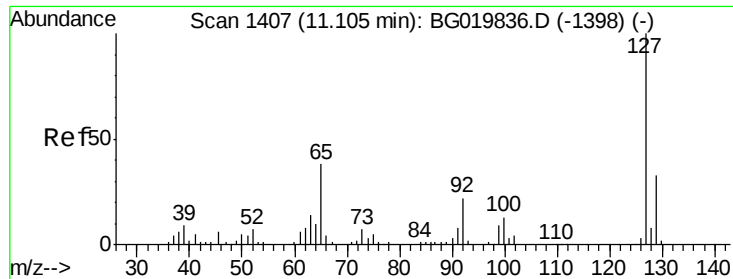
#32
Benzoic acid
Concen: 52.05 ng
RT: 10.09 min Scan# 1234
Delta R.T. -0.14 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion:122 Resp: 49782
Ion Ratio Lower Upper
122 100
105 4.5 103.8 143.8#
77 42.7 68.8 108.8#



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

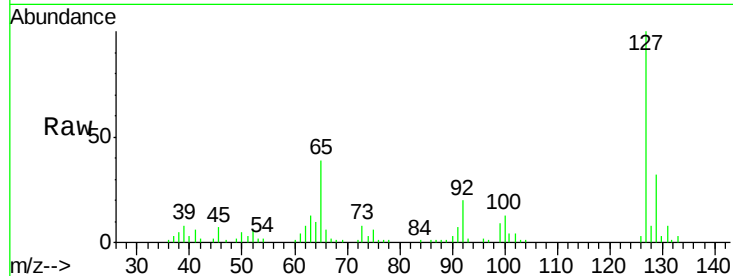




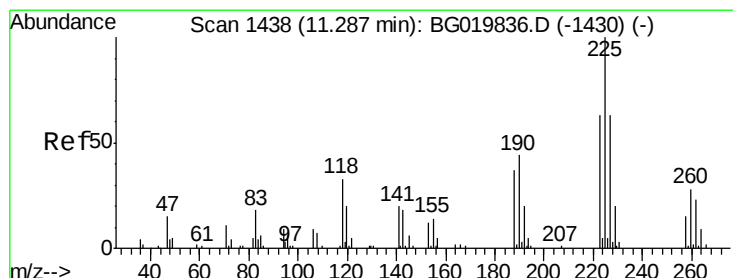
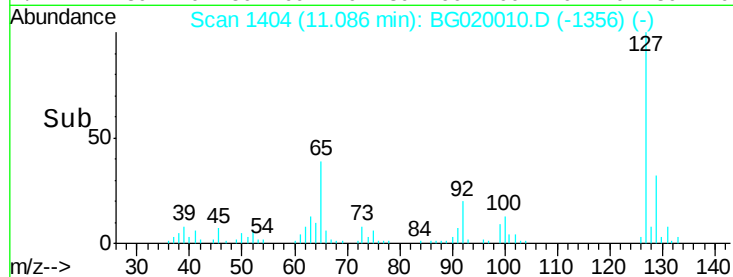
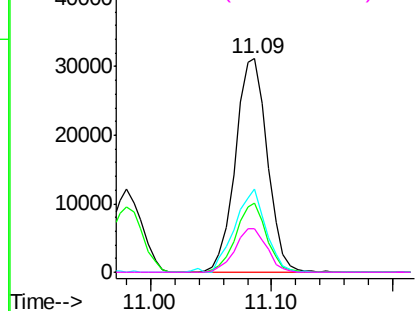
#33
4-Chloroaniline
Concen: 29.58 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

Tgt Ion:	127	Resp:	57322
Ion	Ratio	Lower	Upper
127	100		
129	32.2	24.6	37.0
65	39.3	22.6	33.8#
92	20.5	15.1	22.7

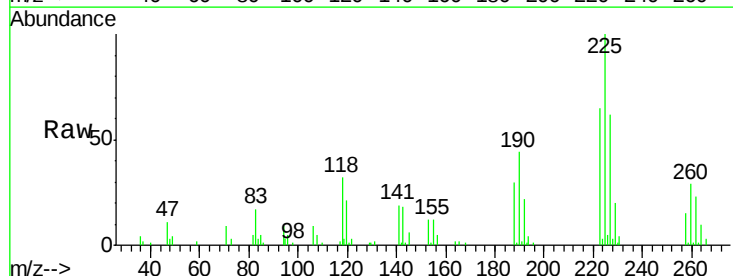


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

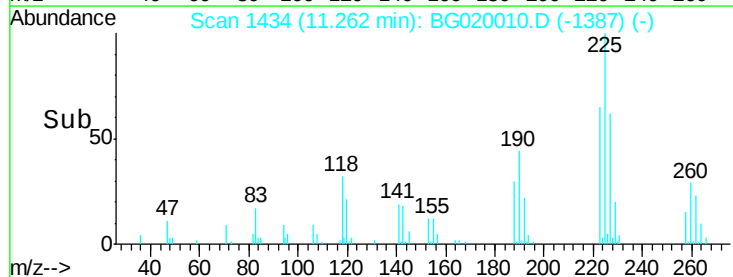
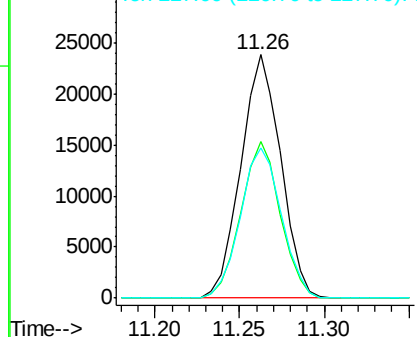


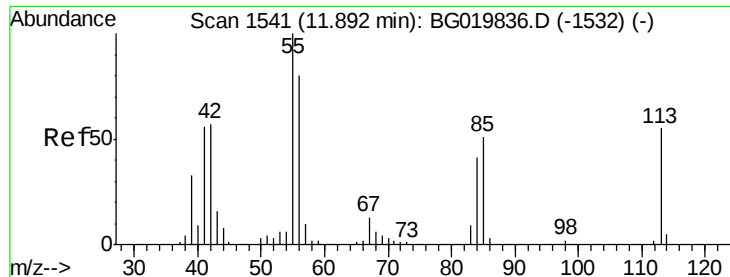
#34
Hexachlorobutadiene
Concen: 32.79 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion:	225	Resp:	39194
Ion	Ratio	Lower	Upper
225	100		
223	61.7	51.0	76.4
227	62.0	51.8	77.8



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: 34.18 ng

RT: 11.84 min Scan# 1533

Delta R.T. -0.05 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

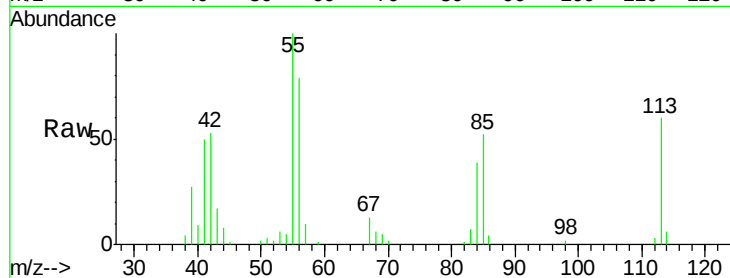
Tgt Ion:113 Resp: 18242

Ion Ratio Lower Upper

113 100

55 165.9 135.0 175.0

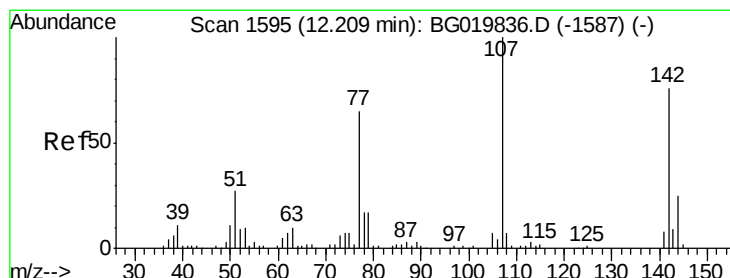
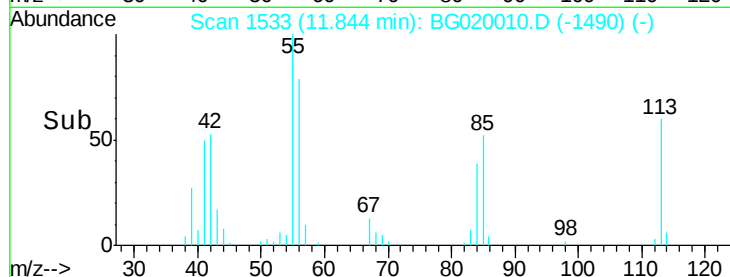
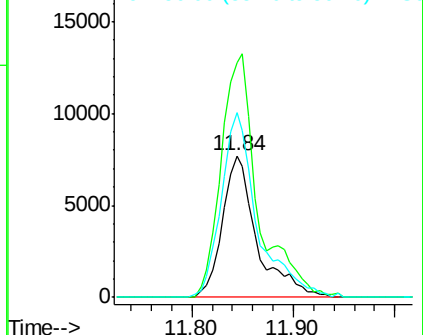
56 130.6 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 34.37 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

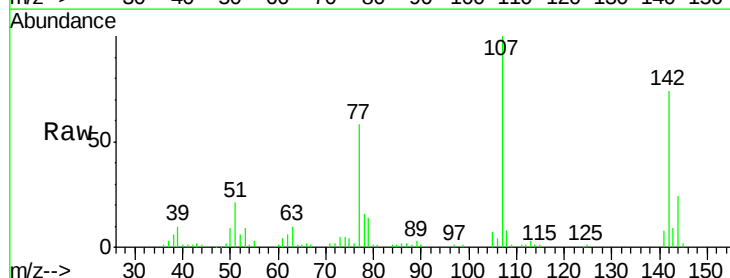
Tgt Ion:107 Resp: 61368

Ion Ratio Lower Upper

107 100

144 23.8 20.6 31.0

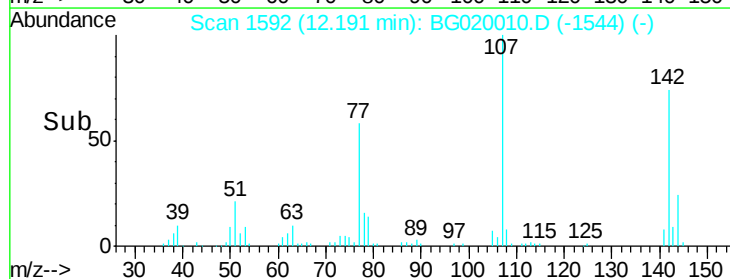
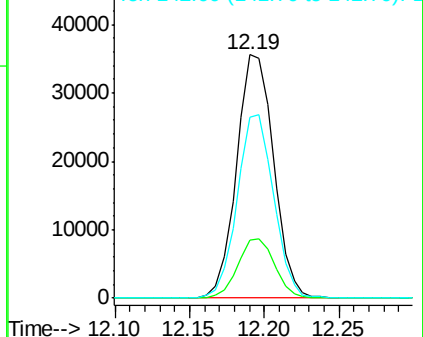
142 74.4 62.6 93.8

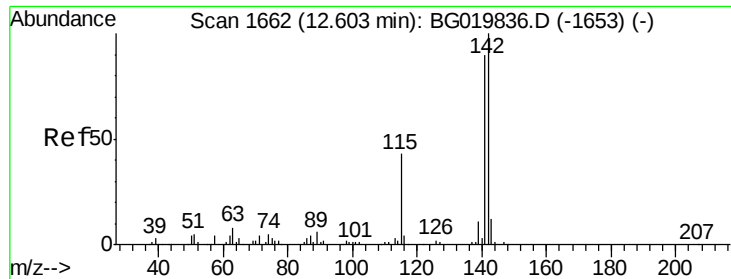


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

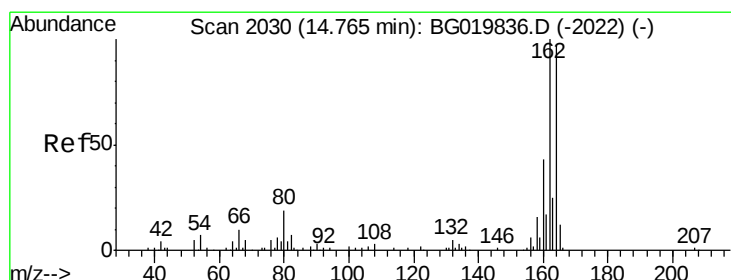
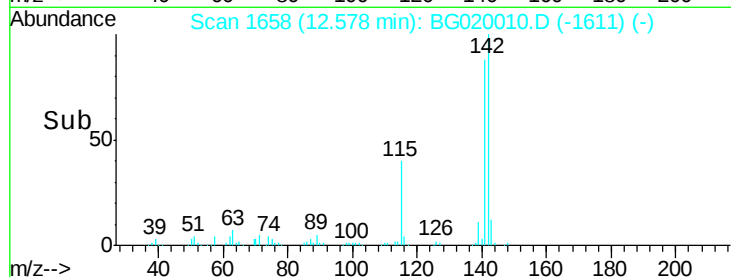
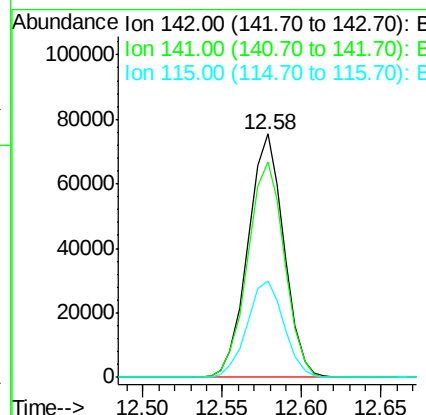
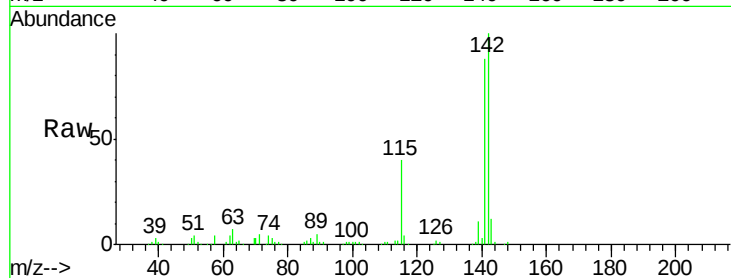




#37
 2-Methylnaphthalene
 Concen: 36.79 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

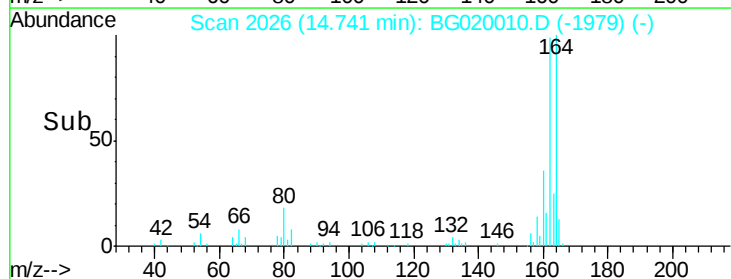
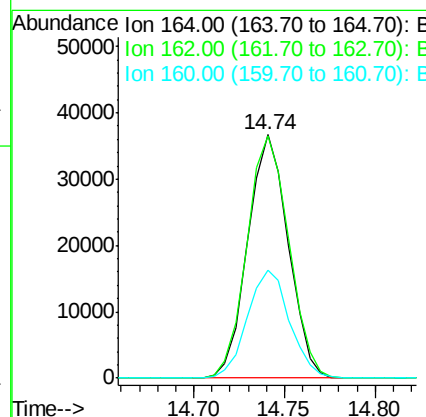
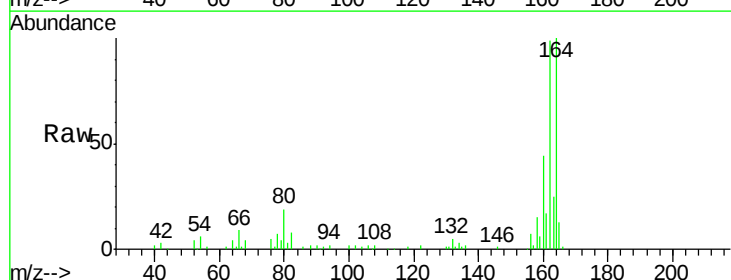
Instrument :
 BNA_G
 ClientSampleID :
 SP3516DL 5X

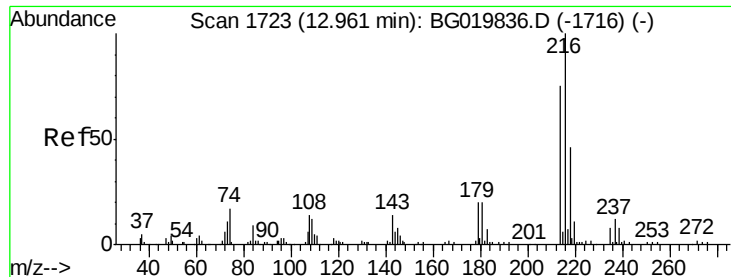
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.3	74.6	112.0
115	39.6	27.4	41.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	78.8	118.2
160	44.3	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.86 ng

RT: 12.94 min Scan# 1720

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

Tgt Ion:216 Resp: 77329

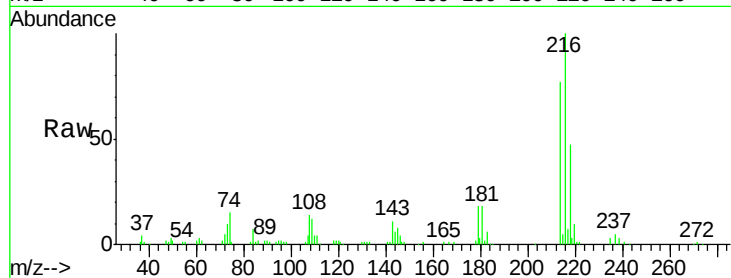
Ion Ratio Lower Upper

216 100

214 79.8 62.5 93.7

179 19.4 15.6 23.4

108 15.8 13.3 19.9

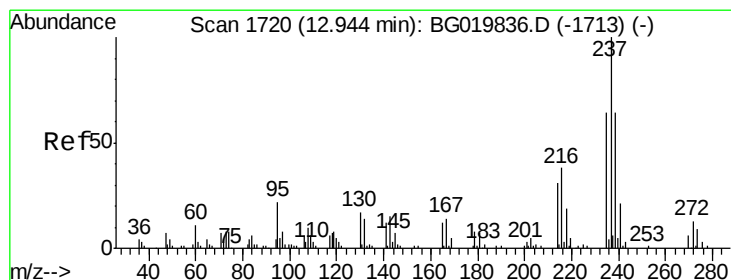
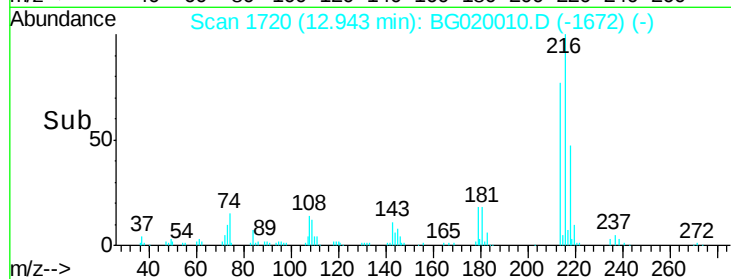
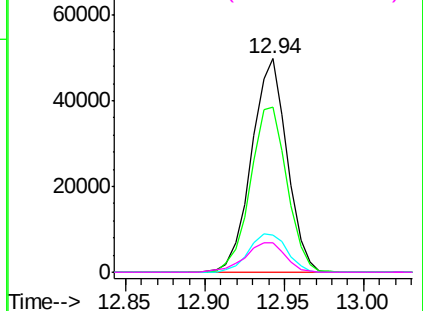


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 31.64 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

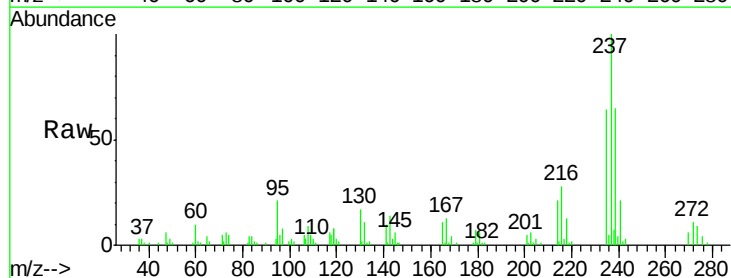
Tgt Ion:237 Resp: 38908

Ion Ratio Lower Upper

237 100

235 64.4 44.6 84.6

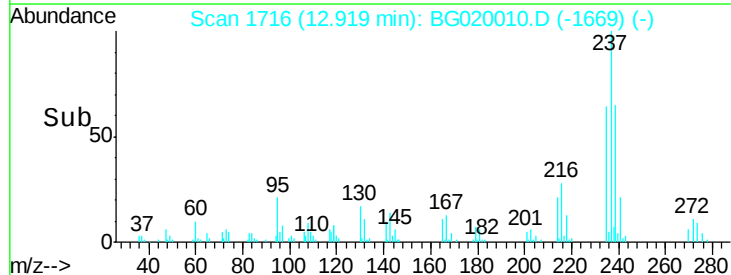
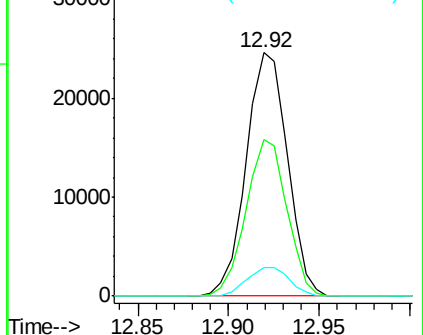
272 11.5 0.0 32.8

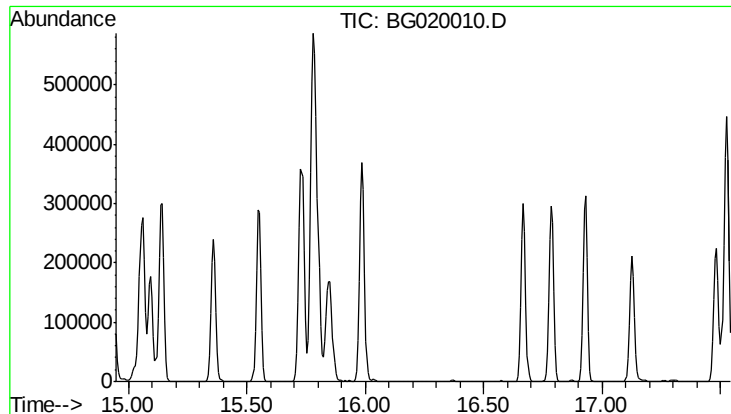


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 16.25 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

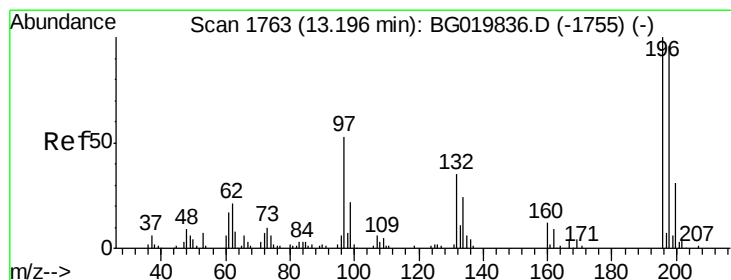
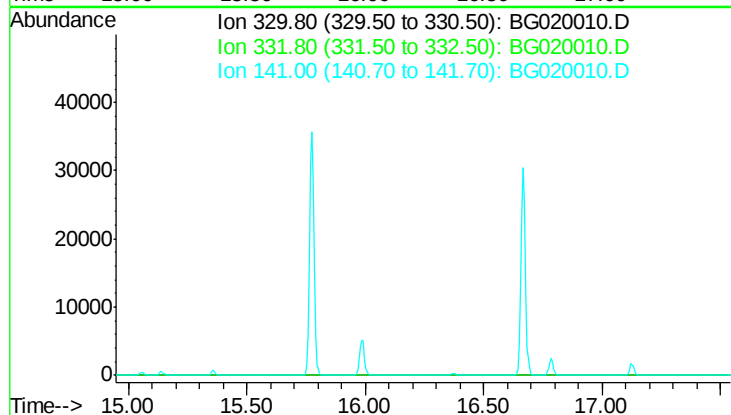
Tgt Ion: 330

Sig Exp Ratio

330 100

332 97.6

141 35.2



#42

2,4,6-Trichlorophenol

Concen: 35.66 ng

RT: 13.18 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

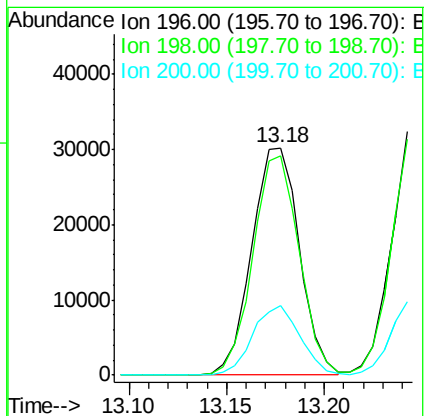
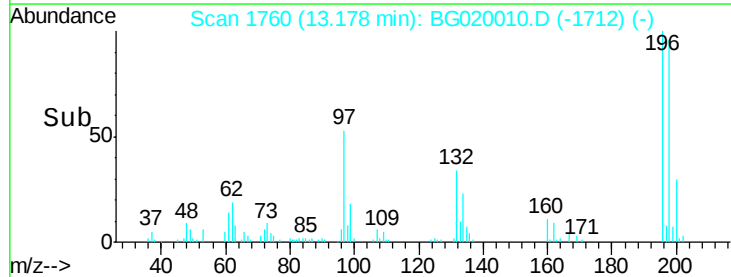
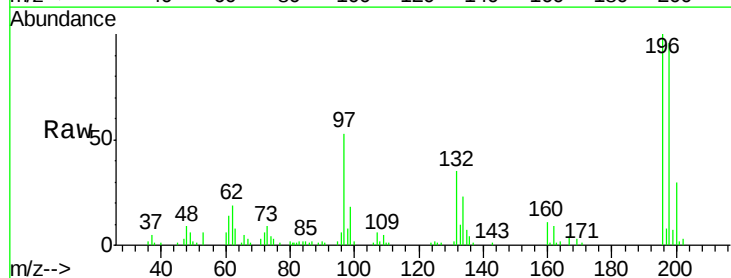
Tgt Ion: 196 Resp: 50915

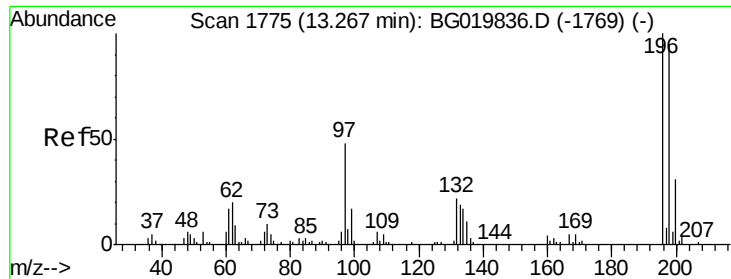
Ion Ratio Lower Upper

196 100

198 96.4 74.7 112.1

200 30.4 24.1 36.1

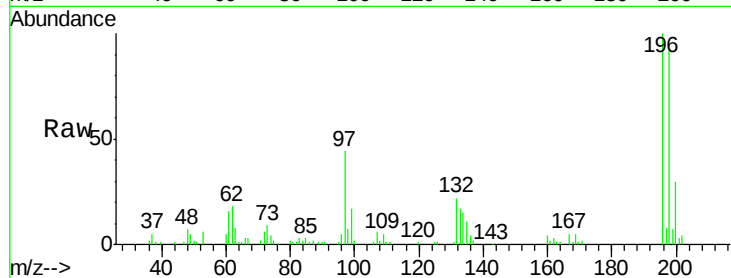




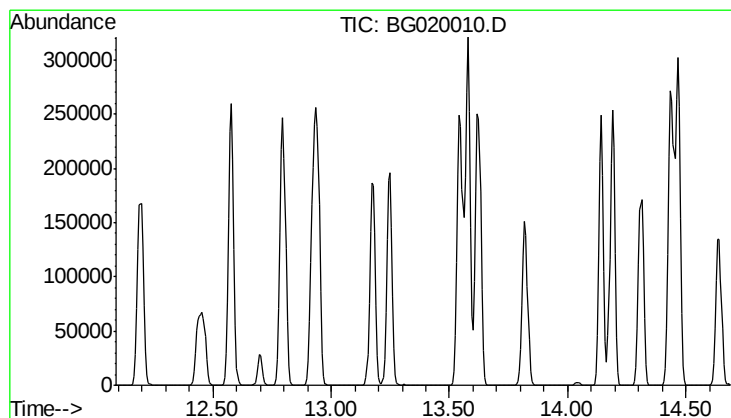
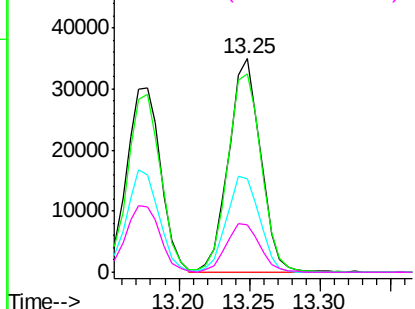
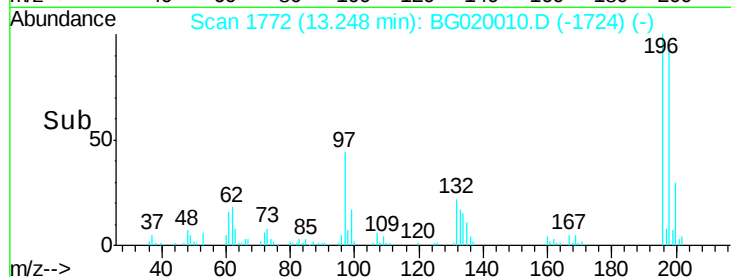
#43
 2,4,5-Trichlorophenol
 Concen: 36.81 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

Tgt Ion:196 Resp: 55554
 Ion Ratio Lower Upper
 196 100
 198 92.9 75.2 112.8
 97 43.6 34.2 51.2
 132 22.4 21.8 32.6



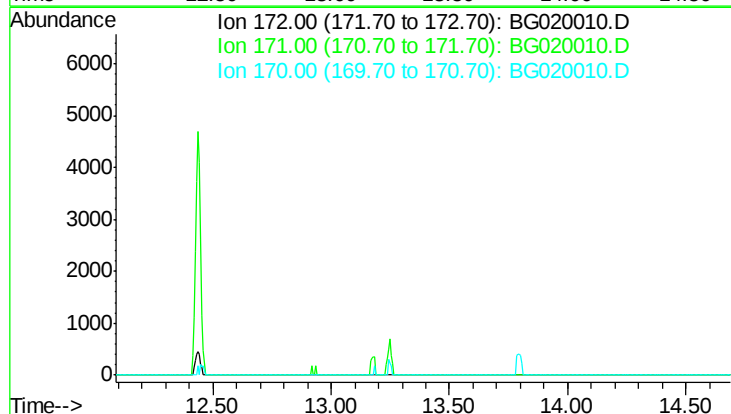
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

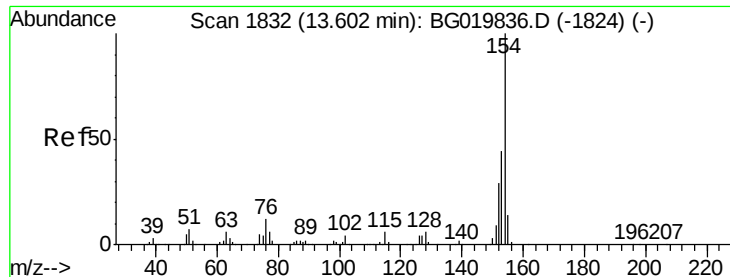


#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 13.39 min

Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 36.3
 170 24.9

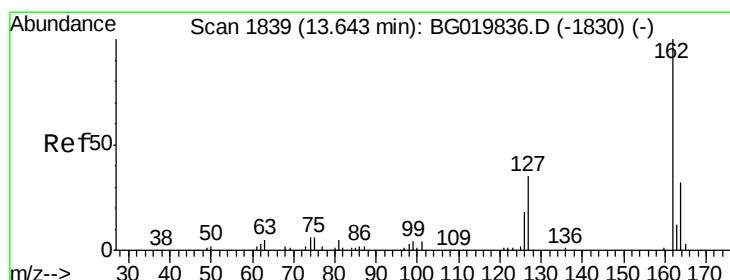
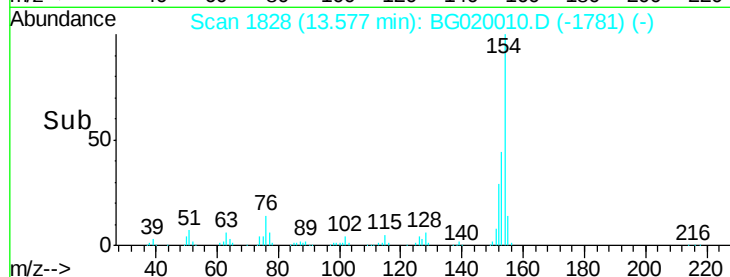
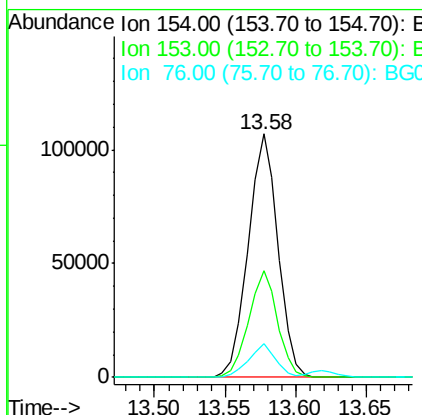
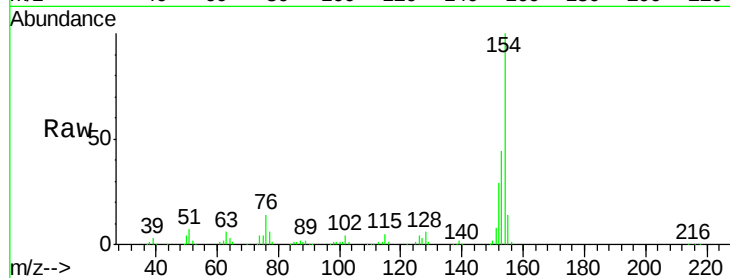




#45
 1,1'-Biphenyl
 Concen: 33.91 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

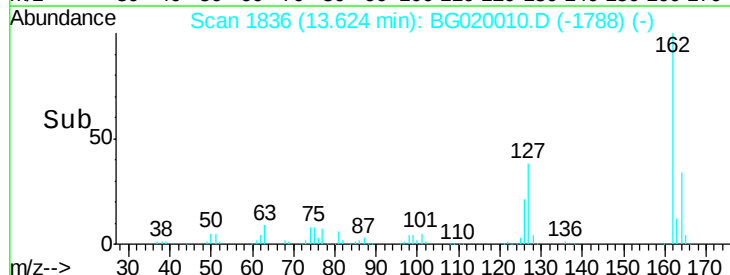
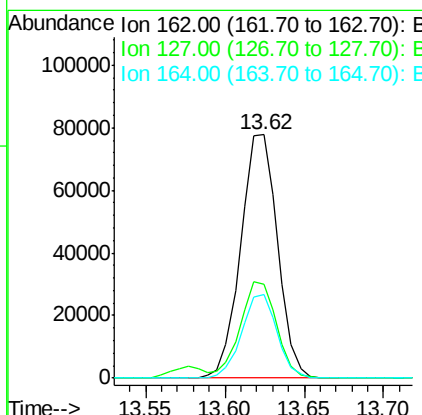
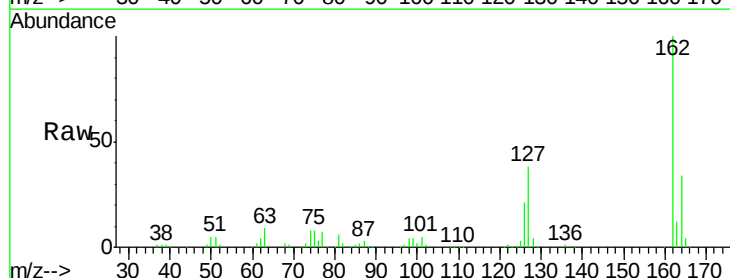
Instrument :
 BNA_G
 ClientSampled :
 SP3516DL 5X

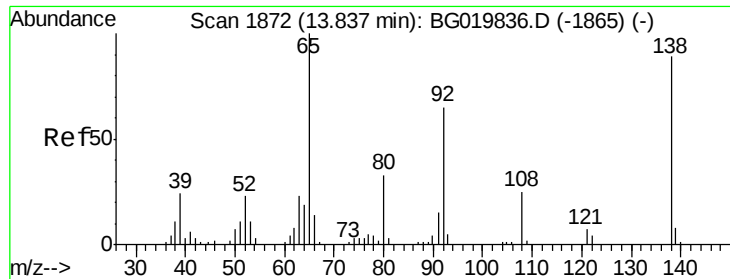
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.8	21.9	61.9
76	13.7	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 34.87 ng
 RT: 13.62 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.4	28.3	42.5
164	34.5	27.4	41.0

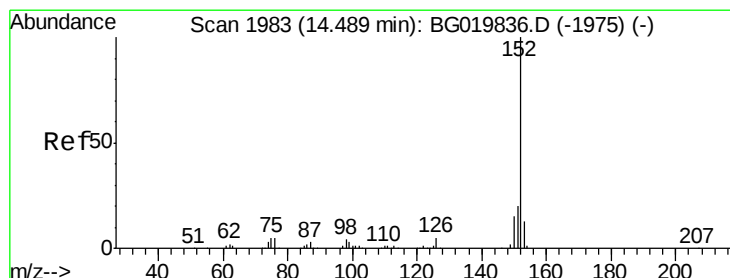
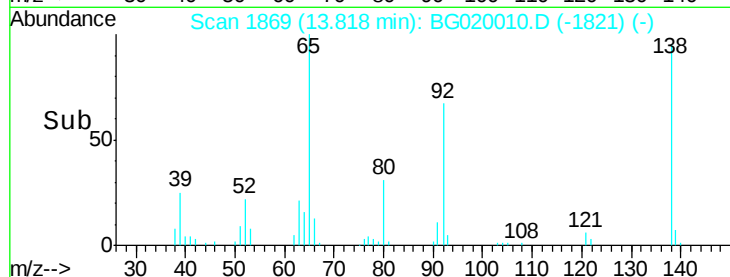
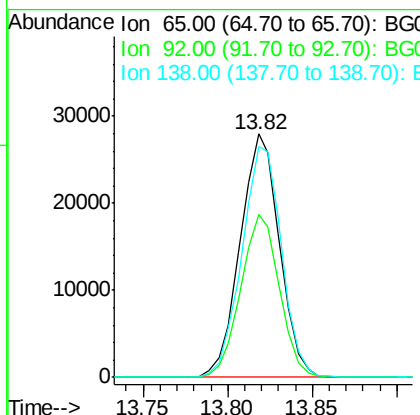
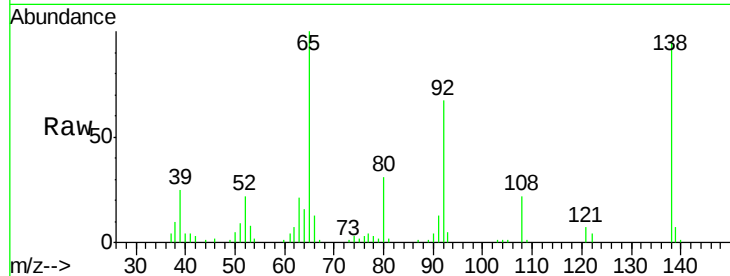




#47
2-Nitroaniline
Concen: 39.67 ng
RT: 13.82 min Scan# 1869
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

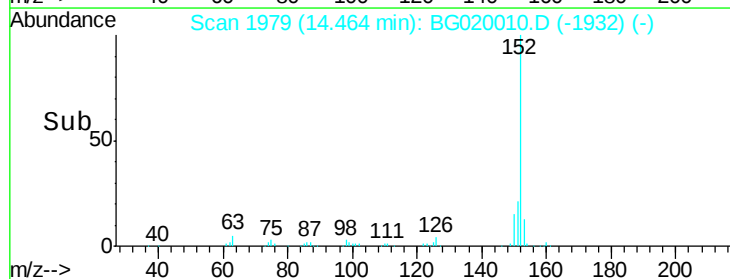
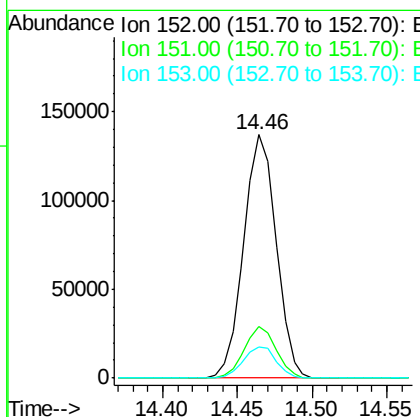
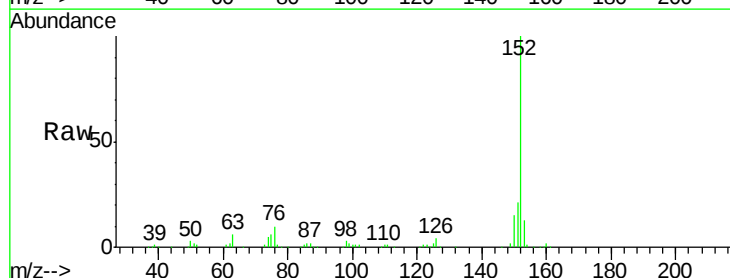
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

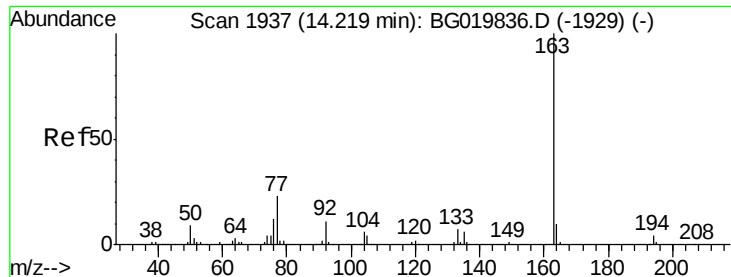
Tgt Ion: 65 Resp: 45042
Ion Ratio Lower Upper
65 100
92 67.0 54.8 82.2
138 94.7 89.6 134.4



#48
Acenaphthylene
Concen: 33.77 ng
RT: 14.46 min Scan# 1979
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion: 152 Resp: 206772
Ion Ratio Lower Upper
152 100
151 21.1 17.0 25.4
153 12.7 10.4 15.6





#49

Dimethylphthalate

Concen: 31.94 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

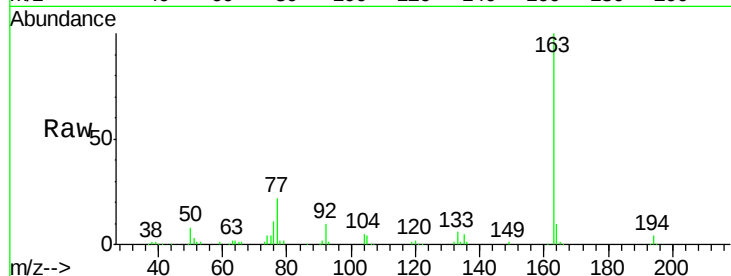
Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

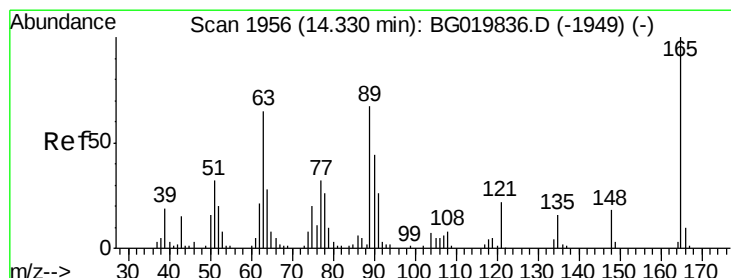
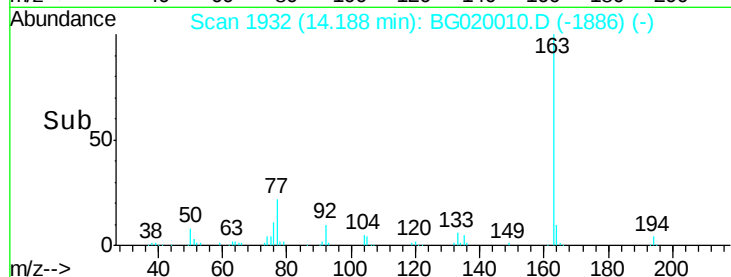
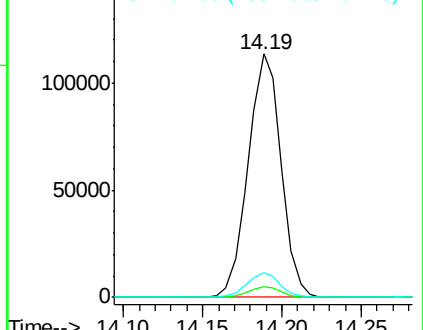
Tgt Ion:	163	Resp:	163306
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.1	4.7
164	10.0	8.8	13.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.38 ng

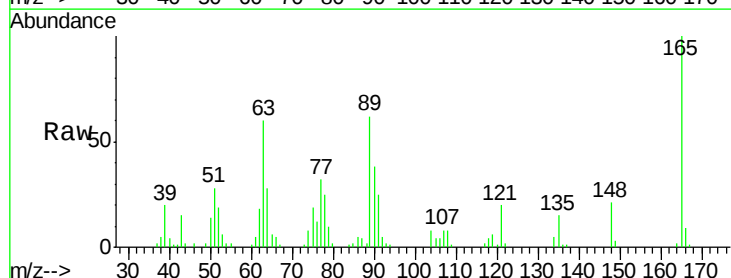
RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

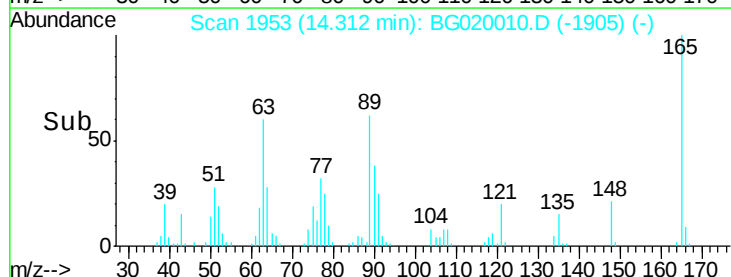
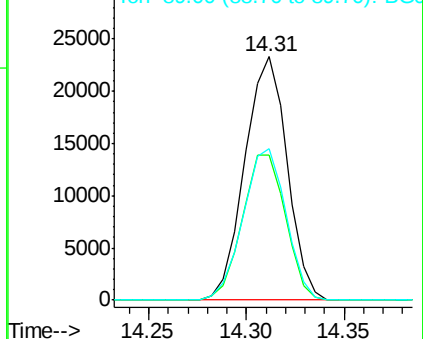
Tgt Ion:	165	Resp:	34964
Ion Ratio	Lower	Upper	
165	100		
63	59.6	35.7	53.5#
89	62.2	39.7	59.5#

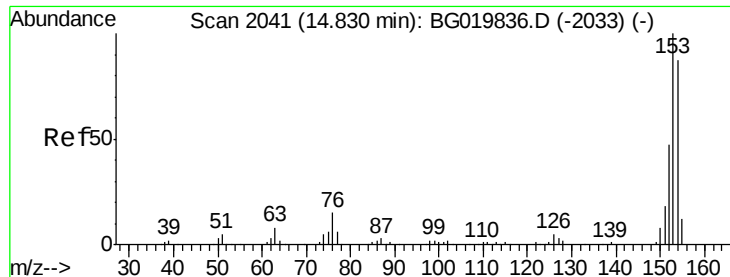


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 34.51 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

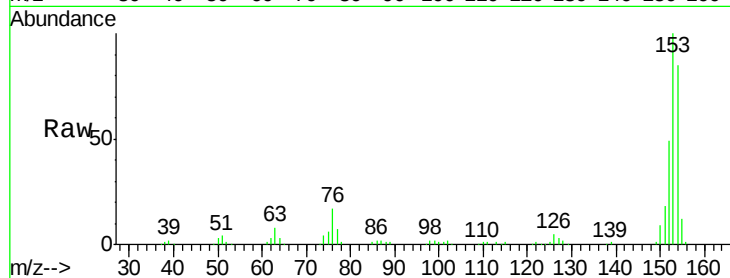
Tgt Ion:154 Resp: 128239

Ion Ratio Lower Upper

154 100

153 117.5 92.9 139.3

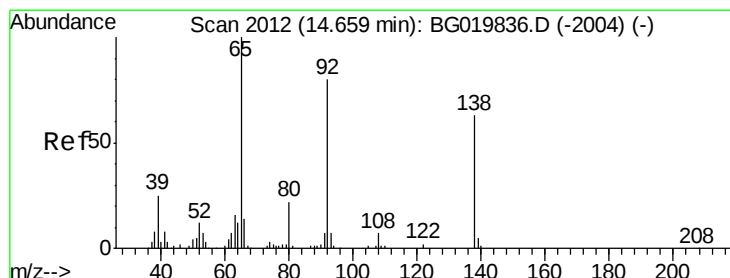
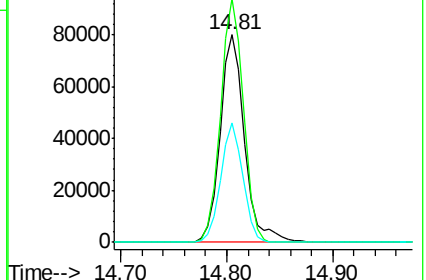
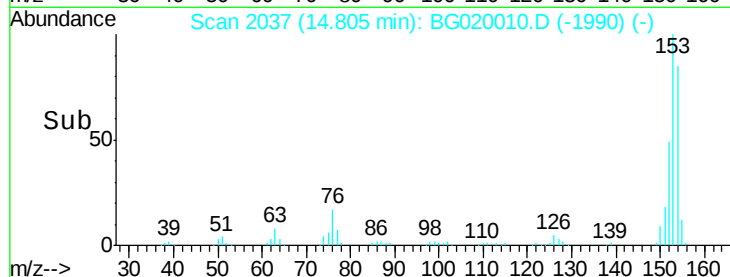
152 57.4 45.8 68.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.52 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

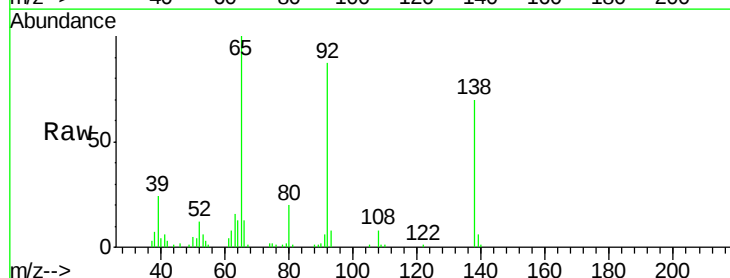
Tgt Ion:138 Resp: 33473

Ion Ratio Lower Upper

138 100

108 11.7 7.9 11.9

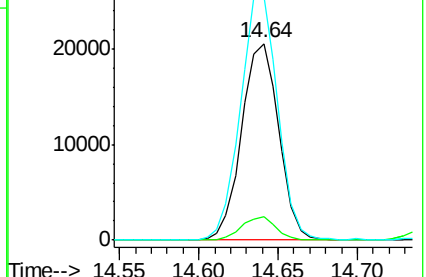
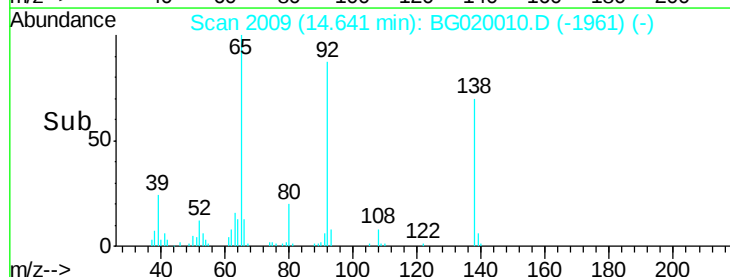
92 123.9 94.2 141.4

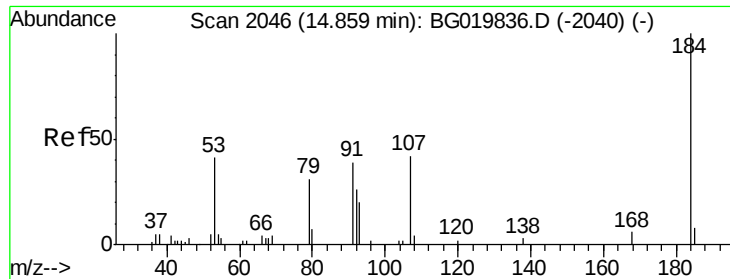


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

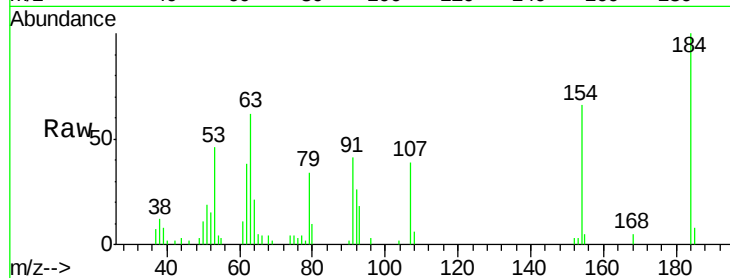




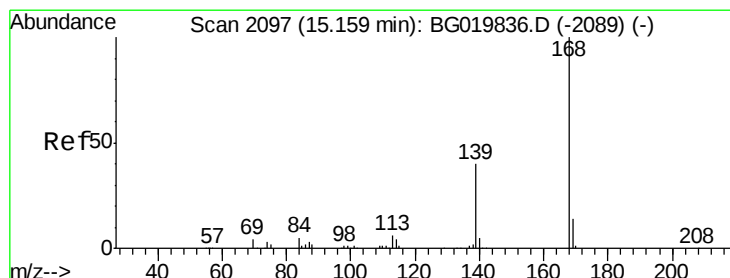
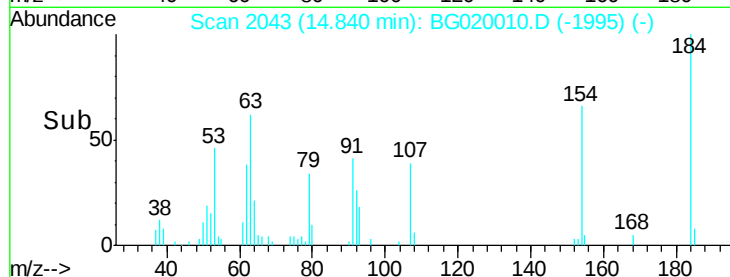
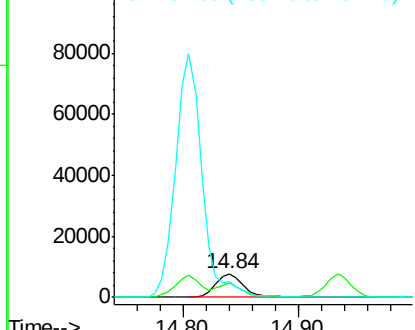
#53
 2,4-Dinitrophenol
 Concen: 32.52 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

Tgt Ion:184 Resp: 13451
 Ion Ratio Lower Upper
 184 100
 63 62.4 42.7 64.1
 154 65.5 44.3 66.5

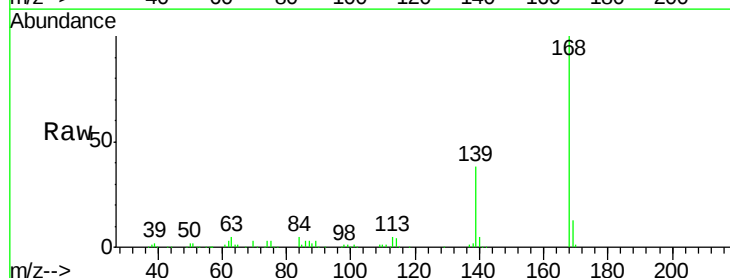


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

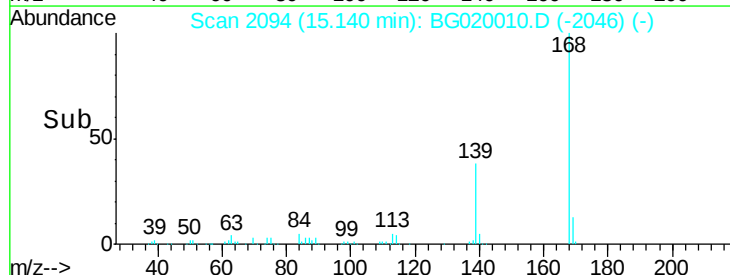
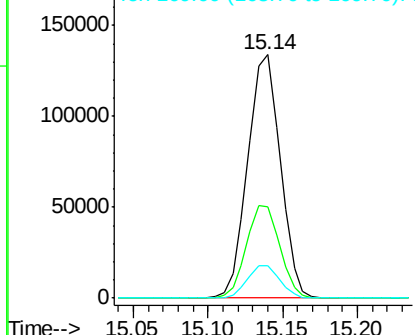


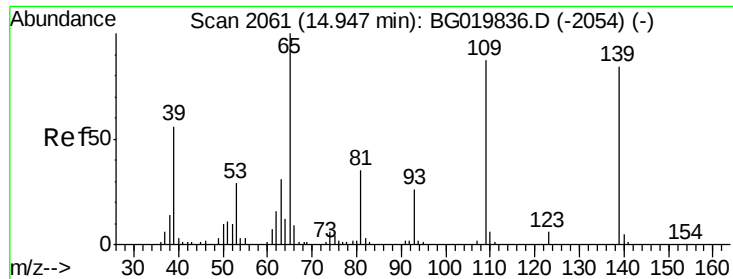
#54
 Dibenzofuran
 Concen: 36.55 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion:168 Resp: 202013
 Ion Ratio Lower Upper
 168 100
 139 37.7 27.4 41.0
 169 13.4 11.0 16.4



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 35.68 ng

RT: 14.93 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

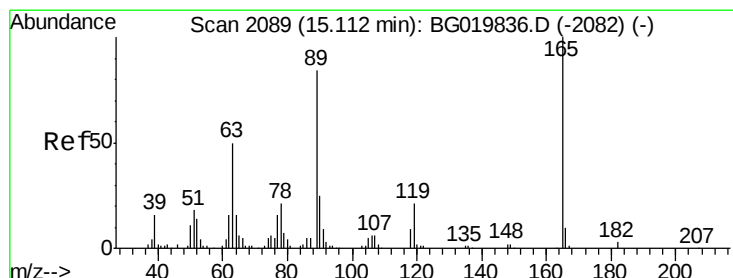
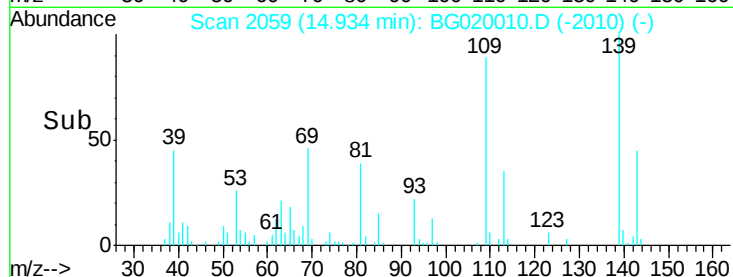
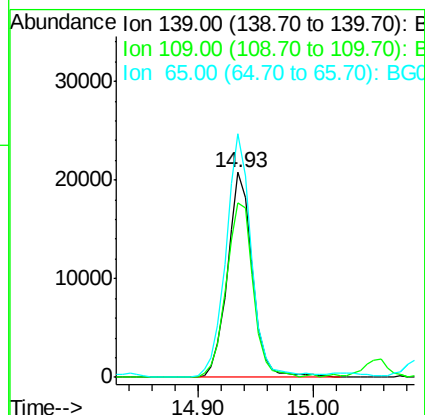
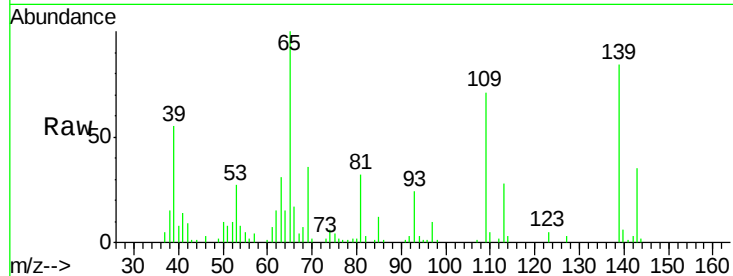
Tgt Ion:139 Resp: 31028

Ion Ratio Lower Upper

139 100

109 85.0 43.2 83.2#

65 118.9 67.8 107.8#



#56

2,4-Dinitrotoluene

Concen: 39.31 ng

RT: 15.09 min Scan# 2086

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Tgt Ion:165 Resp: 52719

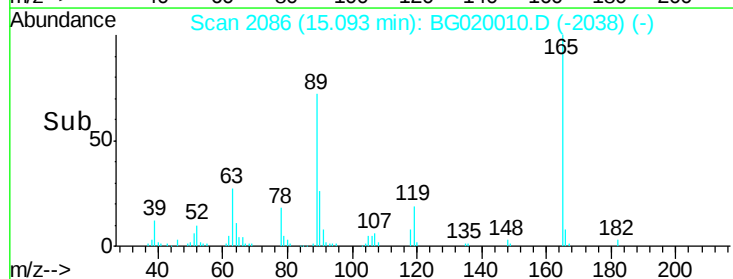
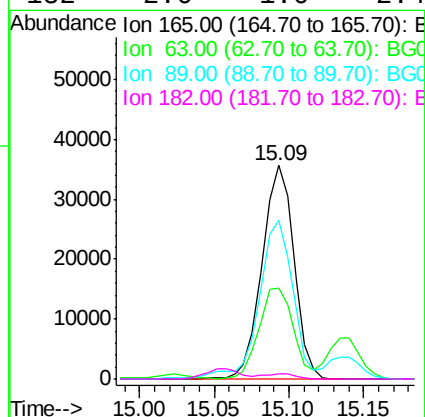
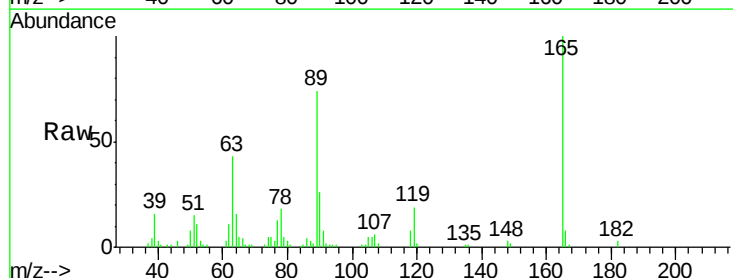
Ion Ratio Lower Upper

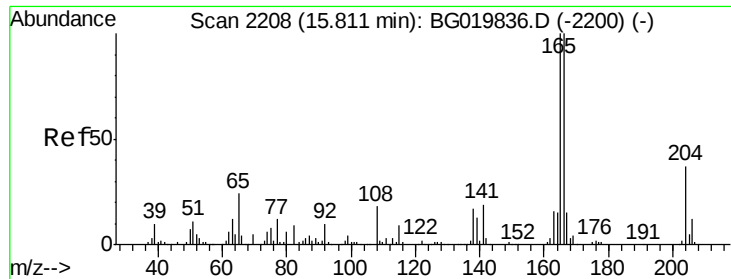
165 100

63 42.8 31.0 46.4

89 74.3 54.4 81.6

182 2.6 1.6 2.4#

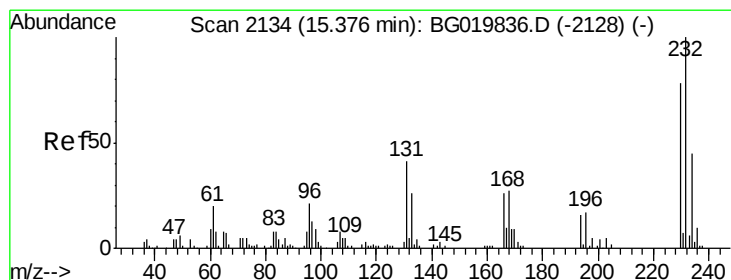
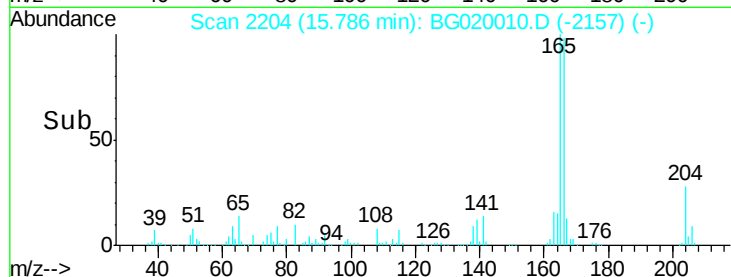
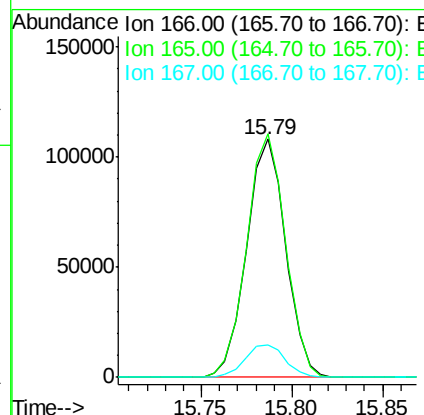
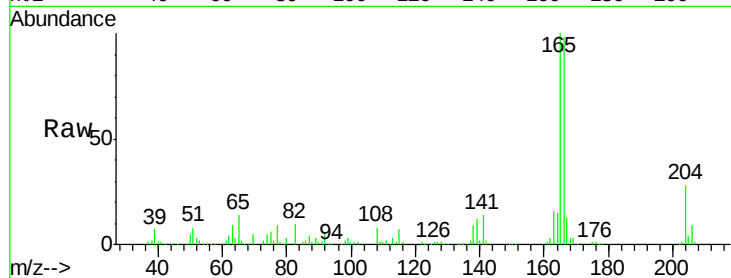




#57
Fluorene
 Concen: 32.64 ng
 RT: 15.79 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

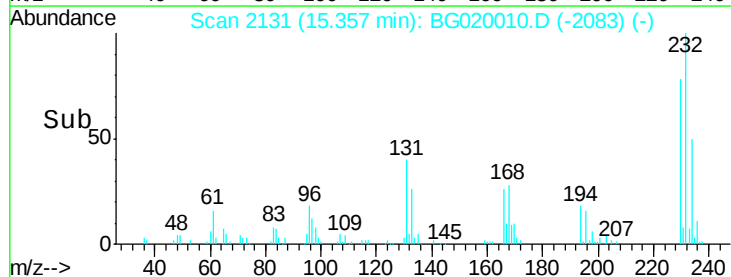
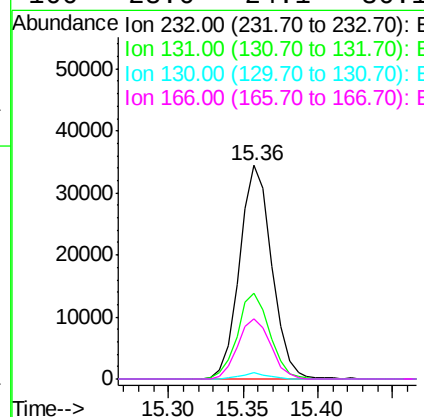
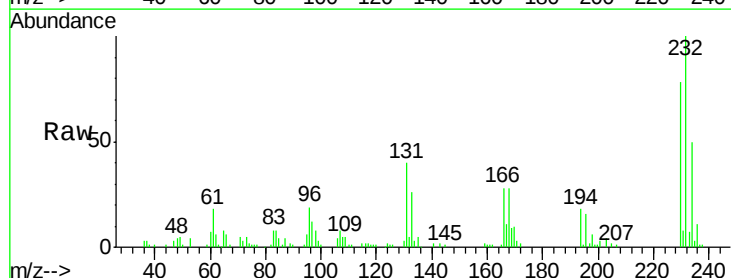
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

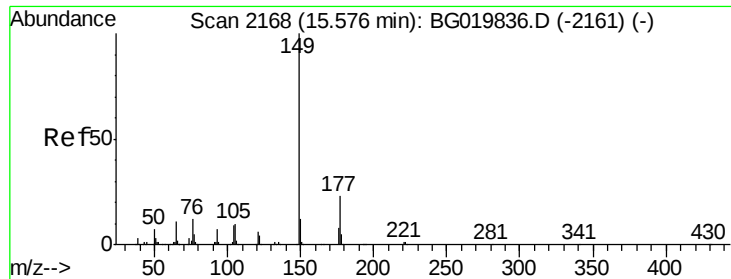
Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.3	80.0	120.0
167	13.5	11.1	16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 37.12 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.0	49.6
130	2.4	2.0	3.0
166	28.6	24.1	36.1

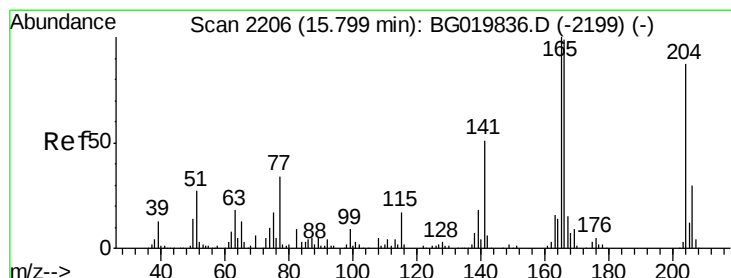
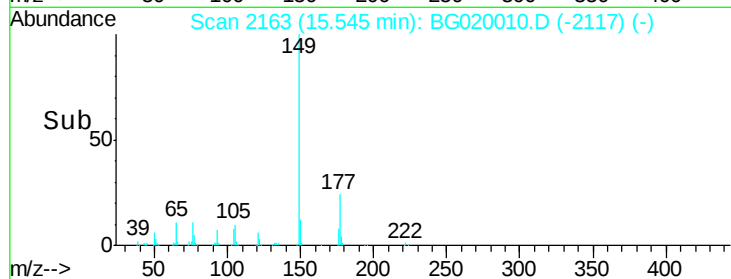
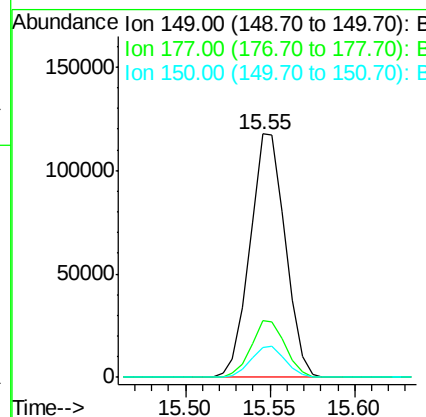
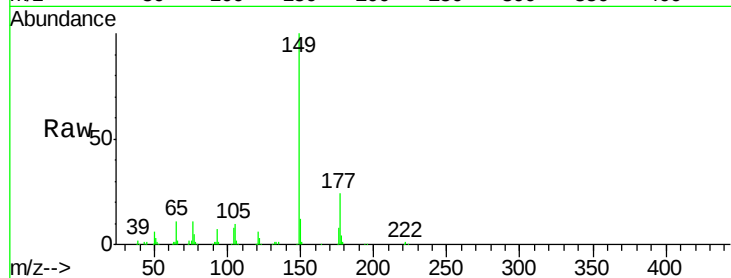




#59
Diethylphthalate
Concen: 30.80 ng
RT: 15.55 min Scan# 2163
Delta R.T. -0.03 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

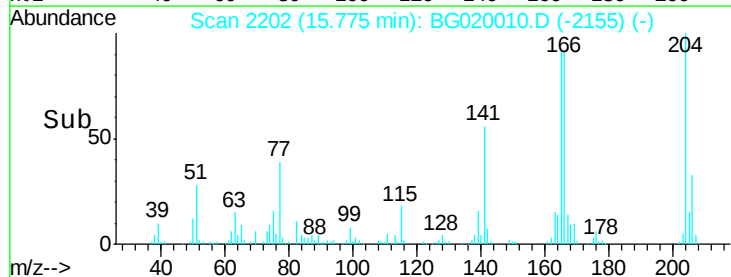
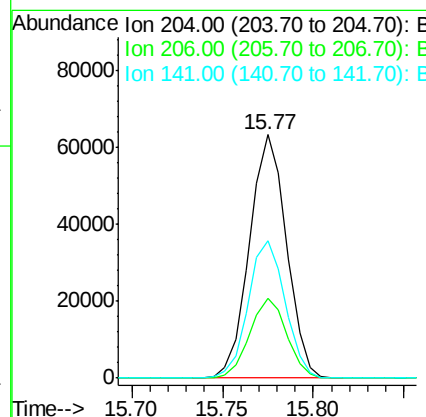
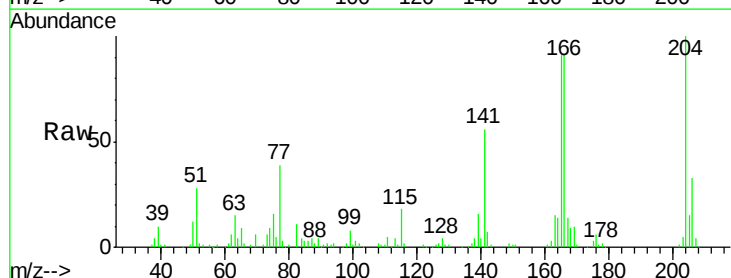
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

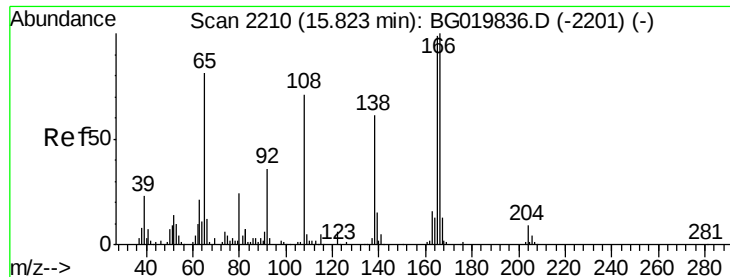
Tgt Ion:149 Resp: 170388
Ion Ratio Lower Upper
149 100
177 23.6 19.6 29.4
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 31.54 ng
RT: 15.77 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion:204 Resp: 89601
Ion Ratio Lower Upper
204 100
206 32.7 28.3 42.5
141 56.4 44.0 66.0

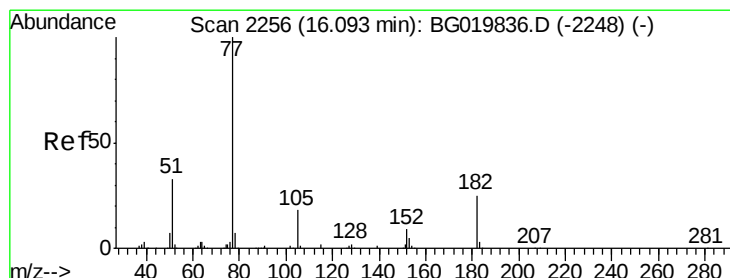
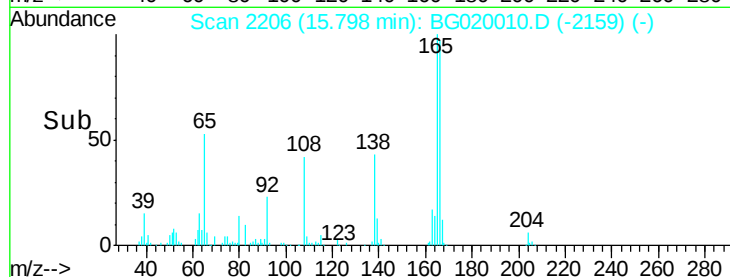
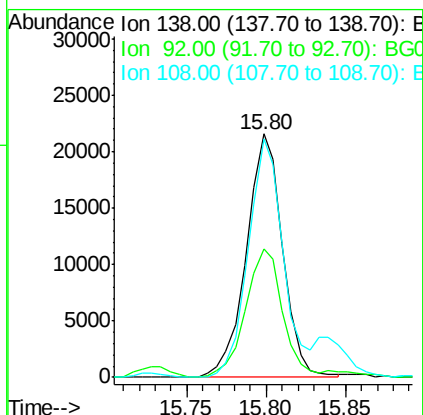
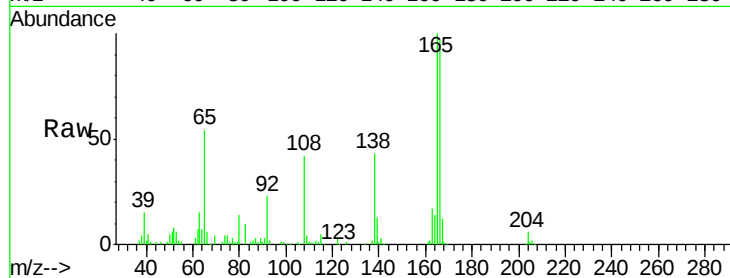




#61
4-Nitroaniline
Concen: 30.51 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

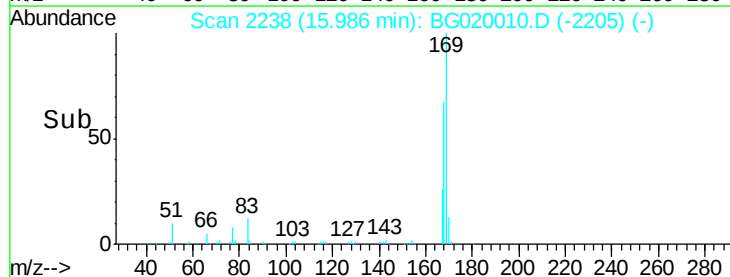
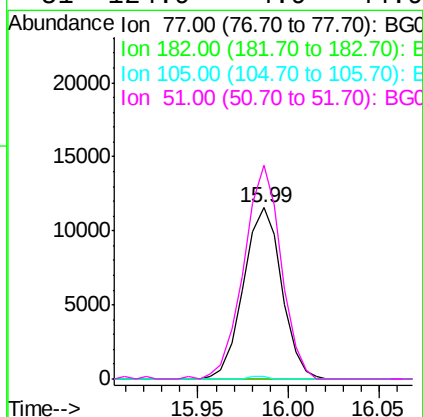
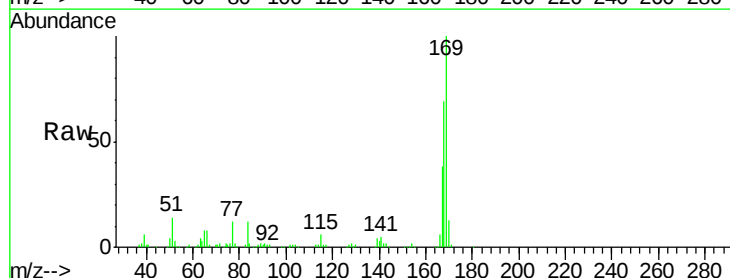
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

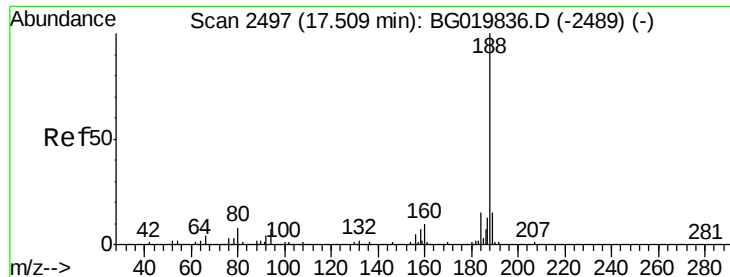
Tgt Ion: 138 Resp: 34263
Ion Ratio Lower Upper
138 100
92 52.8 29.1 69.1
108 98.0 49.8 89.8#



#62
Azobenzene
Concen: 3.66 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.11 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion: 77 Resp: 16855
Ion Ratio Lower Upper
77 100
182 0.0 7.0 47.0#
105 1.4 1.4 41.4#
51 124.9 4.9 44.9#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2510

Delta R.T. 0.08 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

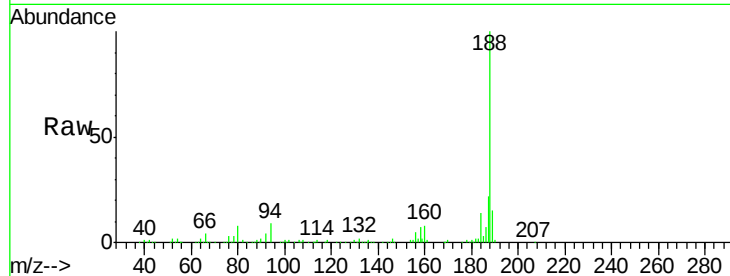
Tgt Ion:188 Resp: 235122

Ion Ratio Lower Upper

188 100

94 8.9 7.7 11.5

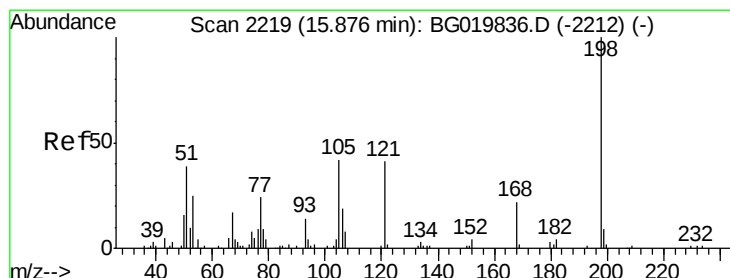
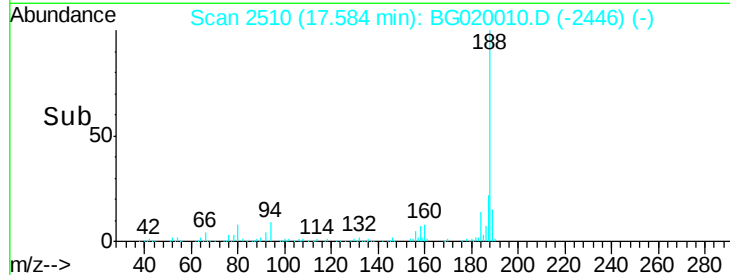
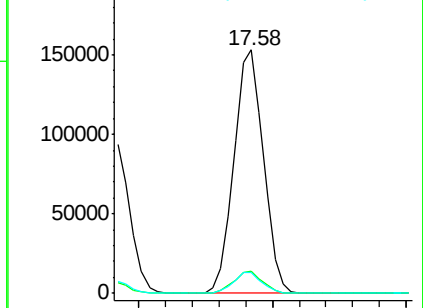
80 8.4 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#64

4,6-Dinitro-2-methylphenol

Concen: 25.07 ng

RT: 15.85 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

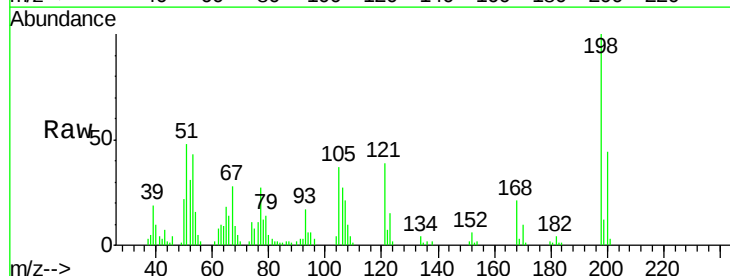
Tgt Ion:198 Resp: 28697

Ion Ratio Lower Upper

198 100

51 48.2 14.2 54.2

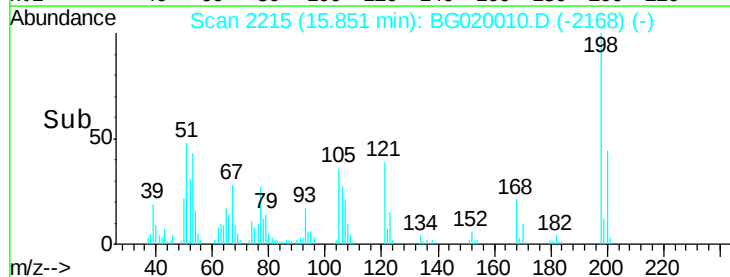
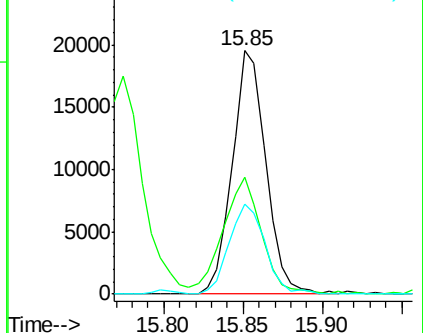
105 37.2 21.1 61.1

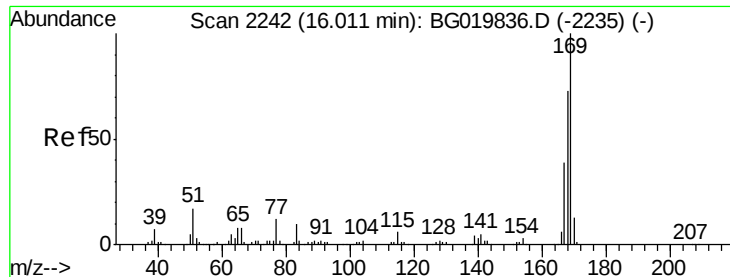


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E

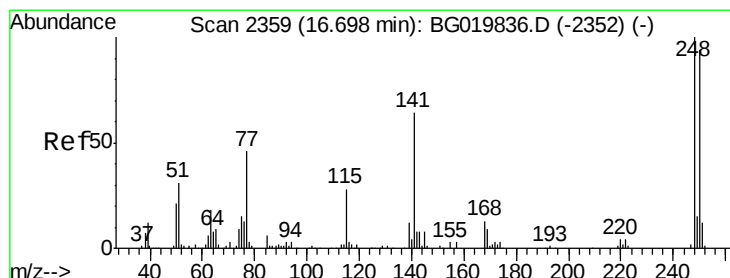
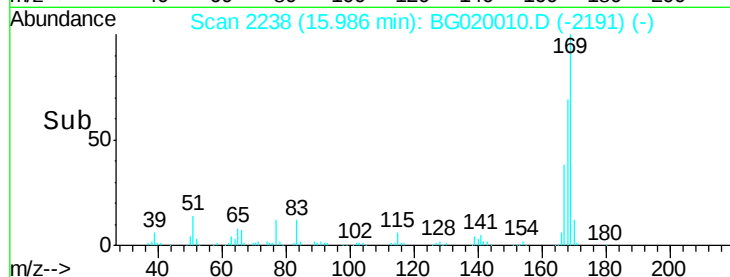
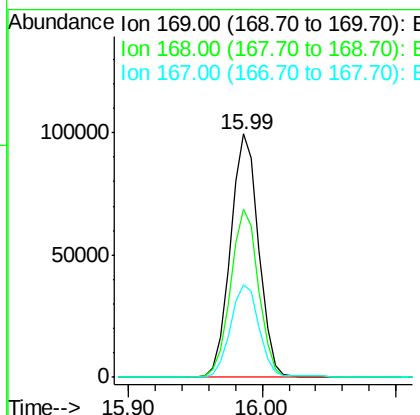
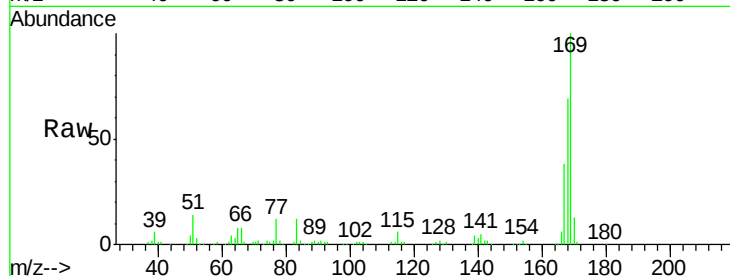




#65
 n-Nitrosodiphenylamine
 Concen: 21.42 ng
 RT: 15.99 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

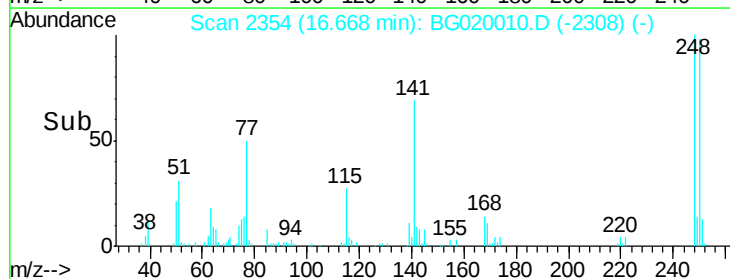
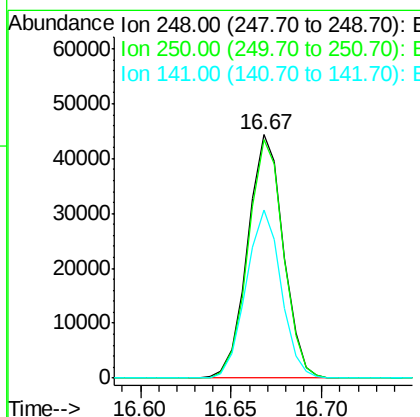
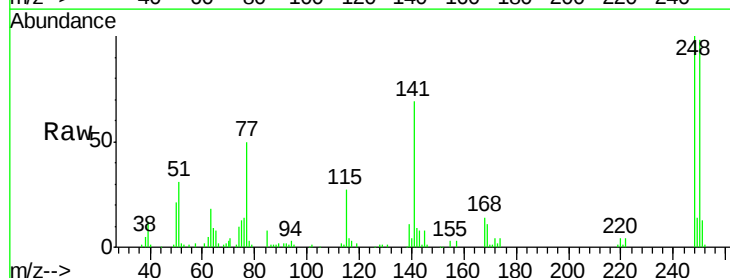
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

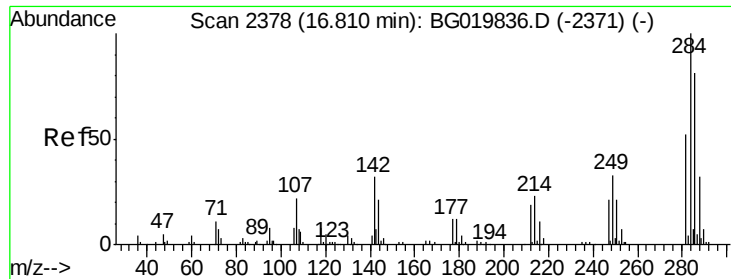
Tgt Ion:169 Resp: 145758
 Ion Ratio Lower Upper
 169 100
 168 68.8 58.2 87.2
 167 38.3 32.7 49.1



#66
 4-Bromophenyl-phenylether
 Concen: 20.69 ng
 RT: 16.67 min Scan# 2354
 Delta R.T. -0.03 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion:248 Resp: 60439
 Ion Ratio Lower Upper
 248 100
 250 97.8 77.8 116.8
 141 68.8 50.4 75.6





#67

Hexachlorobenzene

Concen: 21.18 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

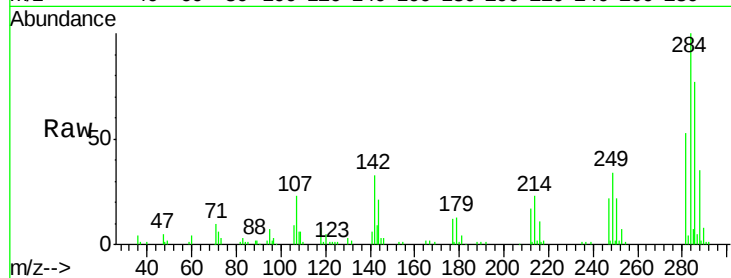
Tgt Ion:284 Resp: 64461

Ion Ratio Lower Upper

284 100

142 32.5 26.6 39.8

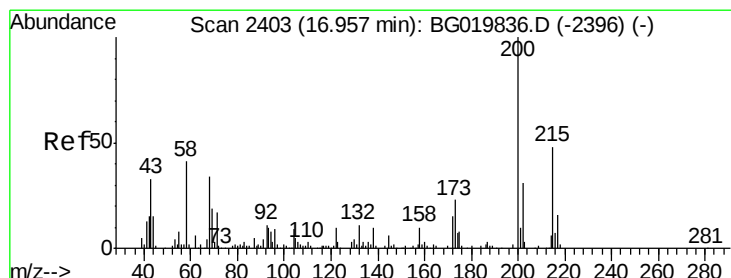
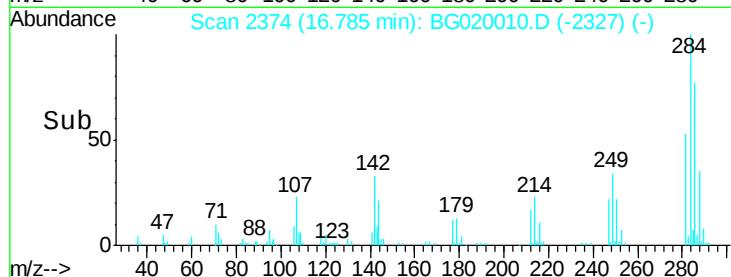
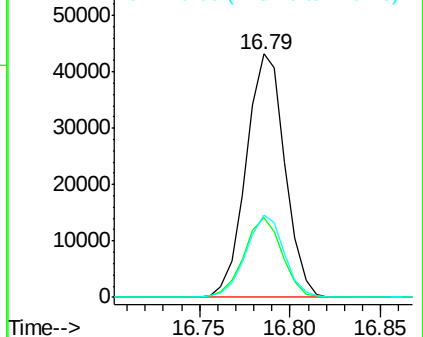
249 36.0 26.2 39.2



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



#68

Atrazine

Concen: 21.32 ng

RT: 16.93 min Scan# 2399

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

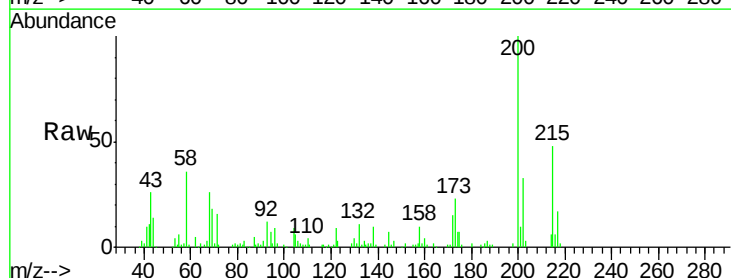
Tgt Ion:200 Resp: 63013

Ion Ratio Lower Upper

200 100

173 22.9 5.2 45.2

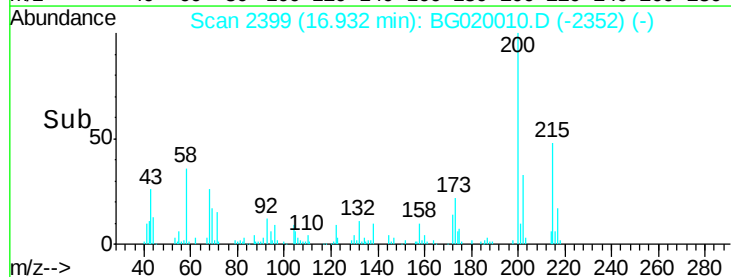
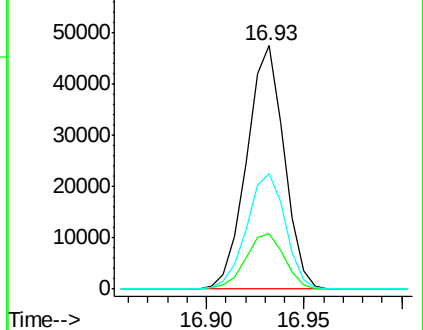
215 47.6 27.0 67.0

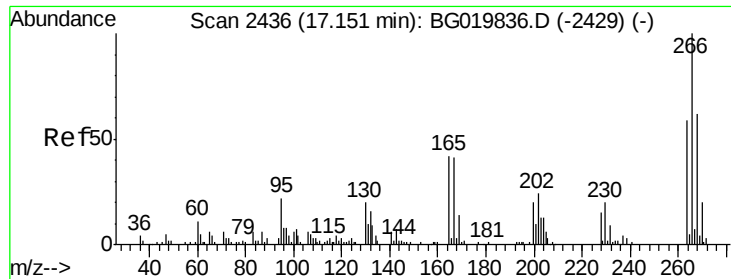


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

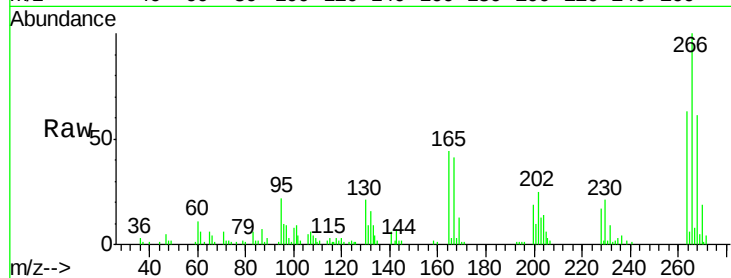




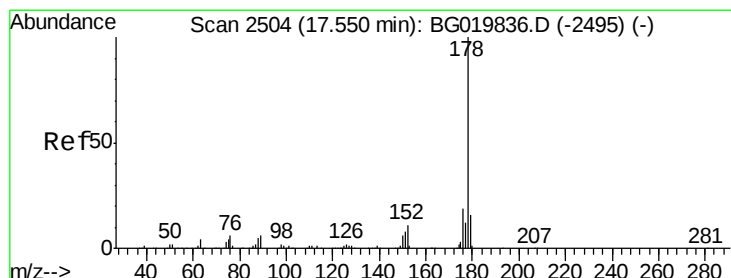
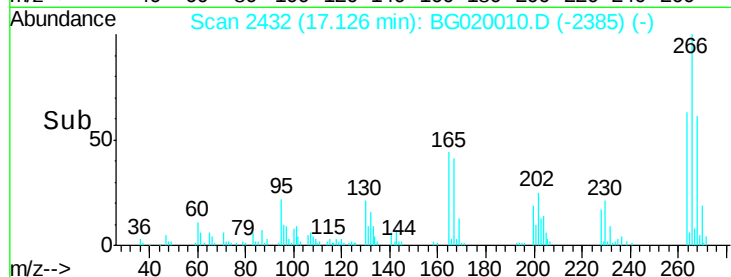
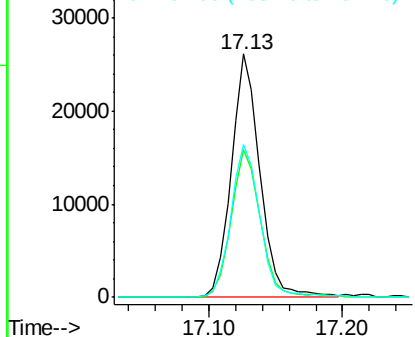
#69
 Pentachlorophenol
 Concen: 22.04 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

Tgt Ion	Ratio	Lower	Upper
266	100		
268	60.6	47.6	71.4
264	62.8	48.1	72.1

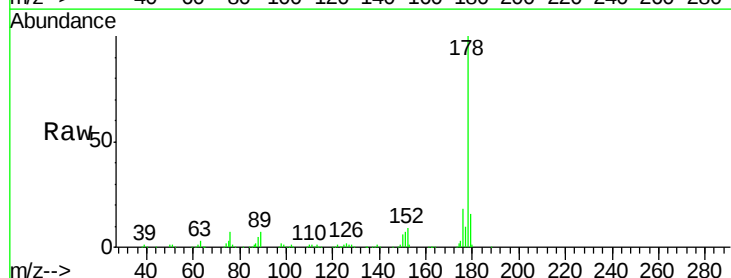


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

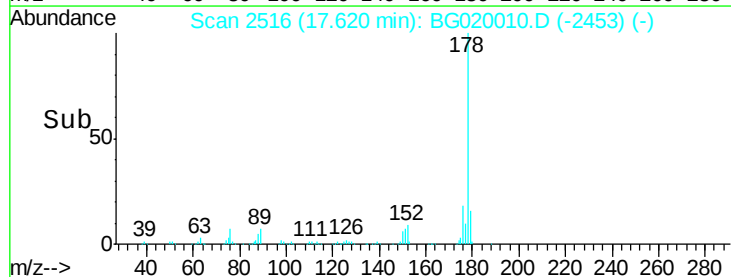
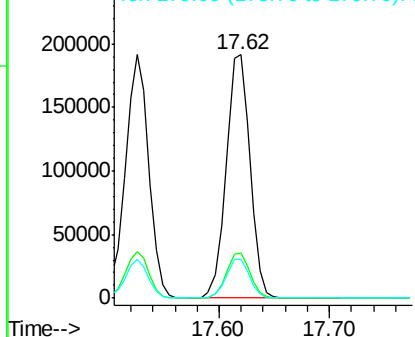


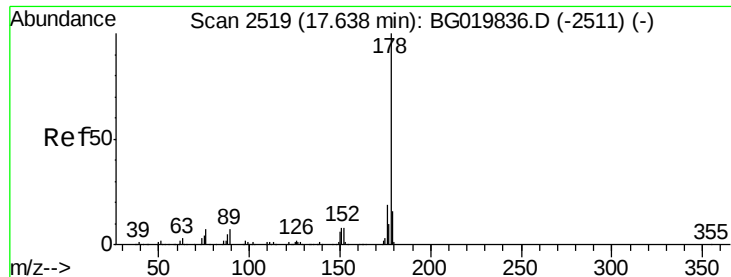
#70
 Phenanthrene
 Concen: 21.74 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. 0.07 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.7	25.1
179	15.9	13.9	20.9



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

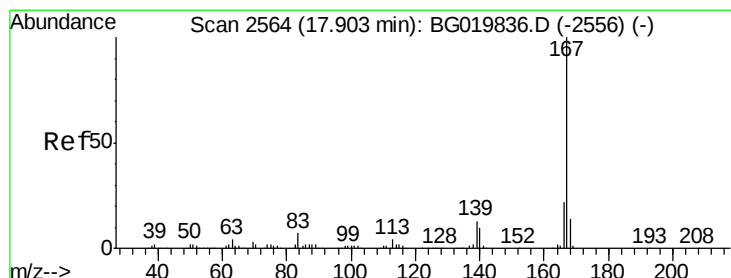
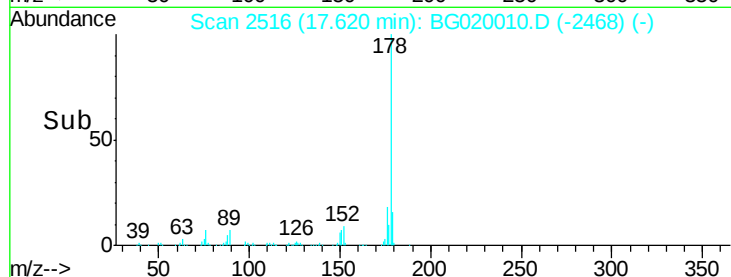
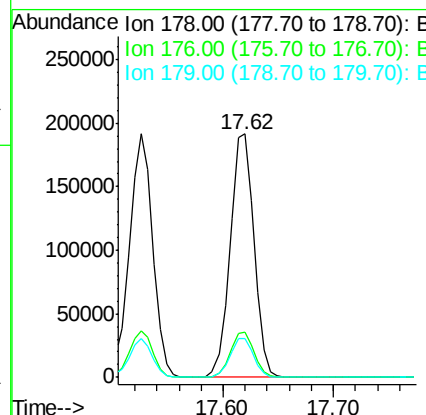
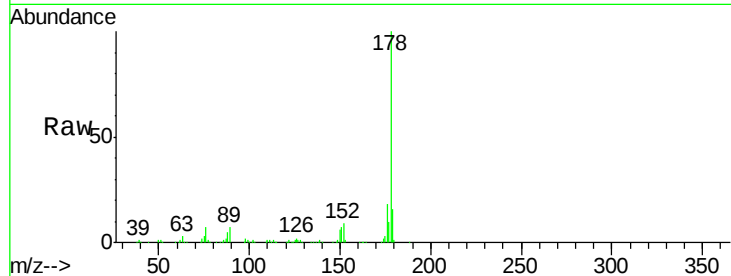




#71
 Anthracene
 Concen: 21.35 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

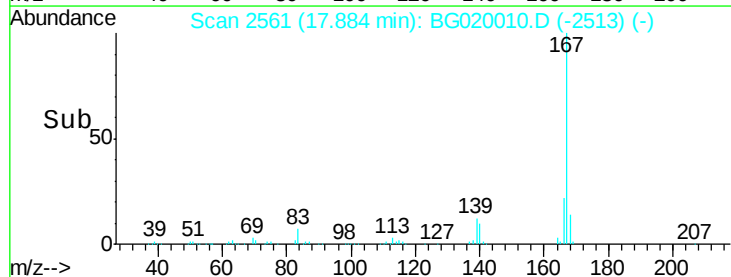
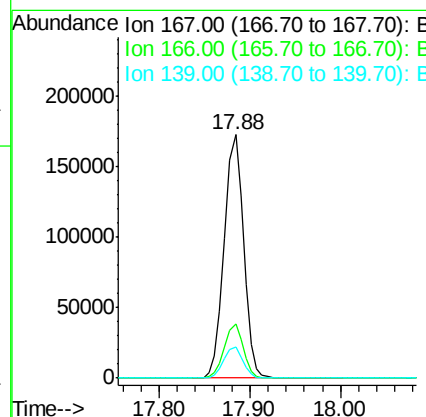
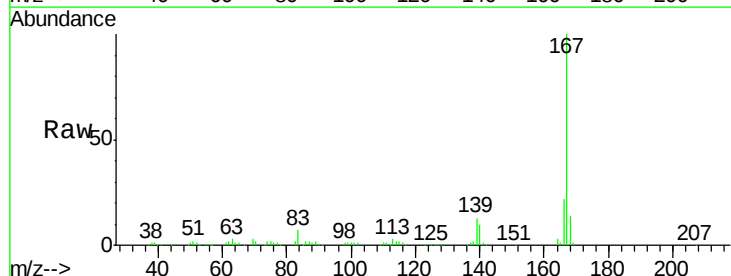
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

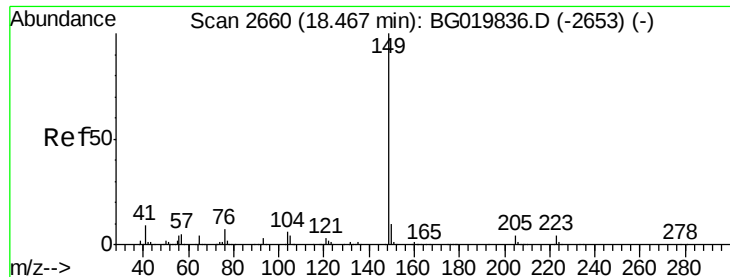
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.8	25.2
179	15.9	13.9	20.9



#72
 Carbazole
 Concen: 21.52 ng
 RT: 17.88 min Scan# 2561
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.2	19.0	28.6
139	12.8	10.2	15.4

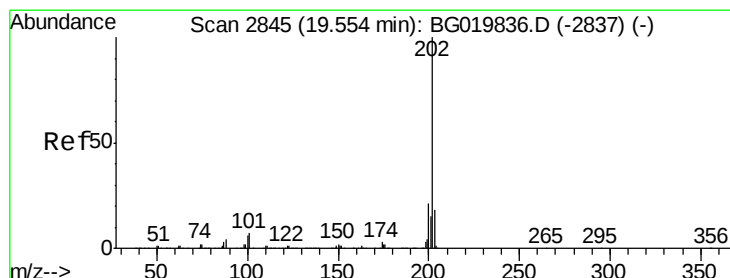
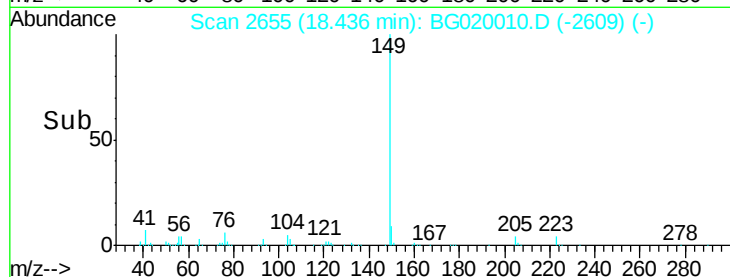
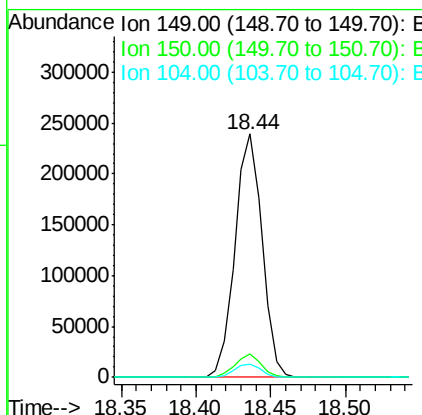
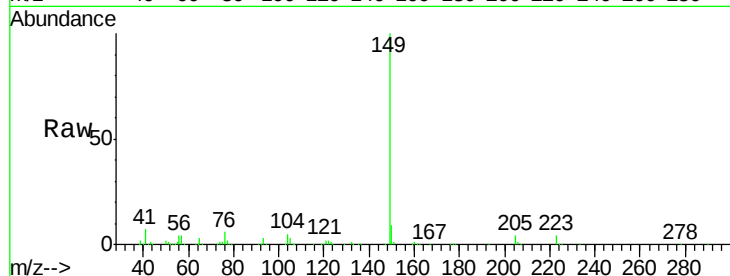




#73
Di-n-butylphthalate
Concen: 20.75 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

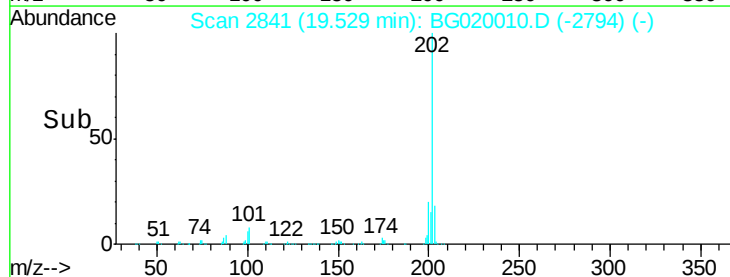
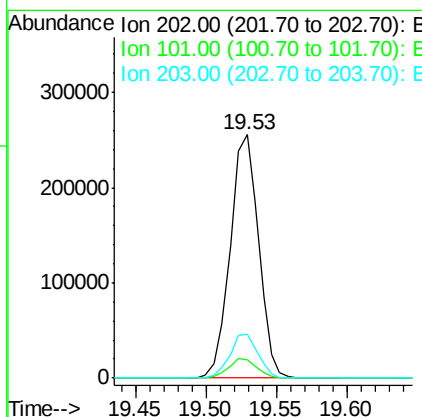
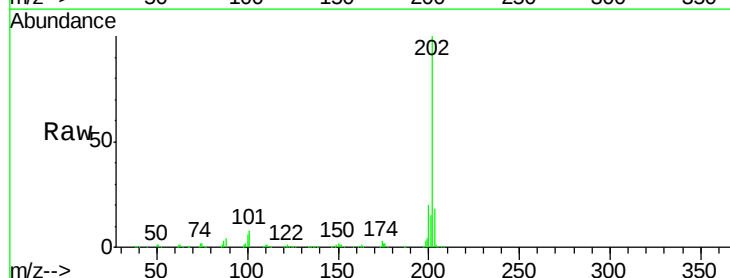
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

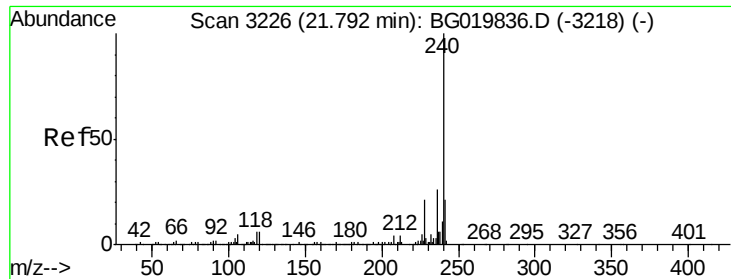
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.4
104	5.4	4.4	6.6



#74
Fluoranthene
Concen: 20.98 ng
RT: 19.53 min Scan# 2841
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	32.4
203	18.3	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.04 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

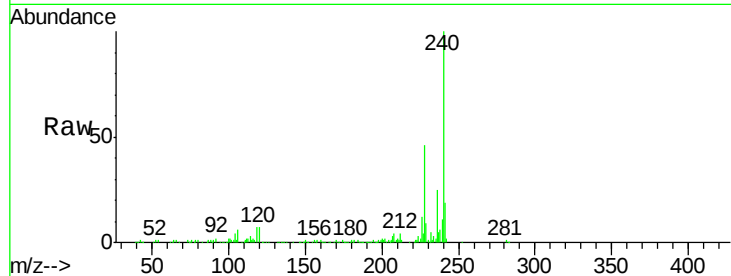
Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

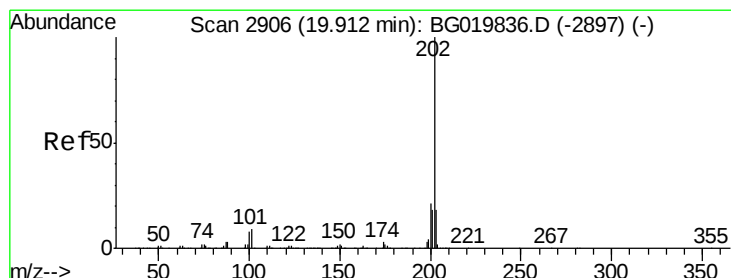
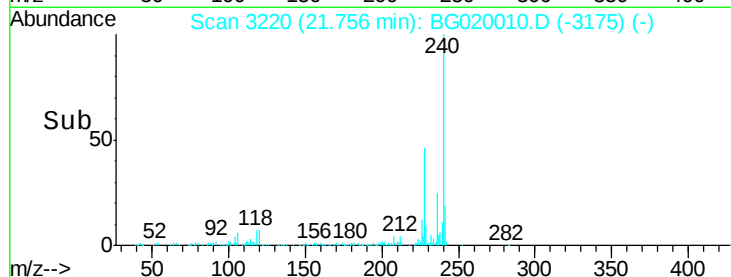
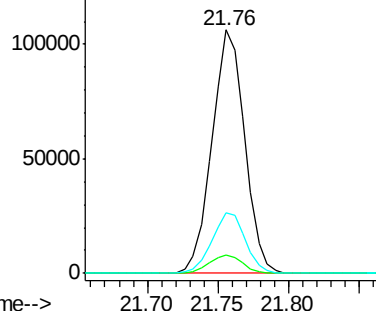
Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.4	7.4	11.0#
236	24.9	20.7	31.1



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

Pyrene

Concen: 35.78 ng

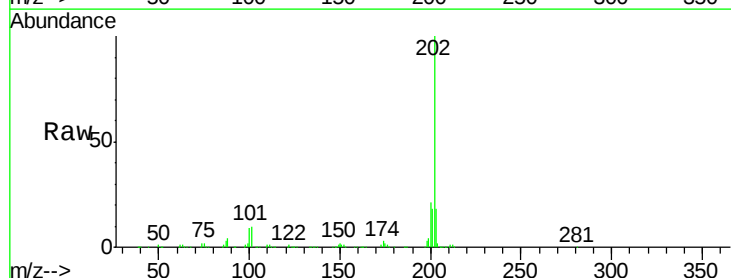
RT: 19.89 min Scan# 2902

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

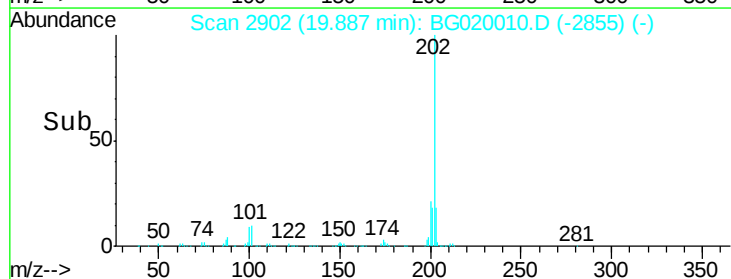
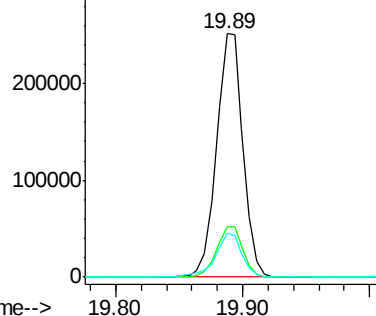
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	19.4	29.0
203	18.3	15.5	23.3

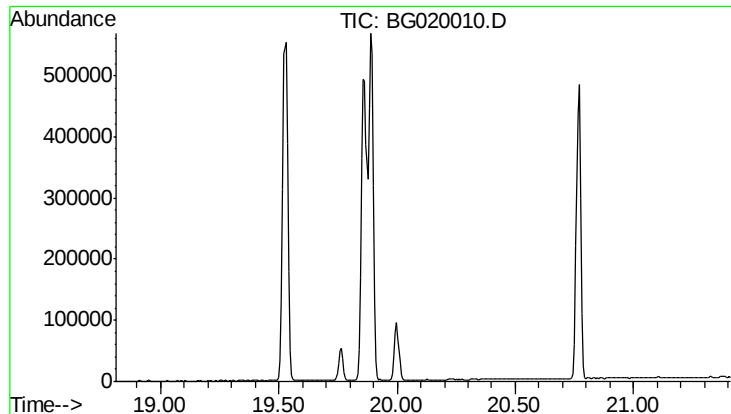


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 0.00 ng

Expected RT: 20.11 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

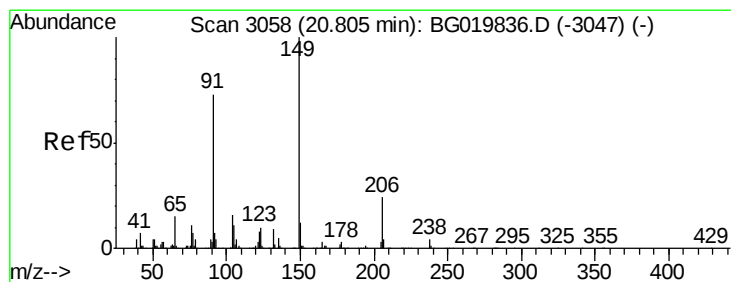
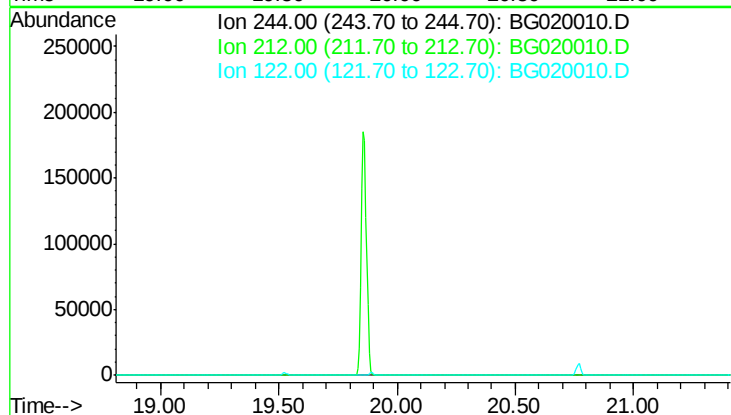
Tgt Ion: 244

Sig Exp Ratio

244 100

212 8.6

122 12.7



#79

Butylbenzylphthalate

Concen: 35.44 ng

RT: 20.77 min Scan# 3052

Delta R.T. -0.04 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

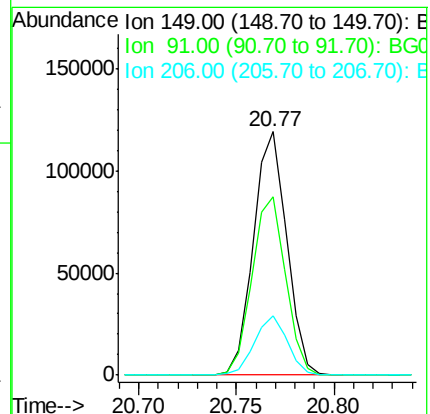
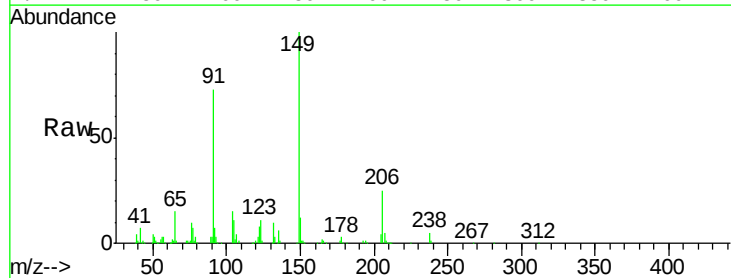
Tgt Ion:149 Resp: 140763

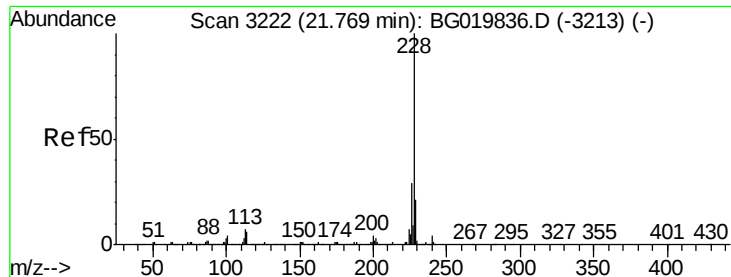
Ion Ratio Lower Upper

149 100

91 73.0 58.1 87.1

206 24.6 17.8 26.8





#80

Benzo(a)anthracene

Concen: 35.64 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.03 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

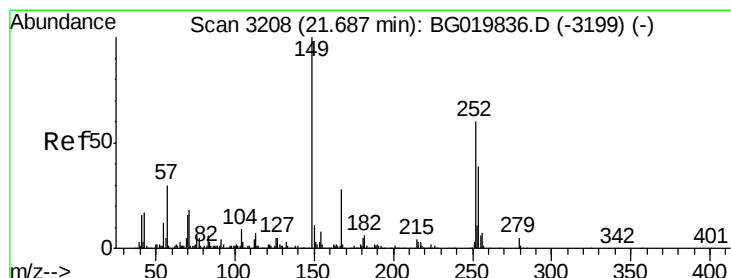
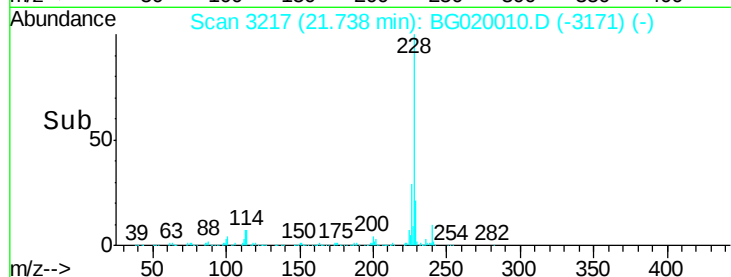
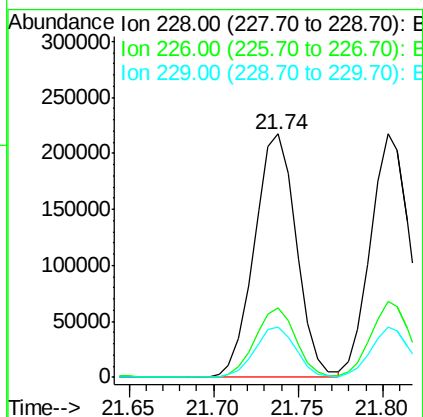
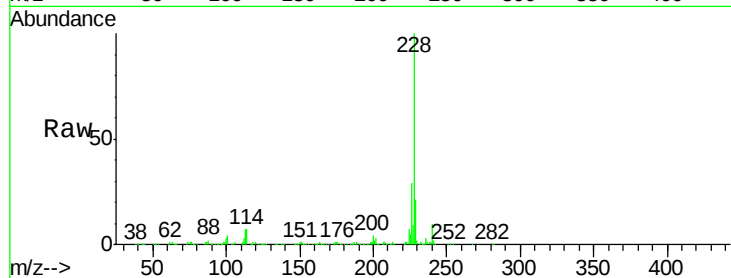
Tgt Ion:228 Resp: 375771

Ion Ratio Lower Upper

228 100

226 28.6 23.4 35.0

229 20.6 16.6 25.0



#81

3,3'-Dichlorobenzidine

Concen: 28.61 ng

RT: 21.65 min Scan# 3202

Delta R.T. -0.04 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

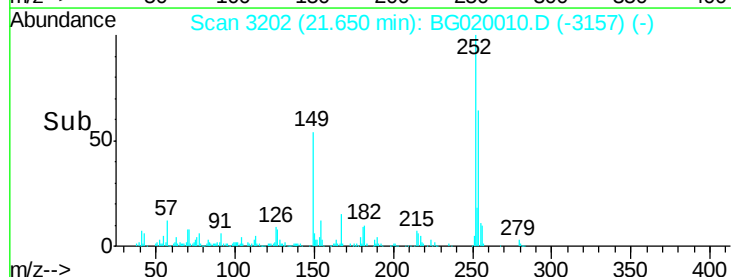
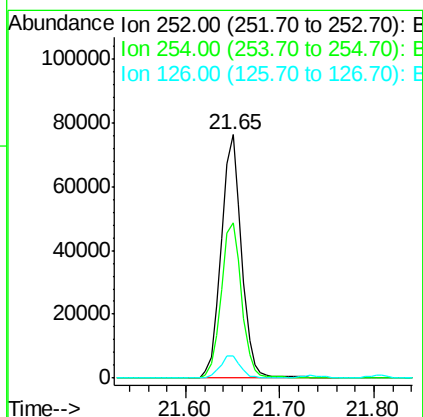
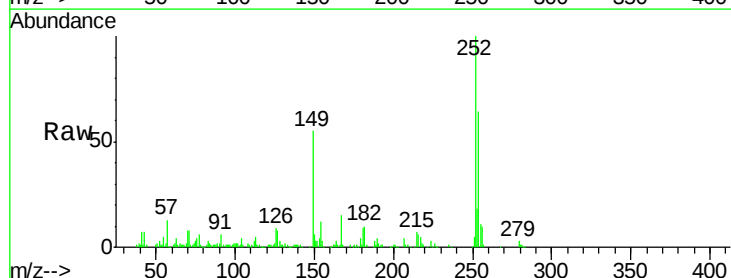
Tgt Ion:252 Resp: 114865

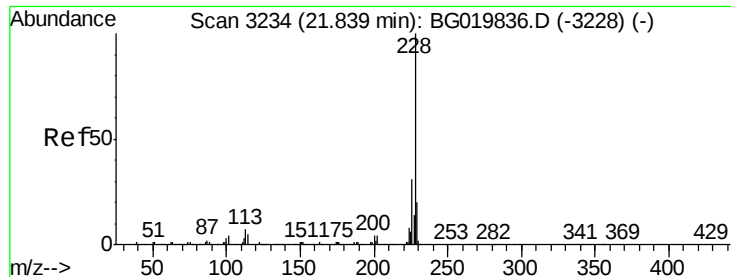
Ion Ratio Lower Upper

252 100

254 63.8 52.5 78.7

126 9.3 8.5 12.7





#82

Chrysene

Concen: 34.97 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.04 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

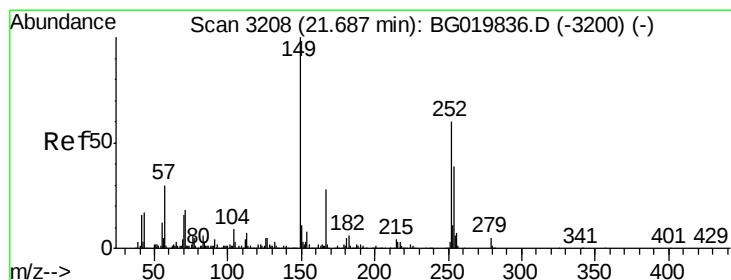
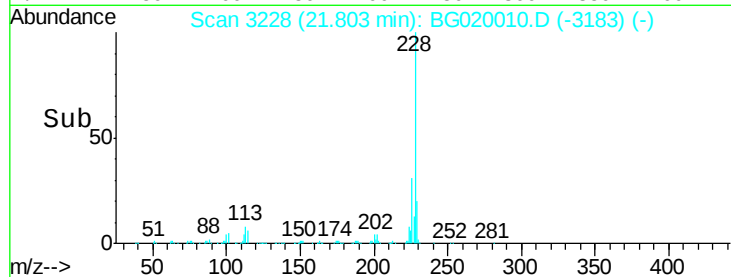
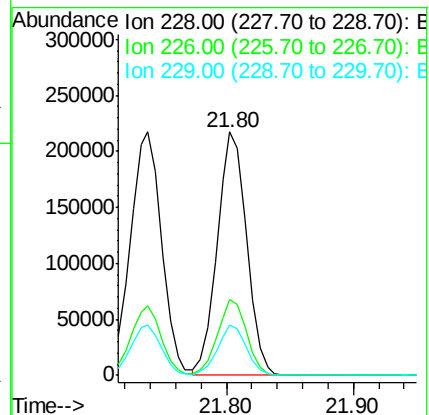
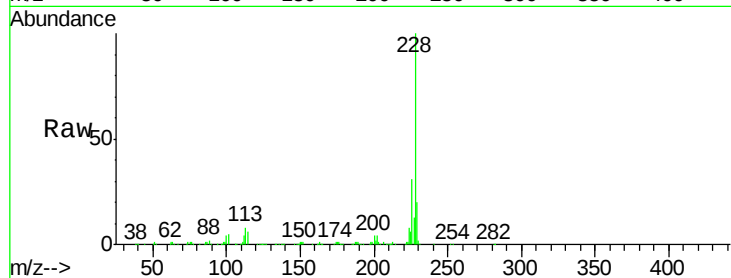
Tgt Ion:228 Resp: 350025

Ion Ratio Lower Upper

228 100

226 31.2 26.7 40.1

229 20.4 17.0 25.6



#83

Bis(2-ethylhexyl)phthalate

Concen: 35.22 ng

RT: 21.64 min Scan# 3200

Delta R.T. -0.05 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

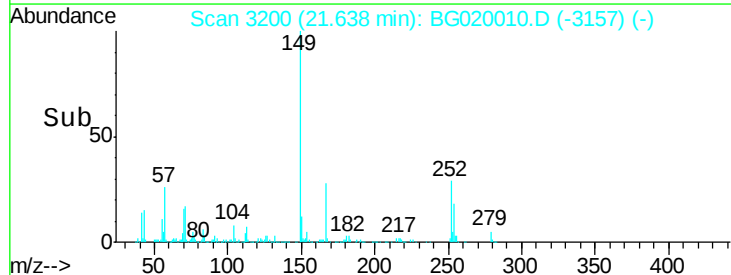
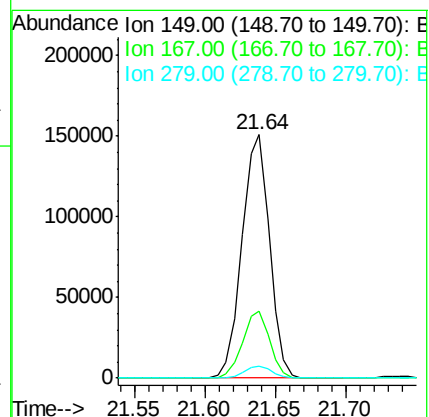
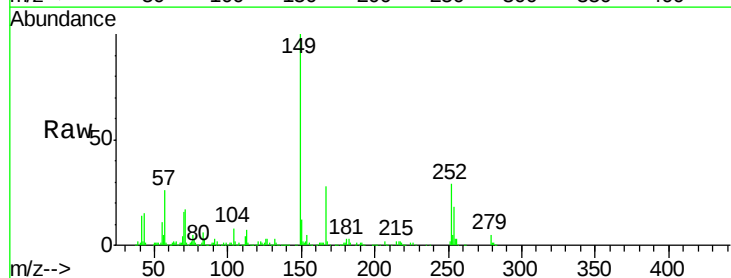
Tgt Ion:149 Resp: 205273

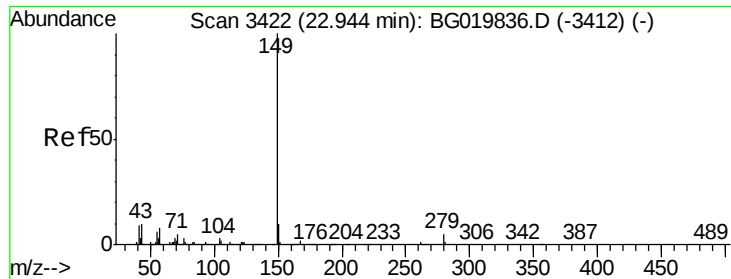
Ion Ratio Lower Upper

149 100

167 27.7 23.8 35.8

279 4.7 3.4 5.2





#84

Di-n-octyl phthalate

Concen: 37.11 ng

RT: 22.87 min Scan# 3410

Delta R.T. -0.07 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

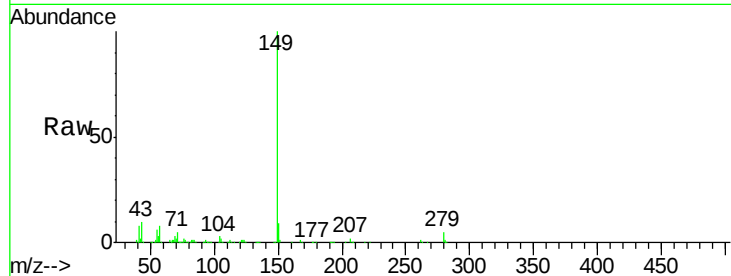
Tgt Ion:149 Resp: 351687

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

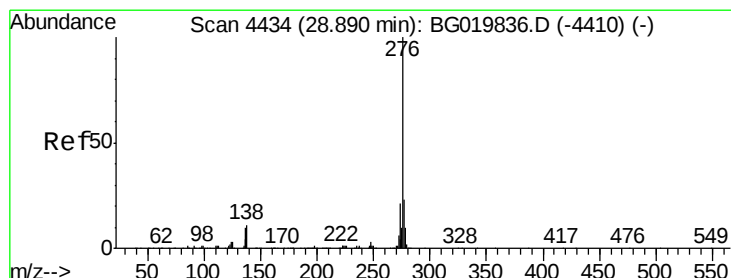
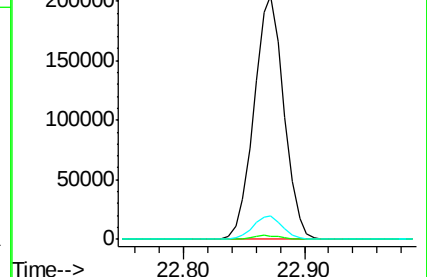
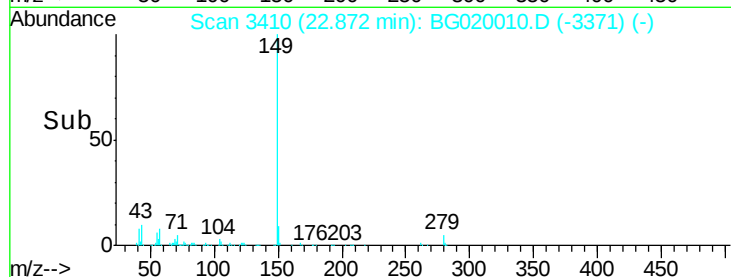
43 9.5 5.9 8.9#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 36.45 ng

RT: 28.78 min Scan# 4415

Delta R.T. -0.11 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

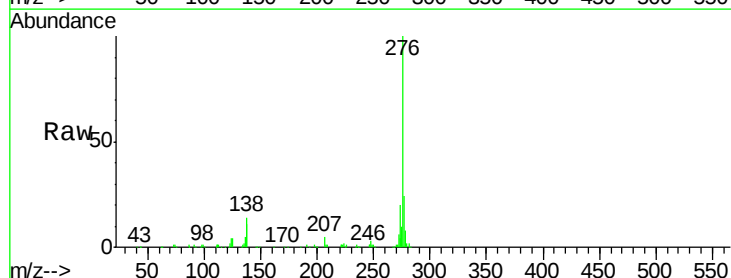
Tgt Ion:276 Resp: 401921

Ion Ratio Lower Upper

276 100

138 18.1 0.0 0.0#

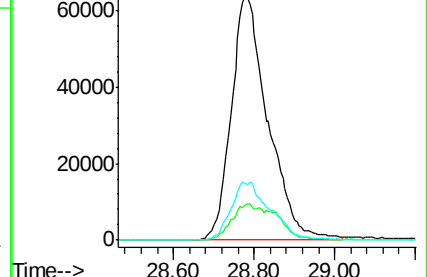
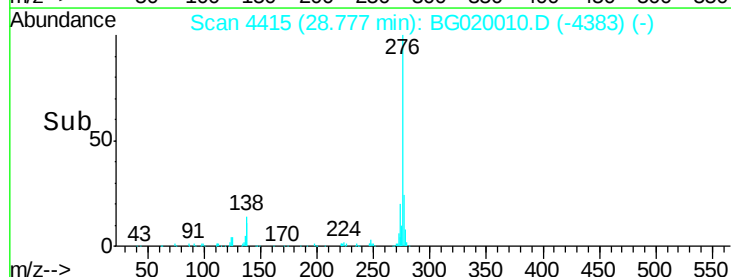
277 25.5 0.0 0.0#

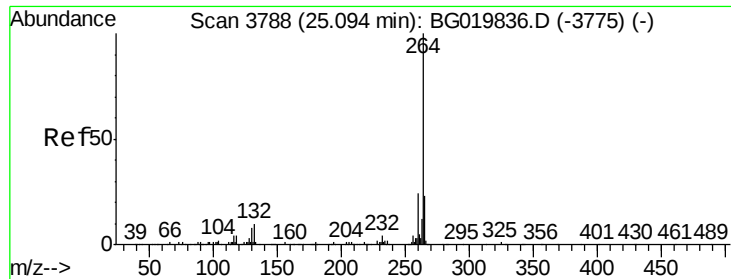


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

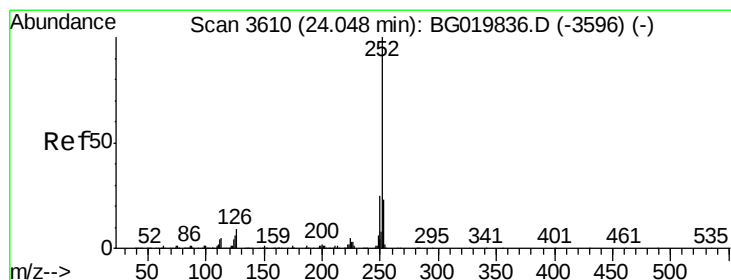
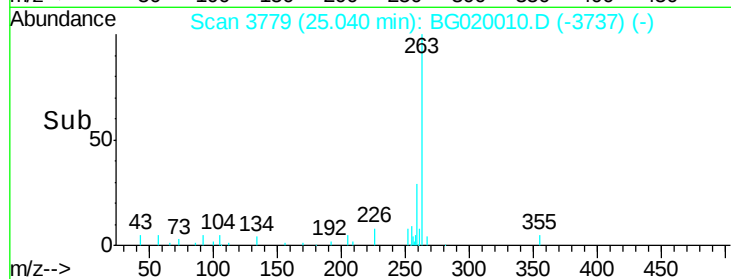
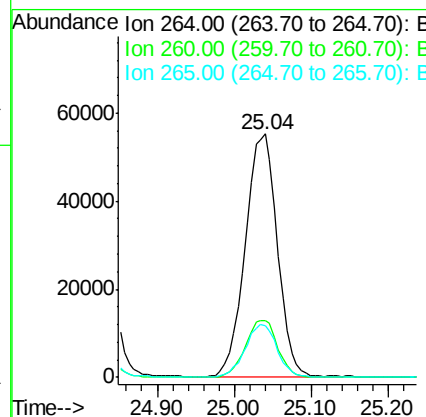
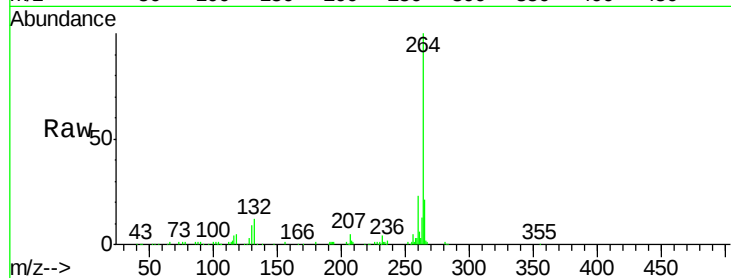




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

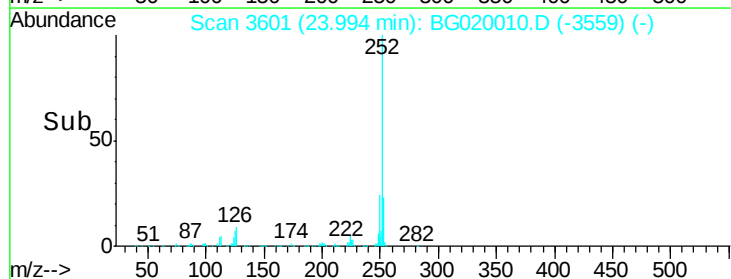
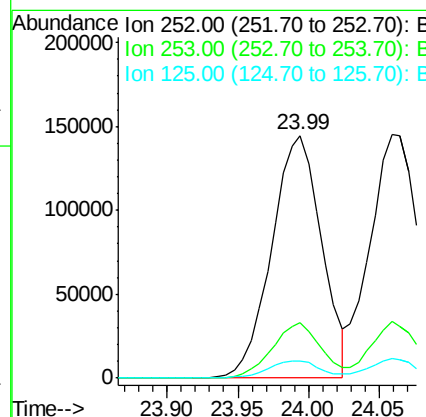
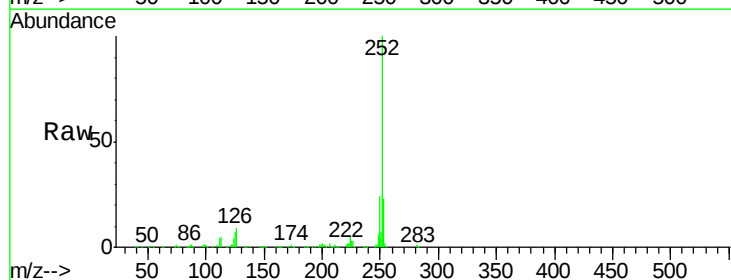
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

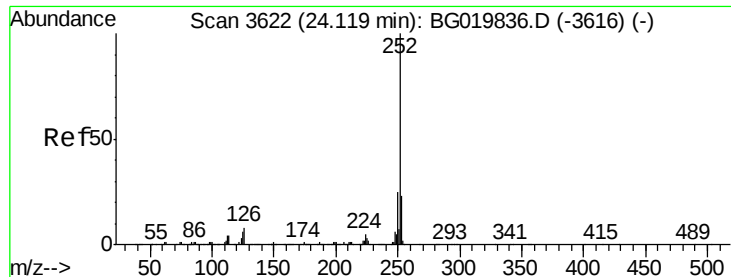
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.3	17.2	25.8



#87
Benzo(b)fluoranthene
Concen: 34.64 ng
RT: 23.99 min Scan# 3601
Delta R.T. -0.05 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.1	28.7
125	6.9	8.9	13.3

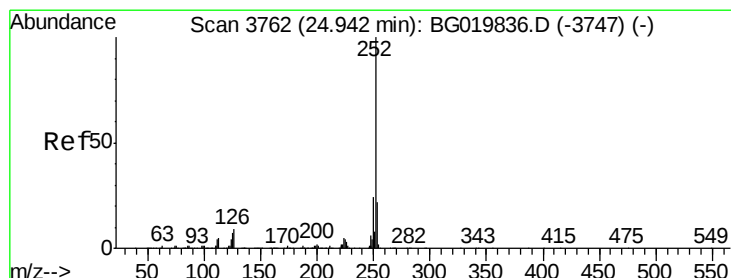
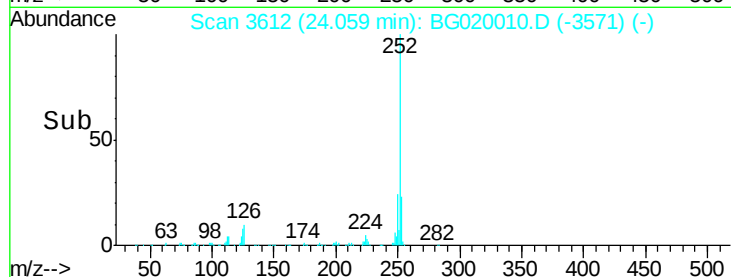
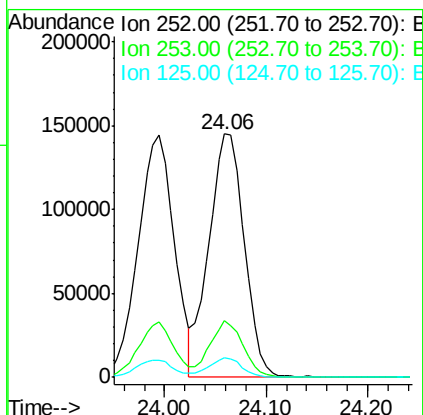
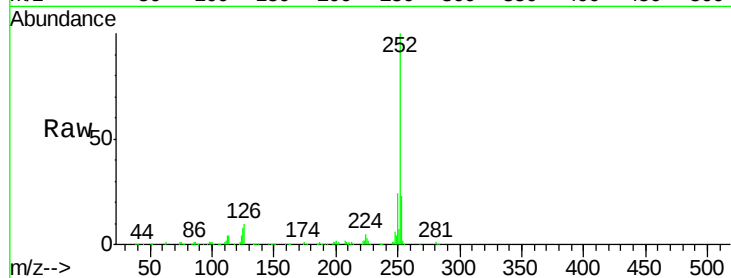




#88
Benzo(k)fluoranthene
Concen: 34.29 ng
RT: 24.06 min Scan# 3612
Delta R.T. -0.06 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

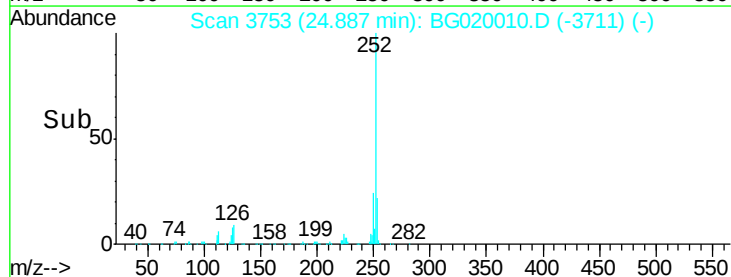
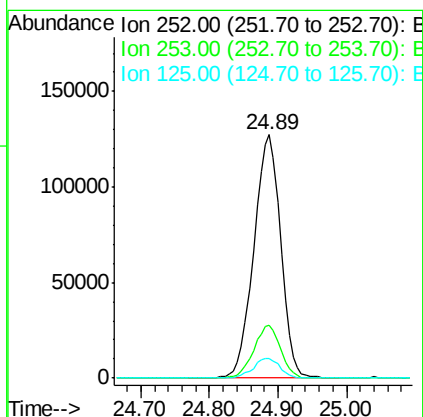
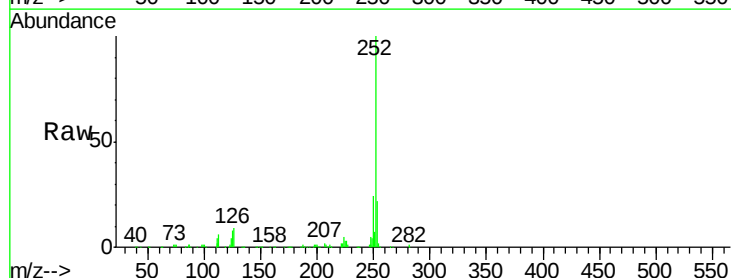
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

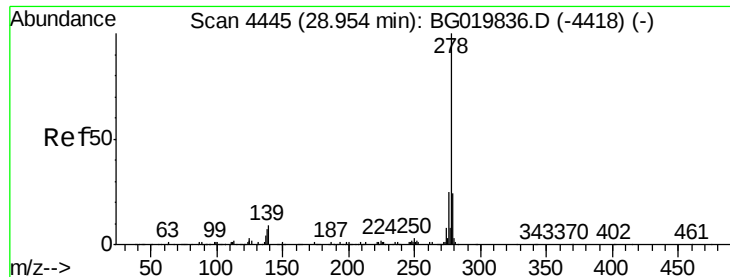
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.0	28.4
125	8.0	8.9	13.3#



#89
Benzo(a)pyrene
Concen: 35.57 ng
RT: 24.89 min Scan# 3753
Delta R.T. -0.05 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.7	28.1
125	8.1	9.1	13.7#





#90

Dibenzo(a,h)anthracene

Concen: 34.21 ng

RT: 28.85 min Scan# 4427

Delta R.T. -0.11 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

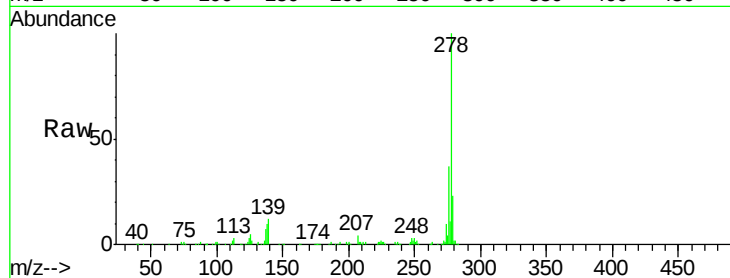
Tgt Ion:278 Resp: 330120

Ion Ratio Lower Upper

278 100

139 11.9 13.8 20.6#

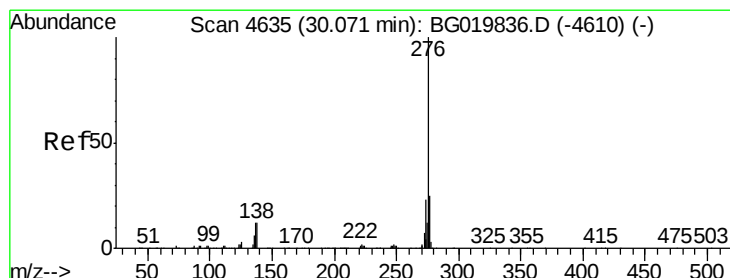
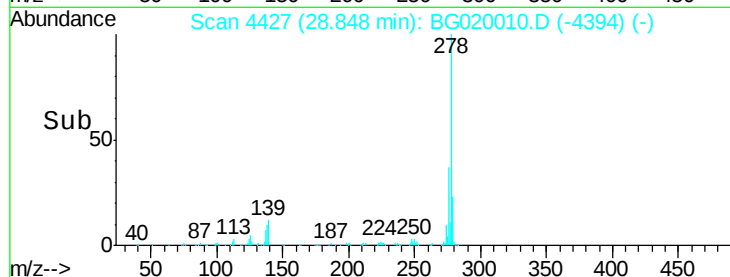
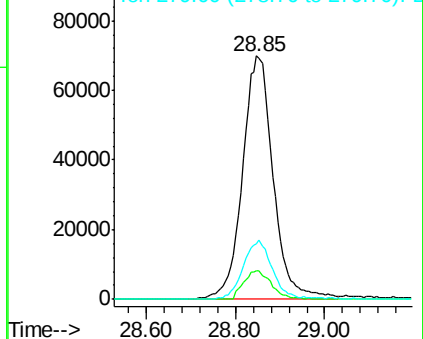
279 23.0 19.4 29.0



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



#91

Benzo(g,h,i)perylene

Concen: 34.11 ng

RT: 29.96 min Scan# 4616

Delta R.T. -0.11 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

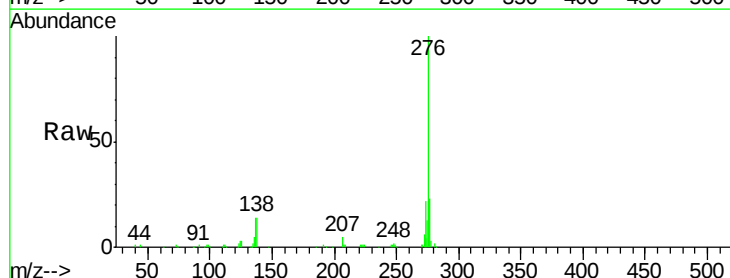
Tgt Ion:276 Resp: 323219

Ion Ratio Lower Upper

276 100

277 23.5 18.4 27.6

138 14.1 17.4 26.0#



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

