

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 07:13:08 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	17.48	188	140381m	20.00	ng	-0.02
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
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
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
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
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

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

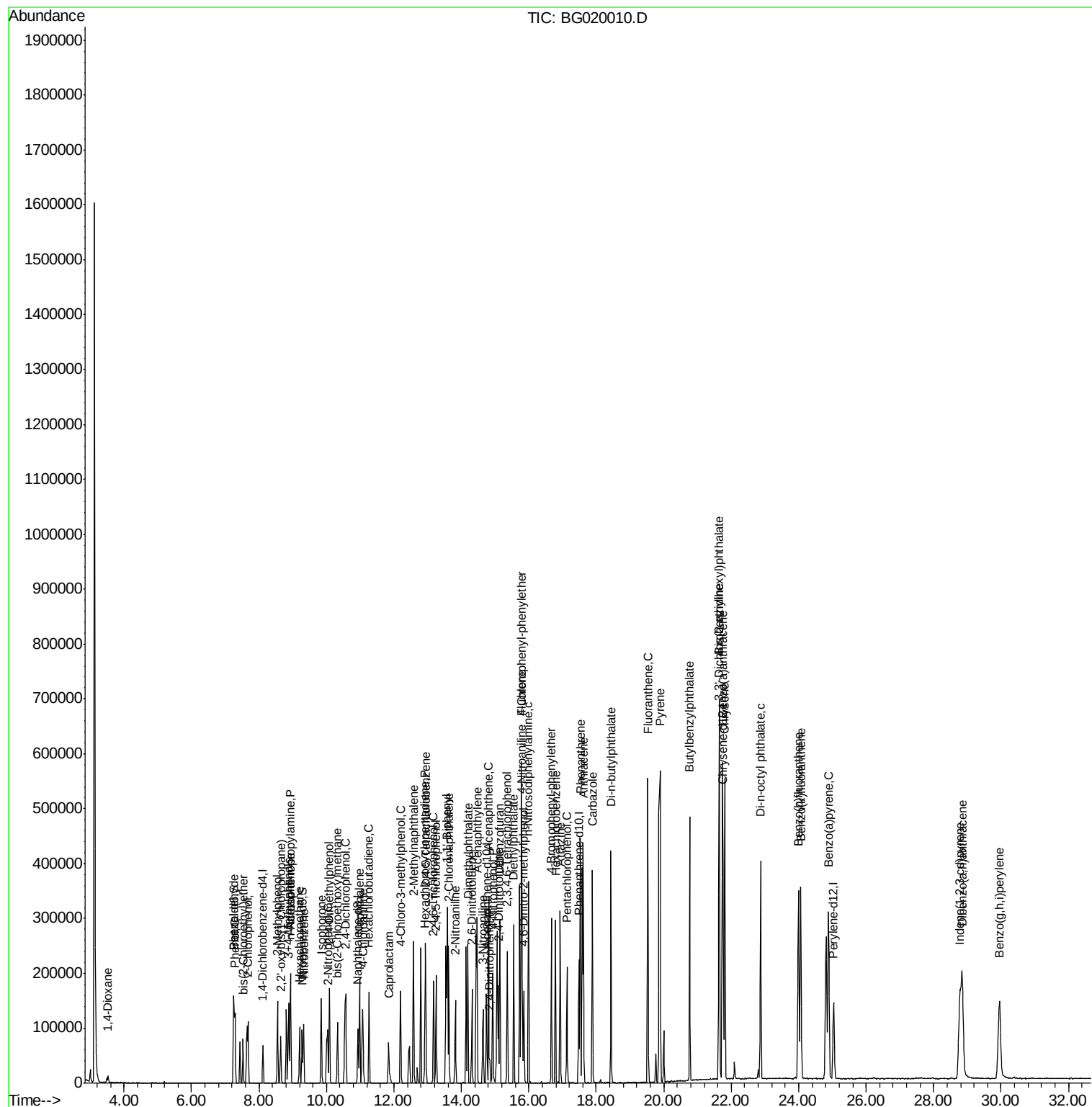
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) 3-Nitroaniline	14.64	138	33473	33.52	nq	94
53) 2,4-Dinitrophenol	14.84	184	13451	32.52	nq	87
54) Dibenzofuran	15.14	168	202013	36.55	nq	95
55) 4-Nitrophenol	14.93	139	31028	35.68	nq	# 69
56) 2,4-Dinitrotoluene	15.09	165	52719	39.31	nq	# 93
57) Fluorene	15.79	166	161502	32.64	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	51840	37.12	nq	98
59) Diethylphthalate	15.55	149	170388	30.80	nq	98
60) 4-Chlorophenyl-phenylether	15.77	204	89601	31.54	nq	97
61) 4-Nitroaniline	15.80	138	34263	30.51	nq	# 78
64) 4,6-Dinitro-2-methylphenol	15.85	198	28697	37.87	nq	86
65) n-Nitrosodiphenylamine	15.99	169	145758	35.88	nq	96
66) 4-Bromophenyl-phenylether	16.67	248	60439	34.65	nq	97
67) Hexachlorobenzene	16.79	284	64461	35.47	nq	96
68) Atrazine	16.93	200	63013	35.70	nq	98
69) Pentachlorophenol	17.13	266	39145	36.91	nq	97
70) Phenanthrene	17.53	178	281998m	35.50	nq	
71) Anthracene	17.62	178	289267	35.76	nq	95
72) Carbazole	17.88	167	256835	36.04	nq	98
73) Di-n-butylphthalate	18.44	149	303517	34.75	nq	98
74) Fluoranthene	19.53	202	357058	35.15	nq	94
77) Pyrene	19.89	202	362539	35.78	nq	95
79) Butylbenzylphthalate	20.77	149	140763	35.44	nq	99
80) Benzo(a)anthracene	21.74	228	375771	35.64	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	114865	28.61	nq	98
82) Chrysene	21.80	228	350025	34.97	nq	97
83) Bis(2-ethylhexyl)phthalate	21.64	149	205273	35.22	nq	96
84) Di-n-octyl phthalate	22.87	149	351687	37.11	nq	# 95
85) Indeno(1,2,3-cd)pyrene	28.78	276	401921	36.45	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	356313	34.64	nq	# 95
88) Benzo(k)fluoranthene	24.06	252	349328	34.29	nq	# 97
89) Benzo(a)pyrene	24.89	252	347355	35.57	nq	# 95
90) Dibenzo(a,h)anthracene	28.85	278	330120	34.21	nq	# 93
91) Benzo(g,h,i)perylene	29.96	276	323219	34.11	nq	# 92

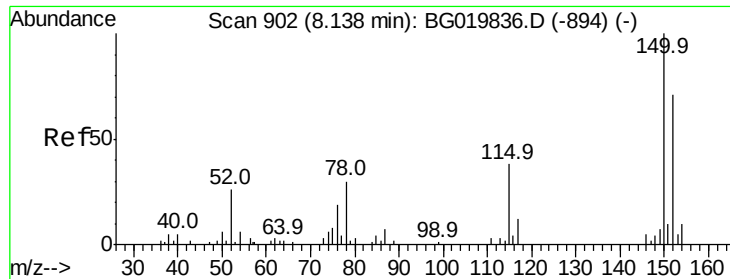
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#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

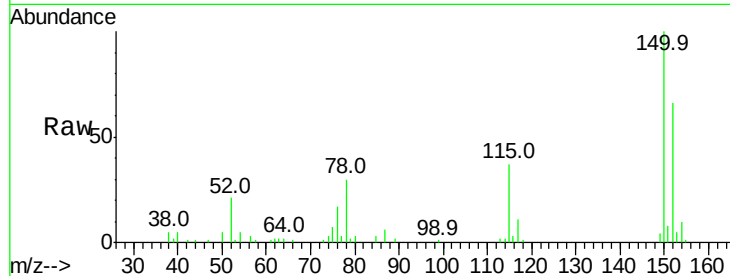
Tot Ion:152 Resp: 19217

Ion Ratio Lower Upper

152 100

150 151.2 115.0 172.4

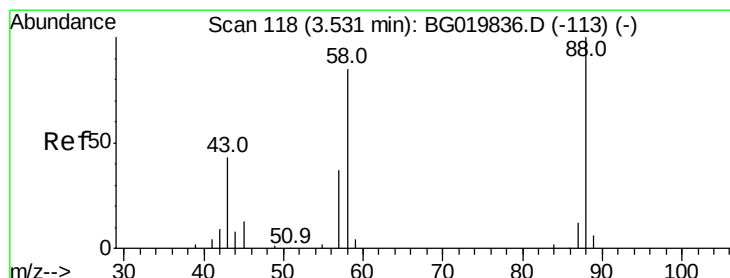
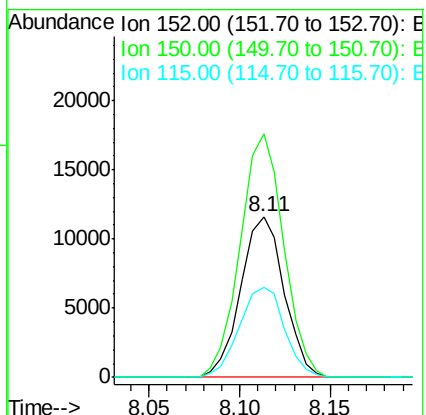
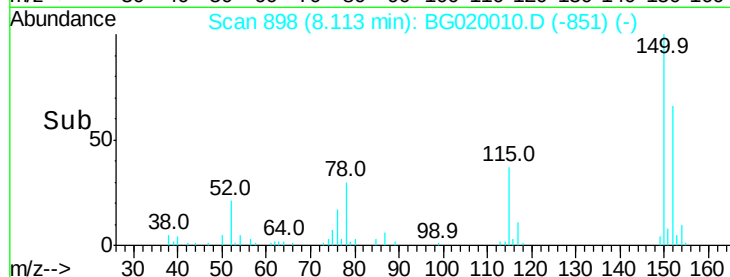
115 55.6 43.9 65.9



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

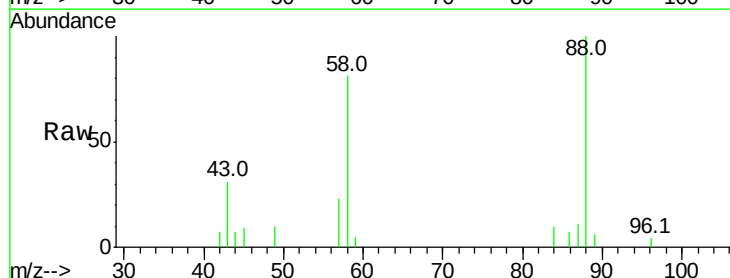
Tgt Ion: 88 Resp: 6084

Ion Ratio Lower Upper

88 100

58 80.5 0.0 0.0#

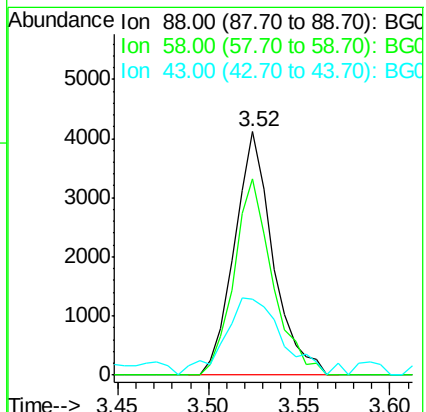
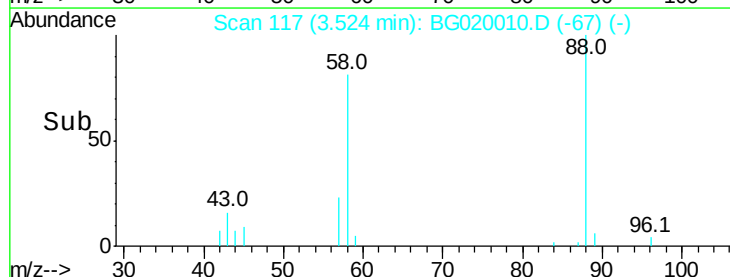
43 46.3 0.0 0.0#

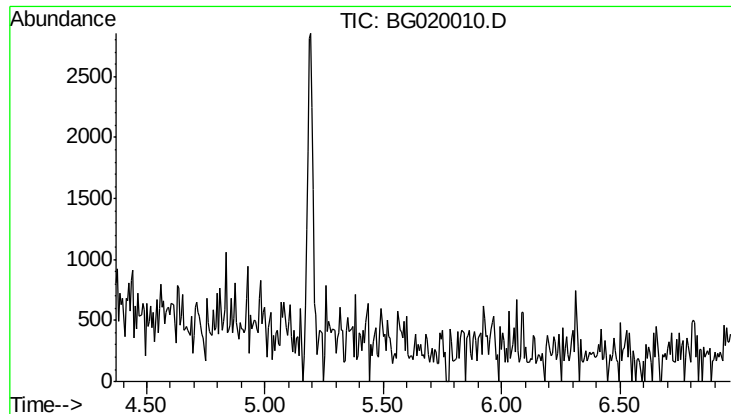


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

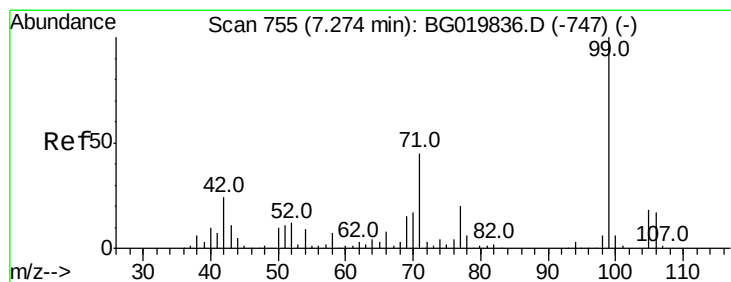
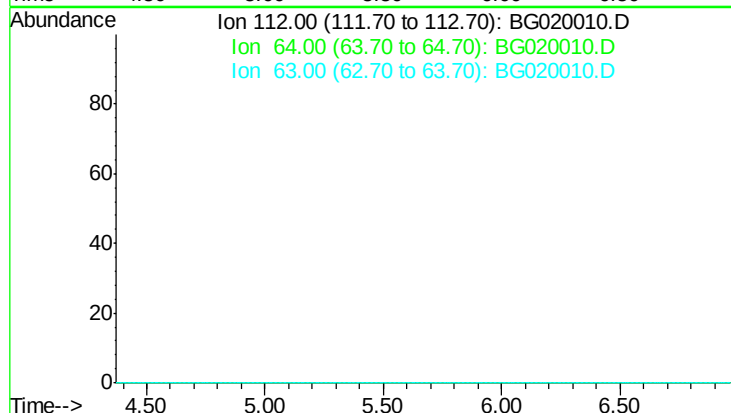




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.67 min
 Lab File: BG020010.D
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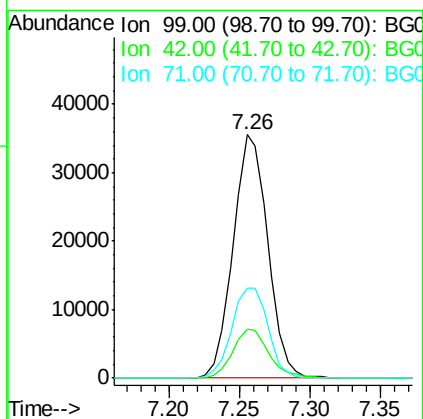
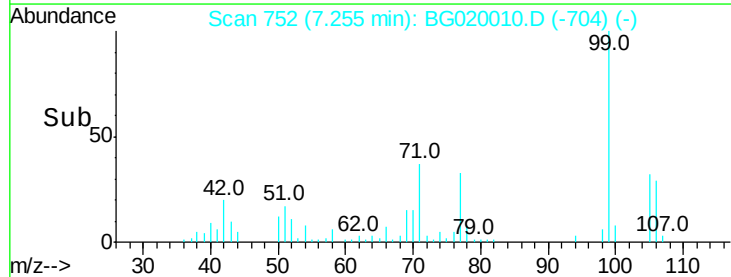
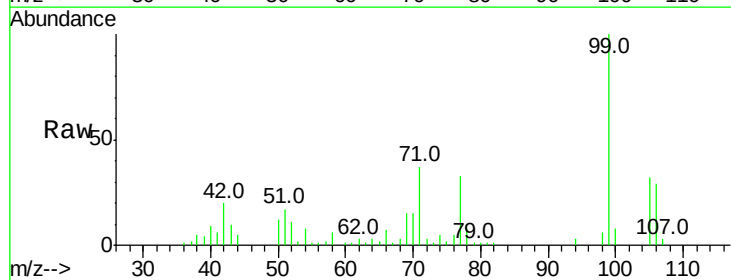
Instrument :
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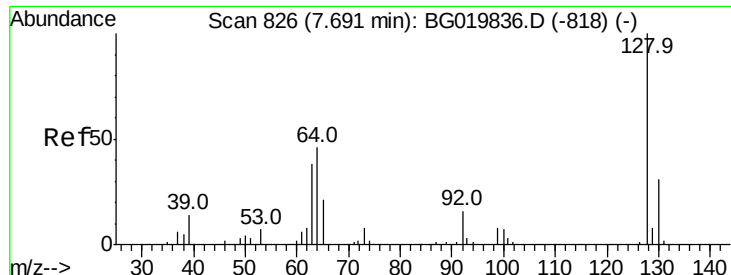
Tot Ion: 112
 Sig Exp Ratio
 112 100
 64 54.6
 63 30.0



#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

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#

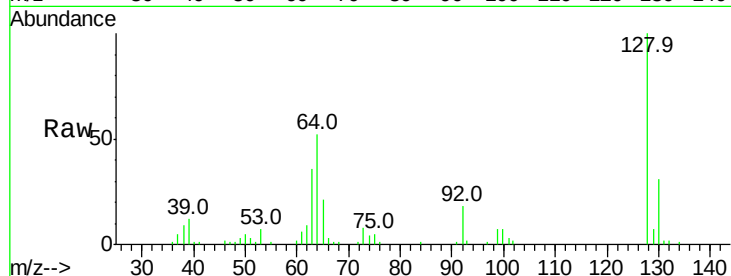




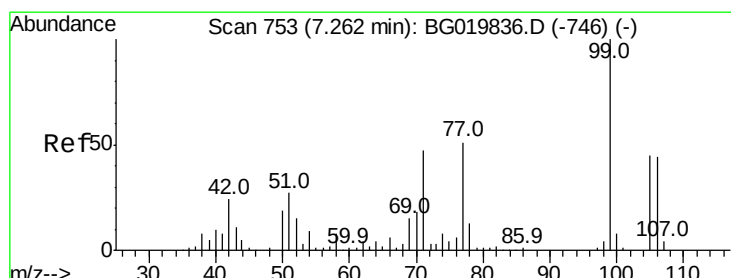
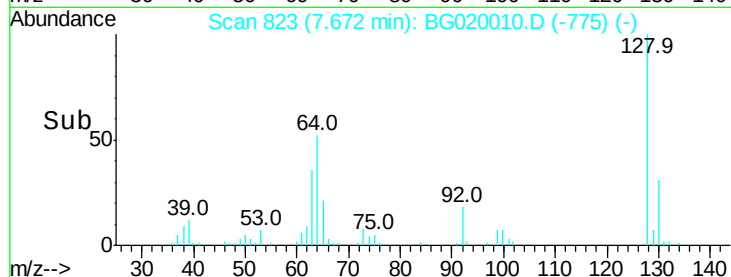
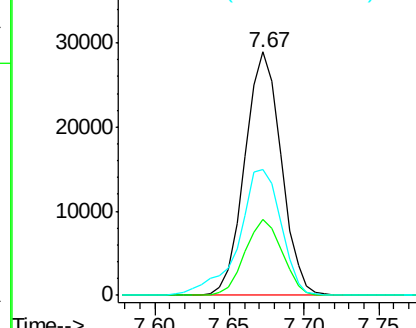
#8
2-Chlorophenol
Concen: 37.54 ng
RT: 7.67 min Scan# 823
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

Tot Ion:128 Resp: 48670
Ion Ratio Lower Upper
128 100
130 31.4 13.0 53.0
64 51.6 28.2 68.2

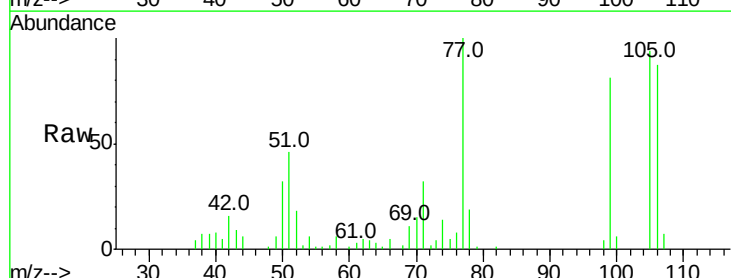


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): B

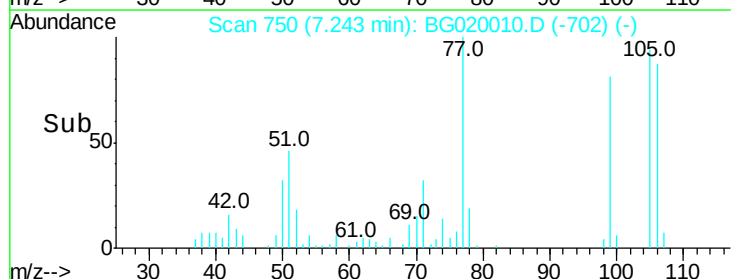
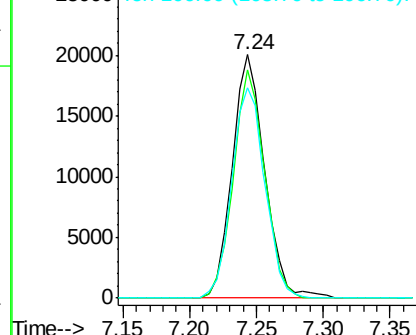


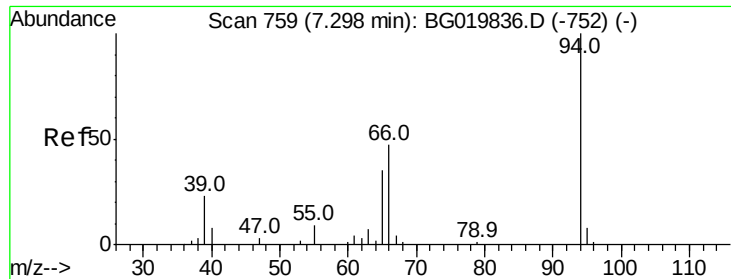
#9
Benzaldehyde
Concen: 31.73 ng
RT: 7.24 min Scan# 750
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

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



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





#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

Instrument :

BNA_G

ClientSampleId :

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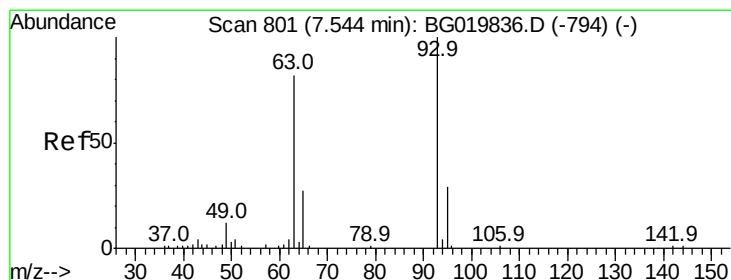
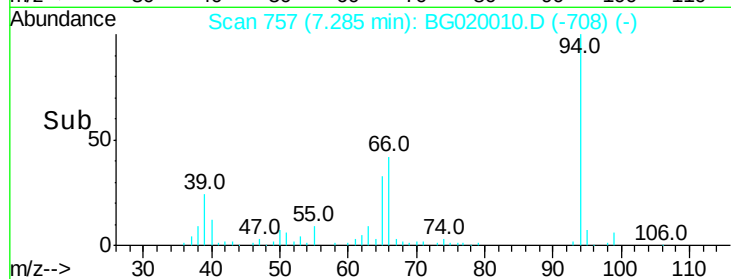
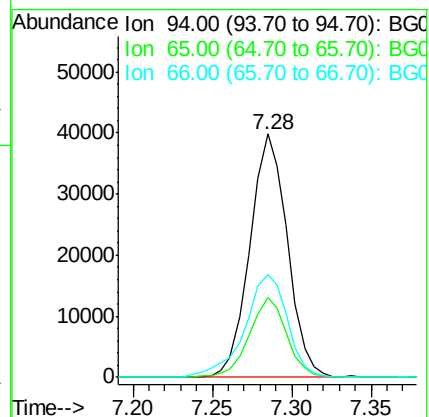
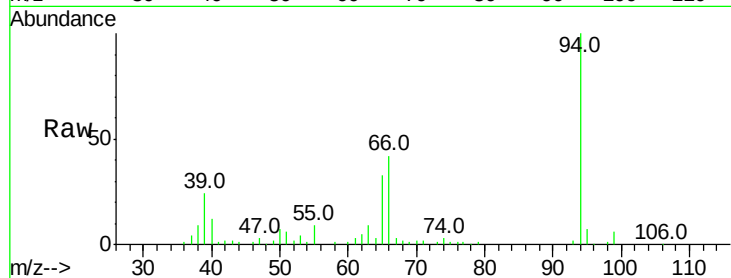
Tot Ion: 94 Resp: 65451

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

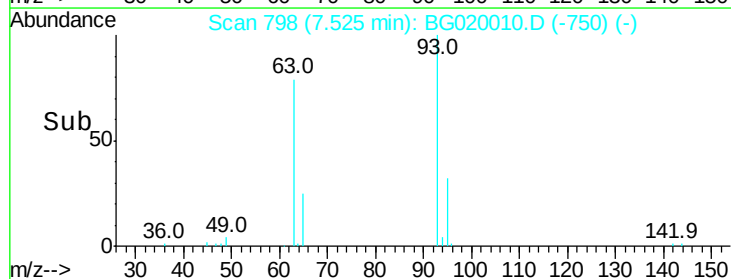
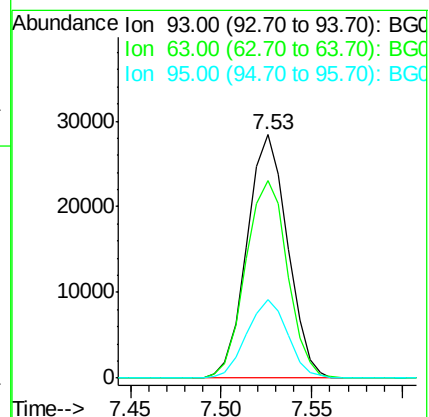
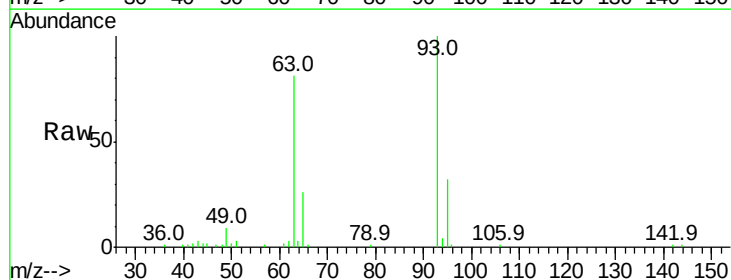
Tgt Ion: 93 Resp: 44237

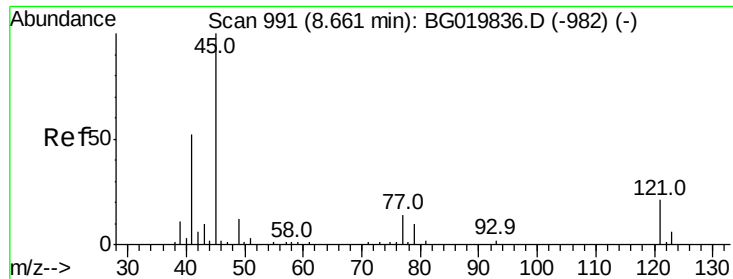
Ion Ratio Lower Upper

93 100

63 81.4 50.5 90.5

95 32.4 12.2 52.2

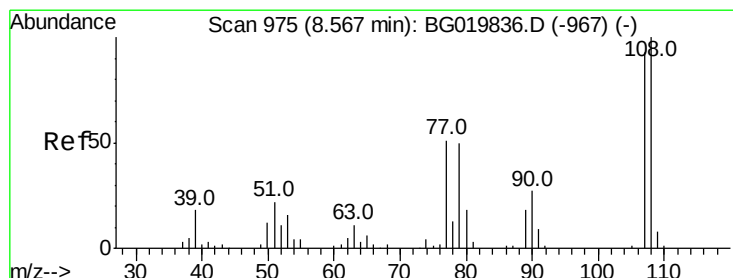
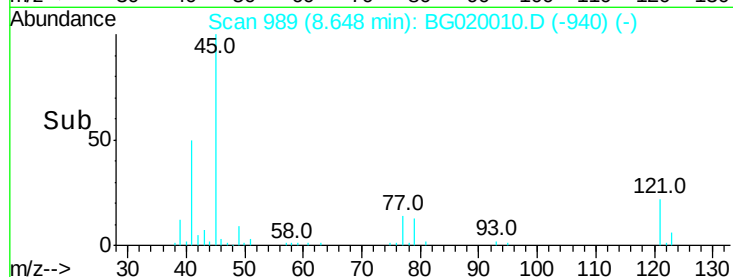
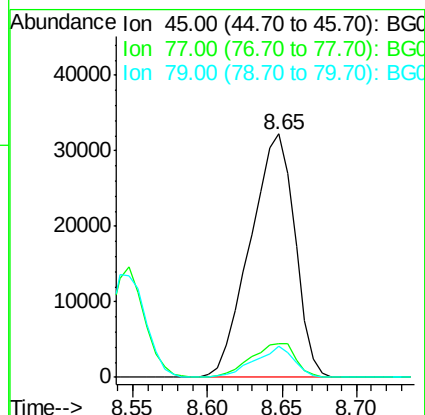
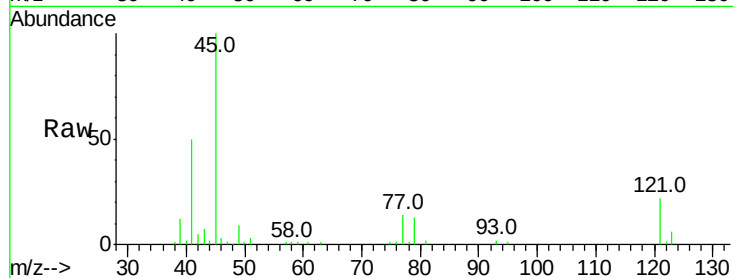




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 32.77 ng
RT: 8.65 min Scan# 989
Delta R.T. -0.01 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

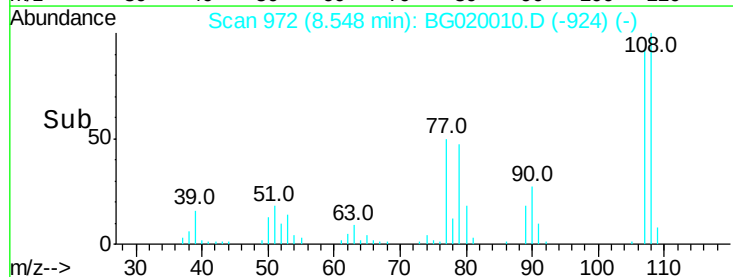
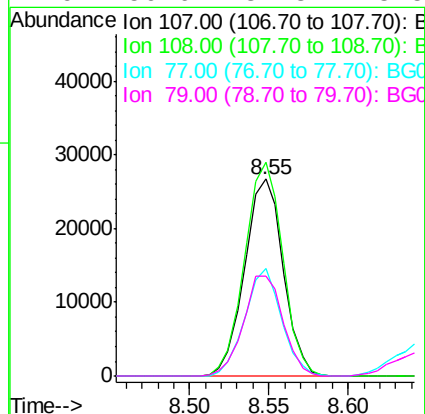
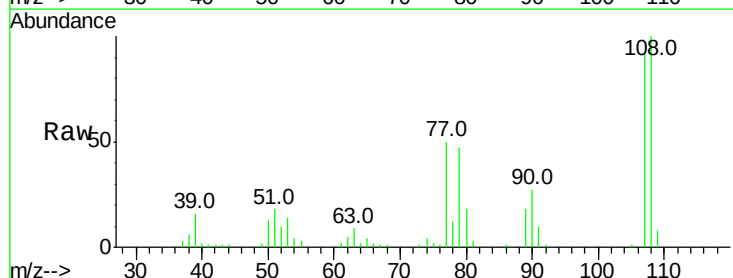
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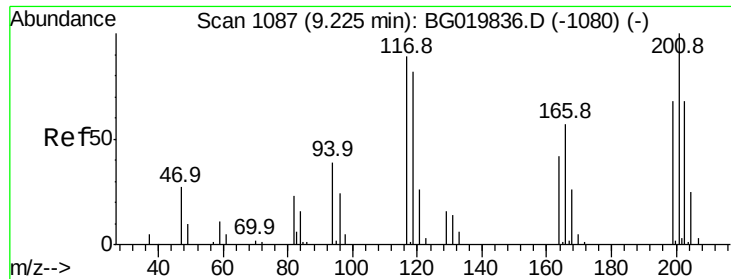
Tot Ion: 45 Resp: 66884
Ion Ratio Lower Upper
45 100
77 13.9 0.0 37.0
79 12.6 0.0 33.8



#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#

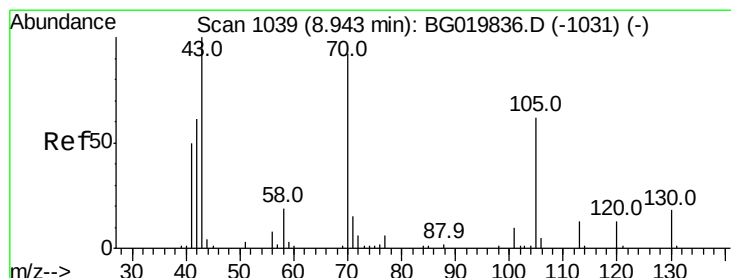
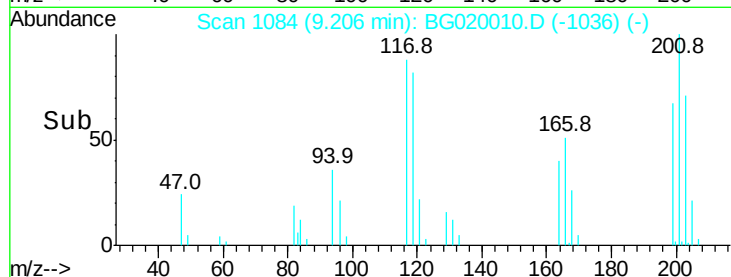
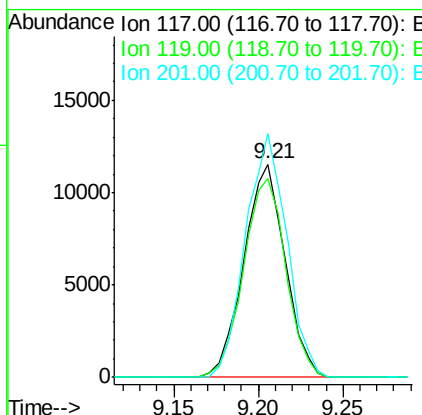
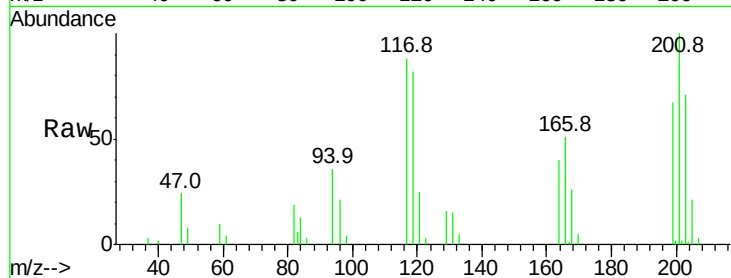




#18
Hexachloroethane
Concen: 34.42 ng
RT: 9.21 min Scan# 1084
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

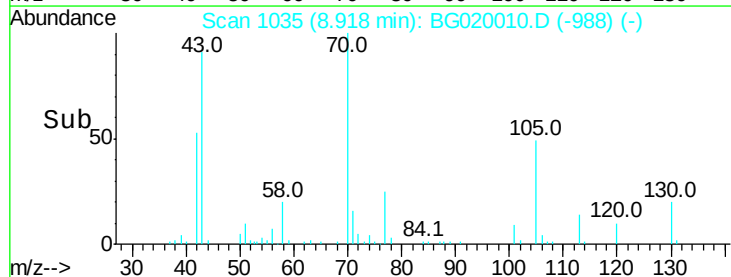
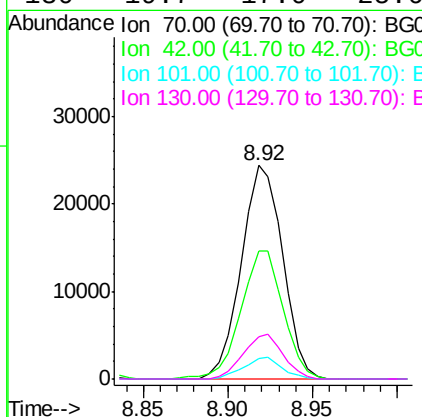
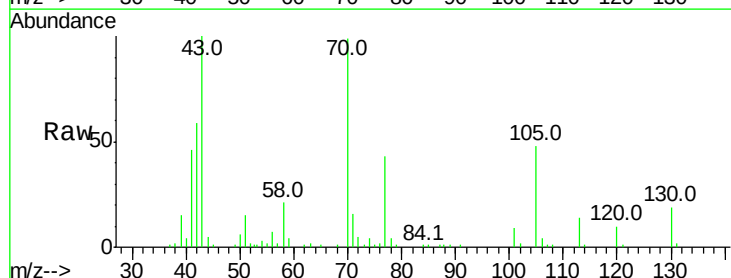
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

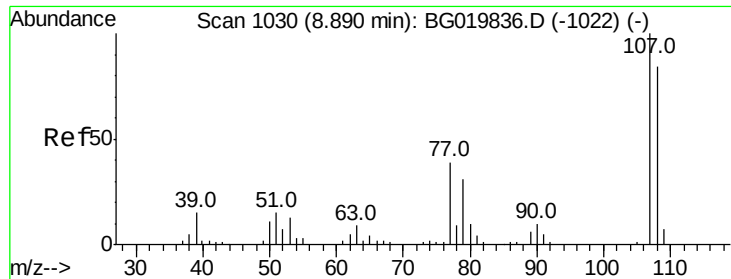
Tot Ion:117 Resp: 19561
Ion Ratio Lower Upper
117 100
119 93.1 71.7 107.5
201 117.0 90.9 136.3



#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

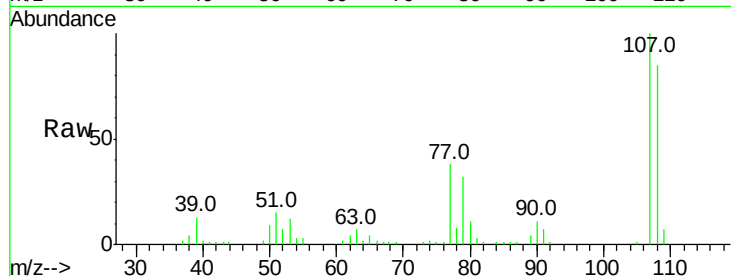




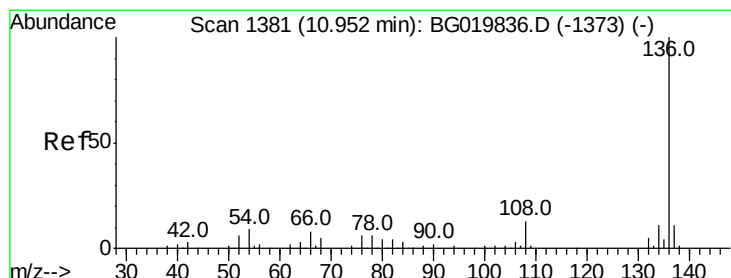
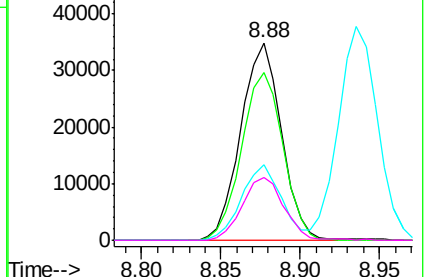
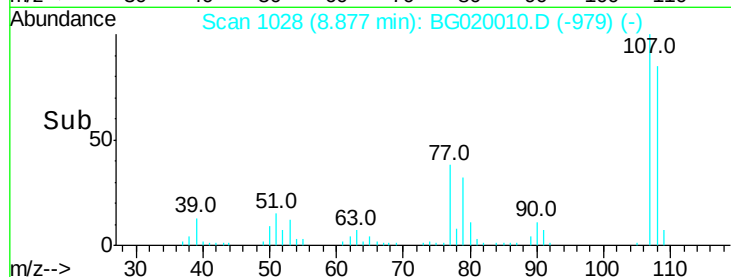
#20
3+4-Methylphenols
Concen: 37.13 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

Tot 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

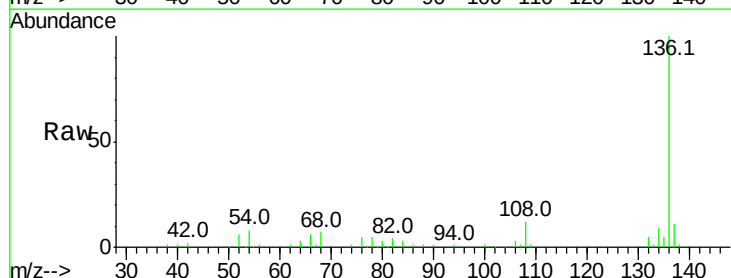


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

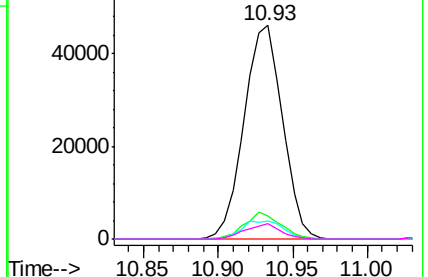
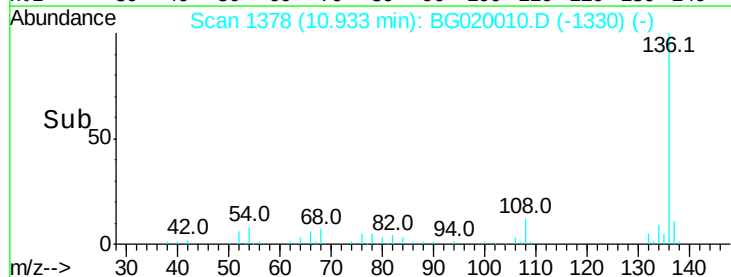


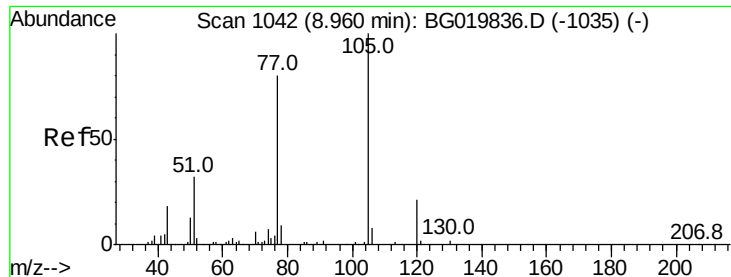
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1378
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

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

Tot Ion:105 Resp: 78924

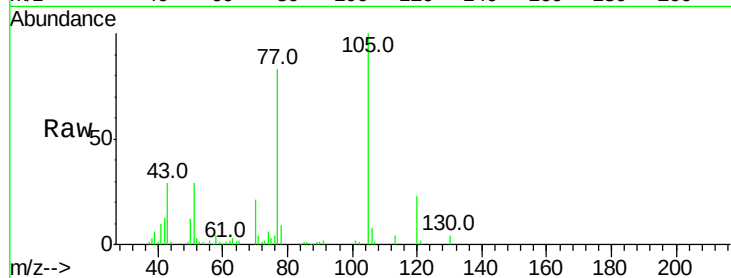
Ion Ratio Lower Upper

105 100

71 3.7 2.1 3.1#

51 28.7 17.8 26.8#

120 23.0 17.7 26.5

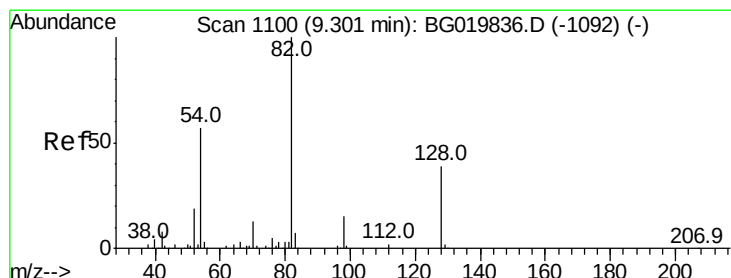
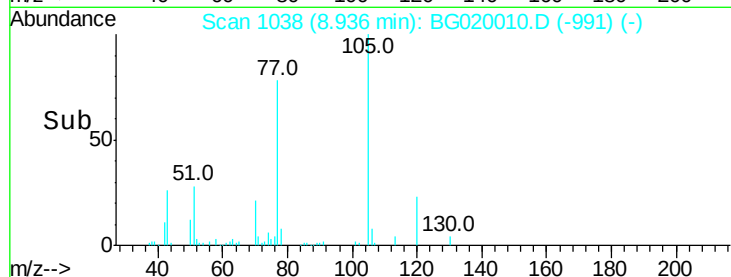
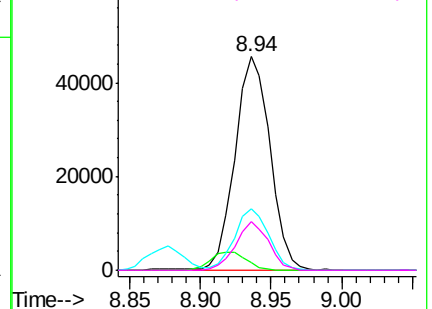


Abundance Ion 105.00 (104.70 to 105.70): E

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

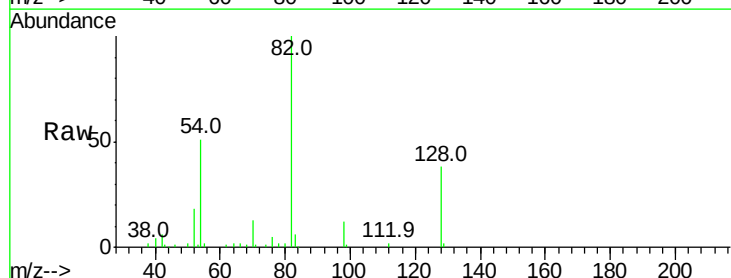
Tgt Ion: 82 Resp: 60624

Ion Ratio Lower Upper

82 100

128 38.1 36.7 55.1

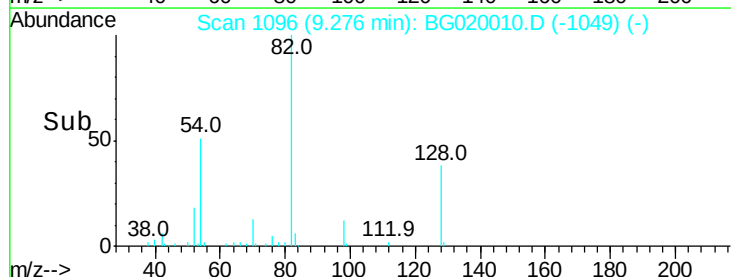
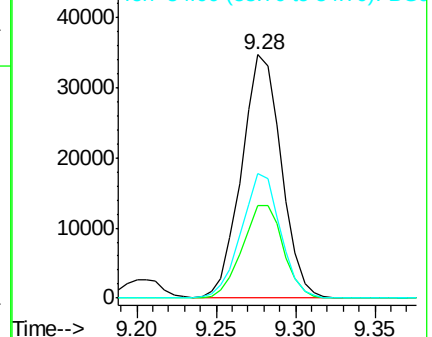
54 51.0 33.8 50.8#

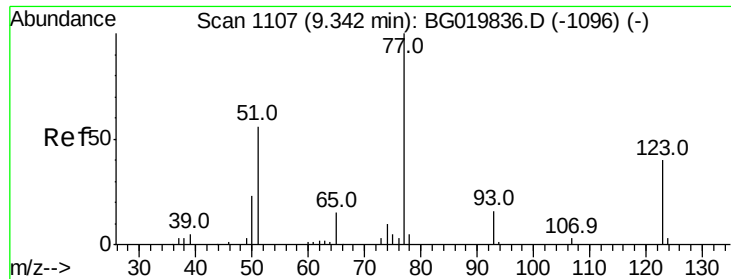


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

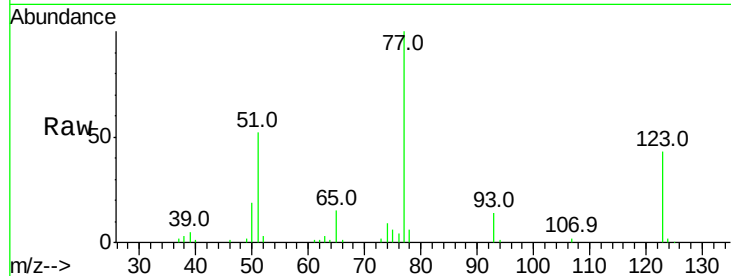




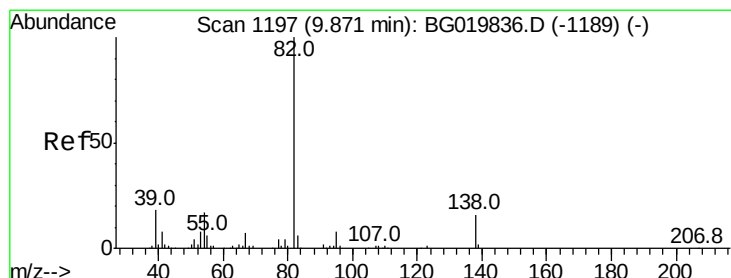
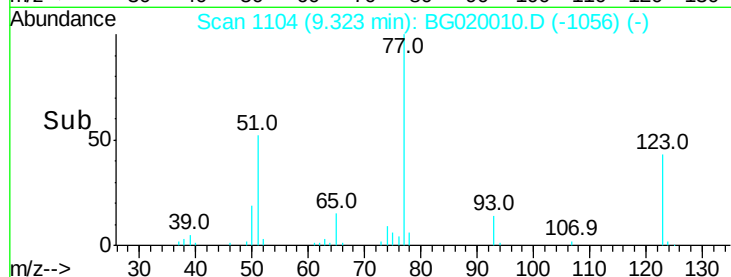
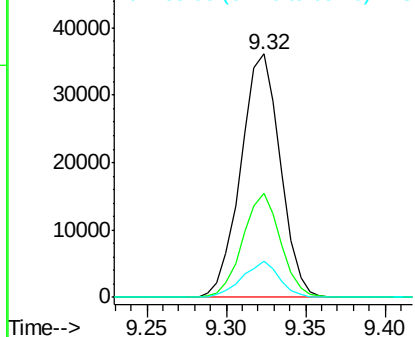
#24
Nitrobenzene
Concen: 35.84 ng
RT: 9.32 min Scan# 1104
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

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

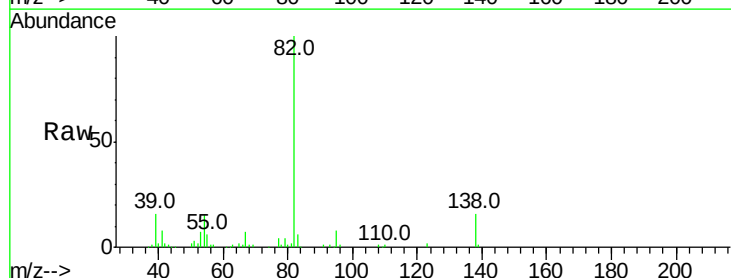


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

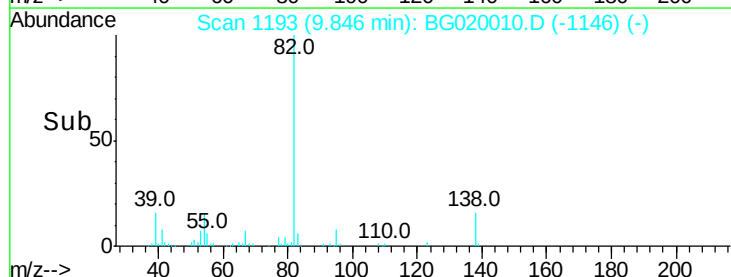
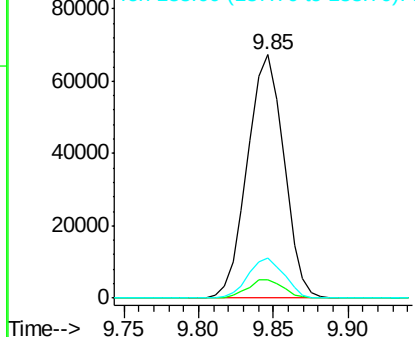


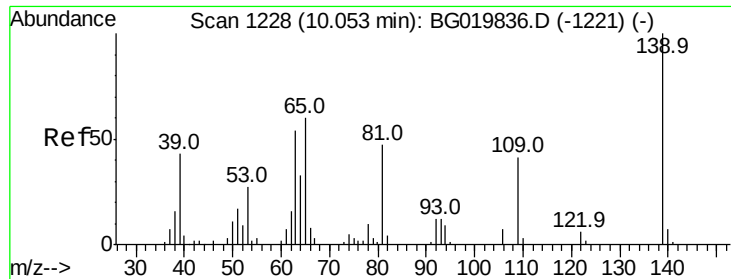
#25
Isophorone
Concen: 33.03 ng
RT: 9.85 min Scan# 1193
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

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



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

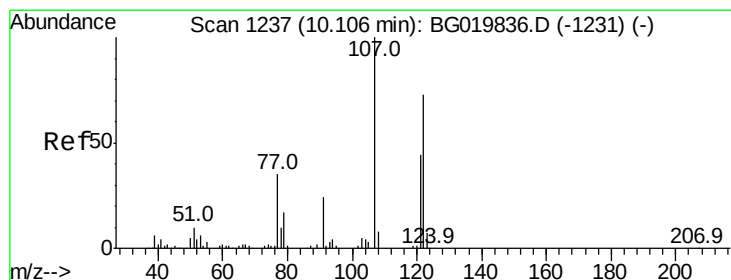
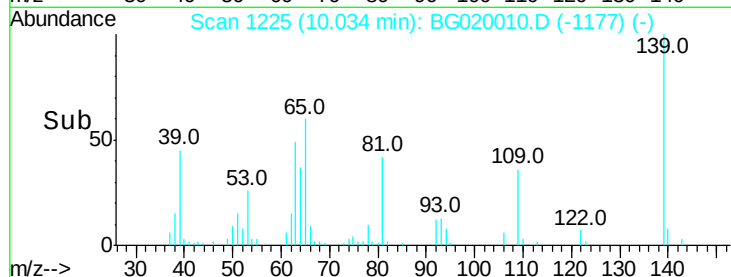
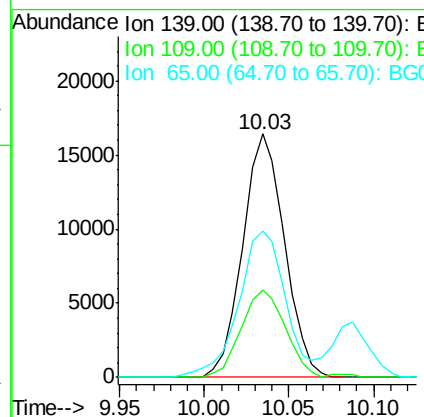
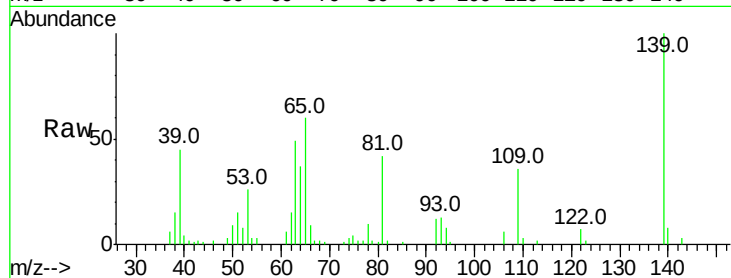




#26
2-Nitrophenol
Concen: 41.87 ng
RT: 10.03 min Scan# 1225
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

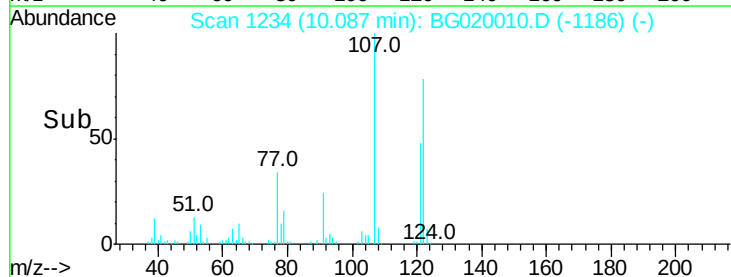
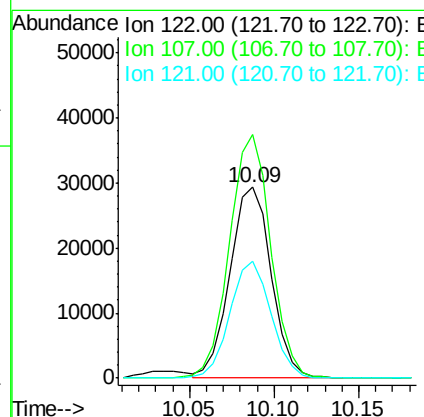
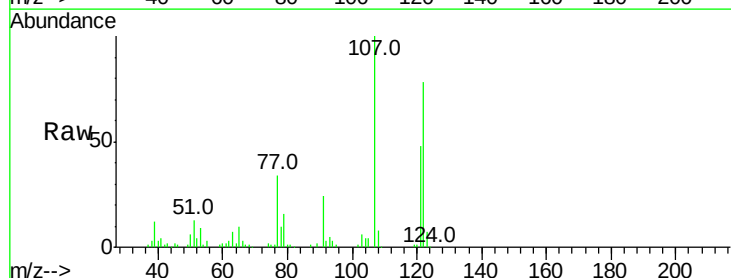
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

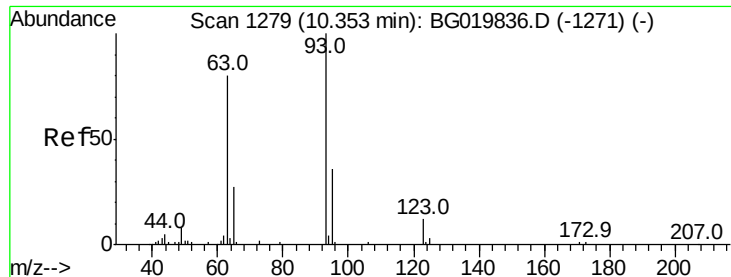
Tot Ion:139 Resp: 28216
Ion Ratio Lower Upper
139 100
109 35.7 20.1 30.1#
65 60.4 34.1 51.1#



#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



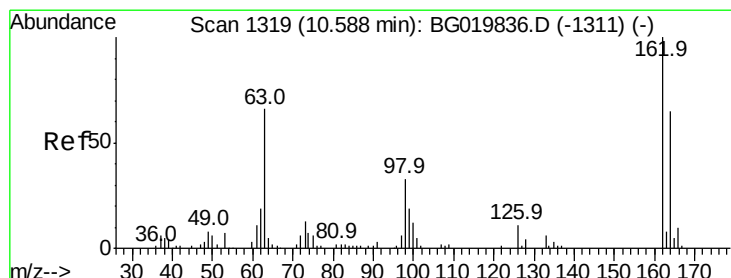
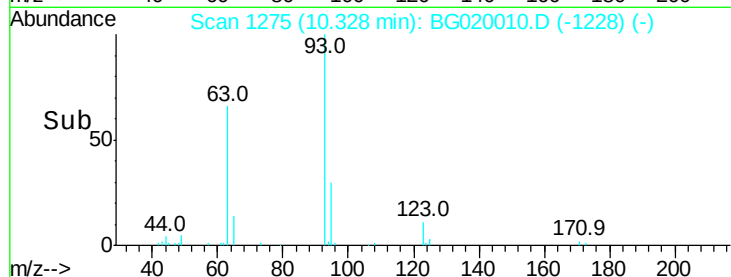
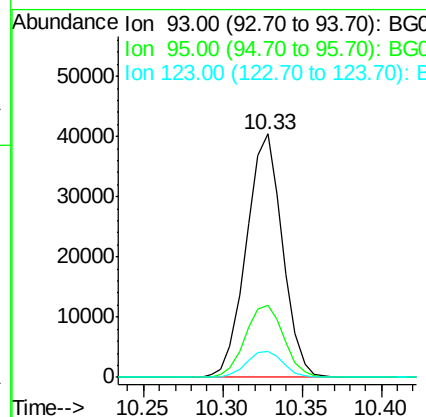
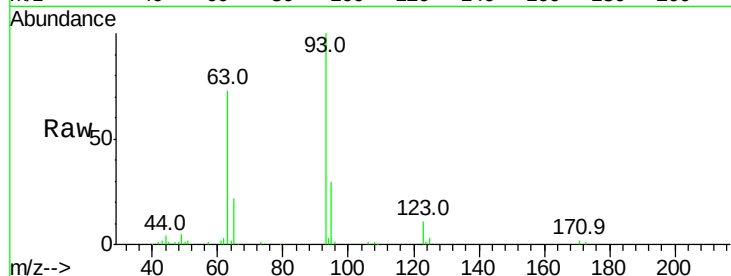


#28
bis(2-Chloroethoxy)methane
Concen: 37.87 ng
RT: 10.33 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

Tot Ion: 93 Resp: 63824

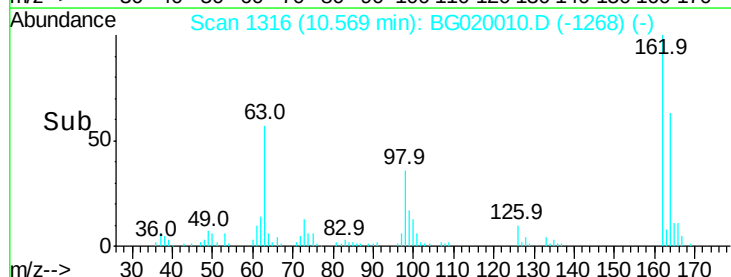
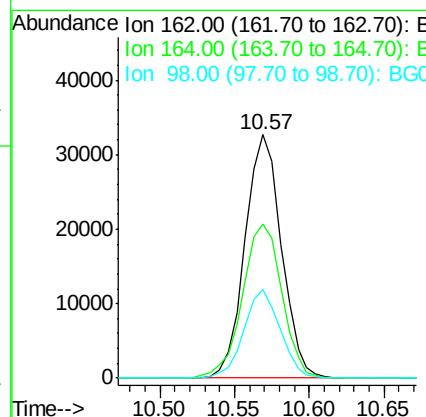
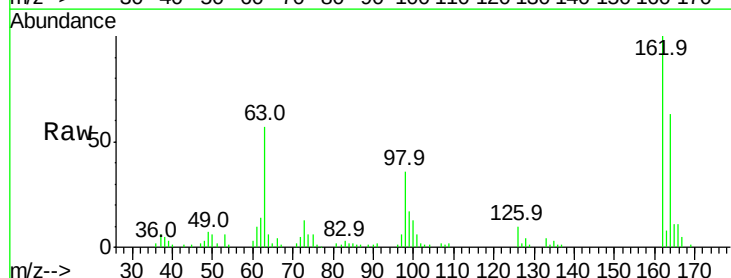
Ion	Ratio	Lower	Upper
93	100		
95	29.8	25.7	38.5
123	10.7	8.6	12.8

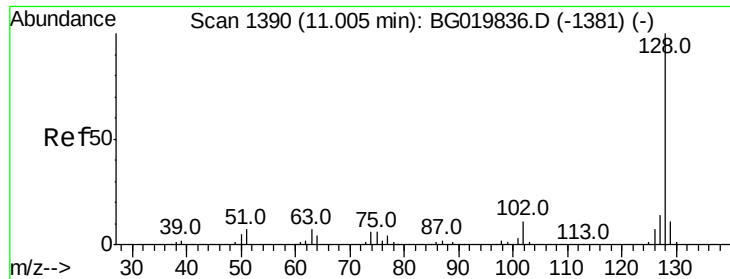


#29
2,4-Dichlorophenol
Concen: 38.44 ng
RT: 10.57 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

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

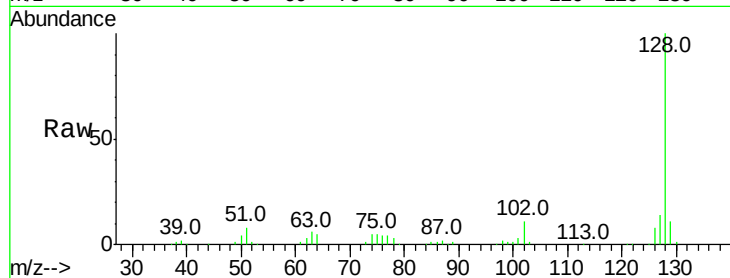




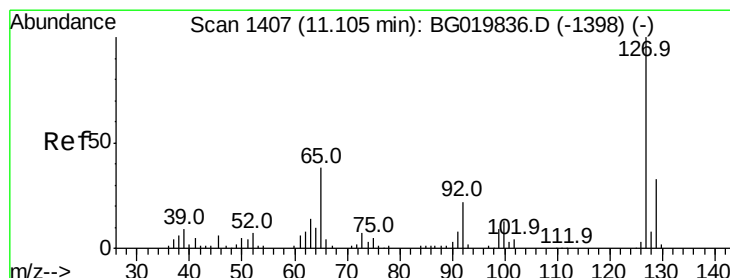
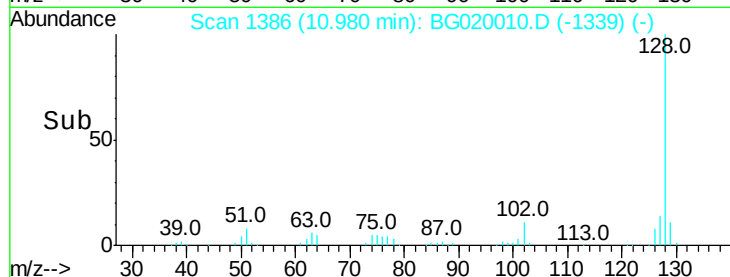
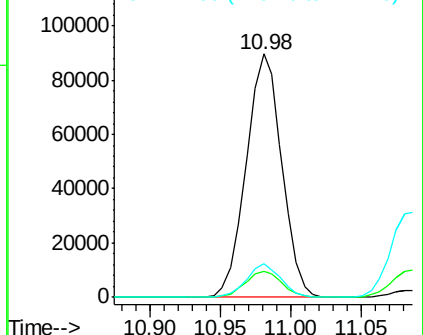
#31
Naphthalene
Concen: 35.96 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

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

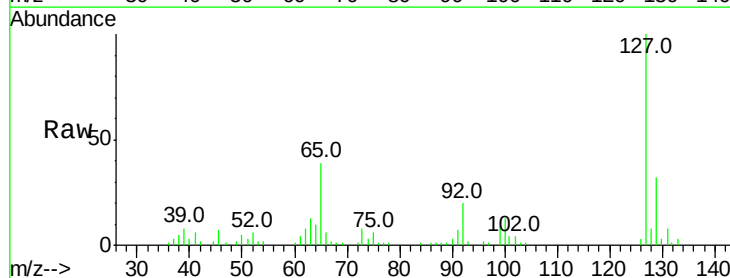


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

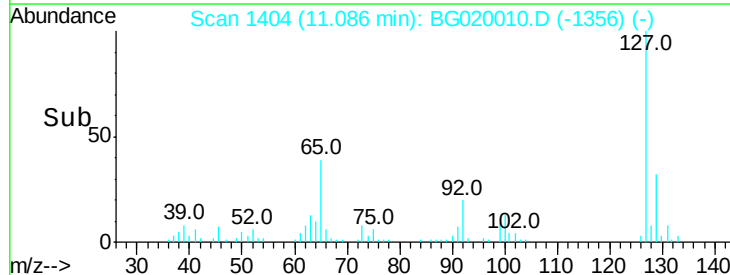
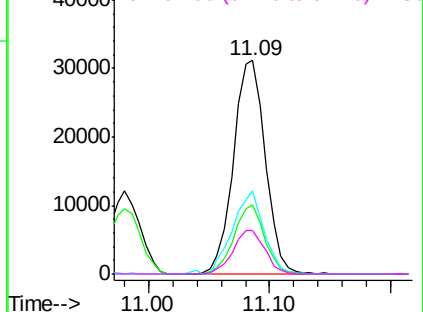


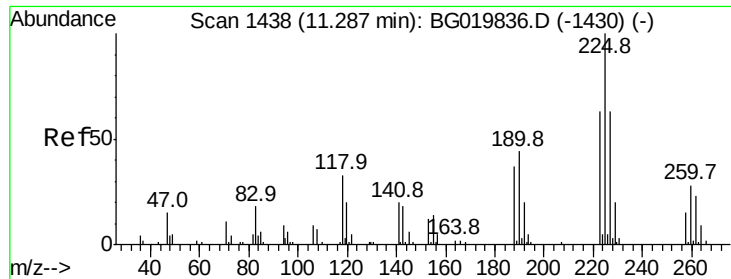
#33
4-Chloroaniline
Concen: 29.58 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

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

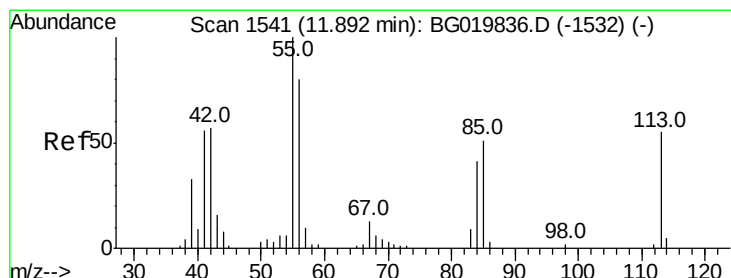
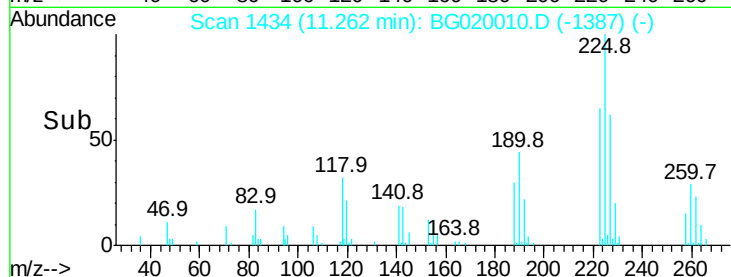
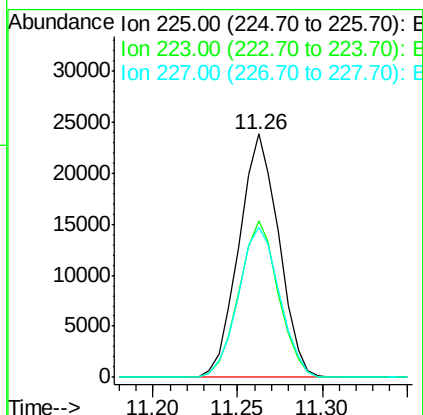
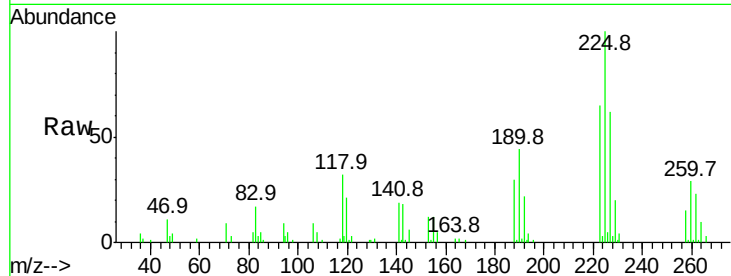




#34
Hexachlorobutadiene
Concen: 32.79 ng
RT: 11.26 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

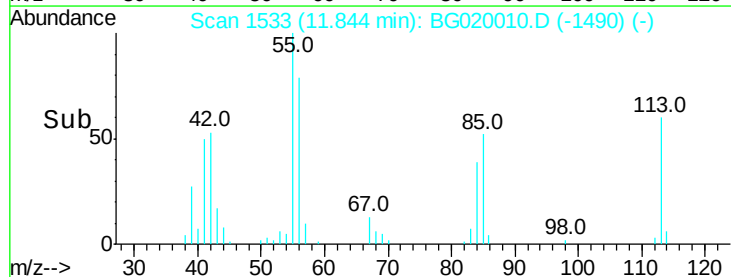
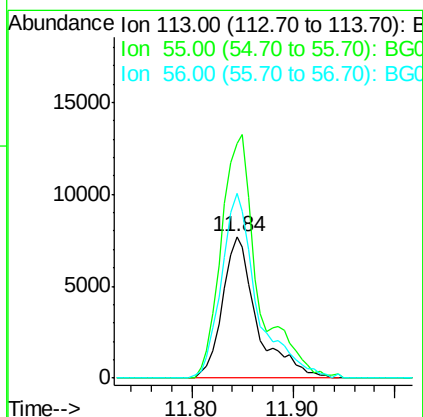
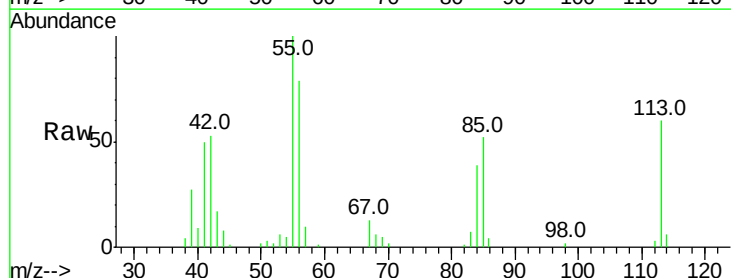
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

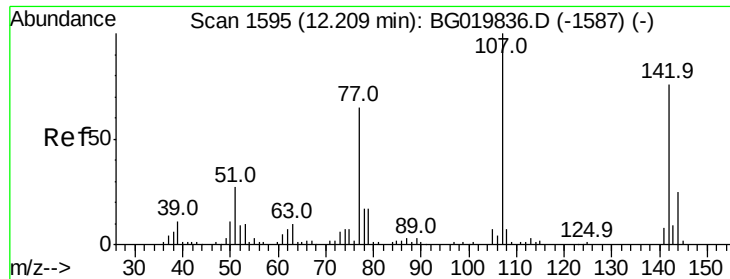
Tot Ion:225 Resp: 39194
Ion Ratio Lower Upper
225 100
223 61.7 51.0 76.4
227 62.0 51.8 77.8



#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

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#

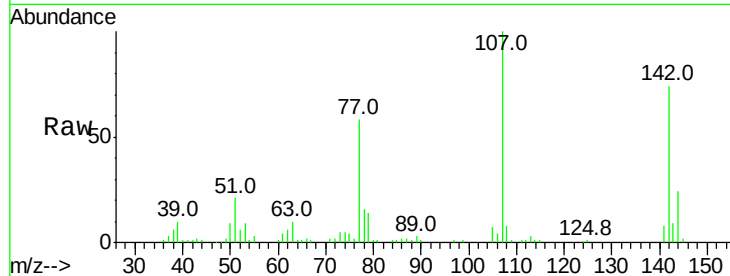




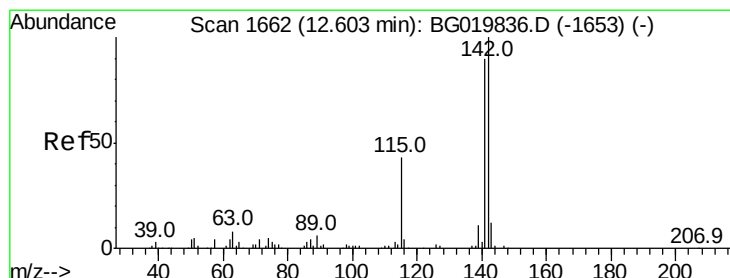
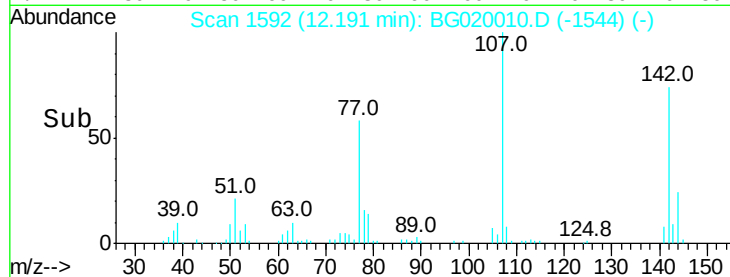
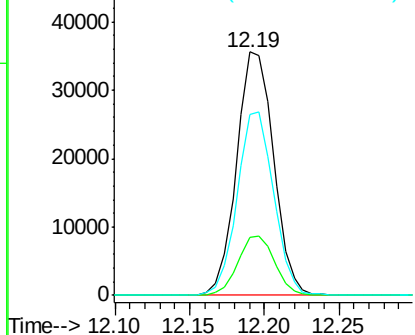
#36
 4-Chloro-3-methylphenol
 Concen: 34.37 ng
 RT: 12.19 min Scan# 1592
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

Tot Ion:107 Resp: 61368
 Ion Ratio Lower Upper
 107 100
 144 23.8 20.6 31.0
 142 74.4 62.6 93.8

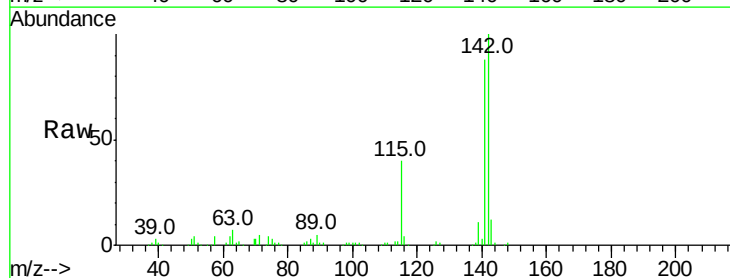


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

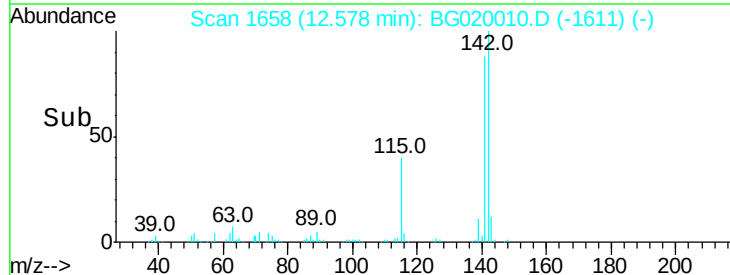
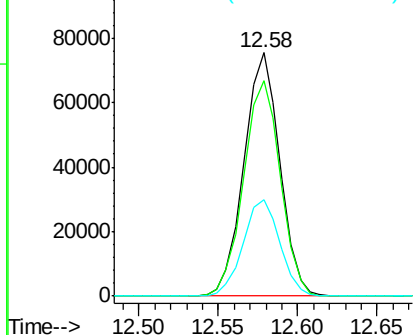


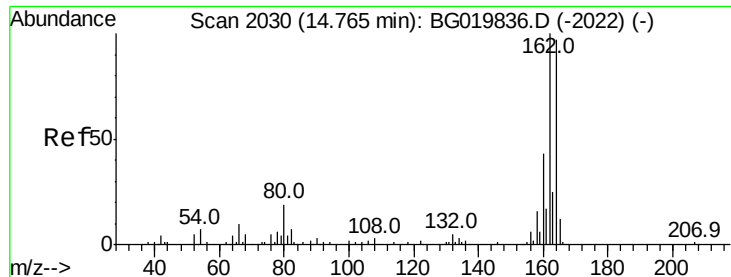
#37
 2-Methylnaphthalene
 Concen: 36.79 ng
 RT: 12.58 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Tgt Ion:142 Resp: 118577
 Ion Ratio Lower Upper
 142 100
 141 88.3 74.6 112.0
 115 39.6 27.4 41.0



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#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

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

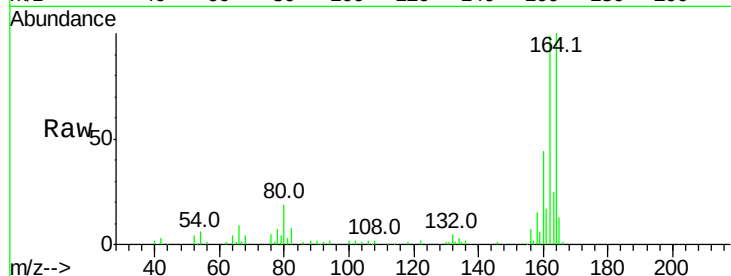
Tot Ion:164 Resp: 56833

Ion Ratio Lower Upper

164 100

162 99.3 78.8 118.2

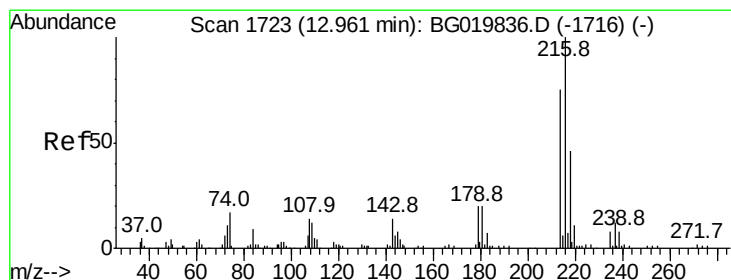
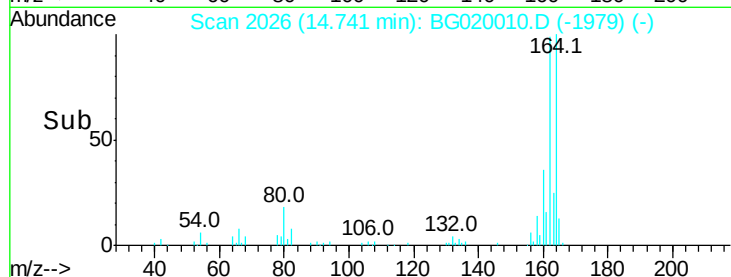
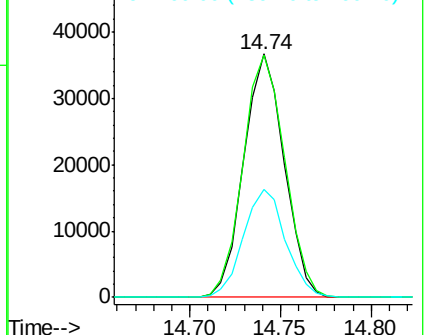
160 44.3 36.4 54.6



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



#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

Tgt Ion:216 Resp: 77329

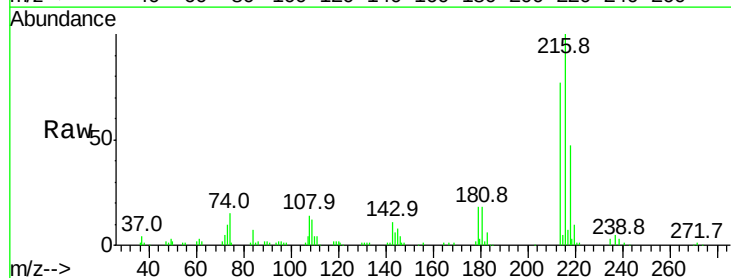
Ion Ratio Lower Upper

216 100

214 79.8 62.5 93.7

179 19.4 15.6 23.4

108 15.8 13.3 19.9

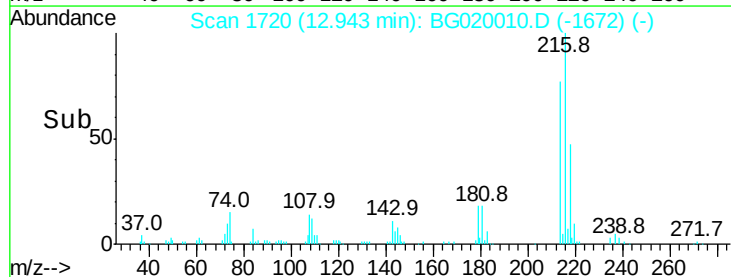
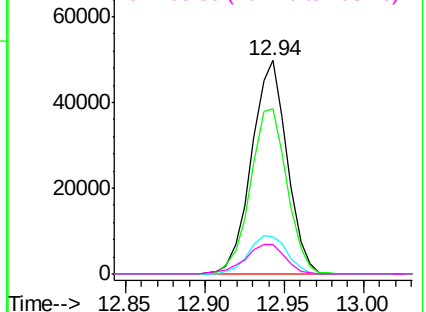


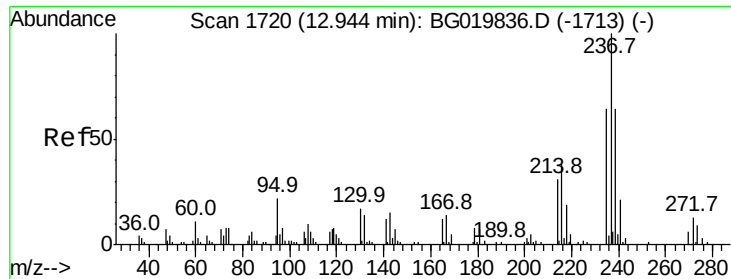
Abundance Ion 216.00 (215.70 to 216.70): E

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

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

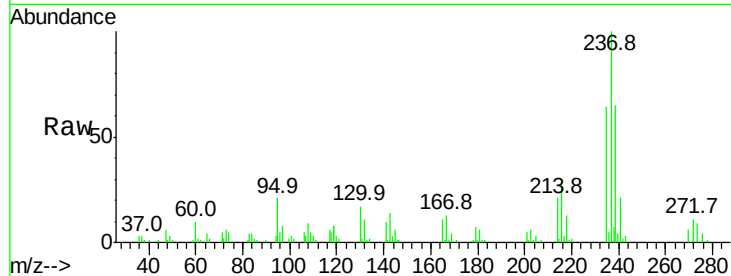
Tot Ion: 237 Resp: 38908

Ion Ratio Lower Upper

237 100

235 64.4 44.6 84.6

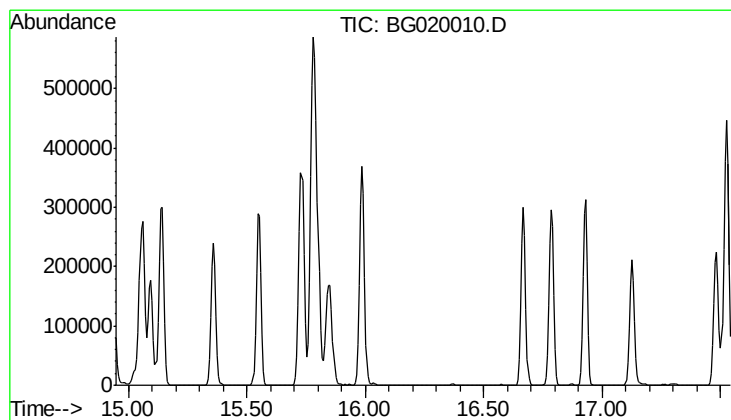
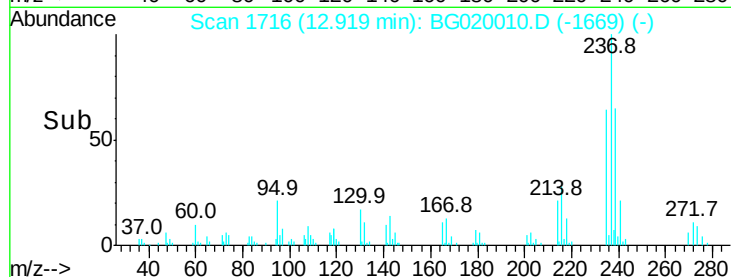
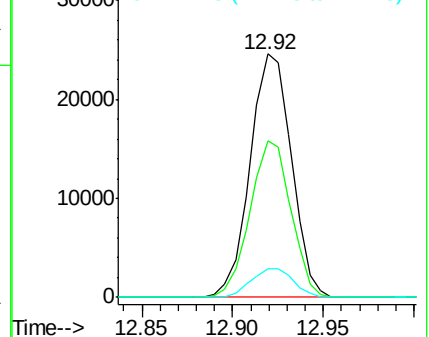
272 11.5 0.0 32.8



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

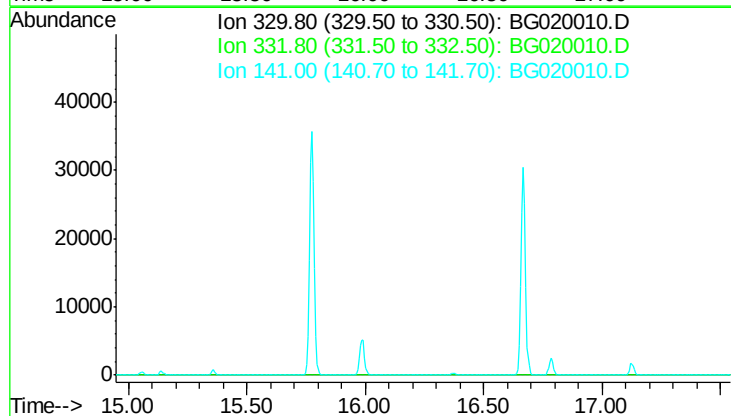
Tgt Ion: 330

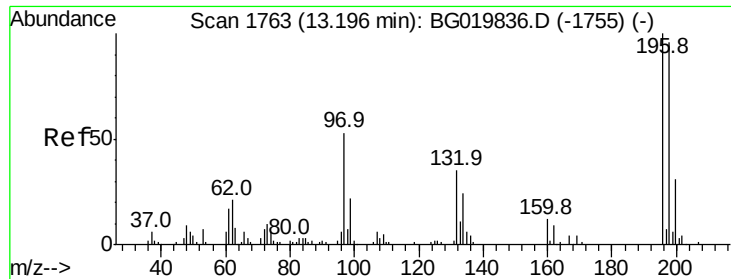
Sig Exp Ratio

330 100

332 97.6

141 35.2

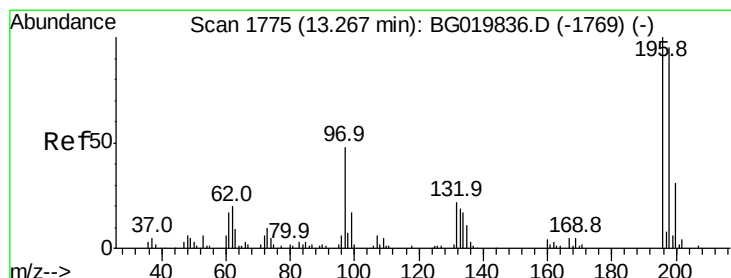
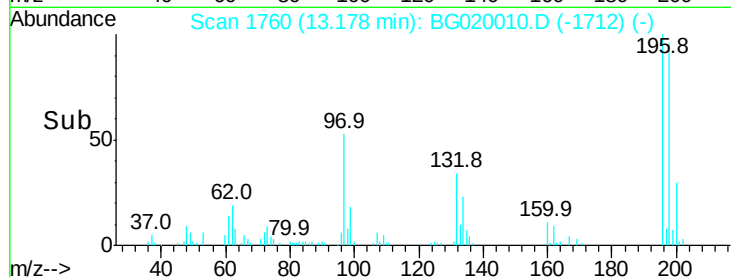
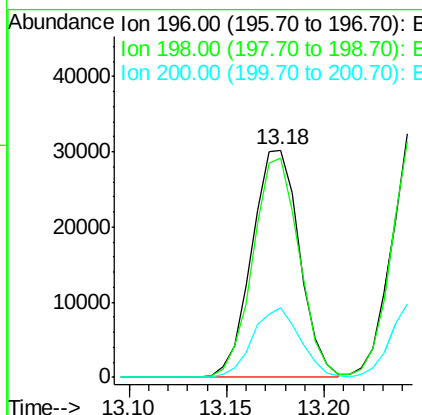
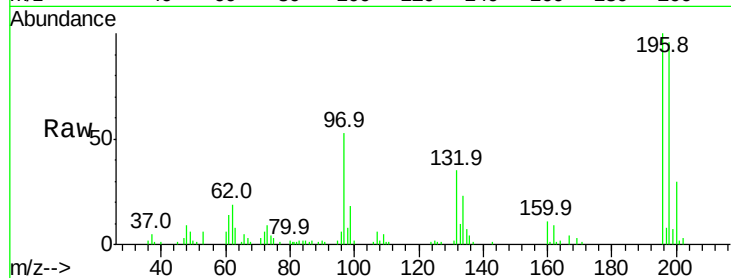




#42
 2,4,6-Trichlorophenol
 Concen: 35.66 ng
 RT: 13.18 min Scan# 1760
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

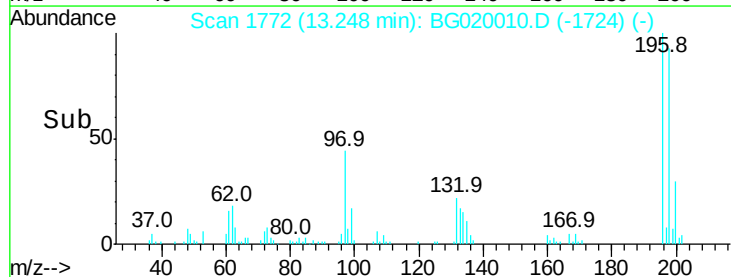
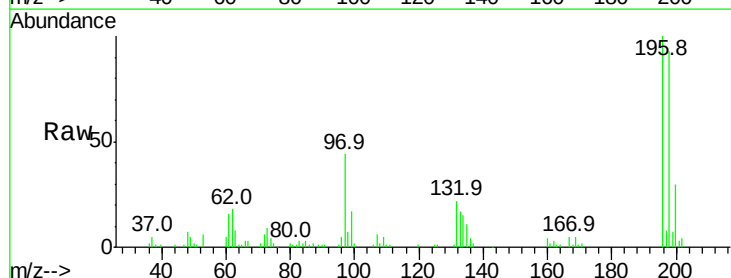
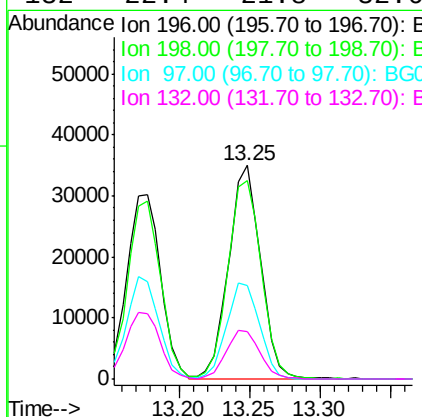
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

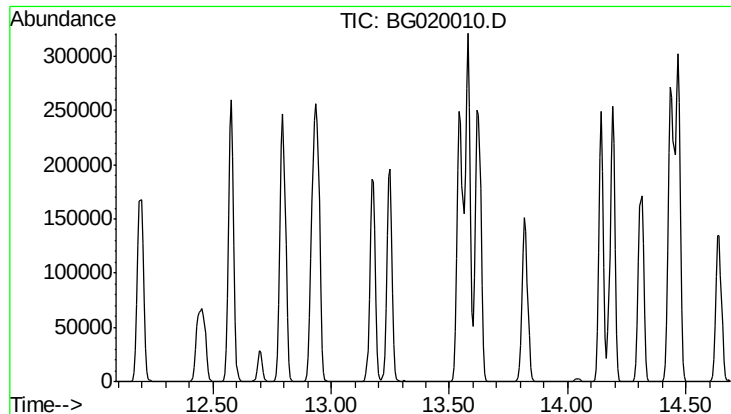
Tot Ion:196 Resp: 50915
 Ion Ratio Lower Upper
 196 100
 198 96.4 74.7 112.1
 200 30.4 24.1 36.1



#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

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

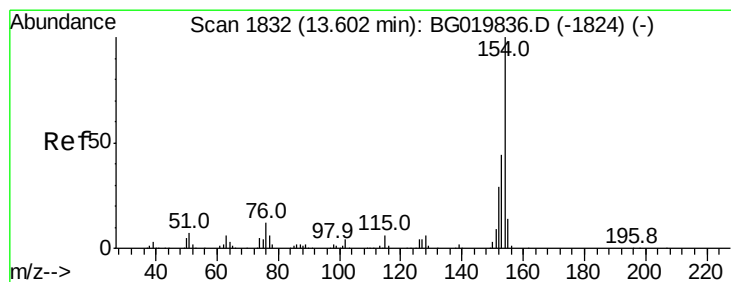
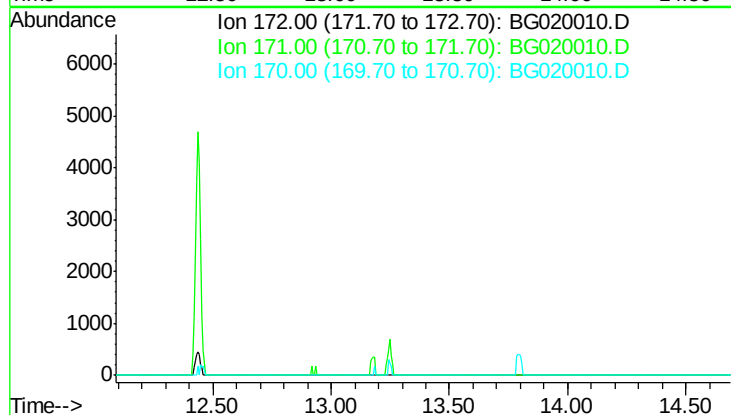




#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 Expected RT: 13.39 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

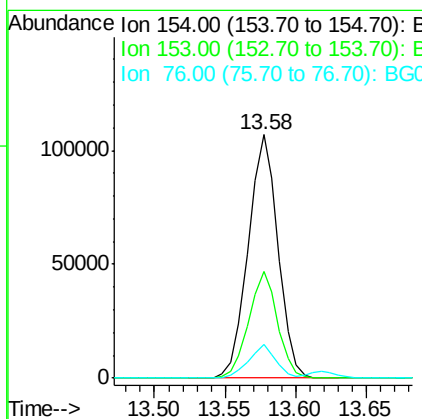
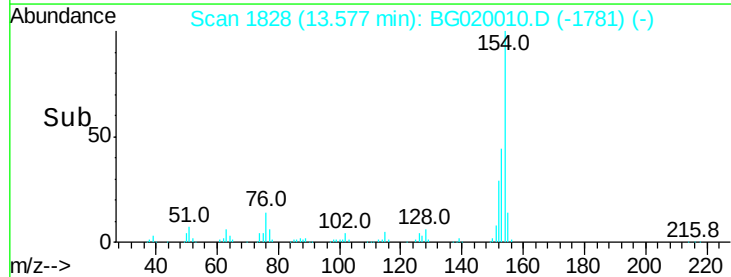
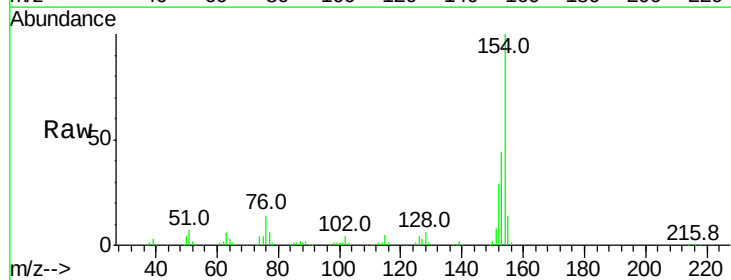
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

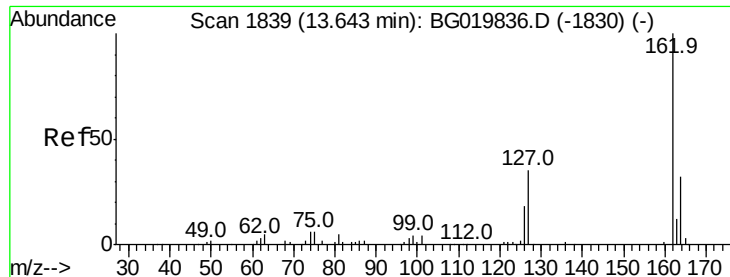
Tot Ion: 172
 Sig Exp Ratio
 172 100
 171 36.3
 170 24.9



#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

Tgt Ion: 154 Resp: 158160
 Ion Ratio Lower Upper
 154 100
 153 43.8 21.9 61.9
 76 13.7 0.0 33.2

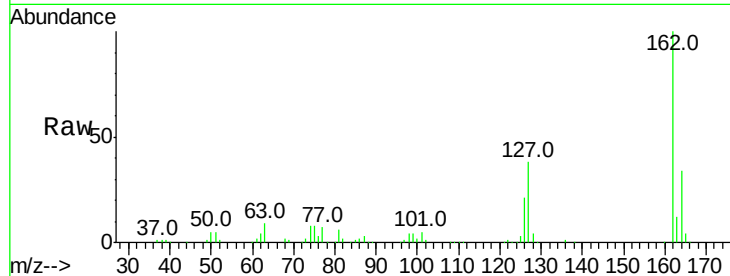




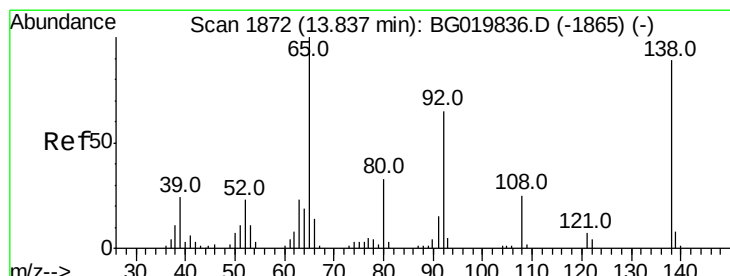
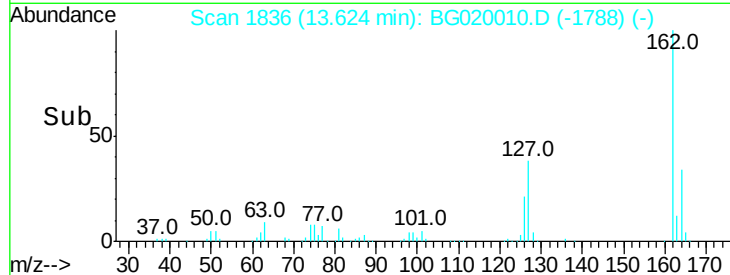
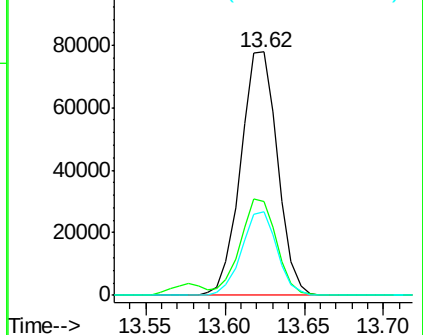
#46
 2-Chloronaphthalene
 Concen: 34.87 ng
 RT: 13.62 min Scan# 1836
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

Tot Ion:162 Resp: 125347
 Ion Ratio Lower Upper
 162 100
 127 38.4 28.3 42.5
 164 34.5 27.4 41.0

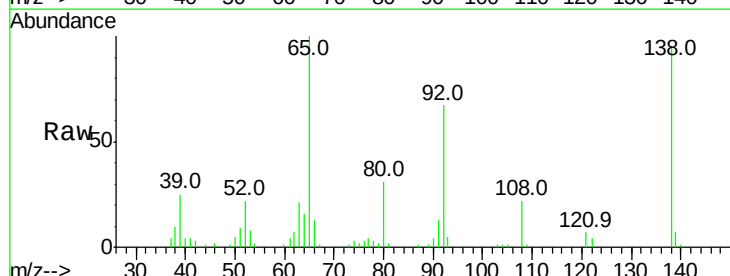


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

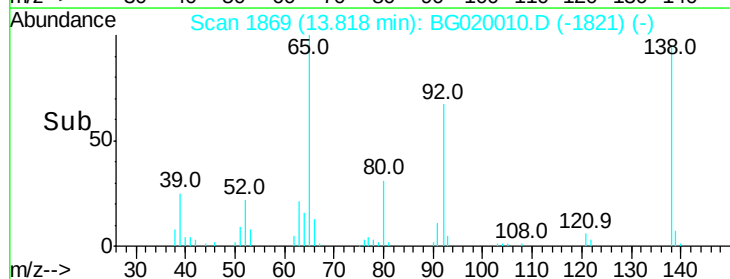
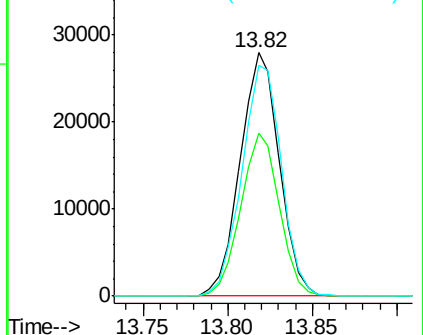


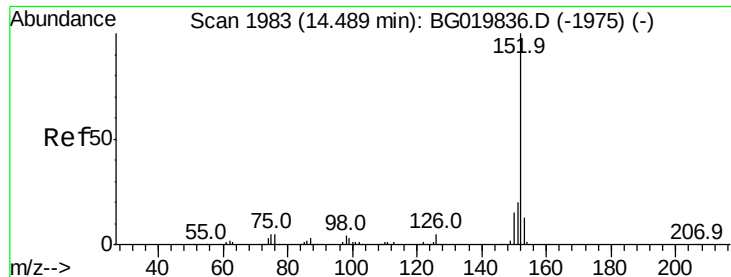
#47
 2-Nitroaniline
 Concen: 39.67 ng
 RT: 13.82 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

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



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





#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

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

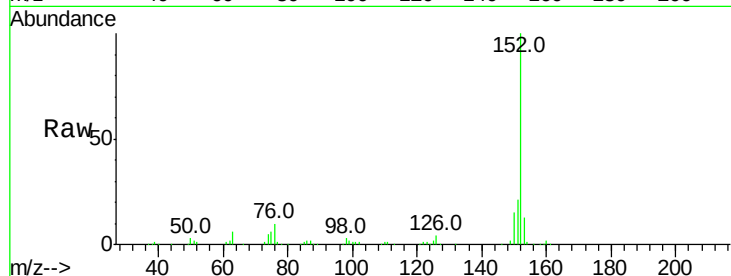
Tot Ion:152 Resp: 206772

Ion Ratio Lower Upper

152 100

151 21.1 17.0 25.4

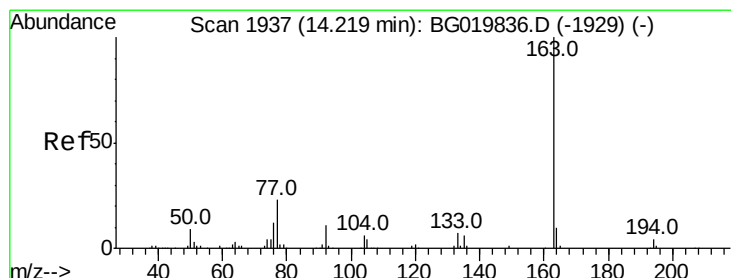
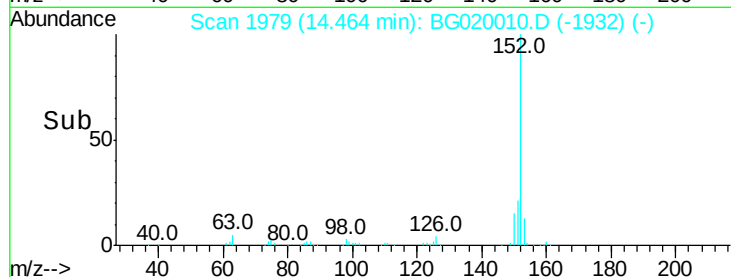
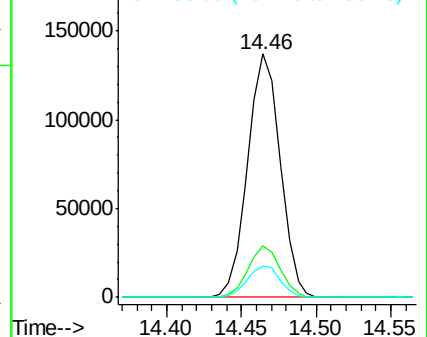
153 12.7 10.4 15.6



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



#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

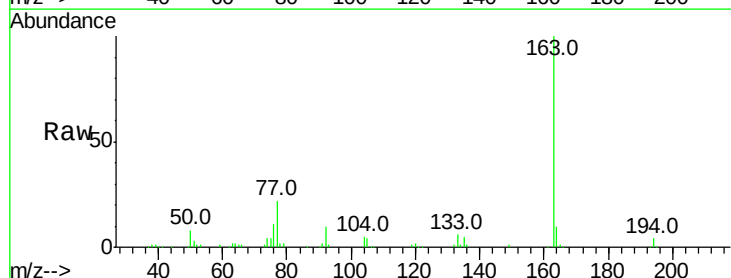
Tgt Ion:163 Resp: 163306

Ion Ratio Lower Upper

163 100

194 4.4 3.1 4.7

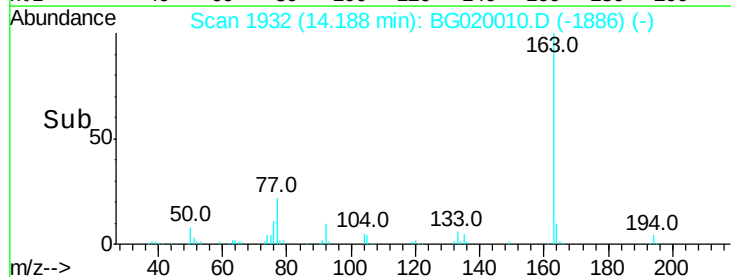
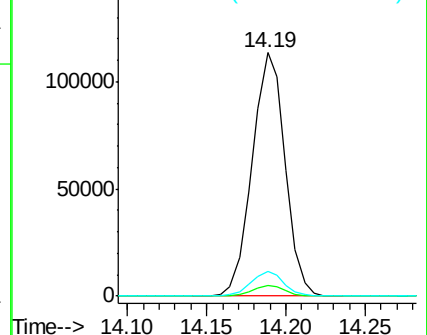
164 10.0 8.8 13.2

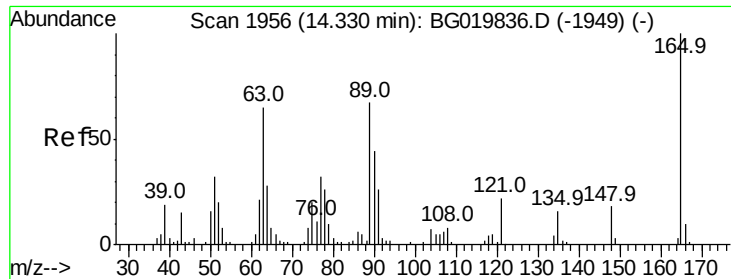


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

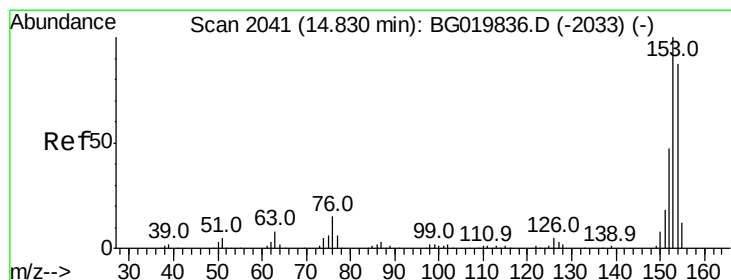
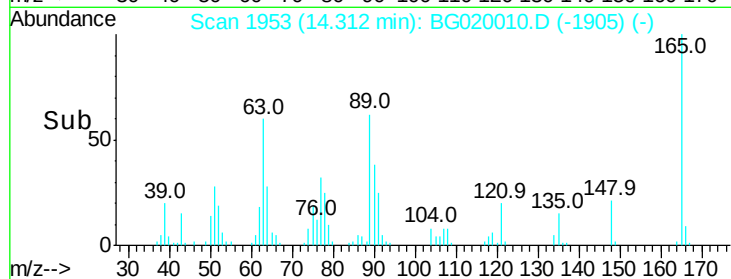
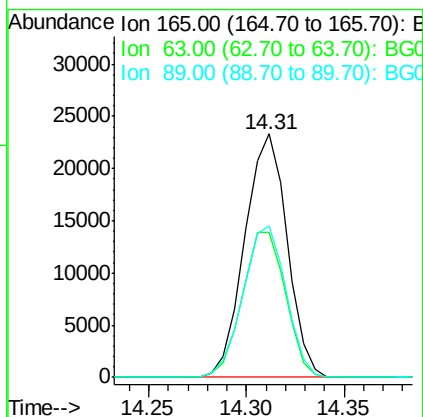
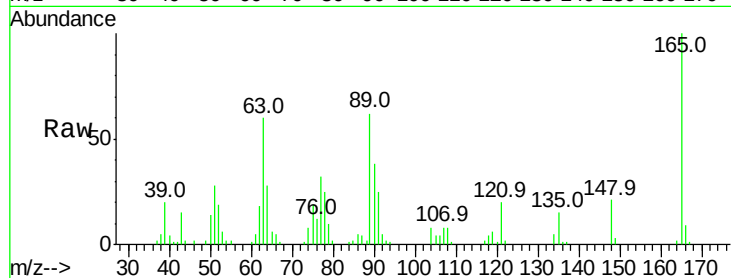




#50
2,6-Dinitrotoluene
Concen: 36.38 ng
RT: 14.31 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

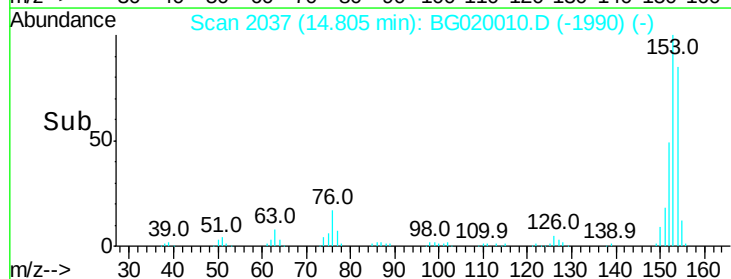
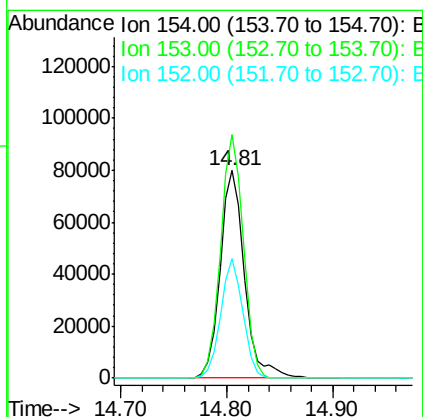
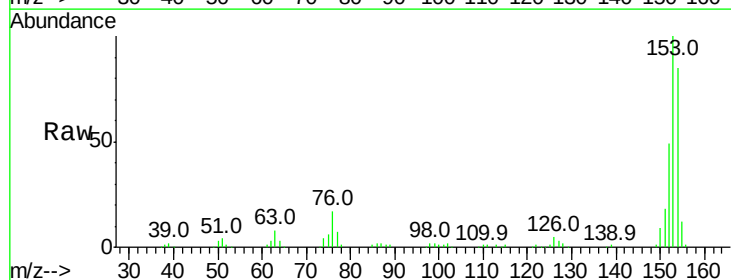
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

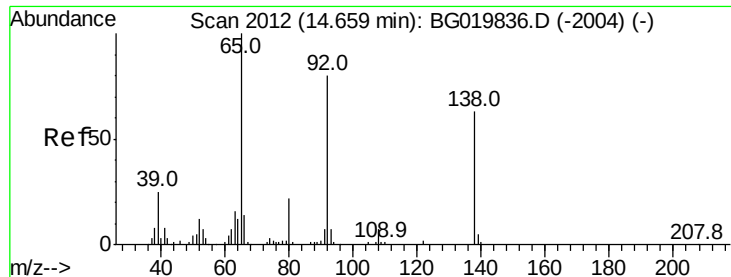
Tot Ion:165 Resp: 34964
Ion Ratio Lower Upper
165 100
63 59.6 35.7 53.5#
89 62.2 39.7 59.5#



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

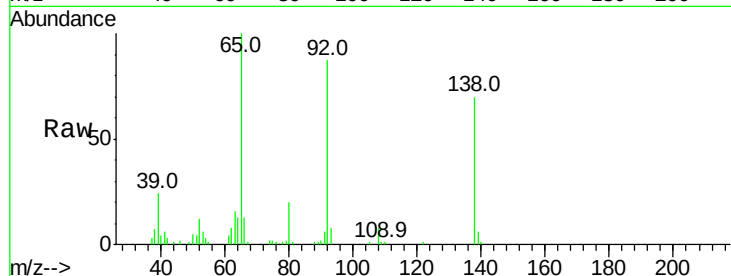
Tot Ion:138 Resp: 33473

Ion Ratio Lower Upper

138 100

108 11.7 7.9 11.9

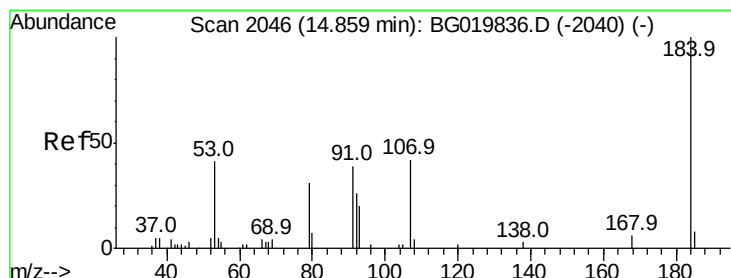
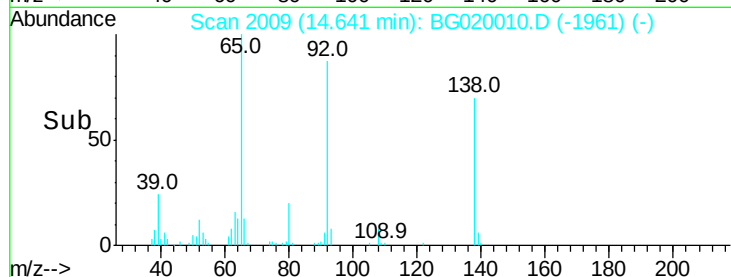
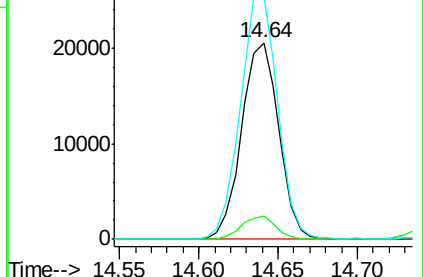
92 123.9 94.2 141.4



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): B



#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

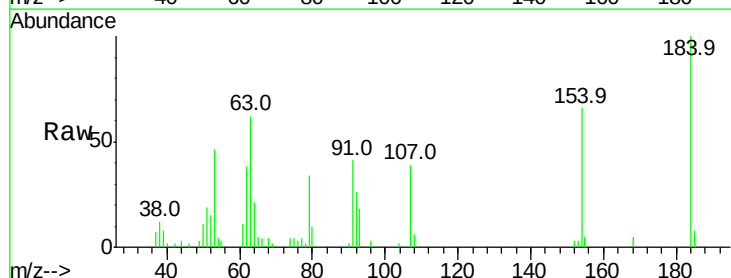
Tgt Ion:184 Resp: 13451

Ion Ratio Lower Upper

184 100

63 62.4 42.7 64.1

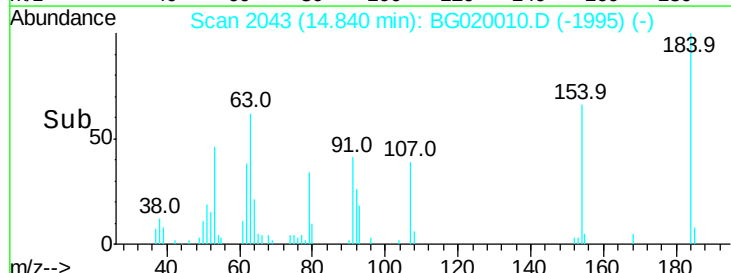
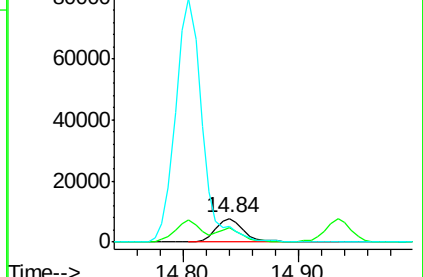
154 65.5 44.3 66.5

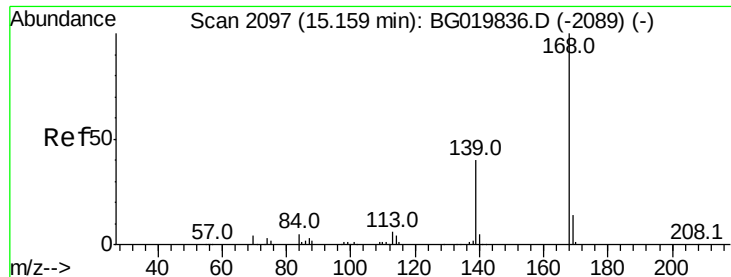


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): B

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

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

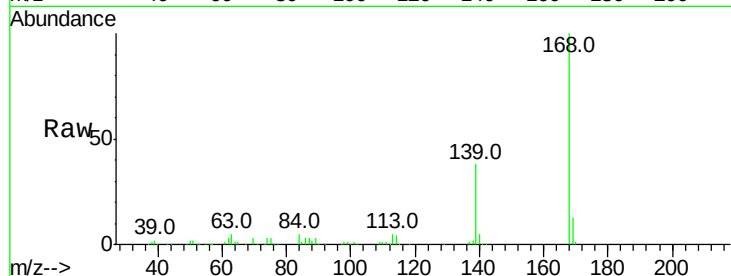
Tot Ion:168 Resp: 202013

Ion Ratio Lower Upper

168 100

139 37.7 27.4 41.0

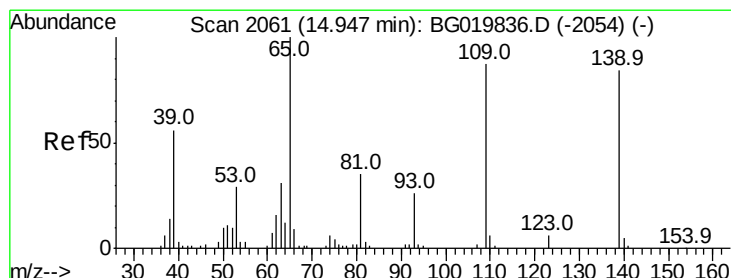
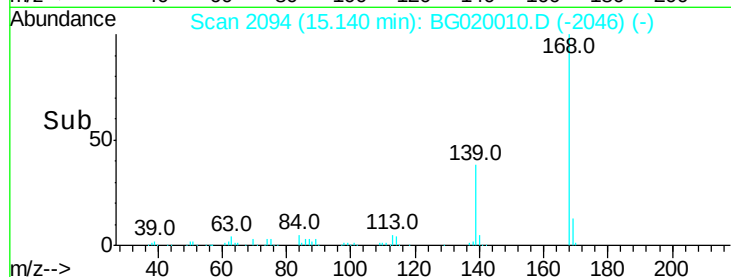
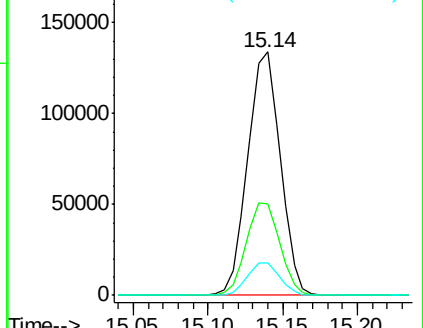
169 13.4 11.0 16.4



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

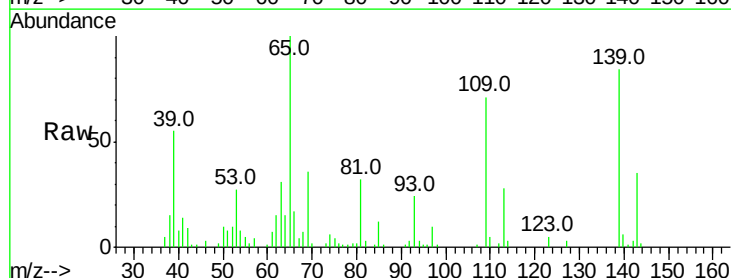
Tgt Ion:139 Resp: 31028

Ion Ratio Lower Upper

139 100

109 85.0 43.2 83.2#

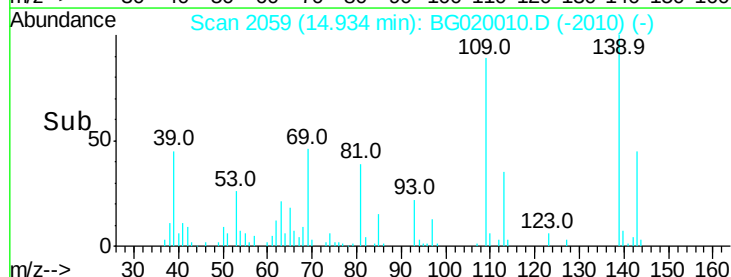
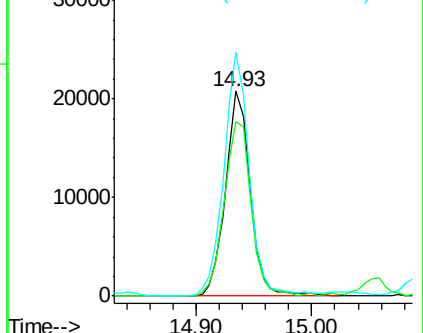
65 118.9 67.8 107.8#

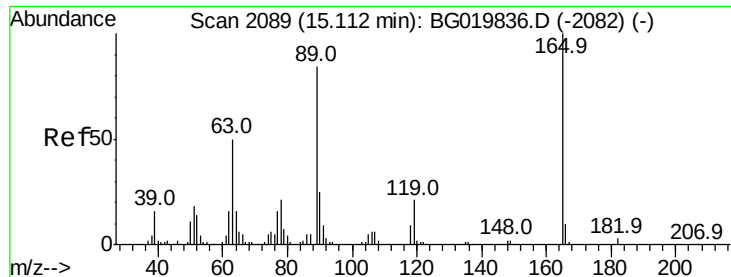


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

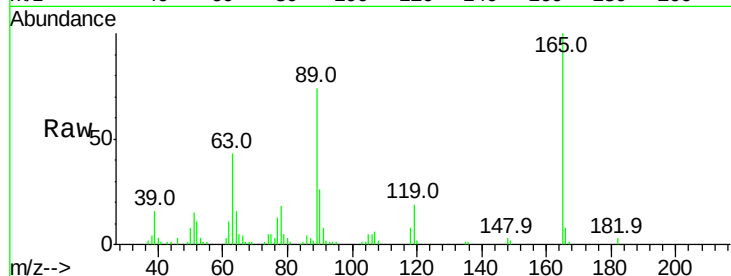




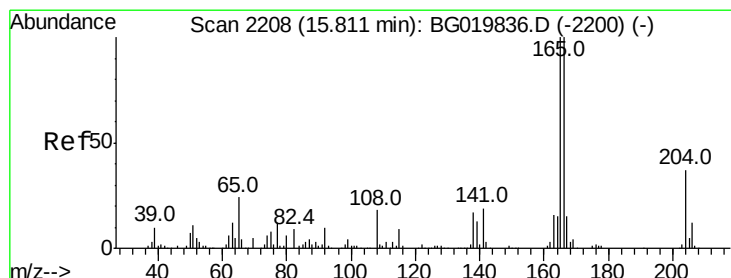
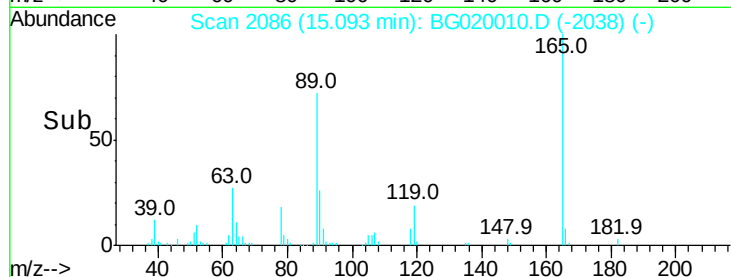
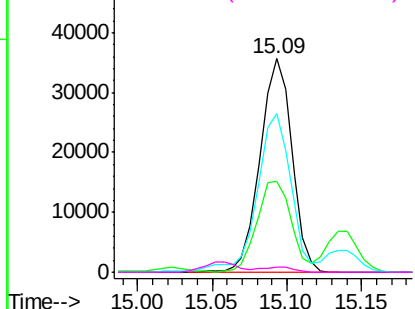
#56
2,4-Dinitrotoluene
Concen: 39.31 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

Tot 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#

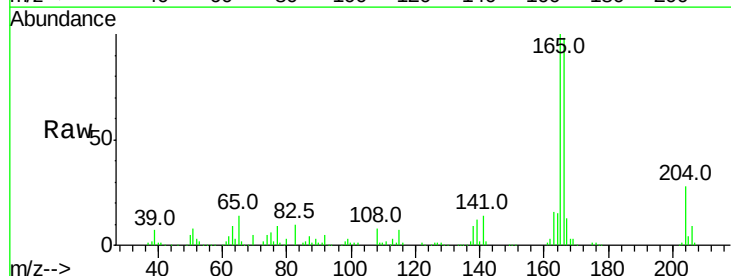


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

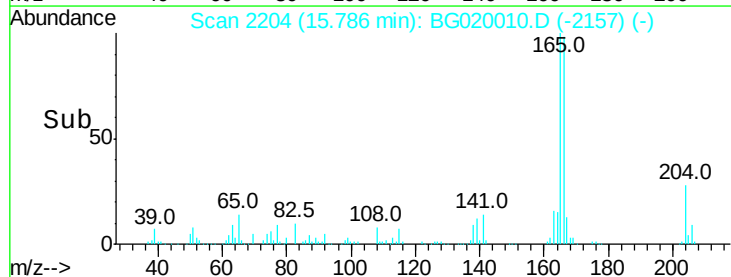
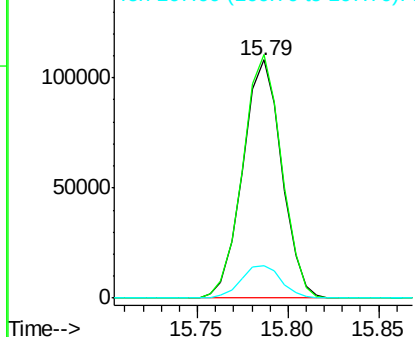


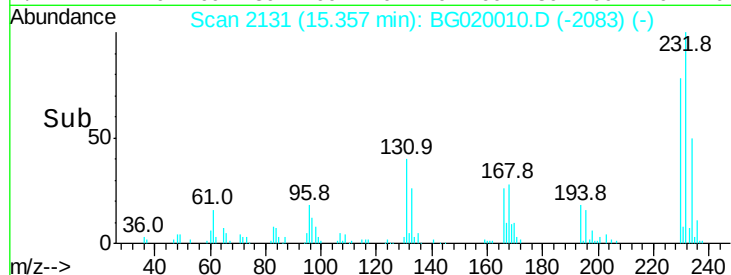
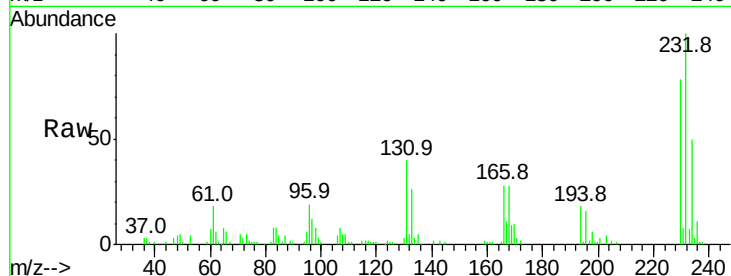
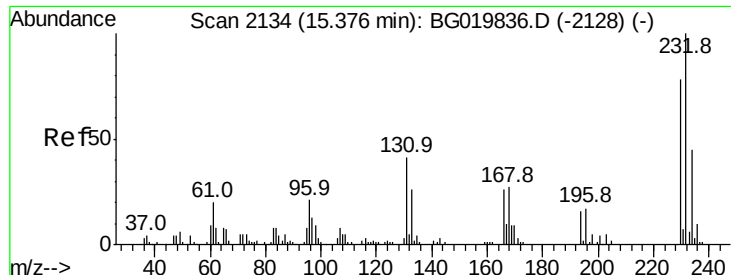
#57
Fluorene
Concen: 32.64 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Tgt Ion:166 Resp: 161502
Ion Ratio Lower Upper
166 100
165 102.3 80.0 120.0
167 13.5 11.1 16.7



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

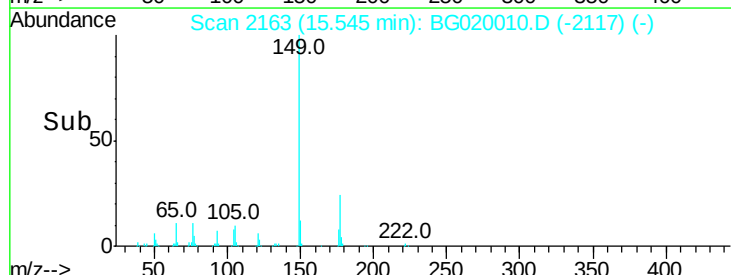
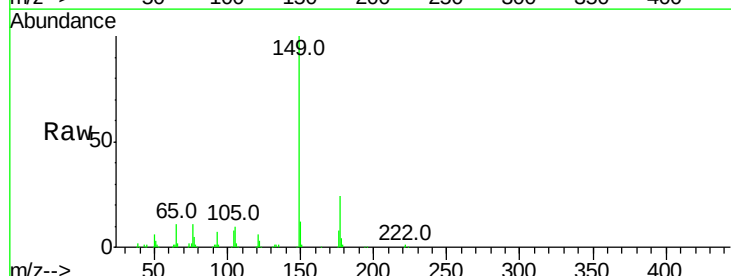
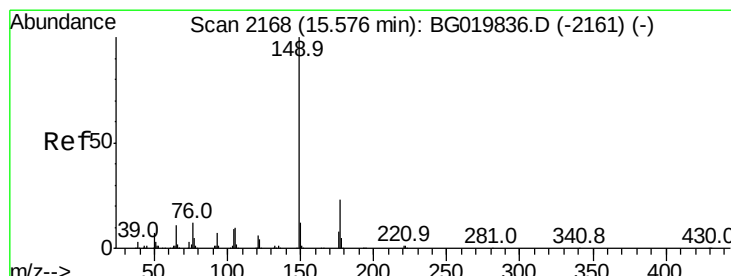
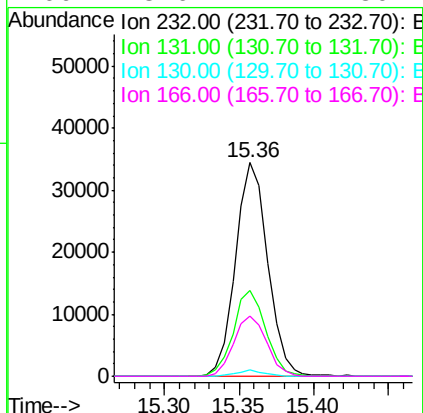




#58
2,3,4,6-Tetrachlorophenol
Concen: 37.12 ng
RT: 15.36 min Scan# 2131
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

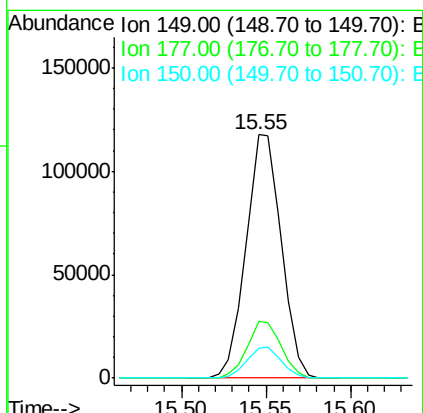
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

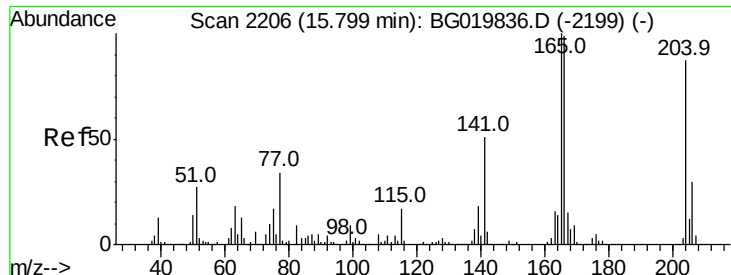
Tot Ion	Ratio	Lower	Upper
232	100		
131	40.2	33.0	49.6
130	2.4	2.0	3.0
166	28.6	24.1	36.1



#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

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

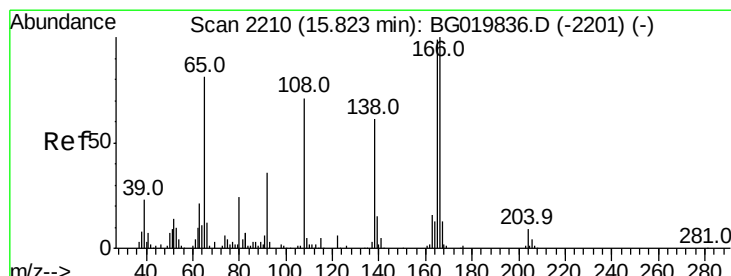
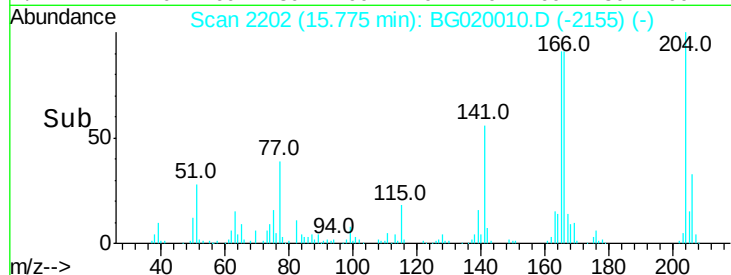
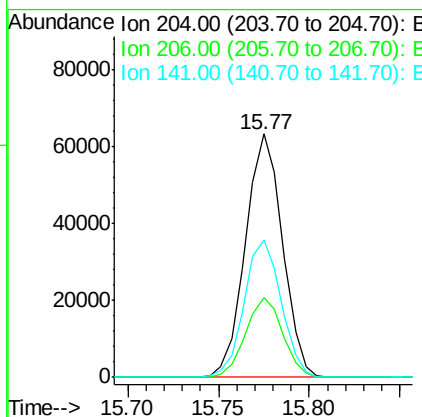
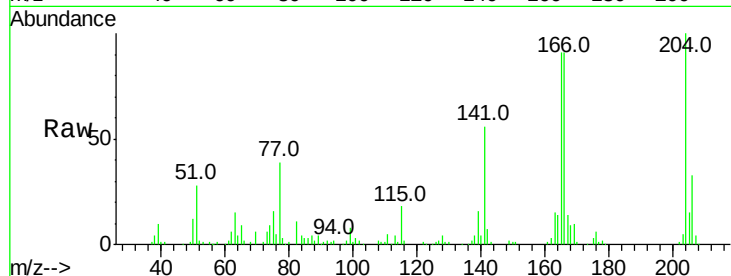




#60
 4-Chlorophenyl-phenylether
 Concen: 31.54 ng
 RT: 15.77 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

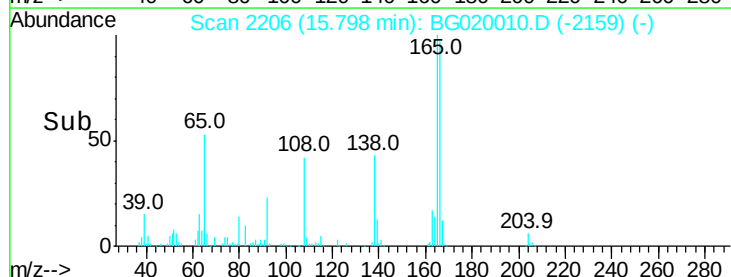
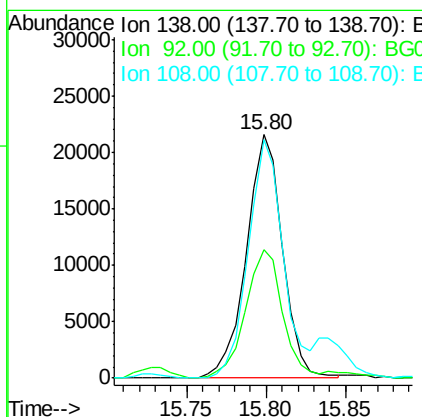
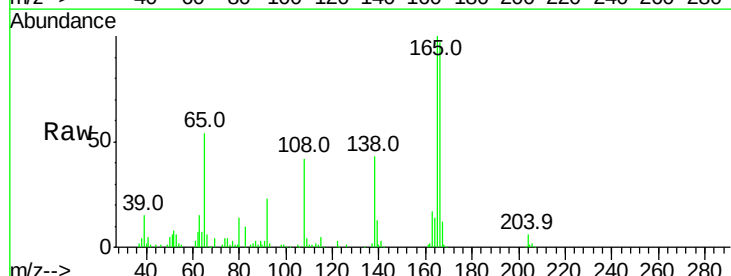
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

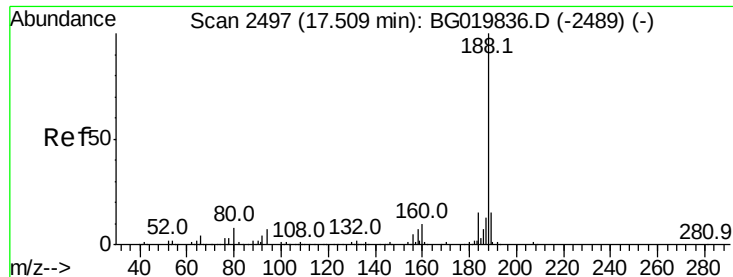
Tot Ion:	204	Resp:	89601
Ion	Ratio	Lower	Upper
204	100		
206	32.7	28.3	42.5
141	56.4	44.0	66.0



#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

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#





#63

Phenanthrene-d10

Concen: 20.00 ng/mL

RT: 17.48 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

Instrument :

BNA_G

ClientSampleId :

SP3516DL 5X

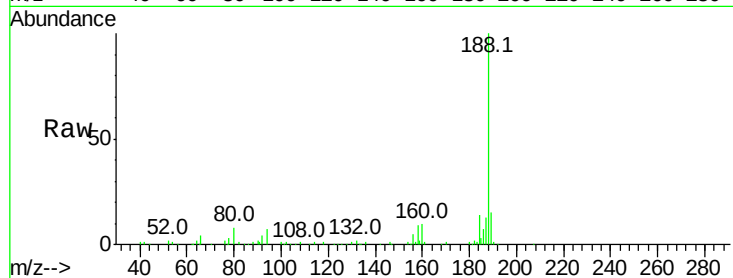
Tot Ion:188 Resp: 140381

Ion Ratio Lower Upper

188 100

94 6.9 7.7 11.5#

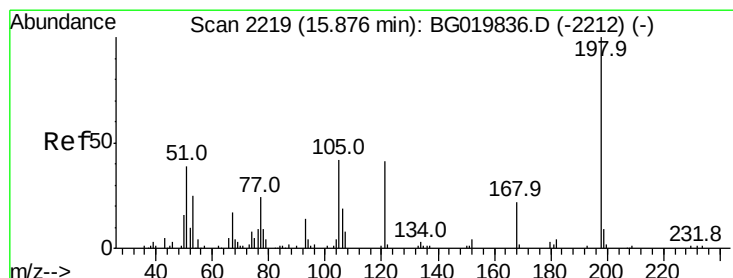
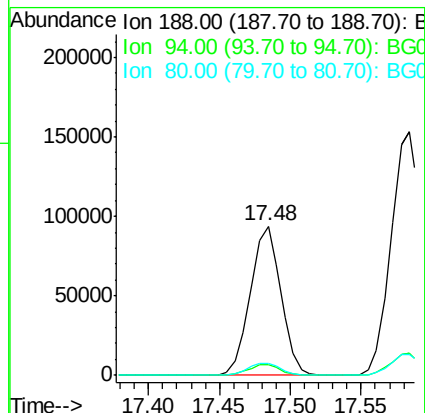
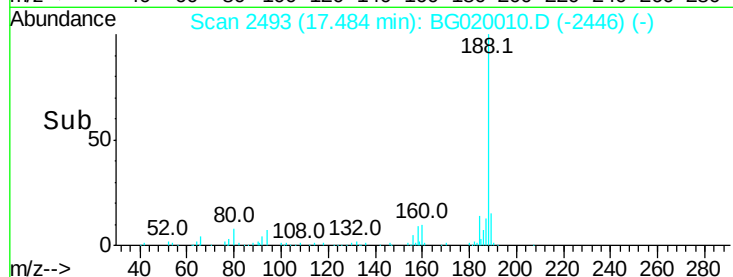
80 8.2 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 37.87 ng/mL

RT: 15.85 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

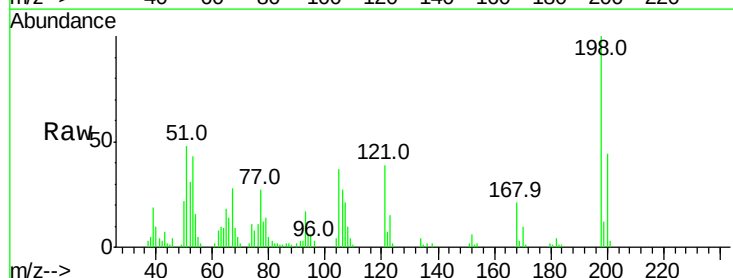
Tgt Ion:198 Resp: 28697

Ion Ratio Lower Upper

198 100

51 48.2 14.2 54.2

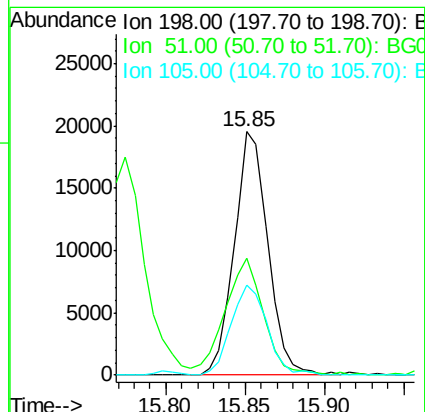
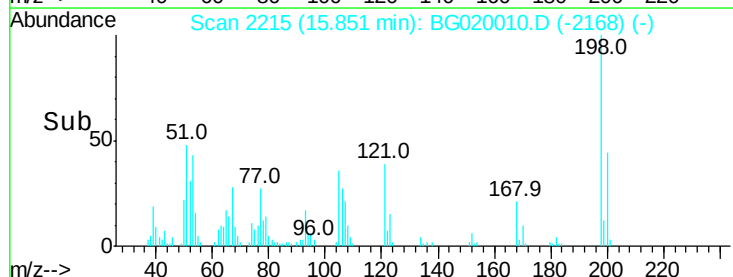
105 37.2 21.1 61.1

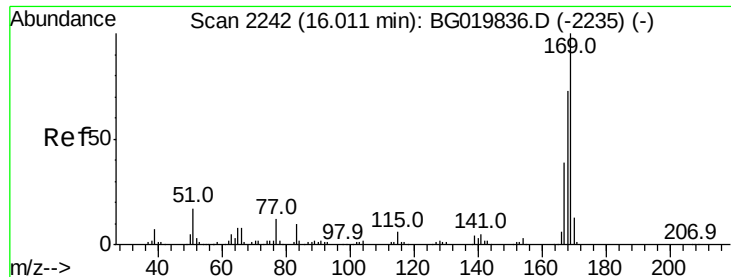


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

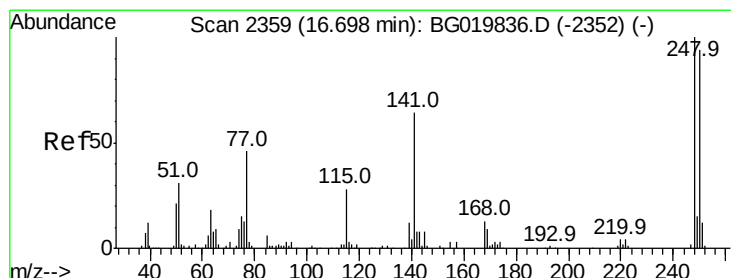
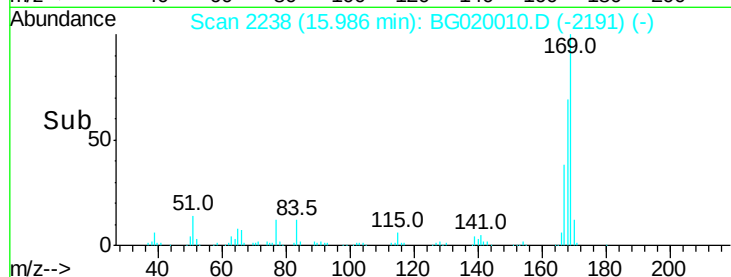
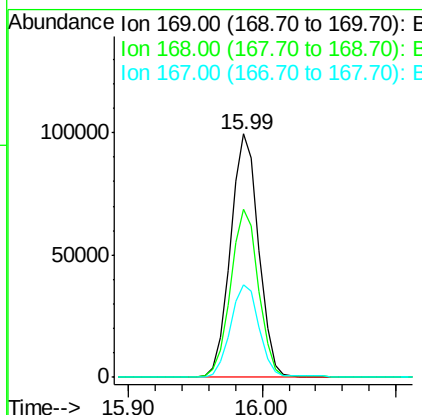
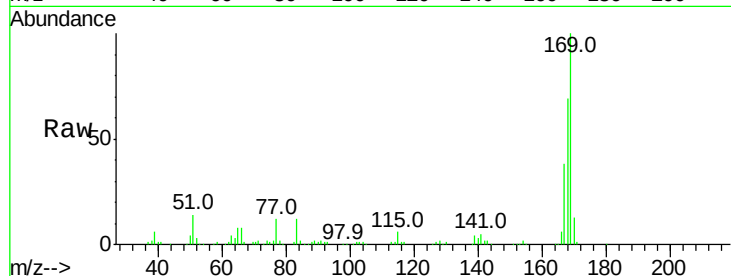




#65
 n-Nitrosodiphenylamine
 Concen: 35.88 ng
 RT: 15.99 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

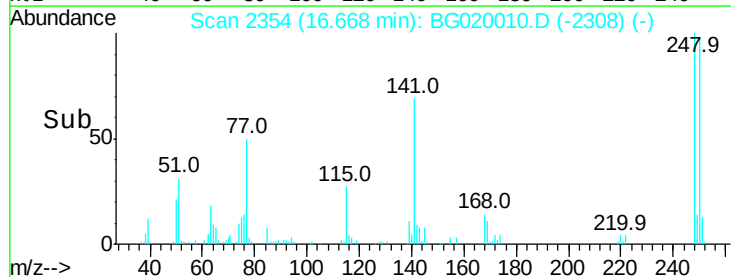
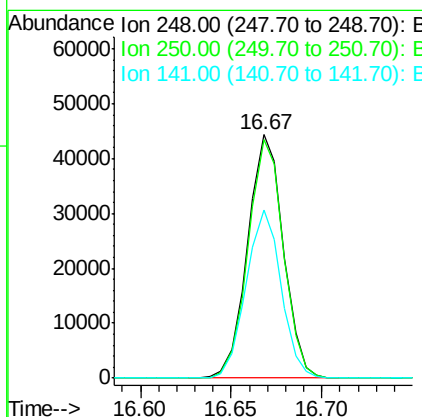
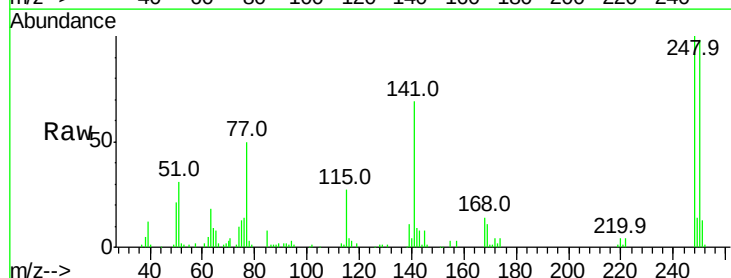
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

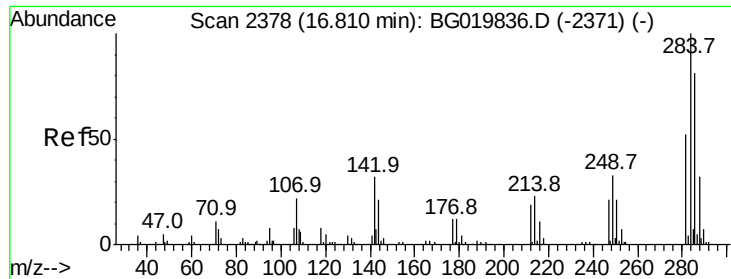
Tot Ion:169 Resp: 145758
 Ion Ratio Lower Upper
 169 100
 168 68.8 58.2 87.2
 167 38.3 32.7 49.1



#66
 4-Bromophenyl-phenylether
 Concen: 34.65 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

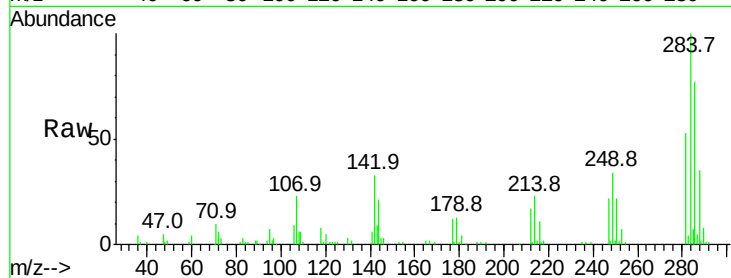




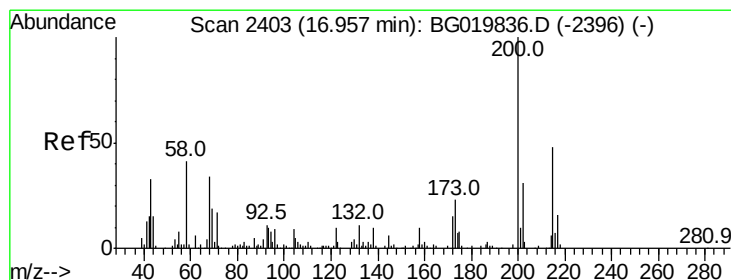
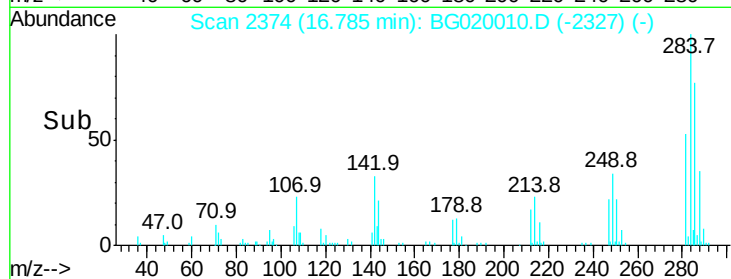
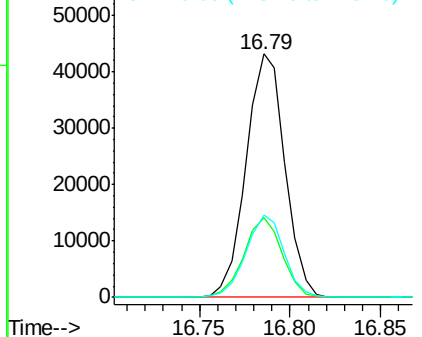
#67
Hexachlorobenzene
Concen: 35.47 ng
RT: 16.79 min Scan# 2374
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

Tot Ion:284 Resp: 64461
Ion Ratio Lower Upper
284 100
142 32.5 26.6 39.8
249 36.0 26.2 39.2

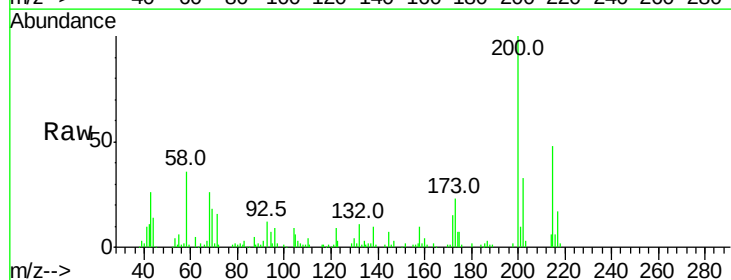


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

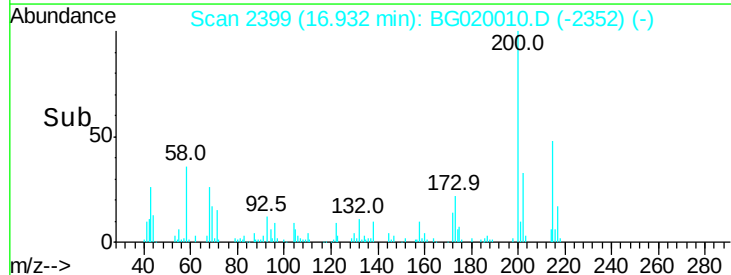
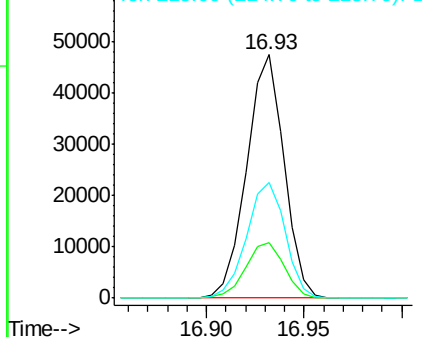


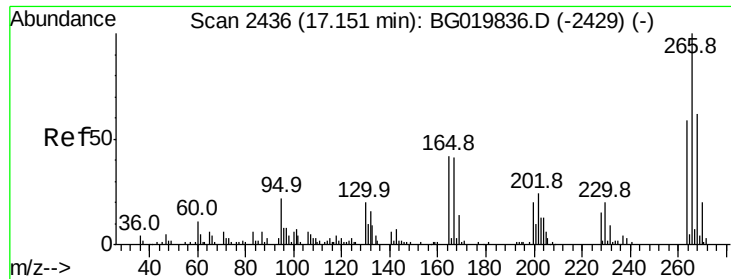
#68
Atrazine
Concen: 35.70 ng
RT: 16.93 min Scan# 2399
Delta R.T. -0.02 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

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: 36.91 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

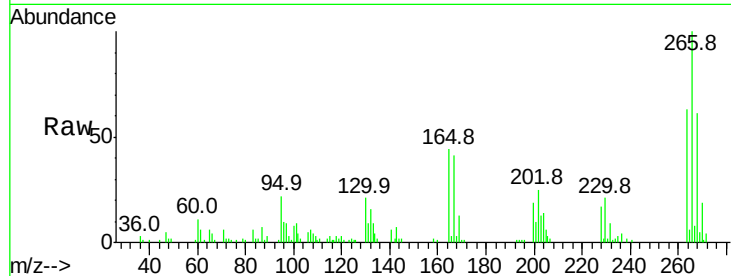
Tot Ion:266 Resp: 39145

Ion Ratio Lower Upper

266 100

268 60.6 47.6 71.4

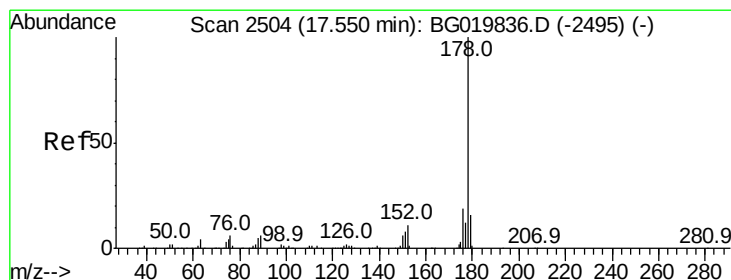
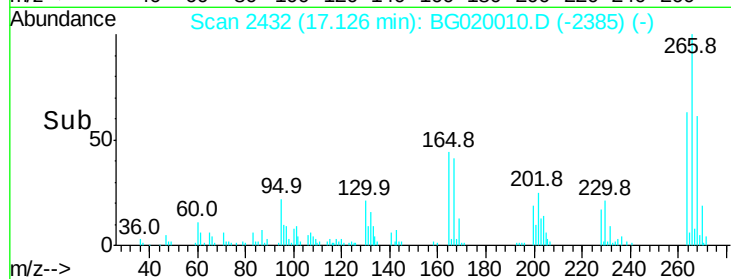
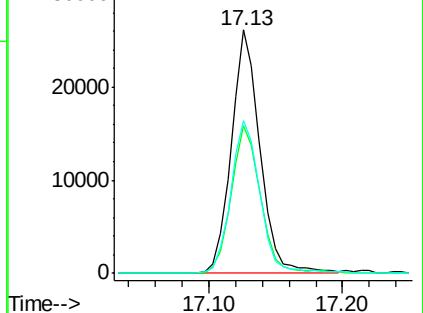
264 62.8 48.1 72.1



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: 35.50 ng m

RT: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG020010.D

Acq: 8 Dec 2015 9:55

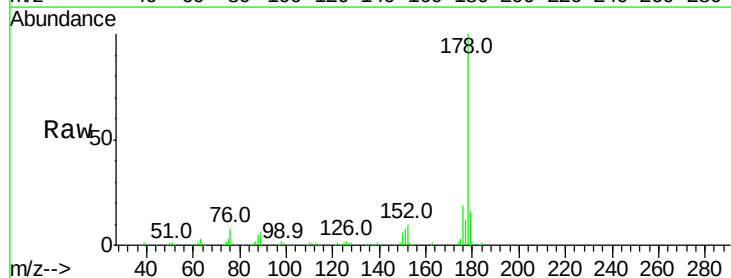
Tgt Ion:178 Resp: 281998

Ion Ratio Lower Upper

178 100

176 19.3 16.7 25.1

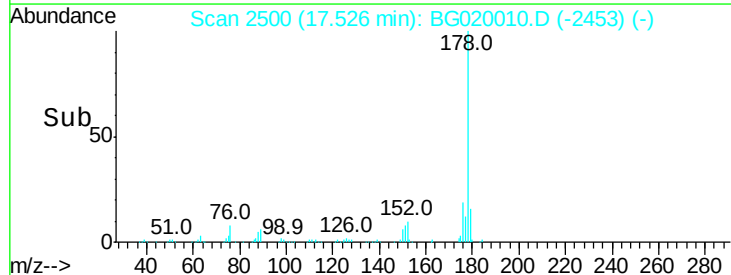
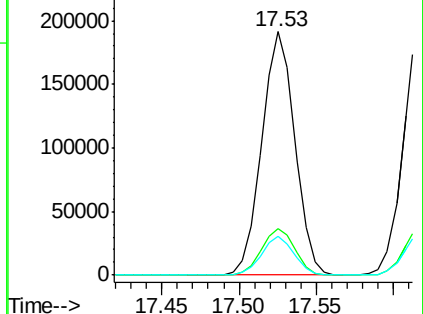
179 15.9 13.9 20.9

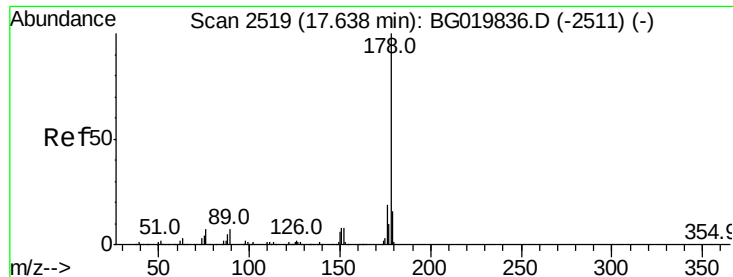


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

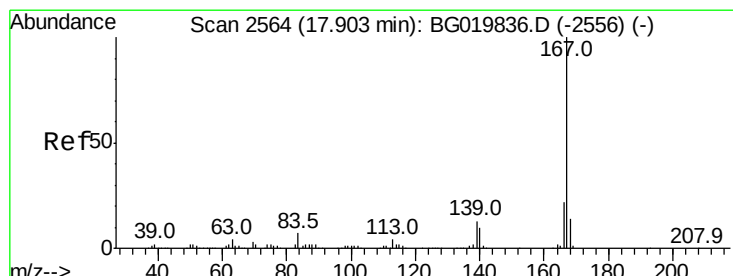
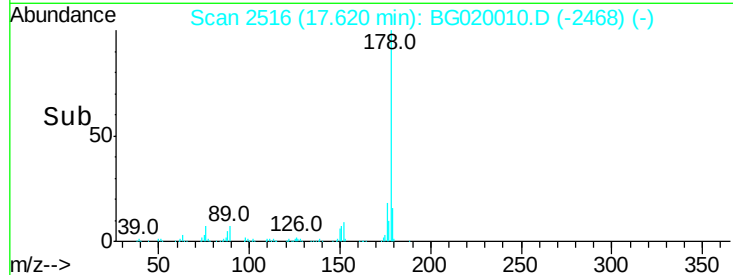
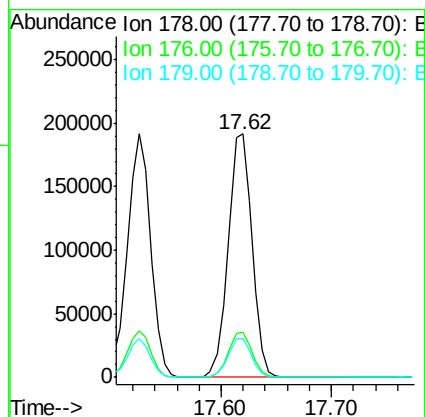
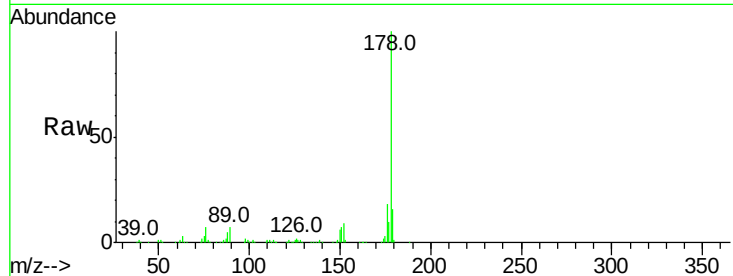




#71
 Anthracene
 Concen: 35.76 ng
 RT: 17.62 min Scan# 2516
 Delta R.T. -0.02 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

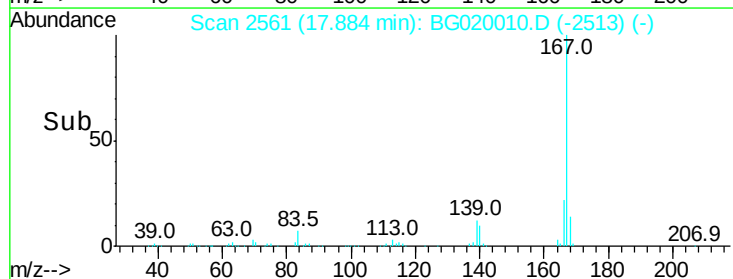
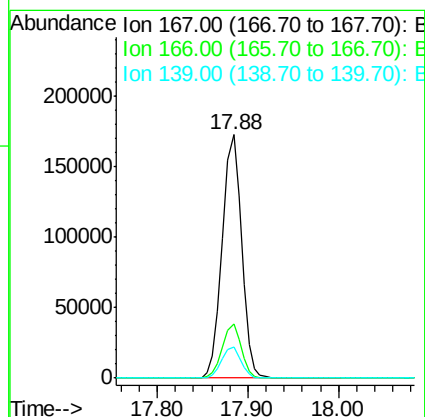
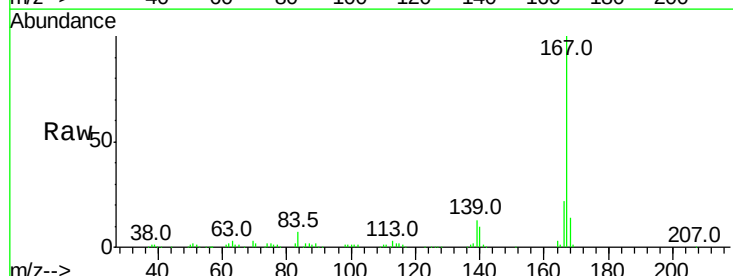
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

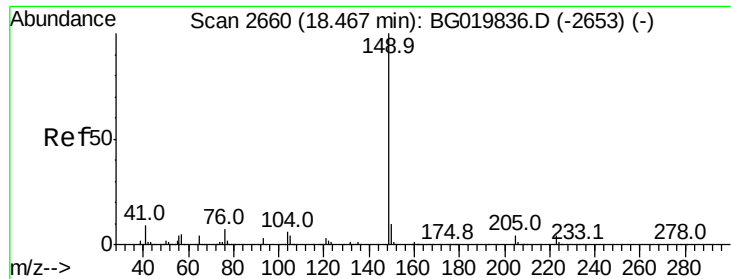
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	16.8	25.2
179	15.9	13.9	20.9



#72
 Carbazole
 Concen: 36.04 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

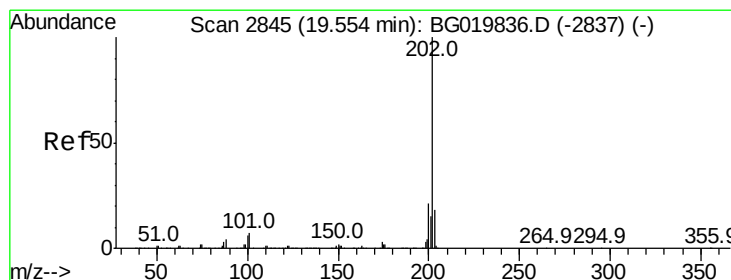
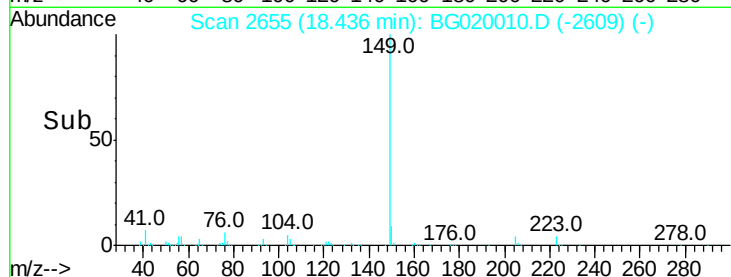
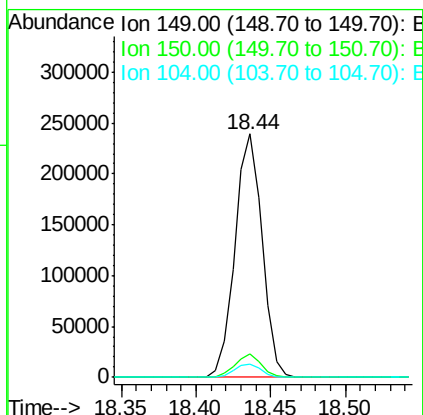
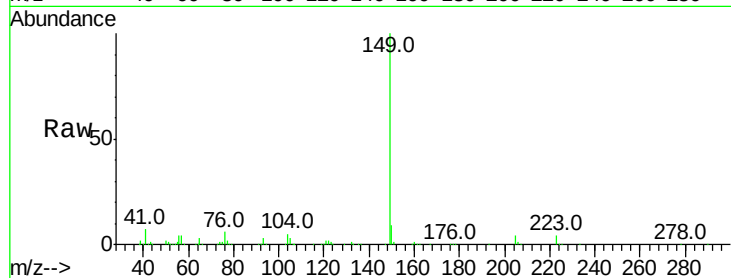




#73
Di-n-butylphthalate
Concen: 34.75 ng
RT: 18.44 min Scan# 2655
Delta R.T. -0.03 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

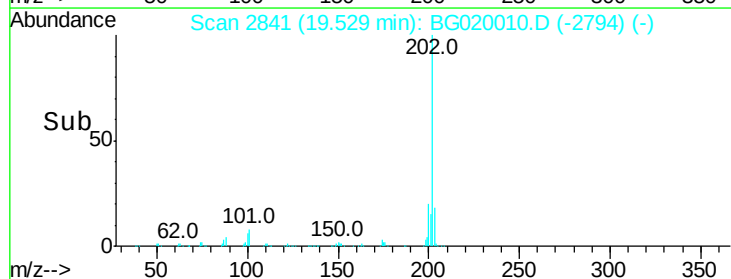
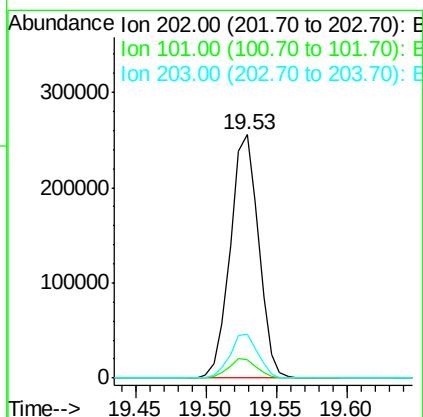
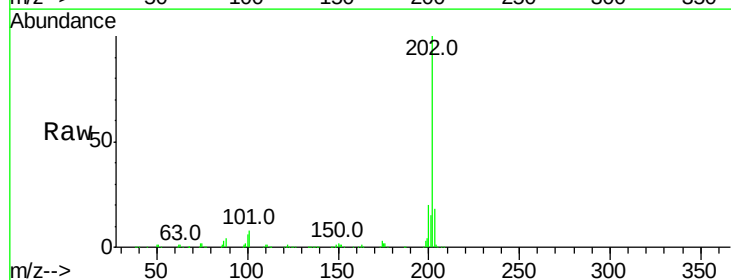
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

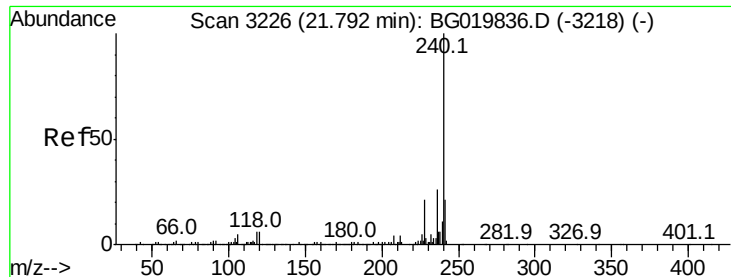
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.2	12.4
104	5.4	4.4	6.6



#74
Fluoranthene
Concen: 35.15 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

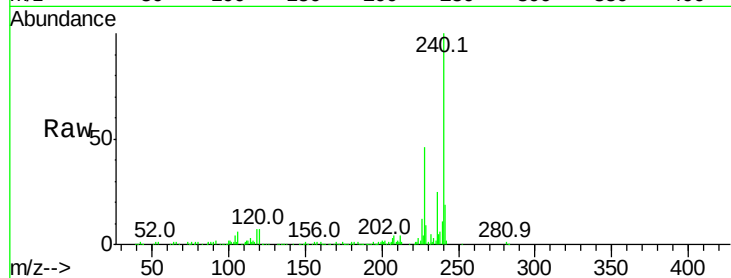
Tot Ion:240 Resp: 172230

Ion Ratio Lower Upper

240 100

120 7.4 7.4 11.0#

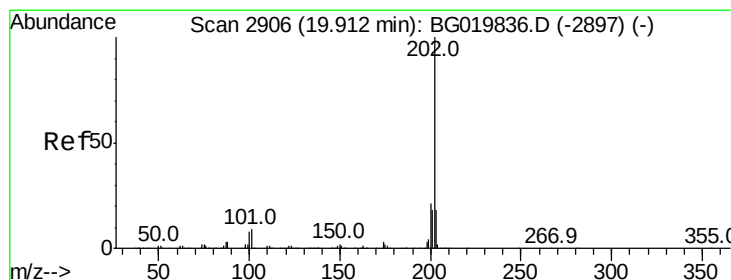
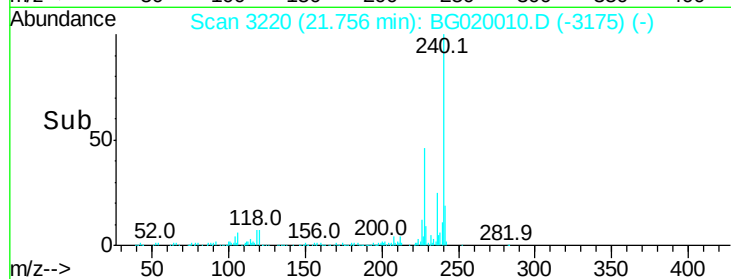
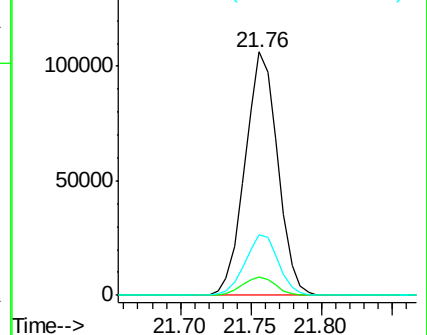
236 24.9 20.7 31.1



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

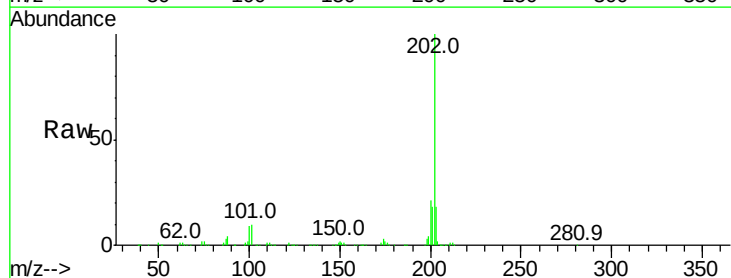
Tgt Ion:202 Resp: 362539

Ion Ratio Lower Upper

202 100

200 20.7 19.4 29.0

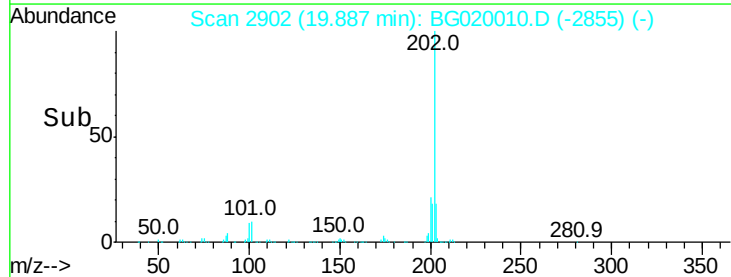
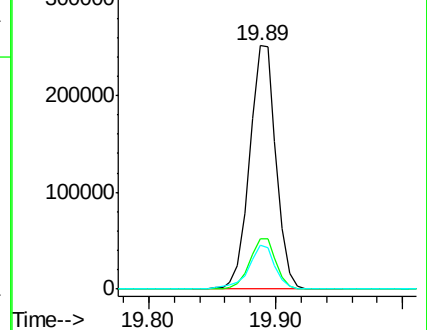
203 18.3 15.5 23.3

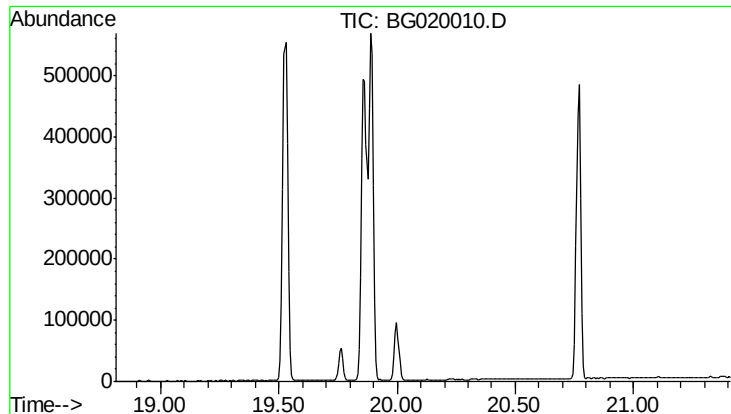


Abundance Ion 202.00 (201.70 to 202.70): E

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

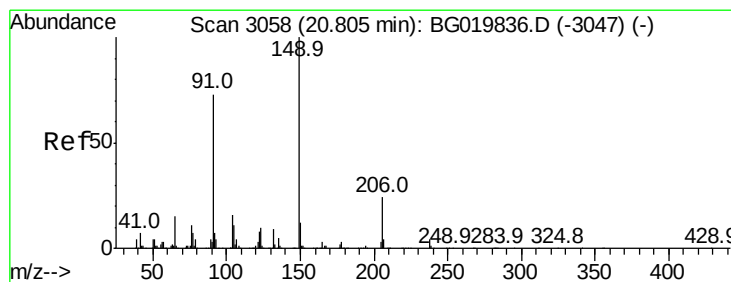
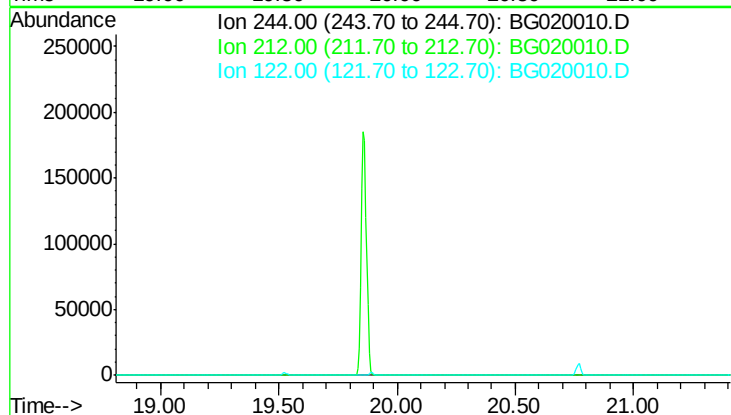
Tot Ion: 244

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

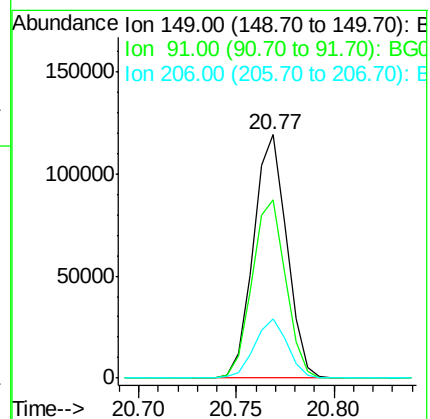
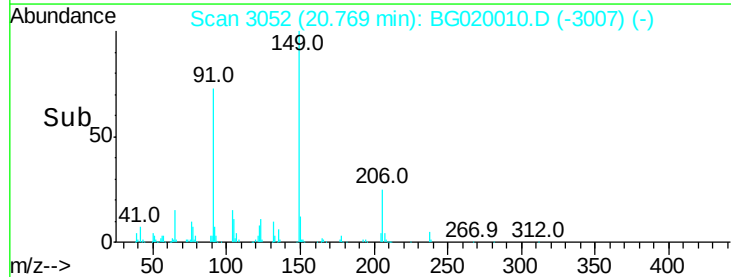
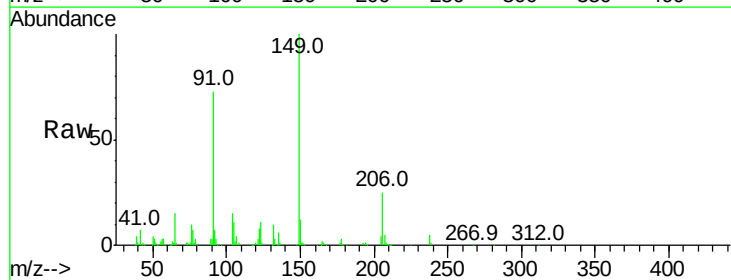
Tgt Ion:149 Resp: 140763

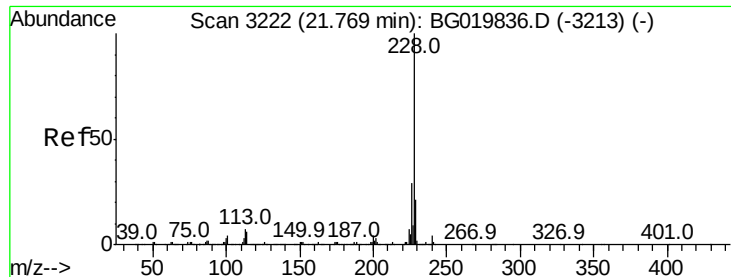
Ion Ratio Lower Upper

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

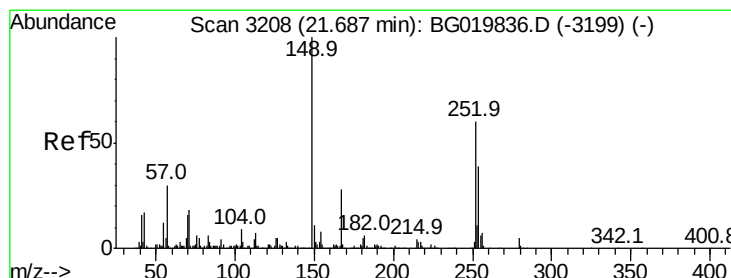
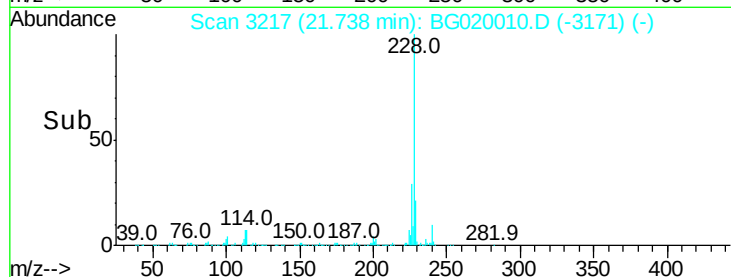
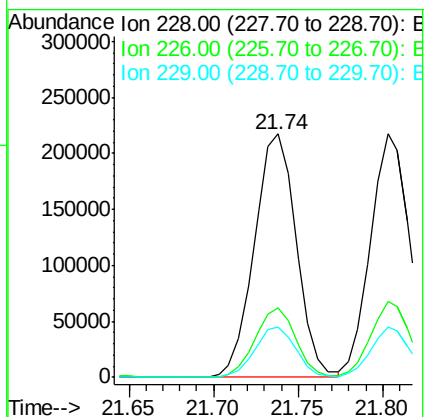
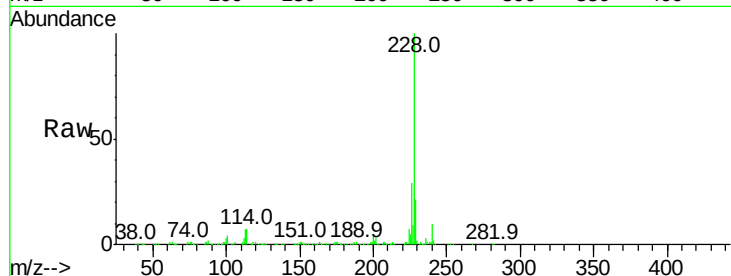
Tot Ion:228 Resp: 375771

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	20.6	16.6	25.0

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

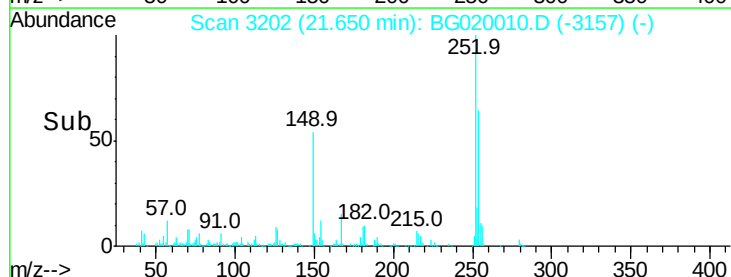
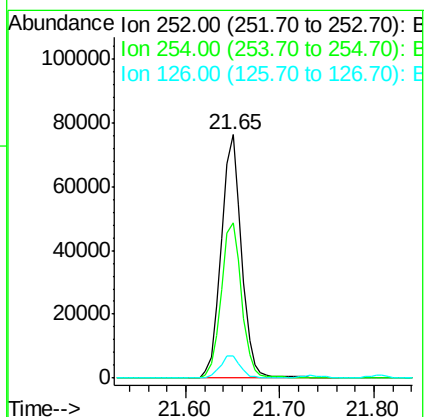
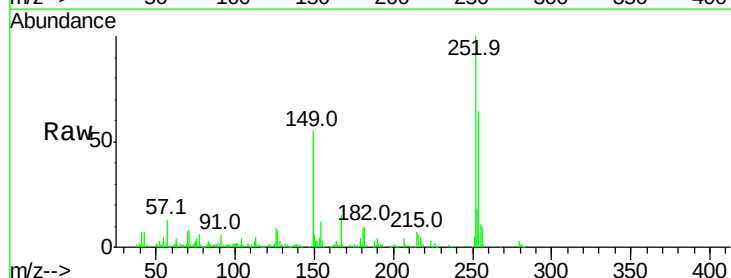
Tgt Ion:252 Resp: 114865

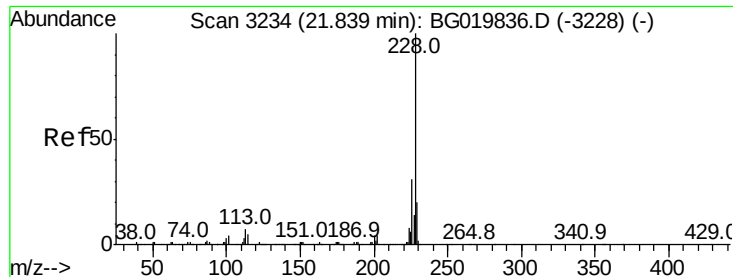
Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.5	78.7
126	9.3	8.5	12.7

252 100

254 63.8 52.5 78.7

126 9.3 8.5 12.7

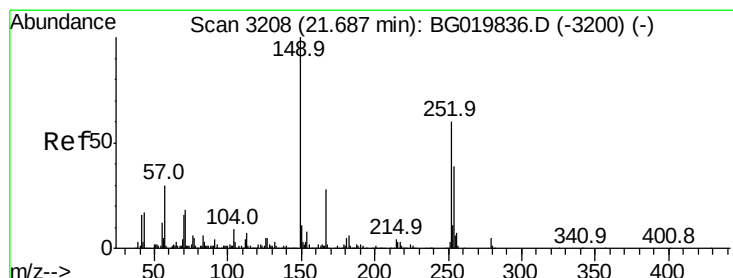
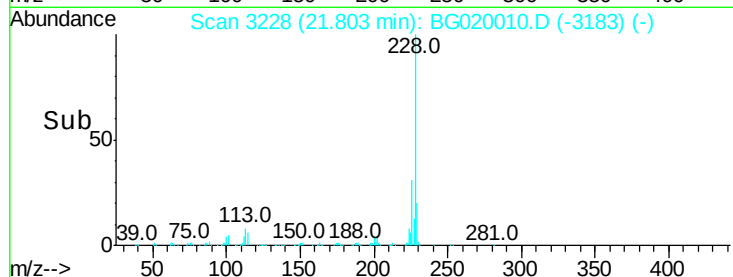
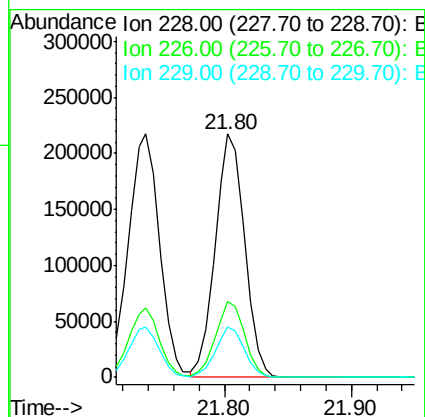
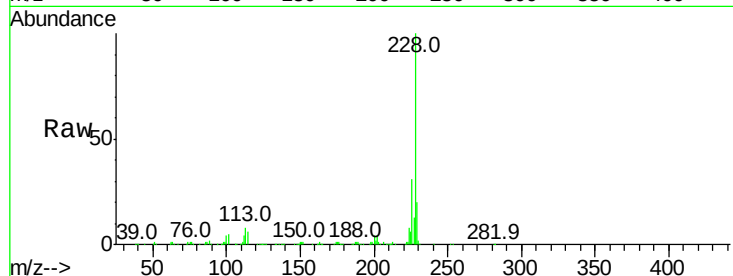




#82
 Chrysene
 Concen: 34.97 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.04 min
 Lab File: BG020010.D
 Acq: 8 Dec 2015 9:55

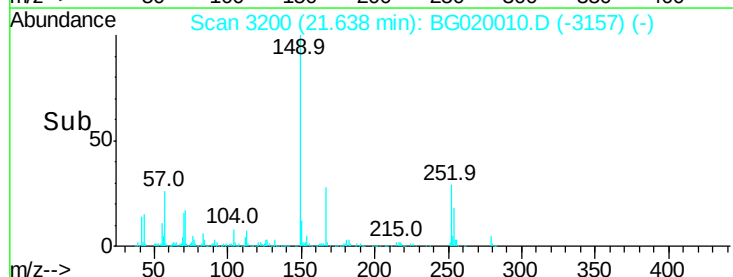
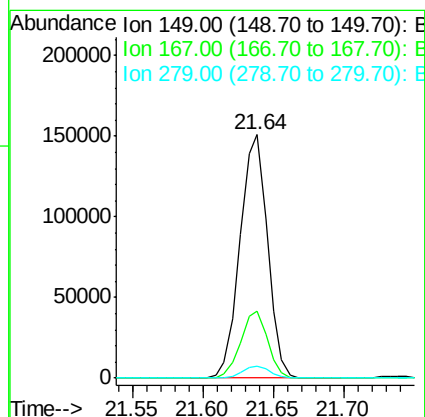
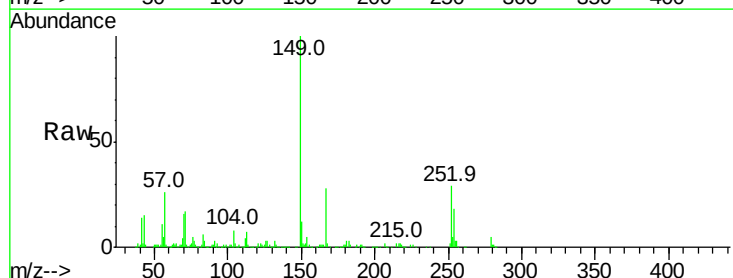
Instrument :
 BNA_G
 ClientSampleId :
 SP3516DL 5X

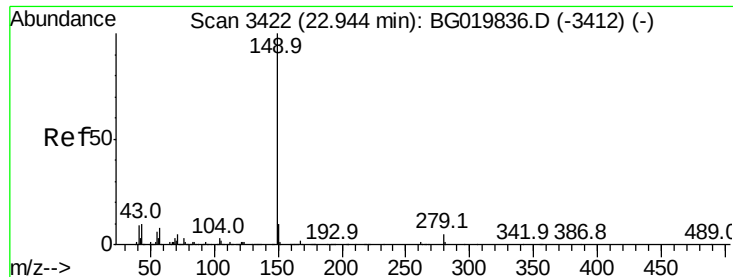
Tot Ion:228	Resp:	350025
Ion	Ratio	Lower Upper
228	100	
226	31.2	26.7 40.1
229	20.4	17.0 25.6



#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

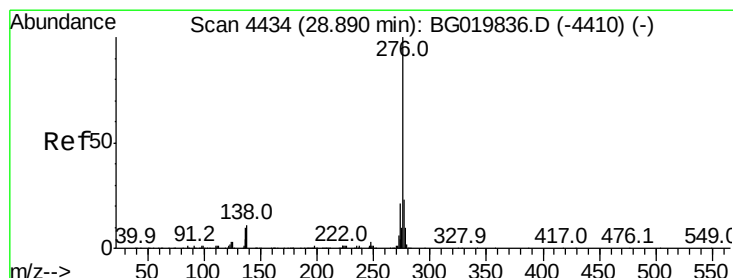
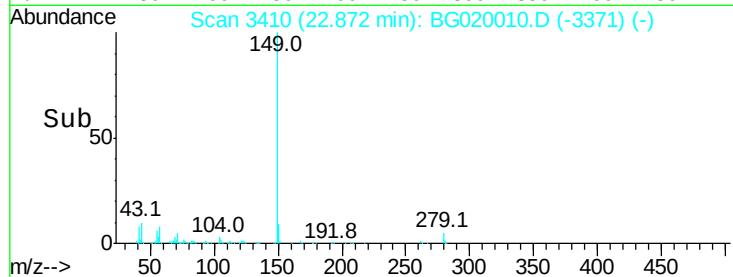
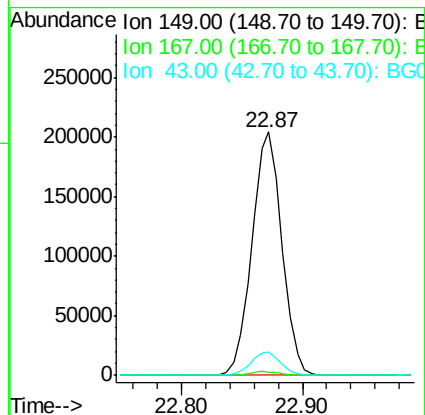
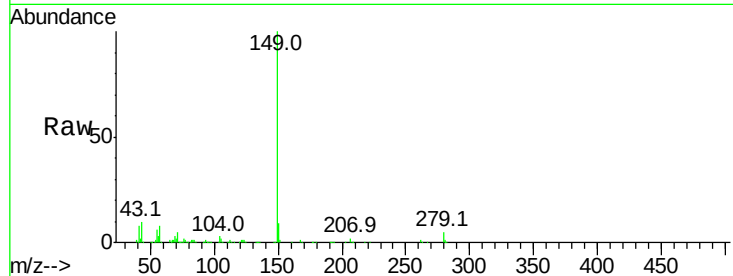




#84
Di-n-octyl phthalate
Concen: 37.11 ng
RT: 22.87 min Scan# 3410
Delta R.T. -0.07 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

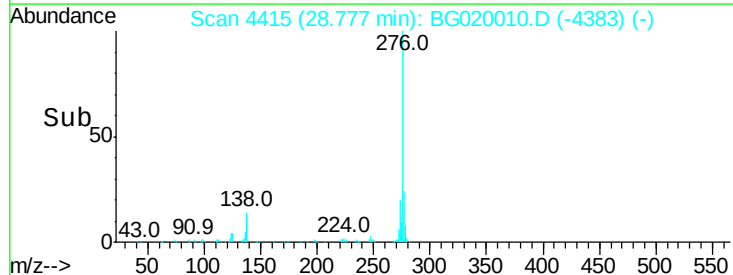
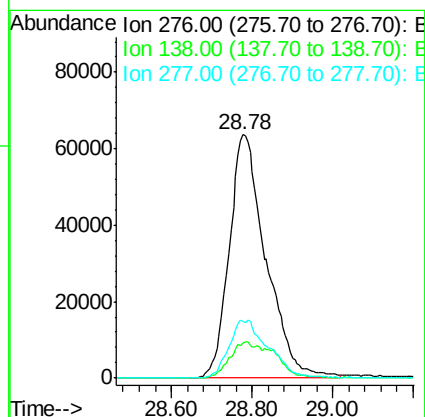
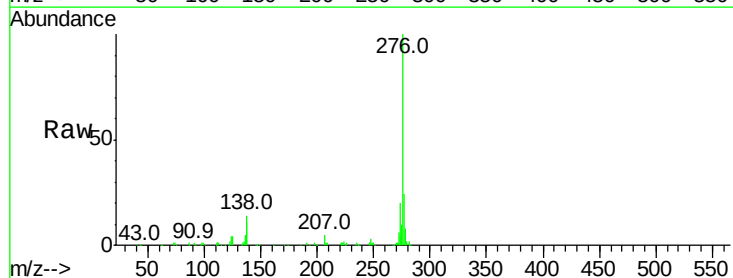
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

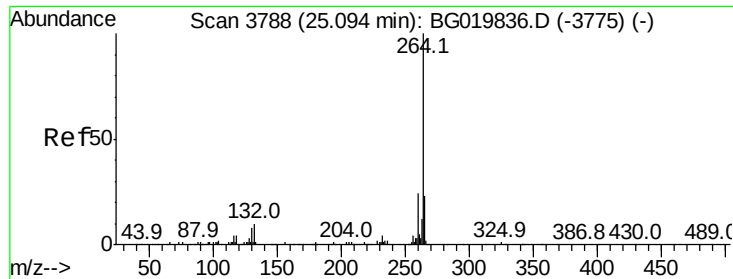
Tot Ion:149 Resp: 351687
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.5 5.9 8.9#



#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#

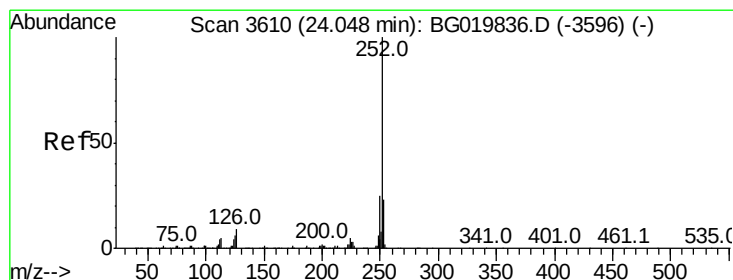
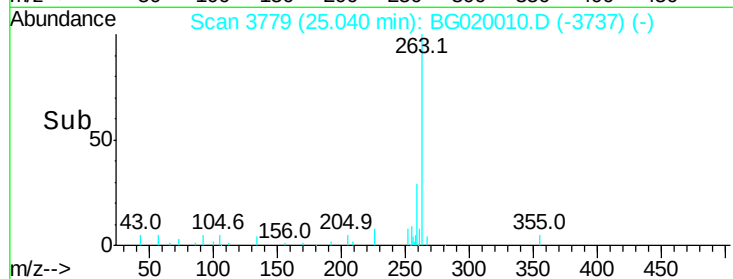
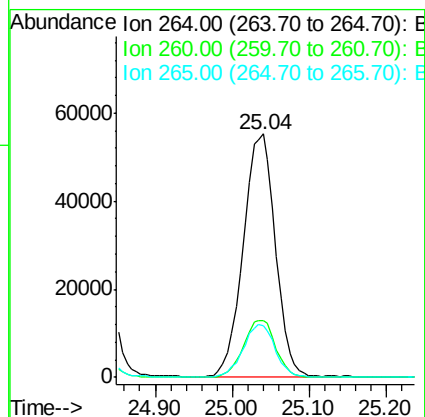
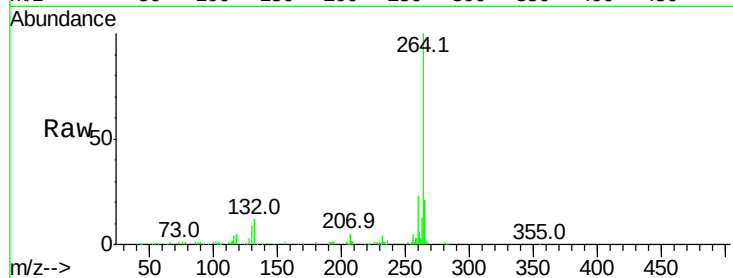




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3779
Delta R.T. -0.05 min
Lab File: BG020010.D
Acq: 8 Dec 2015 9:55

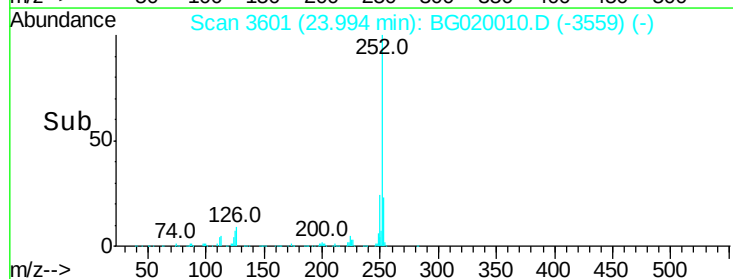
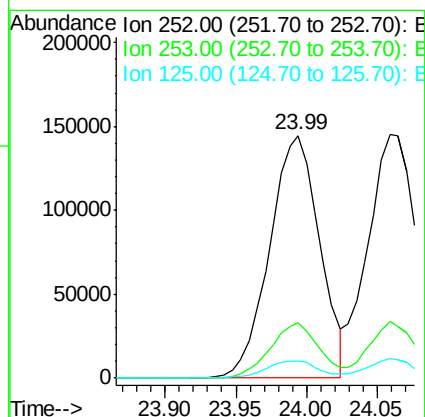
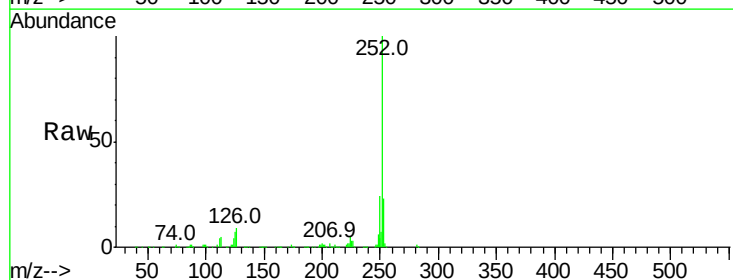
Instrument :
BNA_G
ClientSampleId :
SP3516DL 5X

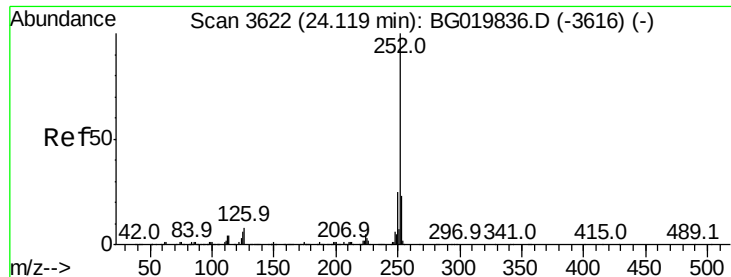
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.3	17.2	25.8



#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

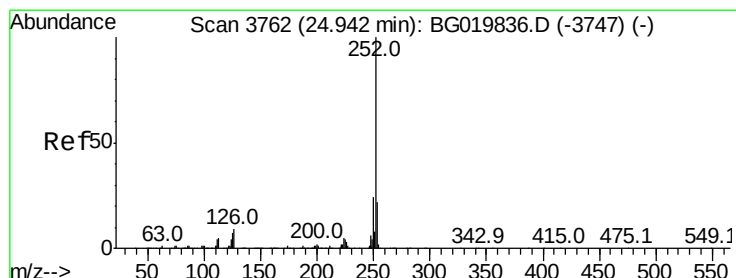
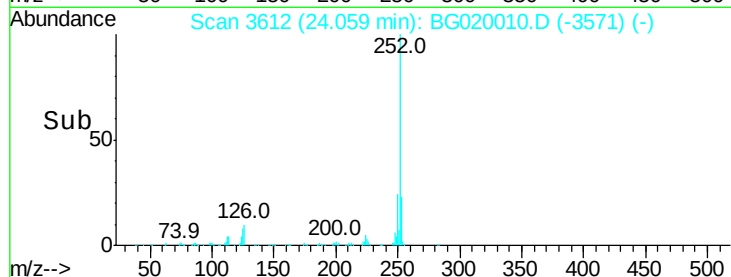
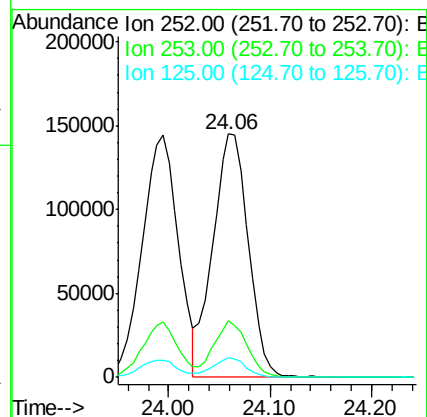
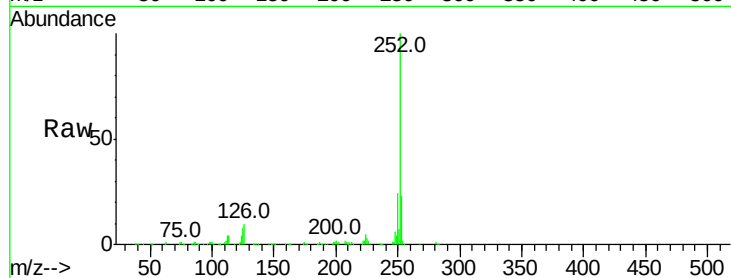
Tot Ion:252 Resp: 349328

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

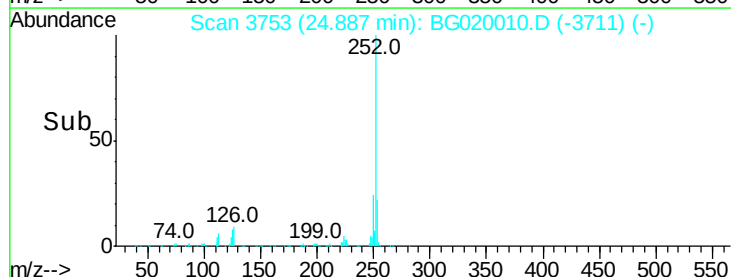
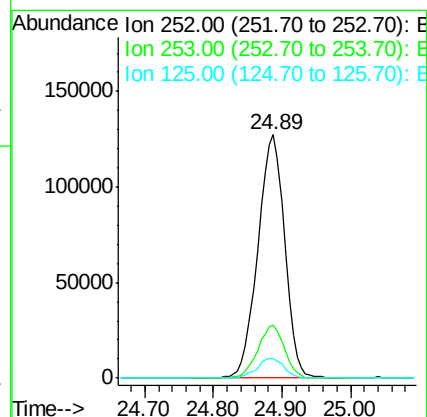
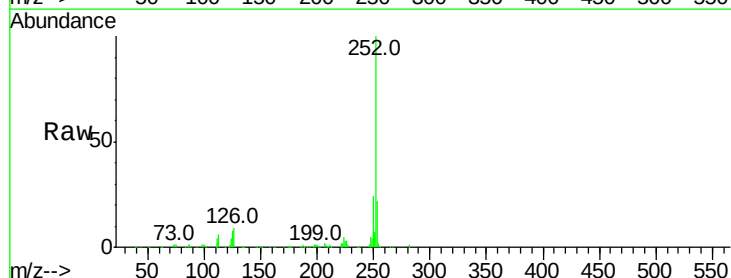
Tgt Ion:252 Resp: 347355

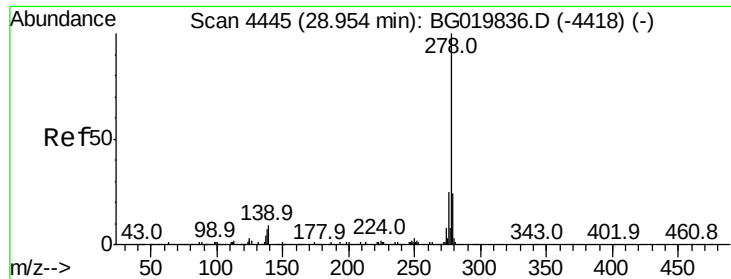
Ion Ratio Lower Upper

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 :

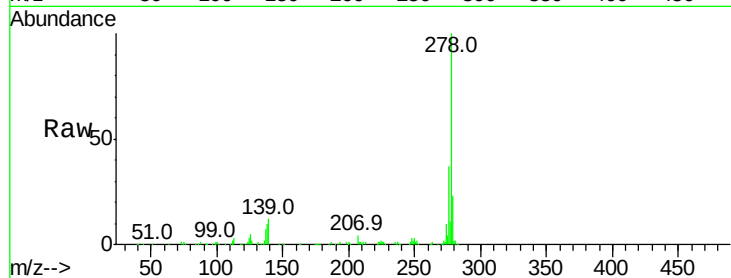
BNA_G

ClientSampleId :

SP3516DL 5X

Tot Ion:278 Resp: 330120

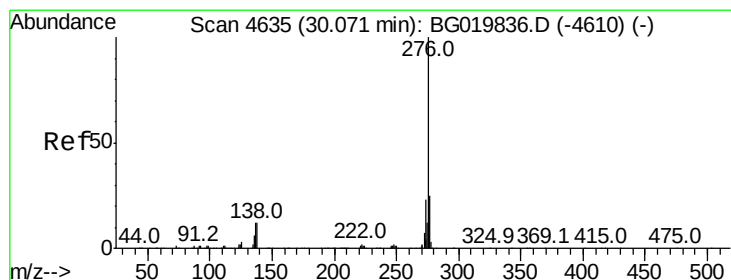
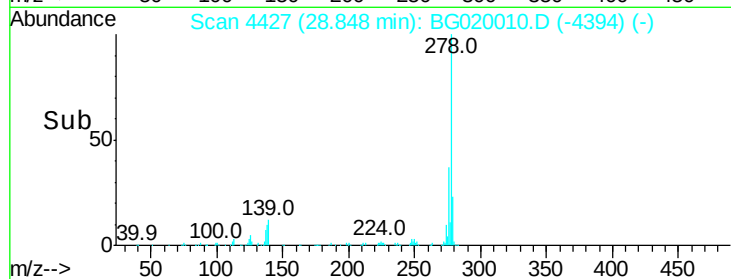
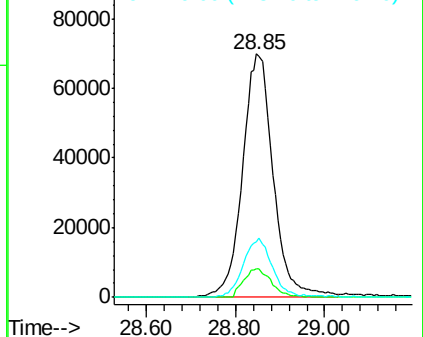
Ion	Ratio	Lower	Upper
278	100		
139	11.9	13.8	20.6#
279	23.0	19.4	29.0



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

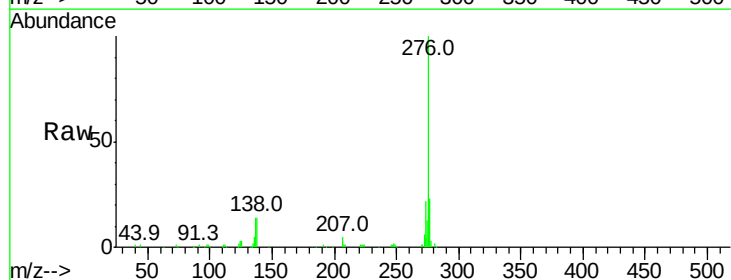
Delta R.T. -0.11 min

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

