

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020069.D
 Acq On : 10 Dec 2015 8:47
 Operator : UM/SJ
 Sample : G4683-02MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

Quant Time: Dec 10 10:18:09 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	19488	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	83912	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	57891	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	141319	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	172151	20.00	ng	-0.04
86) Perylene-d12	25.03	264	162541	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	167810	155.63	ng	-0.01
7) Phenol-d6	7.26	99	249816	153.45	ng	-0.01
23) Nitrobenzene-d5	9.28	82	161472	98.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	124883	140.99	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	356163	84.00	ng	-0.02
78) Terphenyl-d14	20.08	244	609633	86.38	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	15976	38.03	ng	# 100
3) Pyridine	3.92	79	49902	39.12	ng	# 89
4) n-Nitrosodimethylamine	3.84	42	26730	39.84	ng	# 85
6) Aniline	7.43	93	47441	22.50	ng	# 91
8) 2-Chlorophenol	7.67	128	66730	50.75	ng	# 97
9) Benzaldehyde	7.24	77	45666	42.06	ng	# 94
10) Phenol	7.29	94	94244	55.00	ng	# 80
11) bis(2-Chloroethyl)ether	7.53	93	58751	46.30	ng	# 90
12) 1,3-Dichlorobenzene	8.00	146	65660	44.06	ng	# 96
13) 1,4-Dichlorobenzene	8.14	146	68149	44.28	ng	# 92
14) 1,2-Dichlorobenzene	8.47	146	66661	45.41	ng	# 94
15) Benzyl Alcohol	8.34	79	70382	49.27	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	8.64	45	87259	42.16	ng	# 96
17) 2-Methylphenol	8.55	107	62475	51.65	ng	# 92
18) Hexachloroethane	9.20	117	24866	43.14	ng	# 94
19) n-Nitroso-di-n-propylamine	8.92	70	54666	42.58	ng	# 91
20) 3+4-Methylphenols	8.88	107	85560	50.23	ng	# 94
22) Acetophenone	8.94	105	102768	44.68	ng	# 93
24) Nitrobenzene	9.32	77	85536	47.96	ng	# 92
25) Isophorone	9.84	82	150821	42.79	ng	# 97
26) 2-Nitrophenol	10.03	139	38908	56.49	ng	# 78
27) 2,4-Dimethylphenol	10.09	122	65459	45.63	ng	# 94
28) bis(2-Chloroethoxy)methane	10.32	93	86550	50.25	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	78746	53.74	ng	# 96
30) 1,2,4-Trichlorobenzene	10.79	180	77186	46.61	ng	# 97
31) Naphthalene	10.98	128	211827	47.12	ng	# 99
32) Benzoic acid	10.15	122	3985	9.61	ng	# 91
33) 4-Chloroaniline	11.08	127	31192	15.75	ng	# 89
34) Hexachlorobutadiene	11.26	225	52961	43.35	ng	# 100
35) Caprolactam	11.86	113	25178m	46.16	ng	# 95
36) 4-Chloro-3-methylphenol	12.20	107	87478	47.93	ng	# 94
37) 2-Methylnaphthalene	12.57	142	159712	48.48	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	102328	46.58	ng	# 98
40) Hexachlorocyclopentadiene	12.92	237	94215	75.21	ng	# 98

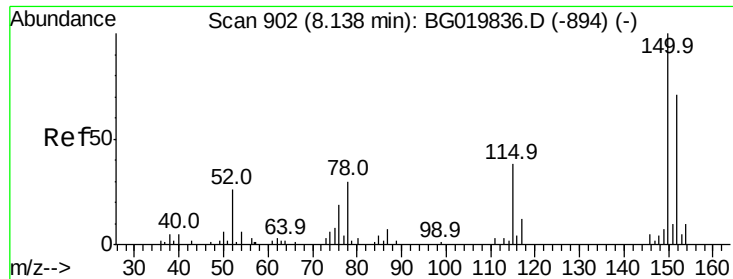
Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020069.D
 Acq On : 10 Dec 2015 8:47
 Operator : UM/SJ
 Sample : G4683-02MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

Quant Time: Dec 10 10:18:09 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)
42) 2,4,6-Trichlorophenol	13.17	196	72529	49.87	nq	99
43) 2,4,5-Trichlorophenol	13.25	196	79088	51.45	nq	97
45) 1,1'-Biphenyl	13.58	154	213583	44.96	nq	98
46) 2-Chloronaphthalene	13.62	162	171399	46.80	nq	96
47) 2-Nitroaniline	13.82	65	61354	53.05	nq	89
48) Acenaphthylene	14.47	152	281551	45.14	nq	99
49) Dimethylphthalate	14.19	163	332118	63.78	nq	99
50) 2,6-Dinitrotoluene	14.31	165	50971	52.06	nq	# 87
51) Acenaphthene	14.81	154	179740	47.49	nq	98
52) 3-Nitroaniline	14.64	138	36191	35.58	nq	97
53) 2,4-Dinitrophenol	14.84	184	31000	61.87	nq	# 85
54) Dibenzofuran	15.14	168	279066	49.56	nq	93
55) 4-Nitrophenol	14.94	139	82770	93.43	nq	# 69
56) 2,4-Dinitrotoluene	15.09	165	72288	52.92	nq	# 93
57) Fluorene	15.79	166	222199	44.09	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	75679	53.20	nq	96
59) Diethylphthalate	15.55	149	232812	41.31	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	124752	43.11	nq	97
61) 4-Nitroaniline	15.81	138	50716	44.33	nq	# 77
62) Azobenzene	16.06	77	212849	45.39	nq	96
64) 4,6-Dinitro-2-methylphenol	15.85	198	35738	45.39	nq	95
65) n-Nitrosodiphenylamine	15.99	169	201354	49.24	nq	95
66) 4-Bromophenyl-phenylether	16.67	248	81845	46.61	nq	100
67) Hexachlorobenzene	16.79	284	88488	48.37	nq	97
68) Atrazine	16.93	200	84785	47.72	nq	98
69) Pentachlorophenol	17.13	266	109179	102.26	nq	94
70) Phenanthrene	17.53	178	371493	46.46	nq	96
71) Anthracene	17.61	178	376230	46.20	nq	96
72) Carbazole	17.88	167	338370	47.16	nq	97
73) Di-n-butylphthalate	18.43	149	387330	44.05	nq	99
74) Fluoranthene	19.52	202	462470	45.22	nq	94
76) Benzidine	19.70	184	83814	14.82	nq	97
77) Pyrene	19.89	202	473474	46.75	nq	96
79) Butylbenzylphthalate	20.76	149	180348	45.43	nq	98
80) Benzo(a)anthracene	21.73	228	483957	45.93	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	104323	25.99	nq	98
82) Chrysene	21.80	228	438559	43.83	nq	95
83) Bis(2-ethylhexyl)phthalate	21.63	149	264803	45.45	nq	# 96
84) Di-n-octyl phthalate	22.86	149	455172	48.06	nq	# 96
85) Indeno(1,2,3-cd)pyrene	28.78	276	531731	48.24	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	471194	45.74	nq	# 94
88) Benzo(k)fluoranthene	24.06	252	452109	44.31	nq	# 94
89) Benzo(a)pyrene	24.88	252	453557	46.37	nq	# 95
90) Dibenzo(a,h)anthracene	28.84	278	440349	45.57	nq	# 94
91) Benzo(g,h,i)perylene	29.95	276	423809	44.67	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

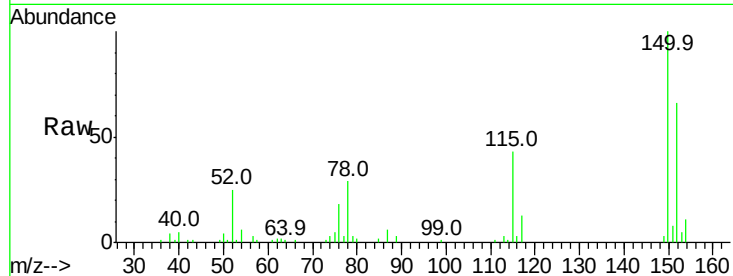
Tot Ion:152 Resp: 19488

Ion Ratio Lower Upper

152 100

150 150.9 115.0 172.4

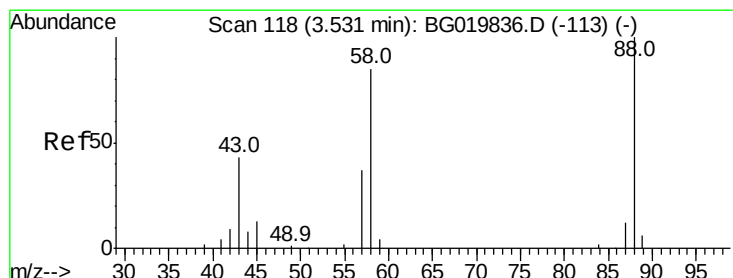
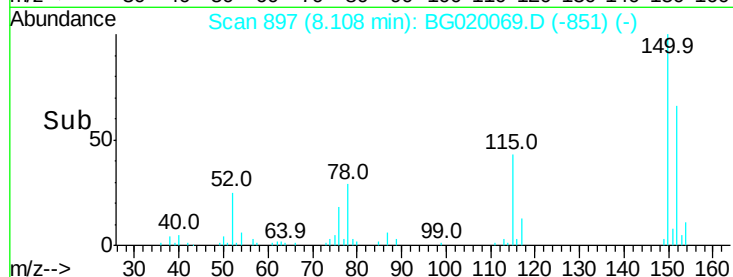
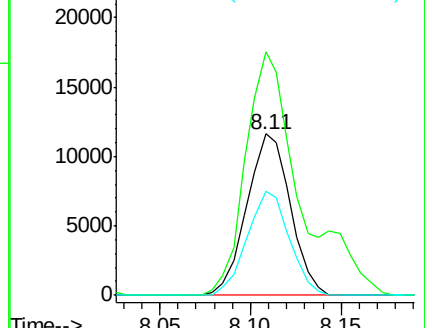
115 64.4 43.9 65.9



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: 38.03 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

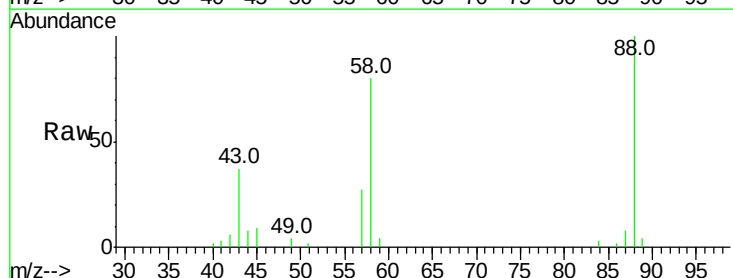
Tgt Ion: 88 Resp: 15976

Ion Ratio Lower Upper

88 100

58 83.0 0.0 0.0#

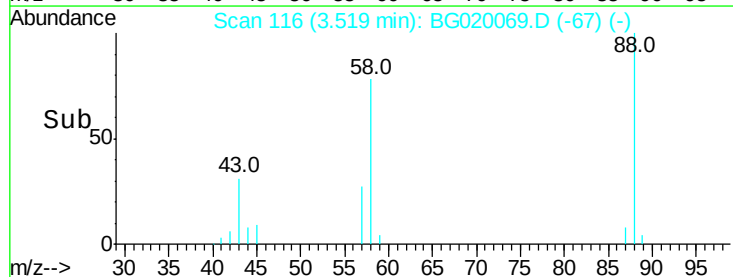
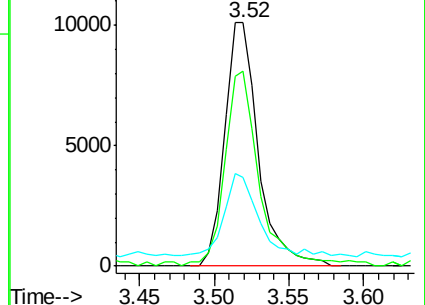
43 32.9 0.0 0.0#

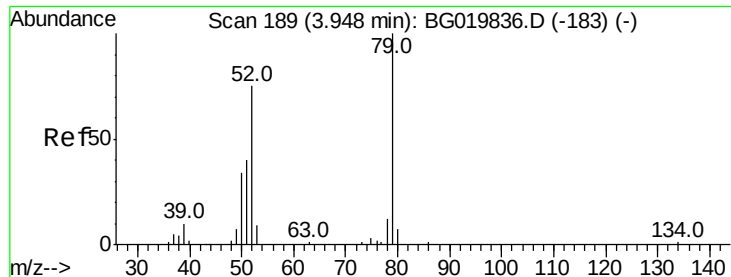


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.12 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

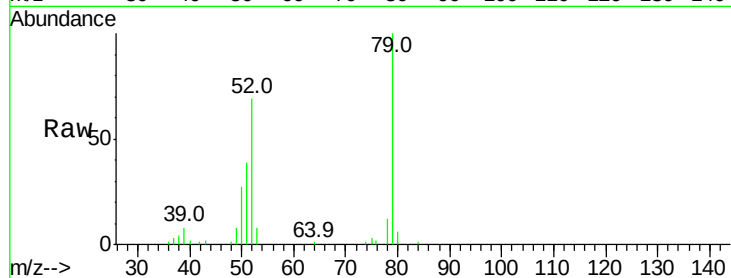
Tot Ion: 79 Resp: 49902

Ion Ratio Lower Upper

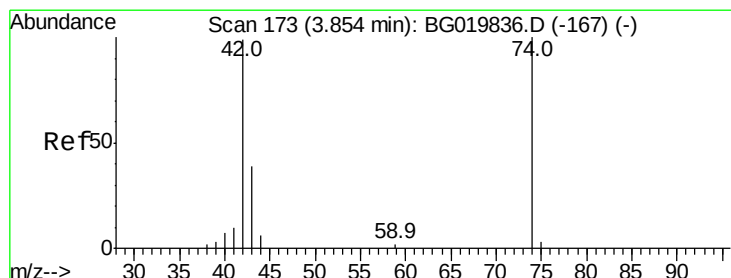
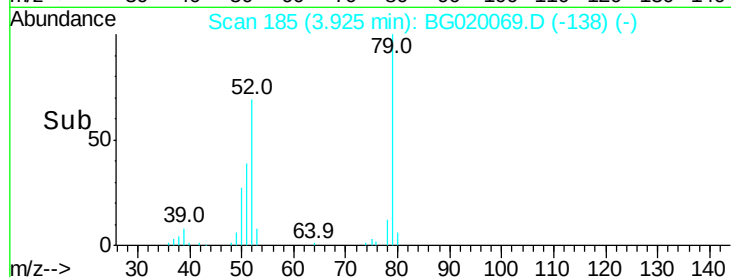
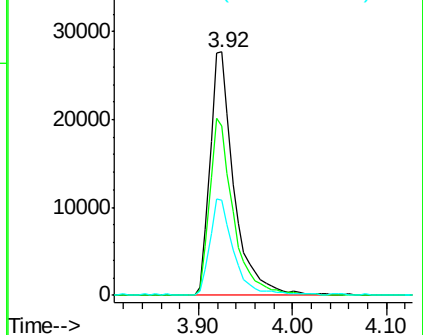
79 100

52 69.4 50.3 75.5

51 39.1 24.8 37.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.84 ng

RT: 3.84 min Scan# 170

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

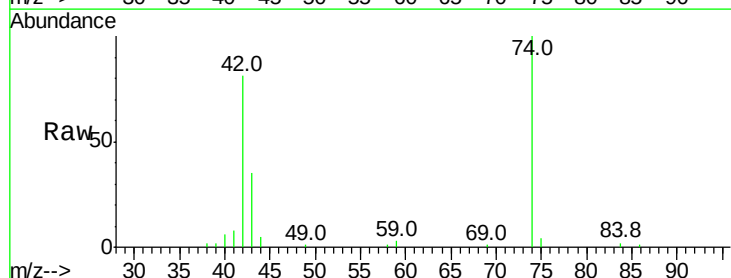
Tgt Ion: 42 Resp: 26730

Ion Ratio Lower Upper

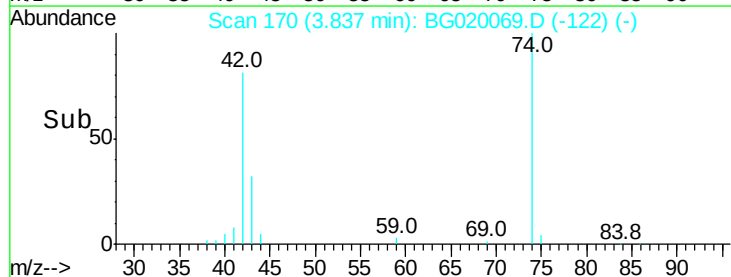
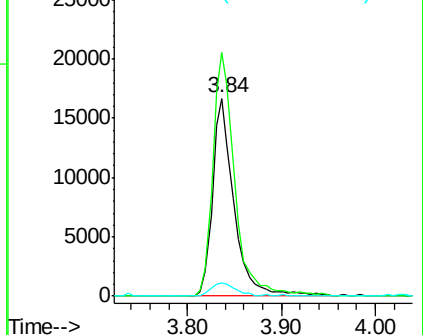
42 100

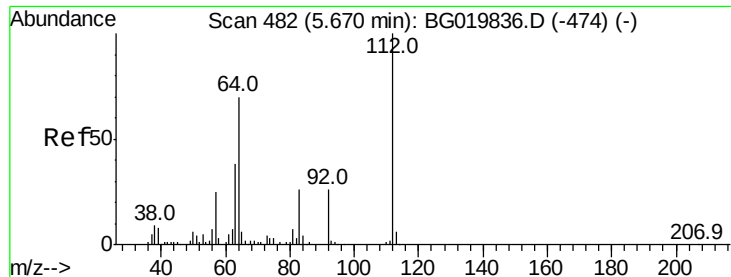
74 123.2 113.9 170.9

44 6.7 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 155.63 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

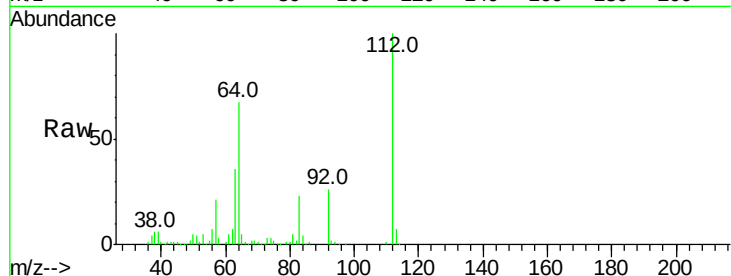
Tot Ion:112 Resp: 167810

Ion Ratio Lower Upper

112 100

64 66.5 43.7 65.5#

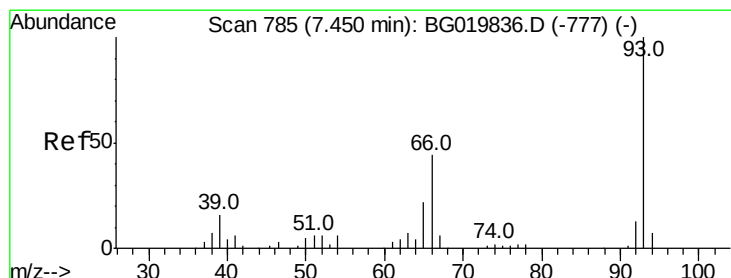
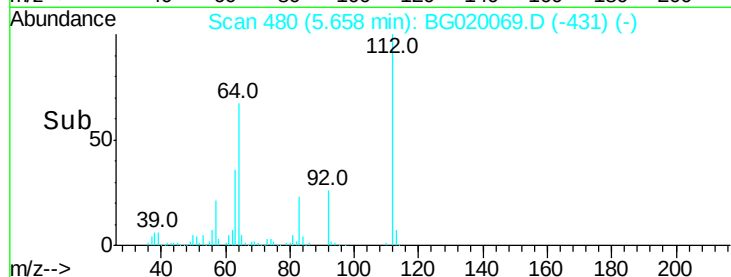
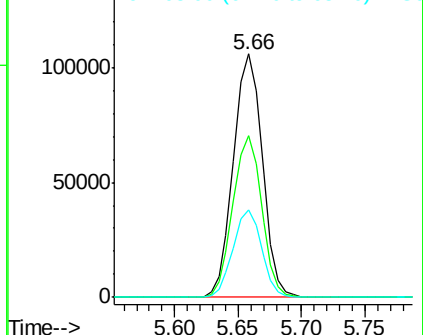
63 36.1 24.0 36.0#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.50 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

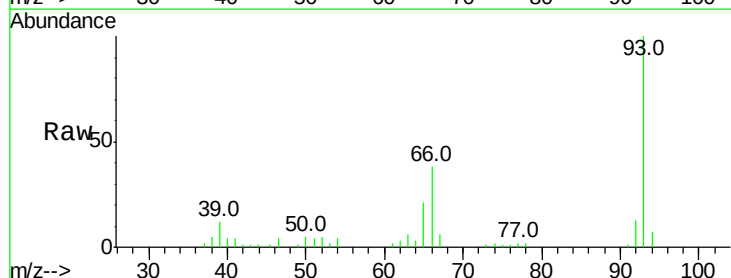
Tgt Ion: 93 Resp: 47441

Ion Ratio Lower Upper

93 100

66 37.9 26.2 39.2

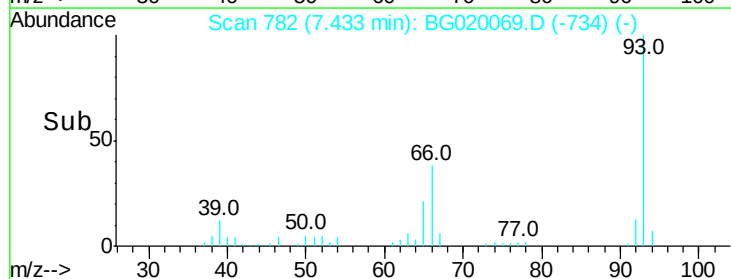
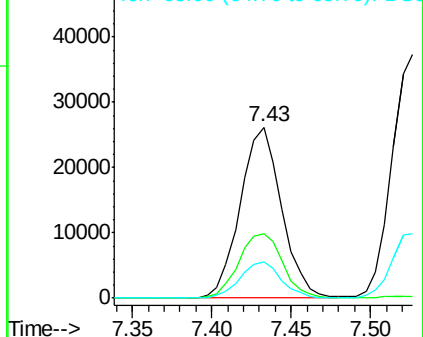
65 21.4 14.0 21.0#

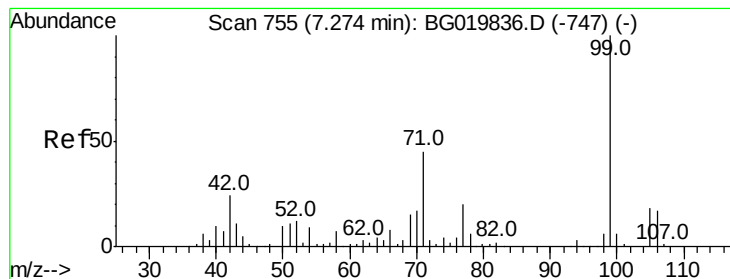


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 153.45 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

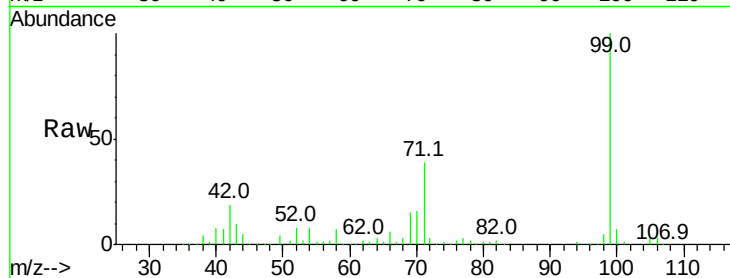
Tot Ion: 99 Resp: 249816

Ion Ratio Lower Upper

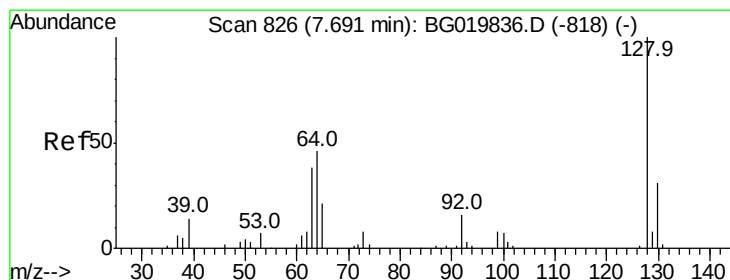
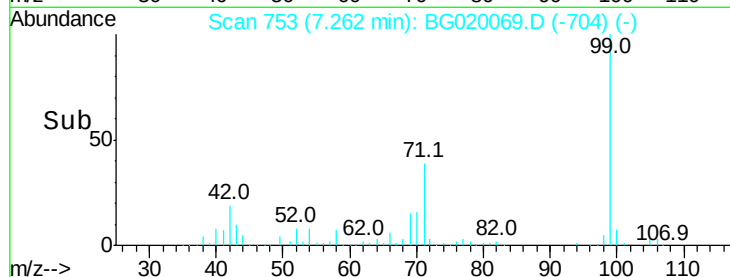
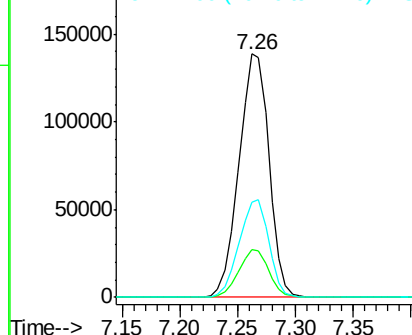
99 100

42 19.5 11.5 17.3#

71 39.1 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: 50.75 ng

RT: 7.67 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

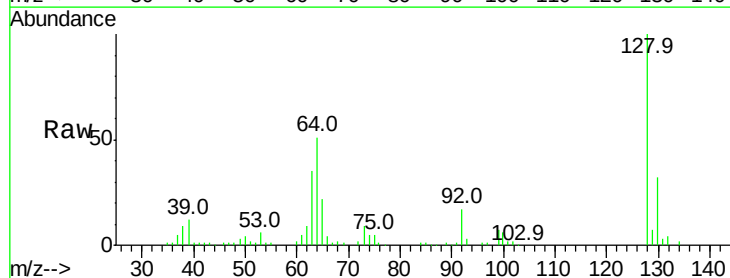
Tgt Ion: 128 Resp: 66730

Ion Ratio Lower Upper

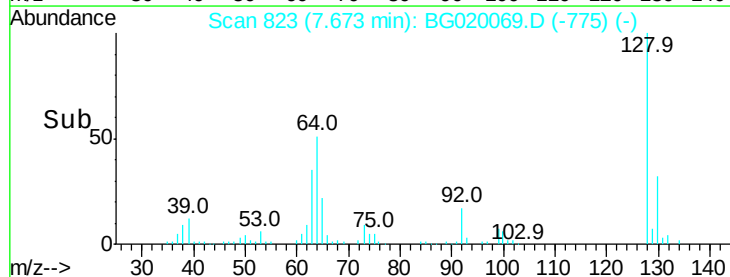
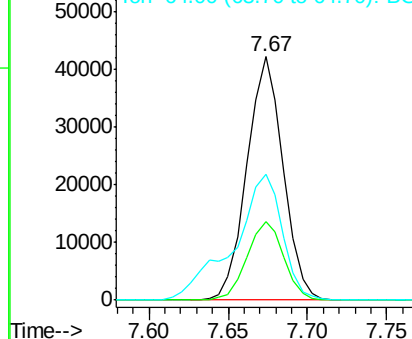
128 100

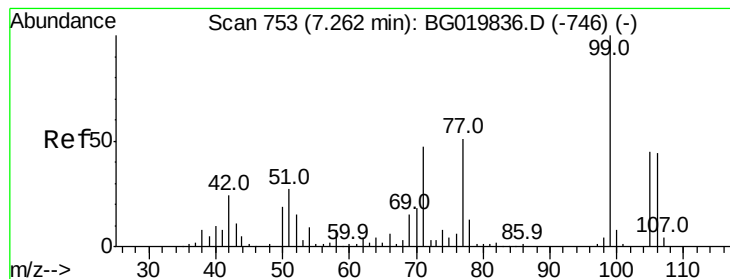
130 32.3 13.0 53.0

64 51.4 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: 42.06 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

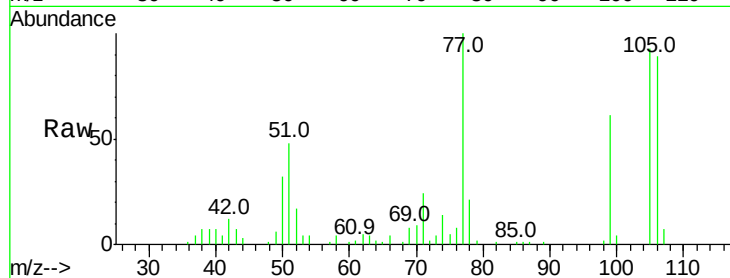
Tot Ion: 77 Resp: 45666

Ion Ratio Lower Upper

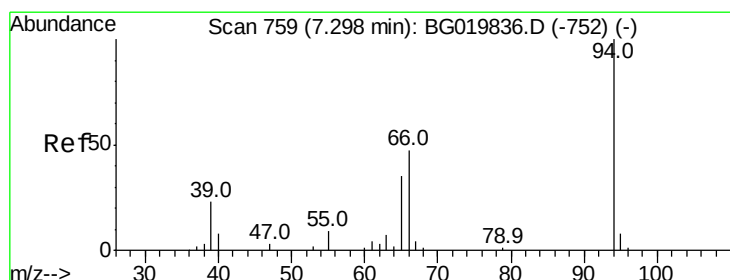
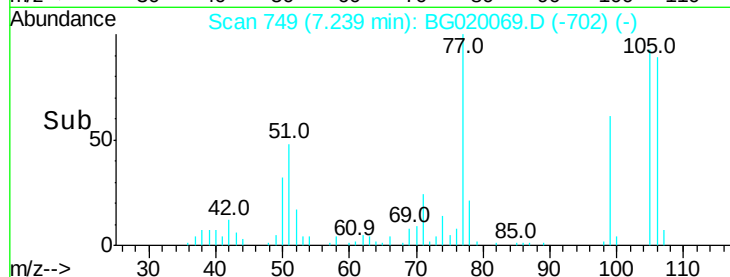
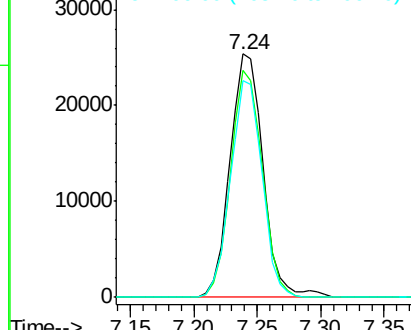
77 100

105 93.3 77.7 117.7

106 89.0 75.8 115.8



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



#10

Phenol

Concen: 55.00 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.01 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

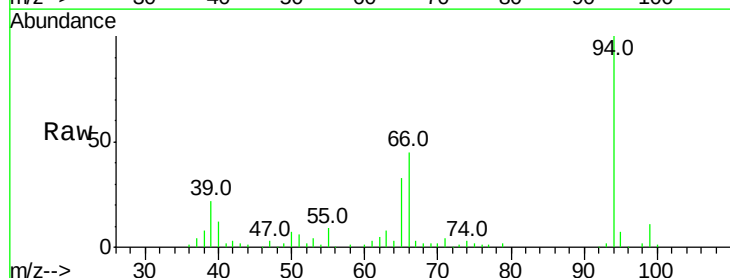
Tgt Ion: 94 Resp: 94244

Ion Ratio Lower Upper

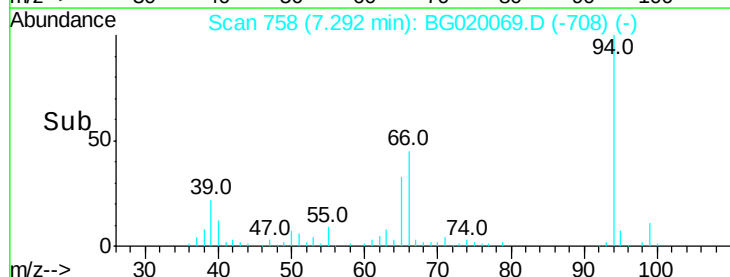
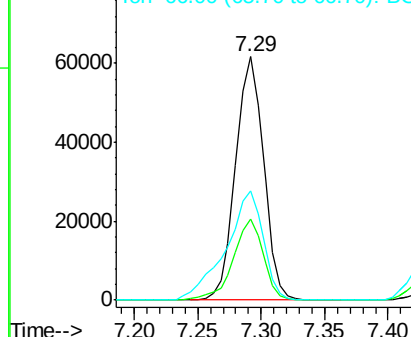
94 100

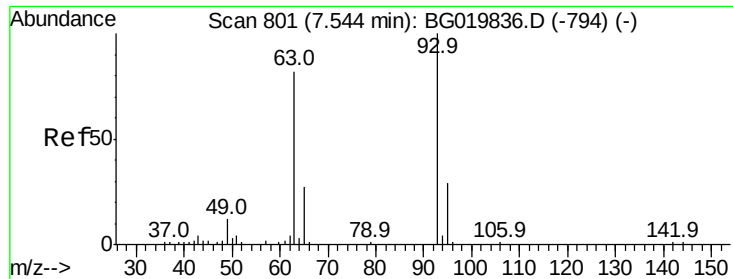
65 33.4 5.4 45.4

66 44.6 11.8 51.8



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





#11

bis(2-Chloroethyl)ether

Concen: 46.30 ng

RT: 7.53 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

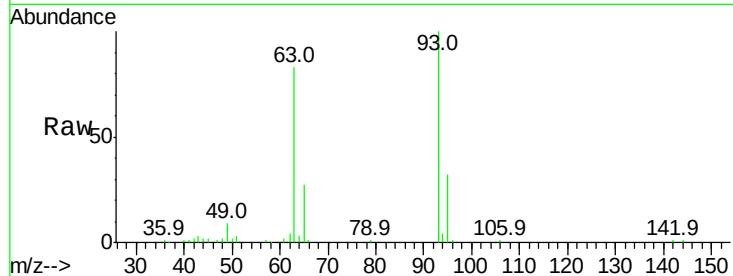
Tot Ion: 93 Resp: 58751

Ion Ratio Lower Upper

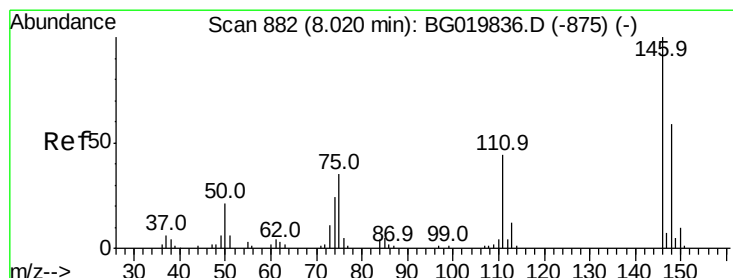
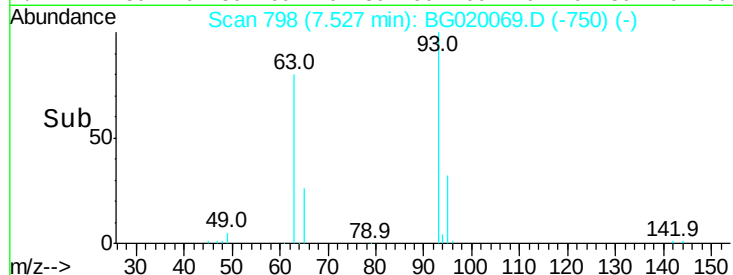
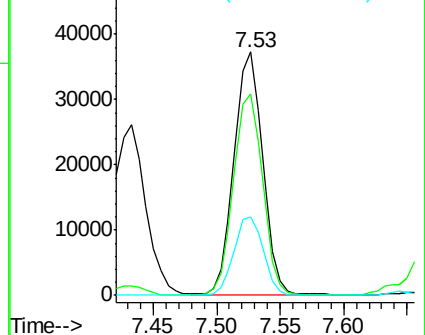
93 100

63 82.7 50.5 90.5

95 32.3 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 44.06 ng

RT: 8.00 min Scan# 878

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

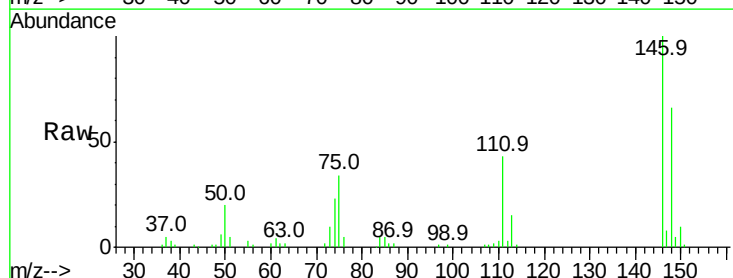
Tgt Ion: 146 Resp: 65660

Ion Ratio Lower Upper

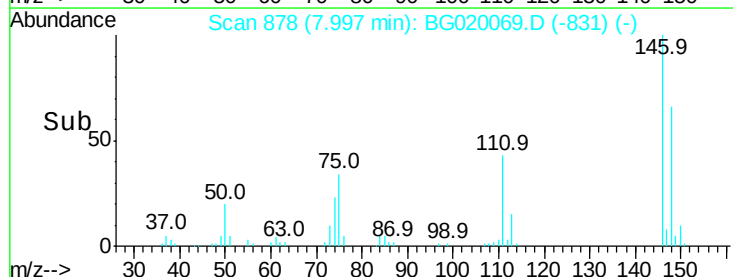
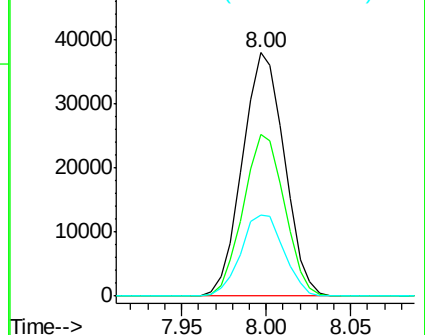
146 100

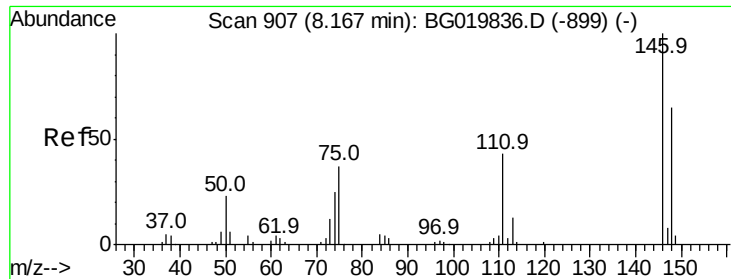
148 66.4 53.4 80.0

75 33.5 21.1 31.7#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

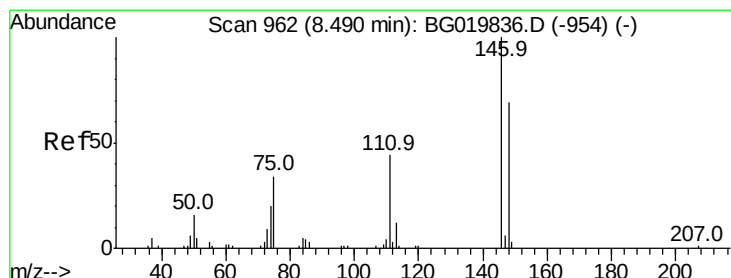
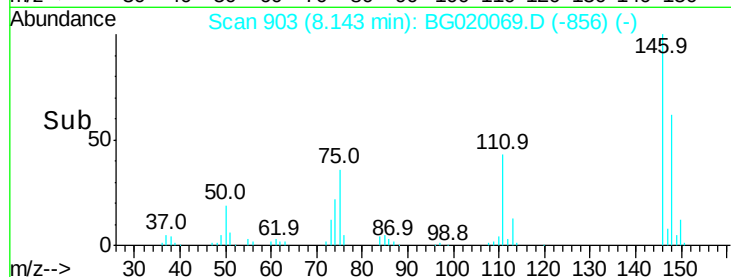
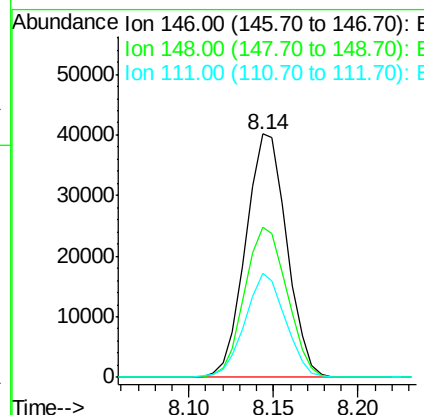
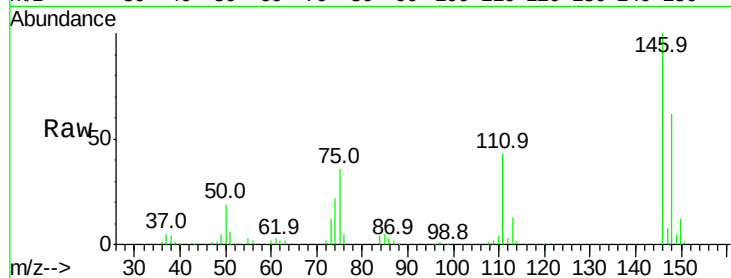




#13
 1,4-Dichlorobenzene
 Concen: 44.28 ng
 RT: 8.14 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

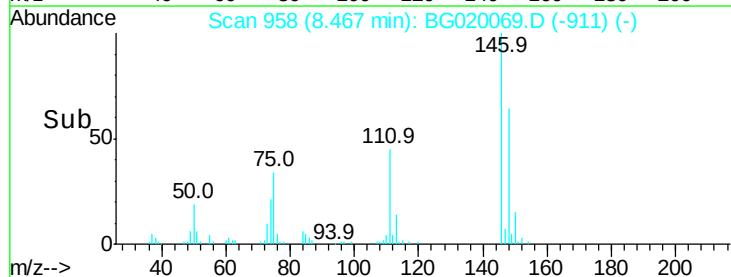
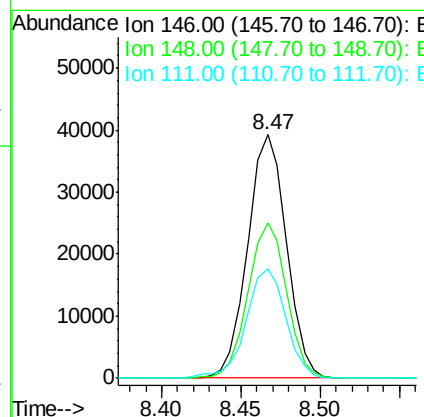
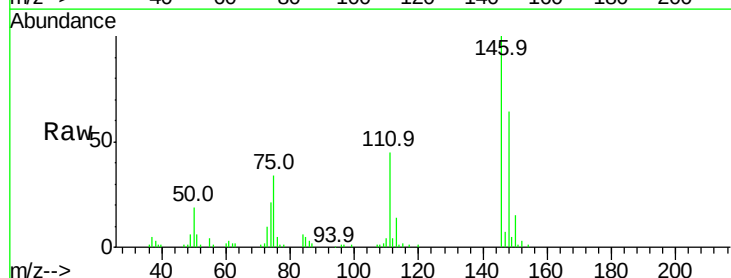
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

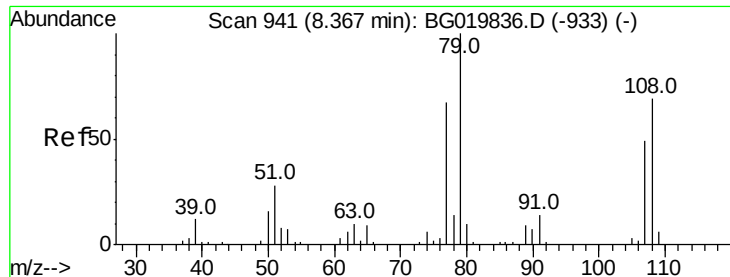
Tot Ion:146 Resp: 68149
 Ion Ratio Lower Upper
 146 100
 148 61.8 52.5 78.7
 111 42.9 28.3 42.5#



#14
 1,2-Dichlorobenzene
 Concen: 45.41 ng
 RT: 8.47 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion:146 Resp: 66661
 Ion Ratio Lower Upper
 146 100
 148 64.0 52.5 78.7
 111 44.9 29.9 44.9#

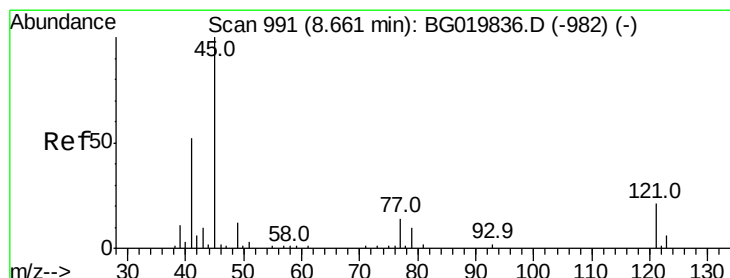
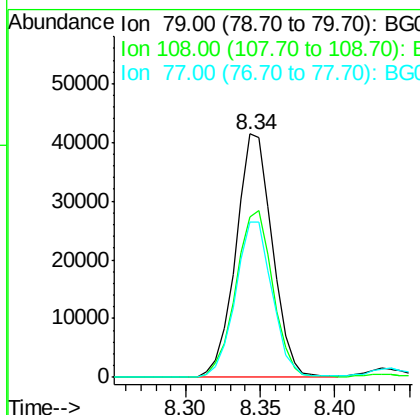
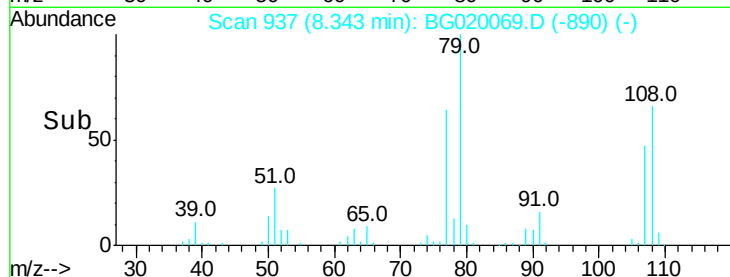
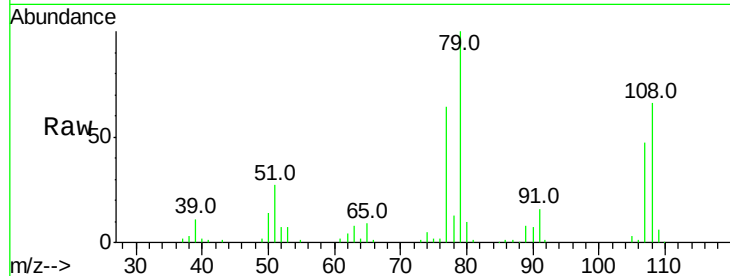




#15
Benzyl Alcohol
Concen: 49.27 ng
RT: 8.34 min Scan# 937
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

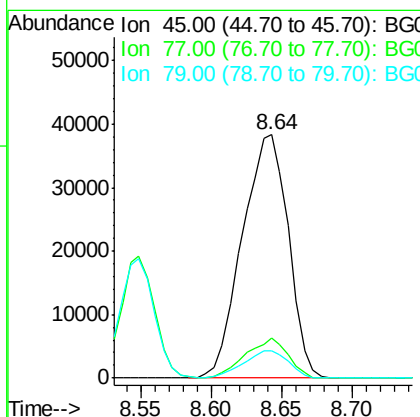
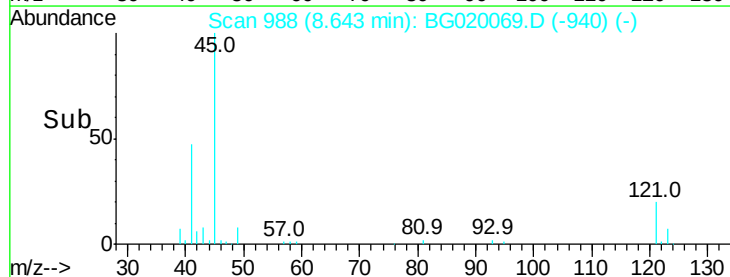
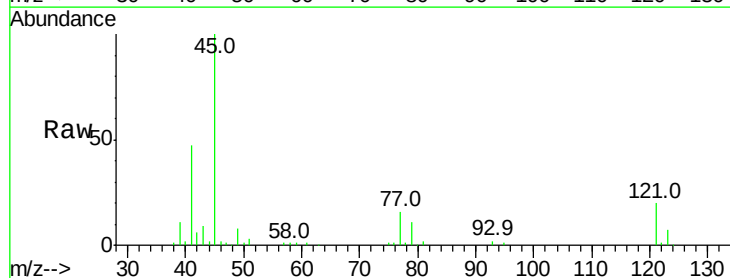
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

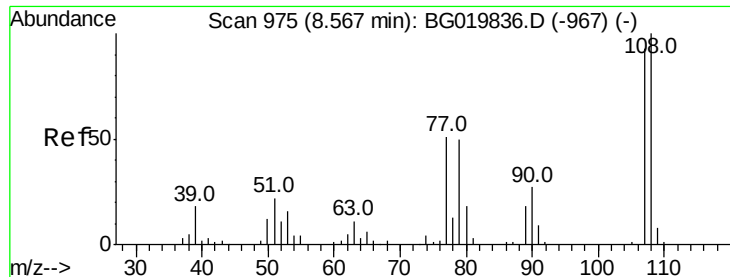
Tot Ion: 79 Resp: 70382
Ion Ratio Lower Upper
79 100
108 66.1 65.5 98.3
77 63.7 51.3 76.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.16 ng
RT: 8.64 min Scan# 988
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion: 45 Resp: 87259
Ion Ratio Lower Upper
45 100
77 16.3 0.0 37.0
79 11.3 0.0 33.8





#17

2-Methylphenol

Concen: 51.65 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

Tot Ion:107 Resp: 62475

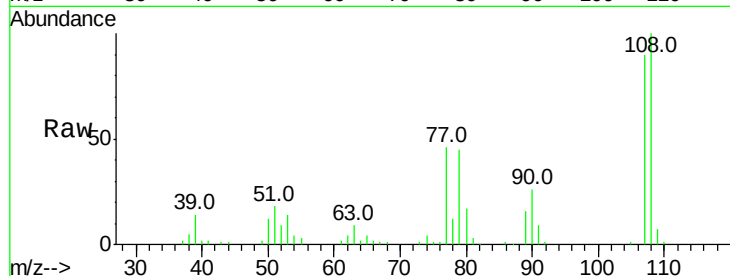
Ion Ratio Lower Upper

107 100

108 111.3 86.5 129.7

77 50.9 34.6 51.8

79 49.8 32.3 48.5#

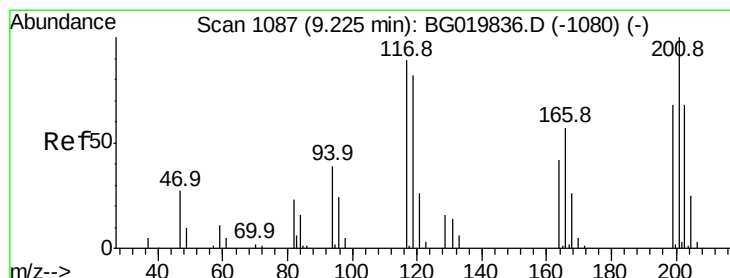
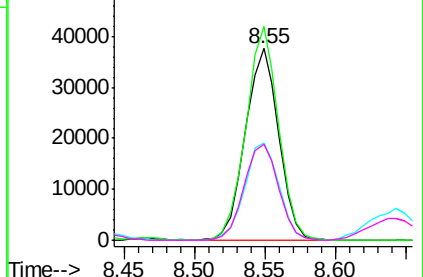
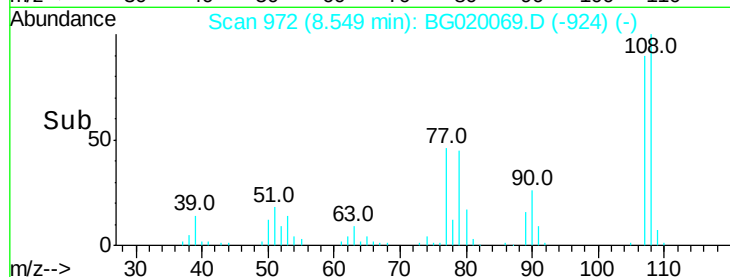


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 43.14 ng

RT: 9.20 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

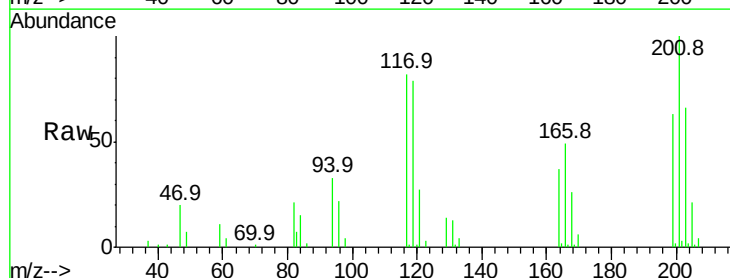
Tgt Ion:117 Resp: 24866

Ion Ratio Lower Upper

117 100

119 95.4 71.7 107.5

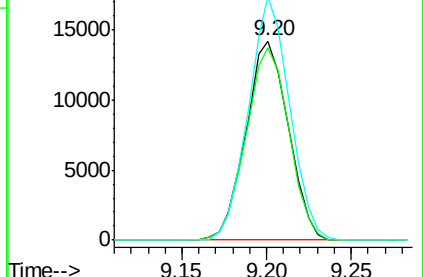
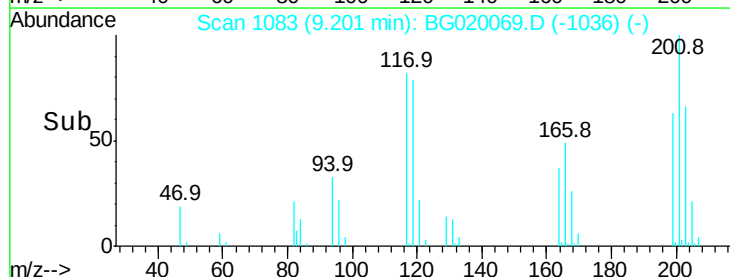
201 120.4 90.9 136.3

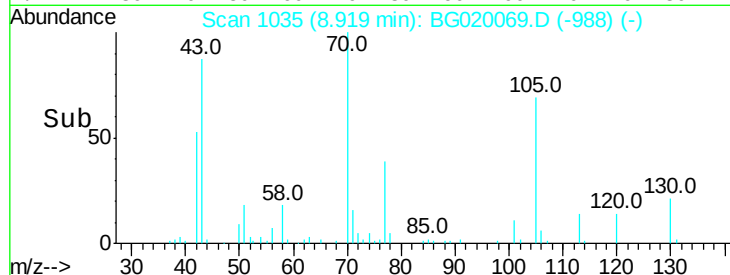
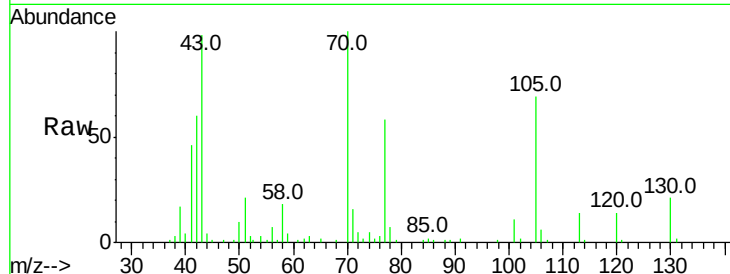
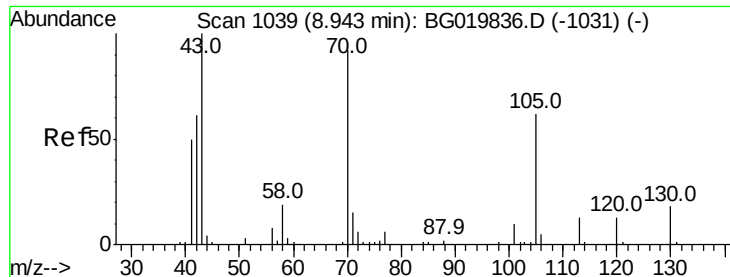


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

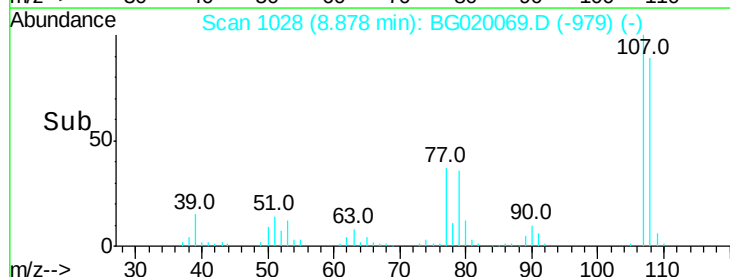
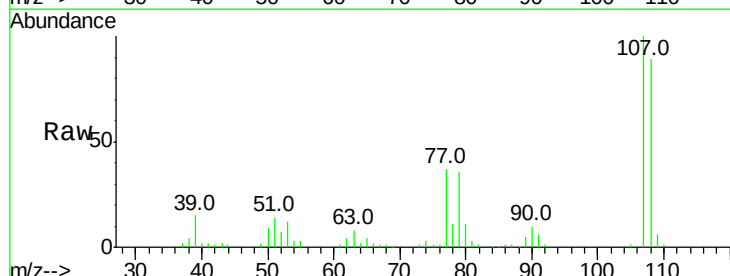
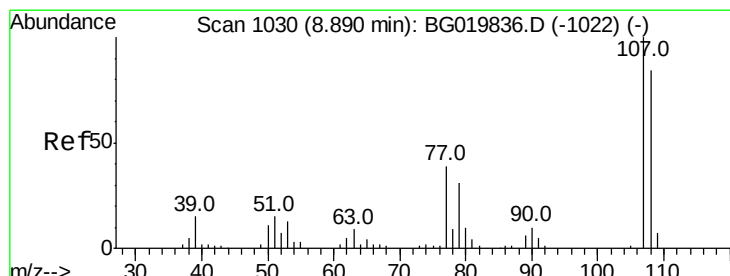
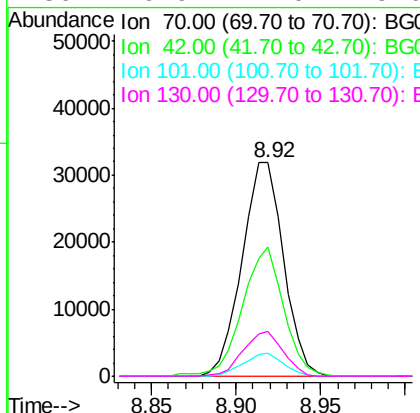




#19
n-Nitroso-di-n-propylamine
Concen: 42.58 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

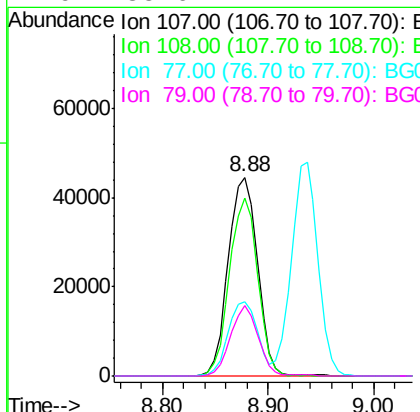
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

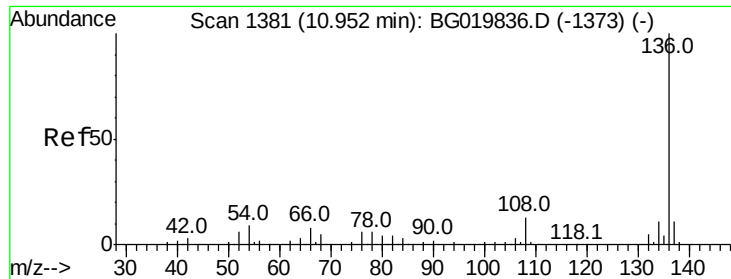
Tot Ion:	70	Resp:	54666
Ion	Ratio	Lower	Upper
70	100		
42	60.4	40.6	60.8
101	10.6	8.6	13.0
130	20.9	17.0	25.6



#20
3+4-Methylphenols
Concen: 50.23 ng
RT: 8.88 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion:	107	Resp:	85560
Ion	Ratio	Lower	Upper
107	100		
108	89.4	72.2	112.2
77	37.1	13.4	53.4
79	35.6	7.2	47.2

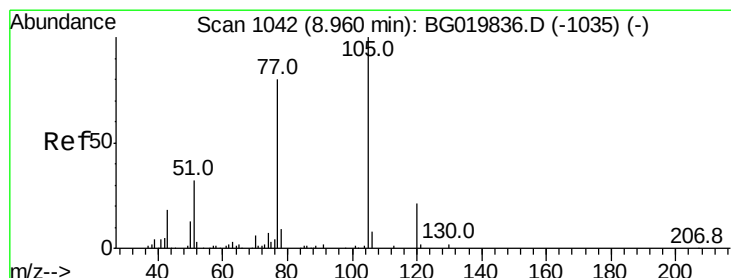
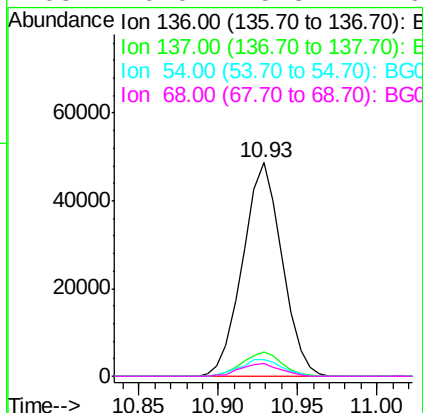
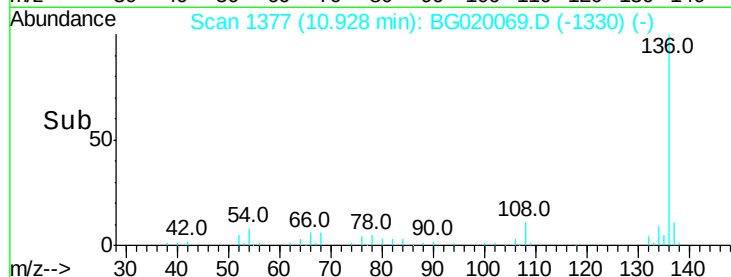
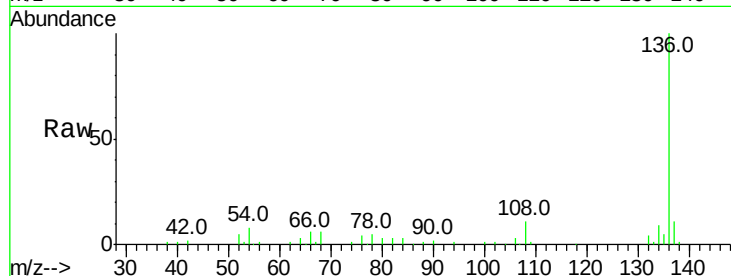




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

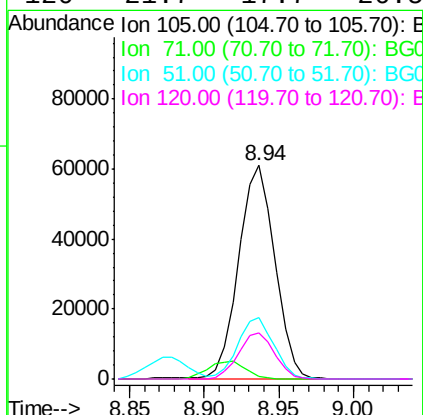
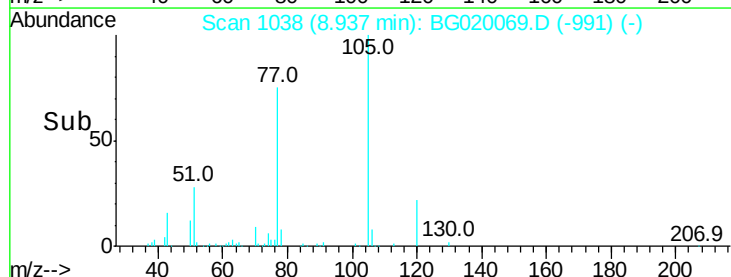
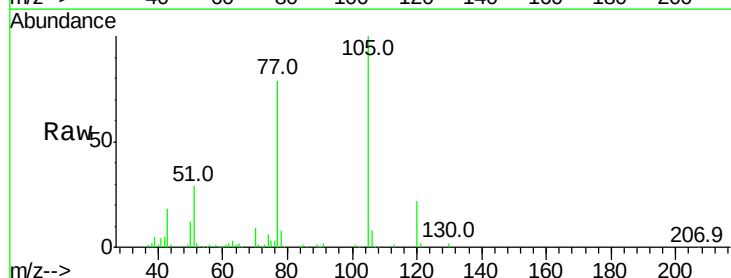
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

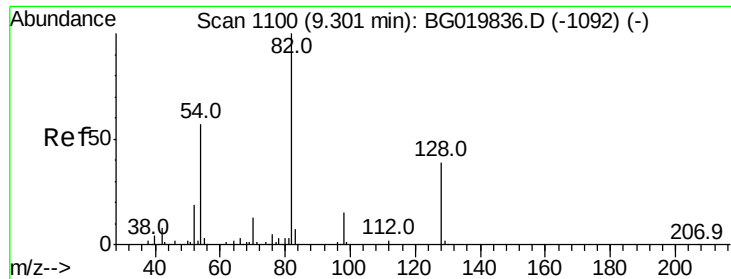
Tot Ion:136	Resp:	83912
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.6 12.8
54	8.4	5.4 8.2#
68	6.0	5.3 7.9



#22
Acetophenone
Concen: 44.68 ng
RT: 8.94 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion:105	Resp:	102768
Ion Ratio	Lower	Upper
105	100	
71	1.0	2.1 3.1#
51	29.0	17.8 26.8#
120	21.7	17.7 26.5

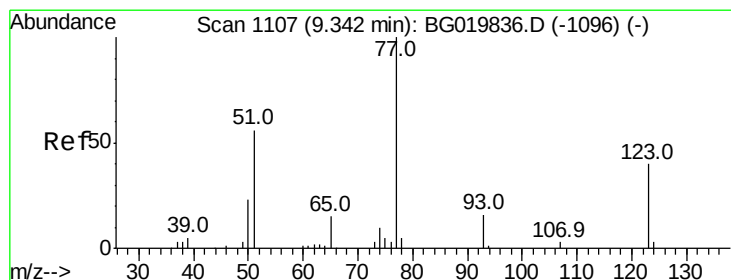
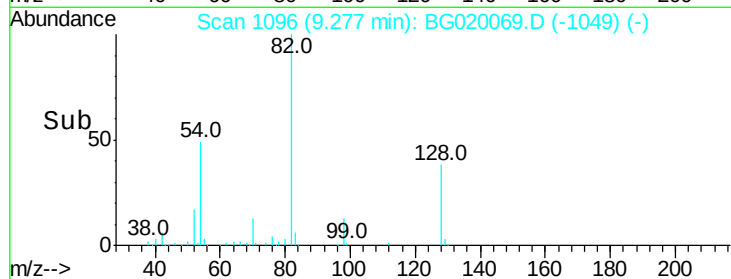
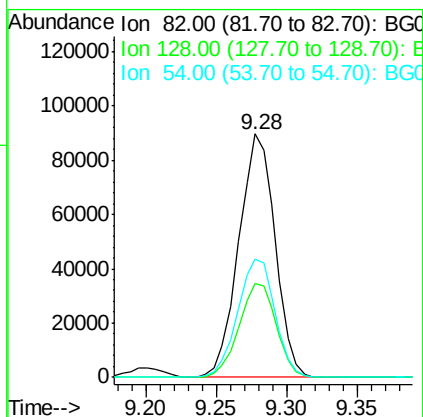
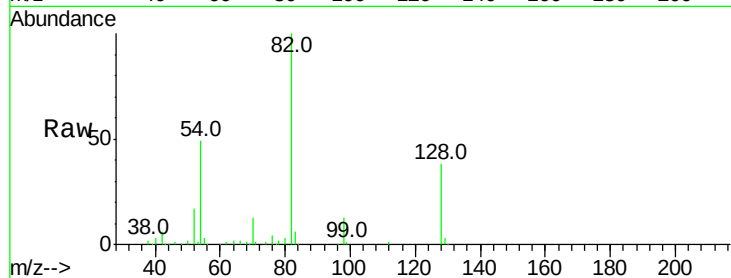




#23
 Nitrobenzene-d5
 Concen: 98.21 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

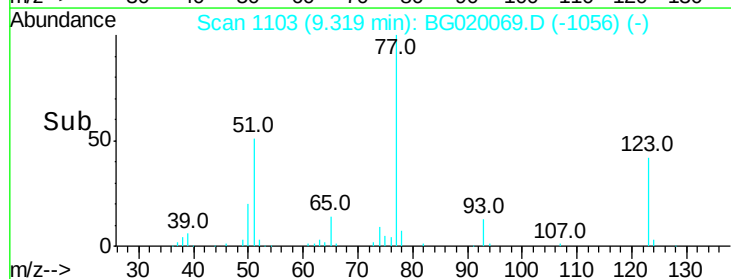
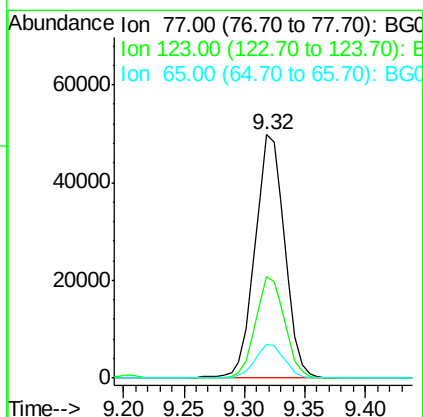
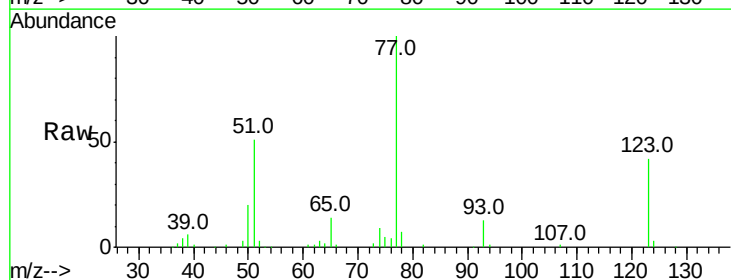
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

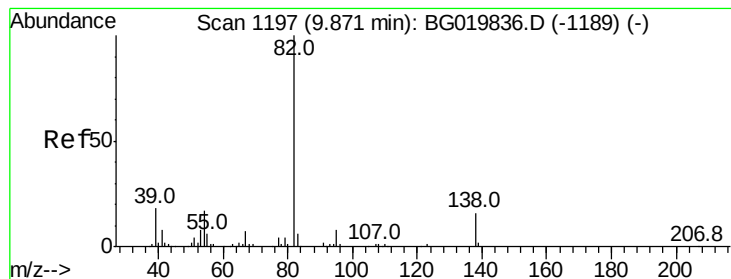
Tot Ion: 82 Resp: 161472
 Ion Ratio Lower Upper
 82 100
 128 38.4 36.7 55.1
 54 48.6 33.8 50.8



#24
 Nitrobenzene
 Concen: 47.96 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion: 77 Resp: 85536
 Ion Ratio Lower Upper
 77 100
 123 41.5 38.2 57.2
 65 14.1 10.6 16.0





#25

Isophorone

Concen: 42.79 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.03 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

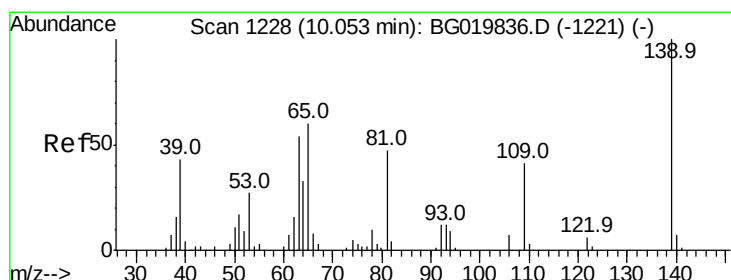
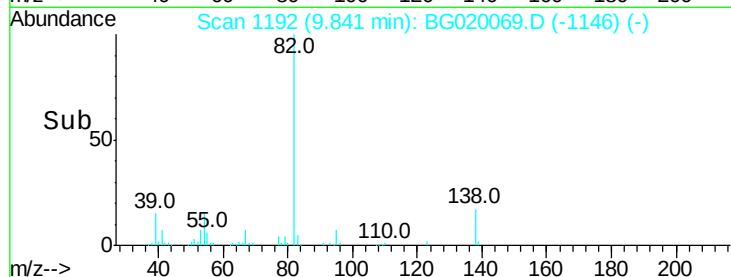
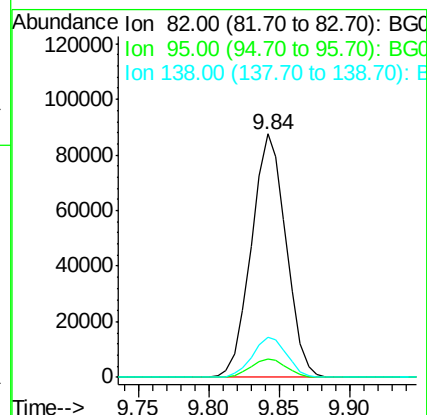
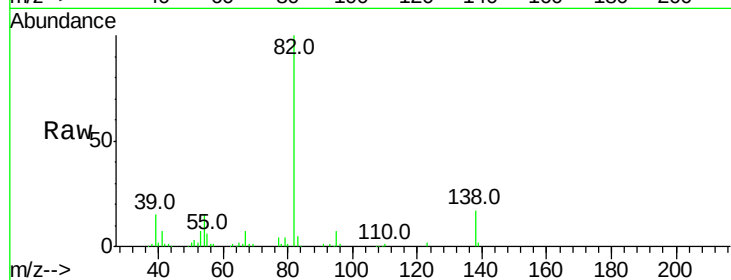
Tot Ion: 82 Resp: 150821

Ion Ratio Lower Upper

82 100

95 7.5 5.2 7.8

138 16.5 14.4 21.6



#26

2-Nitrophenol

Concen: 56.49 ng

RT: 10.03 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

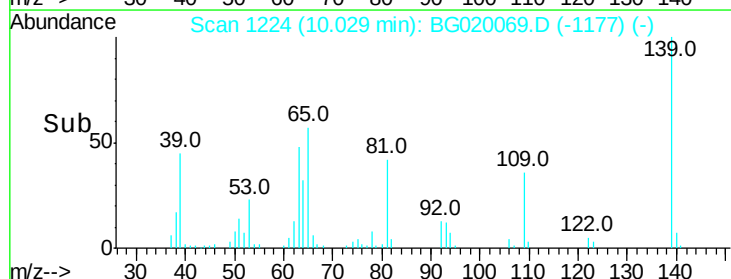
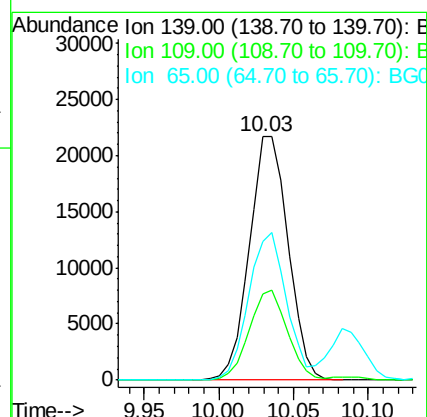
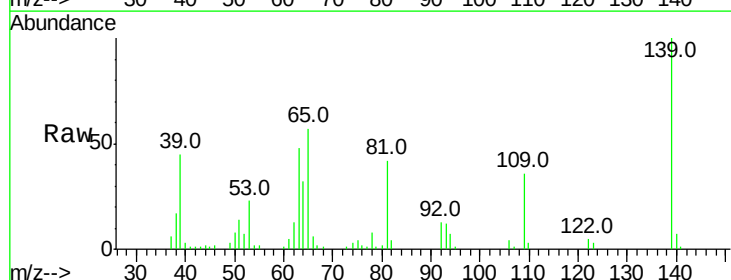
Tgt Ion: 139 Resp: 38908

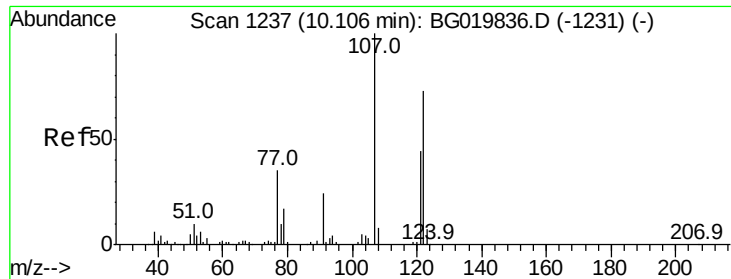
Ion Ratio Lower Upper

139 100

109 35.6 20.1 30.1#

65 57.1 34.1 51.1#

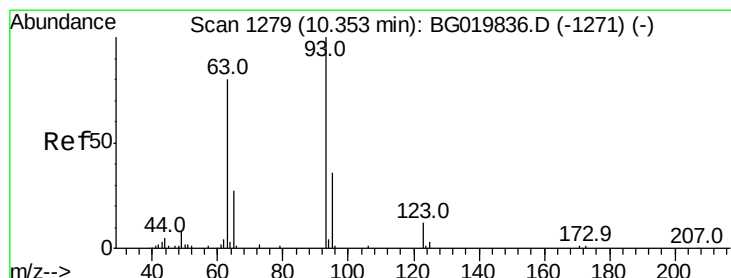
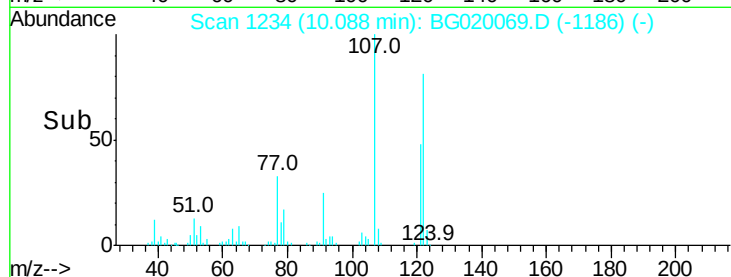
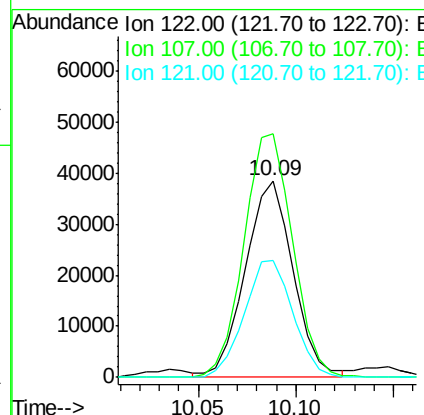
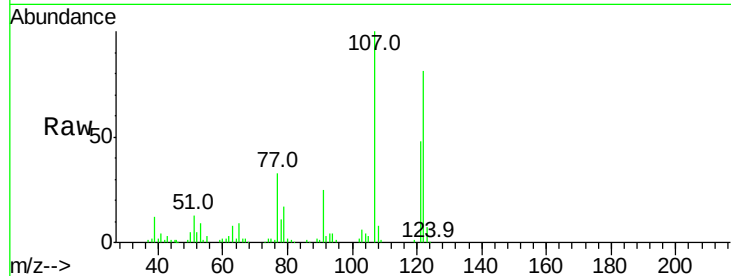




#27
 2,4-Dimethylphenol
 Concen: 45.63 ng
 RT: 10.09 min Scan# 1234
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

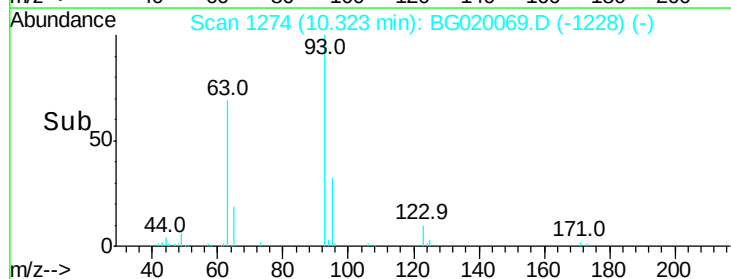
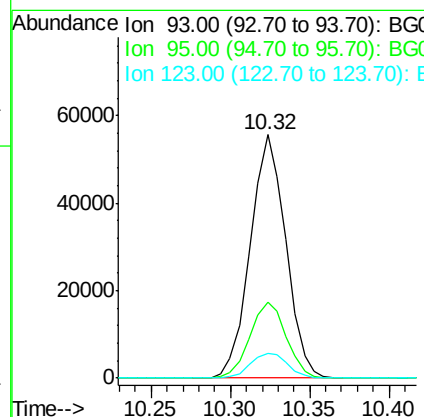
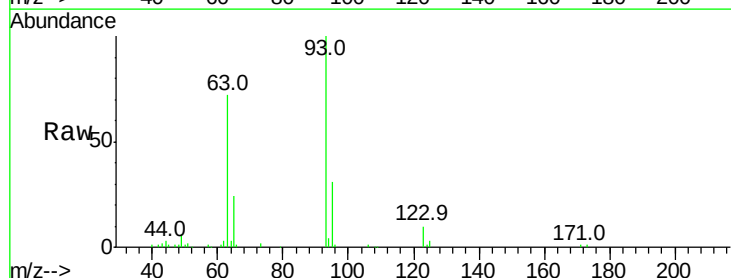
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

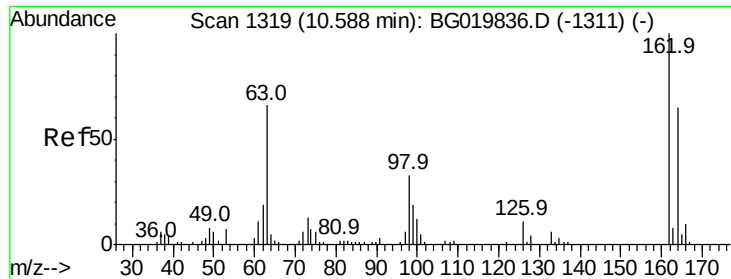
Tot Ion:122 Resp: 65459
 Ion Ratio Lower Upper
 122 100
 107 123.8 91.6 137.4
 121 59.8 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.25 ng
 RT: 10.32 min Scan# 1274
 Delta R.T. -0.03 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion: 93 Resp: 86550
 Ion Ratio Lower Upper
 93 100
 95 31.2 25.7 38.5
 123 10.2 8.6 12.8

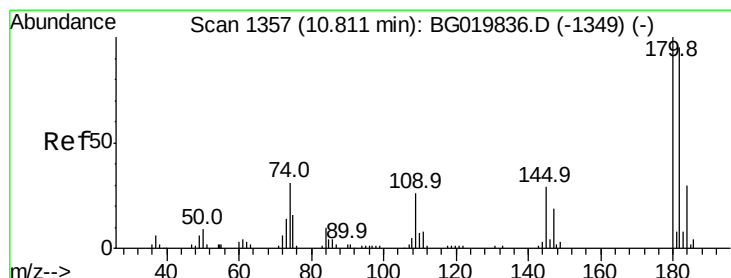
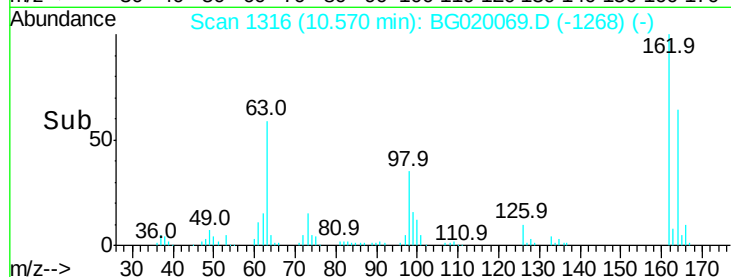
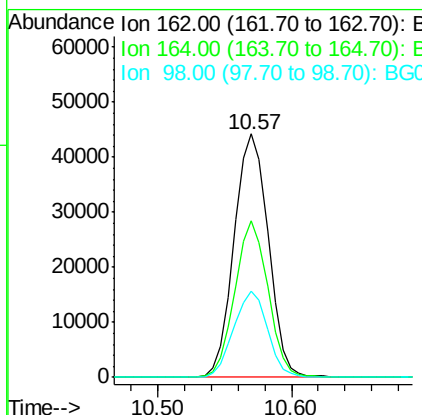
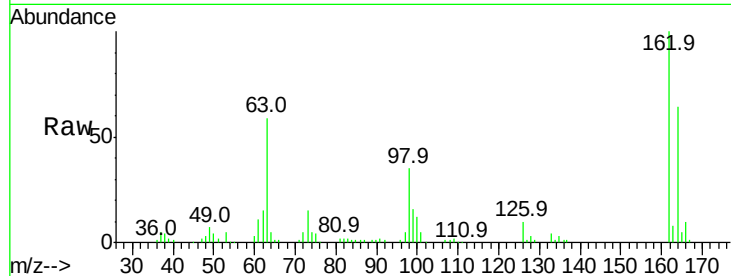




#29
 2,4-Dichlorophenol
 Concen: 53.74 ng
 RT: 10.57 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

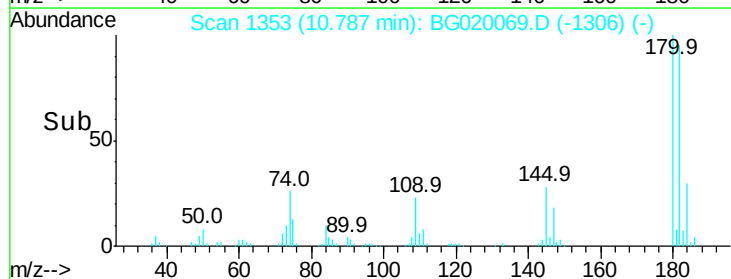
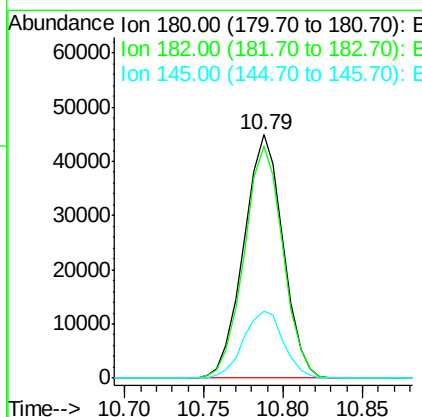
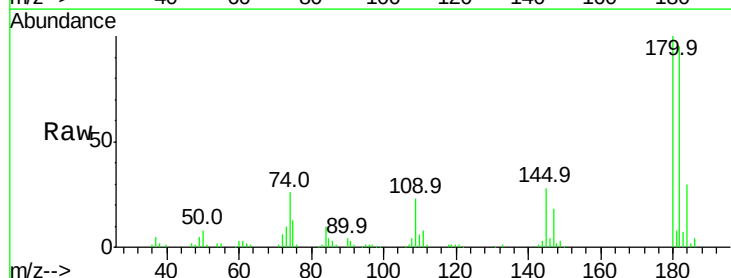
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

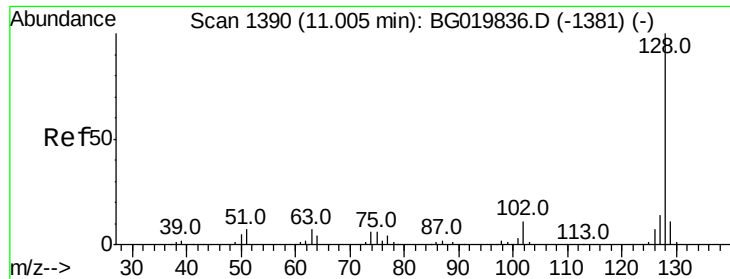
Tot Ion:162 Resp: 78746
 Ion Ratio Lower Upper
 162 100
 164 64.3 42.3 82.3
 98 35.1 11.5 51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 46.61 ng
 RT: 10.79 min Scan# 1353
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion:180 Resp: 77186
 Ion Ratio Lower Upper
 180 100
 182 95.2 79.7 119.5
 145 27.6 22.0 33.0

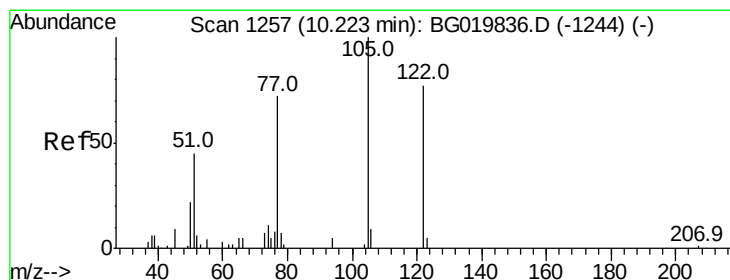
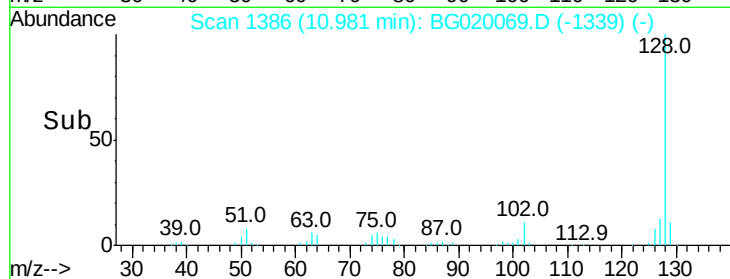
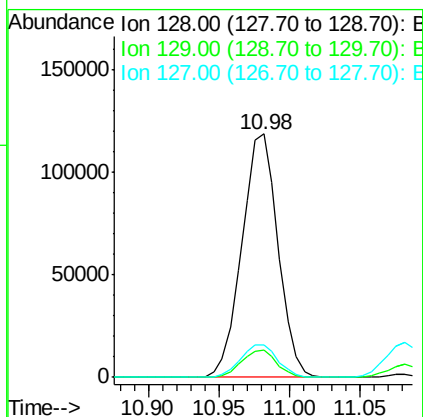
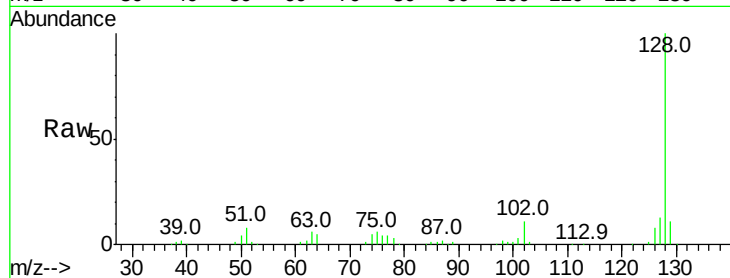




#31
Naphthalene
Concen: 47.12 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

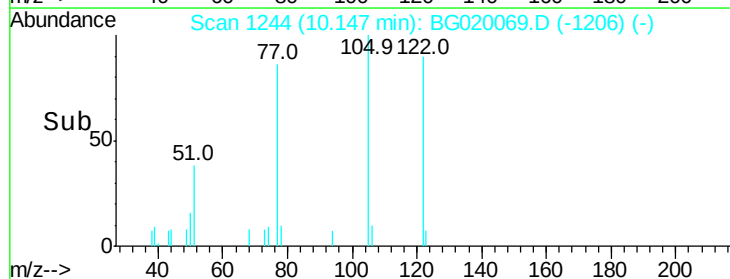
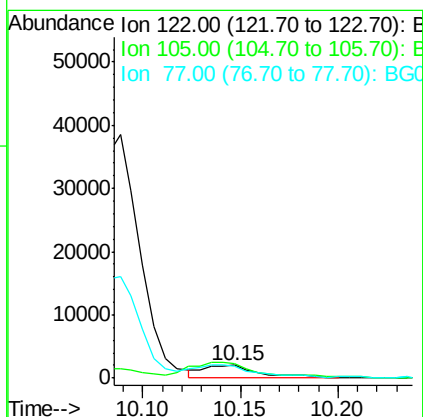
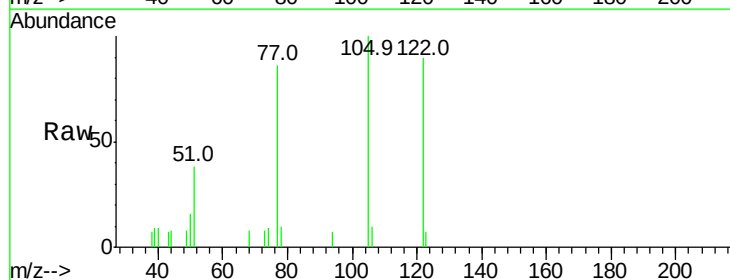
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

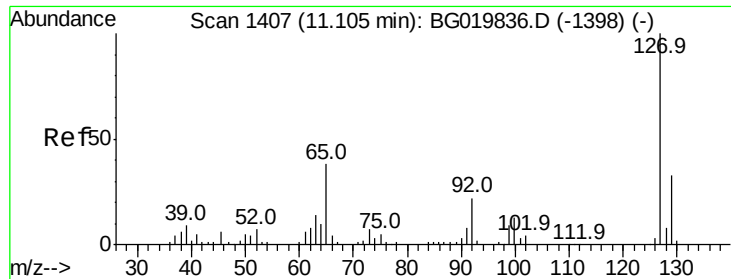
Tot Ion:128 Resp: 211827
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 9.61 ng
RT: 10.15 min Scan# 1244
Delta R.T. -0.08 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion:122 Resp: 3985
Ion Ratio Lower Upper
122 100
105 110.6 103.8 143.8
77 94.6 68.8 108.8

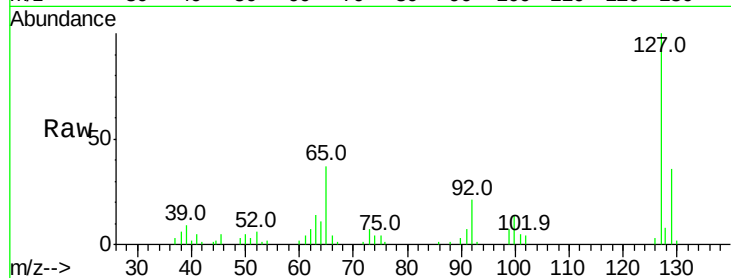




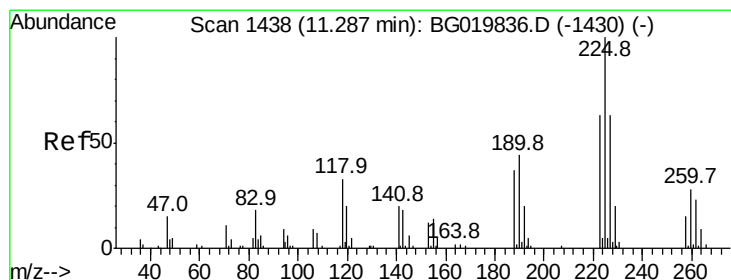
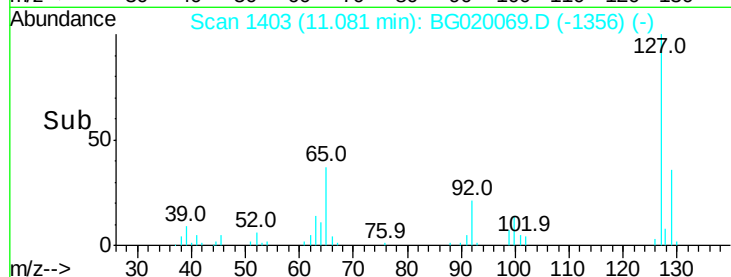
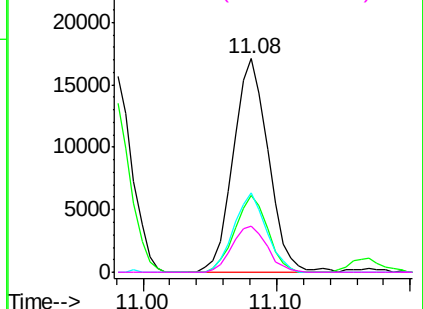
#33
4-Chloroaniline
Concen: 15.75 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

Tot Ion:	127	Resp:	31192
Ion	Ratio	Lower	Upper
127	100		
129	35.9	24.6	37.0
65	37.3	22.6	33.8#
92	21.3	15.1	22.7

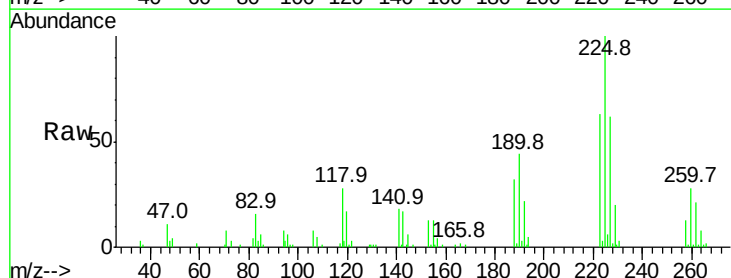


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

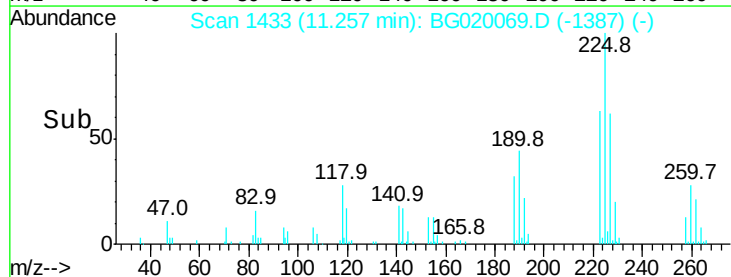
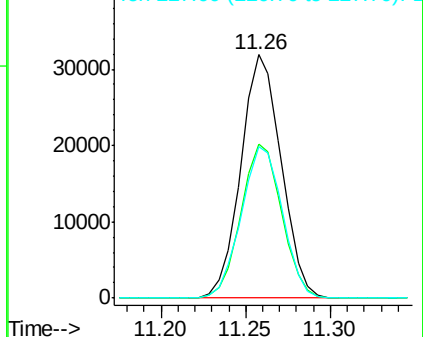


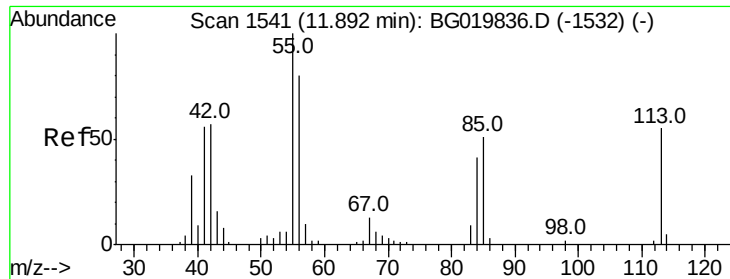
#34
Hexachlorobutadiene
Concen: 43.35 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion:	225	Resp:	52961
Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.4
227	64.5	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: 46.16 ng/ml

RT: 11.86 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

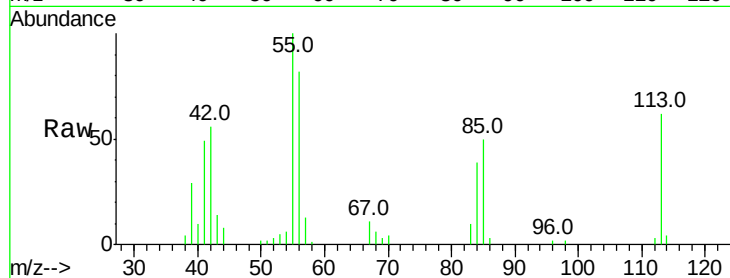
Tot Ion:113 Resp: 25178

Ion Ratio Lower Upper

113 100

55 162.5 135.0 175.0

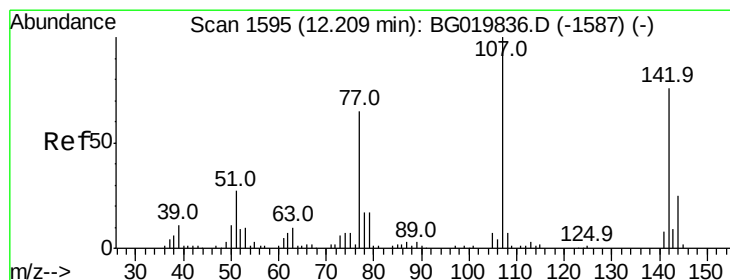
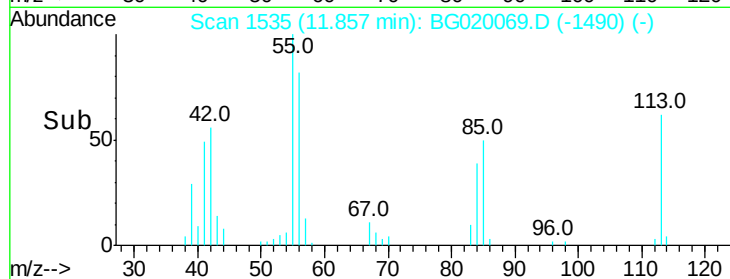
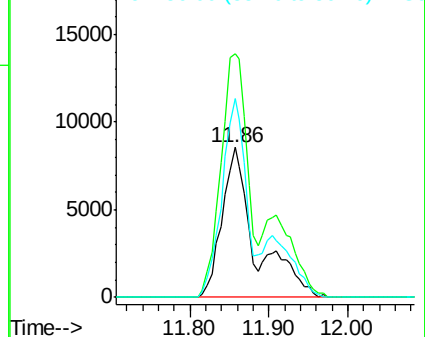
56 132.7 83.4 123.4#



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: 47.93 ng/ml

RT: 12.20 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

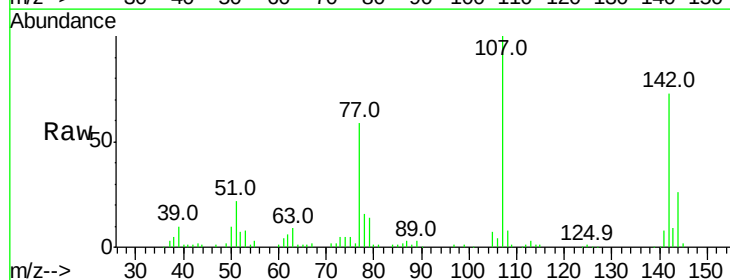
Tgt Ion:107 Resp: 87478

Ion Ratio Lower Upper

107 100

144 25.7 20.6 31.0

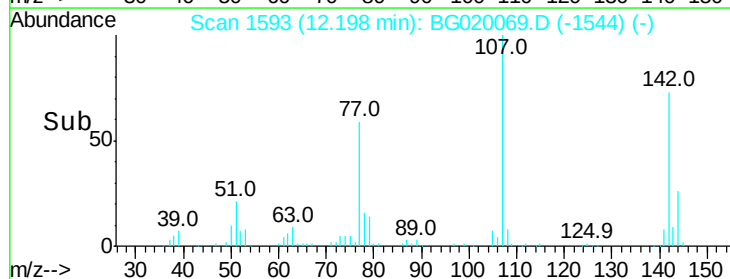
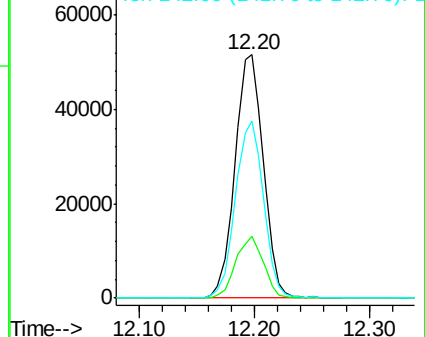
142 72.9 62.6 93.8

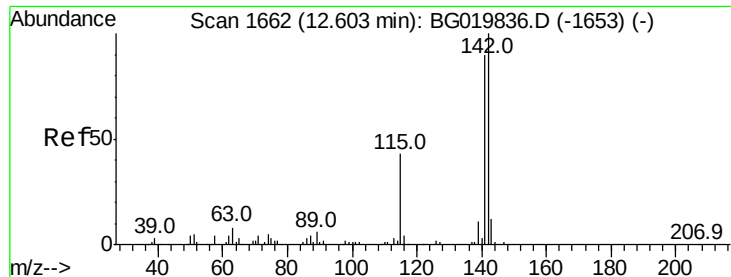


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

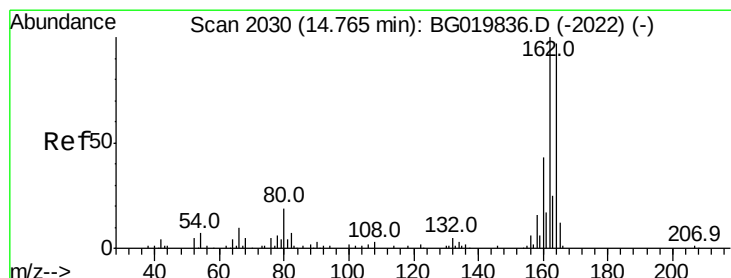
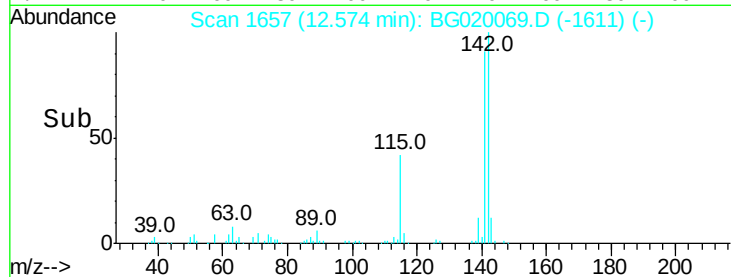
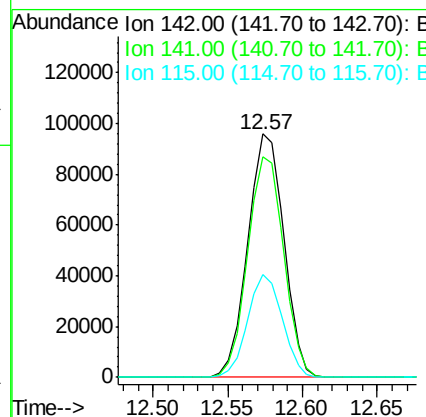
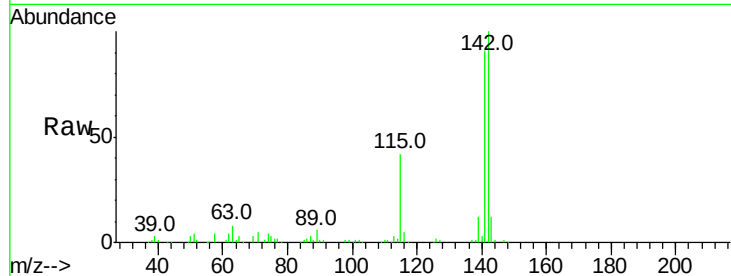




#37
2-Methylnaphthalene
Concen: 48.48 ng
RT: 12.57 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

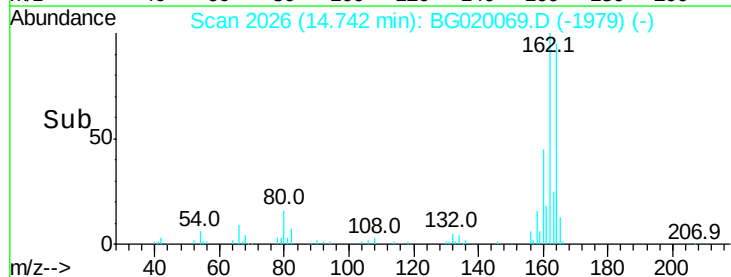
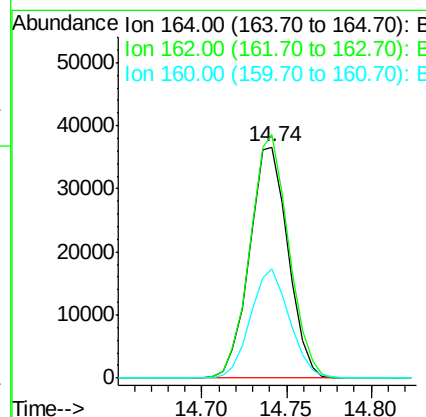
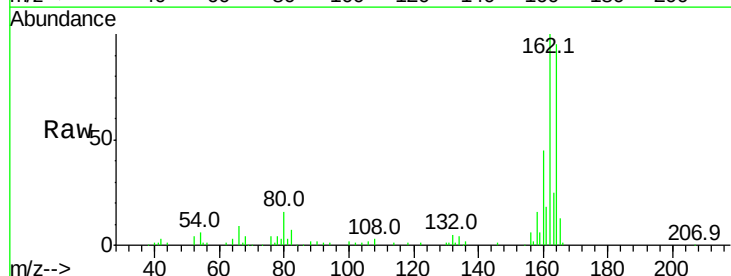
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

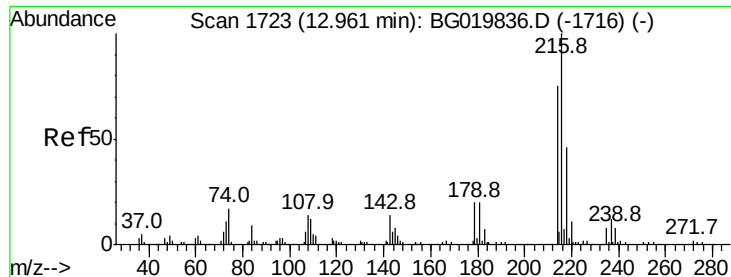
Tot Ion:142 Resp: 159712
Ion Ratio Lower Upper
142 100
141 90.8 74.6 112.0
115 42.1 27.4 41.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion:164 Resp: 57891
Ion Ratio Lower Upper
164 100
162 105.3 78.8 118.2
160 47.2 36.4 54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.58 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampled :

S8-14.5MSD

Tot Ion:216 Resp: 102328

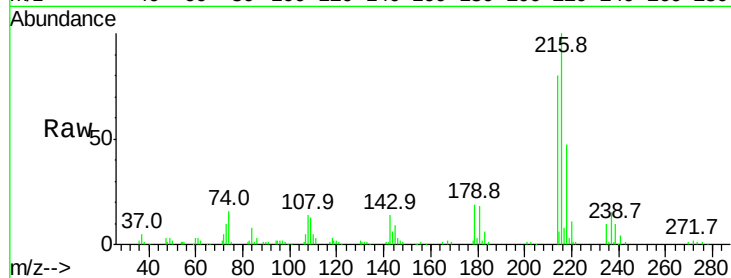
Ion Ratio Lower Upper

216 100

214 79.8 62.5 93.7

179 19.0 15.6 23.4

108 16.8 13.3 19.9

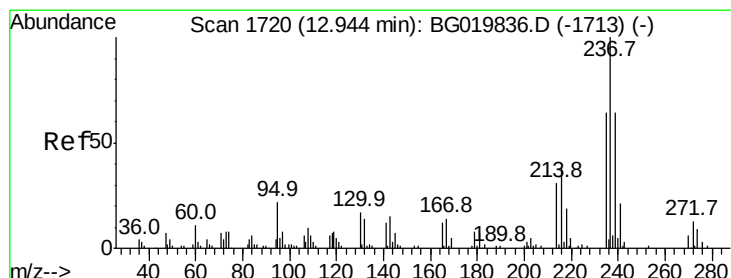
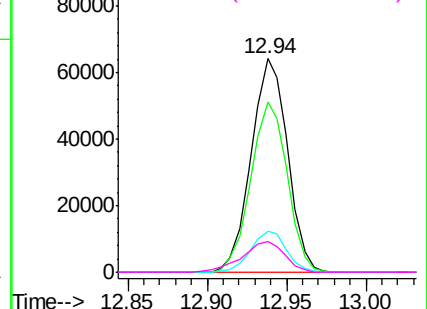
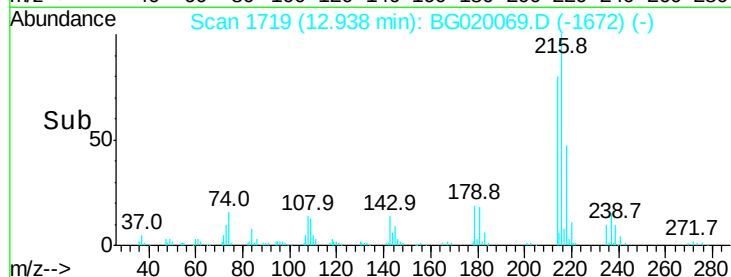


Abundance Ion 216.00 (215.70 to 216.70): E

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: 75.21 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

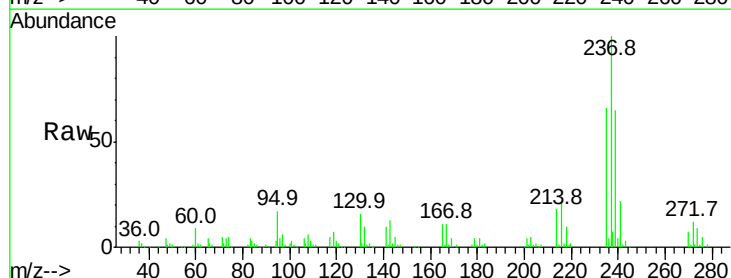
Tgt Ion:237 Resp: 94215

Ion Ratio Lower Upper

237 100

235 65.8 44.6 84.6

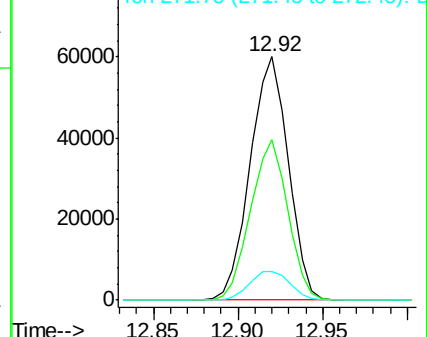
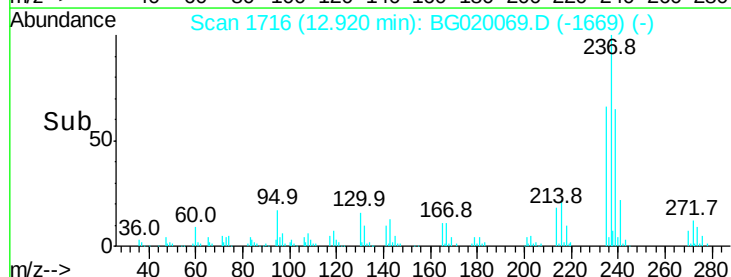
272 11.8 0.0 32.8

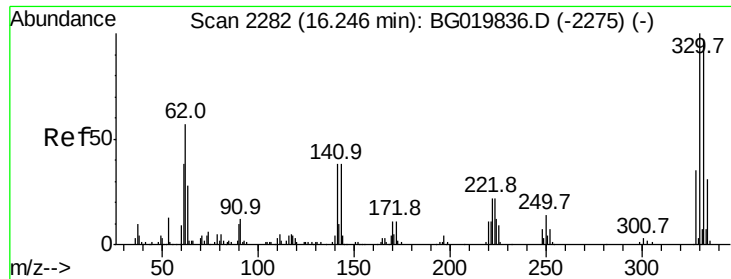


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

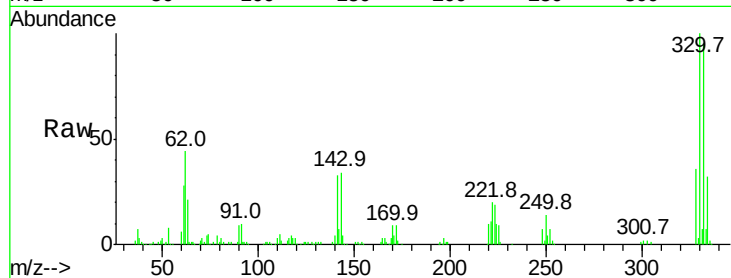




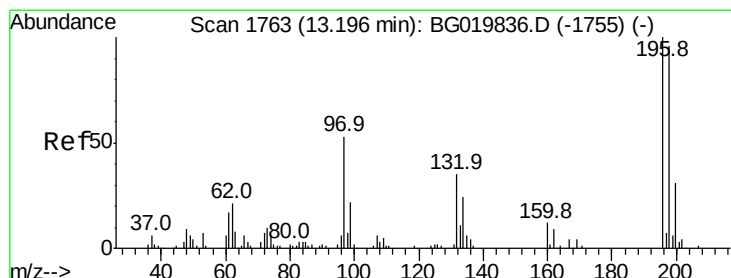
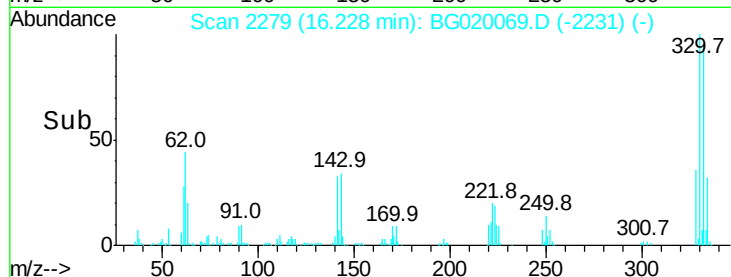
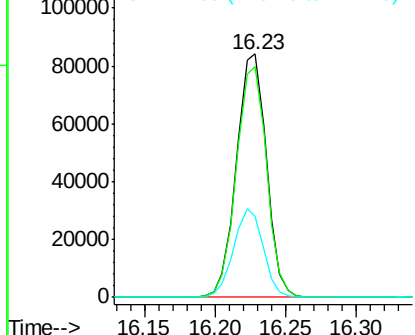
#41
 2,4,6-Tribromophenol
 Concen: 140.99 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Instrument :
 BNA_G
 ClientSampled :
 S8-14.5MSD

Tot Ion:330 Resp: 124883
 Ion Ratio Lower Upper
 330 100
 332 95.6 78.1 117.1
 141 35.9 28.2 42.2

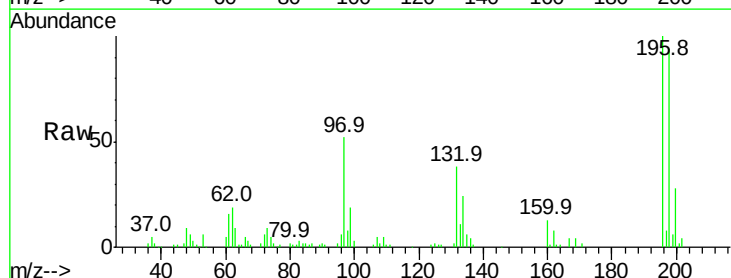


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

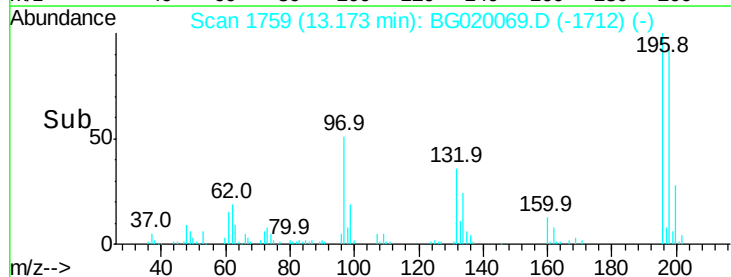
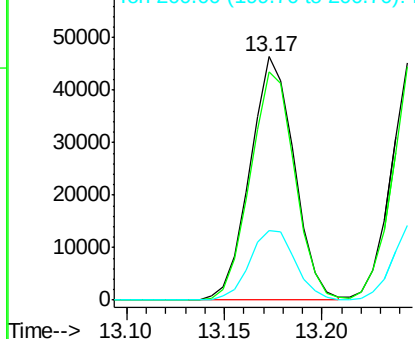


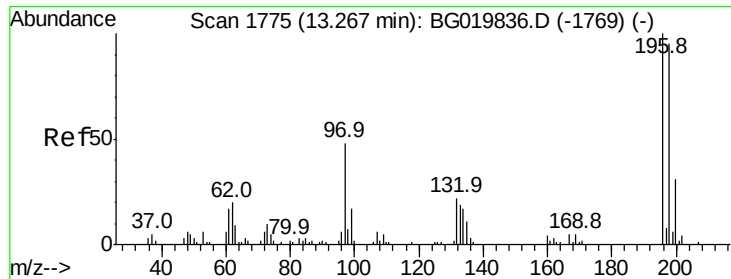
#42
 2,4,6-Trichlorophenol
 Concen: 49.87 ng
 RT: 13.17 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion:196 Resp: 72529
 Ion Ratio Lower Upper
 196 100
 198 93.7 74.7 112.1
 200 28.3 24.1 36.1



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

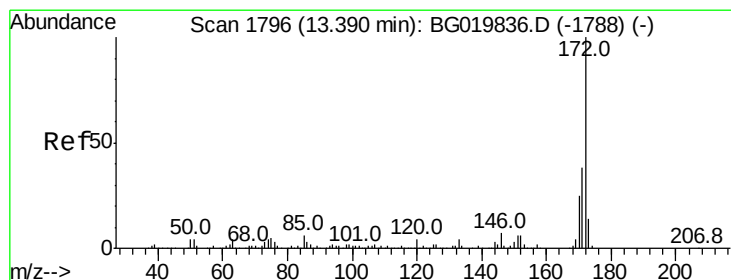
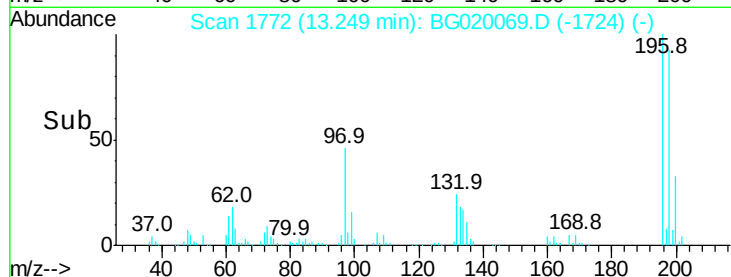
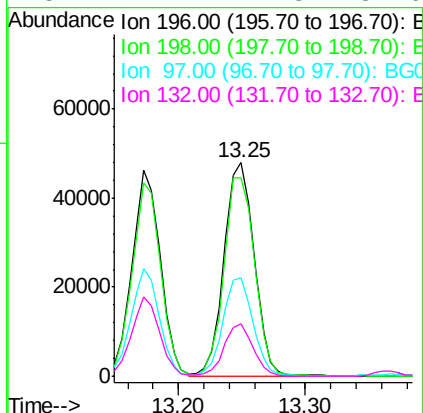
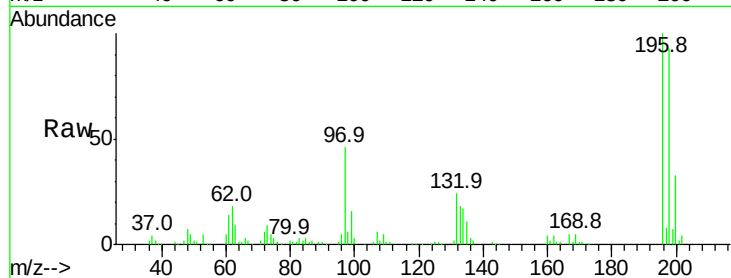




#43
 2,4,5-Trichlorophenol
 Concen: 51.45 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

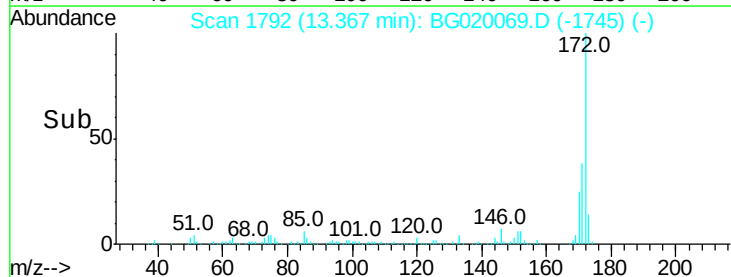
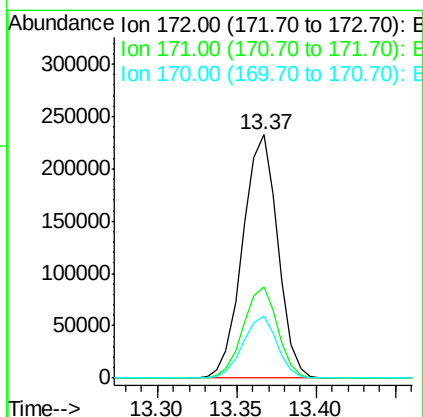
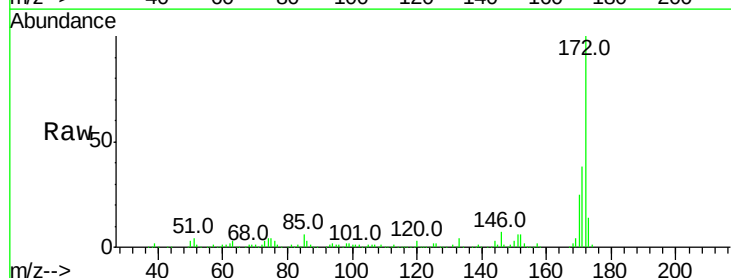
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

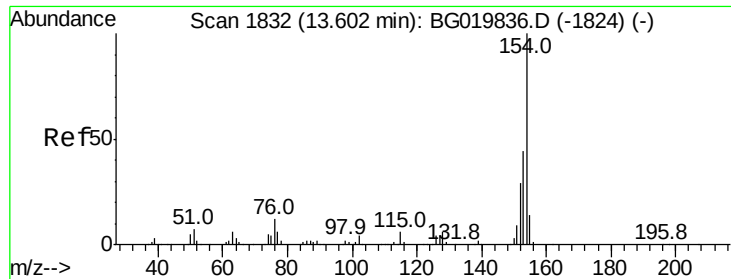
Tot Ion:	196	Resp:	79088
Ion	Ratio	Lower	Upper
196	100		
198	93.0	75.2	112.8
97	46.4	34.2	51.2
132	24.4	21.8	32.6



#44
 2-Fluorobiphenyl
 Concen: 84.00 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion:	172	Resp:	356163
Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.0	43.6
170	25.2	19.9	29.9





#45

1,1'-Biphenyl

Concen: 44.96 ng

RT: 13.58 min Scan# 1828

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

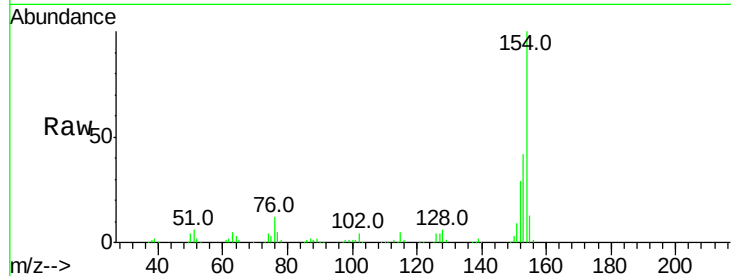
Tot Ion:154 Resp: 213583

Ion Ratio Lower Upper

154 100

153 42.4 21.9 61.9

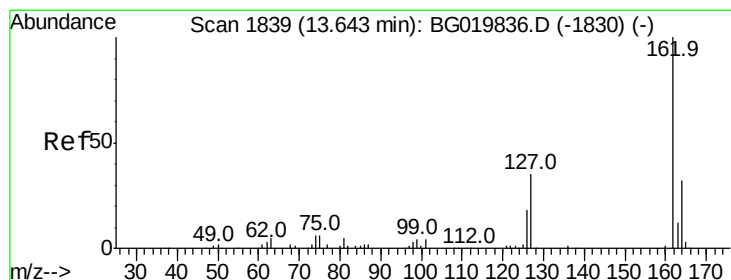
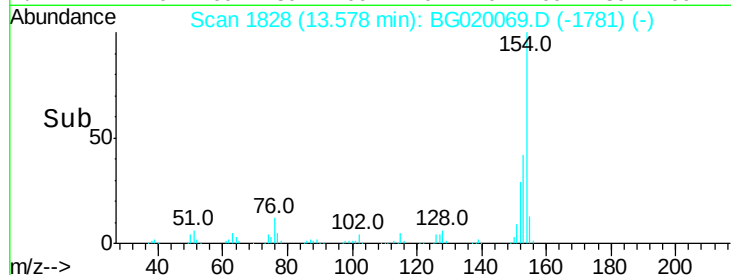
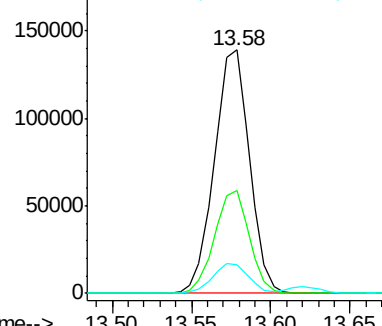
76 11.6 0.0 33.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 46.80 ng

RT: 13.62 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

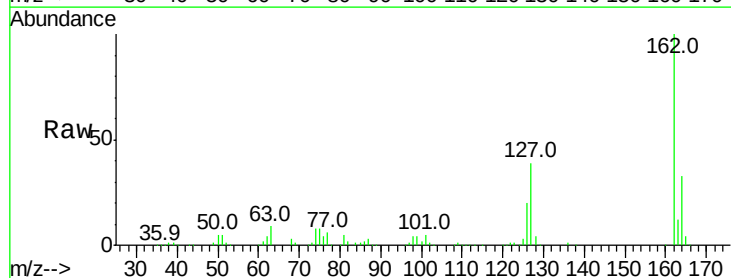
Tgt Ion:162 Resp: 171399

Ion Ratio Lower Upper

162 100

127 38.9 28.3 42.5

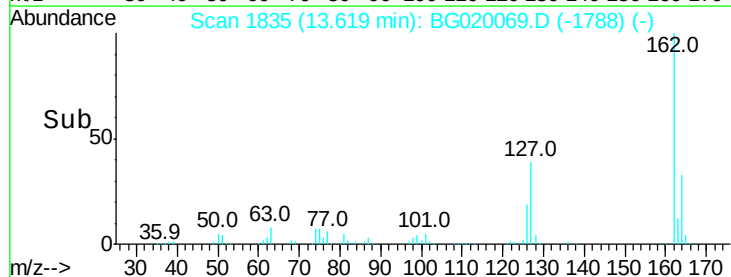
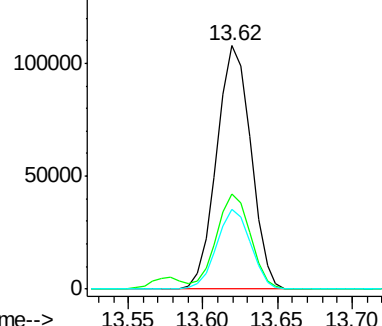
164 32.7 27.4 41.0

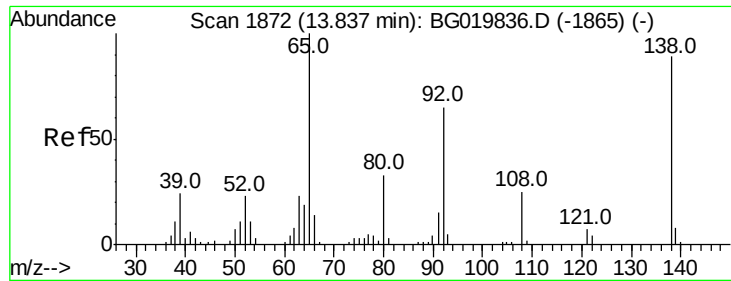


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

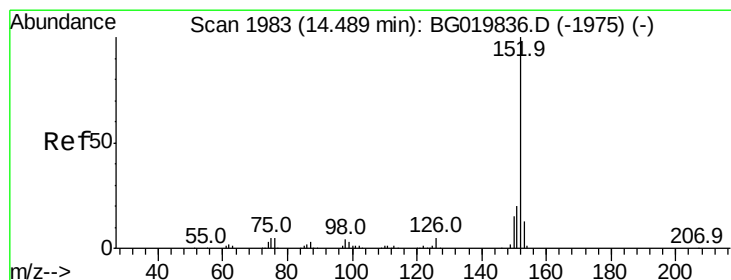
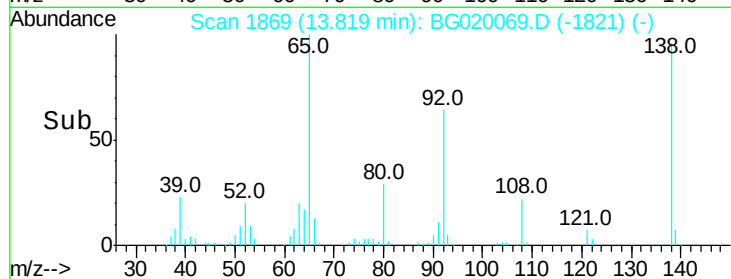
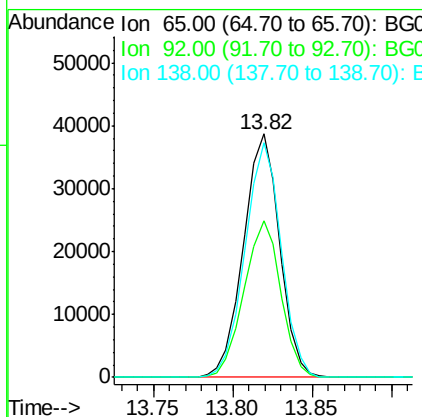
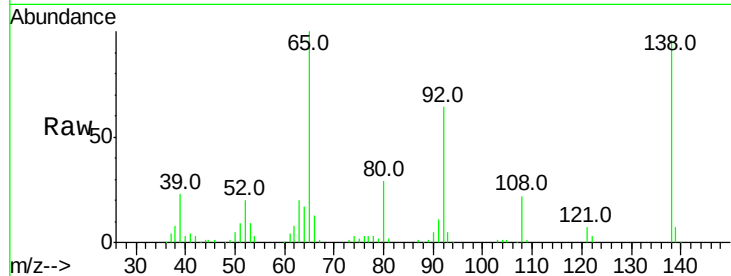




#47
 2-Nitroaniline
 Concen: 53.05 ng
 RT: 13.82 min Scan# 1869
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

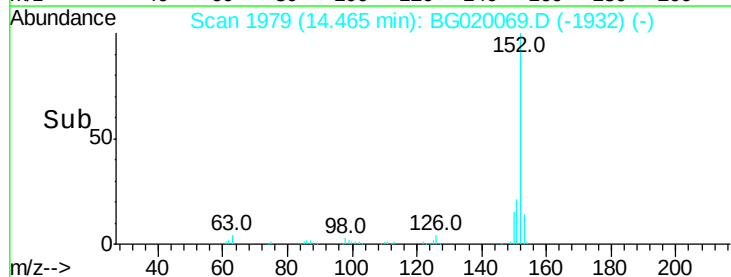
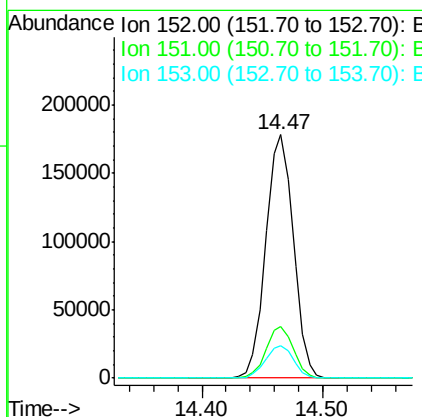
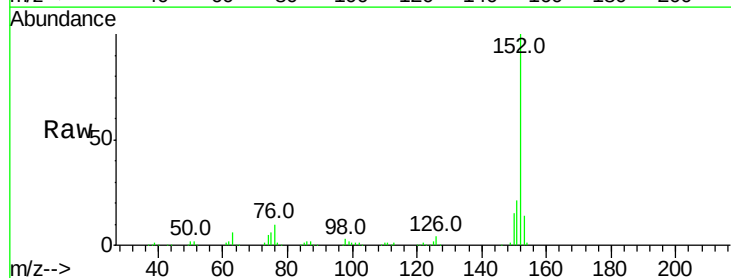
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

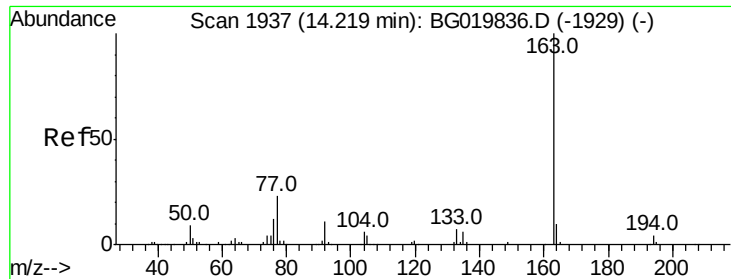
Tot Ion: 65 Resp: 61354
 Ion Ratio Lower Upper
 65 100
 92 64.1 54.8 82.2
 138 96.4 89.6 134.4



#48
 Acenaphthylene
 Concen: 45.14 ng
 RT: 14.47 min Scan# 1979
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion: 152 Resp: 281551
 Ion Ratio Lower Upper
 152 100
 151 21.1 17.0 25.4
 153 13.6 10.4 15.6





#49

Dimethylphthalate

Concen: 63.78 ng

RT: 14.19 min Scan# 1932

Delta R.T. -0.03 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

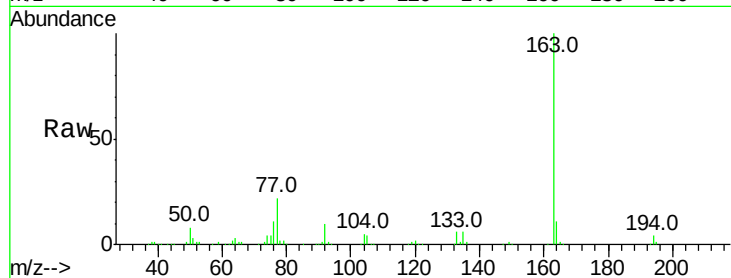
Tot Ion:163 Resp: 332118

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

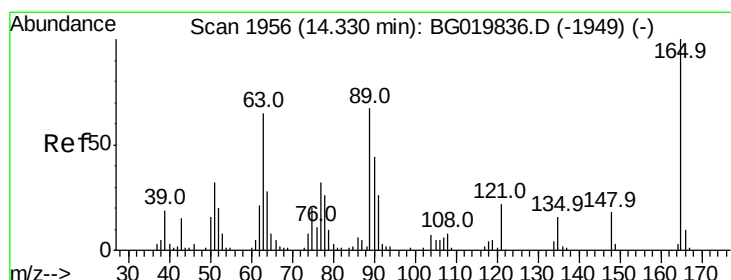
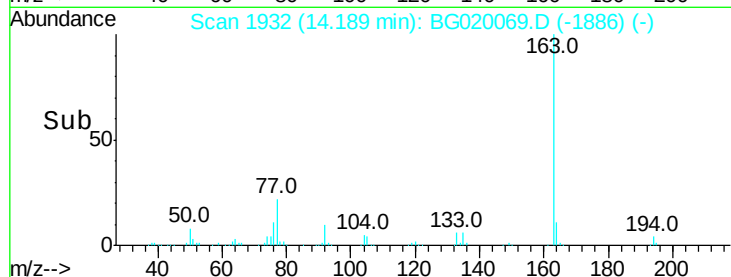
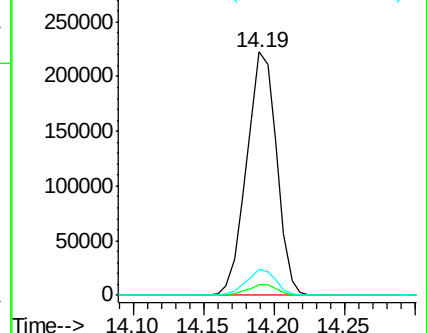
164 10.6 8.8 13.2



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: 52.06 ng

RT: 14.31 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

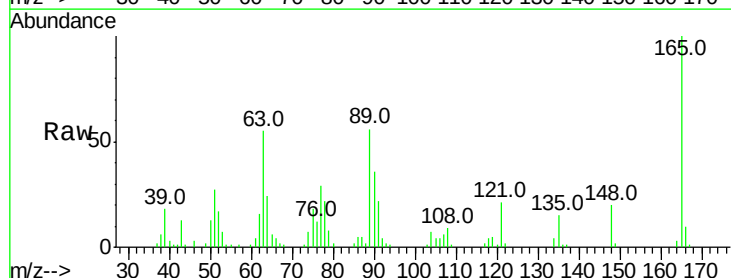
Tgt Ion:165 Resp: 50971

Ion Ratio Lower Upper

165 100

63 55.2 35.7 53.5#

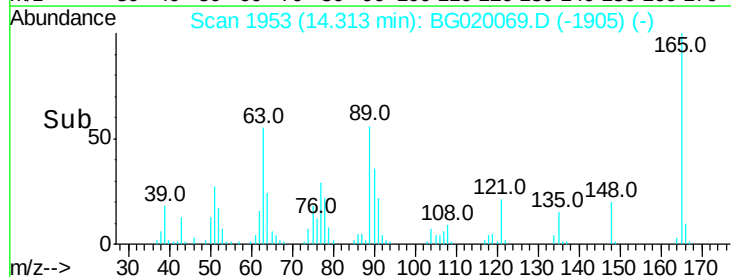
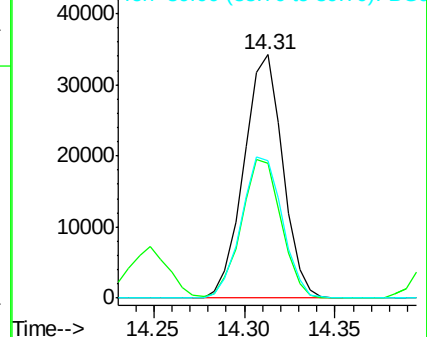
89 56.4 39.7 59.5

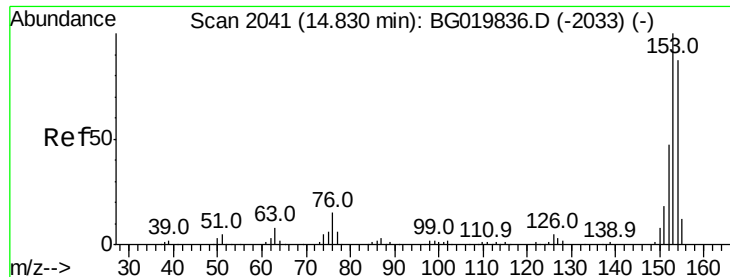


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 47.49 ng

RT: 14.81 min Scan# 2037

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

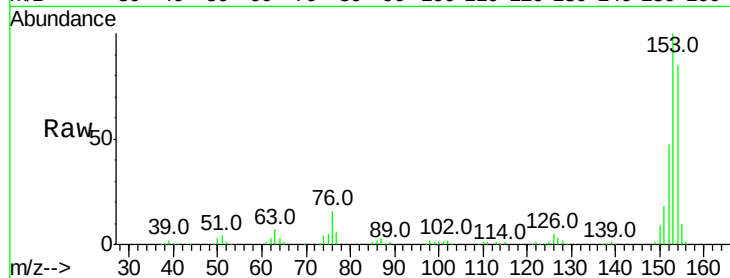
Tot Ion:154 Resp: 179740

Ion Ratio Lower Upper

154 100

153 118.0 92.9 139.3

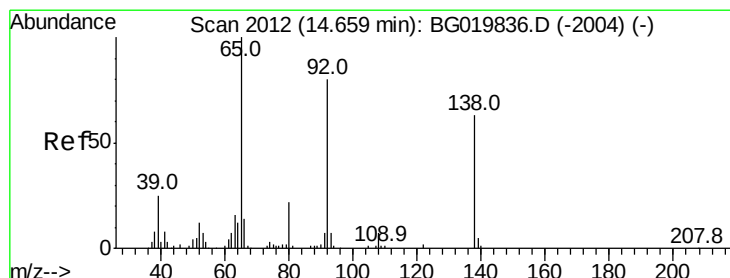
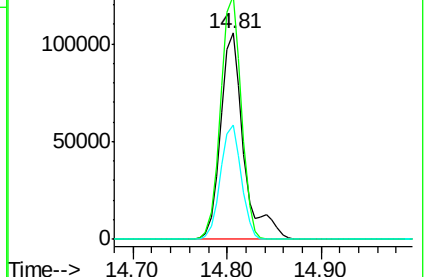
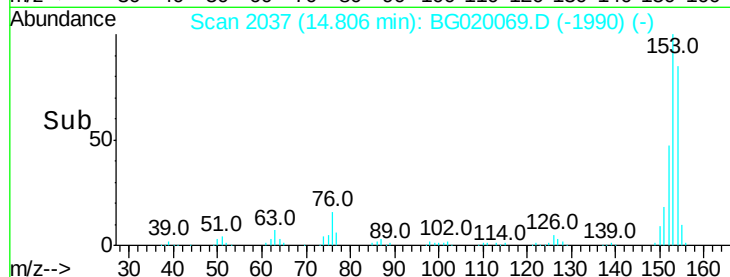
152 55.4 45.8 68.8



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: 35.58 ng

RT: 14.64 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

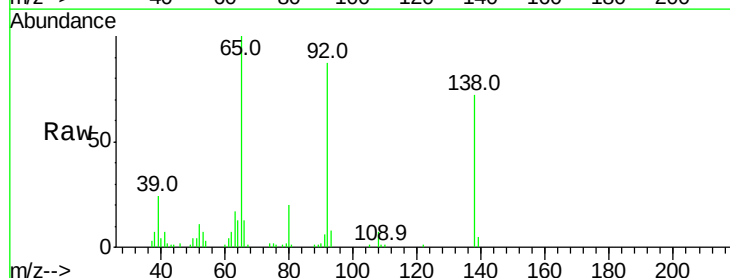
Tgt Ion:138 Resp: 36191

Ion Ratio Lower Upper

138 100

108 10.2 7.9 11.9

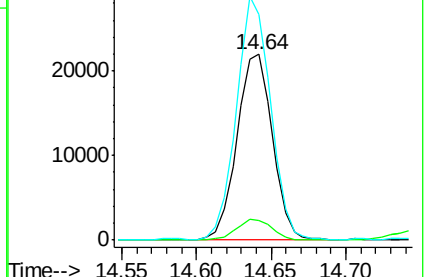
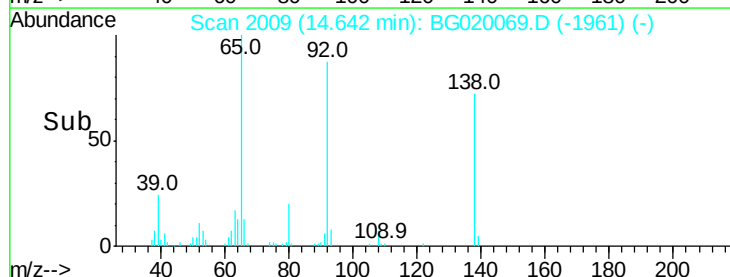
92 121.6 94.2 141.4

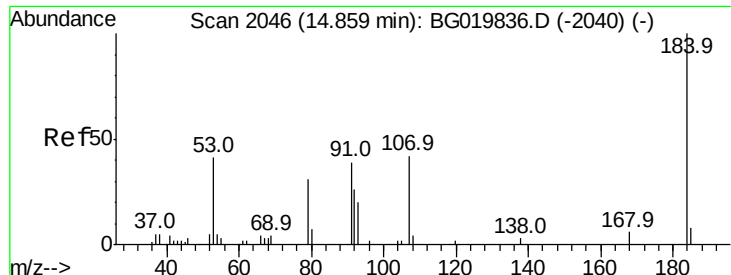


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG0

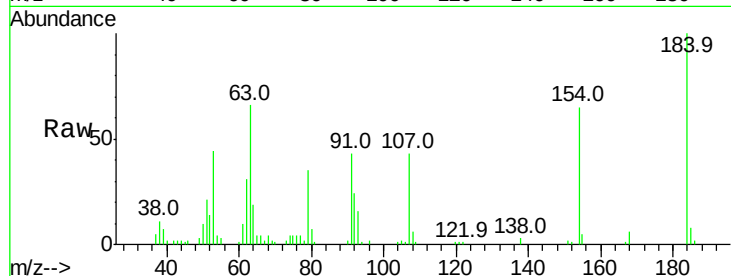




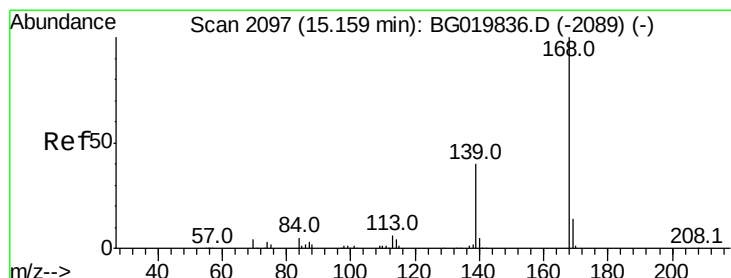
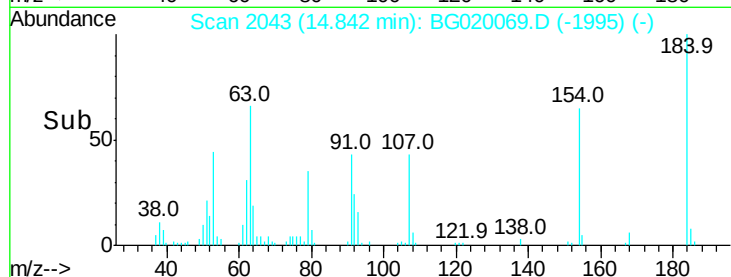
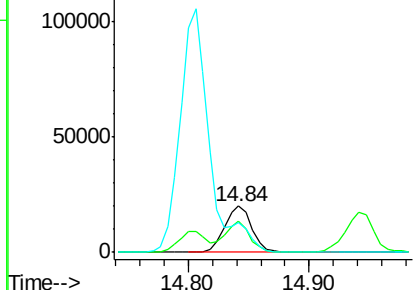
#53
 2,4-Dinitrophenol
 Concen: 61.87 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

Tot Ion:184 Resp: 31000
 Ion Ratio Lower Upper
 184 100
 63 66.3 42.7 64.1#
 154 64.7 44.3 66.5

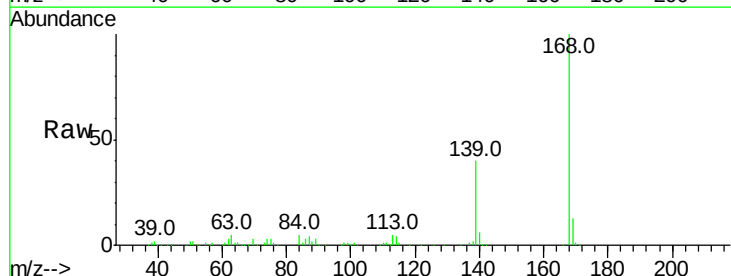


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

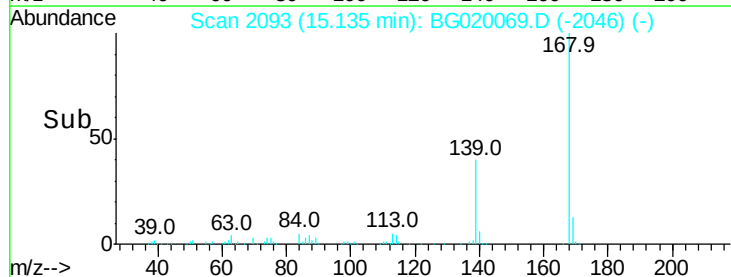
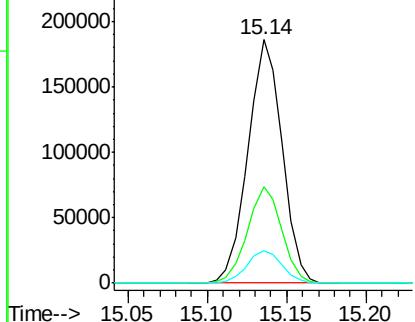


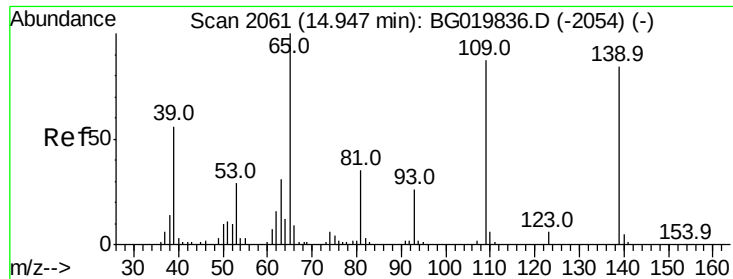
#54
 Dibenzofuran
 Concen: 49.56 ng
 RT: 15.14 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion:168 Resp: 279066
 Ion Ratio Lower Upper
 168 100
 139 39.7 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

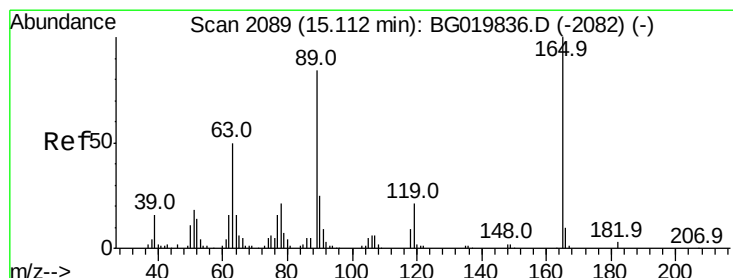
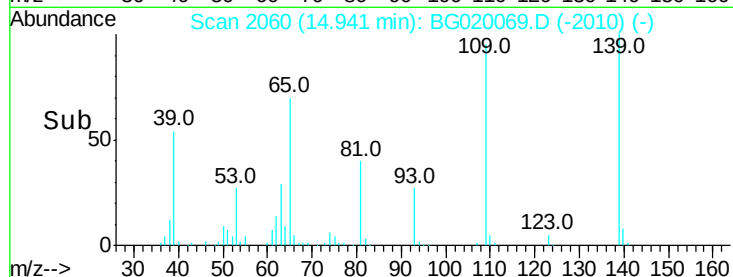
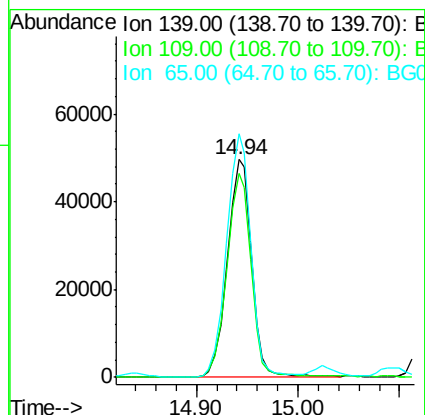
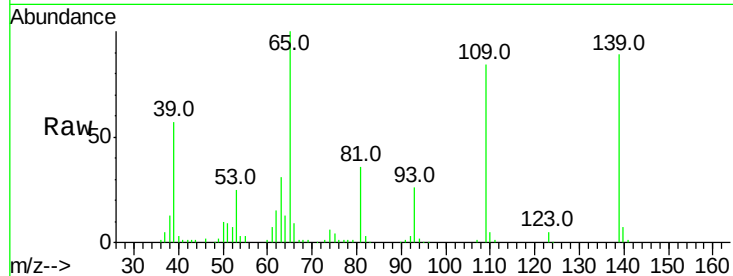




#55
4-Nitrophenol
Concen: 93.43 ng
RT: 14.94 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

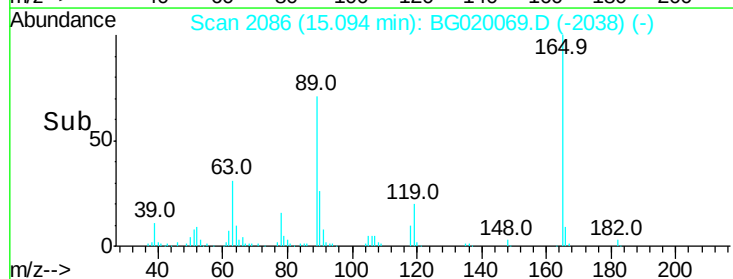
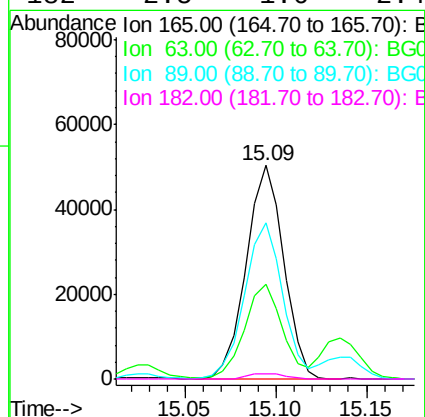
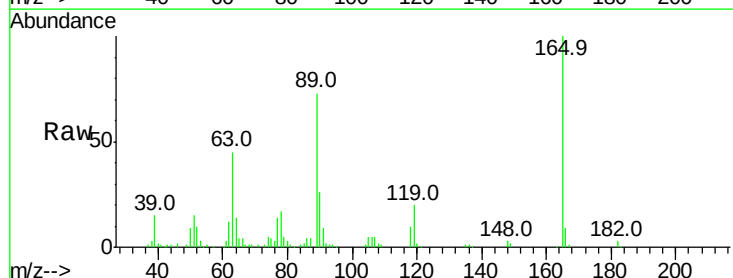
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

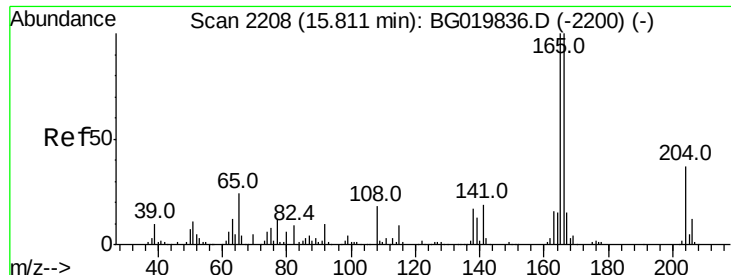
Tot Ion:139 Resp: 82770
Ion Ratio Lower Upper
139 100
109 93.4 43.2 83.2#
65 111.8 67.8 107.8#



#56
2,4-Dinitrotoluene
Concen: 52.92 ng
RT: 15.09 min Scan# 2086
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion:165 Resp: 72288
Ion Ratio Lower Upper
165 100
63 44.6 31.0 46.4
89 72.9 54.4 81.6
182 2.5 1.6 2.4#





#57

Fluorene

Concen: 44.09 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

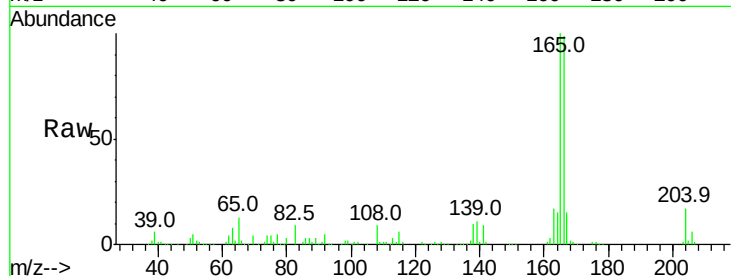
Tot Ion:166 Resp: 222199

Ion Ratio Lower Upper

166 100

165 101.3 80.0 120.0

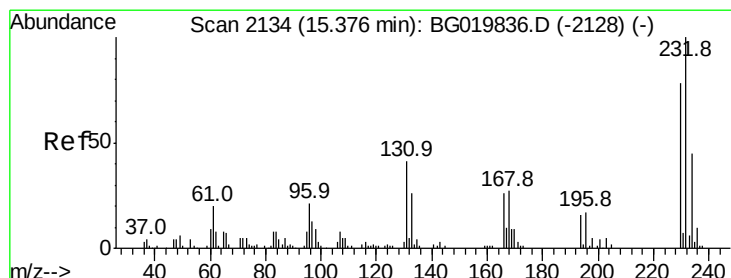
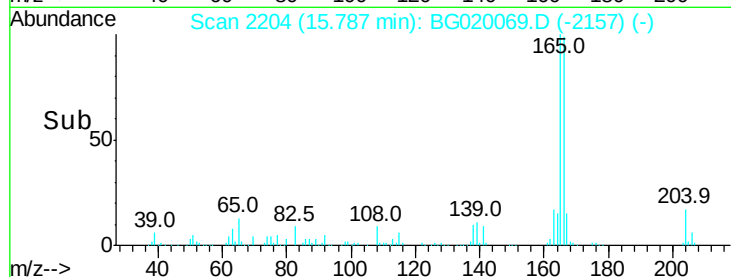
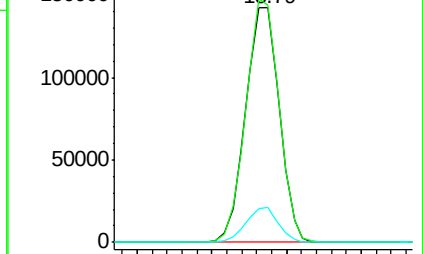
167 14.7 11.1 16.7



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: 53.20 ng

RT: 15.36 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Tgt Ion:232 Resp: 75679

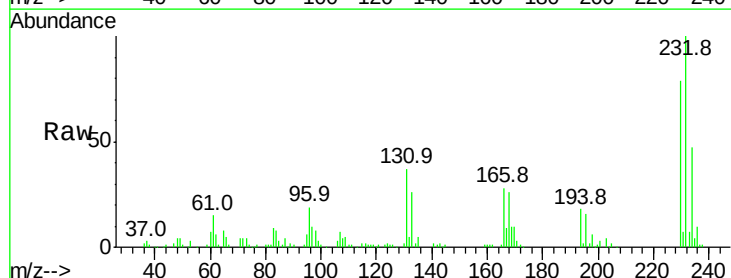
Ion Ratio Lower Upper

232 100

131 38.7 33.0 49.6

130 2.2 2.0 3.0

166 27.6 24.1 36.1

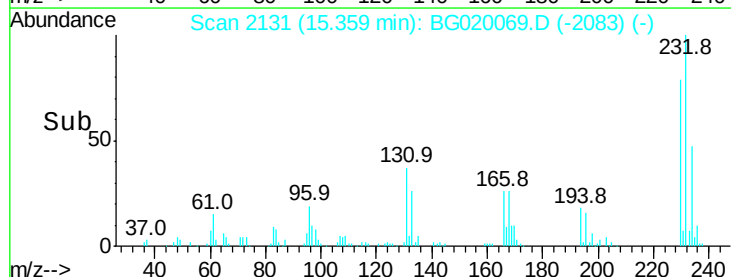
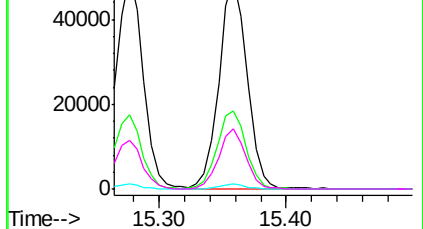


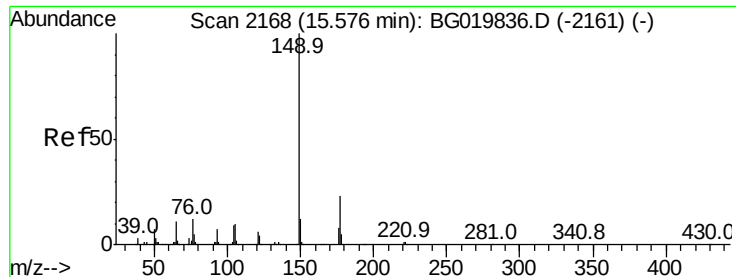
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.31 ng

RT: 15.55 min Scan# 2163

Delta R.T. -0.03 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

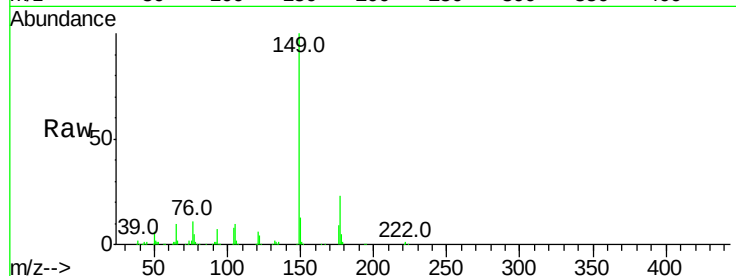
Tot Ion:149 Resp: 232812

Ion Ratio Lower Upper

149 100

177 23.3 19.6 29.4

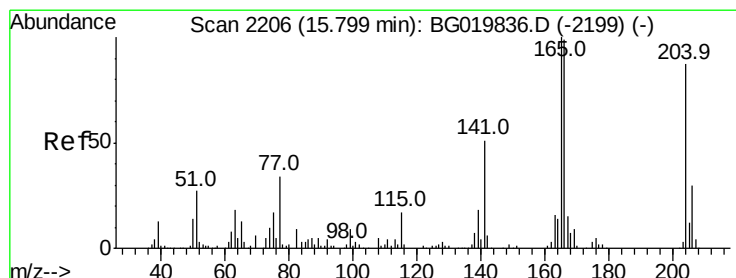
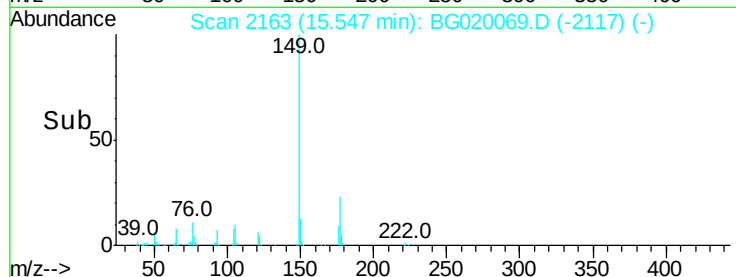
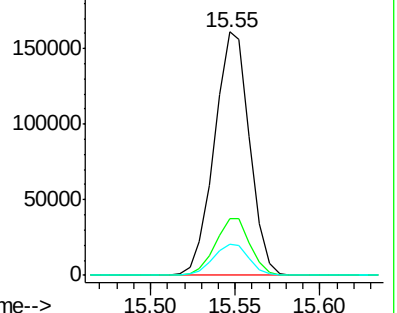
150 13.0 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.11 ng

RT: 15.78 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

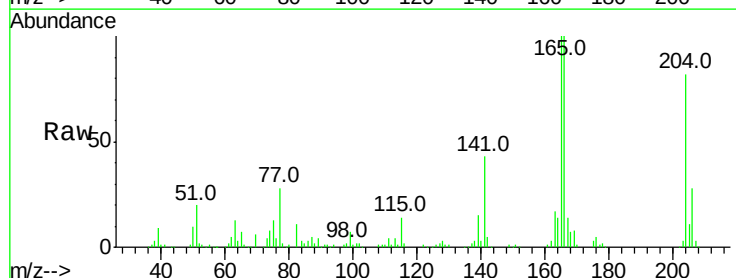
Tgt Ion:204 Resp: 124752

Ion Ratio Lower Upper

204 100

206 33.8 28.3 42.5

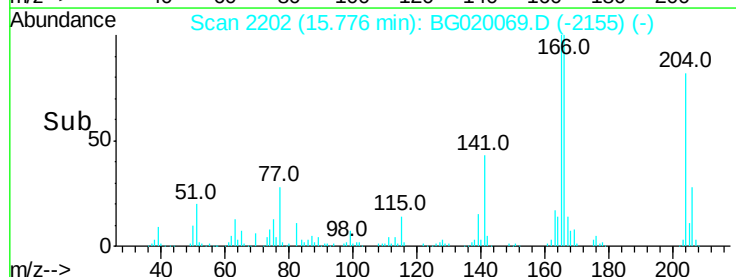
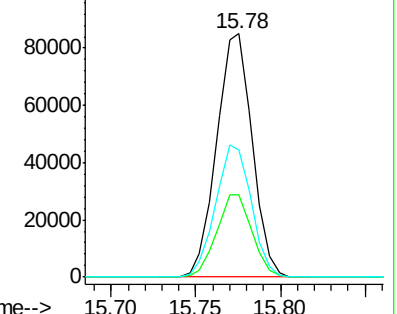
141 52.3 44.0 66.0

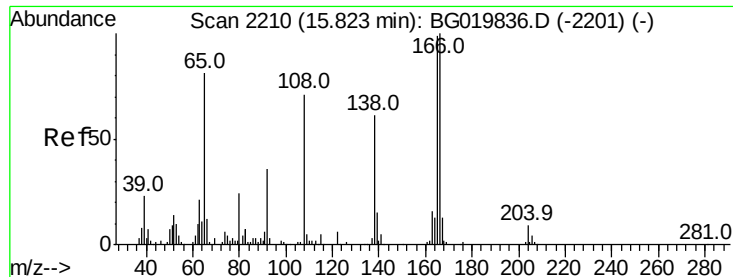


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

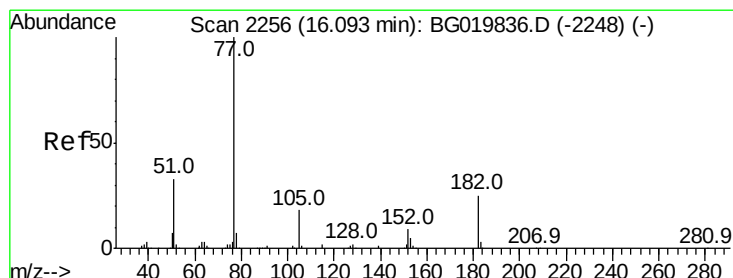
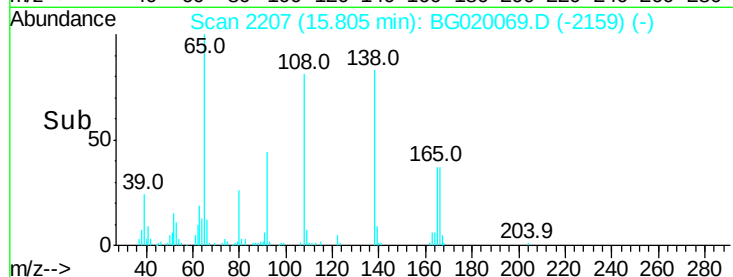
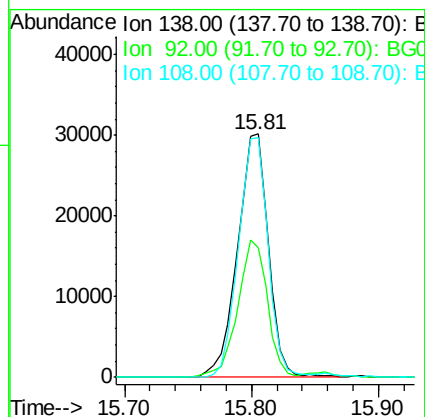
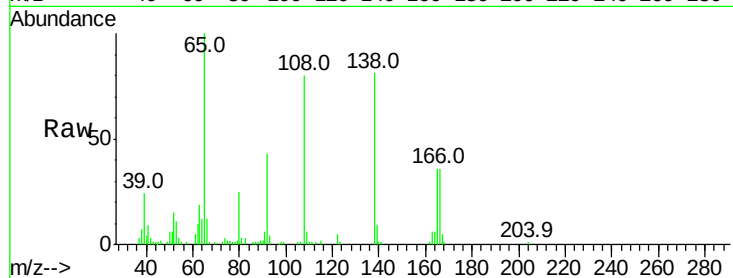




#61
4-Nitroaniline
Concen: 44.33 ng
RT: 15.81 min Scan# 2207
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

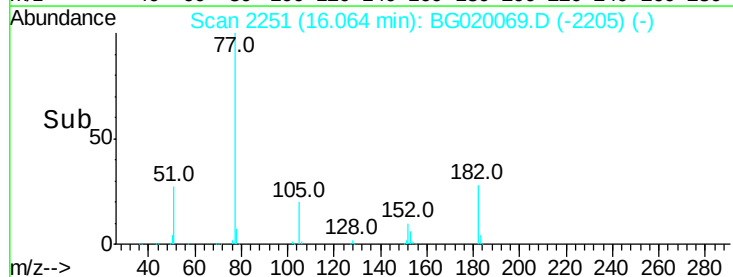
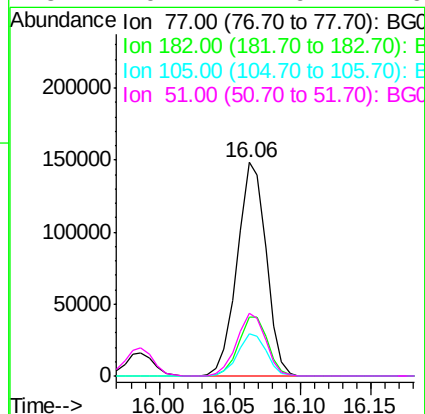
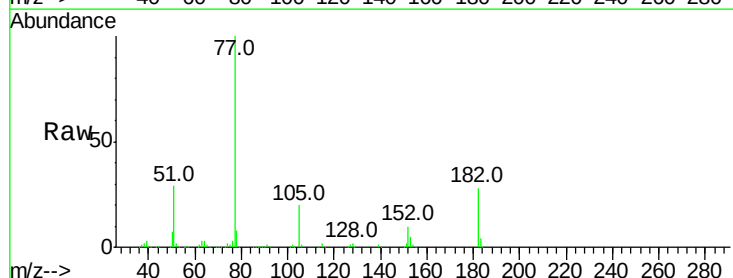
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

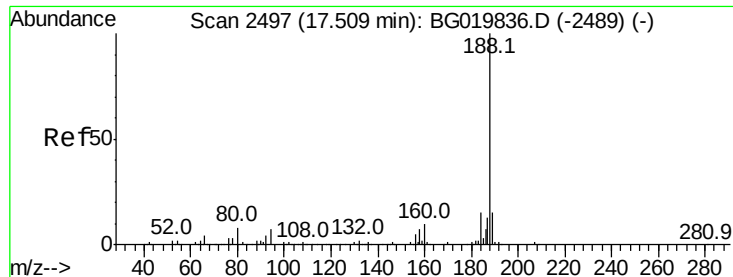
Tot Ion:138 Resp: 50716
Ion Ratio Lower Upper
138 100
92 53.5 29.1 69.1
108 98.2 49.8 89.8#



#62
Azobenzene
Concen: 45.39 ng
RT: 16.06 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion: 77 Resp: 212849
Ion Ratio Lower Upper
77 100
182 27.7 7.0 47.0
105 20.0 1.4 41.4
51 29.4 4.9 44.9

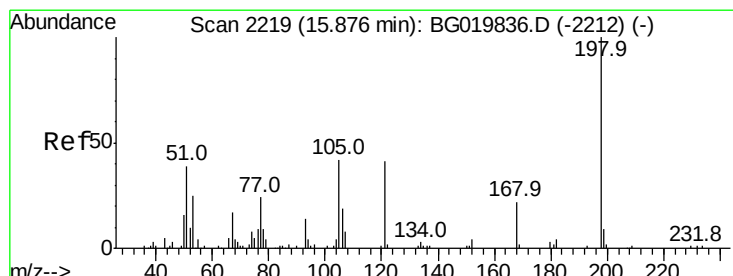
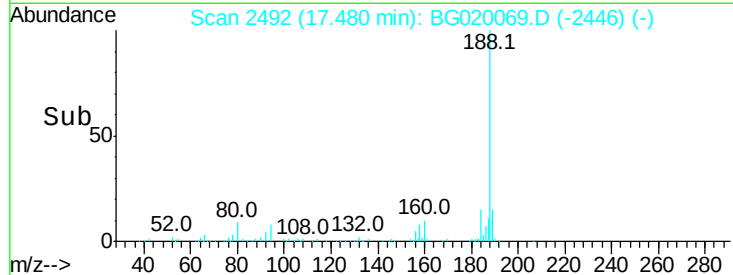
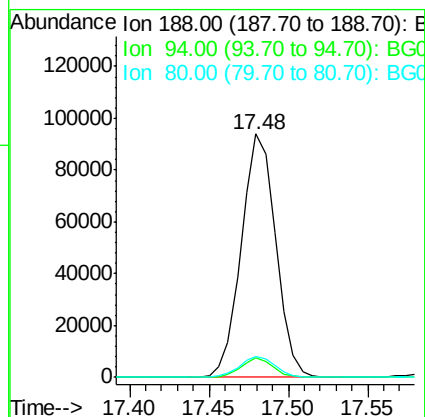
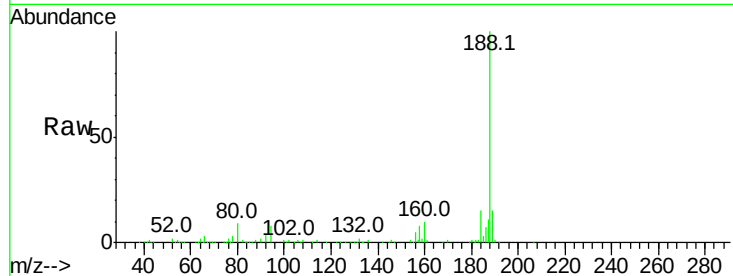




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2492
 Delta R.T. -0.03 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

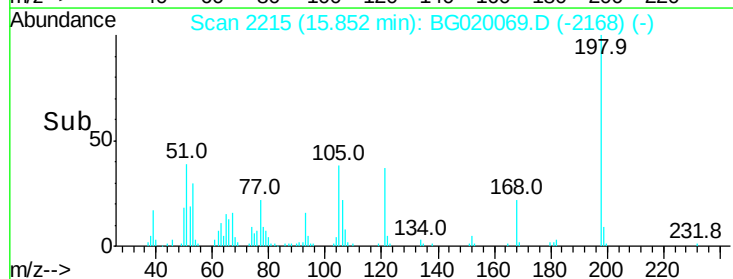
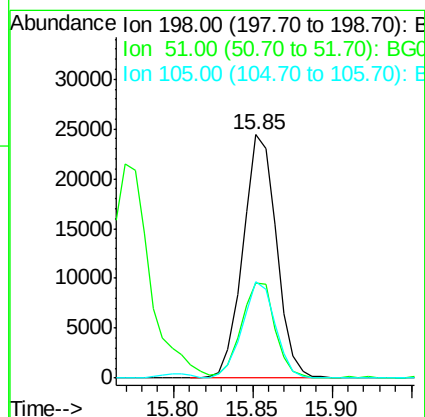
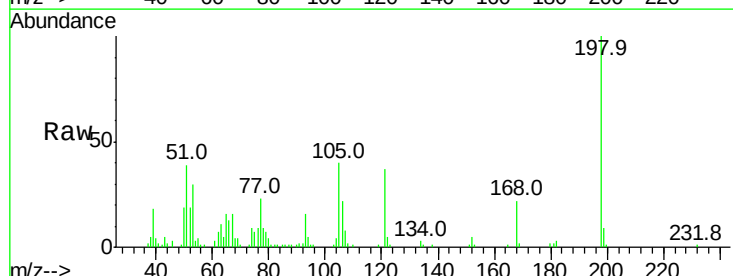
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

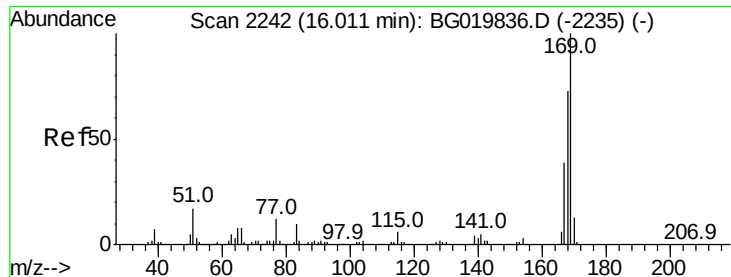
Tot Ion:188 Resp: 141319
 Ion Ratio Lower Upper
 188 100
 94 7.9 7.7 11.5
 80 8.7 7.8 11.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.39 ng
 RT: 15.85 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion:198 Resp: 35738
 Ion Ratio Lower Upper
 198 100
 51 39.2 14.2 54.2
 105 39.7 21.1 61.1

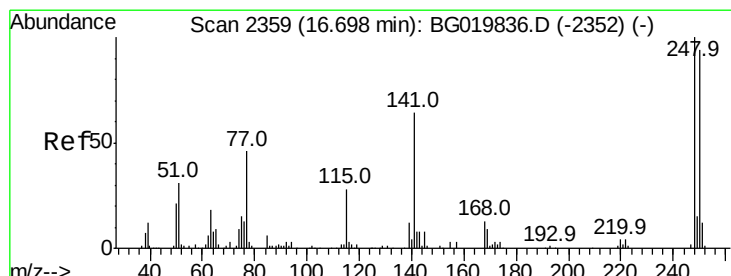
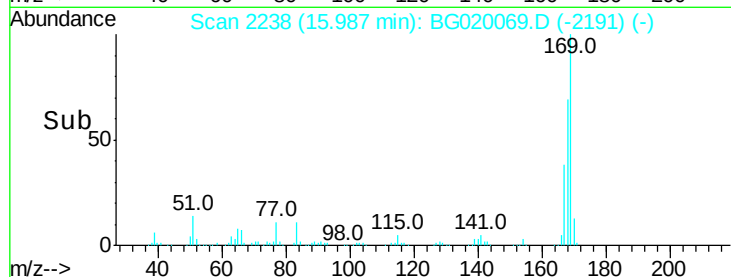
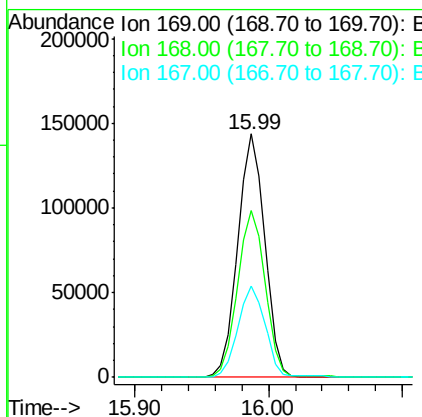
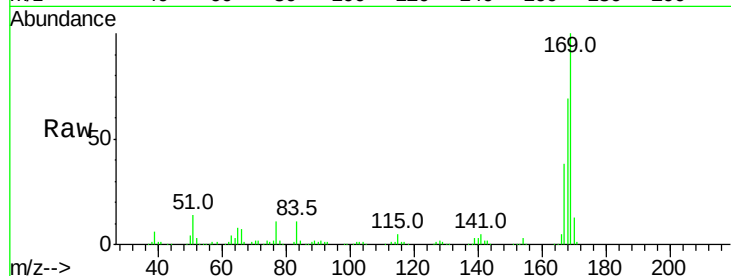




#65
n-Nitrosodiphenylamine
Concen: 49.24 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

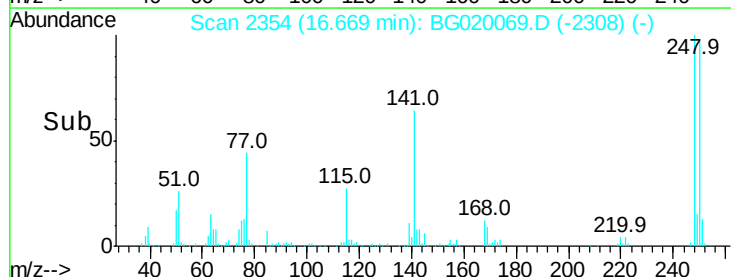
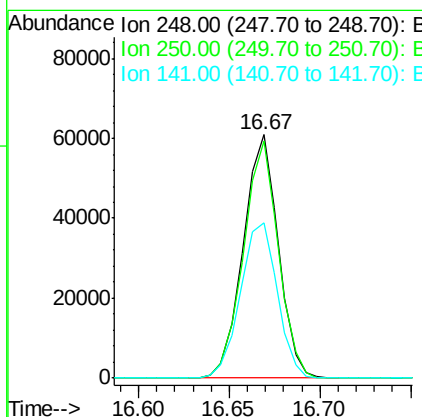
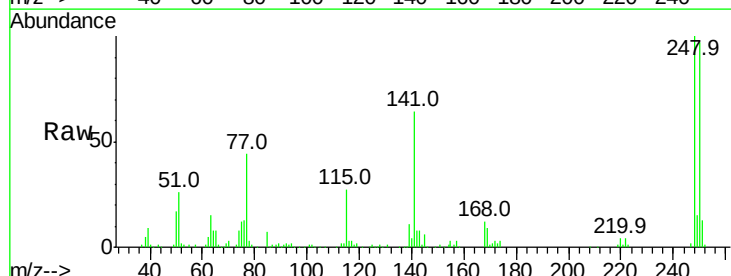
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

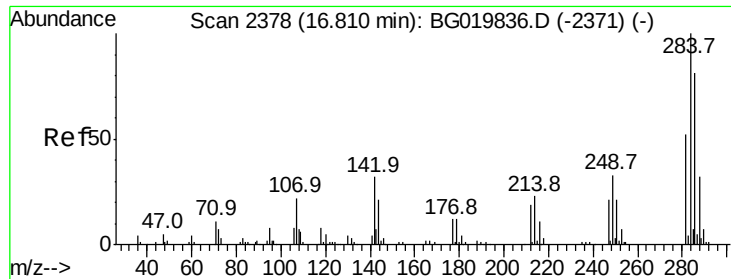
Tot Ion:169 Resp: 201354
Ion Ratio Lower Upper
169 100
168 68.6 58.2 87.2
167 37.6 32.7 49.1



#66
4-Bromophenyl-phenylether
Concen: 46.61 ng
RT: 16.67 min Scan# 2354
Delta R.T. -0.03 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion:248 Resp: 81845
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 63.7 50.4 75.6





#67

Hexachlorobenzene

Concen: 48.37 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

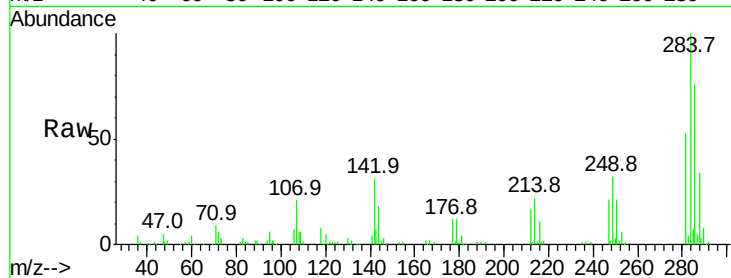
Tot Ion:284 Resp: 88488

Ion Ratio Lower Upper

284 100

142 30.6 26.6 39.8

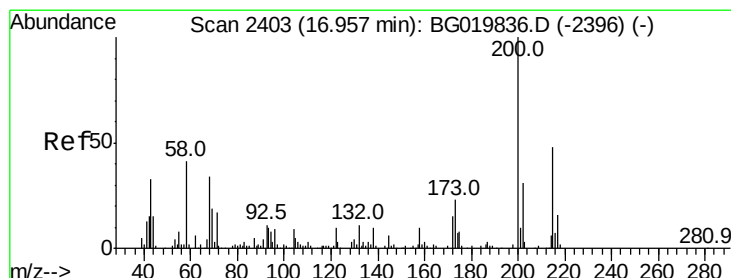
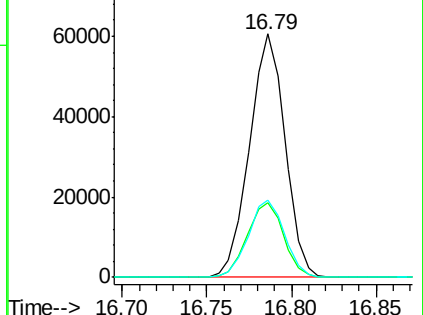
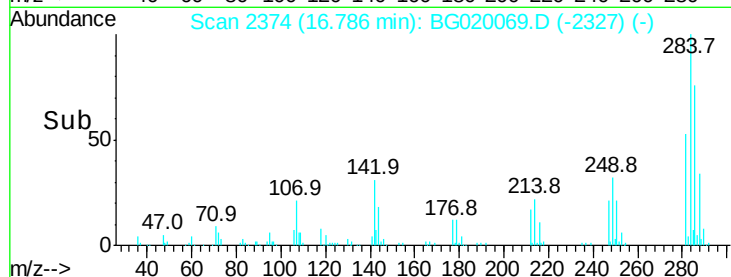
249 31.7 26.2 39.2



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: 47.72 ng

RT: 16.93 min Scan# 2399

Delta R.T. -0.02 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

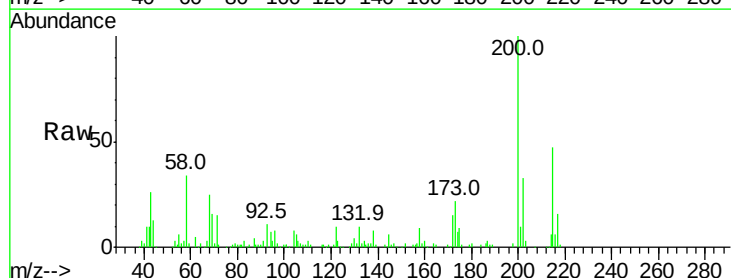
Tgt Ion:200 Resp: 84785

Ion Ratio Lower Upper

200 100

173 21.9 5.2 45.2

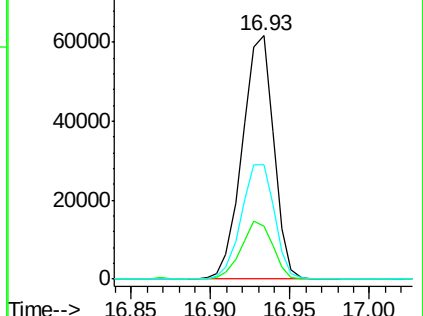
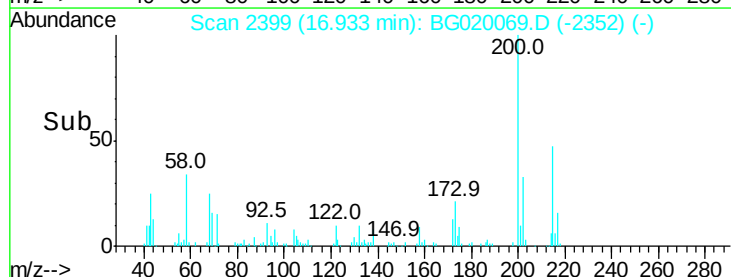
215 47.1 27.0 67.0

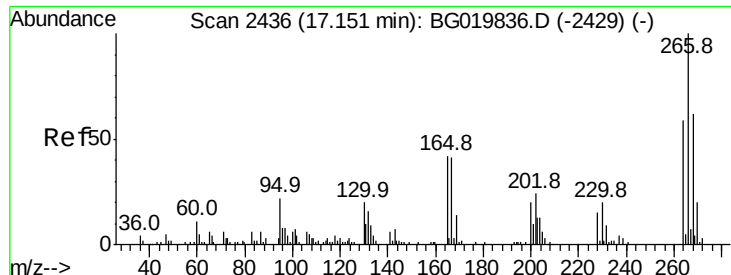


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

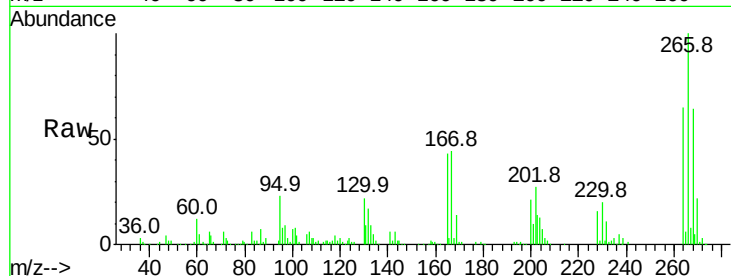




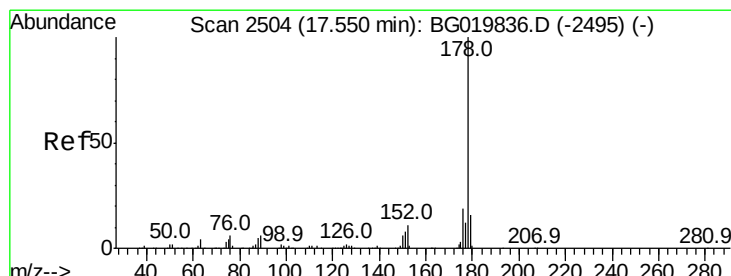
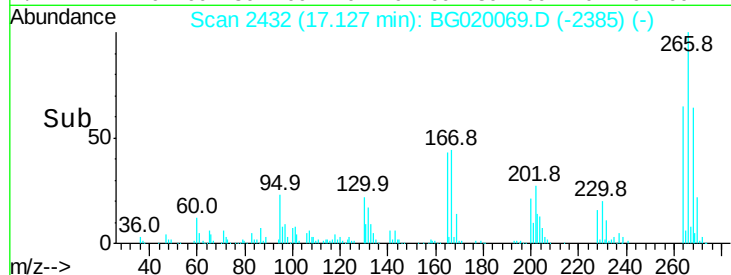
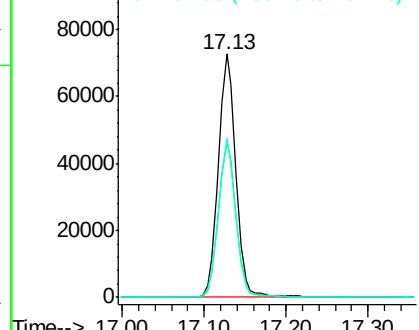
#69
 Pentachlorophenol
 Concen: 102.26 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Instrument :
 BNA_G
 ClientSampled :
 S8-14.5MSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	47.6	71.4
264	65.5	48.1	72.1

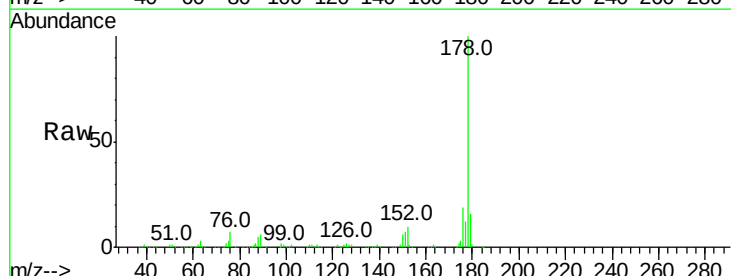


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

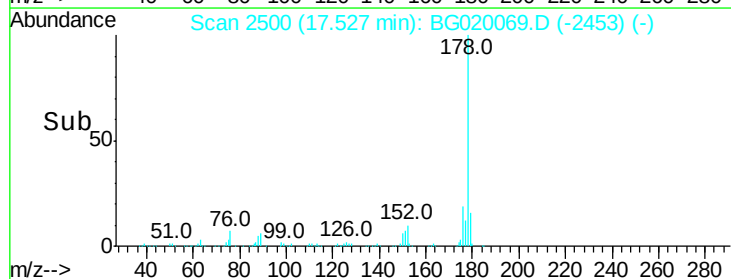
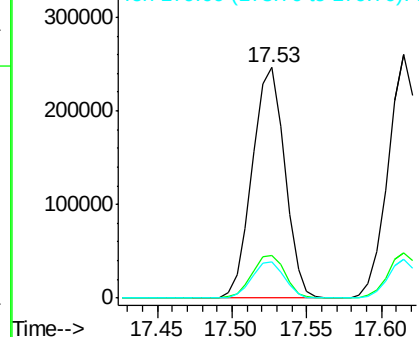


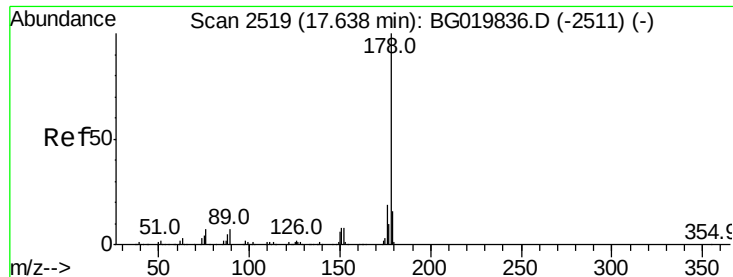
#70
 Phenanthrene
 Concen: 46.46 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	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

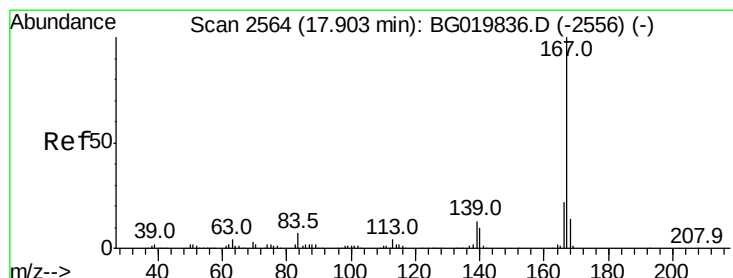
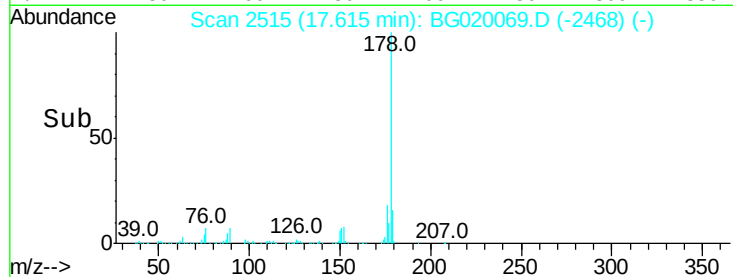
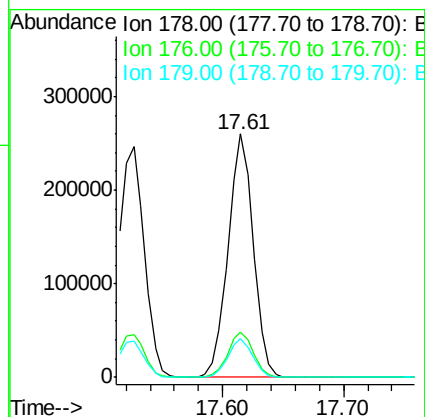
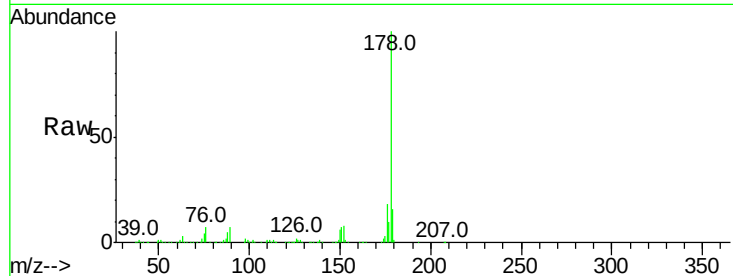




#71
 Anthracene
 Concen: 46.20 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

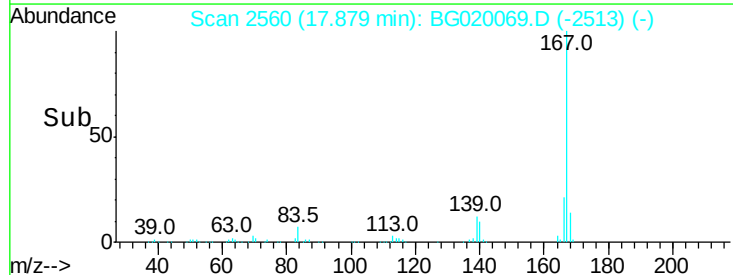
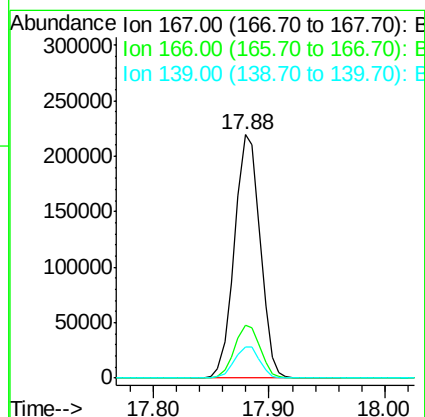
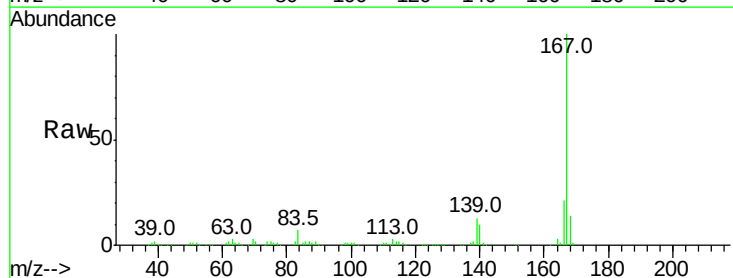
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

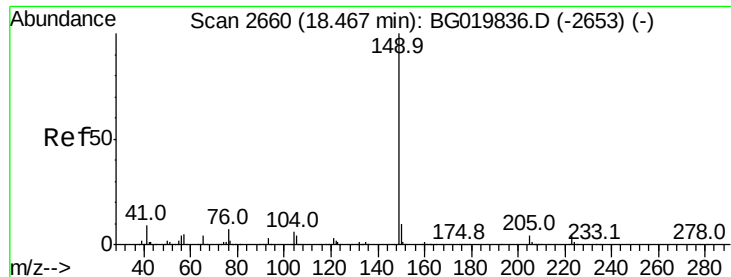
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.8	25.2
179	15.9	13.9	20.9



#72
 Carbazole
 Concen: 47.16 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	19.0	28.6
139	12.7	10.2	15.4

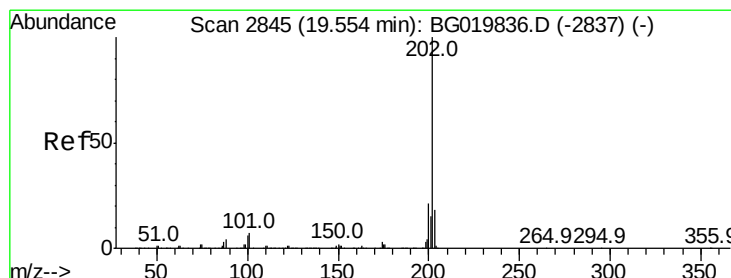
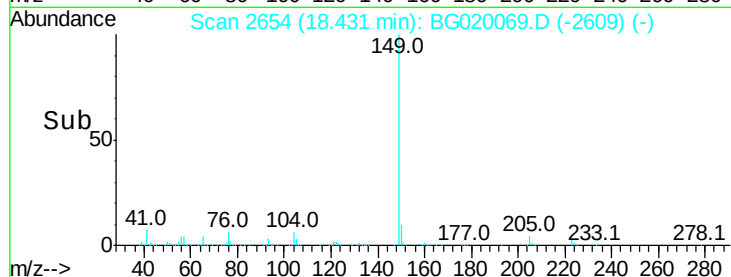
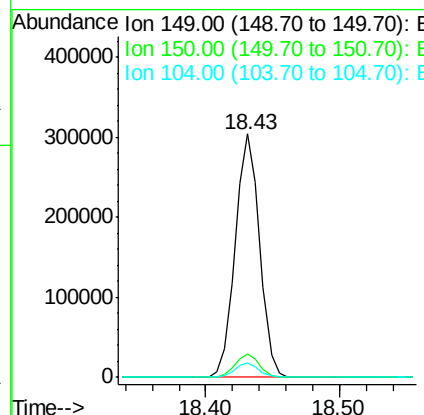
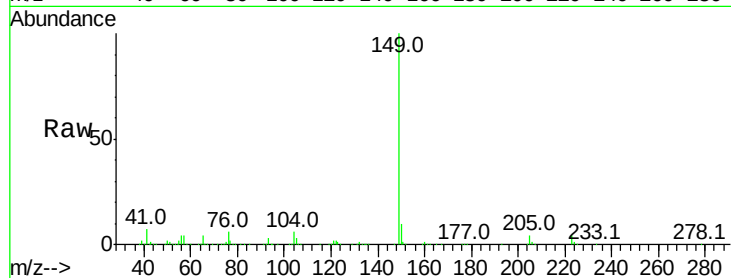




#73
Di-n-butylphthalate
Concen: 44.05 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.04 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

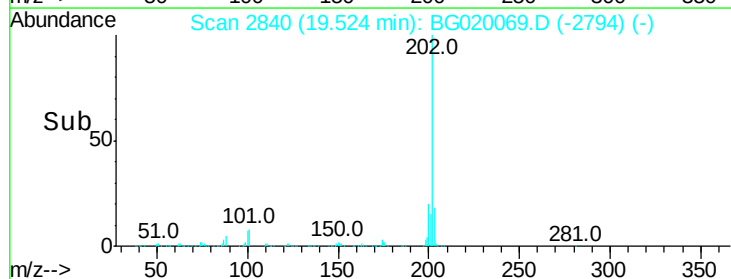
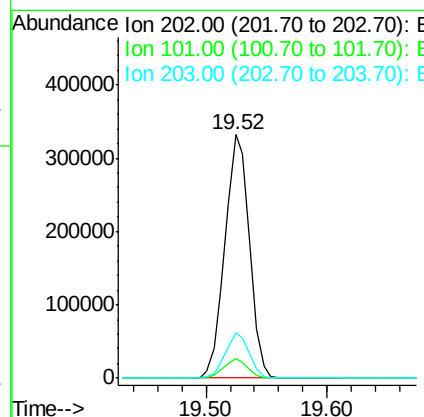
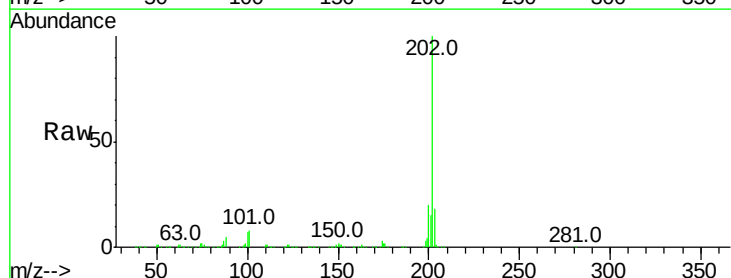
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

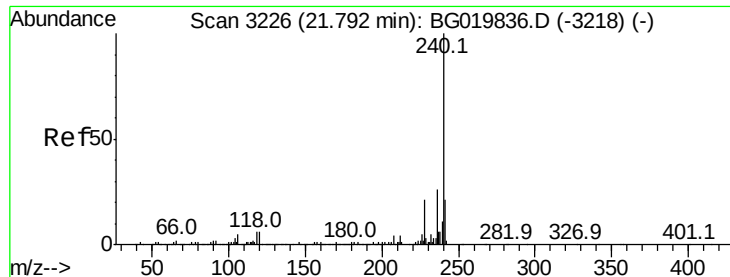
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.7	8.2	12.4
104	5.8	4.4	6.6



#74
Fluoranthene
Concen: 45.22 ng
RT: 19.52 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.2	0.0	32.4
203	18.5	0.0	39.5

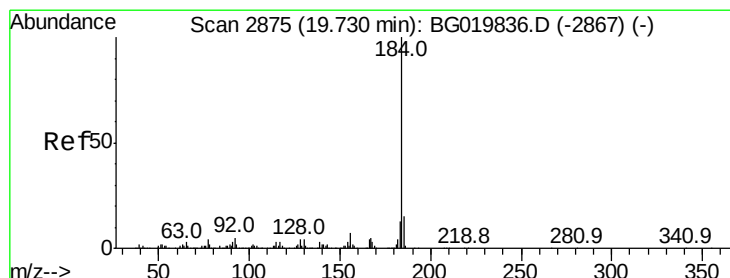
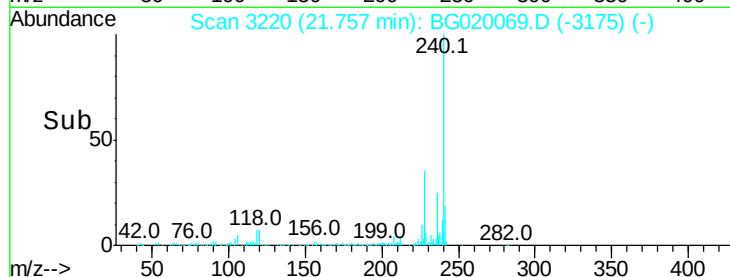
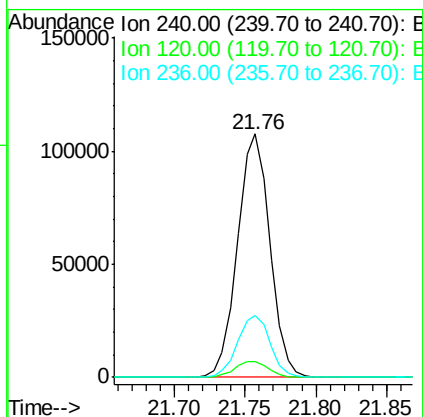
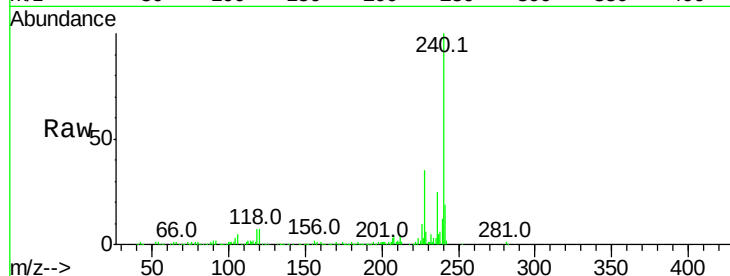




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

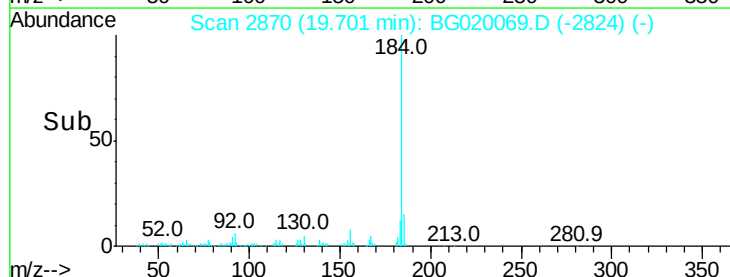
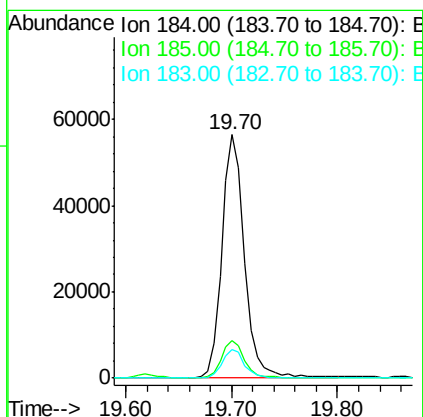
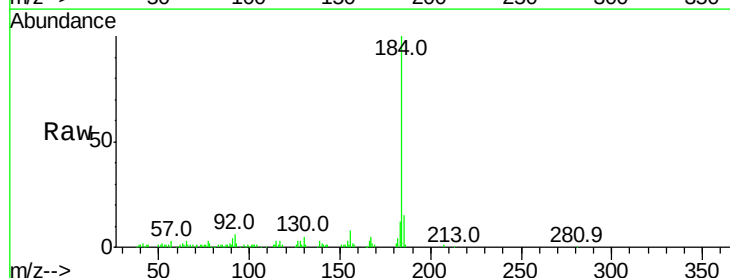
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

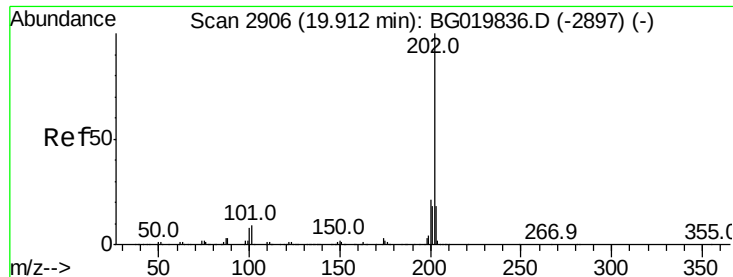
Tot Ion:240 Resp: 172151
Ion Ratio Lower Upper
240 100
120 6.5 7.4 11.0#
236 25.4 20.7 31.1



#76
Benzidine
Concen: 14.82 ng
RT: 19.70 min Scan# 2870
Delta R.T. -0.03 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion:184 Resp: 83814
Ion Ratio Lower Upper
184 100
185 15.4 13.4 20.2
183 11.9 10.1 15.1

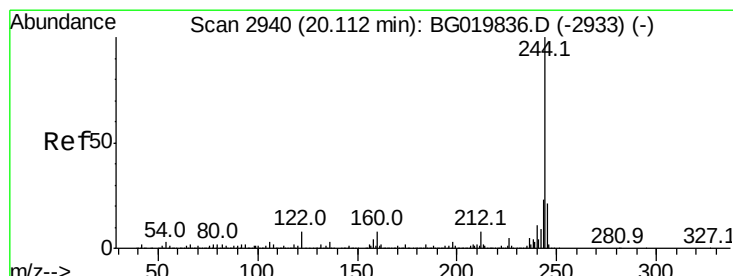
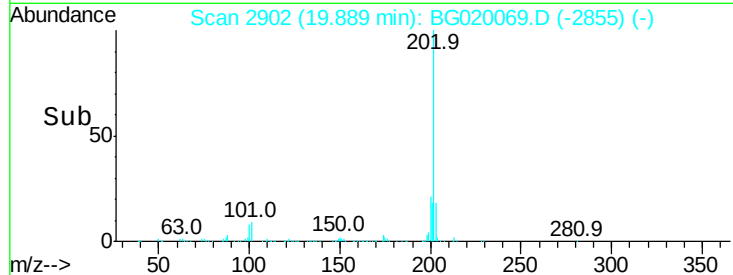
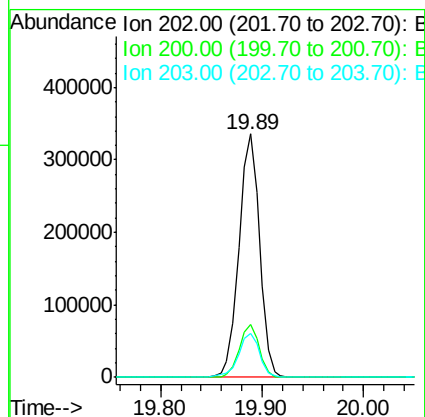
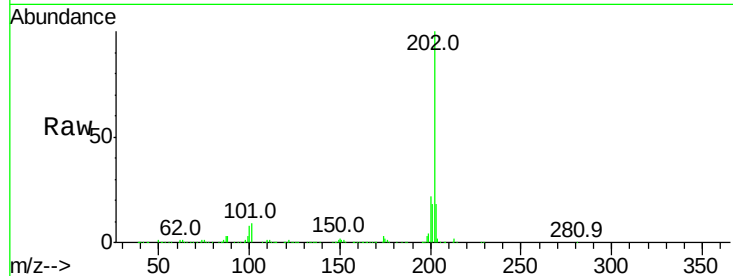




#77
Pvrene
Concen: 46.75 ng
RT: 19.89 min Scan# 2902
Delta R.T. -0.02 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

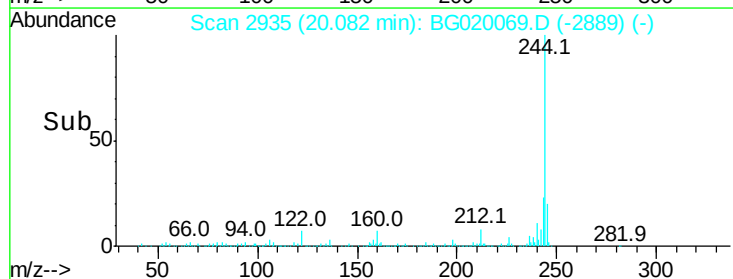
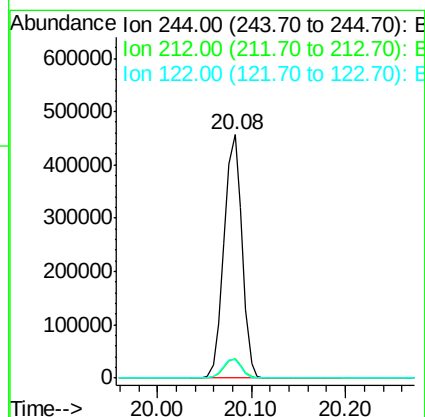
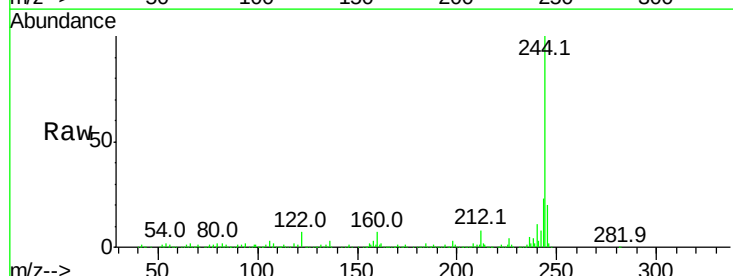
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

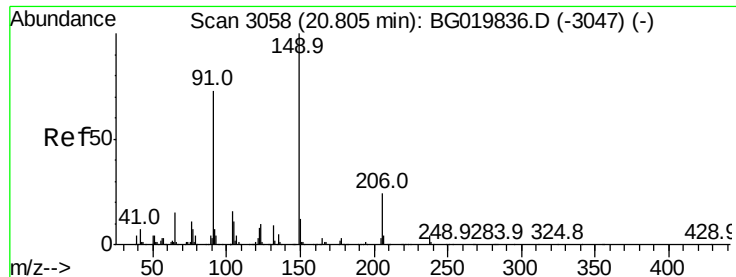
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	19.4	29.0
203	18.1	15.5	23.3



#78
Terphenyl-d14
Concen: 86.38 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.03 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	7.4	10.2	15.2#

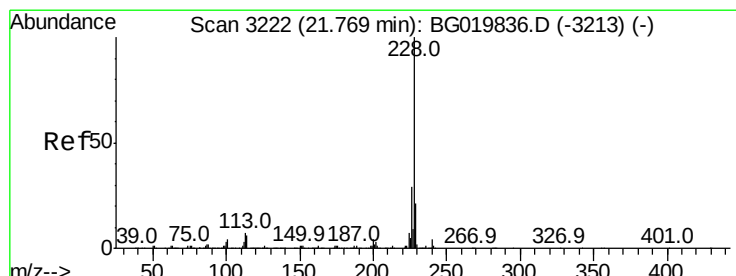
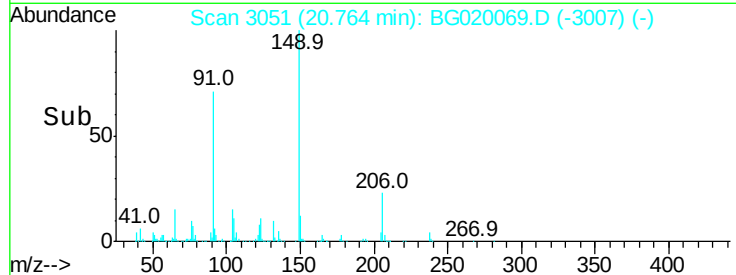
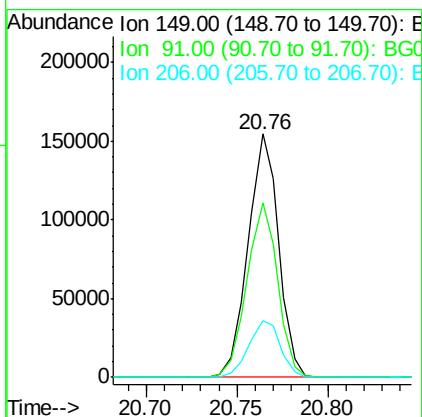
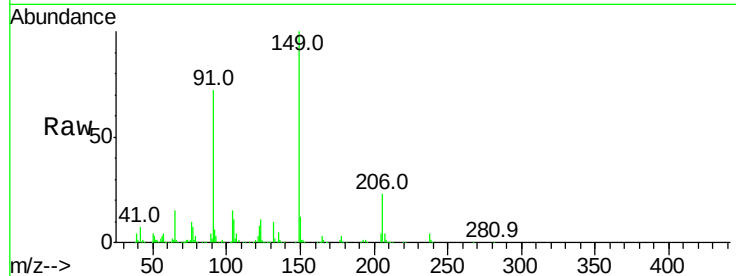




#79
Butylbenzylphthalate
Concen: 45.43 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.04 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

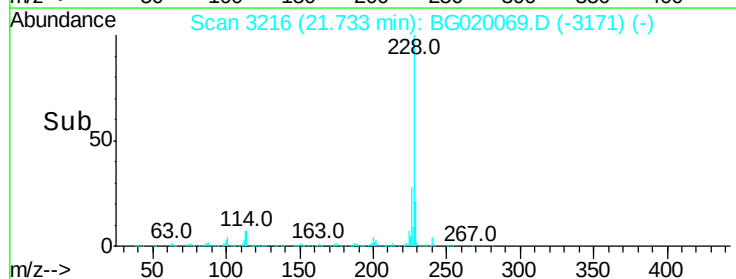
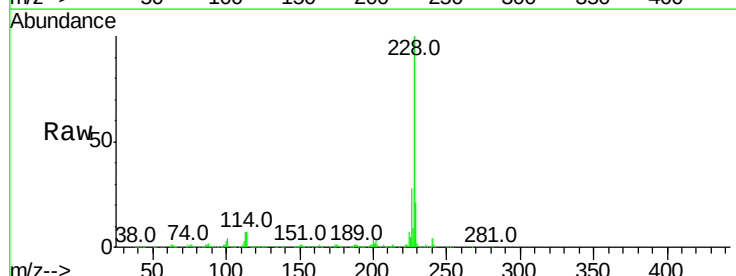
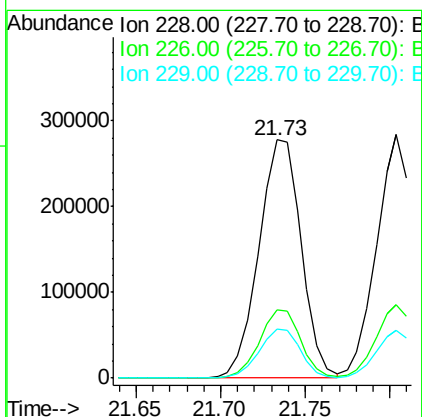
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

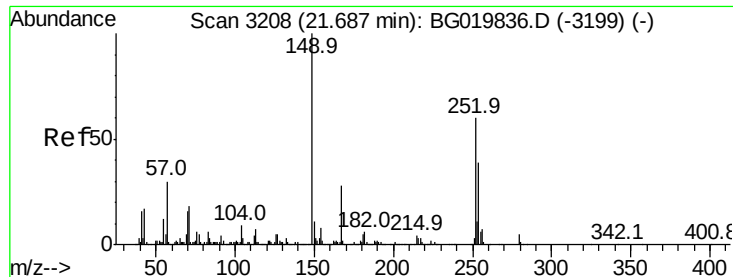
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.6	58.1	87.1
206	23.4	17.8	26.8



#80
Benzo(a)anthracene
Concen: 45.93 ng
RT: 21.73 min Scan# 3216
Delta R.T. -0.04 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.0
229	20.6	16.6	25.0

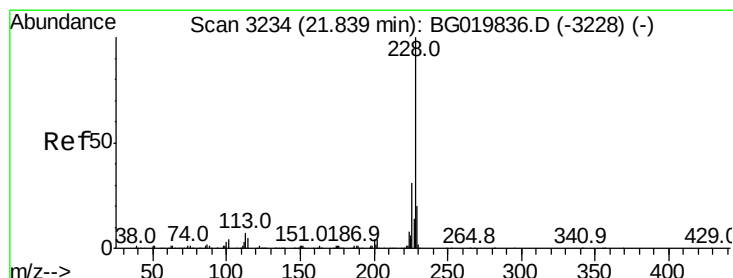
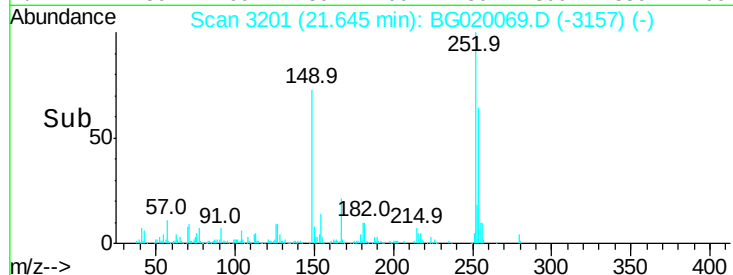
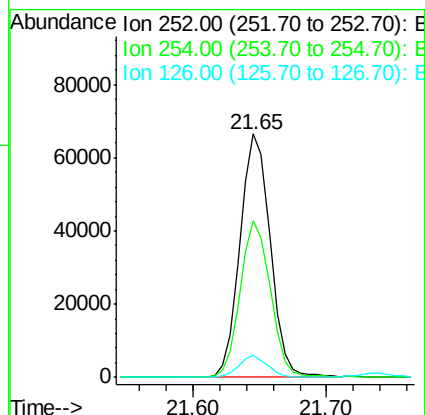
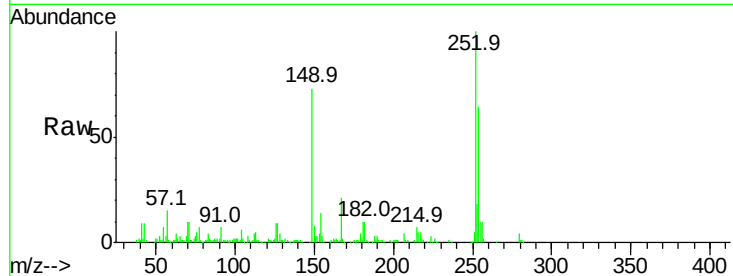




#81
 3,3'-Dichlorobenzidine
 Concen: 25.99 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

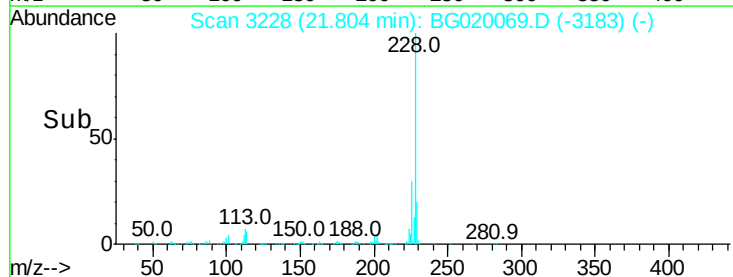
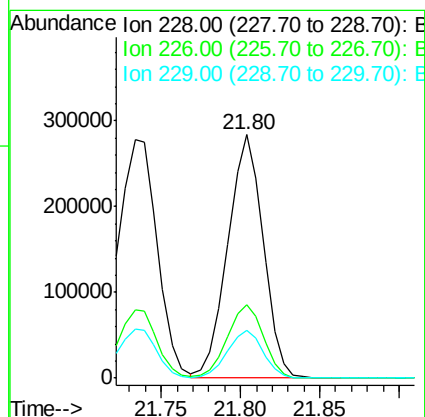
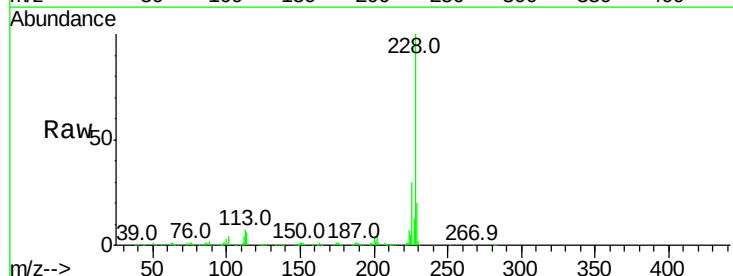
Instrument :
 BNA_G
 ClientSampleId :
 S8-14.5MSD

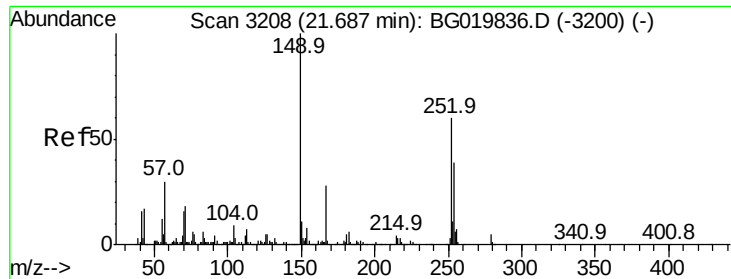
Tot Ion:252 Resp: 104323
 Ion Ratio Lower Upper
 252 100
 254 64.4 52.5 78.7
 126 8.9 8.5 12.7



#82
 Chrysene
 Concen: 43.83 ng
 RT: 21.80 min Scan# 3228
 Delta R.T. -0.04 min
 Lab File: BG020069.D
 Acq: 10 Dec 2015 8:47

Tgt Ion:228 Resp: 438559
 Ion Ratio Lower Upper
 228 100
 226 29.9 26.7 40.1
 229 19.8 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.45 ng

RT: 21.63 min Scan# 3199

Delta R.T. -0.05 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

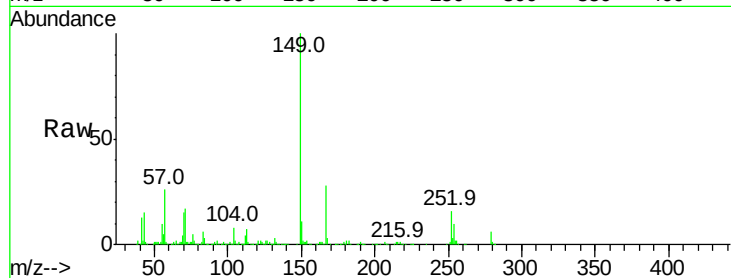
Tot Ion:149 Resp: 264803

Ion Ratio Lower Upper

149 100

167 27.7 23.8 35.8

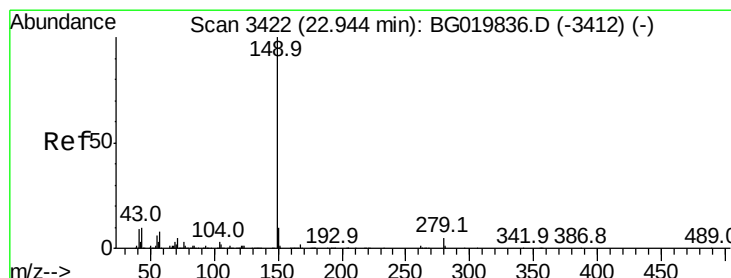
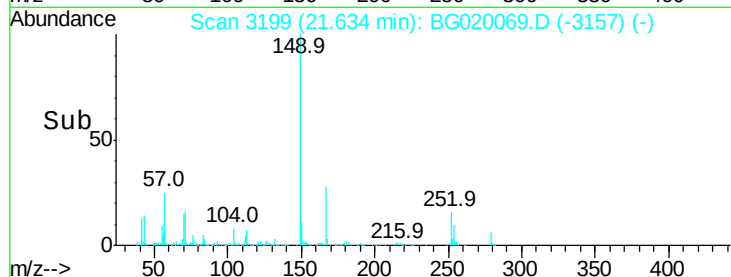
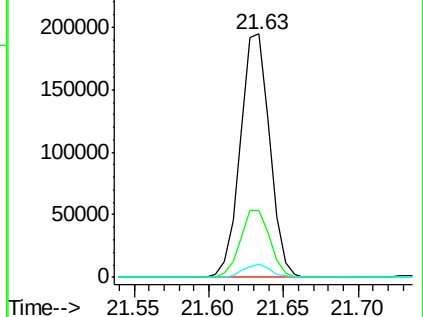
279 5.5 3.4 5.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.06 ng

RT: 22.86 min Scan# 3408

Delta R.T. -0.08 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

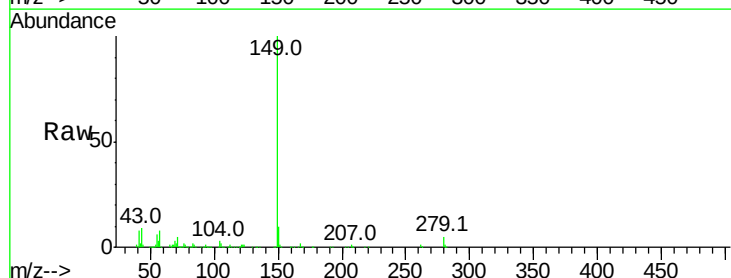
Tgt Ion:149 Resp: 455172

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

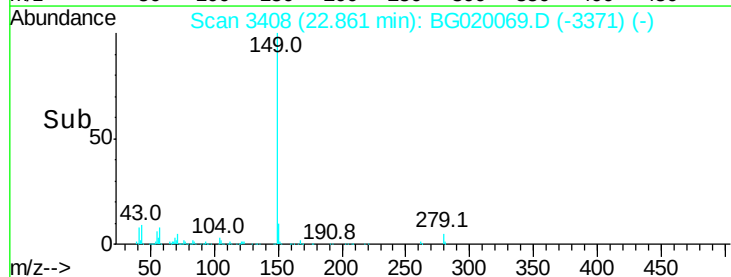
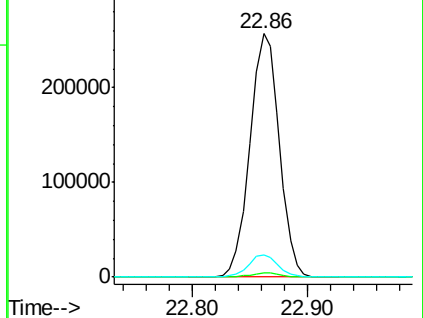
43 9.0 5.9 8.9#

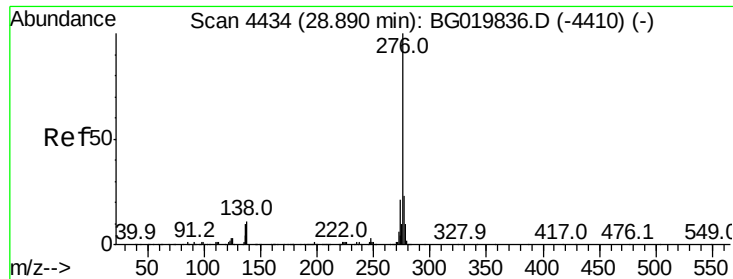


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.24 ng

RT: 28.78 min Scan# 4415

Delta R.T. -0.11 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampled :

S8-14.5MSD

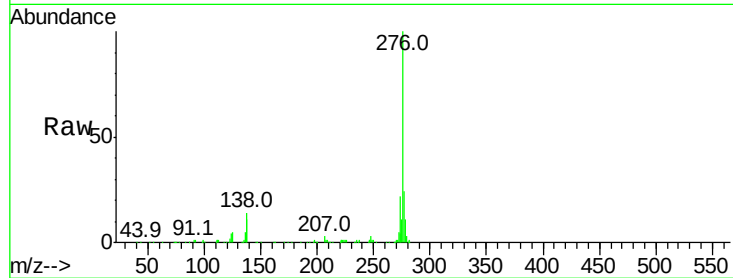
Tot Ion:276 Resp: 531731

Ion Ratio Lower Upper

276 100

138 11.1 0.0 0.0#

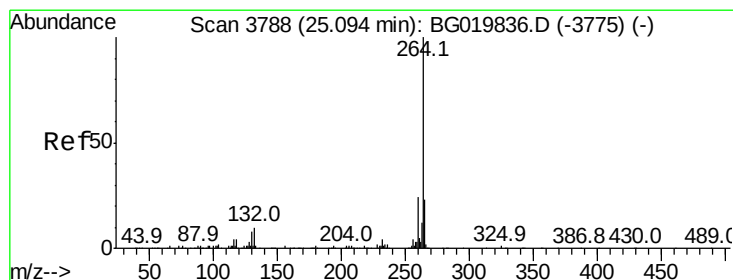
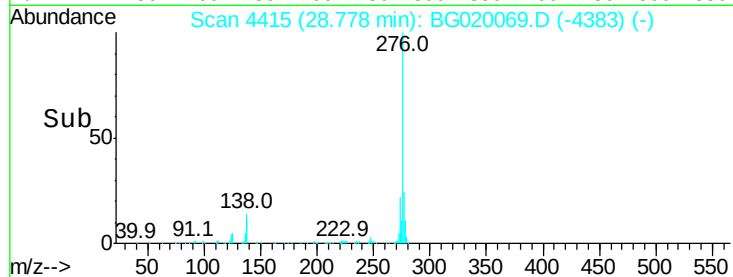
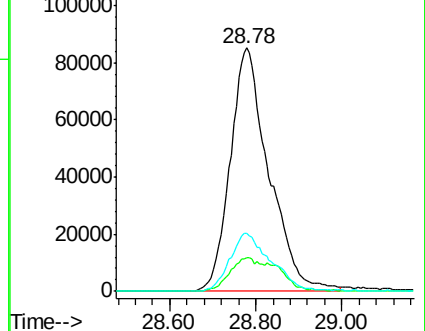
277 25.2 0.0 0.0#



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: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

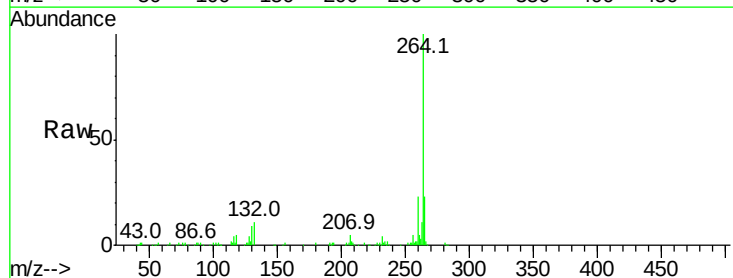
Tgt Ion:264 Resp: 162541

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

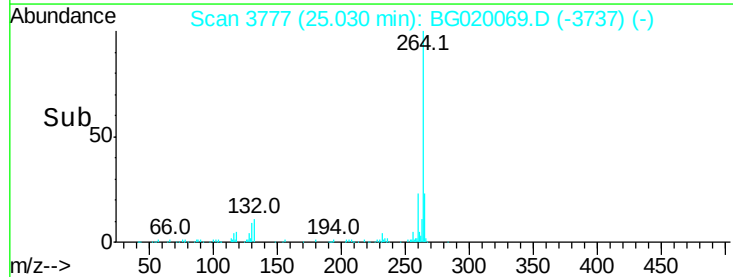
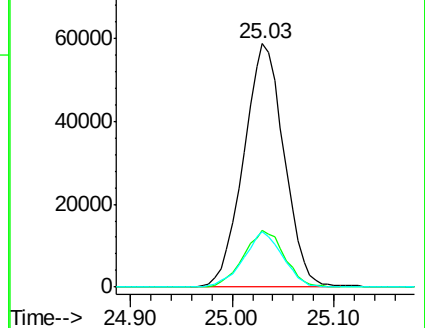
265 22.6 17.2 25.8

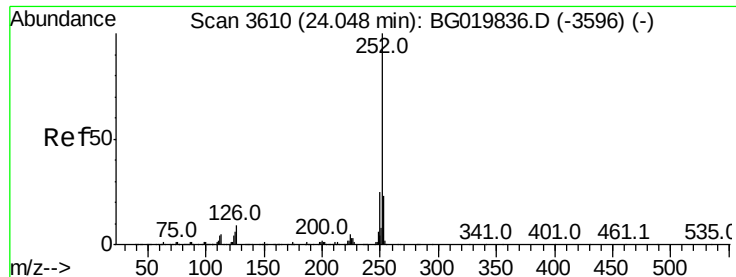


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

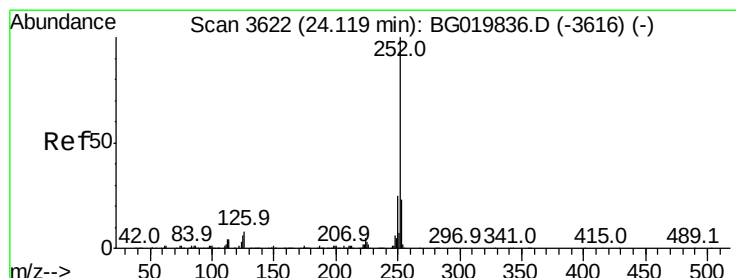
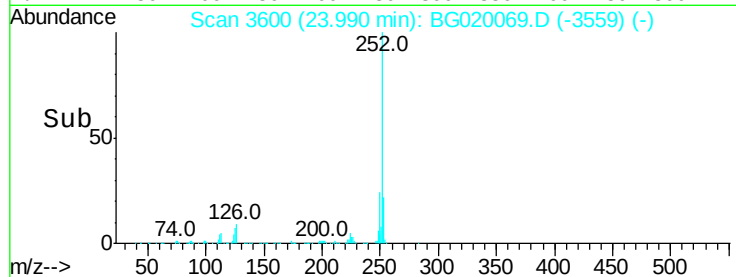
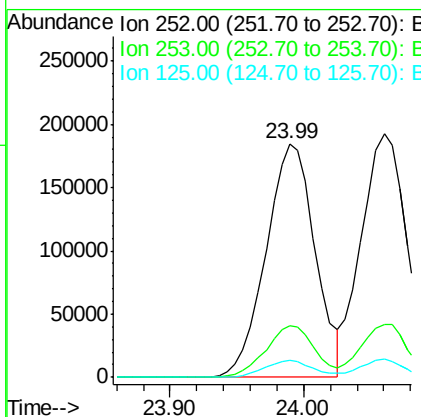
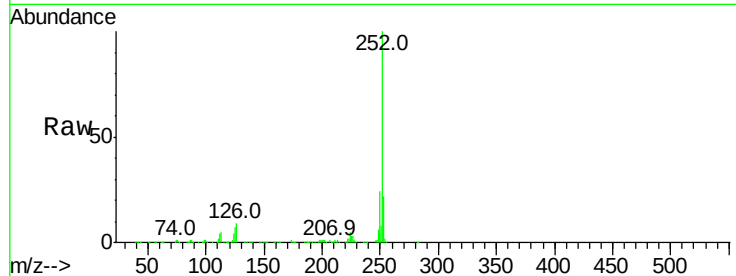




#87
Benzo(b)fluoranthene
Concen: 45.74 ng
RT: 23.99 min Scan# 3600
Delta R.T. -0.06 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

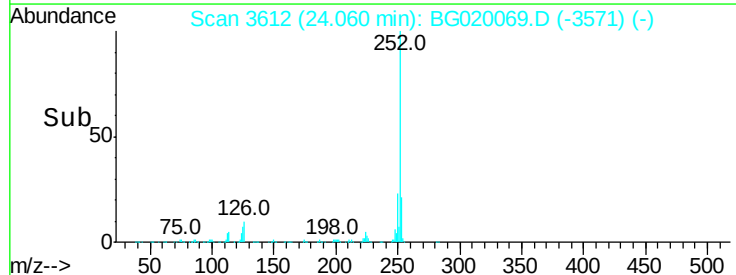
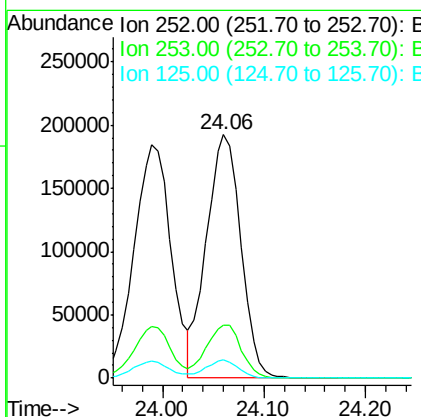
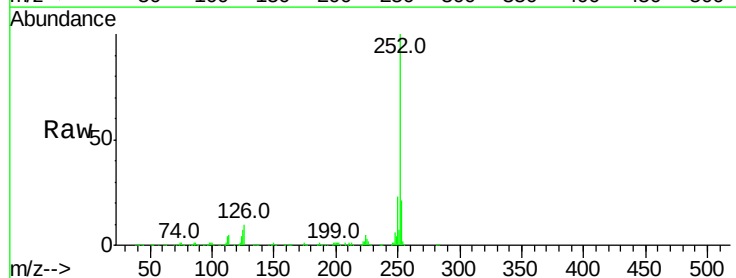
Instrument :
BNA_G
ClientSampleId :
S8-14.5MSD

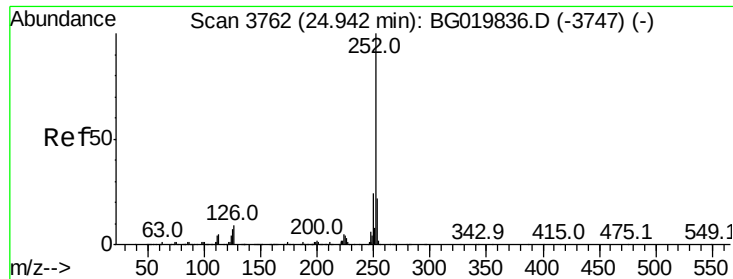
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.1	28.7
125	7.4	8.9	13.3#



#88
Benzo(k)fluoranthene
Concen: 44.31 ng
RT: 24.06 min Scan# 3612
Delta R.T. -0.06 min
Lab File: BG020069.D
Acq: 10 Dec 2015 8:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	19.0	28.4
125	7.3	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 46.37 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.06 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

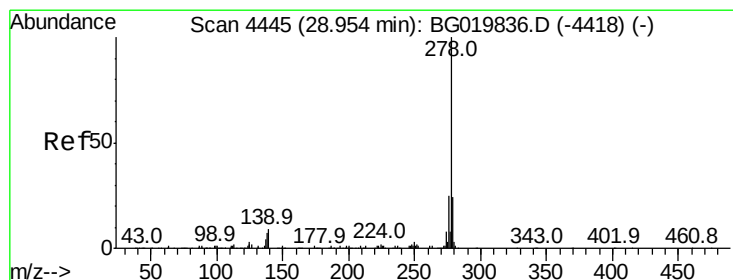
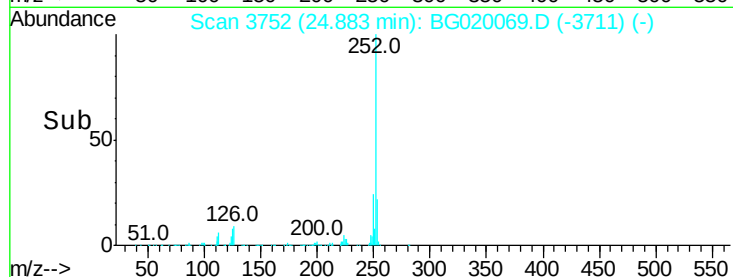
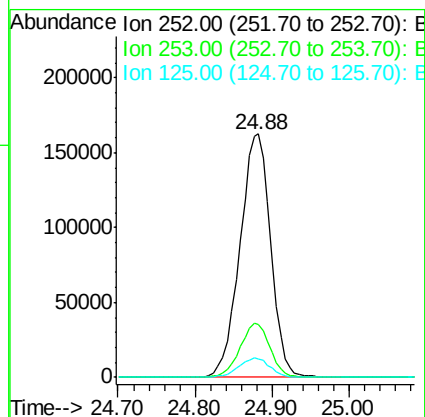
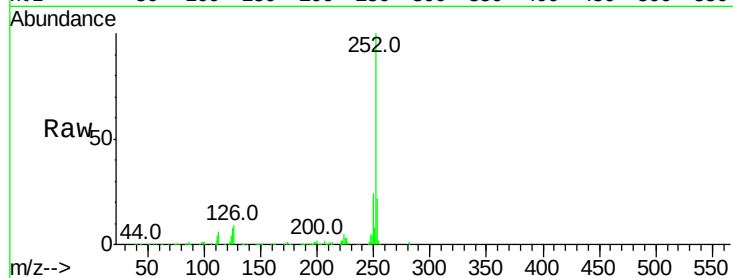
Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

Tot Ion:	252	Resp:	453557
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.7	28.1
125	7.8	9.1	13.7#



#90

Dibenzo(a,h)anthracene

Concen: 45.57 ng

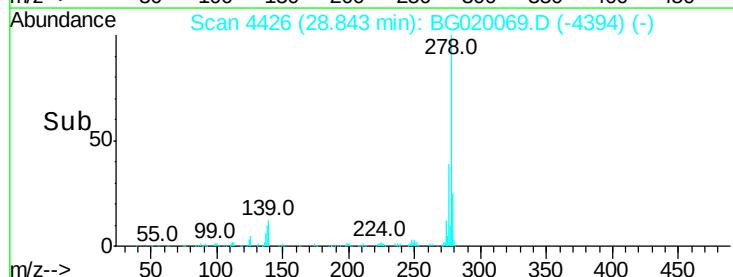
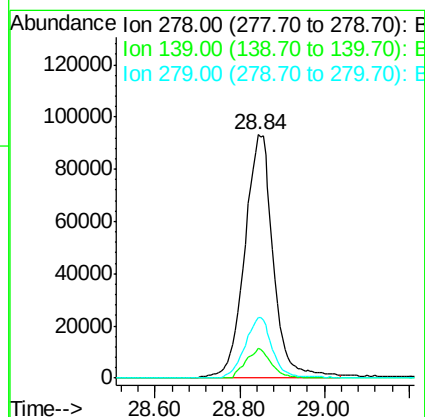
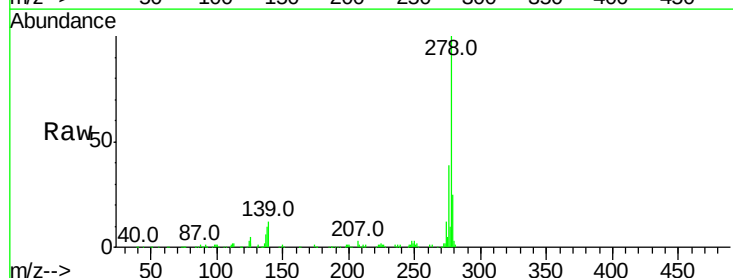
RT: 28.84 min Scan# 4426

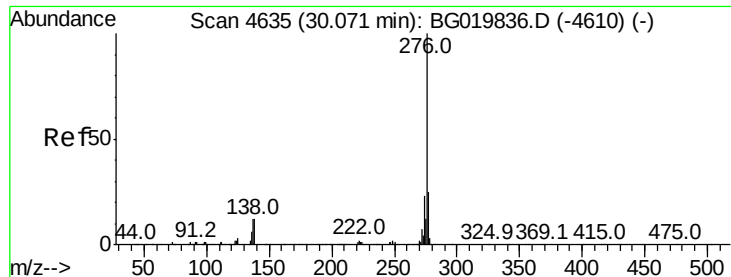
Delta R.T. -0.11 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Tgt Ion:	278	Resp:	440349
Ion Ratio	Lower	Upper	
278	100		
139	12.0	13.8	20.6#
279	24.9	19.4	29.0





#91

Benzo(a,h,i)perylene

Concen: 44.67 ng

RT: 29.95 min Scan# 4615

Delta R.T. -0.12 min

Lab File: BG020069.D

Acq: 10 Dec 2015 8:47

Instrument :

BNA_G

ClientSampleId :

S8-14.5MSD

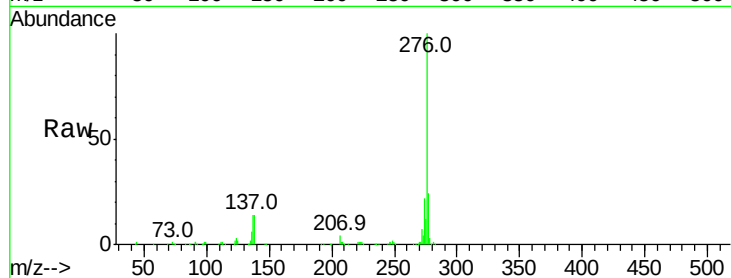
Tot Ion:276 Resp: 423809

Ion Ratio Lower Upper

276 100

277 24.4 18.4 27.6

138 13.7 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

