

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020095.D
 Acq On : 11 Dec 2015 4:46
 Operator : UM/SJ
 Sample : PB87183BSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

Quant Time: Dec 11 06:35:07 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	17225	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	78981	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56534	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	141393	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	167814	20.00	ng	-0.04
86) Perylene-d12	25.03	264	156059	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	126803	133.05	ng	-0.01
7) Phenol-d6	7.26	99	185791	129.11	ng	-0.02
23) Nitrobenzene-d5	9.28	82	120123	77.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	97413	112.61	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	300585	72.60	ng	-0.03
78) Terphenyl-d14	20.08	244	529098	76.90	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	12141	32.70	ng	# 100
3) Pyridine	3.92	79	40377	35.81	ng	# 91
4) n-Nitrosodimethylamine	3.83	42	20098	33.89	ng	# 81
6) Aniline	7.43	93	29274	15.71	ng	# 83
8) 2-Chlorophenol	7.67	128	49138	42.28	ng	# 93
9) Benzaldehyde	7.24	77	27653	28.82	ng	# 91
10) Phenol	7.29	94	66603	43.98	ng	# 79
11) bis(2-Chloroethyl)ether	7.52	93	43175	38.49	ng	# 91
12) 1,3-Dichlorobenzene	8.00	146	50144	38.07	ng	# 91
13) 1,4-Dichlorobenzene	8.15	146	51300	37.71	ng	# 95
14) 1,2-Dichlorobenzene	8.46	146	49537	38.18	ng	# 95
15) Benzyl Alcohol	8.35	79	50497	39.99	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.64	45	63548	34.74	ng	# 96
17) 2-Methylphenol	8.55	107	45531	42.59	ng	# 89
18) Hexachloroethane	9.20	117	18067	35.47	ng	# 87
19) n-Nitroso-di-n-propylamine	8.92	70	40161	35.39	ng	# 95
20) 3+4-Methylphenols	8.87	107	63862	42.42	ng	# 95
22) Acetophenone	8.93	105	75495	34.87	ng	# 93
24) Nitrobenzene	9.32	77	63694	37.94	ng	# 93
25) Isophorone	9.84	82	112497	33.91	ng	# 94
26) 2-Nitrophenol	10.03	139	28199	43.49	ng	# 76
27) 2,4-Dimethylphenol	10.08	122	52353	38.78	ng	# 90
28) bis(2-Chloroethoxy)methane	10.32	93	63192	38.98	ng	# 98
29) 2,4-Dichlorophenol	10.57	162	57938	42.01	ng	# 98
30) 1,2,4-Trichlorobenzene	10.78	180	57064	36.61	ng	# 91
31) Naphthalene	10.98	128	157818	37.30	ng	# 99
32) Benzoic acid	10.21	122	37292	41.86	ng	# 89
33) 4-Chloroaniline	11.08	127	16014	8.59	ng	# 92
34) Hexachlorobutadiene	11.26	225	40442	35.17	ng	# 97
35) Caprolactam	11.85	113	19468	37.92	ng	# 83
36) 4-Chloro-3-methylphenol	12.19	107	65476	38.12	ng	# 95
37) 2-Methylnaphthalene	12.58	142	119855	38.65	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	78494	36.59	ng	# 99
40) Hexachlorocyclopentadiene	12.92	237	72912	59.60	ng	# 96

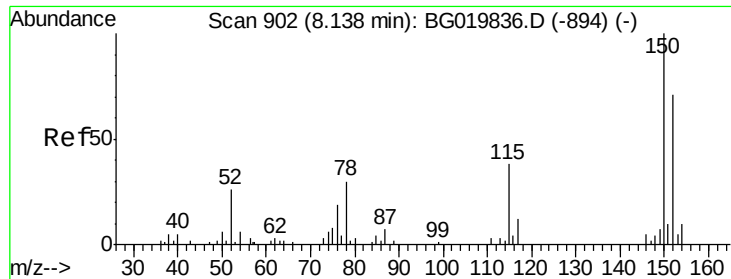
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	54548	38.40	nq	96
43) 2,4,5-Trichlorophenol	13.25	196	60209	40.11	nq	96
45) 1,1'-Biphenyl	13.57	154	163856	35.32	nq	98
46) 2-Chloronaphthalene	13.62	162	130688	36.54	nq	96
47) 2-Nitroaniline	13.82	65	46208	40.91	nq	90
48) Acenaphthylene	14.46	152	219900	36.10	nq	99
49) Dimethylphthalate	14.19	163	174444	34.30	nq	99
50) 2,6-Dinitrotoluene	14.31	165	39096	40.89	nq	# 84
51) Acenaphthene	14.80	154	129801	35.12	nq	100
52) 3-Nitroaniline	14.64	138	21317	21.46	nq	97
53) 2,4-Dinitrophenol	14.84	184	32850	66.35	nq	89
54) Dibenzofuran	15.14	168	220247	40.05	nq	95
55) 4-Nitrophenol	14.94	139	62125	71.81	nq	# 67
56) 2,4-Dinitrotoluene	15.09	165	55855	41.87	nq	# 91
57) Fluorene	15.78	166	177590	36.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	58201	41.89	nq	96
59) Diethylphthalate	15.54	149	183769	33.39	nq	98
60) 4-Chlorophenyl-phenylether	15.77	204	97051	34.34	nq	98
61) 4-Nitroaniline	15.80	138	40755	36.48	nq	# 79
62) Azobenzene	16.07	77	171194	37.38	nq	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	27579	36.41	nq	93
65) n-Nitrosodiphenylamine	15.98	169	158261	38.68	nq	97
66) 4-Bromophenyl-phenylether	16.67	248	65656	37.37	nq	97
67) Hexachlorobenzene	16.79	284	70701	38.63	nq	95
68) Atrazine	16.93	200	65094	36.62	nq	99
69) Pentachlorophenol	17.13	266	83217	77.90	nq	94
70) Phenanthrene	17.52	178	303607	37.95	nq	96
71) Anthracene	17.62	178	306308	37.59	nq	96
72) Carbazole	17.88	167	266047	37.06	nq	97
73) Di-n-butylphthalate	18.43	149	315619	35.87	nq	99
74) Fluoranthene	19.53	202	381508	37.28	nq	93
76) Benzidine	19.70	184	92141	16.72	nq	98
77) Pyrene	19.88	202	392130	39.72	nq	95
79) Butylbenzylphthalate	20.77	149	147206	38.04	nq	94
80) Benzo(a)anthracene	21.74	228	393577	38.31	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	73131	18.69	nq	# 98
82) Chrysene	21.80	228	352611	36.15	nq	97
83) Bis(2-ethylhexyl)phthalate	21.63	149	213206	37.54	nq	96
84) Di-n-octyl phthalate	22.86	149	361287	39.13	nq	# 96
85) Indeno(1,2,3-cd)pyrene	28.77	276	388370	36.15	nq	# 100
87) Benzo(b)fluoranthene	23.99	252	382059	38.63	nq	# 95
88) Benzo(k)fluoranthene	24.06	252	362447	37.00	nq	# 94
89) Benzo(a)pyrene	24.88	252	365622	38.94	nq	# 93
90) Dibenzo(a,h)anthracene	28.84	278	330100	35.58	nq	# 91
91) Benzo(g,h,i)perylene	29.95	276	298489	32.77	nq	# 91

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

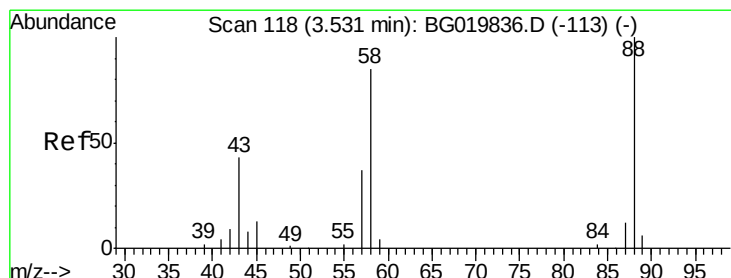
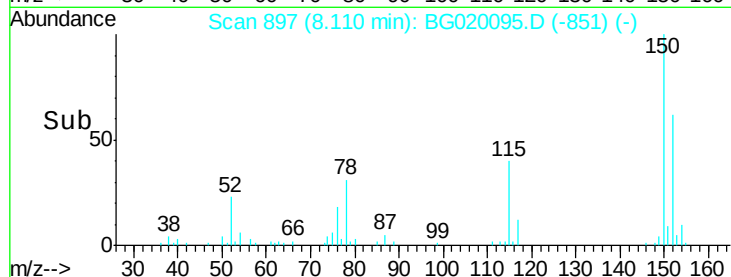
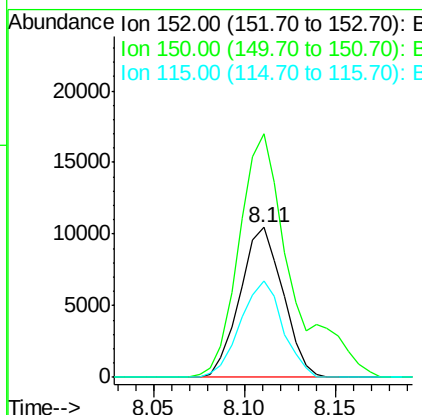
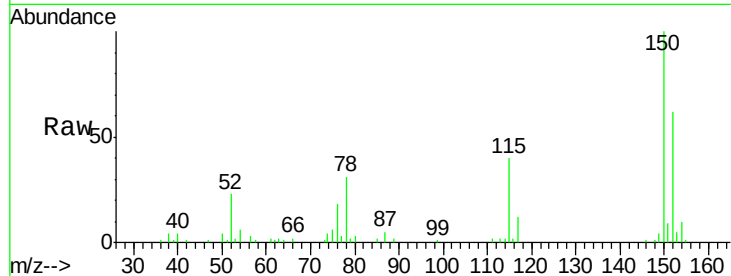


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Instrument :
BNA_G
ClientSampleId :
PB87183BSD

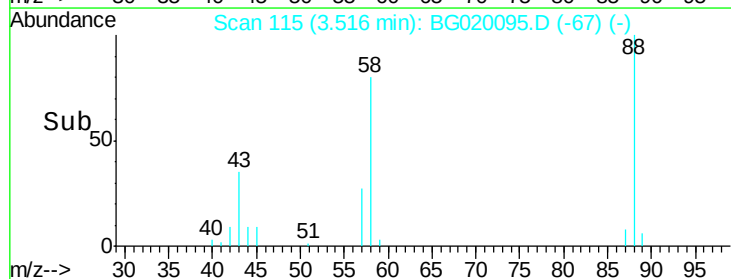
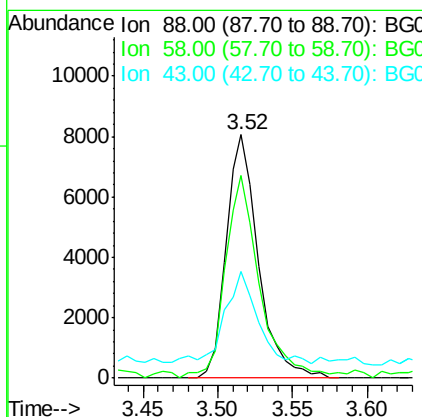
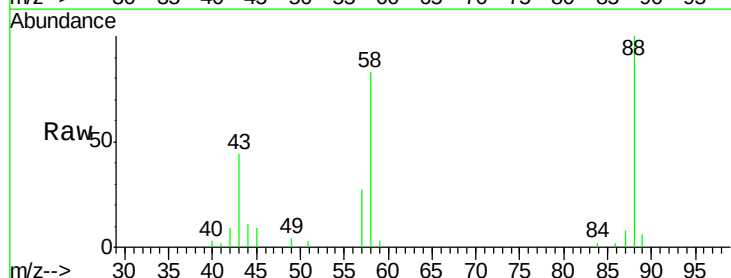
Tot Ion:152 Resp: 17225
Ion Ratio Lower Upper
152 100
150 162.6 115.0 172.4
115 64.5 43.9 65.9

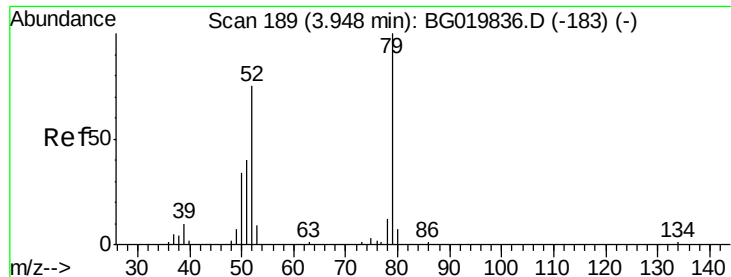


#2

1,4-Dioxane
Concen: 32.70 ng
RT: 3.52 min Scan# 115
Delta R.T. -0.02 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion: 88 Resp: 12141
Ion Ratio Lower Upper
88 100
58 88.9 0.0 0.0#
43 40.7 0.0 0.0#





#3

Pvridine

Concen: 35.81 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

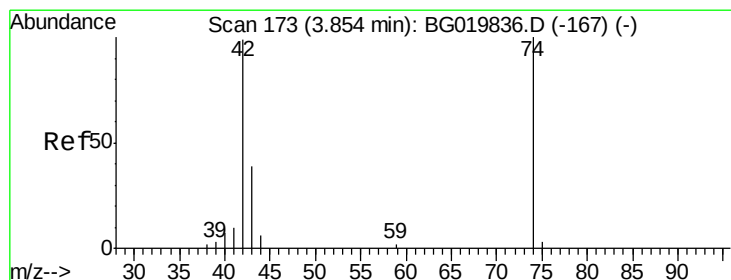
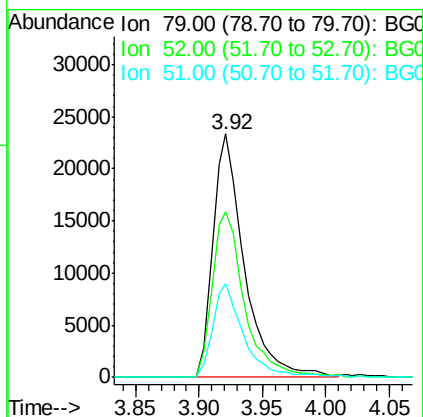
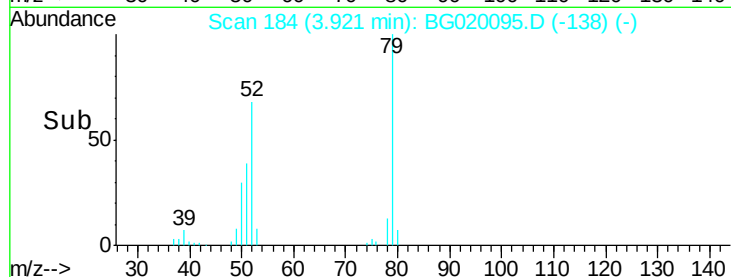
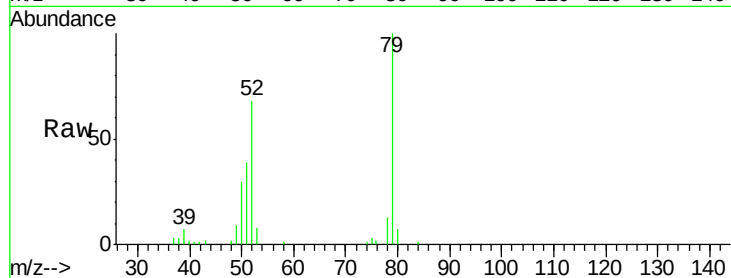
Tot Ion: 79 Resp: 40377

Ion Ratio Lower Upper

79 100

52 67.9 50.3 75.5

51 38.5 24.8 37.2#



#4

n-Nitrosodimethylamine

Concen: 33.89 ng

RT: 3.83 min Scan# 169

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

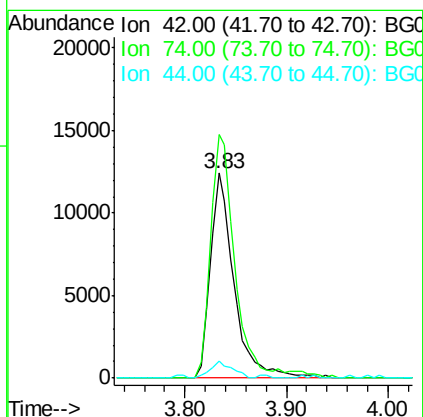
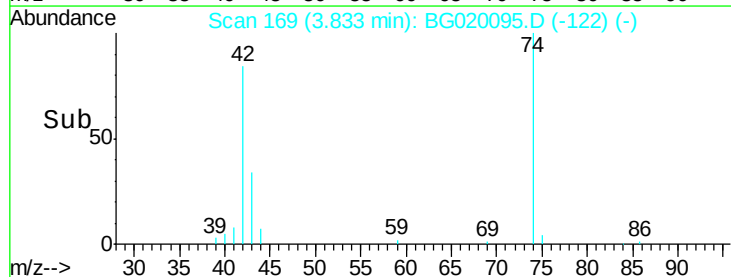
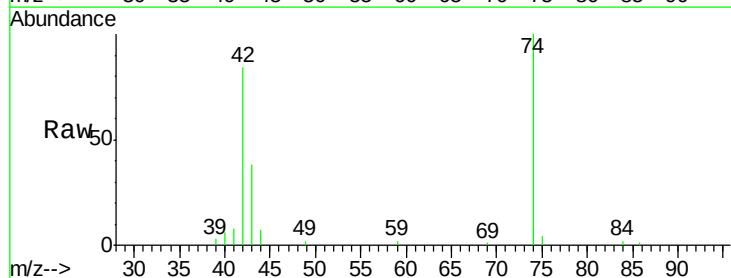
Tgt Ion: 42 Resp: 20098

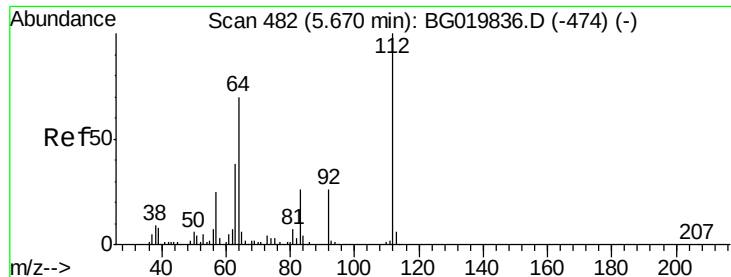
Ion Ratio Lower Upper

42 100

74 118.7 113.9 170.9

44 8.3 5.7 8.5





#5

2-Fluorophenol

Concen: 133.05 ng

RT: 5.65 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

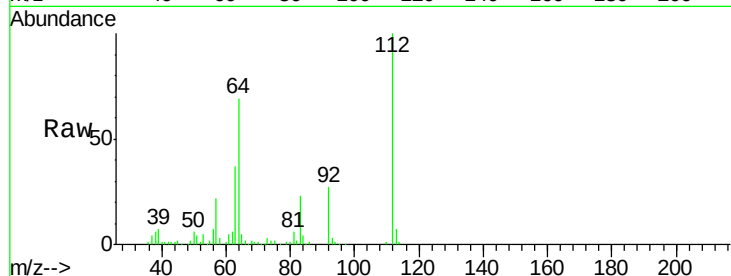
Tot Ion:112 Resp: 126803

Ion Ratio Lower Upper

112 100

64 69.4 43.7 65.5#

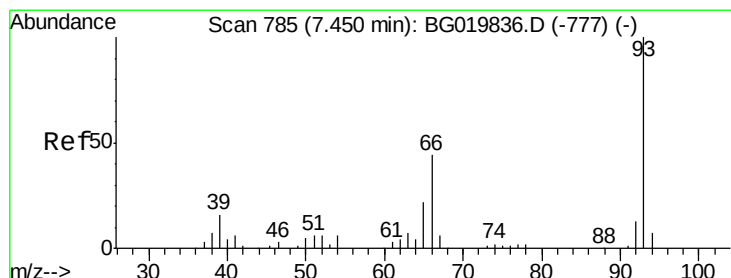
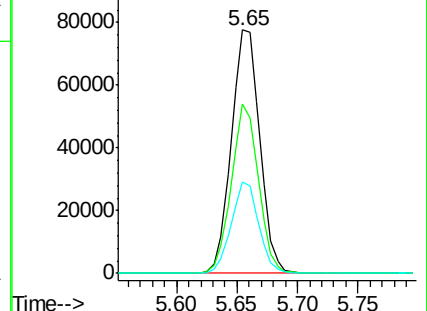
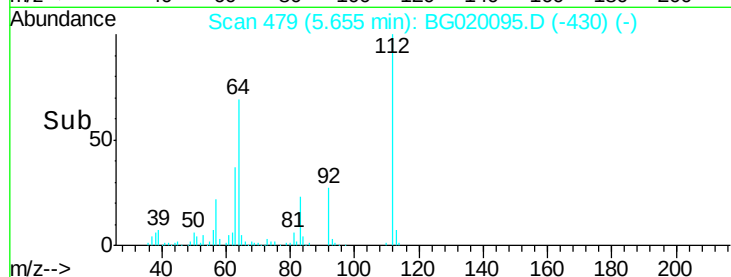
63 37.5 24.0 36.0#



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: 15.71 ng

RT: 7.43 min Scan# 781

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

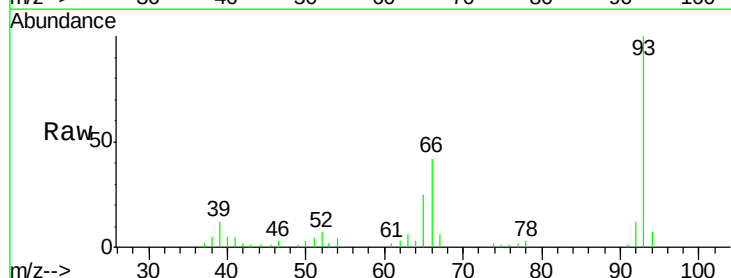
Tgt Ion: 93 Resp: 29274

Ion Ratio Lower Upper

93 100

66 42.1 26.2 39.2#

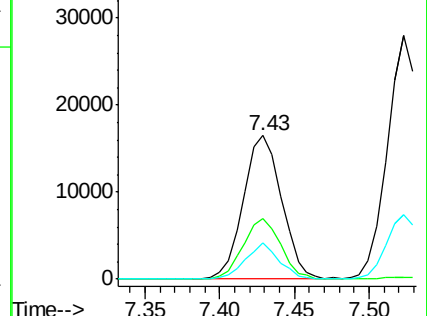
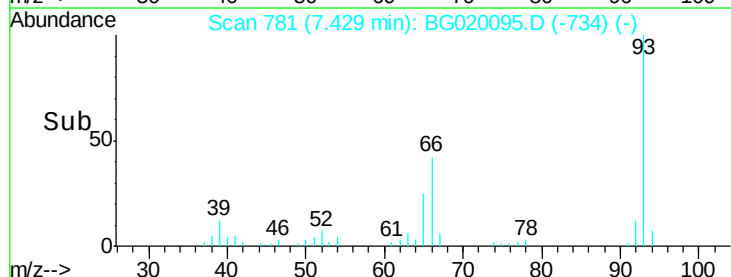
65 25.2 14.0 21.0#

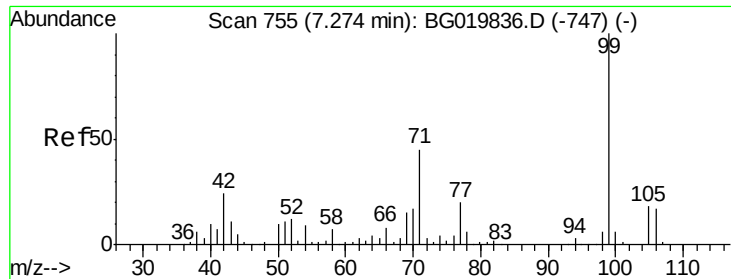


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.11 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

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PB87183BSD

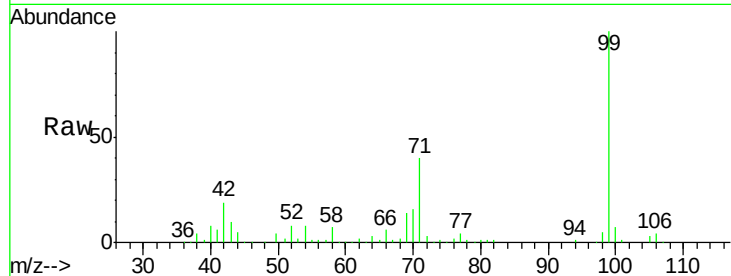
Tot Ion: 99 Resp: 185791

Ion Ratio Lower Upper

99 100

42 19.4 11.5 17.3#

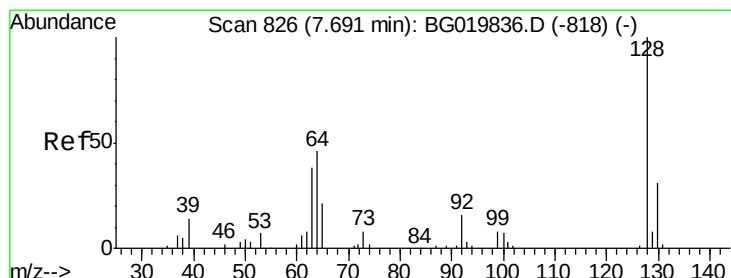
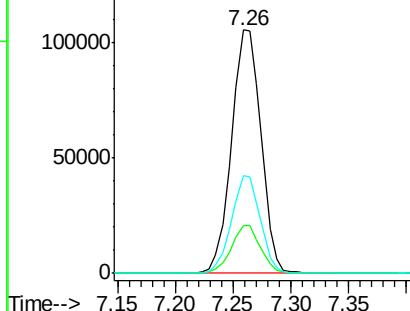
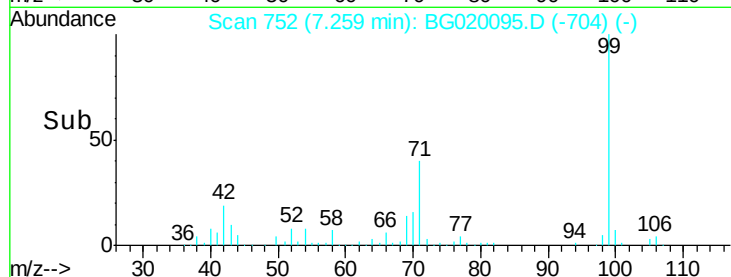
71 40.0 22.6 34.0#



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: 42.28 ng

RT: 7.67 min Scan# 822

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

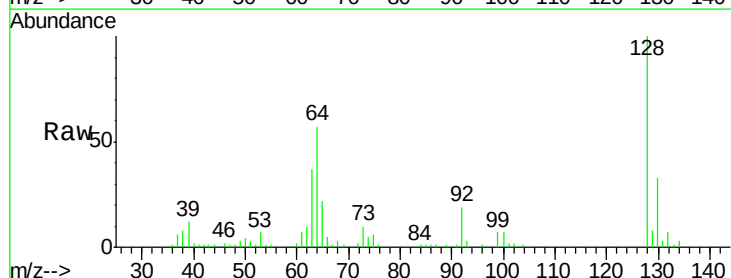
Tgt Ion: 128 Resp: 49138

Ion Ratio Lower Upper

128 100

130 32.9 13.0 53.0

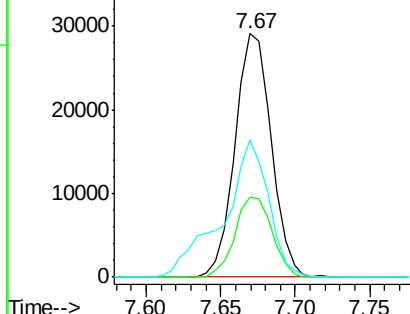
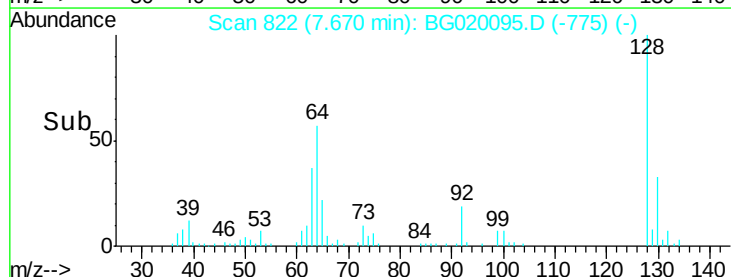
64 56.5 28.2 68.2

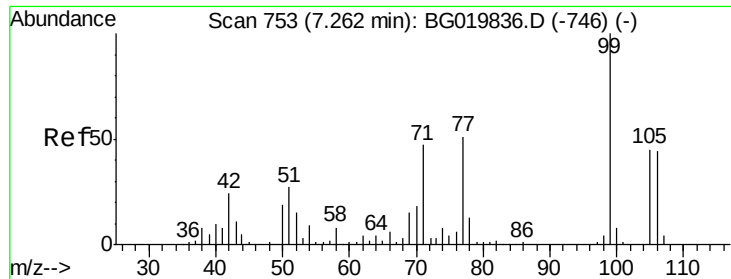


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.82 ng

RT: 7.24 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

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ClientSampleId :

PB87183BSD

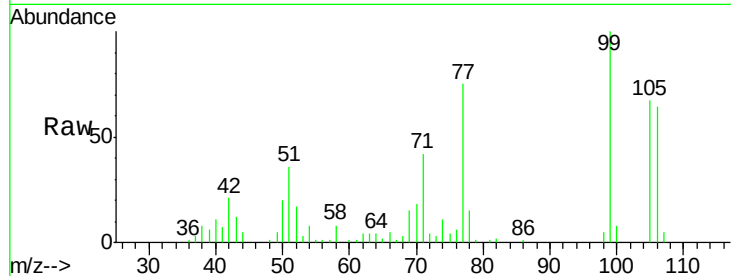
Tot Ion: 77 Resp: 27653

Ion Ratio Lower Upper

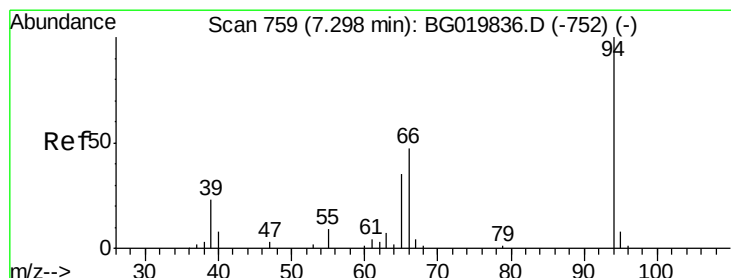
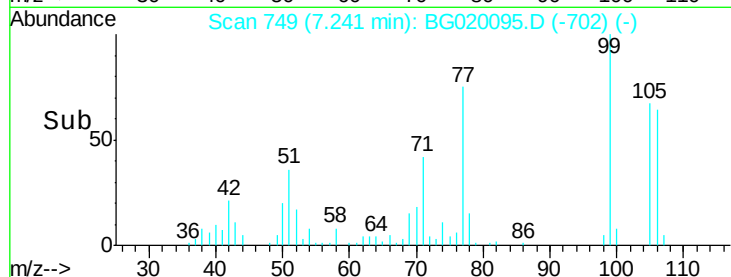
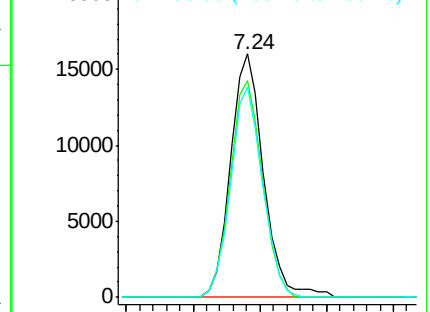
77 100

105 89.2 77.7 117.7

106 86.2 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: 43.98 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

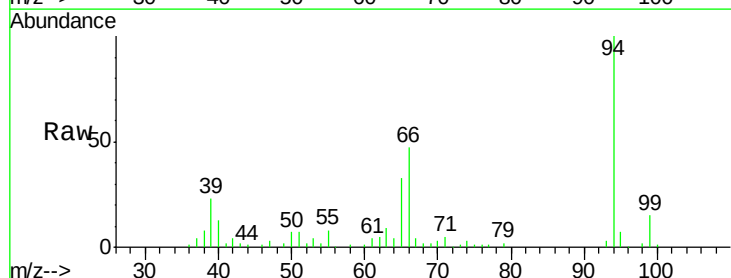
Tgt Ion: 94 Resp: 66603

Ion Ratio Lower Upper

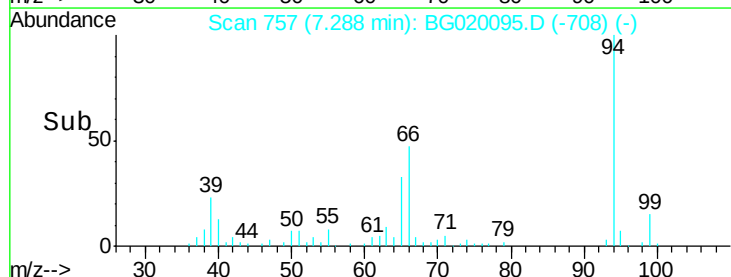
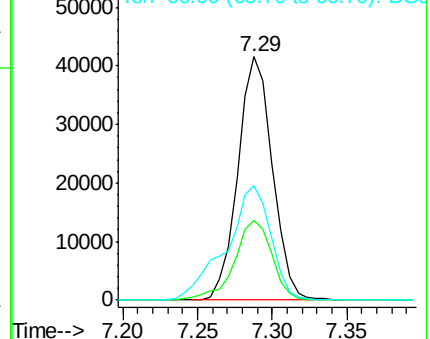
94 100

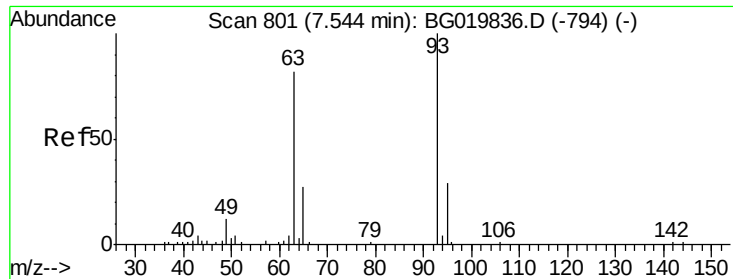
65 32.7 5.4 45.4

66 46.8 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

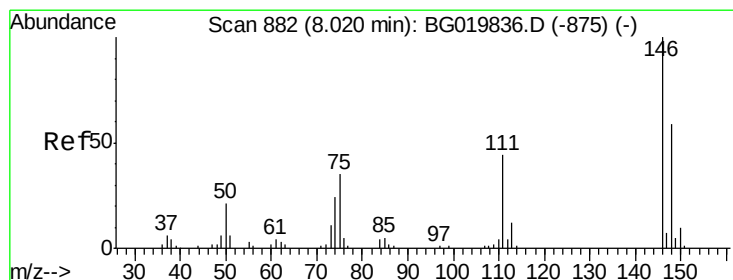
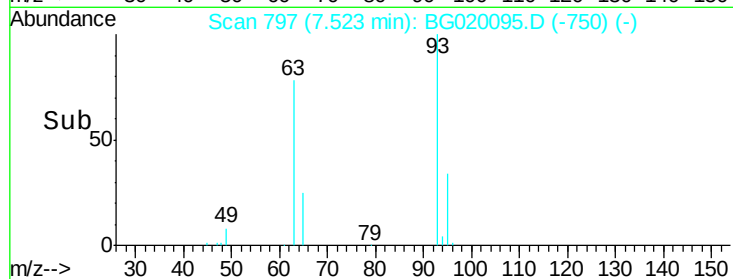
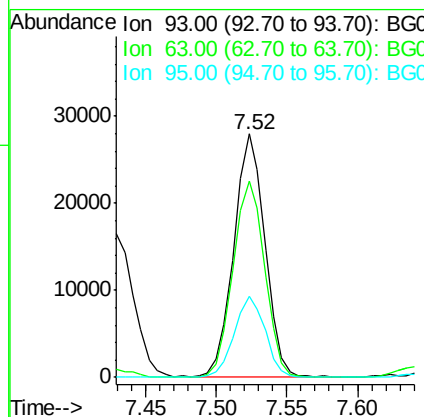
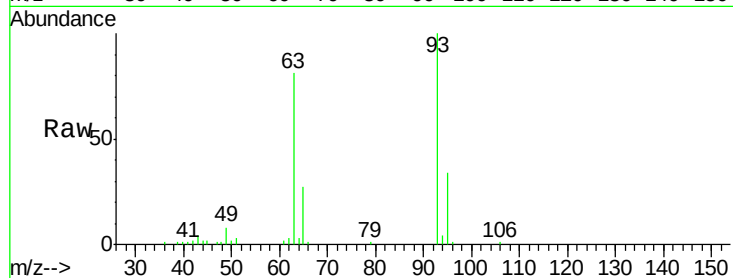




#11
bis(2-Chloroethyl)ether
Concen: 38.49 ng
RT: 7.52 min Scan# 797
Delta R.T. -0.02 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

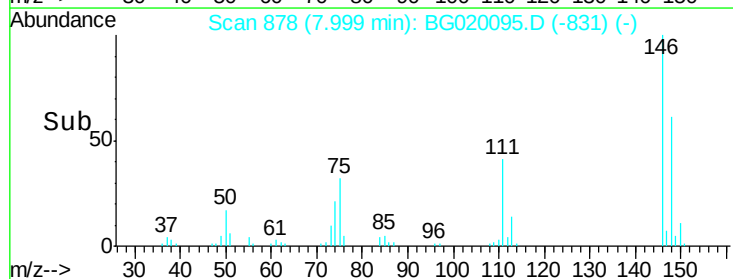
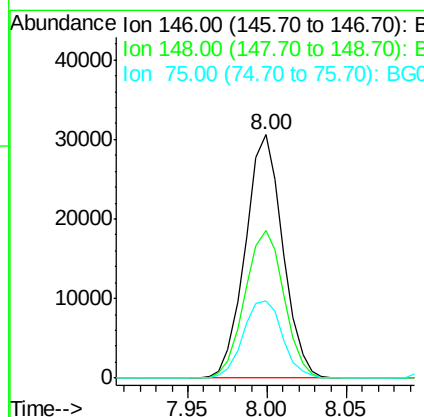
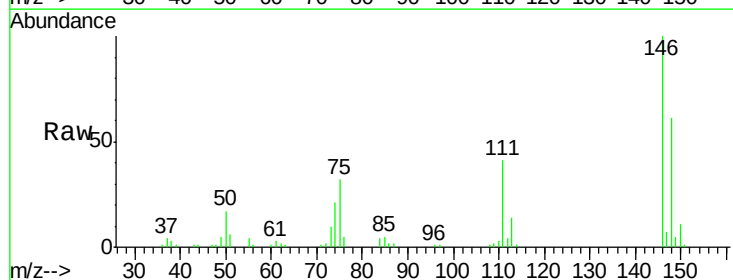
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

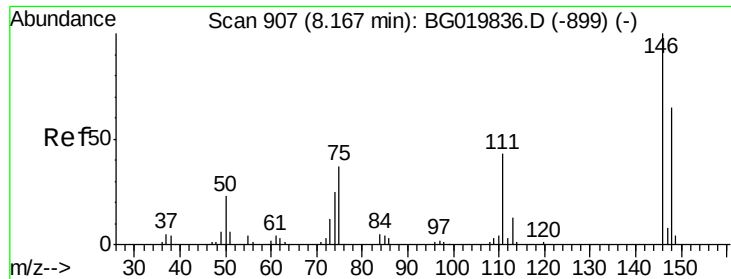
Tot Ion	93	Resp	43175
Ion	Ratio	Lower	Upper
93	100		
63	80.5	50.5	90.5
95	33.5	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 38.07 ng
RT: 8.00 min Scan# 878
Delta R.T. -0.02 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion	146	Resp	50144
Ion	Ratio	Lower	Upper
146	100		
148	60.5	53.4	80.0
75	31.9	21.1	31.7

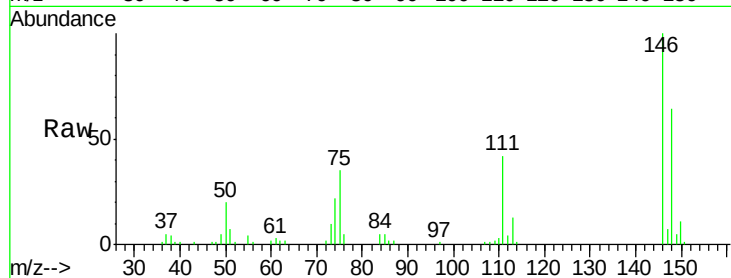




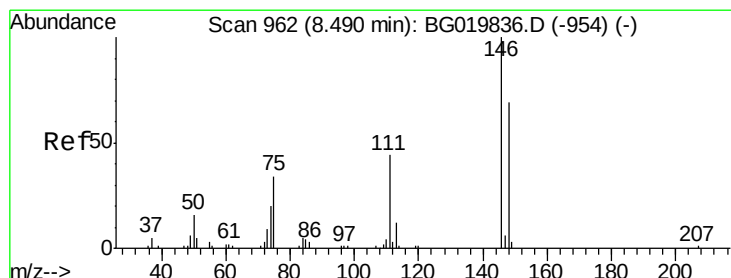
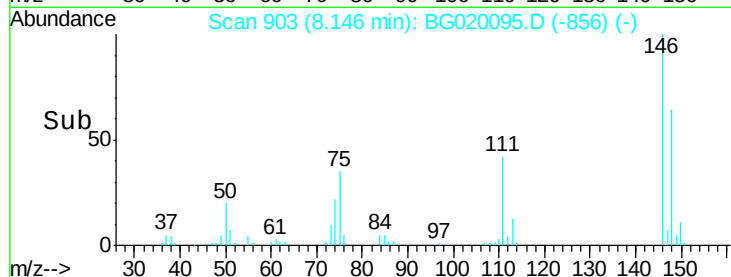
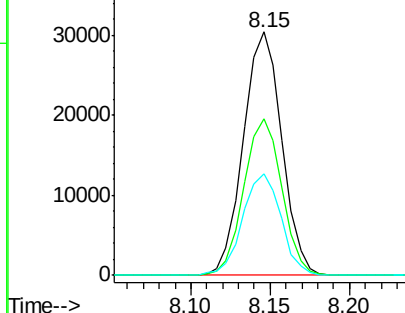
#13
 1,4-Dichlorobenzene
 Concen: 37.71 ng
 RT: 8.15 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

Tot Ion:146 Resp: 51300
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.5 78.7
 111 41.9 28.3 42.5

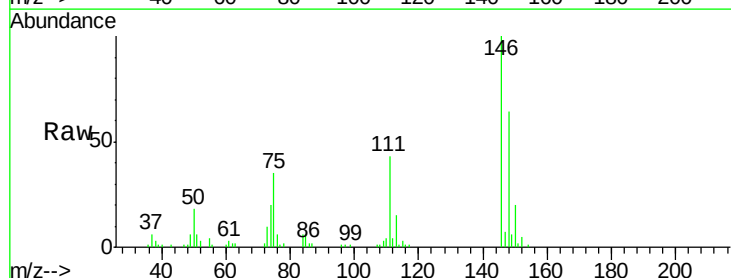


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

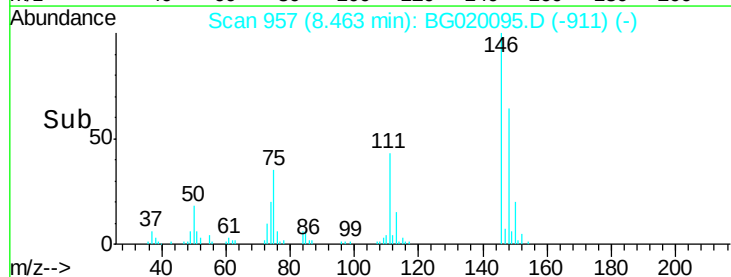
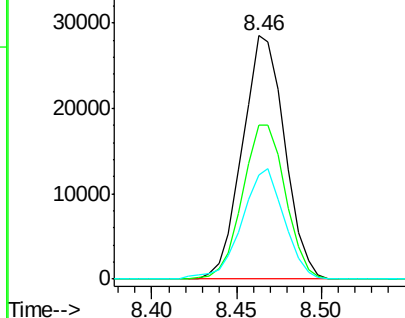


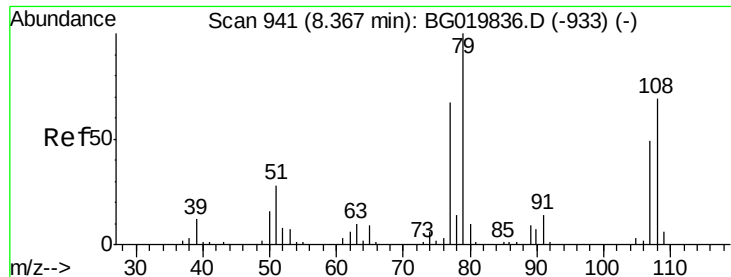
#14
 1,2-Dichlorobenzene
 Concen: 38.18 ng
 RT: 8.46 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion:146 Resp: 49537
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.5 78.7
 111 43.0 29.9 44.9



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.99 ng

RT: 8.35 min Scan# 937

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

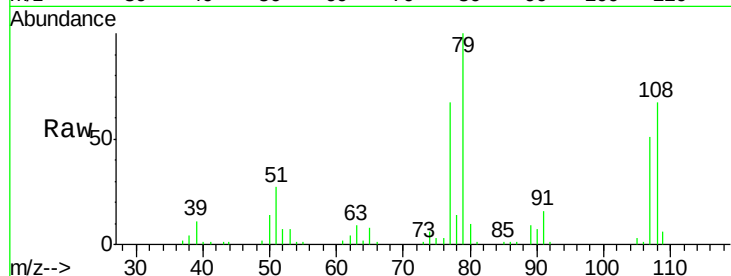
Tot Ion: 79 Resp: 50497

Ion Ratio Lower Upper

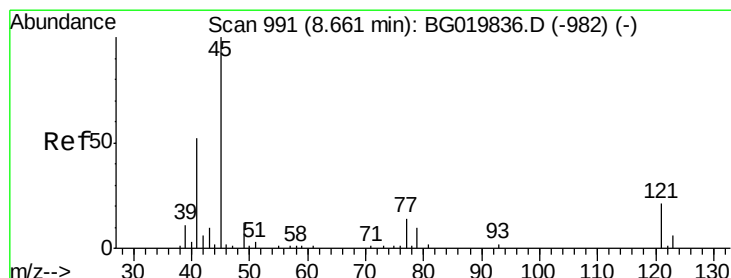
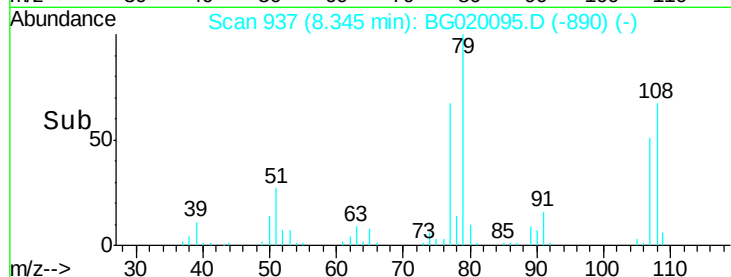
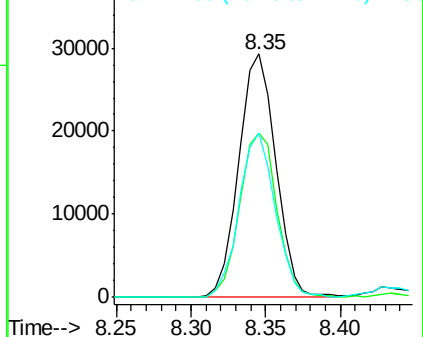
79 100

108 67.3 65.5 98.3

77 67.5 51.3 76.9



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.74 ng

RT: 8.64 min Scan# 987

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

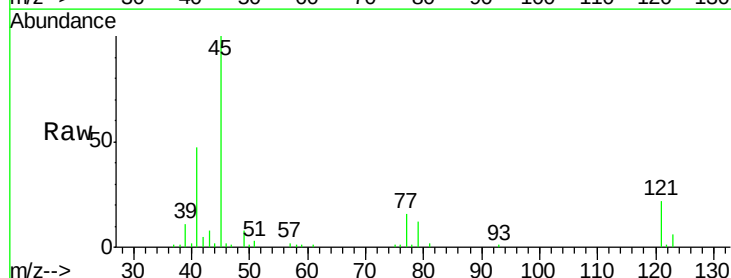
Tgt Ion: 45 Resp: 63548

Ion Ratio Lower Upper

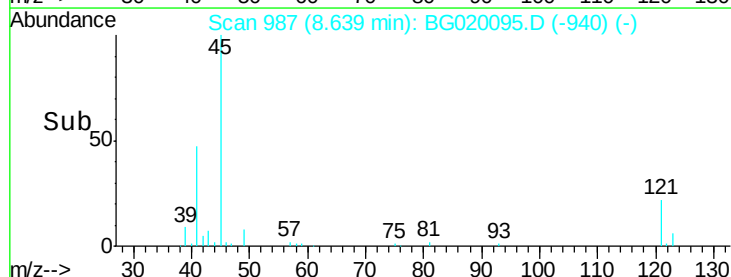
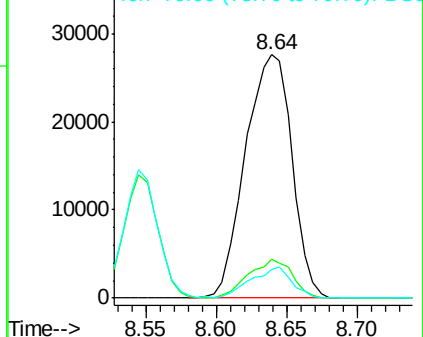
45 100

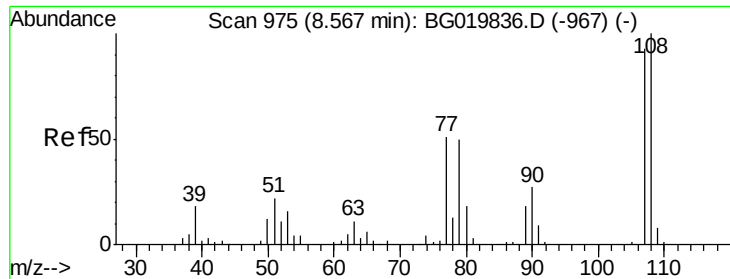
77 15.9 0.0 37.0

79 11.7 0.0 33.8



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

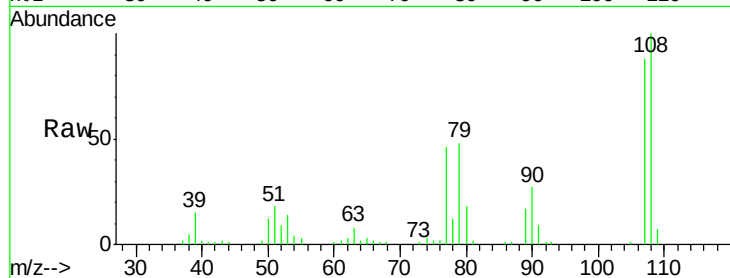




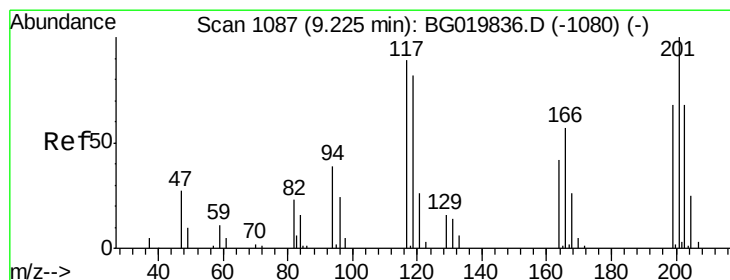
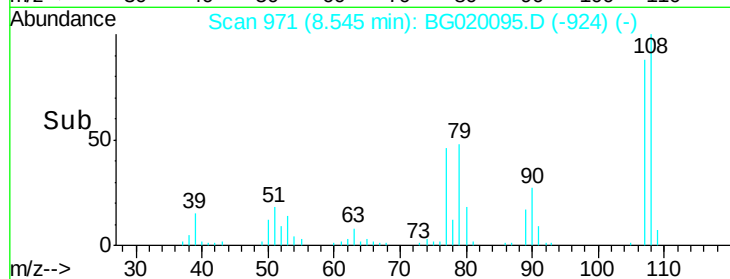
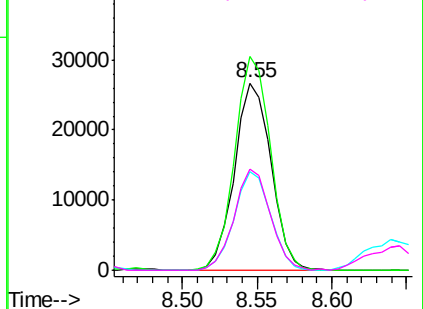
#17
2-Methylphenol
Concen: 42.59 ng
RT: 8.55 min Scan# 971
Delta R.T. -0.02 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Instrument :
BNA_G
ClientSampleId :
PB87183BSD

Tot Ion:107 Resp: 45531
Ion Ratio Lower Upper
107 100
108 113.9 86.5 129.7
77 52.4 34.6 51.8#
79 54.3 32.3 48.5#

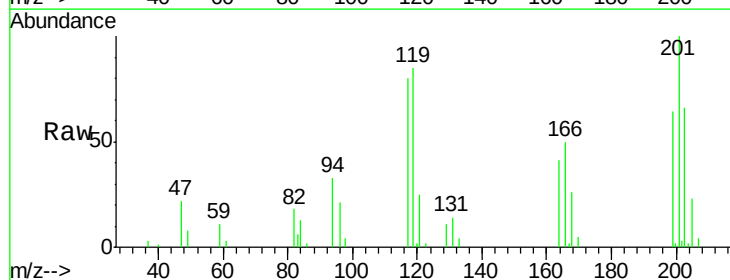


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

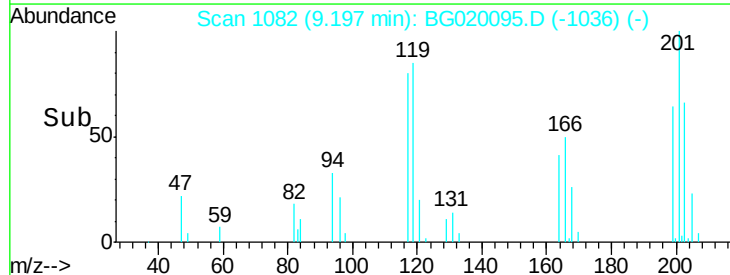
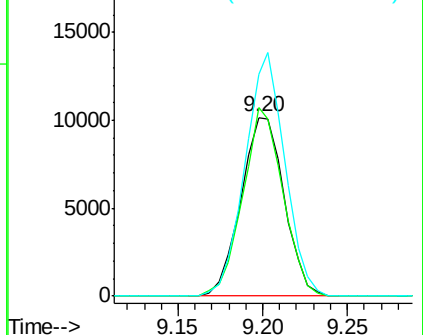


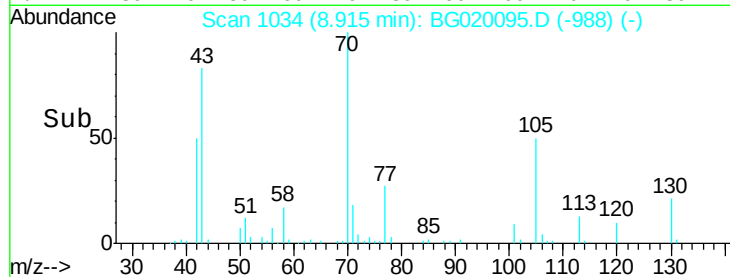
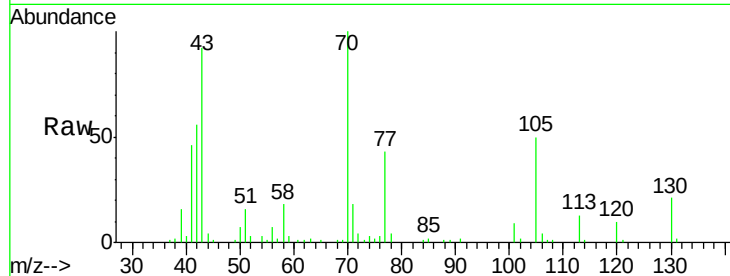
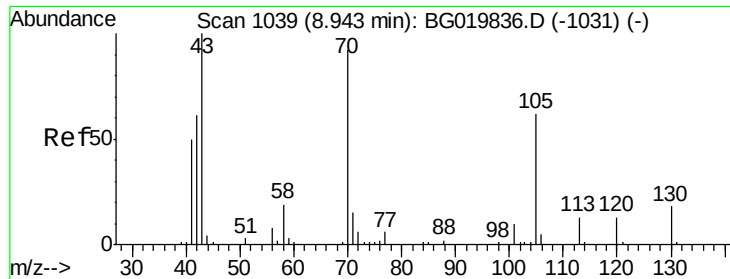
#18
Hexachloroethane
Concen: 35.47 ng
RT: 9.20 min Scan# 1082
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion:117 Resp: 18067
Ion Ratio Lower Upper
117 100
119 105.7 71.7 107.5
201 124.3 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

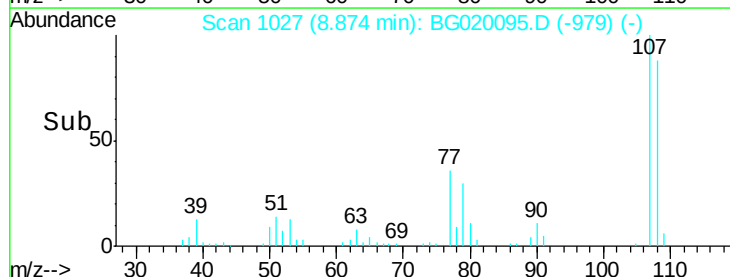
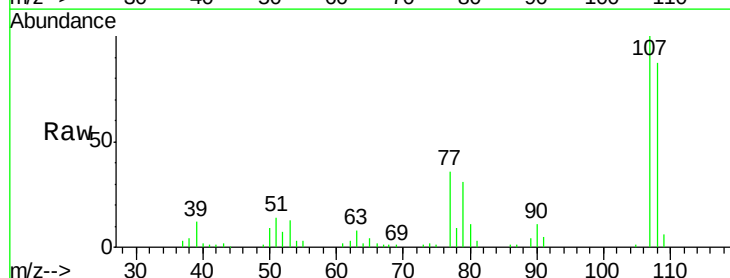
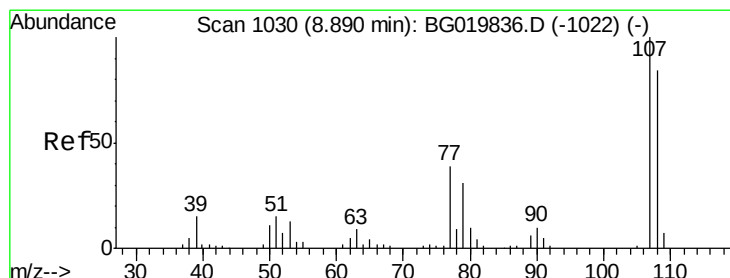
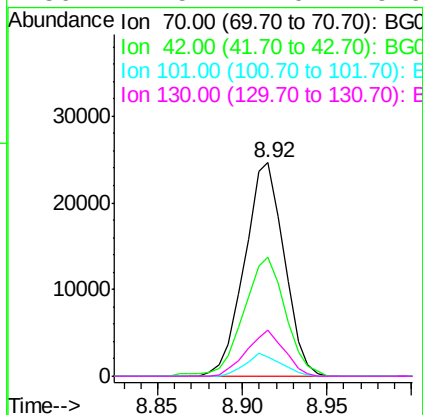




#19
n-Nitroso-di-n-propylamine
Concen: 35.39 ng
RT: 8.92 min Scan# 1034
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

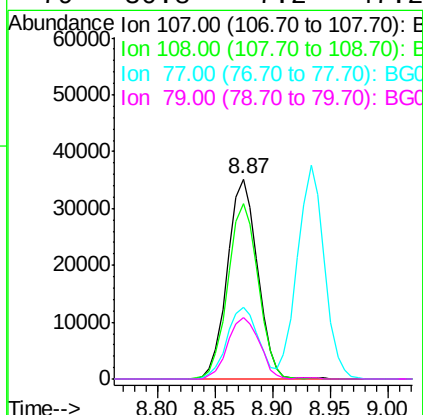
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

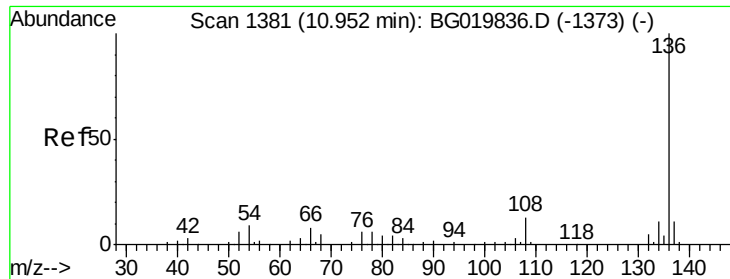
Tot Ion:	70	Resp:	40161
Ion	Ratio	Lower	Upper
70	100		
42	55.8	40.6	60.8
101	9.2	8.6	13.0
130	21.5	17.0	25.6



#20
3+4-Methylphenols
Concen: 42.42 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion:	107	Resp:	63862
Ion	Ratio	Lower	Upper
107	100		
108	87.4	72.2	112.2
77	36.1	13.4	53.4
79	30.8	7.2	47.2

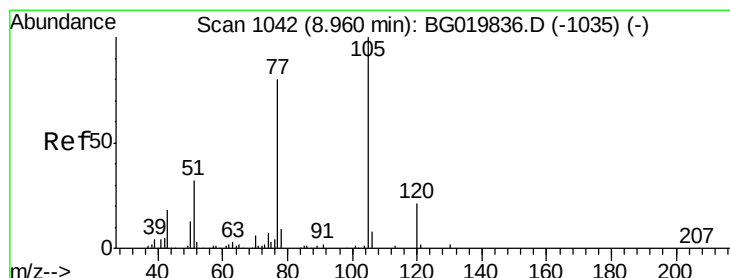
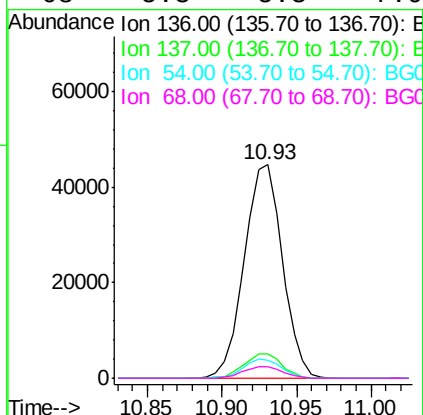
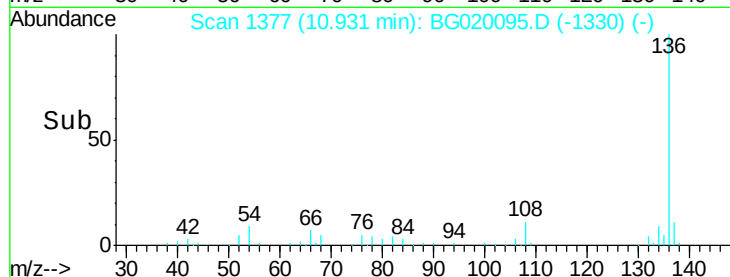
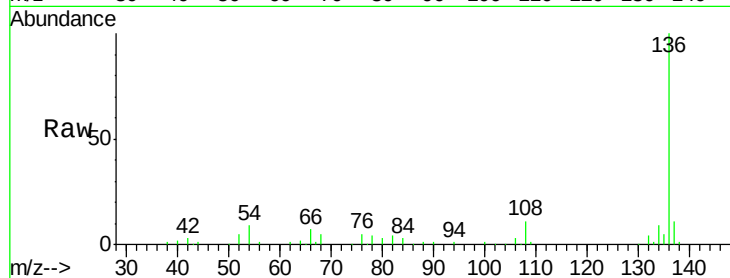




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

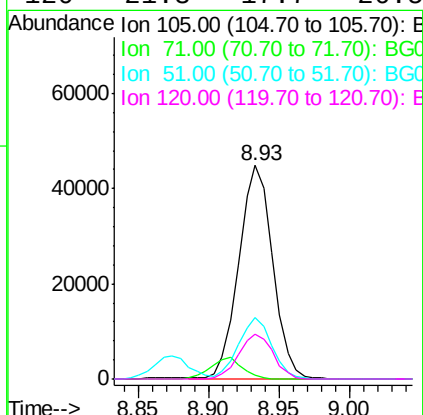
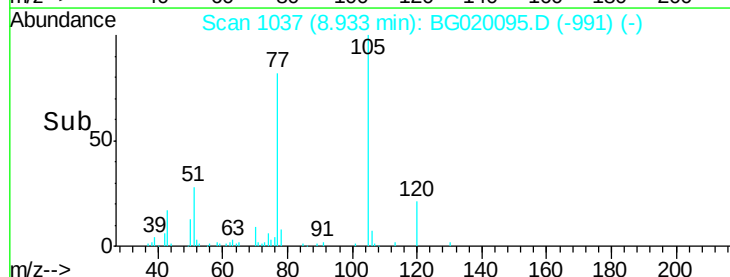
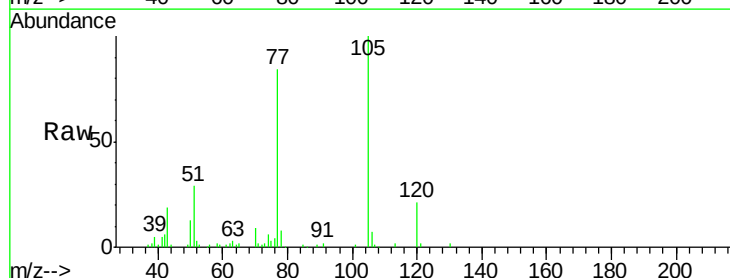
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

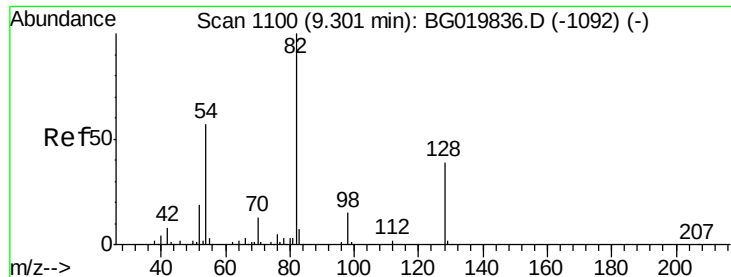
Tot Ion:136	Resp:	78981
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.6 12.8
54	8.6	5.4 8.2#
68	5.3	5.3 7.9



#22
Acetophenone
Concen: 34.87 ng
RT: 8.93 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion:105	Resp:	75495
Ion Ratio	Lower	Upper
105	100	
71	1.9	2.1 3.1#
51	28.8	17.8 26.8#
120	21.3	17.7 26.5

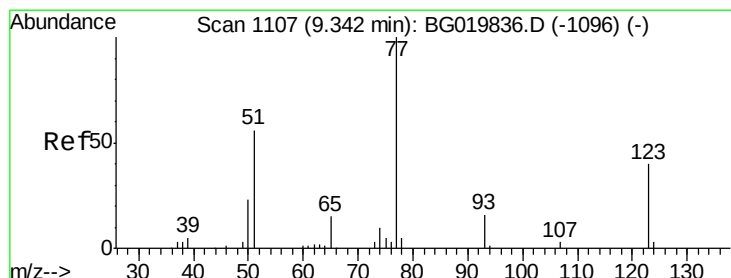
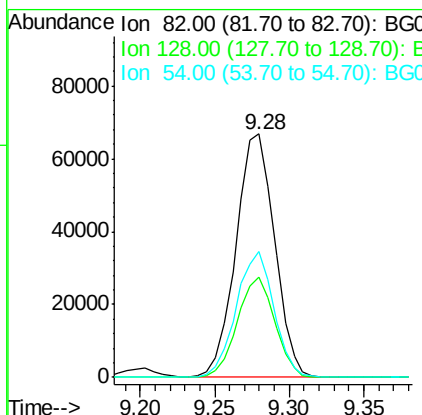
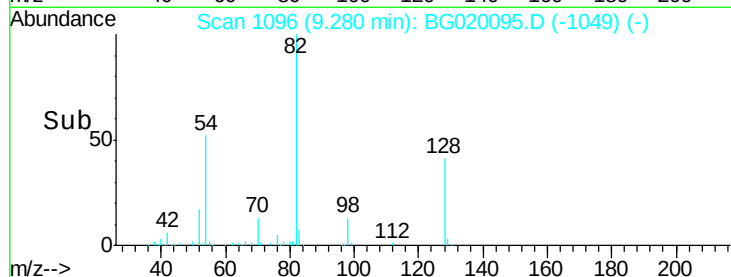
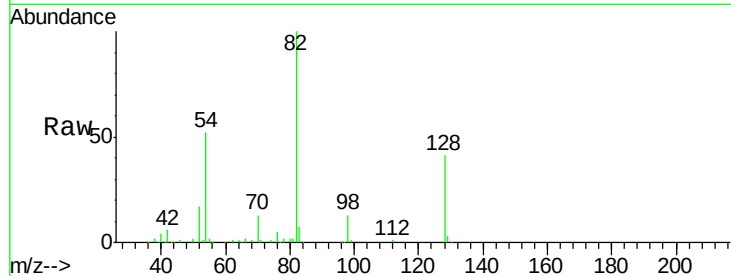




#23
 Nitrobenzene-d5
 Concen: 77.62 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

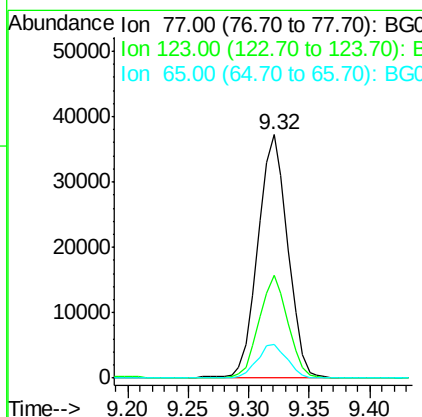
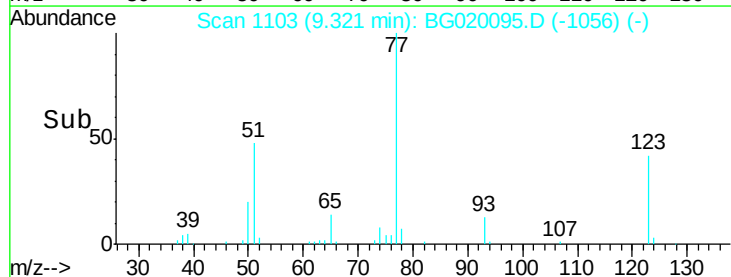
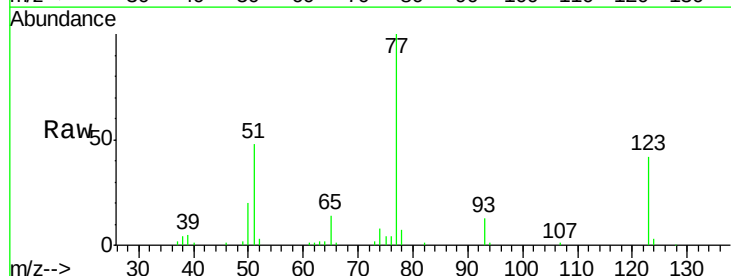
Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

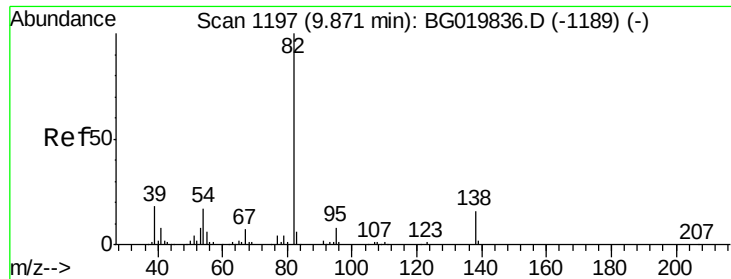
Tot Ion	82	Resp	120123
Ion Ratio	100	Lower	Upper
128	41.1	36.7	55.1
54	51.5	33.8	50.8#



#24
 Nitrobenzene
 Concen: 37.94 ng
 RT: 9.32 min Scan# 1103
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion	77	Resp	63694
Ion Ratio	100	Lower	Upper
123	42.1	38.2	57.2
65	14.0	10.6	16.0





#25

Isophorone

Concen: 33.91 ng

RT: 9.84 min Scan# 1191

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

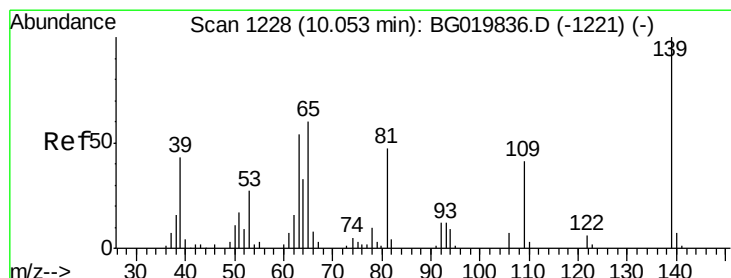
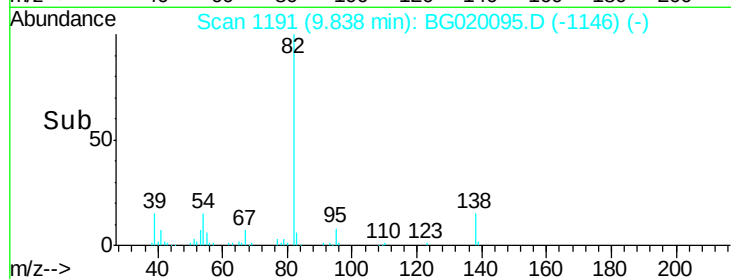
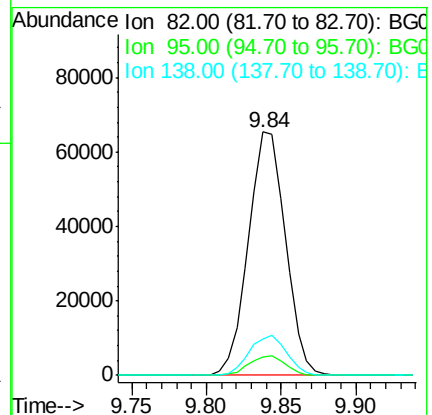
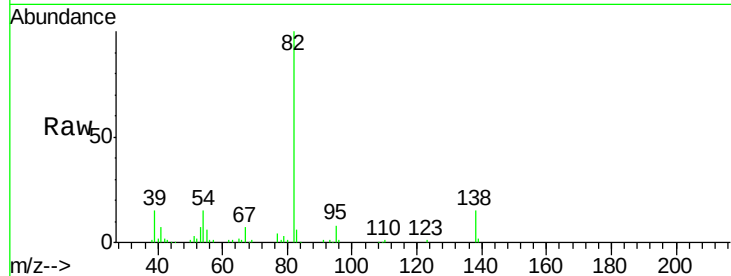
Tot Ion: 82 Resp: 112497

Ion Ratio Lower Upper

82 100

95 7.7 5.2 7.8

138 14.9 14.4 21.6



#26

2-Nitrophenol

Concen: 43.49 ng

RT: 10.03 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

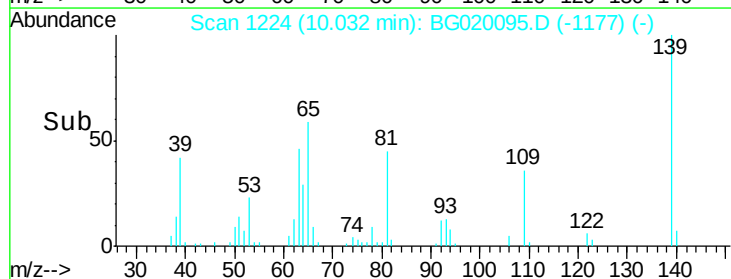
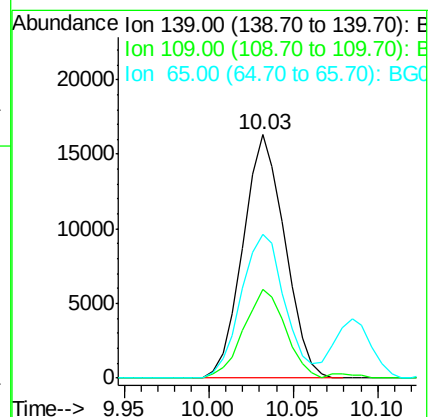
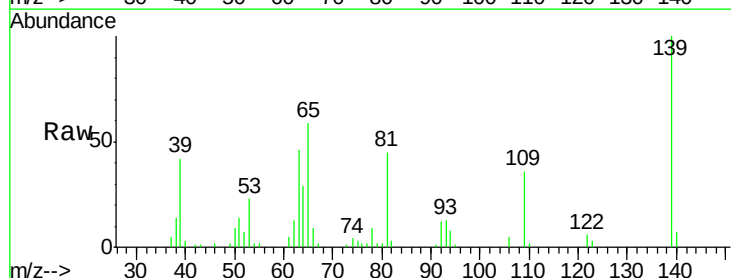
Tgt Ion: 139 Resp: 28199

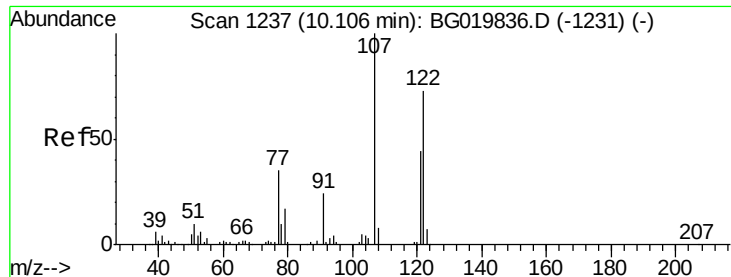
Ion Ratio Lower Upper

139 100

109 36.3 20.1 30.1#

65 58.8 34.1 51.1#

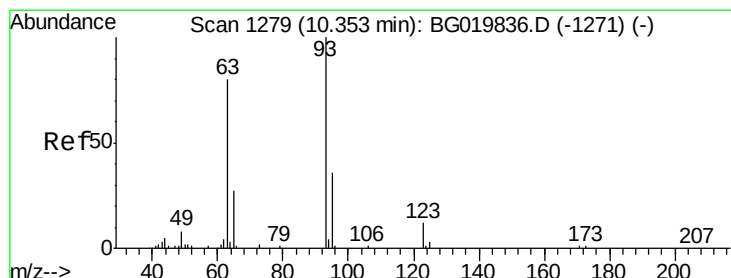
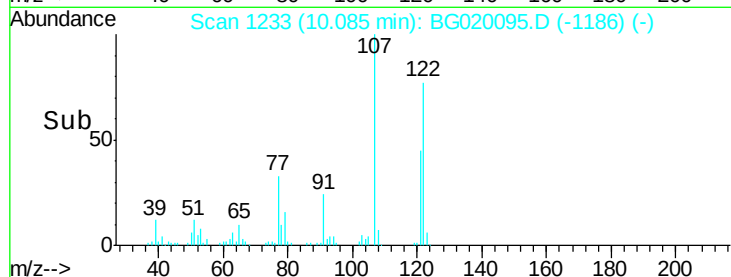
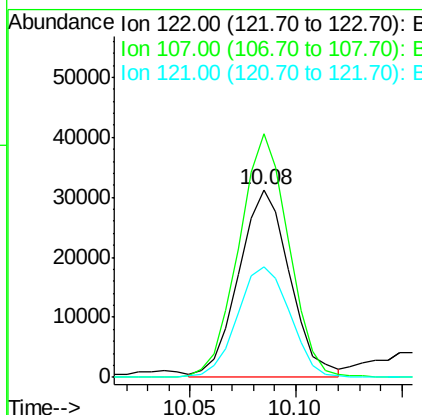
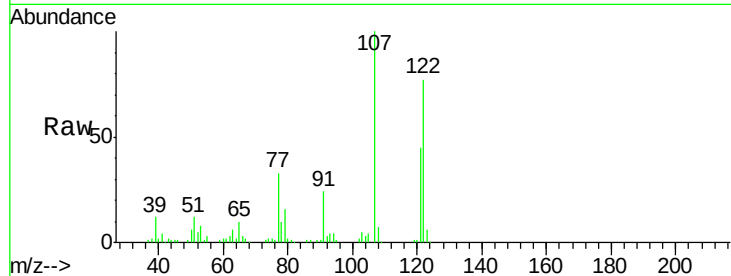




#27
 2,4-Dimethylphenol
 Concen: 38.78 ng
 RT: 10.08 min Scan# 1233
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

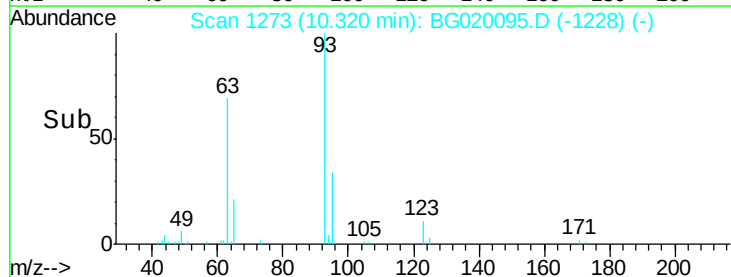
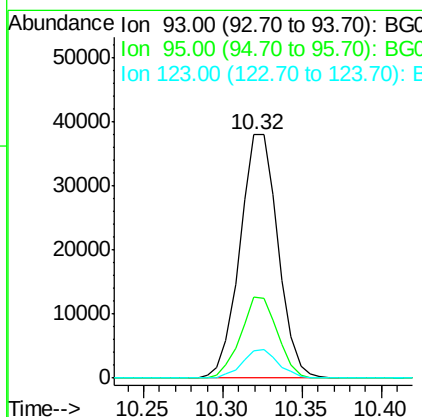
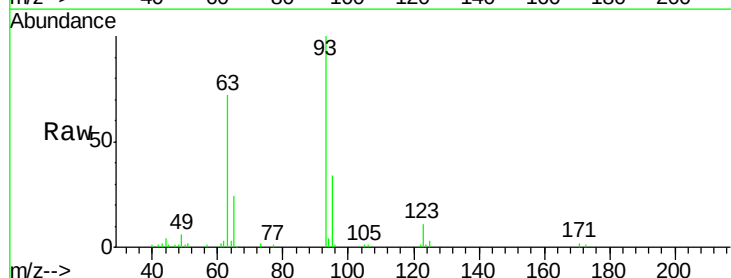
Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

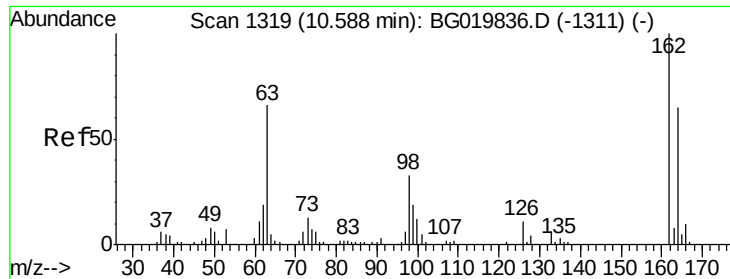
Tot Ion:122 Resp: 52353
 Ion Ratio Lower Upper
 122 100
 107 129.7 91.6 137.4
 121 58.5 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.98 ng
 RT: 10.32 min Scan# 1273
 Delta R.T. -0.03 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion: 93 Resp: 63192
 Ion Ratio Lower Upper
 93 100
 95 33.5 25.7 38.5
 123 11.2 8.6 12.8

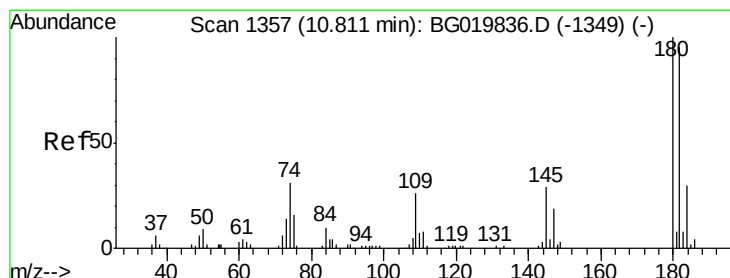
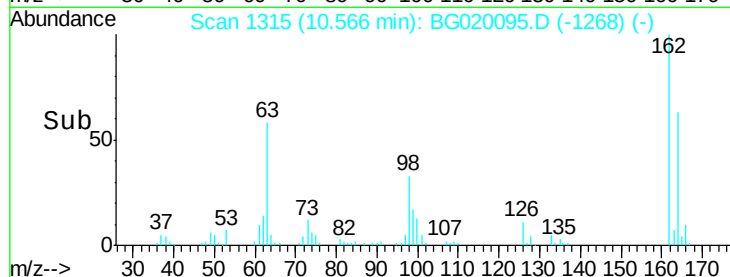
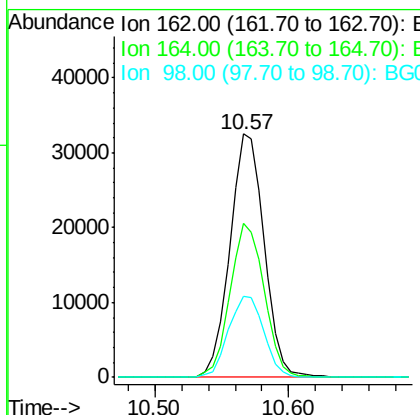
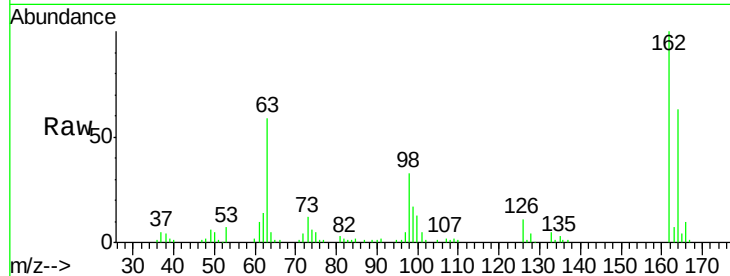




#29
2,4-Dichlorophenol
Concen: 42.01 ng
RT: 10.57 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

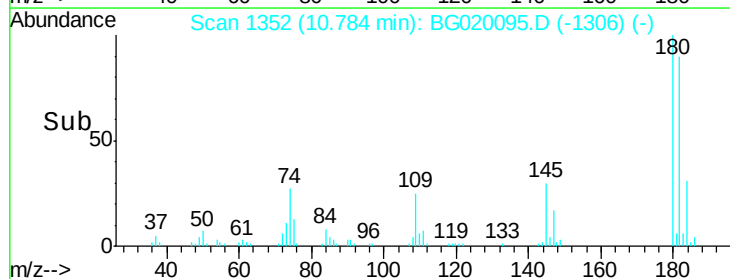
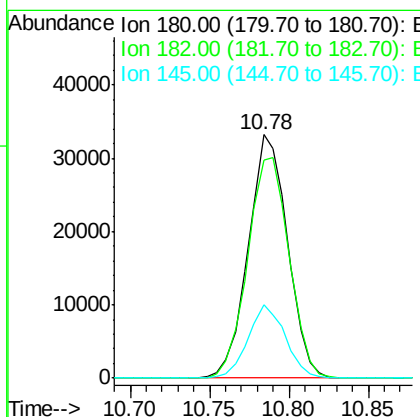
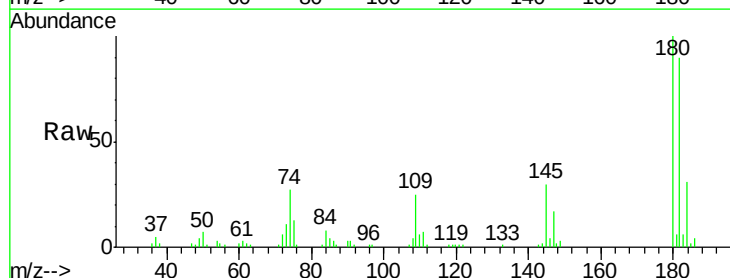
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

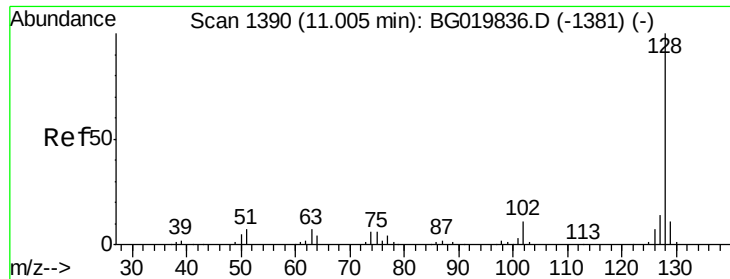
Tot Ion:162 Resp: 57938
Ion Ratio Lower Upper
162 100
164 63.3 42.3 82.3
98 33.4 11.5 51.5



#30
1,2,4-Trichlorobenzene
Concen: 36.61 ng
RT: 10.78 min Scan# 1352
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion:180 Resp: 57064
Ion Ratio Lower Upper
180 100
182 89.6 79.7 119.5
145 30.1 22.0 33.0





#31

Naphthalene

Concen: 37.30 ng

RT: 10.98 min Scan# 1385

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

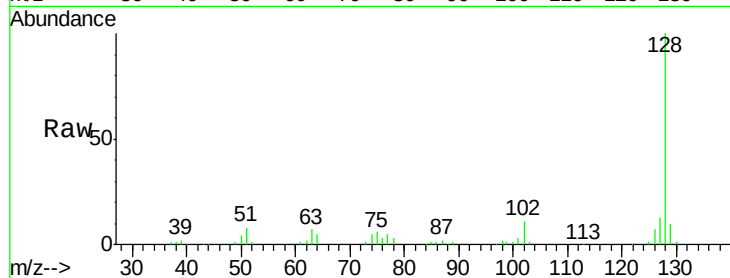
Tot Ion:128 Resp: 157818

Ion Ratio Lower Upper

128 100

129 10.2 8.5 12.7

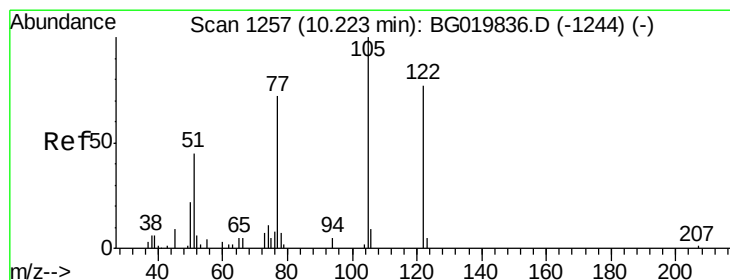
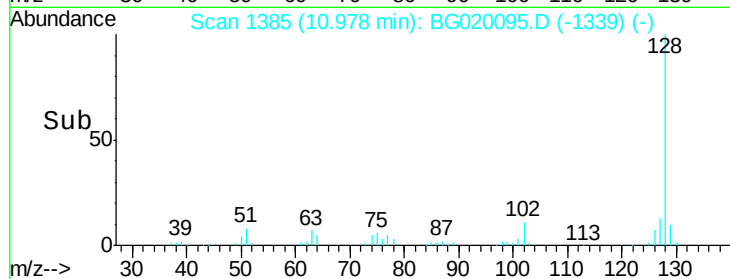
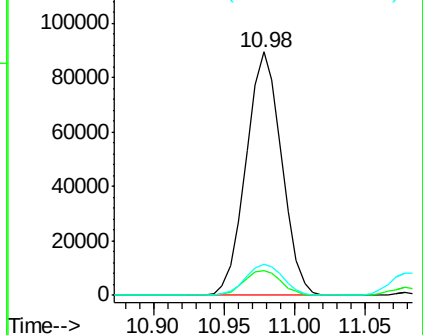
127 13.0 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 41.86 ng

RT: 10.21 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

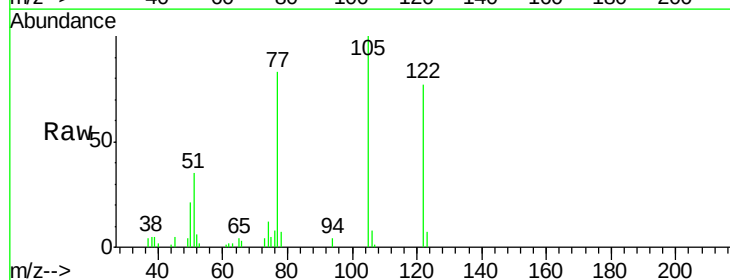
Tgt Ion:122 Resp: 37292

Ion Ratio Lower Upper

122 100

105 129.5 103.8 143.8

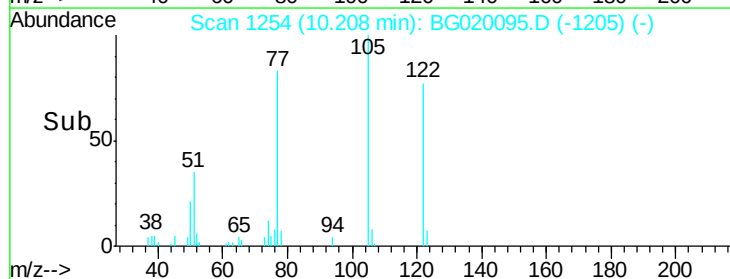
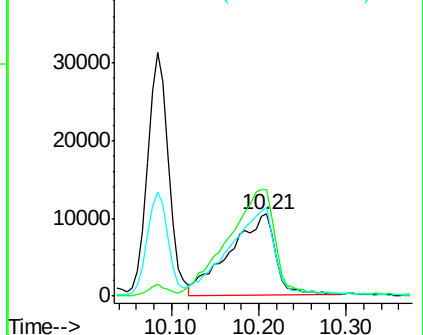
77 107.5 68.8 108.8

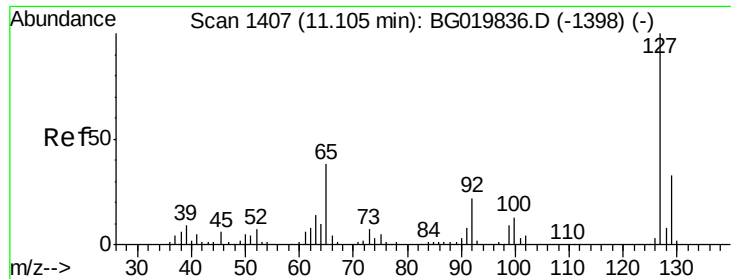


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

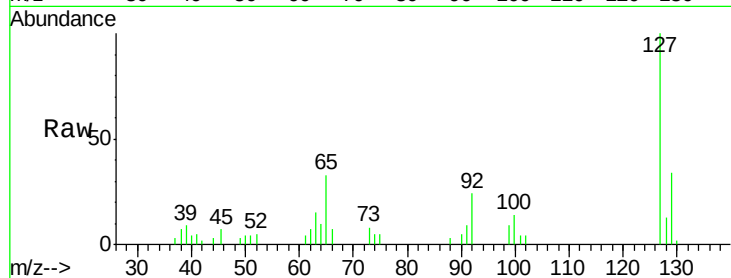




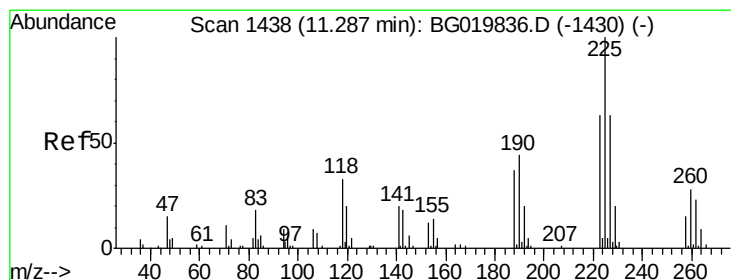
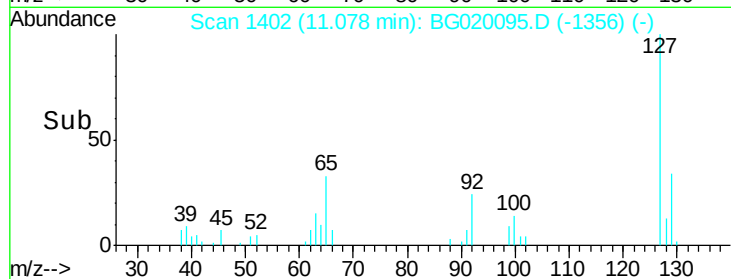
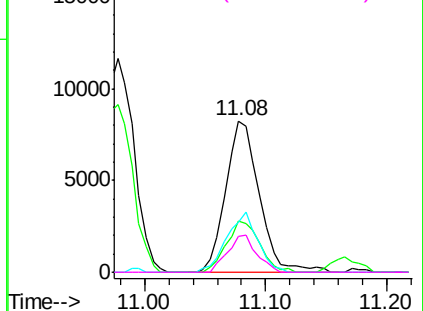
#33
4-Chloroaniline
Concen: 8.59 ng
RT: 11.08 min Scan# 1402
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Instrument :
BNA_G
ClientSampleId :
PB87183BSD

Tot Ion:127 Resp: 16014
Ion Ratio Lower Upper
127 100
129 34.1 24.6 37.0
65 33.1 22.6 33.8
92 24.0 15.1 22.7#

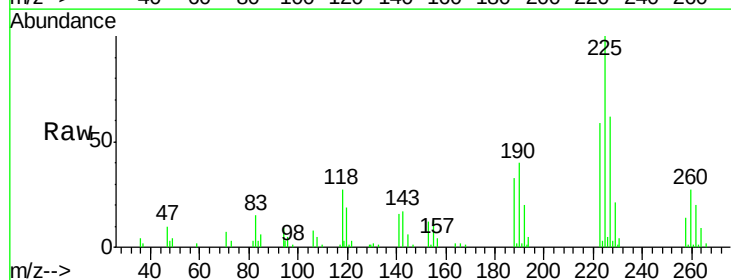


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

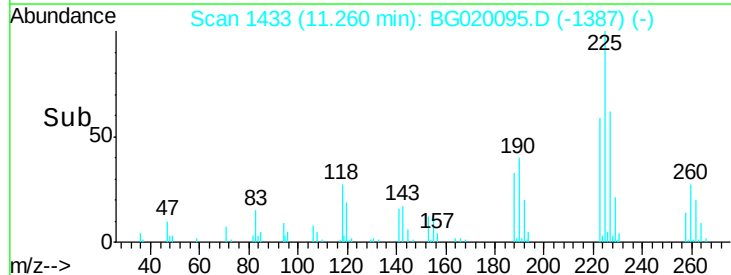
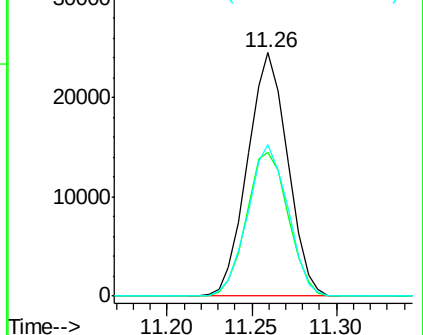


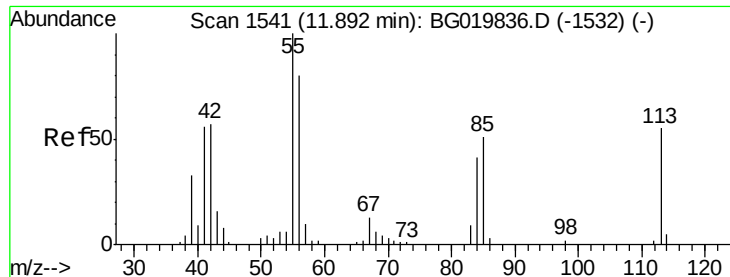
#34
Hexachlorobutadiene
Concen: 35.17 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion:225 Resp: 40442
Ion Ratio Lower Upper
225 100
223 61.5 51.0 76.4
227 62.3 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: 37.92 ng

RT: 11.85 min Scan# 1534

Delta R.T. -0.04 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

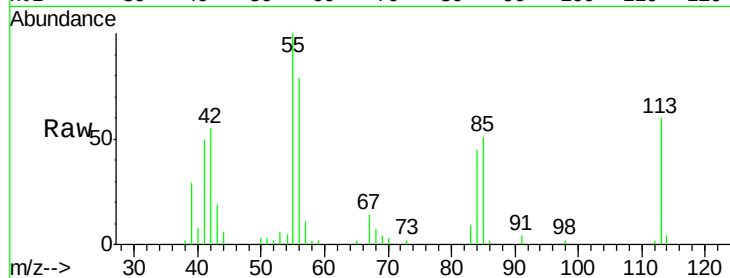
Tot Ion:113 Resp: 19468

Ion Ratio Lower Upper

113 100

55 167.0 135.0 175.0

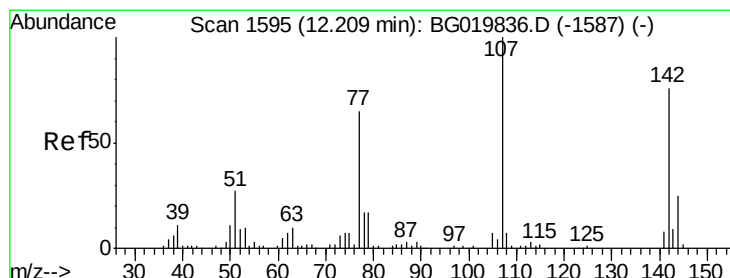
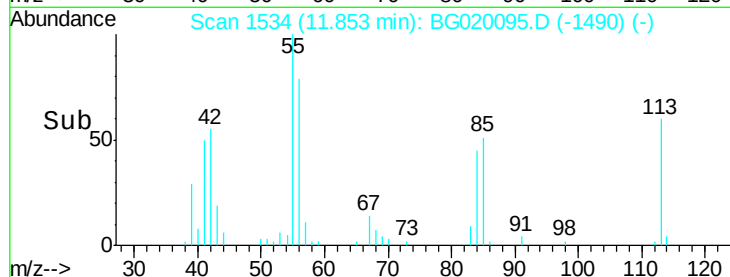
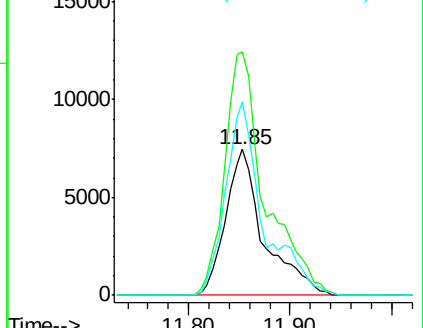
56 132.5 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 38.12 ng

RT: 12.19 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

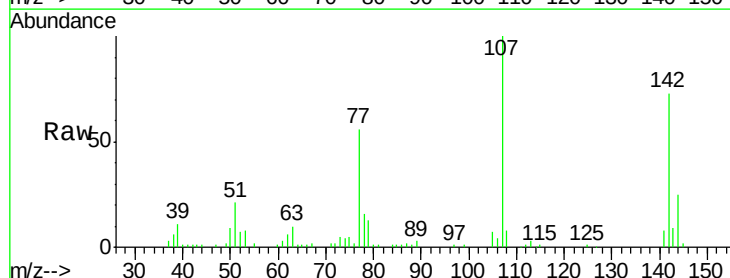
Tgt Ion:107 Resp: 65476

Ion Ratio Lower Upper

107 100

144 24.6 20.6 31.0

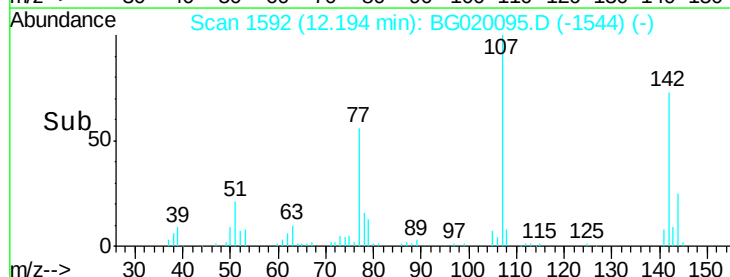
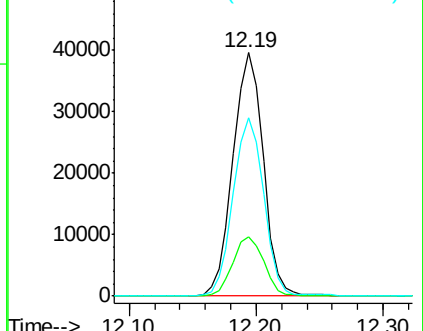
142 73.1 62.6 93.8

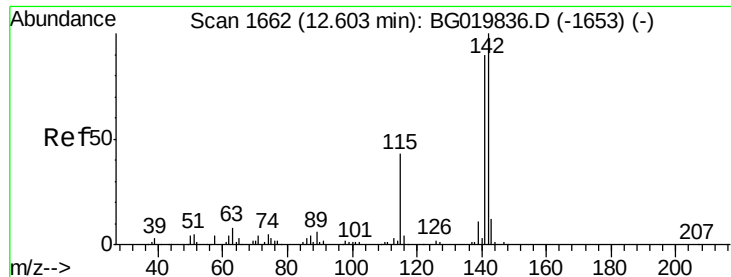


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

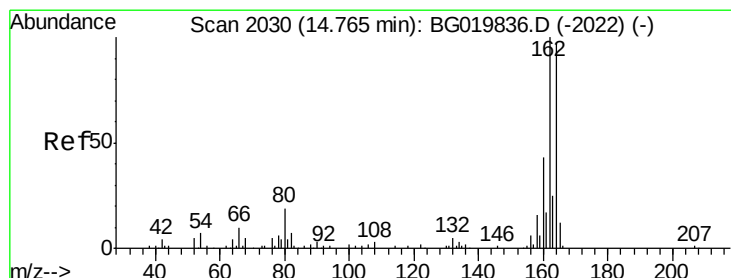
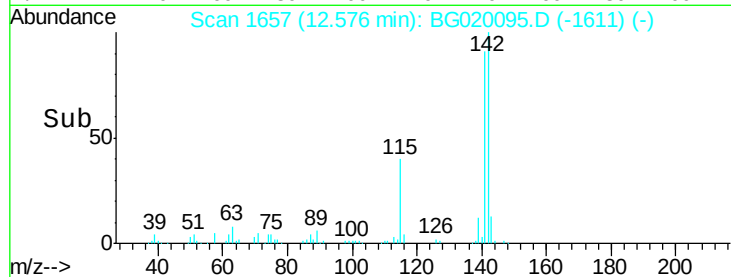
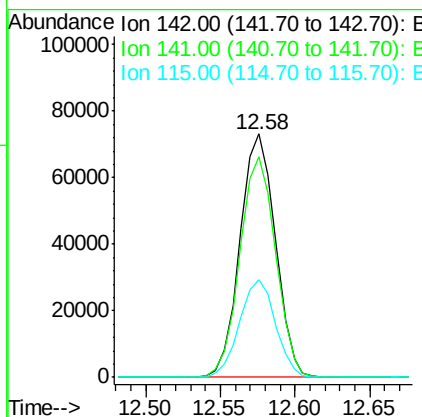
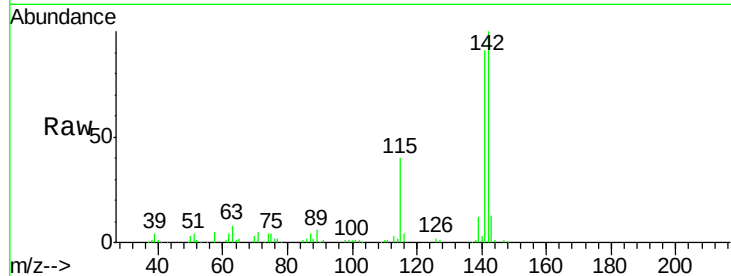




#37
2-Methylnaphthalene
Concen: 38.65 ng
RT: 12.58 min Scan# 1657
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

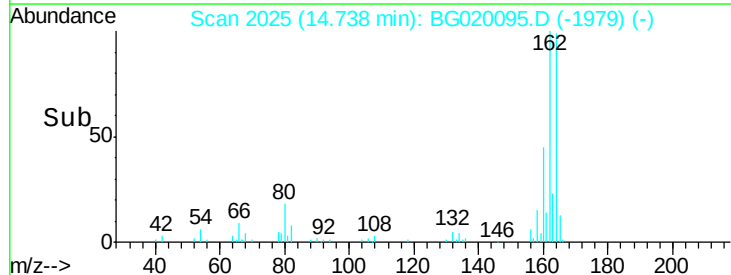
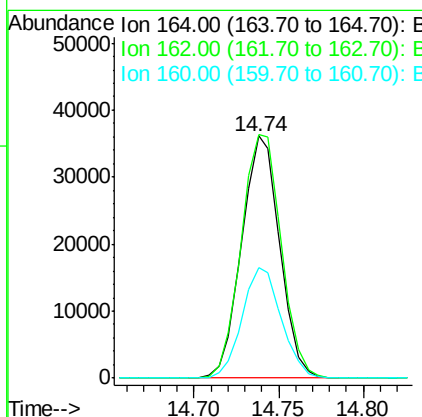
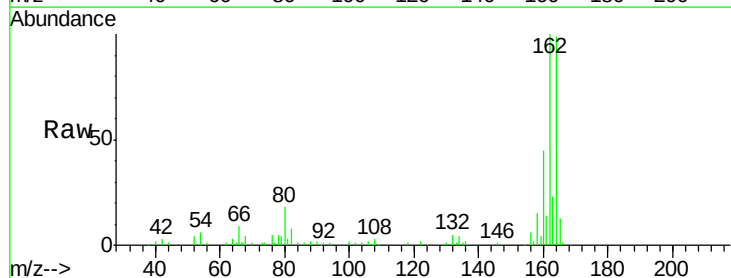
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

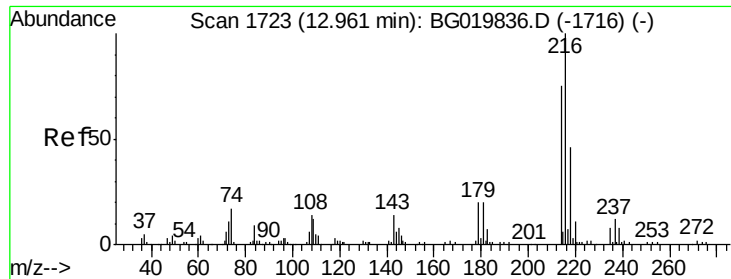
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	74.6	112.0
115	40.2	27.4	41.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	78.8	118.2
160	45.7	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.59 ng

RT: 12.94 min Scan# 1719

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

Tot Ion:216 Resp: 78494

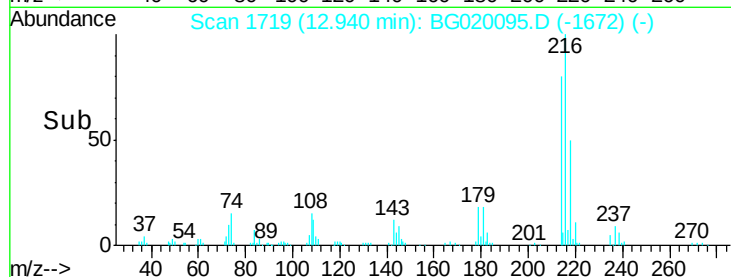
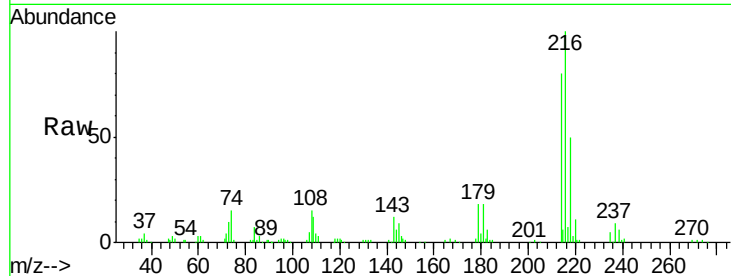
Ion Ratio Lower Upper

216 100

214 79.4 62.5 93.7

179 19.2 15.6 23.4

108 17.0 13.3 19.9

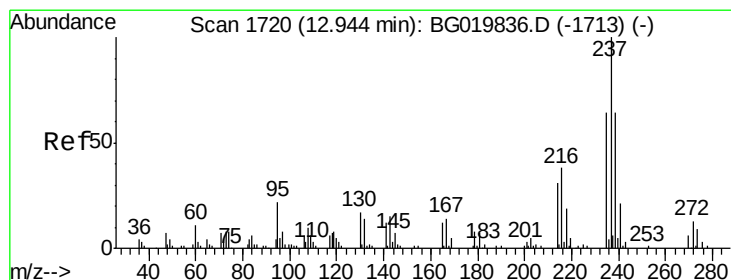
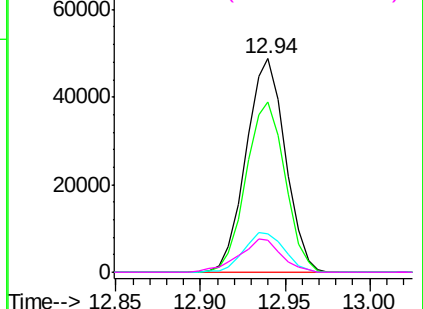


Abundance Ion 216.00 (215.70 to 216.70): E

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: 59.60 ng

RT: 12.92 min Scan# 1715

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

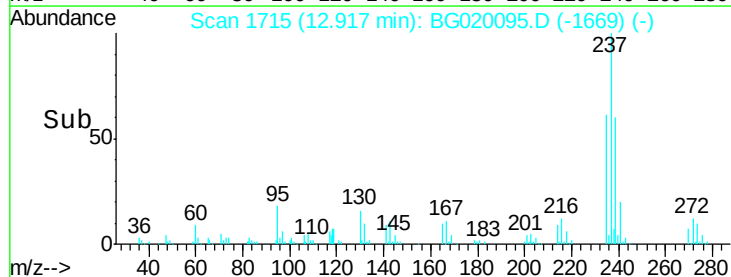
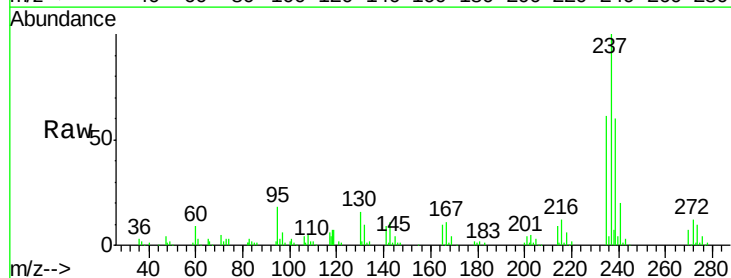
Tgt Ion:237 Resp: 72912

Ion Ratio Lower Upper

237 100

235 61.2 44.6 84.6

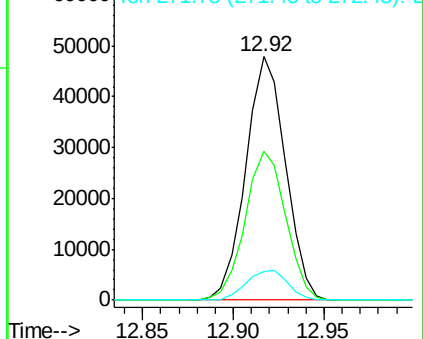
272 11.9 0.0 32.8

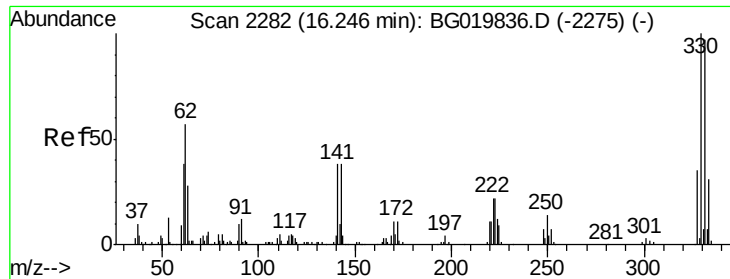


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

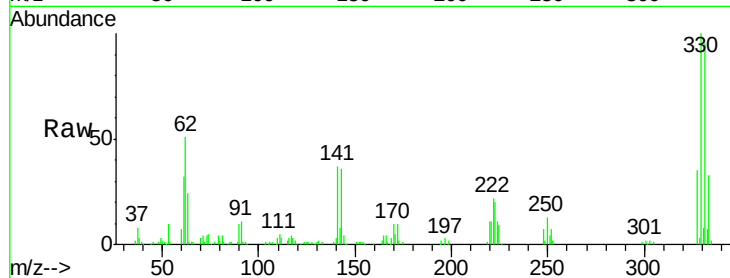




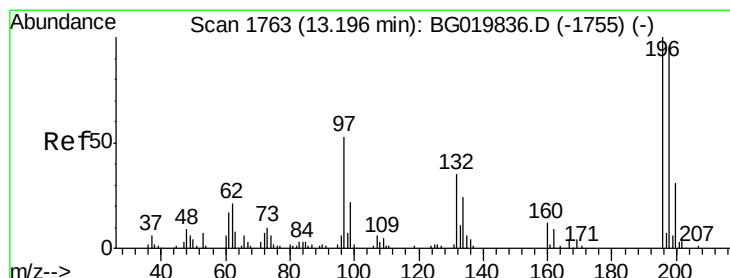
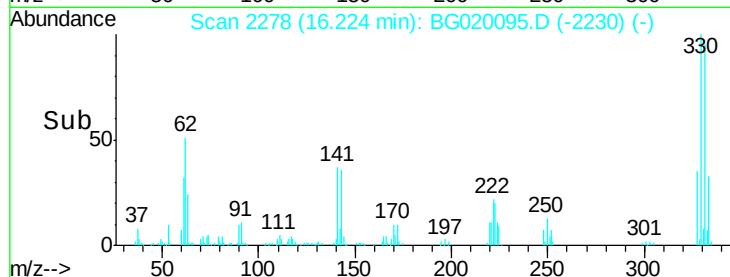
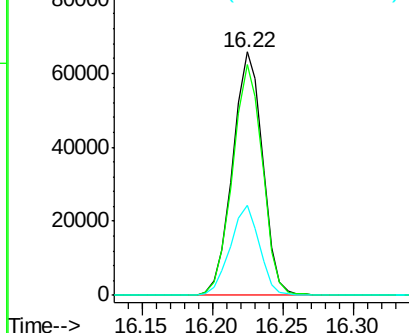
#41
 2,4,6-Tribromophenol
 Concen: 112.61 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.1	117.1
141	36.1	28.2	42.2

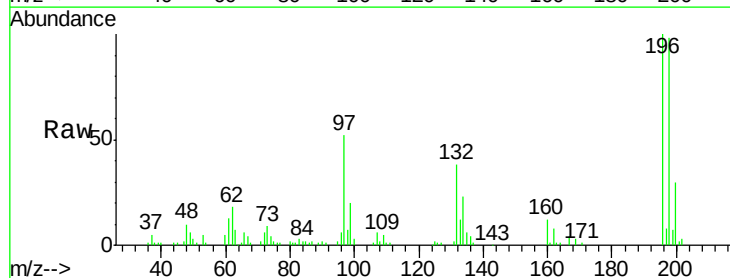


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

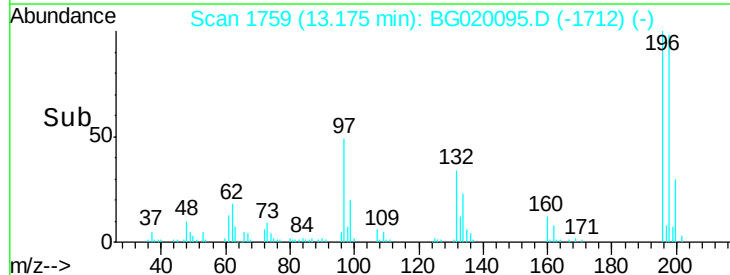
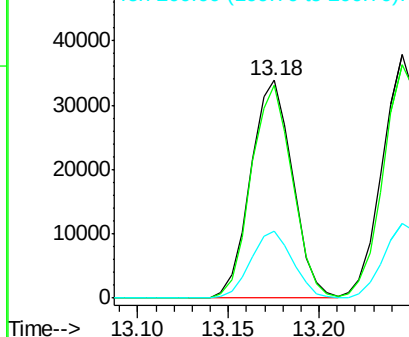


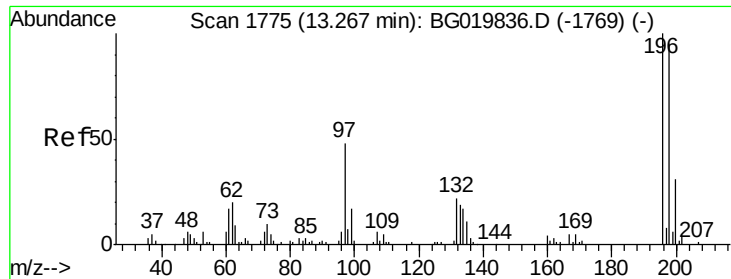
#42
 2,4,6-Trichlorophenol
 Concen: 38.40 ng
 RT: 13.18 min Scan# 1759
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.7	74.7	112.1
200	30.5	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

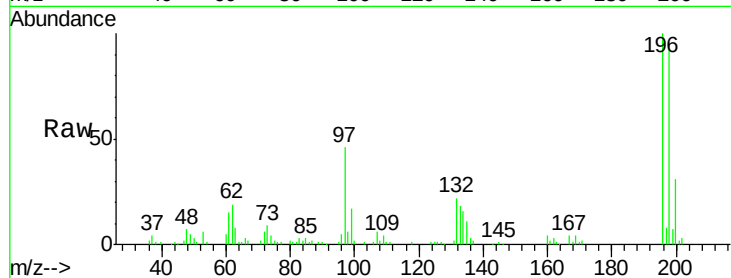




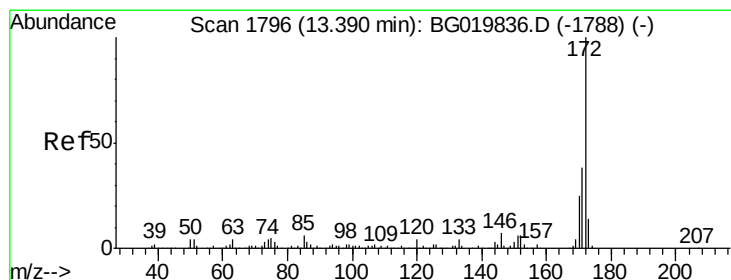
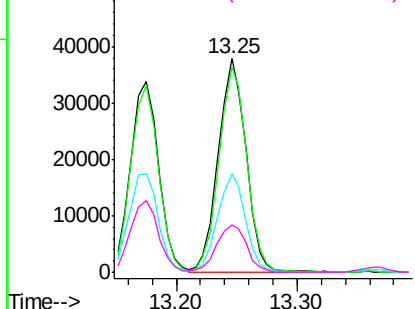
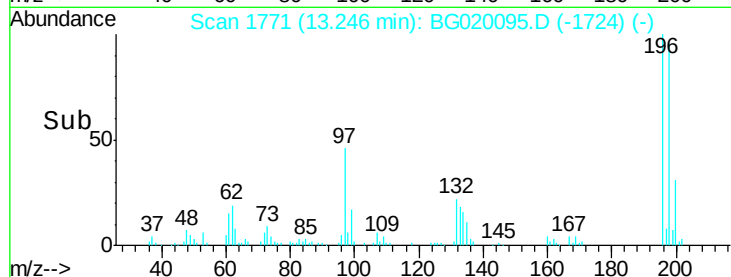
#43
2,4,5-Trichlorophenol
Concen: 40.11 ng
RT: 13.25 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Instrument :
BNA_G
ClientSampleId :
PB87183BSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.2	112.8
97	46.1	34.2	51.2
132	22.2	21.8	32.6

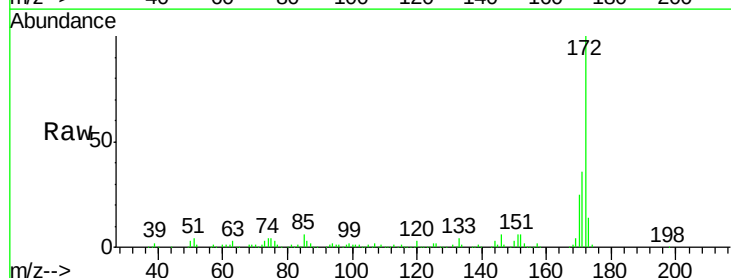


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

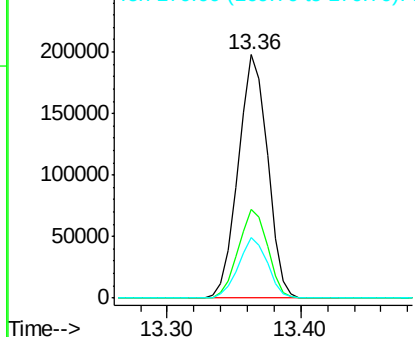
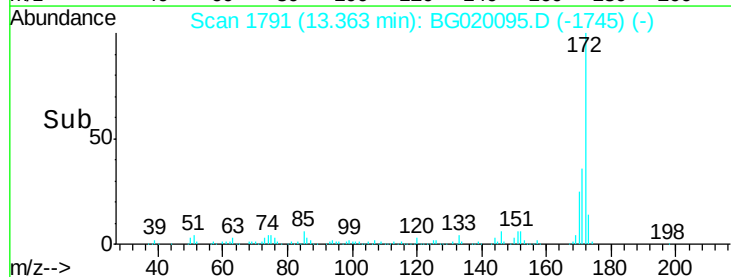


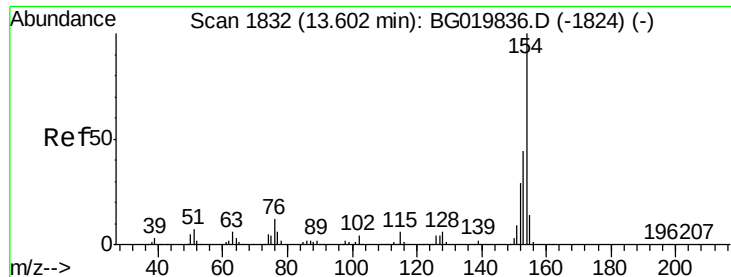
#44
2-Fluorobiphenyl
Concen: 72.60 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.7	19.9	29.9



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





#45

1,1'-Biphenyl

Concen: 35.32 ng

RT: 13.57 min Scan# 1827

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

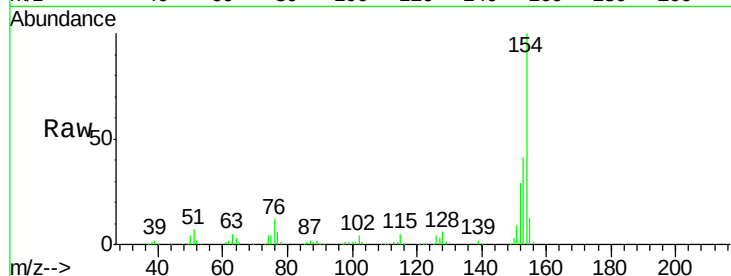
Tot Ion:154 Resp: 163856

Ion Ratio Lower Upper

154 100

153 41.1 21.9 61.9

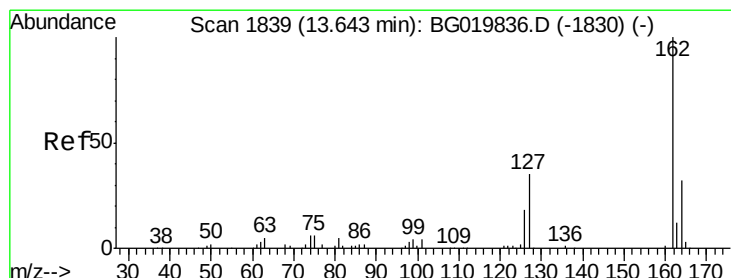
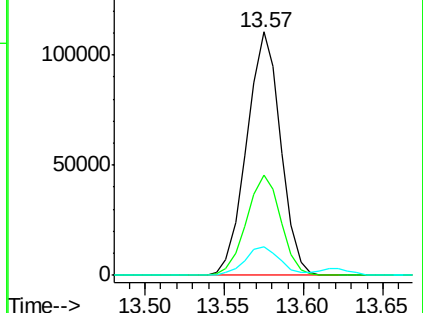
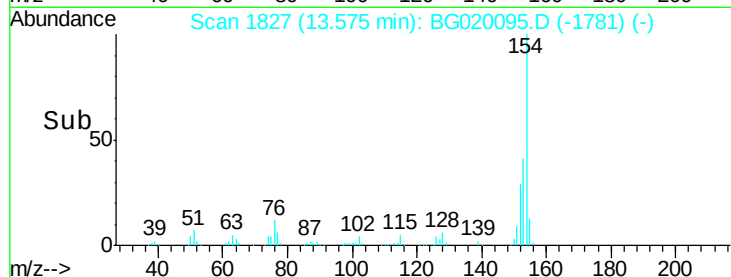
76 11.5 0.0 33.2



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: 36.54 ng

RT: 13.62 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

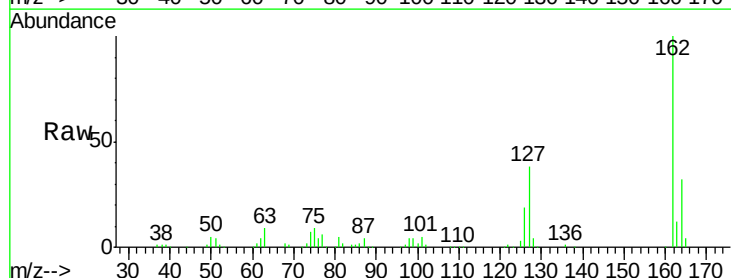
Tgt Ion:162 Resp: 130688

Ion Ratio Lower Upper

162 100

127 38.1 28.3 42.5

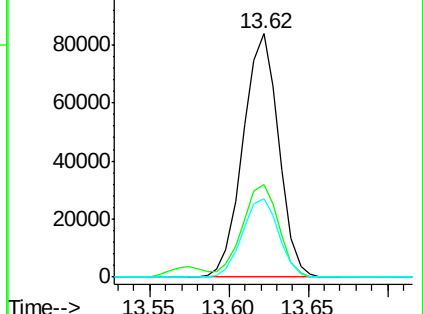
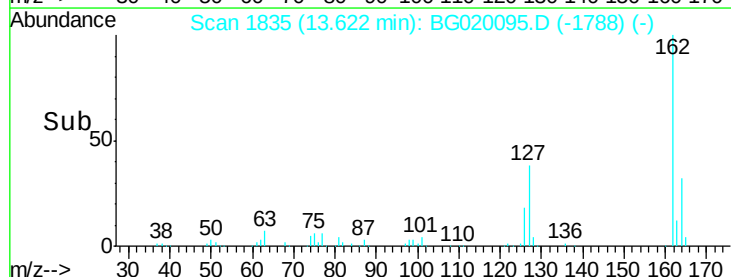
164 32.5 27.4 41.0

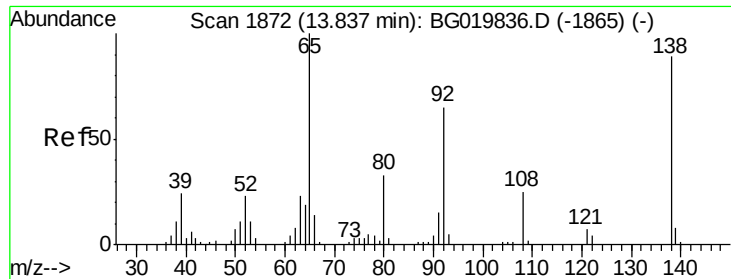


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.91 ng

RT: 13.82 min Scan# 1868

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

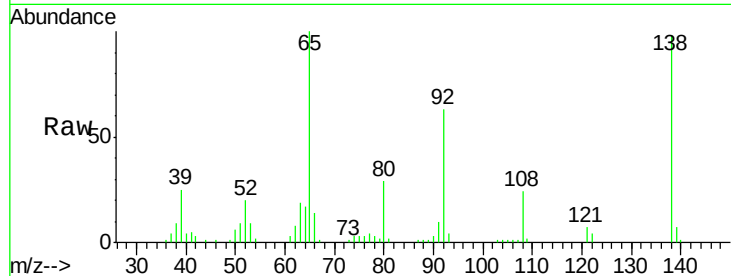
Tot Ion: 65 Resp: 46208

Ion Ratio Lower Upper

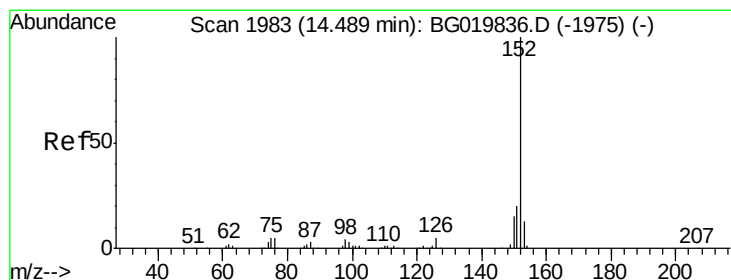
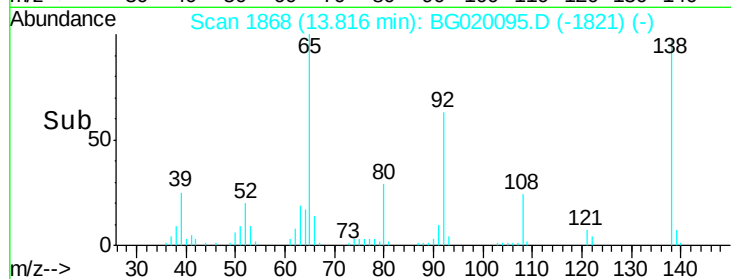
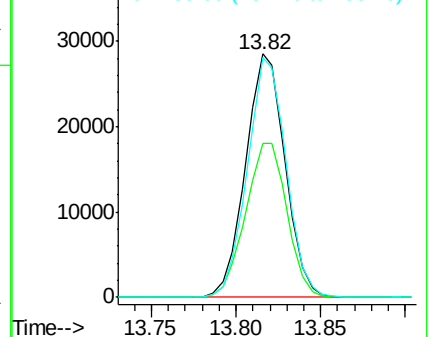
65 100

92 63.1 54.8 82.2

138 98.3 89.6 134.4



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



#48

Acenaphthylene

Concen: 36.10 ng

RT: 14.46 min Scan# 1978

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

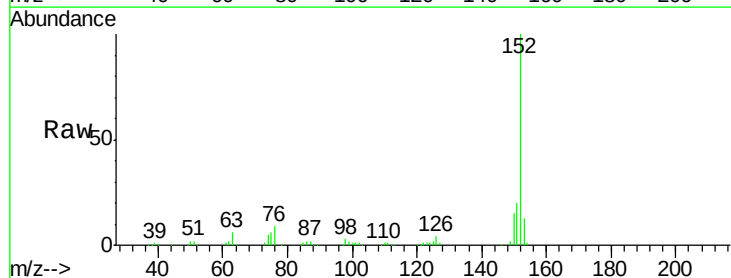
Tgt Ion: 152 Resp: 219900

Ion Ratio Lower Upper

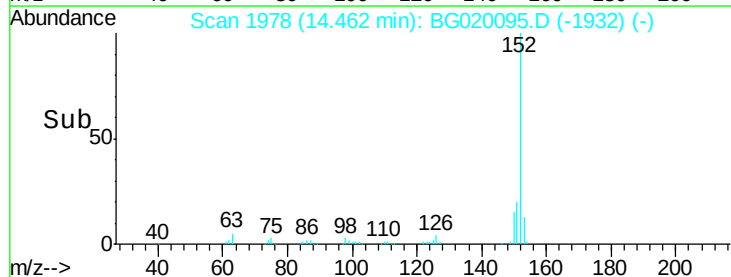
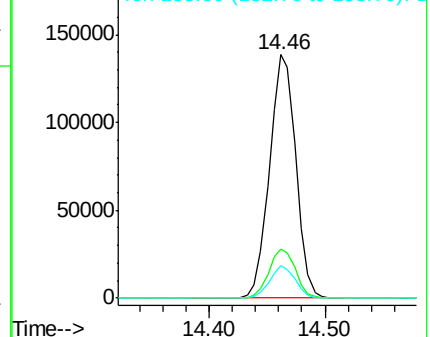
152 100

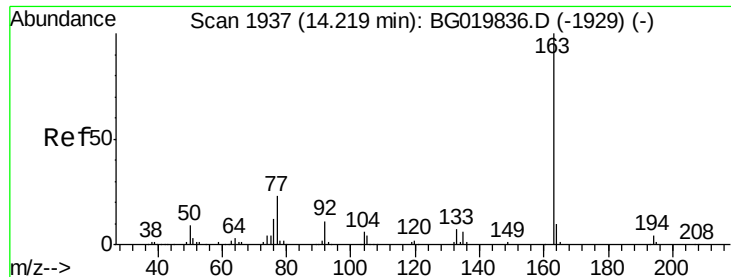
151 20.3 17.0 25.4

153 13.3 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 34.30 ng

RT: 14.19 min Scan# 1931

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

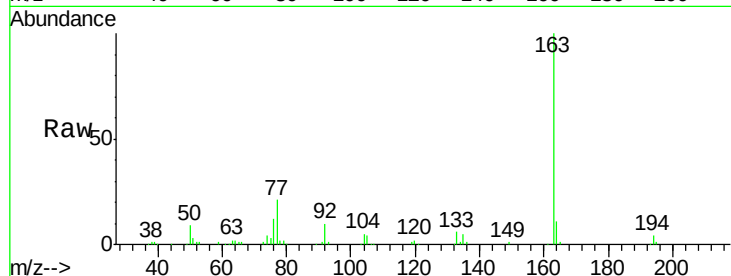
Tot Ion:163 Resp: 174444

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

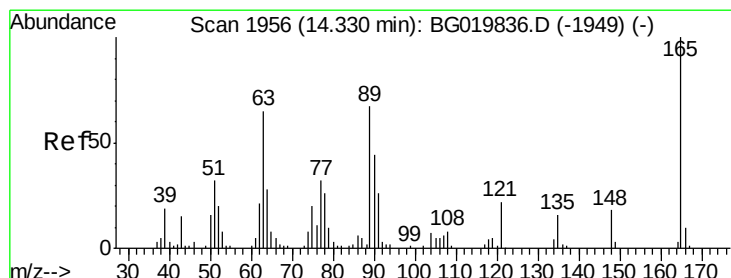
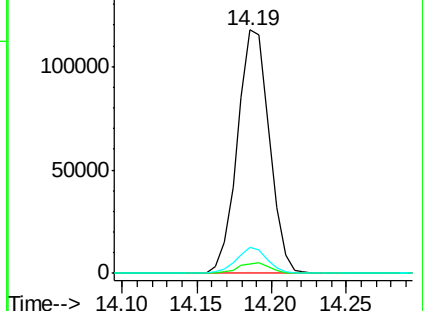
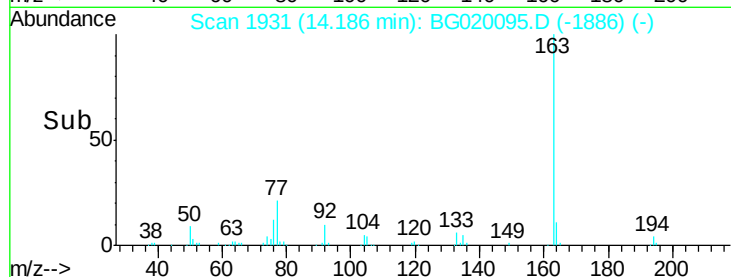
164 10.7 8.8 13.2



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: 40.89 ng

RT: 14.31 min Scan# 1952

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

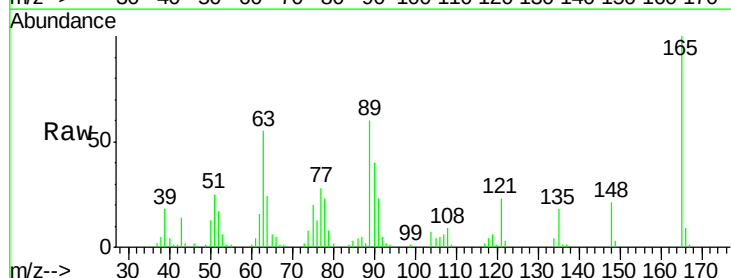
Tgt Ion:165 Resp: 39096

Ion Ratio Lower Upper

165 100

63 55.4 35.7 53.5#

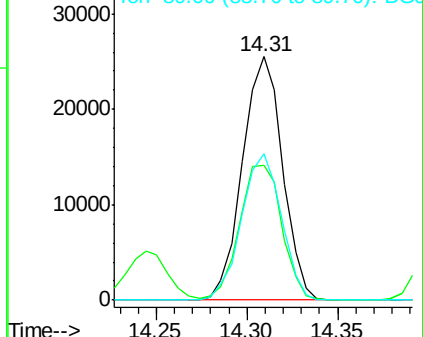
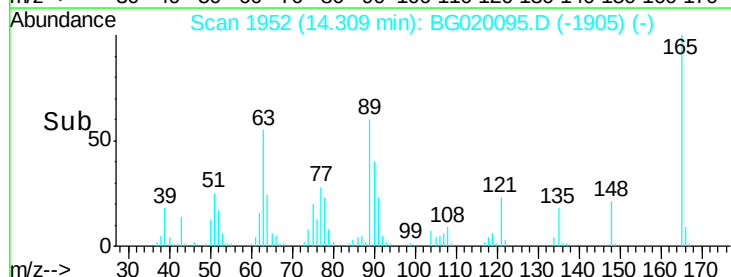
89 60.3 39.7 59.5#

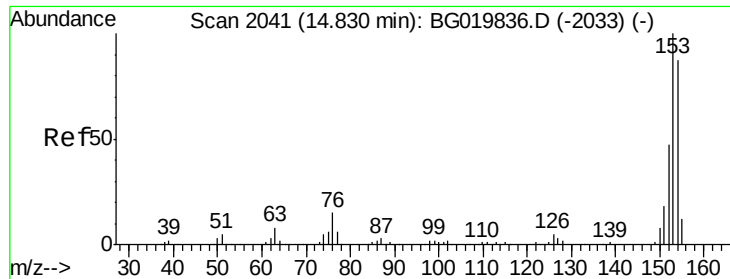


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 35.12 ng

RT: 14.80 min Scan# 2036

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

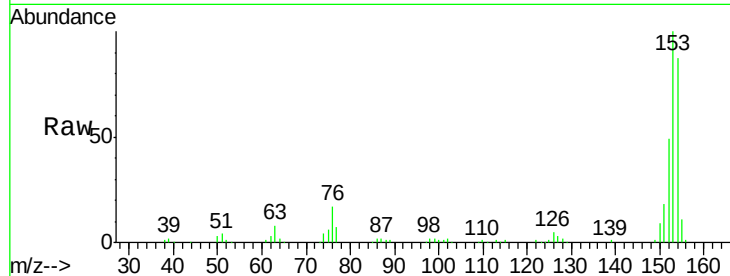
Tot Ion:154 Resp: 129801

Ion Ratio Lower Upper

154 100

153 115.6 92.9 139.3

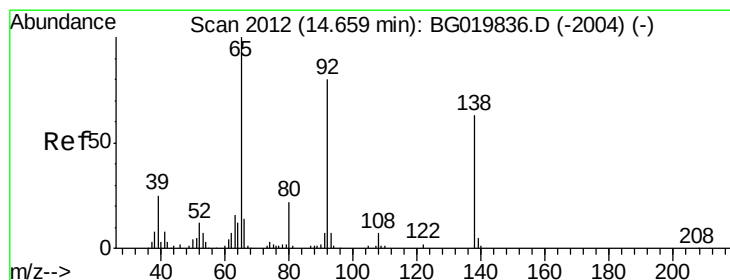
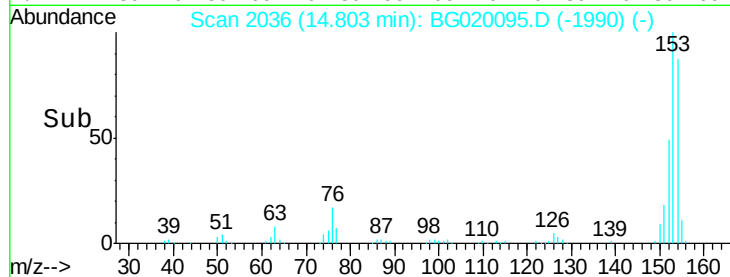
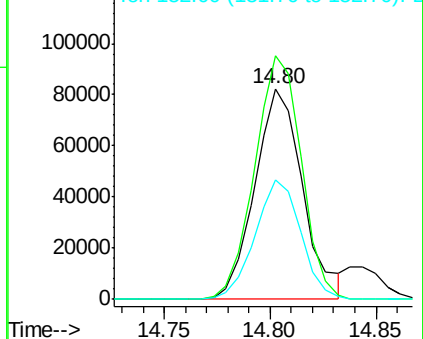
152 57.0 45.8 68.8



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: 21.46 ng

RT: 14.64 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

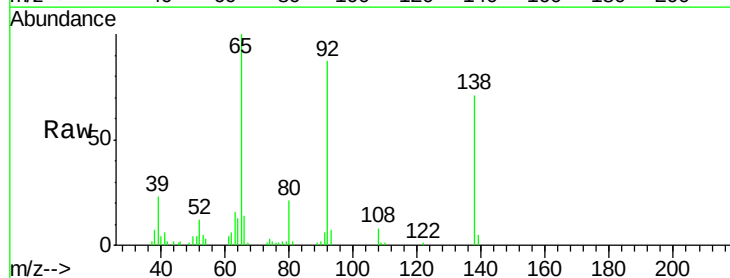
Tgt Ion:138 Resp: 21317

Ion Ratio Lower Upper

138 100

108 10.7 7.9 11.9

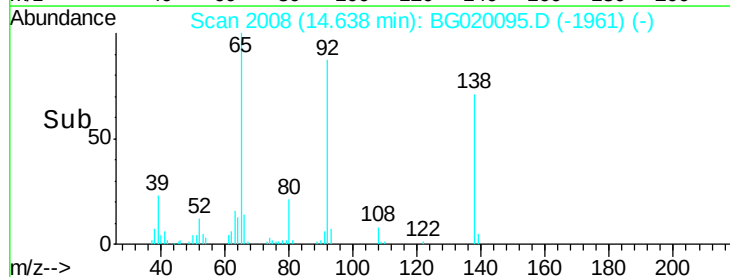
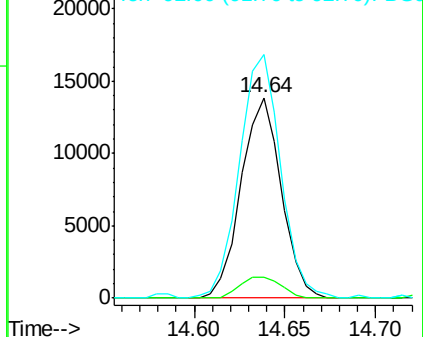
92 121.6 94.2 141.4

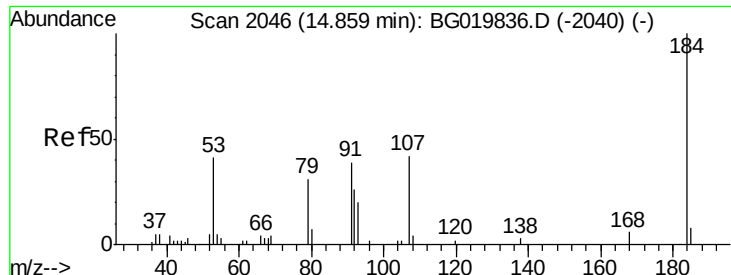


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

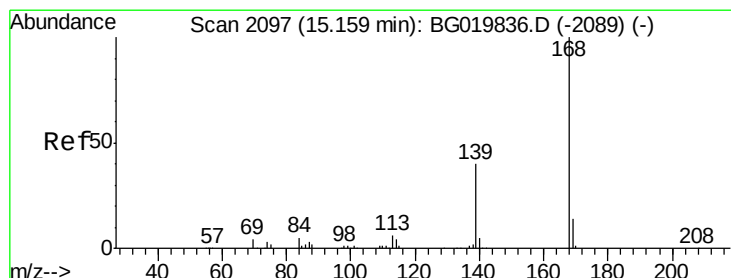
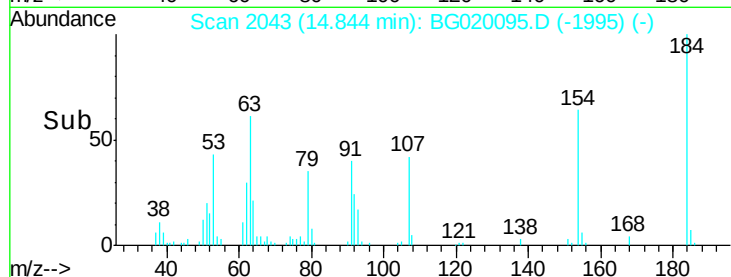
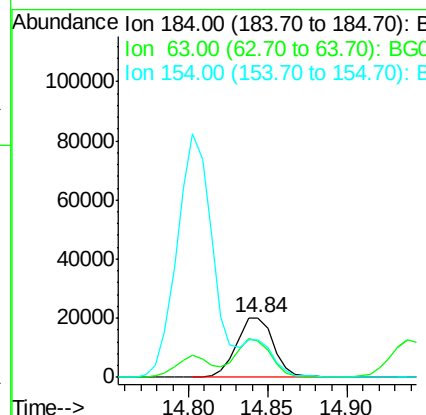
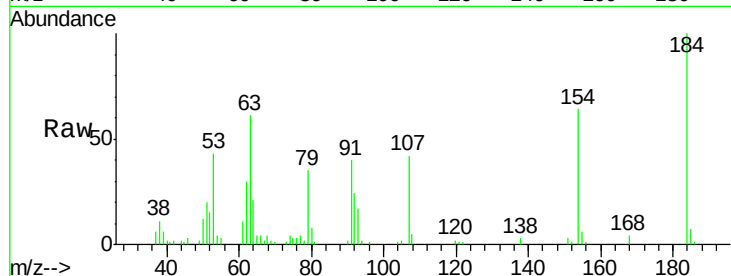




#53
 2,4-Dinitrophenol
 Concen: 66.35 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

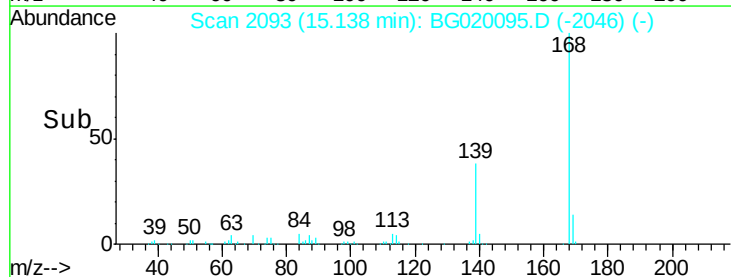
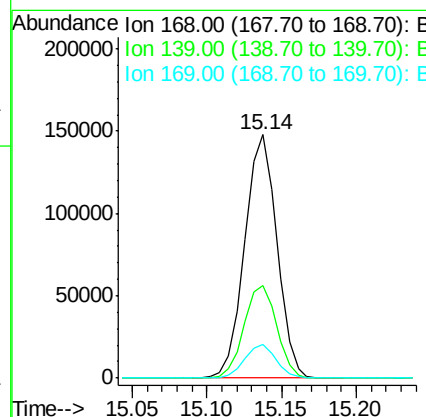
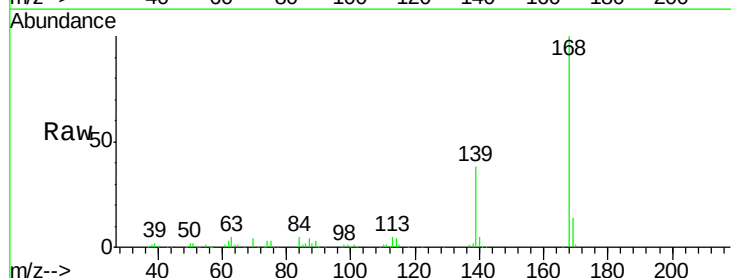
Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

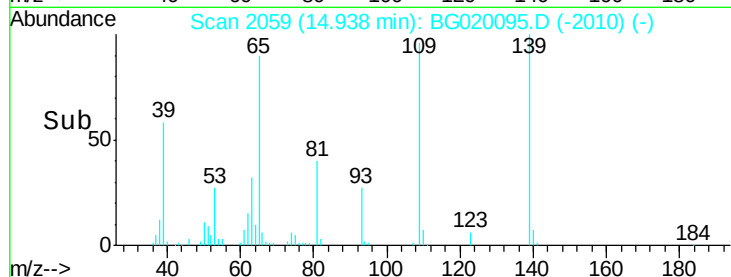
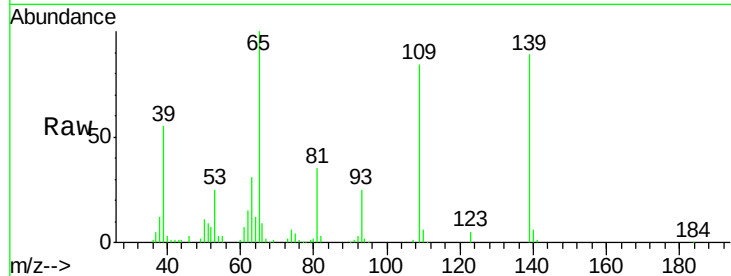
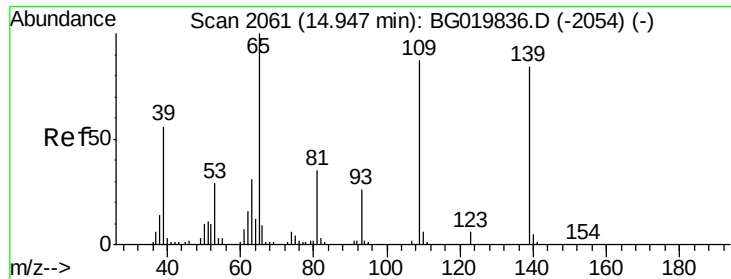
Tot Ion:184 Resp: 32850
 Ion Ratio Lower Upper
 184 100
 63 60.7 42.7 64.1
 154 64.2 44.3 66.5



#54
 Dibenzofuran
 Concen: 40.05 ng
 RT: 15.14 min Scan# 2093
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion:168 Resp: 220247
 Ion Ratio Lower Upper
 168 100
 139 38.1 27.4 41.0
 169 13.7 11.0 16.4





#55

4-Nitrophenol

Concen: 71.81 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampled :

PB87183BSD

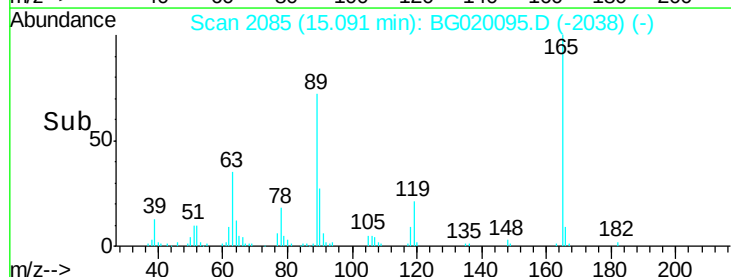
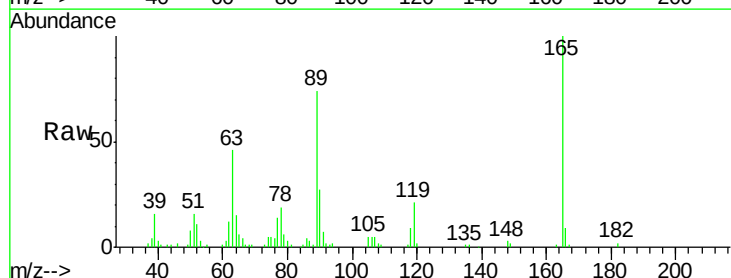
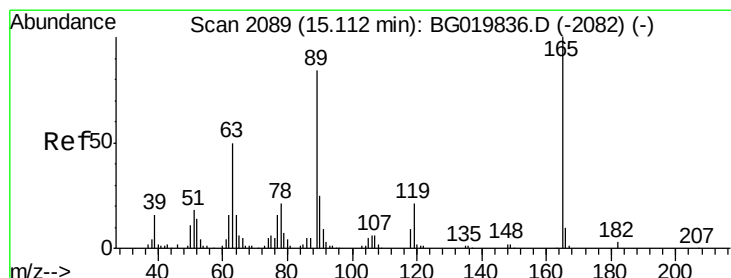
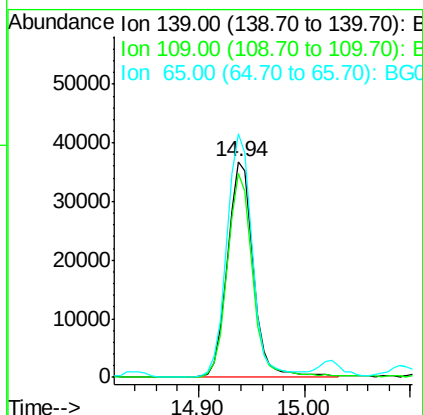
Tot Ion:139 Resp: 62125

Ion Ratio Lower Upper

139 100

109 94.8 43.2 83.2#

65 112.9 67.8 107.8#



#56

2,4-Dinitrotoluene

Concen: 41.87 ng

RT: 15.09 min Scan# 2085

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Tgt Ion:165 Resp: 55855

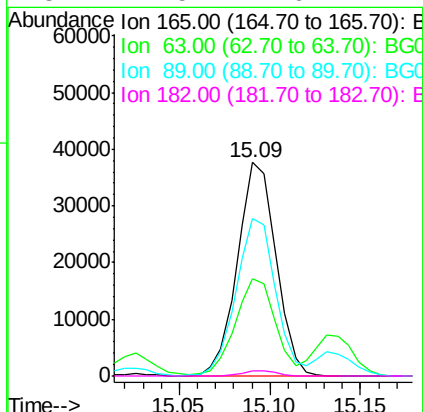
Ion Ratio Lower Upper

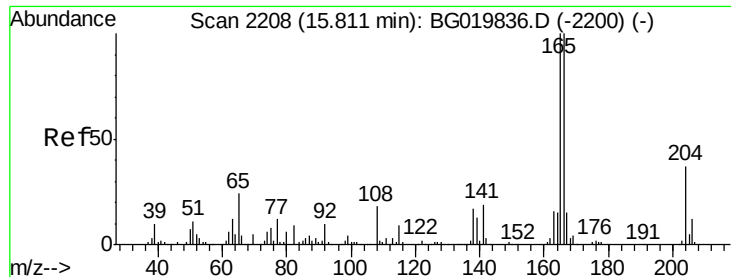
165 100

63 45.6 31.0 46.4

89 73.9 54.4 81.6

182 2.5 1.6 2.4#

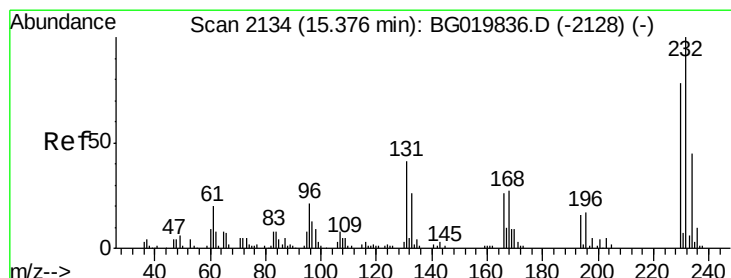
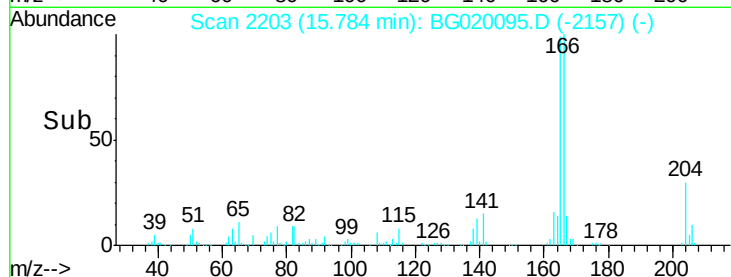
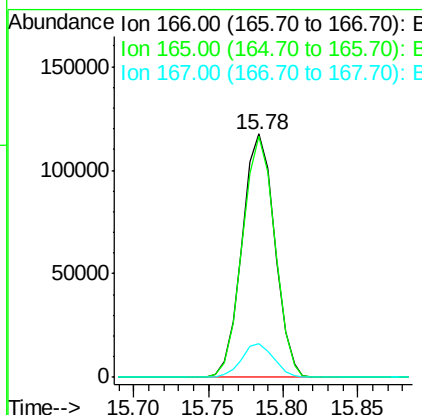
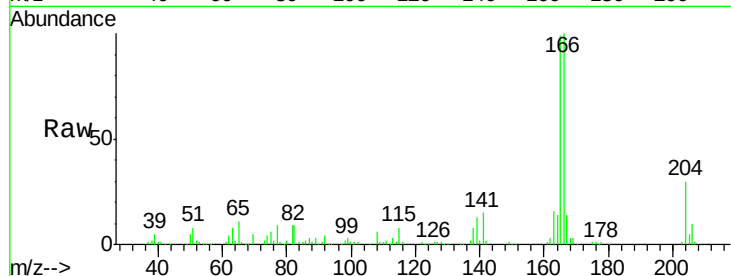




#57
 Fluorene
 Concen: 36.08 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.03 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

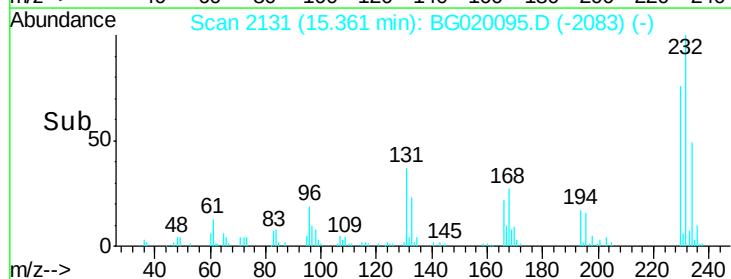
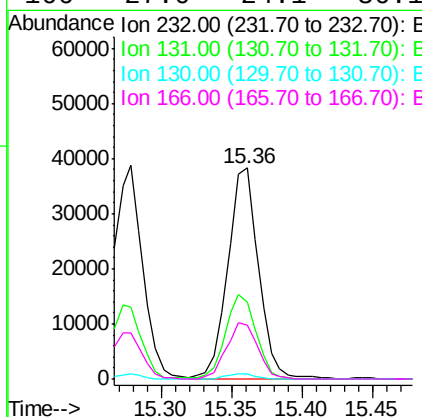
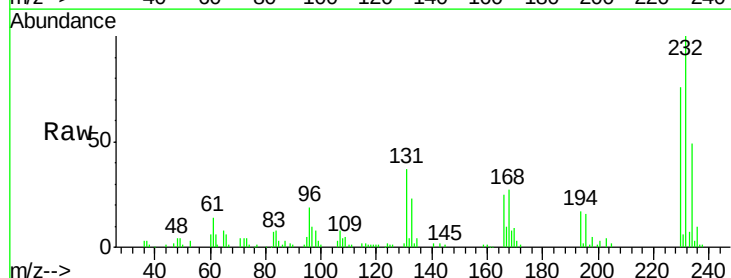
Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

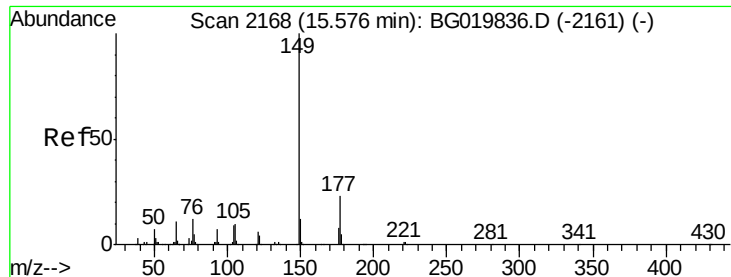
Tot Ion:166 Resp: 177590
 Ion Ratio Lower Upper
 166 100
 165 98.9 80.0 120.0
 167 14.0 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.89 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion:232 Resp: 58201
 Ion Ratio Lower Upper
 232 100
 131 39.7 33.0 49.6
 130 2.2 2.0 3.0
 166 27.0 24.1 36.1

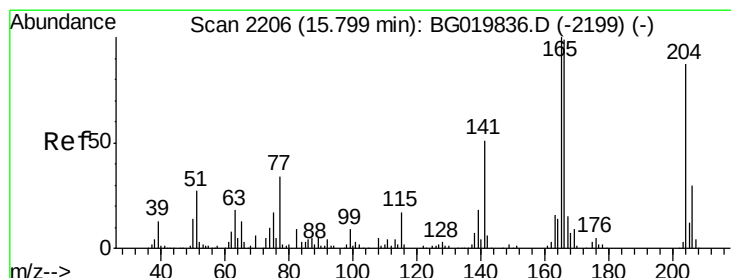
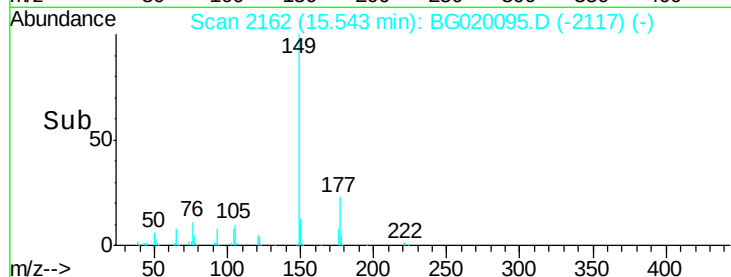
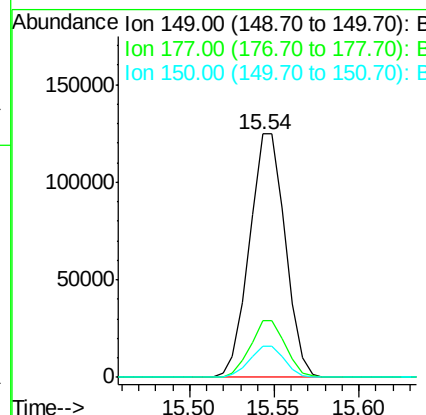
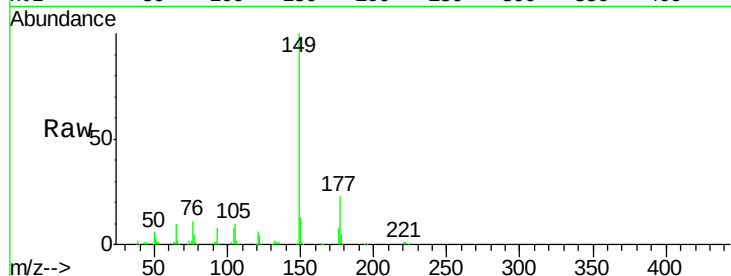




#59
Diethylphthalate
Concen: 33.39 ng
RT: 15.54 min Scan# 2162
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

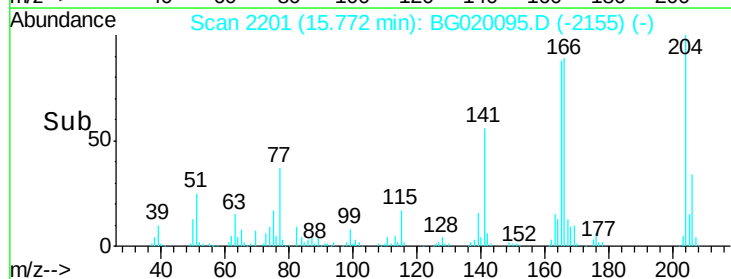
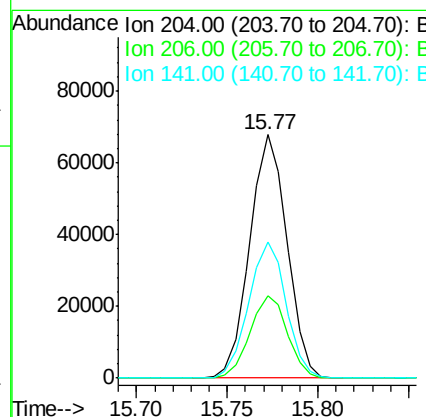
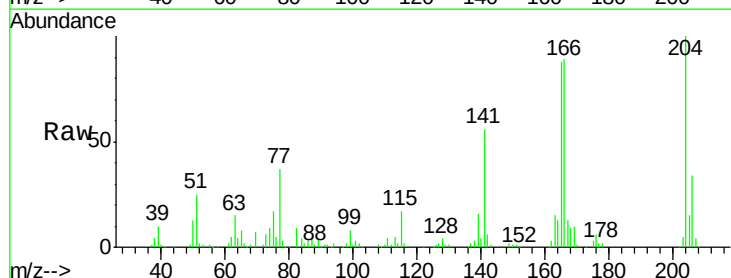
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

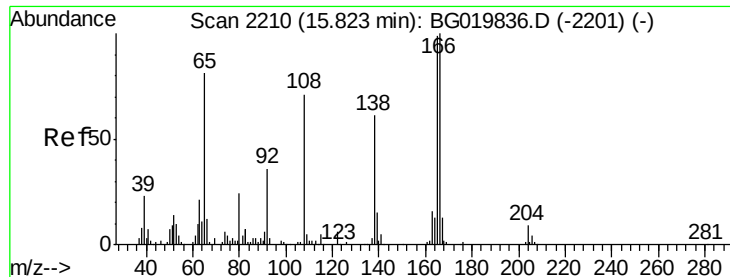
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.6	29.4
150	13.0	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 34.34 ng
RT: 15.77 min Scan# 2201
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.3	42.5
141	55.7	44.0	66.0

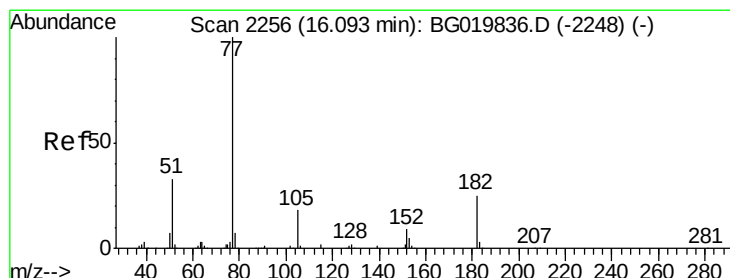
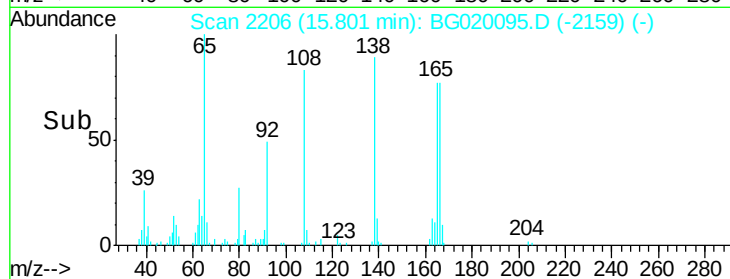
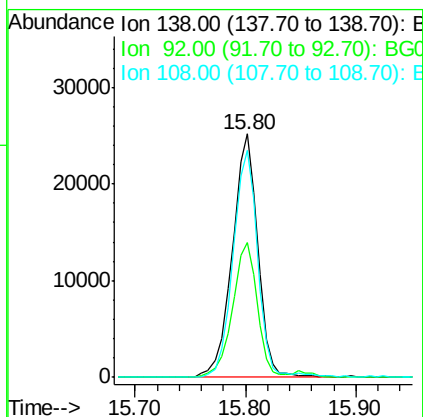
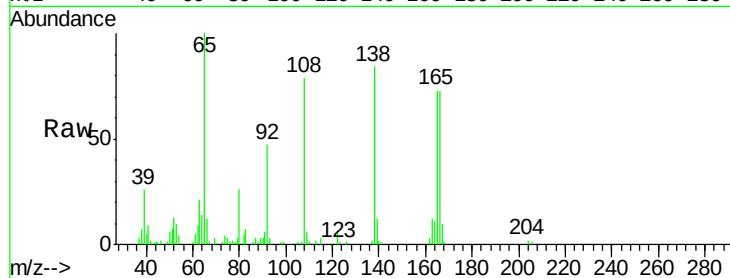




#61
4-Nitroaniline
Concen: 36.48 ng
RT: 15.80 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

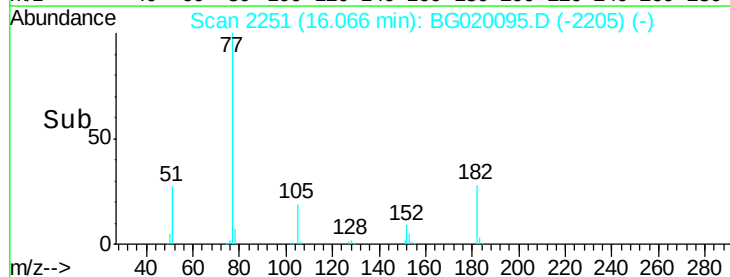
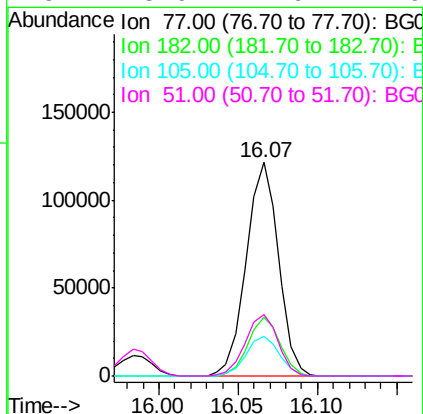
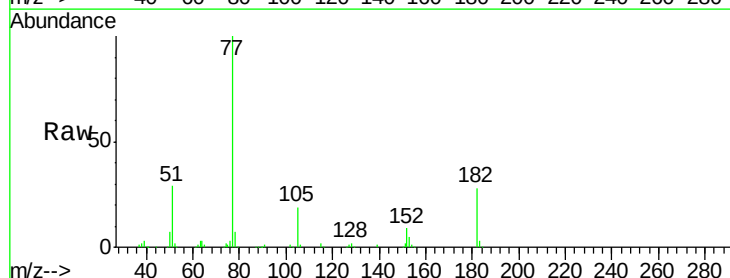
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

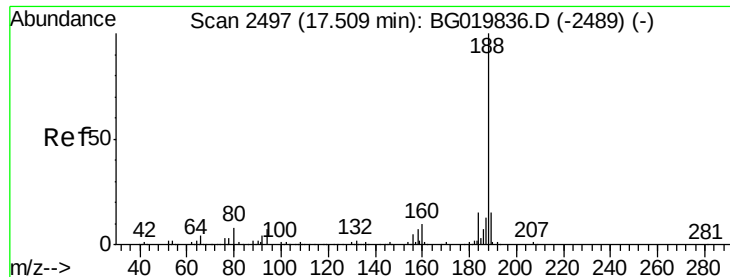
Tot Ion:138 Resp: 40755
Ion Ratio Lower Upper
138 100
92 55.2 29.1 69.1
108 93.3 49.8 89.8#



#62
Azobenzene
Concen: 37.38 ng
RT: 16.07 min Scan# 2251
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion: 77 Resp: 171194
Ion Ratio Lower Upper
77 100
182 27.5 7.0 47.0
105 18.8 1.4 41.4
51 28.9 4.9 44.9

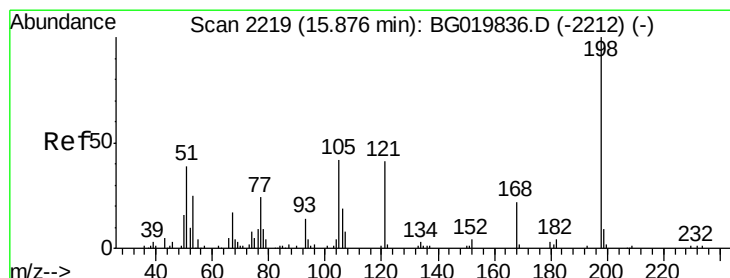
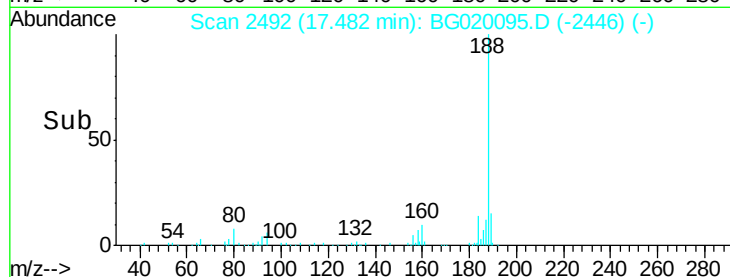
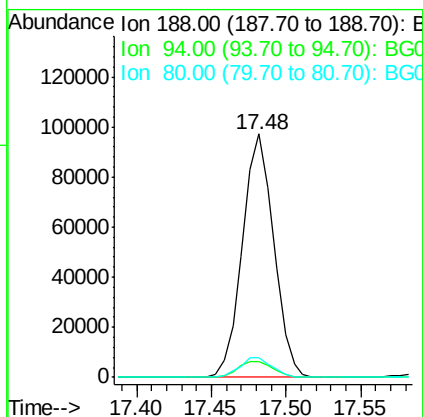
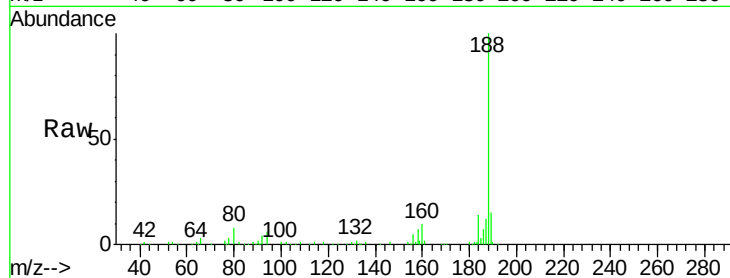




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

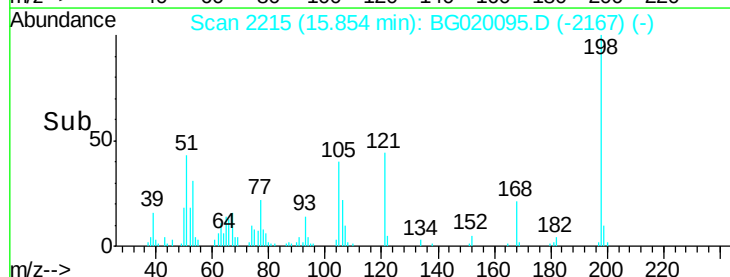
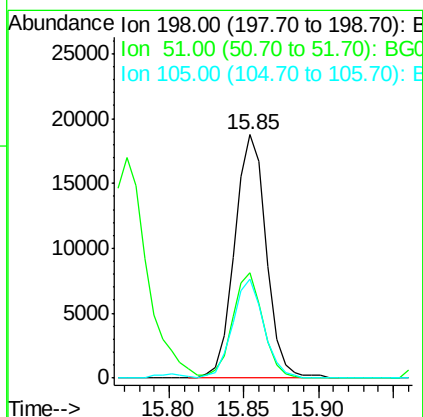
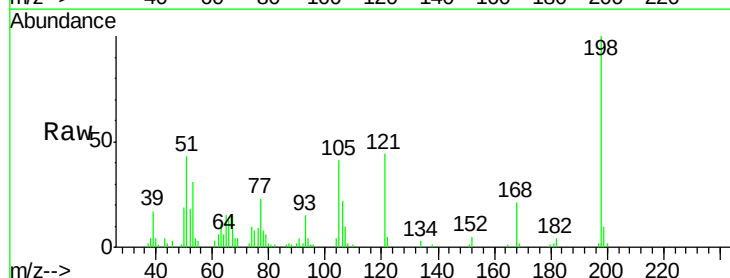
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

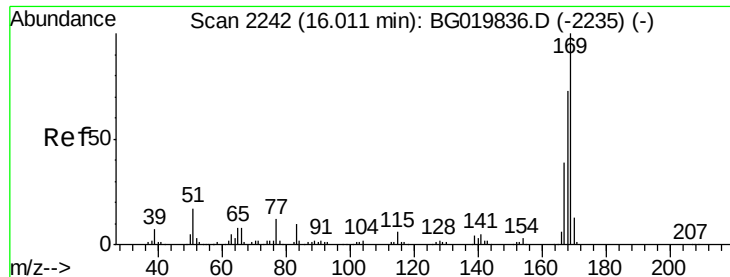
Tot Ion:188 Resp: 141393
Ion Ratio Lower Upper
188 100
94 6.3 7.7 11.5#
80 8.1 7.8 11.8



#64
4,6-Dinitro-2-methylphenol
Concen: 36.41 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion:198 Resp: 27579
Ion Ratio Lower Upper
198 100
51 43.1 14.2 54.2
105 40.6 21.1 61.1





#65

n-Nitrosodiphenylamine

Concen: 38.68 ng

RT: 15.98 min Scan# 2237

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

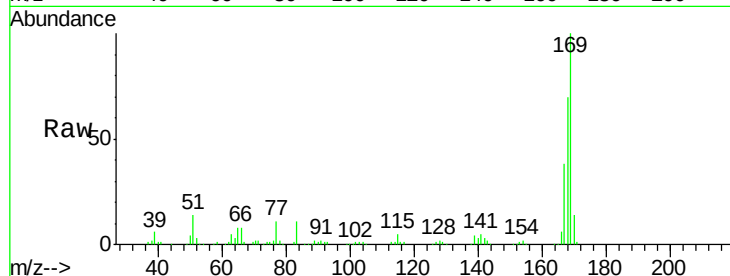
Tot Ion:169 Resp: 158261

Ion Ratio Lower Upper

169 100

168 70.5 58.2 87.2

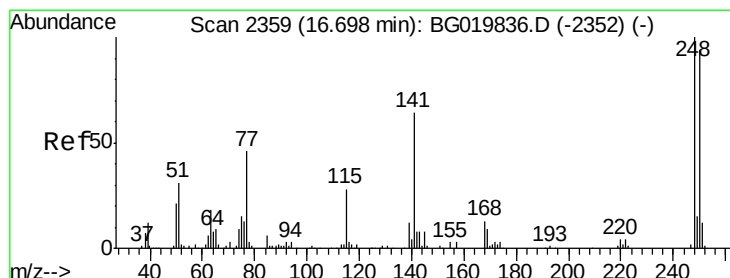
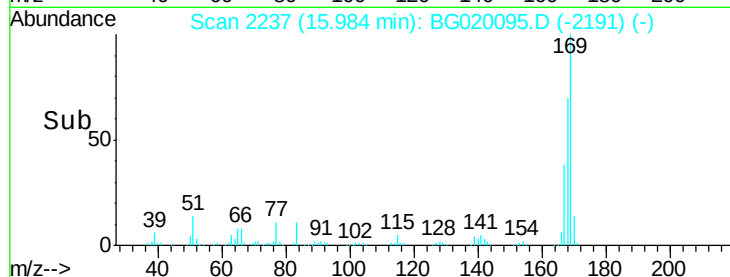
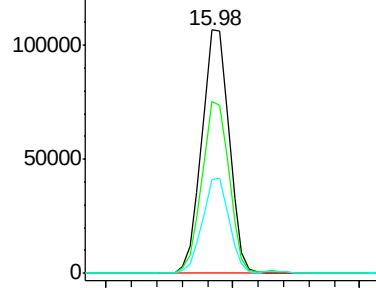
167 38.4 32.7 49.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.37 ng

RT: 16.67 min Scan# 2353

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

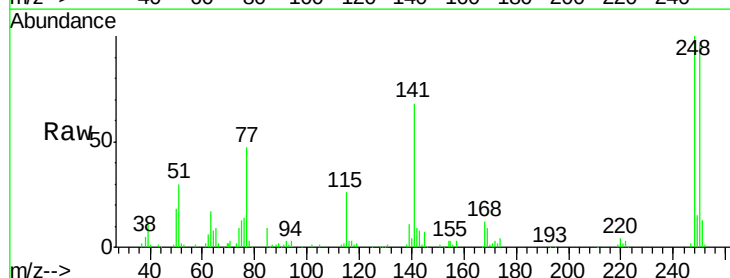
Tgt Ion:248 Resp: 65656

Ion Ratio Lower Upper

248 100

250 95.8 77.8 116.8

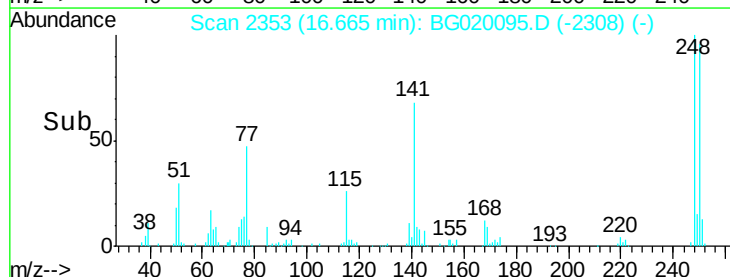
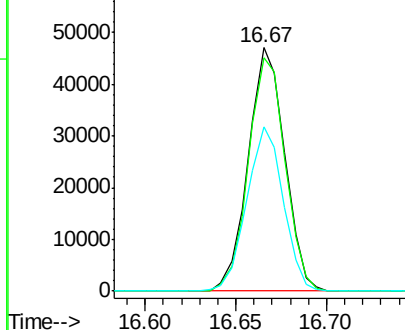
141 67.5 50.4 75.6

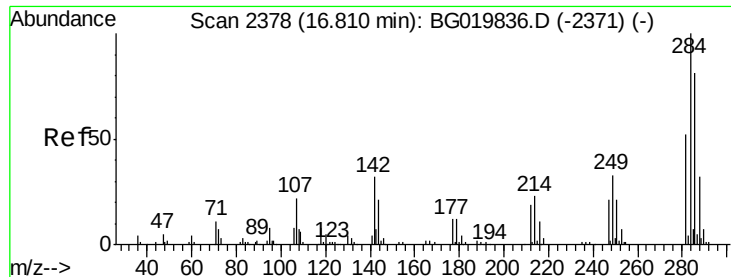


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.63 ng

RT: 16.79 min Scan# 2374

Delta R.T. -0.02 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

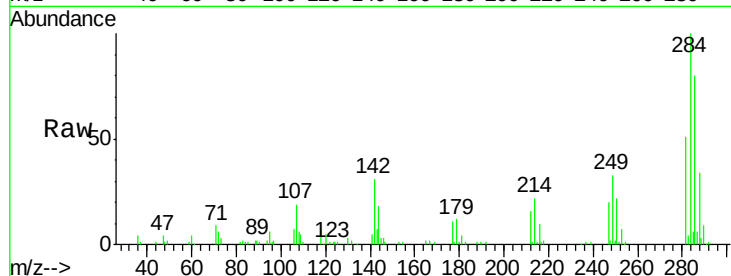
Tot Ion:284 Resp: 70701

Ion Ratio Lower Upper

284 100

142 30.6 26.6 39.8

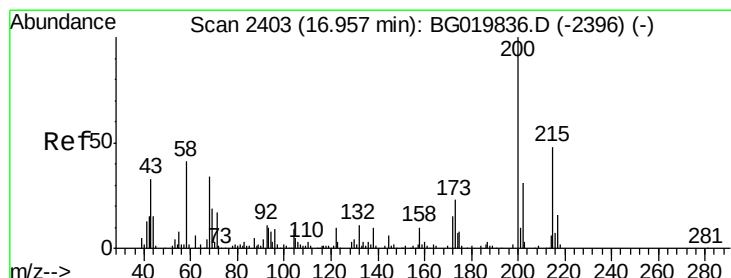
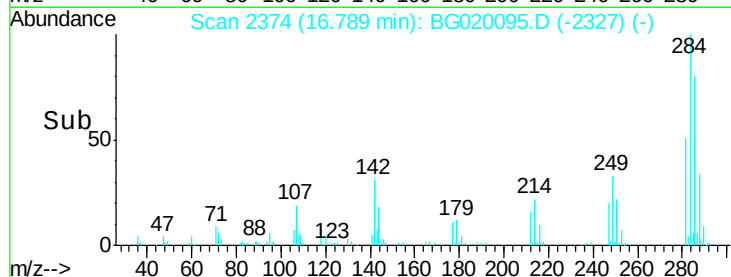
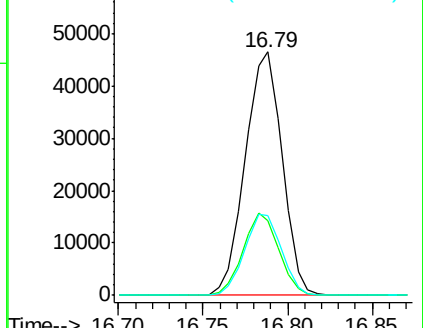
249 35.4 26.2 39.2



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: 36.62 ng

RT: 16.93 min Scan# 2398

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

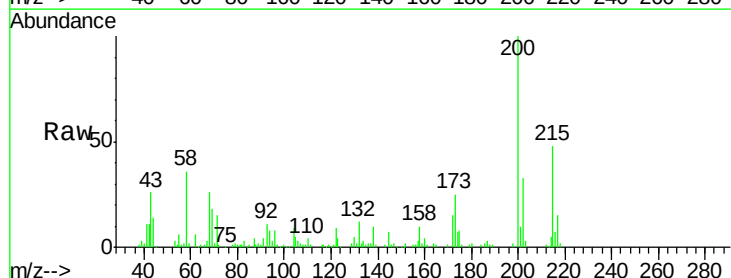
Tgt Ion:200 Resp: 65094

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

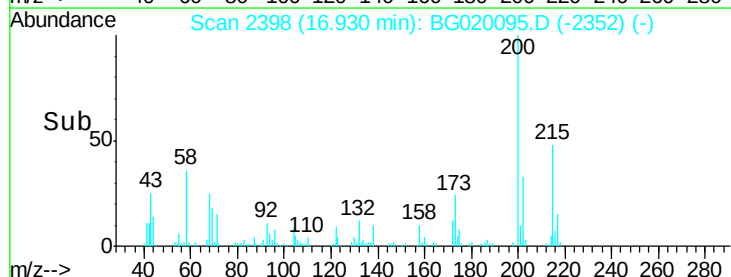
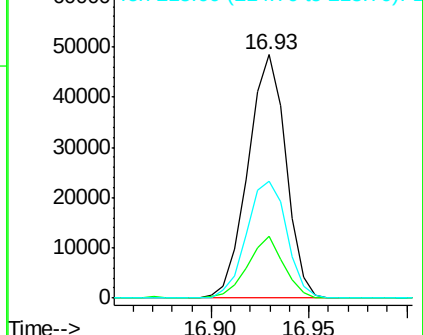
215 48.0 27.0 67.0

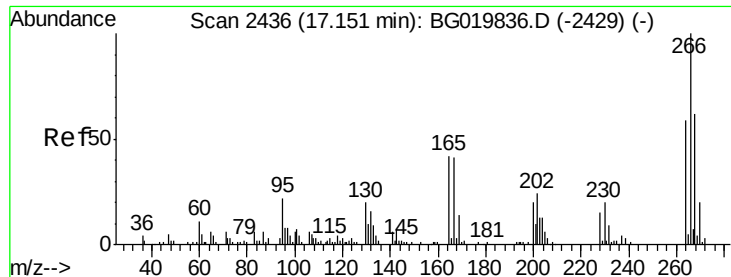


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

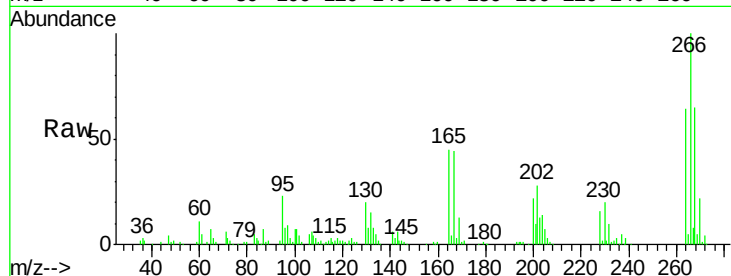




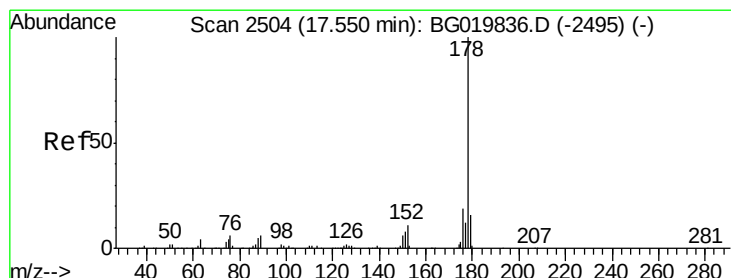
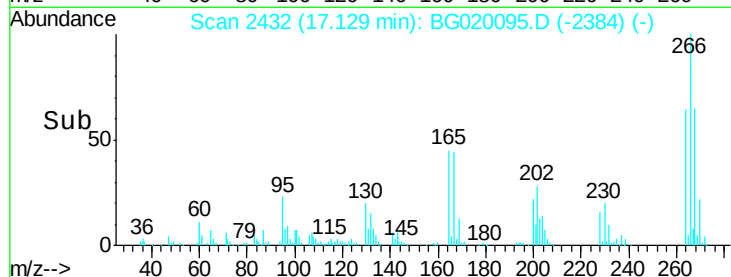
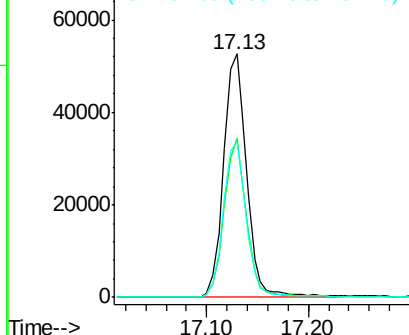
#69
 Pentachlorophenol
 Concen: 77.90 ng
 RT: 17.13 min Scan# 2432
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

Tot Ion:266 Resp: 83217
 Ion Ratio Lower Upper
 266 100
 268 65.1 47.6 71.4
 264 63.5 48.1 72.1

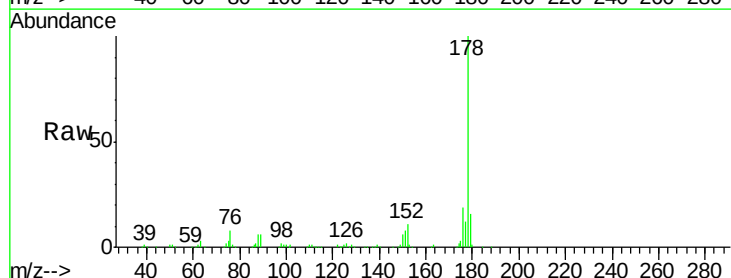


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

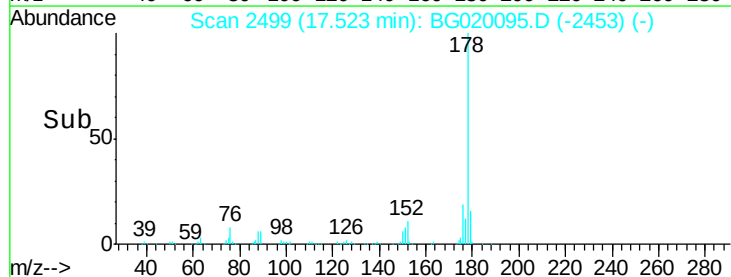
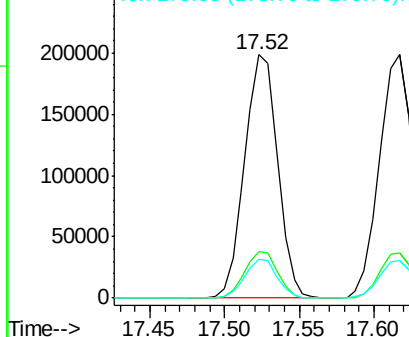


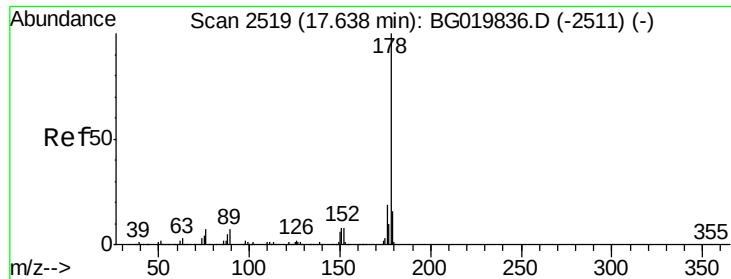
#70
 Phenanthrene
 Concen: 37.95 ng
 RT: 17.52 min Scan# 2499
 Delta R.T. -0.03 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion:178 Resp: 303607
 Ion Ratio Lower Upper
 178 100
 176 19.1 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

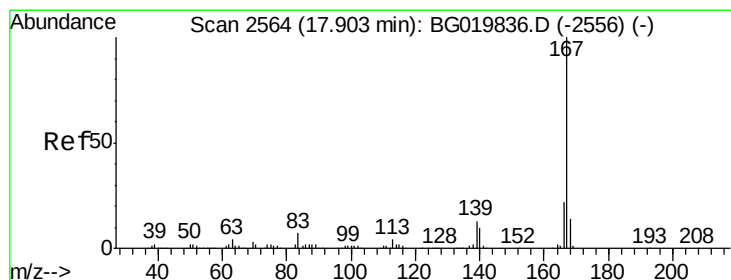
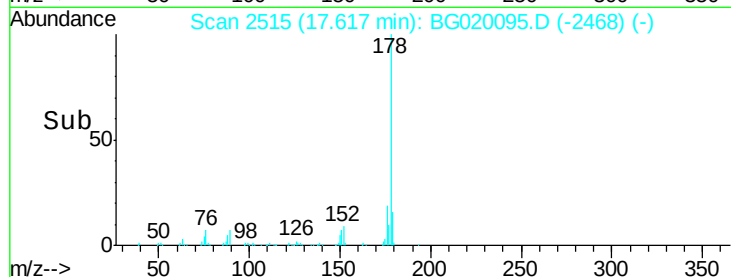
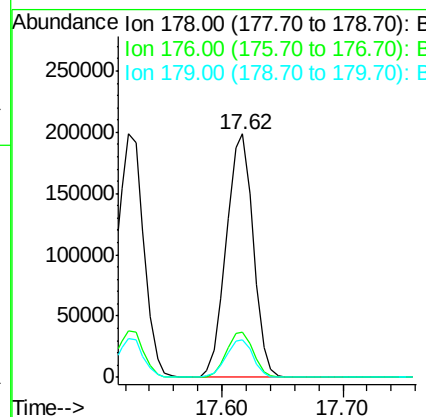
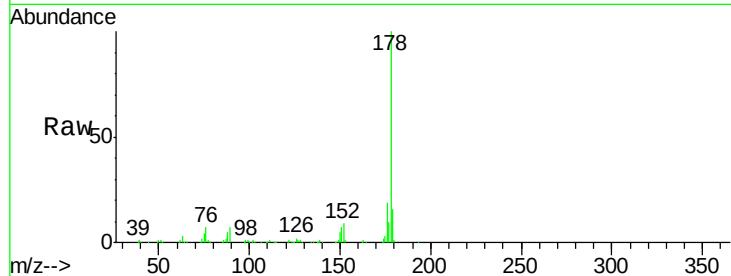




#71
 Anthracene
 Concen: 37.59 ng
 RT: 17.62 min Scan# 2515
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

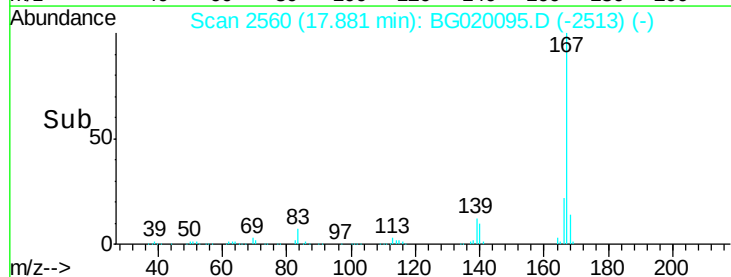
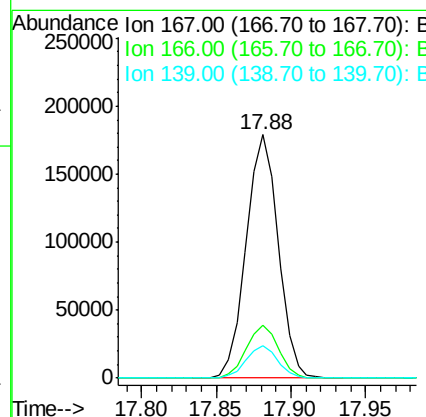
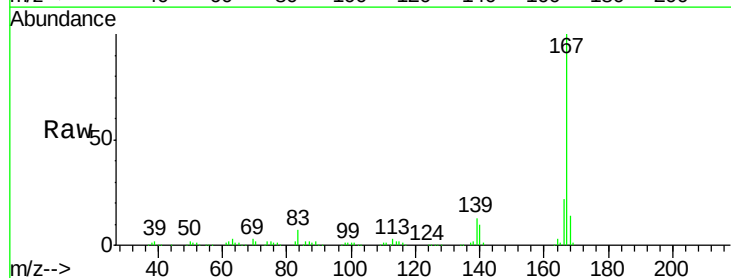
Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

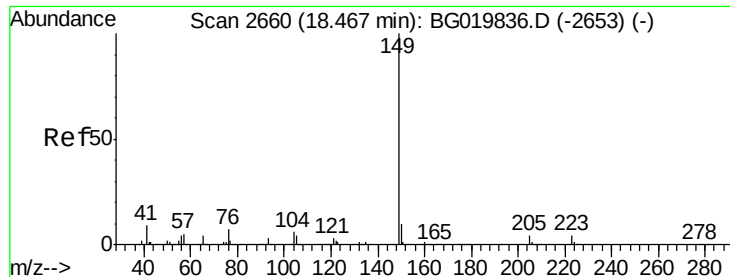
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	16.8	25.2
179	15.7	13.9	20.9



#72
 Carbazole
 Concen: 37.06 ng
 RT: 17.88 min Scan# 2560
 Delta R.T. -0.02 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.6	19.0	28.6
139	13.4	10.2	15.4

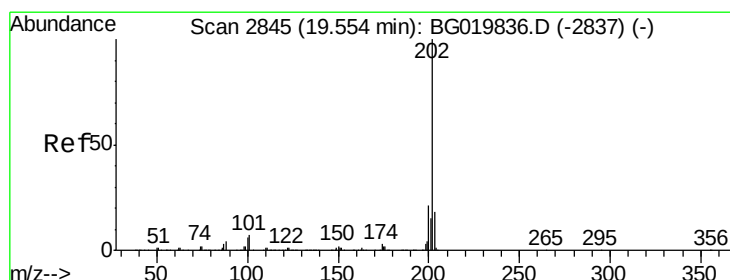
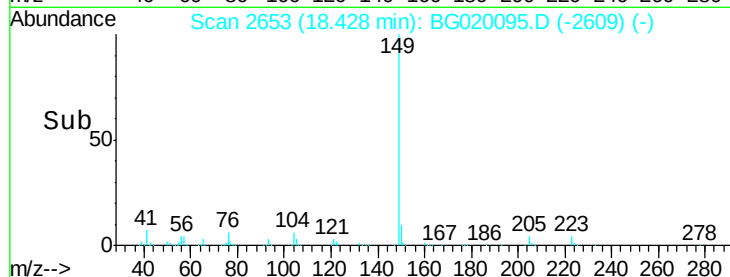
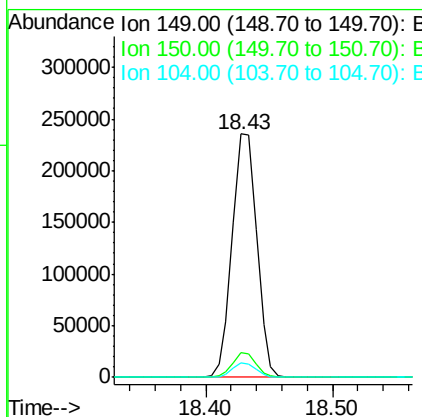
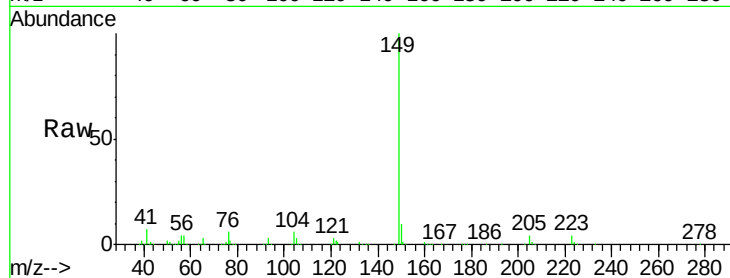




#73
Di-n-butylphthalate
Concen: 35.87 ng
RT: 18.43 min Scan# 2653
Delta R.T. -0.04 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

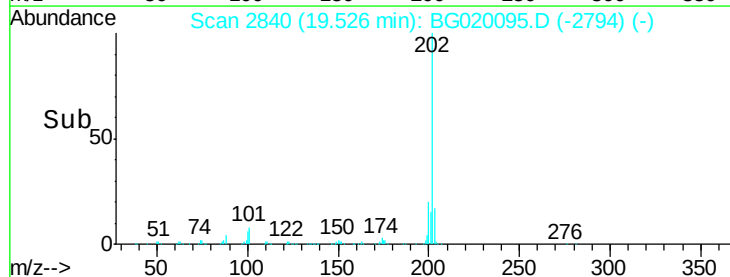
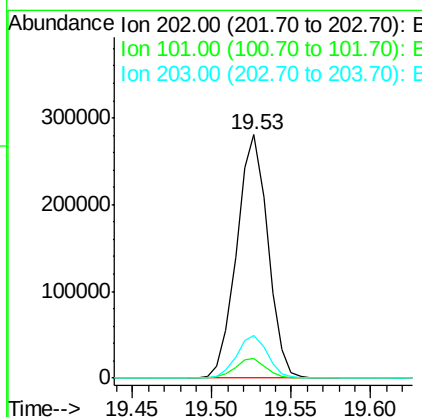
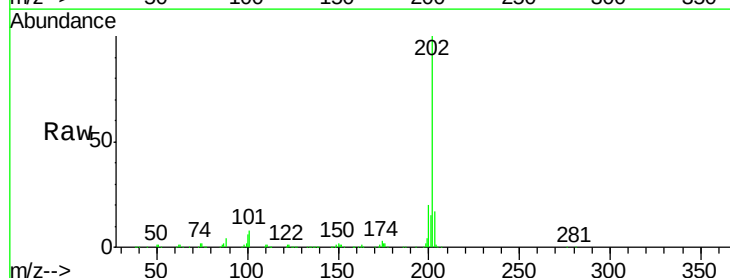
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

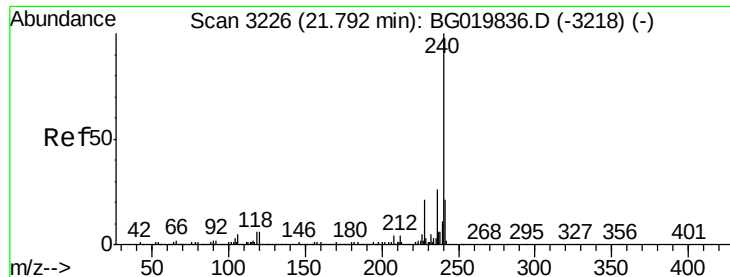
Tot Ion:149 Resp: 315619
Ion Ratio Lower Upper
149 100
150 9.9 8.2 12.4
104 6.0 4.4 6.6



#74
Fluoranthene
Concen: 37.28 ng
RT: 19.53 min Scan# 2840
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion:202 Resp: 381508
Ion Ratio Lower Upper
202 100
101 8.1 0.0 32.4
203 17.4 0.0 39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

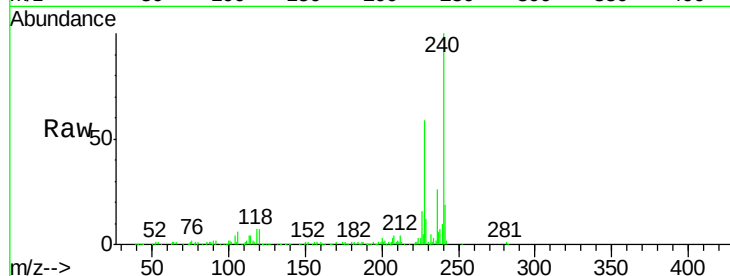
Tot Ion:240 Resp: 167814

Ion Ratio Lower Upper

240 100

120 7.3 7.4 11.0#

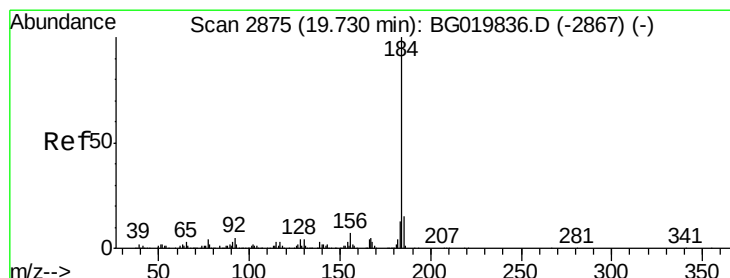
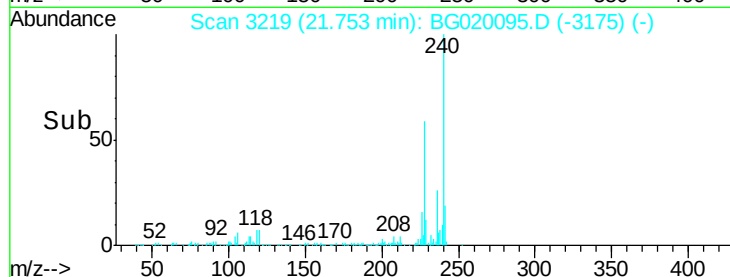
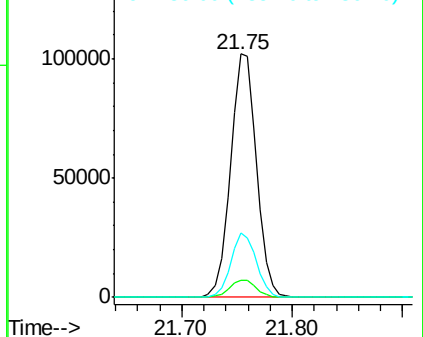
236 26.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.72 ng

RT: 19.70 min Scan# 2870

Delta R.T. -0.03 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

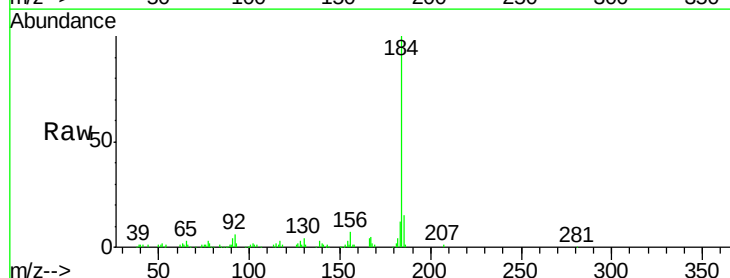
Tgt Ion:184 Resp: 92141

Ion Ratio Lower Upper

184 100

185 15.1 13.4 20.2

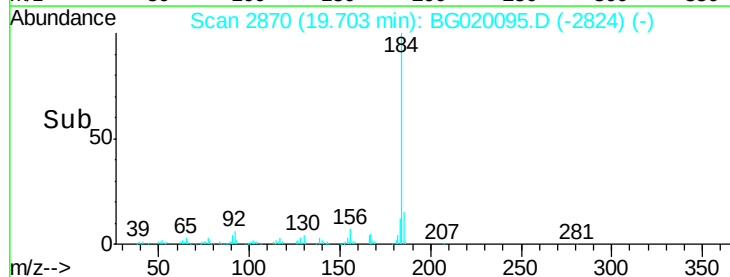
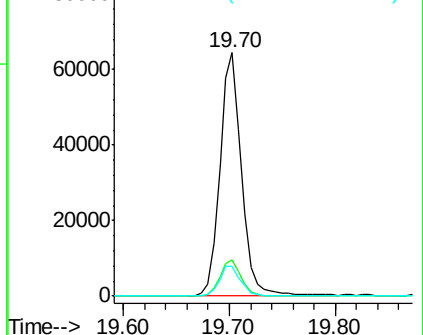
183 12.4 10.1 15.1

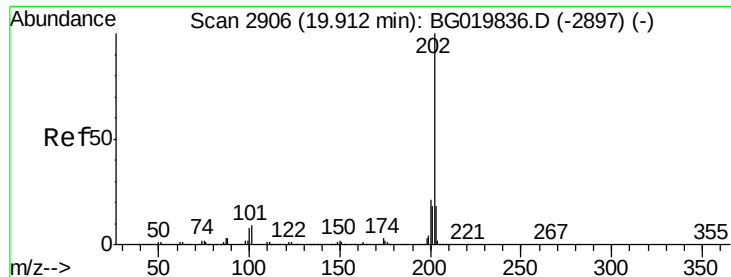


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

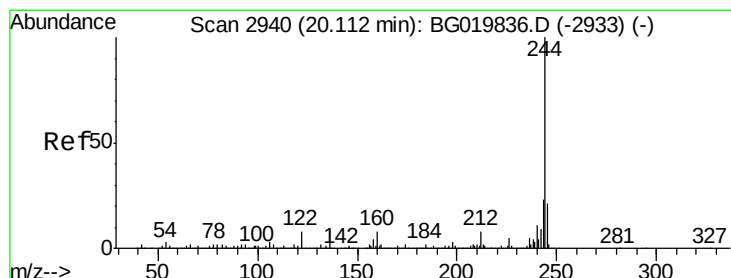
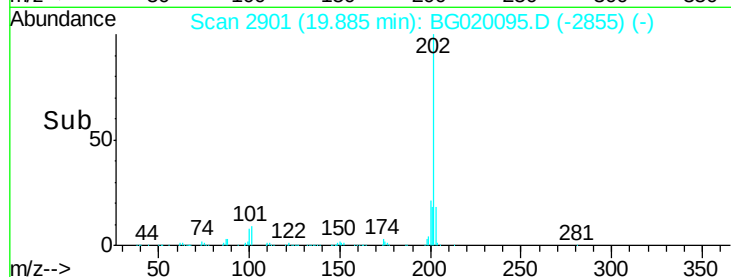
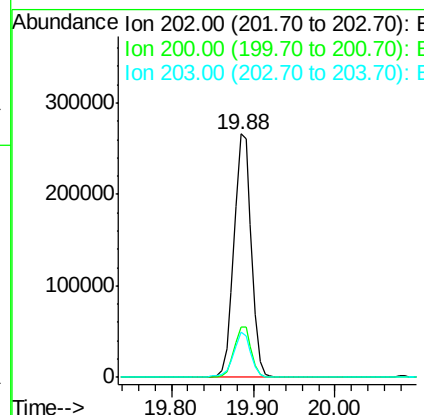
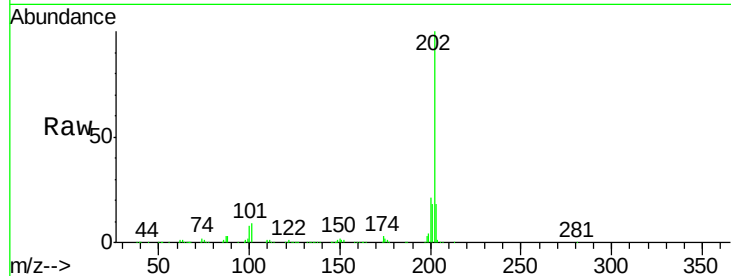




#77
Pvrene
Concen: 39.72 ng
RT: 19.88 min Scan# 2901
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

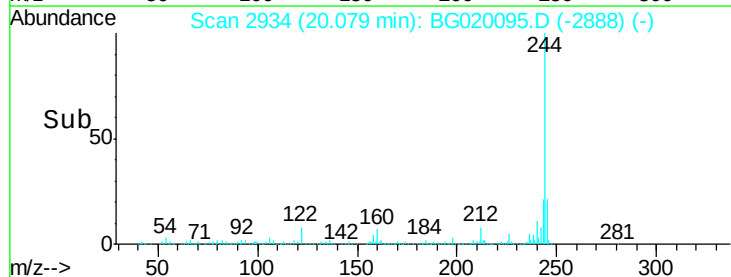
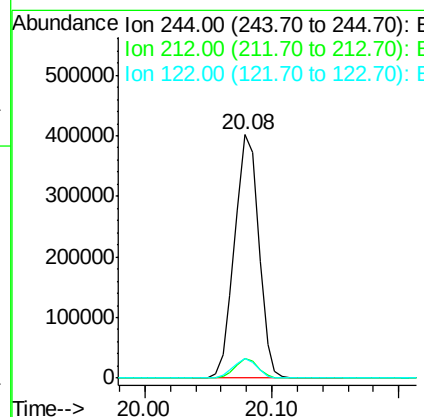
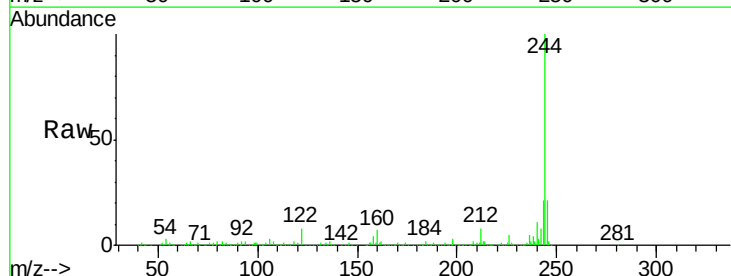
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

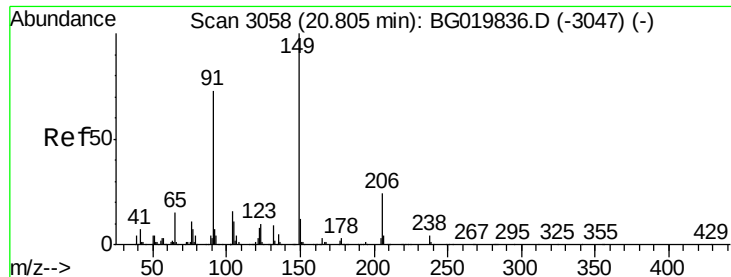
Tot Ion	Ratio	Lower	Upper
202	100		
200	20.5	19.4	29.0
203	18.3	15.5	23.3



#78
Terphenyl-d14
Concen: 76.90 ng
RT: 20.08 min Scan# 2934
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.9	10.3
122	8.1	10.2	15.2

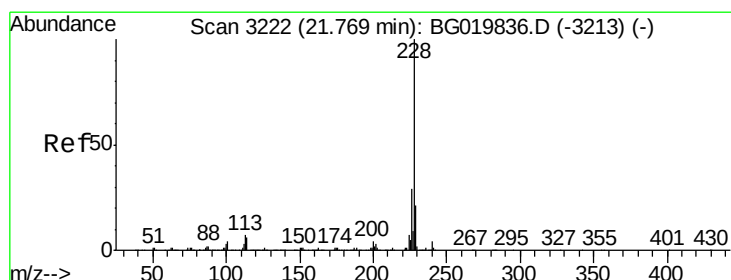
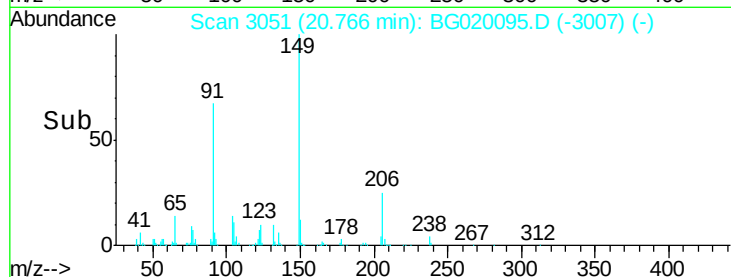
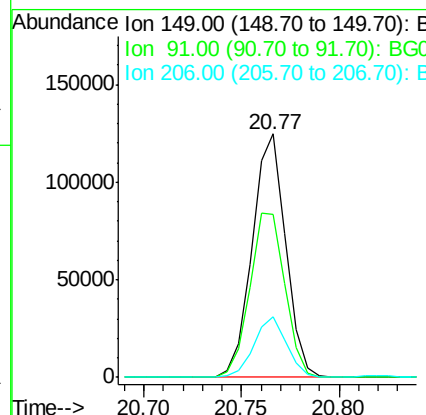
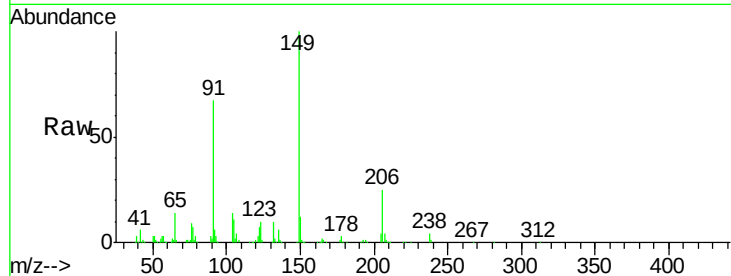




#79
Butylbenzylphthalate
Concen: 38.04 ng
RT: 20.77 min Scan# 3051
Delta R.T. -0.04 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

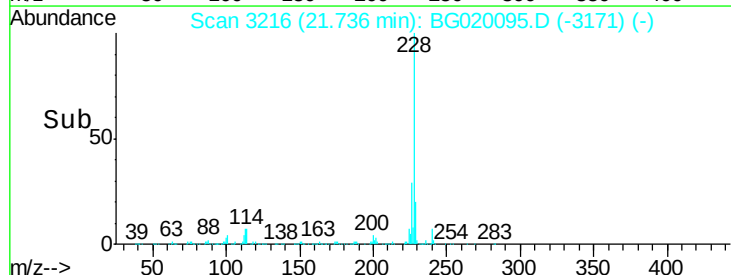
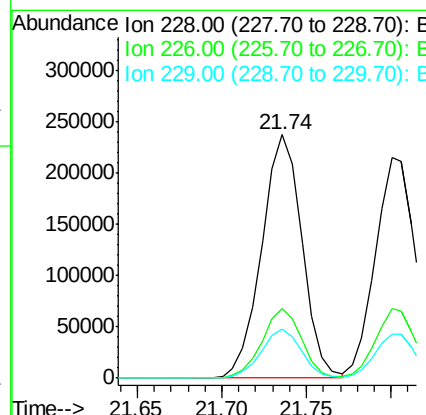
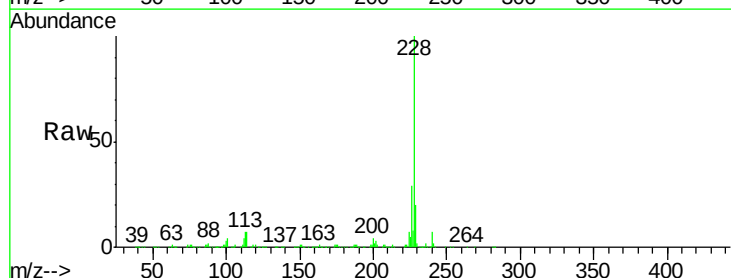
Instrument :
BNA_G
ClientSampleId :
PB87183BSD

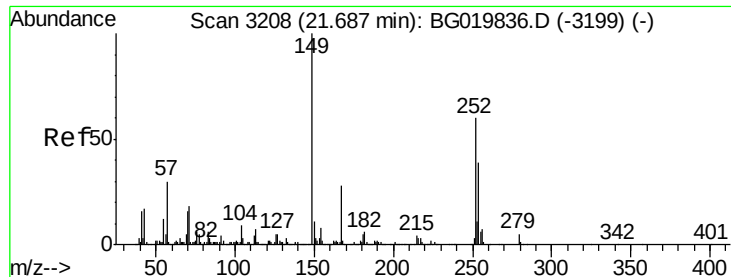
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.2	58.1	87.1
206	24.7	17.8	26.8



#80
Benzo(a)anthracene
Concen: 38.31 ng
RT: 21.74 min Scan# 3216
Delta R.T. -0.03 min
Lab File: BG020095.D
Acq: 11 Dec 2015 4:46

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.4	35.0
229	20.1	16.6	25.0

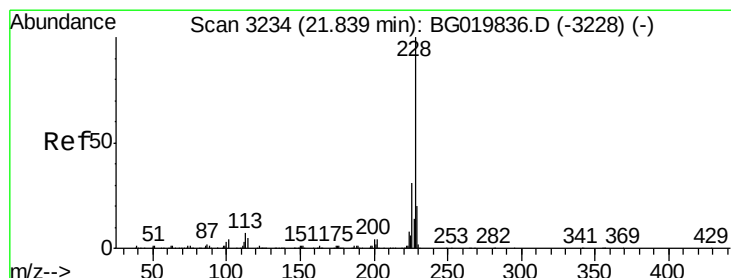
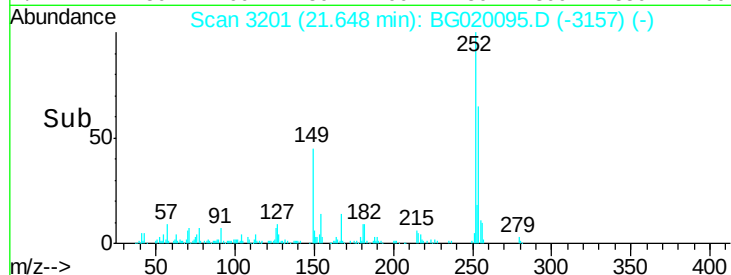
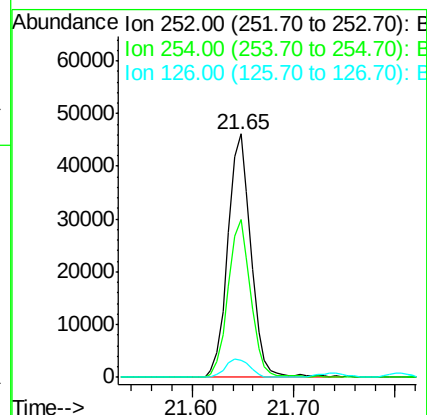
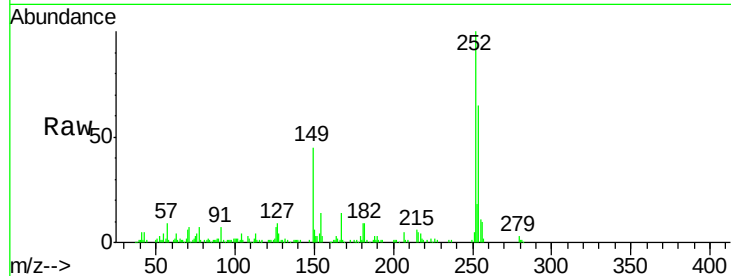




#81
 3,3'-Dichlorobenzidine
 Concen: 18.69 ng
 RT: 21.65 min Scan# 3201
 Delta R.T. -0.04 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

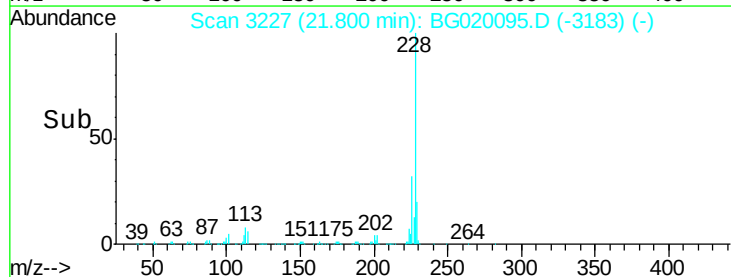
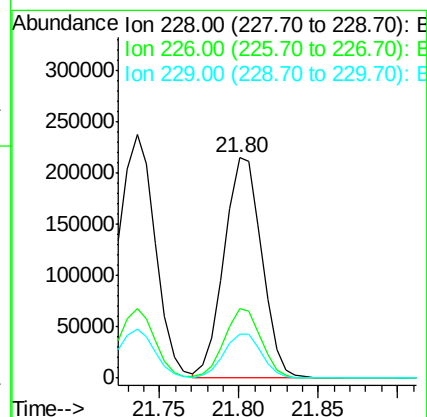
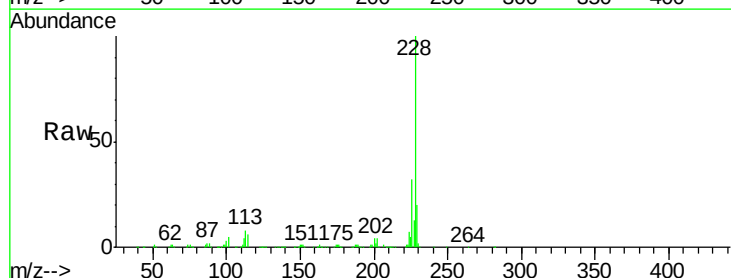
Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

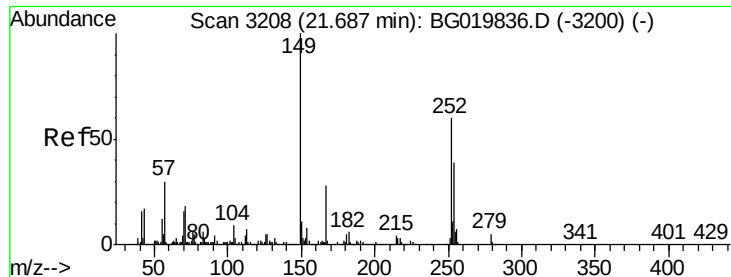
Tot Ion:252 Resp: 73131
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.5 78.7
 126 7.2 8.5 12.7#



#82
 Chrysene
 Concen: 36.15 ng
 RT: 21.80 min Scan# 3227
 Delta R.T. -0.04 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion:228 Resp: 352611
 Ion Ratio Lower Upper
 228 100
 226 31.8 26.7 40.1
 229 20.1 17.0 25.6

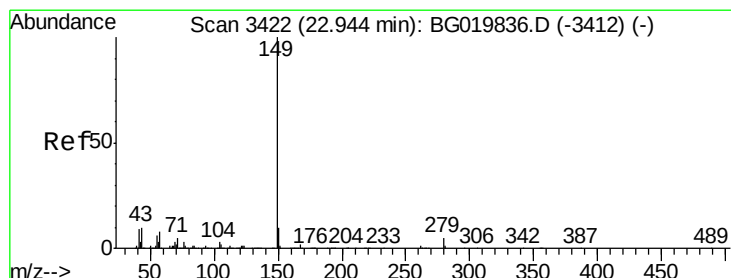
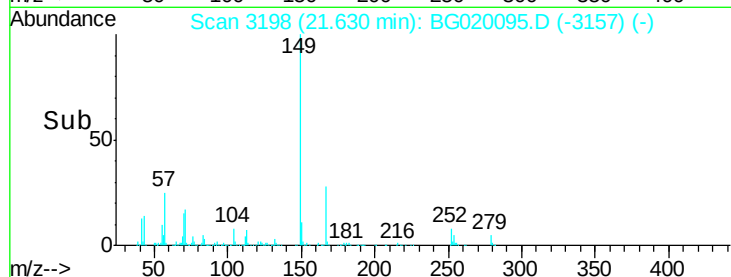
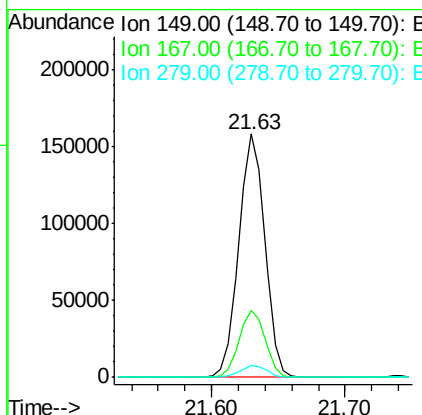
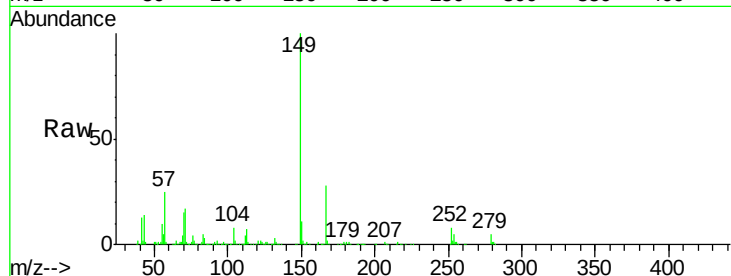




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.54 ng
 RT: 21.63 min Scan# 3198
 Delta R.T. -0.06 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

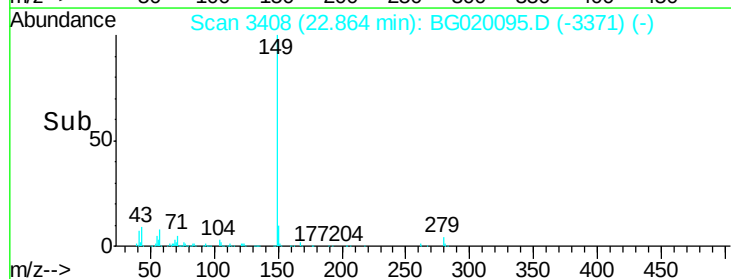
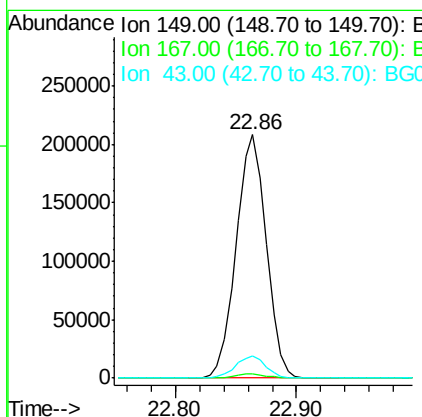
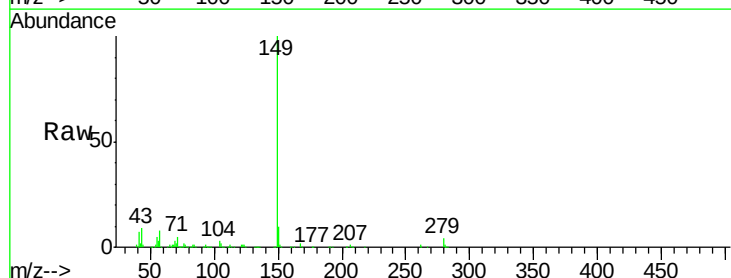
Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

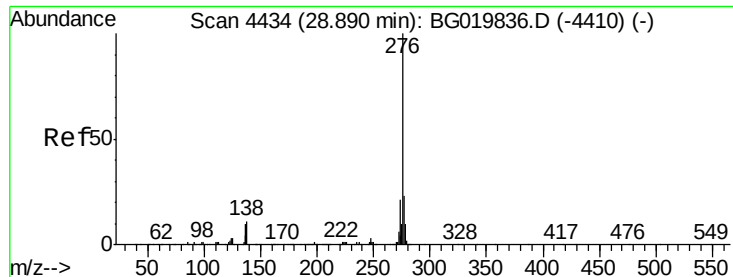
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.8	35.8
279	5.1	3.4	5.2



#84
 Di-n-octyl phthalate
 Concen: 39.13 ng
 RT: 22.86 min Scan# 3408
 Delta R.T. -0.08 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.2	5.9	8.9

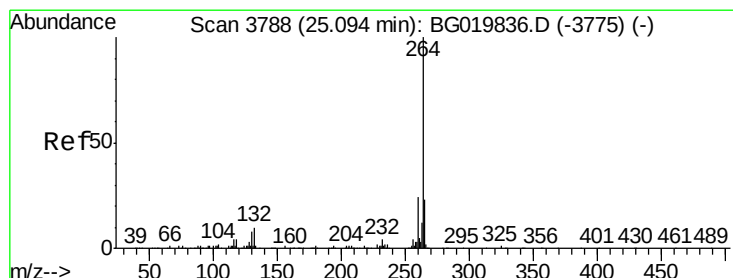
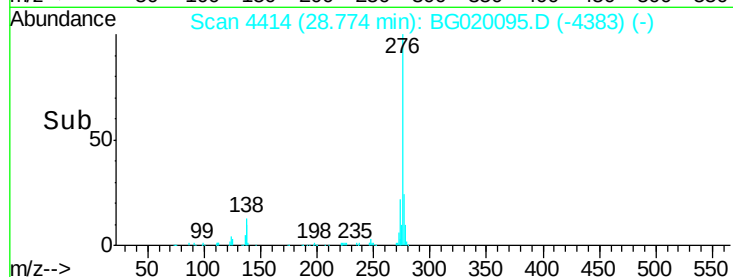
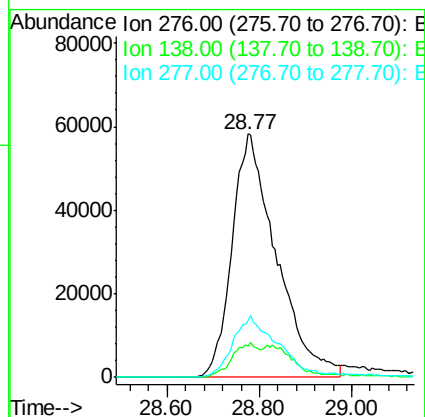
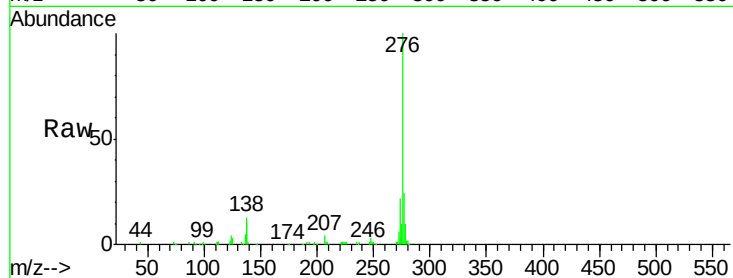




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.15 ng
 RT: 28.77 min Scan# 4414
 Delta R.T. -0.12 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

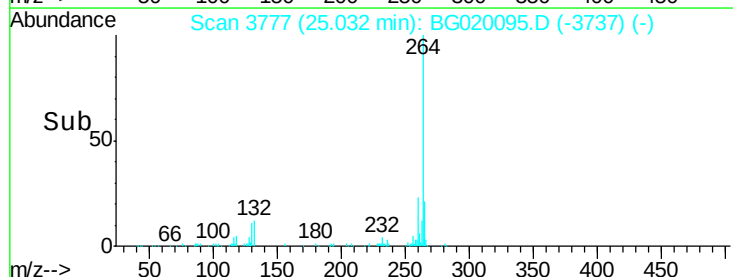
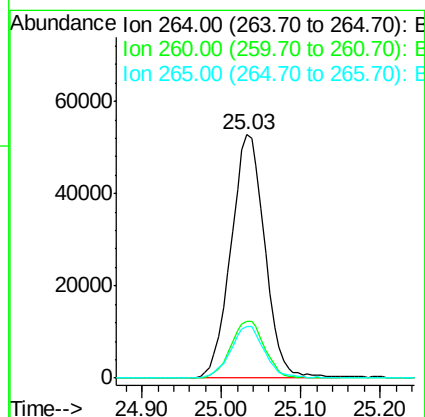
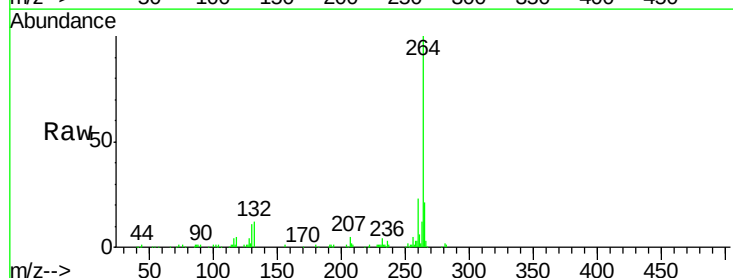
Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

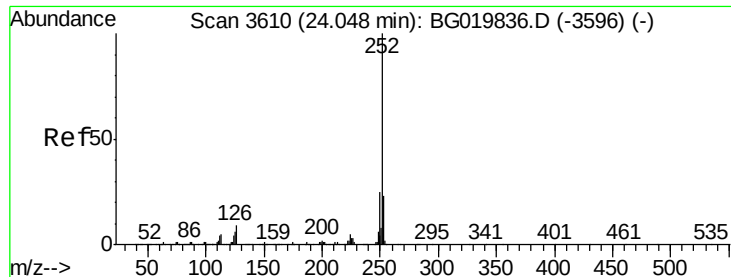
Tot Ion	Ratio	Lower	Upper
276	100		
138	8.7	0.0	0.0#
277	25.4	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.03 min Scan# 3777
 Delta R.T. -0.06 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.63 ng

RT: 23.99 min Scan# 3599

Delta R.T. -0.06 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

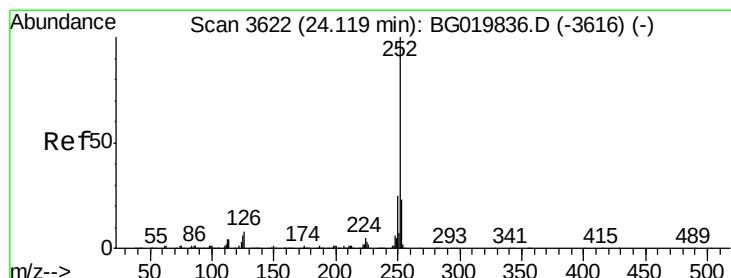
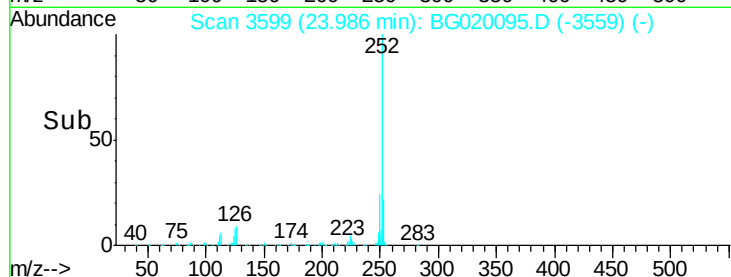
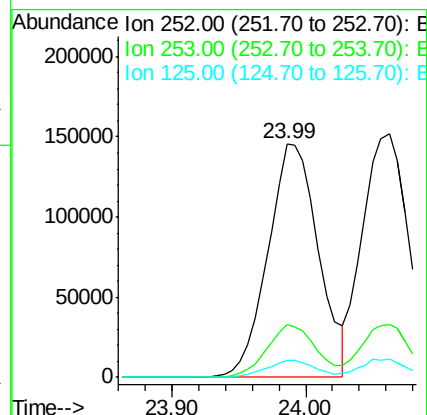
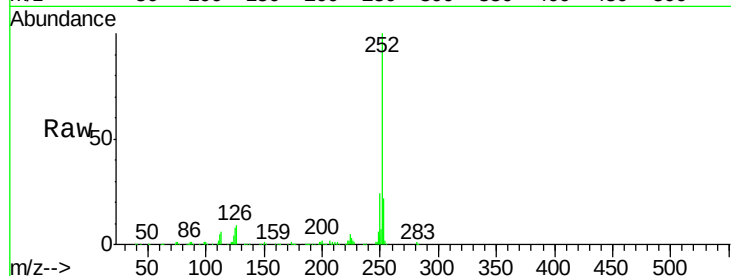
Tot Ion:252 Resp: 382059

Ion Ratio Lower Upper

252 100

253 22.4 19.1 28.7

125 7.6 8.9 13.3#



#88

Benzo(k)fluoranthene

Concen: 37.00 ng

RT: 24.06 min Scan# 3612

Delta R.T. -0.06 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

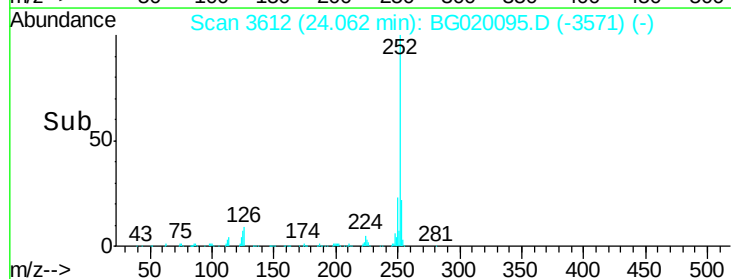
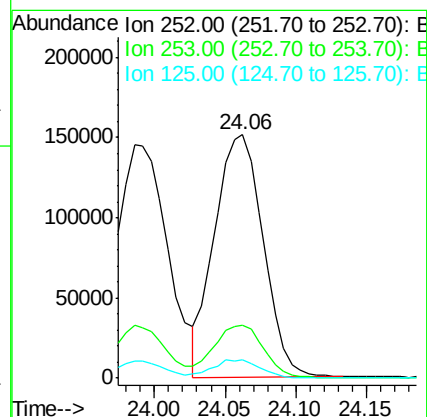
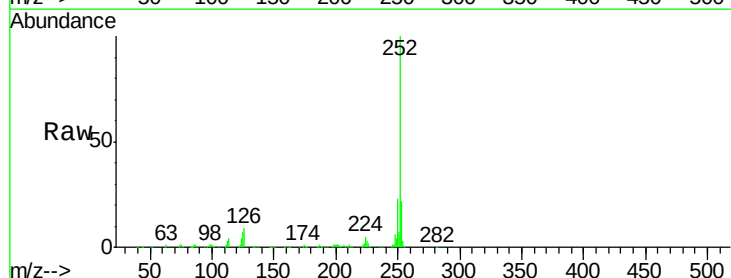
Tgt Ion:252 Resp: 362447

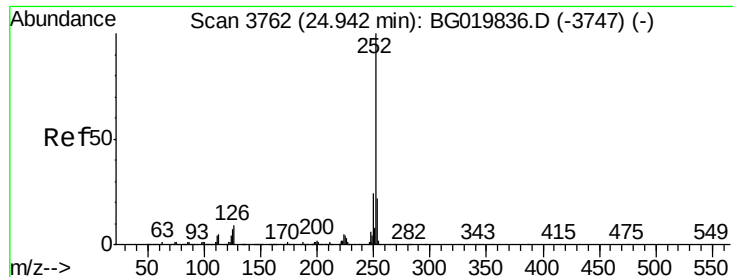
Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.4

125 7.4 8.9 13.3#





#89

Benzo(a)pyrene

Concen: 38.94 ng

RT: 24.88 min Scan# 3752

Delta R.T. -0.06 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

Instrument :

BNA_G

ClientSampleId :

PB87183BSD

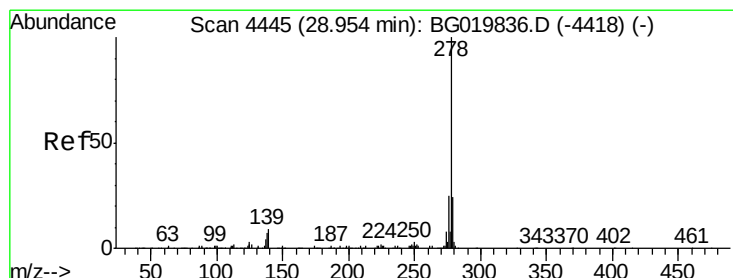
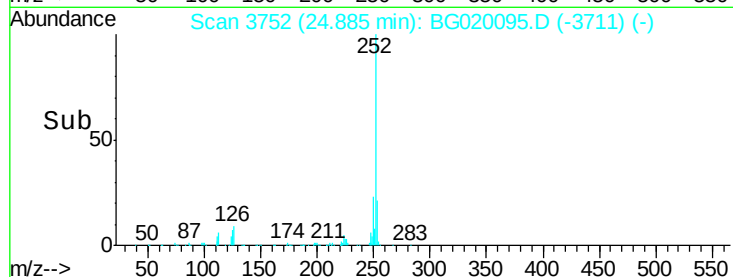
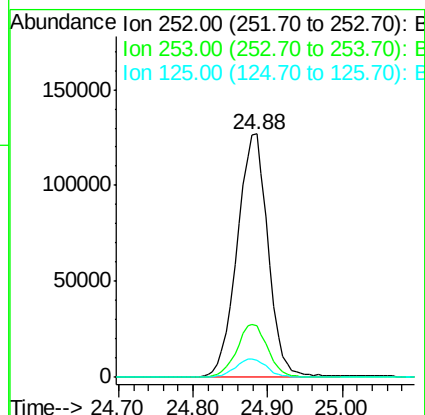
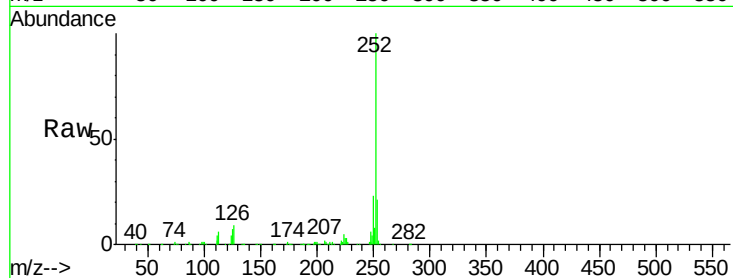
Tot Ion:252 Resp: 365622

Ion Ratio Lower Upper

252 100

253 21.2 18.7 28.1

125 7.2 9.1 13.7#



#90

Dibenzo(a,h)anthracene

Concen: 35.58 ng

RT: 28.84 min Scan# 4426

Delta R.T. -0.11 min

Lab File: BG020095.D

Acq: 11 Dec 2015 4:46

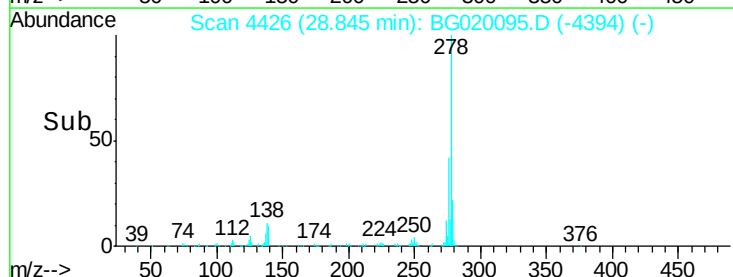
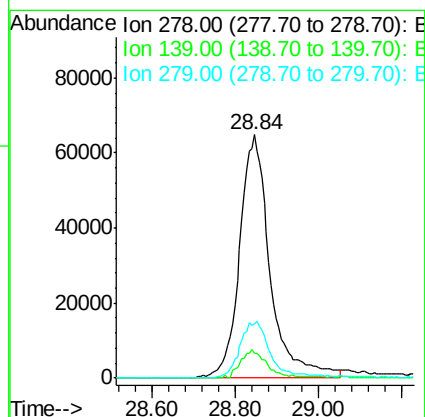
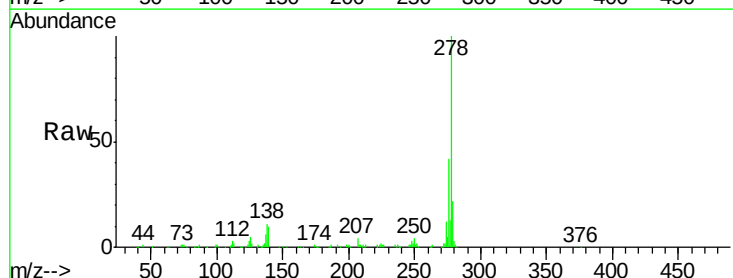
Tgt Ion:278 Resp: 330100

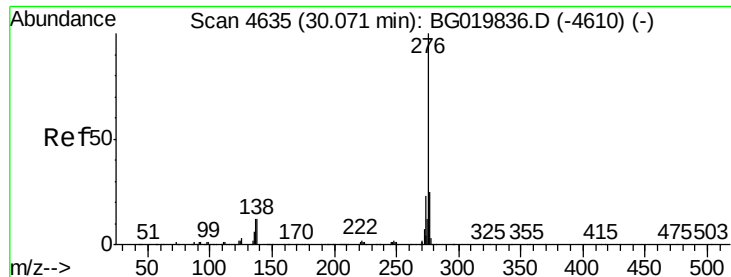
Ion Ratio Lower Upper

278 100

139 10.1 13.8 20.6#

279 22.1 19.4 29.0

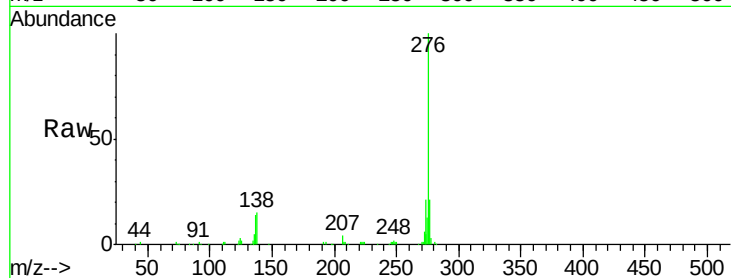




#91
 Benzo(a,h,i)perylene
 Concen: 32.77 ng
 RT: 29.95 min Scan# 4614
 Delta R.T. -0.12 min
 Lab File: BG020095.D
 Acq: 11 Dec 2015 4:46

Instrument :
 BNA_G
 ClientSampleId :
 PB87183BSD

Tot Ion:	276	Resp:	298489
Ion	Ratio	Lower	Upper
276	100		
277	20.9	18.4	27.6
138	14.7	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

