

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
 Data File : BG020133.D
 Acq On : 12 Dec 2015 8:29
 Operator : UM/SJ
 Sample : PB87240BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Quant Time: Dec 14 00:59:47 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	8.10	152	20709	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	86988	20.00	ng	-0.03
38) Acenaphthene-d10	14.73	164	65862	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	163950	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	181918	20.00	ng	-0.05
86) Perylene-d12	25.01	264	170889	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	160600	140.16	ng	-0.02
7) Phenol-d6	7.26	99	233293	134.85	ng	-0.02
23) Nitrobenzene-d5	9.27	82	147156	86.34	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	127372	126.39	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	376796	78.11	ng	-0.03
78) Terphenyl-d14	20.07	244	640224	85.84	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	14349	32.15	ng	# 100
3) Pyridine	3.91	79	46127	34.03	ng	92
4) n-Nitrosodimethylamine	3.82	42	24339	34.14	ng	84
6) Aniline	7.42	93	55430	24.74	ng	# 90
8) 2-Chlorophenol	7.66	128	61418	43.96	ng	96
9) Benzaldehyde	7.23	77	34235	29.68	ng	95
10) Phenol	7.28	94	83508	45.86	ng	81
11) bis(2-Chloroethyl)ether	7.52	93	52768	39.13	ng	93
12) 1,3-Dichlorobenzene	7.99	146	59123	37.33	ng	# 93
13) 1,4-Dichlorobenzene	8.13	146	59954	36.66	ng	# 93
14) 1,2-Dichlorobenzene	8.46	146	59052	37.85	ng	92
15) Benzyl Alcohol	8.33	79	64236	42.31	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.63	45	76826	34.93	ng	96
17) 2-Methylphenol	8.54	107	57641	44.84	ng	# 91
18) Hexachloroethane	9.19	117	22448	36.65	ng	89
19) n-Nitroso-di-n-propylamine	8.90	70	50197	36.79	ng	93
20) 3+4-Methylphenols	8.87	107	79796	44.09	ng	94
22) Acetophenone	8.92	105	92677	38.87	ng	# 94
24) Nitrobenzene	9.31	77	76572	41.42	ng	94
25) Isophorone	9.83	82	143059	39.15	ng	97
26) 2-Nitrophenol	10.03	139	34547	48.38	ng	# 75
27) 2,4-Dimethylphenol	10.08	122	65886	44.31	ng	92
28) bis(2-Chloroethoxy)methane	10.31	93	79291	44.41	ng	99
29) 2,4-Dichlorophenol	10.56	162	72633	47.81	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	67140	39.11	ng	98
31) Naphthalene	10.97	128	188492	40.45	ng	100
32) Benzoic acid	10.21	122	52631	51.95	ng	87
33) 4-Chloroaniline	11.07	127	20003	9.74	ng	# 92
34) Hexachlorobutadiene	11.25	225	48575	38.36	ng	95
35) Caprolactam	11.85	113	16375	28.96	ng	# 69
36) 4-Chloro-3-methylphenol	12.19	107	82772	43.75	ng	96
37) 2-Methylnaphthalene	12.56	142	145928	42.73	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	96236	38.50	ng	99
40) Hexachlorocyclopentadiene	12.91	237	125928	88.36	ng	97

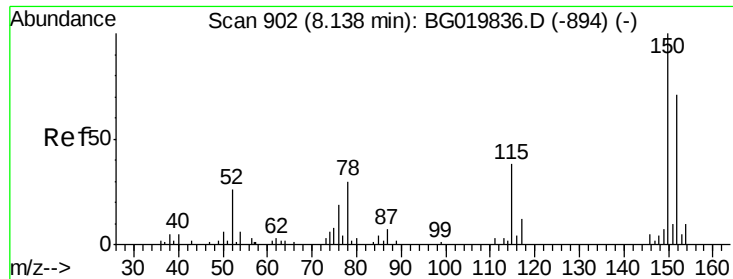
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
 Data File : BG020133.D
 Acq On : 12 Dec 2015 8:29
 Operator : UM/SJ
 Sample : PB87240BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Quant Time: Dec 14 00:59:47 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	69653	42.09	ng	98
43) 2,4,5-Trichlorophenol	13.24	196	77419	44.27	ng	95
45) 1,1'-Biphenyl	13.56	154	202363	37.44	ng	98
46) 2-Chloronaphthalene	13.61	162	162047	38.89	ng	96
47) 2-Nitroaniline	13.81	65	57205	43.47	ng	89
48) Acenaphthylene	14.46	152	271337	38.24	ng	99
49) Dimethylphthalate	14.18	163	228564	38.58	ng	99
50) 2,6-Dinitrotoluene	14.30	165	50759	45.57	ng	88
51) Acenaphthene	14.80	154	159798	37.11	ng	97
52) 3-Nitroaniline	14.63	138	23761	20.53	ng	91
53) 2,4-Dinitrophenol	14.83	184	61312	100.72	ng	89
54) Dibenzofuran	15.13	168	271433	42.37	ng	92
55) 4-Nitrophenol	14.93	139	80833	80.20	ng	# 64
56) 2,4-Dinitrotoluene	15.08	165	72279	46.51	ng	94
57) Fluorene	15.77	166	220854	38.52	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.35	232	74977	46.32	ng	95
59) Diethylphthalate	15.54	149	233311	36.39	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	124862	37.93	ng	99
61) 4-Nitroaniline	15.79	138	50290	38.64	ng	# 79
62) Azobenzene	16.05	77	211314	39.61	ng	95
64) 4,6-Dinitro-2-methylphenol	15.84	198	44063	47.86	ng	93
65) n-Nitrosodiphenylamine	15.98	169	198231	41.78	ng	95
66) 4-Bromophenyl-phenylether	16.66	248	81830	40.17	ng	97
67) Hexachlorobenzene	16.78	284	90384	42.59	ng	97
68) Atrazine	16.92	200	83933	40.72	ng	98
69) Pentachlorophenol	17.12	266	108384	87.50	ng	95
70) Phenanthrene	17.52	178	374973	40.42	ng	98
71) Anthracene	17.61	178	382360	40.47	ng	97
72) Carbazole	17.87	167	333550	40.07	ng	96
73) Di-n-butylphthalate	18.42	149	386666	37.90	ng	98
74) Fluoranthene	19.51	202	467009	39.36	ng	94
76) Benzidine	19.69	184	113231	18.95	ng	96
77) Pyrene	19.88	202	473698	44.26	ng	95
79) Butylbenzylphthalate	20.75	149	166729	39.75	ng	96
80) Benzo(a)anthracene	21.72	228	452346	40.62	ng	98
81) 3,3'-Dichlorobenzidine	21.64	252	78824	18.59	ng	# 97
82) Chrysene	21.79	228	407918	38.58	ng	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	239360	38.88	ng	96
84) Di-n-octyl phthalate	22.84	149	412563	41.22	ng	97
85) Indeno(1,2,3-cd)pyrene	28.74	276	503531	43.23	ng	# 100
87) Benzo(b)fluoranthene	23.97	252	442307	40.84	ng	# 94
88) Benzo(k)fluoranthene	24.04	252	421087	39.26	ng	# 95
89) Benzo(a)pyrene	24.86	252	423204	41.16	ng	# 94
90) Dibenzo(a,h)anthracene	28.81	278	415306	40.88	ng	# 93
91) Benzo(g,h,i)perylene	29.91	276	417003	41.80	ng	# 91

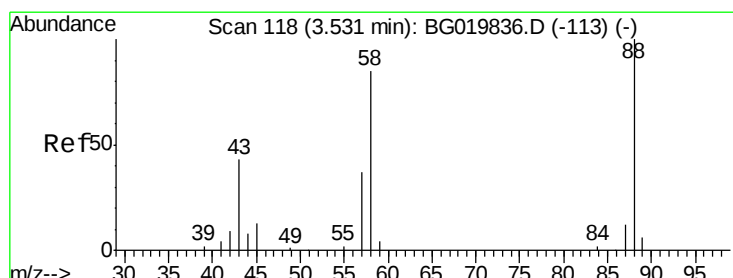
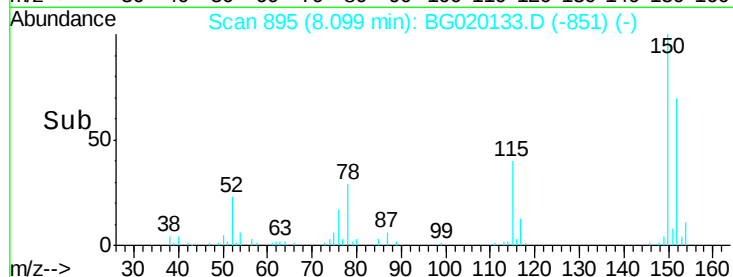
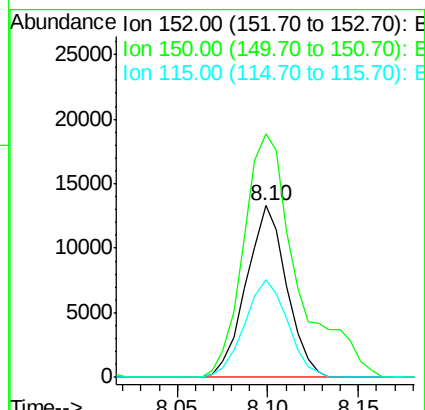
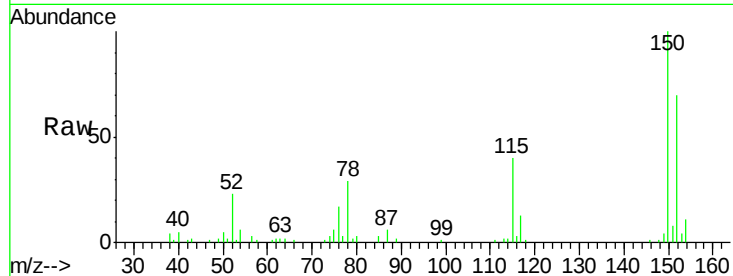
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 895
 Delta R.T. -0.04 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

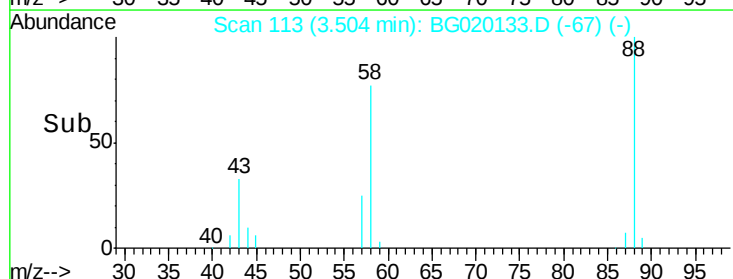
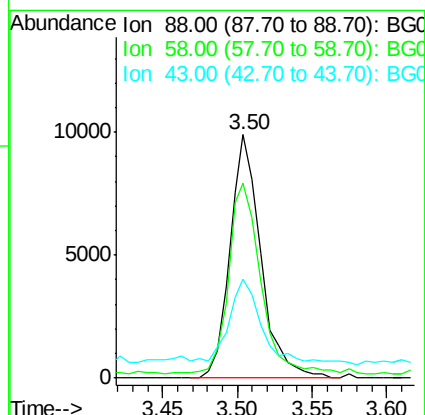
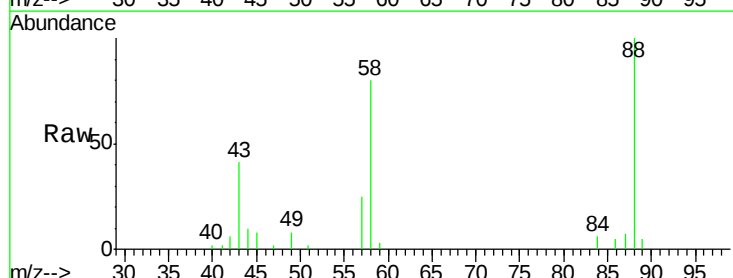
Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Tgt Ion:152 Resp: 20709
 Ion Ratio Lower Upper
 152 100
 150 141.9 115.0 172.4
 115 57.2 43.9 65.9



#2
 1,4-Dioxane
 Concen: 32.15 ng
 RT: 3.50 min Scan# 113
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion: 88 Resp: 14349
 Ion Ratio Lower Upper
 88 100
 58 79.4 0.0 0.0#
 43 39.8 0.0 0.0#





#3

Pyridine

Concen: 34.03 ng

RT: 3.91 min Scan# 182

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

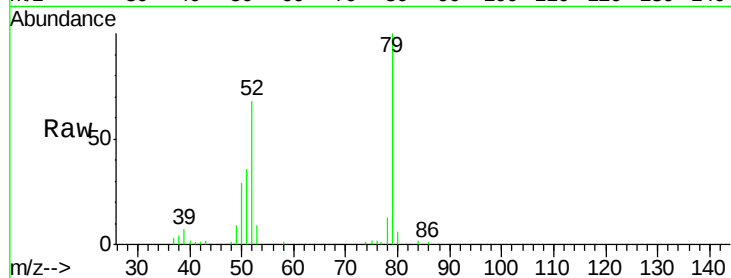
Tgt Ion: 79 Resp: 46127

Ion Ratio Lower Upper

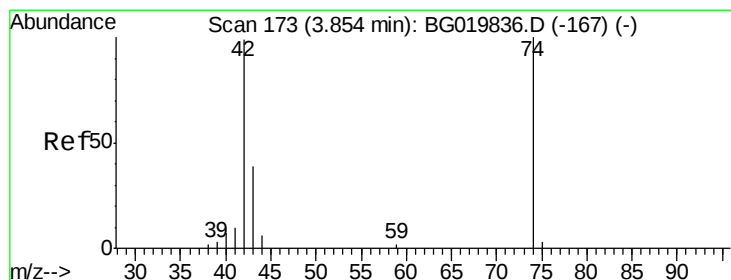
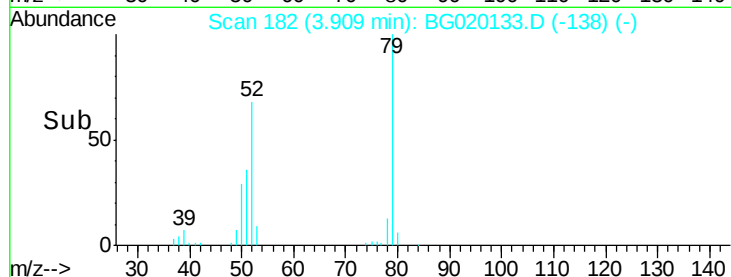
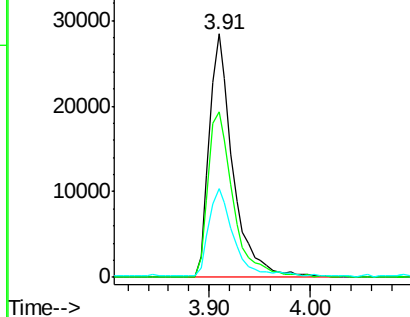
79 100

52 68.2 50.3 75.5

51 36.4 24.8 37.2



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



#4

n-Nitrosodimethylamine

Concen: 34.14 ng

RT: 3.82 min Scan# 167

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

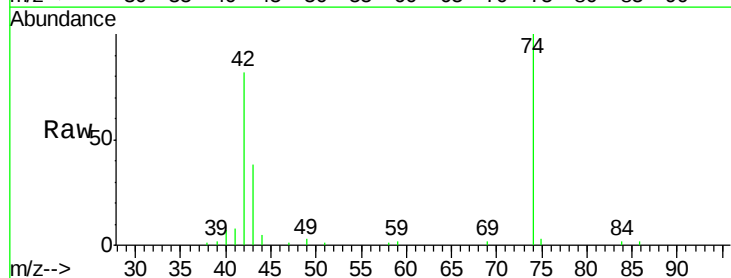
Tgt Ion: 42 Resp: 24339

Ion Ratio Lower Upper

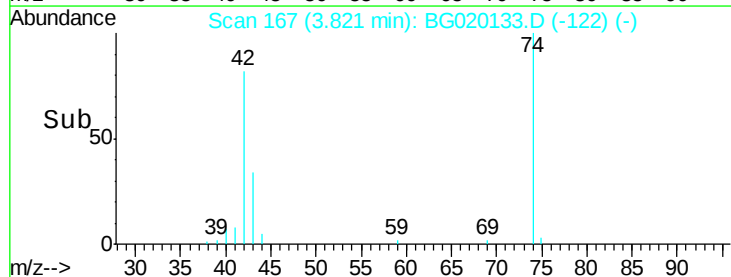
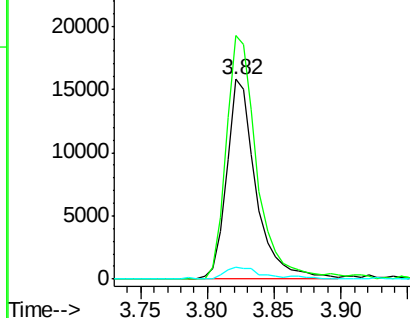
42 100

74 121.9 113.9 170.9

44 6.1 5.7 8.5



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





#5

2-Fluorophenol

Concen: 140.16 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

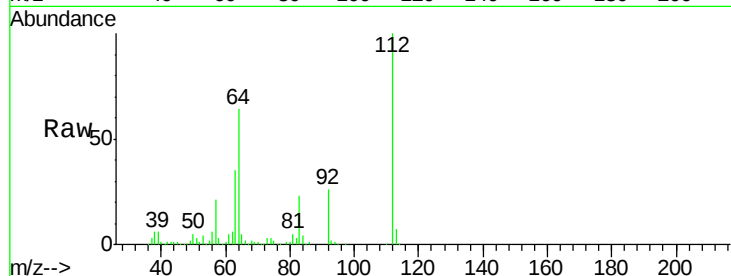
Tgt Ion: 112 Resp: 160600

Ion Ratio Lower Upper

112 100

64 64.4 43.7 65.5

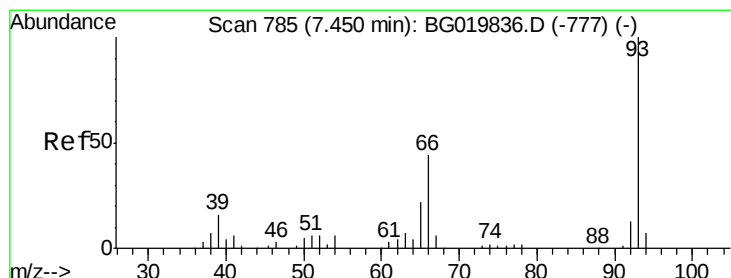
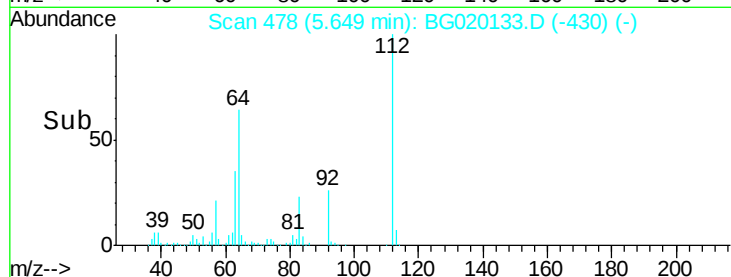
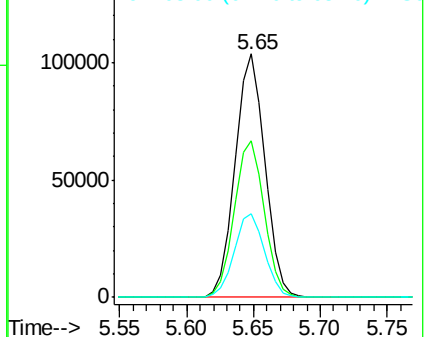
63 34.6 24.0 36.0



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: 24.74 ng

RT: 7.42 min Scan# 780

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

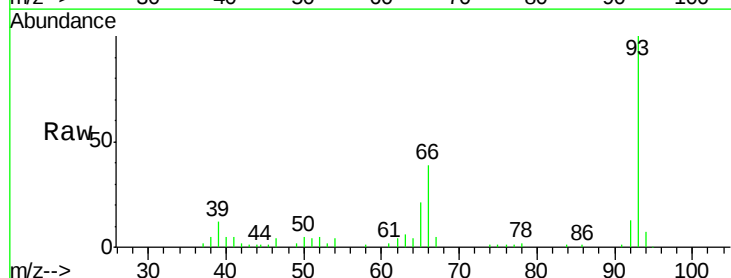
Tgt Ion: 93 Resp: 55430

Ion Ratio Lower Upper

93 100

66 38.9 26.2 39.2

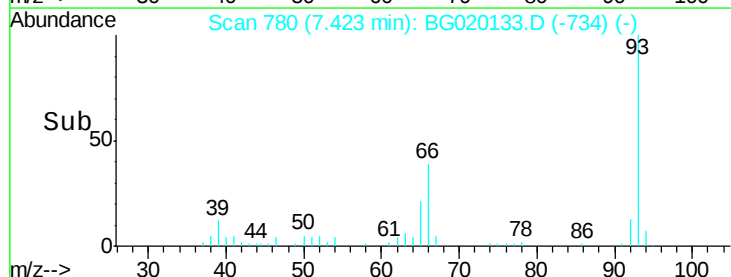
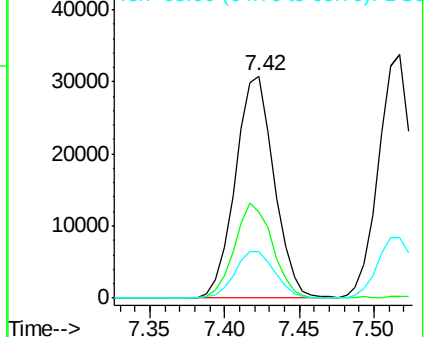
65 21.0 14.0 21.0#

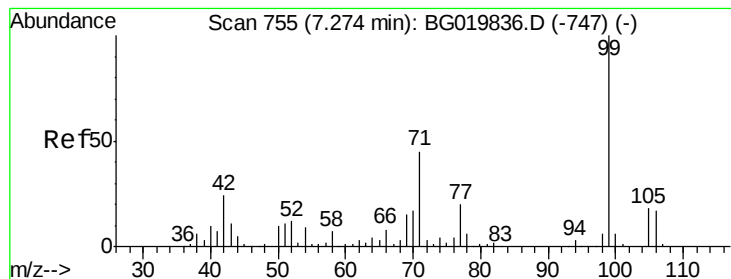


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.85 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

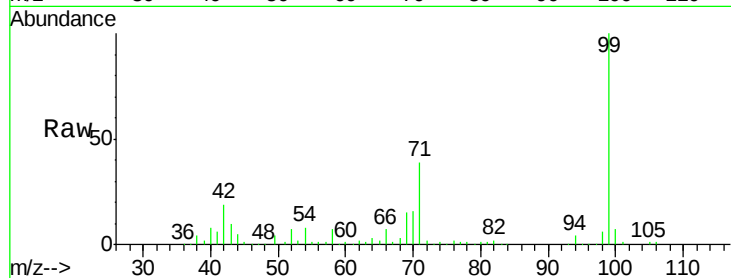
Tgt Ion: 99 Resp: 233293

Ion Ratio Lower Upper

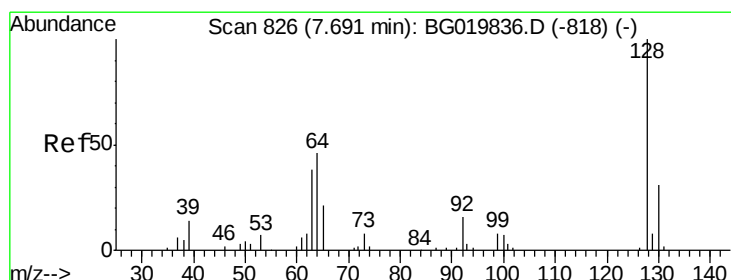
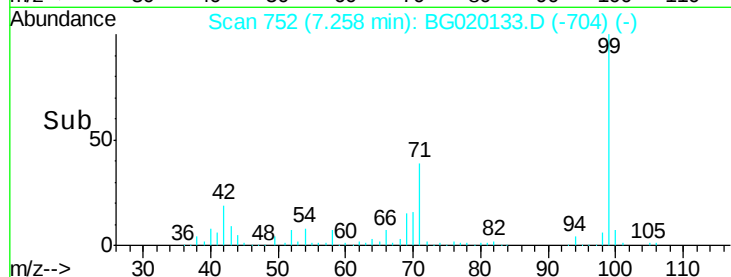
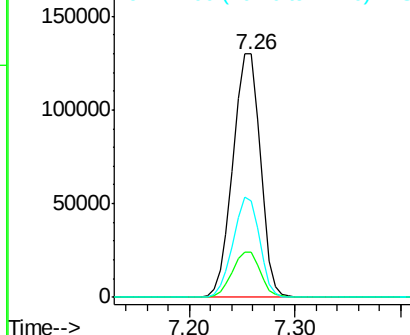
99 100

42 18.6 11.5 17.3#

71 39.4 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: 43.96 ng

RT: 7.66 min Scan# 821

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

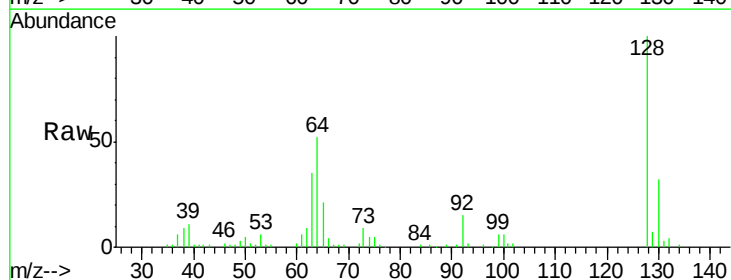
Tgt Ion: 128 Resp: 61418

Ion Ratio Lower Upper

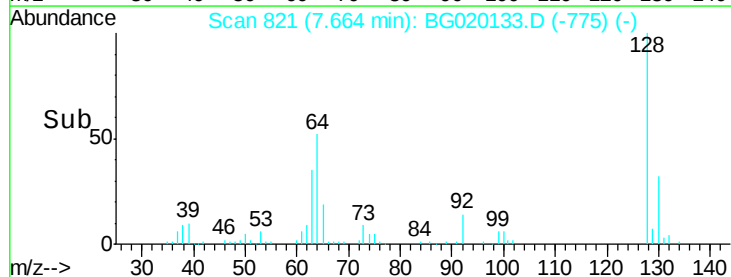
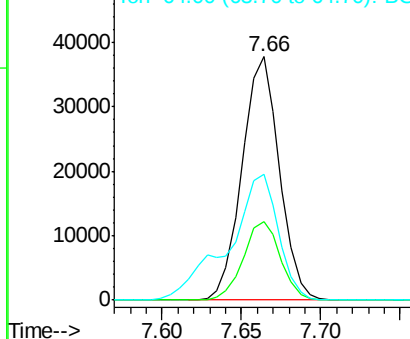
128 100

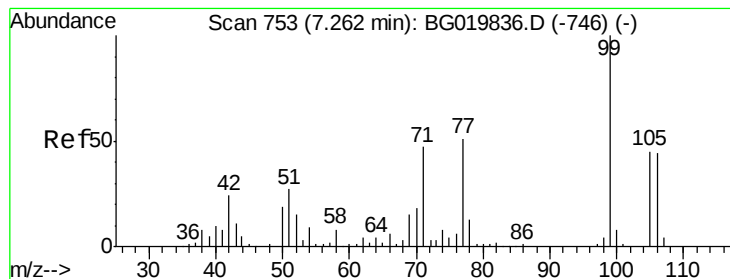
130 32.3 13.0 53.0

64 51.8 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: 29.68 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

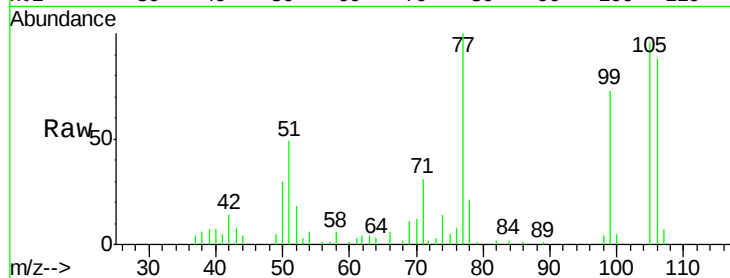
Tgt Ion: 77 Resp: 34235

Ion Ratio Lower Upper

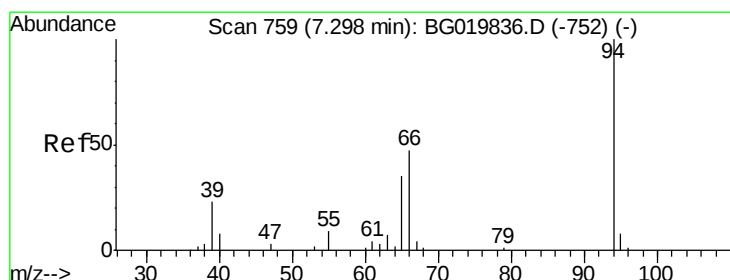
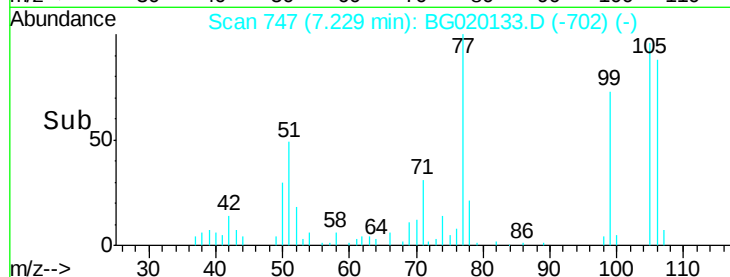
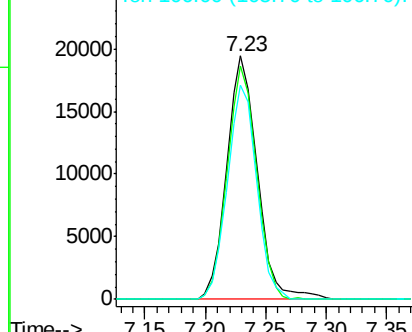
77 100

105 95.8 77.7 117.7

106 88.2 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: 45.86 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.02 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

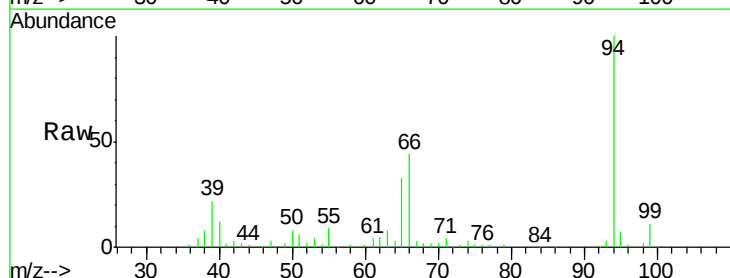
Tgt Ion: 94 Resp: 83508

Ion Ratio Lower Upper

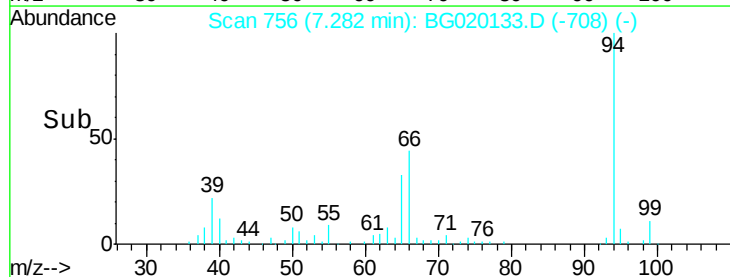
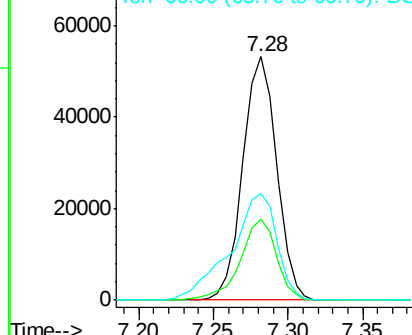
94 100

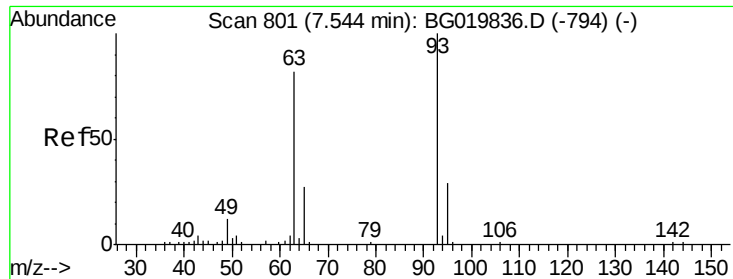
65 33.2 5.4 45.4

66 43.9 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

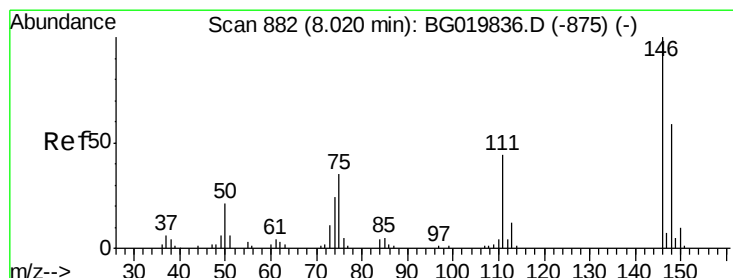
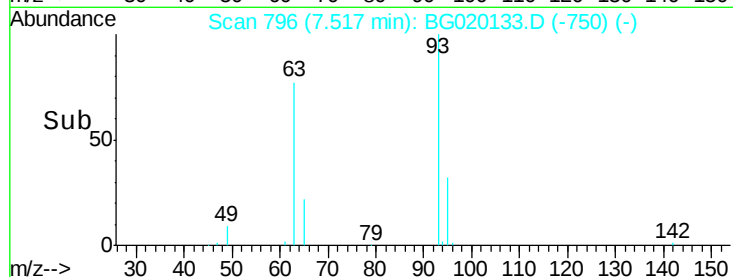
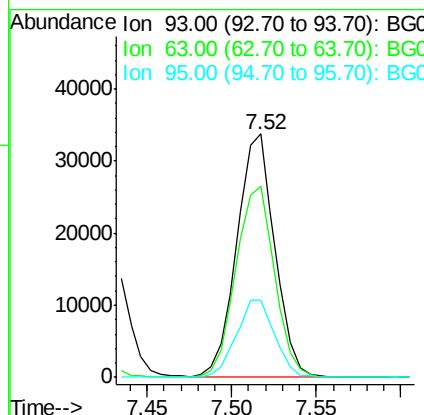
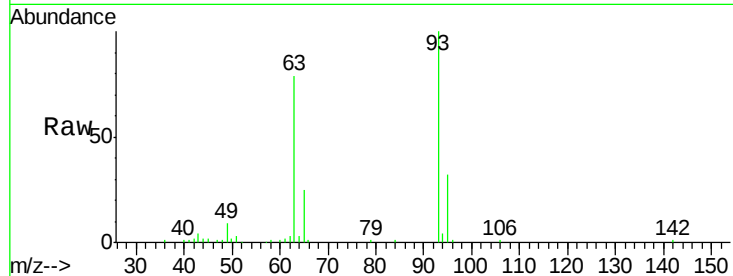




#11
bis(2-Chloroethyl)ether
Concen: 39.13 ng
RT: 7.52 min Scan# 796
Delta R.T. -0.03 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

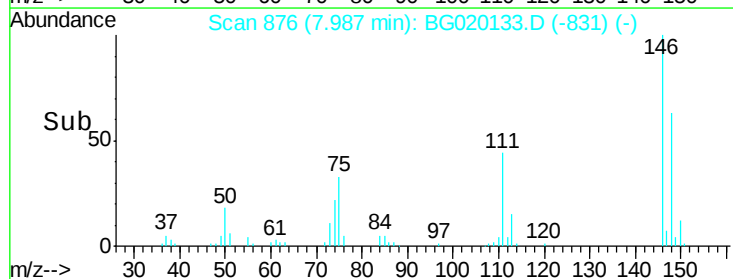
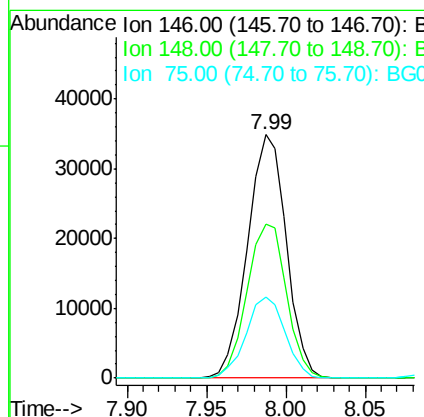
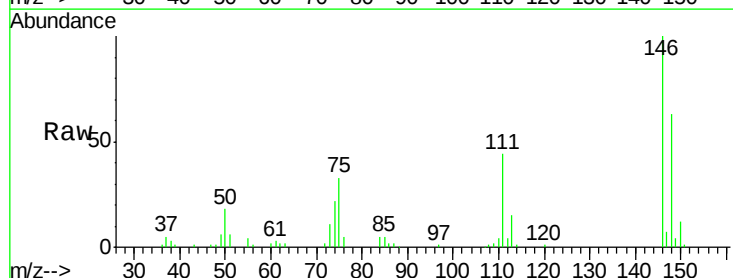
Instrument :
BNA_G
ClientSampleId :
PB87240BS

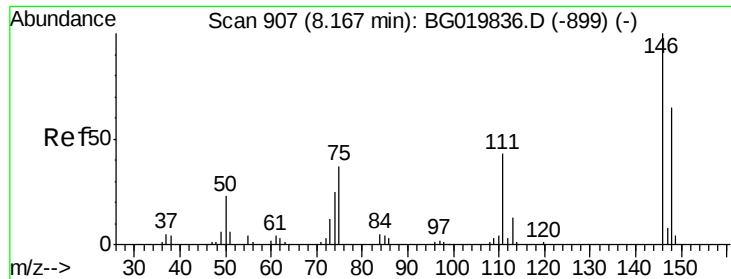
Tgt Ion: 93 Resp: 52768
Ion Ratio Lower Upper
93 100
63 78.5 50.5 90.5
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 37.33 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.03 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Tgt Ion: 146 Resp: 59123
Ion Ratio Lower Upper
146 100
148 63.1 53.4 80.0
75 33.1 21.1 31.7#

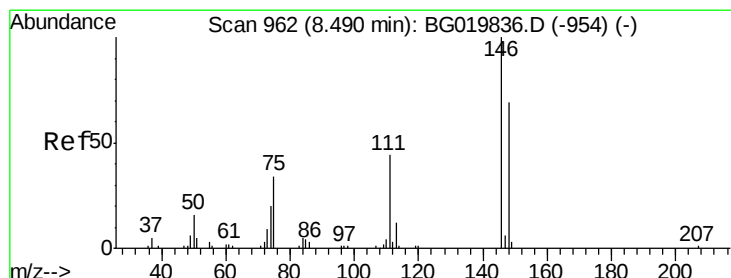
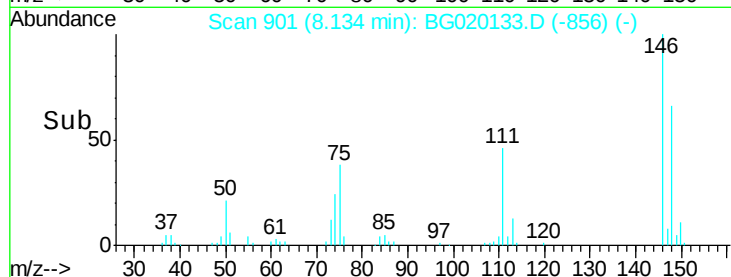
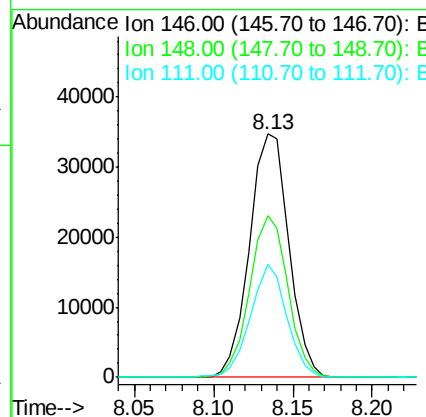
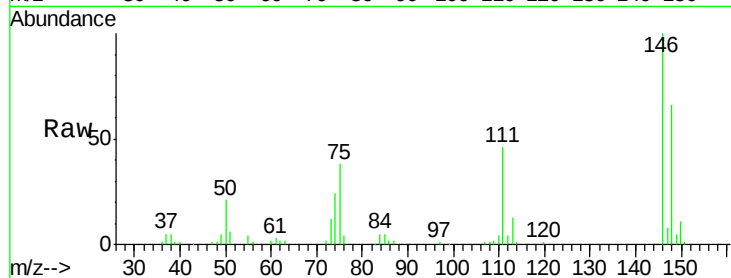




#13
 1,4-Dichlorobenzene
 Concen: 36.66 ng
 RT: 8.13 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

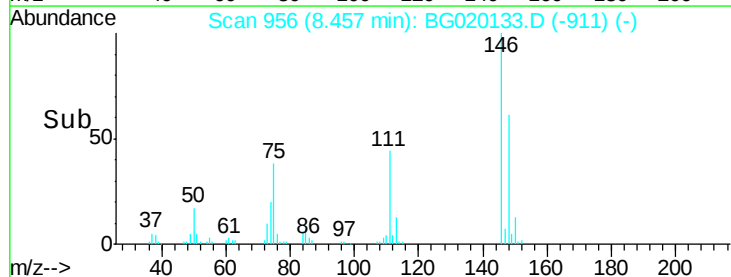
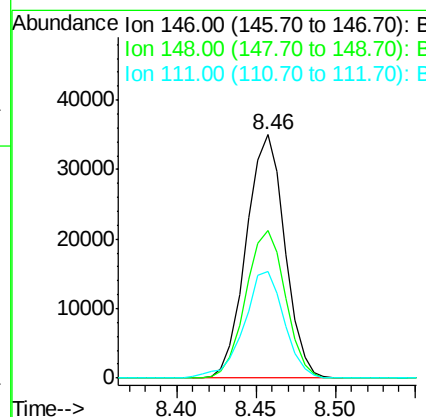
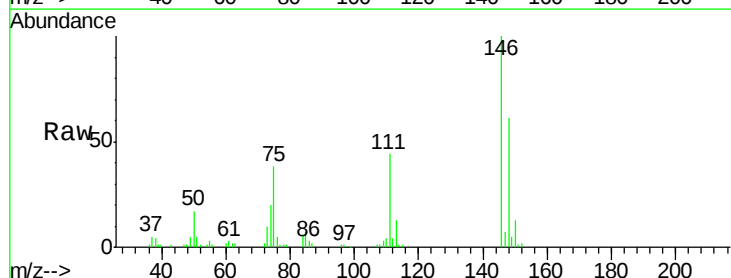
Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

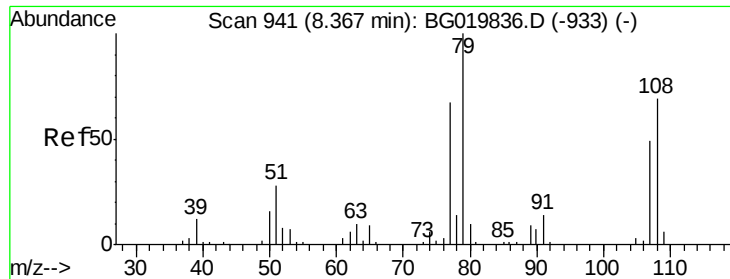
Tgt Ion:146 Resp: 59954
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.5 78.7
 111 46.5 28.3 42.5#



#14
 1,2-Dichlorobenzene
 Concen: 37.85 ng
 RT: 8.46 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion:146 Resp: 59052
 Ion Ratio Lower Upper
 146 100
 148 60.8 52.5 78.7
 111 43.9 29.9 44.9





#15

Benzyl Alcohol

Concen: 42.31 ng

RT: 8.33 min Scan# 935

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

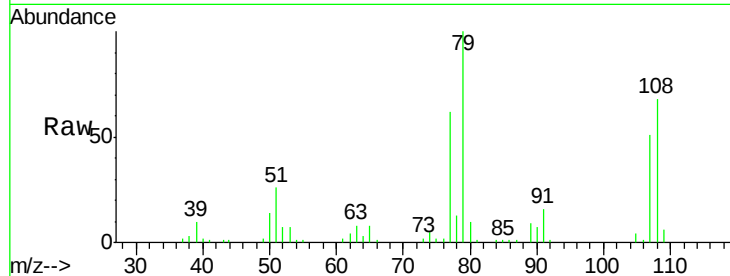
Tgt Ion: 79 Resp: 64236

Ion Ratio Lower Upper

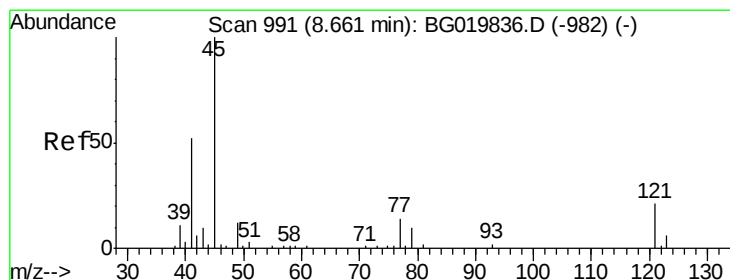
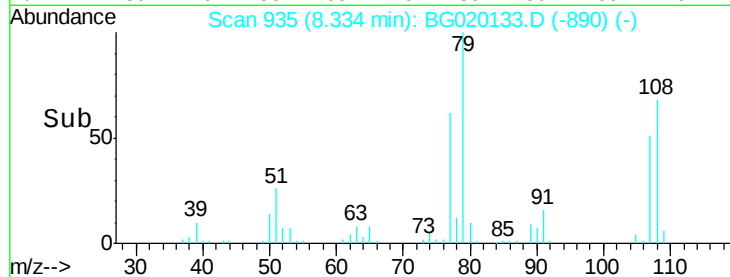
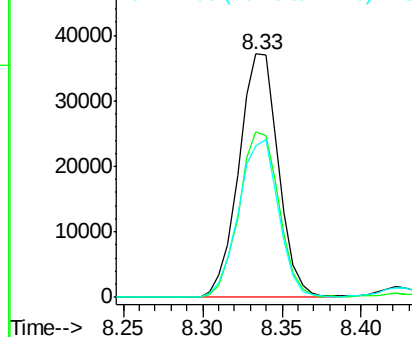
79 100

108 68.1 65.5 98.3

77 62.3 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: 34.93 ng

RT: 8.63 min Scan# 986

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

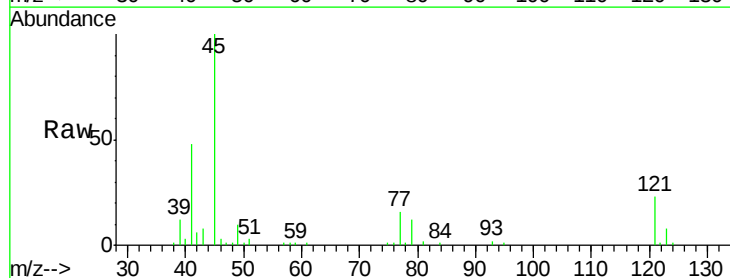
Tgt Ion: 45 Resp: 76826

Ion Ratio Lower Upper

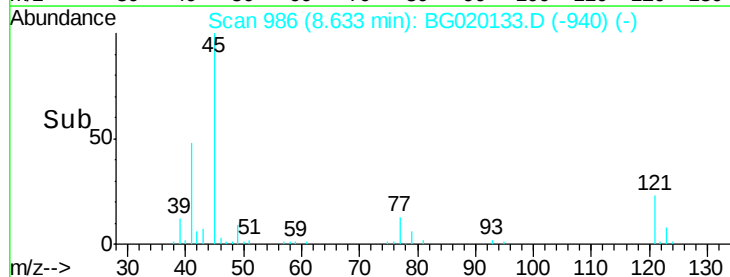
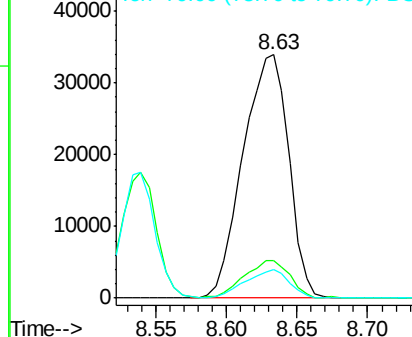
45 100

77 15.5 0.0 37.0

79 11.5 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

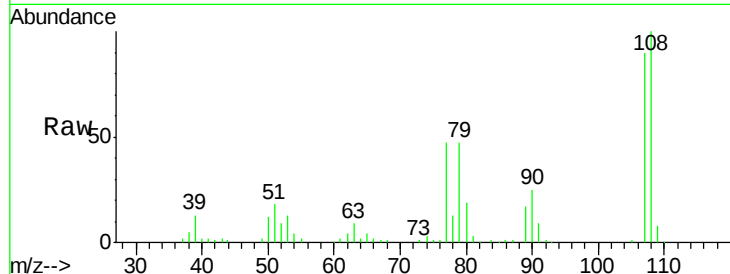




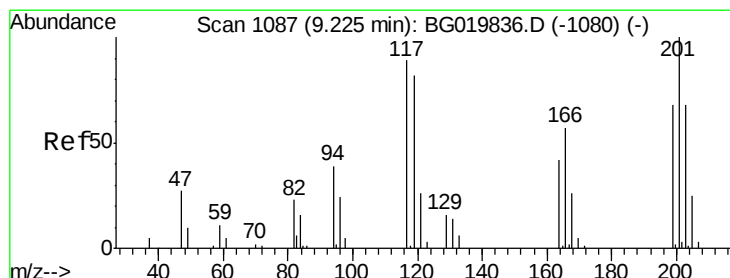
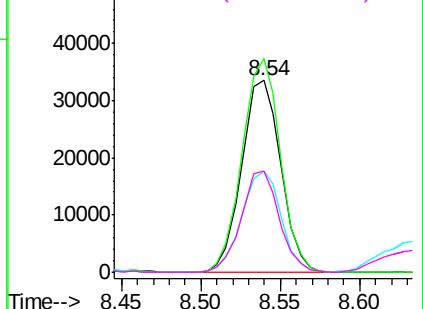
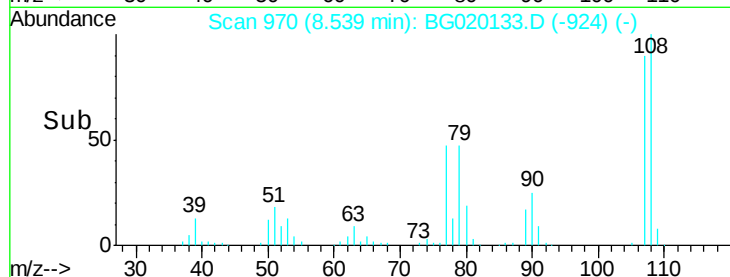
#17
2-Methylphenol
Concen: 44.84 ng
RT: 8.54 min Scan# 970
Delta R.T. -0.03 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Instrument :
BNA_G
ClientSampleId :
PB87240BS

Tgt Ion:107 Resp: 57641
Ion Ratio Lower Upper
107 100
108 111.4 86.5 129.7
77 52.4 34.6 51.8#
79 52.4 32.3 48.5#

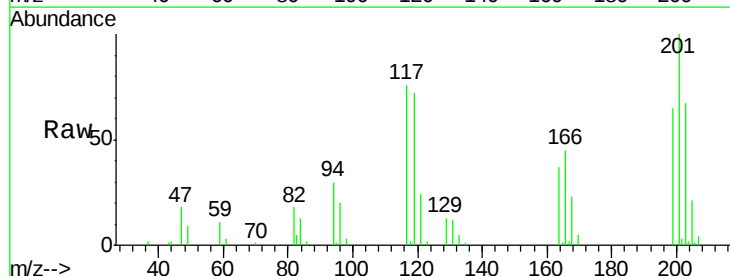


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

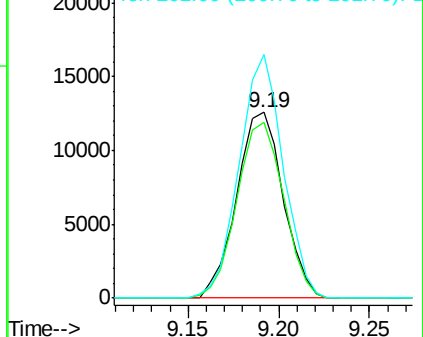
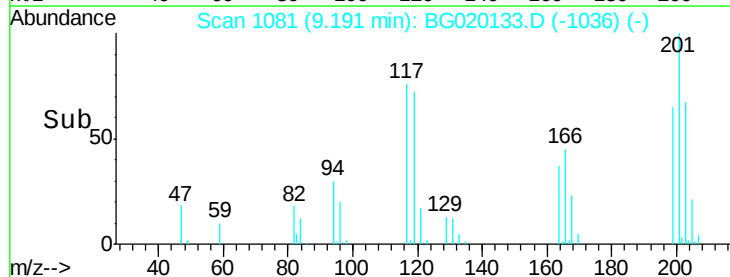


#18
Hexachloroethane
Concen: 36.65 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Tgt Ion:117 Resp: 22448
Ion Ratio Lower Upper
117 100
119 94.5 71.7 107.5
201 130.9 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

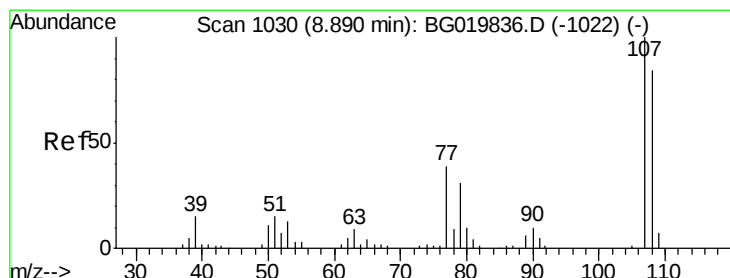
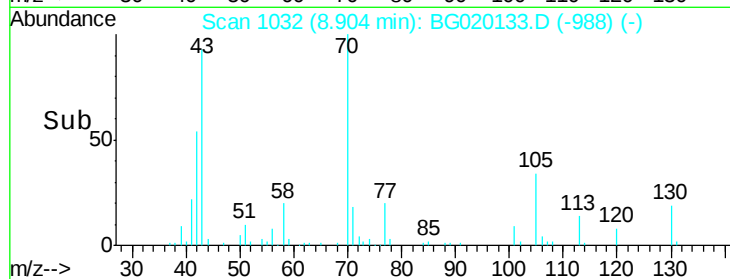
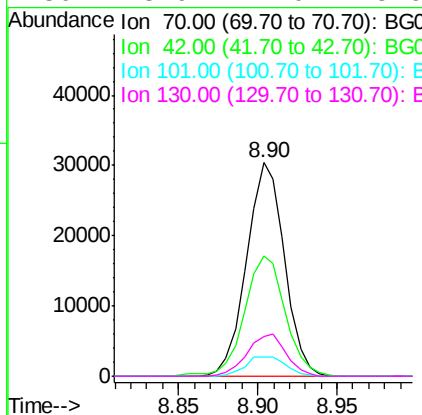
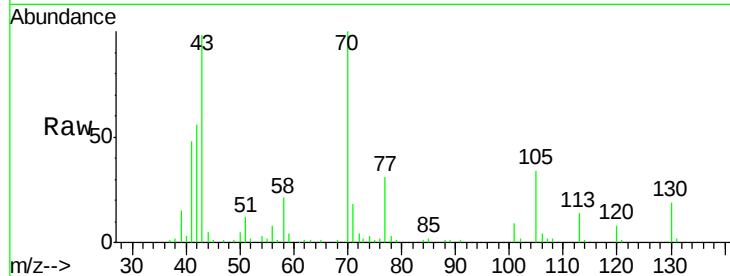




#19
n-Nitroso-di-n-propylamine
Concen: 36.79 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.04 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

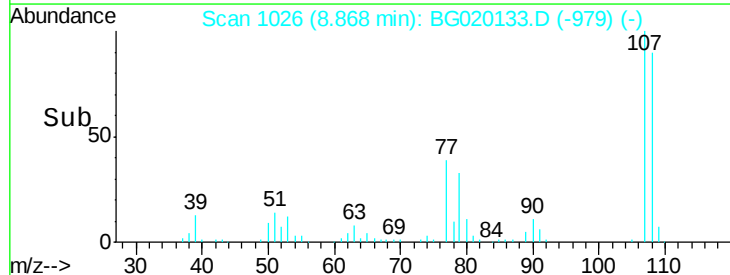
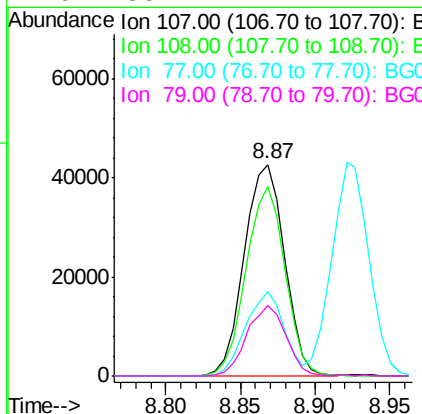
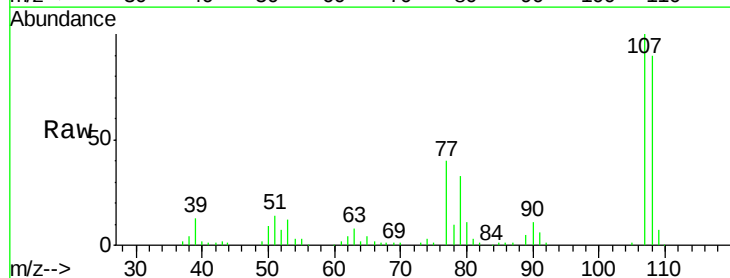
Instrument :
BNA_G
ClientSampleId :
PB87240BS

Tgt Ion:	70	Resp:	50197
Ion	Ratio	Lower	Upper
70	100		
42	56.2	40.6	60.8
101	8.8	8.6	13.0
130	18.9	17.0	25.6



#20
3+4-Methylphenols
Concen: 44.09 ng
RT: 8.87 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Tgt Ion:	107	Resp:	79796
Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.2	112.2
77	39.7	13.4	53.4
79	33.2	7.2	47.2

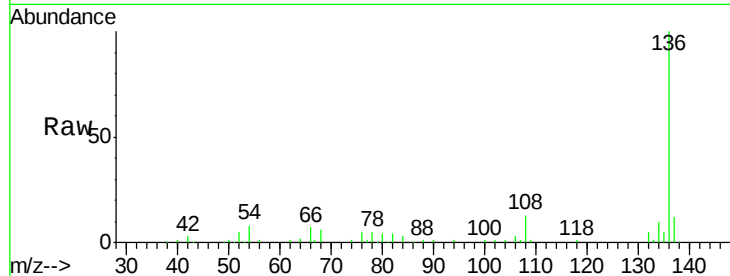




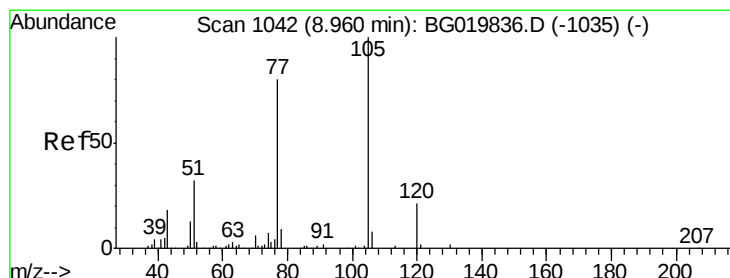
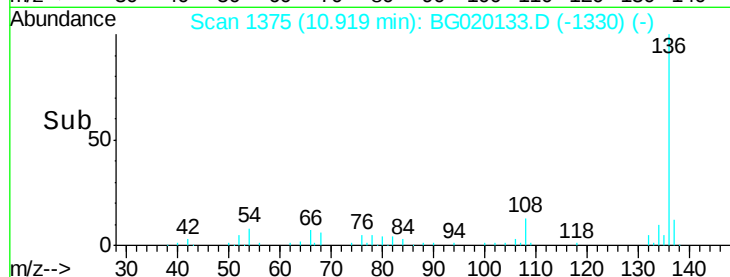
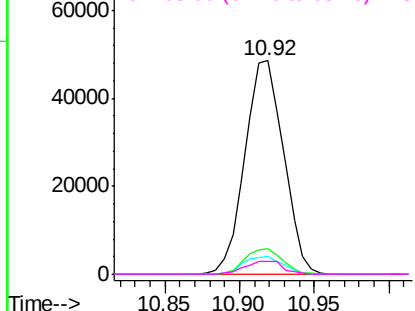
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Instrument :
BNA_G
ClientSampleId :
PB87240BS

Tgt Ion:	136	Resp:	86988
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.6	12.8
54	8.1	5.4	8.2
68	6.0	5.3	7.9

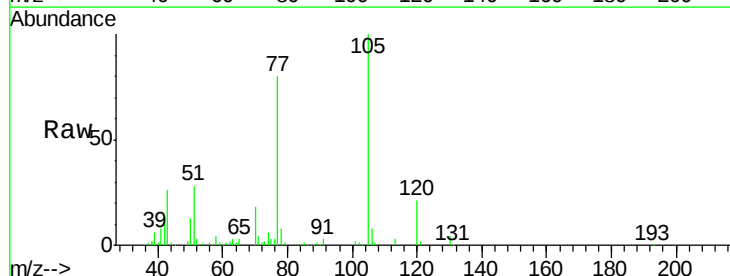


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

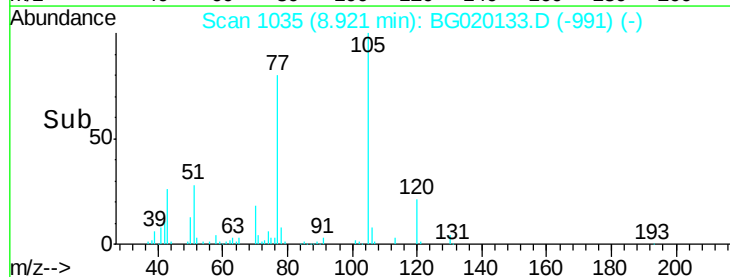
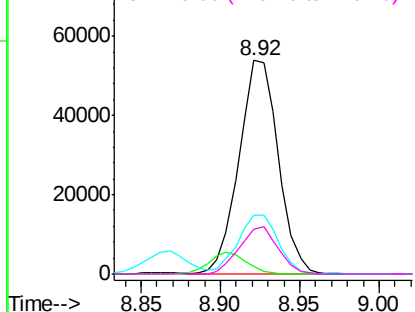


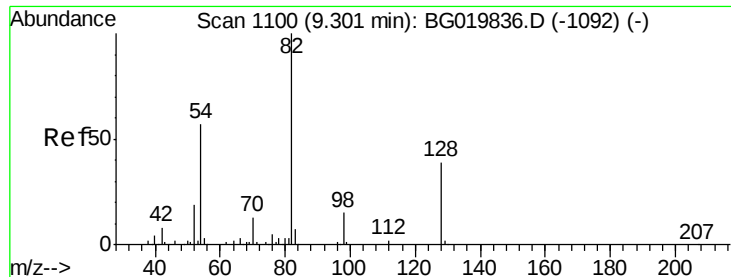
#22
Acetophenone
Concen: 38.87 ng
RT: 8.92 min Scan# 1035
Delta R.T. -0.04 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Tgt Ion:	105	Resp:	92677
Ion	Ratio	Lower	Upper
105	100		
71	3.5	2.1	3.1#
51	27.5	17.8	26.8#
120	21.0	17.7	26.5



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

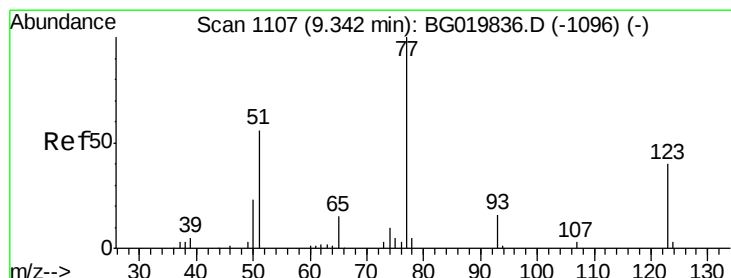
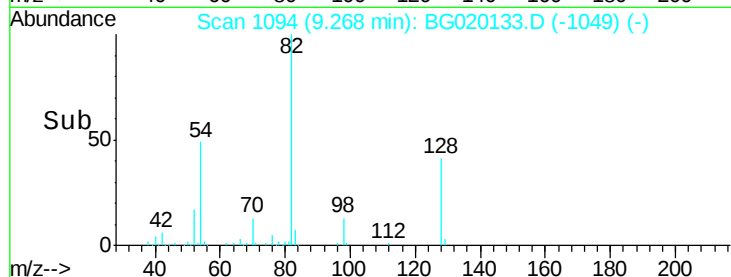
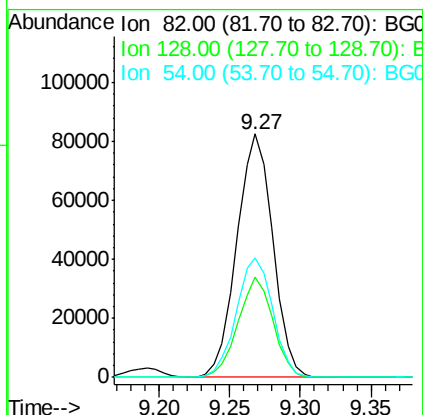
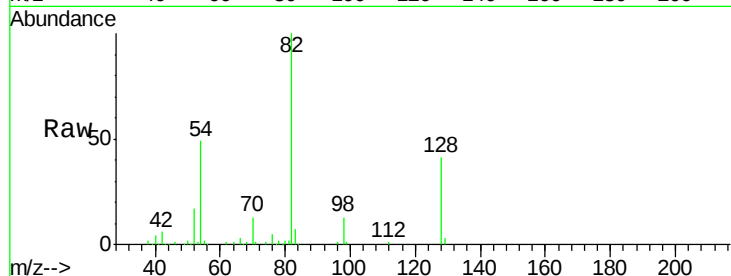




#23
 Nitrobenzene-d5
 Concen: 86.34 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

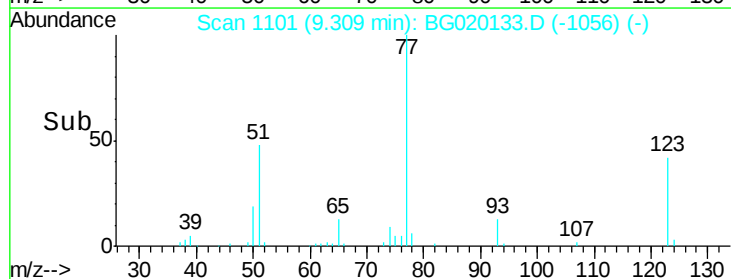
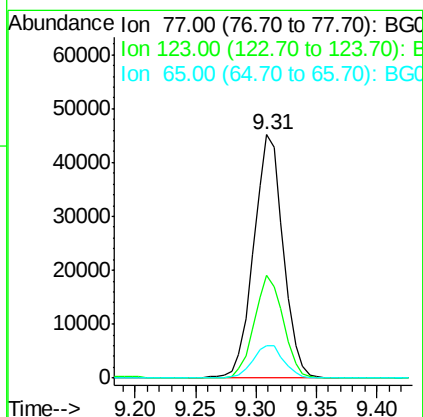
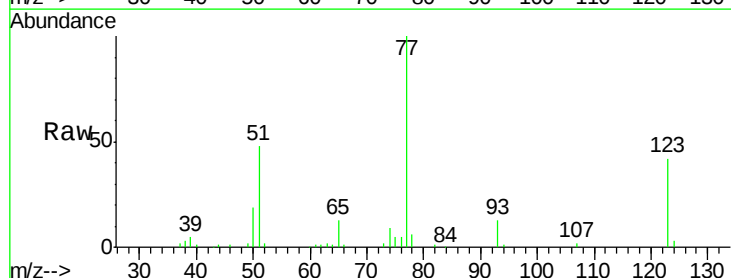
Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Tgt Ion: 82 Resp: 147156
 Ion Ratio Lower Upper
 82 100
 128 41.0 36.7 55.1
 54 49.0 33.8 50.8



#24
 Nitrobenzene
 Concen: 41.42 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion: 77 Resp: 76572
 Ion Ratio Lower Upper
 77 100
 123 42.2 38.2 57.2
 65 13.1 10.6 16.0





#25

Isophorone

Concen: 39.15 ng

RT: 9.83 min Scan# 1190

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

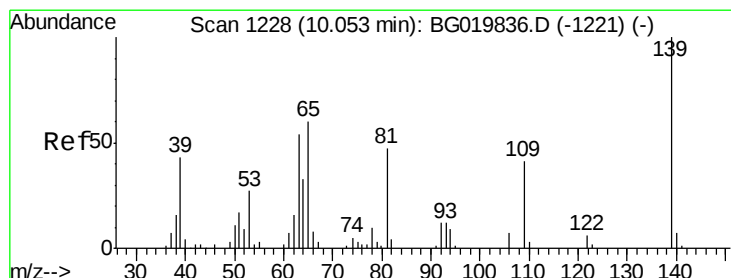
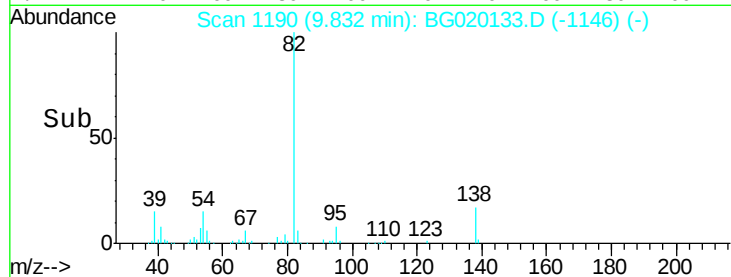
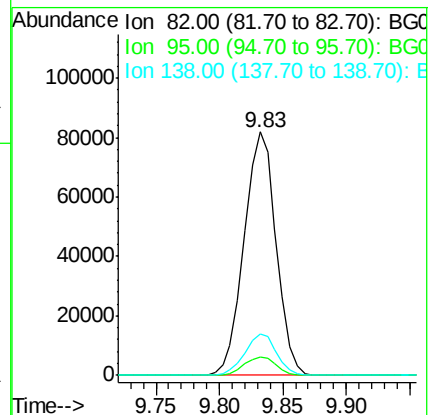
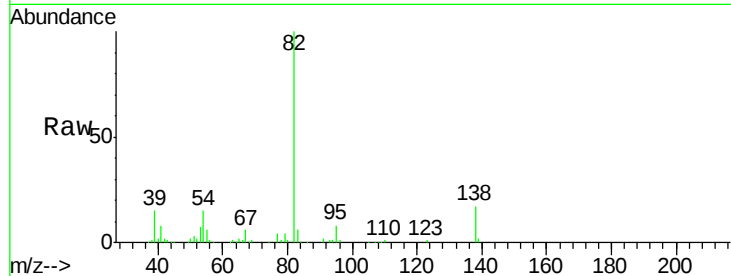
Tgt Ion: 82 Resp: 143059

Ion Ratio Lower Upper

82 100

95 7.6 5.2 7.8

138 17.0 14.4 21.6



#26

2-Nitrophenol

Concen: 48.38 ng

RT: 10.03 min Scan# 1223

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

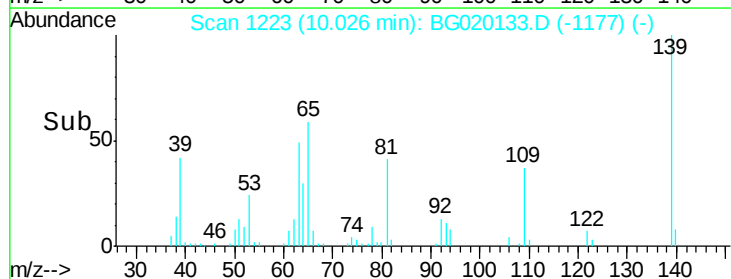
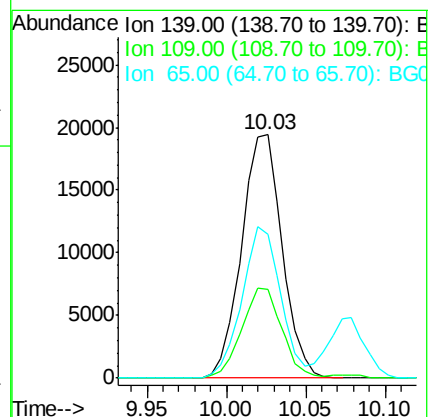
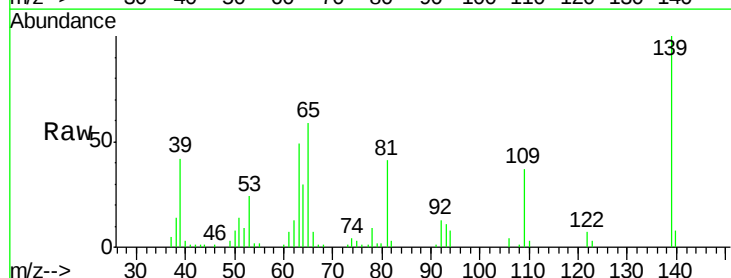
Tgt Ion: 139 Resp: 34547

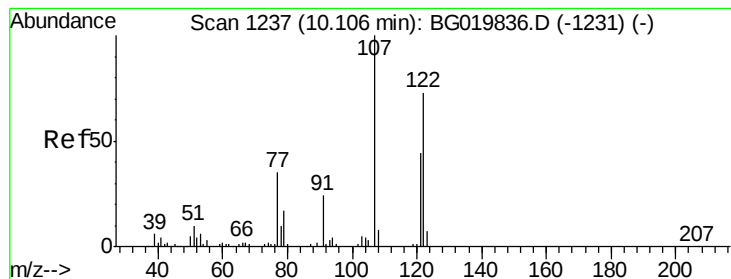
Ion Ratio Lower Upper

139 100

109 36.5 20.1 30.1#

65 59.1 34.1 51.1#





#27

2,4-Dimethylphenol

Concen: 44.31 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

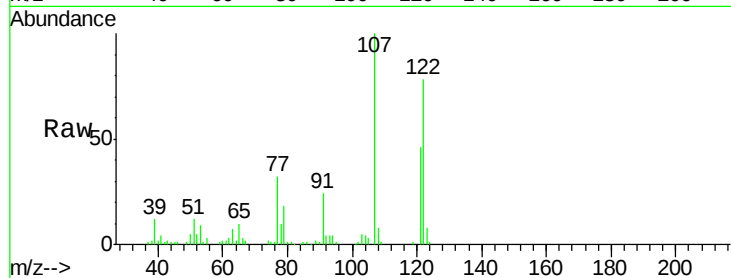
Tgt Ion:122 Resp: 65886

Ion Ratio Lower Upper

122 100

107 127.4 91.6 137.4

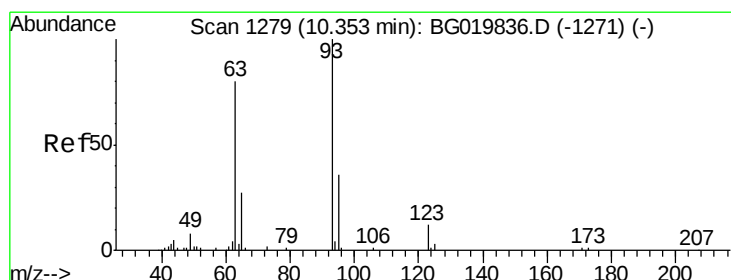
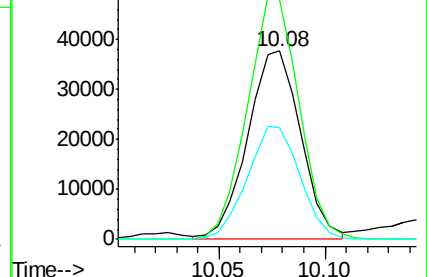
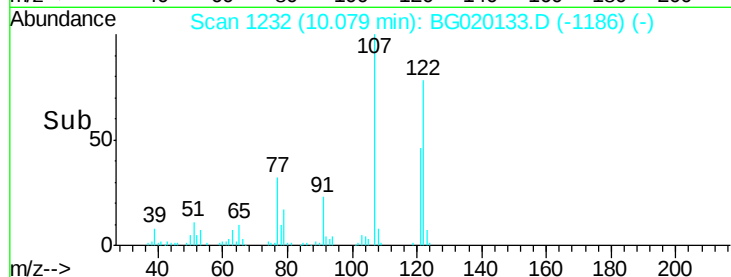
121 59.1 47.3 70.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 44.41 ng

RT: 10.31 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

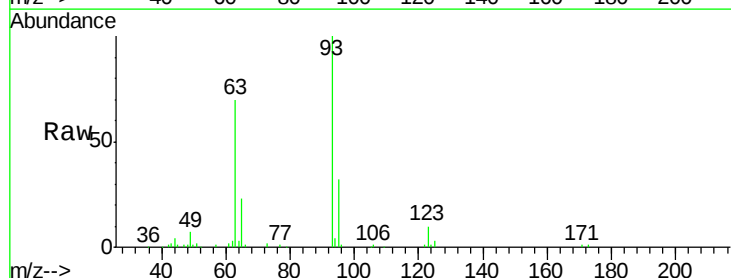
Tgt Ion: 93 Resp: 79291

Ion Ratio Lower Upper

93 100

95 31.6 25.7 38.5

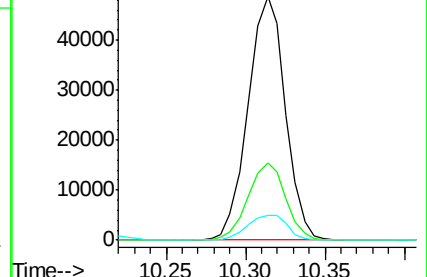
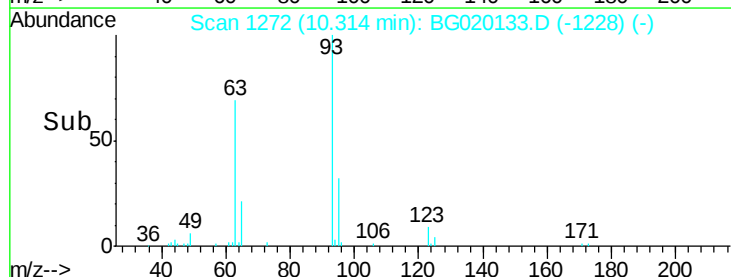
123 10.0 8.6 12.8

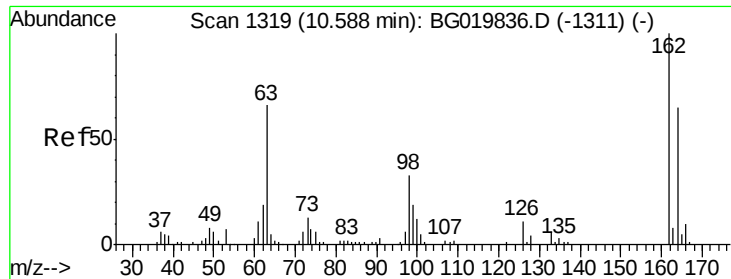


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

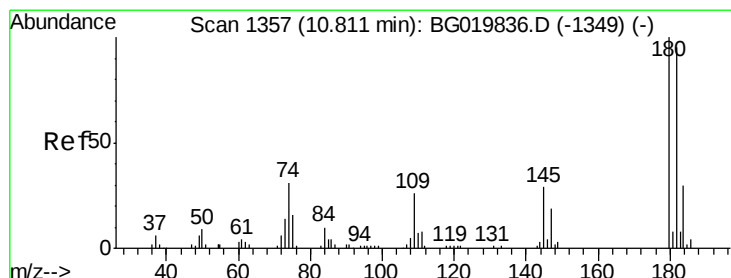
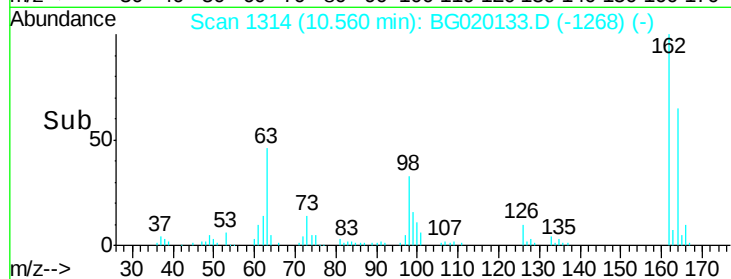
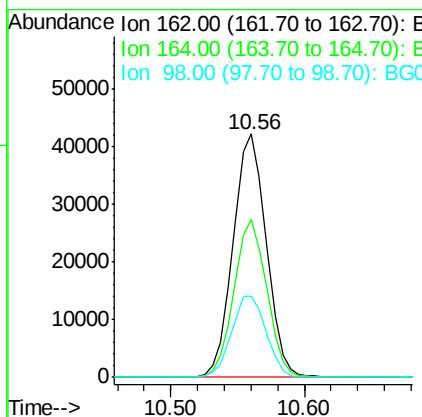
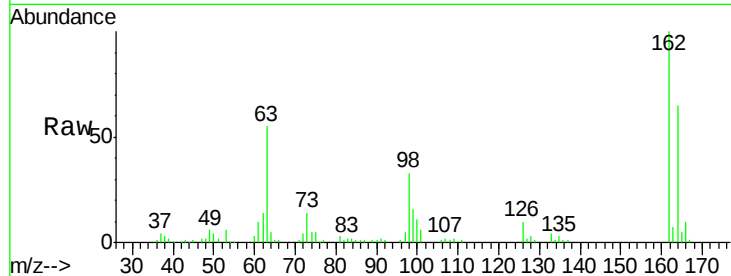




#29
 2,4-Dichlorophenol
 Concen: 47.81 ng
 RT: 10.56 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

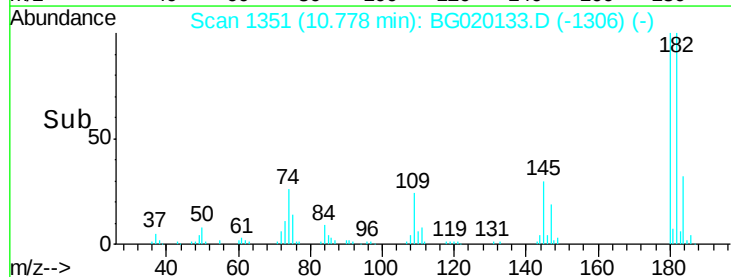
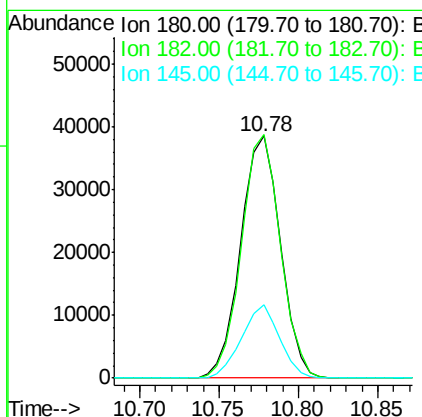
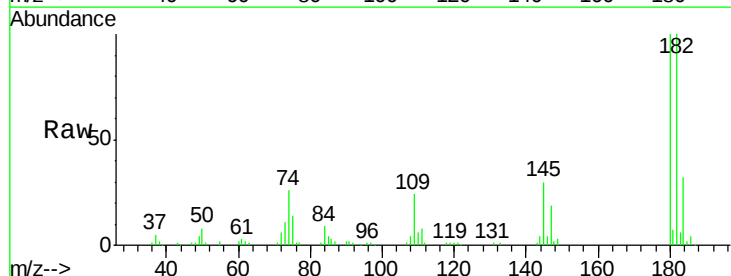
Instrument :
 BNA_G
 ClientSampled :
 PB87240BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.3	82.3
98	33.0	11.5	51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.11 ng
 RT: 10.78 min Scan# 1351
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.5	79.7	119.5
145	30.4	22.0	33.0

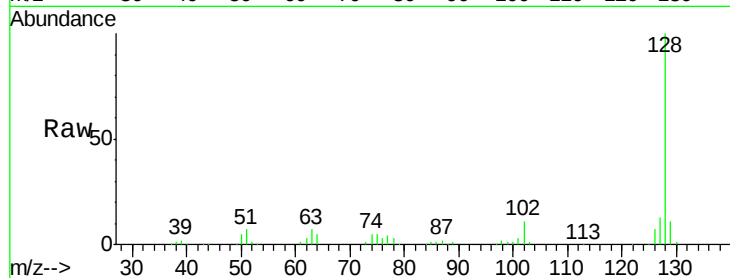




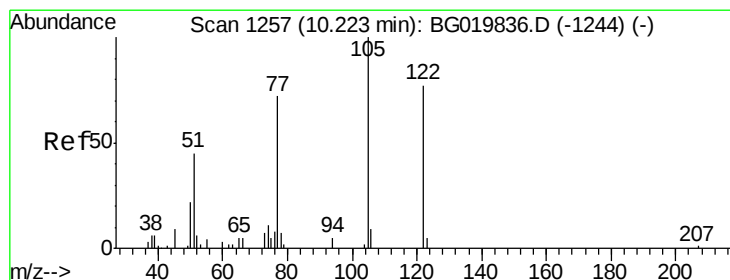
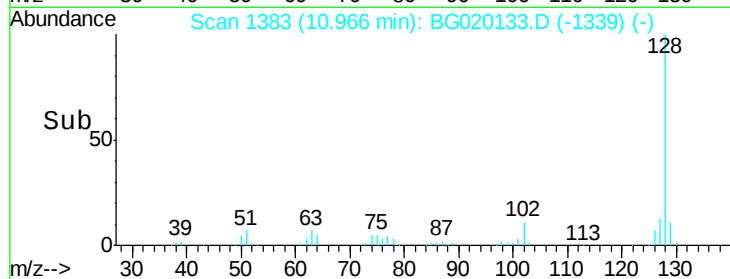
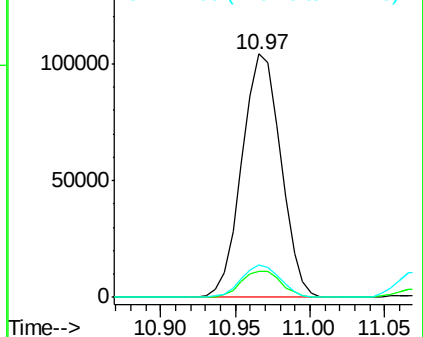
#31
Naphthalene
Concen: 40.45 ng
RT: 10.97 min Scan# 1383
Delta R.T. -0.04 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Instrument :
BNA_G
ClientSampleId :
PB87240BS

Tgt Ion:128 Resp: 188492
Ion Ratio Lower Upper
128 100
129 10.7 8.5 12.7
127 13.1 10.6 16.0

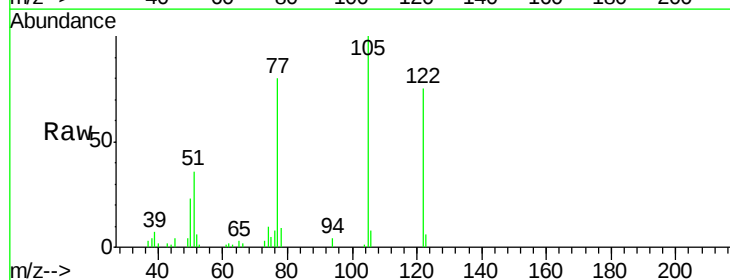


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

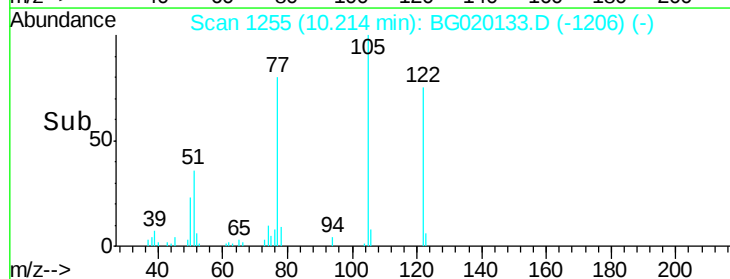
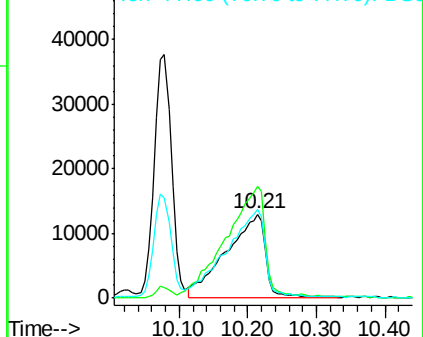


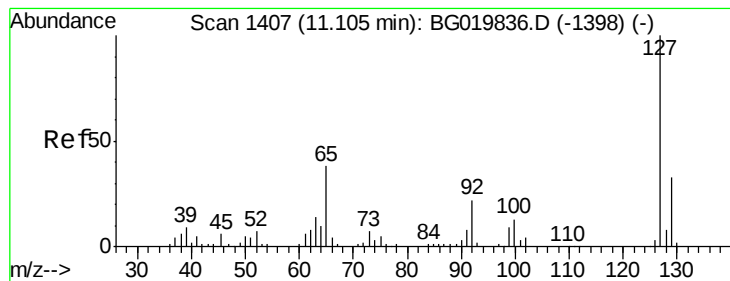
#32
Benzoic acid
Concen: 51.95 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Tgt Ion:122 Resp: 52631
Ion Ratio Lower Upper
122 100
105 133.2 103.8 143.8
77 106.9 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: 9.74 ng

RT: 11.07 min Scan# 1401

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

Tgt Ion:127 Resp: 20003

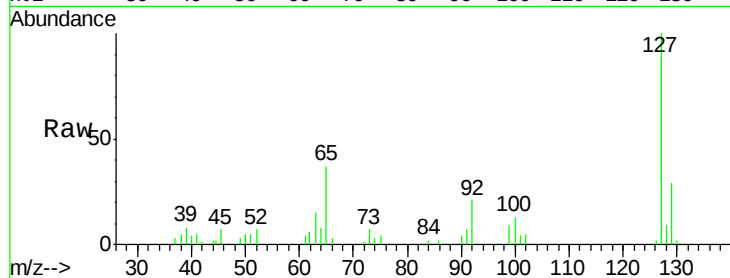
Ion Ratio Lower Upper

127 100

129 29.5 24.6 37.0

65 36.6 22.6 33.8#

92 20.5 15.1 22.7

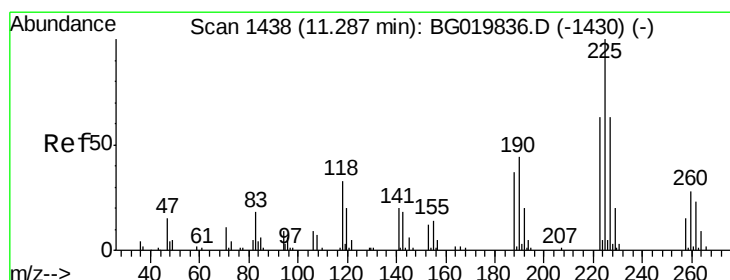
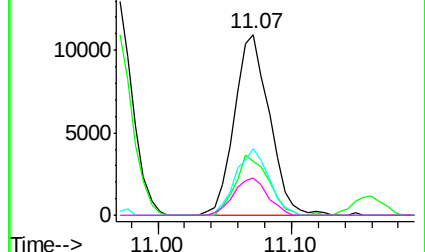
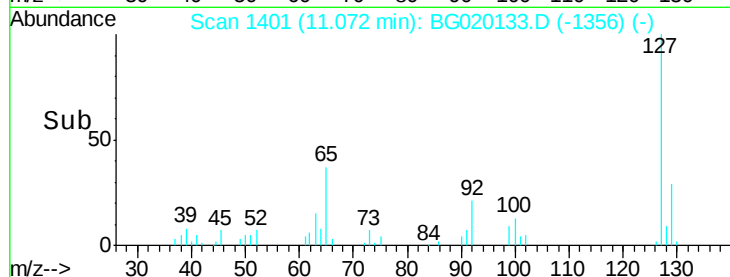


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34

Hexachlorobutadiene

Concen: 38.36 ng

RT: 11.25 min Scan# 1431

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

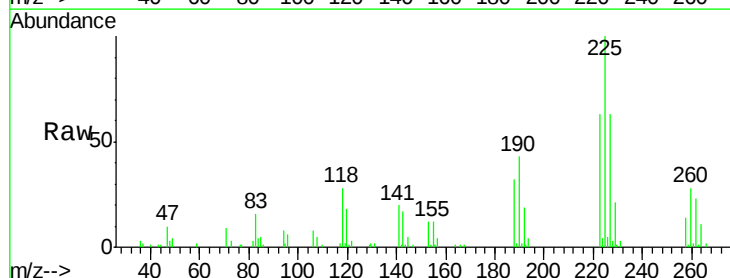
Tgt Ion:225 Resp: 48575

Ion Ratio Lower Upper

225 100

223 59.7 51.0 76.4

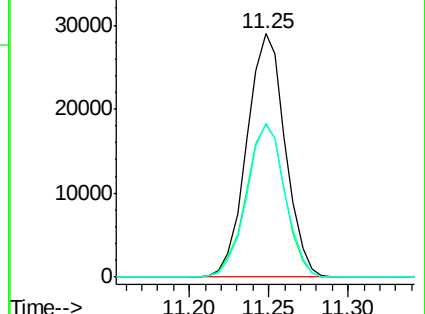
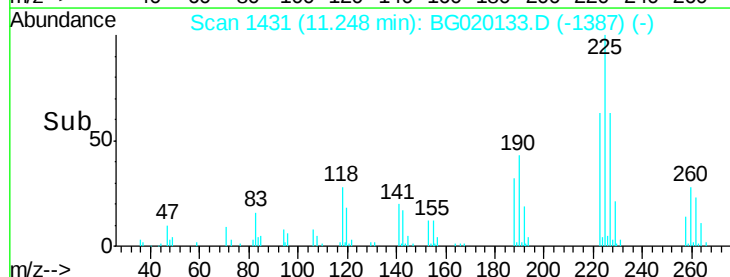
227 60.2 51.8 77.8

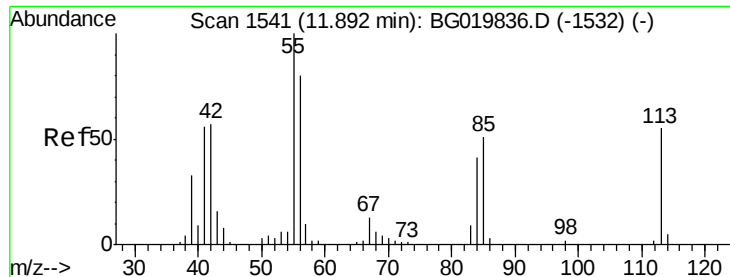


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 28.96 ng

RT: 11.85 min Scan# 1533

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

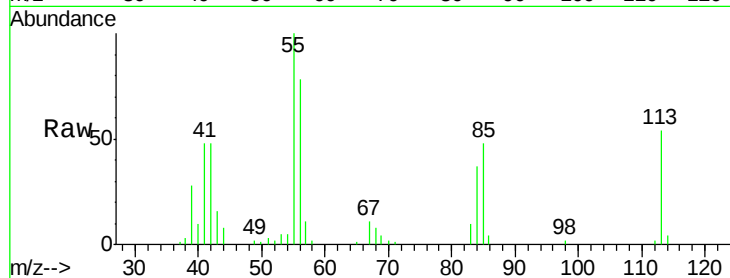
Tgt Ion:113 Resp: 16375

Ion Ratio Lower Upper

113 100

55 186.1 135.0 175.0#

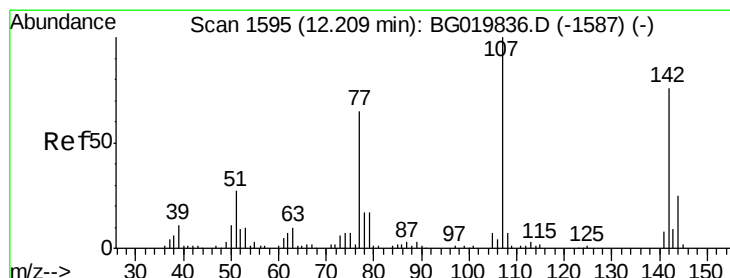
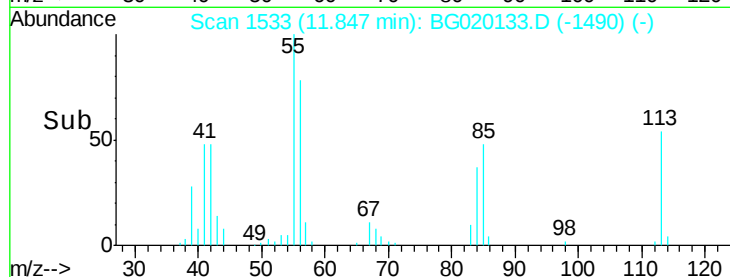
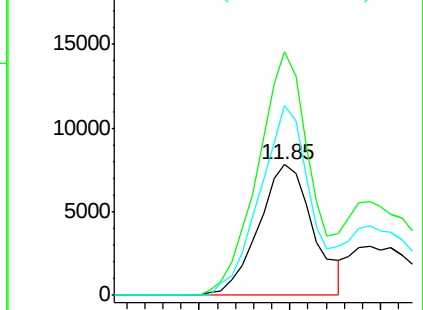
56 144.6 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.75 ng

RT: 12.19 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

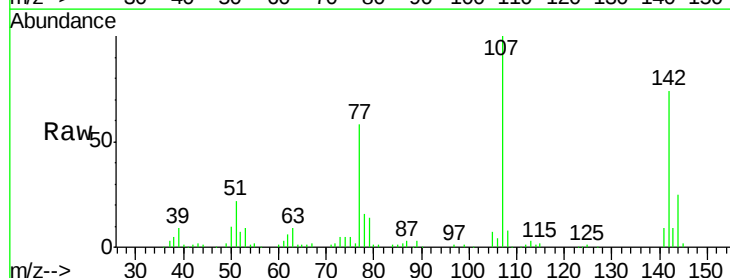
Tgt Ion:107 Resp: 82772

Ion Ratio Lower Upper

107 100

144 24.5 20.6 31.0

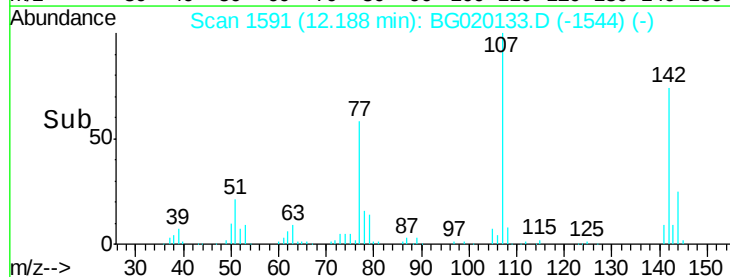
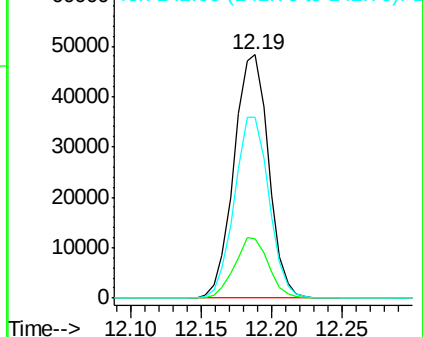
142 74.3 62.6 93.8

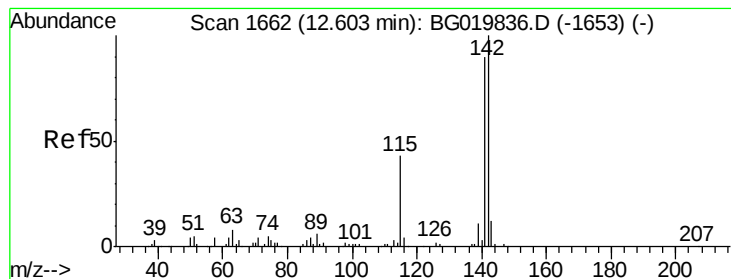


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 42.73 ng

RT: 12.56 min Scan# 1655

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

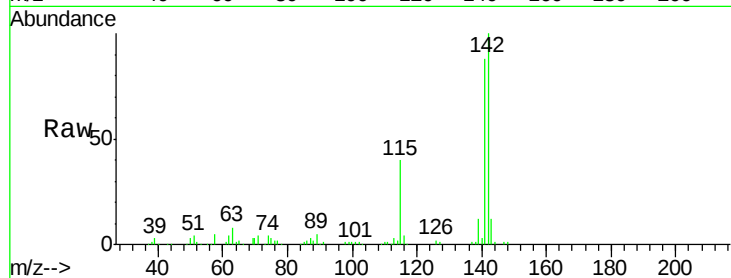
Tgt Ion:142 Resp: 145928

Ion Ratio Lower Upper

142 100

141 88.0 74.6 112.0

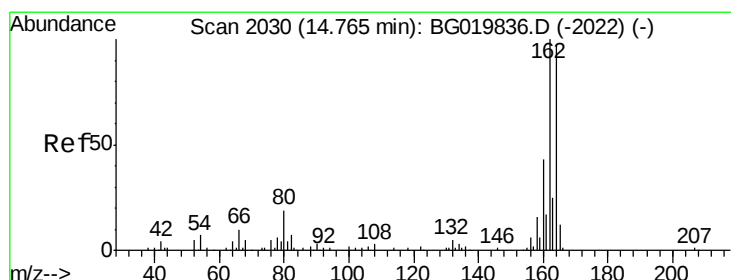
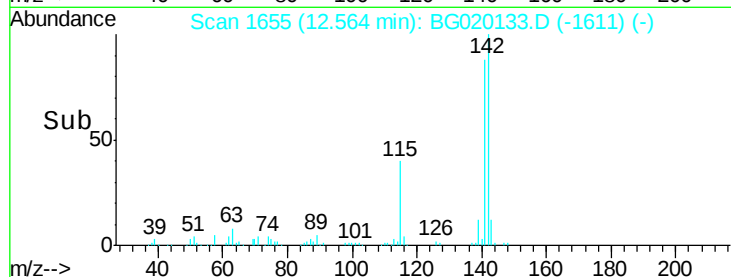
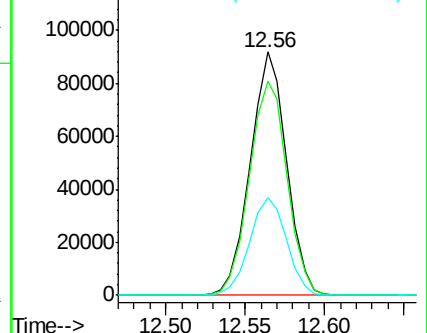
115 40.2 27.4 41.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.73 min Scan# 2023

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

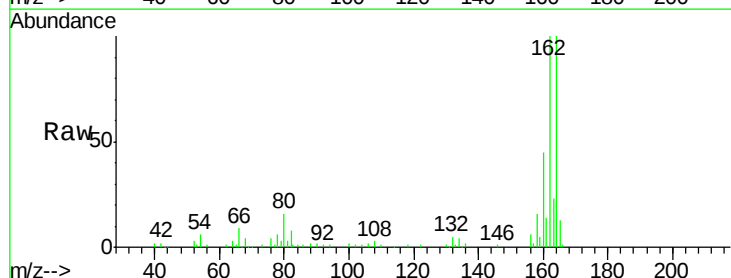
Tgt Ion:164 Resp: 65862

Ion Ratio Lower Upper

164 100

162 100.3 78.8 118.2

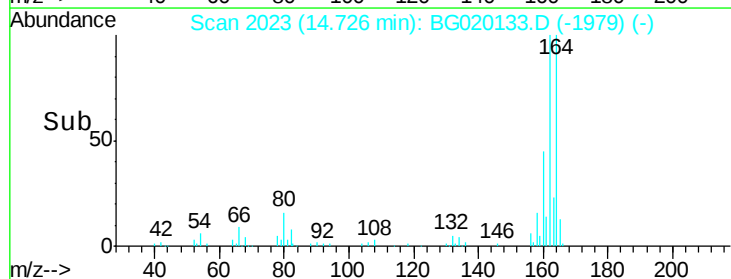
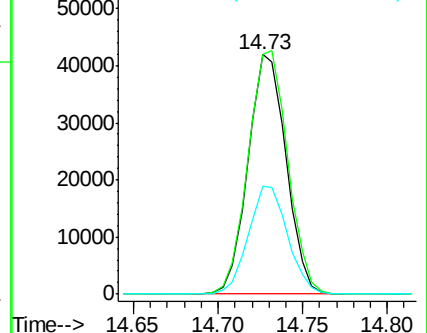
160 44.9 36.4 54.6

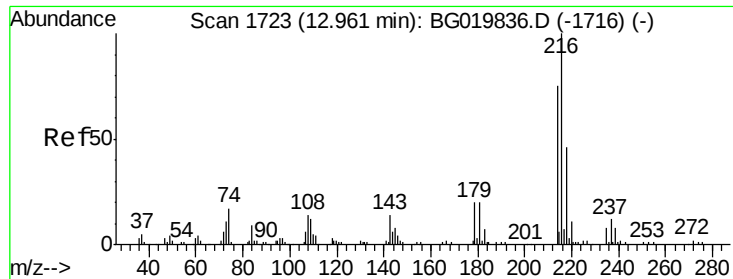


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.50 ng

RT: 12.93 min Scan# 1717

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

Tgt Ion:216 Resp: 96236

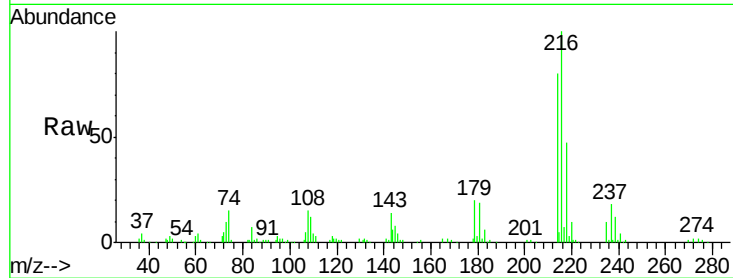
Ion Ratio Lower Upper

216 100

214 79.1 62.5 93.7

179 19.1 15.6 23.4

108 17.6 13.3 19.9

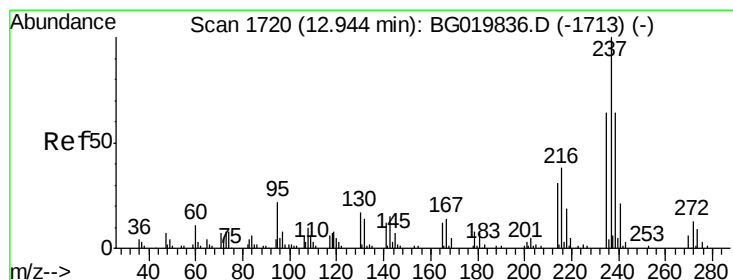
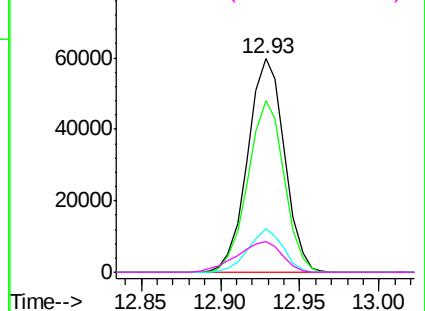
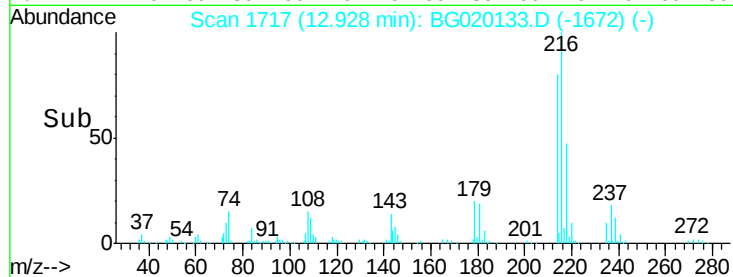


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.36 ng

RT: 12.91 min Scan# 1714

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

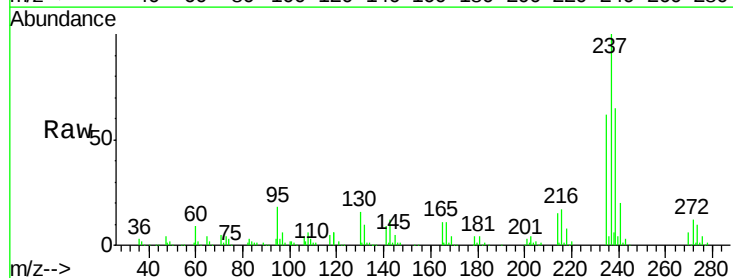
Tgt Ion:237 Resp: 125928

Ion Ratio Lower Upper

237 100

235 62.0 44.6 84.6

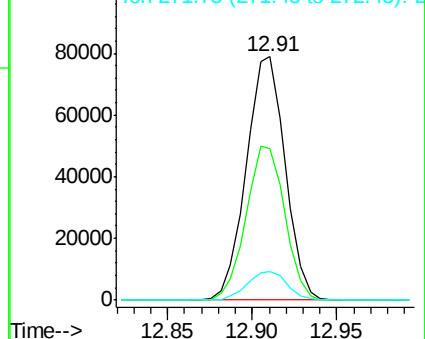
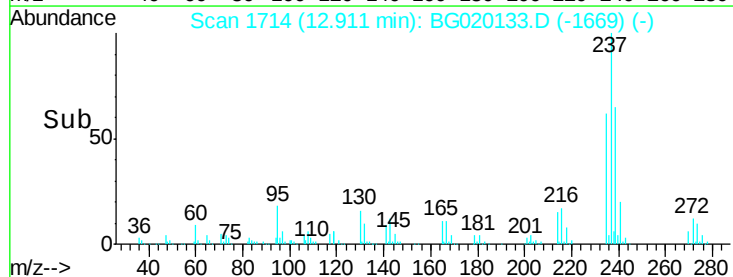
272 11.7 0.0 32.8



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

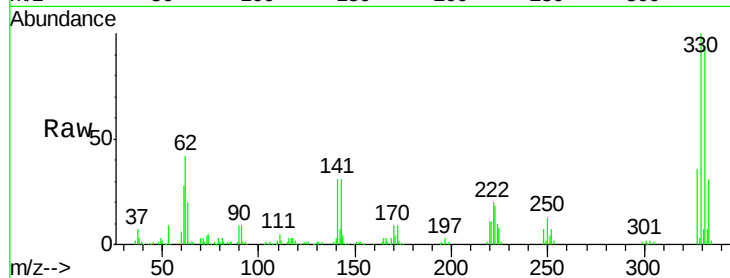




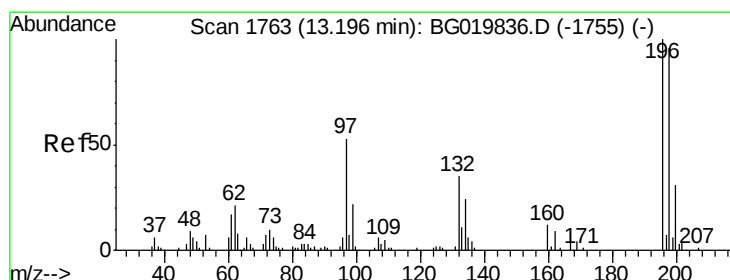
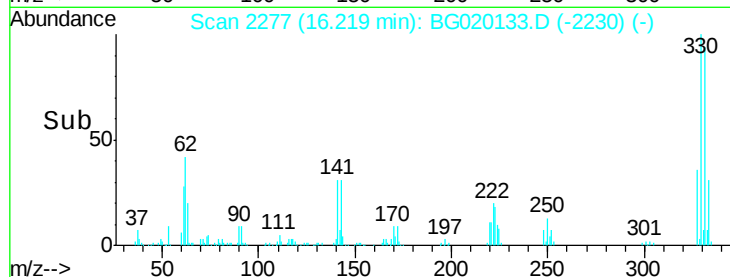
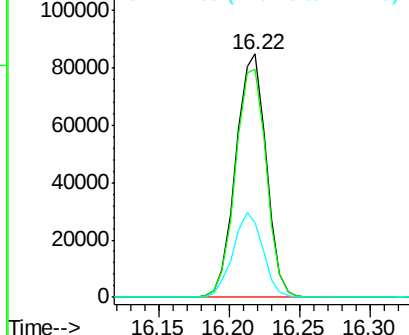
#41
 2,4,6-Tribromophenol
 Concen: 126.39 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	34.3	28.2	42.2

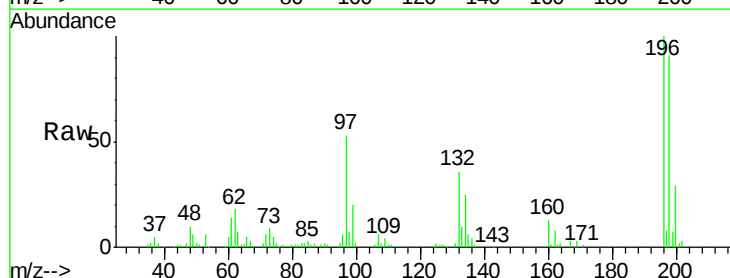


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

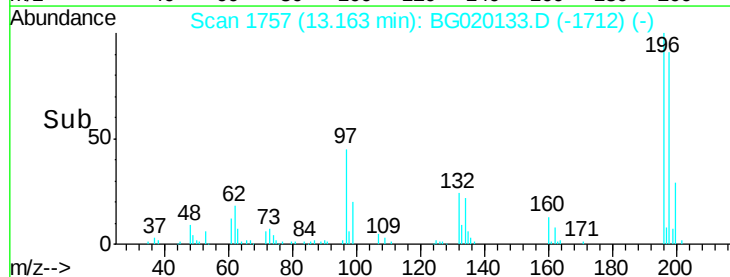
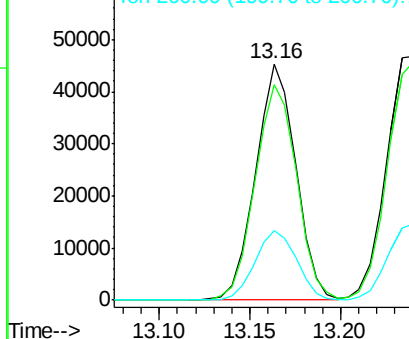


#42
 2,4,6-Trichlorophenol
 Concen: 42.09 ng
 RT: 13.16 min Scan# 1757
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.2	74.7	112.1
200	29.2	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

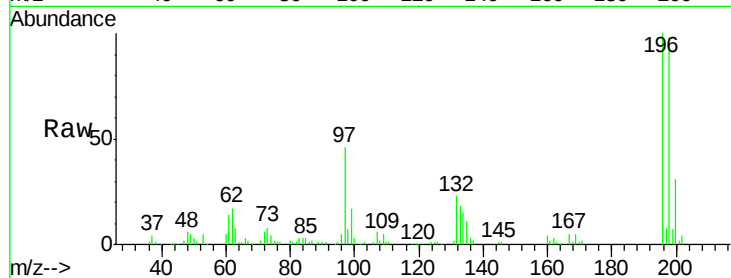




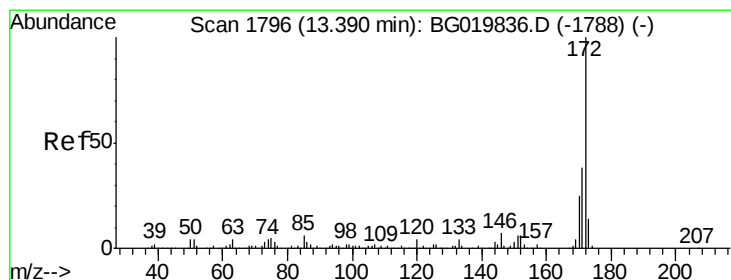
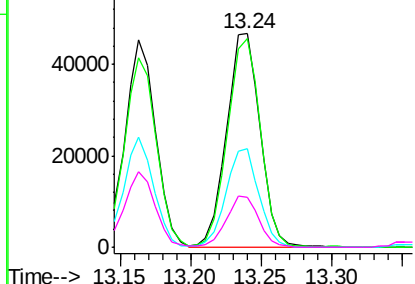
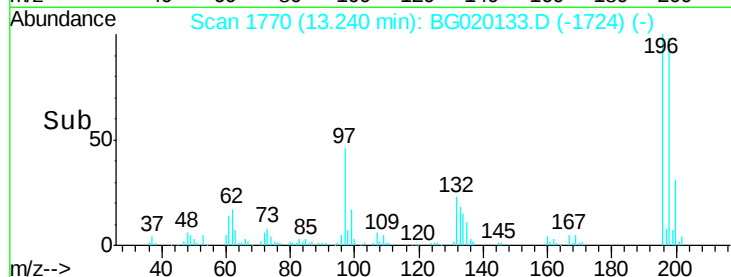
#43
 2,4,5-Trichlorophenol
 Concen: 44.27 ng
 RT: 13.24 min Scan# 1770
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Tgt Ion:196 Resp: 77419
 Ion Ratio Lower Upper
 196 100
 198 97.7 75.2 112.8
 97 46.3 34.2 51.2
 132 23.4 21.8 32.6

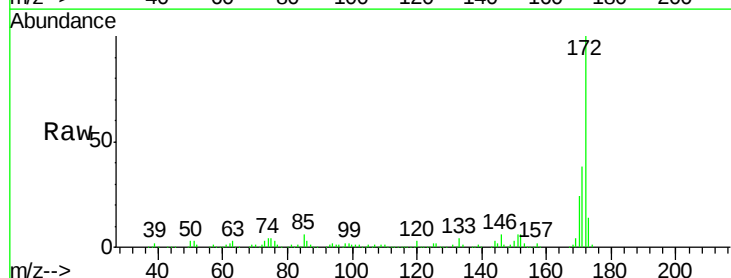


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

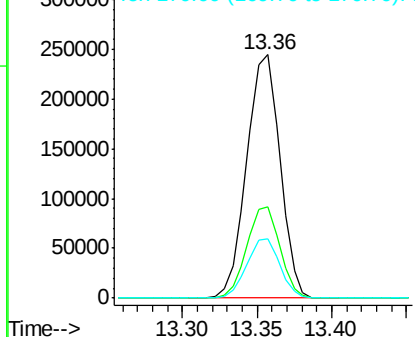
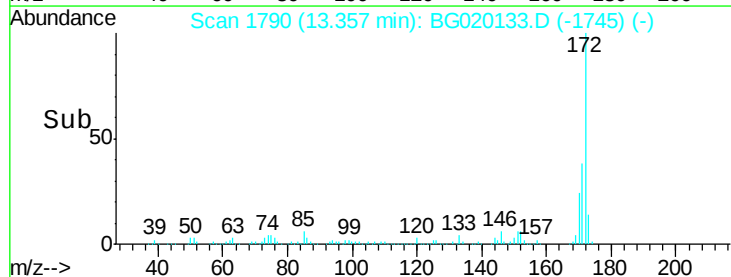


#44
 2-Fluorobiphenyl
 Concen: 78.11 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion:172 Resp: 376796
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.0 43.6
 170 24.2 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

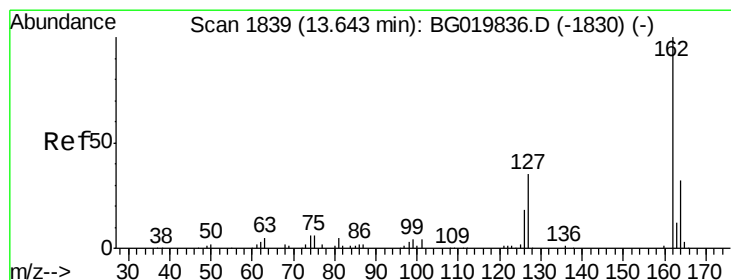
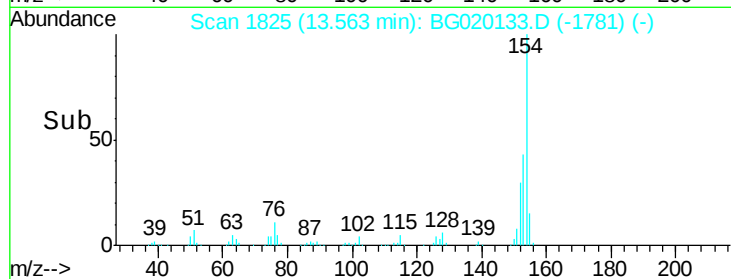
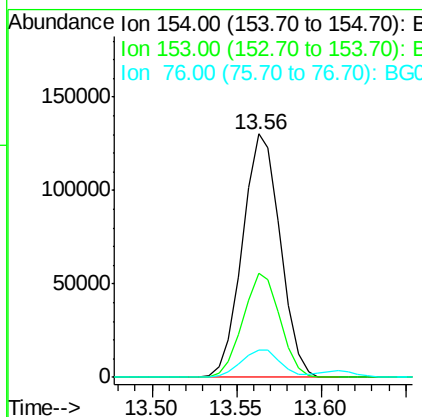
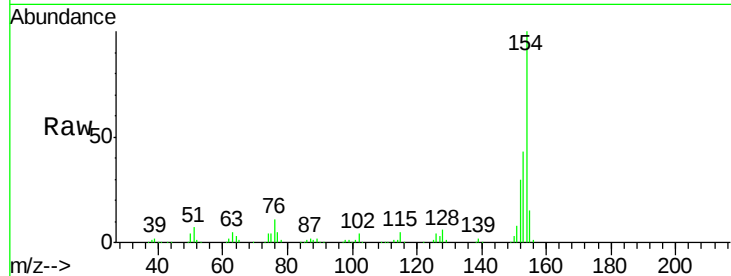




#45
 1,1'-Biphenyl
 Concen: 37.44 ng
 RT: 13.56 min Scan# 1825
 Delta R.T. -0.04 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

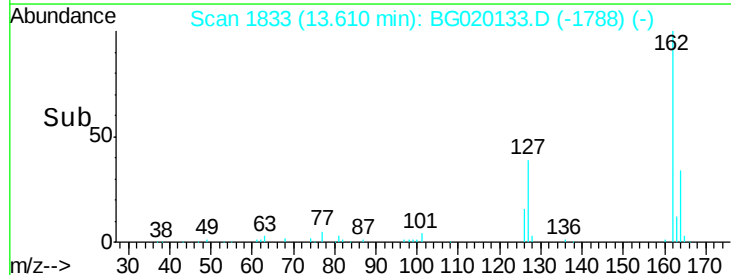
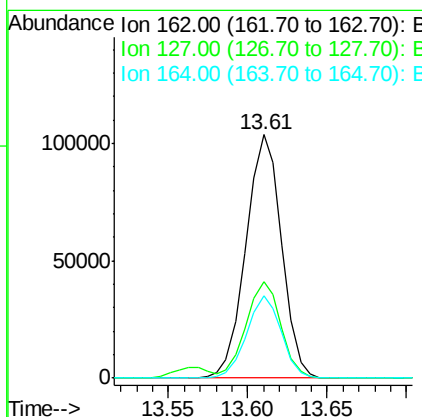
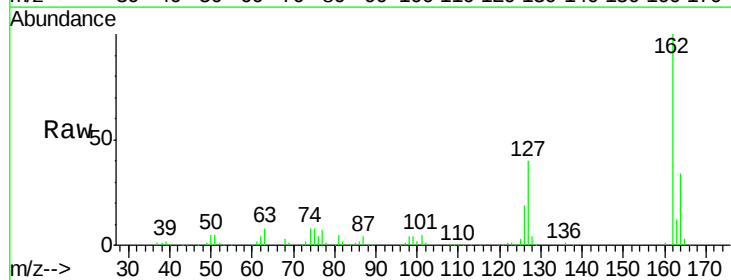
Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

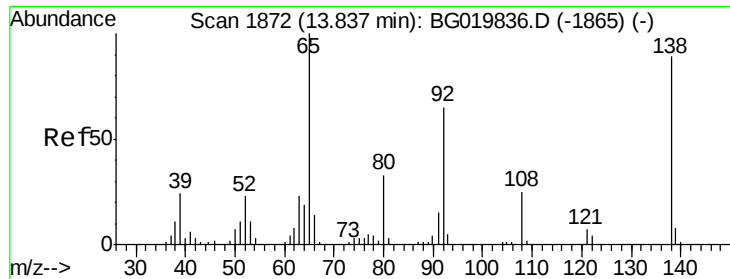
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	21.9	61.9
76	11.4	0.0	33.2



#46
 2-Chloronaphthalene
 Concen: 38.89 ng
 RT: 13.61 min Scan# 1833
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	28.3	42.5
164	34.1	27.4	41.0

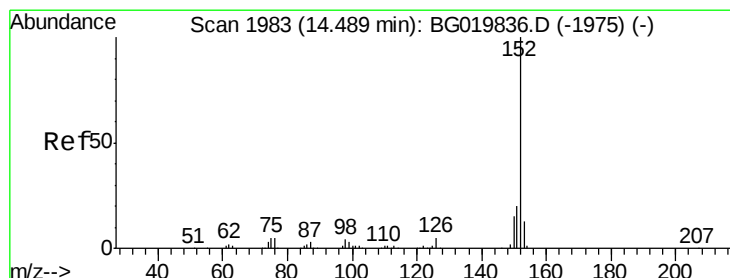
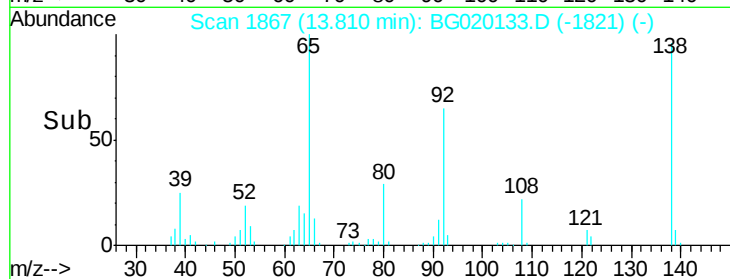
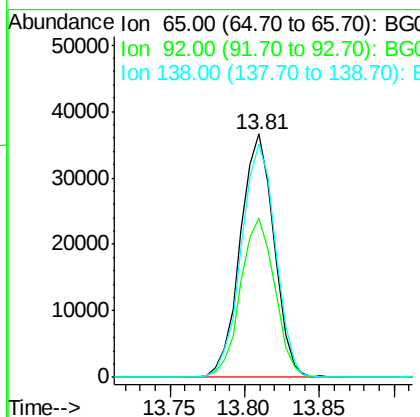
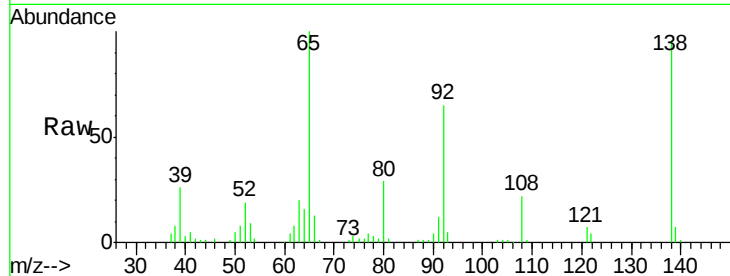




#47
2-Nitroaniline
Concen: 43.47 ng
RT: 13.81 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

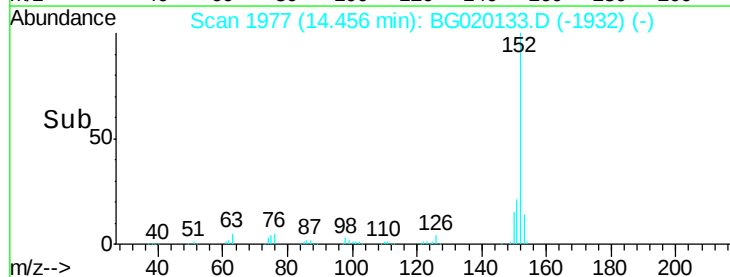
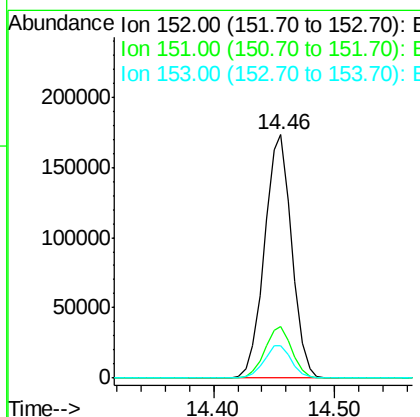
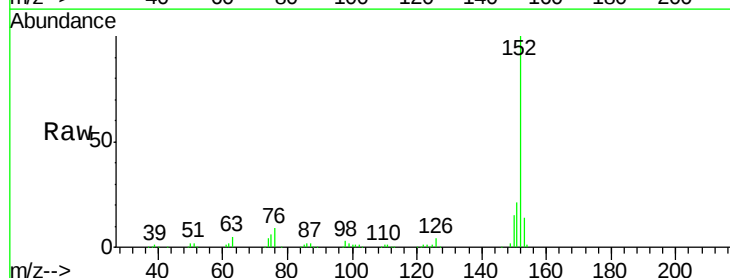
Instrument :
BNA_G
ClientSampleId :
PB87240BS

Tgt Ion: 65 Resp: 57205
Ion Ratio Lower Upper
65 100
92 65.4 54.8 82.2
138 95.8 89.6 134.4



#48
Acenaphthylene
Concen: 38.24 ng
RT: 14.46 min Scan# 1977
Delta R.T. -0.03 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Tgt Ion: 152 Resp: 271337
Ion Ratio Lower Upper
152 100
151 21.0 17.0 25.4
153 13.5 10.4 15.6





#49

Dimethylphthalate

Concen: 38.58 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

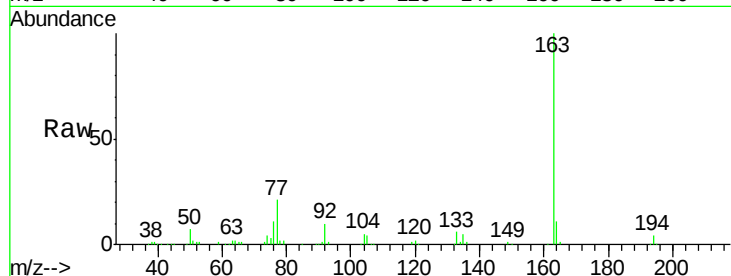
Tgt Ion:163 Resp: 228564

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

164 10.9 8.8 13.2

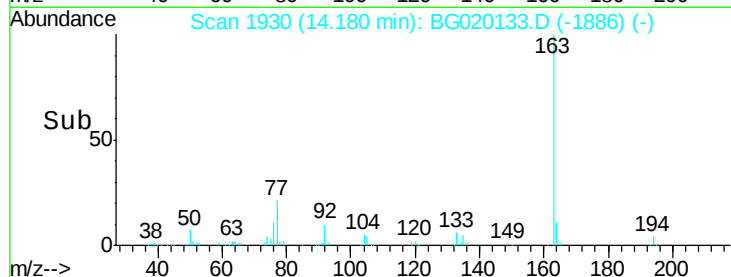


Abundance Ion 163.00 (162.70 to 163.70): E

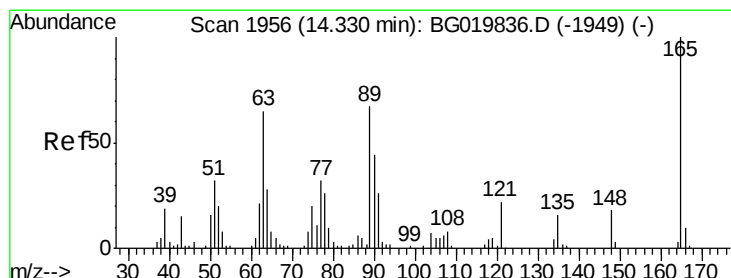
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#50

2,6-Dinitrotoluene

Concen: 45.57 ng

RT: 14.30 min Scan# 1951

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

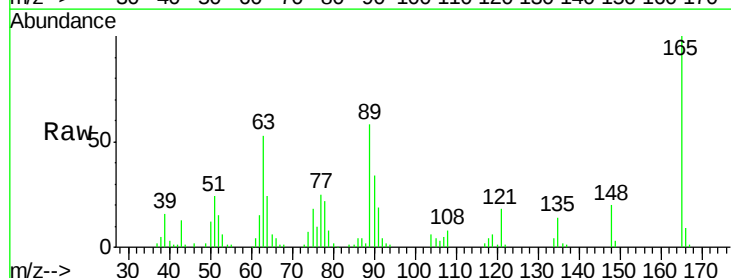
Tgt Ion:165 Resp: 50759

Ion Ratio Lower Upper

165 100

63 52.5 35.7 53.5

89 58.2 39.7 59.5

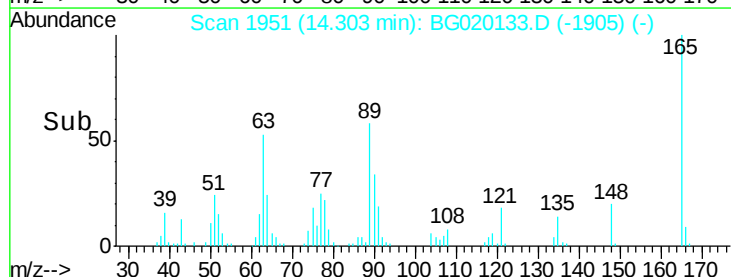


Abundance Ion 165.00 (164.70 to 165.70): E

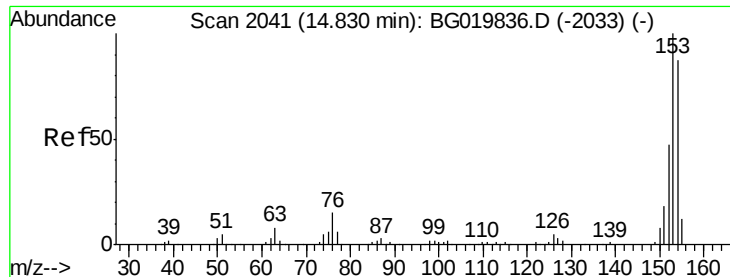
Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Time-->



Time-->



#51

Acenaphthene

Concen: 37.11 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

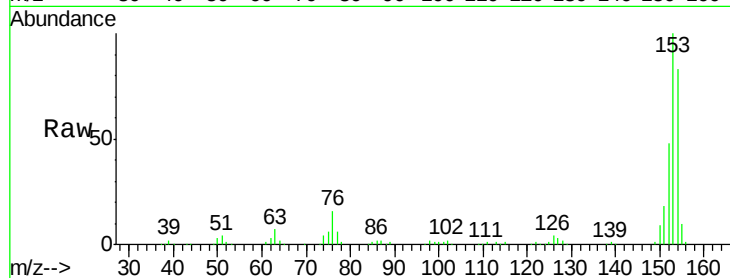
Tgt Ion:154 Resp: 159798

Ion Ratio Lower Upper

154 100

153 120.7 92.9 139.3

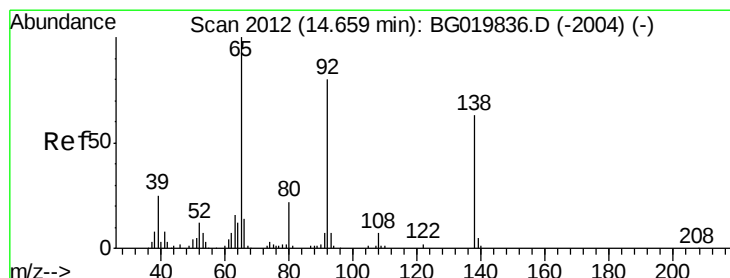
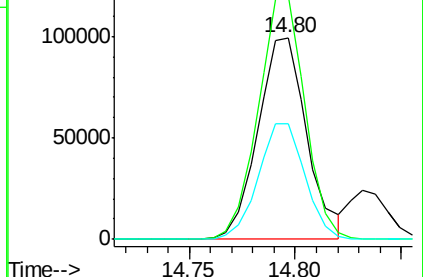
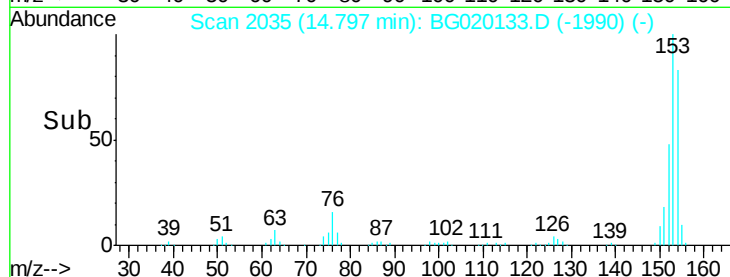
152 57.5 45.8 68.8



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: 20.53 ng

RT: 14.63 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

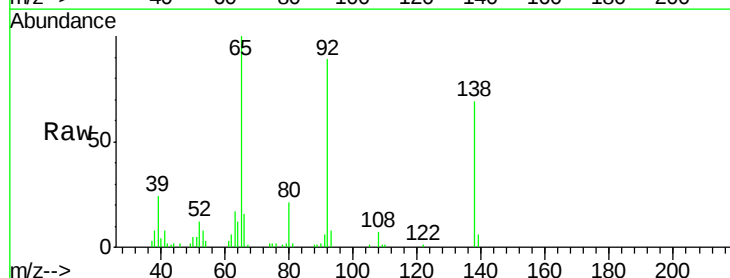
Tgt Ion:138 Resp: 23761

Ion Ratio Lower Upper

138 100

108 10.4 7.9 11.9

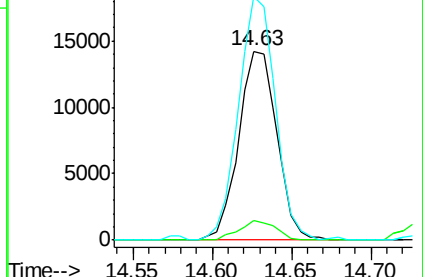
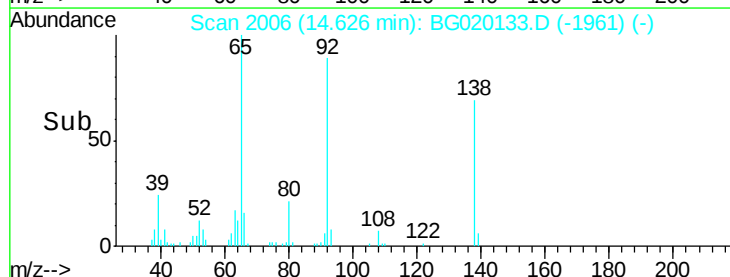
92 128.8 94.2 141.4

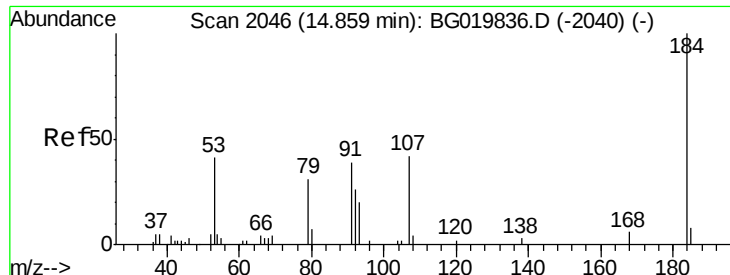


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

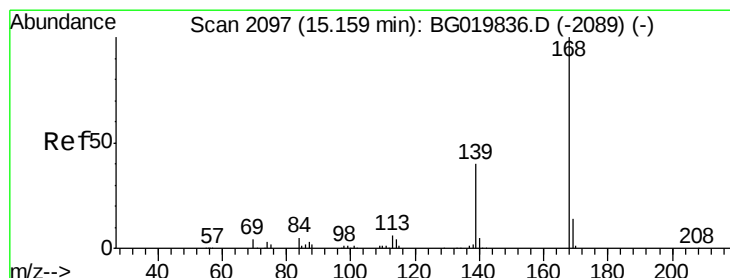
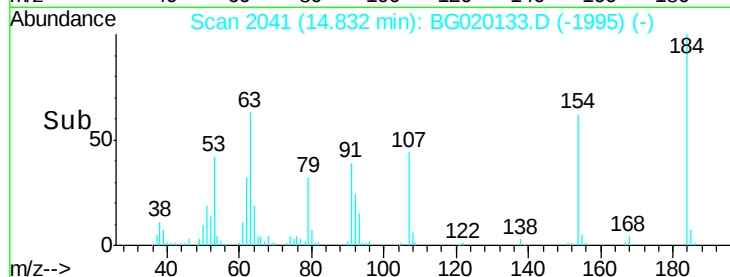
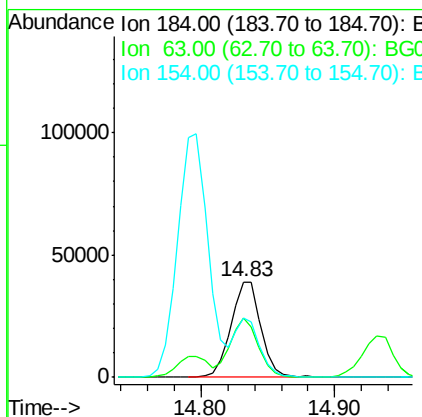
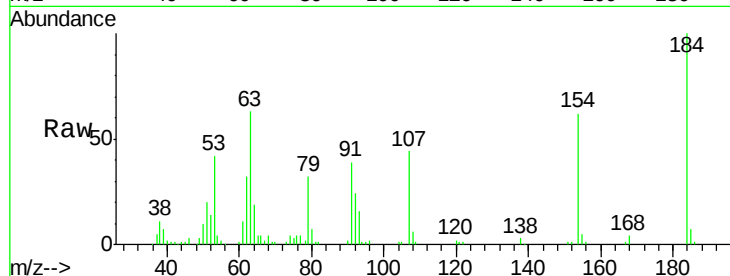




#53
 2,4-Dinitrophenol
 Concen: 100.72 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

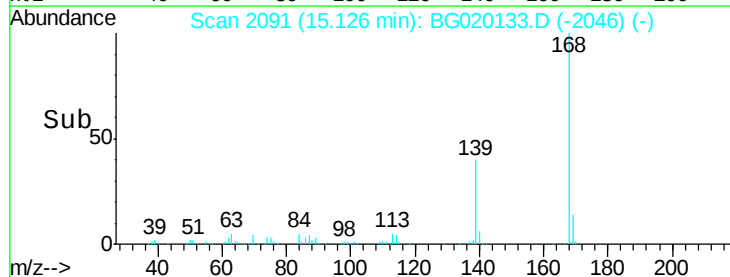
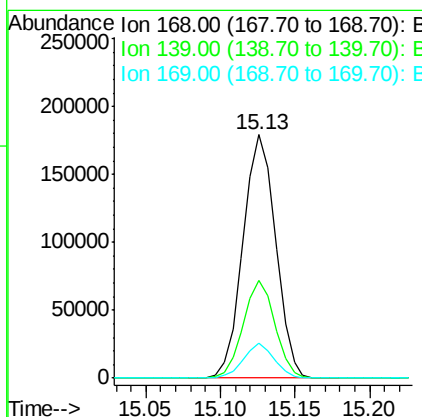
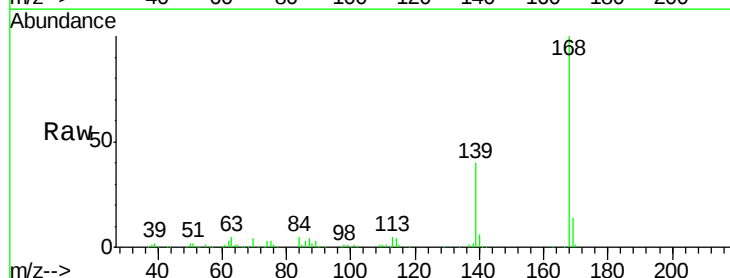
Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

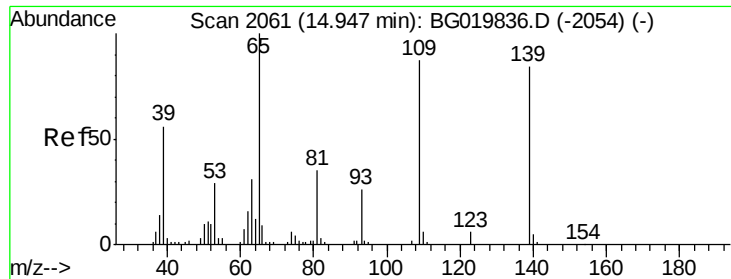
Tgt Ion:184 Resp: 61312
 Ion Ratio Lower Upper
 184 100
 63 62.6 42.7 64.1
 154 62.3 44.3 66.5



#54
 Dibenzofuran
 Concen: 42.37 ng
 RT: 15.13 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion:168 Resp: 271433
 Ion Ratio Lower Upper
 168 100
 139 40.2 27.4 41.0
 169 14.2 11.0 16.4





#55

4-Nitrophenol

Concen: 80.20 ng

RT: 14.93 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

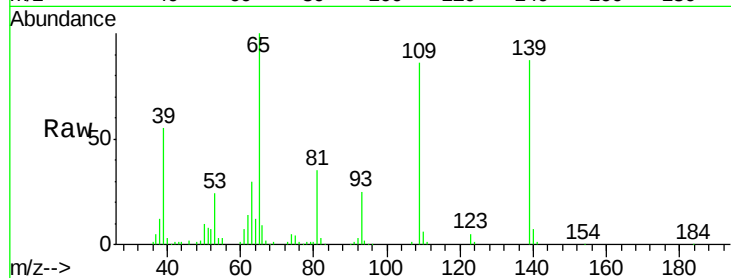
Tgt Ion:139 Resp: 80833

Ion Ratio Lower Upper

139 100

109 98.5 43.2 83.2#

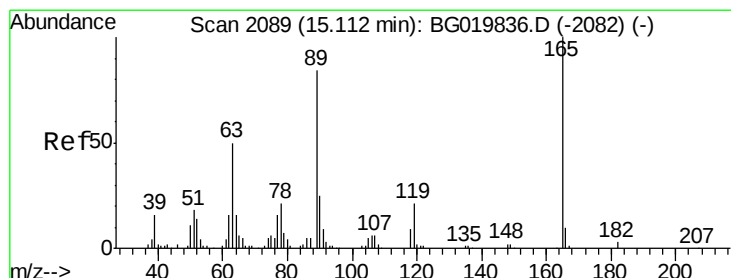
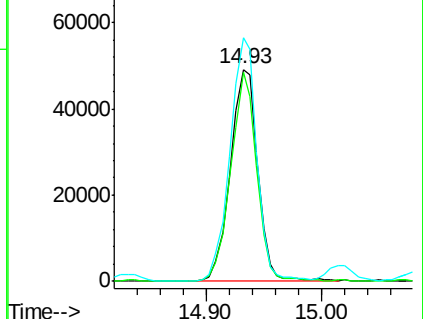
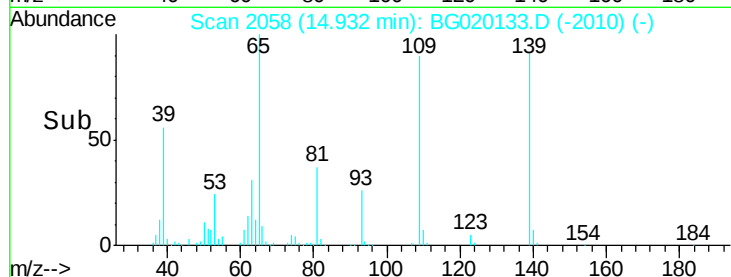
65 114.9 67.8 107.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 46.51 ng

RT: 15.08 min Scan# 2084

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Tgt Ion:165 Resp: 72279

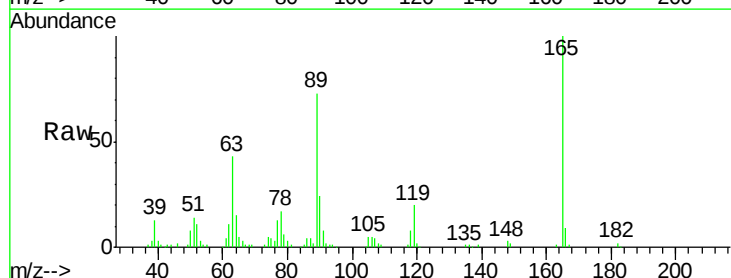
Ion Ratio Lower Upper

165 100

63 42.6 31.0 46.4

89 72.6 54.4 81.6

182 2.3 1.6 2.4

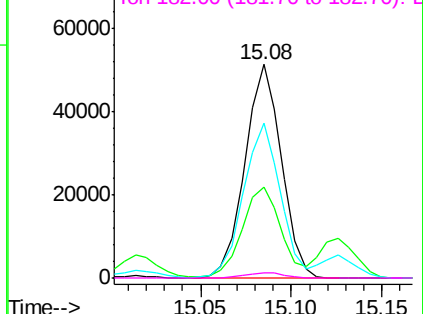
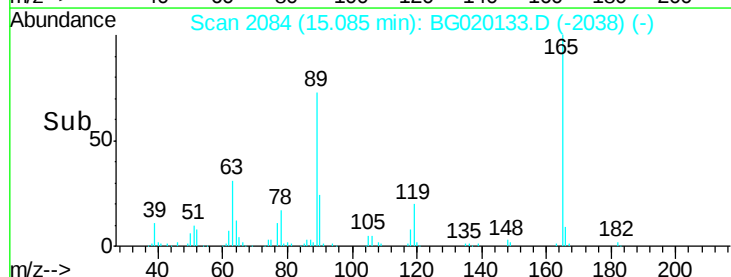


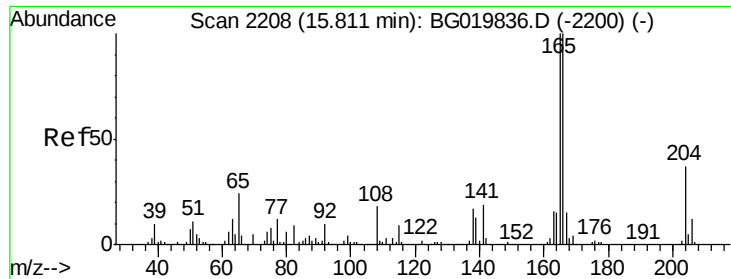
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

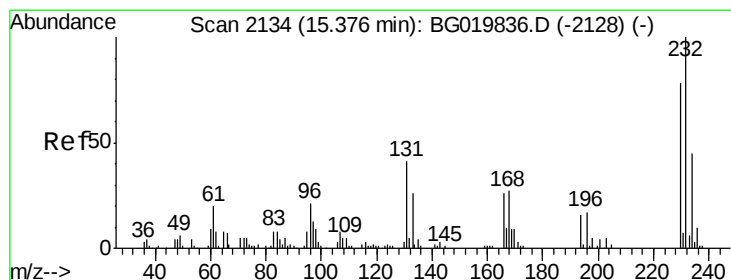
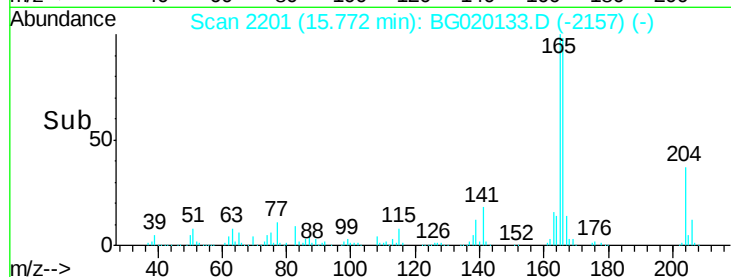
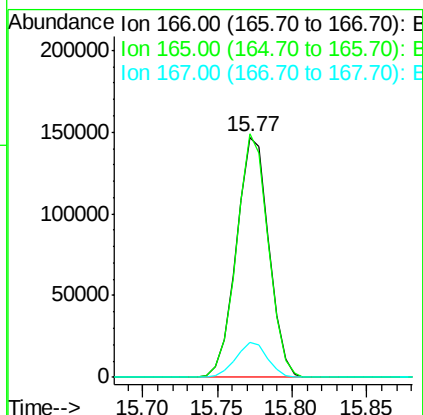
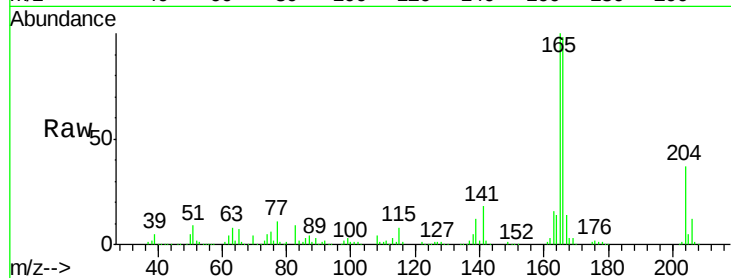




#57
 Fluorene
 Concen: 38.52 ng
 RT: 15.77 min Scan# 2201
 Delta R.T. -0.04 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

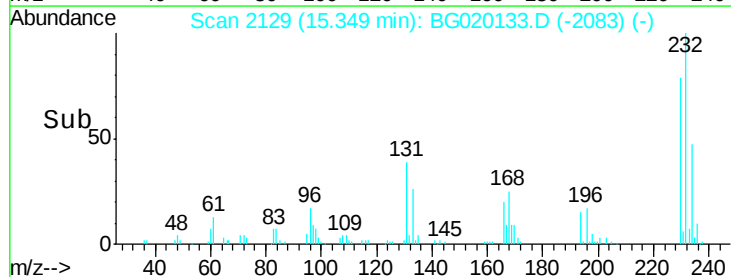
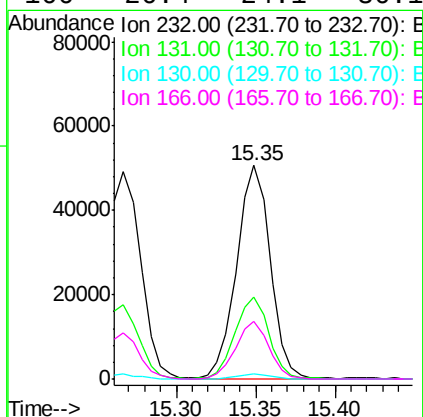
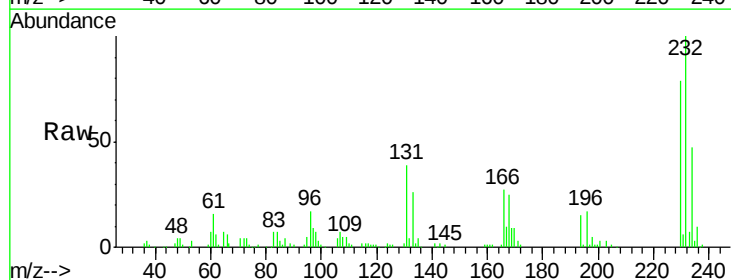
Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Tgt Ion:166 Resp: 220854
 Ion Ratio Lower Upper
 166 100
 165 101.5 80.0 120.0
 167 14.3 11.1 16.7



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.32 ng
 RT: 15.35 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion:232 Resp: 74977
 Ion Ratio Lower Upper
 232 100
 131 38.6 33.0 49.6
 130 2.1 2.0 3.0
 166 26.4 24.1 36.1





#59

Diethylphthalate

Concen: 36.39 ng

RT: 15.54 min Scan# 2161

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

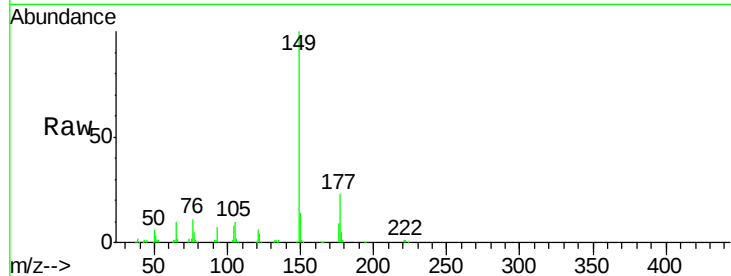
Tgt Ion:149 Resp: 233311

Ion Ratio Lower Upper

149 100

177 23.4 19.6 29.4

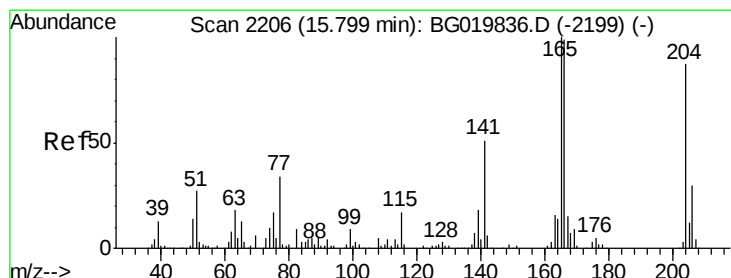
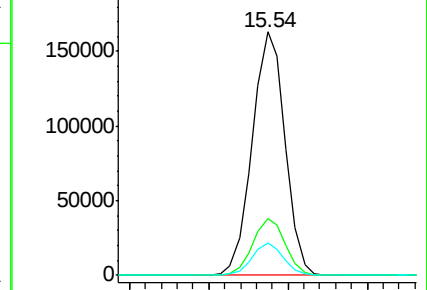
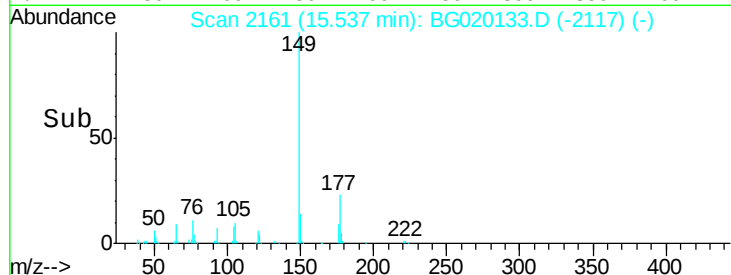
150 13.5 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.93 ng

RT: 15.76 min Scan# 2199

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

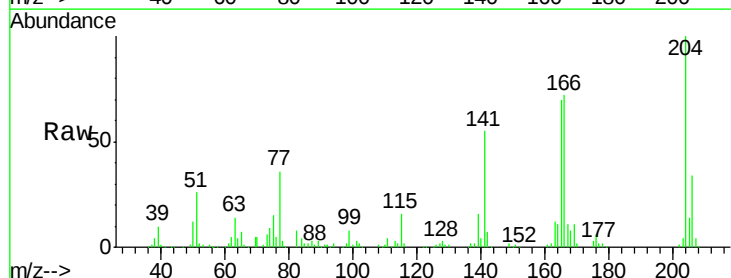
Tgt Ion:204 Resp: 124862

Ion Ratio Lower Upper

204 100

206 34.3 28.3 42.5

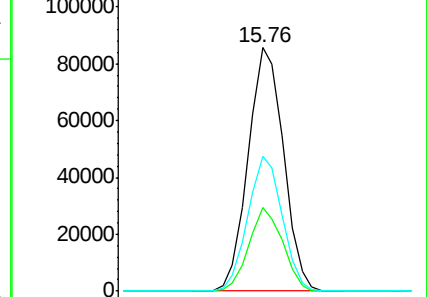
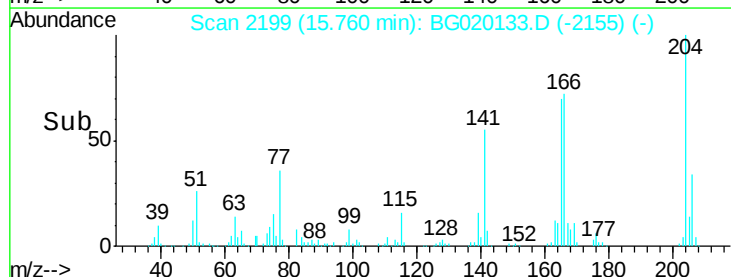
141 55.4 44.0 66.0

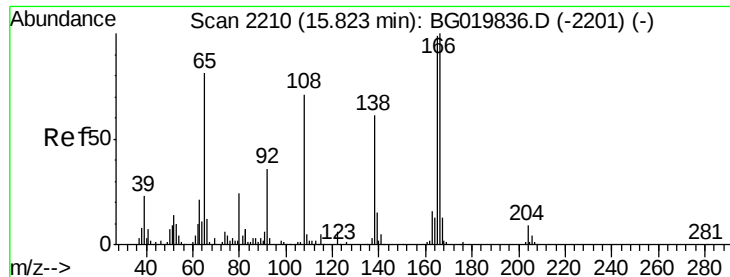


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

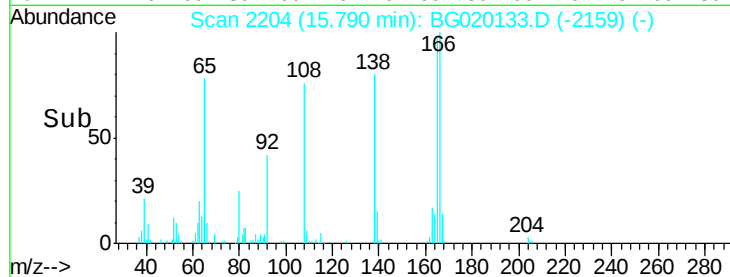
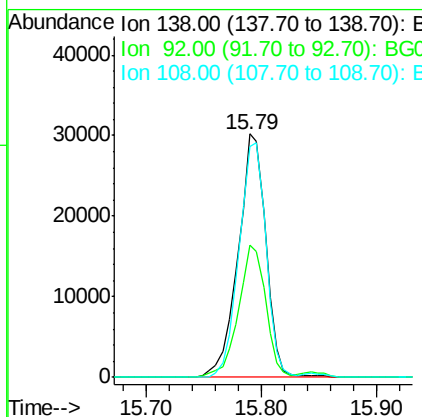
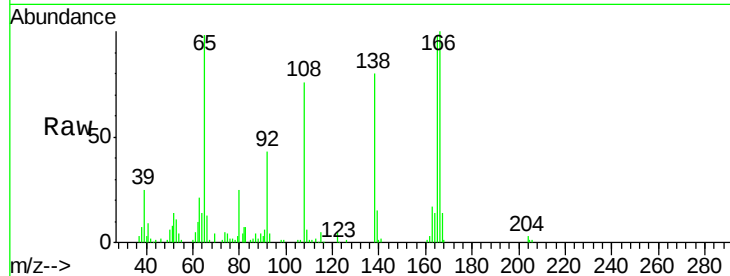




#61
4-Nitroaniline
Concen: 38.64 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.03 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

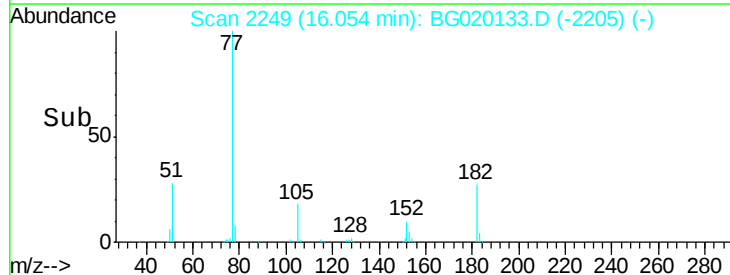
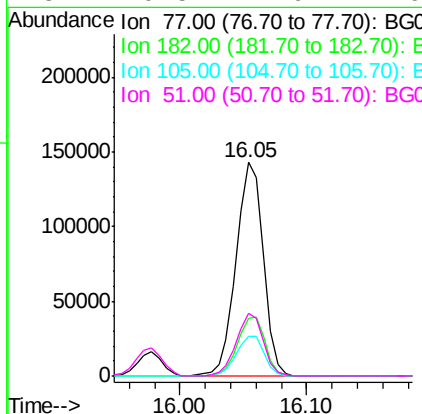
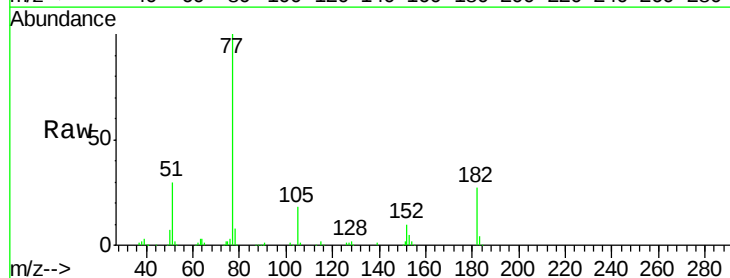
Instrument :
BNA_G
ClientSampleId :
PB87240BS

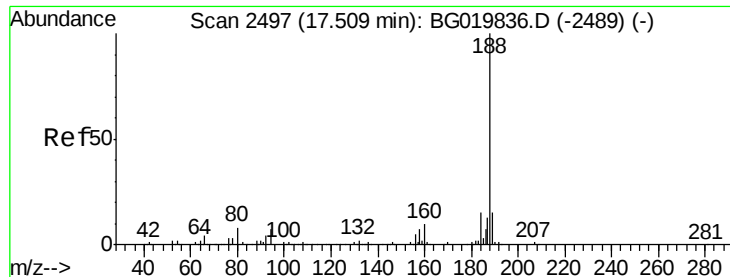
Tgt Ion: 138 Resp: 50290
Ion Ratio Lower Upper
138 100
92 54.3 29.1 69.1
108 95.0 49.8 89.8#



#62
Azobenzene
Concen: 39.61 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.04 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Tgt Ion: 77 Resp: 211314
Ion Ratio Lower Upper
77 100
182 27.2 7.0 47.0
105 18.5 1.4 41.4
51 29.5 4.9 44.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2490

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

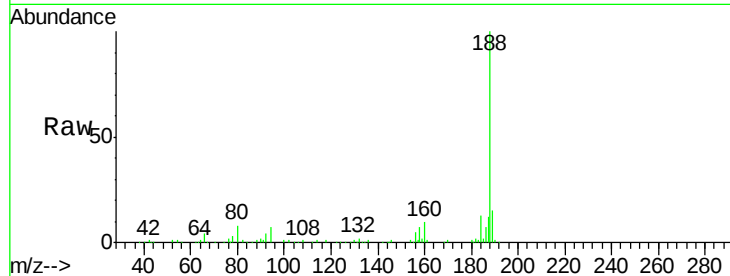
Tgt Ion:188 Resp: 163950

Ion Ratio Lower Upper

188 100

94 6.8 7.7 11.5#

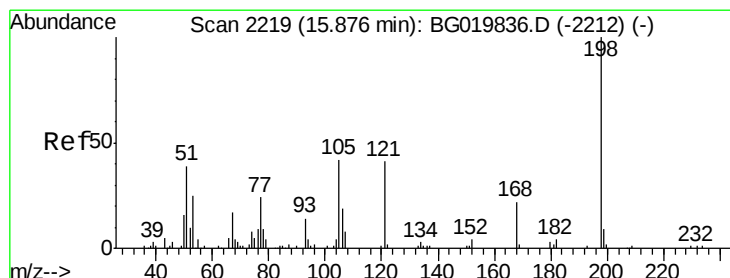
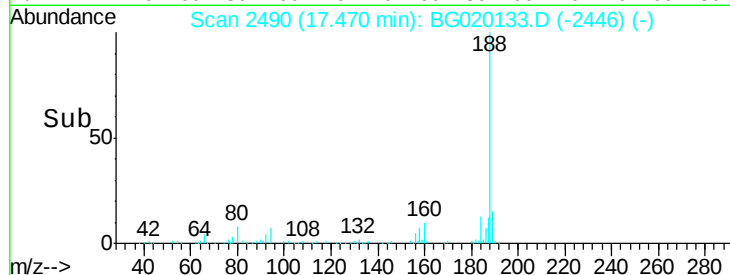
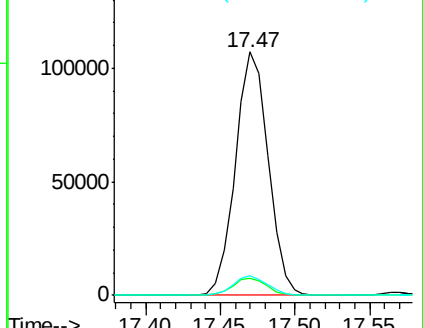
80 8.2 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 47.86 ng

RT: 15.84 min Scan# 2213

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

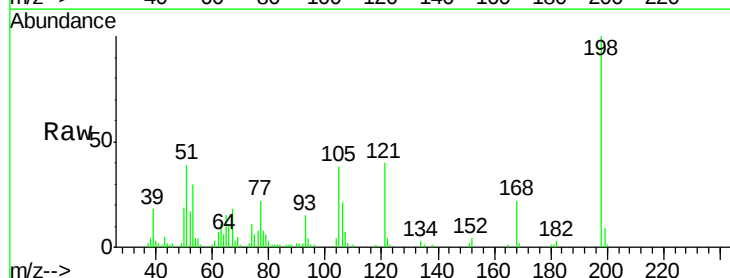
Tgt Ion:198 Resp: 44063

Ion Ratio Lower Upper

198 100

51 39.2 14.2 54.2

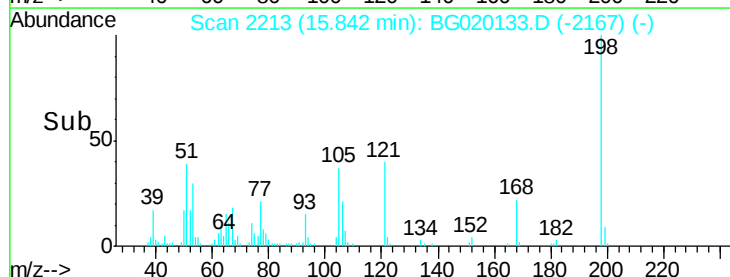
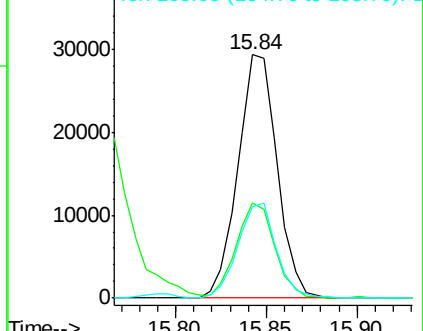
105 37.6 21.1 61.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

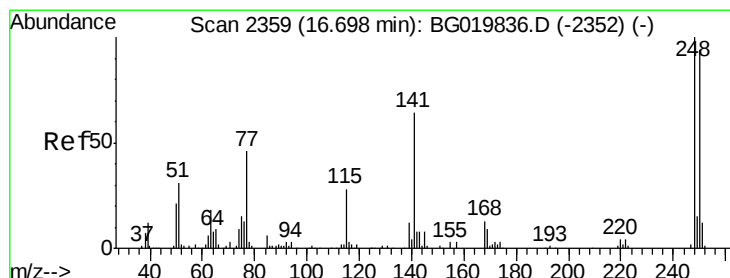
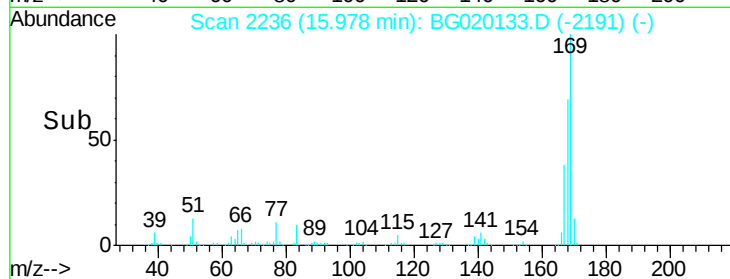
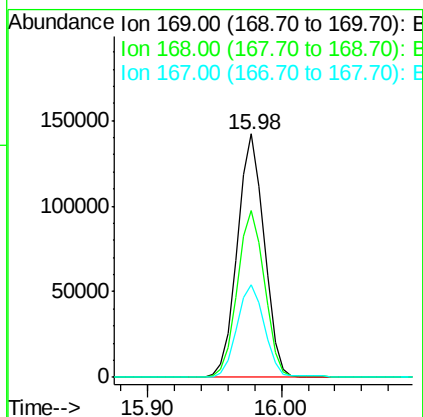
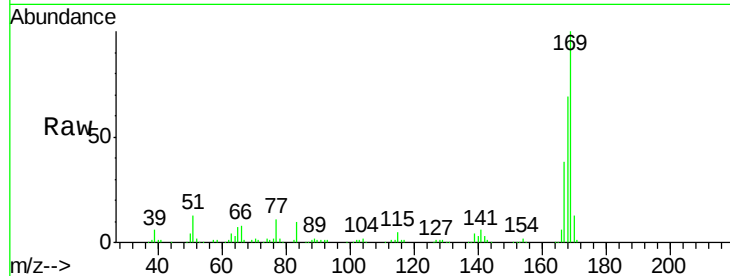




#65
n-Nitrosodiphenylamine
Concen: 41.78 ng
RT: 15.98 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

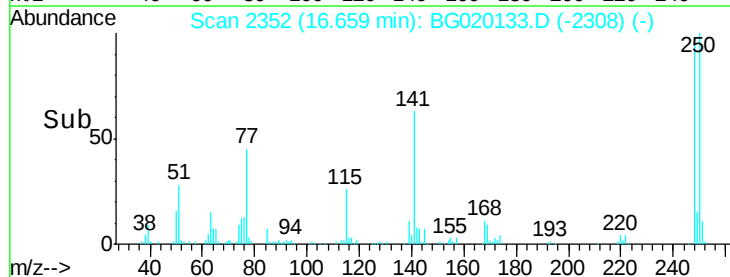
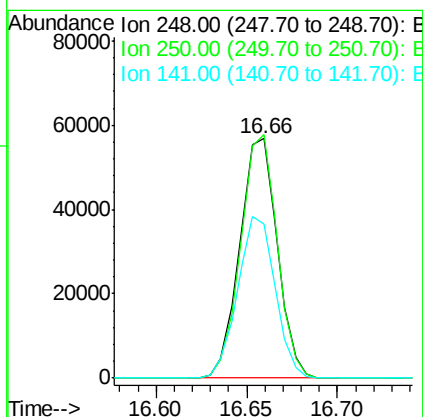
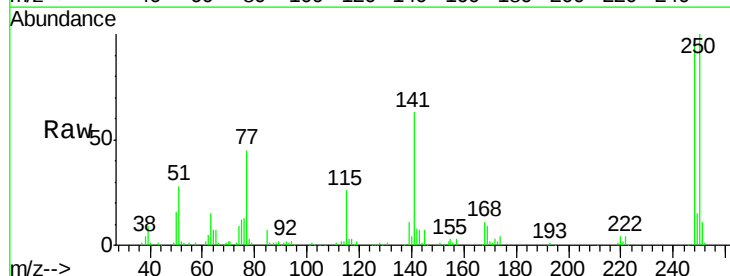
Instrument :
BNA_G
ClientSampleId :
PB87240BS

Tgt Ion:169 Resp: 198231
Ion Ratio Lower Upper
169 100
168 68.5 58.2 87.2
167 38.0 32.7 49.1



#66
4-Bromophenyl-phenylether
Concen: 40.17 ng
RT: 16.66 min Scan# 2352
Delta R.T. -0.04 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Tgt Ion:248 Resp: 81830
Ion Ratio Lower Upper
248 100
250 101.6 77.8 116.8
141 64.1 50.4 75.6





#67

Hexachlorobenzene

Concen: 42.59 ng

RT: 16.78 min Scan# 2372

Delta R.T. -0.03 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

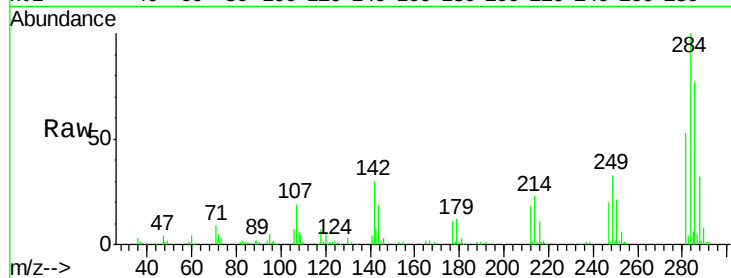
Tgt Ion:284 Resp: 90384

Ion Ratio Lower Upper

284 100

142 29.7 26.6 39.8

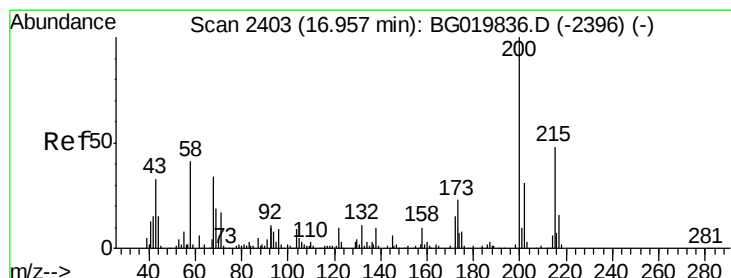
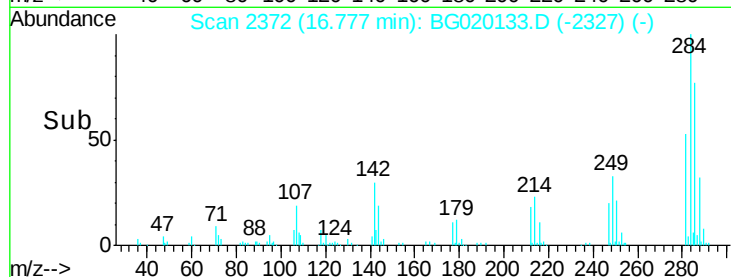
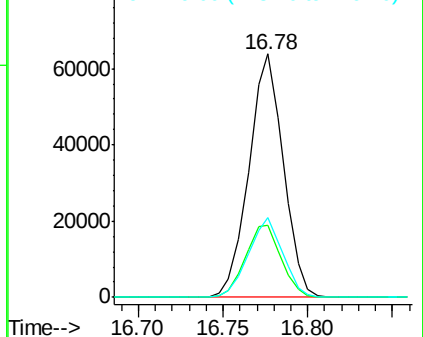
249 32.8 26.2 39.2



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: 40.72 ng

RT: 16.92 min Scan# 2396

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

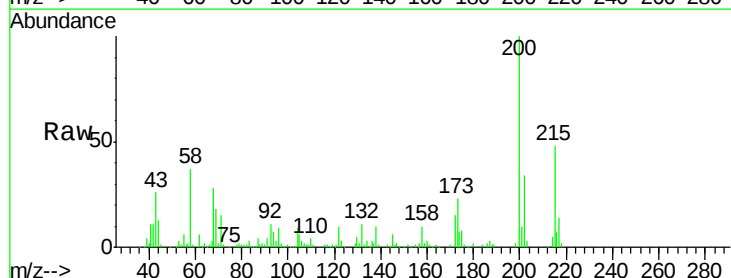
Tgt Ion:200 Resp: 83933

Ion Ratio Lower Upper

200 100

173 23.1 5.2 45.2

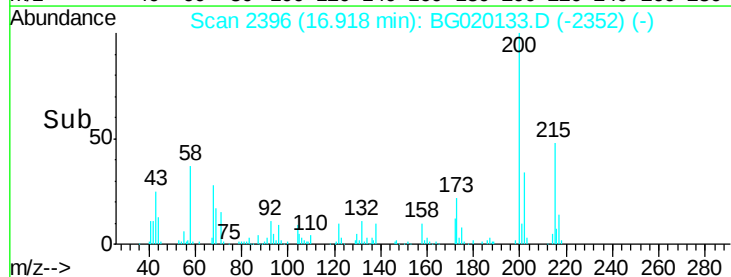
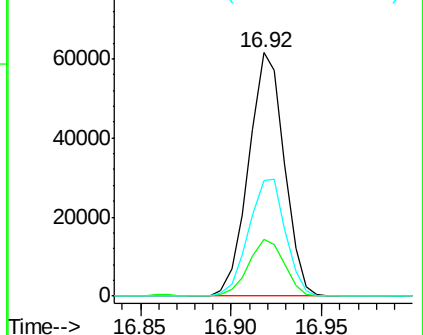
215 47.6 27.0 67.0

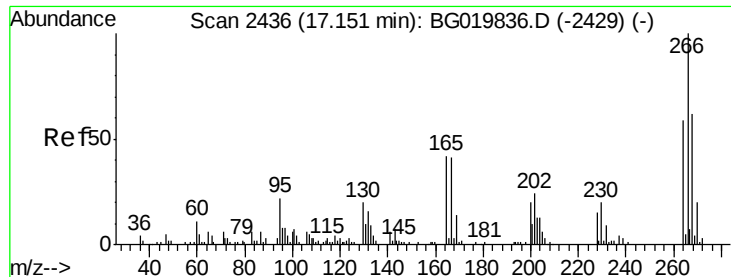


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

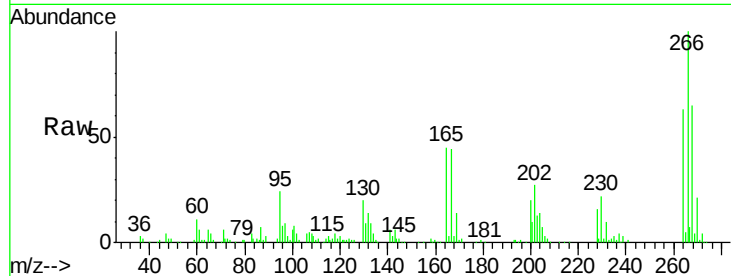




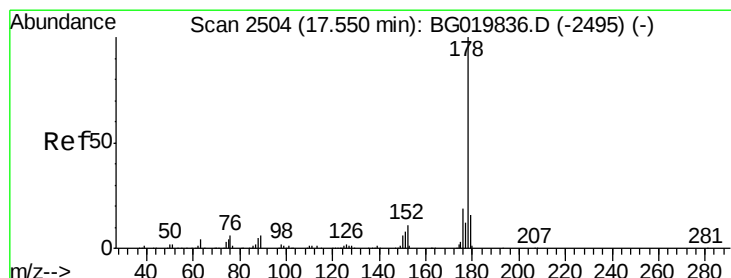
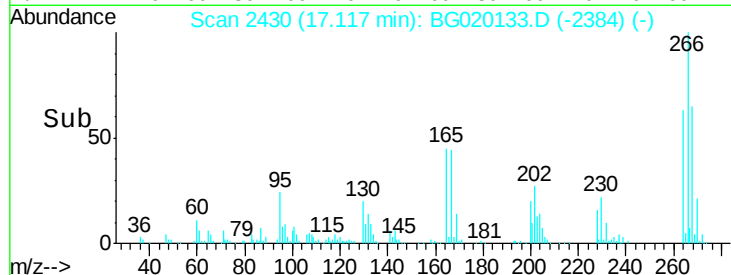
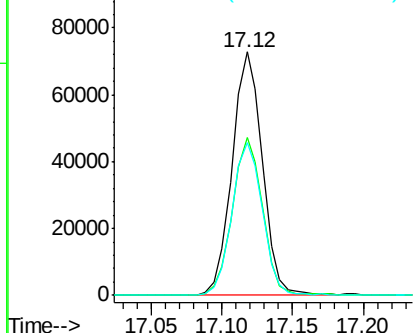
#69
 Pentachlorophenol
 Concen: 87.50 ng
 RT: 17.12 min Scan# 2430
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	47.6	71.4
264	62.6	48.1	72.1

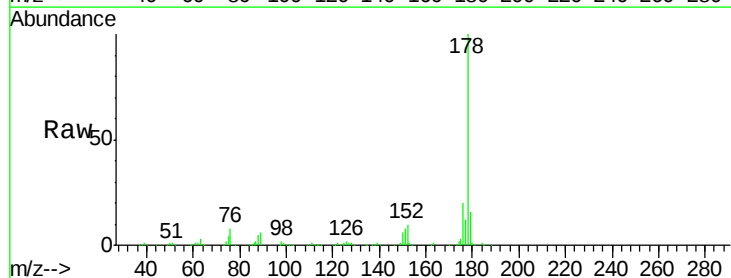


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

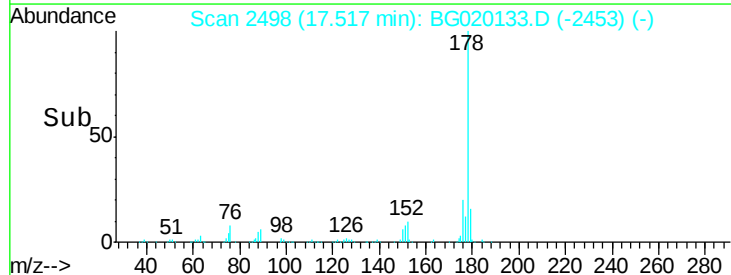
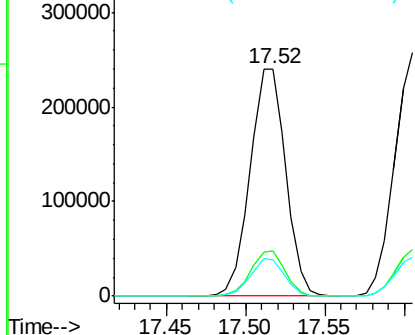


#70
 Phenanthrene
 Concen: 40.42 ng
 RT: 17.52 min Scan# 2498
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.7	25.1
179	16.2	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

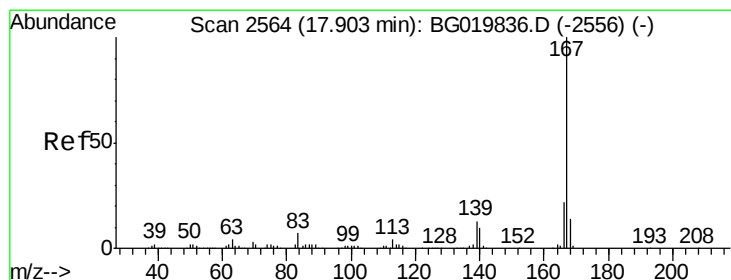
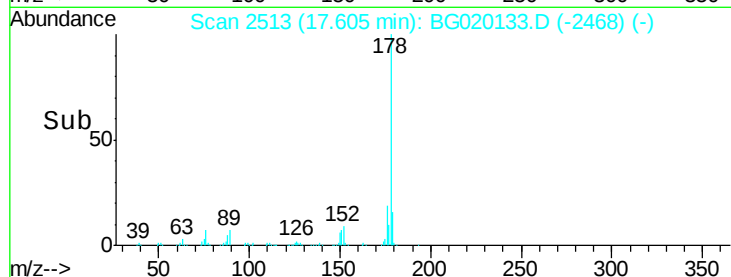
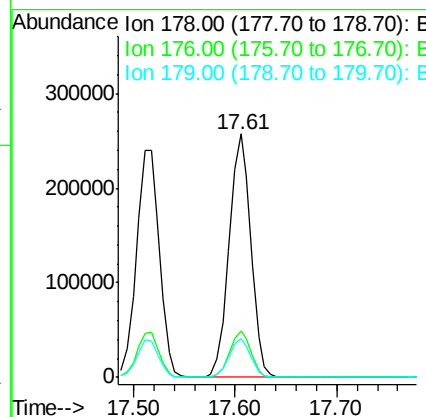
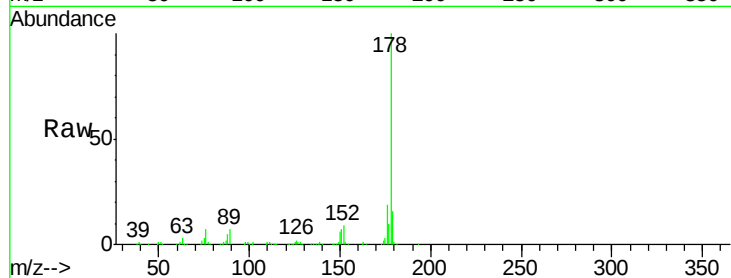




#71
 Anthracene
 Concen: 40.47 ng
 RT: 17.61 min Scan# 2513
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

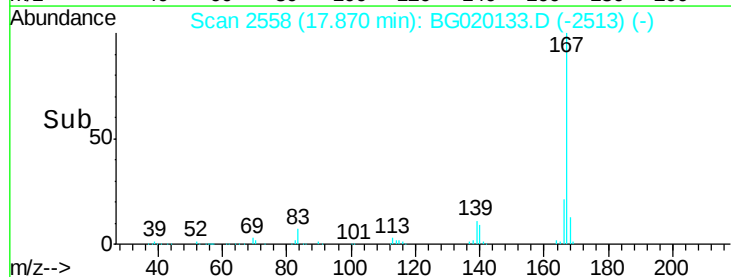
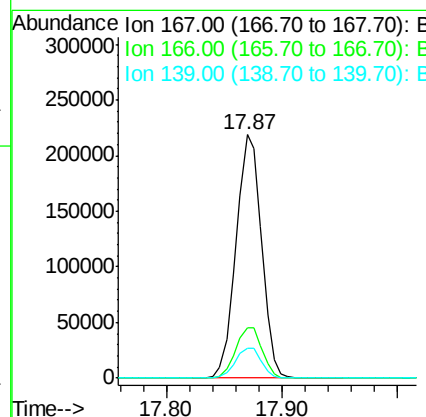
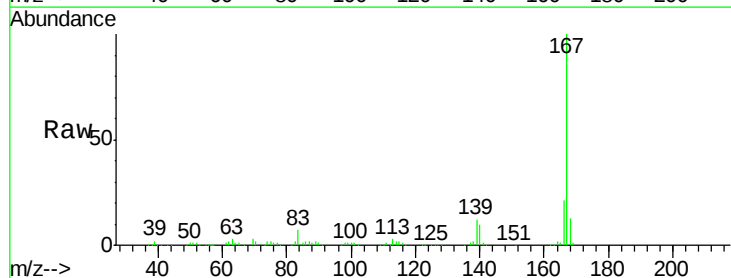
Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.8	25.2
179	16.1	13.9	20.9



#72
 Carbazole
 Concen: 40.07 ng
 RT: 17.87 min Scan# 2558
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.7	19.0	28.6
139	12.4	10.2	15.4

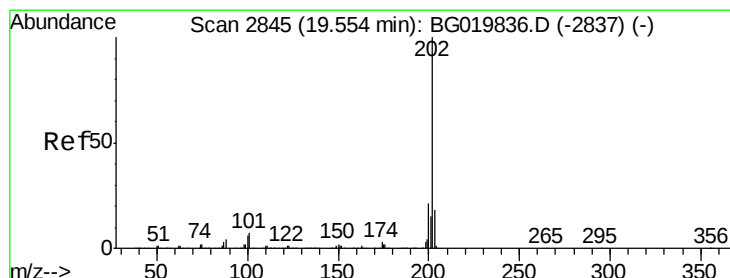
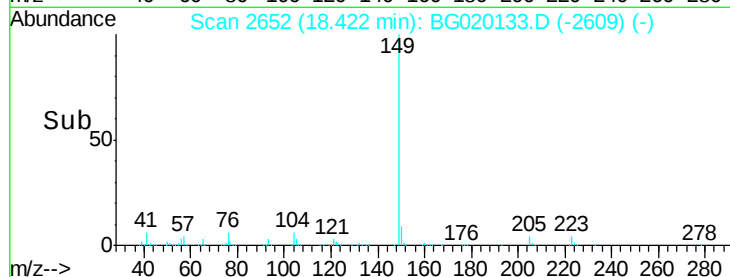
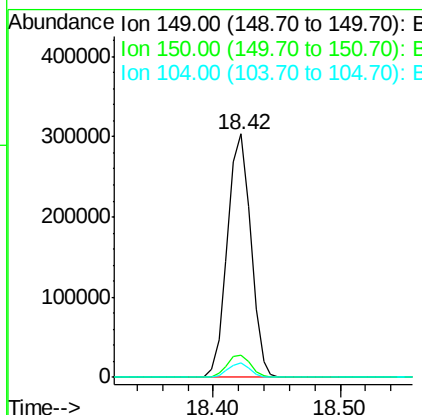
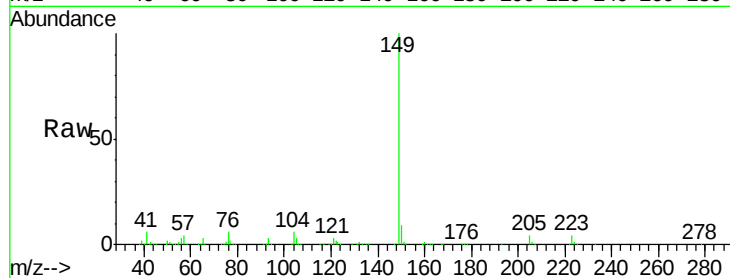




#73
Di-n-butylphthalate
Concen: 37.90 ng
RT: 18.42 min Scan# 2652
Delta R.T. -0.04 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

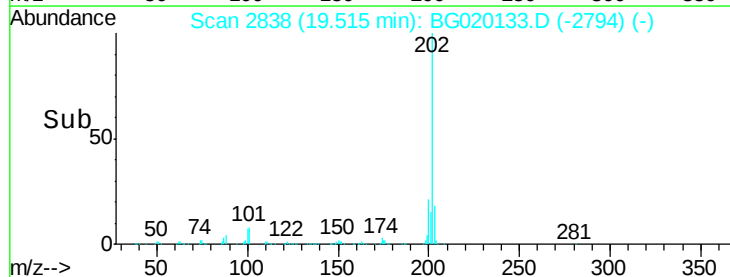
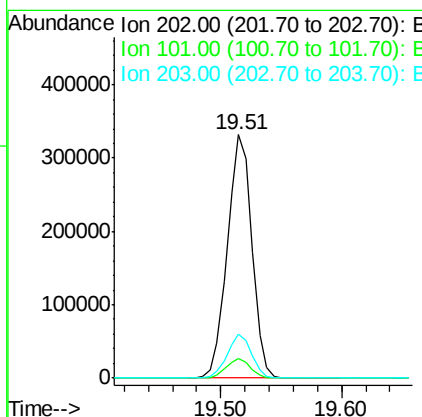
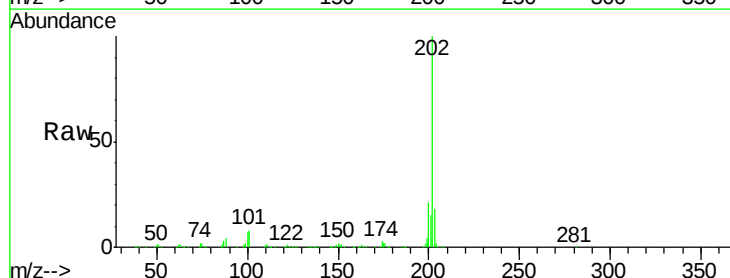
Instrument :
BNA_G
ClientSampleId :
PB87240BS

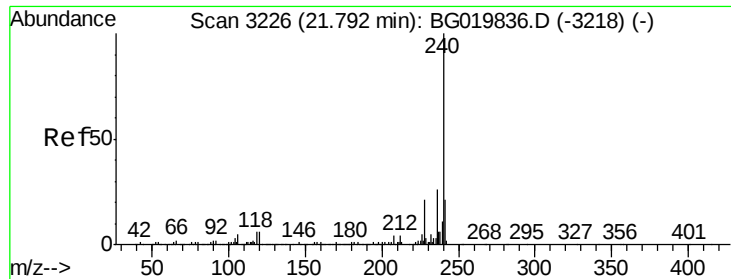
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.4
104	5.8	4.4	6.6



#74
Fluoranthene
Concen: 39.36 ng
RT: 19.51 min Scan# 2838
Delta R.T. -0.04 min
Lab File: BG020133.D
Acq: 12 Dec 2015 8:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	32.4
203	18.1	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

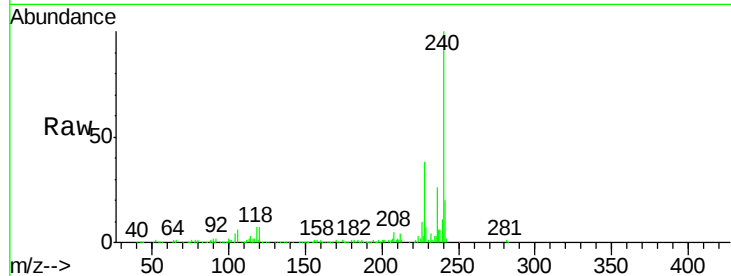
Tgt Ion:240 Resp: 181918

Ion Ratio Lower Upper

240 100

120 6.9 7.4 11.0#

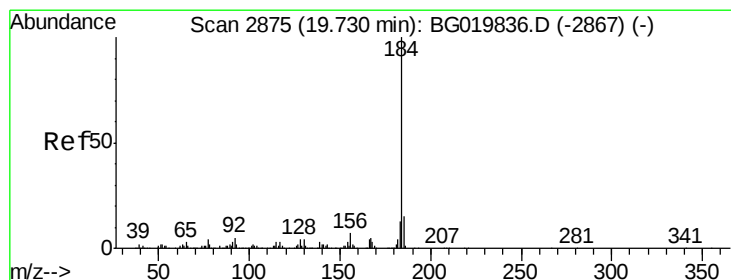
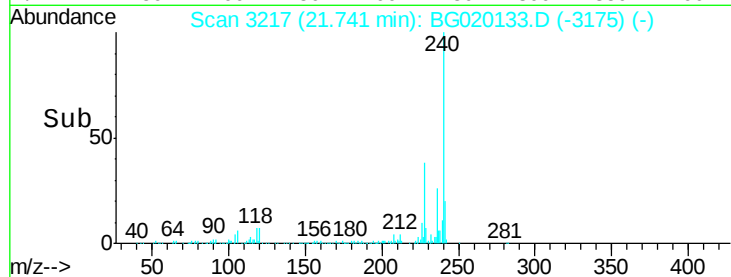
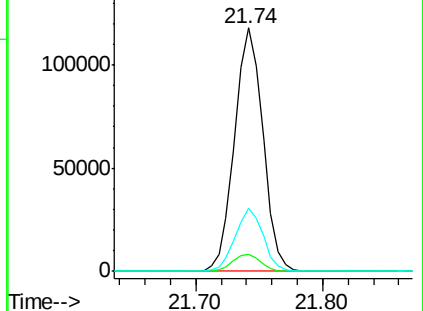
236 25.8 20.7 31.1



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: 18.95 ng

RT: 19.69 min Scan# 2868

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

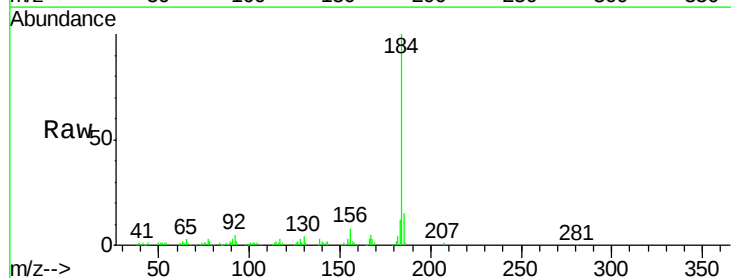
Tgt Ion:184 Resp: 113231

Ion Ratio Lower Upper

184 100

185 14.8 13.4 20.2

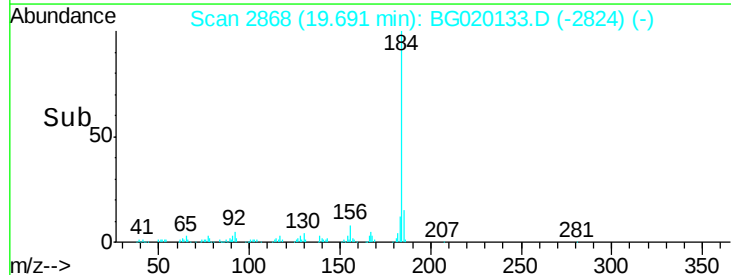
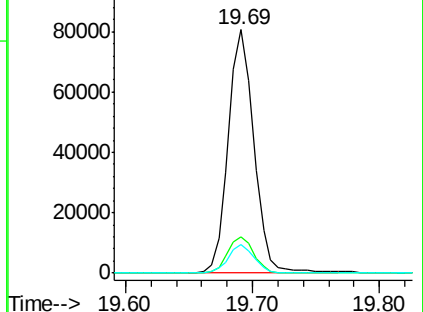
183 11.6 10.1 15.1



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

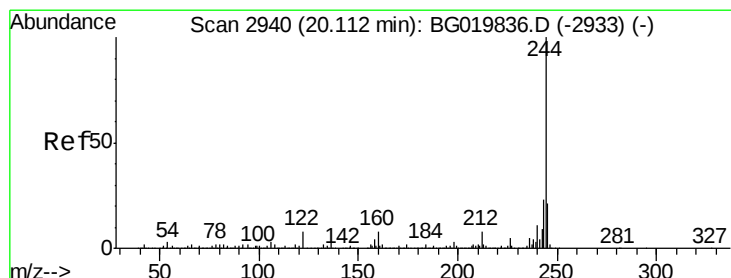
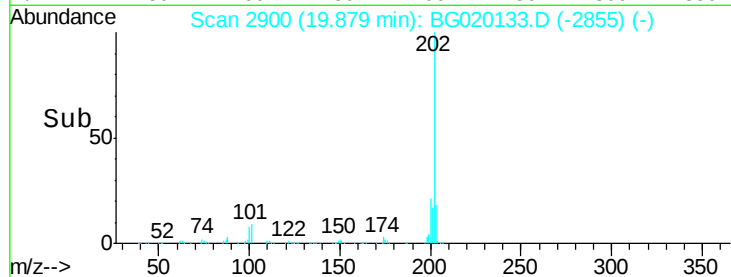
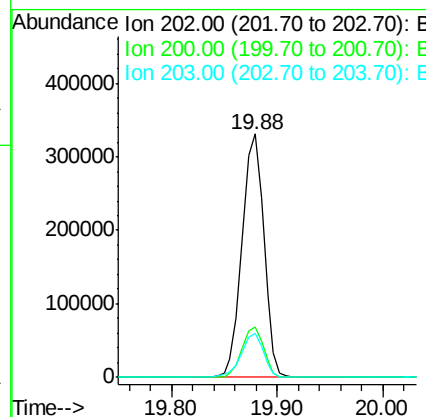
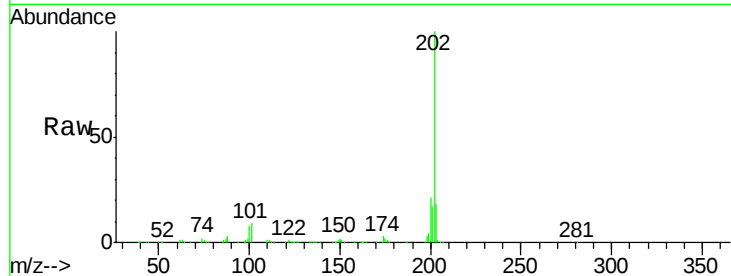




#77
 Pyrene
 Concen: 44.26 ng
 RT: 19.88 min Scan# 2900
 Delta R.T. -0.03 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

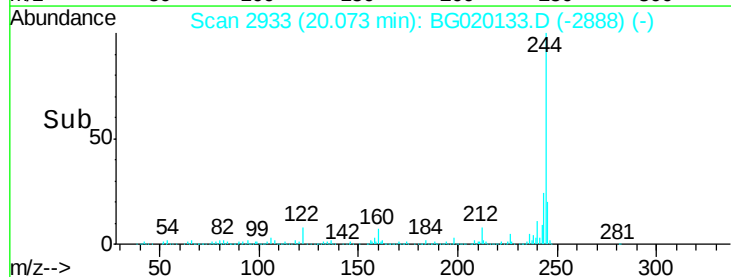
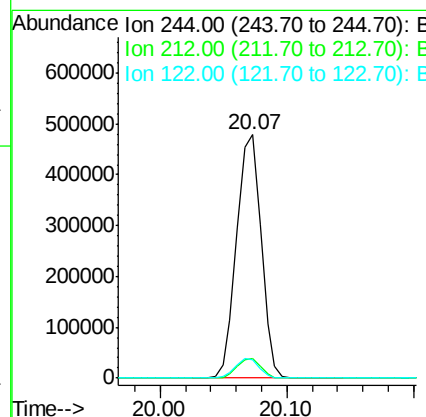
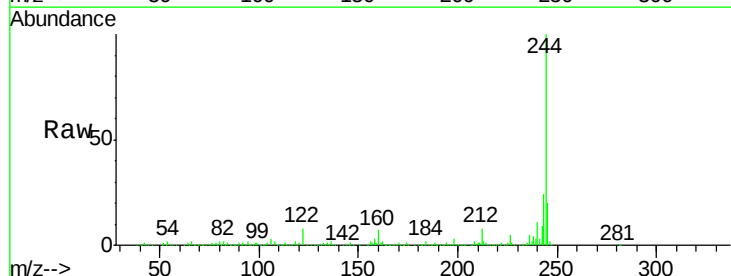
Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

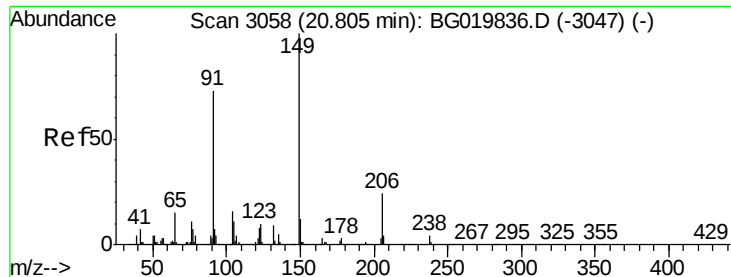
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	19.4	29.0
203	17.9	15.5	23.3



#78
 Terphenyl-d14
 Concen: 85.84 ng
 RT: 20.07 min Scan# 2933
 Delta R.T. -0.04 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.9	10.3
122	7.5	10.2	15.2#





#79

Butylbenzylphthalate

Concen: 39.75 ng

RT: 20.75 min Scan# 3049

Delta R.T. -0.05 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

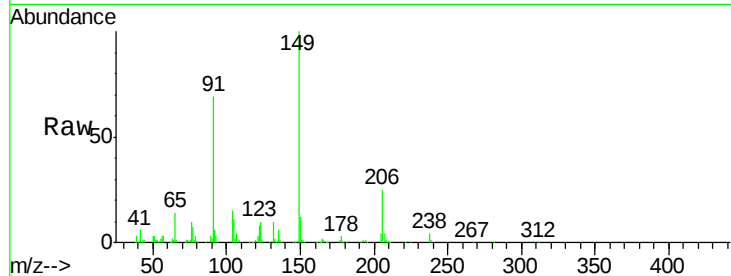
Instrument :

BNA_G

ClientSampleId :

PB87240BS

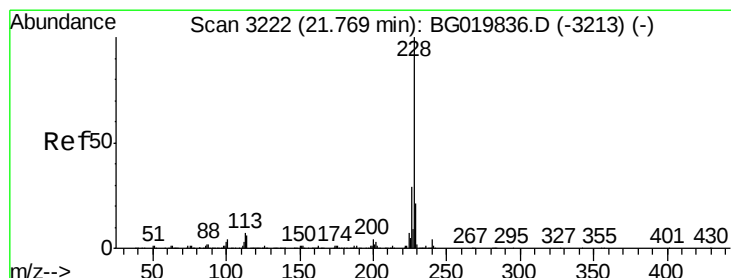
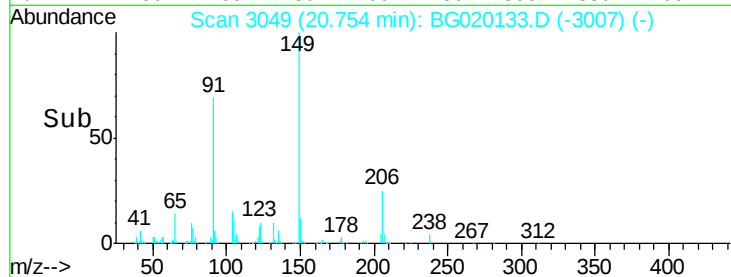
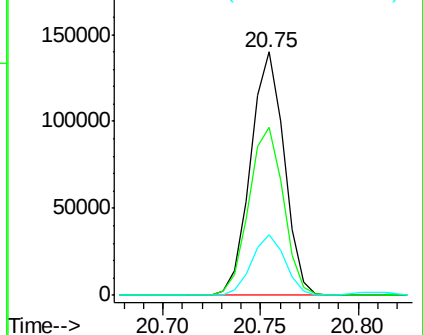
Tgt Ion:	149	Resp:	166729
Ion Ratio	Lower	Upper	
149	100		
91	69.2	58.1	87.1
206	25.1	17.8	26.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.62 ng

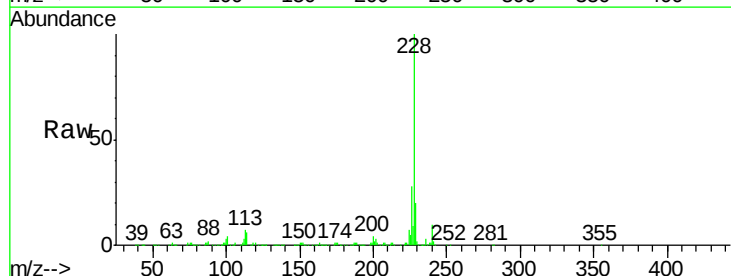
RT: 21.72 min Scan# 3214

Delta R.T. -0.04 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

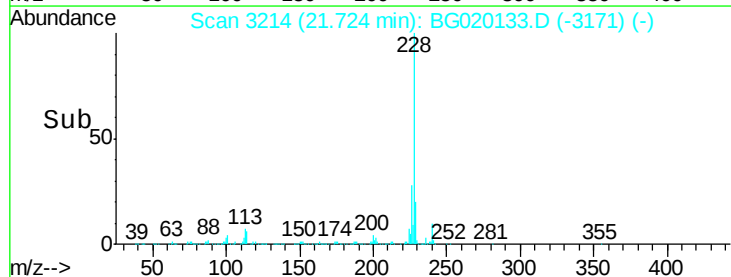
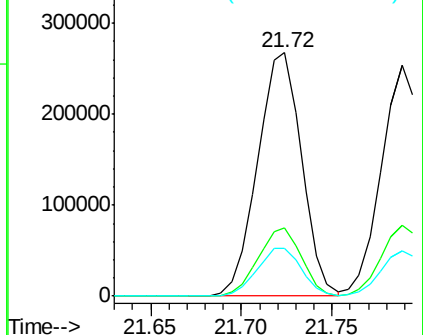
Tgt Ion:	228	Resp:	452346
Ion Ratio	Lower	Upper	
228	100		
226	28.3	23.4	35.0
229	19.7	16.6	25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

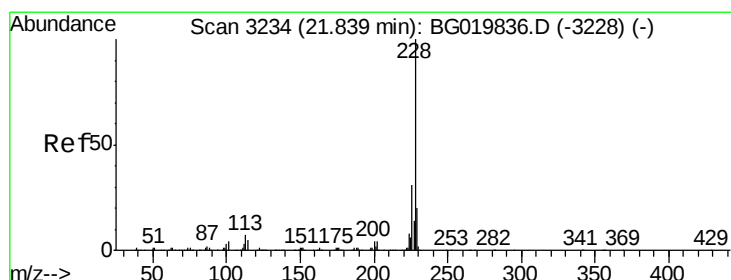
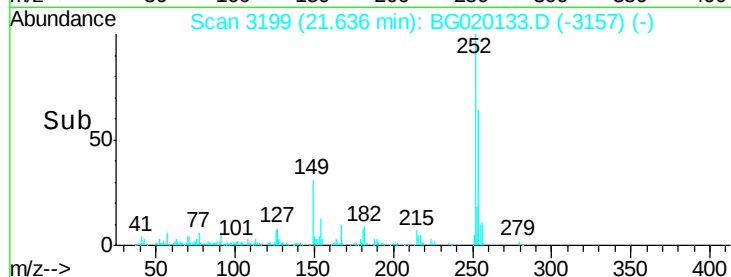
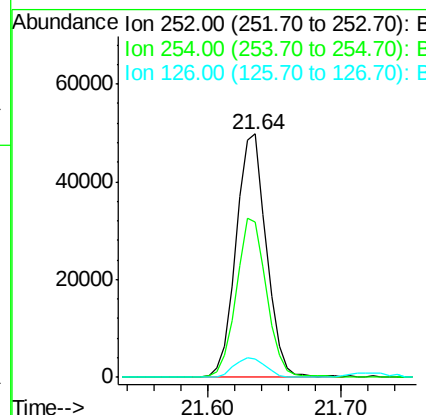
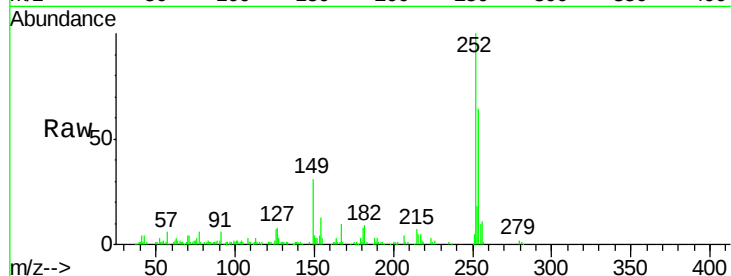




#81
 3,3'-Dichlorobenzidine
 Concen: 18.59 ng
 RT: 21.64 min Scan# 3199
 Delta R.T. -0.05 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

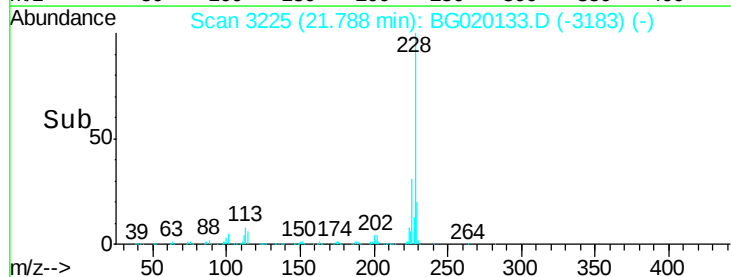
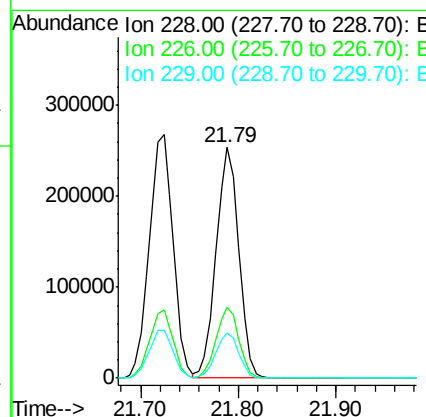
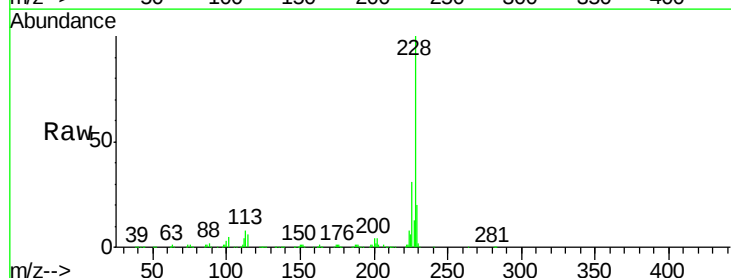
Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Tgt Ion: 252 Resp: 78824
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.5 78.7
 126 7.4 8.5 12.7#



#82
 Chrysene
 Concen: 38.58 ng
 RT: 21.79 min Scan# 3225
 Delta R.T. -0.05 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion: 228 Resp: 407918
 Ion Ratio Lower Upper
 228 100
 226 30.7 26.7 40.1
 229 19.7 17.0 25.6

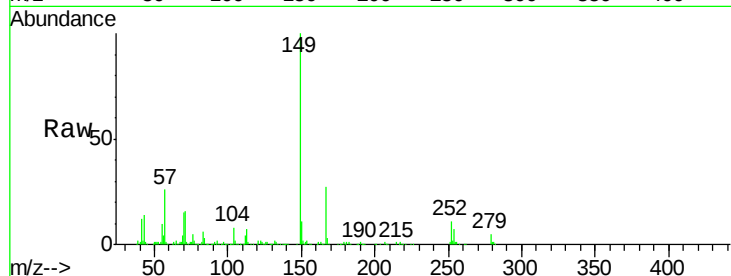




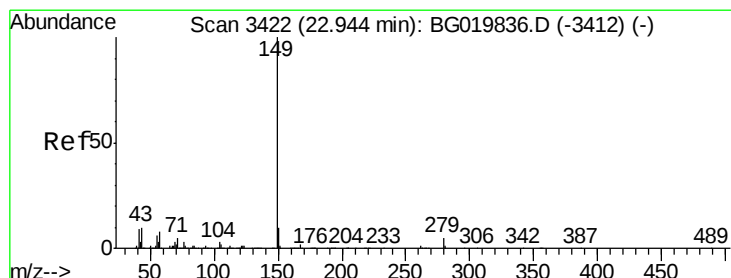
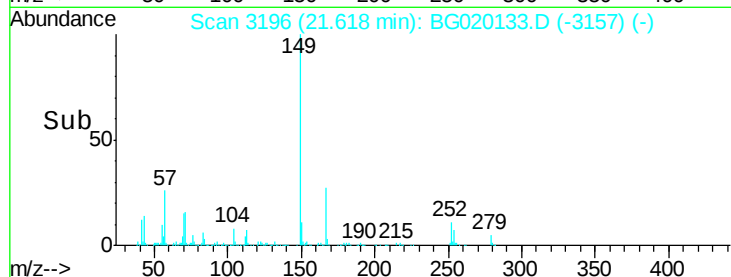
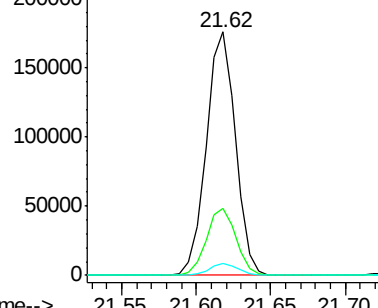
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.88 ng
 RT: 21.62 min Scan# 3196
 Delta R.T. -0.07 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Instrument :
 BNA_G
 ClientSampleId :
 PB87240BS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.8	35.8
279	5.1	3.4	5.2

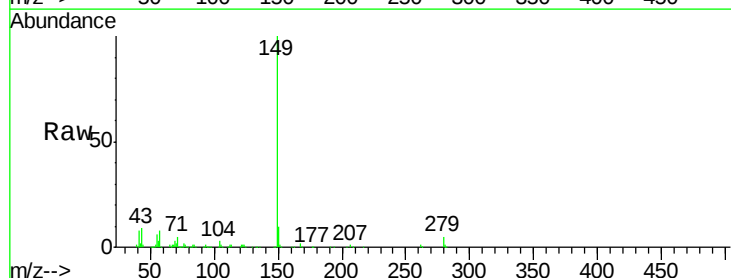


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

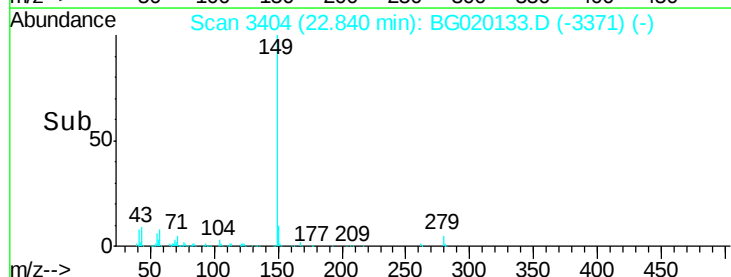
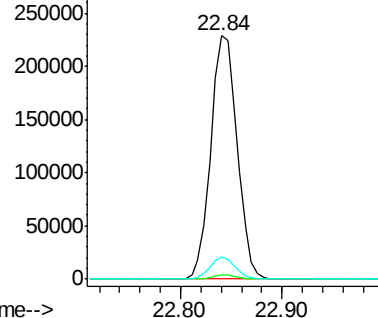


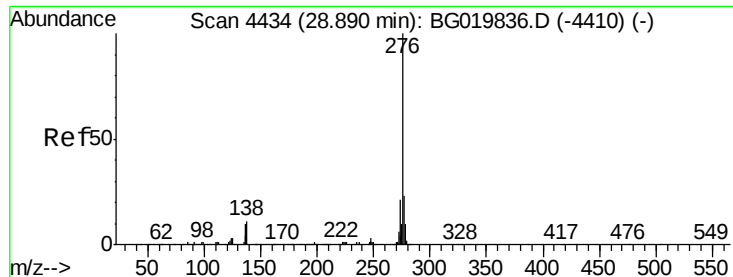
#84
 Di-n-octyl phthalate
 Concen: 41.22 ng
 RT: 22.84 min Scan# 3404
 Delta R.T. -0.10 min
 Lab File: BG020133.D
 Acq: 12 Dec 2015 8:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.6	5.9	8.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.23 ng

RT: 28.74 min Scan# 4408

Delta R.T. -0.15 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

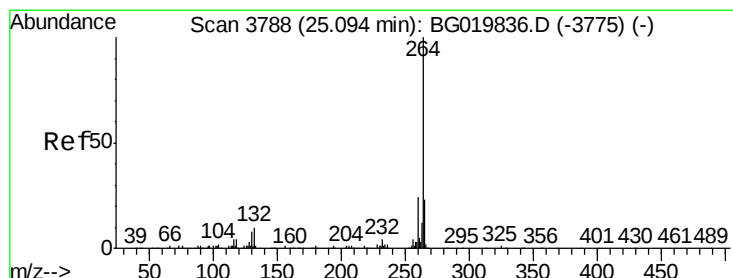
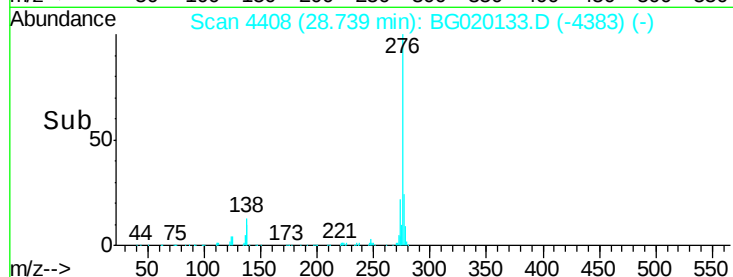
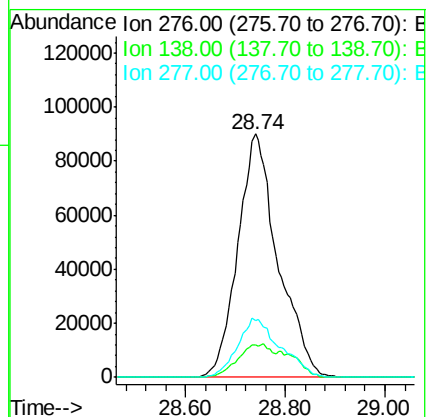
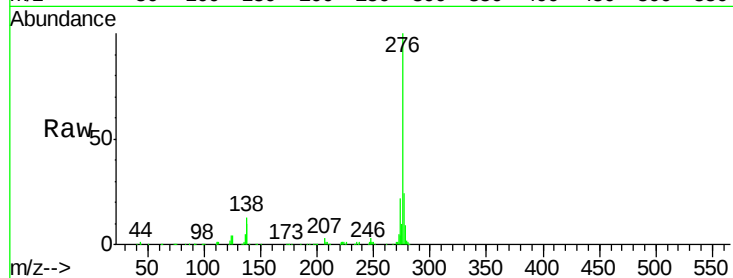
Tgt Ion:276 Resp: 503531

Ion Ratio Lower Upper

276 100

138 7.3 0.0 0.0#

277 25.8 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.01 min Scan# 3773

Delta R.T. -0.09 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

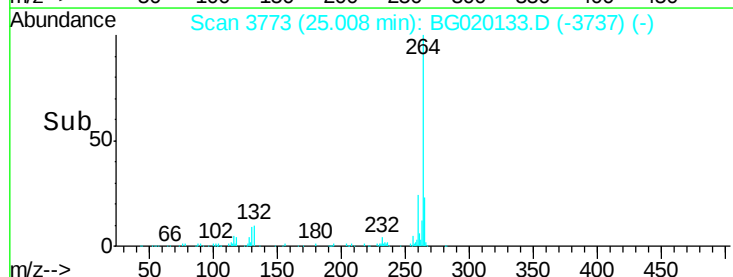
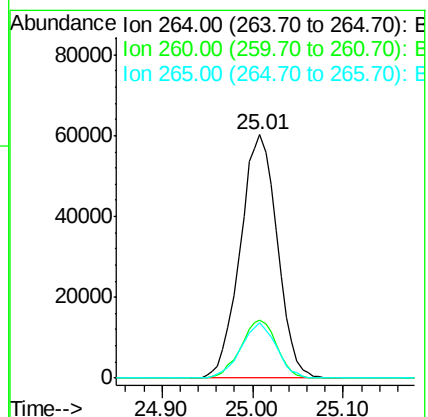
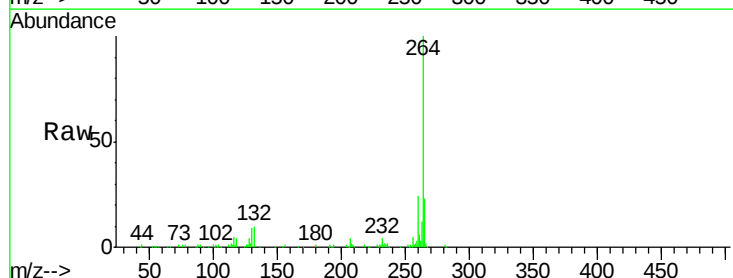
Tgt Ion:264 Resp: 170889

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 22.6 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 40.84 ng

RT: 23.97 min Scan# 3596

Delta R.T. -0.08 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

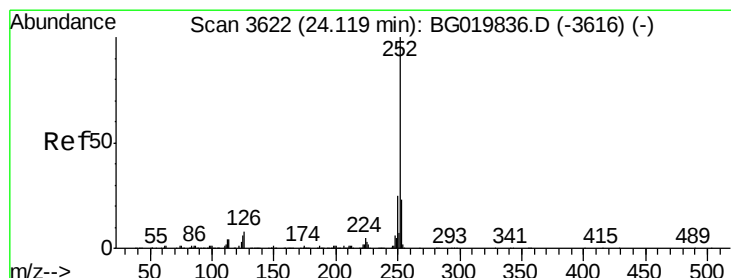
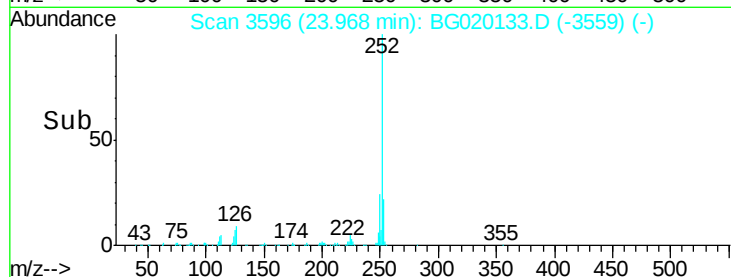
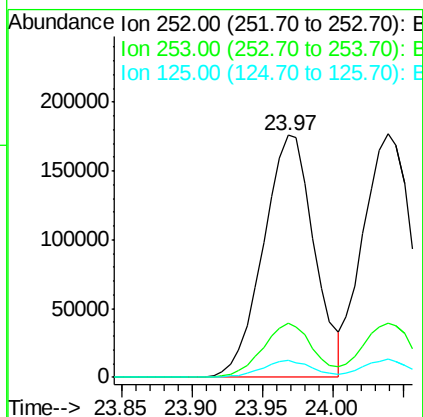
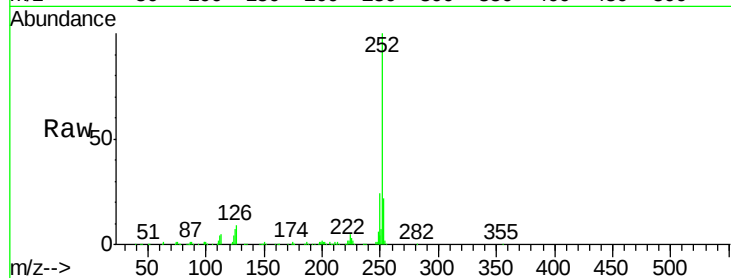
Instrument :

BNA_G

ClientSampleId :

PB87240BS

Tgt Ion:	252	Resp:	442307
Ion Ratio	Lower	Upper	
252	100		
253	22.3	19.1	28.7
125	6.9	8.9	13.3#



#88

Benzo(k)fluoranthene

Concen: 39.26 ng

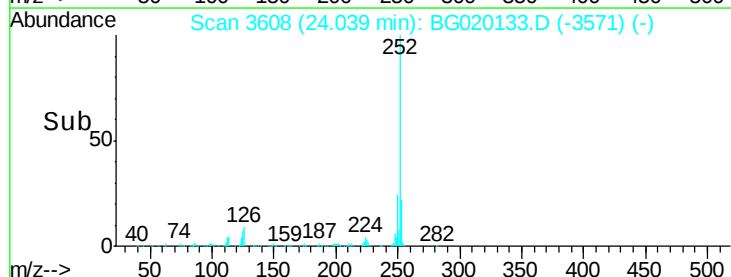
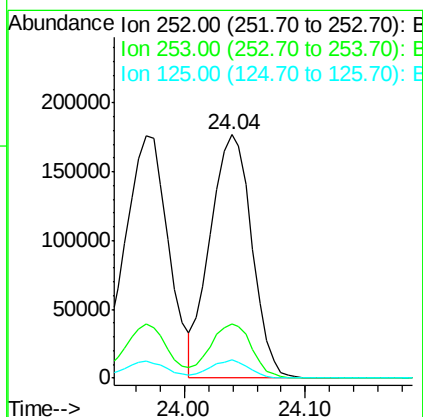
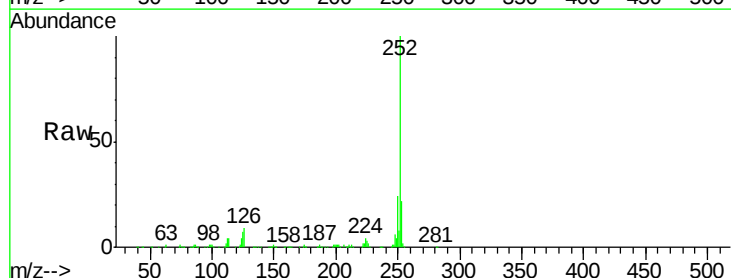
RT: 24.04 min Scan# 3608

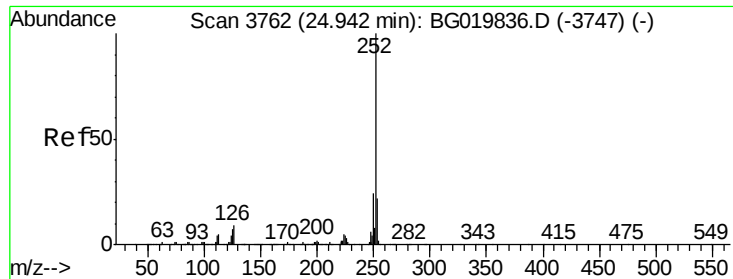
Delta R.T. -0.08 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Tgt Ion:	252	Resp:	421087
Ion Ratio	Lower	Upper	
252	100		
253	22.4	19.0	28.4
125	7.3	8.9	13.3#





#89

Benzo(a)pyrene

Concen: 41.16 ng

RT: 24.86 min Scan# 3747

Delta R.T. -0.09 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

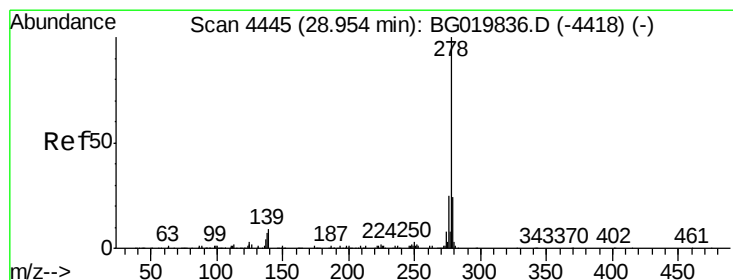
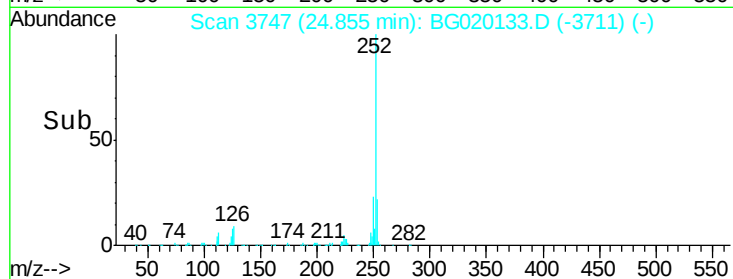
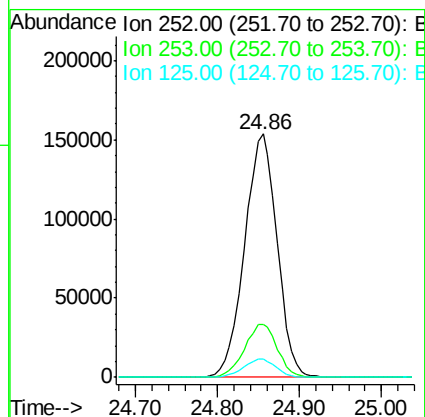
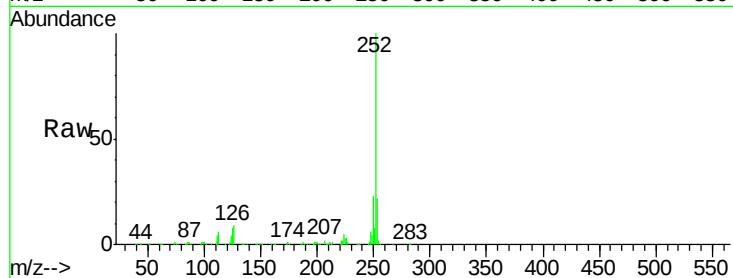
Instrument :

BNA_G

ClientSampleId :

PB87240BS

Tgt Ion:	252	Resp:	423204
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.7	28.1
125	7.5	9.1	13.7#



#90

Dibenzo(a,h)anthracene

Concen: 40.88 ng

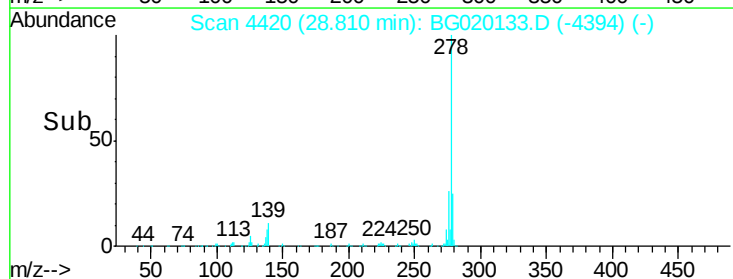
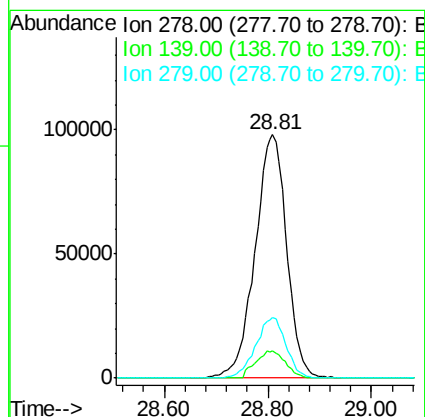
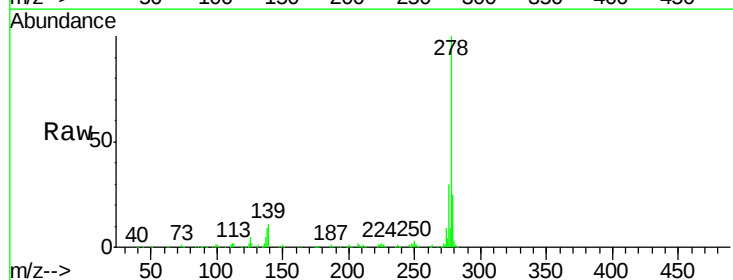
RT: 28.81 min Scan# 4420

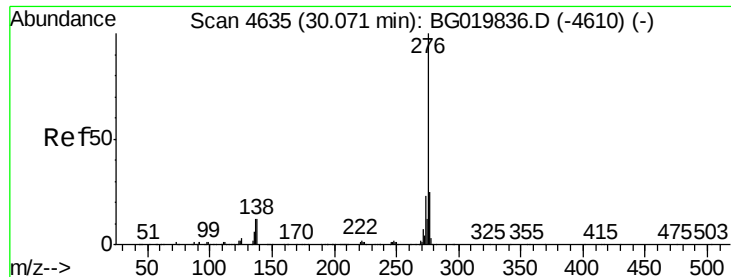
Delta R.T. -0.14 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Tgt Ion:	278	Resp:	415306
Ion Ratio	Lower	Upper	
278	100		
139	11.1	13.8	20.6#
279	24.9	19.4	29.0





#91

Benzo(g,h,i)perylene

Concen: 41.80 ng

RT: 29.91 min Scan# 4607

Delta R.T. -0.16 min

Lab File: BG020133.D

Acq: 12 Dec 2015 8:29

Instrument :

BNA_G

ClientSampleId :

PB87240BS

Tgt Ion: 276 Resp: 417003

Ion Ratio Lower Upper

276 100

277 24.1 18.4 27.6

138 14.2 17.4 26.0#

