

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031776.D
 Acq On : 27 Dec 2017 00:54
 Operator : SJ/JU
 Sample : PB105316BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BS

Quant Time: Dec 27 04:51:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.82	152	44122	20.00	ng	-0.02
21) Naphthalene-d8	11.71	136	188703	20.00	ng	-0.02
38) Acenaphthene-d10	15.44	164	138913	20.00	ng	-0.02
63) Phenanthrene-d10	18.18	188	368181	20.00	ng	-0.03
75) Chrysene-d12	22.52	240	417174	20.00	ng	-0.05
86) Perylene-d12	26.28	264	460567	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	6.24	112	271257	111.98	ng	0.00
7) Phenol-d6	7.92	99	347737	110.56	ng	0.00
23) Nitrobenzene-d5	10.02	82	267714	107.13	ng	-0.02
41) 2,4,6-Tribromophenol	16.92	330	249282	117.61	ng	-0.02
44) 2-Fluorobiphenyl	14.08	172	1015216	91.73	ng	-0.02
78) Terphenyl-d14	20.70	244	1768786	96.87	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.88	88	33470	37.27	ng	# 70
3) Pyridine	4.33	79	92578	38.57	ng	# 77
4) n-Nitrosodimethylamine	4.24	42	40149	41.45	ng	# 81
6) Aniline	8.11	93	51691	12.77	ng	91
8) 2-Chlorophenol	8.37	128	139819	49.76	ng	# 80
9) Benzaldehyde	7.92	77	37034	19.56	ng	85
10) Phenol	7.95	94	160228	50.46	ng	93
11) bis(2-Chloroethyl)ether	8.21	93	108208	41.03	ng	# 76
12) 1,3-Dichlorobenzene	8.71	146	146951	42.11	ng	# 92
13) 1,4-Dichlorobenzene	8.86	146	150006	42.08	ng	94
14) 1,2-Dichlorobenzene	9.19	146	143533	42.50	ng	94
15) Benzyl Alcohol	9.06	79	108507	45.96	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	9.36	45	101720	47.37	ng	75
17) 2-Methylphenol	9.26	107	113250	49.85	ng	96
18) Hexachloroethane	9.95	117	44639	41.35	ng	# 82
19) n-Nitroso-di-n-propylamine	9.63	70	83001	38.64	ng	# 79
20) 3+4-Methylphenols	9.59	107	155592	48.18	ng	91
22) Acetophenone	9.66	105	190514	43.46	ng	# 85
24) Nitrobenzene	10.06	77	119972	46.58	ng	# 82
25) Isophorone	10.59	82	239577	44.53	ng	# 83
26) 2-Nitrophenol	10.79	139	76254	56.47	ng	# 80
27) 2,4-Dimethylphenol	10.83	122	146751	51.64	ng	91
28) bis(2-Chloroethoxy)methane	11.07	93	153420	42.50	ng	98
29) 2,4-Dichlorophenol	11.33	162	171204	51.32	ng	90
30) 1,2,4-Trichlorobenzene	11.55	180	177377	43.55	ng	95
31) Naphthalene	11.76	128	416960	43.78	ng	98
32) Benzoic acid	10.91	122	19769	15.47	ng	# 71
33) 4-Chloroaniline	11.84	127	53780	12.68	ng	# 90
34) Hexachlorobutadiene	12.02	225	115235	41.21	ng	97
35) Caprolactam	12.61	113	57452	56.82	ng	# 40
36) 4-Chloro-3-methylphenol	12.92	107	155413	50.44	ng	# 80
37) 2-Methylnaphthalene	13.31	142	349535	45.27	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.66	216	244644	41.81	ng	# 96
40) Hexachlorocyclopentadiene	13.64	237	309292	100.20	ng	89

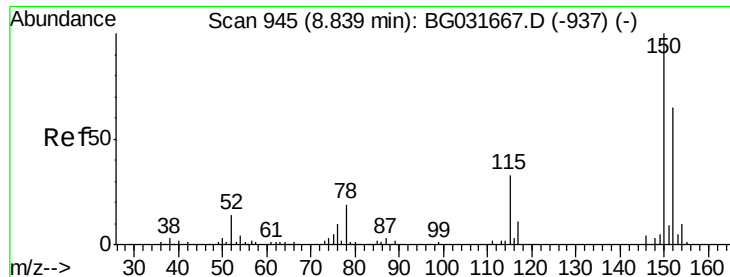
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031776.D
 Acq On : 27 Dec 2017 00:54
 Operator : SJ/JU
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Instrument :
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Quant Time: Dec 27 04:51:42 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.89	196	160635	47.62	nq	95
43) 2,4,5-Trichlorophenol	13.96	196	179314	47.96	nq #	89
45) 1,1'-Biphenyl	14.29	154	509946	42.98	nq	94
46) 2-Chloronaphthalene	14.34	162	387731	42.84	nq	96
47) 2-Nitroaniline	14.52	65	81144	51.92	nq #	59
48) Acenaphthylene	15.17	152	601473	41.54	nq	99
49) Dimethylphthalate	14.87	163	531553	43.44	nq	99
50) 2,6-Dinitrotoluene	15.00	165	117579	52.23	nq #	64
51) Acenaphthene	15.51	154	383404	40.44	nq	100
52) 3-Nitroaniline	15.33	138	46246	21.06	nq #	73
53) 2,4-Dinitrophenol	15.53	184	16257	23.01	nq #	1
54) Dibenzofuran	15.84	168	632594	43.52	nq	97
55) 4-Nitrophenol	15.61	139	174875	97.82	nq #	71
56) 2,4-Dinitrotoluene	15.78	165	162870	56.26	nq #	62
57) Fluorene	16.48	166	514107	43.54	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.05	232	192549	52.79	nq #	84
59) Diethylphthalate	16.22	149	524119	43.94	nq	96
60) 4-Chlorophenyl-phenylether	16.46	204	308605	42.72	nq	92
61) 4-Nitroaniline	16.48	138	96567	45.05	nq #	79
62) Azobenzene	16.75	77	334520	43.73	nq	82
64) 4,6-Dinitro-2-methylphenol	16.53	198	28288	21.37	nq #	70
65) n-Nitrosodiphenylamine	16.67	169	492514	40.28	nq	98
66) 4-Bromophenyl-phenylether	17.35	248	229553	43.12	nq	92
67) Hexachlorobenzene	17.48	284	242200	44.50	nq #	89
68) Atrazine	17.59	200	216794	45.59	nq	96
69) Pentachlorophenol	17.81	266	260069	69.47	nq	100
70) Phenanthrene	18.22	178	897182	43.06	nq	99
71) Anthracene	18.31	178	923621	43.94	nq	99
72) Carbazole	18.56	167	805064	43.28	nq	100
73) Di-n-butylphthalate	19.08	149	890125	43.05	nq	99
74) Fluoranthene	20.17	202	1135232	44.40	nq	96
76) Benzidine	20.33	184	233436	18.13	nq	99
77) Pyrene	20.53	202	1145007	42.97	nq	96
79) Butylbenzylphthalate	21.40	149	393885	44.03	nq #	75
80) Benzo(a)anthracene	22.50	228	1163611	43.85	nq	100
81) 3,3'-Dichlorobenzidine	22.39	252	181636	17.65	nq #	98
82) Chrysene	22.58	228	1090787	43.44	nq	98
83) Bis(2-ethylhexyl)phthalate	22.35	149	568667	43.88	nq #	97
84) Di-n-octyl phthalate	23.76	149	985780	45.16	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.66	276	1520577	47.21	nq #	88
87) Benzo(b)fluoranthene	25.08	252	1290900	45.15	nq #	96
88) Benzo(k)fluoranthene	25.16	252	1205066	42.12	nq #	97
89) Benzo(a)pyrene	26.11	252	1235724	45.13	nq #	97
90) Dibenzo(a,h)anthracene	30.74	278	1267813	44.83	nq #	97
91) Benzo(g,h,i)perylene	30.66	276	1520577	45.54	nq #	93

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

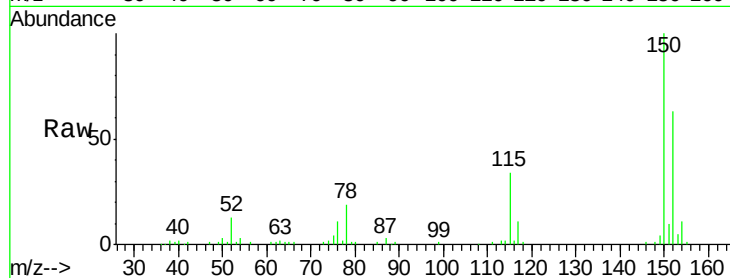


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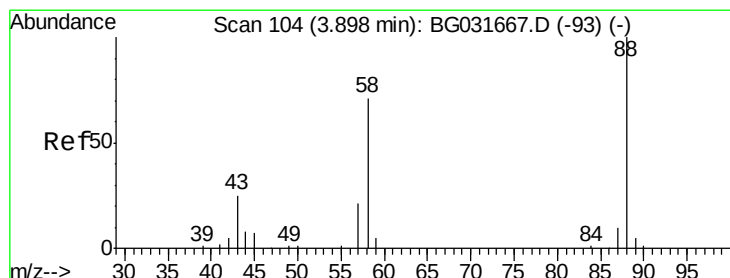
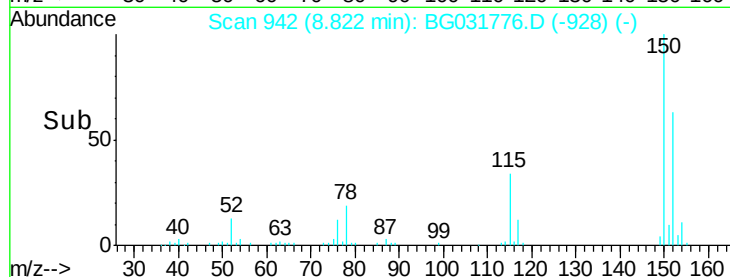
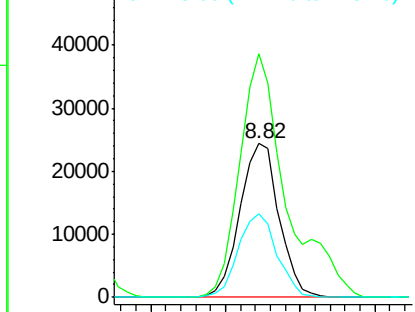
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.82 min Scan# 942
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Instrument :
BNA_G
ClientSampleId :
PB105316BS

Tot Ion:152 Resp: 44122
Ion Ratio Lower Upper
152 100
150 158.7 126.6 189.8
115 54.2 53.0 79.4



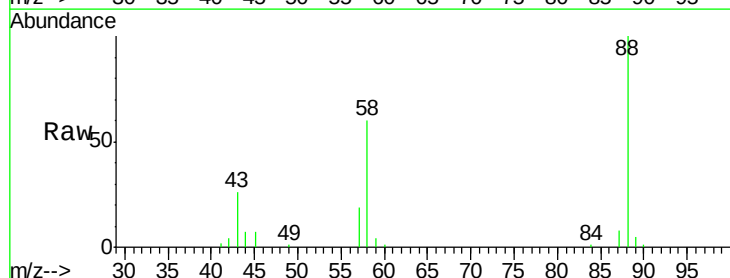
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



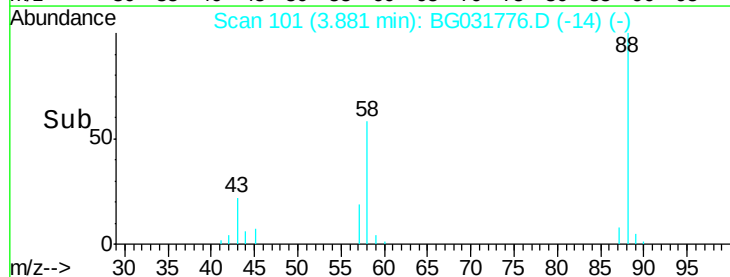
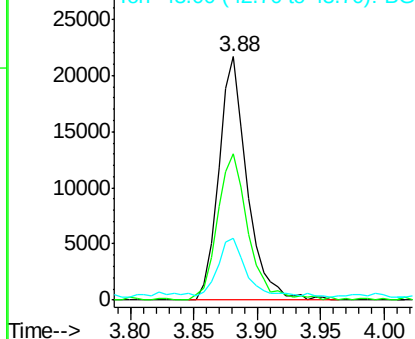
#2

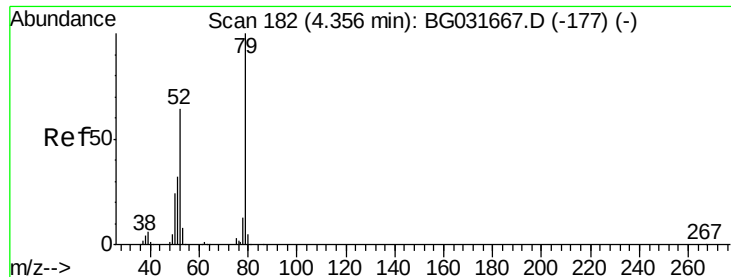
1,4-Dioxane
Concen: 37.27 ng
RT: 3.88 min Scan# 101
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion: 88 Resp: 33470
Ion Ratio Lower Upper
88 100
58 66.2 79.6 119.4#
43 23.6 27.4 41.0#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 38.57 ng

RT: 4.33 min Scan# 178

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

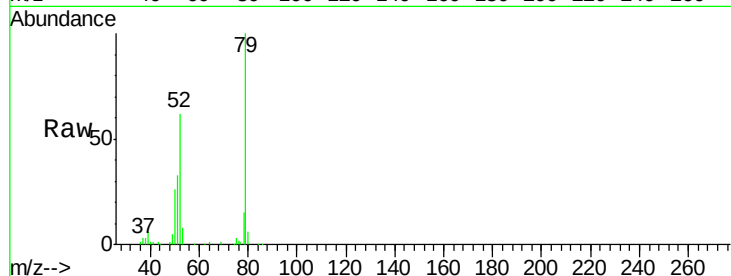
Tot Ion: 79 Resp: 92578

Ion Ratio Lower Upper

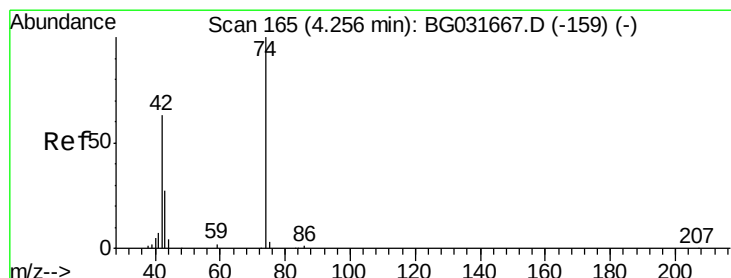
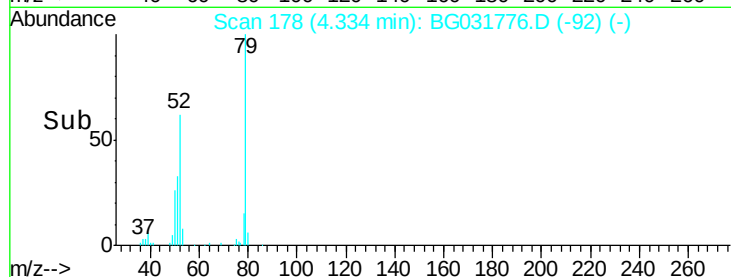
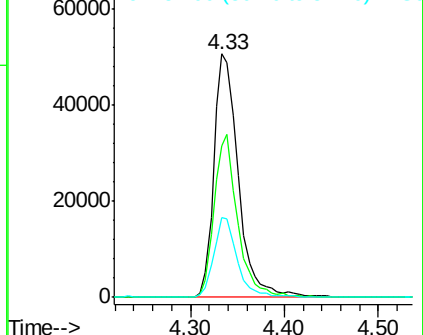
79 100

52 62.2 69.9 104.9#

51 32.9 34.0 51.0#



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: 41.45 ng

RT: 4.24 min Scan# 162

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

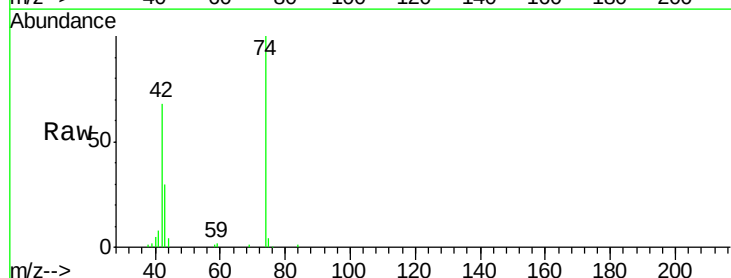
Tgt Ion: 42 Resp: 40149

Ion Ratio Lower Upper

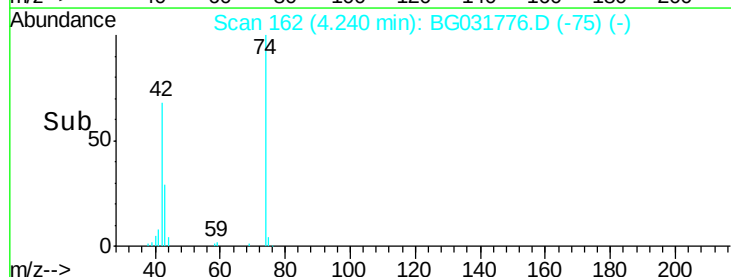
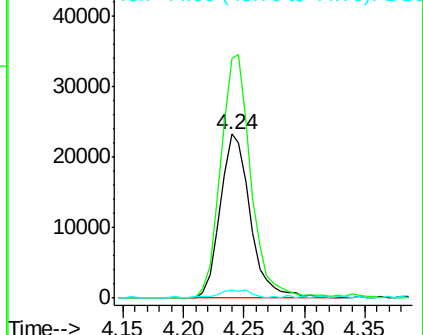
42 100

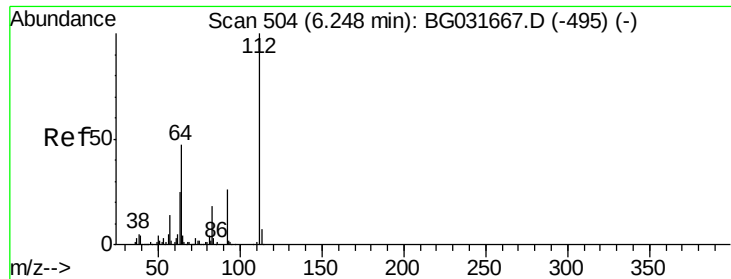
74 146.3 102.5 153.7

44 5.3 18.9 28.3#



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: 111.98 ng

RT: 6.24 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

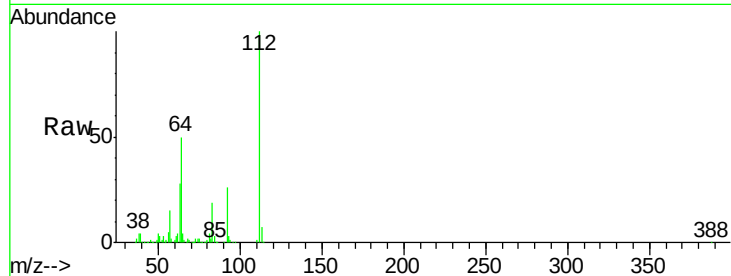
Tot Ion:112 Resp: 271257

Ion Ratio Lower Upper

112 100

64 49.6 56.3 84.5#

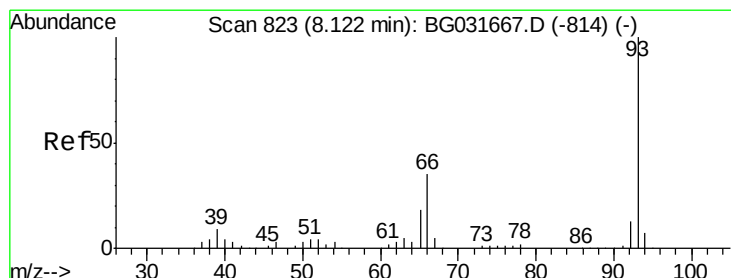
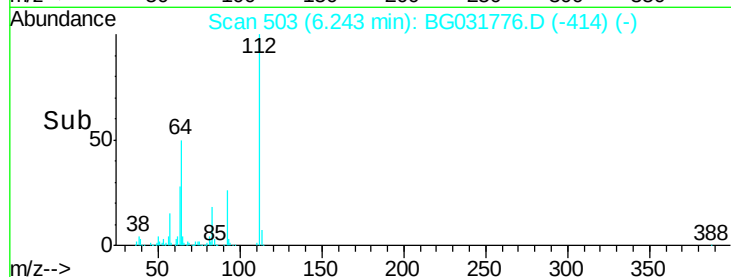
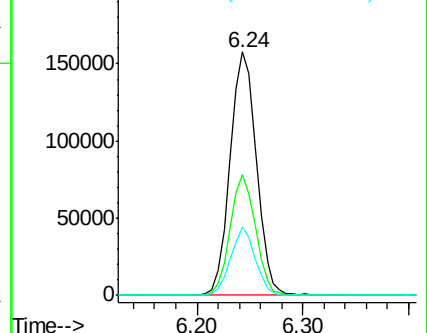
63 28.3 30.1 45.1#



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: 12.77 ng

RT: 8.11 min Scan# 821

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

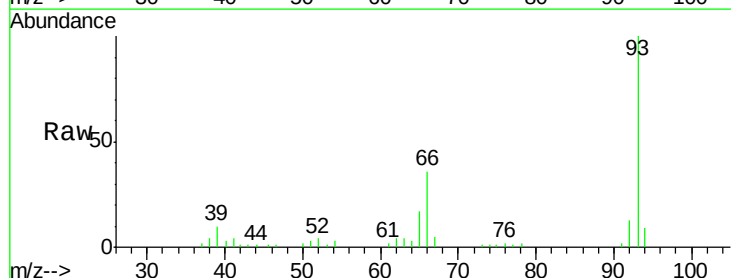
Tgt Ion: 93 Resp: 51691

Ion Ratio Lower Upper

93 100

66 36.0 33.7 50.5

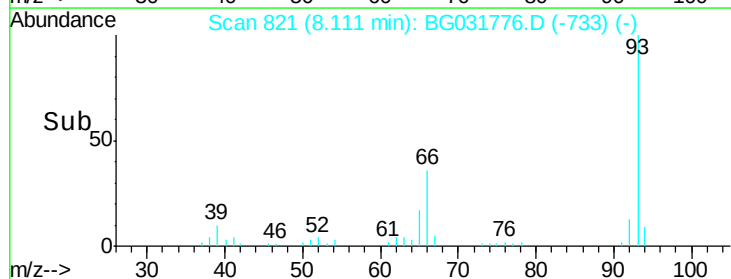
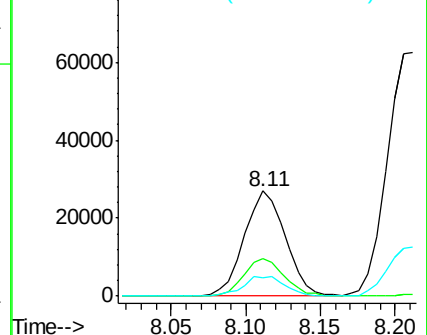
65 17.0 16.1 24.1

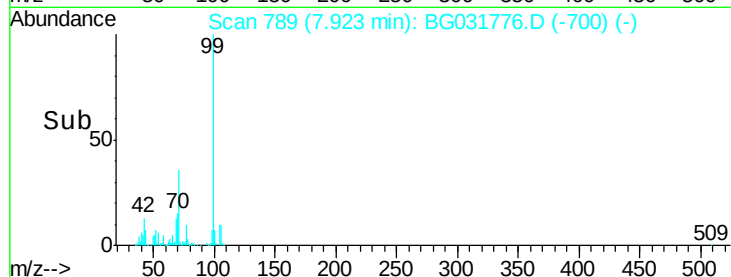
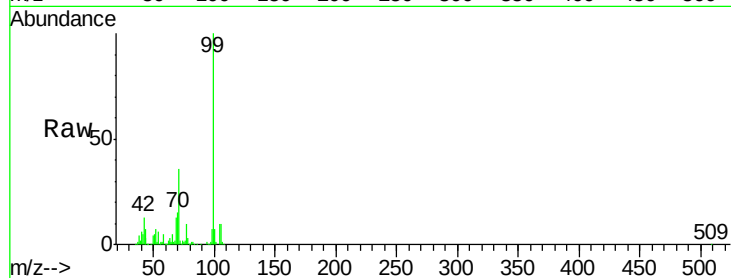
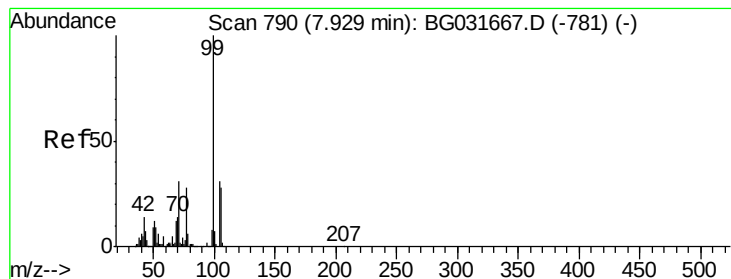


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 110.56 ng

RT: 7.92 min Scan# 789

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

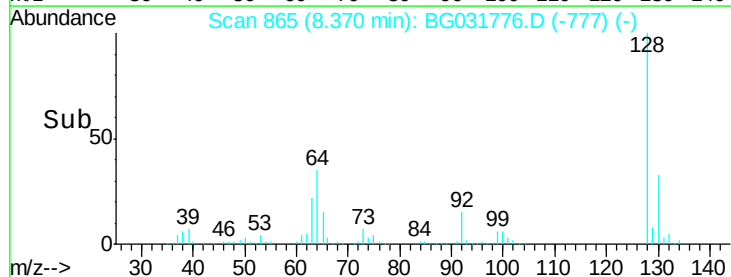
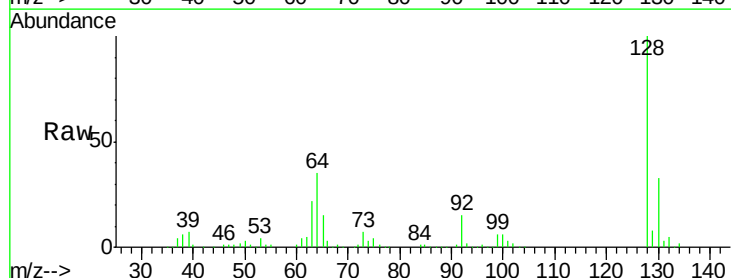
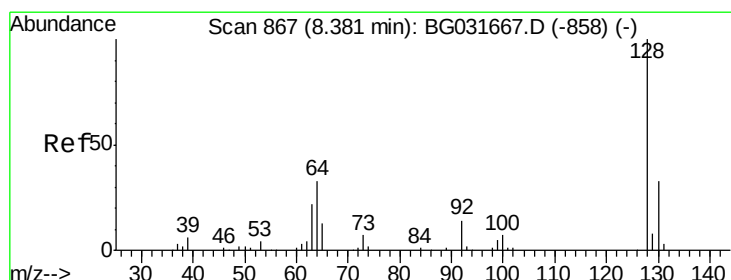
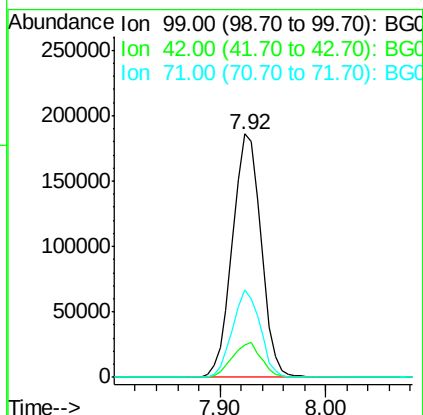
Tot Ion: 99 Resp: 347737

Ion Ratio Lower Upper

99 100

42 13.3 14.1 21.1#

71 35.8 26.1 39.1



#8

2-Chlorophenol

Concen: 49.76 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

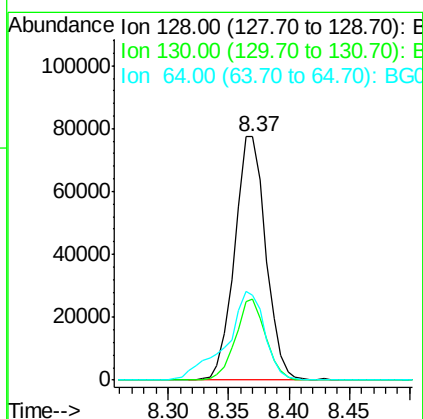
Tgt Ion: 128 Resp: 139819

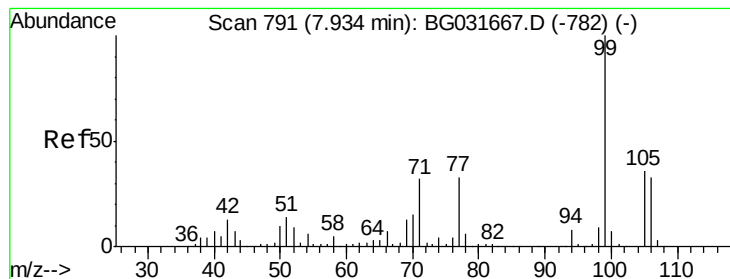
Ion Ratio Lower Upper

128 100

130 33.1 14.0 54.0

64 35.0 37.7 77.7#





#9

Benzaldehyde

Concen: 19.56 ng

RT: 7.92 min Scan# 788

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

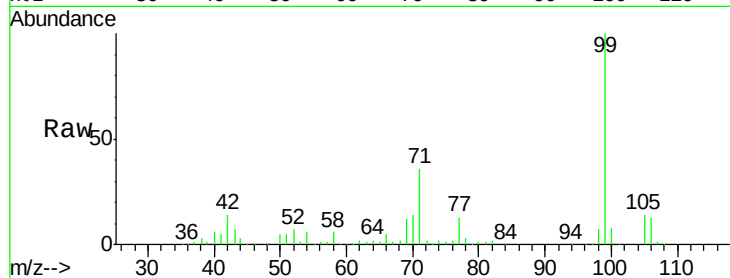
Tot Ion: 77 Resp: 37034

Ion Ratio Lower Upper

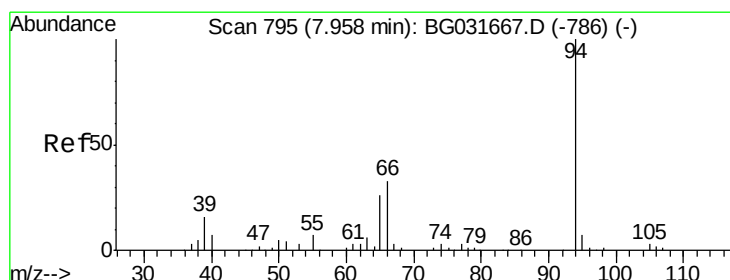
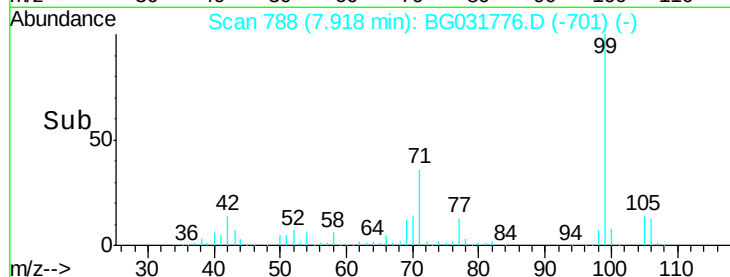
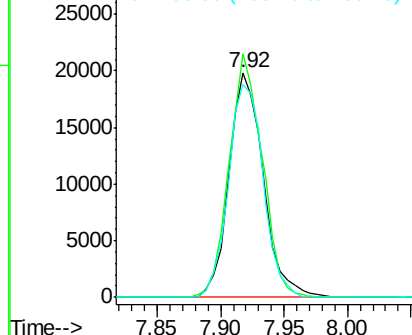
77 100

105 108.3 71.3 111.3

106 95.0 64.2 104.2



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: 50.46 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

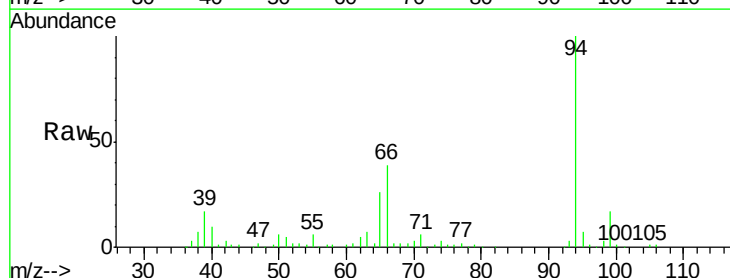
Tgt Ion: 94 Resp: 160228

Ion Ratio Lower Upper

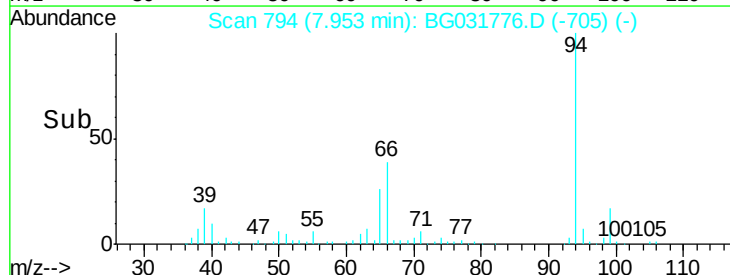
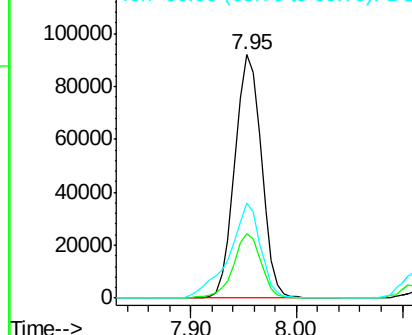
94 100

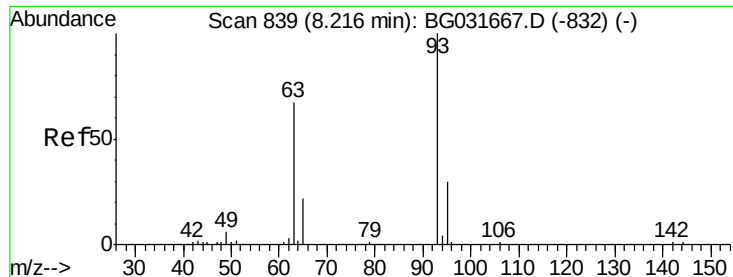
65 26.3 11.9 51.9

66 39.2 22.2 62.2



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: 41.03 ng

RT: 8.21 min Scan# 838

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

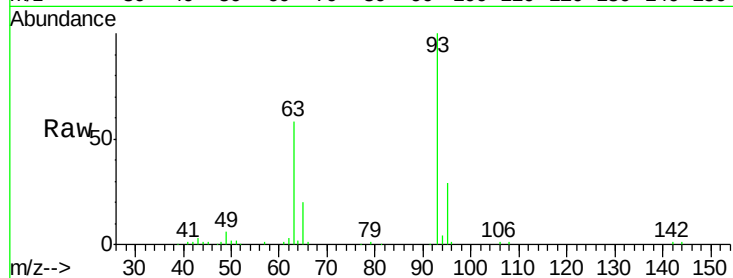
Tot Ion: 93 Resp: 108208

Ion Ratio Lower Upper

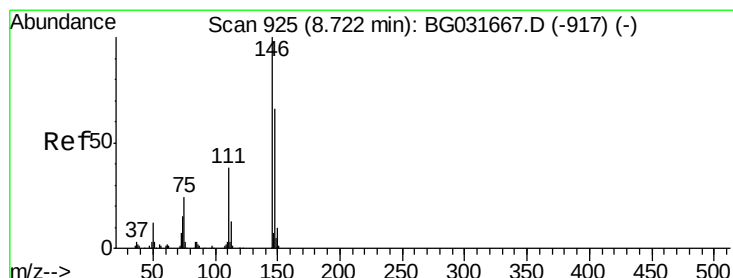
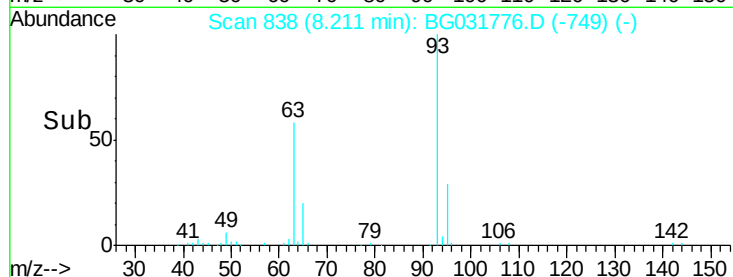
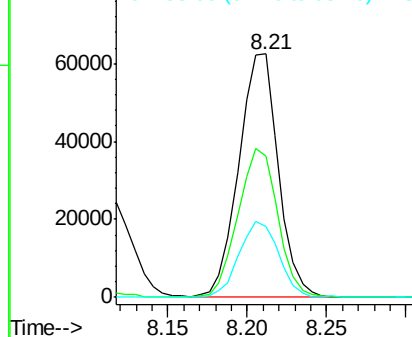
93 100

63 57.9 67.1 107.1#

95 29.3 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 42.11 ng

RT: 8.71 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

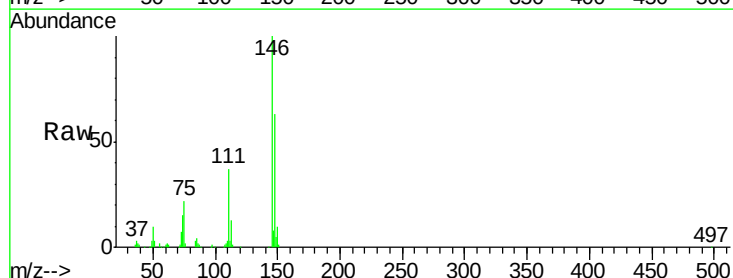
Tgt Ion: 146 Resp: 146951

Ion Ratio Lower Upper

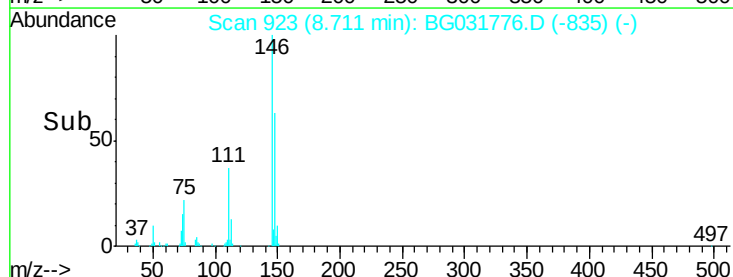
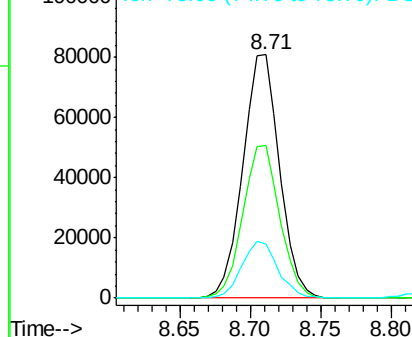
146 100

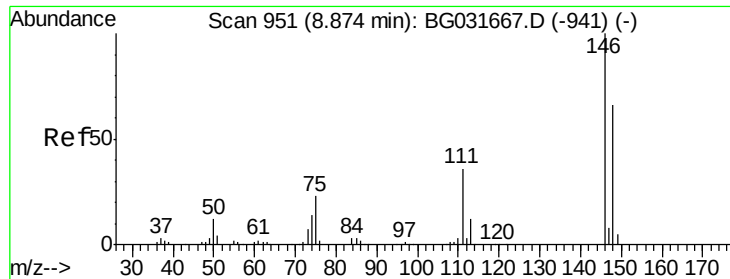
148 62.6 51.4 77.2

75 22.1 26.6 39.8#



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

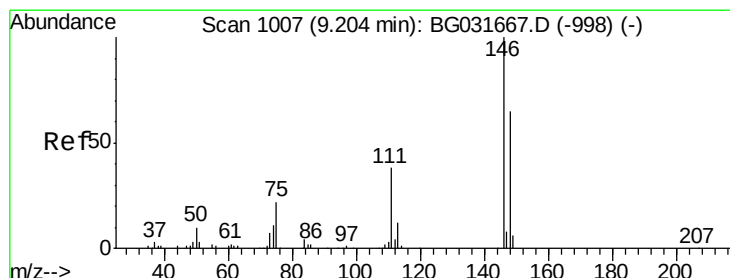
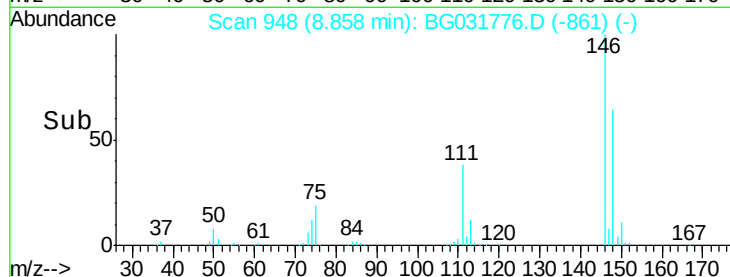
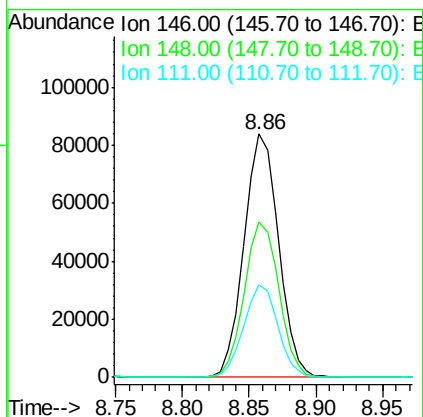
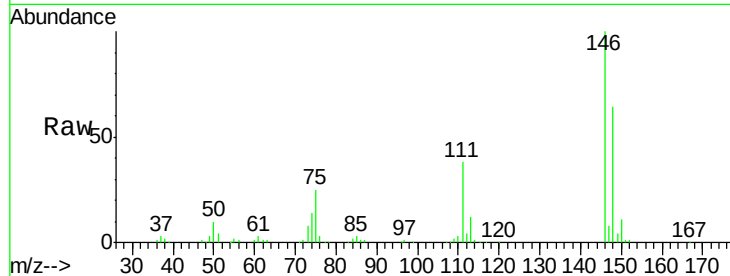




#13
 1,4-Dichlorobenzene
 Concen: 42.08 ng
 RT: 8.86 min Scan# 948
 Delta R.T. -0.02 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

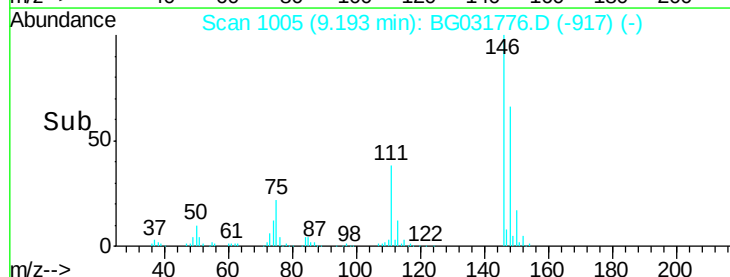
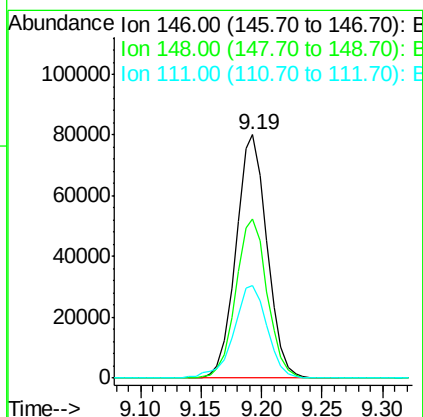
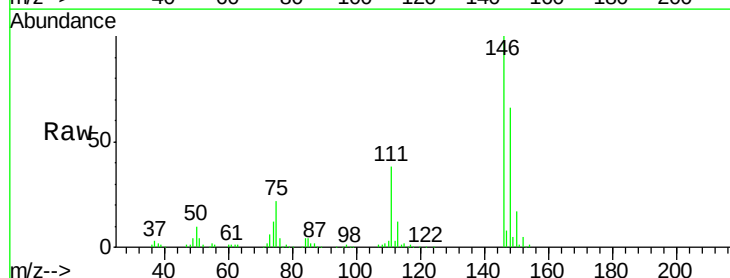
Instrument :
 BNA_G
 ClientSampleId :
 PB105316BS

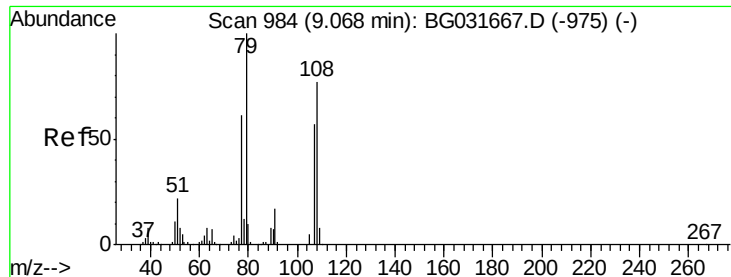
Tot Ion:146 Resp: 150006
 Ion Ratio Lower Upper
 146 100
 148 63.7 53.7 80.5
 111 37.9 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 42.50 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

Tgt Ion:146 Resp: 143533
 Ion Ratio Lower Upper
 146 100
 148 65.5 49.3 73.9
 111 37.8 34.3 51.5





#15

Benzyl Alcohol

Concen: 45.96 ng

RT: 9.06 min Scan# 982

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

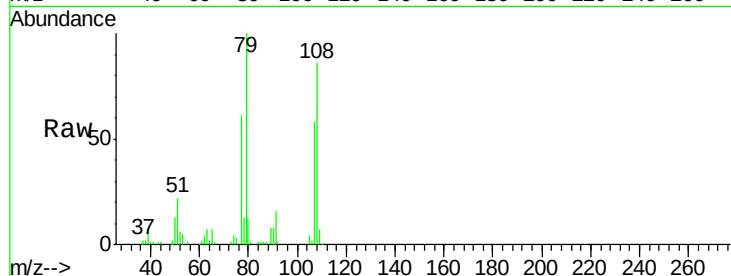
Tot Ion: 79 Resp: 108507

Ion Ratio Lower Upper

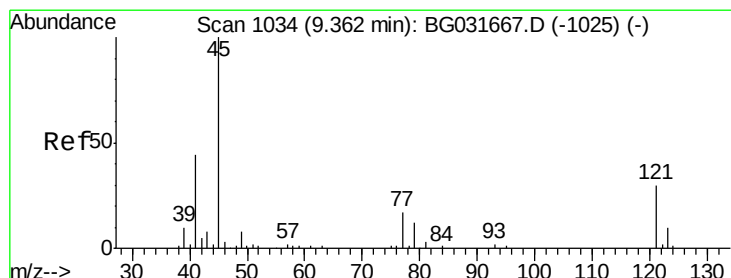
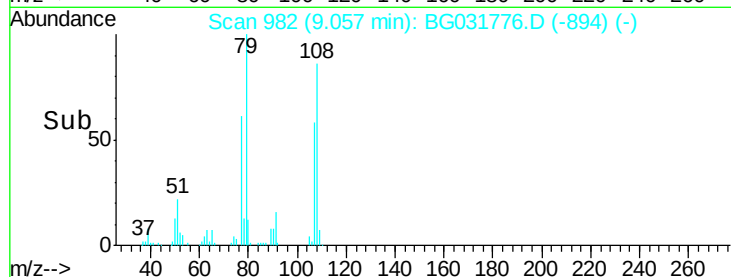
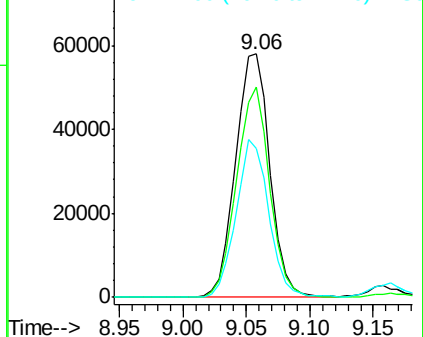
79 100

108 86.2 57.2 85.8#

77 61.3 46.1 69.1



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: 47.37 ng

RT: 9.36 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

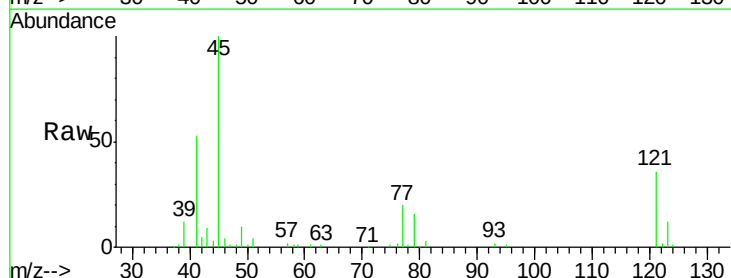
Tgt Ion: 45 Resp: 101720

Ion Ratio Lower Upper

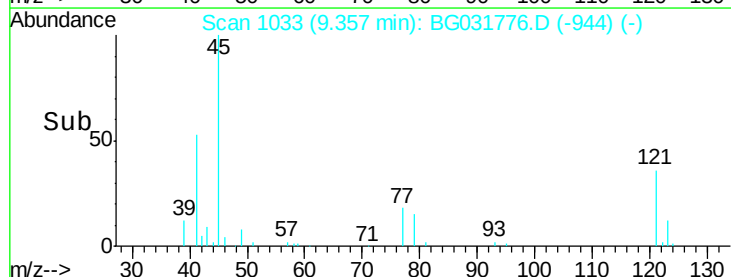
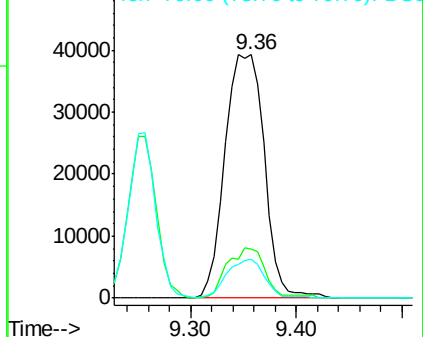
45 100

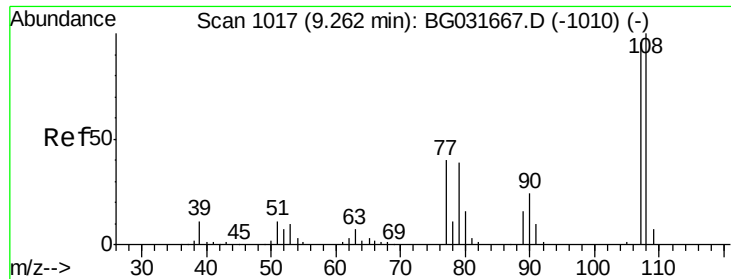
77 20.1 0.0 30.2

79 15.7 0.0 27.9



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

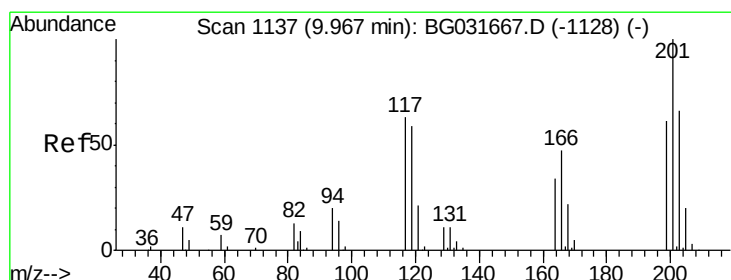
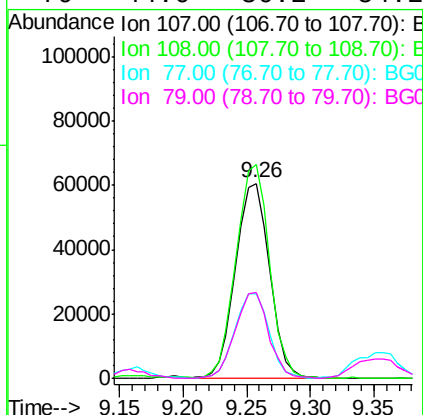
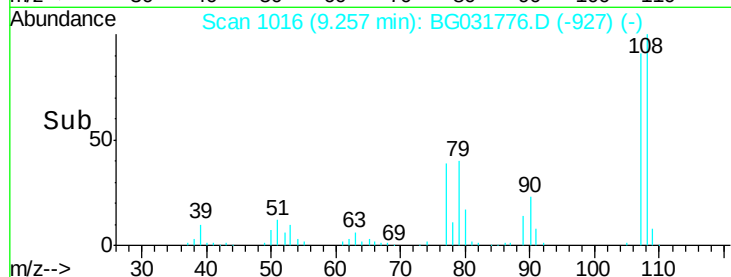
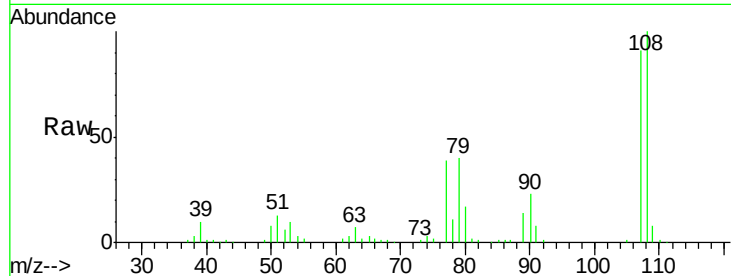




#17
2-Methylphenol
Concen: 49.85 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

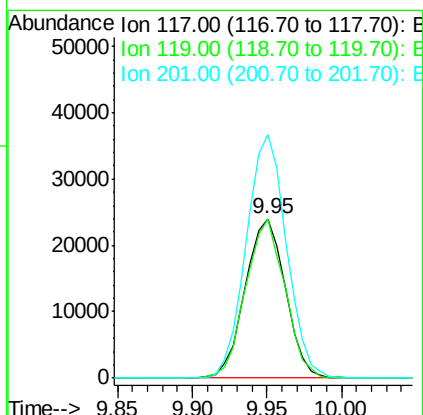
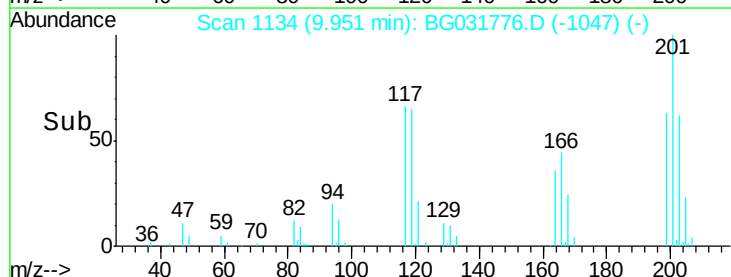
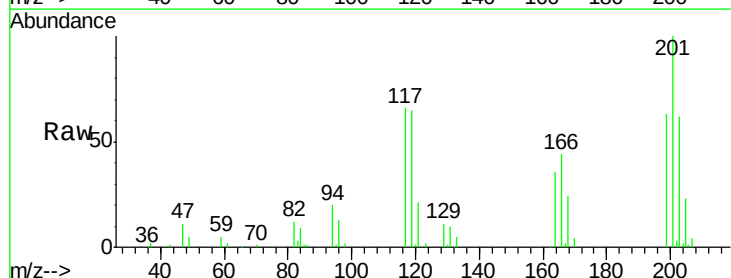
Instrument :
BNA_G
ClientSampleId :
PB105316BS

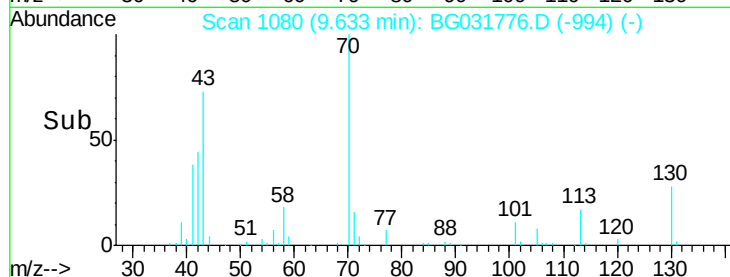
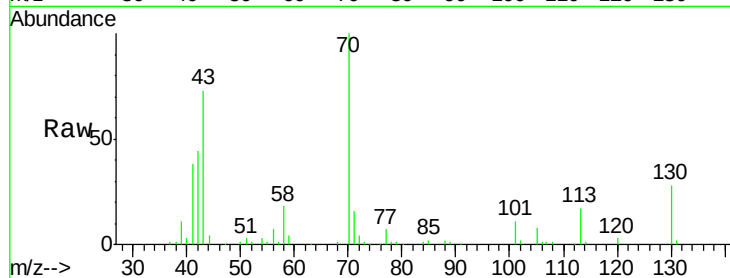
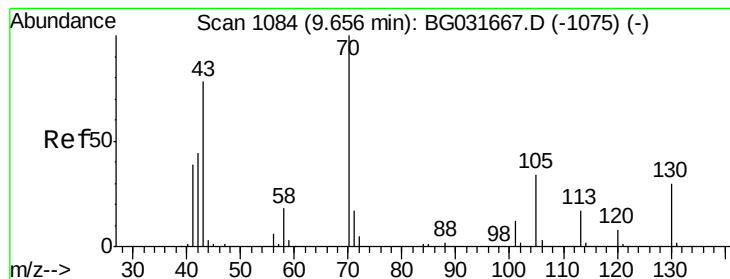
Tot Ion	Ratio	Lower	Upper
107	100		
108	109.6	83.9	125.9
77	43.2	37.2	55.8
79	44.0	36.2	54.2



#18
Hexachloroethane
Concen: 41.35 ng
RT: 9.95 min Scan# 1134
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.7	115.1
201	152.6	95.7	143.5#





#19

n-Nitroso-di-n-propylamine

Concen: 38.64 ng

RT: 9.63 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

Tot Ion: 70 Resp: 83001

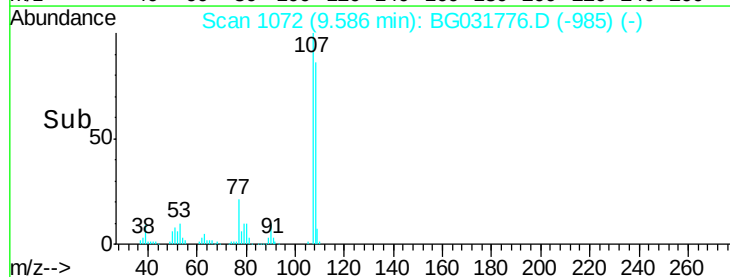
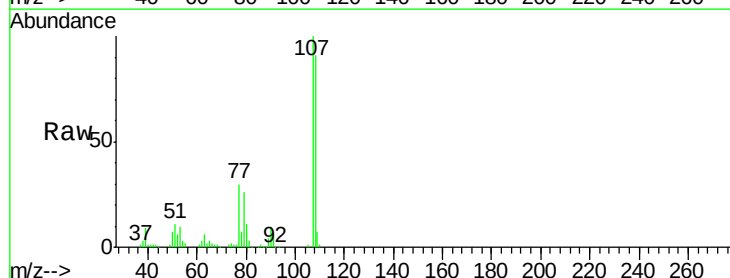
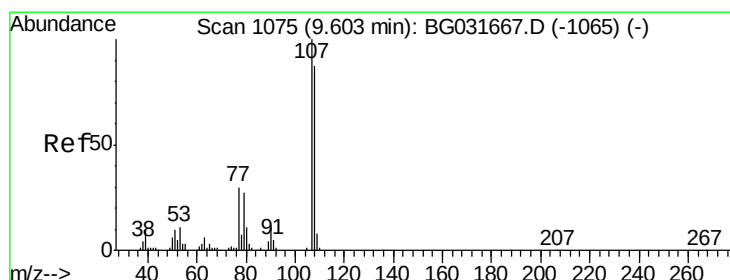
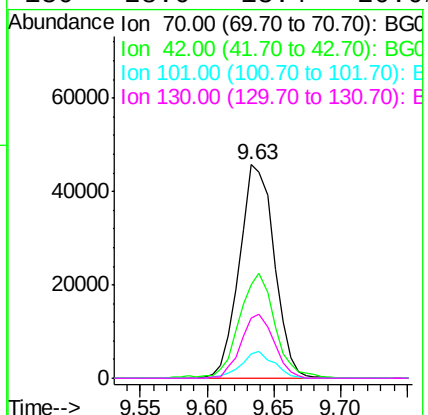
Ion Ratio Lower Upper

70 100

42 43.9 49.1 73.7#

101 11.4 8.5 12.7

130 28.0 13.4 20.0#



#20

3+4-Methylphenols

Concen: 48.18 ng

RT: 9.59 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Tgt Ion:107 Resp: 155592

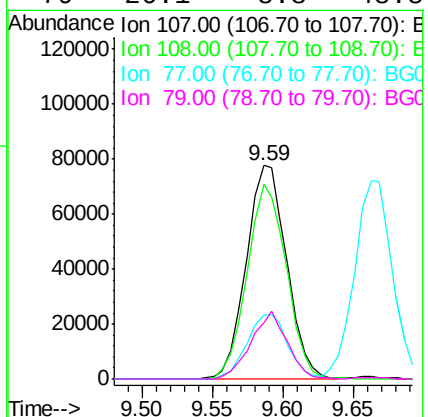
Ion Ratio Lower Upper

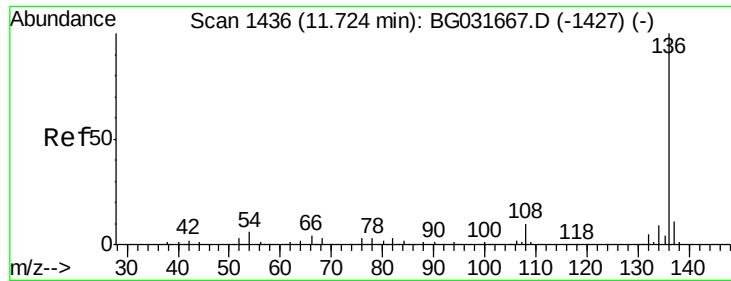
107 100

108 91.4 61.6 101.6

77 30.0 13.9 53.9

79 26.1 8.8 48.8

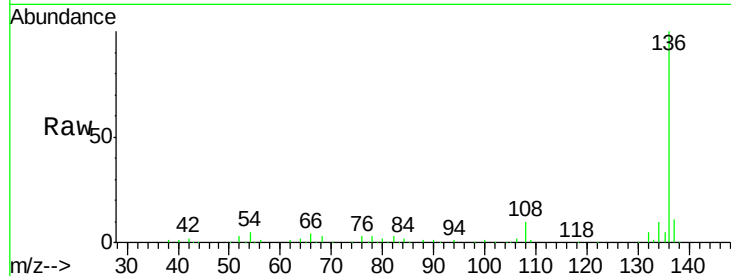




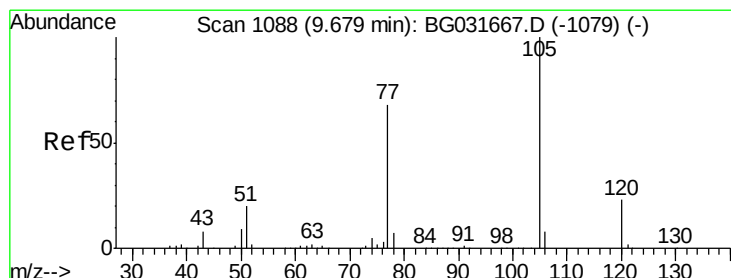
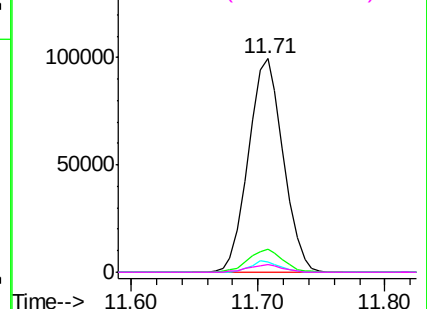
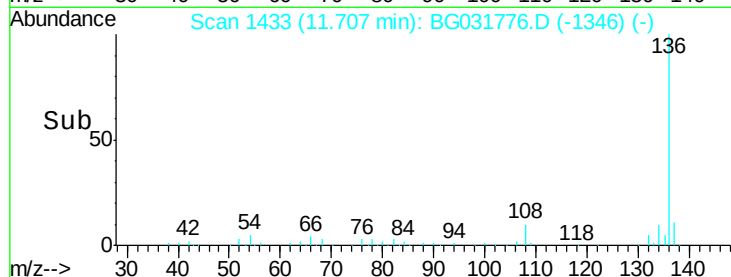
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.71 min Scan# 1433
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Instrument :
BNA_G
ClientSampleId :
PB105316BS

Tot Ion:136	Resp:	188703
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	4.7	10.3 15.5#
68	3.5	4.5 6.7#

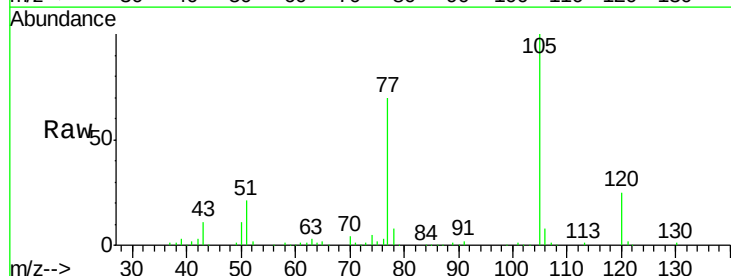


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

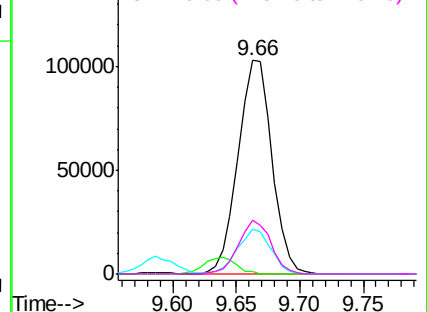
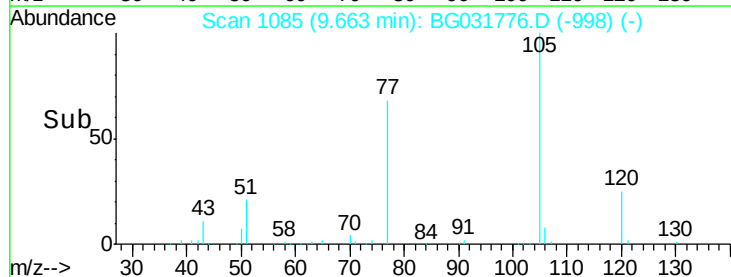


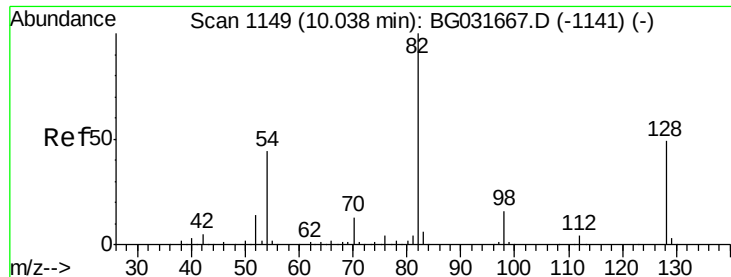
#22
Acetophenone
Concen: 43.46 ng
RT: 9.66 min Scan# 1085
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:105	Resp:	190514
Ion Ratio	Lower	Upper
105	100	
71	0.9	3.0 4.4#
51	20.8	26.1 39.1#
120	25.1	17.4 26.2



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

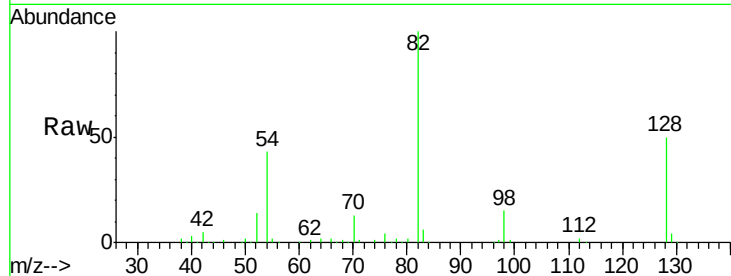




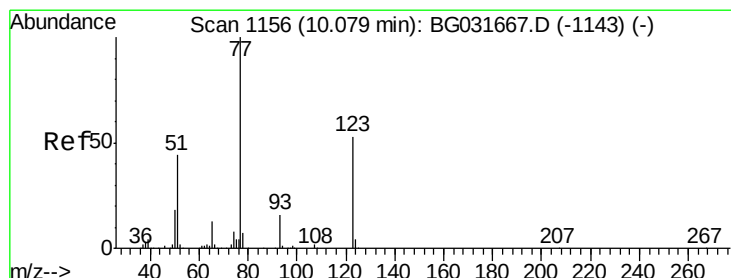
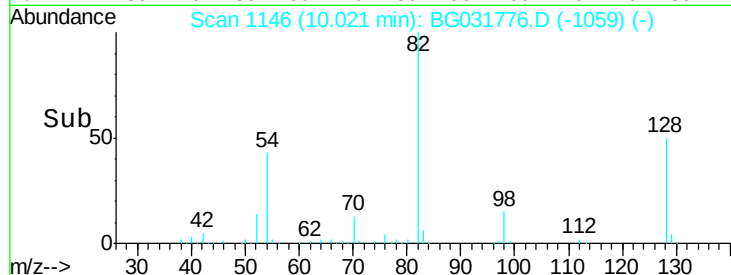
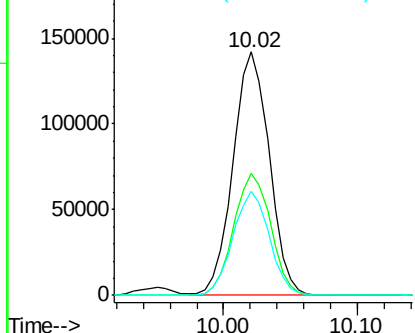
#23
 Nitrobenzene-d5
 Concen: 107.13 ng
 RT: 10.02 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BS

Tot Ion: 82 Resp: 267714
 Ion Ratio Lower Upper
 82 100
 128 50.1 29.7 44.5#
 54 42.9 43.1 64.7#

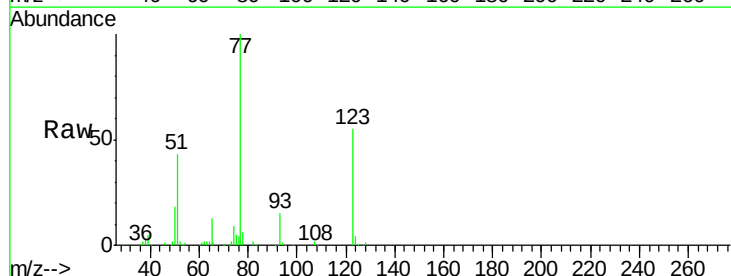


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

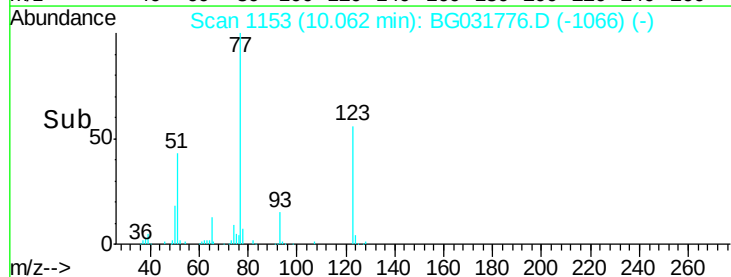
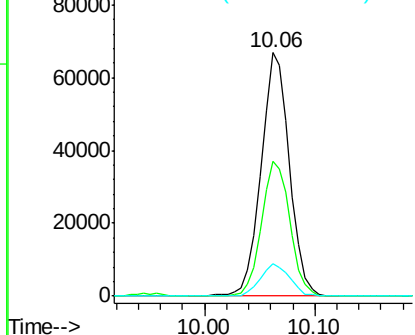


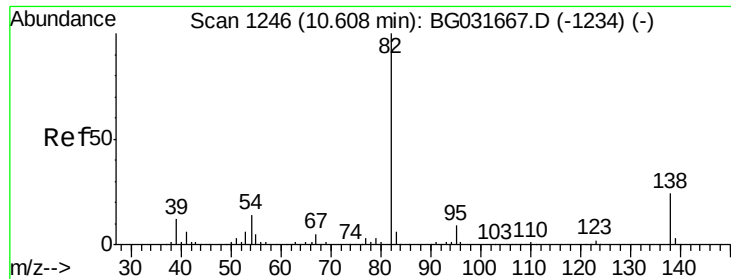
#24
 Nitrobenzene
 Concen: 46.58 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

Tgt Ion: 77 Resp: 119972
 Ion Ratio Lower Upper
 77 100
 123 55.4 33.0 49.6#
 65 13.3 13.0 19.6



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





#25

Isophorone

Concen: 44.53 ng

RT: 10.59 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

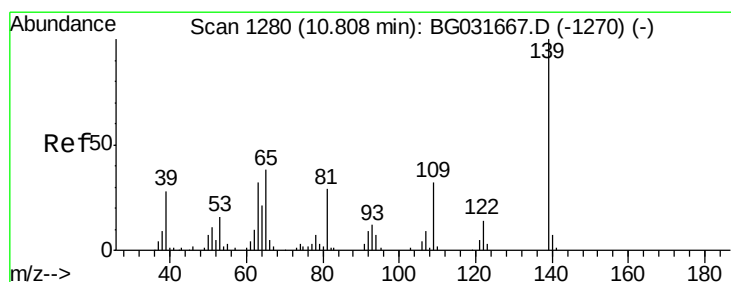
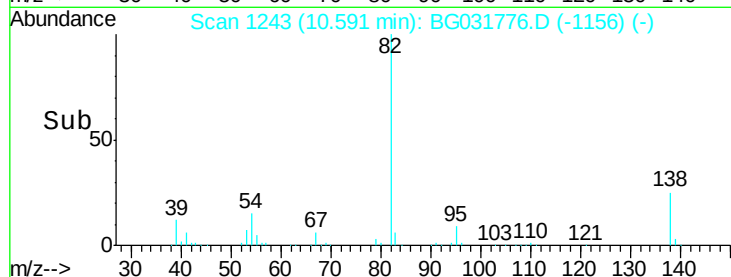
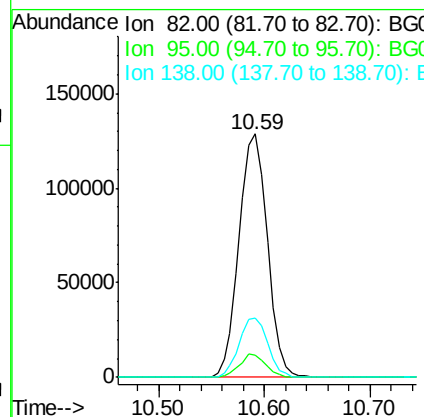
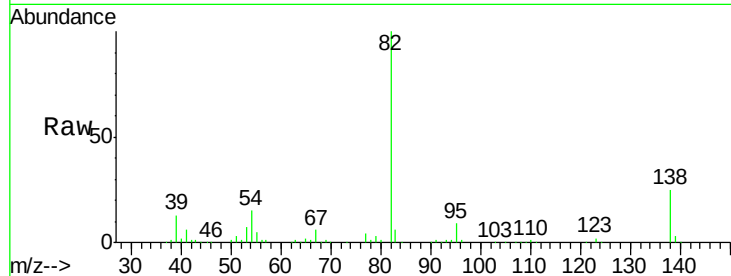
Tot Ion: 82 Resp: 239577

Ion Ratio Lower Upper

82 100

95 9.3 6.2 9.2#

138 24.6 12.1 18.1#



#26

2-Nitrophenol

Concen: 56.47 ng

RT: 10.79 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

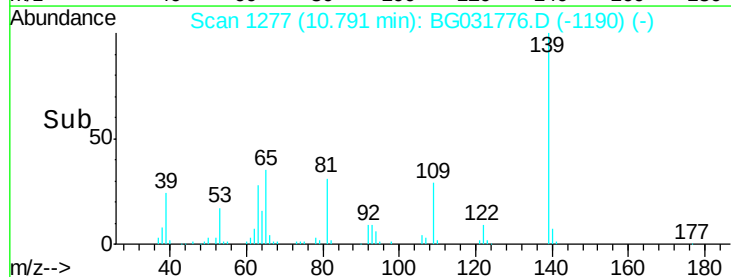
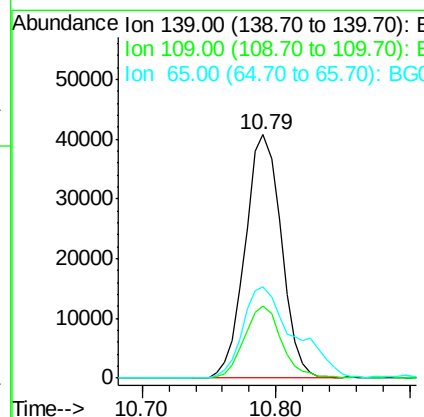
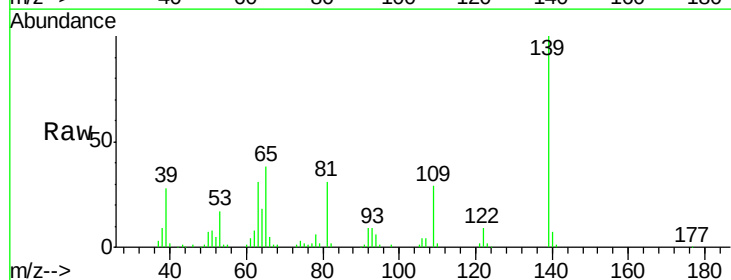
Tgt Ion: 139 Resp: 76254

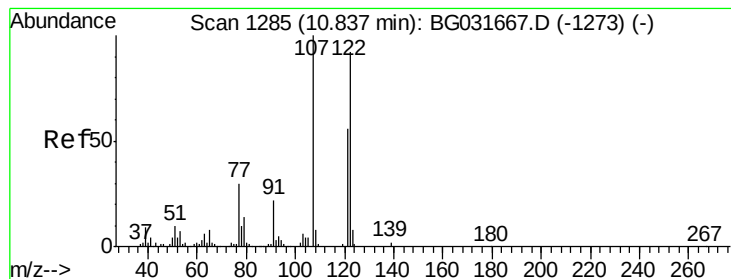
Ion Ratio Lower Upper

139 100

109 29.4 24.2 36.2

65 37.6 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 51.64 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

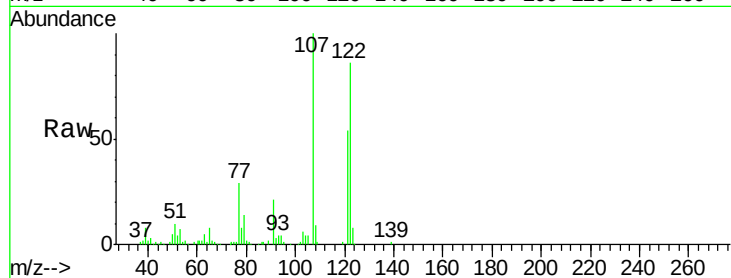
Tot Ion:122 Resp: 146751

Ion Ratio Lower Upper

122 100

107 116.2 100.2 150.2

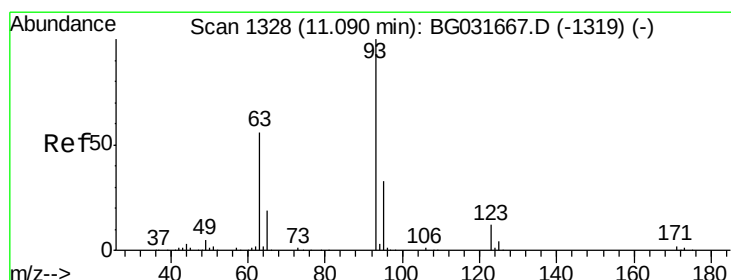
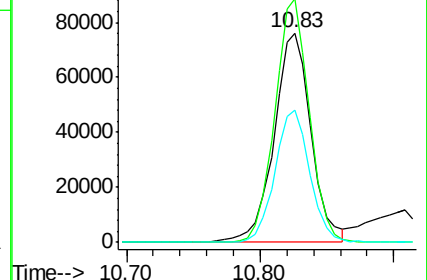
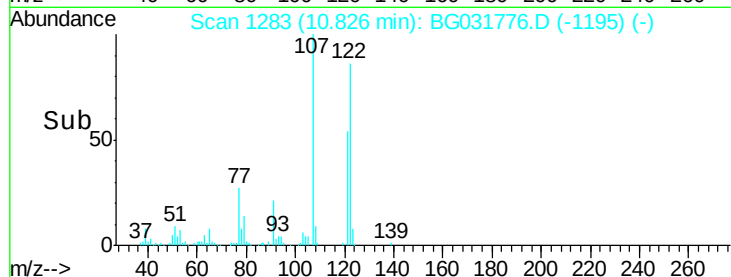
121 62.9 44.4 66.6



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: 42.50 ng

RT: 11.07 min Scan# 1324

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

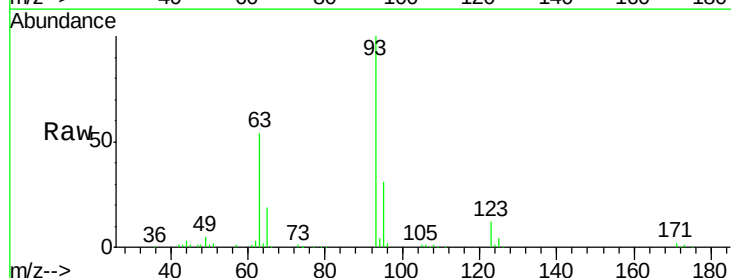
Tgt Ion: 93 Resp: 153420

Ion Ratio Lower Upper

93 100

95 30.7 24.3 36.5

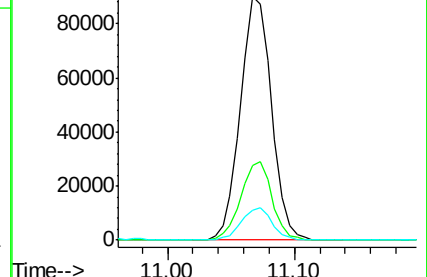
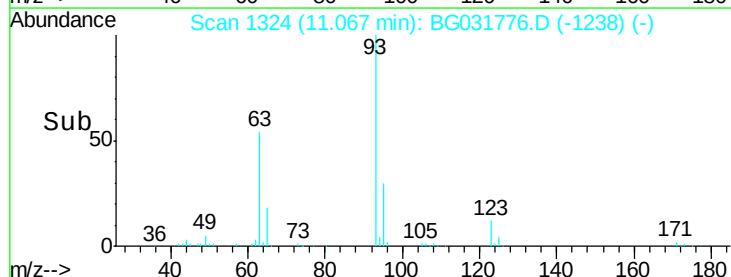
123 12.3 8.4 12.6

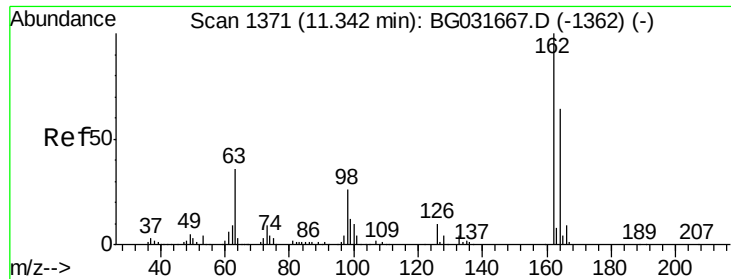


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

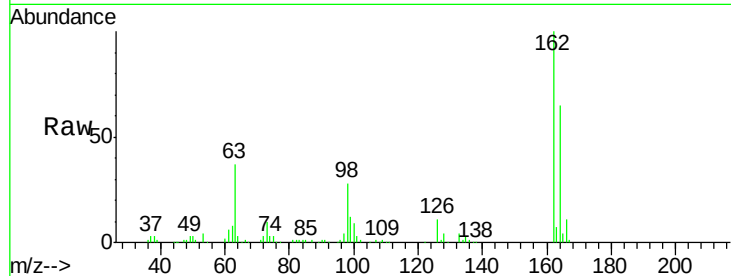




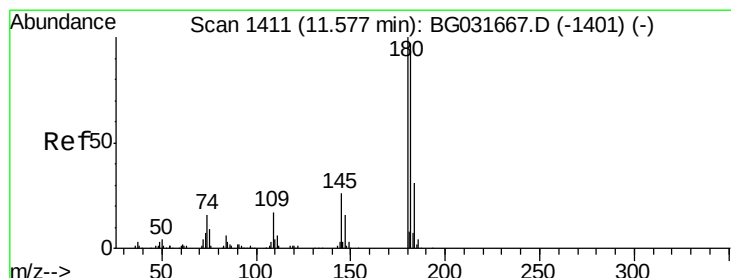
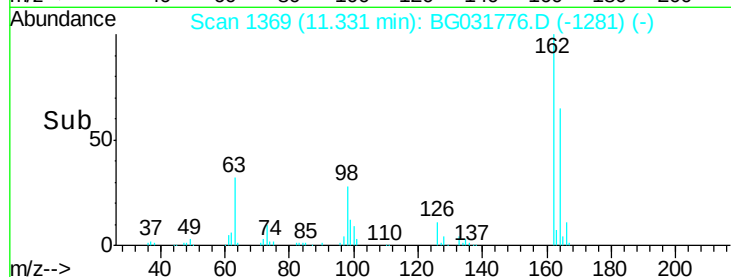
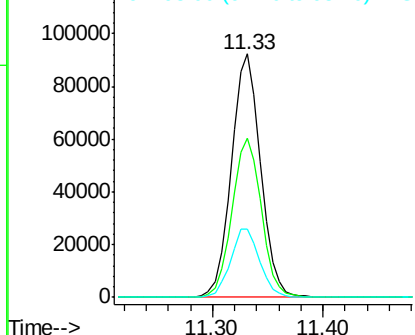
#29
2,4-Dichlorophenol
Concen: 51.32 ng
RT: 11.33 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Instrument :
BNA_G
ClientSampleId :
PB105316BS

Tot Ion:162 Resp: 171204
Ion Ratio Lower Upper
162 100
164 65.1 48.0 88.0
98 28.0 21.1 61.1

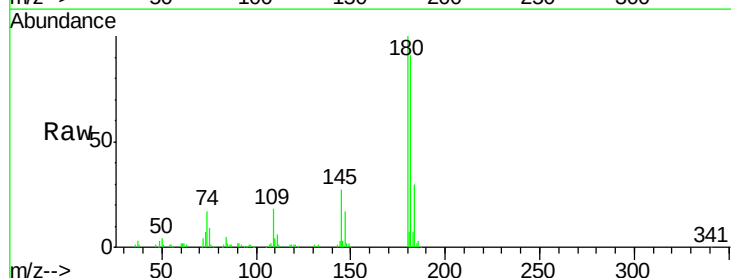


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

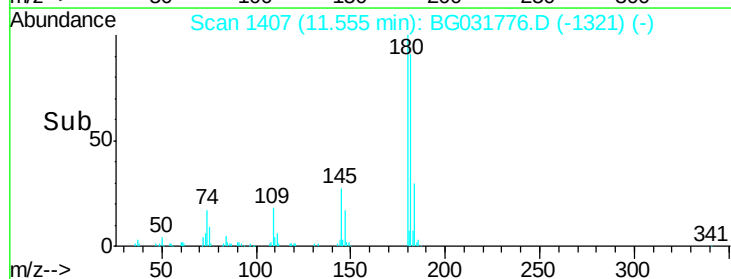
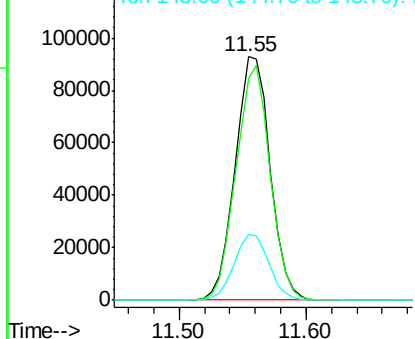


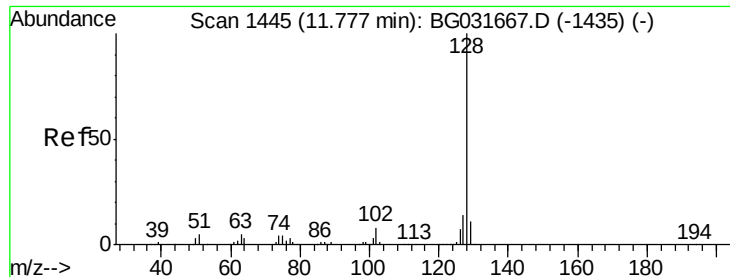
#30
1,2,4-Trichlorobenzene
Concen: 43.55 ng
RT: 11.55 min Scan# 1407
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:180 Resp: 177377
Ion Ratio Lower Upper
180 100
182 91.3 77.5 116.3
145 26.9 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

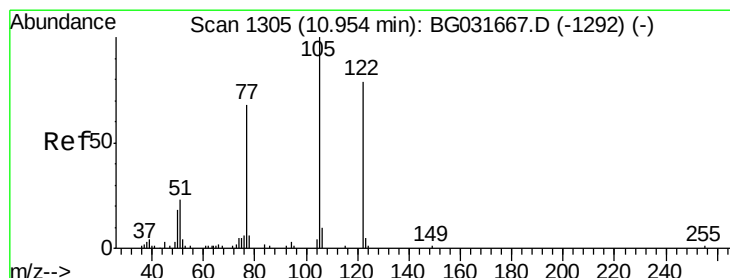
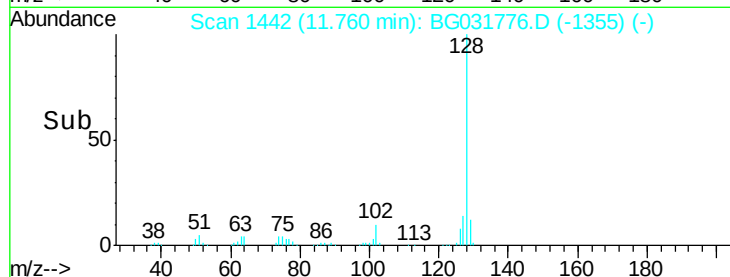
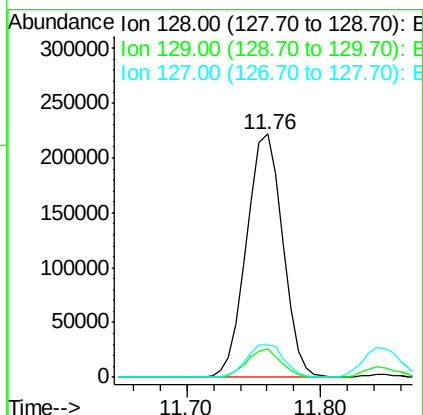
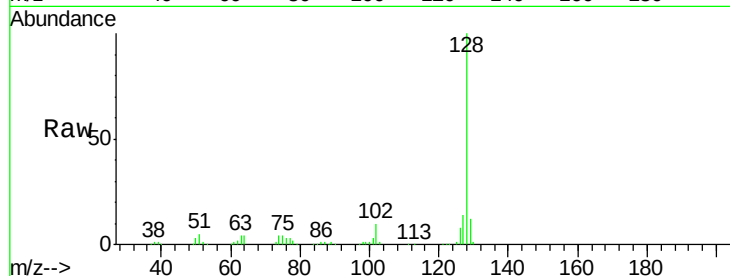




#31
Naphthalene
Concen: 43.78 ng
RT: 11.76 min Scan# 1442
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

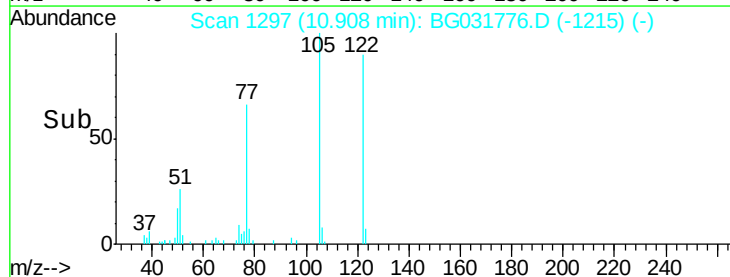
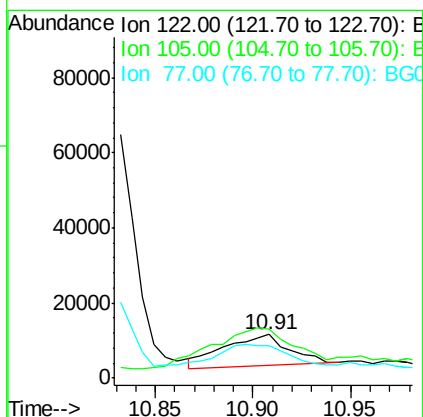
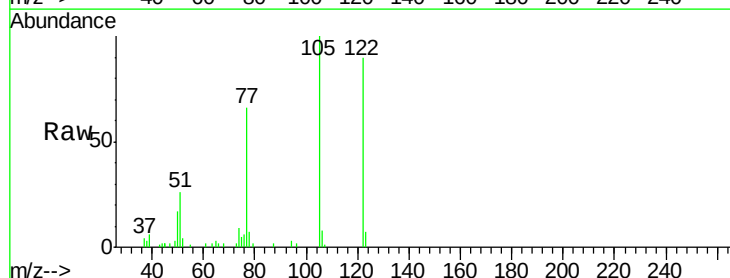
Instrument :
BNA_G
ClientSampleId :
PB105316BS

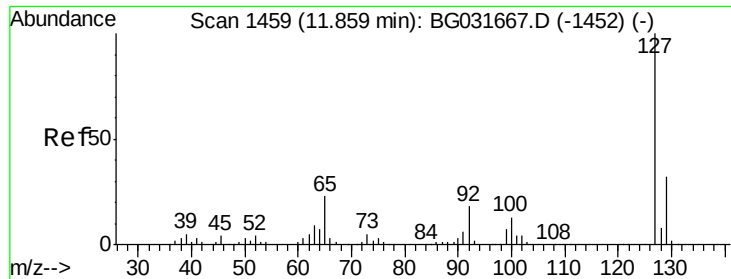
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	13.5	11.6	17.4



#32
Benzoic acid
Concen: 15.47 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.05 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
122	100		
105	111.1	123.5	163.5#
77	72.9	85.7	125.7#

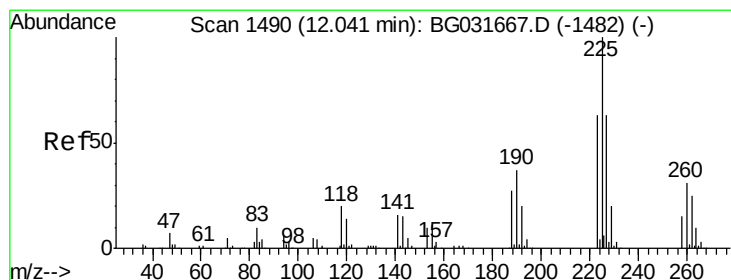
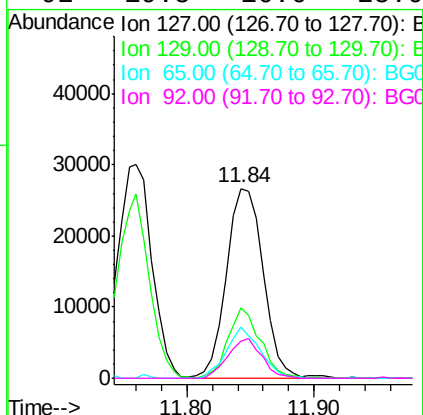
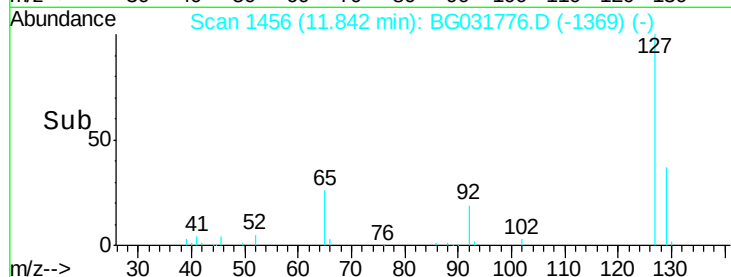
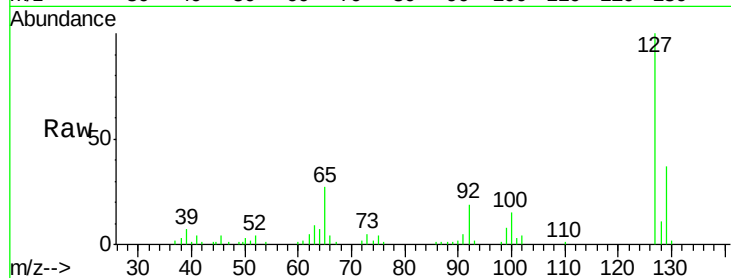




#33
4-Chloroaniline
Concen: 12.68 ng
RT: 11.84 min Scan# 1456
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

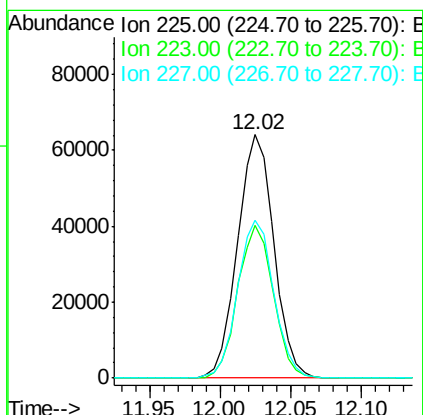
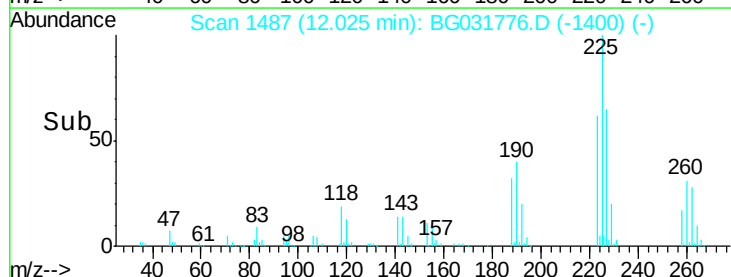
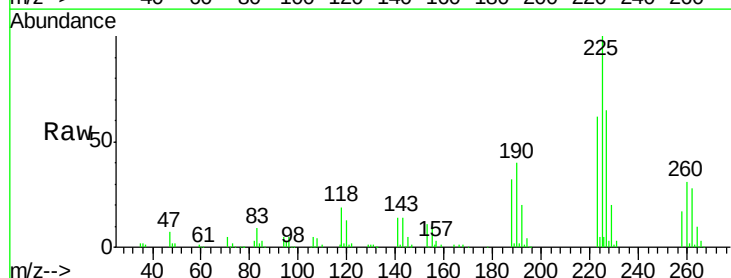
Instrument :
BNA_G
ClientSampleId :
PB105316BS

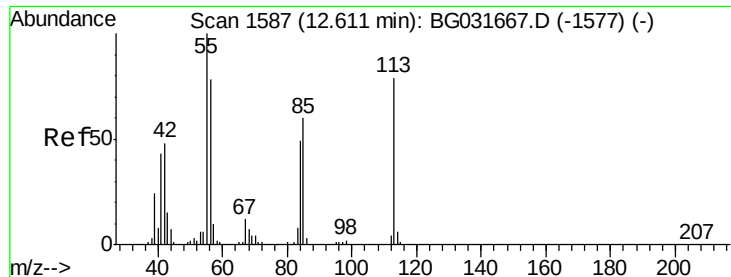
Tot Ion:	127	Resp:	53780
Ion	Ratio	Lower	Upper
127	100		
129	37.0	24.0	36.0#
65	26.9	27.0	40.4#
92	19.5	16.6	25.0



#34
Hexachlorobutadiene
Concen: 41.21 ng
RT: 12.02 min Scan# 1487
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:	225	Resp:	115235
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.7	74.5
227	64.9	48.1	72.1





#35

Caprolactam

Concen: 56.82 ng

RT: 12.61 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

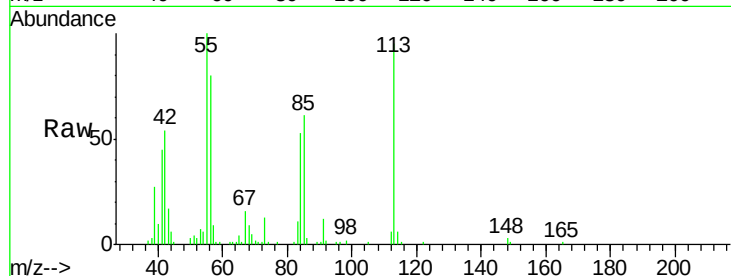
Tot Ion:113 Resp: 57452

Ion Ratio Lower Upper

113 100

55 104.9 186.9 226.9#

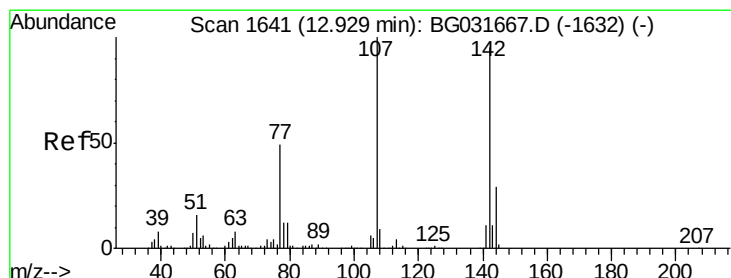
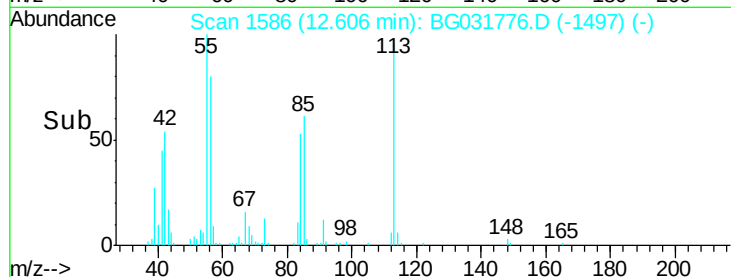
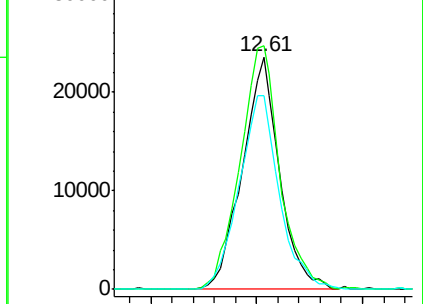
56 83.4 130.9 170.9#



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: 50.44 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

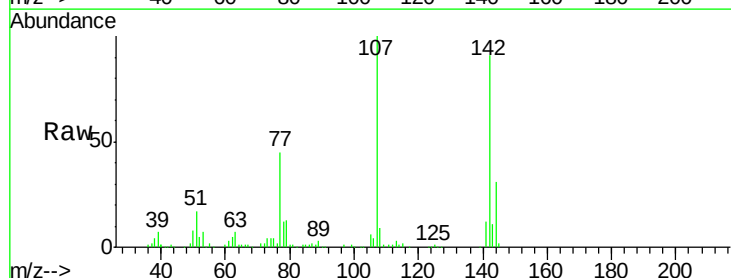
Tgt Ion:107 Resp: 155413

Ion Ratio Lower Upper

107 100

144 30.7 18.2 27.4#

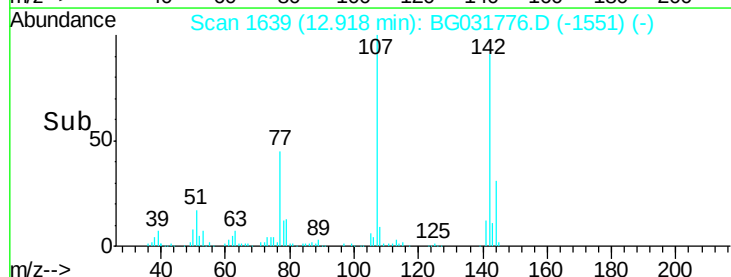
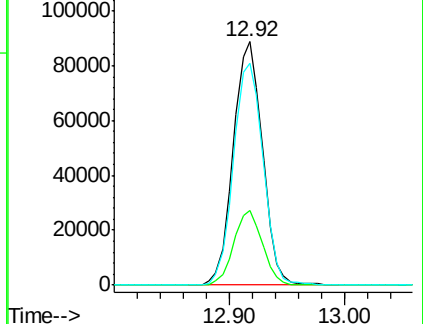
142 91.4 59.0 88.4#

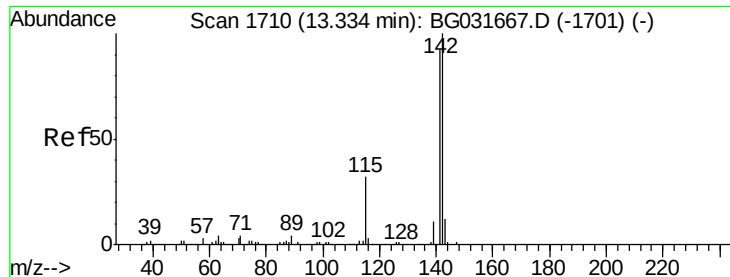


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

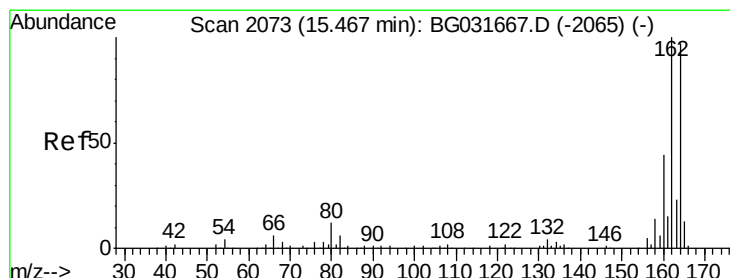
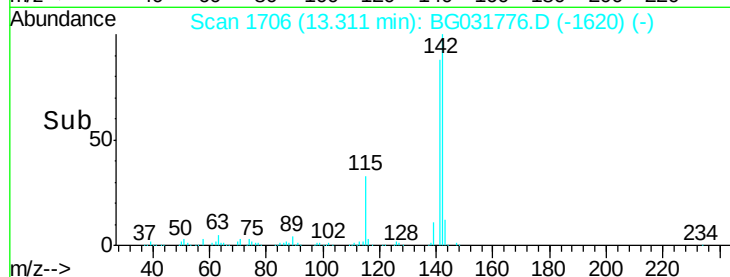
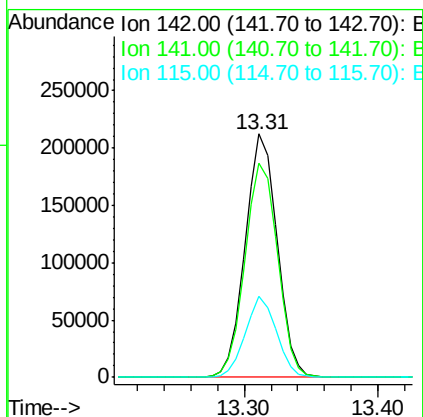
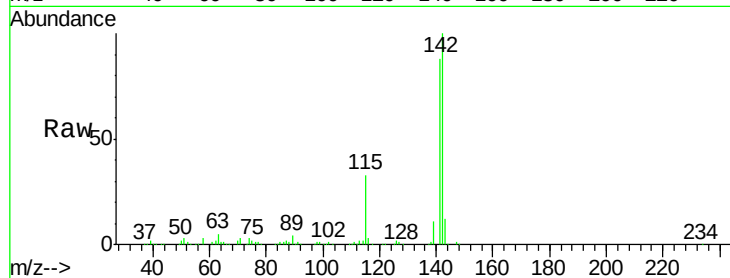




#37
2-Methylnaphthalene
Concen: 45.27 ng
RT: 13.31 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

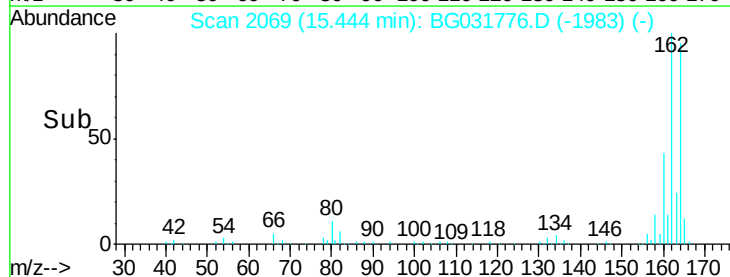
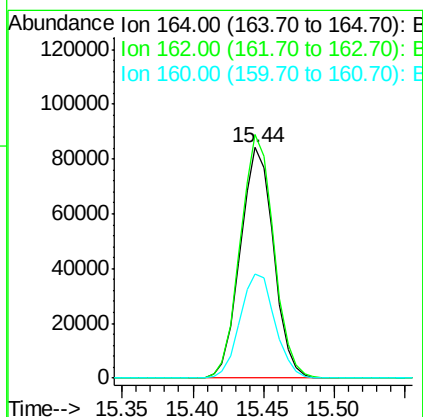
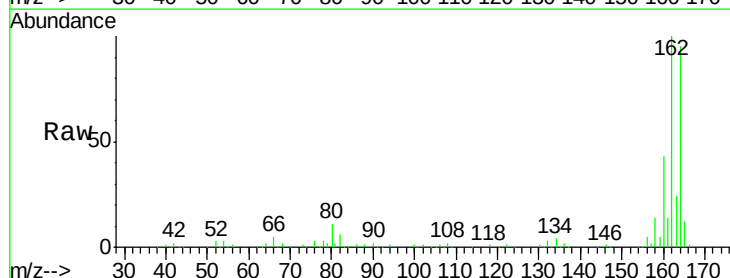
Instrument :
BNA_G
ClientSampleId :
PB105316BS

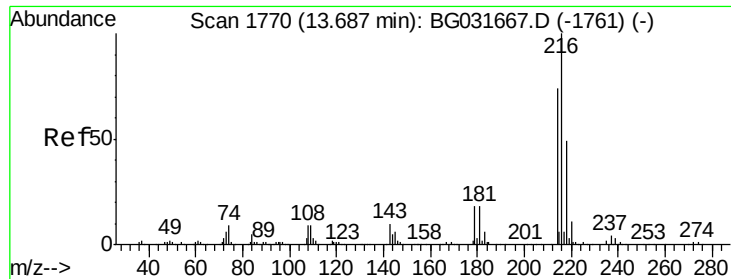
Tot Ion:142 Resp: 349535
Ion Ratio Lower Upper
142 100
141 87.7 67.1 100.7
115 33.2 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.44 min Scan# 2069
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:164 Resp: 138913
Ion Ratio Lower Upper
164 100
162 105.8 78.8 118.2
160 45.4 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.81 ng

RT: 13.66 min Scan# 1766

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

Tot Ion:216 Resp: 244644

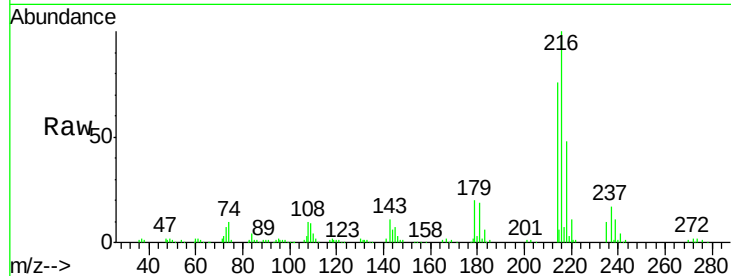
Ion Ratio Lower Upper

216 100

214 76.6 63.0 94.4

179 18.5 17.0 25.6

108 11.9 12.8 19.2#

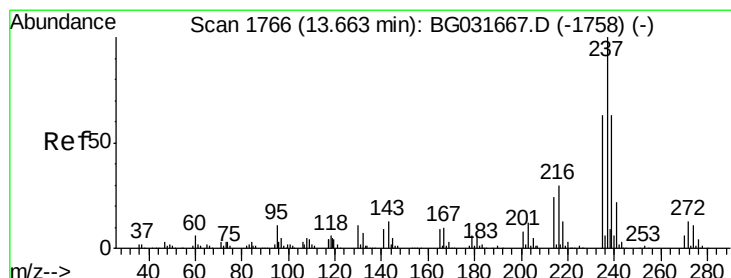
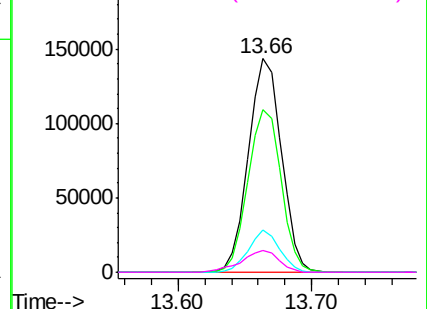
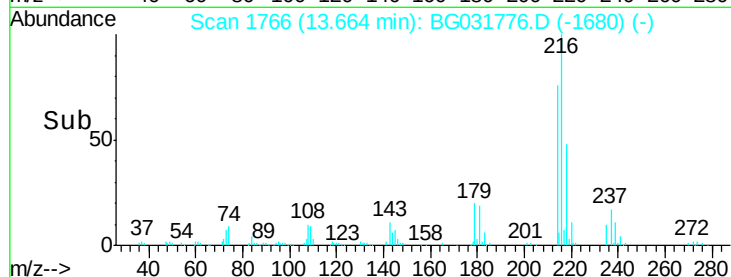


Abundance Ion 216.00 (215.70 to 216.70): E

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: 100.20 ng

RT: 13.64 min Scan# 1762

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

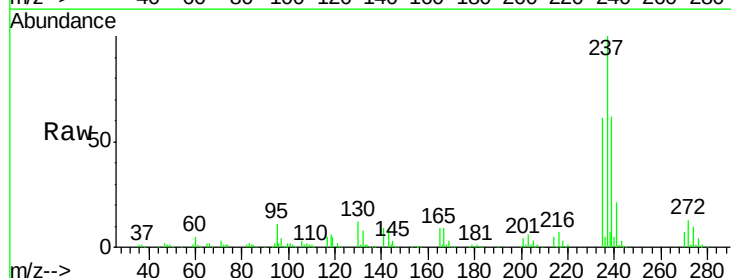
Tgt Ion:237 Resp: 309292

Ion Ratio Lower Upper

237 100

235 60.6 50.4 90.4

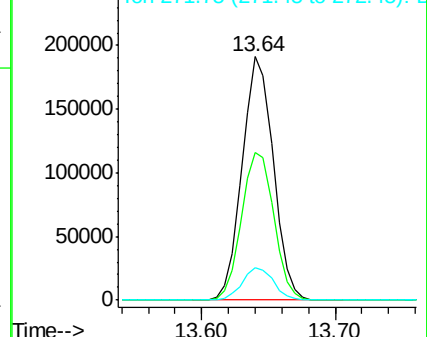
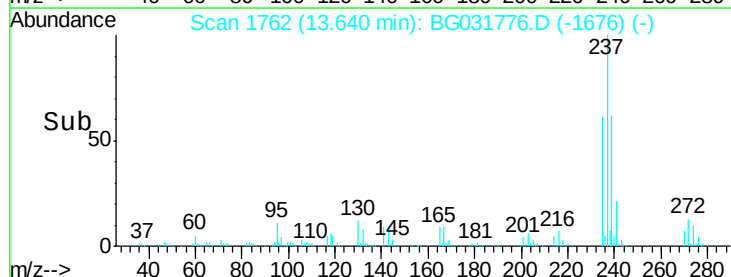
272 13.3 0.0 31.8

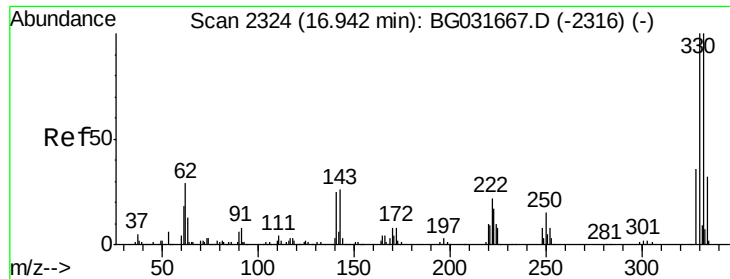


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 117.61 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

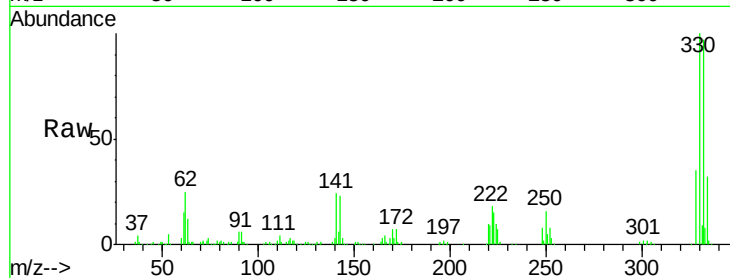
Tot Ion:330 Resp: 249282

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

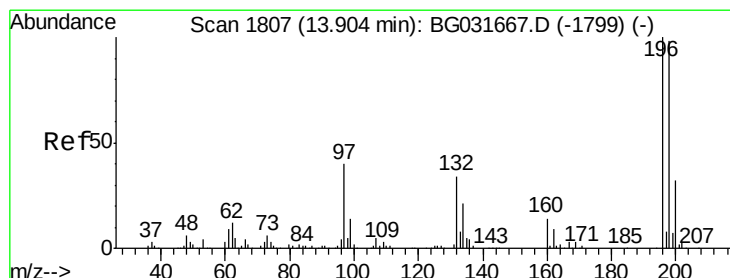
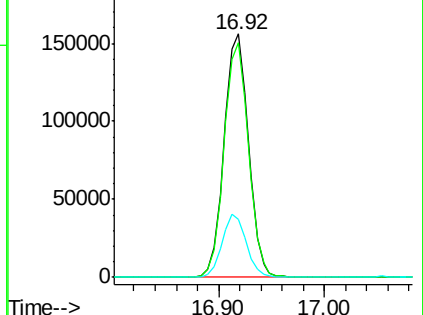
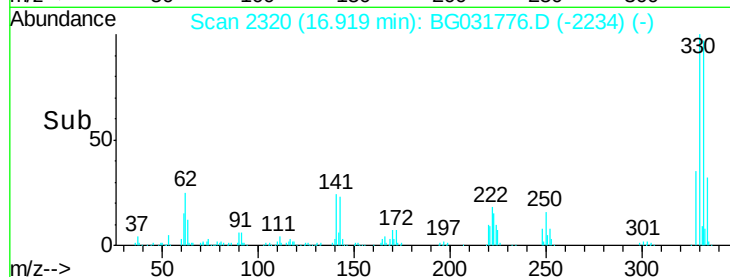
141 25.7 25.2 37.8



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: 47.62 ng

RT: 13.89 min Scan# 1804

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

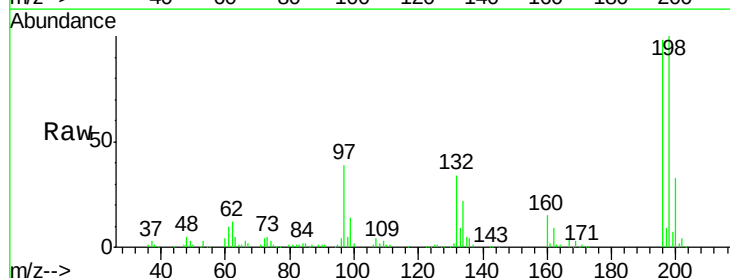
Tgt Ion:196 Resp: 160635

Ion Ratio Lower Upper

196 100

198 102.1 78.2 117.2

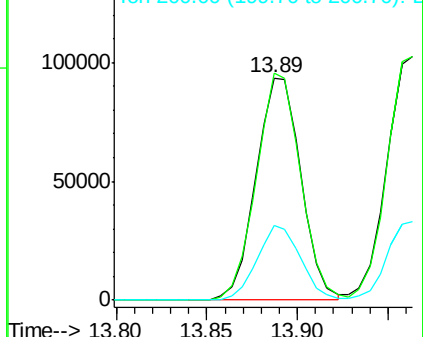
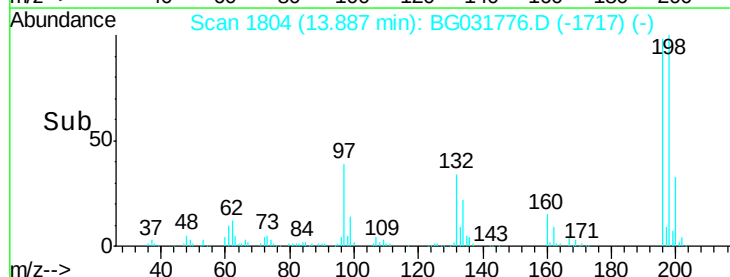
200 33.8 24.6 36.8

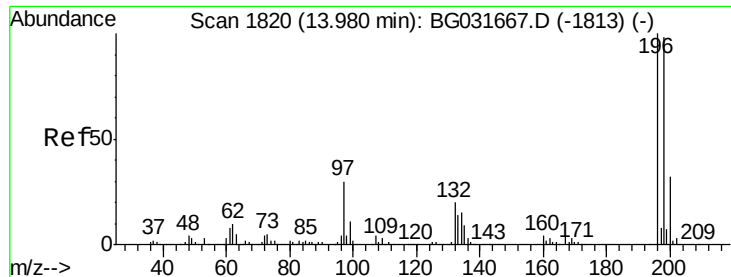


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

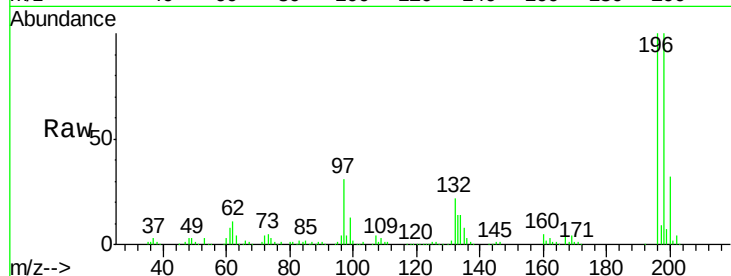




#43
2,4,5-Trichlorophenol
Concen: 47.96 ng
RT: 13.96 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Instrument :
BNA_G
ClientSampleId :
PB105316BS

Tot Ion	Ion	Ratio	Lower	Upper
196	196	100		
198	198	100.1	76.2	114.4
97	97	31.5	38.7	58.1
132	132	21.6	20.2	30.2



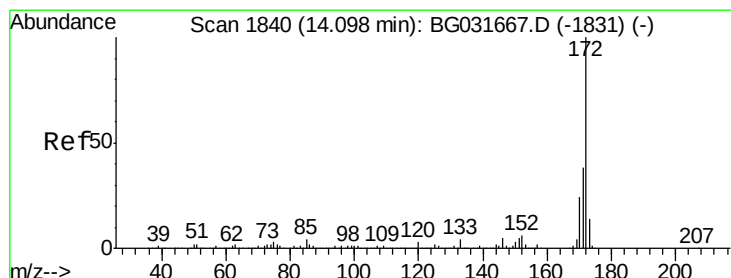
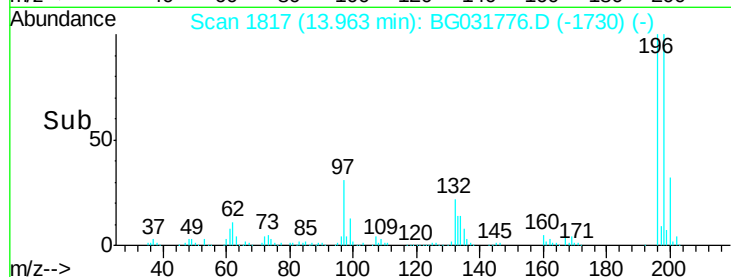
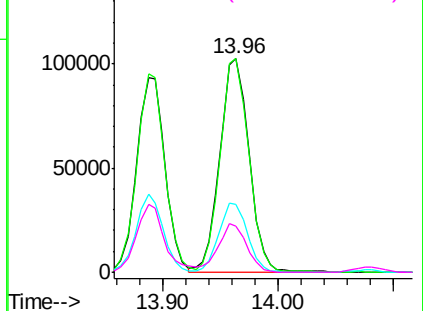
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
2-Fluorobiphenyl
Concen: 91.73 ng
RT: 14.08 min Scan# 1836
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

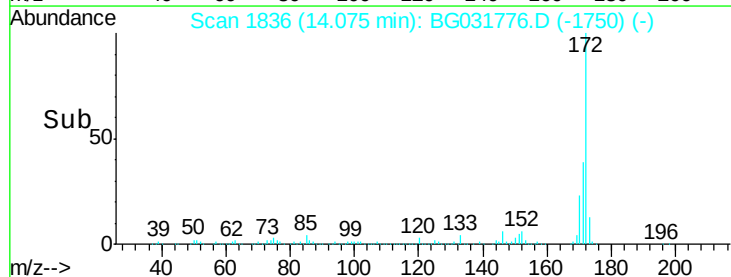
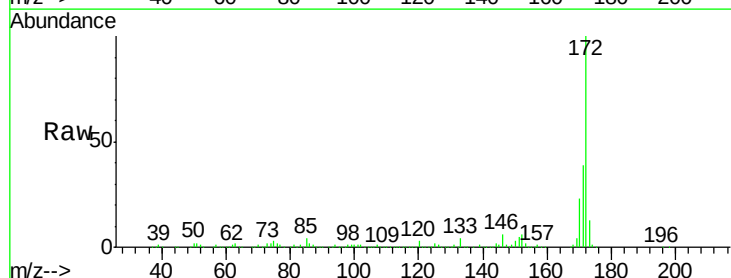
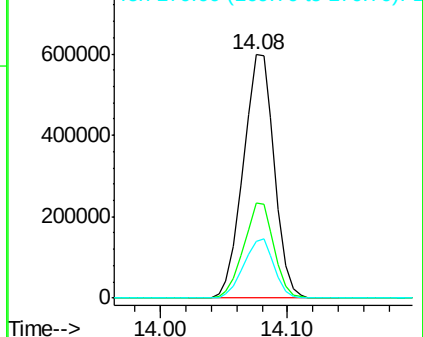
Tgt Ion	Ion	Ratio	Lower	Upper
172	172	100		
171	171	39.1	30.0	45.0
170	170	23.3	19.5	29.3

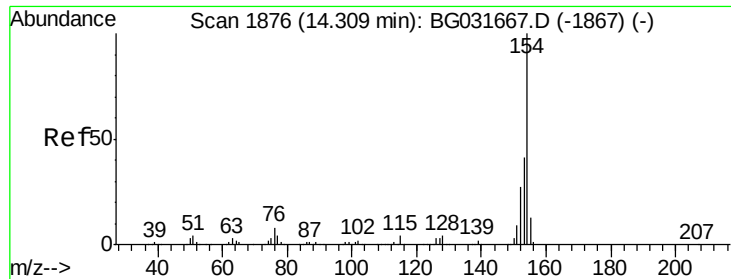
Abundance

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: 42.98 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

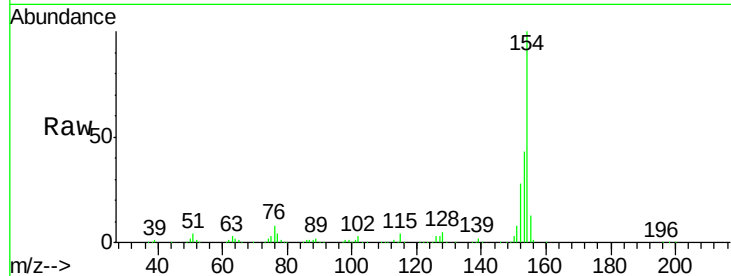
Tot Ion:154 Resp: 509946

Ion Ratio Lower Upper

154 100

153 42.9 19.8 59.8

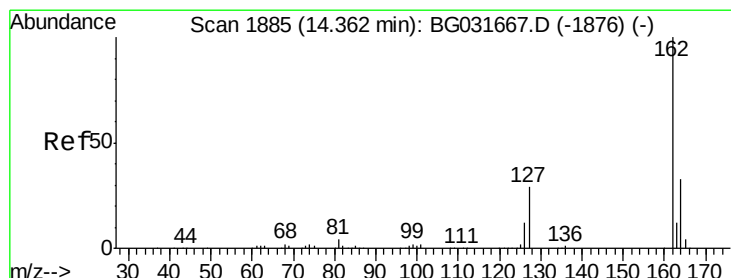
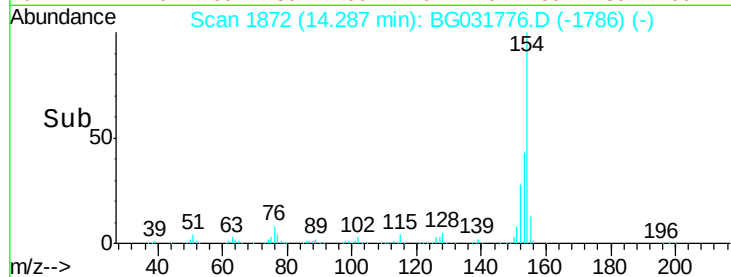
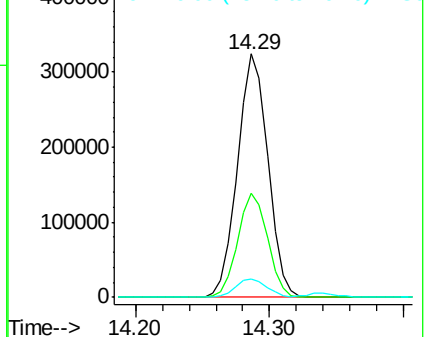
76 7.7 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 42.84 ng

RT: 14.34 min Scan# 1881

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

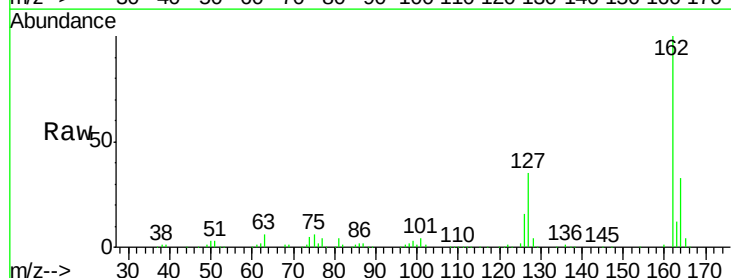
Tgt Ion:162 Resp: 387731

Ion Ratio Lower Upper

162 100

127 34.7 30.7 46.1

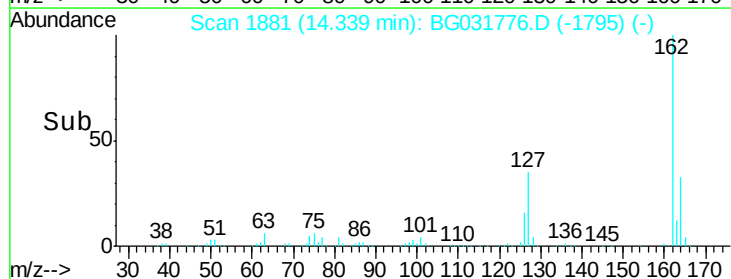
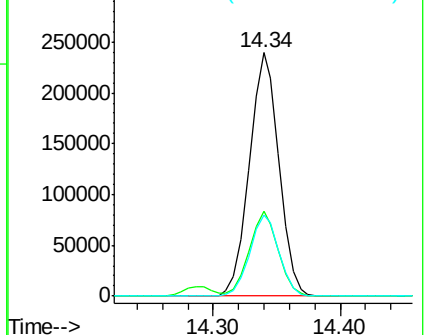
164 33.2 26.0 39.0

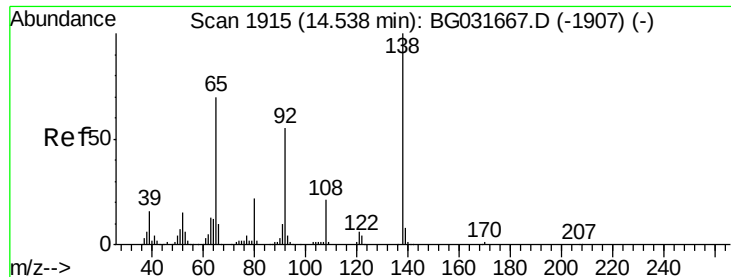


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

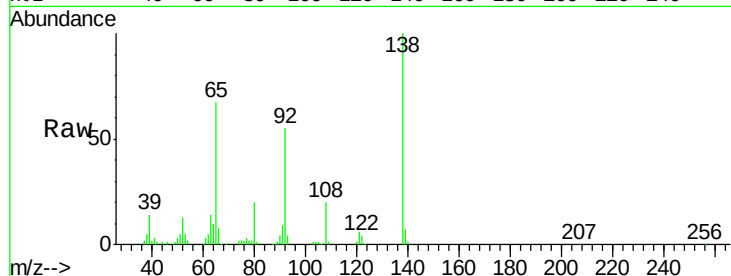




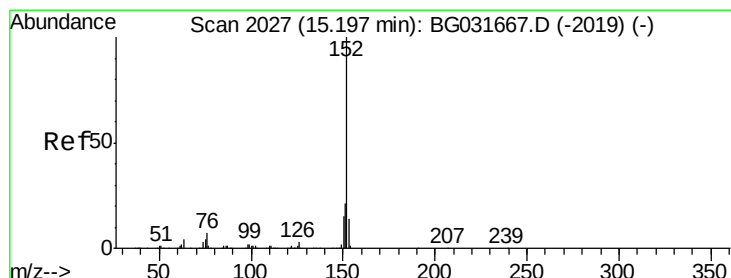
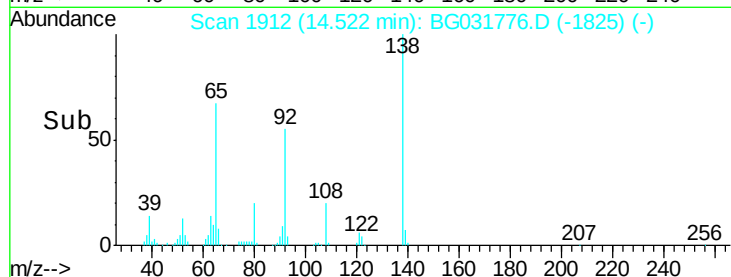
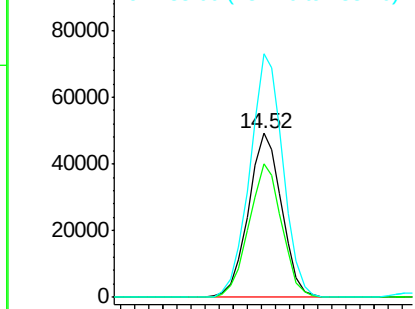
#47
2-Nitroaniline
Concen: 51.92 ng
RT: 14.52 min Scan# 1912
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Instrument :
BNA_G
ClientSampleId :
PB105316BS

Tot Ion: 65 Resp: 81144
Ion Ratio Lower Upper
65 100
92 81.1 54.6 82.0
138 148.4 72.9 109.3#

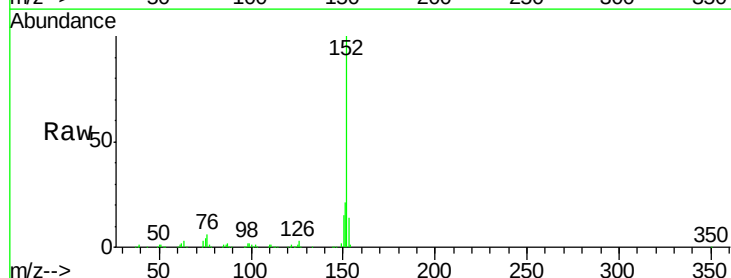


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

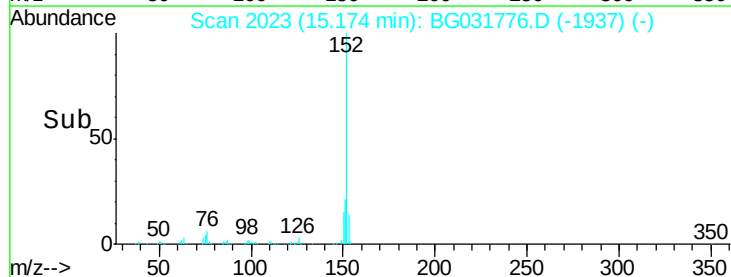
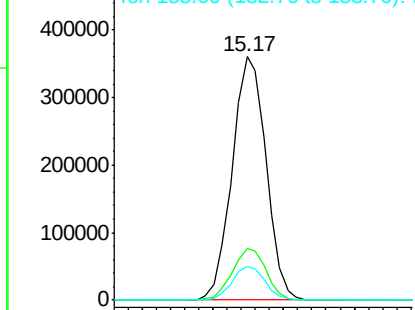


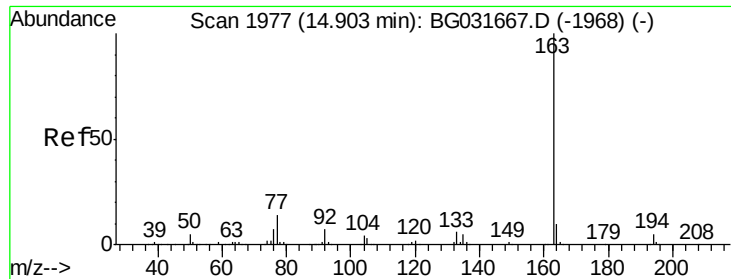
#48
Acenaphthylene
Concen: 41.54 ng
RT: 15.17 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion: 152 Resp: 601473
Ion Ratio Lower Upper
152 100
151 21.1 17.2 25.8
153 13.6 10.2 15.4



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





#49

Dimethylphthalate

Concen: 43.44 ng

RT: 14.87 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

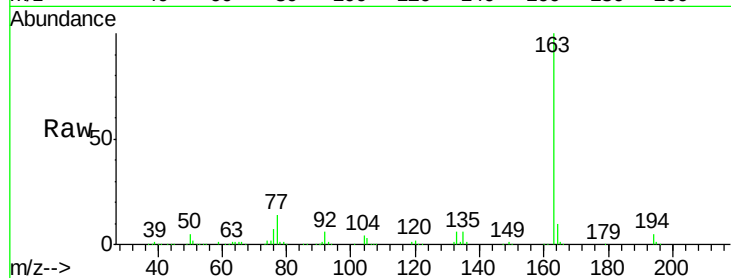
Tot Ion:163 Resp: 531553

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

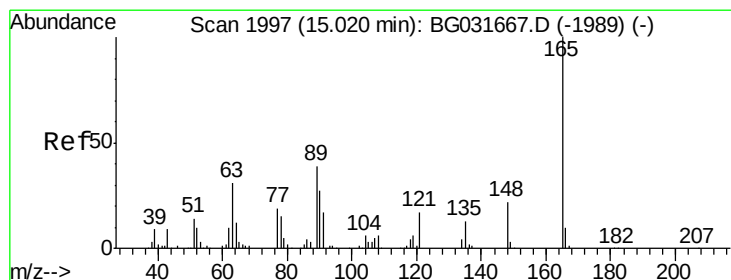
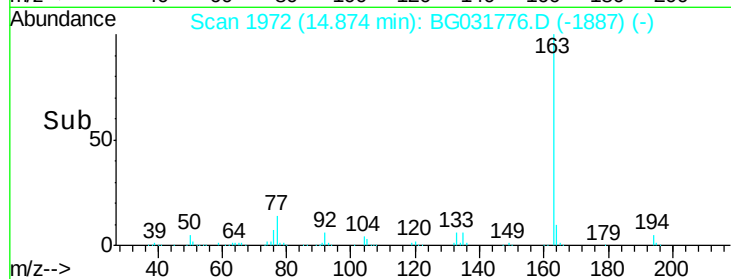
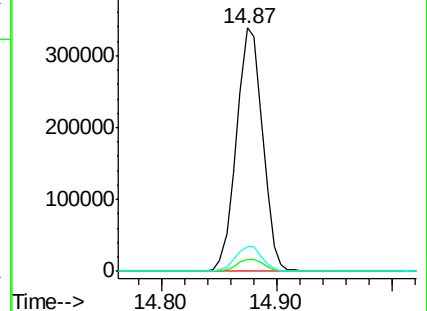
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 52.23 ng

RT: 15.00 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

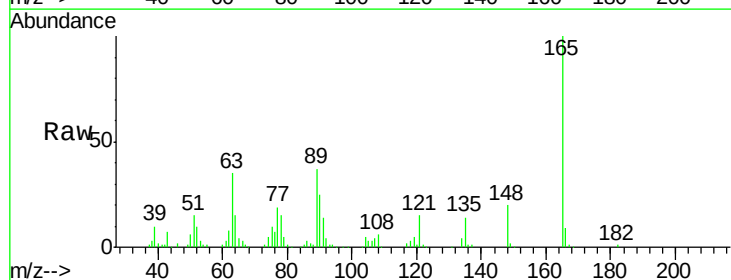
Tgt Ion:165 Resp: 117579

Ion Ratio Lower Upper

165 100

63 34.5 52.7 79.1#

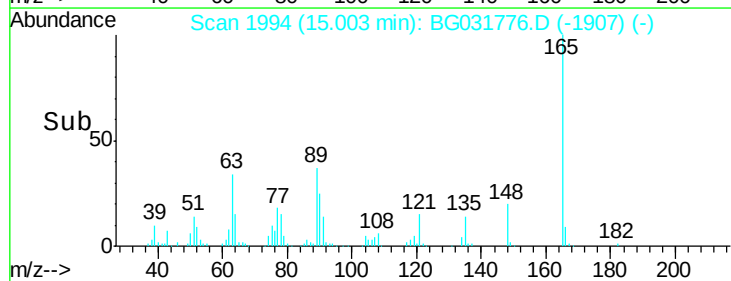
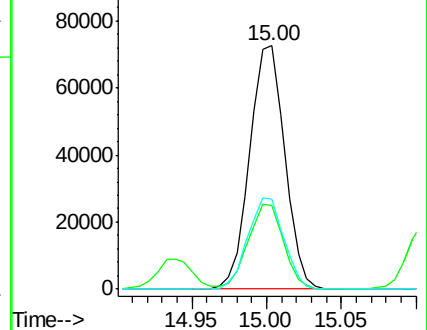
89 37.2 49.2 73.8#

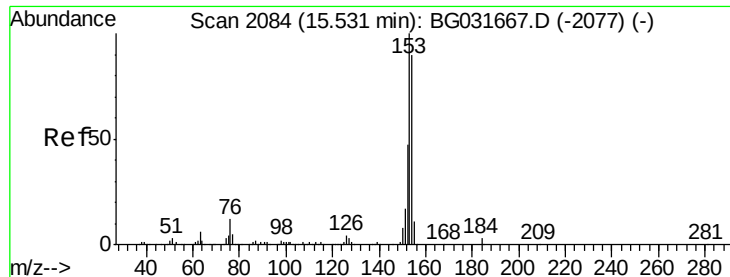


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 40.44 ng

RT: 15.51 min Scan# 2080

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

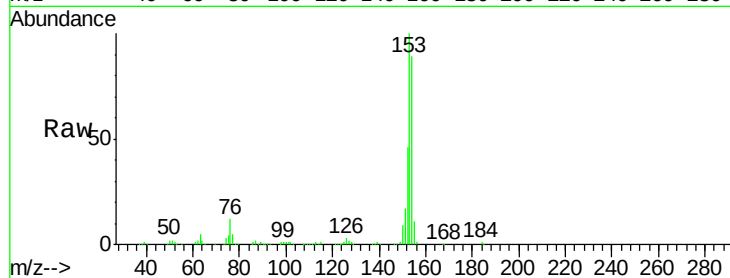
Tot Ion:154 Resp: 383404

Ion Ratio Lower Upper

154 100

153 112.7 90.4 135.6

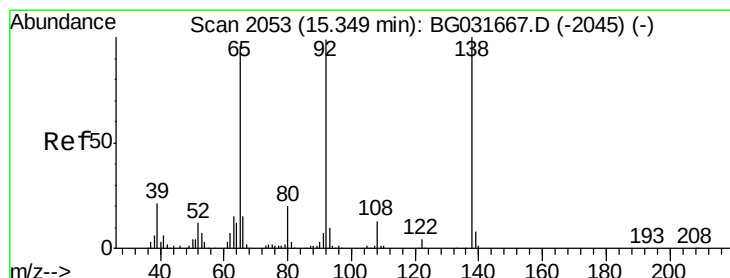
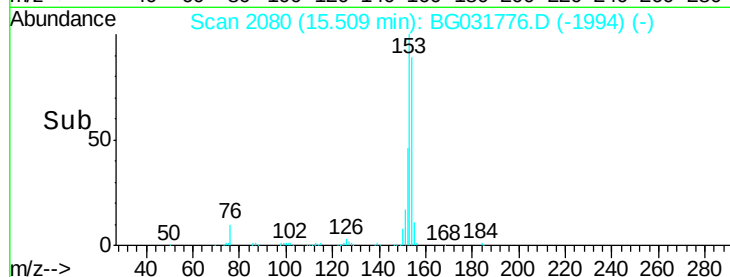
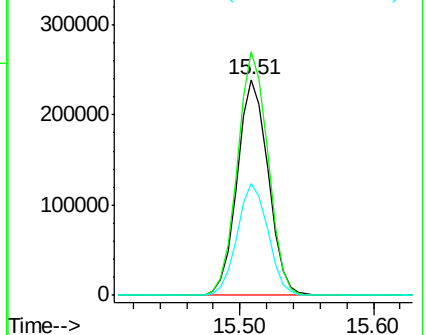
152 51.5 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.06 ng

RT: 15.33 min Scan# 2049

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

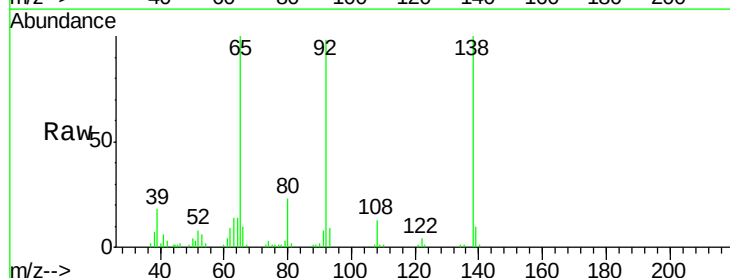
Tgt Ion:138 Resp: 46246

Ion Ratio Lower Upper

138 100

108 12.8 17.5 26.3#

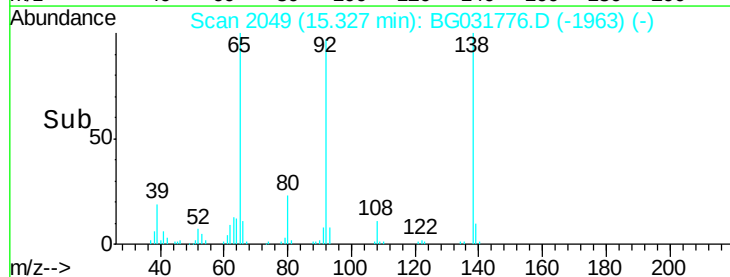
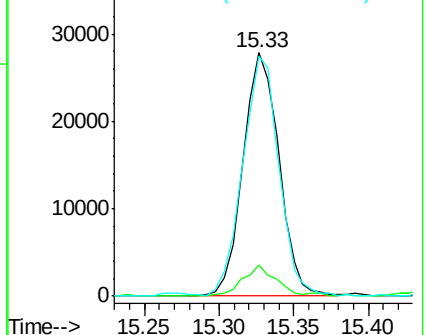
92 98.6 105.8 158.8#

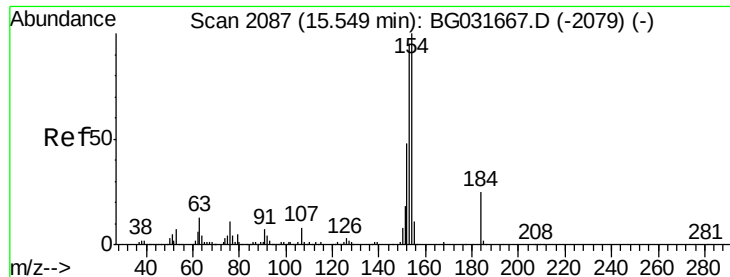


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

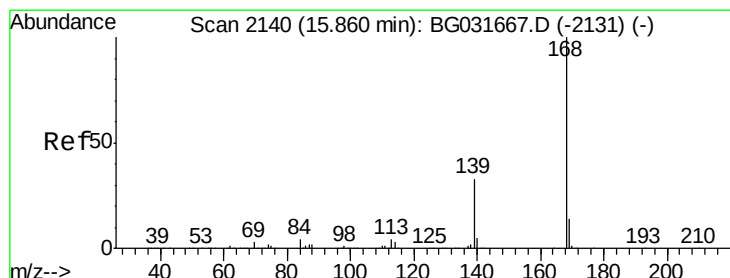
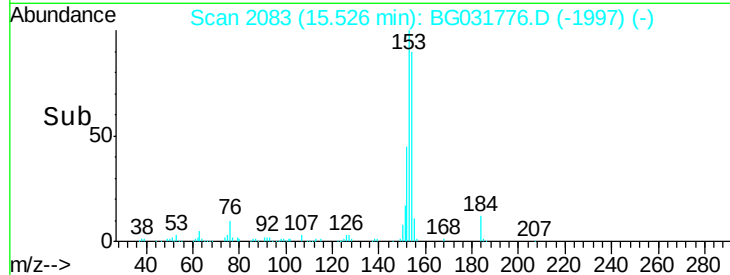
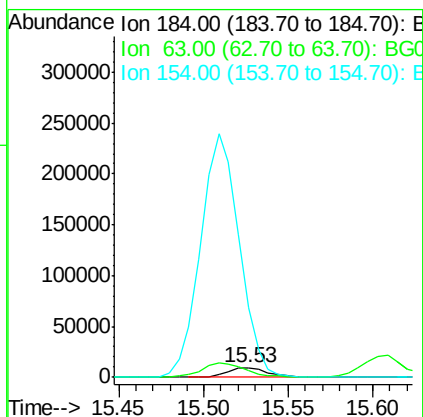
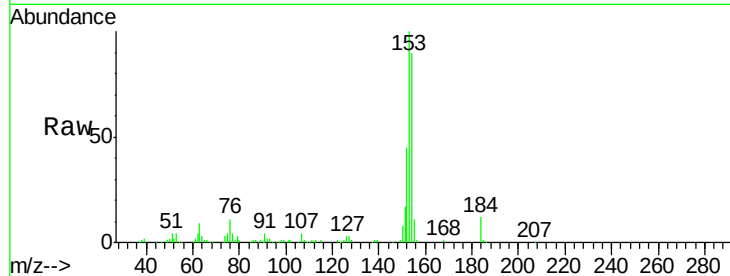




#53
2,4-Dinitrophenol
Concen: 23.01 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

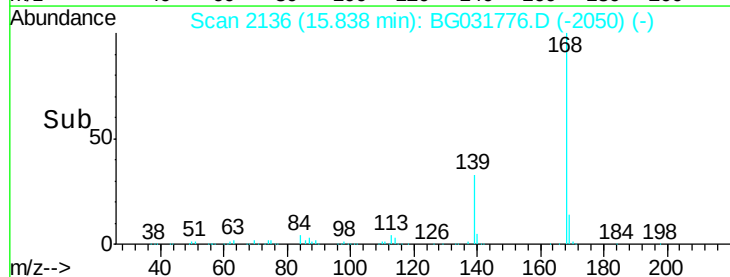
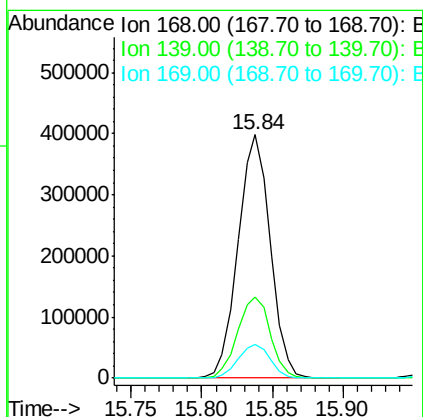
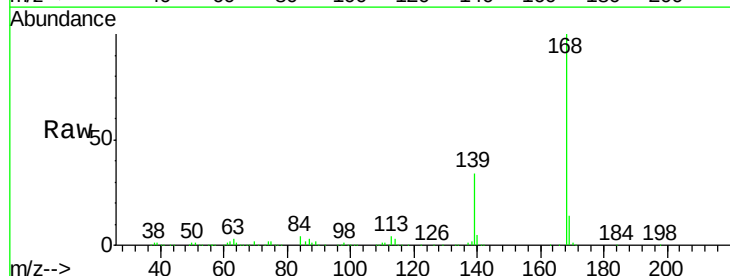
Instrument :
BNA_G
ClientSampleId :
PB105316BS

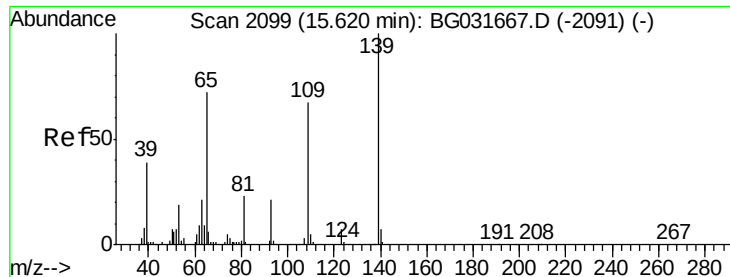
Tot Ion:184 Resp: 16257
Ion Ratio Lower Upper
184 100
63 70.5 59.8 89.8
154 735.8 101.8 152.8#



#54
Dibenzofuran
Concen: 43.52 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:168 Resp: 632594
Ion Ratio Lower Upper
168 100
139 33.5 28.6 43.0
169 14.0 11.2 16.8





#55

4-Nitrophenol

Concen: 97.82 ng

RT: 15.61 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

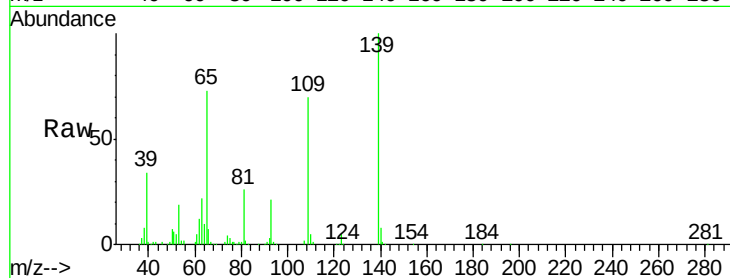
Tot Ion:139 Resp: 174875

Ion Ratio Lower Upper

139 100

109 70.3 62.2 102.2

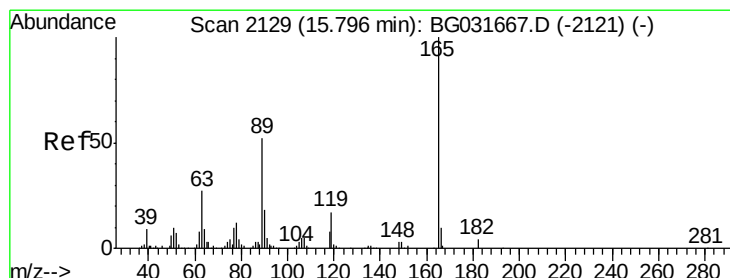
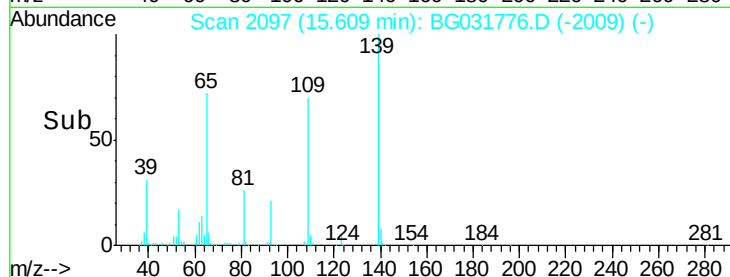
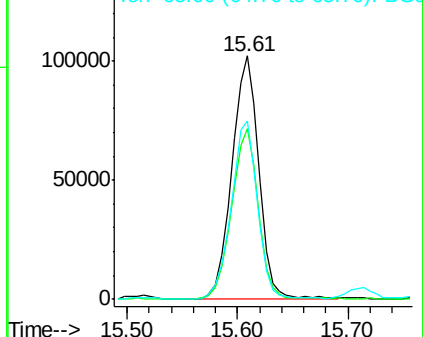
65 73.0 97.2 137.2#



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: 56.26 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Tgt Ion:165 Resp: 162870

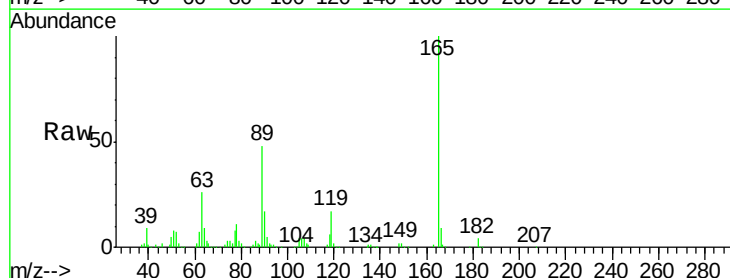
Ion Ratio Lower Upper

165 100

63 25.5 42.0 63.0#

89 47.5 66.9 100.3#

182 3.6 2.6 3.8

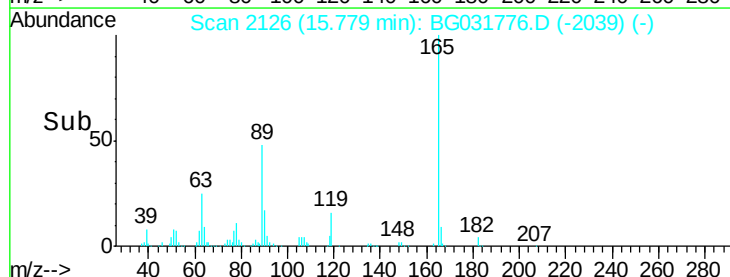
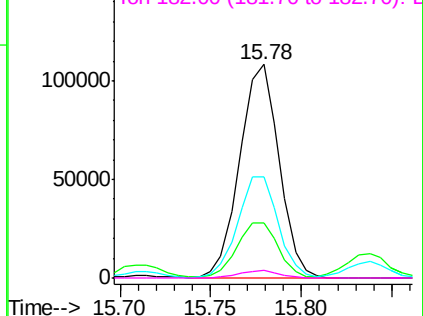


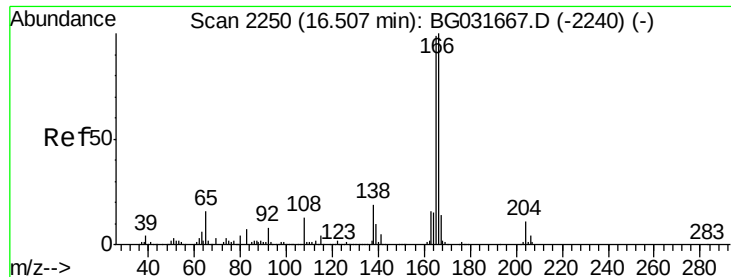
Abundance Ion 165.00 (164.70 to 165.70): E

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

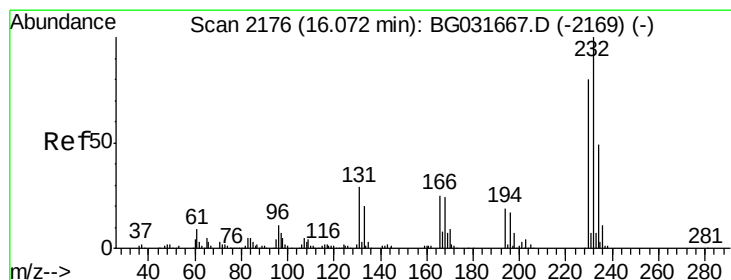
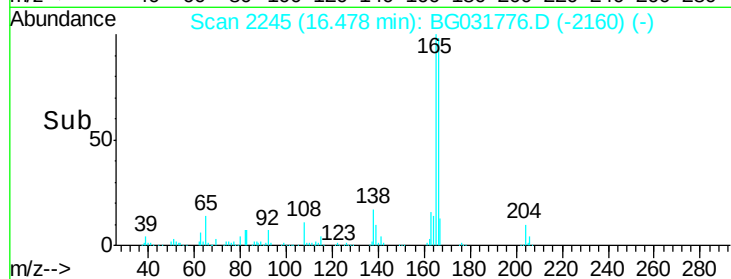
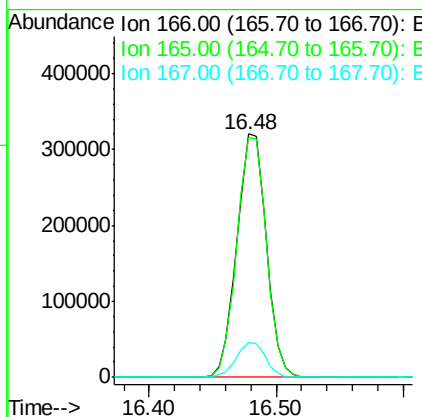
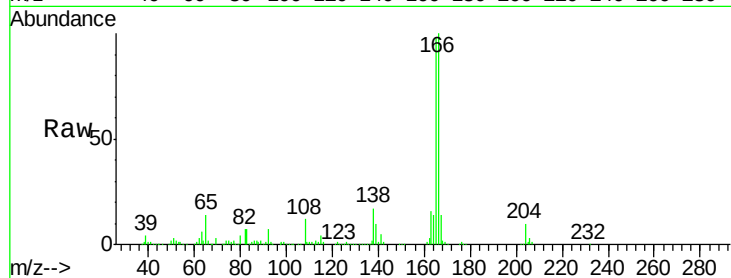




#57
 Fluorene
 Concen: 43.54 ng
 RT: 16.48 min Scan# 2245
 Delta R.T. -0.03 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

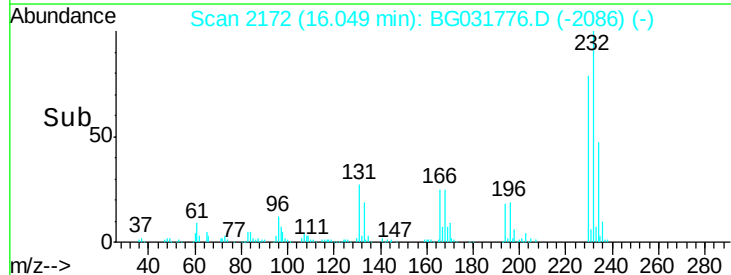
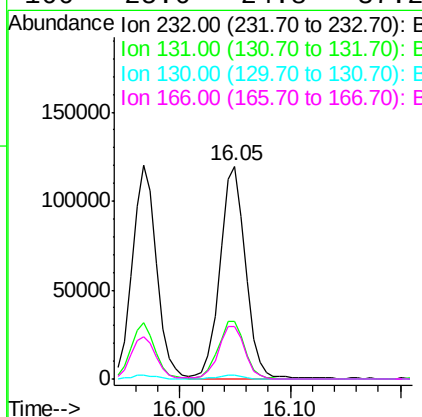
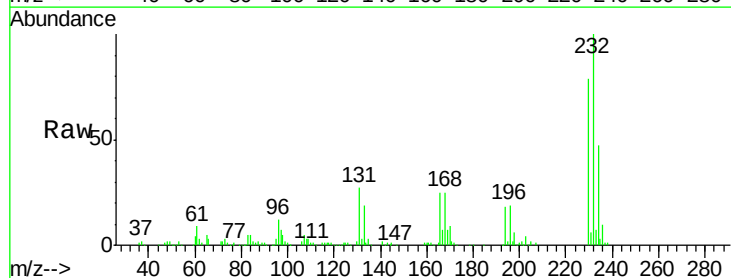
Instrument :
 BNA_G
 ClientSampleId :
 PB105316BS

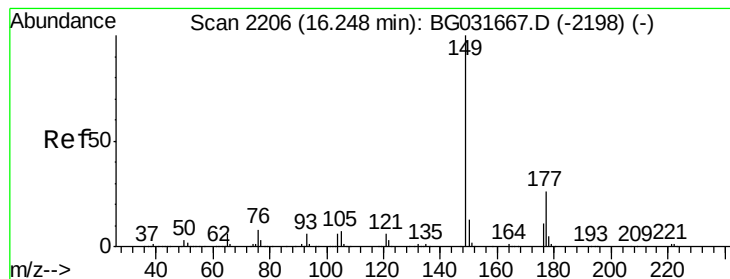
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.6	121.0
167	14.2	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.79 ng
 RT: 16.05 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	28.2	33.5	50.3#
130	1.8	2.2	3.2#
166	25.6	24.8	37.2





#59

Diethylphthalate

Concen: 43.94 ng

RT: 16.22 min Scan# 2201

Delta R.T. -0.03 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

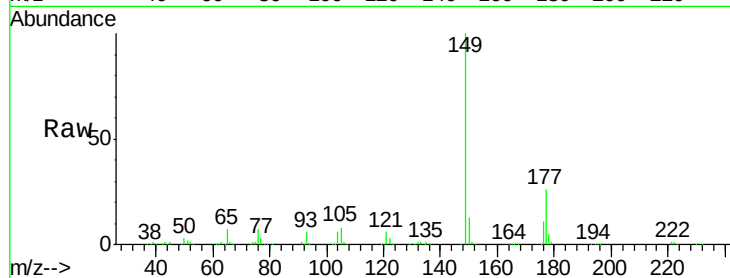
Tot Ion:149 Resp: 524119

Ion Ratio Lower Upper

149 100

177 25.9 18.5 27.7

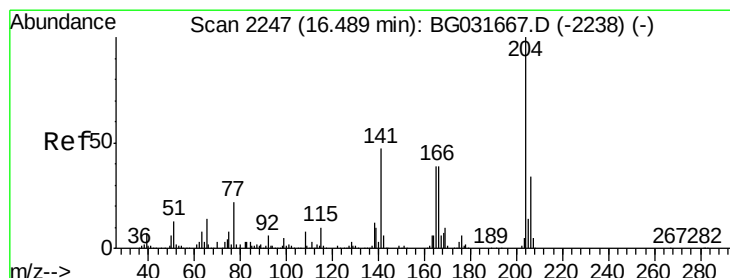
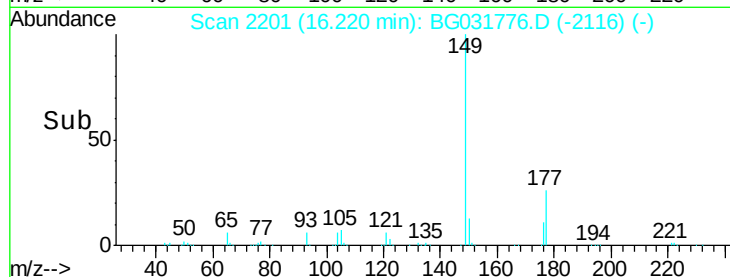
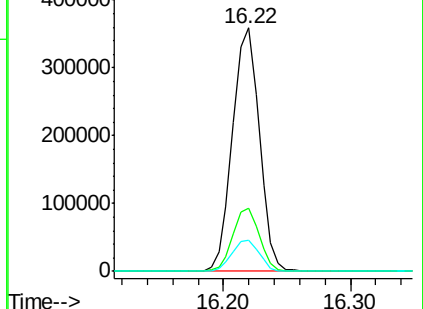
150 12.9 10.2 15.2



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: 42.72 ng

RT: 16.46 min Scan# 2242

Delta R.T. -0.03 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

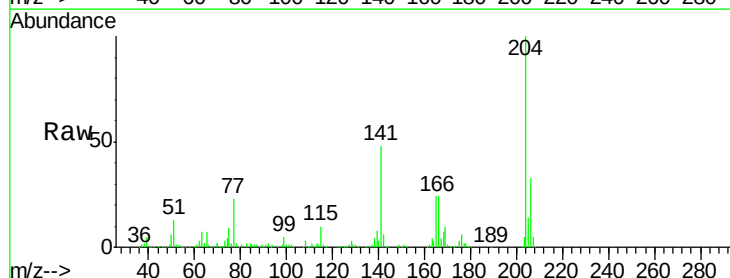
Tgt Ion:204 Resp: 308605

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

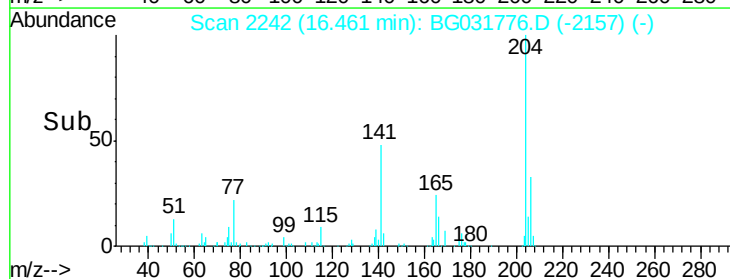
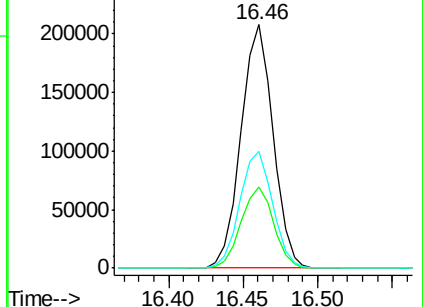
141 48.0 45.8 68.6

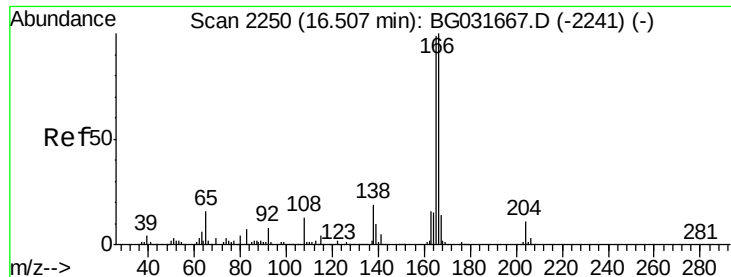


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

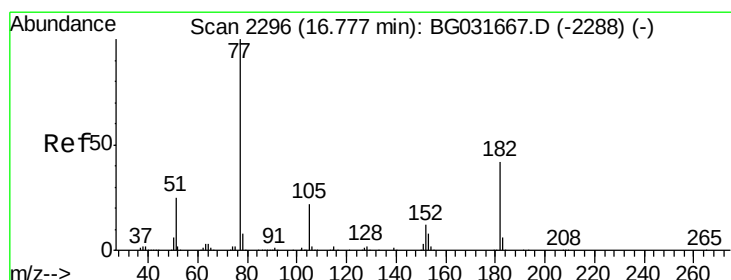
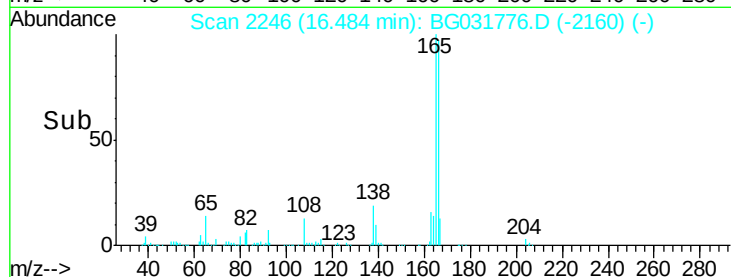
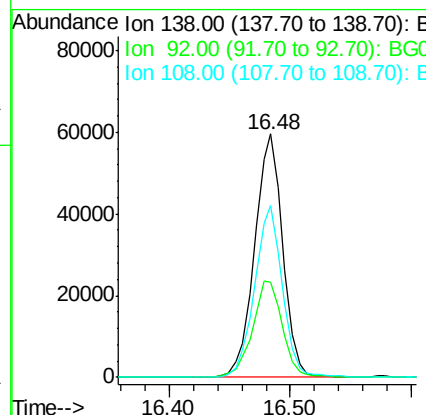
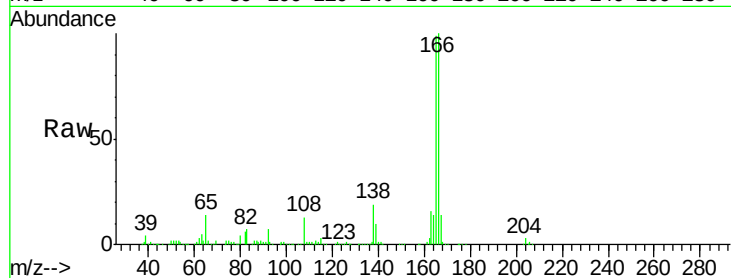




#61
4-Nitroaniline
Concen: 45.05 ng
RT: 16.48 min Scan# 2246
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

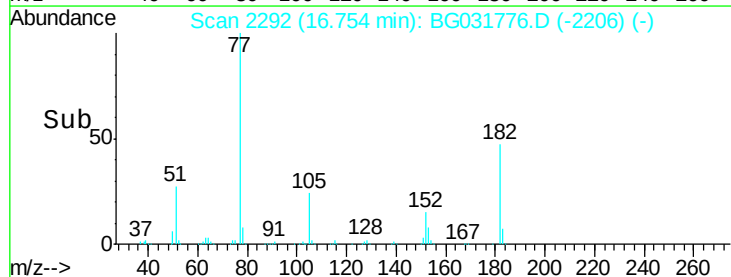
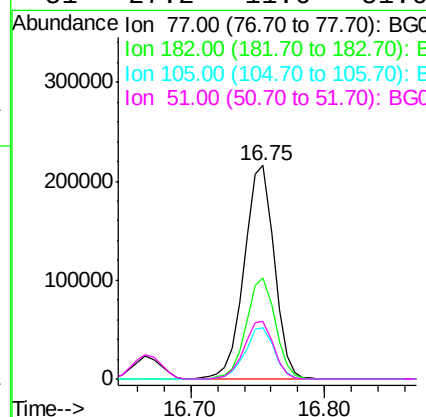
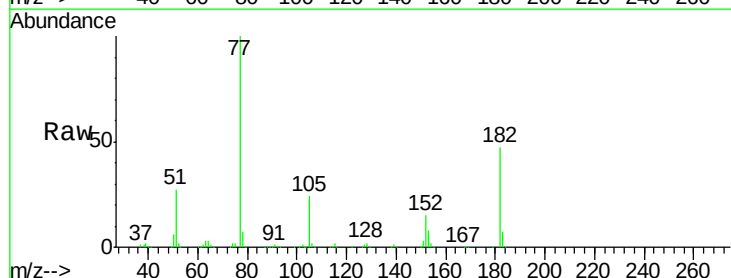
Instrument :
BNA_G
ClientSampleId :
PB105316BS

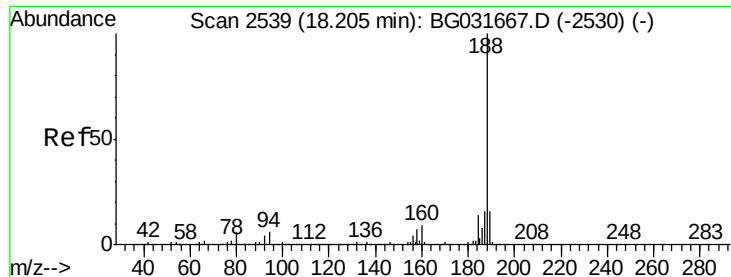
Tot Ion:138 Resp: 96567
Ion Ratio Lower Upper
138 100
92 39.2 40.1 80.1#
108 70.7 65.4 105.4



#62
Azobenzene
Concen: 43.73 ng
RT: 16.75 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion: 77 Resp: 334520
Ion Ratio Lower Upper
77 100
182 47.3 7.4 47.4
105 23.8 0.3 40.3
51 27.2 11.6 51.6

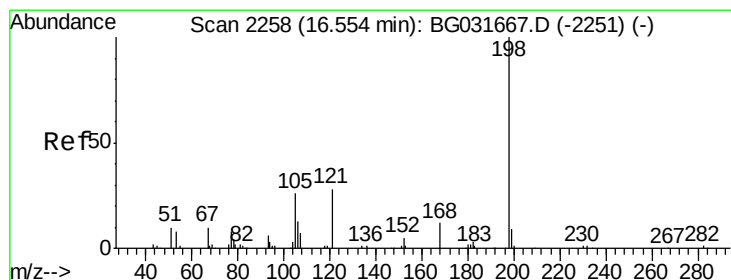
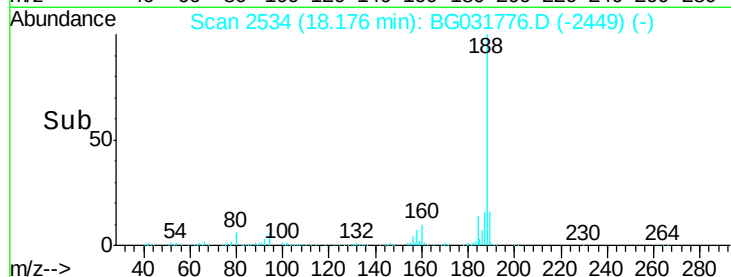
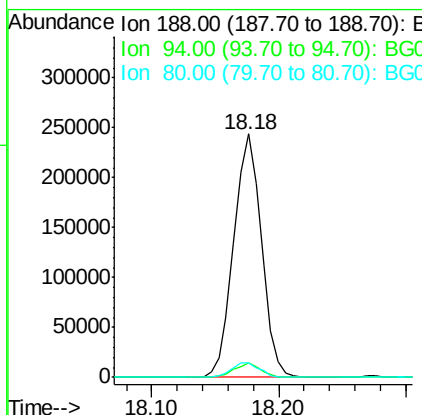
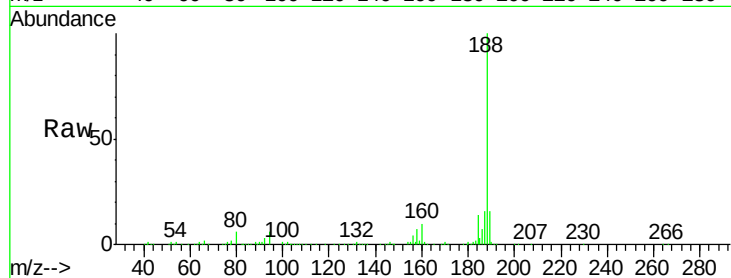




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.18 min Scan# 2534
Delta R.T. -0.03 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

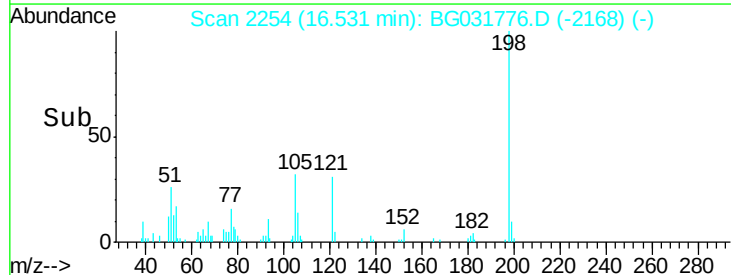
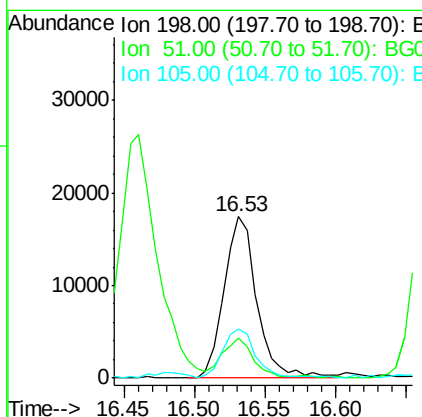
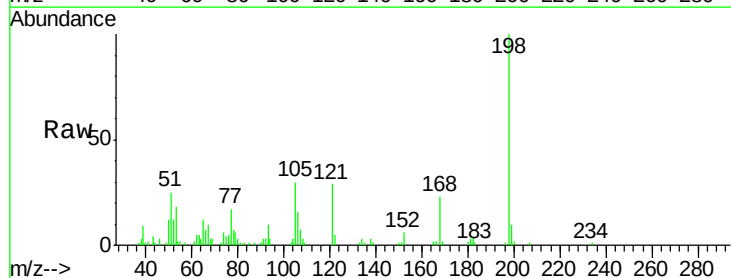
Instrument :
BNA_G
ClientSampleId :
PB105316BS

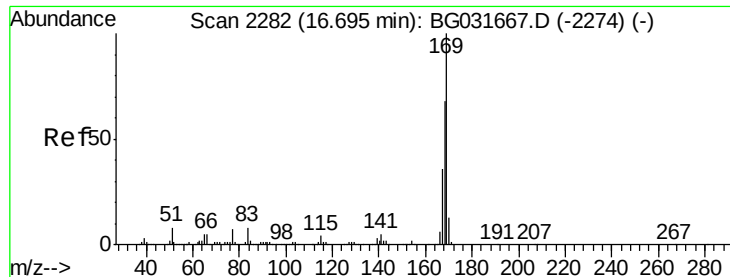
Tot Ion:188 Resp: 368181
Ion Ratio Lower Upper
188 100
94 5.8 6.9 10.3#
80 6.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 21.37 ng
RT: 16.53 min Scan# 2254
Delta R.T. -0.02 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:198 Resp: 28288
Ion Ratio Lower Upper
198 100
51 24.6 30.6 70.6#
105 30.0 23.8 63.8

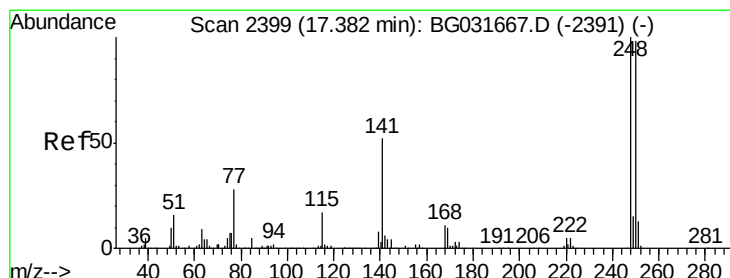
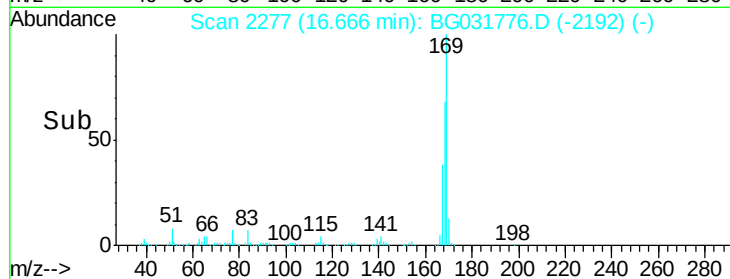
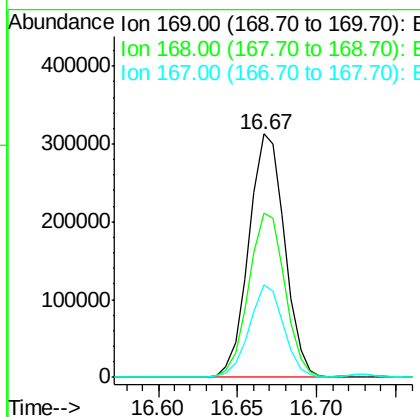
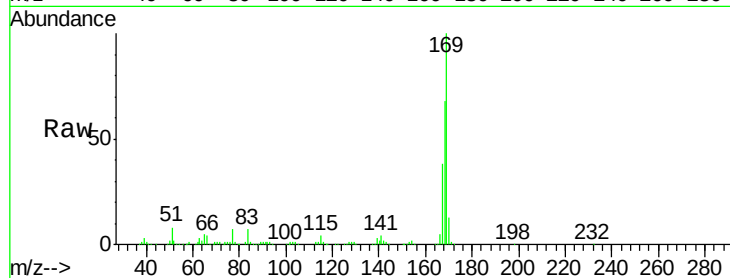




#65
 n-Nitrosodiphenylamine
 Concen: 40.28 ng
 RT: 16.67 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

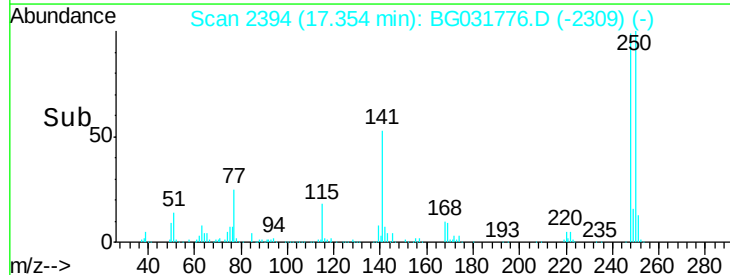
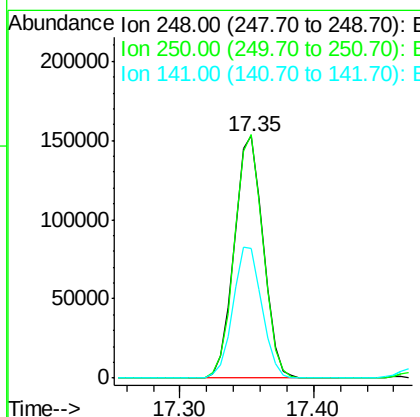
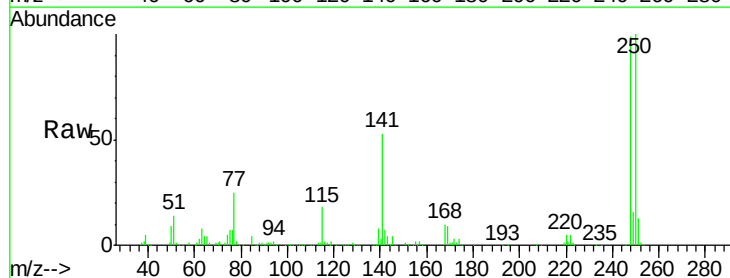
Instrument :
 BNA_G
 ClientSampleId :
 PB105316BS

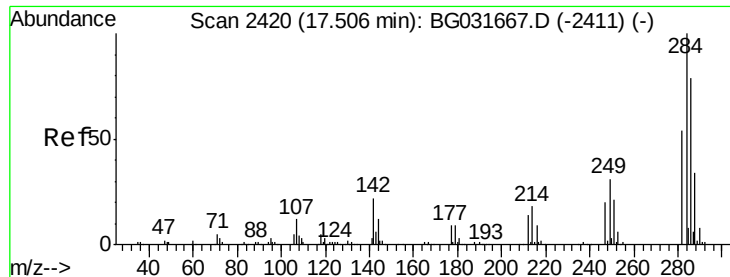
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.7	55.7	83.5
167	37.8	30.1	45.1



#66
 4-Bromophenyl-phenylether
 Concen: 43.12 ng
 RT: 17.35 min Scan# 2394
 Delta R.T. -0.03 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.6	77.1	115.7
141	53.5	50.8	76.2

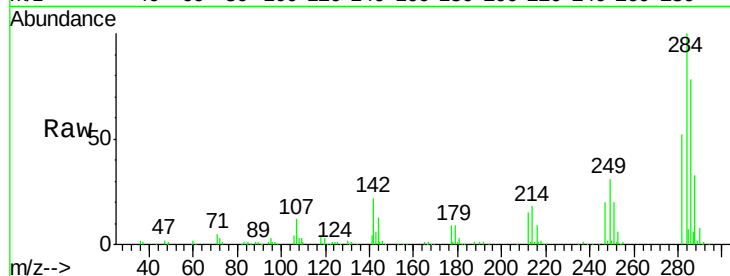




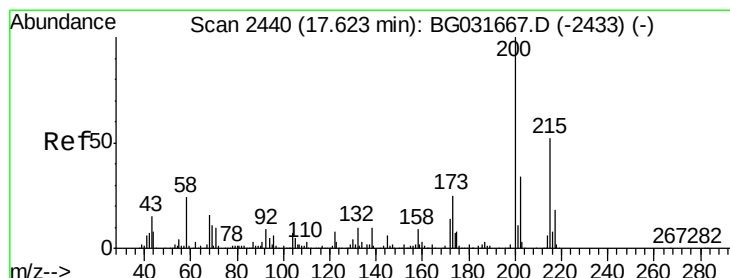
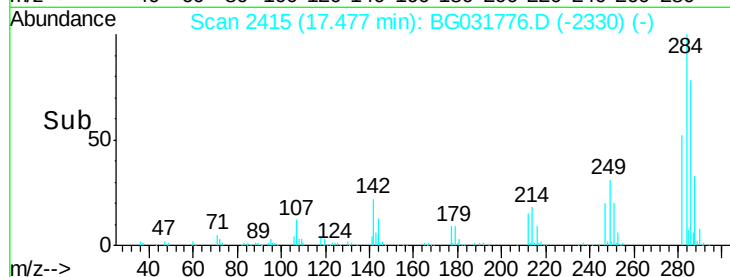
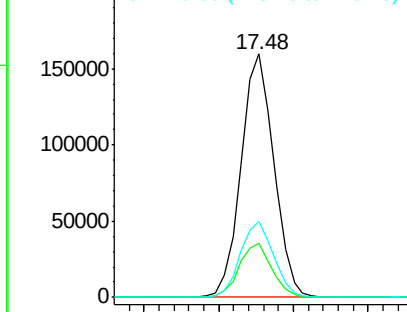
#67
Hexachlorobenzene
Concen: 44.50 ng
RT: 17.48 min Scan# 2415
Delta R.T. -0.03 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Instrument :
BNA_G
ClientSampleId :
PB105316BS

Tot Ion:284 Resp: 242200
Ion Ratio Lower Upper
284 100
142 22.3 26.8 40.2#
249 31.3 26.3 39.5

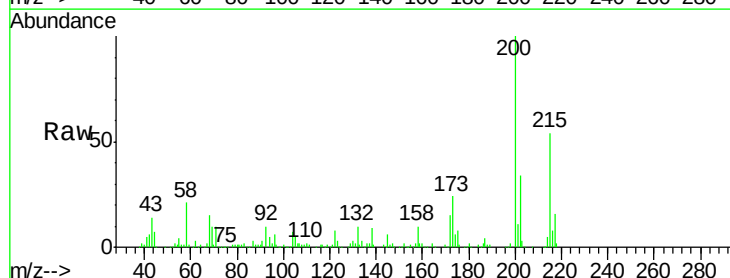


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

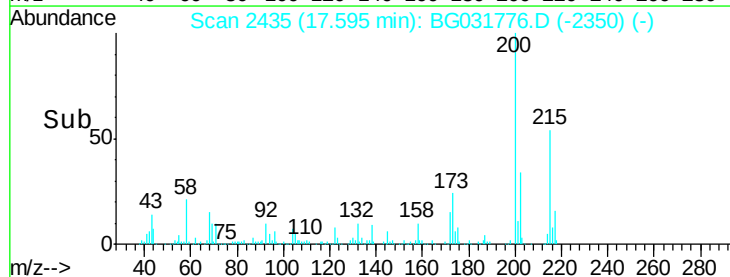
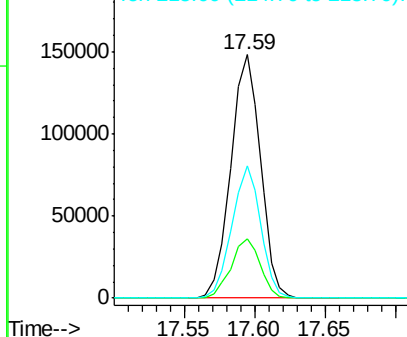


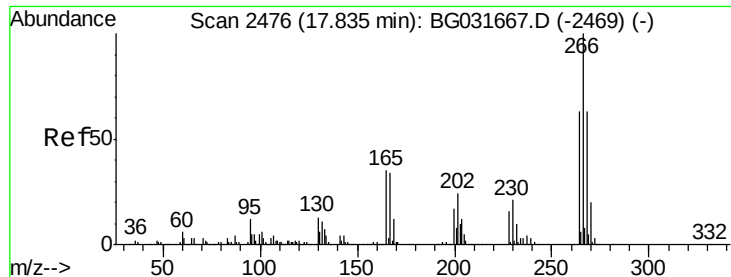
#68
Atrazine
Concen: 45.59 ng
RT: 17.59 min Scan# 2435
Delta R.T. -0.03 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:200 Resp: 216794
Ion Ratio Lower Upper
200 100
173 24.3 5.2 45.2
215 54.3 30.4 70.4



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

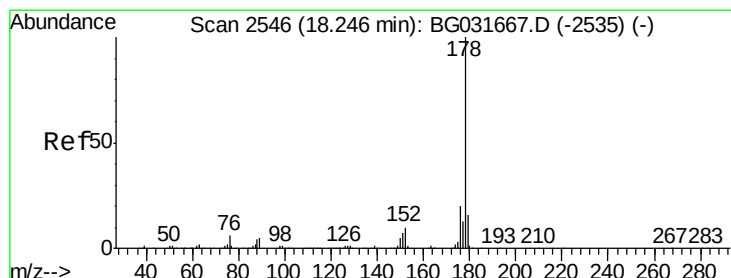
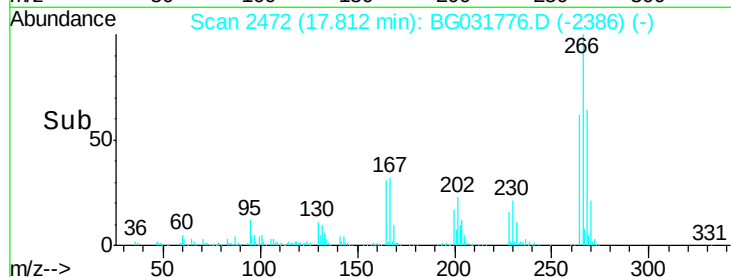
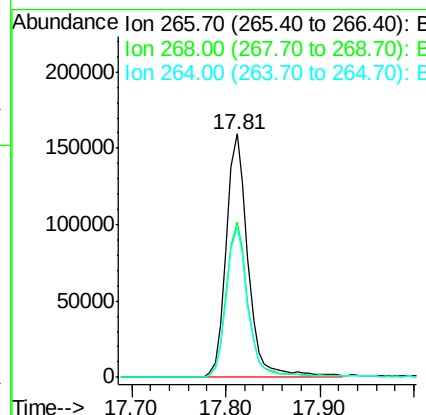
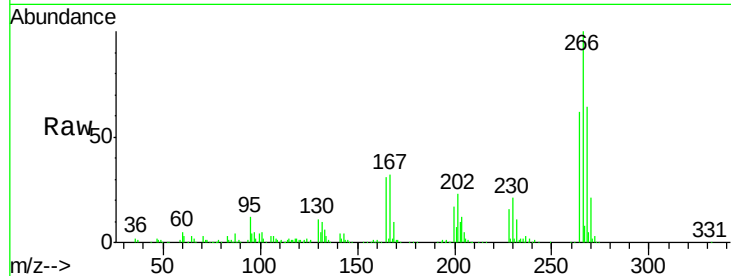




#69
 Pentachlorophenol
 Concen: 69.47 ng
 RT: 17.81 min Scan# 2472
 Delta R.T. -0.02 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

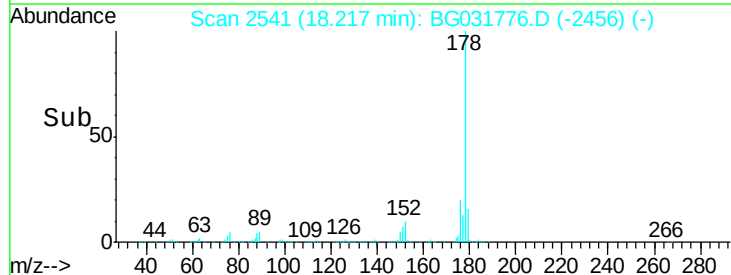
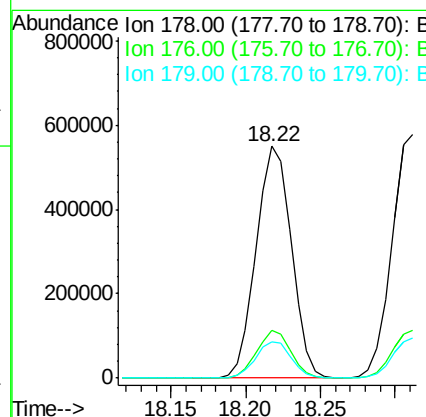
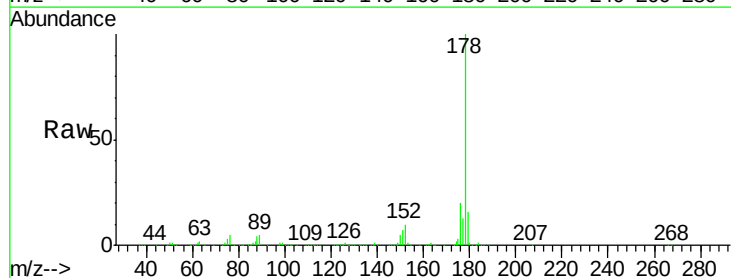
Instrument :
 BNA_G
 ClientSampleId :
 PB105316BS

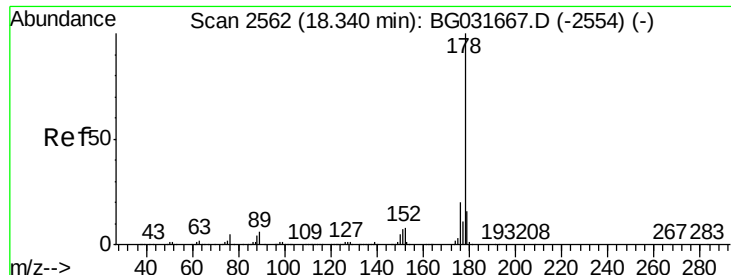
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.1	76.7
264	61.9	49.6	74.4



#70
 Phenanthrene
 Concen: 43.06 ng
 RT: 18.22 min Scan# 2541
 Delta R.T. -0.03 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	15.7	23.5
179	15.8	12.5	18.7

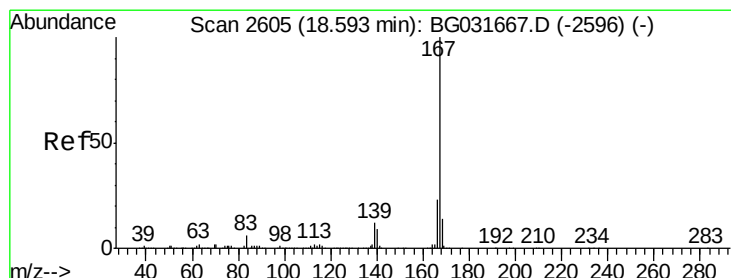
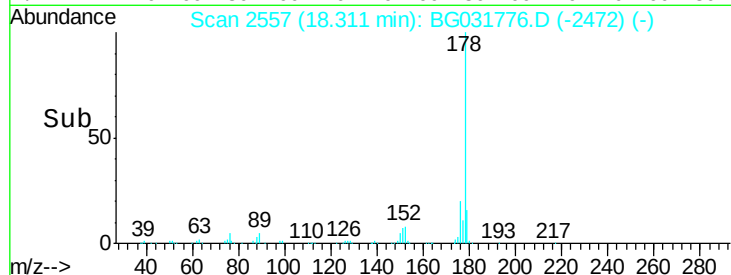
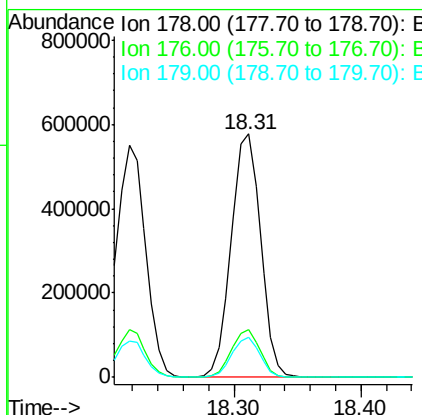
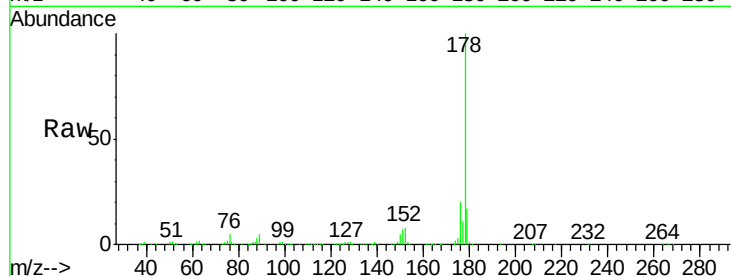




#71
 Anthracene
 Concen: 43.94 ng
 RT: 18.31 min Scan# 2557
 Delta R.T. -0.03 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

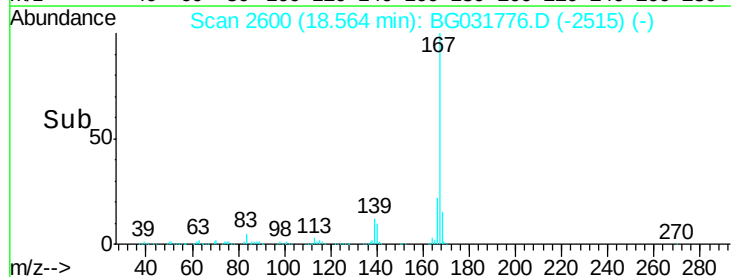
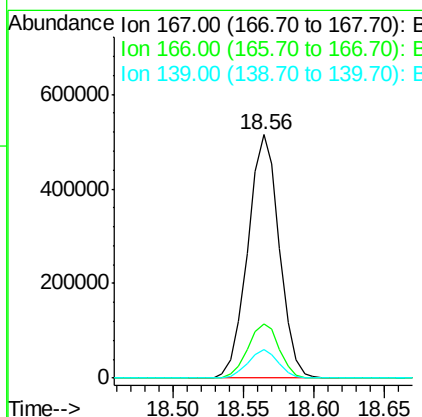
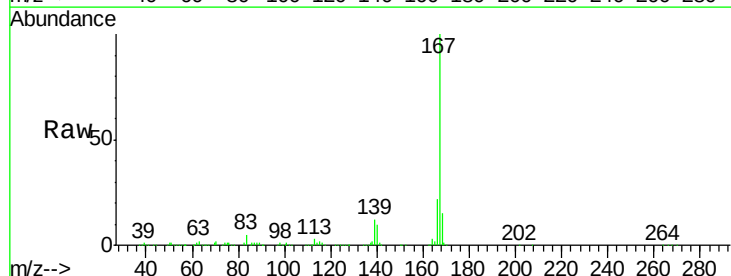
Instrument :
 BNA_G
 ClientSampleId :
 PB105316BS

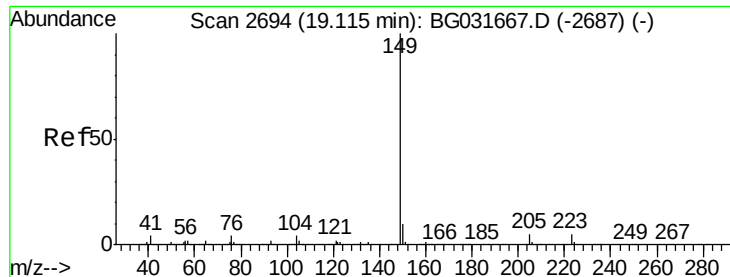
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.6	12.5	18.7



#72
 Carbazole
 Concen: 43.28 ng
 RT: 18.56 min Scan# 2600
 Delta R.T. -0.03 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	11.8	9.4	14.2

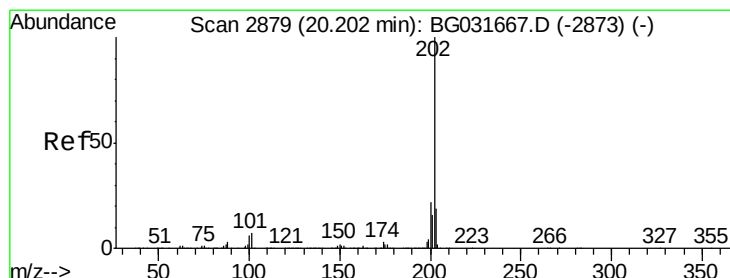
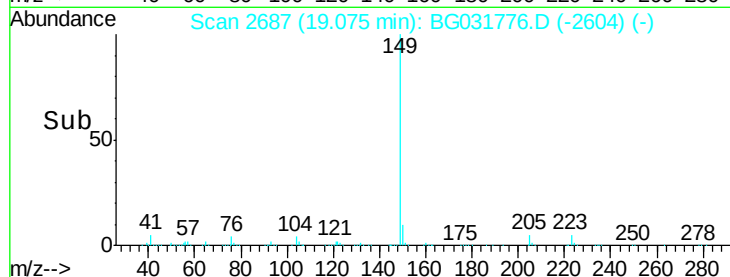
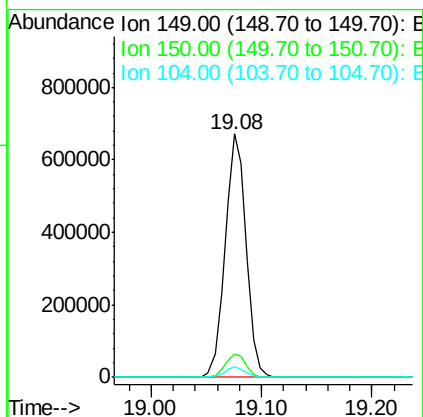
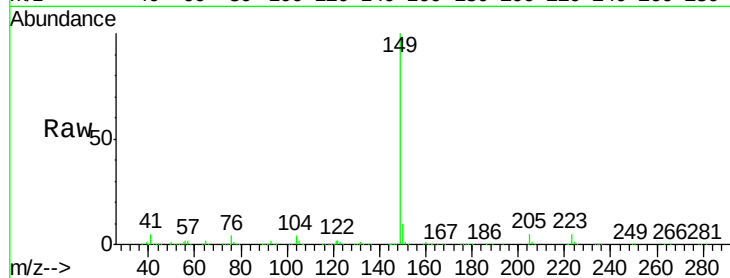




#73
Di-n-butylphthalate
Concen: 43.05 ng
RT: 19.08 min Scan# 2687
Delta R.T. -0.04 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

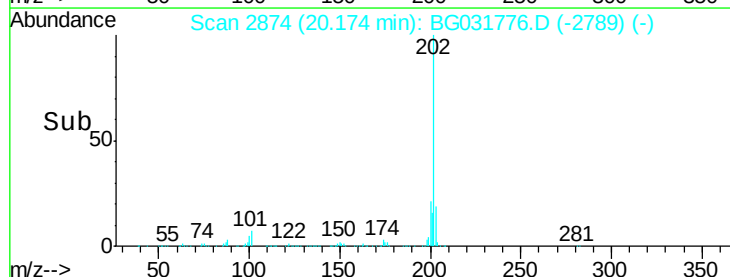
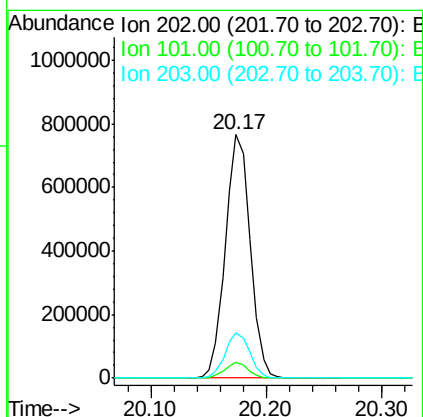
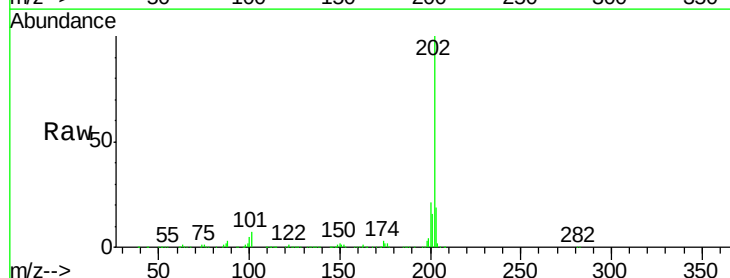
Instrument :
BNA_G
ClientSampleId :
PB105316BS

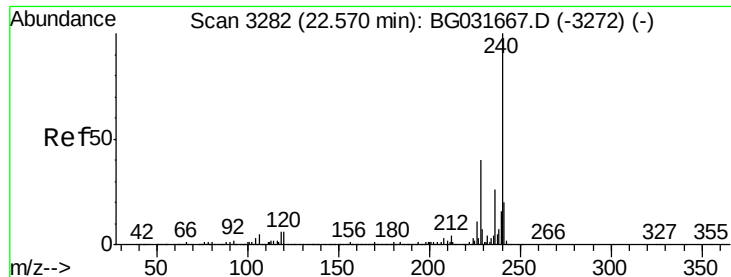
Tot Ion:149 Resp: 890125
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 4.4 3.9 5.9



#74
Fluoranthene
Concen: 44.40 ng
RT: 20.17 min Scan# 2874
Delta R.T. -0.03 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:202 Resp: 1135232
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.9
203 18.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.52 min Scan# 3274

Delta R.T. -0.05 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

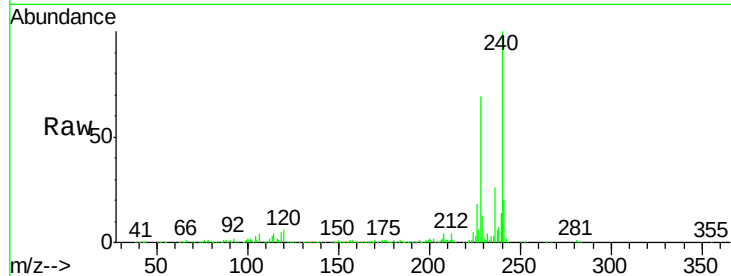
Tot Ion:240 Resp: 417174

Ion Ratio Lower Upper

240 100

120 6.5 6.8 10.2#

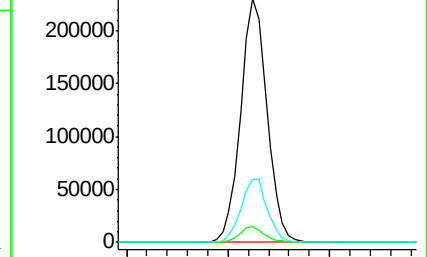
236 25.8 20.9 31.3



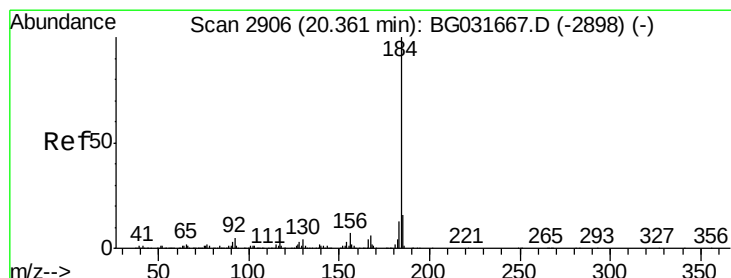
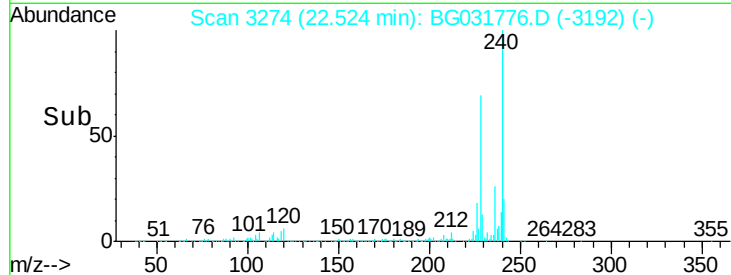
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 22.40 22.50 22.60



#76

Benzidine

Concen: 18.13 ng

RT: 20.33 min Scan# 2901

Delta R.T. -0.03 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

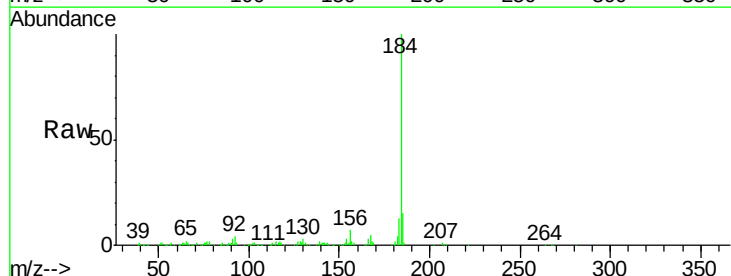
Tgt Ion:184 Resp: 233436

Ion Ratio Lower Upper

184 100

185 14.7 11.1 16.7

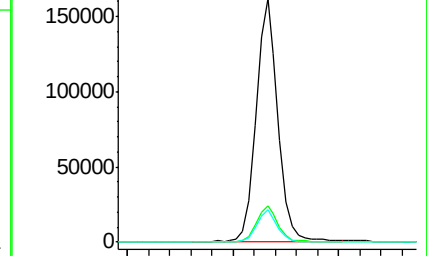
183 13.2 10.6 16.0



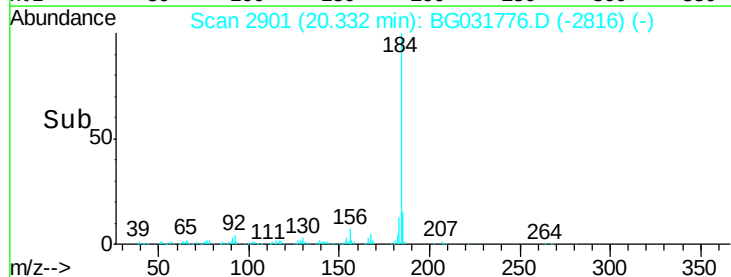
Abundance Ion 184.00 (183.70 to 184.70): E

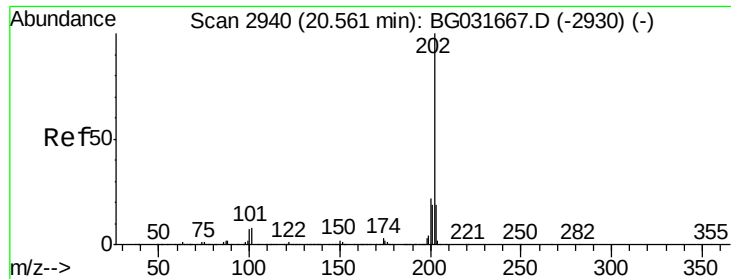
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 20.20 20.30 20.40





#77

Pvrene

Concen: 42.97 ng

RT: 20.53 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

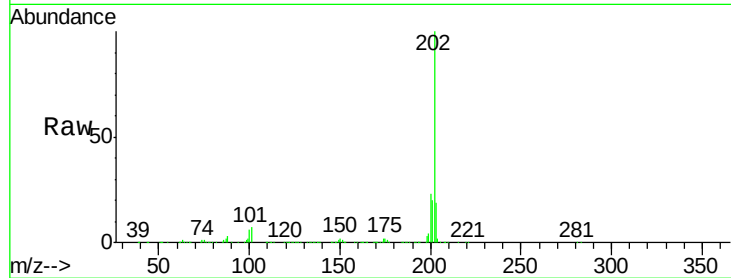
Tot Ion:202 Resp: 1145007

Ion Ratio Lower Upper

202 100

200 22.9 16.9 25.3

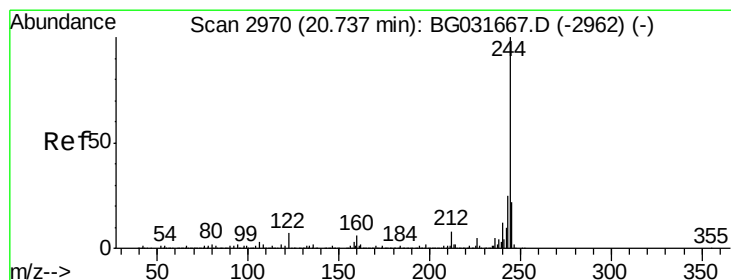
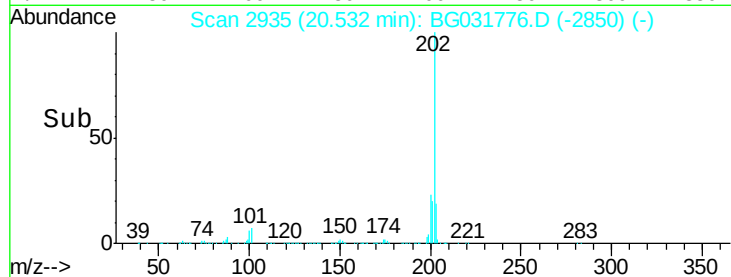
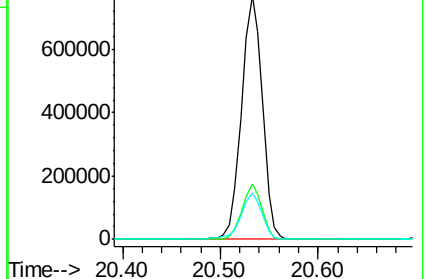
203 18.8 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.87 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.03 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

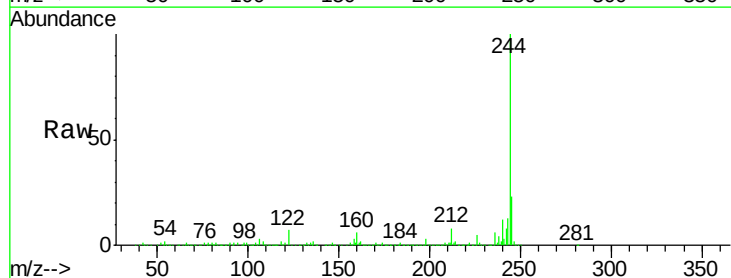
Tgt Ion:244 Resp: 1768786

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

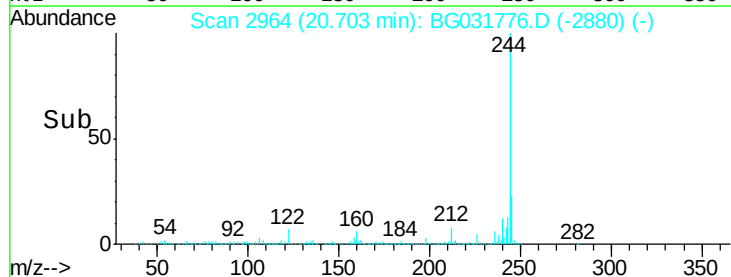
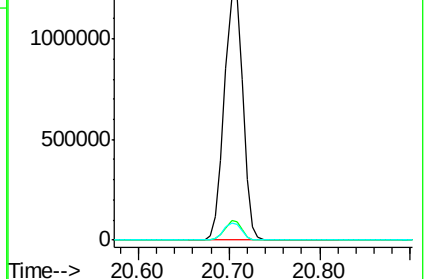
122 7.1 7.0 10.4

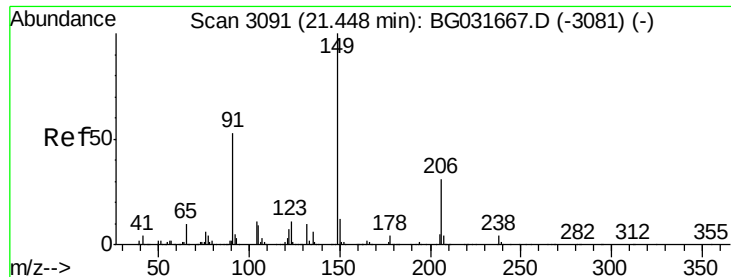


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

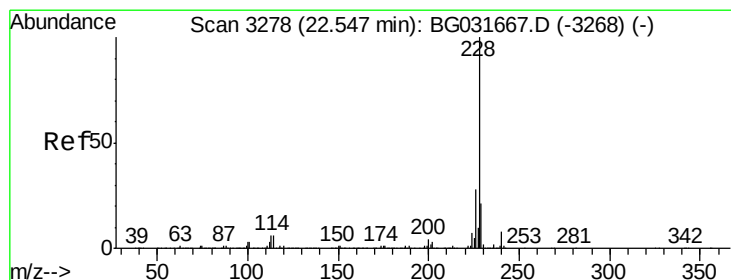
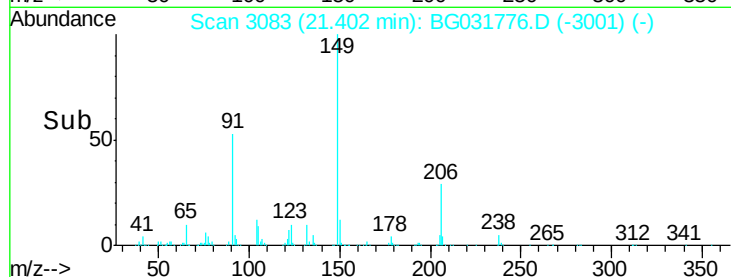
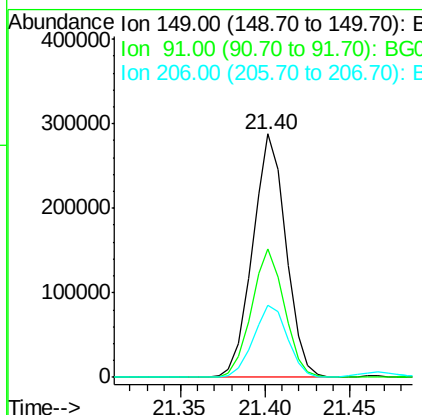
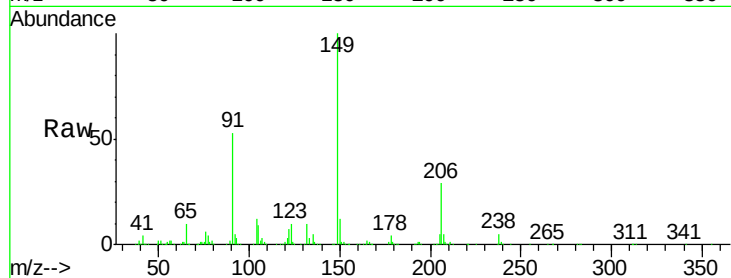




#79
Butylbenzylphthalate
Concen: 44.03 ng
RT: 21.40 min Scan# 3083
Delta R.T. -0.05 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

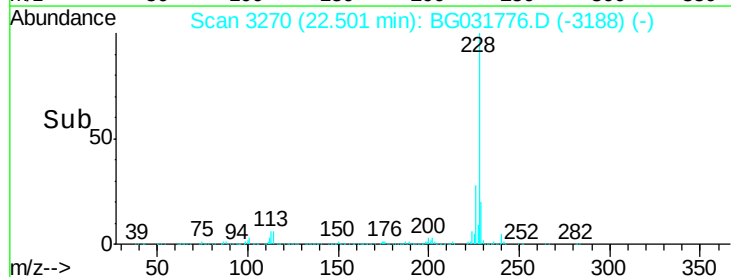
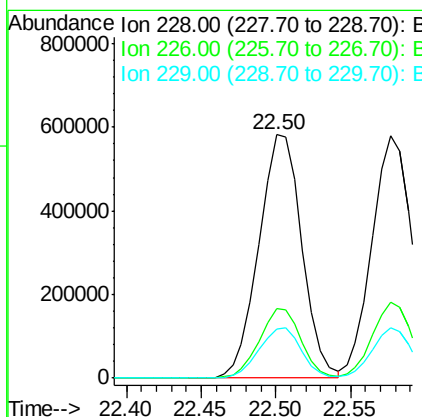
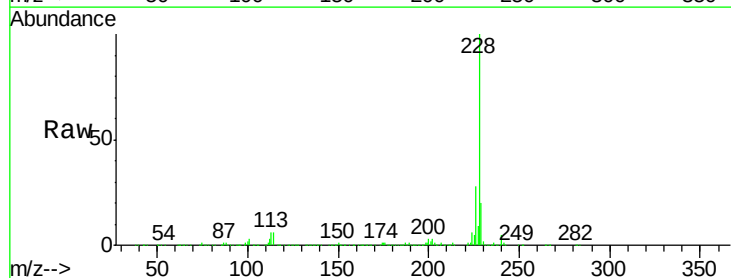
Instrument :
BNA_G
ClientSampleId :
PB105316BS

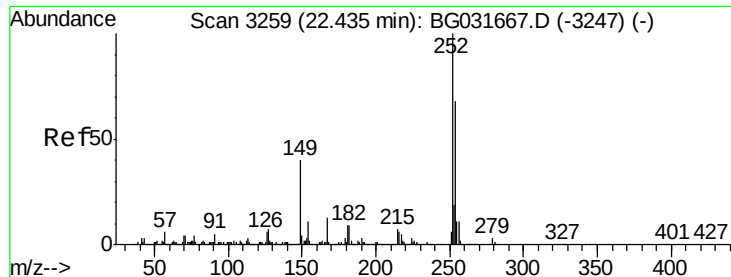
Tot Ion	Ratio	Lower	Upper
149	100		
91	52.9	62.2	93.2#
206	29.4	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 43.85 ng
RT: 22.50 min Scan# 3270
Delta R.T. -0.05 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	20.2	16.2	24.2

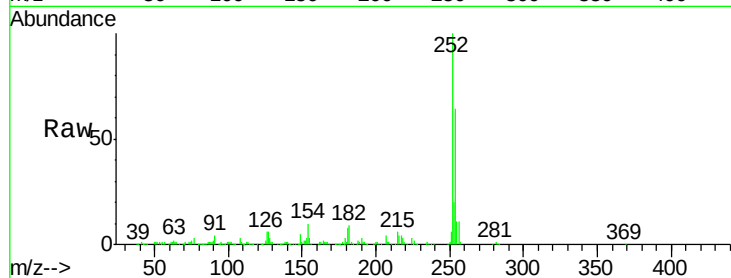




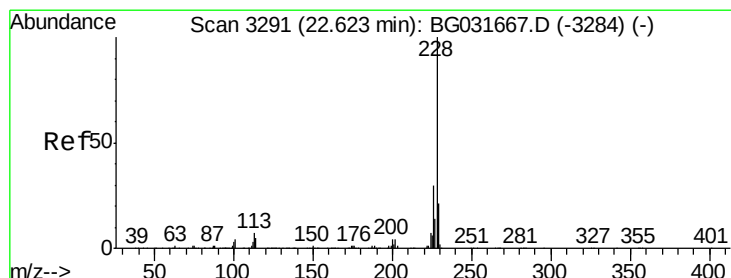
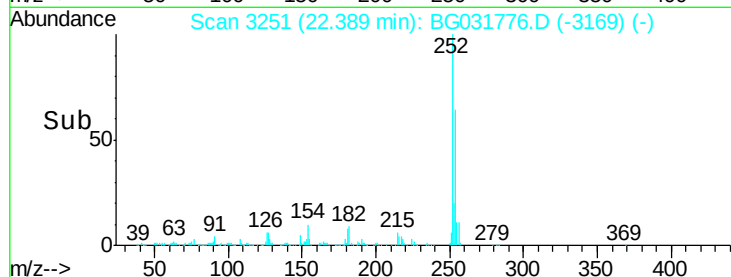
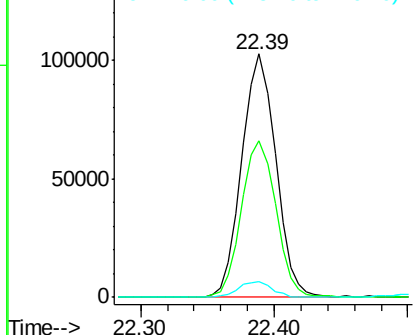
#81
 3,3'-Dichlorobenzidine
 Concen: 17.65 ng
 RT: 22.39 min Scan# 3251
 Delta R.T. -0.05 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BS

Tot Ion:252 Resp: 181636
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.8 76.2
 126 6.4 7.4 11.2#

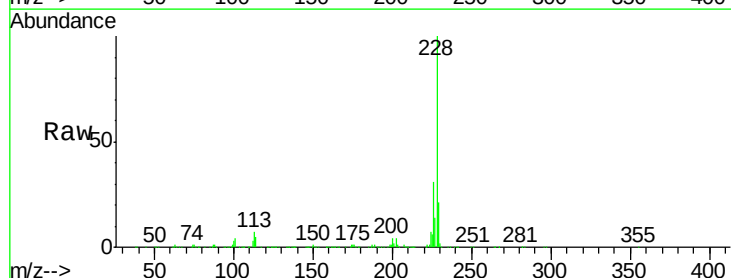


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

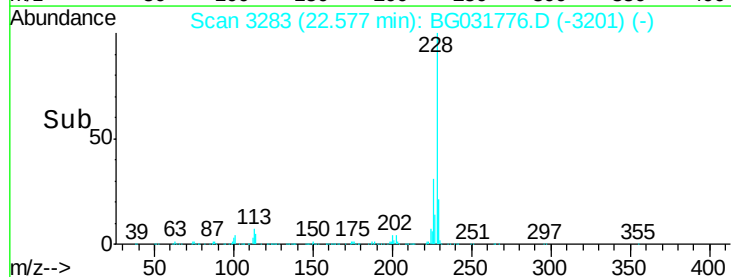
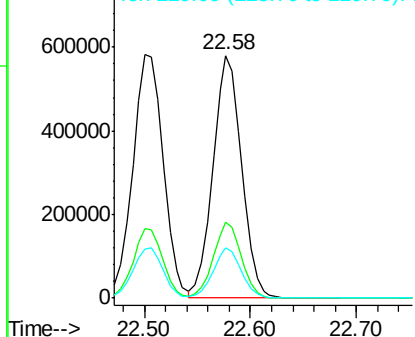


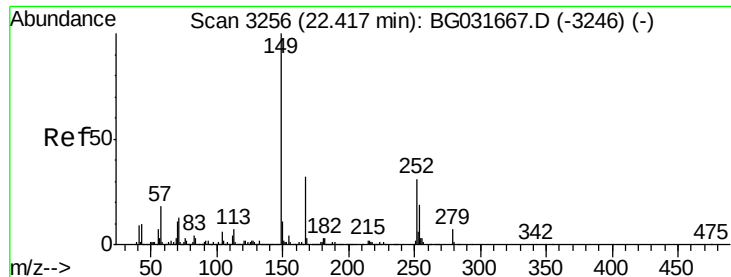
#82
 Chrysene
 Concen: 43.44 ng
 RT: 22.58 min Scan# 3283
 Delta R.T. -0.05 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

Tgt Ion:228 Resp: 1090787
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.7 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.88 ng

RT: 22.35 min Scan# 3245

Delta R.T. -0.06 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

Instrument :

BNA_G

ClientSampleId :

PB105316BS

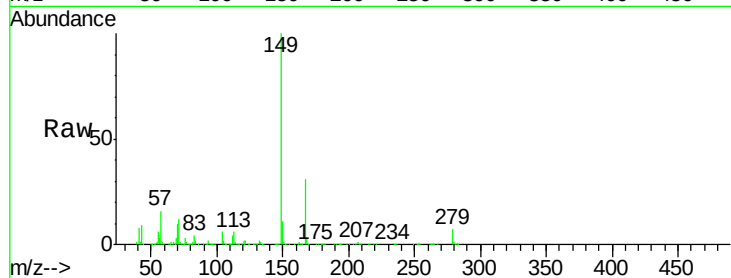
Tot Ion:149 Resp: 568667

Ion Ratio Lower Upper

149 100

167 31.4 24.3 36.5

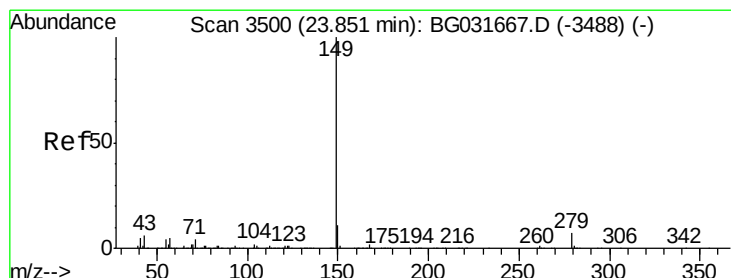
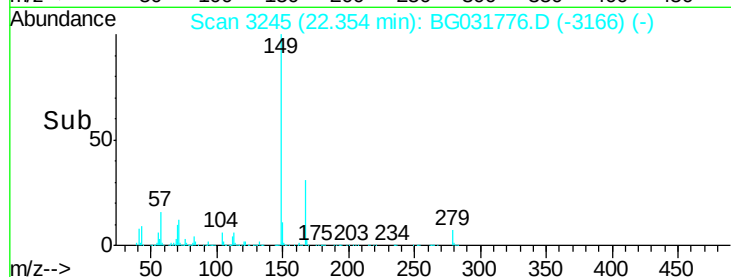
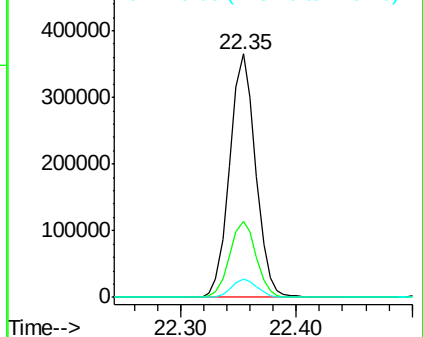
279 7.5 4.0 6.0#



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: 45.16 ng

RT: 23.76 min Scan# 3485

Delta R.T. -0.09 min

Lab File: BG031776.D

Acq: 27 Dec 2017 00:54

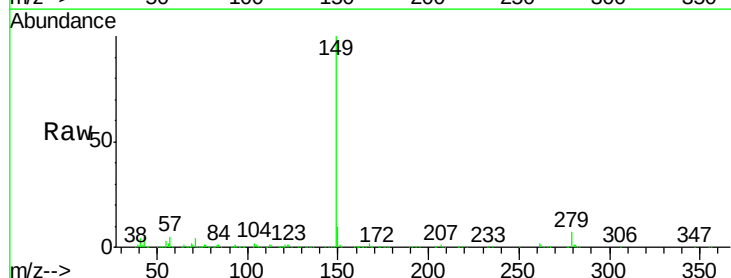
Tgt Ion:149 Resp: 985780

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

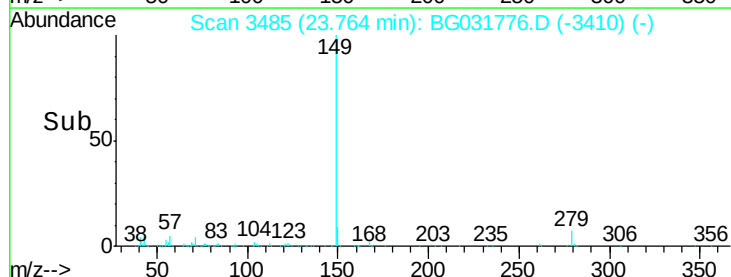
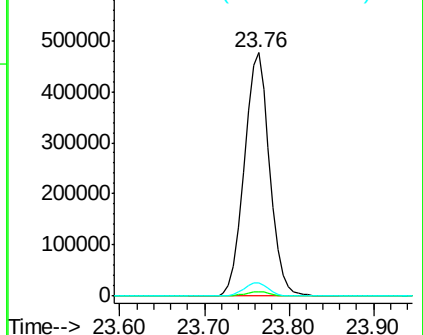
43 5.5 8.9 13.3#

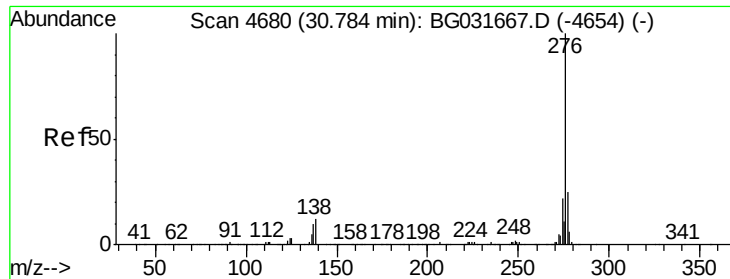


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

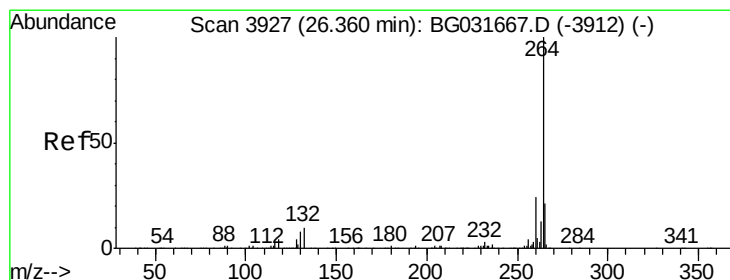
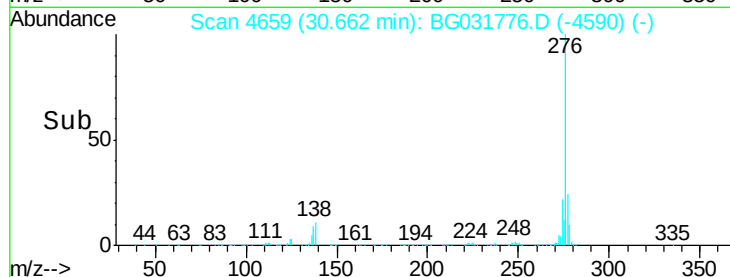
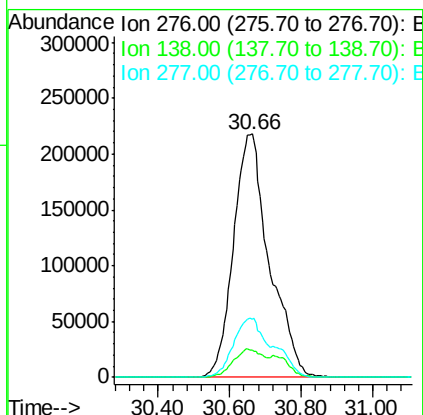
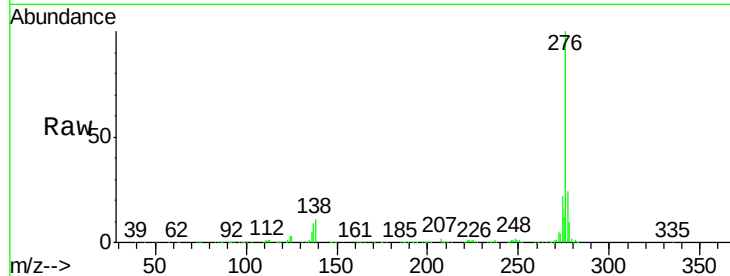




#85
Indeno(1,2,3-cd)pyrene
Concen: 47.21 ng
RT: 30.66 min Scan# 4659
Delta R.T. -0.12 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

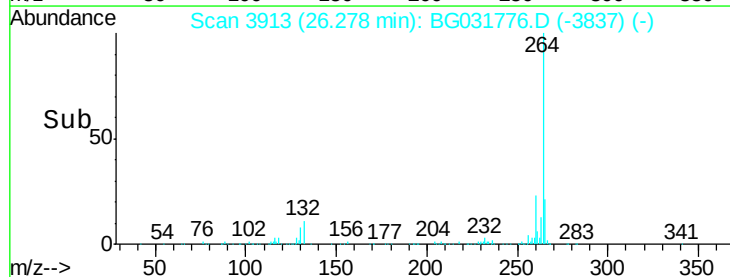
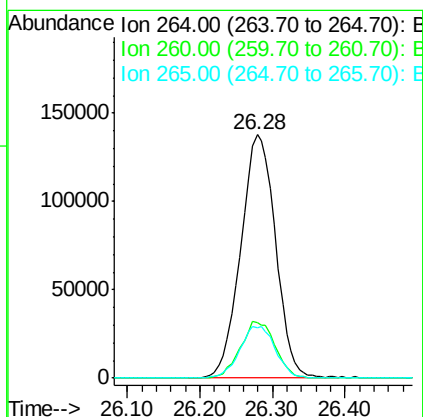
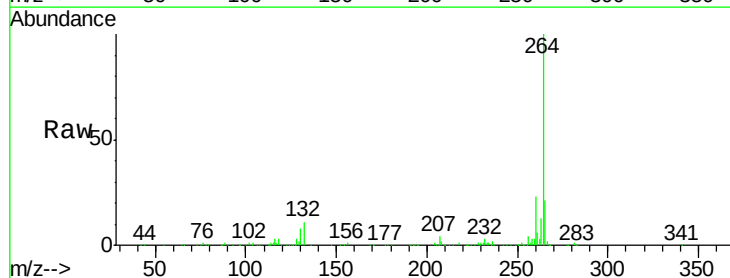
Instrument :
BNA_G
ClientSampleId :
PB105316BS

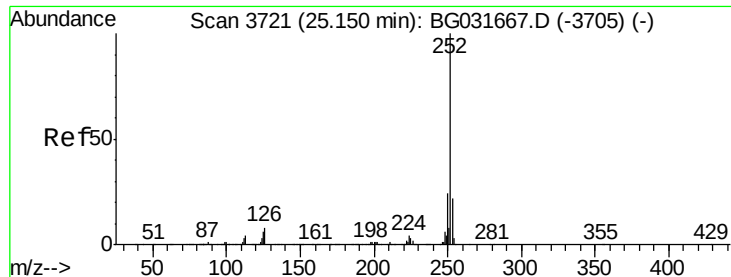
Tot Ion:276 Resp: 1520577
Ion Ratio Lower Upper
276 100
138 9.9 16.0 24.0#
277 26.6 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 26.28 min Scan# 3913
Delta R.T. -0.08 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:264 Resp: 460567
Ion Ratio Lower Upper
264 100
260 23.0 17.4 26.0
265 20.8 17.7 26.5

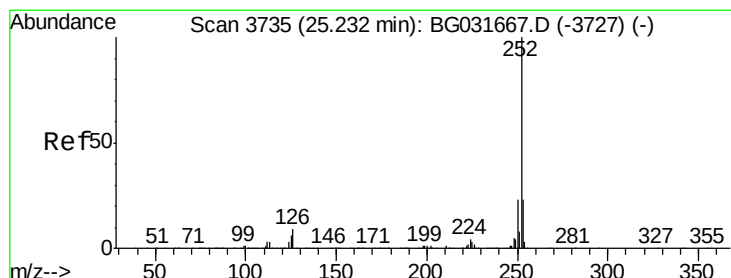
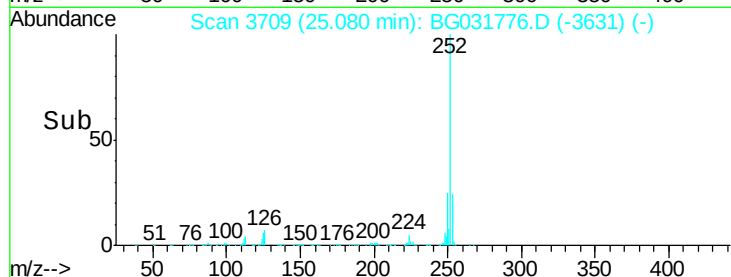
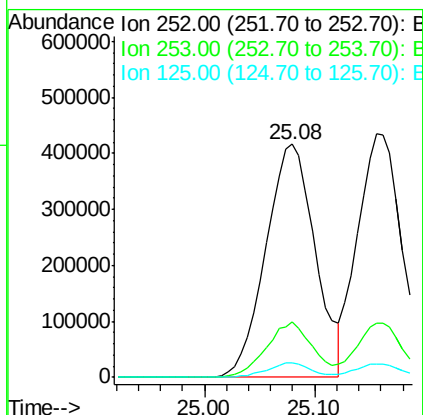
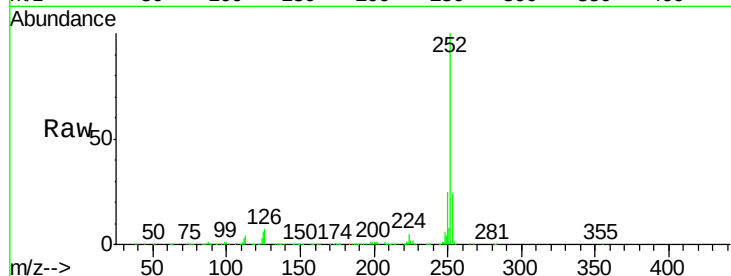




#87
Benzo(b)fluoranthene
Concen: 45.15 ng
RT: 25.08 min Scan# 3709
Delta R.T. -0.07 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

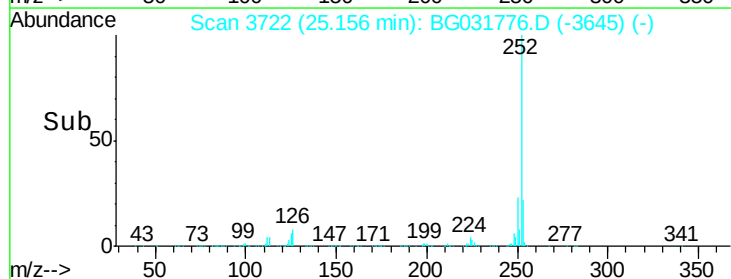
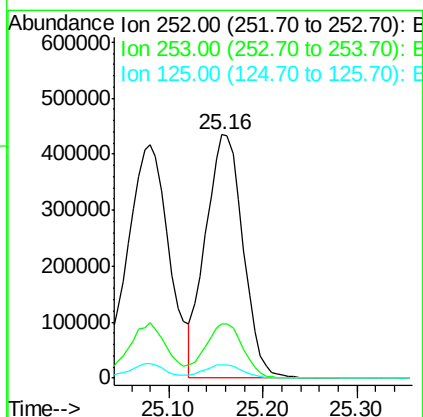
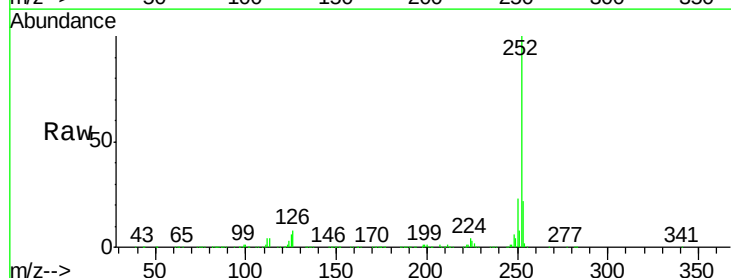
Instrument :
BNA_G
ClientSampleId :
PB105316BS

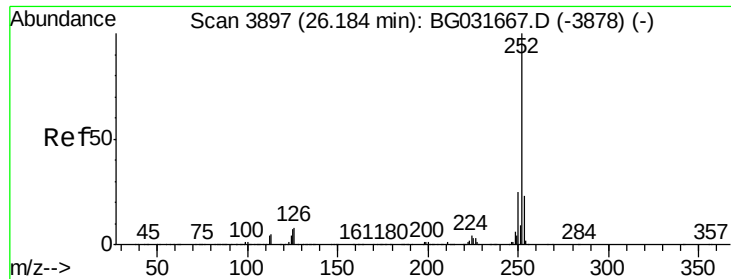
Tot Ion:252 Resp: 1290900
Ion Ratio Lower Upper
252 100
253 23.7 18.2 27.4
125 6.1 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 42.12 ng
RT: 25.16 min Scan# 3722
Delta R.T. -0.08 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:252 Resp: 1205066
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 5.6 6.6 9.8#

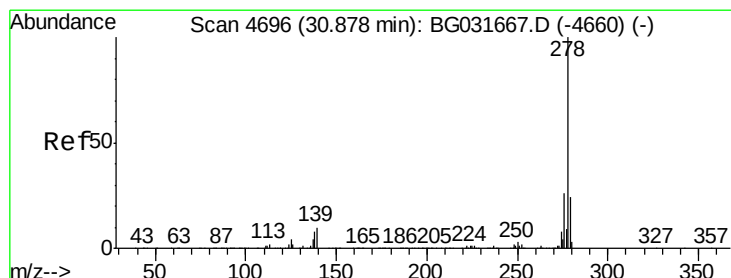
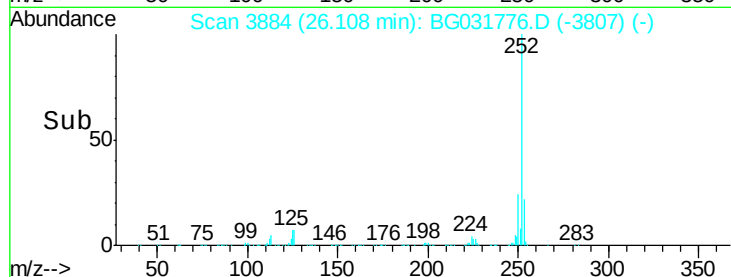
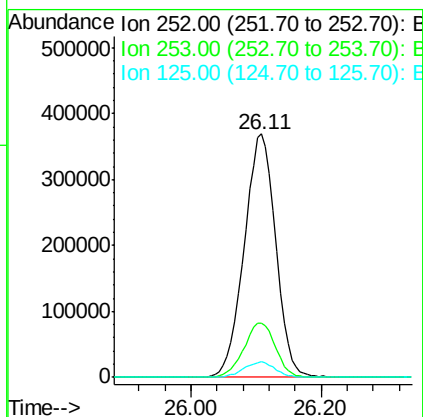
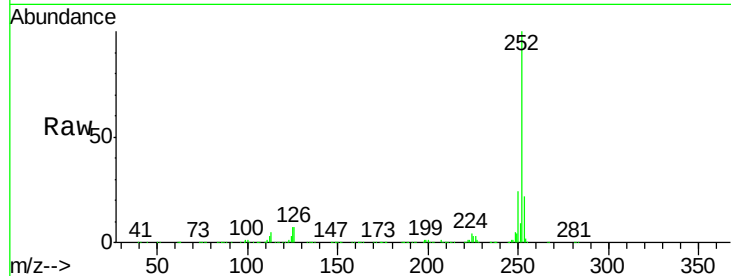




#89
Benzo(a)pyrene
Concen: 45.13 ng
RT: 26.11 min Scan# 3884
Delta R.T. -0.08 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

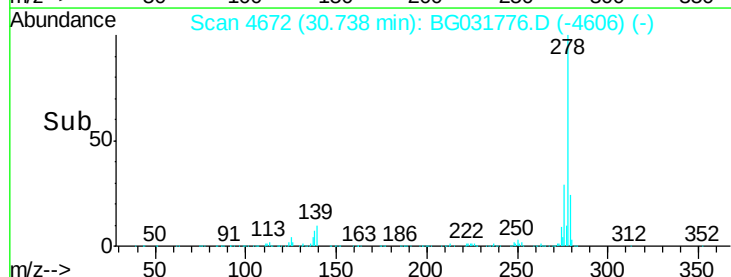
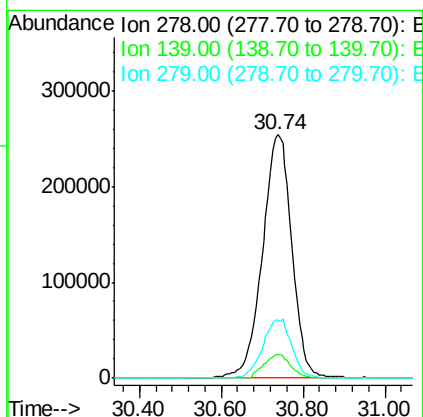
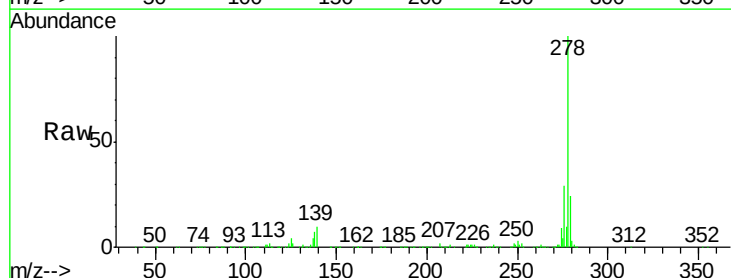
Instrument :
BNA_G
ClientSampleId :
PB105316BS

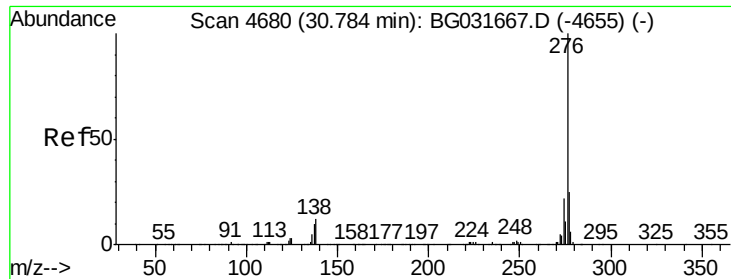
Tot Ion:252 Resp: 1235724
Ion Ratio Lower Upper
252 100
253 22.1 18.3 27.5
125 6.7 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 44.83 ng
RT: 30.74 min Scan# 4672
Delta R.T. -0.14 min
Lab File: BG031776.D
Acq: 27 Dec 2017 00:54

Tgt Ion:278 Resp: 1267813
Ion Ratio Lower Upper
278 100
139 9.5 9.8 14.6#
279 23.7 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 45.54 ng
 RT: 30.66 min Scan# 4659
 Delta R.T. -0.12 min
 Lab File: BG031776.D
 Acq: 27 Dec 2017 00:54

Instrument :
 BNA_G
 ClientSampleId :
 PB105316BS

Tot Ion:276 Resp: 1520577
 Ion Ratio Lower Upper
 276 100
 277 23.7 18.3 27.5
 138 11.2 13.9 20.9#

