

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122217\
 Data File : BG031734.D
 Acq On : 23 Dec 2017 5:47
 Operator : SJ/JU
 Sample : PB105282BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105282BS

Quant Time: Dec 25 04:42:48 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	8.85	152	45199	20.00	ng	0.01
21) Naphthalene-d8	11.74	136	188934	20.00	ng	0.01
38) Acenaphthene-d10	15.47	164	128269	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	330894	20.00	ng	0.00
75) Chrysene-d12	22.56	240	380604	20.00	ng	0.00
86) Perylene-d12	26.36	264	419266	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.27	112	381139	153.59	ng	0.02
7) Phenol-d6	7.95	99	483931	150.20	ng	0.02
23) Nitrobenzene-d5	10.05	82	253952	101.50	ng	0.01
41) 2,4,6-Tribromophenol	16.95	330	317775	162.36	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	923962	90.41	ng	0.00
78) Terphenyl-d14	20.73	244	1659960	99.64	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.90	88	36241	39.397	ng	# 72
3) Pyridine	4.36	79	97697	39.732	ng	# 76
4) n-Nitrosodimethylamine	4.26	42	43944	44.288	ng	# 83
6) Aniline	8.14	93	67206	16.213	ng	# 92
8) 2-Chlorophenol	8.40	128	150006	52.111	ng	# 80
9) Benzaldehyde	7.95	77	53729	27.695	ng	# 86
10) Phenol	7.98	94	166858	51.296	ng	# 90
11) bis(2-Chloroethyl)ether	8.23	93	116863	43.259	ng	# 81
12) 1,3-Dichlorobenzene	8.73	146	162823	45.549	ng	# 93
13) 1,4-Dichlorobenzene	8.89	146	165918	45.437	ng	# 94
14) 1,2-Dichlorobenzene	9.22	146	158535	45.819	ng	# 95
15) Benzyl Alcohol	9.09	79	117055	48.397	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	9.39	45	118485	53.858	ng	# 81
17) 2-Methylphenol	9.28	107	117914	50.662	ng	# 95
18) Hexachloroethane	9.98	117	51595	46.652	ng	# 83
19) n-Nitroso-di-n-propylamine	9.67	70	88384	40.168	ng	# 83
20) 3+4-Methylphenols	9.62	107	160125	48.407	ng	# 95
22) Acetophenone	9.69	105	204957	46.693	ng	# 87
24) Nitrobenzene	10.09	77	129216	50.109	ng	# 81
25) Isophorone	10.62	82	251882	46.765	ng	# 88
26) 2-Nitrophenol	10.82	139	79942	59.127	ng	# 79
27) 2,4-Dimethylphenol	10.86	122	150692	52.966	ng	# 92
28) bis(2-Chloroethoxy)methane	11.10	93	163059	45.118	ng	# 96
29) 2,4-Dichlorophenol	11.36	162	177160	53.041	ng	# 90
30) 1,2,4-Trichlorobenzene	11.59	180	187634	46.009	ng	# 97
31) Naphthalene	11.79	128	441389	46.291	ng	# 99
32) Benzoic acid	10.97	122	97112	49.767	ng	# 80
33) 4-Chloroaniline	11.88	127	57605	13.570	ng	# 91
34) Hexachlorobutadiene	12.05	225	125599	44.861	ng	# 96
35) Caprolactam	12.64	113	52775	52.128	ng	# 47
36) 4-Chloro-3-methylphenol	12.95	107	155173	50.304	ng	# 76
37) 2-Methylnaphthalene	13.35	142	362647	46.916	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	250517	46.368	ng	# 97
40) Hexachlorocyclopentadiene	13.67	237	326972	114.719	ng	# 95

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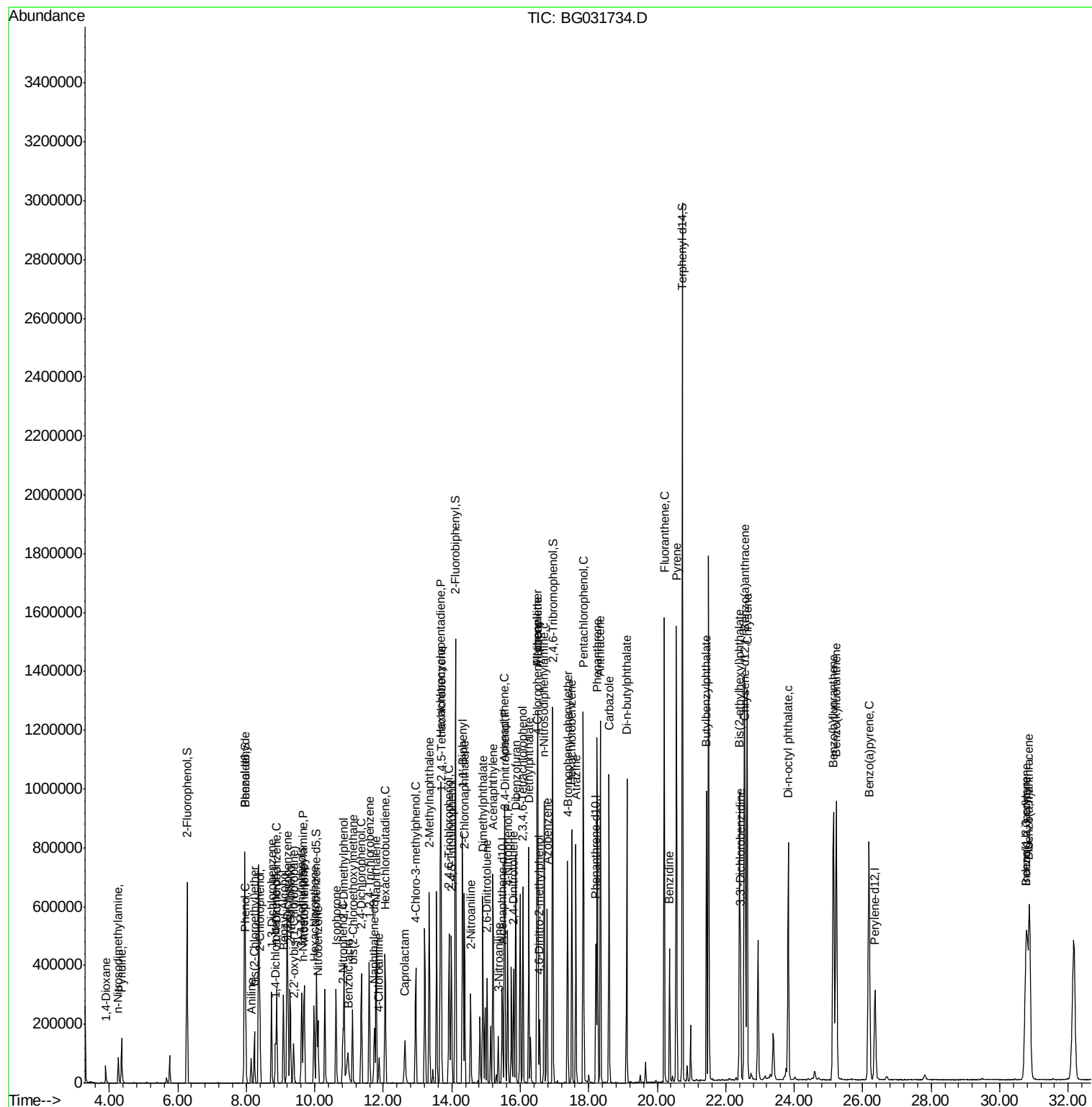
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	160421	51.499	nq	98
43) 2,4,5-Trichlorophenol	13.99	196	175590	50.865	nq #	90
45) 1,1'-Biphenyl	14.32	154	518190	47.300	nq	95
46) 2-Chloronaphthalene	14.37	162	387400	46.360	nq	96
47) 2-Nitroaniline	14.55	65	79417	55.028	nq #	65
48) Acenaphthylene	15.20	152	593991	44.432	nq	99
49) Dimethylphthalate	14.91	163	510543	45.181	nq	99
50) 2,6-Dinitrotoluene	15.03	165	115247	55.440	nq #	61
51) Acenaphthene	15.54	154	426104	48.668	nq	96
52) 3-Nitroaniline	15.36	138	49574	24.443	nq #	77
53) 2,4-Dinitrophenol	15.56	184	99889	109.952	nq #	66
54) Dibenzofuran	15.87	168	625944	46.638	nq	98
55) 4-Nitrophenol	15.63	139	187080	113.334	nq #	69
56) 2,4-Dinitrotoluene	15.81	165	163927	61.327	nq #	61
57) Fluorene	16.51	166	501882	46.032	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.08	232	186474	55.366	nq #	83
59) Diethylphthalate	16.25	149	501203	45.507	nq	95
60) 4-Chlorophenyl-phenylether	16.49	204	300726	45.079	nq	93
61) 4-Nitroaniline	16.51	138	90234	45.593	nq	80
62) Azobenzene	16.78	77	322120	45.605	nq	81
64) 4,6-Dinitro-2-methylphenol	16.56	198	76776	47.747	nq #	68
65) n-Nitrosodiphenylamine	16.70	169	471236	42.880	nq	98
66) 4-Bromophenyl-phenylether	17.38	248	224150	46.845	nq	94
67) Hexachlorobenzene	17.51	284	233363	47.708	nq #	88
68) Atrazine	17.62	200	210197	49.189	nq	97
69) Pentachlorophenol	17.84	266	312811	92.976	nq	99
70) Phenanthrene	18.25	178	868831	46.397	nq	98
71) Anthracene	18.34	178	892797	47.263	nq	98
72) Carbazole	18.59	167	784836	46.942	nq	100
73) Di-n-butylphthalate	19.11	149	878114	47.260	nq	99
74) Fluoranthene	20.20	202	1099015	47.831	nq	95
76) Benzidine	20.36	184	297199	25.299	nq	98
77) Pyrene	20.56	202	1113868	45.816	nq	97
79) Butylbenzylphthalate	21.44	149	386707	47.383	nq #	75
80) Benzo(a)anthracene	22.55	228	1126122	46.513	nq	99
81) 3,3'-Dichlorobenzidine	22.43	252	200575	21.368	nq #	98
82) Chrysene	22.62	228	1057293	46.155	nq	97
83) Bis(2-ethylhexyl)phthalate	22.40	149	538560	45.548	nq #	97
84) Di-n-octyl phthalate	23.82	149	946021	47.507	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.78	276	1469606	50.007	nq #	85
87) Benzo(b)fluoranthene	25.14	252	1215775	46.715	nq #	97
88) Benzo(k)fluoranthene	25.23	252	1182703	45.409	nq #	97
89) Benzo(a)pyrene	26.18	252	1198131	48.069	nq #	97
90) Dibenzo(a,h)anthracene	30.86	278	1217469	47.294	nq #	95
91) Benzo(g,h,i)perylene	30.78	276	1469606	48.353	nq #	94

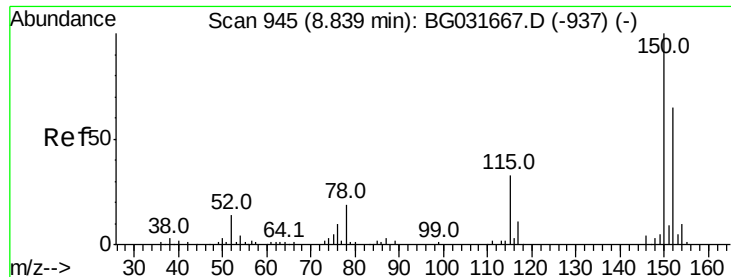
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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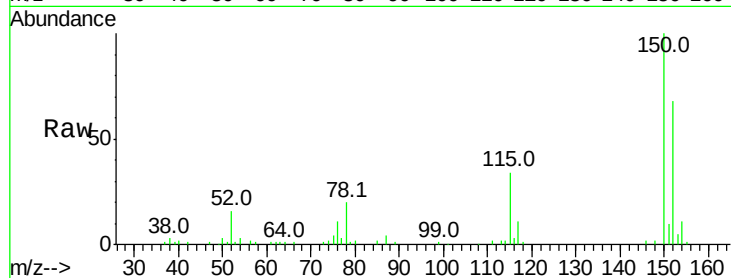


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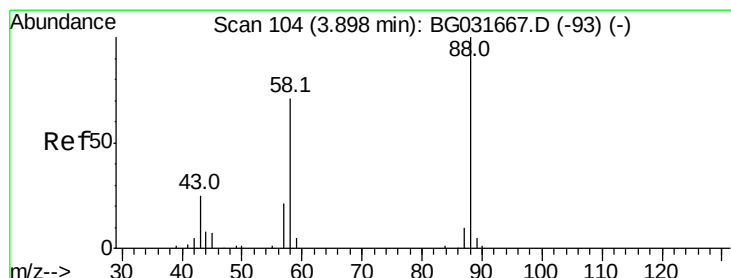
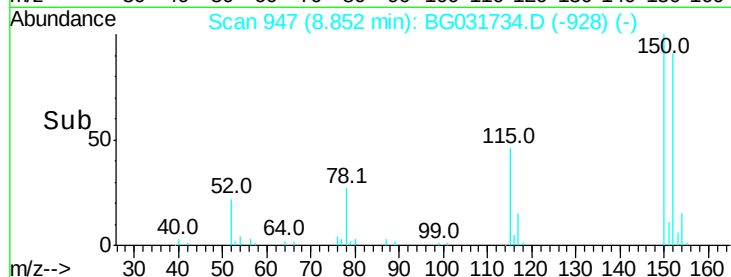
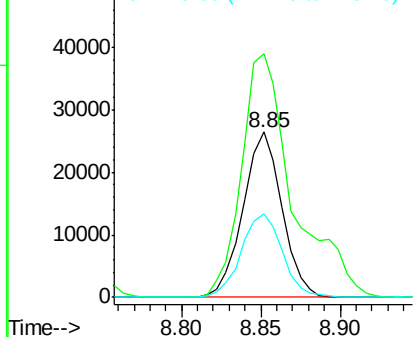
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Instrument :
BNA_G
ClientSampleId :
PB105282BS

Tot Ion:152 Resp: 45199
Ion Ratio Lower Upper
152 100
150 147.3 126.6 189.8
115 50.8 53.0 79.4#



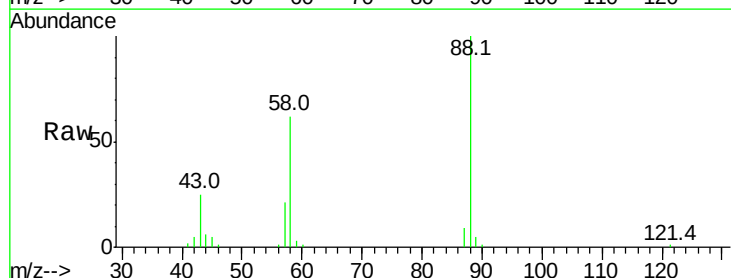
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



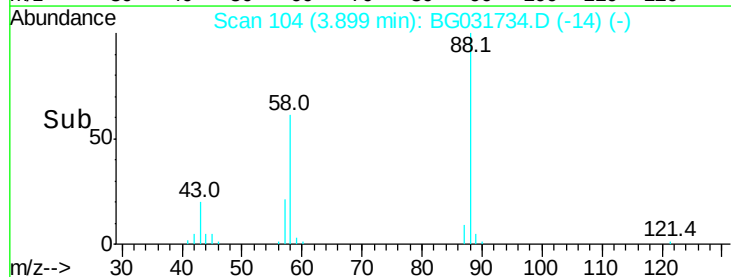
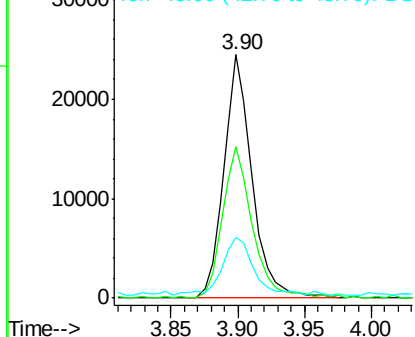
#2

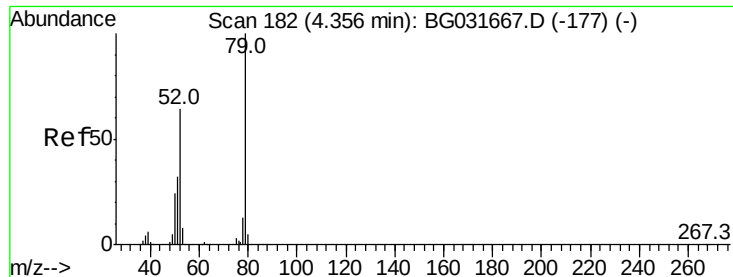
1,4-Dioxane
Concen: 39.397 ng
RT: 3.90 min Scan# 104
Delta R.T. 0.00 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion: 88 Resp: 36241
Ion Ratio Lower Upper
88 100
58 66.3 79.6 119.4#
43 26.2 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: 39.732 ng

RT: 4.36 min Scan# 182

Delta R.T. 0.00 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

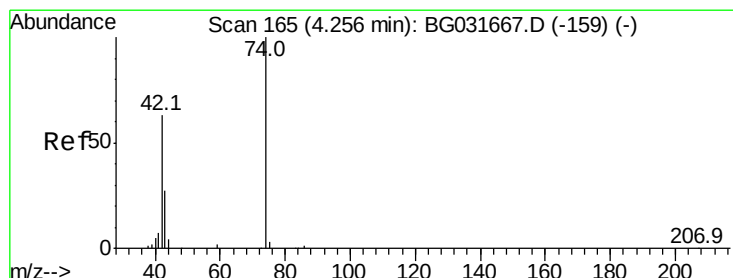
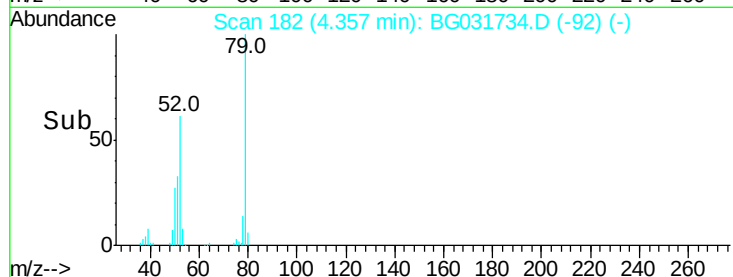
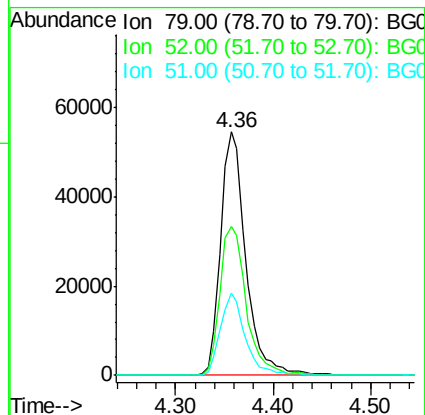
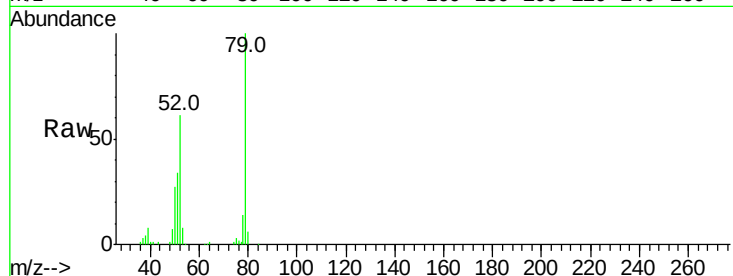
Tot Ion: 79 Resp: 97697

Ion Ratio Lower Upper

79 100

52 61.0 69.9 104.9#

51 33.7 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 44.288 ng

RT: 4.26 min Scan# 166

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

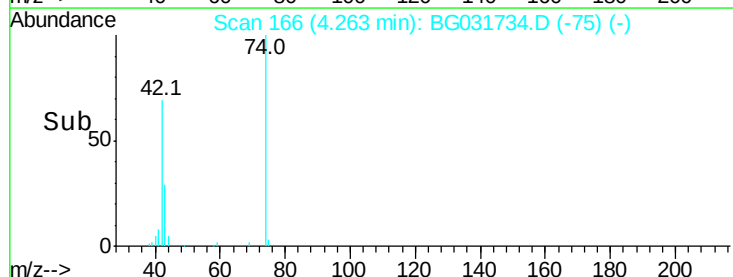
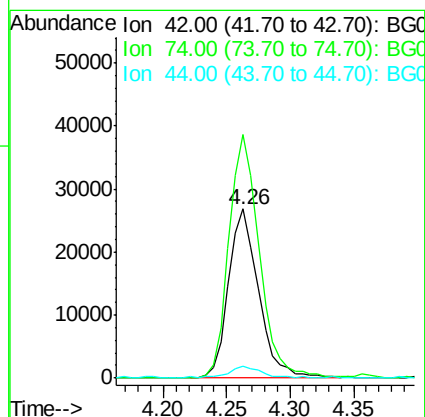
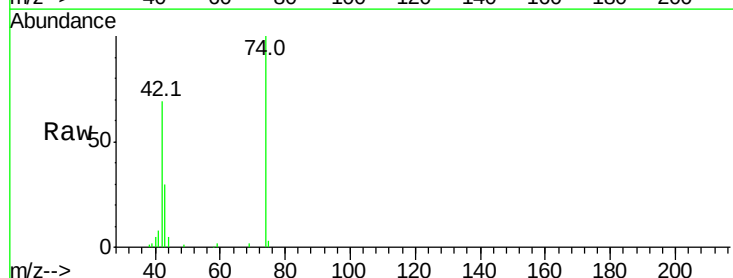
Tgt Ion: 42 Resp: 43944

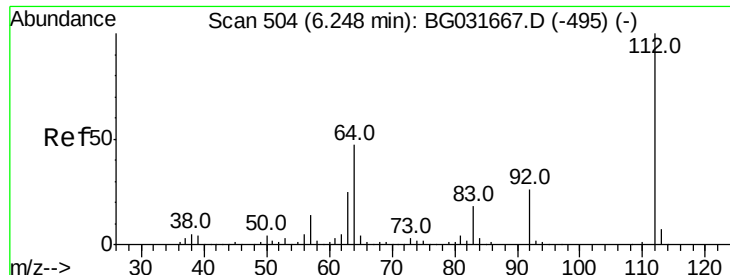
Ion Ratio Lower Upper

42 100

74 144.1 102.5 153.7

44 7.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 153.588 ng

RT: 6.27 min Scan# 508

Delta R.T. 0.02 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

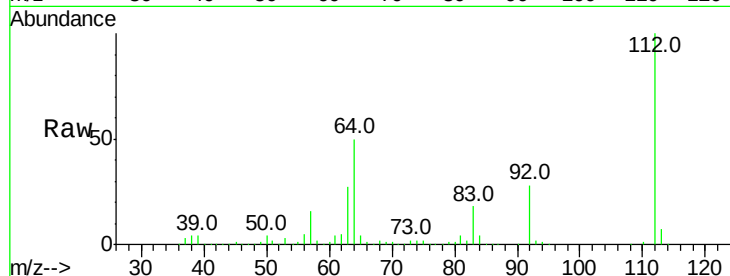
Tot Ion: 112 Resp: 381139

Ion Ratio Lower Upper

112 100

64 49.7 56.3 84.5#

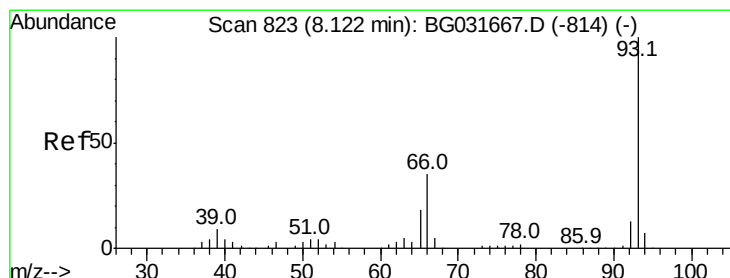
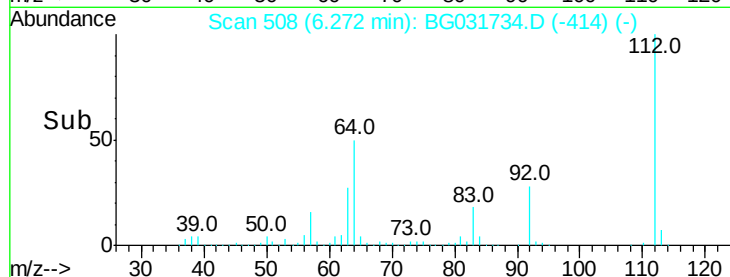
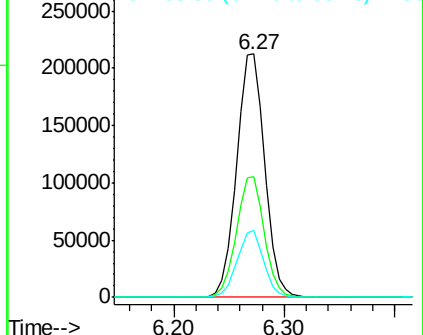
63 27.4 30.1 45.1#



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: 16.213 ng

RT: 8.14 min Scan# 826

Delta R.T. 0.02 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

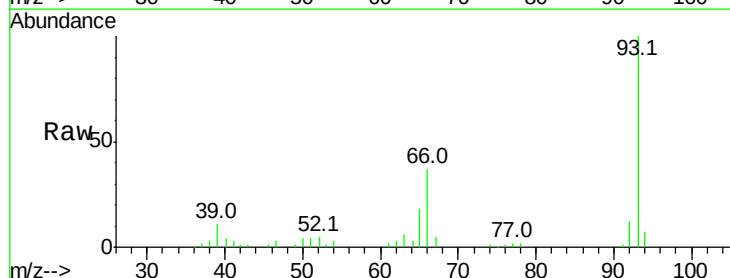
Tgt Ion: 93 Resp: 67206

Ion Ratio Lower Upper

93 100

66 36.6 33.7 50.5

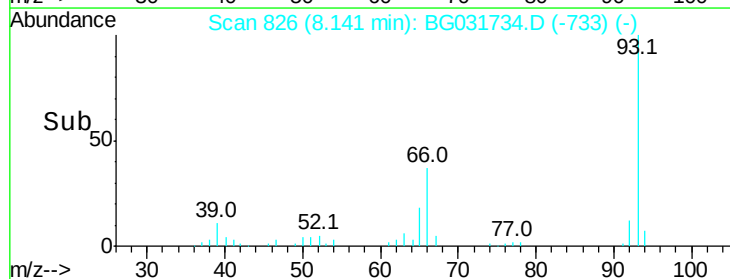
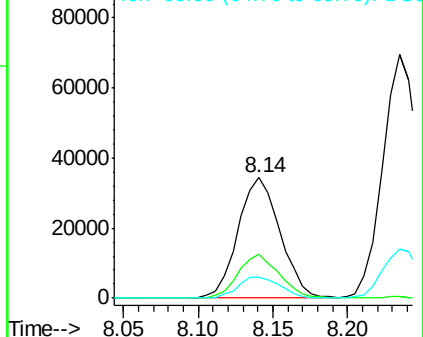
65 17.7 16.1 24.1

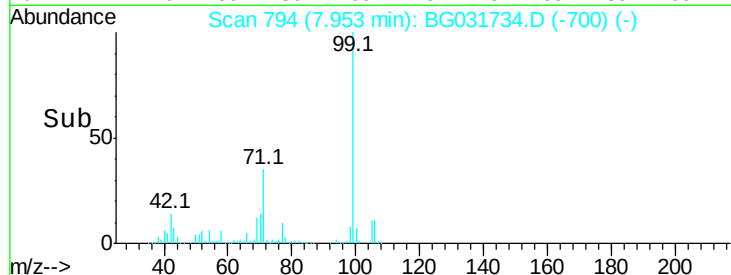
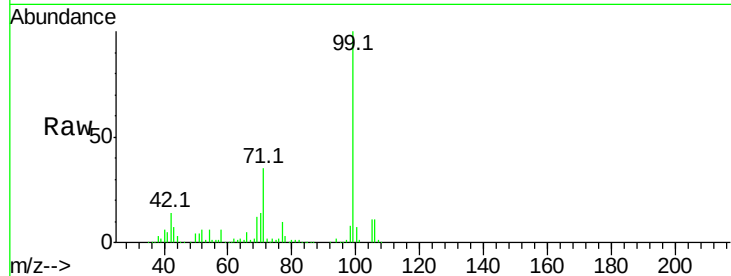
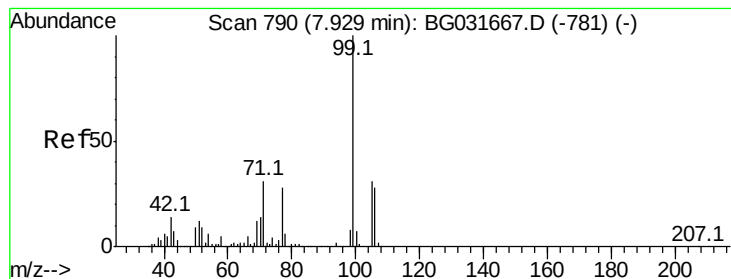


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 150.200 ng

RT: 7.95 min Scan# 794

Delta R.T. 0.02 min

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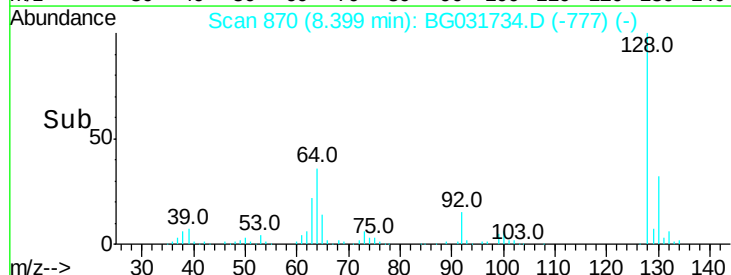
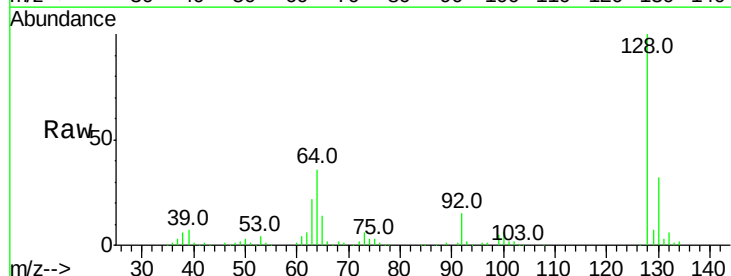
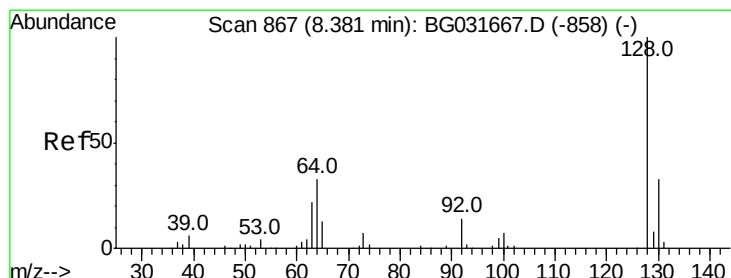
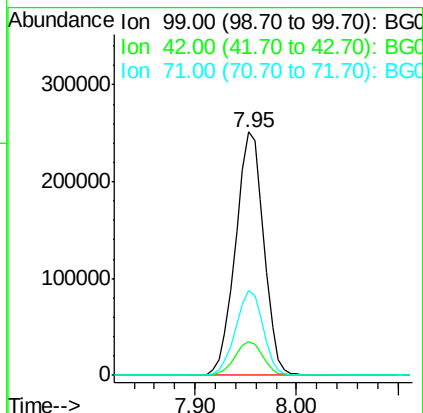
Tot Ion: 99 Resp: 483931

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

71 35.1 26.1 39.1



#8

2-Chlorophenol

Concen: 52.111 ng

RT: 8.40 min Scan# 870

Delta R.T. 0.02 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

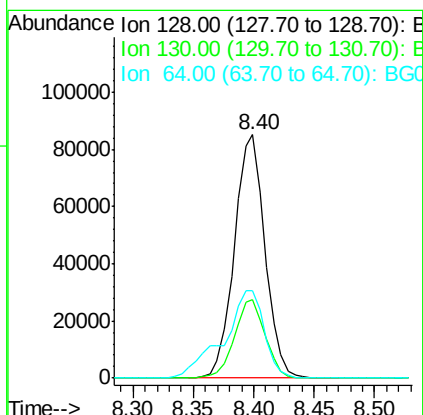
Tgt Ion: 128 Resp: 150006

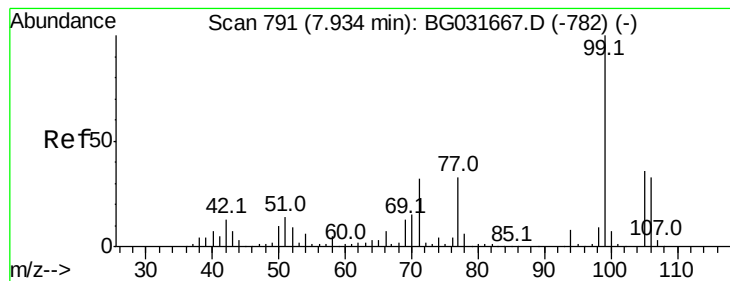
Ion Ratio Lower Upper

128 100

130 32.4 14.0 54.0

64 35.7 37.7 77.7#





#9

Benzaldehyde

Concen: 27.695 ng

RT: 7.95 min Scan# 793

Delta R.T. 0.01 min

Lab File: BG031734.D

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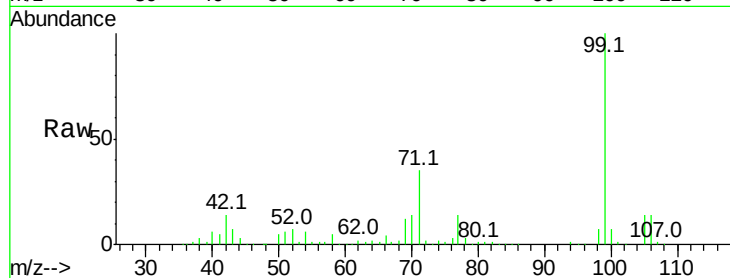
Tot Ion: 77 Resp: 53729

Ion	Ratio	Lower	Upper
77	100		
105	100.4	71.3	111.3
106	101.5	64.2	104.2

77 100

105 100.4 71.3 111.3

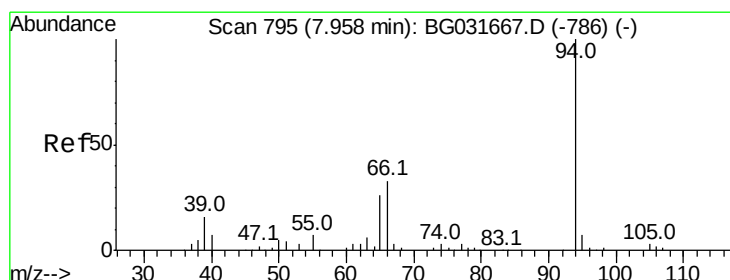
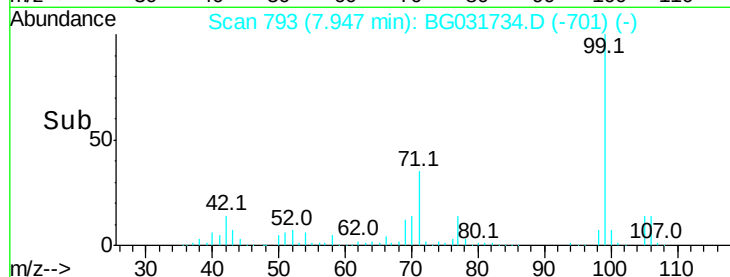
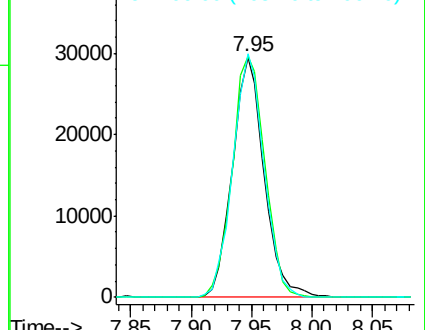
106 101.5 64.2 104.2



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: 51.296 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.02 min

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Acq: 23 Dec 2017 5:47

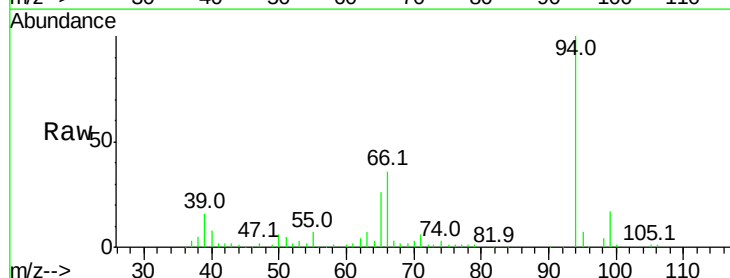
Tgt Ion: 94 Resp: 166858

Ion	Ratio	Lower	Upper
94	100		
65	26.4	11.9	51.9
66	36.2	22.2	62.2

94 100

65 26.4 11.9 51.9

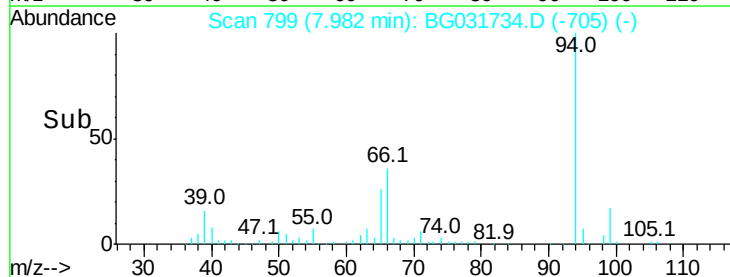
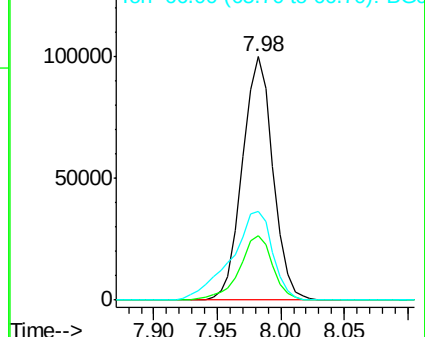
66 36.2 22.2 62.2

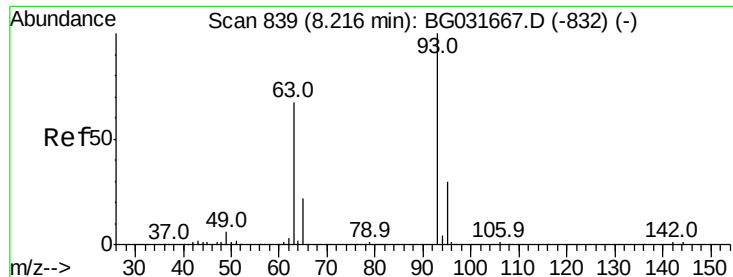


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

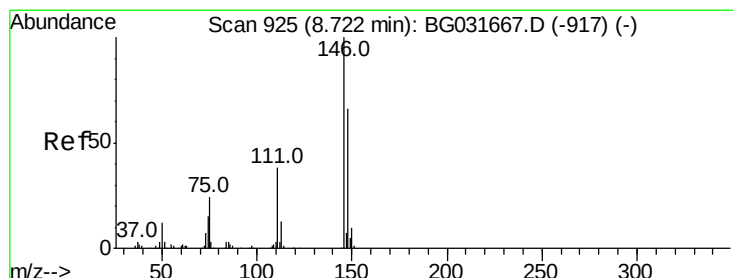
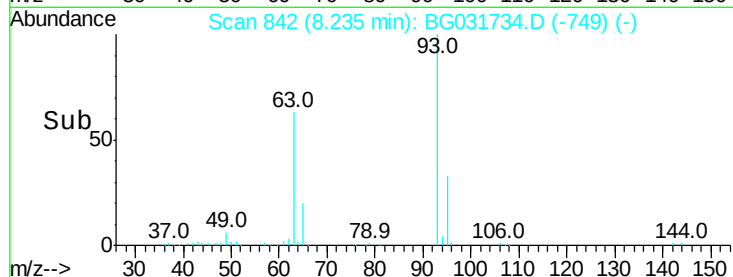
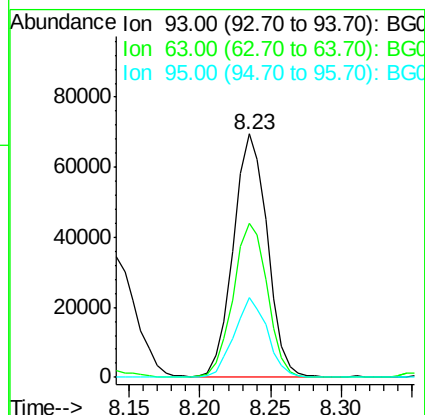
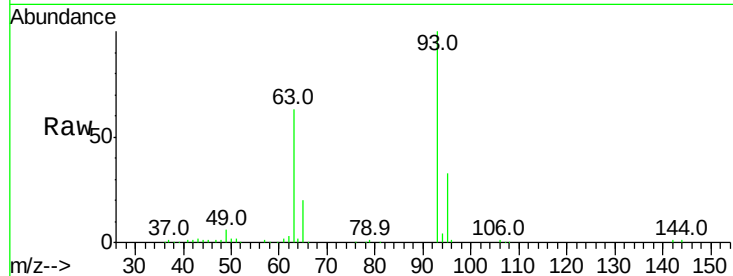




#11
 bis(2-Chloroethyl)ether
 Concen: 43.259 ng
 RT: 8.23 min Scan# 842
 Delta R.T. 0.02 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

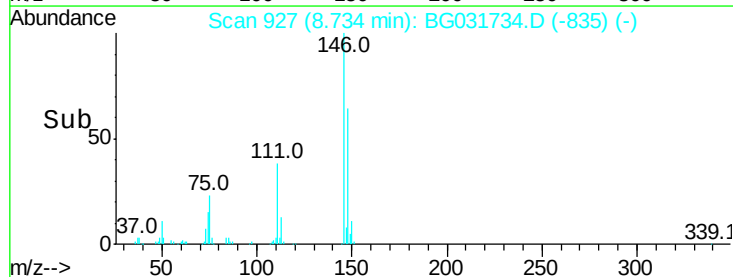
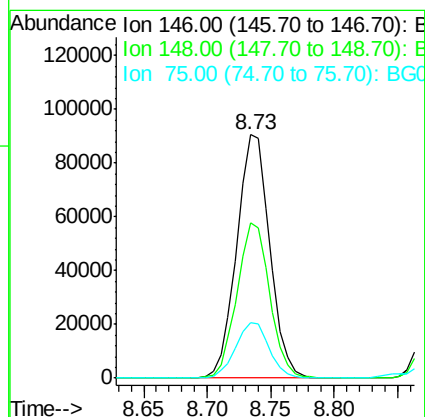
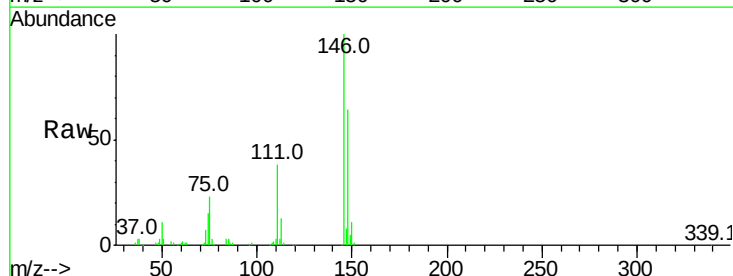
Instrument :
 BNA_G
 ClientSampleId :
 PB105282BS

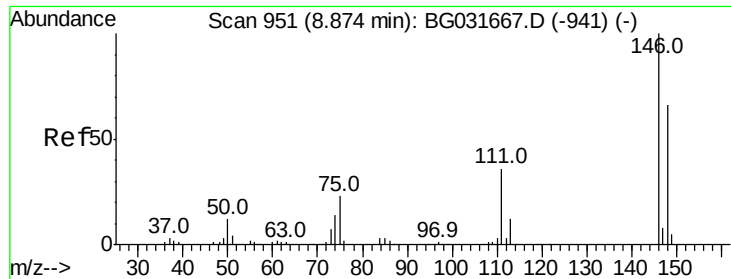
Tot Ion: 93 Resp: 116863
 Ion Ratio Lower Upper
 93 100
 63 63.4 67.1 107.1#
 95 32.6 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 45.549 ng
 RT: 8.73 min Scan# 927
 Delta R.T. 0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Tgt Ion: 146 Resp: 162823
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.4 77.2
 75 22.5 26.6 39.8#

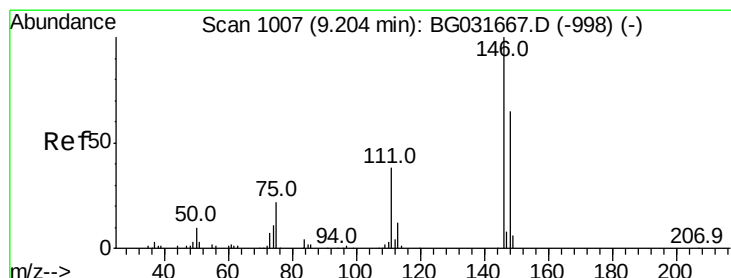
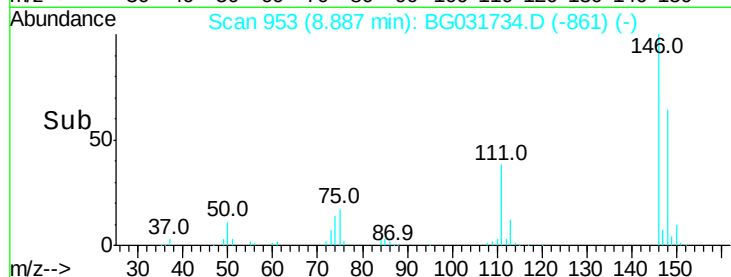
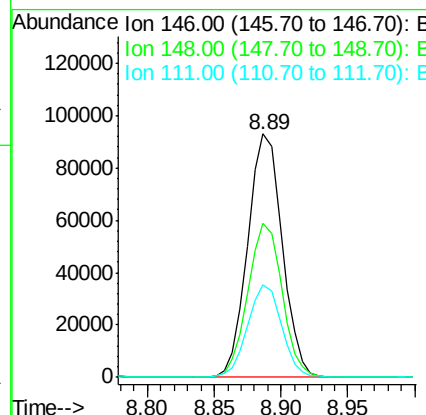
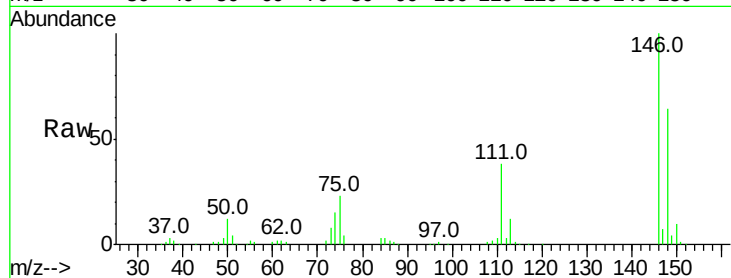




#13
 1,4-Dichlorobenzene
 Concen: 45.437 ng
 RT: 8.89 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

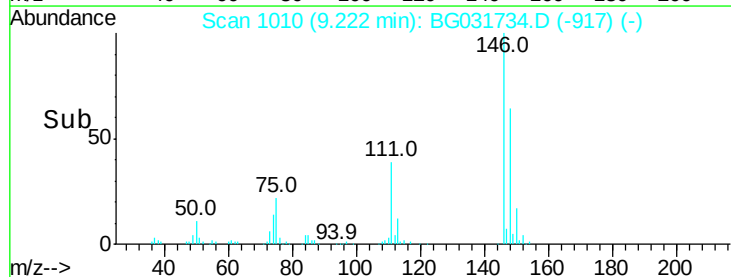
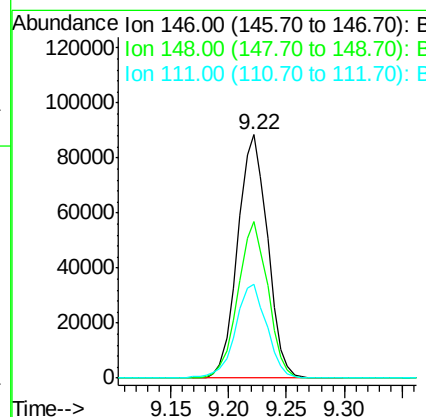
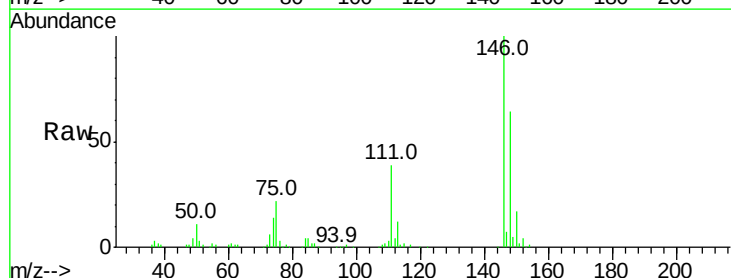
Instrument :
 BNA_G
 ClientSampleId :
 PB105282BS

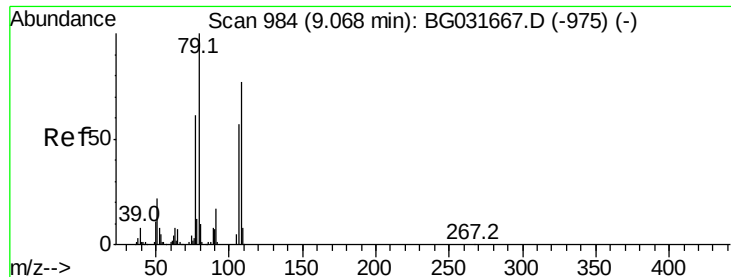
Tot Ion:146 Resp: 165918
 Ion Ratio Lower Upper
 146 100
 148 63.5 53.7 80.5
 111 38.1 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 45.819 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. 0.02 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Tgt Ion:146 Resp: 158535
 Ion Ratio Lower Upper
 146 100
 148 64.5 49.3 73.9
 111 38.6 34.3 51.5

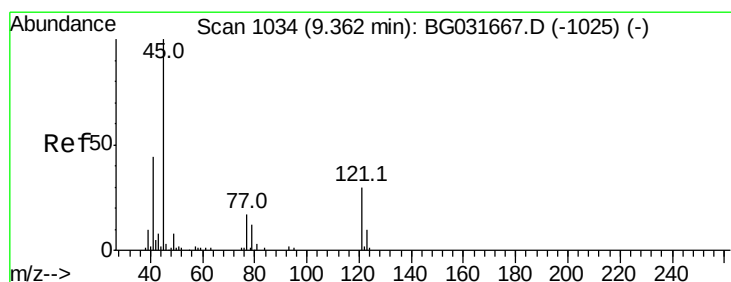
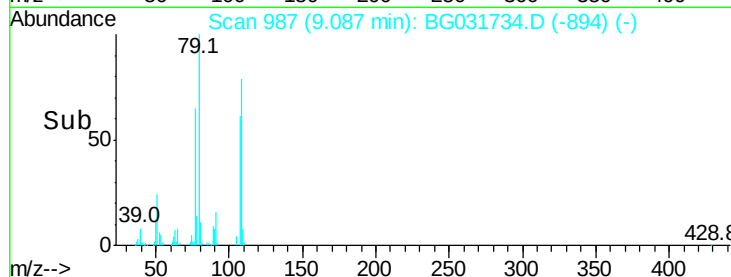
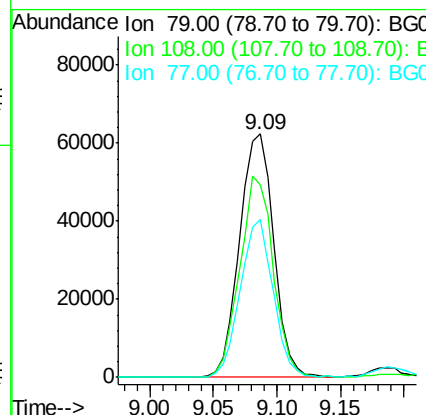
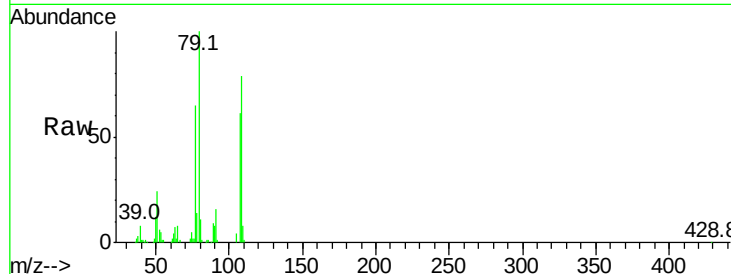




#15
Benzyl Alcohol
Concen: 48.397 ng
RT: 9.09 min Scan# 987
Delta R.T. 0.02 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

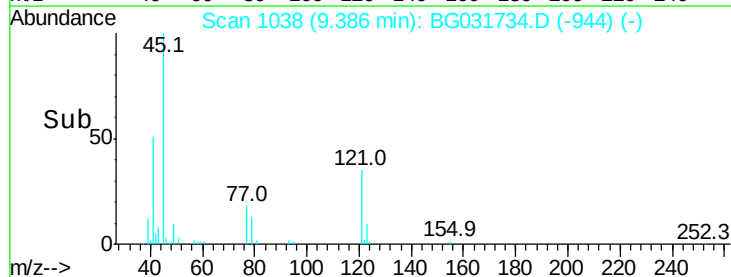
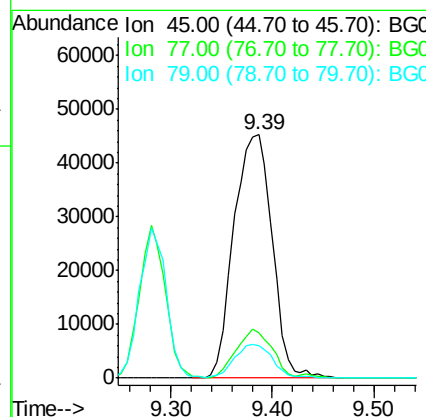
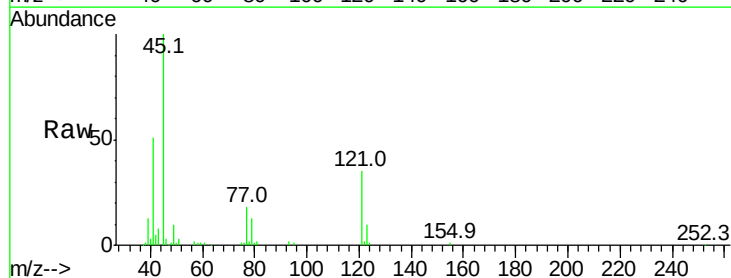
Instrument :
BNA_G
ClientSampleId :
PB105282BS

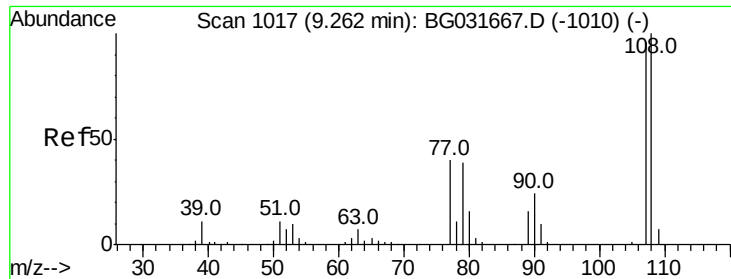
Tot Ion: 79 Resp: 117055
Ion Ratio Lower Upper
79 100
108 79.2 57.2 85.8
77 65.0 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 53.858 ng
RT: 9.39 min Scan# 1038
Delta R.T. 0.02 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion: 45 Resp: 118485
Ion Ratio Lower Upper
45 100
77 18.3 0.0 30.2
79 13.4 0.0 27.9

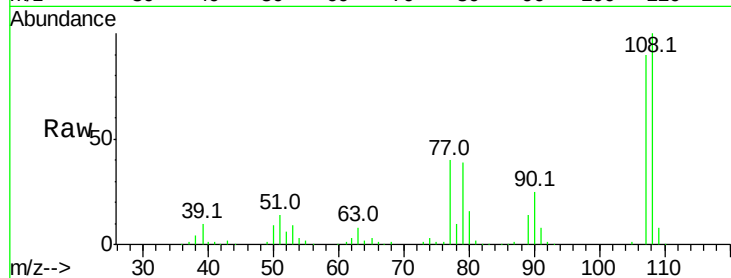




#17
2-Methylphenol
Concen: 50.662 ng
RT: 9.28 min Scan# 1020
Delta R.T. 0.02 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Instrument :
BNA_G
ClientSampleId :
PB105282BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	83.9	125.9
77	44.3	37.2	55.8
79	43.4	36.2	54.2



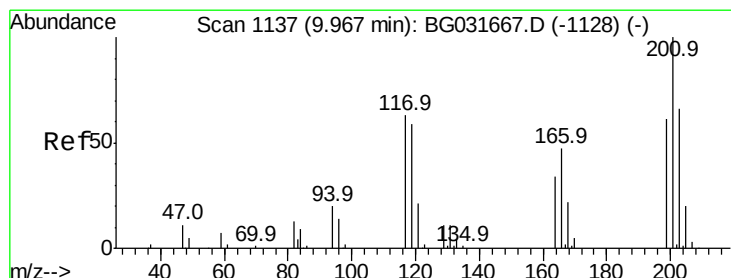
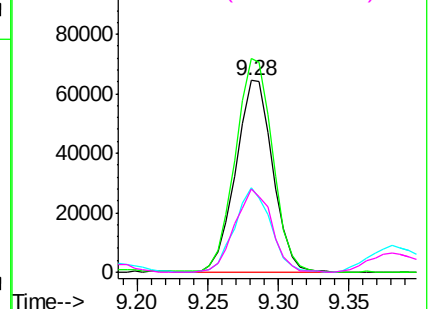
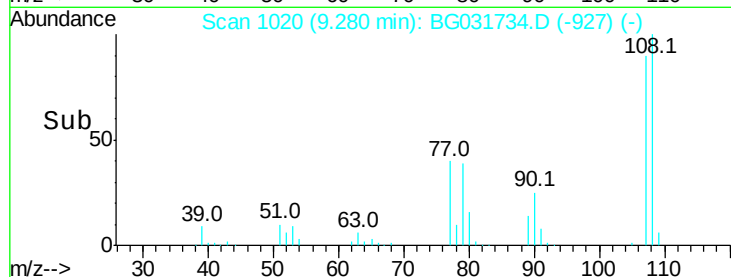
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

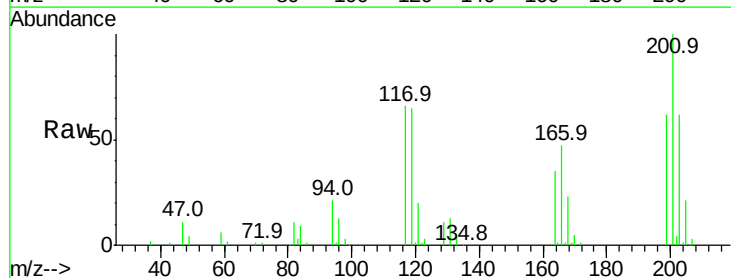
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 46.652 ng
RT: 9.98 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.7	115.1
201	151.7	95.7	143.5

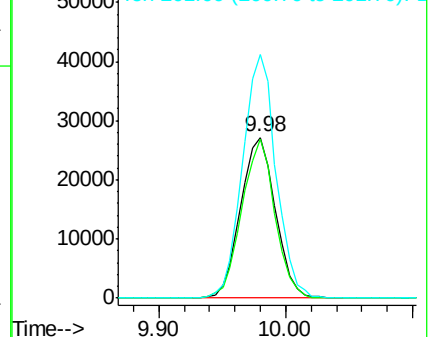
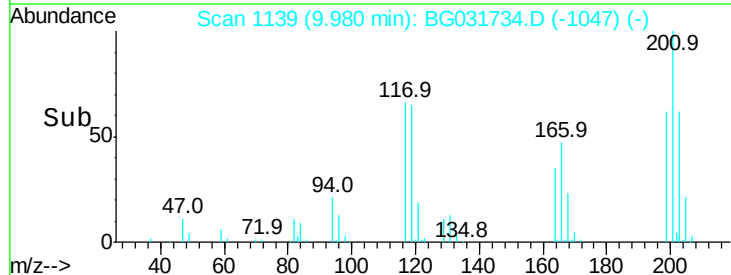


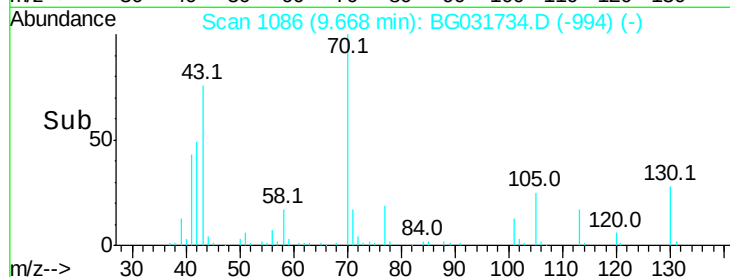
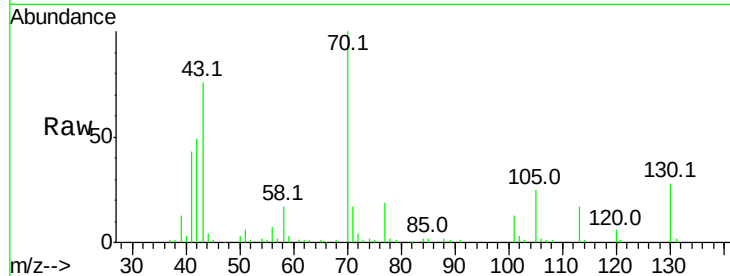
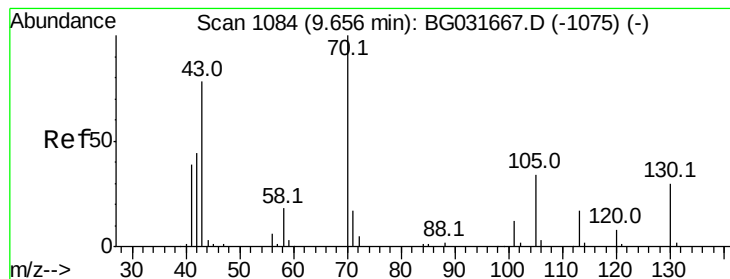
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 40.168 ng

RT: 9.67 min Scan# 1086

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

Tot Ion: 70 Resp: 88384

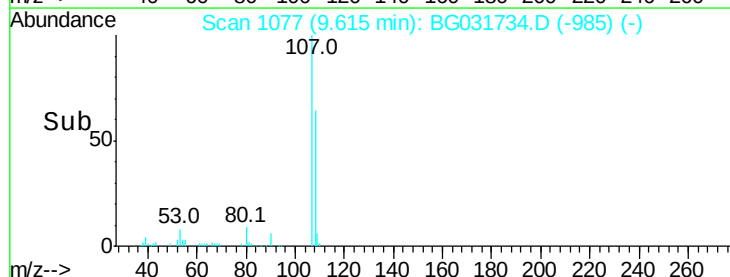
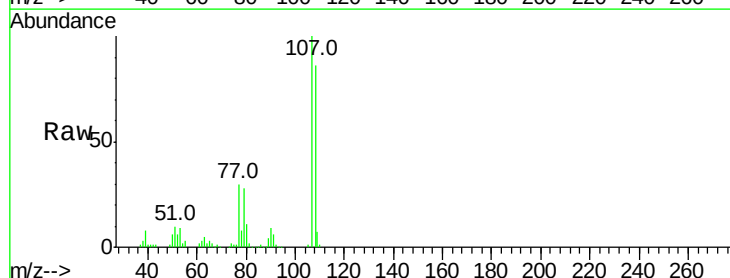
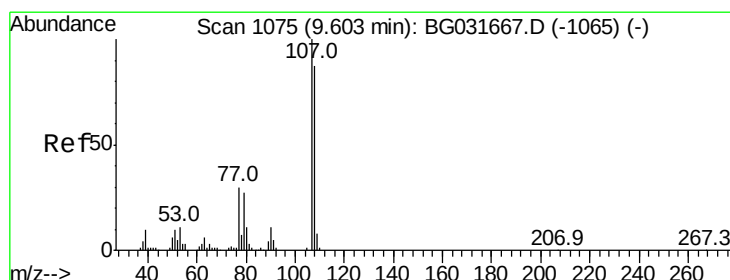
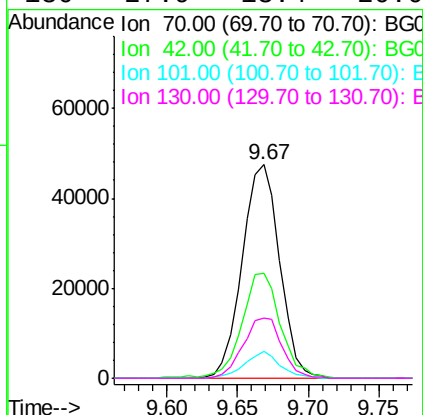
Ion Ratio Lower Upper

70 100

42 49.0 49.1 73.7#

101 12.9 8.5 12.7#

130 27.9 13.4 20.0#



#20

3+4-Methylphenols

Concen: 48.407 ng

RT: 9.62 min Scan# 1077

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Tgt Ion:107 Resp: 160125

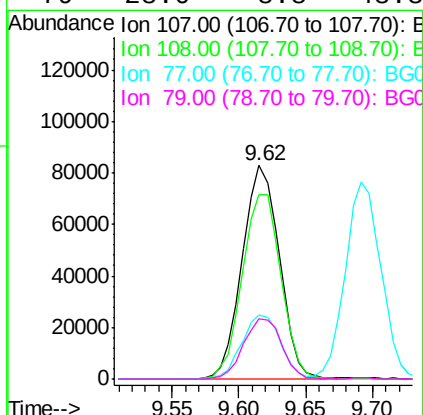
Ion Ratio Lower Upper

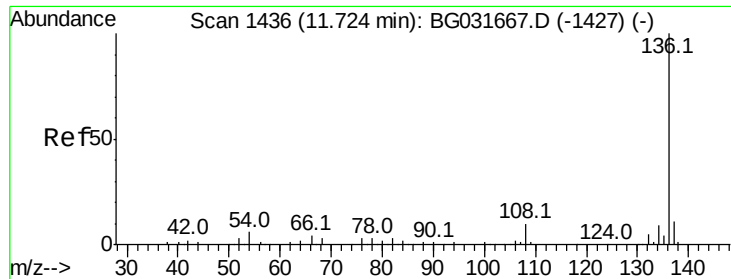
107 100

108 86.3 61.6 101.6

77 30.2 13.9 53.9

79 28.0 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.74 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

Tot Ion:136 Resp: 188934

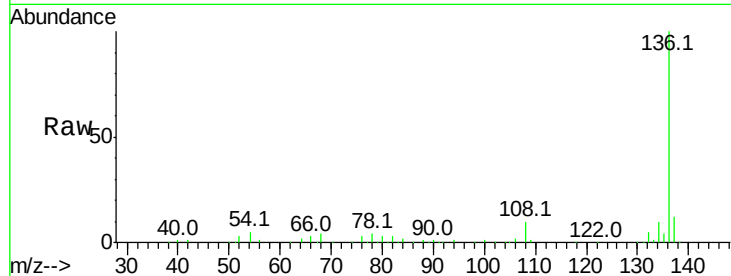
Ion Ratio Lower Upper

136 100

137 12.4 9.2 13.8

54 5.3 10.3 15.5#

68 4.1 4.5 6.7#

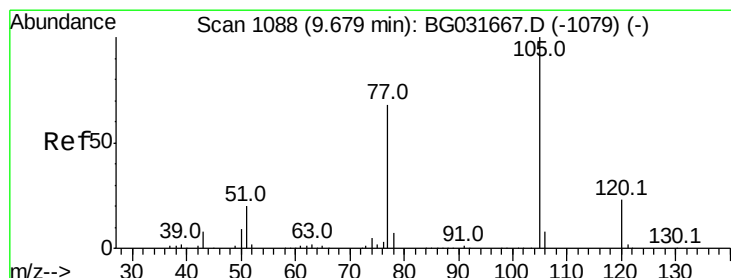
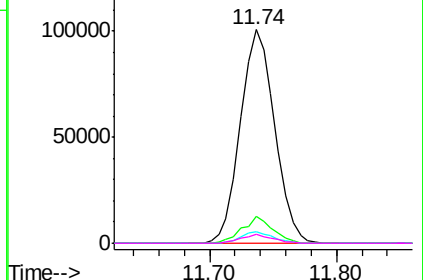
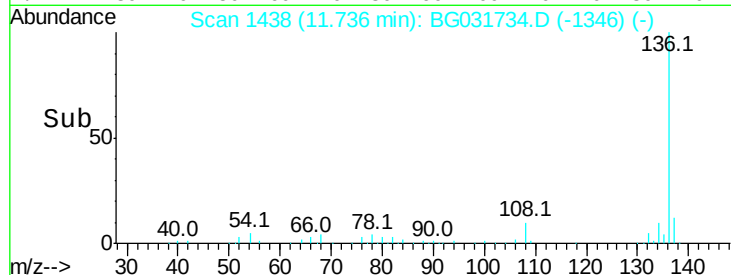


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.693 ng

RT: 9.69 min Scan# 1090

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Tgt Ion:105 Resp: 204957

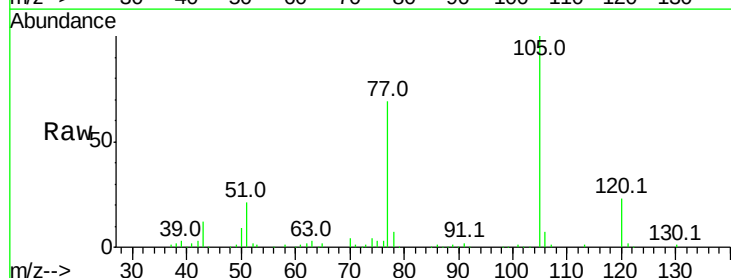
Ion Ratio Lower Upper

105 100

71 0.8 3.0 4.4#

51 20.9 26.1 39.1#

120 22.9 17.4 26.2

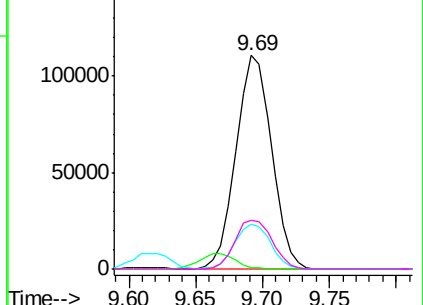
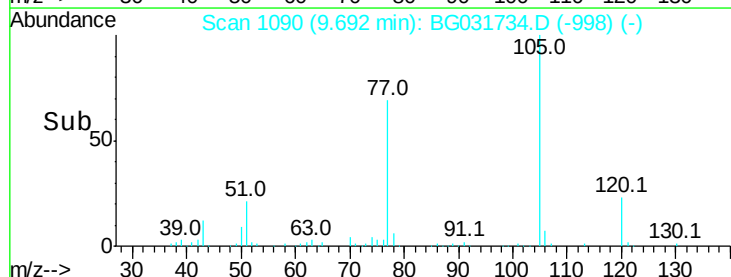


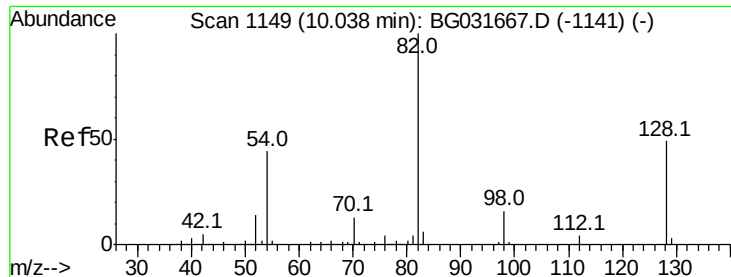
Abundance Ion 105.00 (104.70 to 105.70): E

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

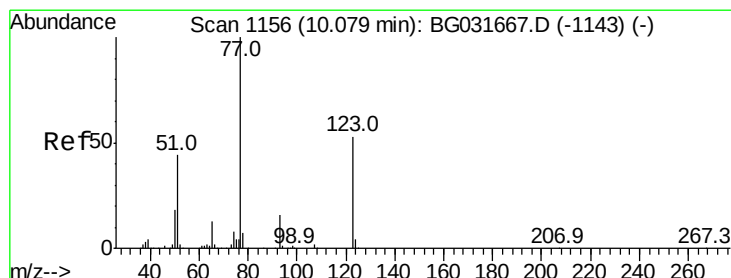
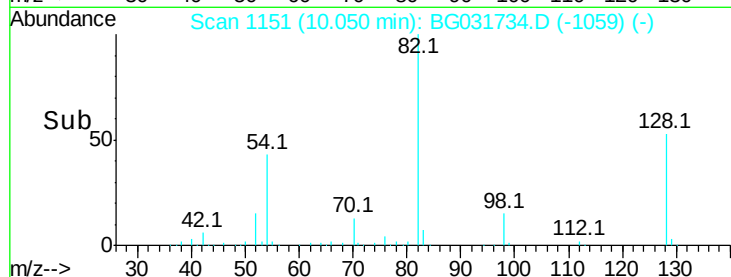
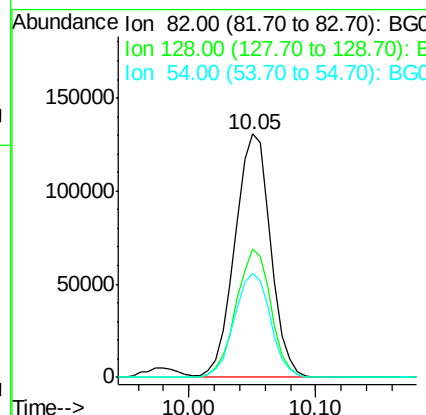
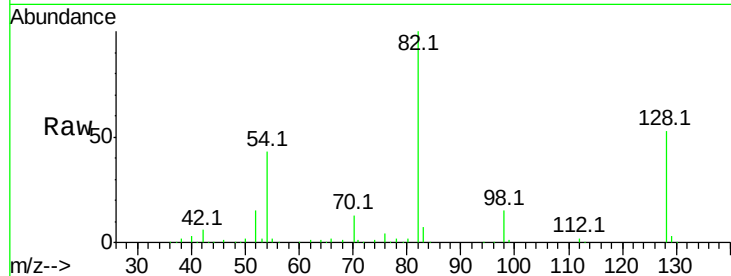




#23
 Nitrobenzene-d5
 Concen: 101.498 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

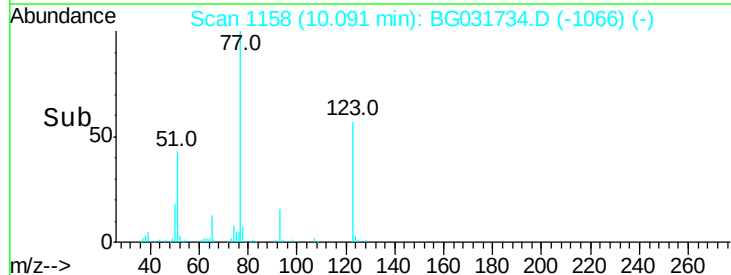
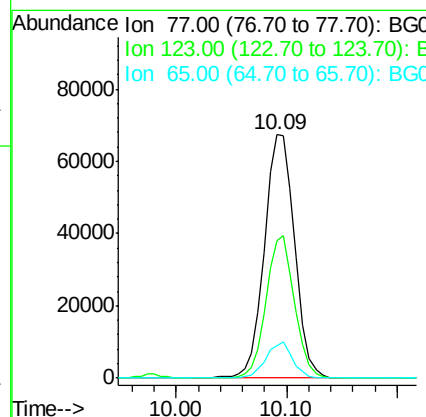
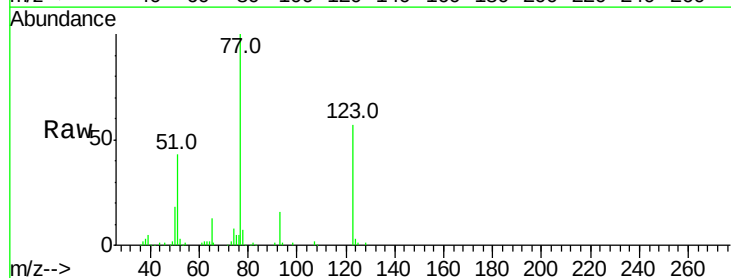
Instrument :
 BNA_G
 ClientSampleId :
 PB105282BS

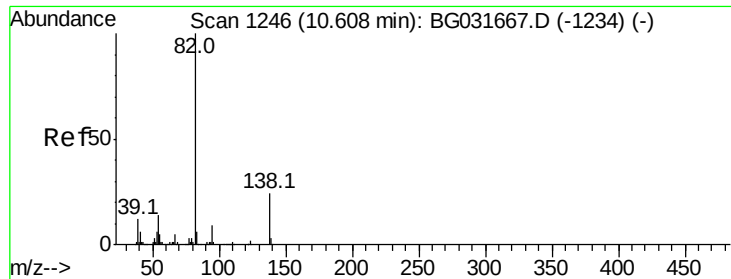
Tot Ion	82	Resp	253952
Ion Ratio	Lower	Upper	
82	100		
128	52.7	29.7	44.5#
54	42.5	43.1	64.7#



#24
 Nitrobenzene
 Concen: 50.109 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. 0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Tgt Ion	77	Resp	129216
Ion Ratio	Lower	Upper	
77	100		
123	56.7	33.0	49.6#
65	13.5	13.0	19.6





#25

Isophorone

Concen: 46.765 ng

RT: 10.62 min Scan# 1248

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

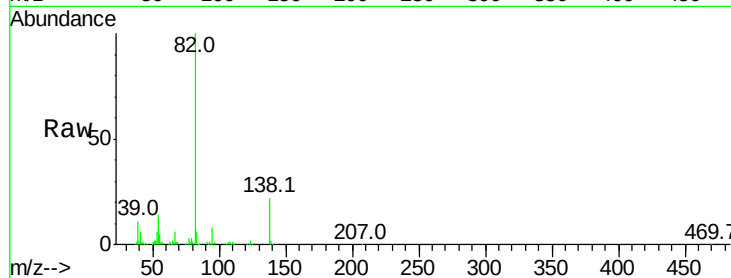
Tot Ion: 82 Resp: 251882

Ion Ratio Lower Upper

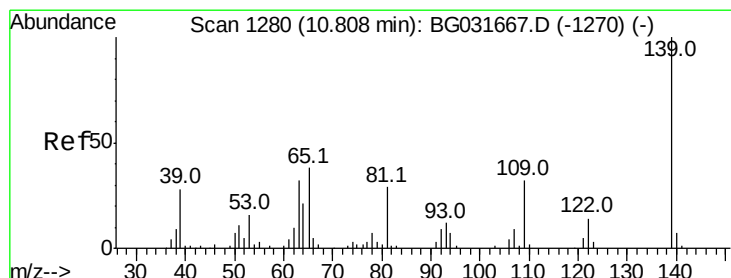
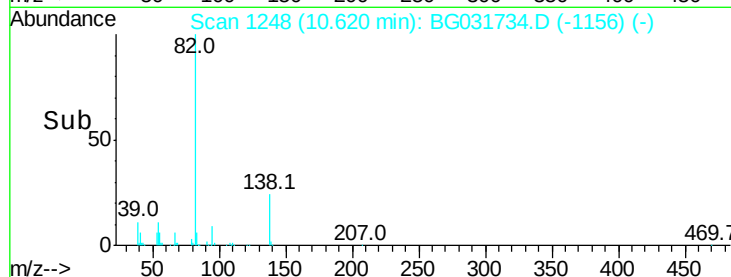
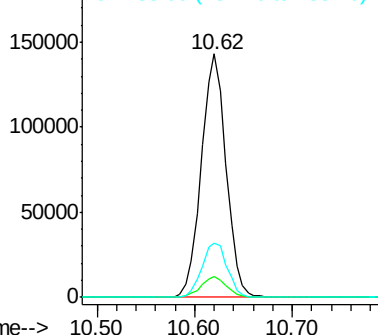
82 100

95 8.5 6.2 9.2

138 22.5 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 59.127 ng

RT: 10.82 min Scan# 1282

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

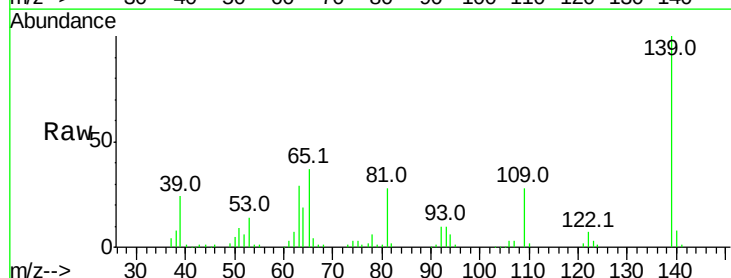
Tgt Ion: 139 Resp: 79942

Ion Ratio Lower Upper

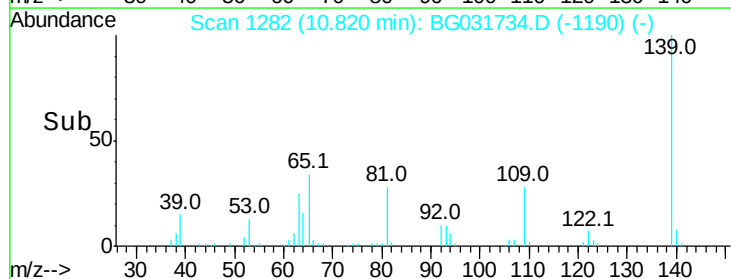
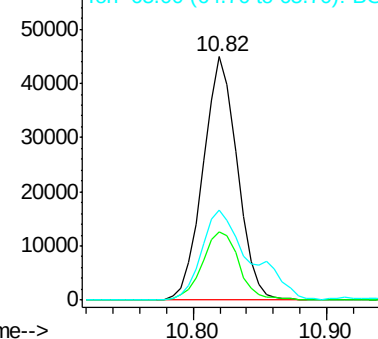
139 100

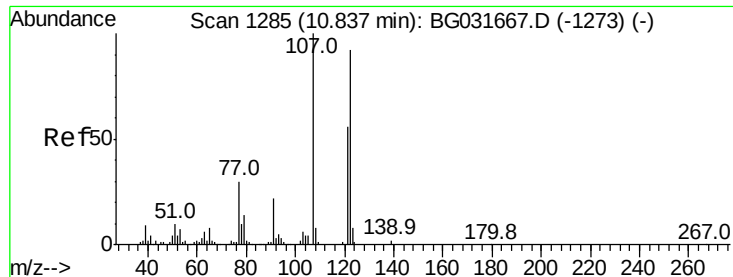
109 28.2 24.2 36.2

65 37.2 47.4 71.0#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

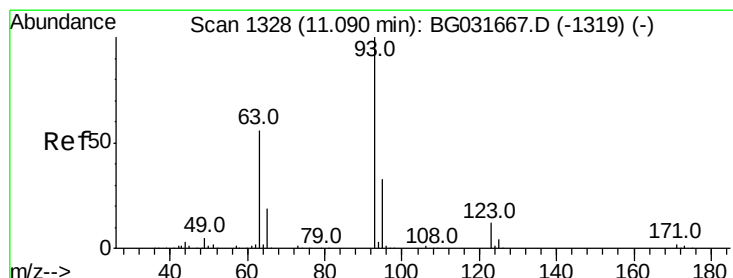
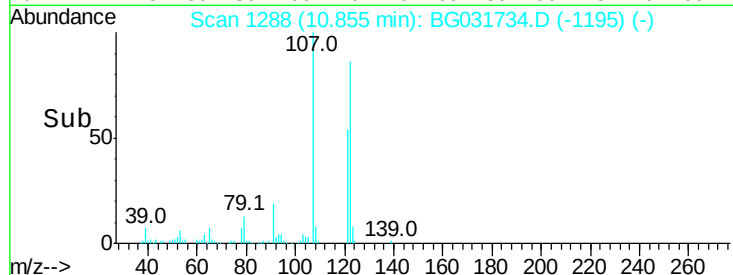
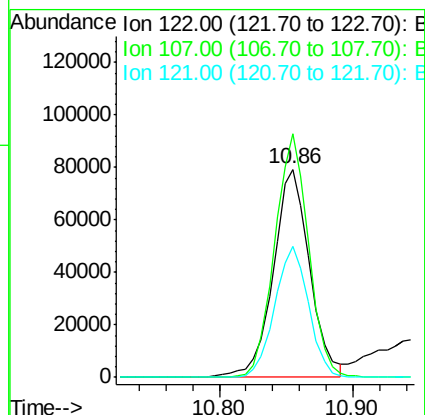
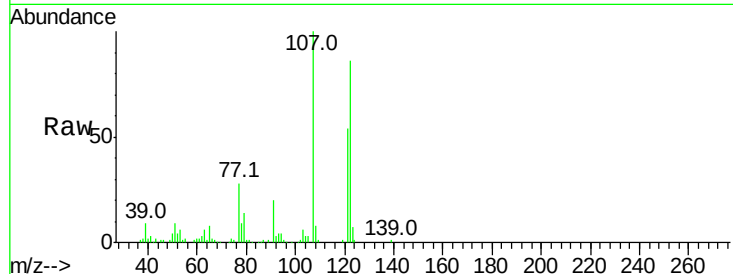




#27
 2,4-Dimethylphenol
 Concen: 52.966 ng
 RT: 10.86 min Scan# 1288
 Delta R.T. 0.02 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

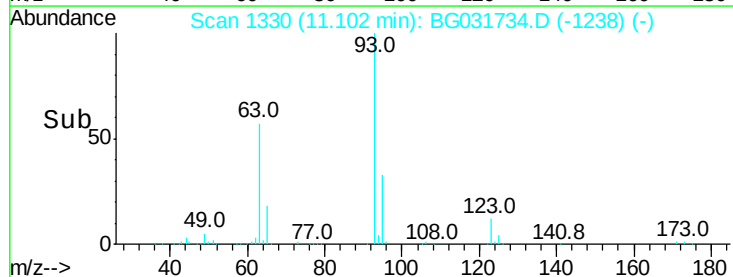
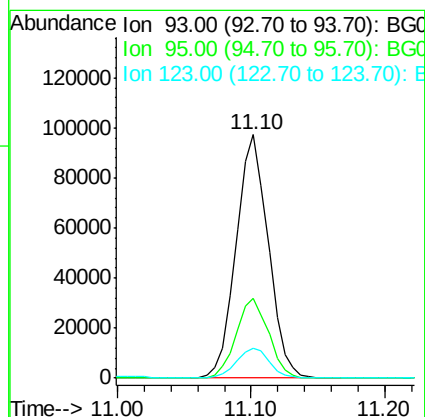
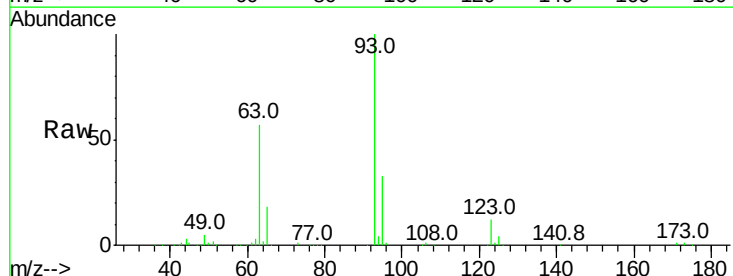
Instrument :
 BNA_G
 ClientSampleId :
 PB105282BS

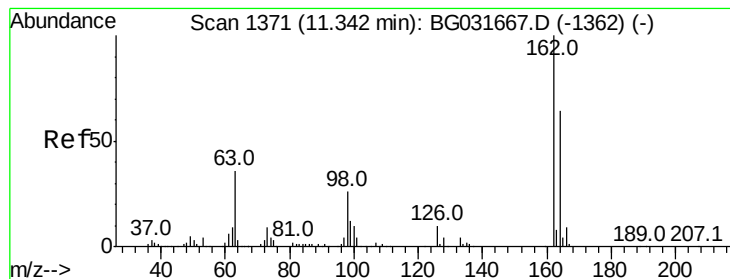
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.8	100.2	150.2
121	62.8	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.118 ng
 RT: 11.10 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	24.3	36.5
123	12.0	8.4	12.6





#29

2,4-Dichlorophenol

Concen: 53.041 ng

RT: 11.36 min Scan# 1374

Delta R.T. 0.02 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

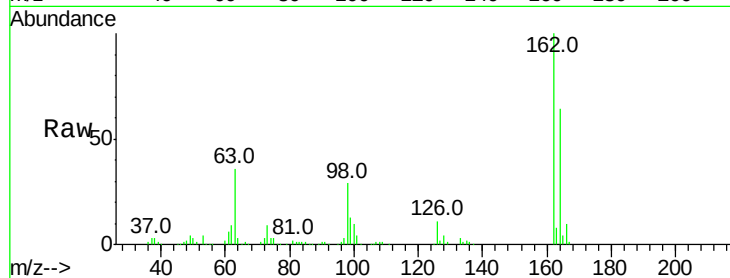
Tot Ion:162 Resp: 177160

Ion Ratio Lower Upper

162 100

164 64.0 48.0 88.0

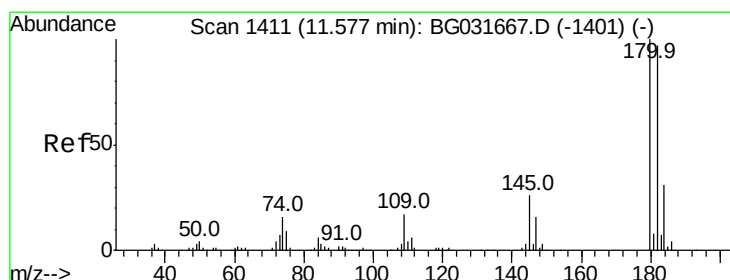
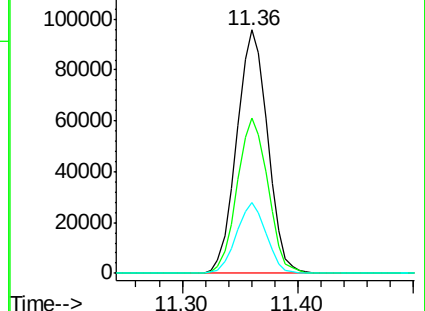
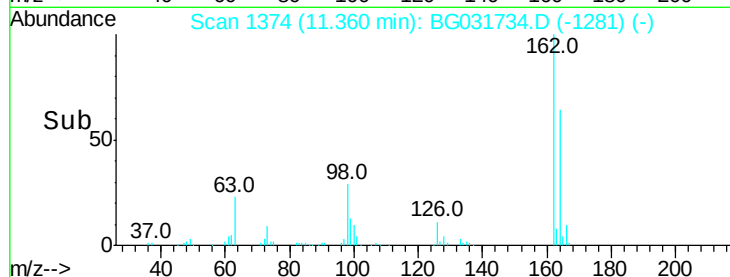
98 29.2 21.1 61.1



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: 46.009 ng

RT: 11.59 min Scan# 1413

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

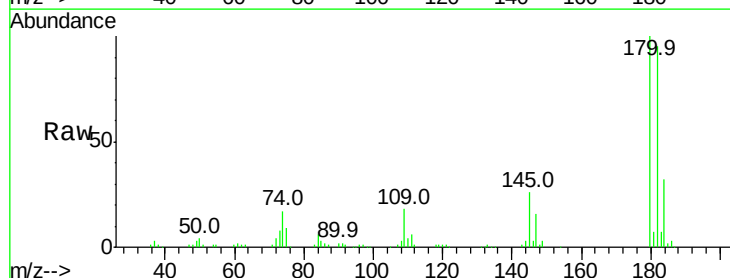
Tgt Ion:180 Resp: 187634

Ion Ratio Lower Upper

180 100

182 94.6 77.5 116.3

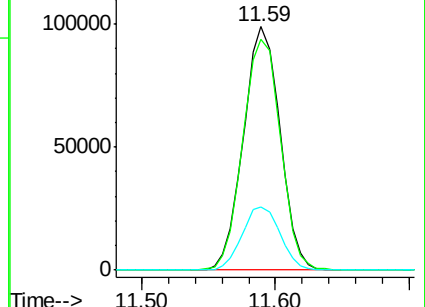
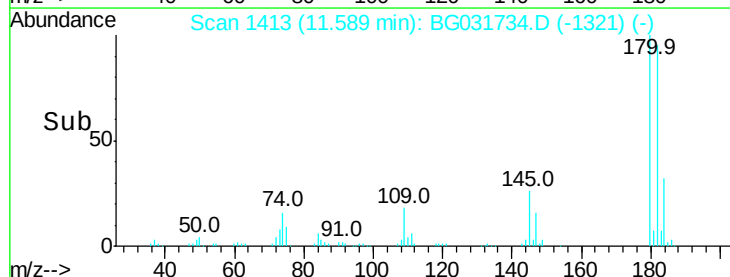
145 26.1 23.4 35.2

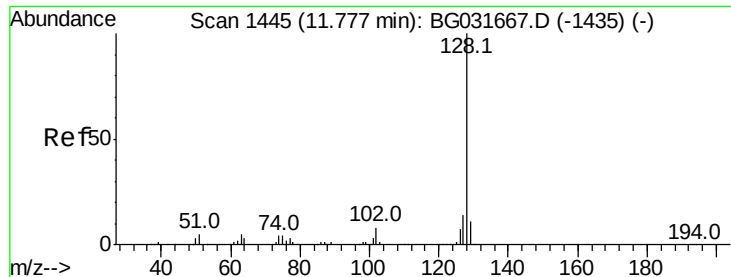


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

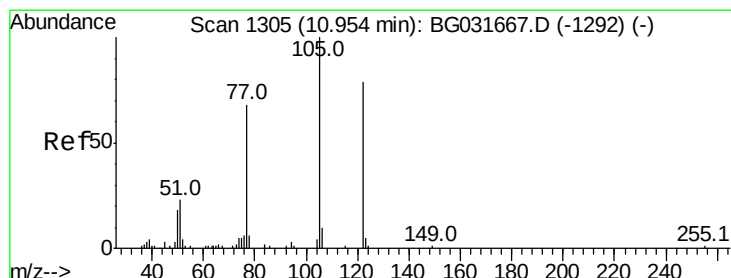
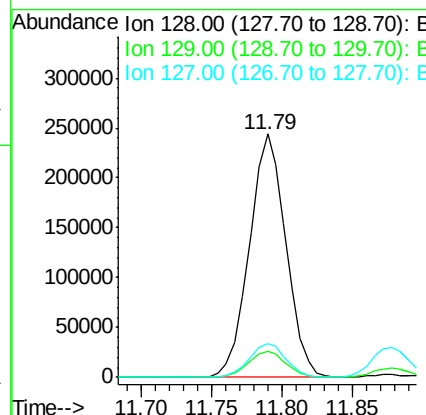
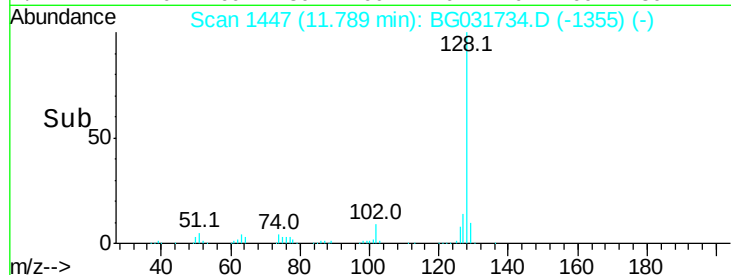
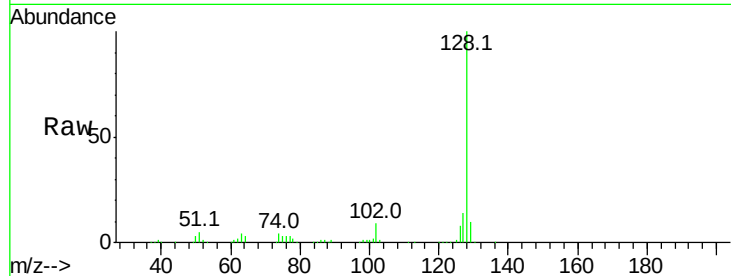




#31
Naphthalene
Concen: 46.291 ng
RT: 11.79 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

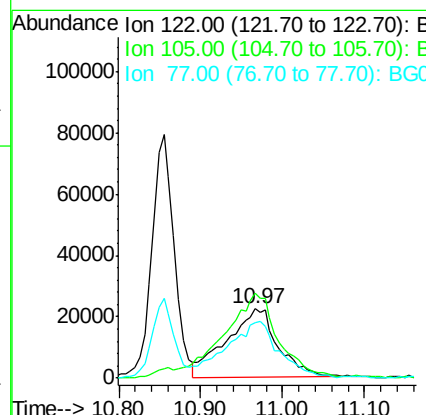
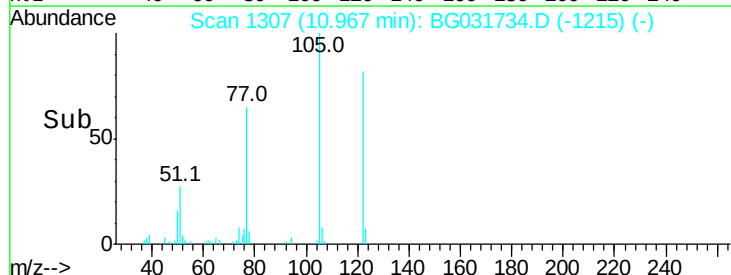
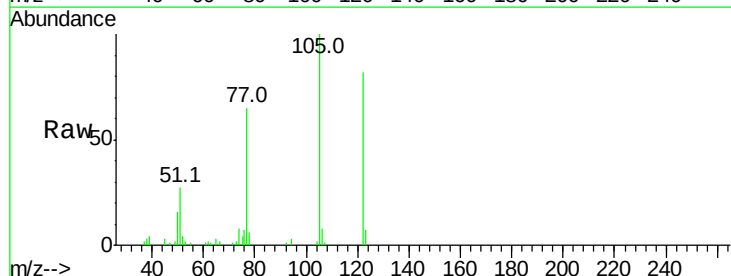
Instrument :
BNA_G
ClientSampleId :
PB105282BS

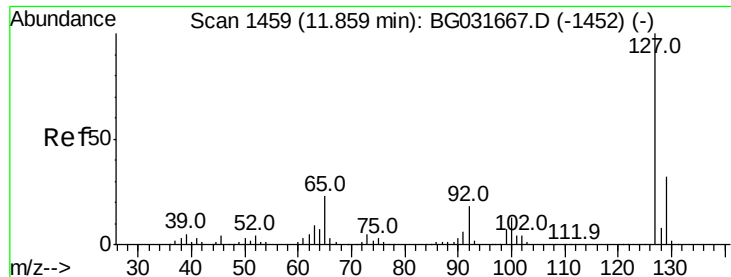
Tot Ion:128 Resp: 441389
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 49.767 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion:122 Resp: 97112
Ion Ratio Lower Upper
122 100
105 122.7 123.5 163.5#
77 79.8 85.7 125.7#

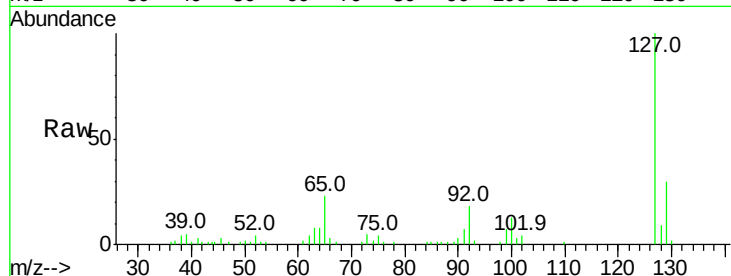




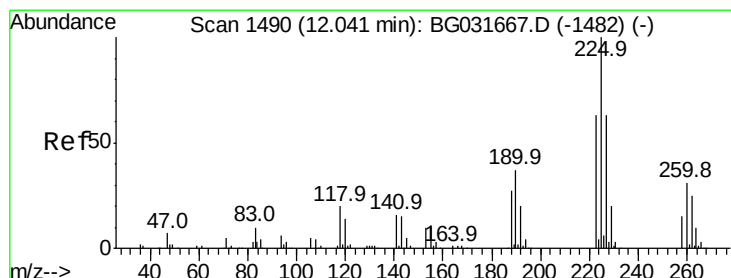
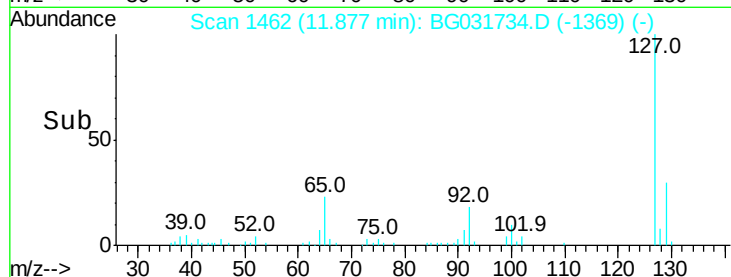
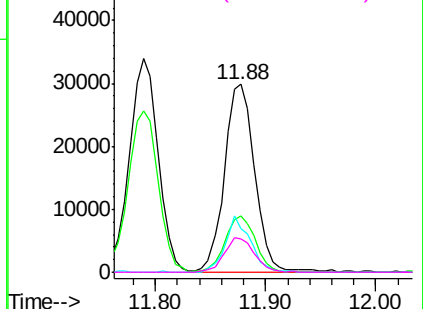
#33
4-Chloroaniline
Concen: 13.570 ng
RT: 11.88 min Scan# 1462
Delta R.T. 0.02 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Instrument :
BNA_G
ClientSampleId :
PB105282BS

Tot Ion:127 Resp: 57605
Ion Ratio Lower Upper
127 100
129 30.3 24.0 36.0
65 23.5 27.0 40.4#
92 18.0 16.6 25.0

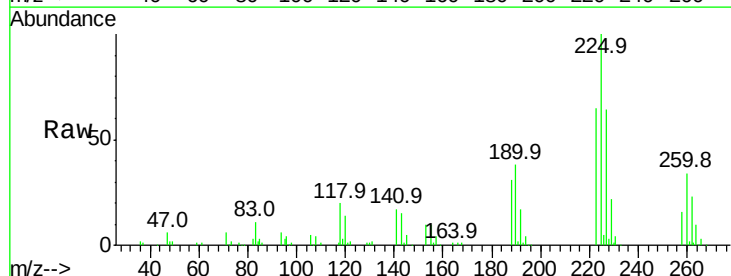


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

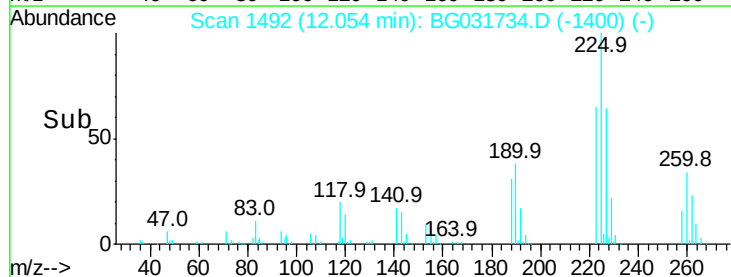
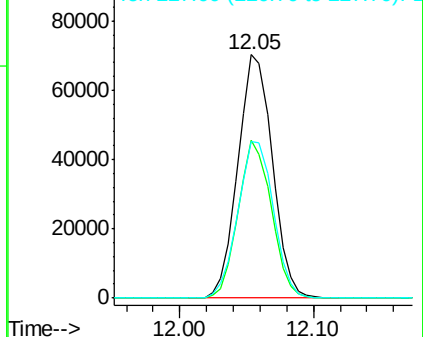


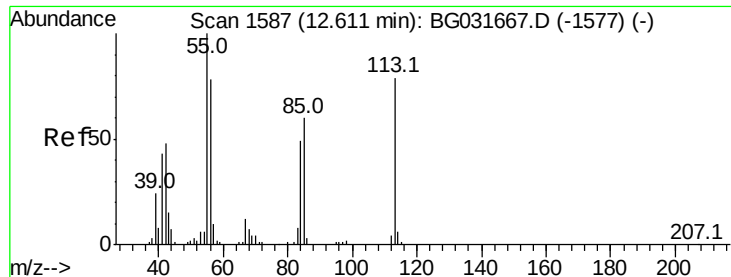
#34
Hexachlorobutadiene
Concen: 44.861 ng
RT: 12.05 min Scan# 1492
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion:225 Resp: 125599
Ion Ratio Lower Upper
225 100
223 64.9 49.7 74.5
227 64.2 48.1 72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 52.128 ng

RT: 12.64 min Scan# 1591

Delta R.T. 0.02 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

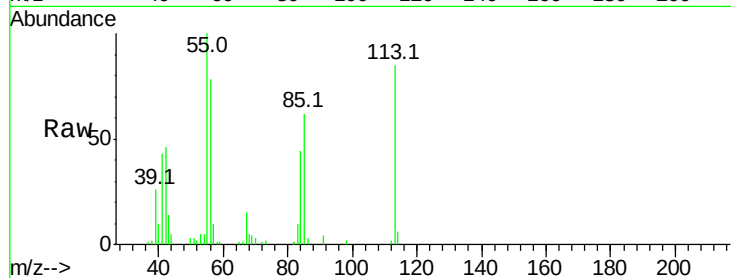
Tot Ion:113 Resp: 52775

Ion Ratio Lower Upper

113 100

55 117.4 186.9 226.9#

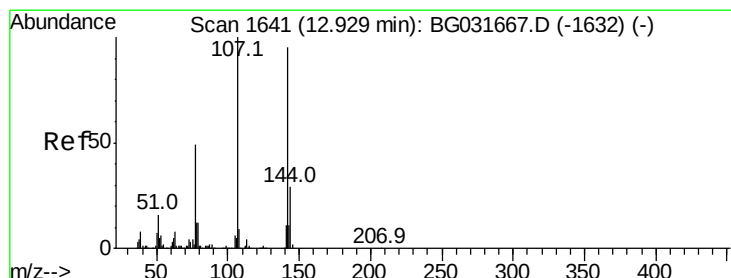
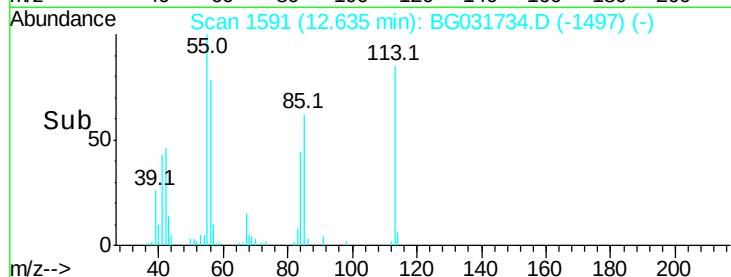
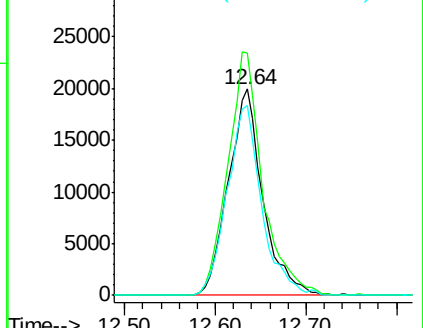
56 92.1 130.9 170.9#



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: 50.304 ng

RT: 12.95 min Scan# 1644

Delta R.T. 0.02 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

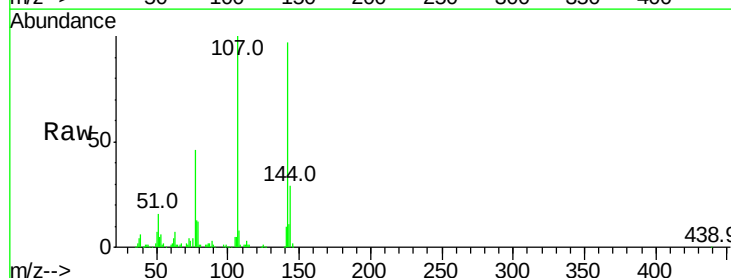
Tgt Ion:107 Resp: 155173

Ion Ratio Lower Upper

107 100

144 28.6 18.2 27.4#

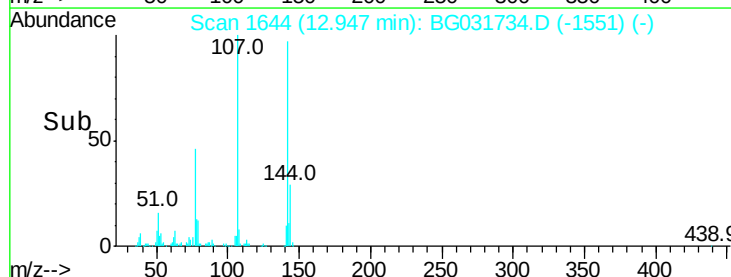
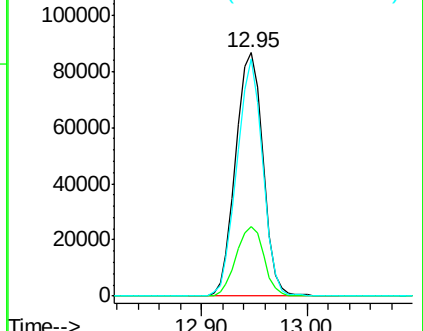
142 97.5 59.0 88.4#

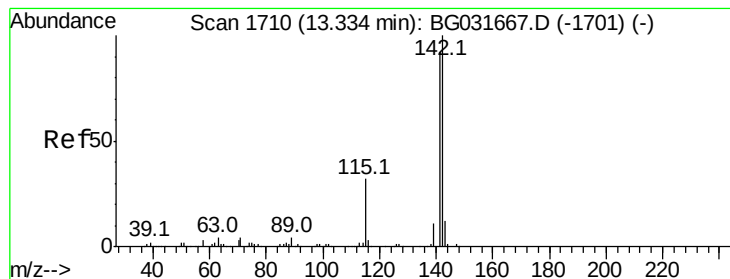


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.916 ng

RT: 13.35 min Scan# 1712

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

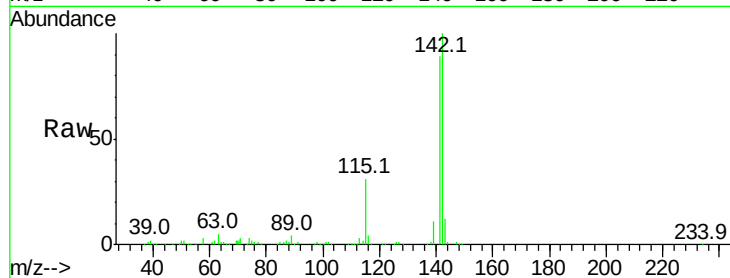
Tot Ion:142 Resp: 362647

Ion Ratio Lower Upper

142 100

141 89.1 67.1 100.7

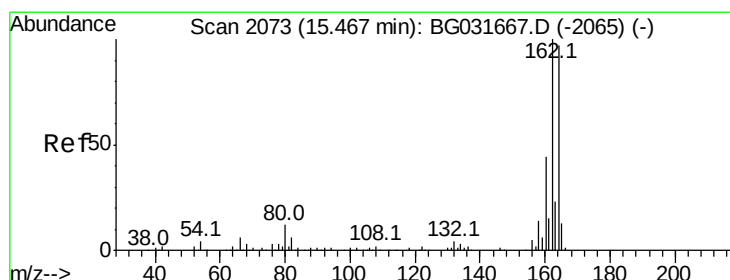
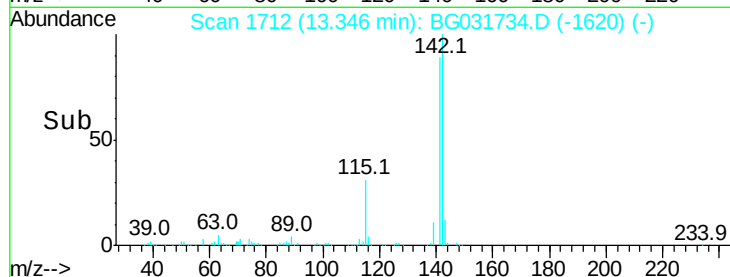
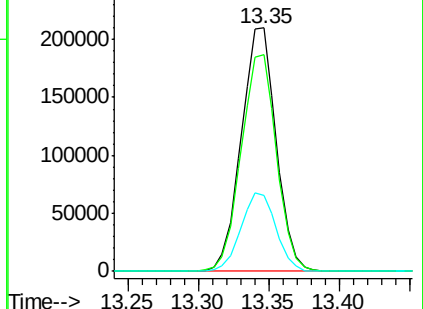
115 31.2 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

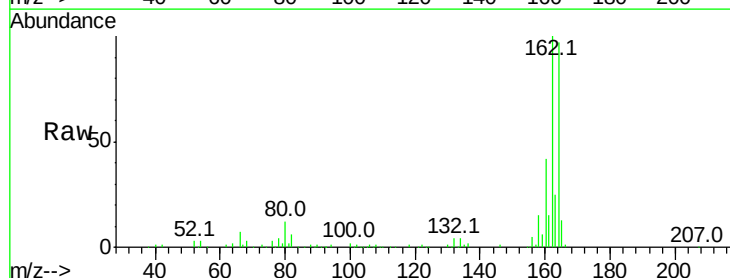
Tgt Ion:164 Resp: 128269

Ion Ratio Lower Upper

164 100

162 102.9 78.8 118.2

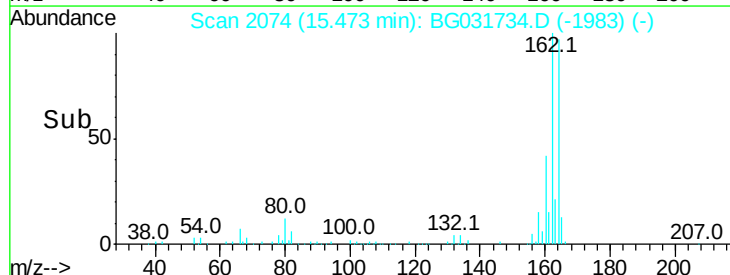
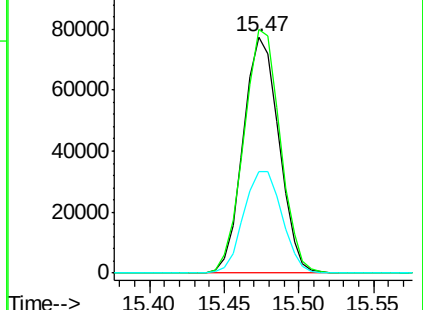
160 43.0 35.4 53.0

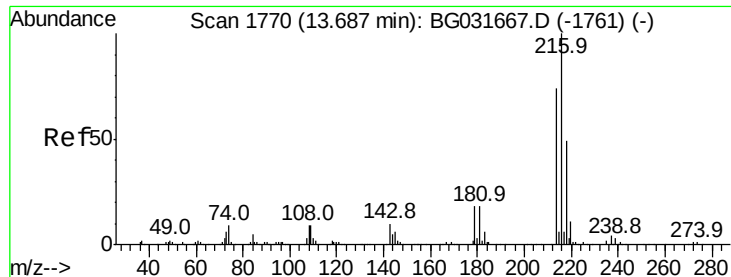


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.368 ng

RT: 13.69 min Scan# 1771

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

Tot Ion:216 Resp: 250517

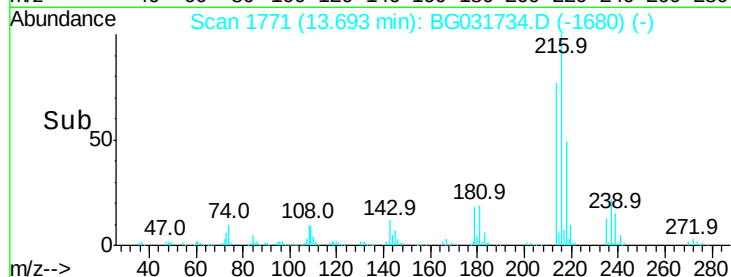
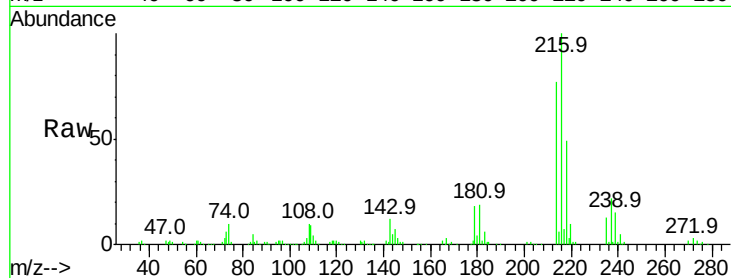
Ion Ratio Lower Upper

216 100

214 77.1 63.0 94.4

179 18.9 17.0 25.6

108 12.1 12.8 19.2#

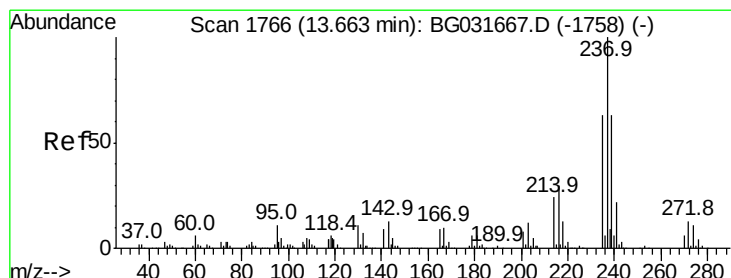
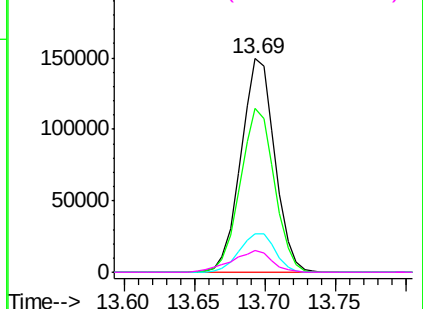


Abundance Ion 216.00 (215.70 to 216.70): E

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: 114.719 ng

RT: 13.67 min Scan# 1767

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

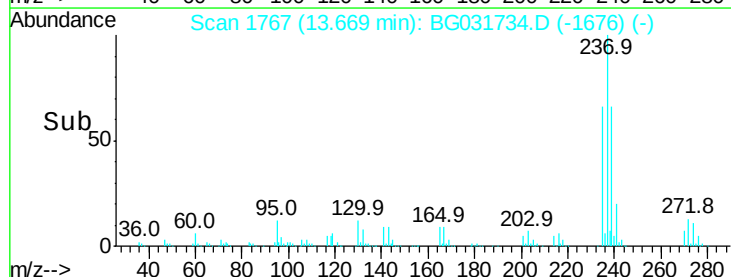
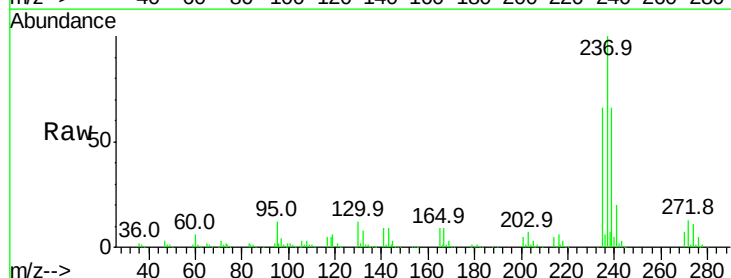
Tgt Ion:237 Resp: 326972

Ion Ratio Lower Upper

237 100

235 65.5 50.4 90.4

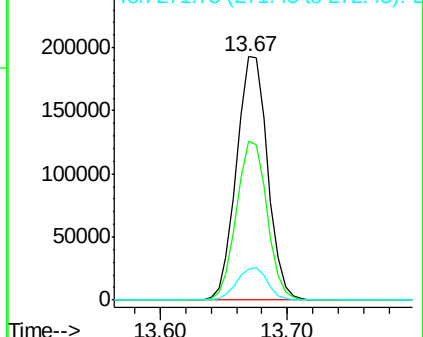
272 12.7 0.0 31.8

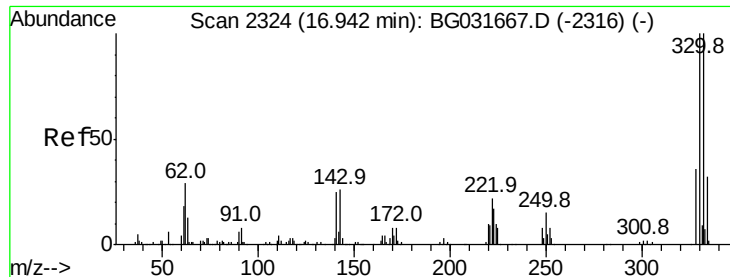


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

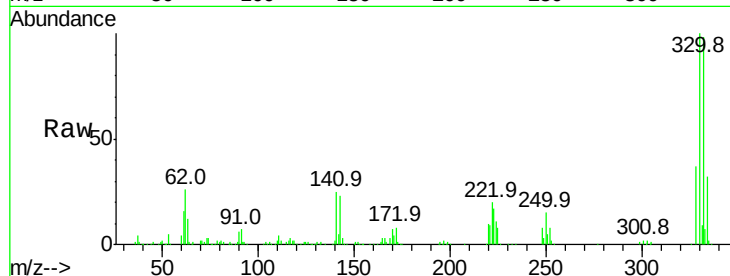




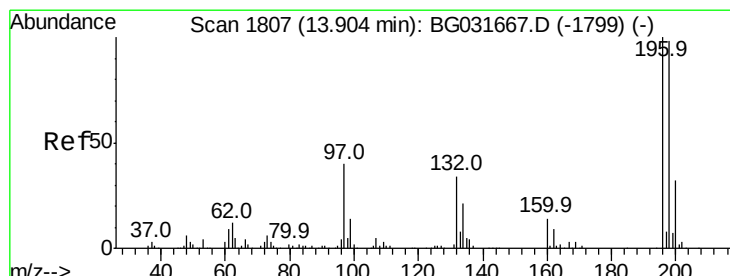
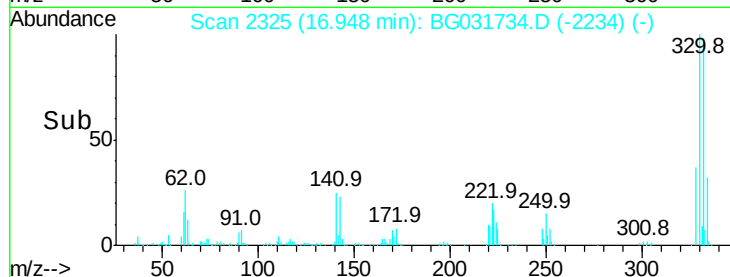
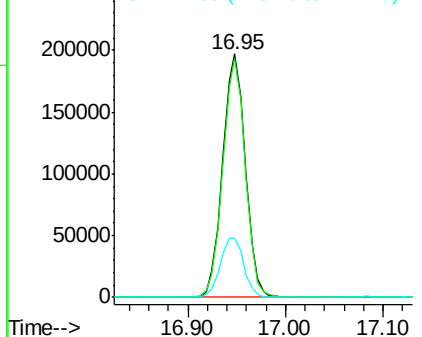
#41
 2,4,6-Tribromophenol
 Concen: 162.361 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB105282BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	25.2	25.2	37.8

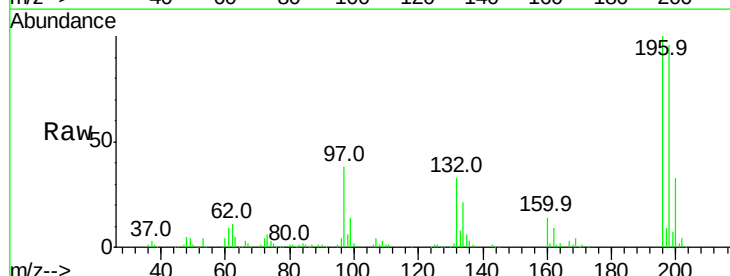


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

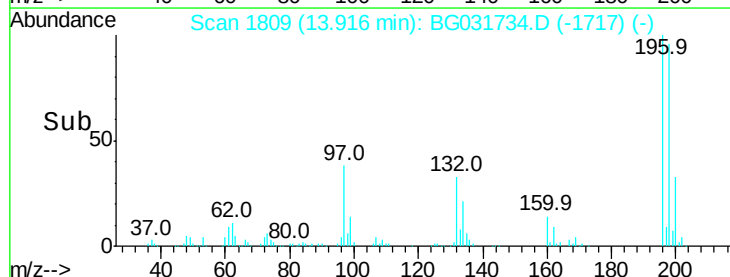
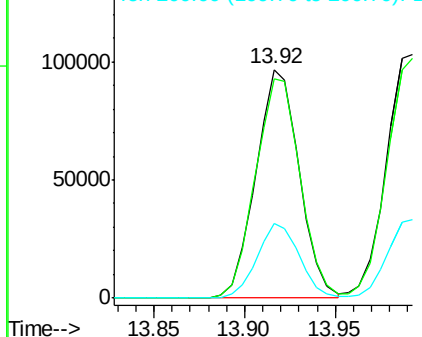


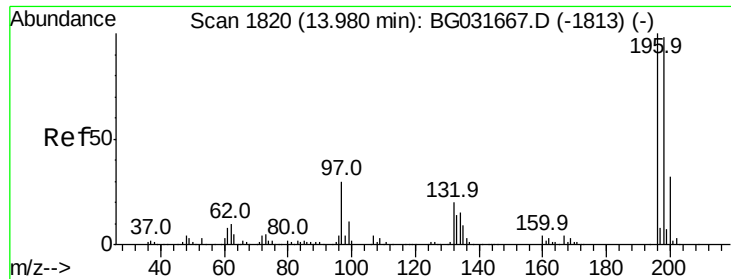
#42
 2,4,6-Trichlorophenol
 Concen: 51.499 ng
 RT: 13.92 min Scan# 1809
 Delta R.T. 0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.8	78.2	117.2
200	32.6	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

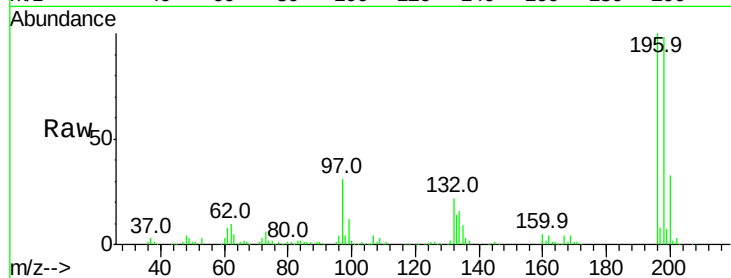




#43
 2,4,5-Trichlorophenol
 Concen: 50.865 ng
 RT: 13.99 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB105282BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.4	76.2	114.4
97	30.5	38.7	58.1
132	21.6	20.2	30.2



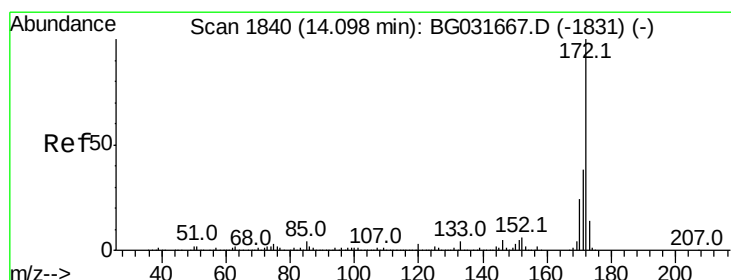
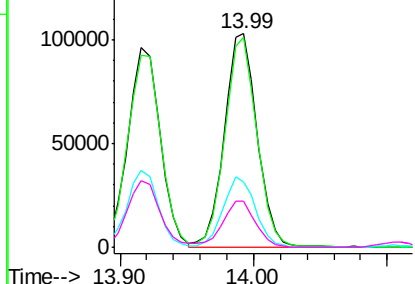
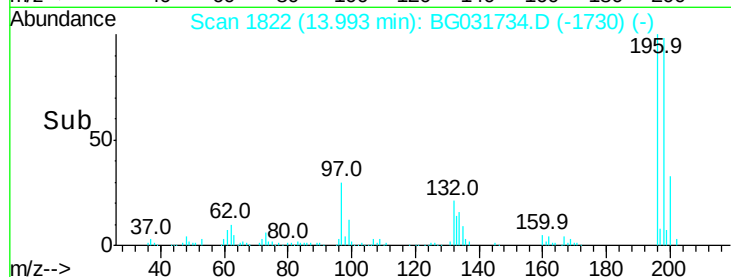
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

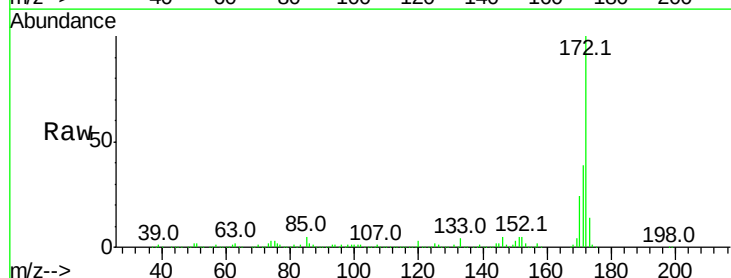
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.411 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. 0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.1	30.0	45.0
170	23.8	19.5	29.3

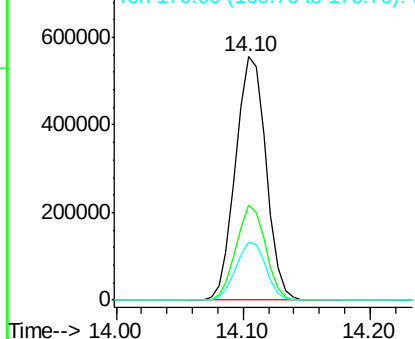
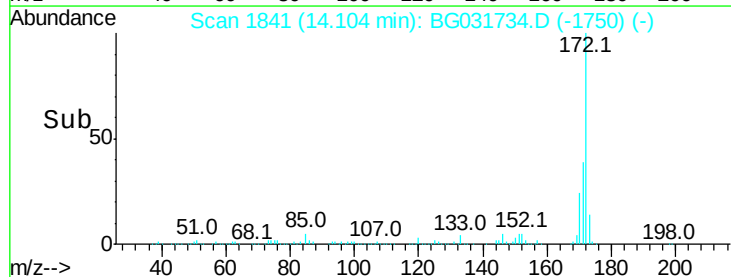


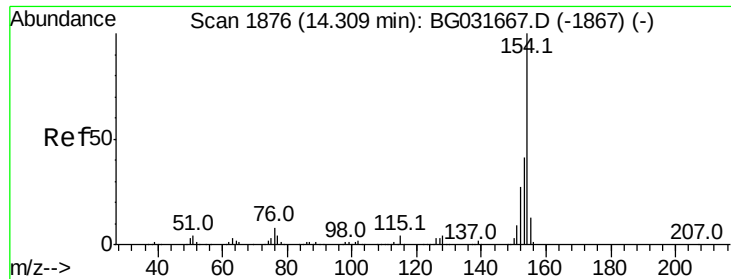
Abundance

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: 47.300 ng

RT: 14.32 min Scan# 1877

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

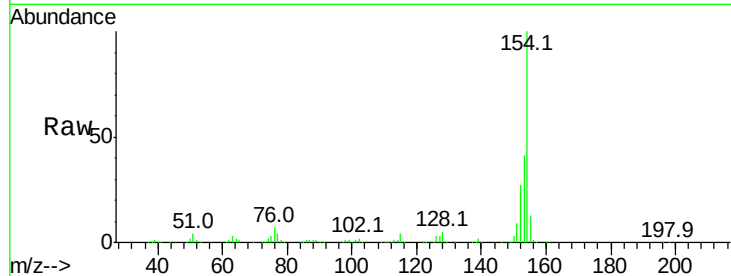
Tot Ion:154 Resp: 518190

Ion Ratio Lower Upper

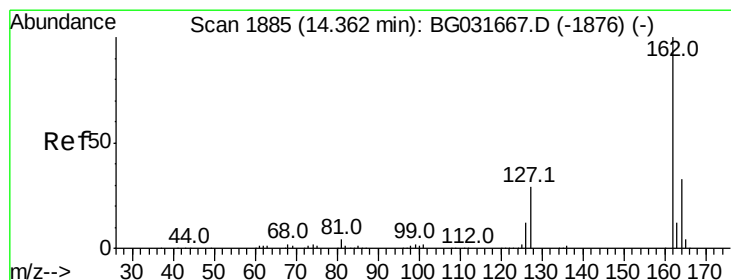
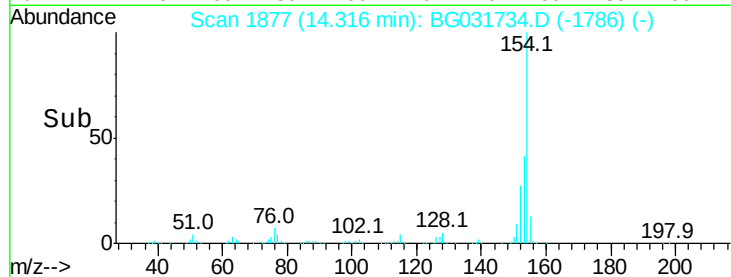
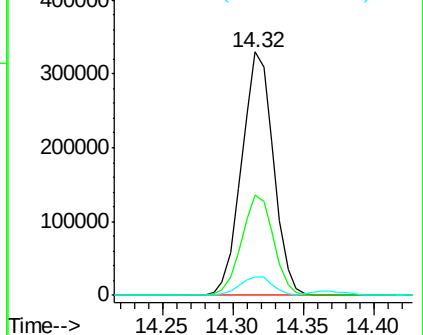
154 100

153 41.4 19.8 59.8

76 7.5 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: 46.360 ng

RT: 14.37 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

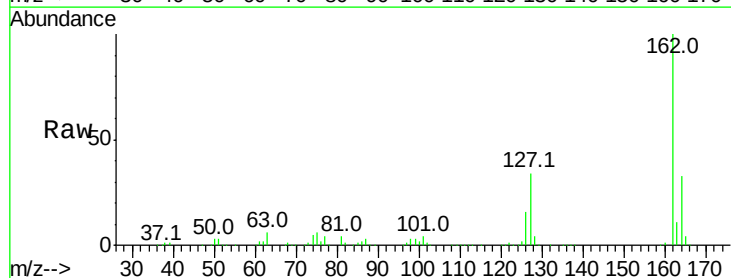
Tgt Ion:162 Resp: 387400

Ion Ratio Lower Upper

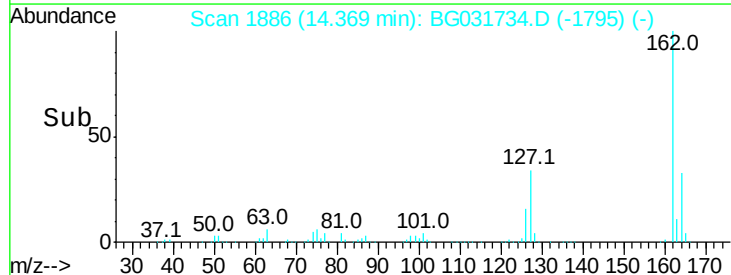
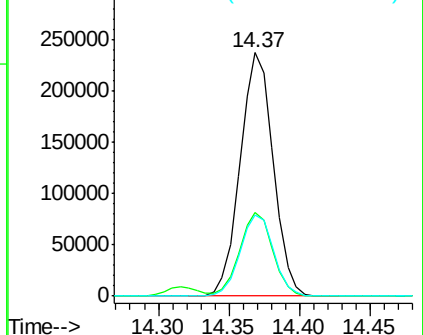
162 100

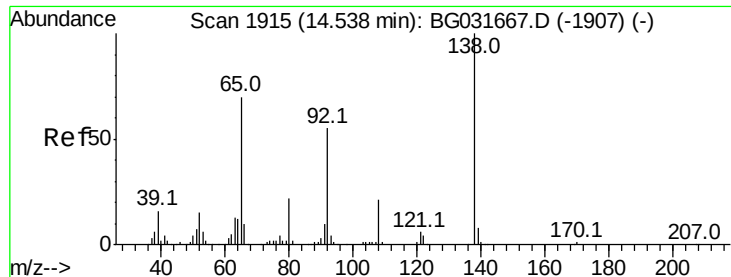
127 34.3 30.7 46.1

164 33.3 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

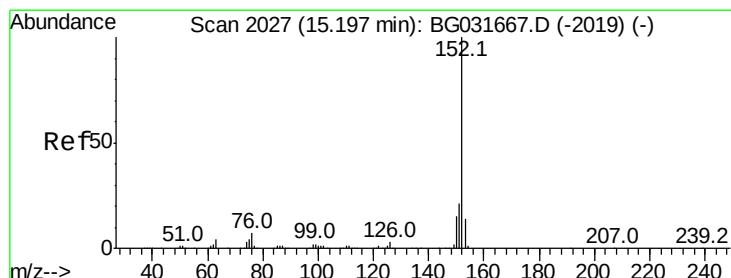
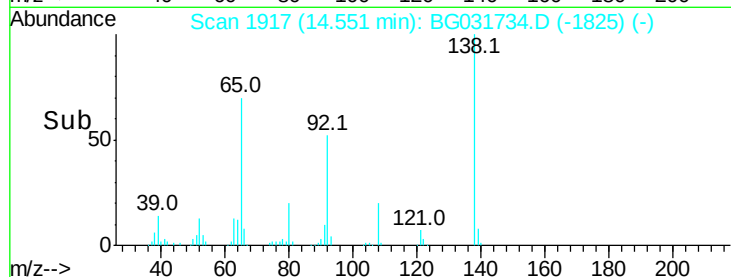
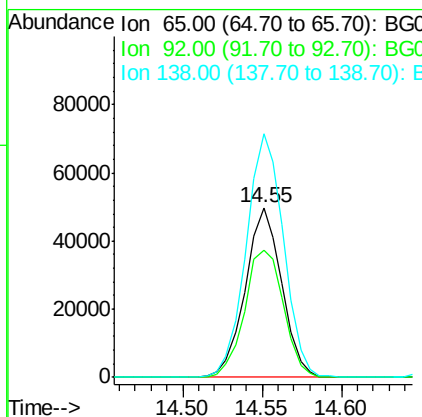
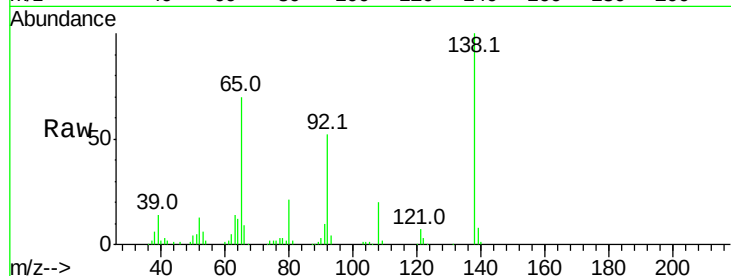




#47
2-Nitroaniline
Concen: 55.028 ng
RT: 14.55 min Scan# 1917
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

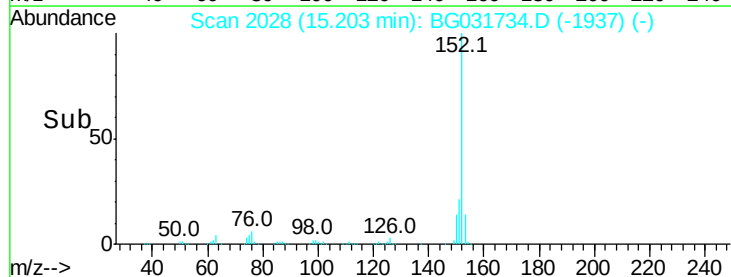
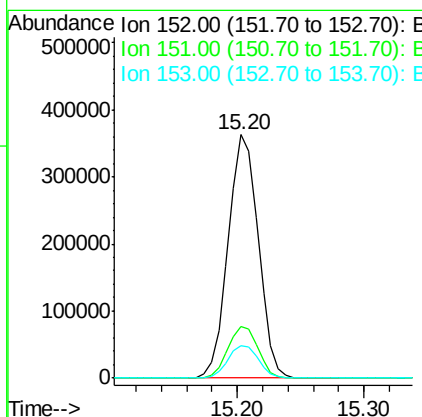
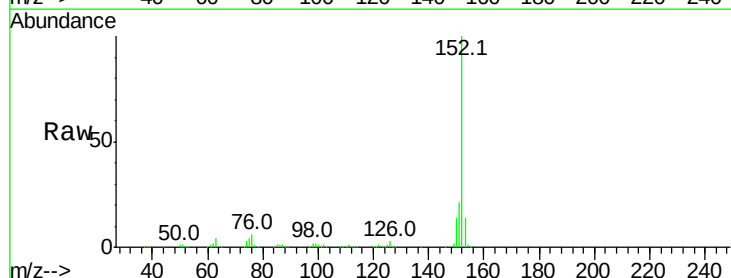
Instrument :
BNA_G
ClientSampleId :
PB105282BS

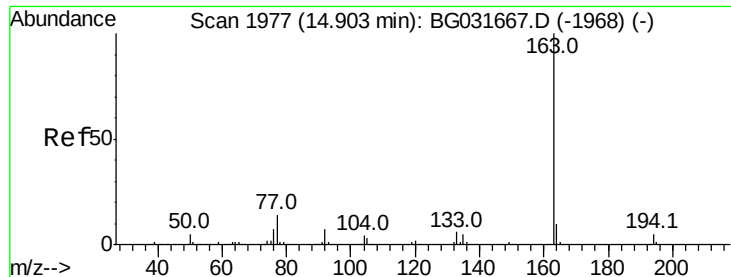
Tot Ion: 65 Resp: 79417
Ion Ratio Lower Upper
65 100
92 75.1 54.6 82.0
138 143.4 72.9 109.3#



#48
Acenaphthylene
Concen: 44.432 ng
RT: 15.20 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion: 152 Resp: 593991
Ion Ratio Lower Upper
152 100
151 21.0 17.2 25.8
153 13.5 10.2 15.4





#49

Dimethylphthalate

Concen: 45.181 ng

RT: 14.91 min Scan# 1978

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

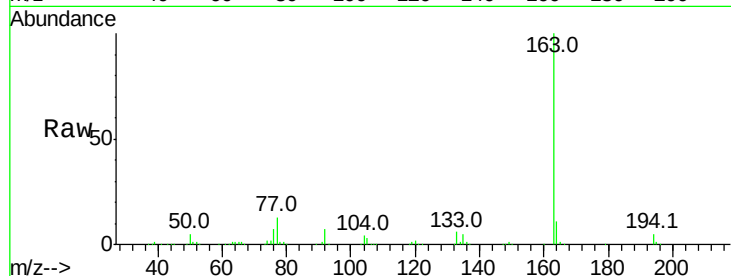
Tot Ion:163 Resp: 510543

Ion Ratio Lower Upper

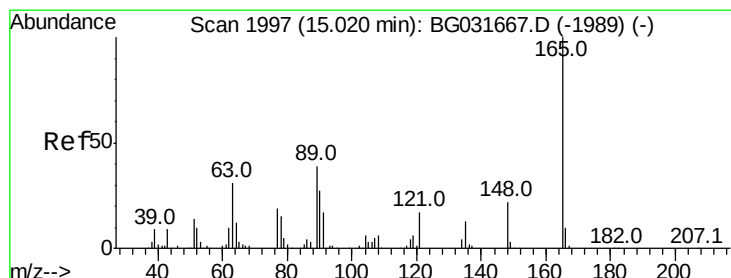
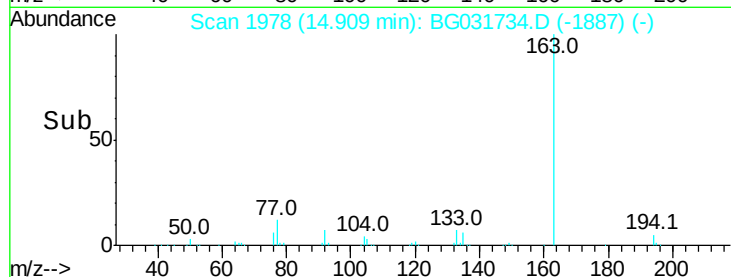
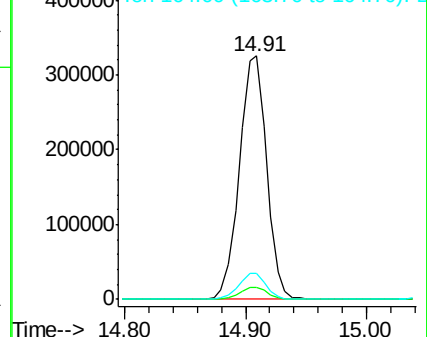
163 100

194 5.0 3.4 5.2

164 10.7 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: 55.440 ng

RT: 15.03 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

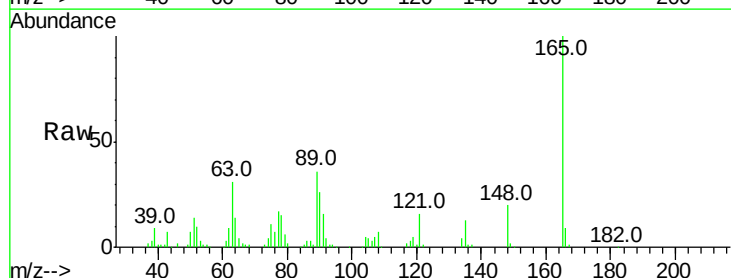
Tgt Ion:165 Resp: 115247

Ion Ratio Lower Upper

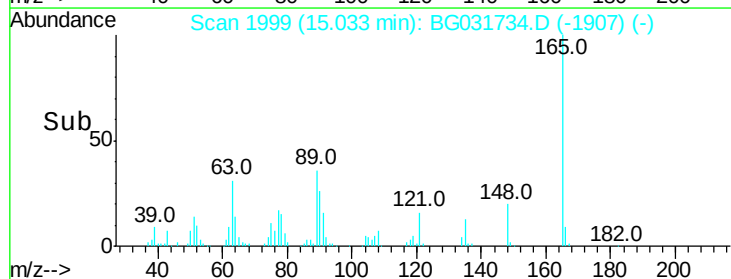
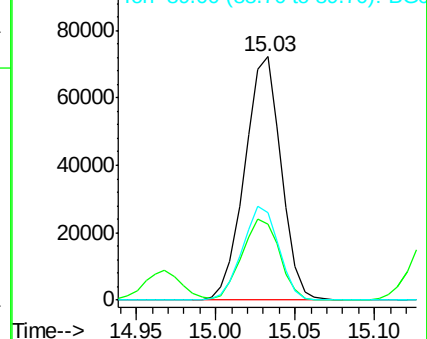
165 100

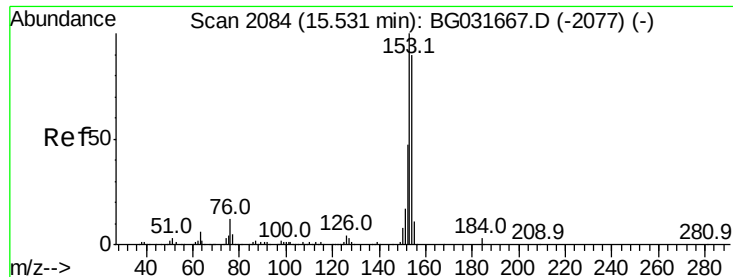
63 31.4 52.7 79.1#

89 36.0 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: 48.668 ng

RT: 15.54 min Scan# 2085

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

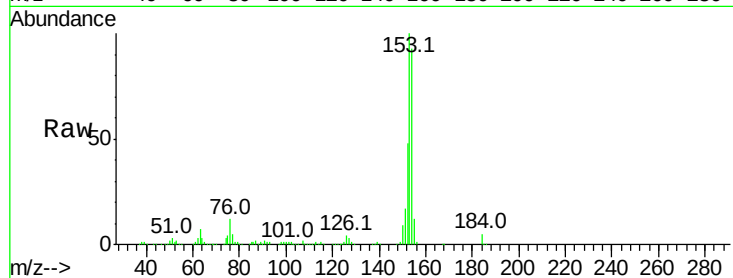
Tot Ion:154 Resp: 426104

Ion Ratio Lower Upper

154 100

153 107.5 90.4 135.6

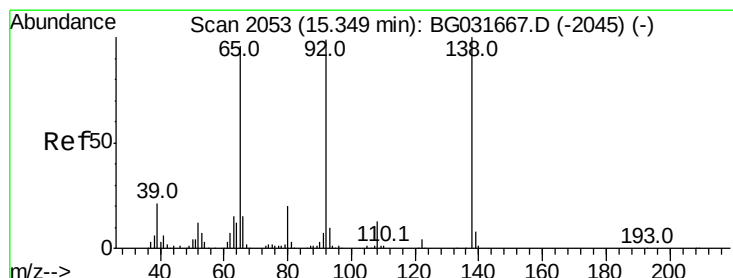
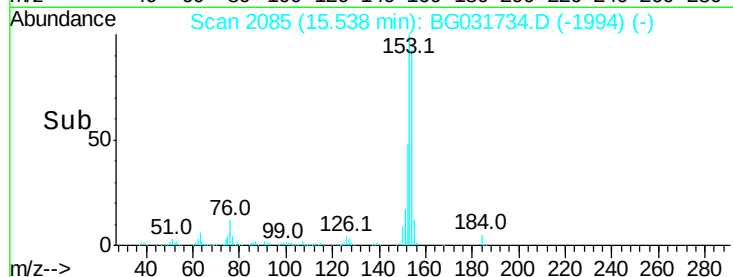
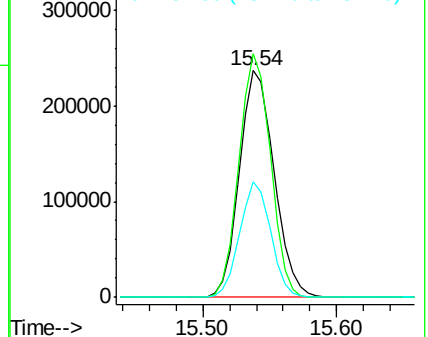
152 51.2 41.6 62.4



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: 24.443 ng

RT: 15.36 min Scan# 2054

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

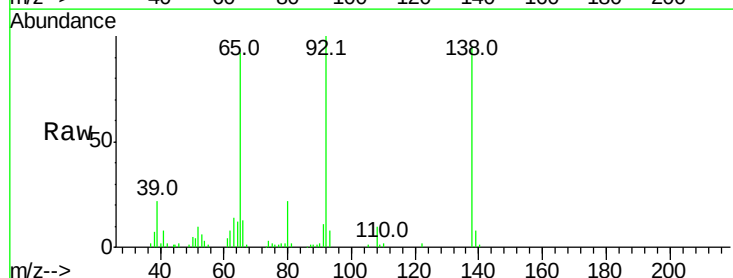
Tgt Ion:138 Resp: 49574

Ion Ratio Lower Upper

138 100

108 10.7 17.5 26.3#

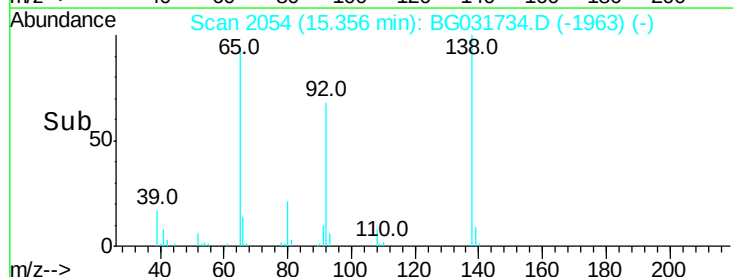
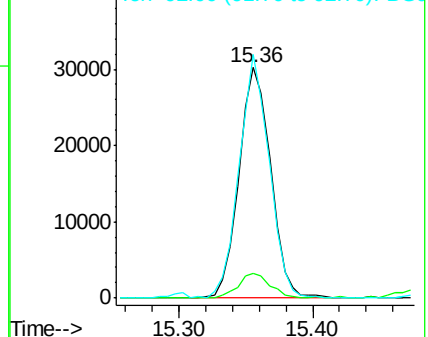
92 105.7 105.8 158.8#

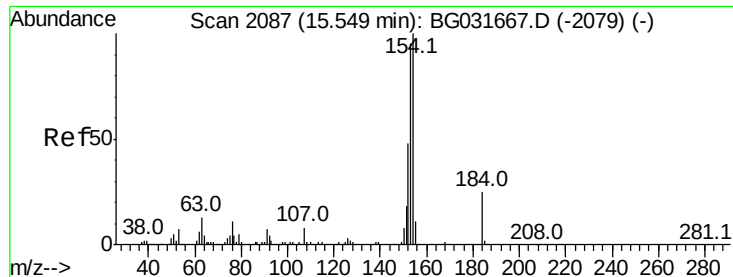


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

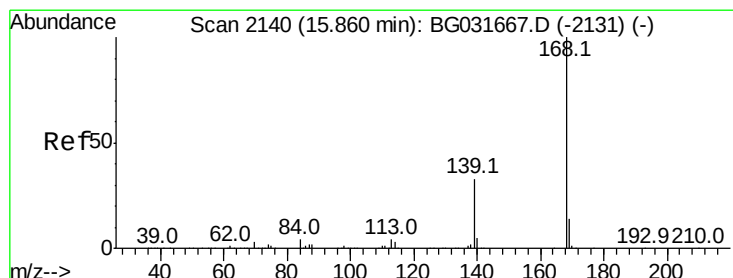
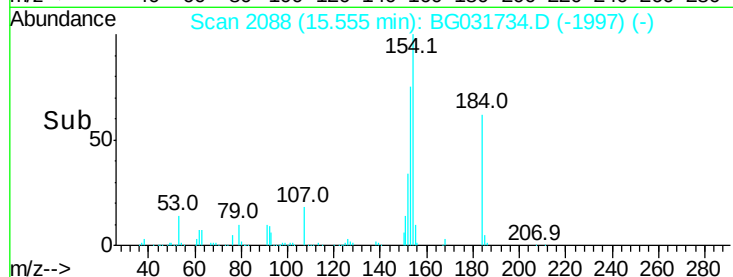
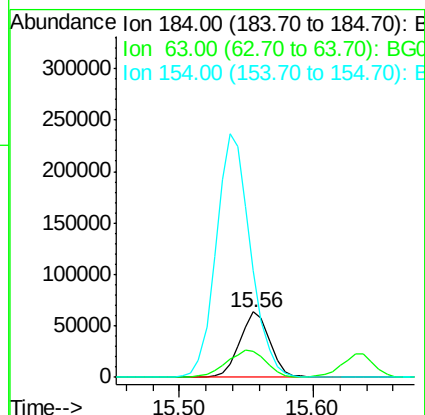
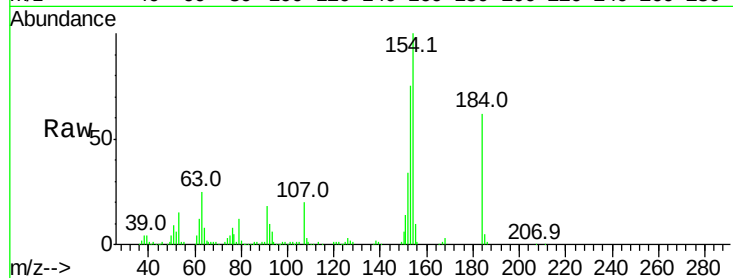




#53
2,4-Dinitrophenol
Concen: 109.952 ng
RT: 15.56 min Scan# 2088
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

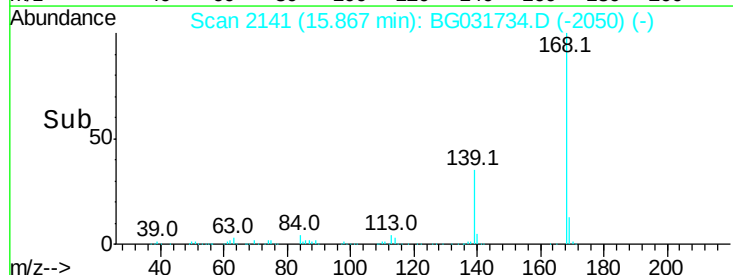
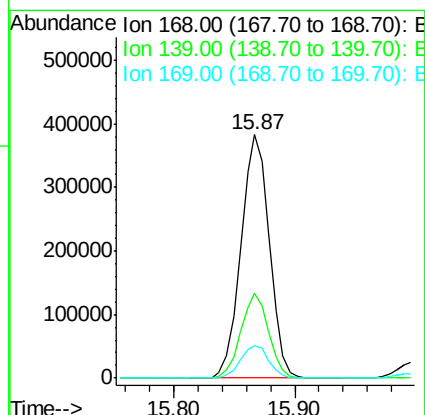
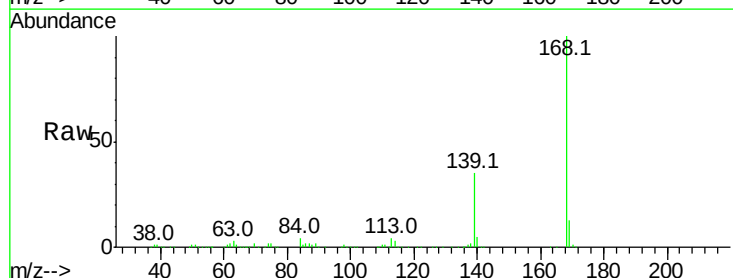
Instrument :
BNA_G
ClientSampleId :
PB105282BS

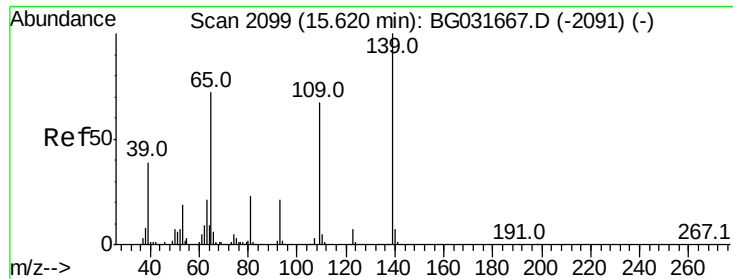
Tot Ion:184 Resp: 99889
Ion Ratio Lower Upper
184 100
63 40.6 59.8 89.8#
154 162.5 101.8 152.8#



#54
Dibenzofuran
Concen: 46.638 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion:168 Resp: 625944
Ion Ratio Lower Upper
168 100
139 34.8 28.6 43.0
169 13.3 11.2 16.8

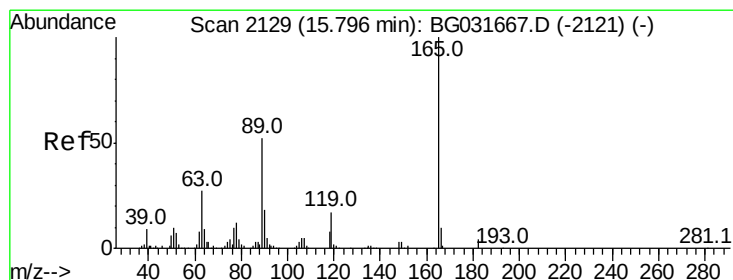
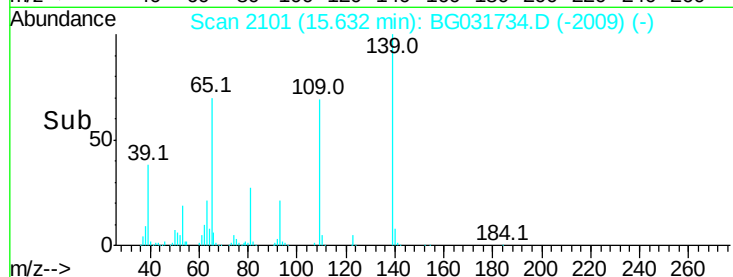
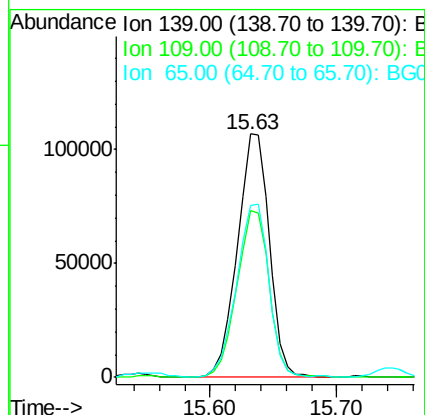
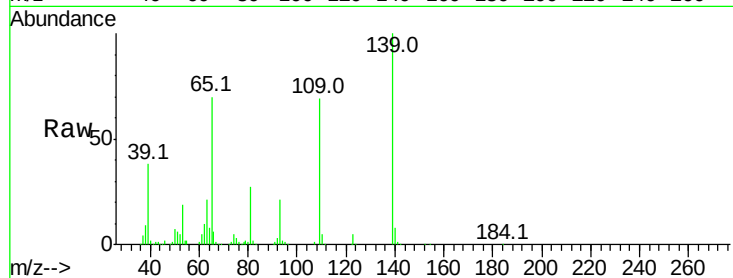




#55
4-Nitrophenol
Concen: 113.334 ng
RT: 15.63 min Scan# 2101
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

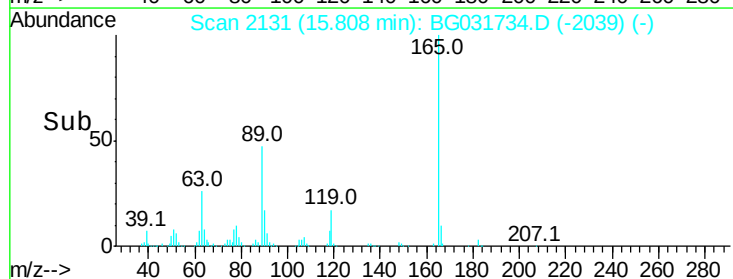
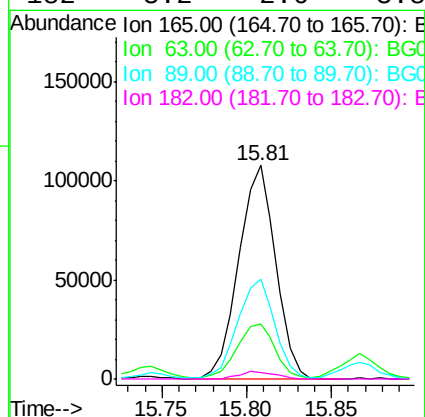
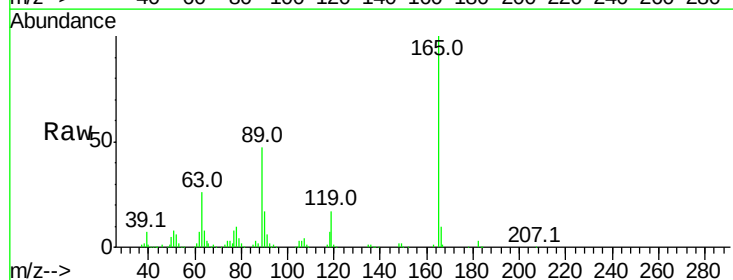
Instrument :
BNA_G
ClientSampleId :
PB105282BS

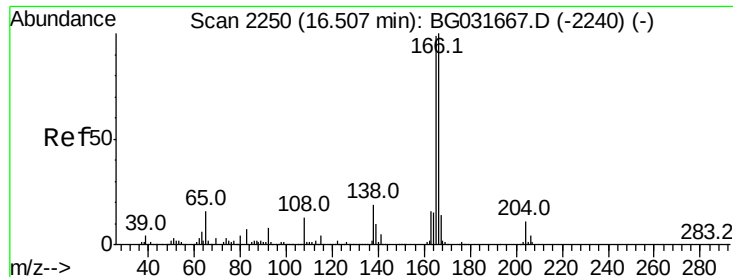
Tot Ion:139 Resp: 187080
Ion Ratio Lower Upper
139 100
109 68.7 62.2 102.2
65 70.4 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 61.327 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion:165 Resp: 163927
Ion Ratio Lower Upper
165 100
63 25.7 42.0 63.0#
89 46.9 66.9 100.3#
182 3.2 2.6 3.8





#57

Fluorene

Concen: 46.032 ng

RT: 16.51 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

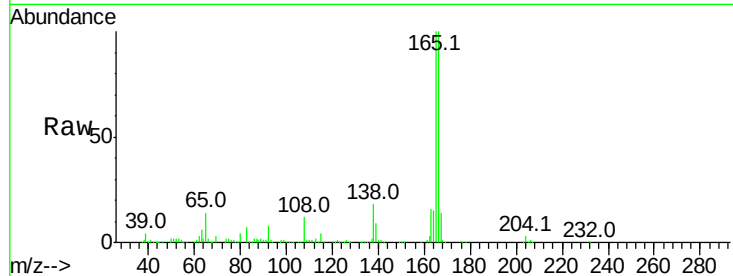
Tot Ion:166 Resp: 501882

Ion Ratio Lower Upper

166 100

165 100.0 80.6 121.0

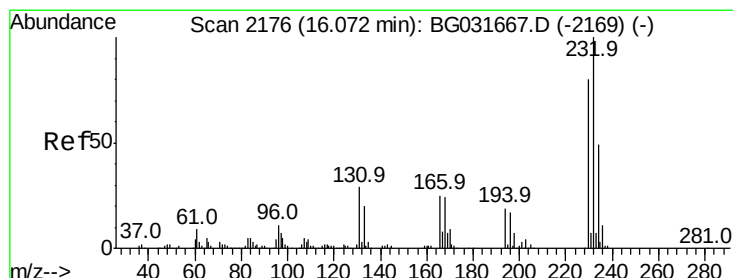
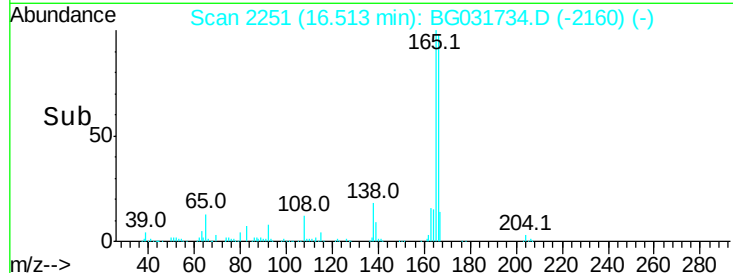
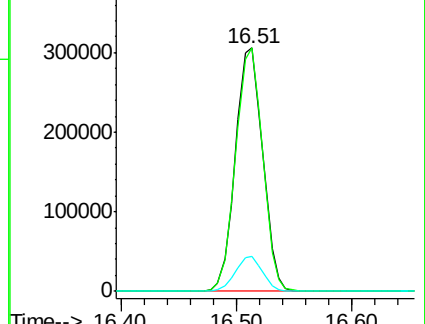
167 14.4 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.366 ng

RT: 16.08 min Scan# 2177

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Tgt Ion:232 Resp: 186474

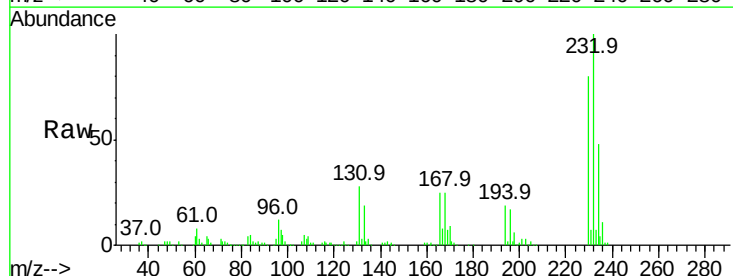
Ion Ratio Lower Upper

232 100

131 28.0 33.5 50.3#

130 1.8 2.2 3.2#

166 25.0 24.8 37.2

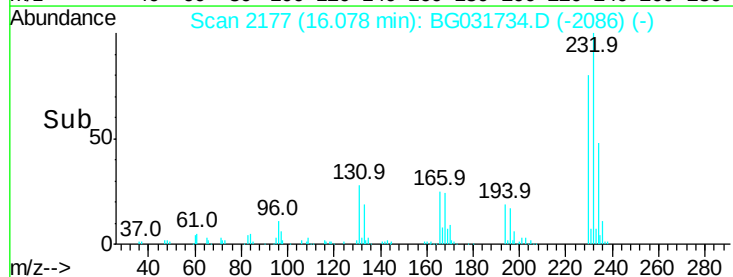
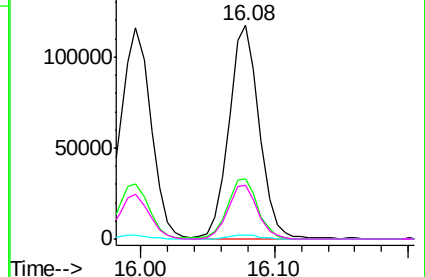


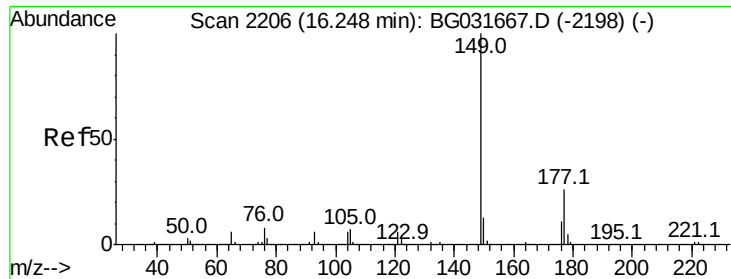
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

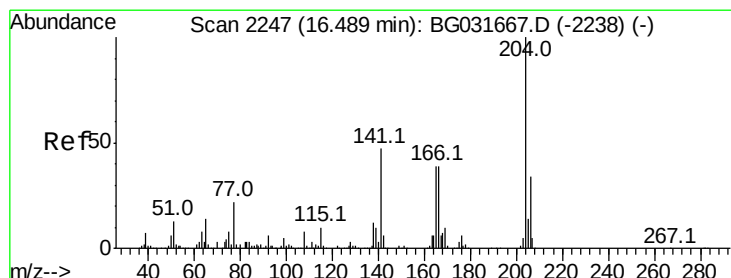
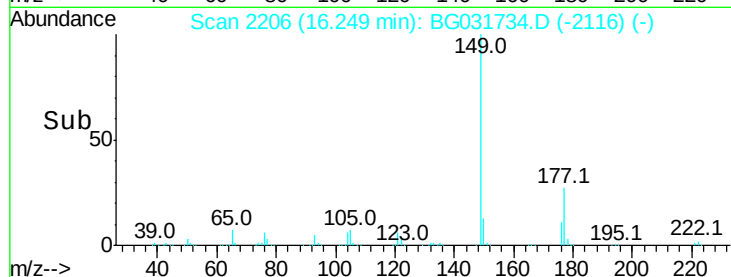
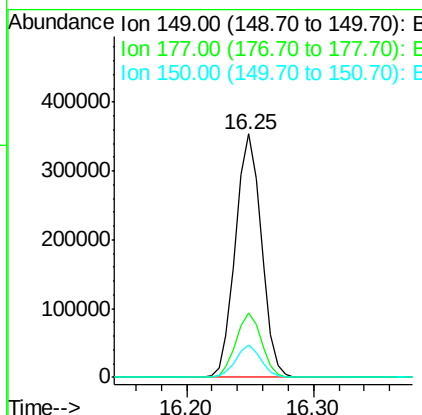
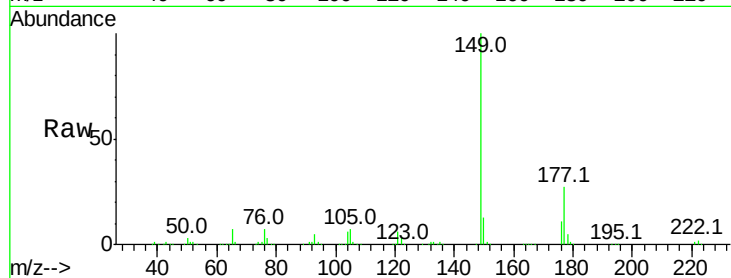




#59
Diethylphthalate
Concen: 45.507 ng
RT: 16.25 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

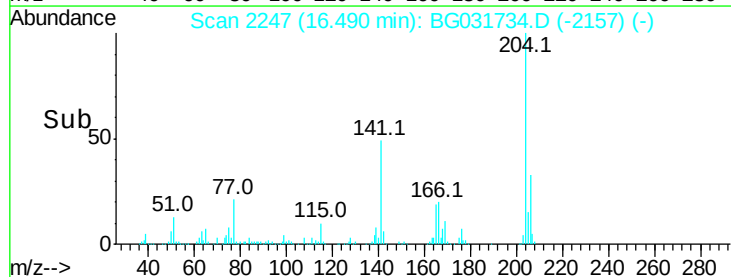
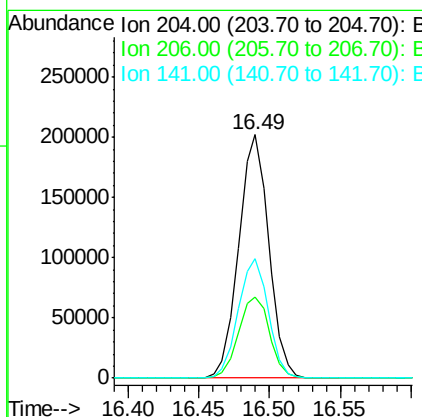
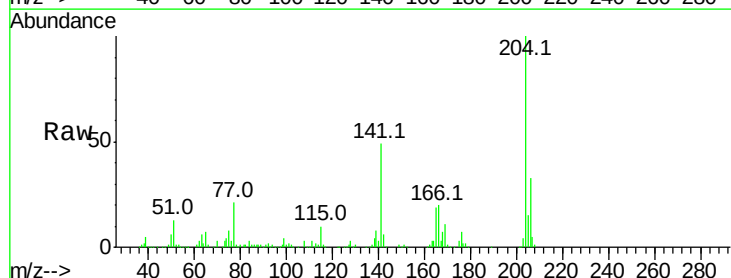
Instrument :
BNA_G
ClientSampleId :
PB105282BS

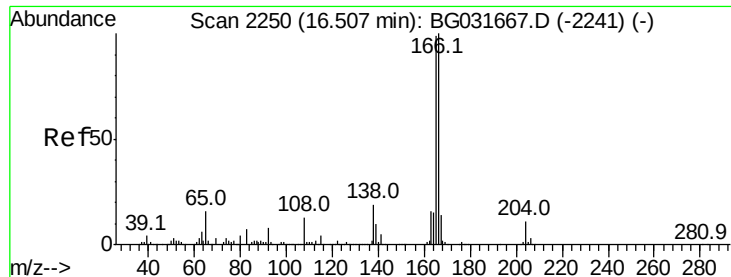
Tot Ion:149 Resp: 501203
Ion Ratio Lower Upper
149 100
177 26.6 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 45.079 ng
RT: 16.49 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion:204 Resp: 300726
Ion Ratio Lower Upper
204 100
206 33.3 26.2 39.2
141 49.3 45.8 68.6

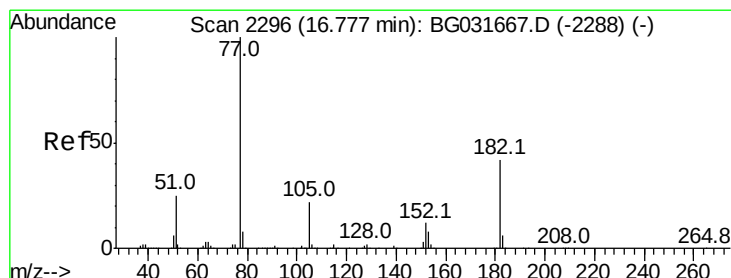
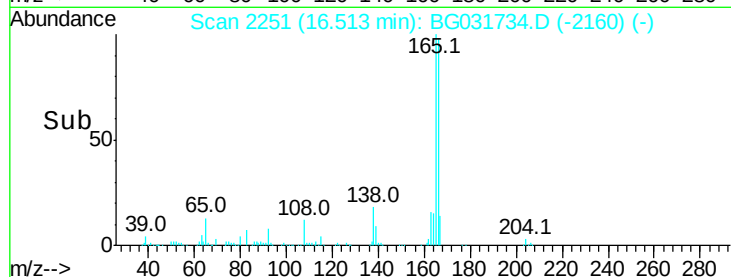
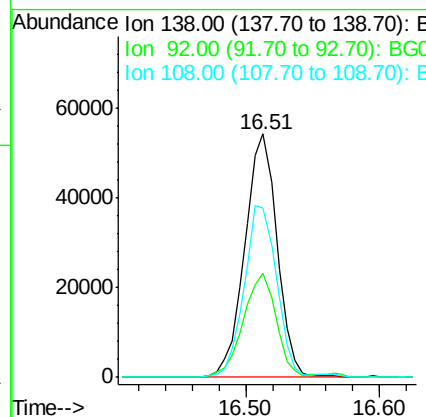
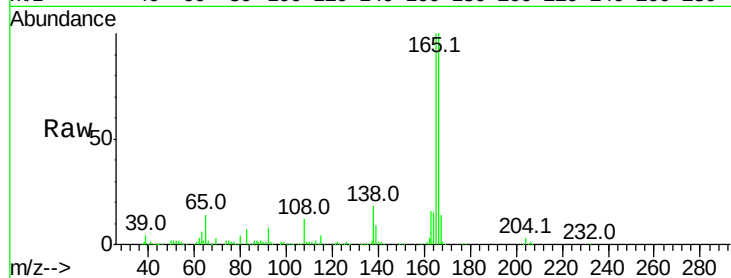




#61
4-Nitroaniline
Concen: 45.593 ng
RT: 16.51 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

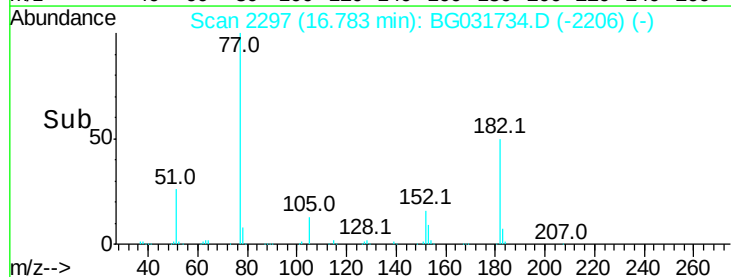
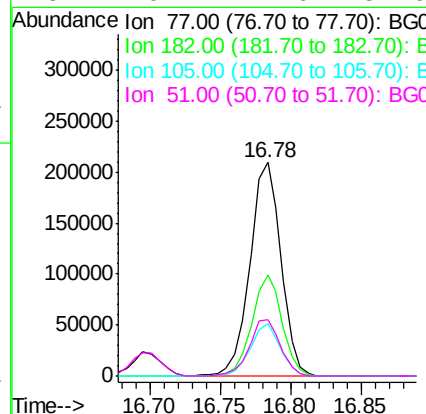
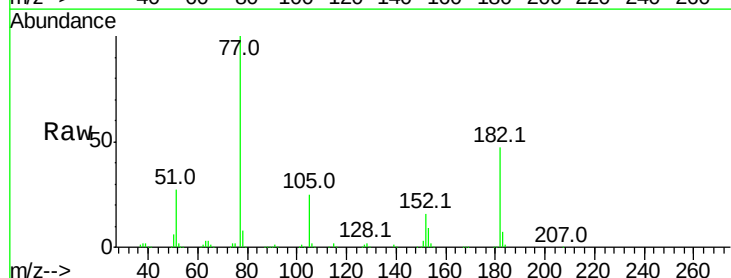
Instrument :
BNA_G
ClientSampleId :
PB105282BS

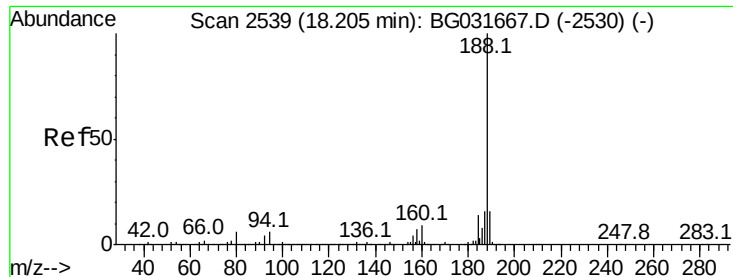
Tot Ion:138 Resp: 90234
Ion Ratio Lower Upper
138 100
92 42.7 40.1 80.1
108 69.5 65.4 105.4



#62
Azobenzene
Concen: 45.605 ng
RT: 16.78 min Scan# 2297
Delta R.T. 0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion: 77 Resp: 322120
Ion Ratio Lower Upper
77 100
182 47.2 7.4 47.4
105 24.7 0.3 40.3
51 26.7 11.6 51.6

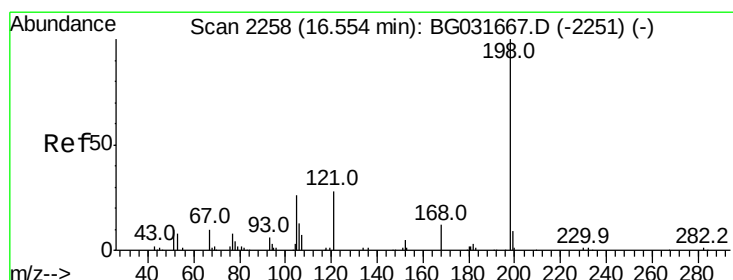
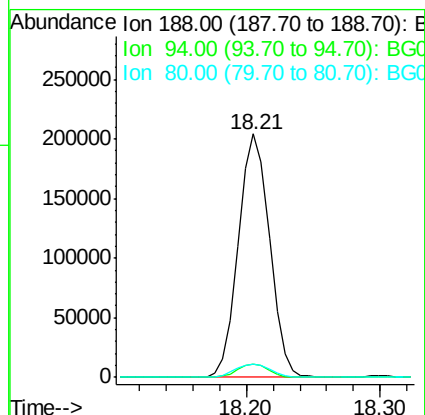
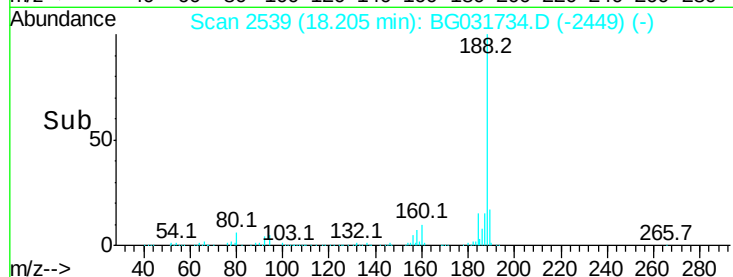
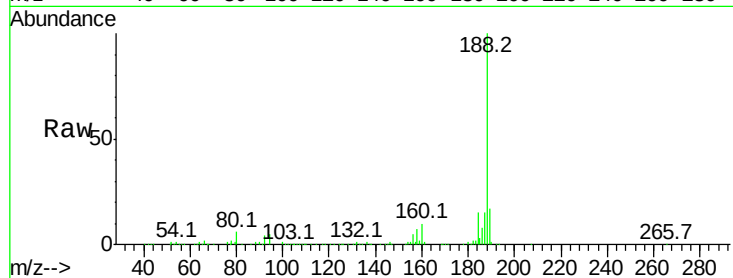




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. 0.00 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

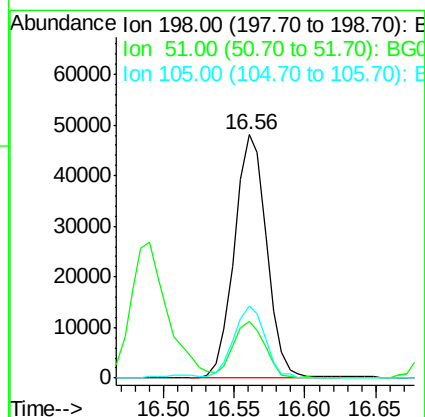
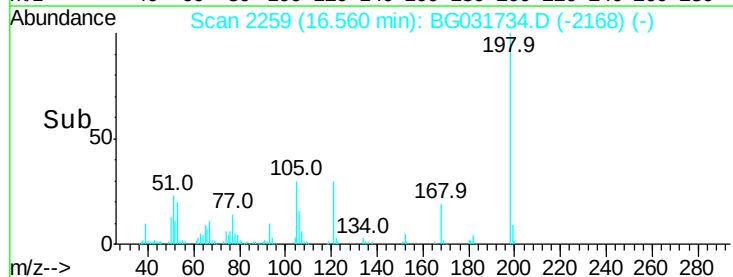
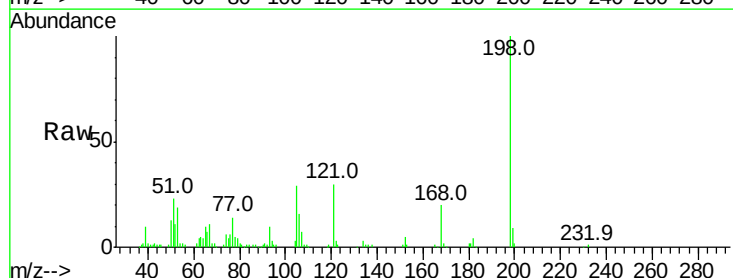
Instrument :
 BNA_G
 ClientSampleId :
 PB105282BS

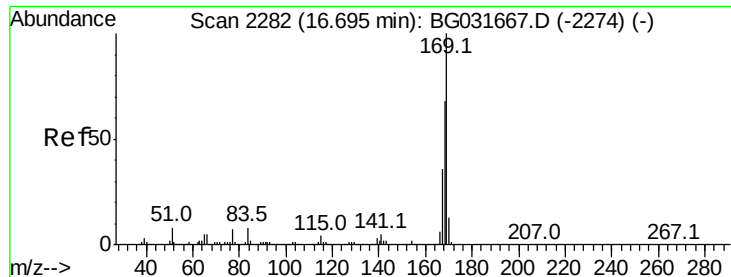
Tot Ion:188 Resp: 330894
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 5.7 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.747 ng
 RT: 16.56 min Scan# 2259
 Delta R.T. 0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Tgt Ion:198 Resp: 76776
 Ion Ratio Lower Upper
 198 100
 51 23.1 30.6 70.6#
 105 29.5 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 42.880 ng

RT: 16.70 min Scan# 2283

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

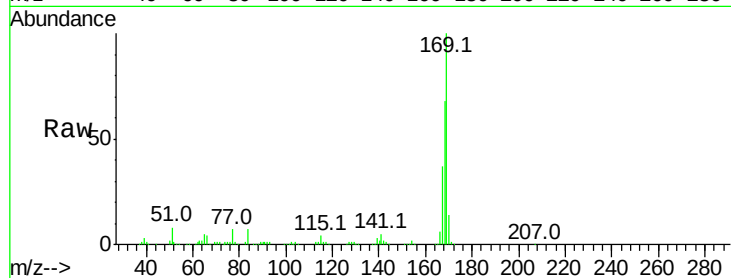
Tot Ion:169 Resp: 471236

Ion Ratio Lower Upper

169 100

168 67.8 55.7 83.5

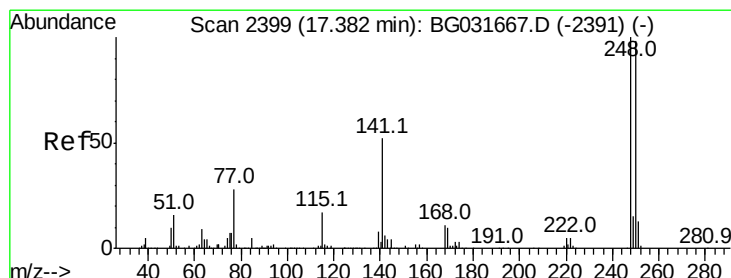
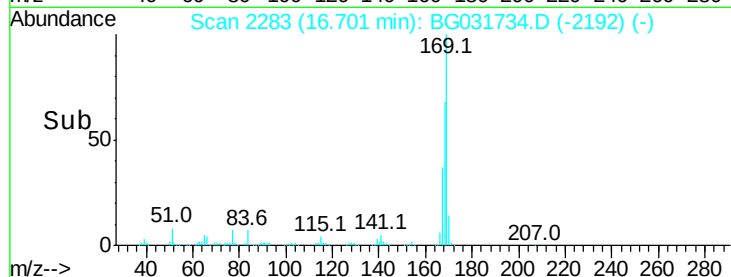
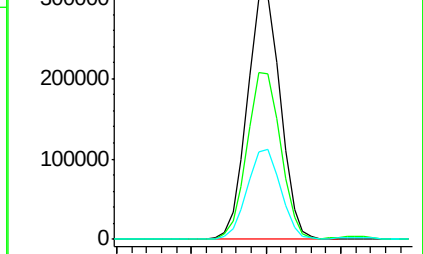
167 36.9 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.845 ng

RT: 17.38 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

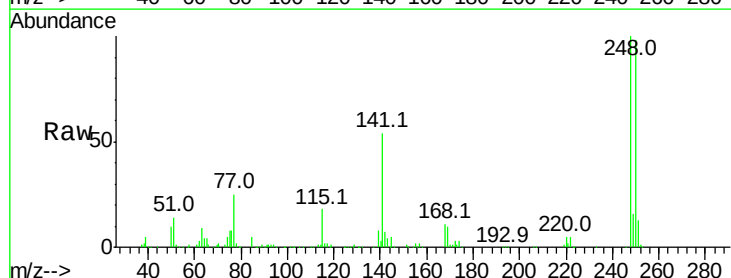
Tgt Ion:248 Resp: 224150

Ion Ratio Lower Upper

248 100

250 97.9 77.1 115.7

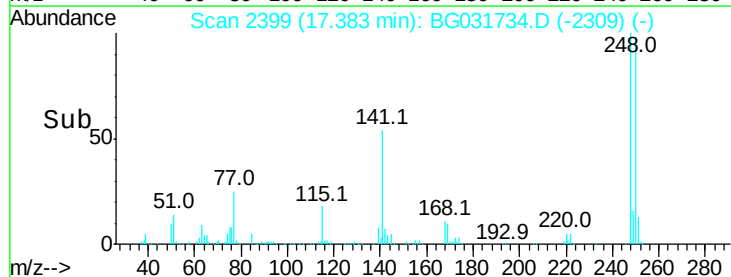
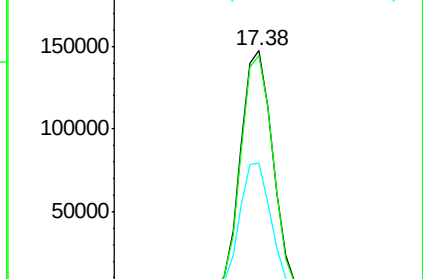
141 53.9 50.8 76.2

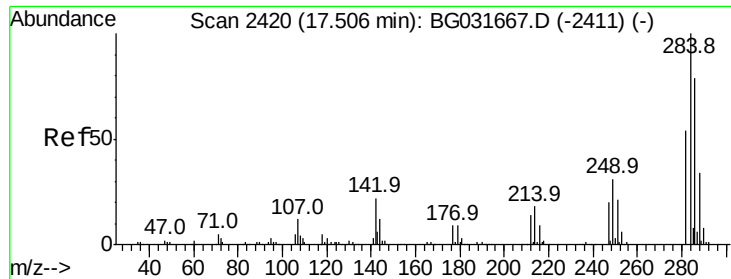


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

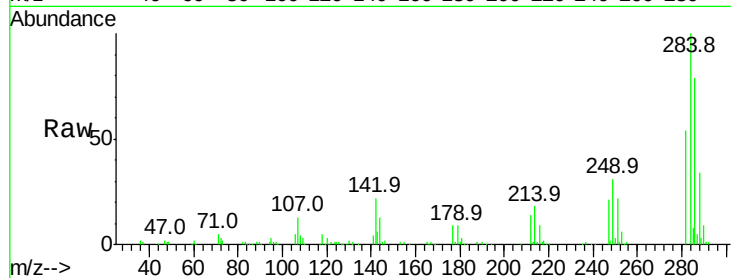




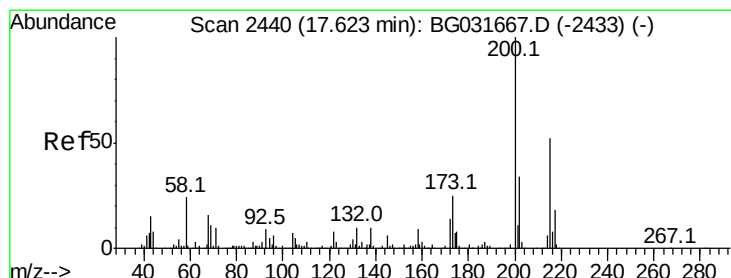
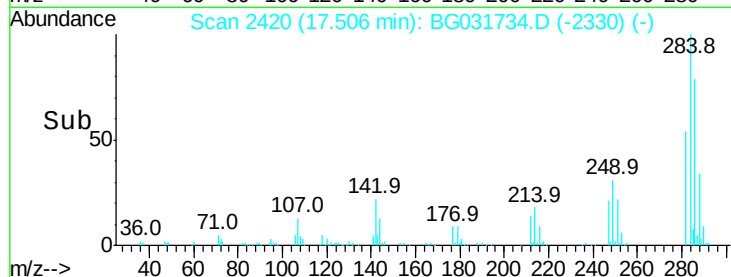
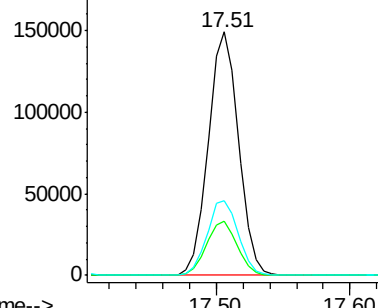
#67
Hexachlorobenzene
Concen: 47.708 ng
RT: 17.51 min Scan# 2420
Delta R.T. 0.00 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Instrument :
BNA_G
ClientSampleId :
PB105282BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	22.5	26.8	40.2#
249	30.9	26.3	39.5

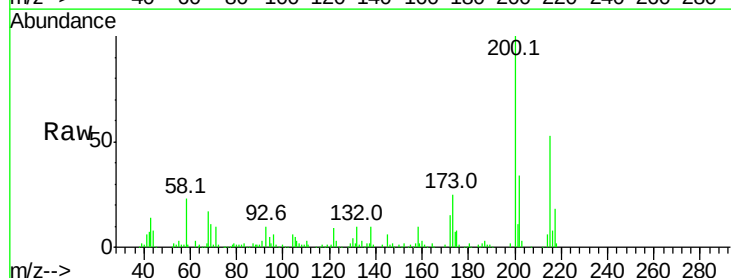


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

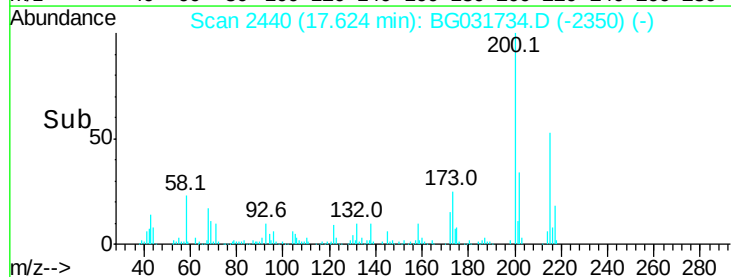
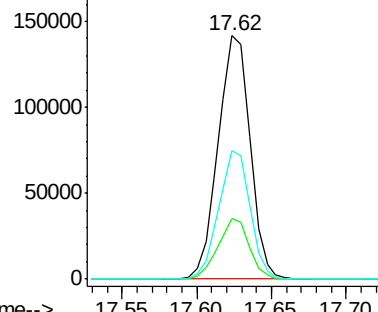


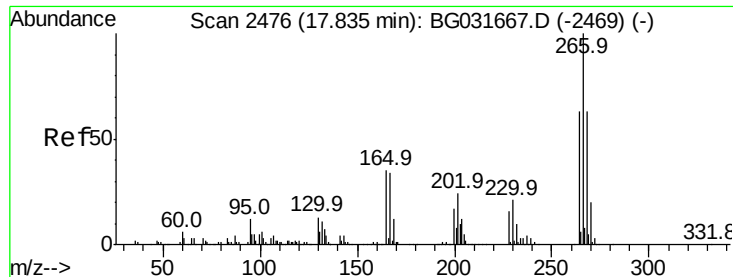
#68
Atrazine
Concen: 49.189 ng
RT: 17.62 min Scan# 2440
Delta R.T. 0.00 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.6	5.2	45.2
215	52.6	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: 92.976 ng

RT: 17.84 min Scan# 2477

Delta R.T. 0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

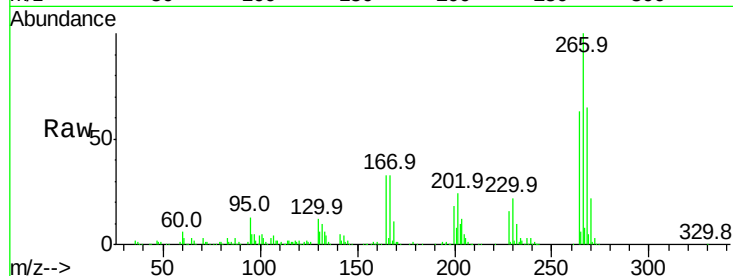
Tot Ion:266 Resp: 312811

Ion Ratio Lower Upper

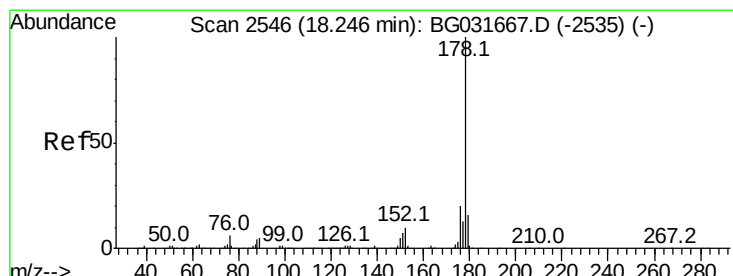
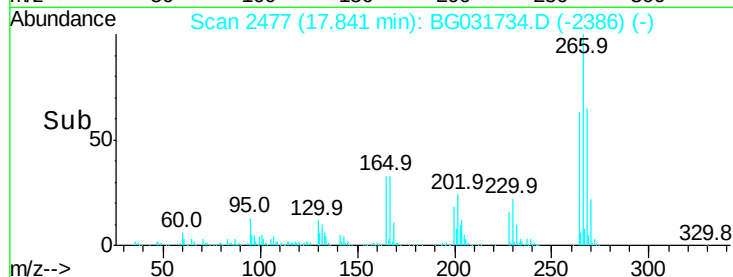
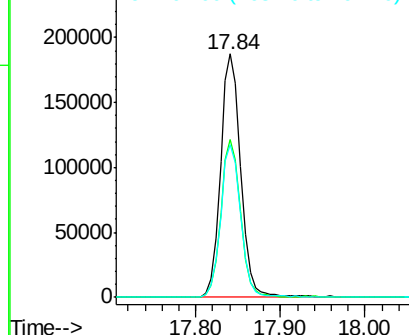
266 100

268 64.6 51.1 76.7

264 62.9 49.6 74.4



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



#70

Phenanthrene

Concen: 46.397 ng

RT: 18.25 min Scan# 2546

Delta R.T. 0.00 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

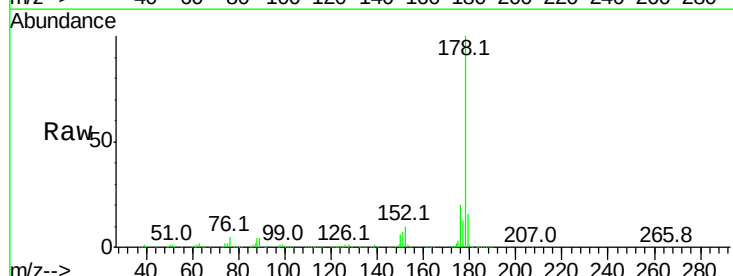
Tgt Ion:178 Resp: 868831

Ion Ratio Lower Upper

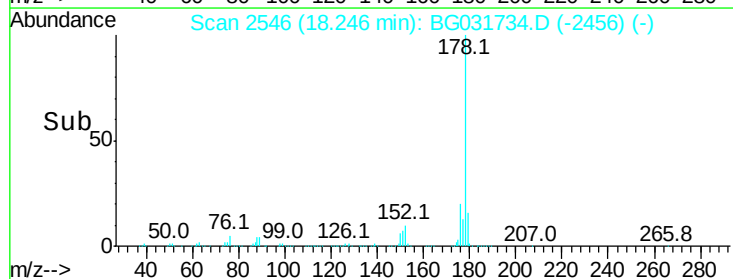
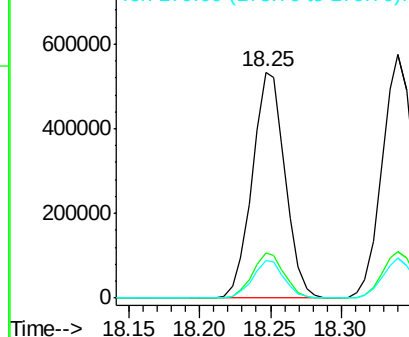
178 100

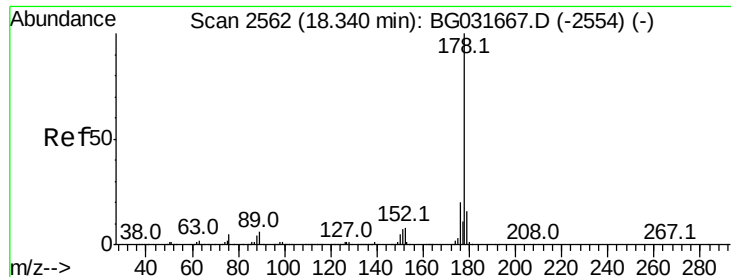
176 20.2 15.7 23.5

179 16.4 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 47.263 ng

RT: 18.34 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

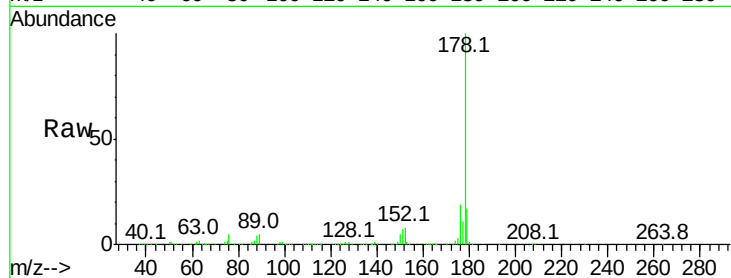
BNA_G

ClientSampleId :

PB105282BS

Tot Ion:178 Resp: 892797

Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	16.6	12.5	18.7

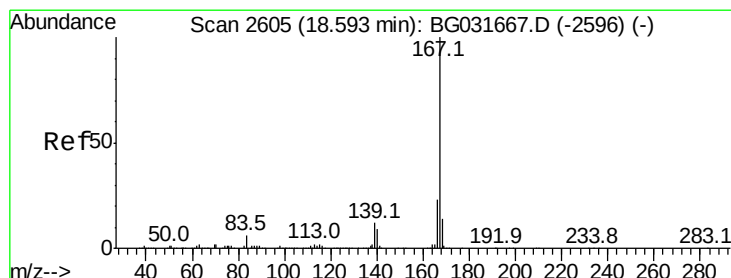
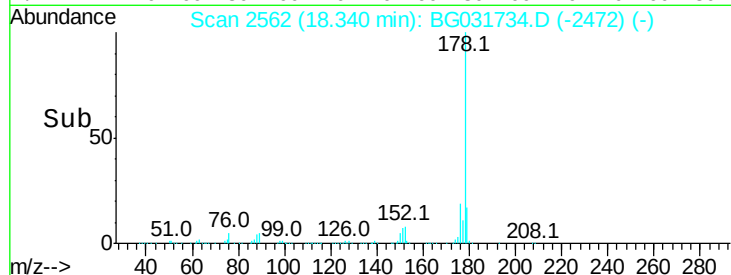
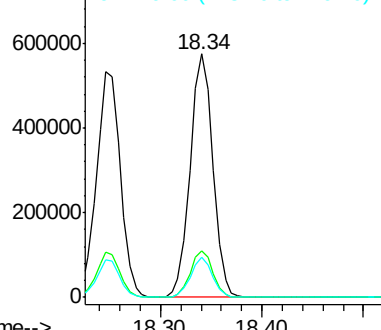


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.942 ng

RT: 18.59 min Scan# 2605

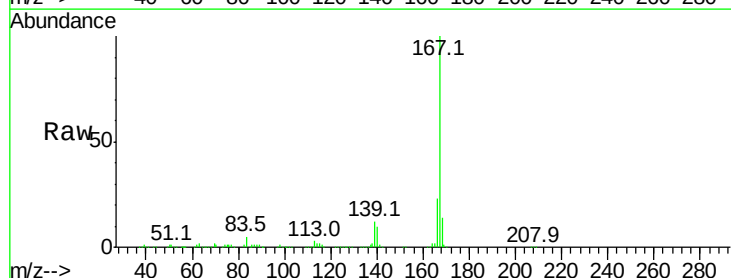
Delta R.T. 0.00 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Tgt Ion:167 Resp: 784836

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

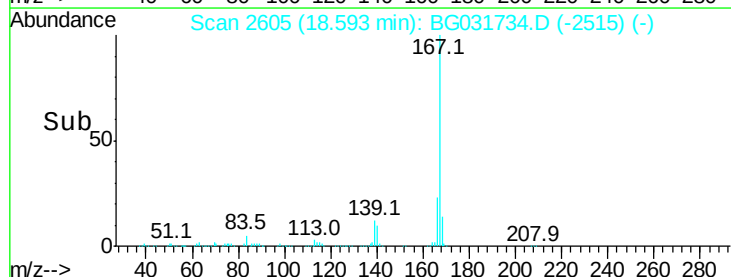
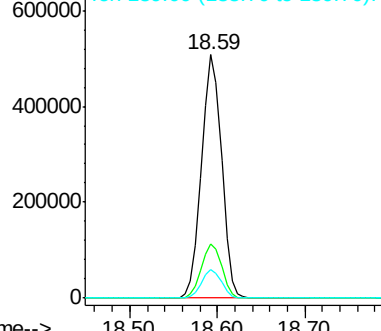


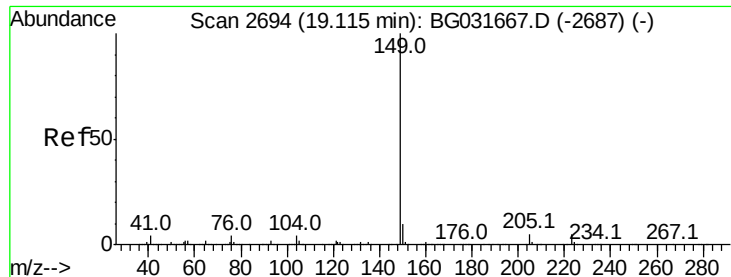
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 47.260 ng

RT: 19.11 min Scan# 2693

Delta R.T. -0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

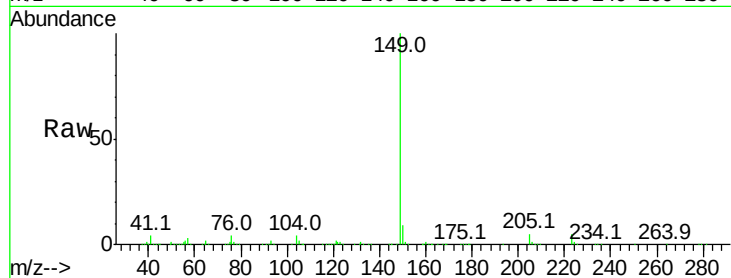
Tot Ion:149 Resp: 878114

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

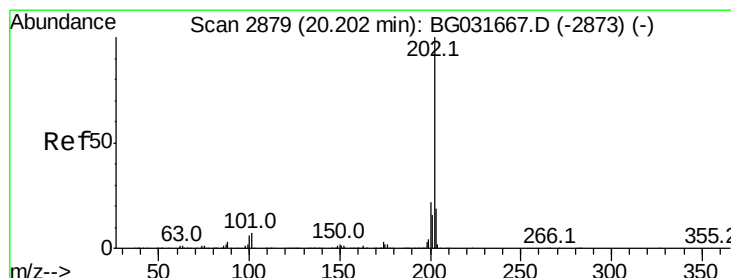
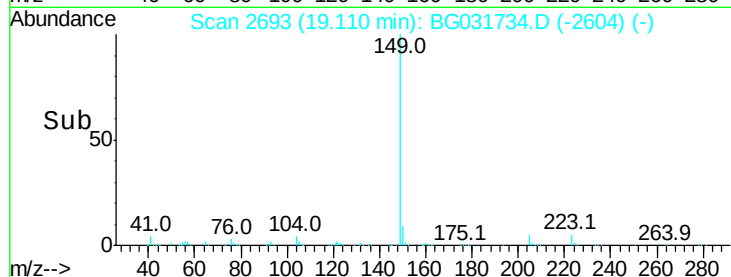
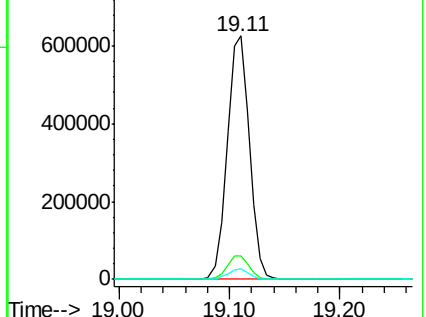
104 4.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 47.831 ng

RT: 20.20 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

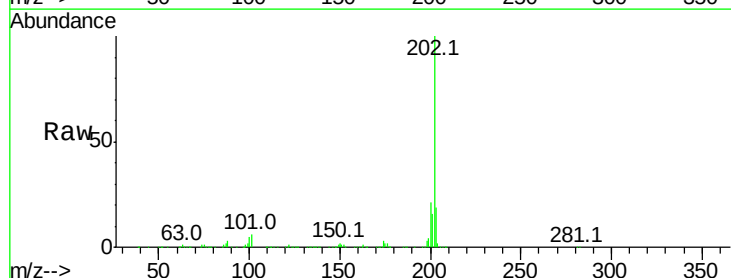
Tgt Ion:202 Resp: 1099015

Ion Ratio Lower Upper

202 100

101 6.5 0.0 28.9

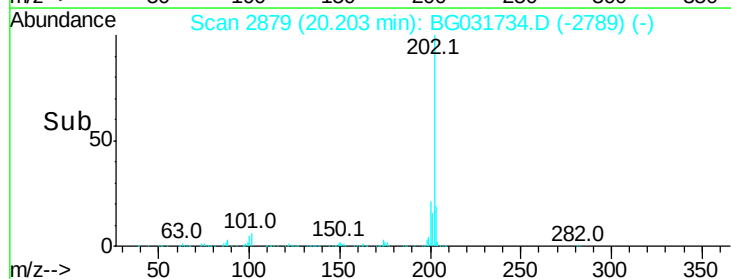
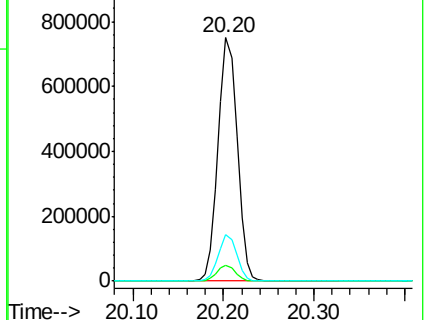
203 19.1 0.0 37.5

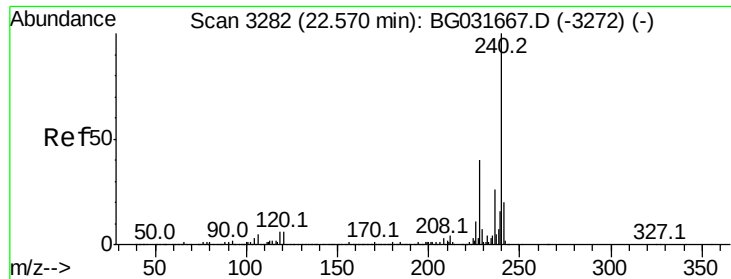


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3281

Delta R.T. -0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

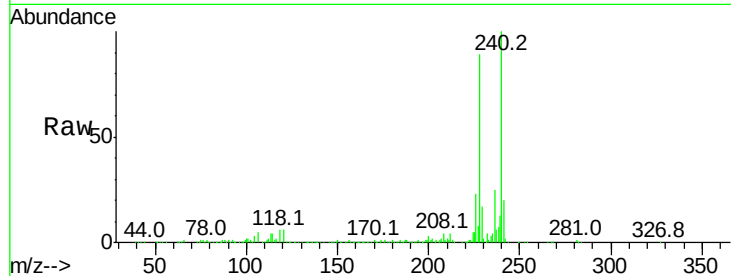
Tot Ion:240 Resp: 380604

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

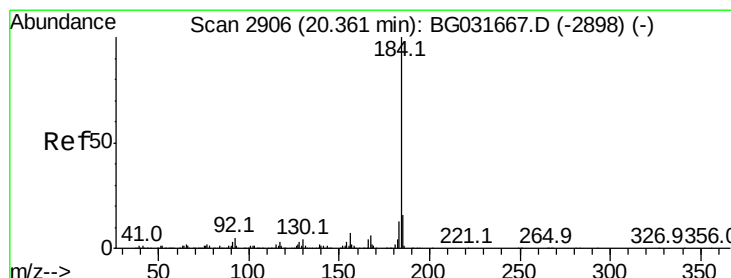
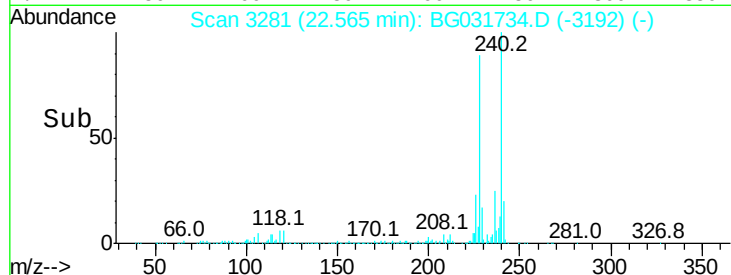
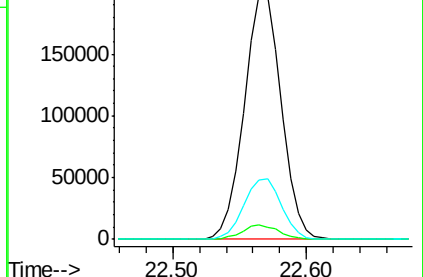
236 24.6 20.9 31.3



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



#76

Benzidine

Concen: 25.299 ng

RT: 20.36 min Scan# 2906

Delta R.T. 0.00 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

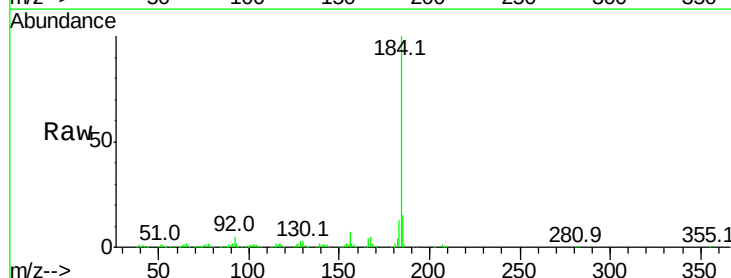
Tgt Ion:184 Resp: 297199

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

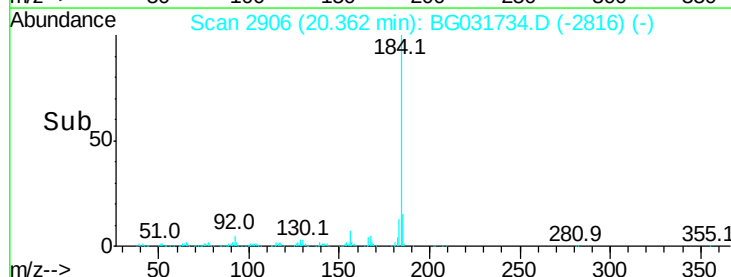
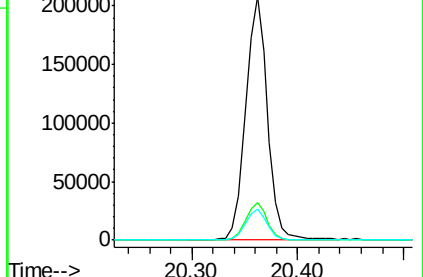
183 12.9 10.6 16.0

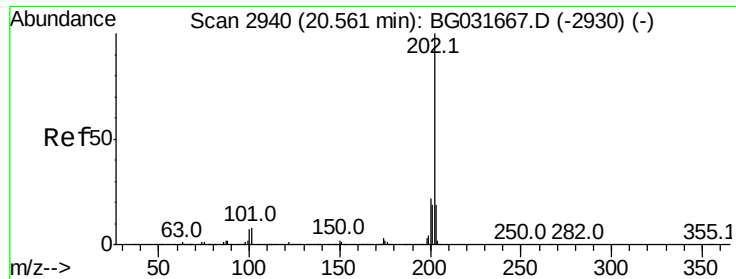


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.816 ng

RT: 20.56 min Scan# 2940

Delta R.T. 0.00 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

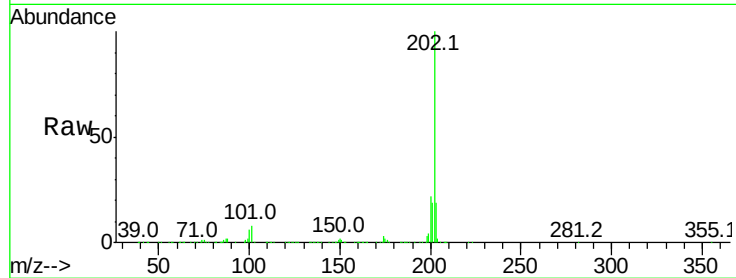
BNA_G

ClientSampleId :

PB105282BS

Tot Ion:202 Resp: 1113868

Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.9	25.3
203	18.7	13.9	20.9

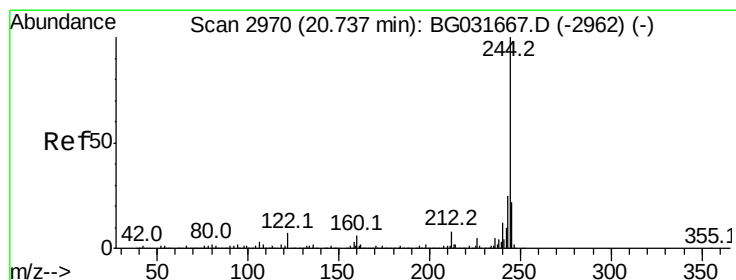
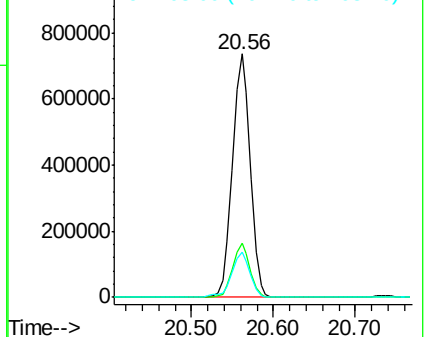
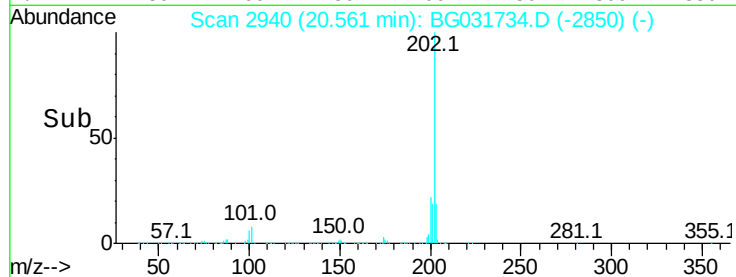


Abundance

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: 99.642 ng

RT: 20.73 min Scan# 2969

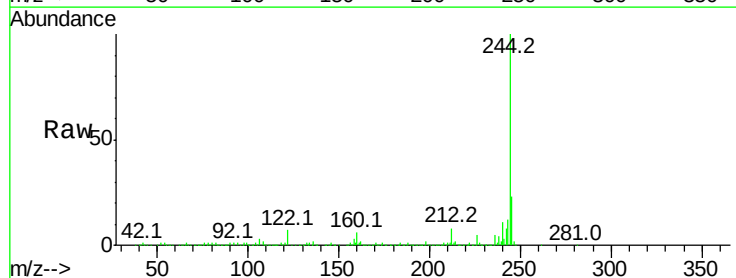
Delta R.T. -0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Tgt Ion:244 Resp: 1659960

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	7.1	7.0	10.4

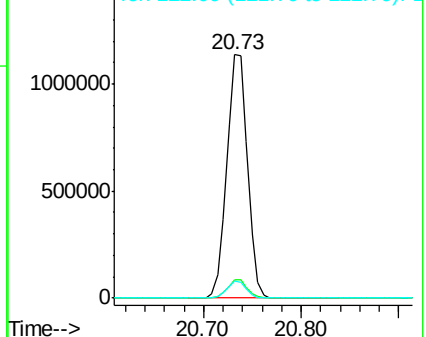
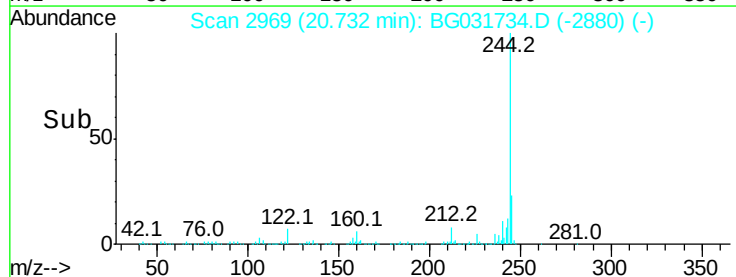


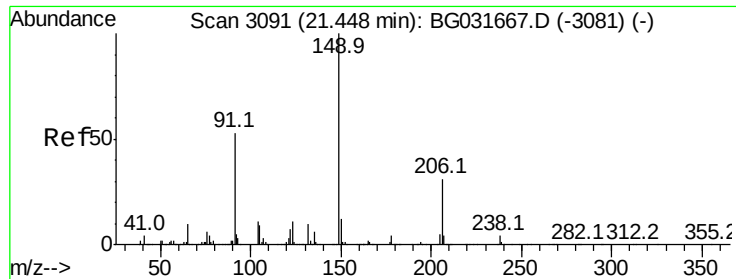
Abundance

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

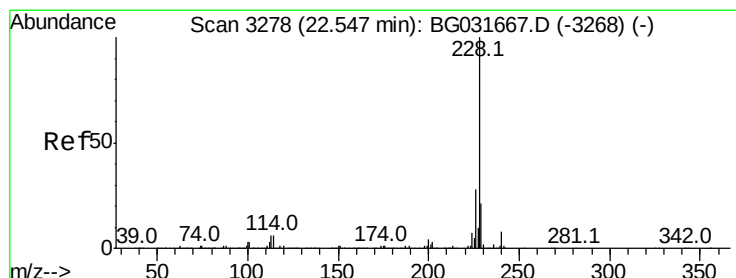
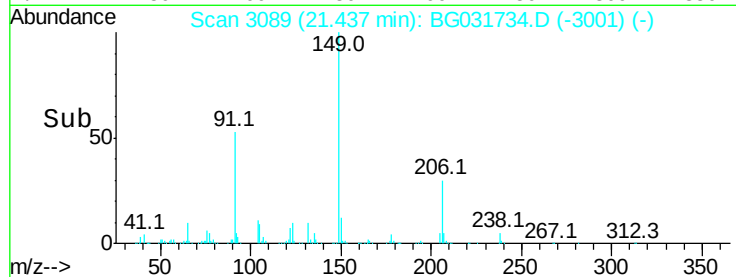
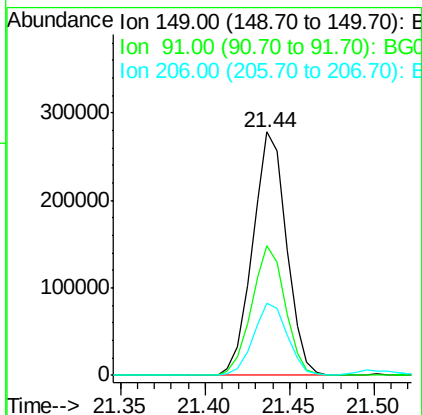
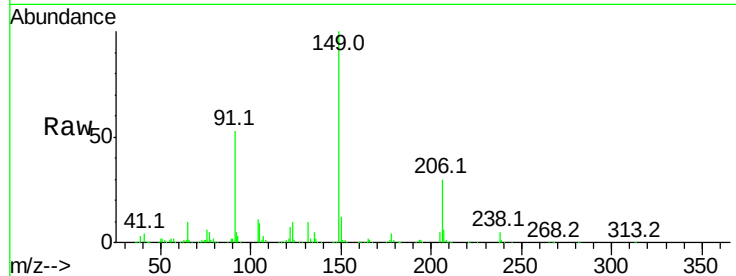




#79
Butylbenzylphthalate
Concen: 47.383 ng
RT: 21.44 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

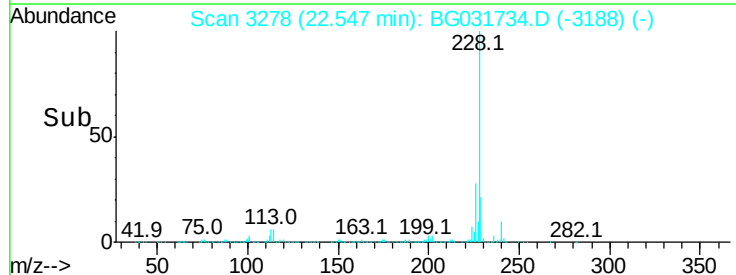
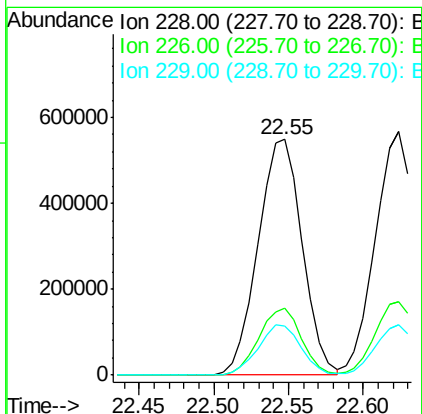
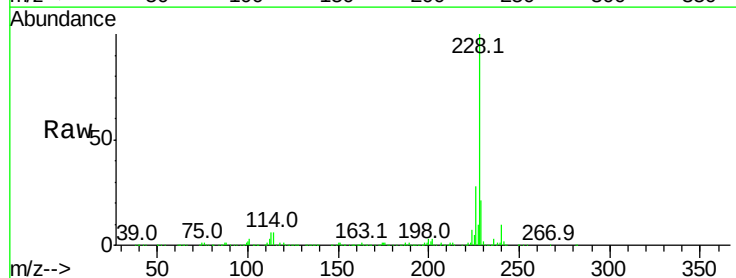
Instrument :
BNA_G
ClientSampleId :
PB105282BS

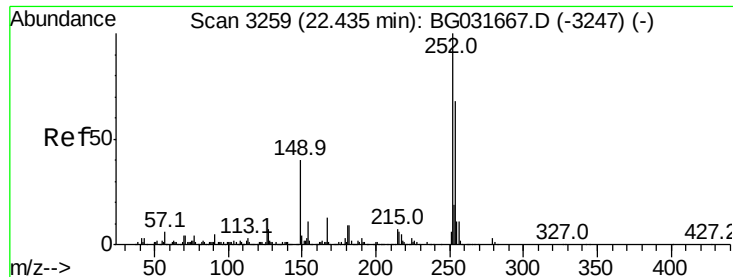
Tot Ion	Ratio	Lower	Upper
149	100		
91	53.2	62.2	93.2#
206	29.7	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 46.513 ng
RT: 22.55 min Scan# 3278
Delta R.T. 0.00 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.7	34.1
229	21.0	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 21.368 ng

RT: 22.43 min Scan# 3258

Delta R.T. -0.01 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

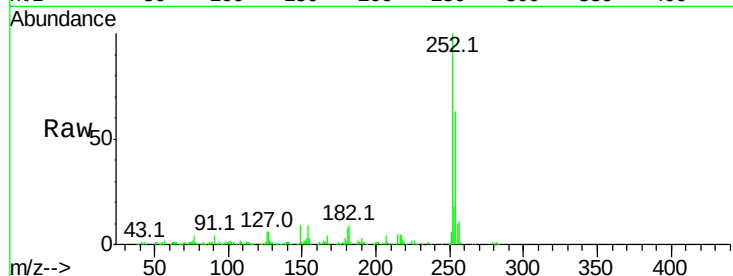
Tot Ion:252 Resp: 200575

Ion Ratio Lower Upper

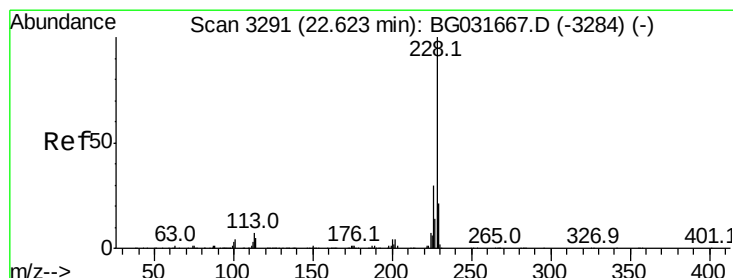
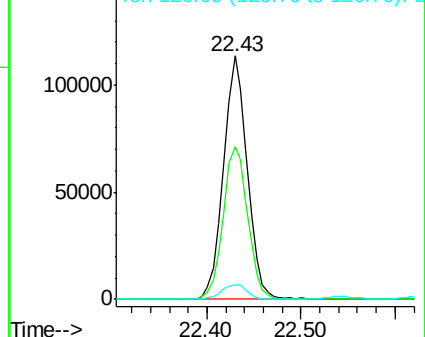
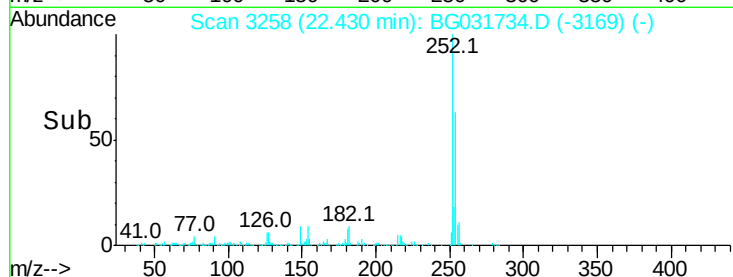
252 100

254 62.5 50.8 76.2

126 6.1 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: 46.155 ng

RT: 22.62 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

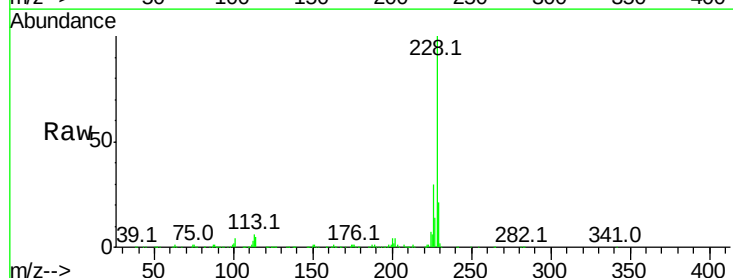
Tgt Ion:228 Resp: 1057293

Ion Ratio Lower Upper

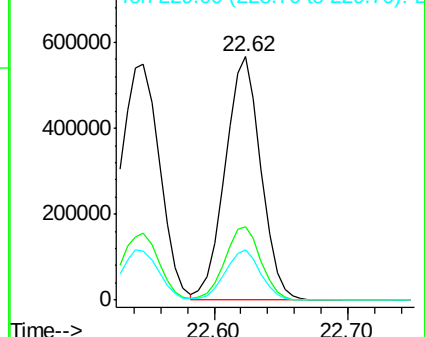
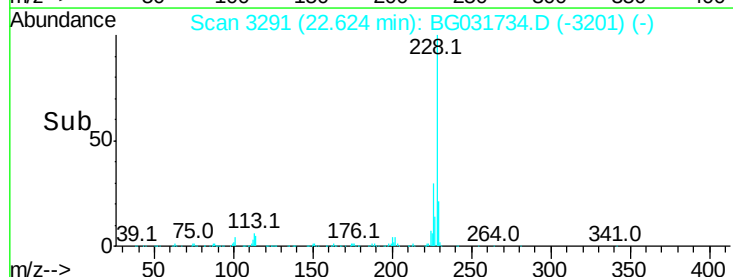
228 100

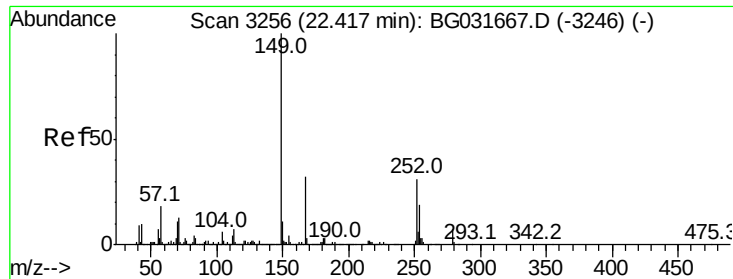
226 30.4 24.9 37.3

229 20.8 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: 45.548 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

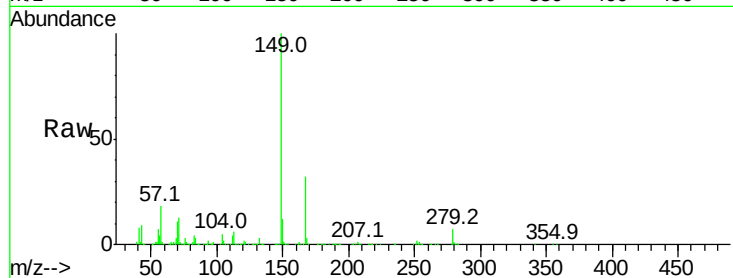
Tot Ion:149 Resp: 538560

Ion Ratio Lower Upper

149 100

167 31.7 24.3 36.5

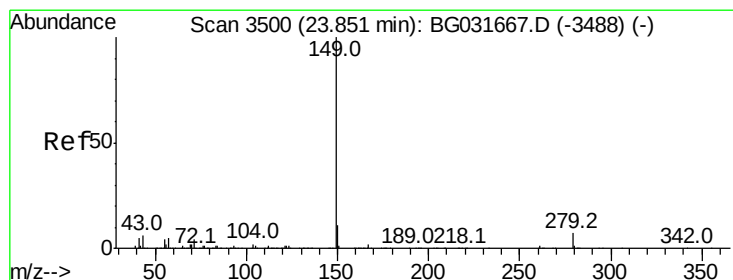
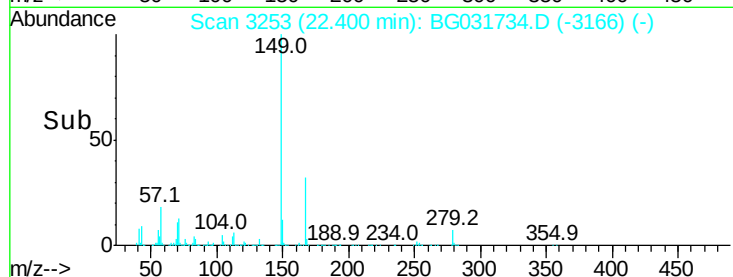
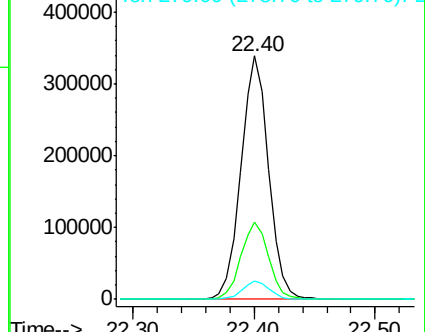
279 7.4 4.0 6.0#



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: 47.507 ng

RT: 23.82 min Scan# 3495

Delta R.T. -0.03 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

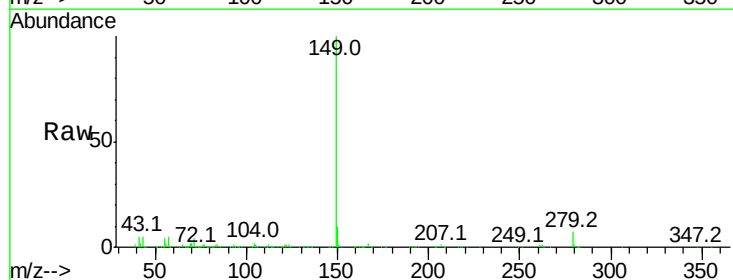
Tgt Ion:149 Resp: 946021

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

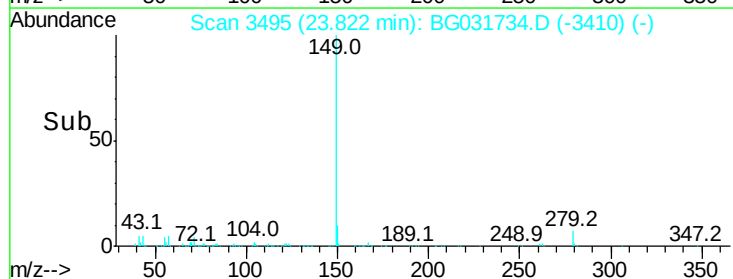
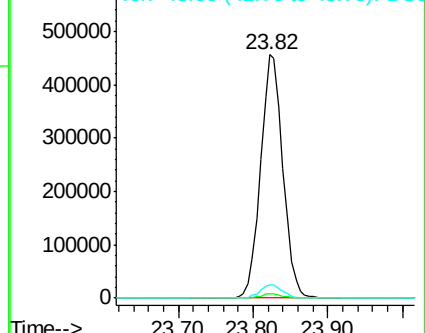
43 5.4 8.9 13.3#

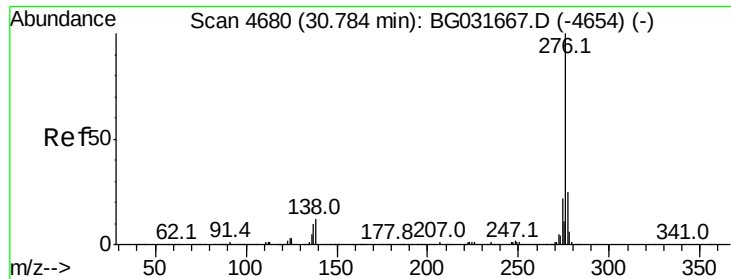


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



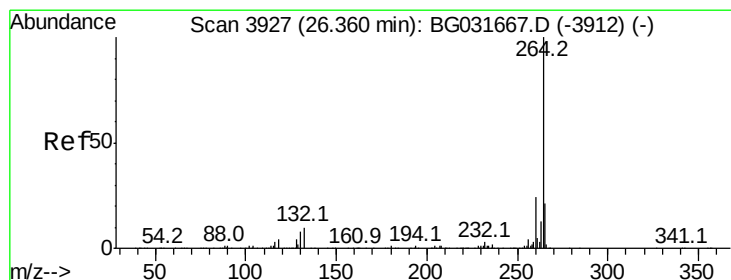
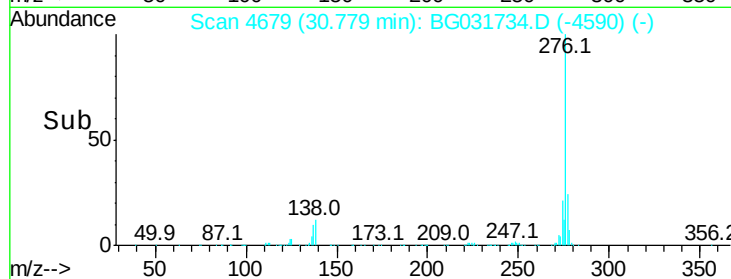
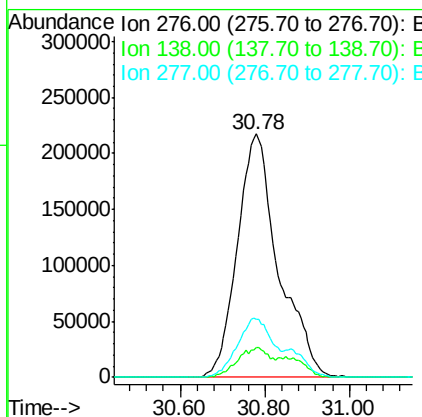
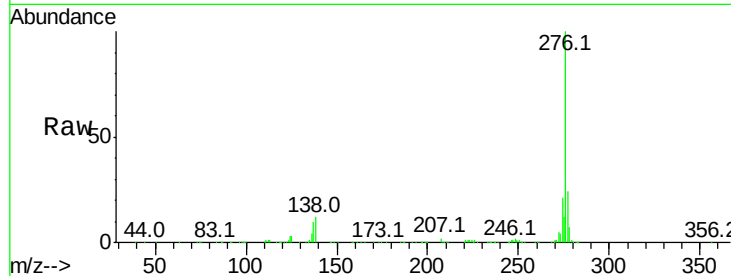


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.007 ng
 RT: 30.78 min Scan# 4679
 Delta R.T. -0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB105282BS

Tot Ion:276 Resp: 1469606

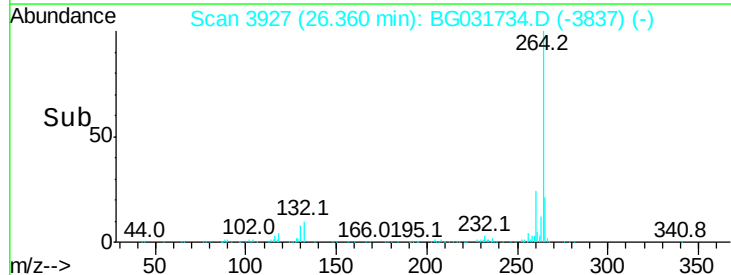
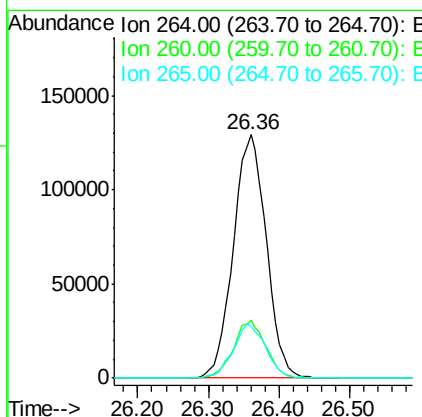
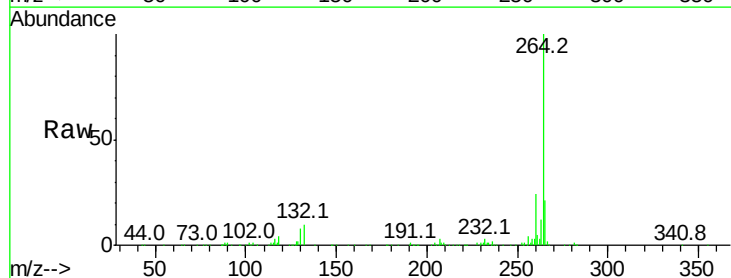
Ion	Ratio	Lower	Upper
276	100		
138	9.7	16.0	24.0#
277	20.9	20.0	30.0

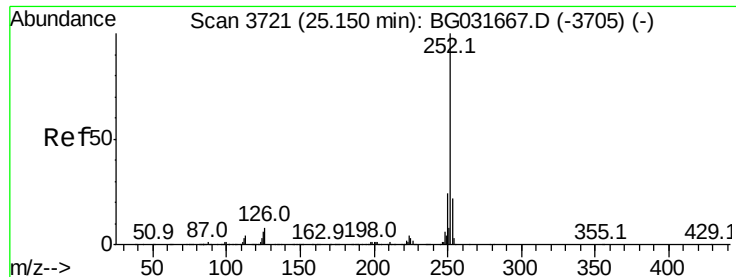


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.36 min Scan# 3927
 Delta R.T. 0.00 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Tgt Ion:264 Resp: 419266

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.0	17.7	26.5

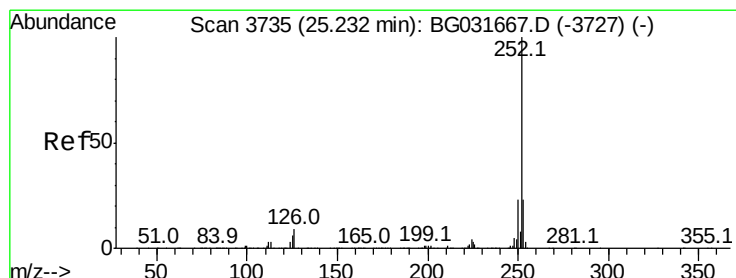
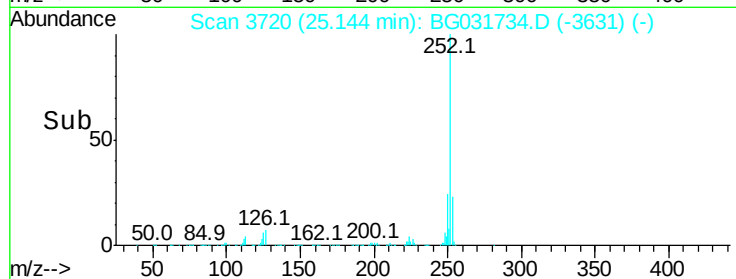
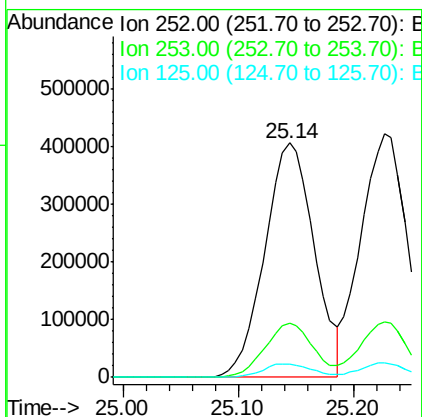
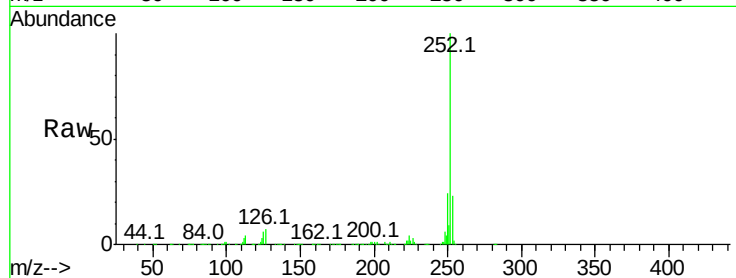




#87
Benzo(b)fluoranthene
Concen: 46.715 ng
RT: 25.14 min Scan# 3720
Delta R.T. -0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

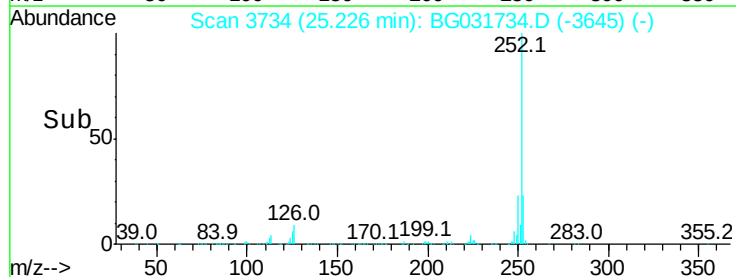
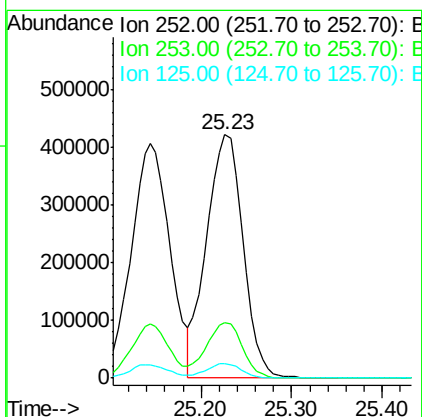
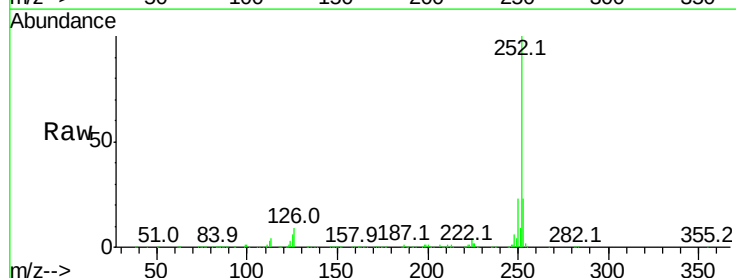
Instrument :
BNA_G
ClientSampleId :
PB105282BS

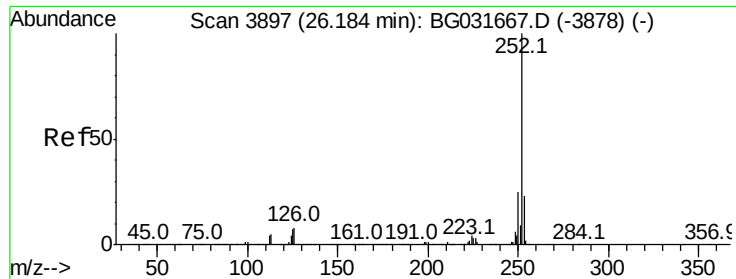
Tot Ion:252 Resp: 1215775
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 5.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 45.409 ng
RT: 25.23 min Scan# 3734
Delta R.T. -0.01 min
Lab File: BG031734.D
Acq: 23 Dec 2017 5:47

Tgt Ion:252 Resp: 1182703
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 5.9 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 48.069 ng

RT: 26.18 min Scan# 3897

Delta R.T. 0.00 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

Instrument :

BNA_G

ClientSampleId :

PB105282BS

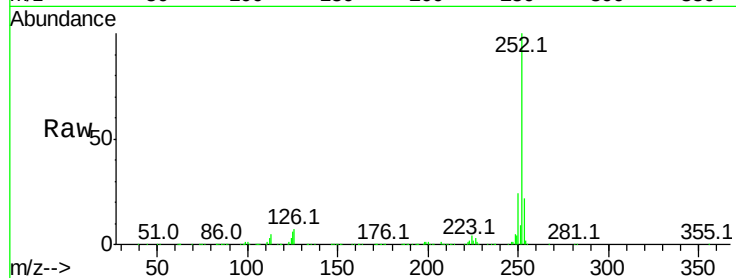
Tot Ion:252 Resp: 1198131

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

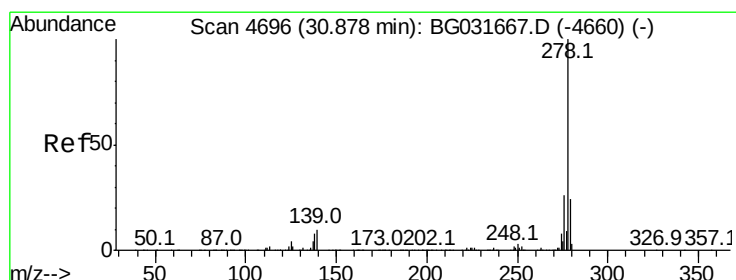
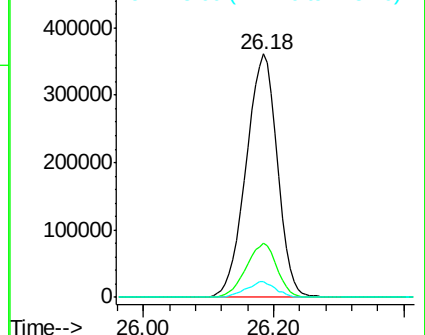
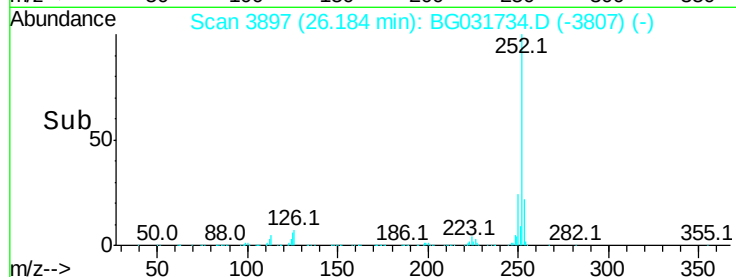
125 6.2 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.294 ng

RT: 30.86 min Scan# 4693

Delta R.T. -0.02 min

Lab File: BG031734.D

Acq: 23 Dec 2017 5:47

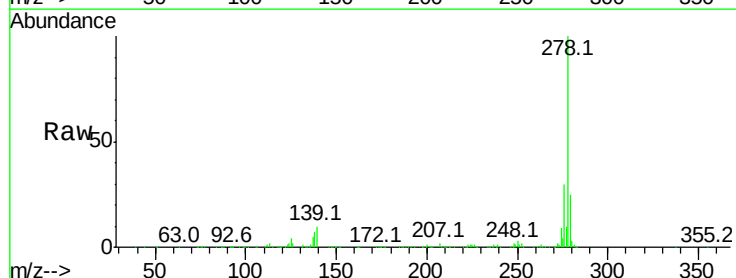
Tgt Ion:278 Resp: 1217469

Ion Ratio Lower Upper

278 100

139 9.7 9.8 14.6#

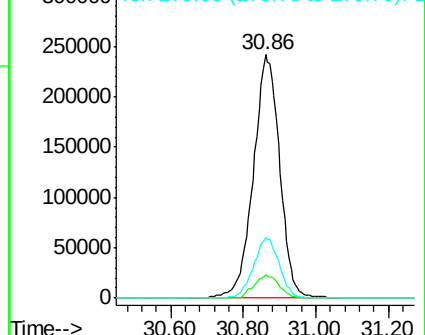
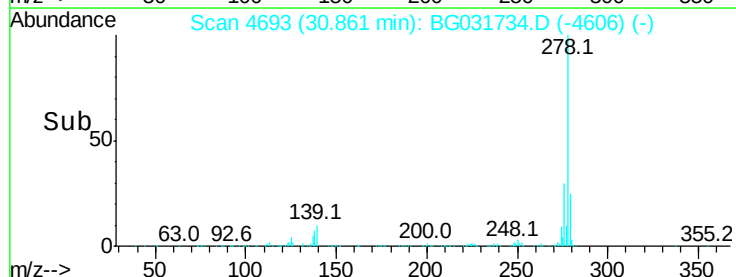
279 24.9 18.4 27.6

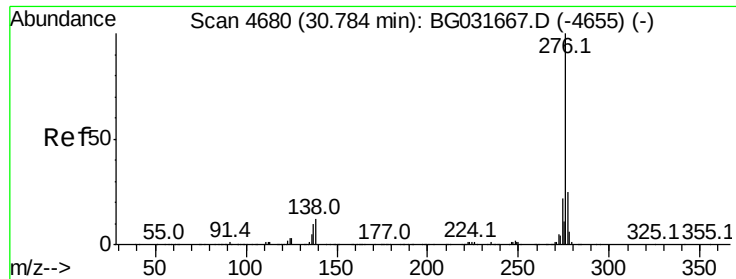


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 48.353 ng
 RT: 30.78 min Scan# 4679
 Delta R.T. -0.01 min
 Lab File: BG031734.D
 Acq: 23 Dec 2017 5:47

Instrument :
 BNA_G
 ClientSampleId :
 PB105282BS

Tot Ion:276 Resp: 1469606
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.3 27.5
 138 12.4 13.9 20.9#

