

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031380.D
 Acq On : 6 Dec 2017 20:50
 Operator : SJ/JU
 Sample : I6718-03MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 07 02:41:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	71300	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	305480	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	201114	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	518775	20.00	ng	0.00
75) Chrysene-d12	21.77	240	565047	20.00	ng	0.00
86) Perylene-d12	25.07	264	551721	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	566850	136.33	ng	0.00
7) Phenol-d6	7.30	99	693629	123.82	ng	0.00
23) Nitrobenzene-d5	9.30	82	472582	91.67	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	362665	111.47	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	1302696	93.07	ng	0.00
78) Terphenyl-d14	20.08	244	2223294	86.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	65265	38.679	ng	84
3) Pyridine	3.96	79	140305	28.642	ng	89
4) n-Nitrosodimethylamine	3.87	42	93613	40.322	ng	# 95
6) Aniline	7.45	93	96162	13.044	ng	94
8) 2-Chlorophenol	7.70	128	215819	47.034	ng	88
9) Benzaldehyde	7.26	77	63755	16.264	ng	89
10) Phenol	7.33	94	247260	42.503	ng	94
11) bis(2-Chloroethyl)ether	7.54	93	203754	43.866	ng	91
12) 1,3-Dichlorobenzene	8.01	146	231509	43.002	ng	95
13) 1,4-Dichlorobenzene	8.16	146	237651	43.562	ng	95
14) 1,2-Dichlorobenzene	8.48	146	224847	42.940	ng	96
15) Benzyl Alcohol	8.37	79	186647	41.539	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.65	45	301280	58.722	ng	94
17) 2-Methylphenol	8.58	107	180833	44.639	ng	96
18) Hexachloroethane	9.21	117	84271	44.382	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	161963	38.026	ng	# 95
20) 3+4-Methylphenols	8.91	107	247423	42.953	ng	94
22) Acetophenone	8.95	105	312904	41.138	ng	# 93
24) Nitrobenzene	9.34	77	242400	46.031	ng	91
25) Isophorone	9.86	82	455403	45.295	ng	# 93
26) 2-Nitrophenol	10.05	139	126548	46.103	ng	# 88
27) 2,4-Dimethylphenol	10.11	122	208226	51.098	ng	93
28) bis(2-Chloroethoxy)methane	10.34	93	284588	44.942	ng	95
29) 2,4-Dichlorophenol	10.60	162	243412	49.743	ng	91
30) 1,2,4-Trichlorobenzene	10.81	180	266022	45.534	ng	98
31) Naphthalene	10.99	128	674038	44.885	ng	98
32) Benzoic acid	10.25	122	18042	10.350	ng	92
33) 4-Chloroaniline	11.12	127	19257	2.929	ng	95
34) Hexachlorobutadiene	11.27	225	174577	43.087	ng	96
35) Caprolactam	11.89	113	66377	33.205	ng	# 81
36) 4-Chloro-3-methylphenol	12.23	107	246757	46.331	ng	89
37) 2-Methylnaphthalene	12.59	142	518738	44.747	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	318051	39.846	ng	97
40) Hexachlorocyclopentadiene	12.93	237	283756	93.971	ng	91

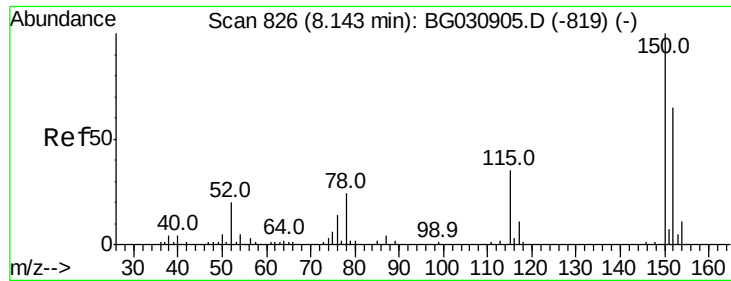
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120617\
 Data File : BG031380.D
 Acq On : 6 Dec 2017 20:50
 Operator : SJ/JU
 Sample : I6718-03MSD
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Quant Time: Dec 07 02:41:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	218184	47.815	ng	99
43) 2,4,5-Trichlorophenol	13.28	196	230551	46.178	ng	92
45) 1,1'-Biphenyl	13.58	154	681473	40.863	ng	97
46) 2-Chloronaphthalene	13.63	162	571690	47.512	ng	96
47) 2-Nitroaniline	13.84	65	163549	45.858	ng	# 81
48) Acenaphthylene	14.48	152	855735	43.452	ng	98
49) Dimethylphthalate	14.20	163	752415	43.269	ng	98
50) 2,6-Dinitrotoluene	14.32	165	172774	48.205	ng	# 80
51) Acenaphthene	14.81	154	529992	43.090	ng	98
52) 3-Nitroaniline	14.67	138	47834	12.569	ng	# 78
53) 2,4-Dinitrophenol	14.88	184	48197	28.516	ng	# 47
54) Dibenzofuran	15.15	168	886145	45.232	ng	99
55) 4-Nitrophenol	14.99	139	201037	74.157	ng	# 79
56) 2,4-Dinitrotoluene	15.12	165	245270	47.335	ng	# 76
57) Fluorene	15.79	166	711874	44.757	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	229689	48.271	ng	# 91
59) Diethylphthalate	15.55	149	756014	42.801	ng	98
60) 4-Chlorophenyl-phenylether	15.78	204	428011	44.557	ng	93
61) 4-Nitroaniline	15.82	138	167707	41.616	ng	94
62) Azobenzene	16.07	77	618317	45.900	ng	96
64) 4,6-Dinitro-2-methylphenol	15.89	198	65599	19.024	ng	79
65) n-Nitrosodiphenylamine	15.99	169	649552	41.320	ng	100
66) 4-Bromophenyl-phenylether	16.67	248	285479	43.449	ng	95
67) Hexachlorobenzene	16.80	284	282906	40.522	ng	96
68) Atrazine	16.94	200	270920	41.770	ng	95
69) Pentachlorophenol	17.15	266	206102	53.406	ng	99
70) Phenanthrene	17.53	178	1208408	44.738	ng	97
71) Anthracene	17.63	178	1231809	45.513	ng	98
72) Carbazole	17.90	167	1115984	44.006	ng	98
73) Di-n-butylphthalate	18.43	149	1309728	42.063	ng	99
74) Fluoranthene	19.54	202	1547350	45.245	ng	97
76) Benzidine	19.72	184	100241	5.523	ng	96
77) Pyrene	19.90	202	1570574	46.841	ng	95
79) Butylbenzylphthalate	20.76	149	611987	45.777	ng	86
80) Benzo(a)anthracene	21.75	228	1569896	44.728	ng	98
81) 3,3'-Dichlorobenzidine	21.65	252	266367	18.801	ng	99
82) Chrysene	21.82	228	1477954	45.521	ng	95
83) Bis(2-ethylhexyl)phthalate	21.62	149	846089	43.844	ng	99
84) Di-n-octyl phthalate	22.84	149	1421733	45.264	ng	# 95
85) Indeno(1,2,3-cd)pyrene	28.86	276	1692620	42.883	ng	99
87) Benzo(b)fluoranthene	24.02	252	1556637	46.643	ng	99
88) Benzo(k)fluoranthene	24.08	252	1539248	46.531	ng	98
89) Benzo(a)pyrene	24.91	252	1518936	47.909	ng	99
90) Dibenzo(a,h)anthracene	28.91	278	1420796	43.844	ng	97
91) Benzo(g,h,i)perylene	30.04	276	1368416	43.509	ng	98

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

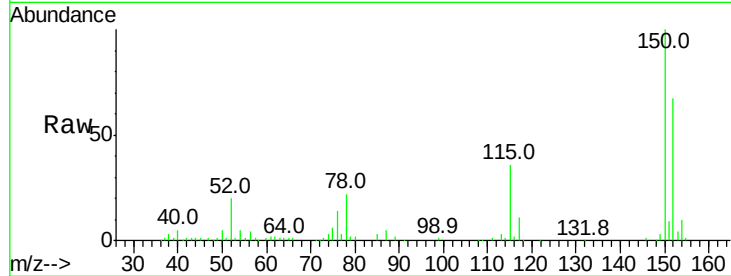


#1

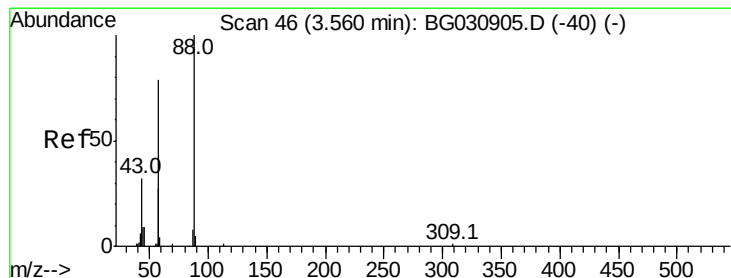
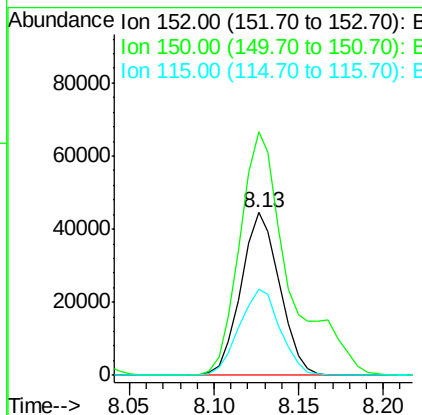
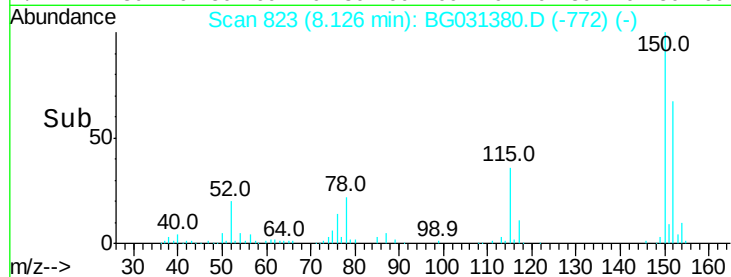
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 71300
 Ion Ratio Lower Upper
 152 100
 150 149.5 126.6 189.8
 115 53.3 53.0 79.4



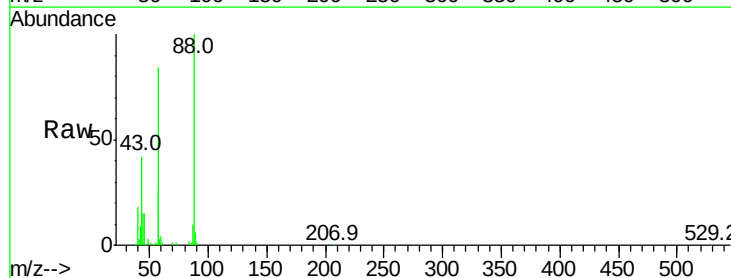
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



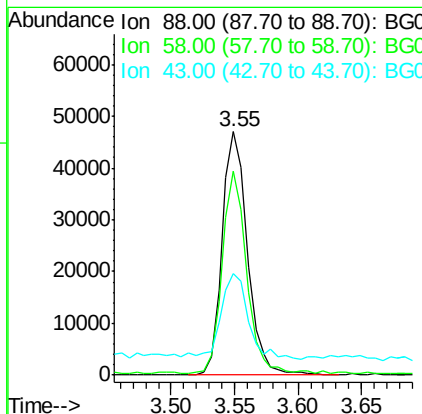
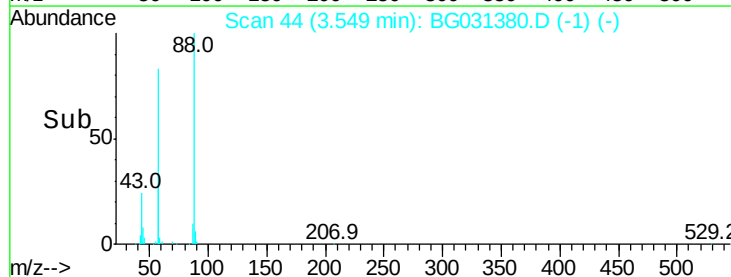
#2

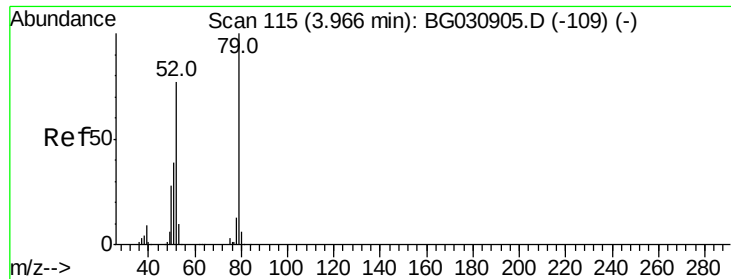
1,4-Dioxane
 Concen: 38.679 ng
 RT: 3.55 min Scan# 44
 Delta R.T. 0.01 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion: 88 Resp: 65265
 Ion Ratio Lower Upper
 88 100
 58 80.5 79.6 119.4
 43 38.6 27.4 41.0



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





#3

Pvridine

Concen: 28.642 ng

RT: 3.96 min Scan# 114

Delta R.T. 0.02 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

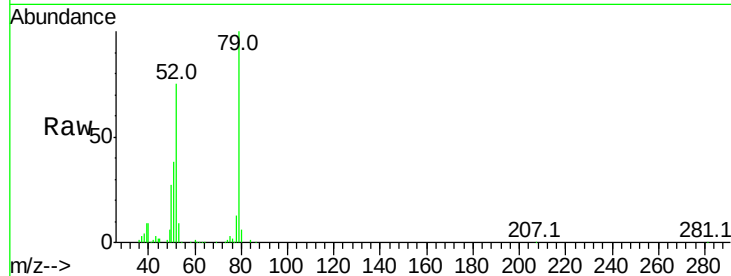
Tot Ion: 79 Resp: 140305

Ion Ratio Lower Upper

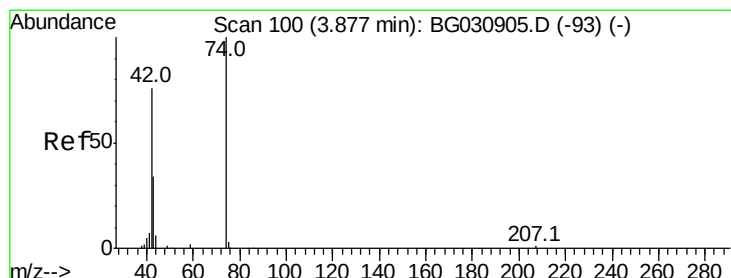
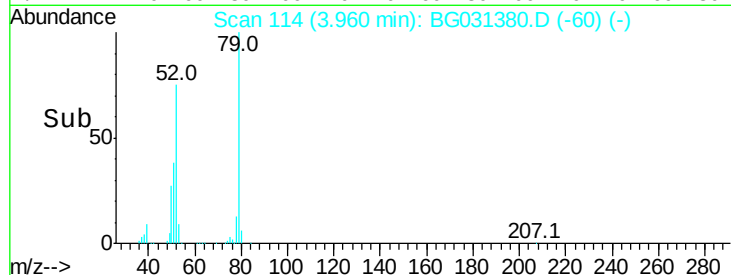
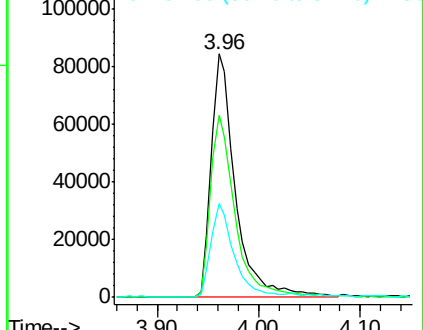
79 100

52 75.0 69.9 104.9

51 38.5 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 40.322 ng

RT: 3.87 min Scan# 98

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

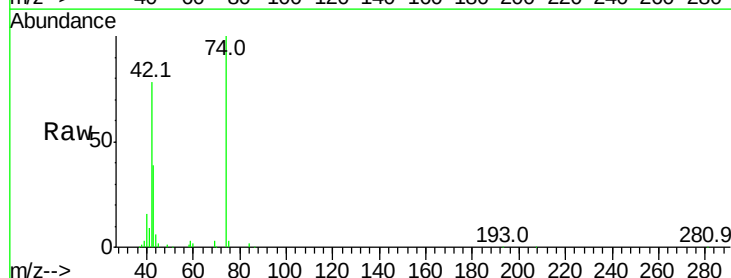
Tgt Ion: 42 Resp: 93613

Ion Ratio Lower Upper

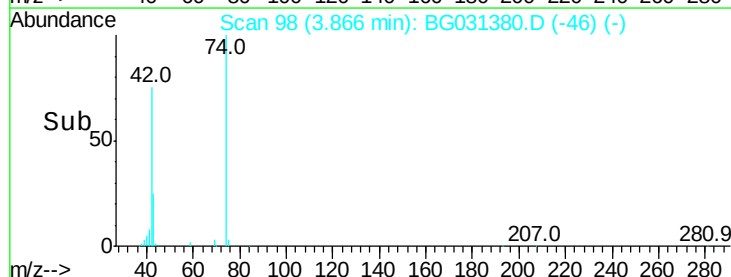
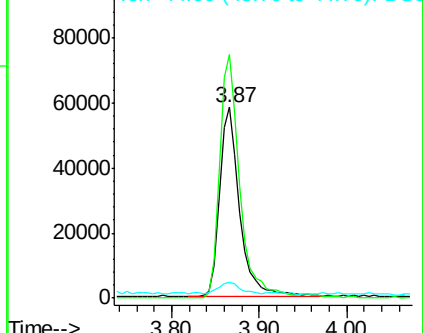
42 100

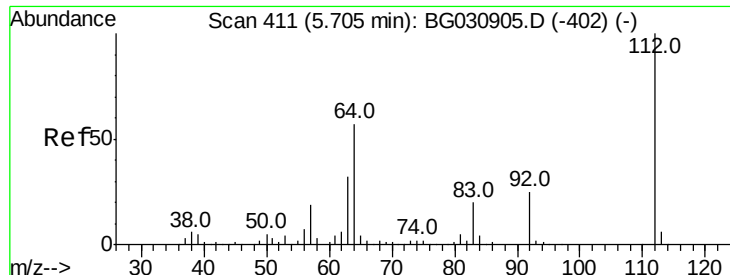
74 127.6 102.5 153.7

44 8.2 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 136.327 ng

RT: 5.69 min Scan# 409

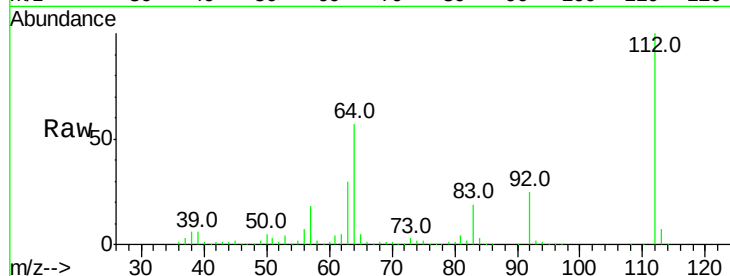
Delta R.T. 0.01 min

Lab File: BG031380.D

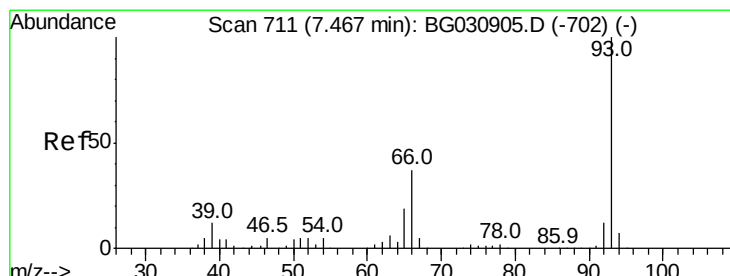
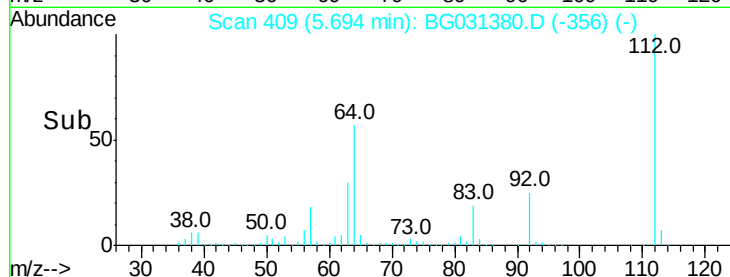
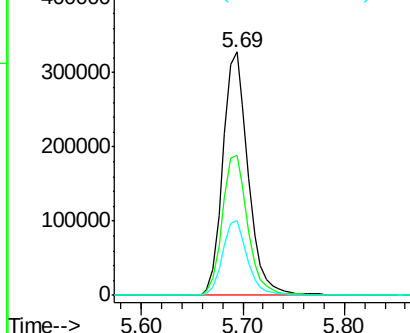
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	112	Resp:	566850
Ion	Ratio	Lower	Upper
112	100		
64	57.4	56.3	84.5
63	30.5	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: 13.044 ng

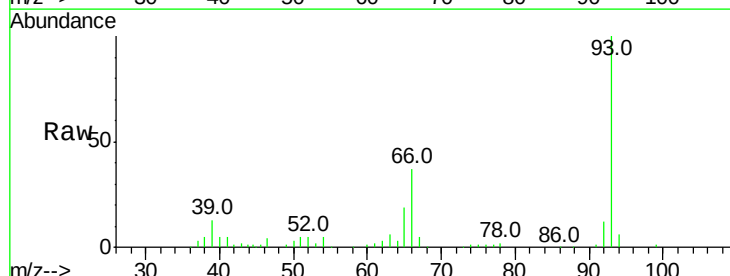
RT: 7.45 min Scan# 708

Delta R.T. 0.00 min

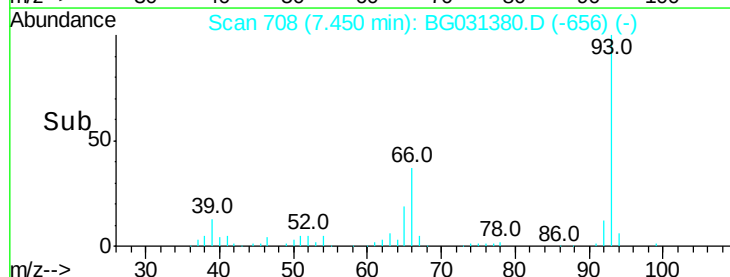
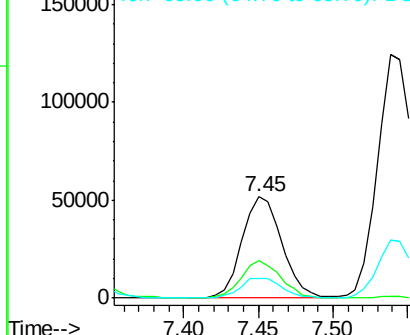
Lab File: BG031380.D

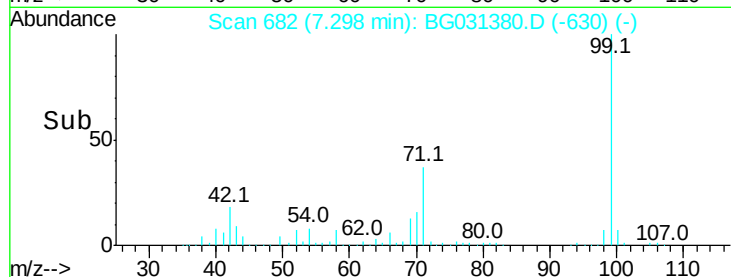
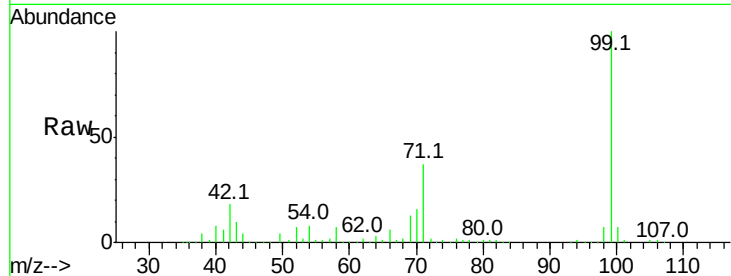
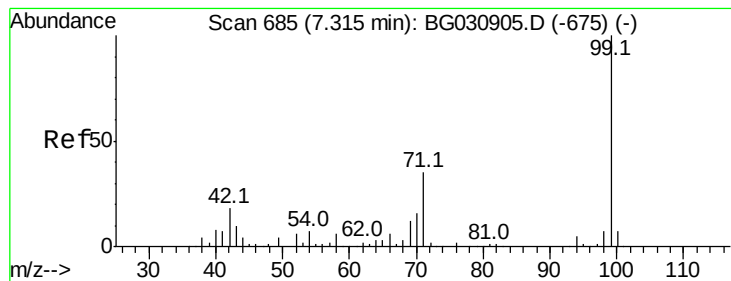
Acq: 6 Dec 2017 20:50

Tgt Ion:	93	Resp:	96162
Ion	Ratio	Lower	Upper
93	100		
66	37.1	33.7	50.5
65	19.0	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.824 ng

RT: 7.30 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

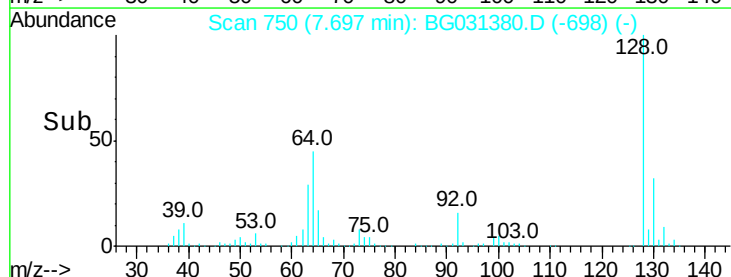
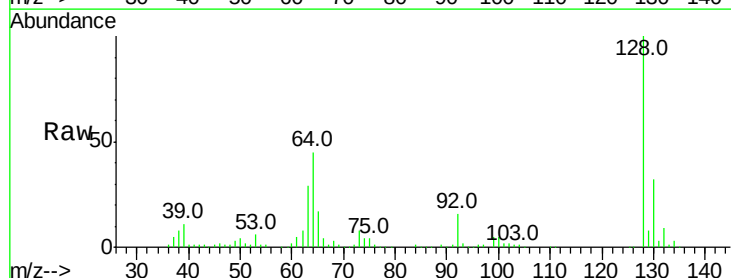
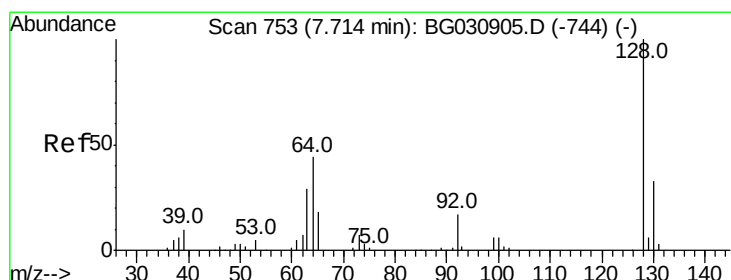
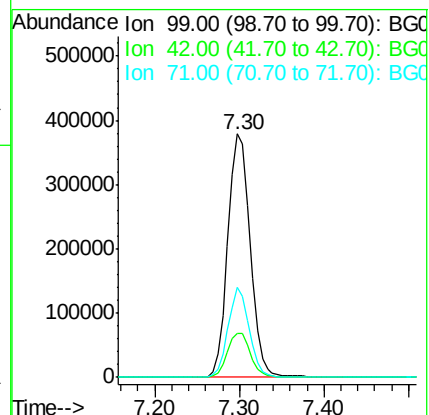
Tot Ion: 99 Resp: 693629

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 36.8 26.1 39.1



#8

2-Chlorophenol

Concen: 47.034 ng

RT: 7.70 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

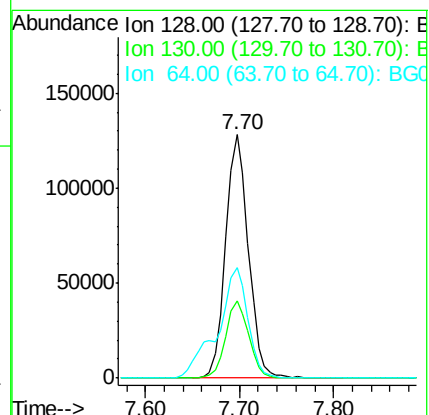
Tgt Ion: 128 Resp: 215819

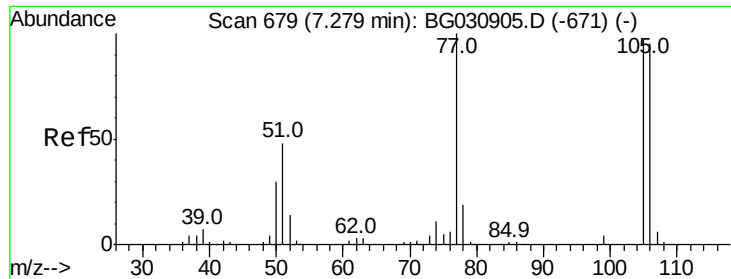
Ion Ratio Lower Upper

128 100

130 31.6 14.0 54.0

64 45.4 37.7 77.7





#9

Benzaldehyde

Concen: 16.264 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampled :

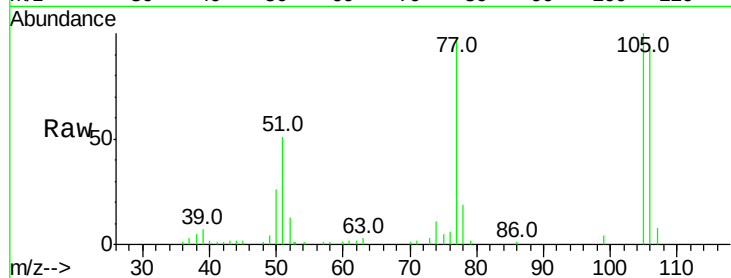
Tot Ion: 77 Resp: 63755

Ion Ratio Lower Upper

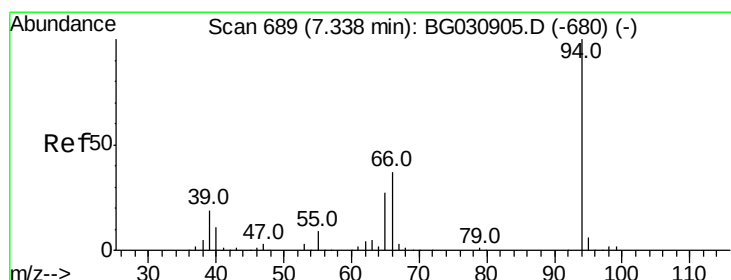
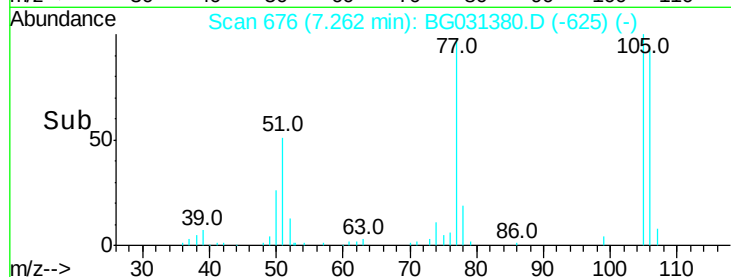
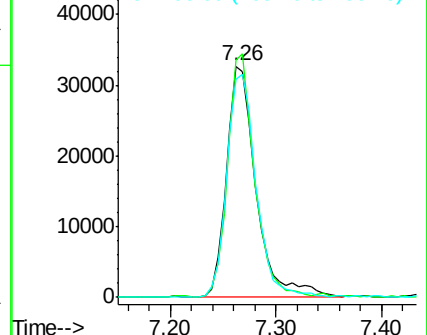
77 100

105 102.4 71.3 111.3

106 94.1 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: 42.503 ng

RT: 7.33 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

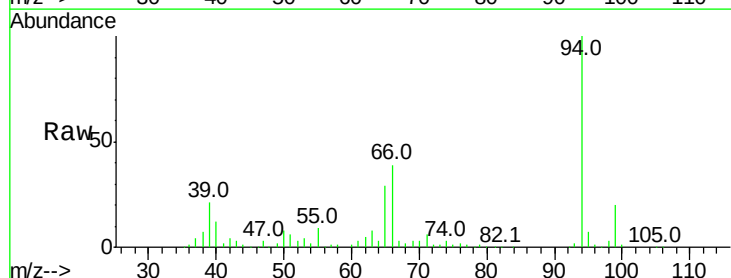
Tgt Ion: 94 Resp: 247260

Ion Ratio Lower Upper

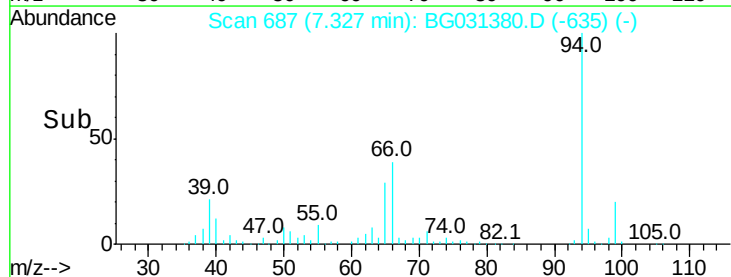
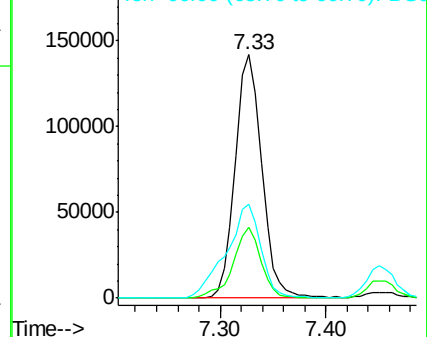
94 100

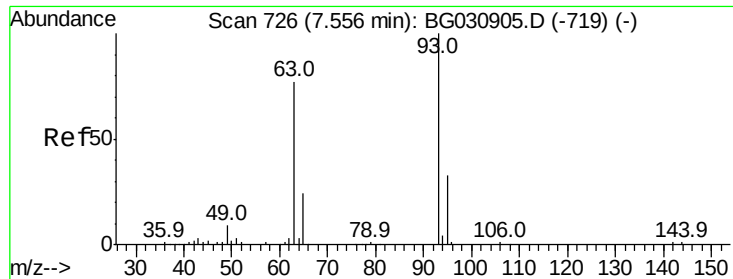
65 28.8 11.9 51.9

66 38.5 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: 43.866 ng

RT: 7.54 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

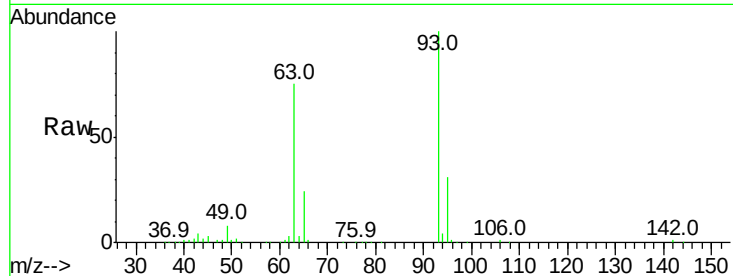
Tot Ion: 93 Resp: 203754

Ion Ratio Lower Upper

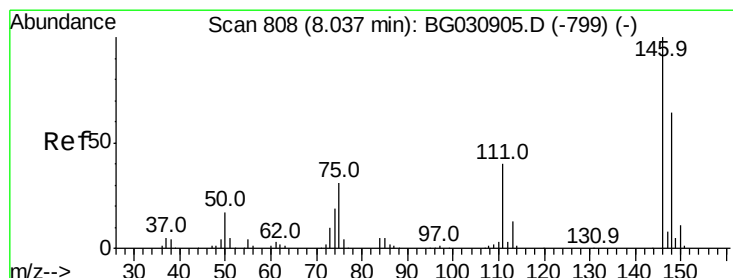
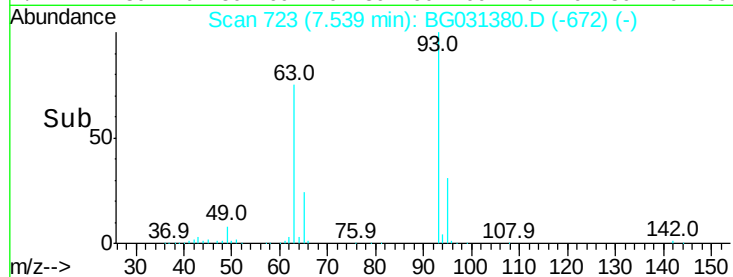
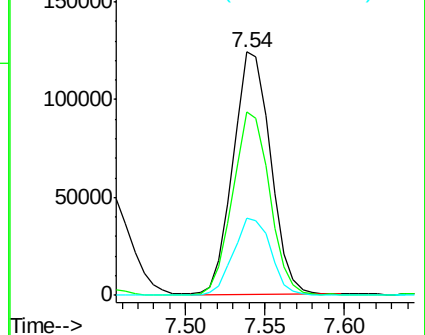
93 100

63 75.5 67.1 107.1

95 31.5 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 43.002 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

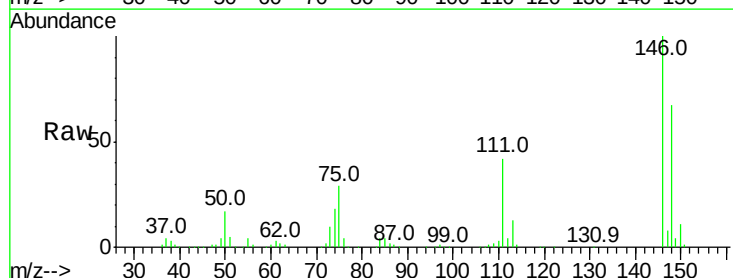
Tgt Ion: 146 Resp: 231509

Ion Ratio Lower Upper

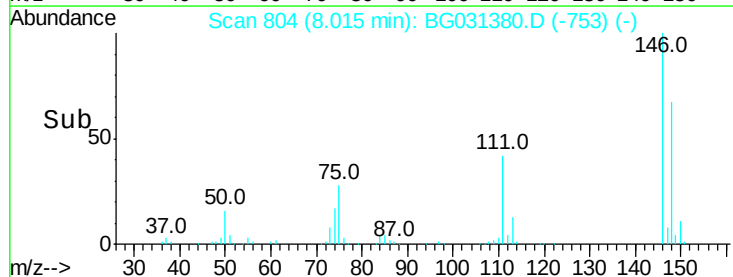
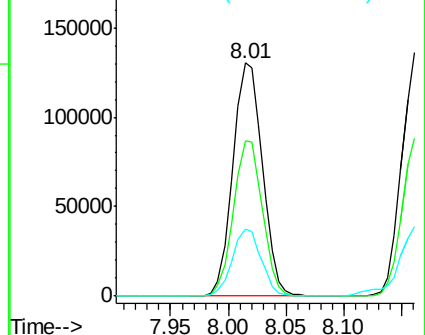
146 100

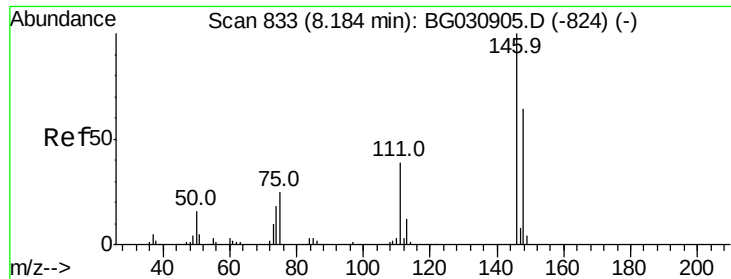
148 66.6 51.4 77.2

75 29.0 26.6 39.8



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

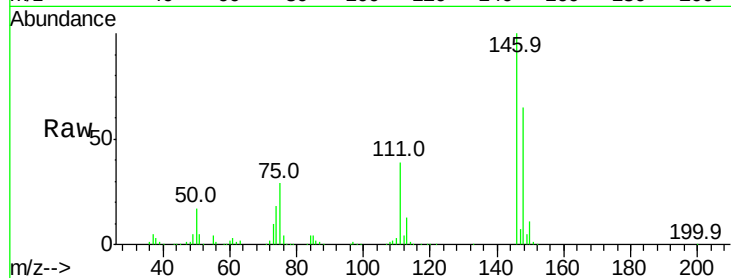




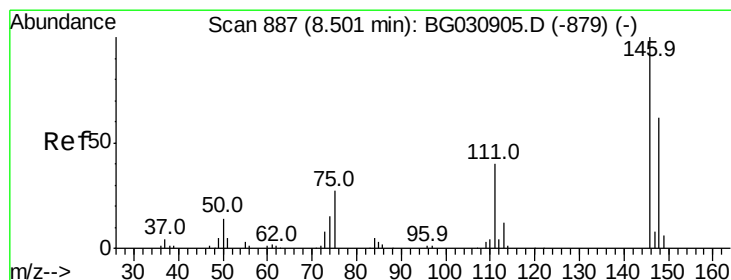
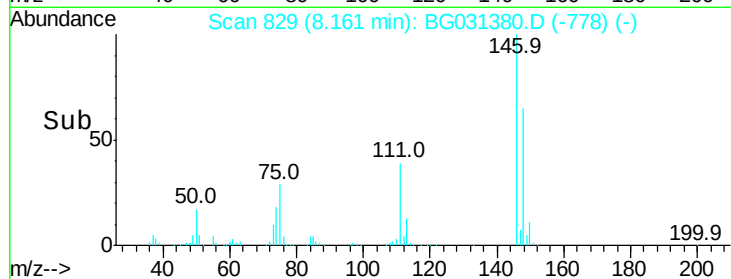
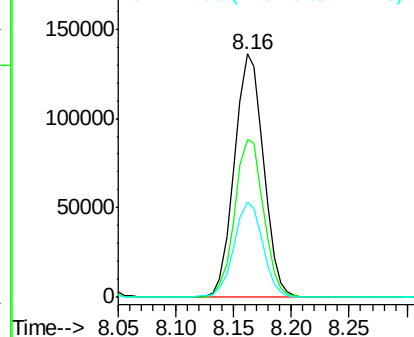
#13
 1,4-Dichlorobenzene
 Concen: 43.562 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 237651
 Ion Ratio Lower Upper
 146 100
 148 64.8 53.7 80.5
 111 39.2 35.2 52.8

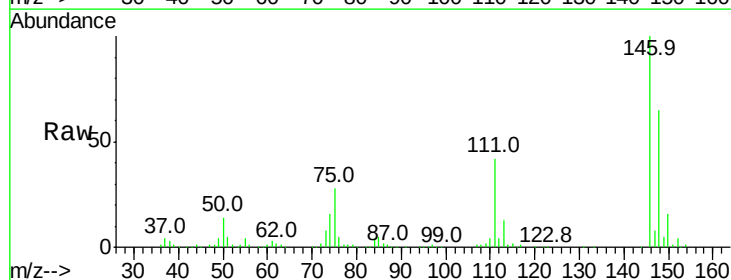


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

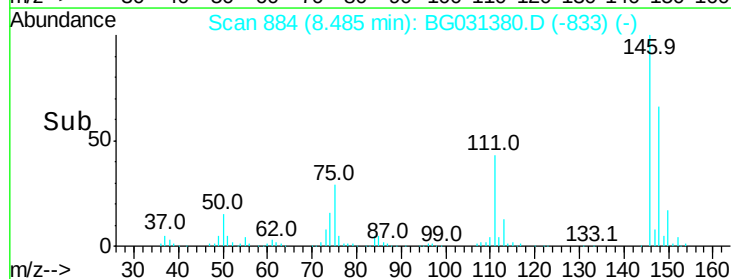
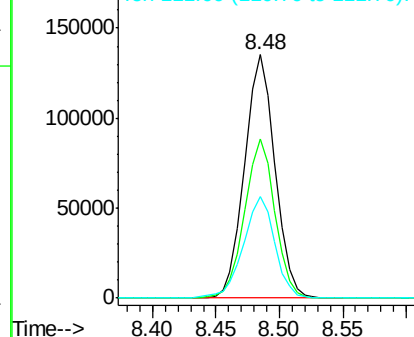


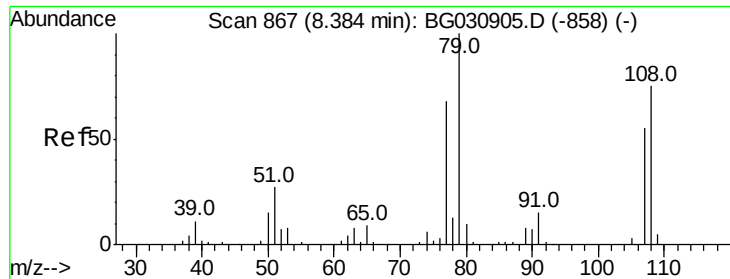
#14
 1,2-Dichlorobenzene
 Concen: 42.940 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion:146 Resp: 224847
 Ion Ratio Lower Upper
 146 100
 148 65.3 49.3 73.9
 111 41.9 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 41.539 ng

RT: 8.37 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

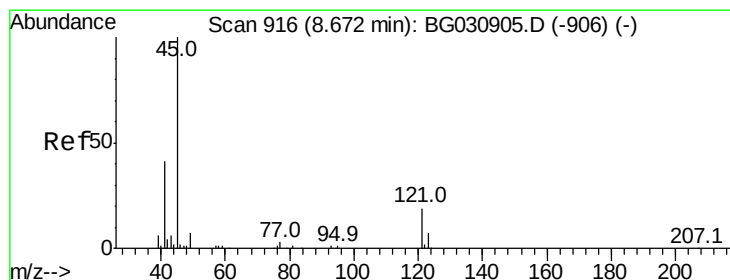
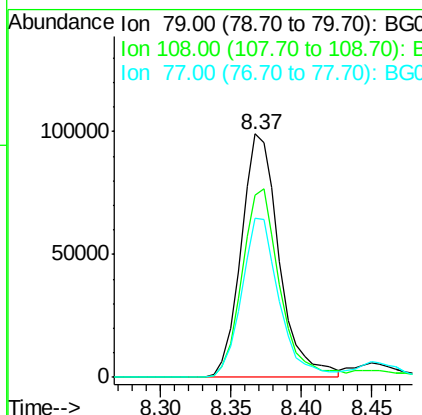
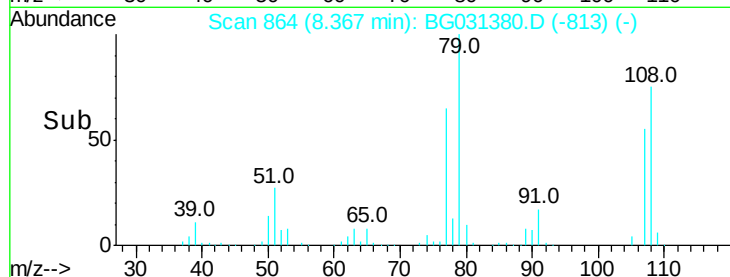
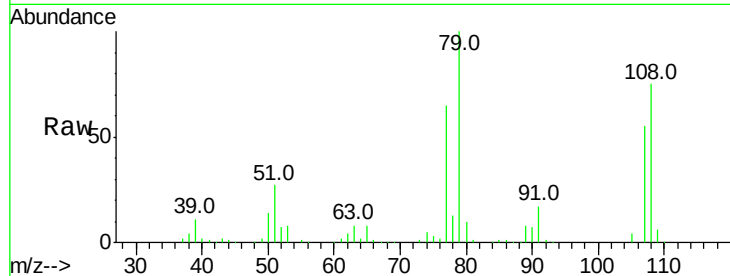
Tot Ion: 79 Resp: 186647

Ion Ratio Lower Upper

79 100

108 74.9 57.2 85.8

77 65.1 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 58.722 ng

RT: 8.65 min Scan# 912

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

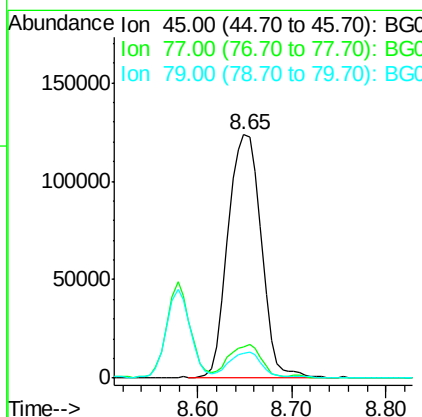
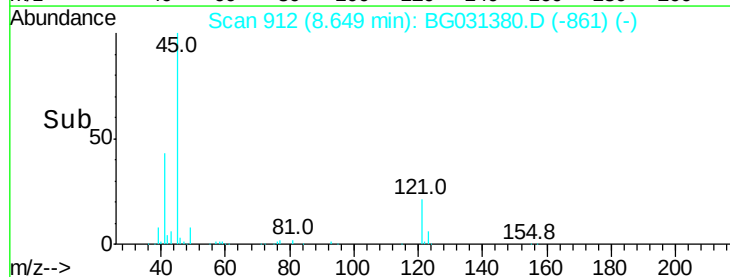
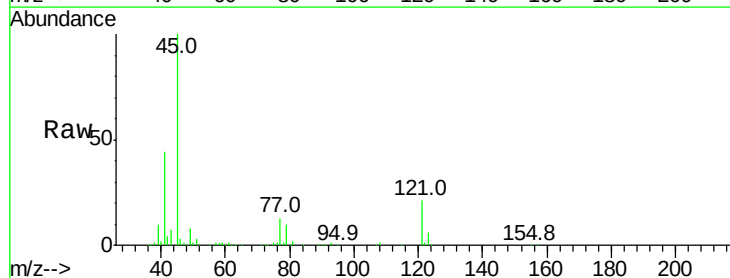
Tgt Ion: 45 Resp: 301280

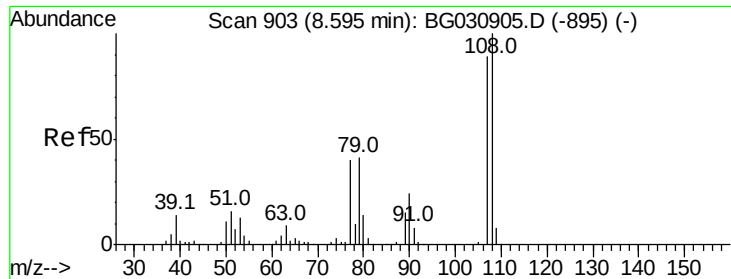
Ion Ratio Lower Upper

45 100

77 12.7 0.0 30.2

79 10.0 0.0 27.9

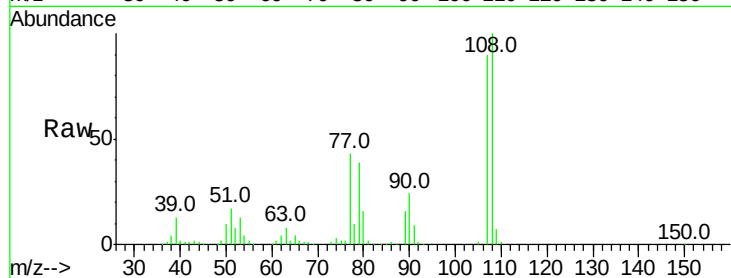




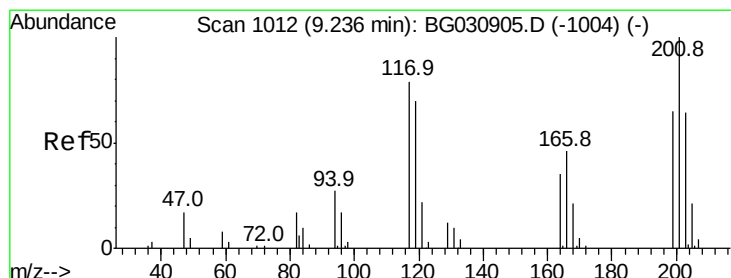
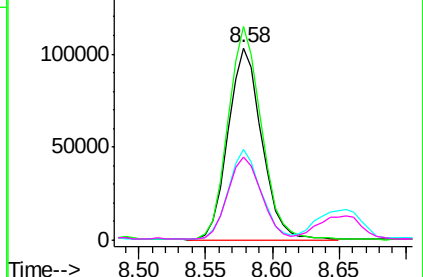
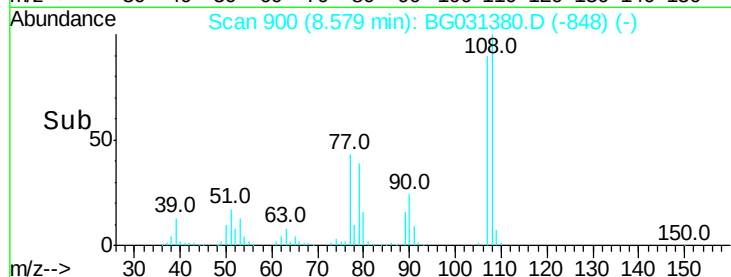
#17
2-Methylphenol
Concen: 44.639 ng
RT: 8.58 min Scan# 900
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 180833
Ion Ratio Lower Upper
107 100
108 111.2 83.9 125.9
77 47.6 37.2 55.8
79 43.6 36.2 54.2

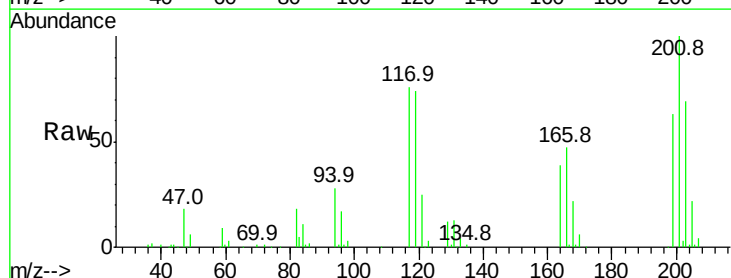


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

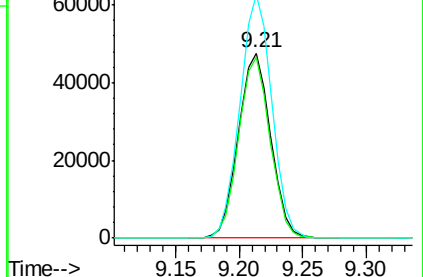
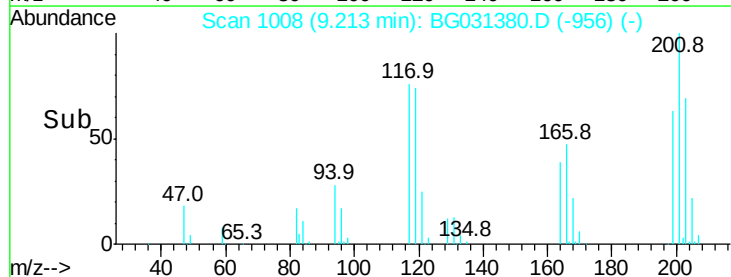


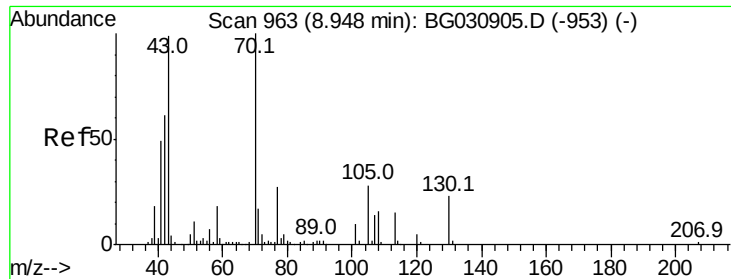
#18
Hexachloroethane
Concen: 44.382 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion:117 Resp: 84271
Ion Ratio Lower Upper
117 100
119 98.0 76.7 115.1
201 131.6 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

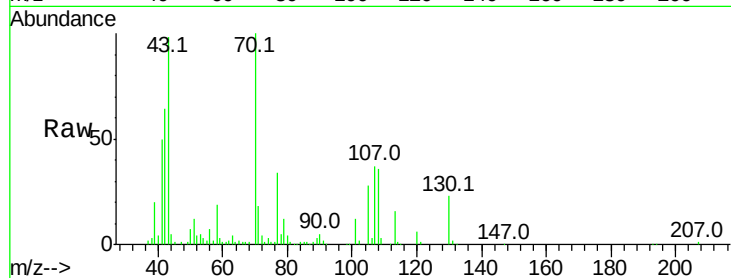




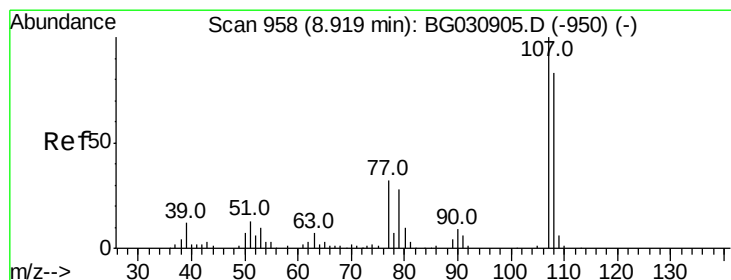
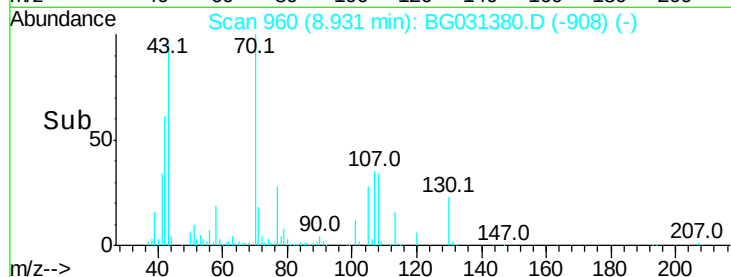
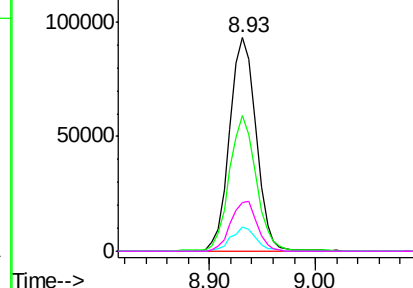
#19
n-Nitroso-di-n-propylamine
Concen: 38.026 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampled :

Tot Ion: 70 Resp: 161963
Ion Ratio Lower Upper
70 100
42 63.8 49.1 73.7
101 11.5 8.5 12.7
130 22.7 13.4 20.0#

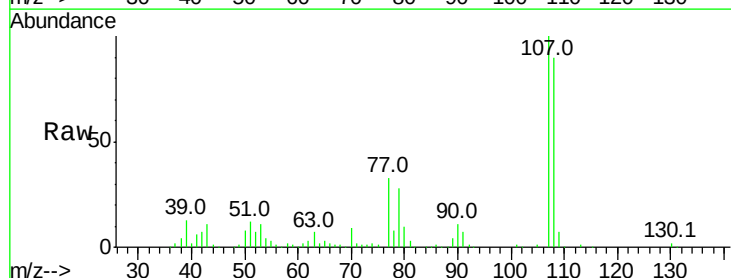


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

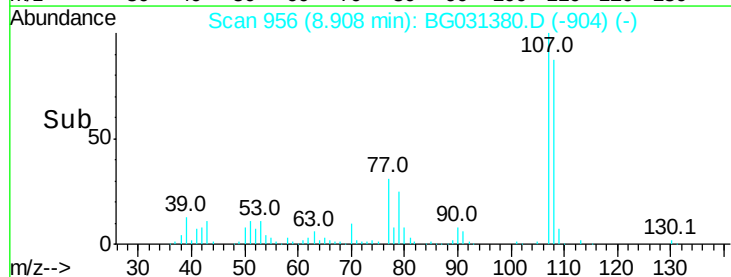
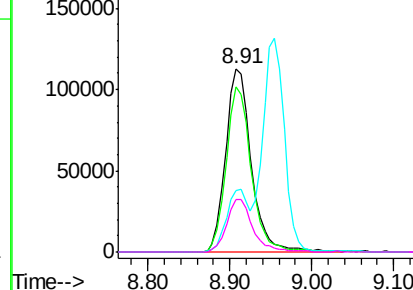


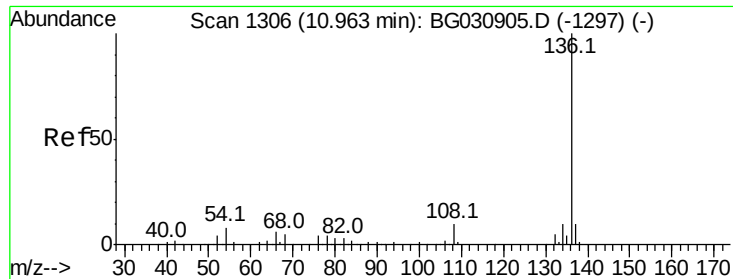
#20
3+4-Methylphenols
Concen: 42.953 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion: 107 Resp: 247423
Ion Ratio Lower Upper
107 100
108 90.2 61.6 101.6
77 33.4 13.9 53.9
79 28.4 8.8 48.8



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 305480

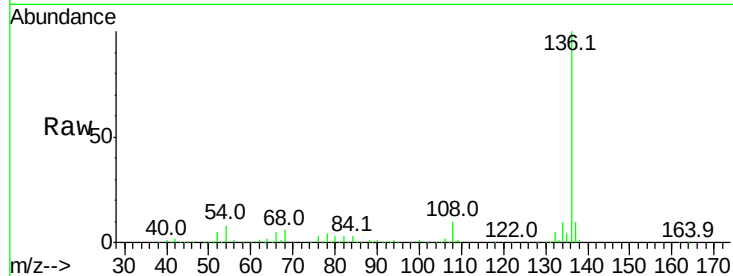
Ion Ratio Lower Upper

136 100

137 10.4 9.2 13.8

54 7.6 10.3 15.5#

68 6.0 4.5 6.7

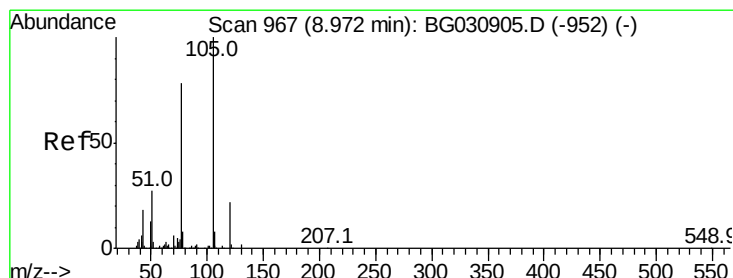
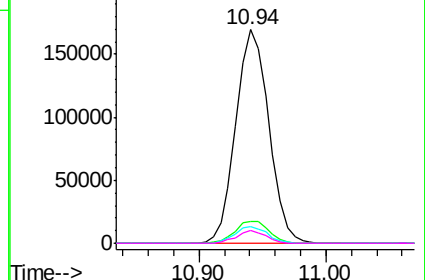
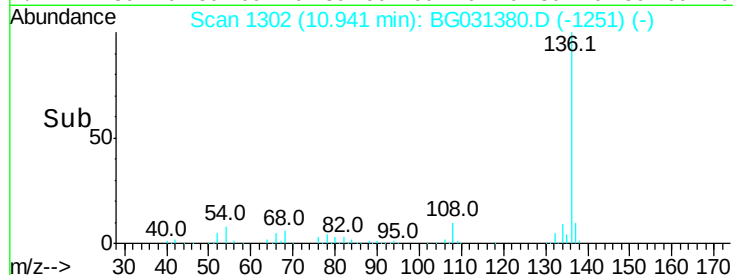


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.138 ng

RT: 8.95 min Scan# 964

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:105 Resp: 312904

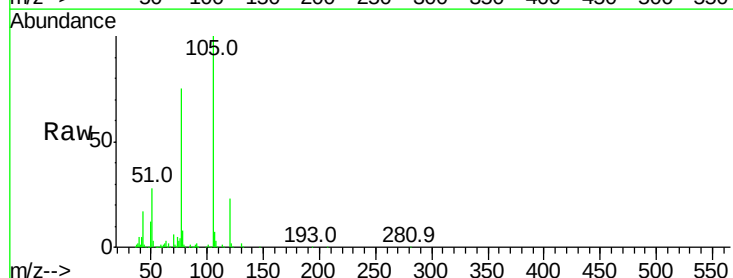
Ion Ratio Lower Upper

105 100

71 1.3 3.0 4.4#

51 27.7 26.1 39.1

120 23.3 17.4 26.2

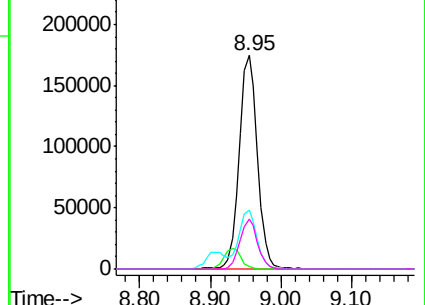
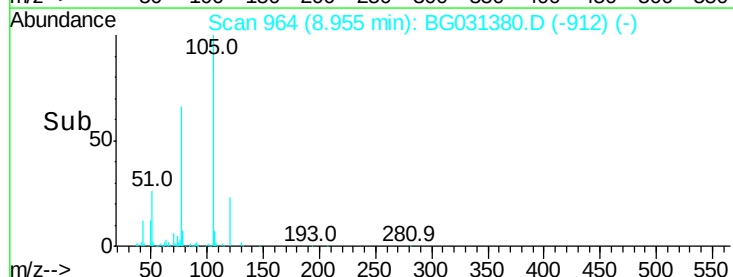


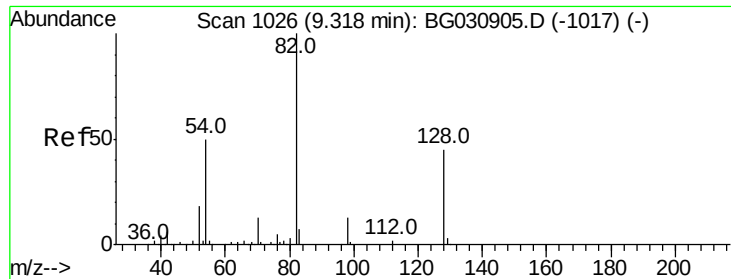
Abundance Ion 105.00 (104.70 to 105.70): E

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

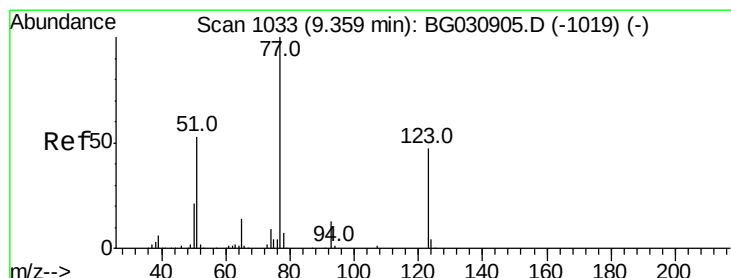
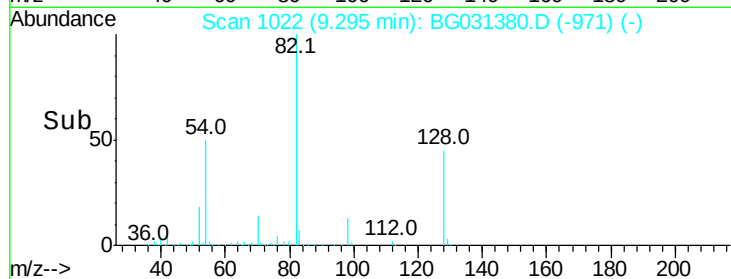
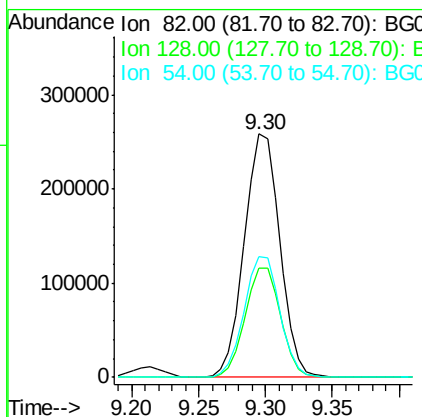
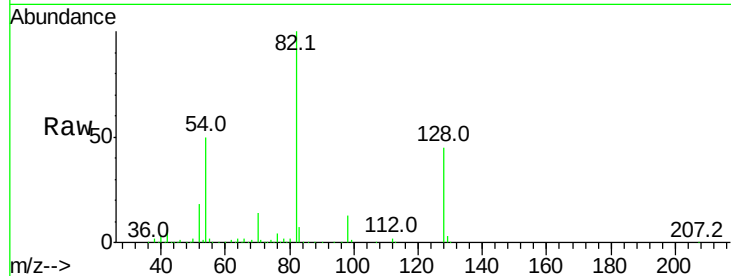




#23
 Nitrobenzene-d5
 Concen: 91.670 ng
 RT: 9.30 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

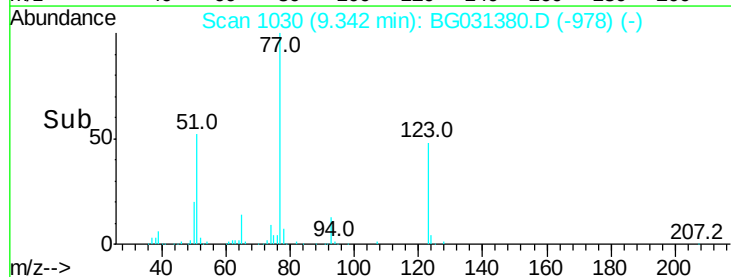
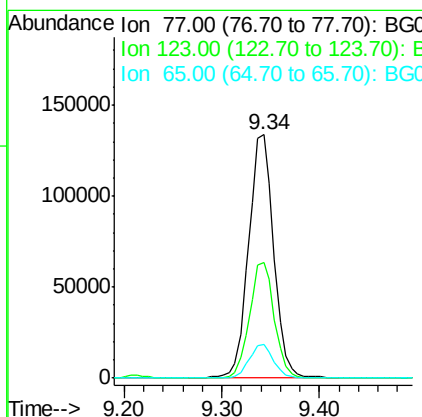
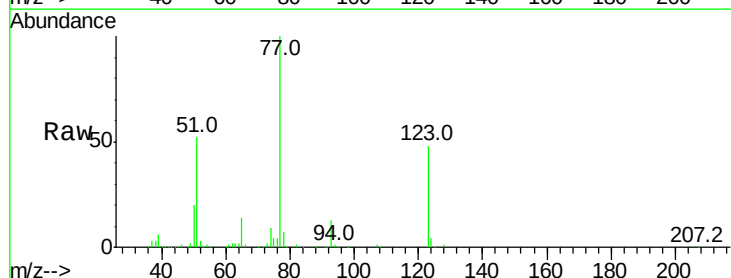
Instrument :
 BNA_G
 ClientSampleId :

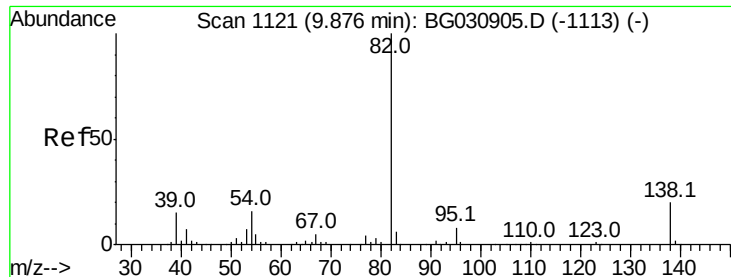
Tot Ion: 82 Resp: 472582
 Ion Ratio Lower Upper
 82 100
 128 45.0 29.7 44.5#
 54 49.7 43.1 64.7



#24
 Nitrobenzene
 Concen: 46.031 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion: 77 Resp: 242400
 Ion Ratio Lower Upper
 77 100
 123 47.5 33.0 49.6
 65 13.7 13.0 19.6





#25

Isophorone

Concen: 45.295 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

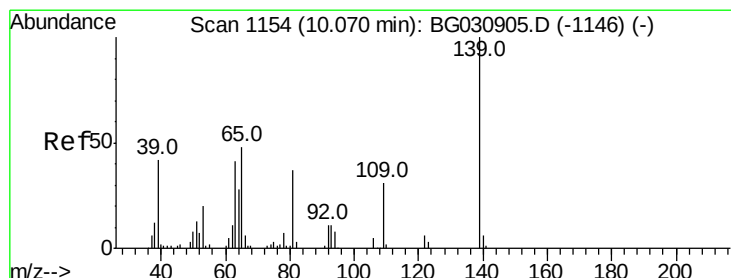
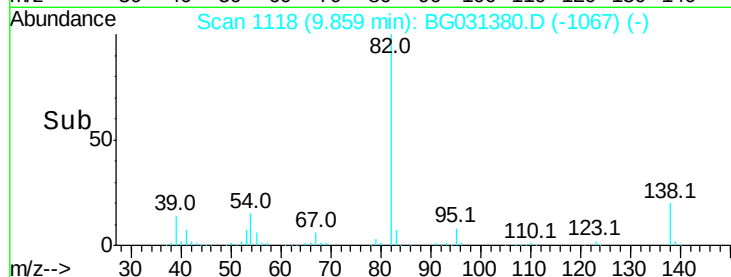
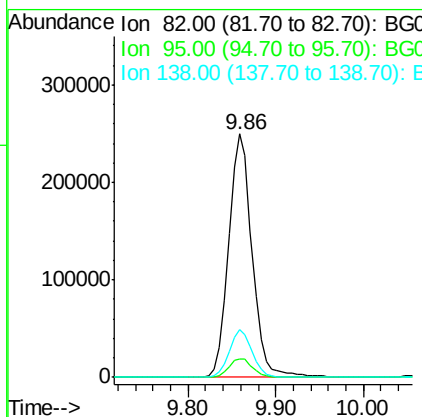
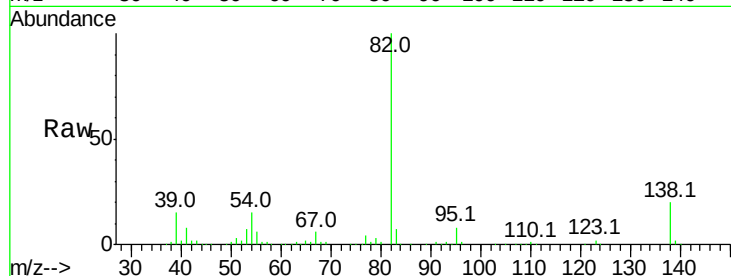
Tot Ion: 82 Resp: 455403

Ion Ratio Lower Upper

82 100

95 7.6 6.2 9.2

138 19.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 46.103 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

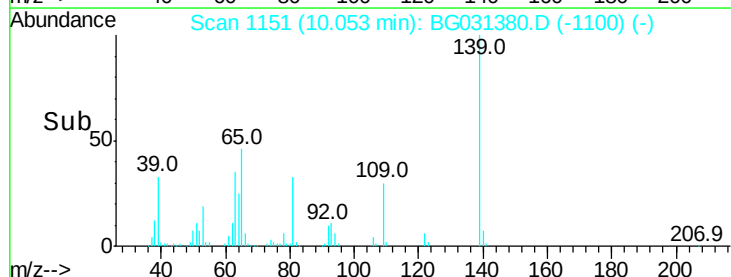
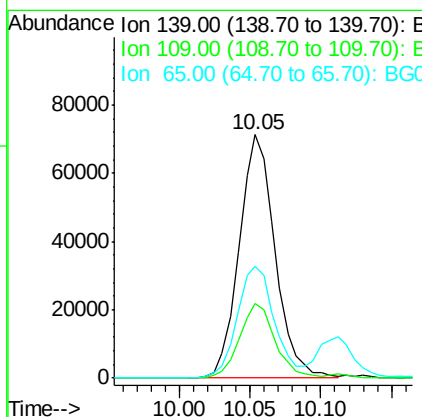
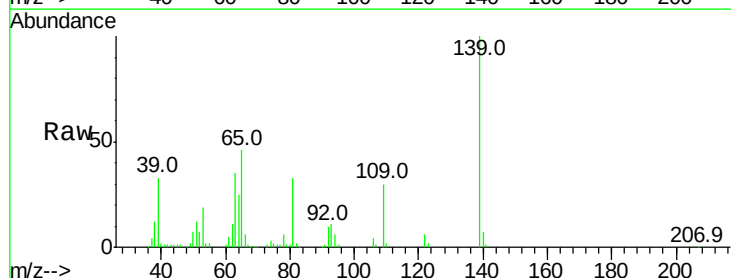
Tgt Ion:139 Resp: 126548

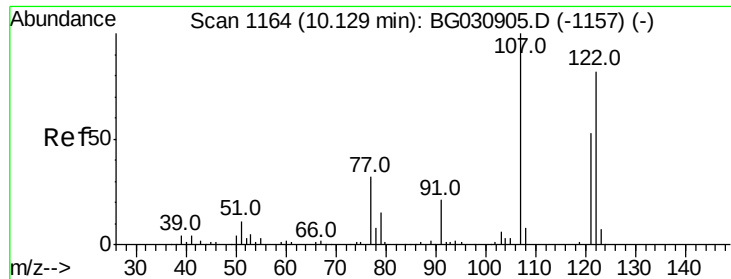
Ion Ratio Lower Upper

139 100

109 30.4 24.2 36.2

65 45.9 47.4 71.0#

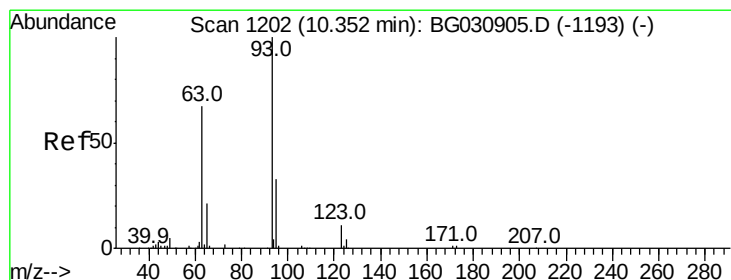
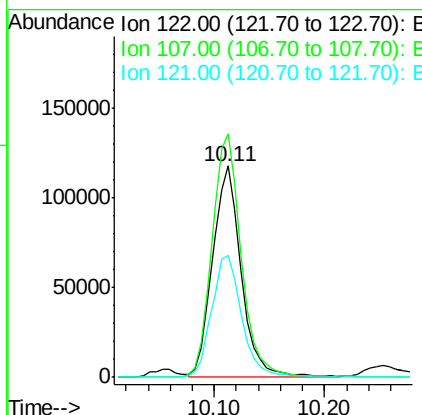
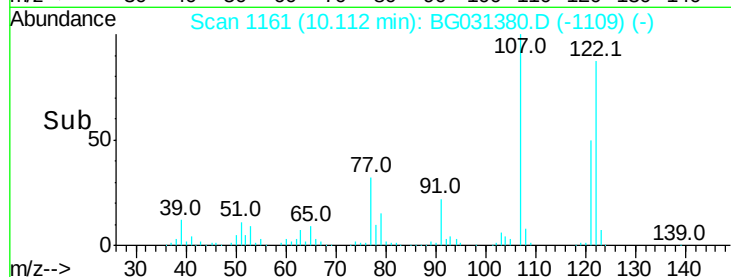
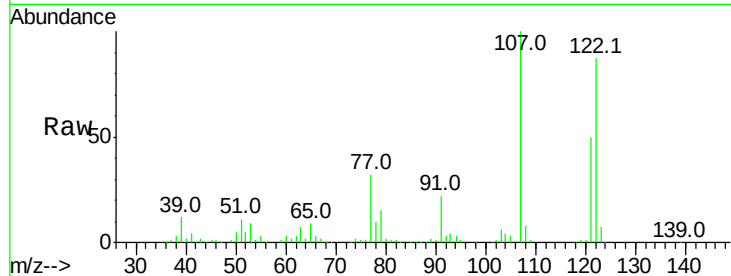




#27
2,4-Dimethylphenol
Concen: 51.098 ng
RT: 10.11 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

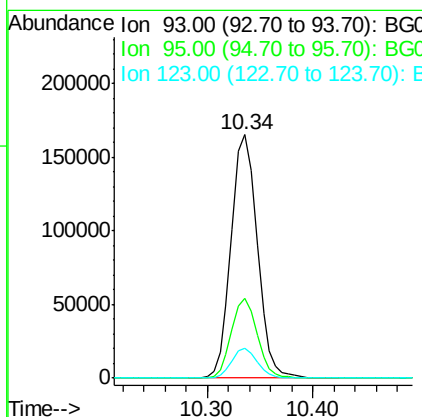
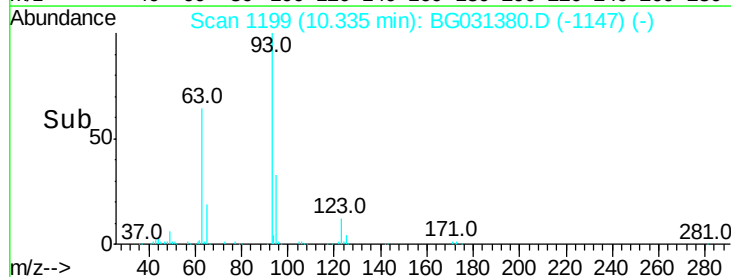
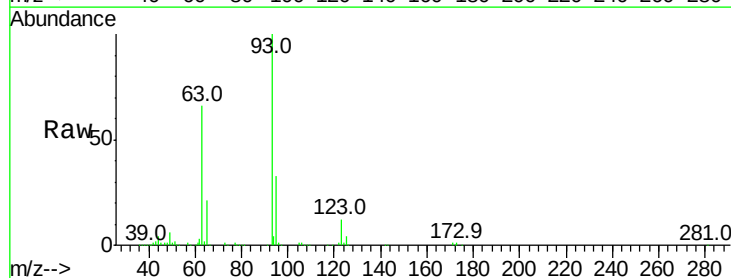
Instrument :
BNA_G
ClientSampleId :

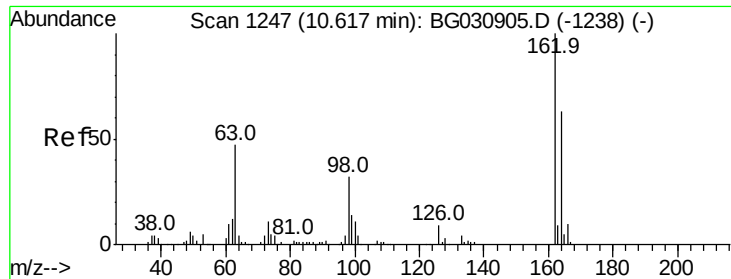
Tot Ion:122 Resp: 208226
Ion Ratio Lower Upper
122 100
107 115.1 100.2 150.2
121 57.7 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.942 ng
RT: 10.34 min Scan# 1199
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion: 93 Resp: 284588
Ion Ratio Lower Upper
93 100
95 32.9 24.3 36.5
123 12.1 8.4 12.6

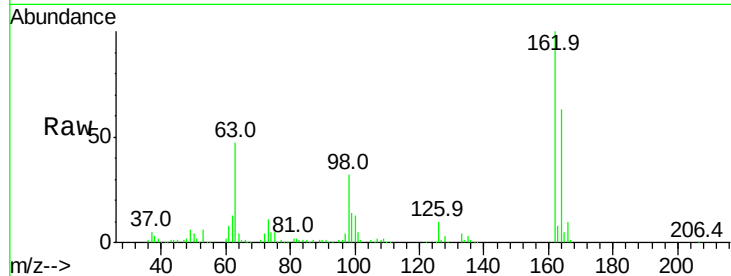




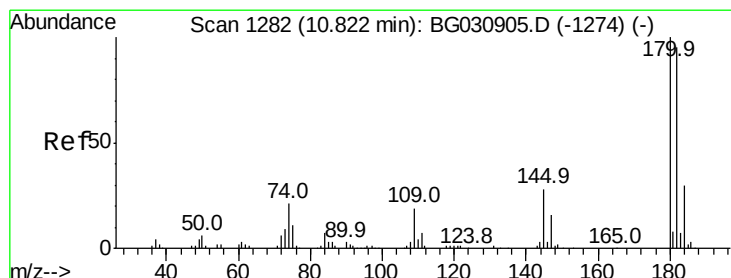
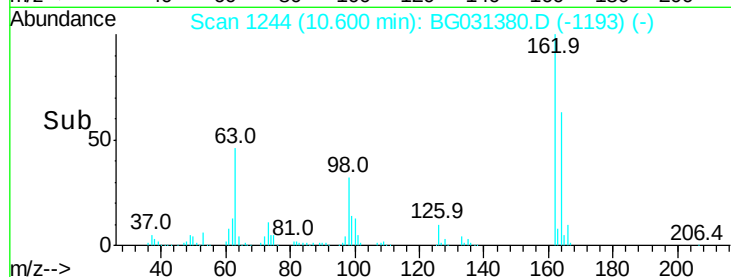
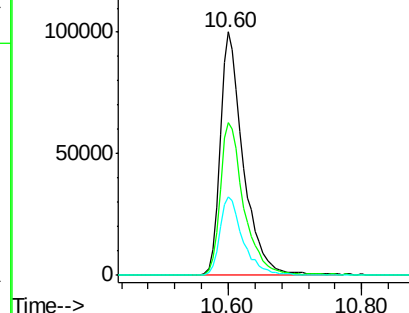
#29
 2,4-Dichlorophenol
 Concen: 49.743 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	48.0	88.0
98	32.2	21.1	61.1

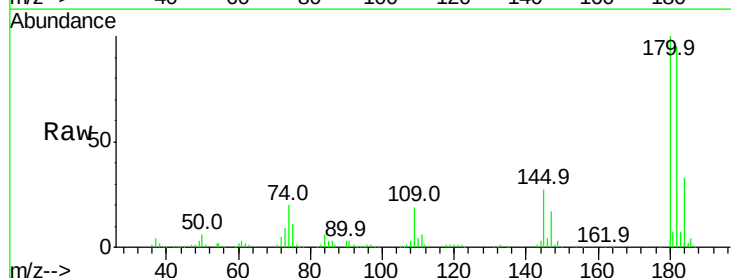


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

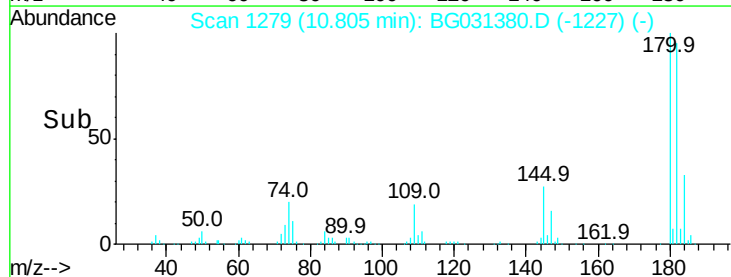
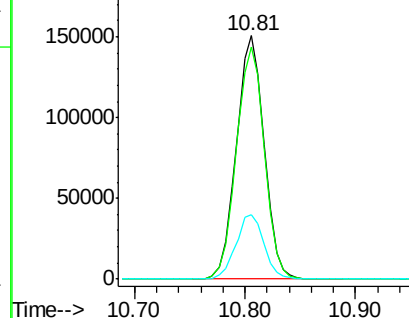


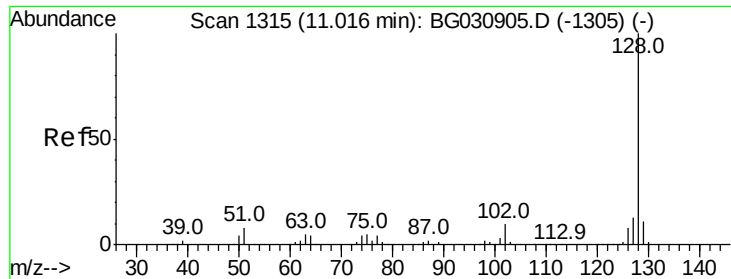
#30
 1,2,4-Trichlorobenzene
 Concen: 45.534 ng
 RT: 10.81 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.5	116.3
145	26.6	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

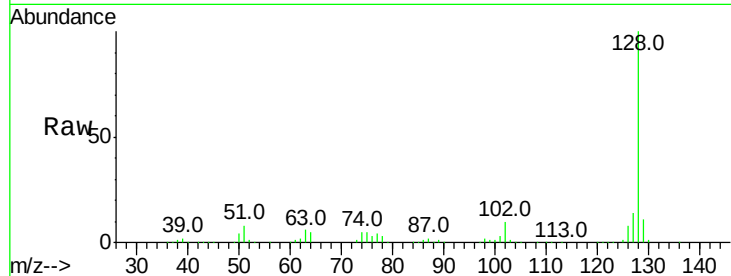




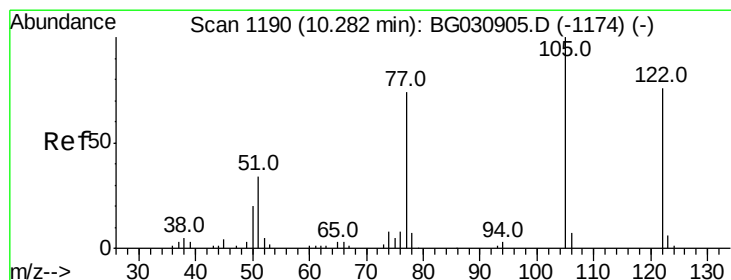
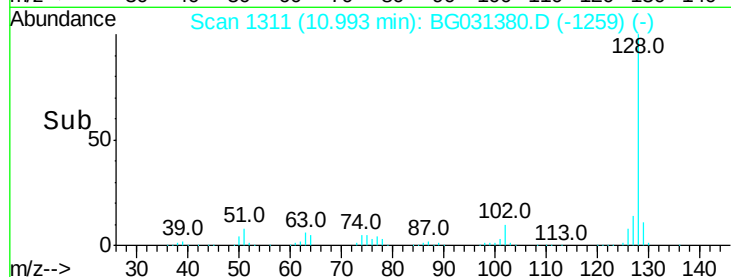
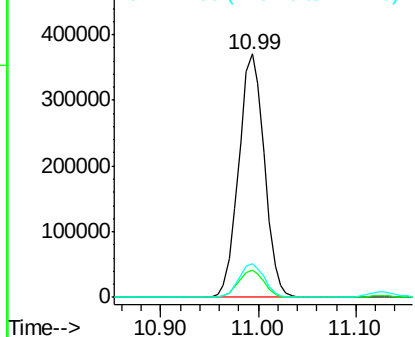
#31
Naphthalene
Concen: 44.885 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 674038
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.6 11.6 17.4

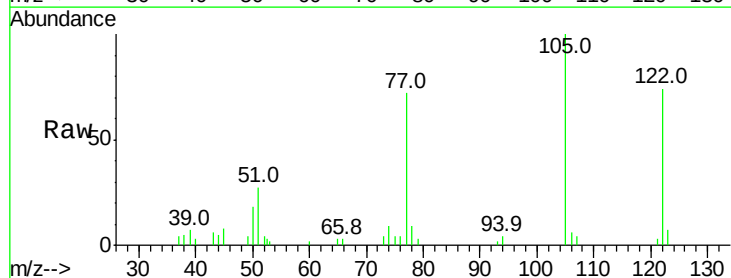


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

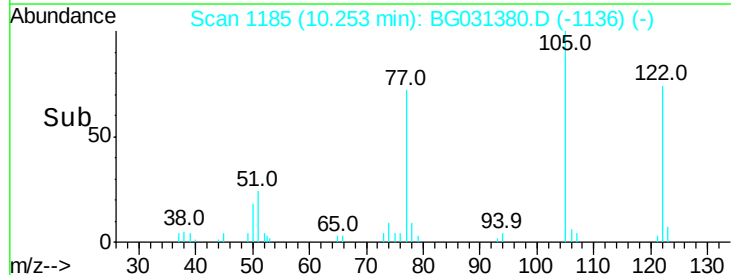
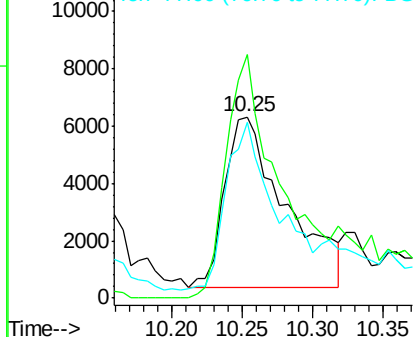


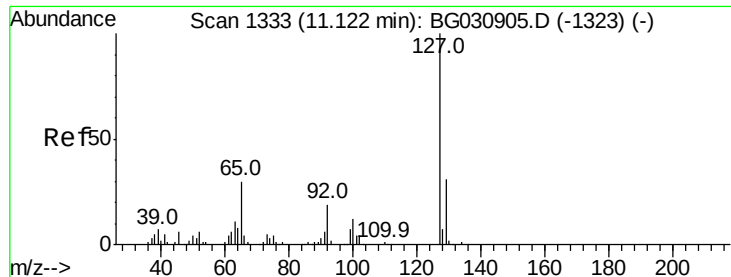
#32
Benzoic acid
Concen: 10.350 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion:122 Resp: 18042
Ion Ratio Lower Upper
122 100
105 134.5 123.5 163.5
77 96.9 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

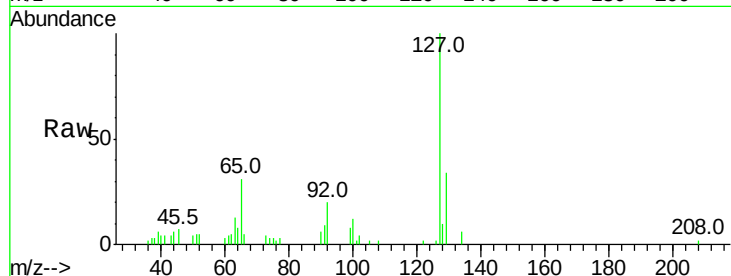




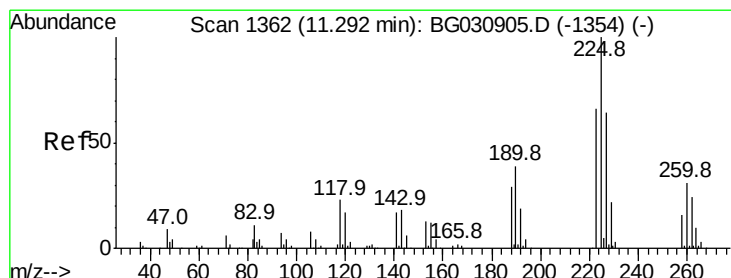
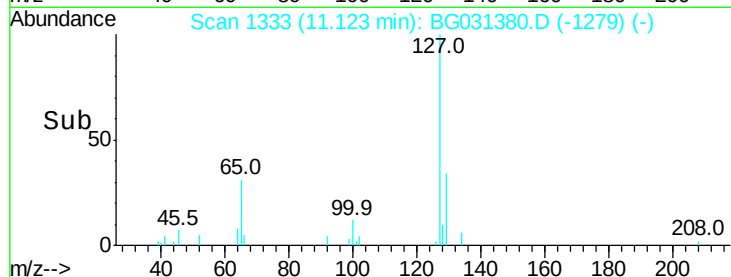
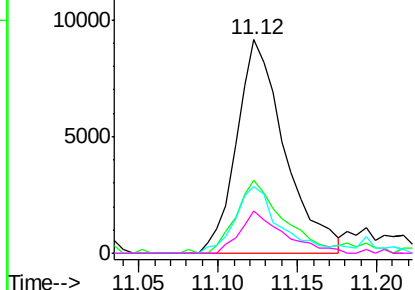
#33
4-Chloroaniline
Concen: 2.929 ng
RT: 11.12 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	19257
Ion Ratio	Lower	Upper
127	100	
129	34.2	24.0 36.0
65	31.2	27.0 40.4
92	19.7	16.6 25.0

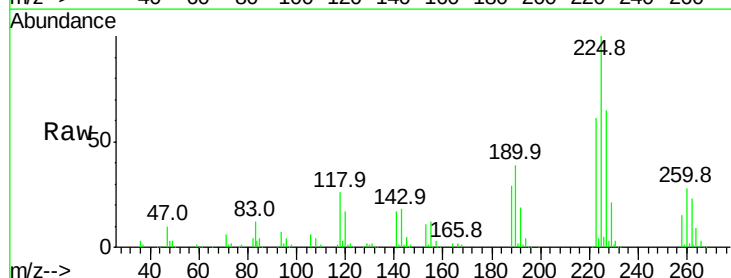


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

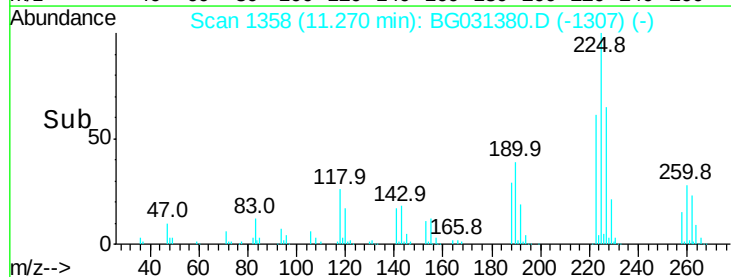
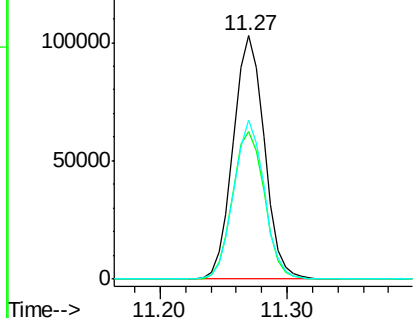


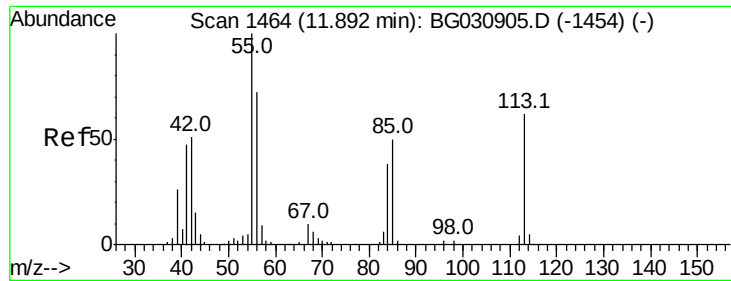
#34
Hexachlorobutadiene
Concen: 43.087 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion:225	Resp:	174577
Ion Ratio	Lower	Upper
225	100	
223	60.8	49.7 74.5
227	65.2	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: 33.205 ng

RT: 11.89 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampled :

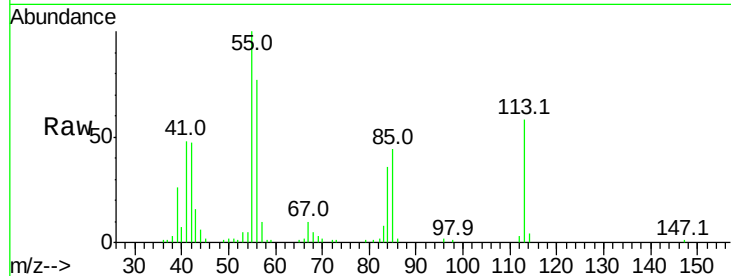
Tot Ion:113 Resp: 66377

Ion Ratio Lower Upper

113 100

55 173.0 186.9 226.9#

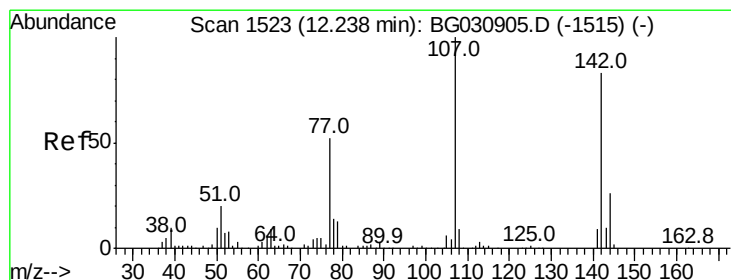
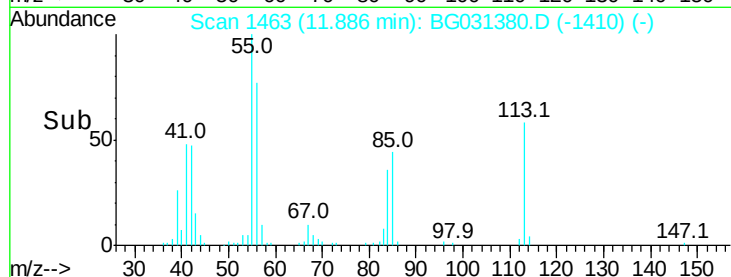
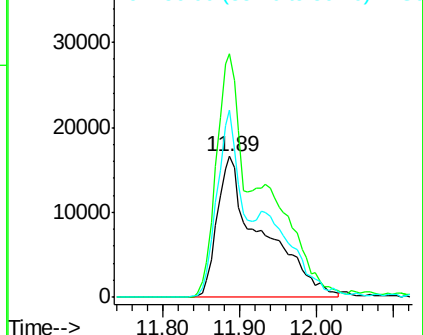
56 133.2 130.9 170.9



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: 46.331 ng

RT: 12.23 min Scan# 1521

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

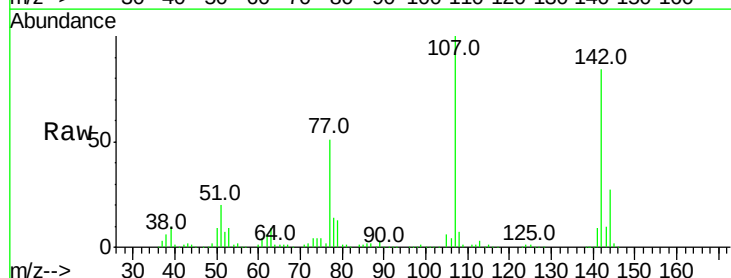
Tgt Ion:107 Resp: 246757

Ion Ratio Lower Upper

107 100

144 26.8 18.2 27.4

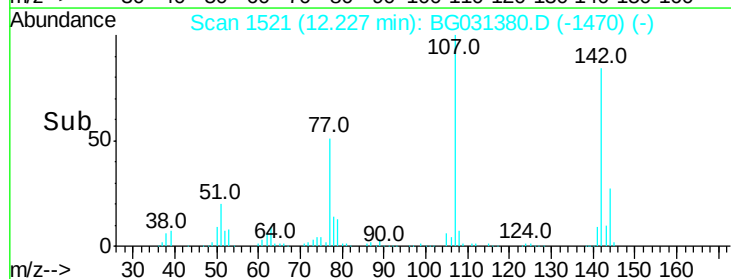
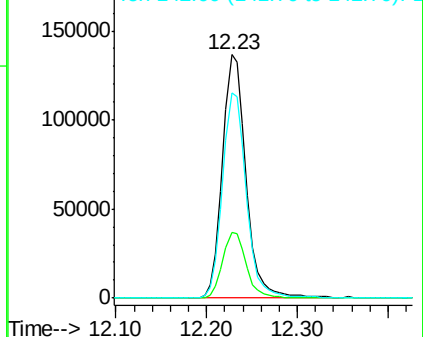
142 84.1 59.0 88.4

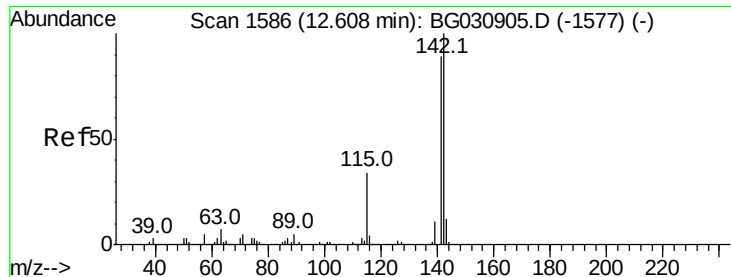


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

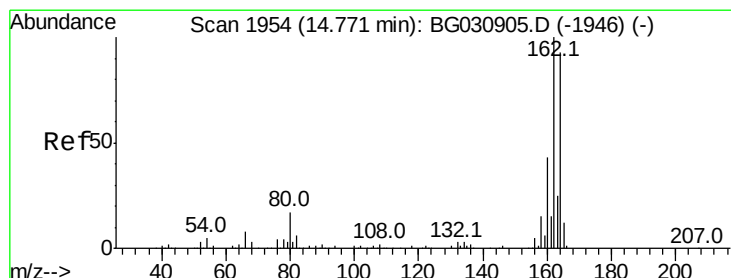
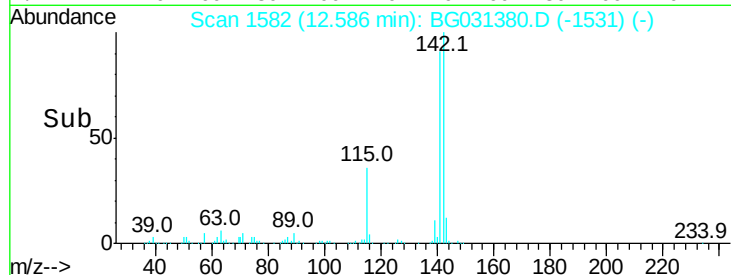
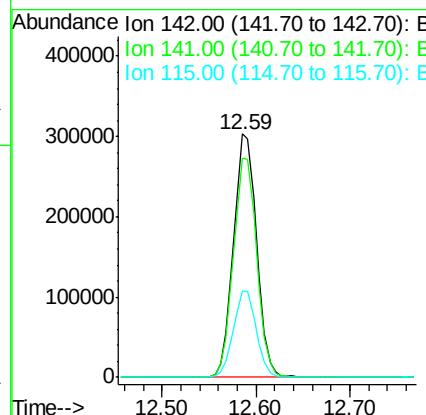
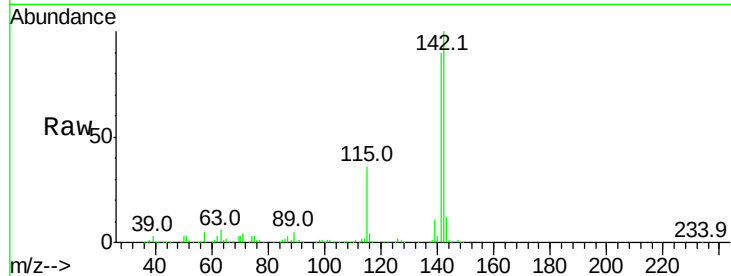




#37
2-Methylnaphthalene
Concen: 44.747 ng
RT: 12.59 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

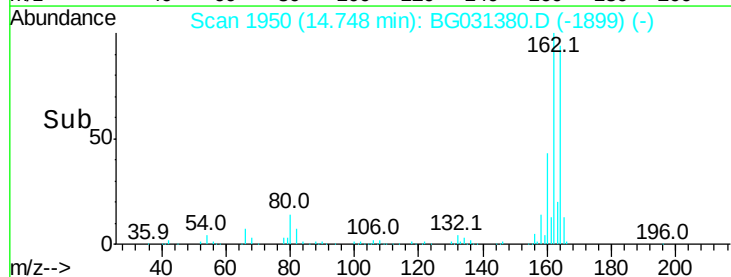
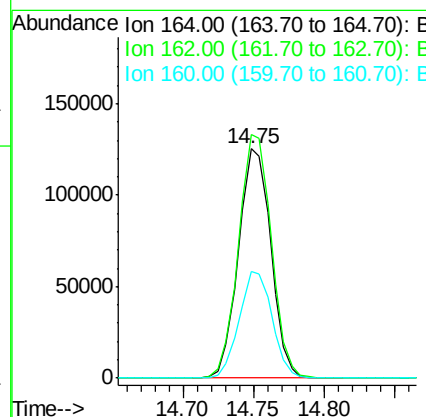
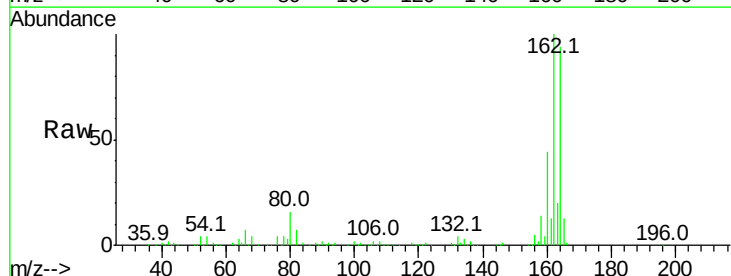
Instrument :
BNA_G
ClientSampleId :

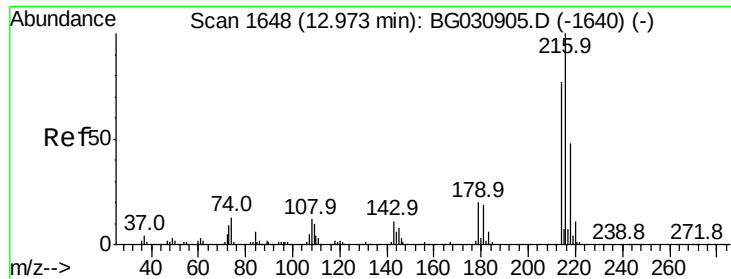
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	67.1	100.7
115	35.5	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.75 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.2	78.8	118.2
160	46.3	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.846 ng

RT: 12.96 min Scan# 1645

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 318051

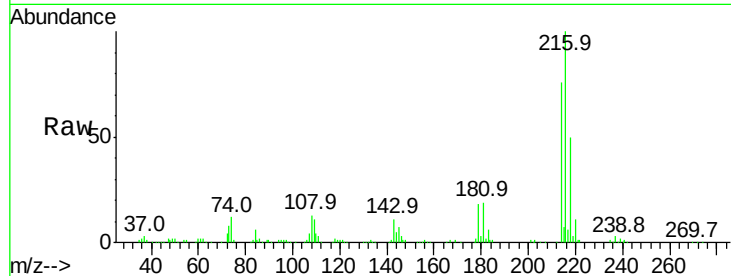
Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.4

179 18.5 17.0 25.6

108 14.2 12.8 19.2

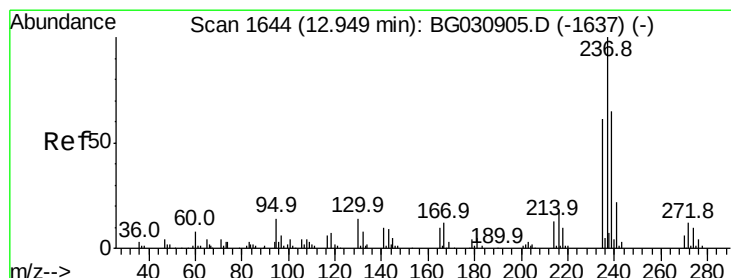
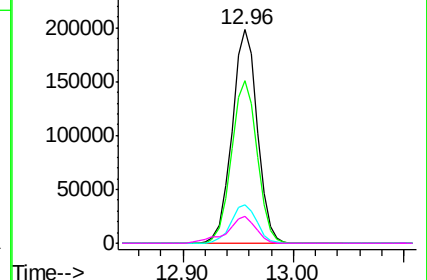
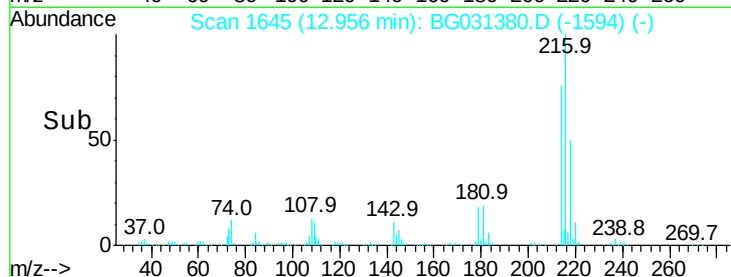


Abundance Ion 216.00 (215.70 to 216.70): E

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: 93.971 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

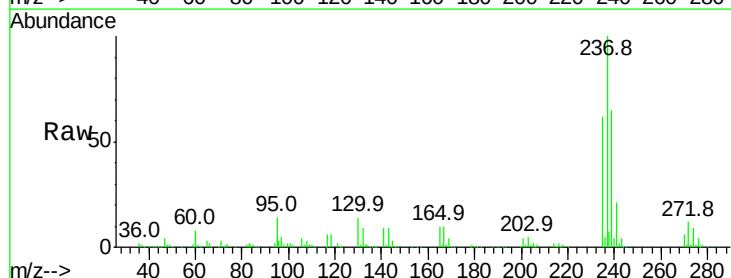
Tgt Ion:237 Resp: 283756

Ion Ratio Lower Upper

237 100

235 62.2 50.4 90.4

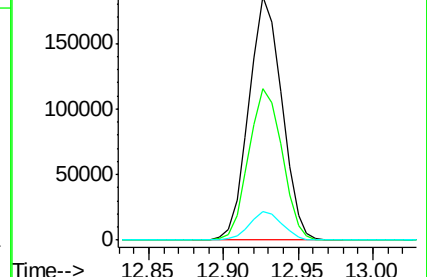
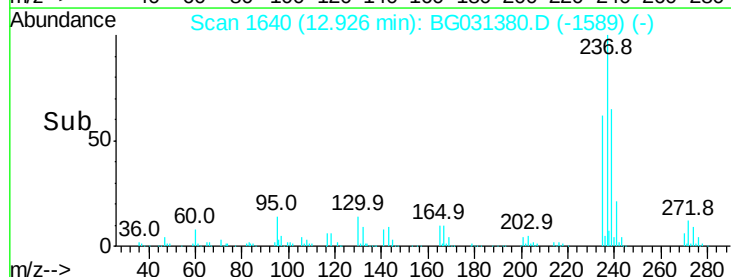
272 11.9 0.0 31.8

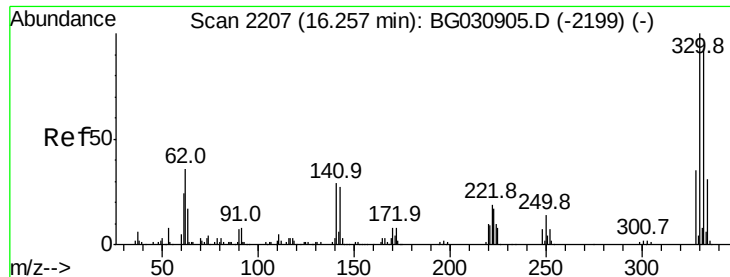


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

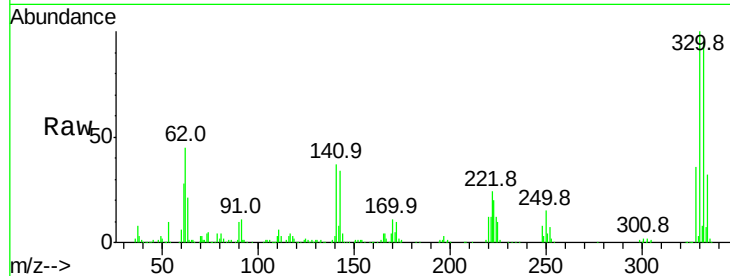




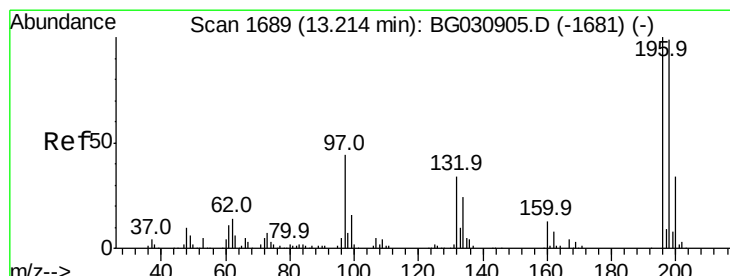
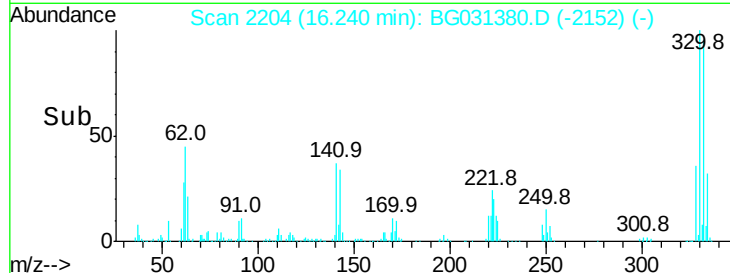
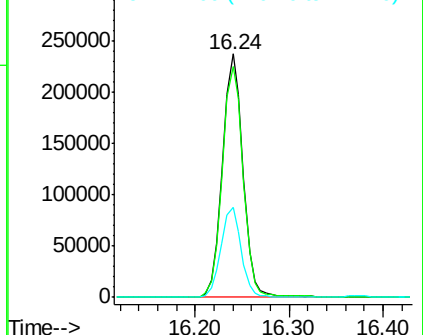
#41
 2,4,6-Tribromophenol
 Concen: 111.474 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 362665
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 36.9 25.2 37.8

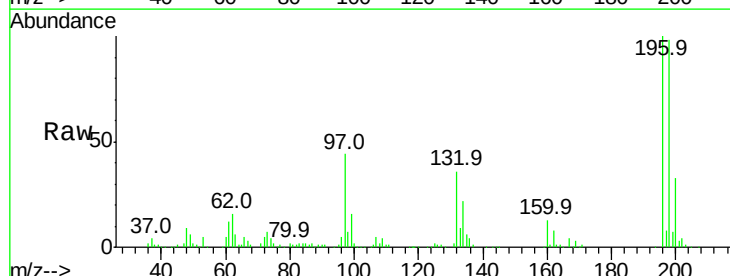


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

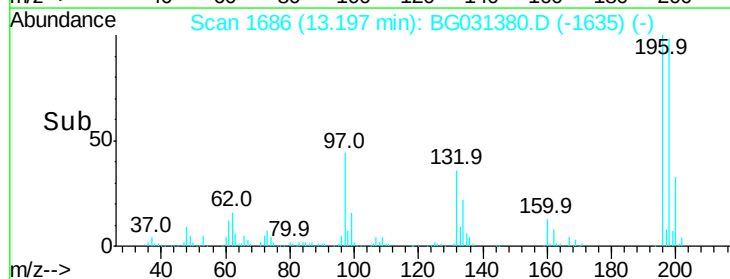
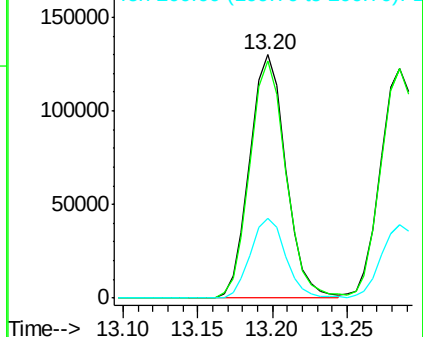


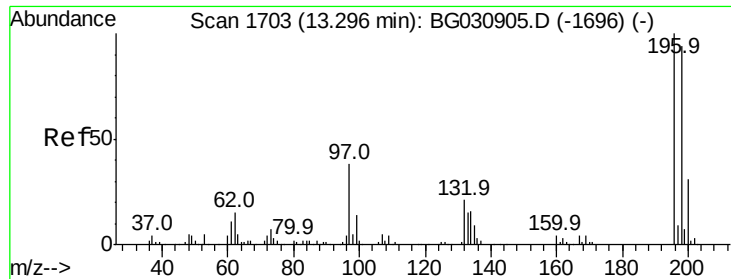
#42
 2,4,6-Trichlorophenol
 Concen: 47.815 ng
 RT: 13.20 min Scan# 1686
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion:196 Resp: 218184
 Ion Ratio Lower Upper
 196 100
 198 97.5 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

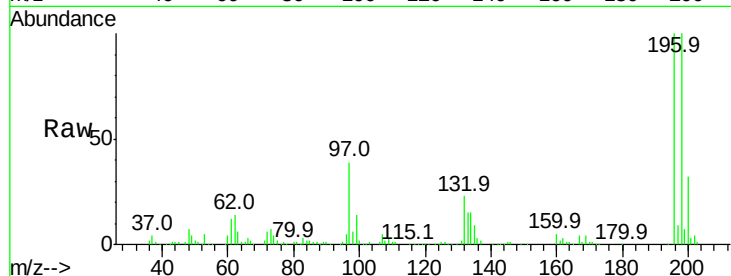




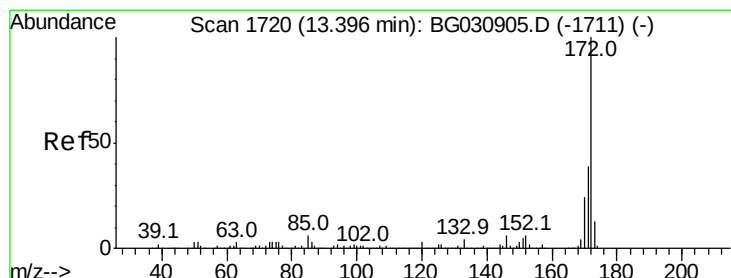
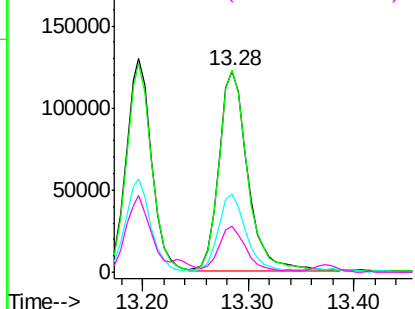
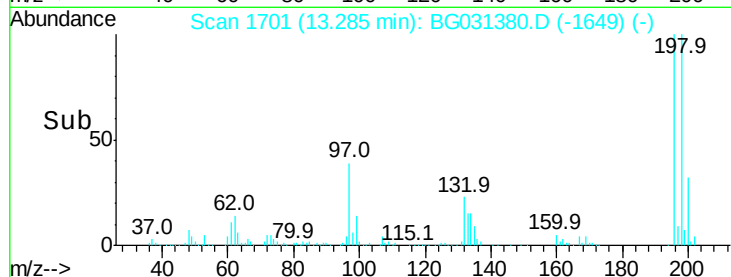
#43
2,4,5-Trichlorophenol
Concen: 46.178 ng
RT: 13.28 min Scan# 1701
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	100.3	76.2	114.4
97	39.0	38.7	58.1
132	22.9	20.2	30.2

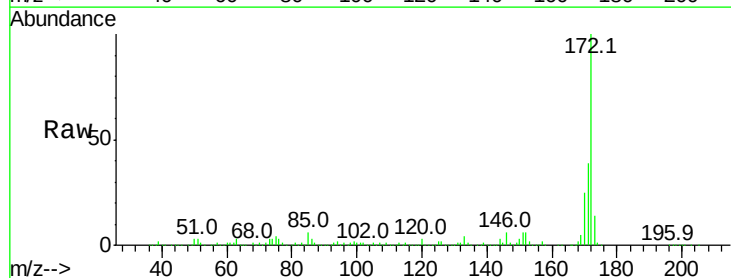


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

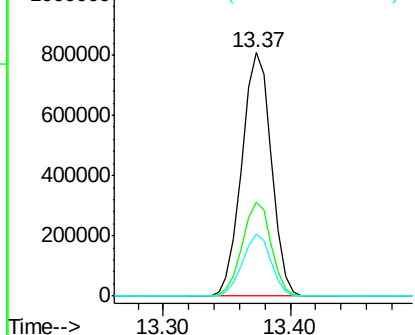
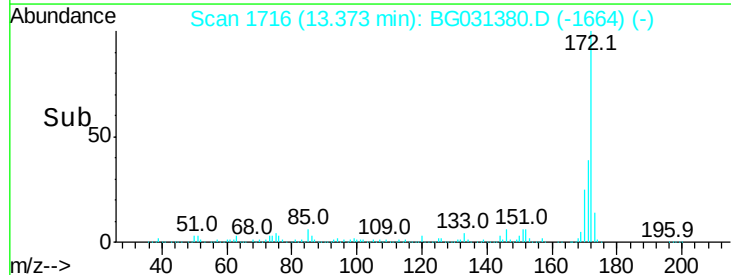


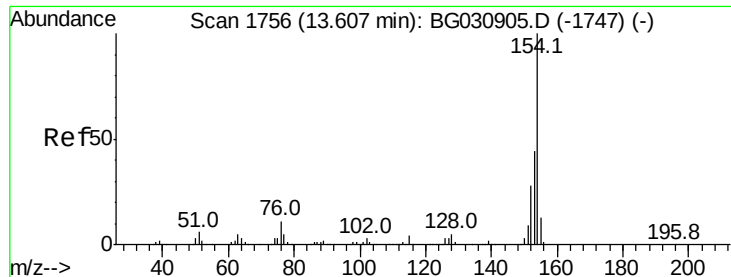
#44
2-Fluorobiphenyl
Concen: 93.073 ng
RT: 13.37 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.5	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: 40.863 ng

RT: 13.58 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

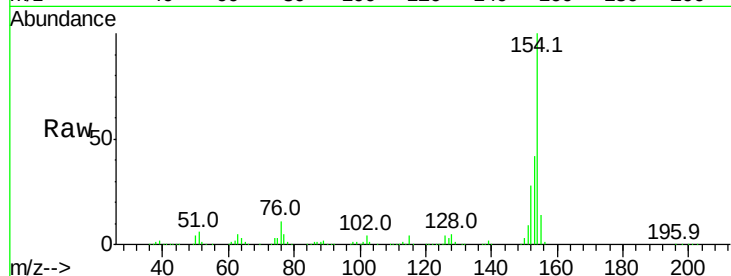
Tot Ion:154 Resp: 681473

Ion Ratio Lower Upper

154 100

153 41.8 19.8 59.8

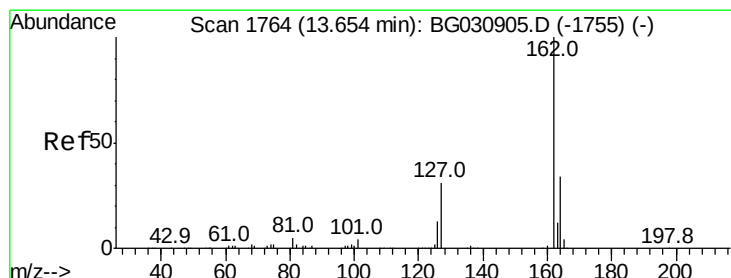
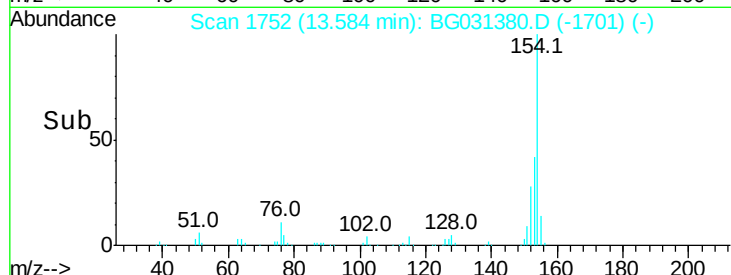
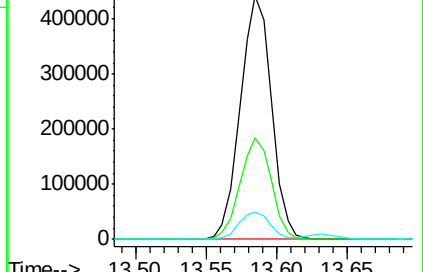
76 11.5 0.0 31.9



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): B



#46

2-Chloronaphthalene

Concen: 47.512 ng

RT: 13.63 min Scan# 1760

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

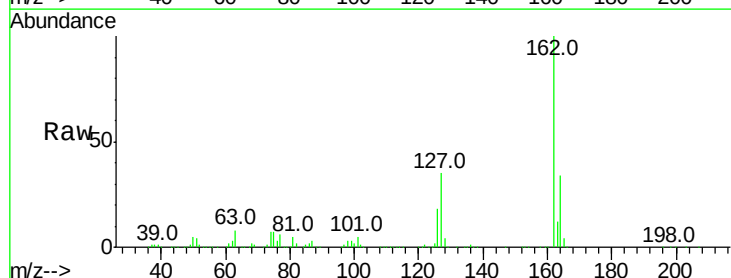
Tgt Ion:162 Resp: 571690

Ion Ratio Lower Upper

162 100

127 34.6 30.7 46.1

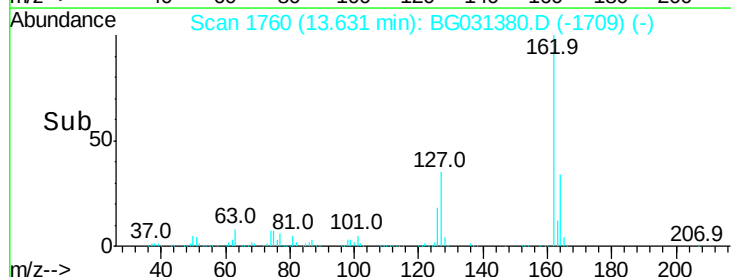
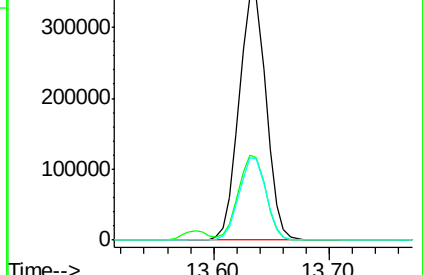
164 33.8 26.0 39.0

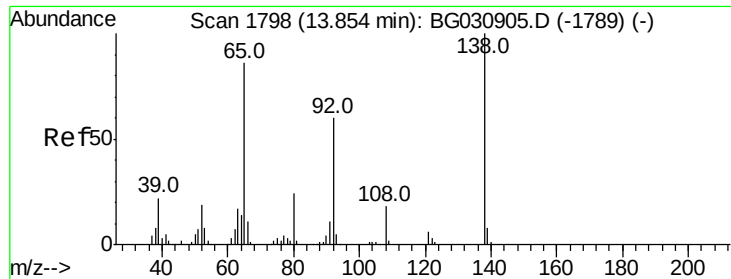


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.858 ng

RT: 13.84 min Scan# 1795

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampled :

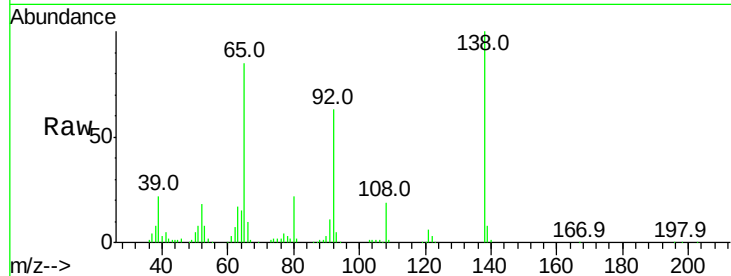
Tot Ion: 65 Resp: 163549

Ion Ratio Lower Upper

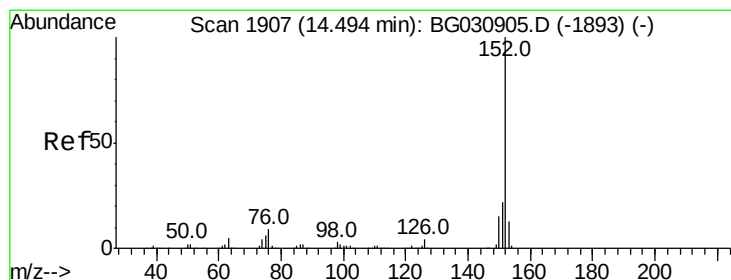
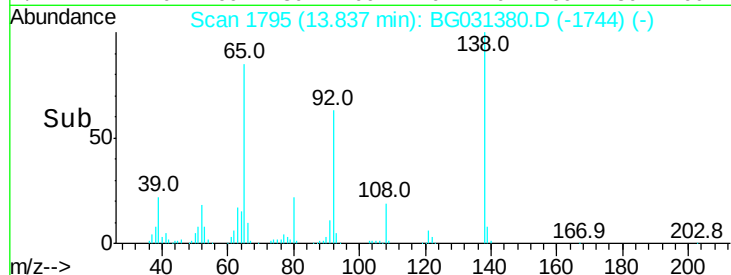
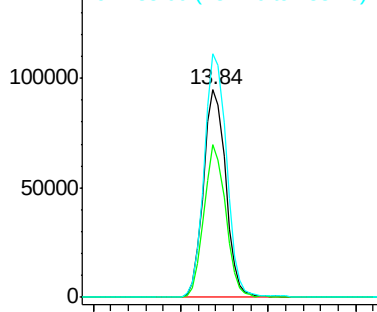
65 100

92 73.9 54.6 82.0

138 117.4 72.9 109.3#



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



#48

Acenaphthylene

Concen: 43.452 ng

RT: 14.48 min Scan# 1904

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

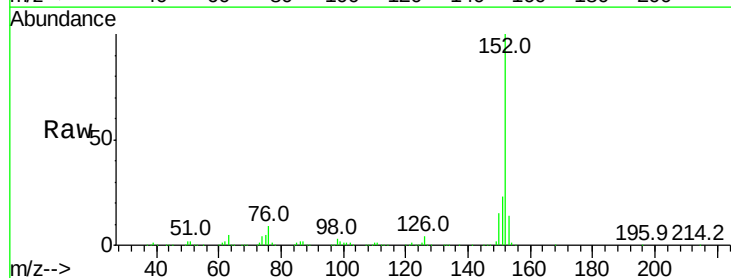
Tgt Ion:152 Resp: 855735

Ion Ratio Lower Upper

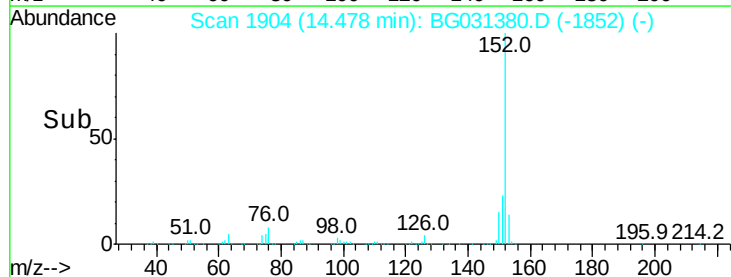
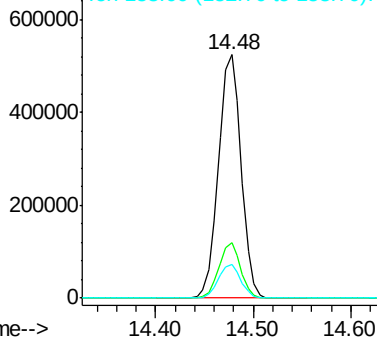
152 100

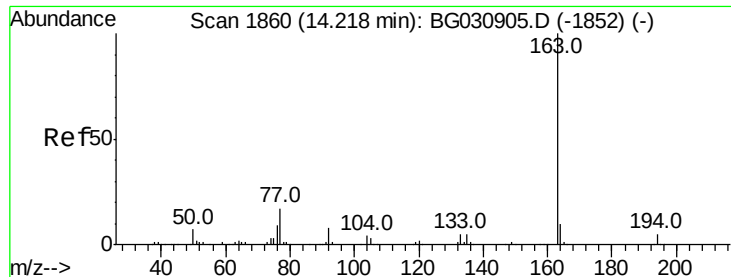
151 22.6 17.2 25.8

153 13.8 10.2 15.4



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





#49

Dimethylphthalate

Concen: 43.269 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

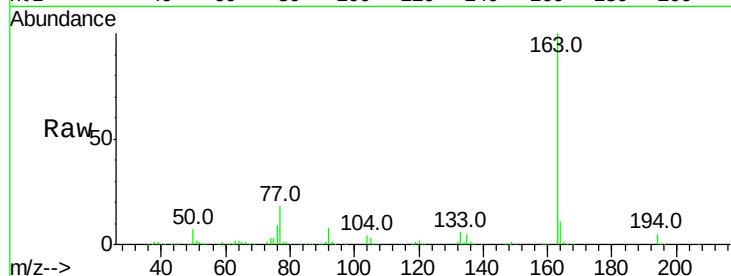
Tot Ion:163 Resp: 752415

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

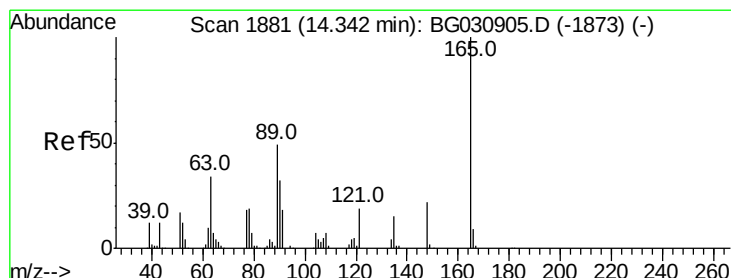
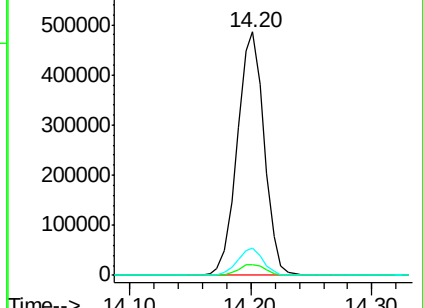
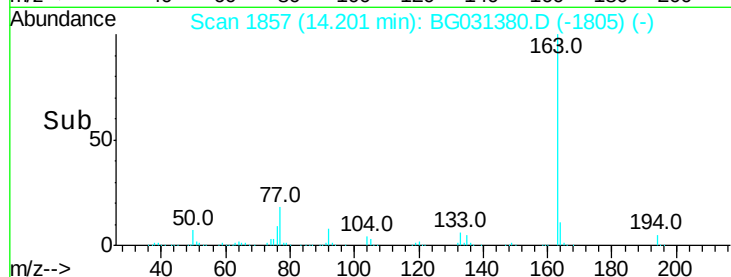
164 11.1 8.2 12.4



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: 48.205 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

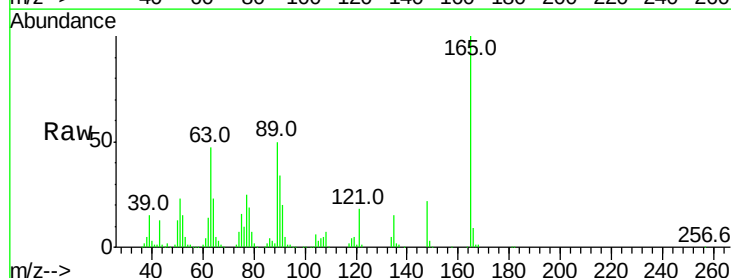
Tgt Ion:165 Resp: 172774

Ion Ratio Lower Upper

165 100

63 47.4 52.7 79.1#

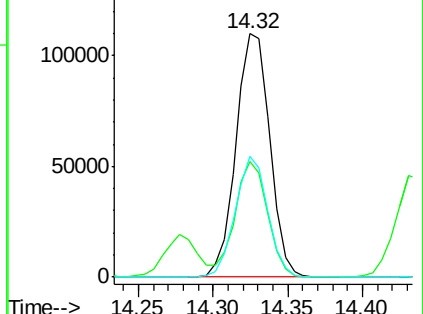
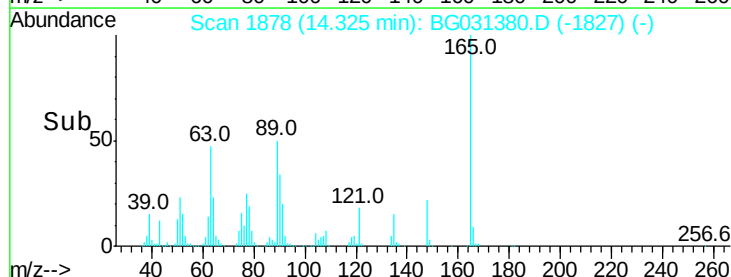
89 49.6 49.2 73.8

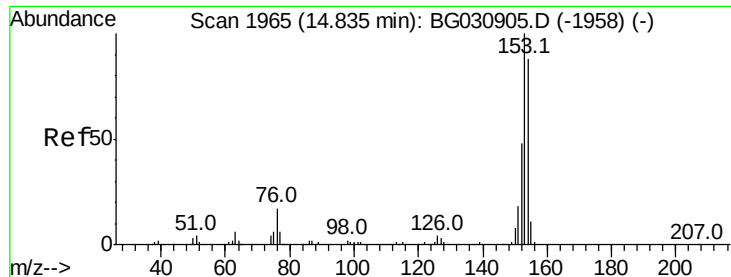


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.090 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

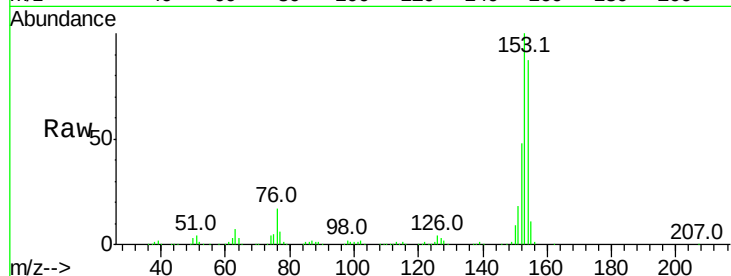
Tot Ion:154 Resp: 529992

Ion Ratio Lower Upper

154 100

153 114.8 90.4 135.6

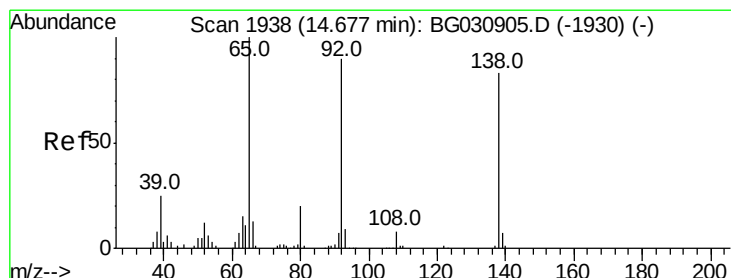
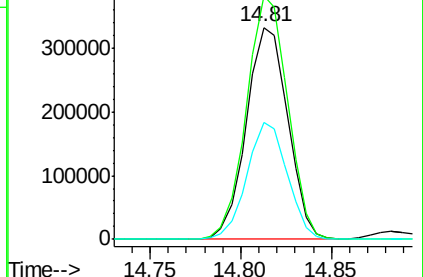
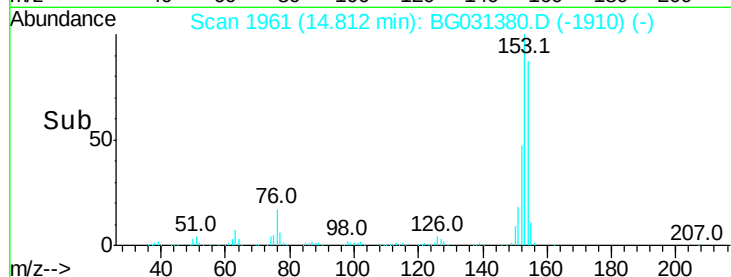
152 55.0 41.6 62.4



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: 12.569 ng

RT: 14.67 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

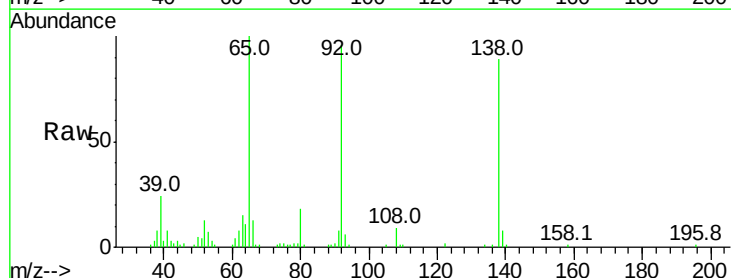
Tgt Ion:138 Resp: 47834

Ion Ratio Lower Upper

138 100

108 10.2 17.5 26.3#

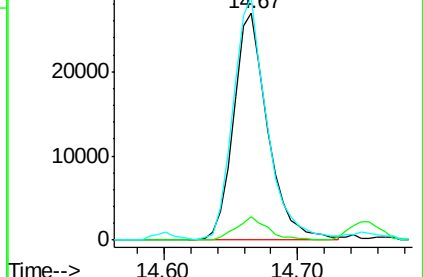
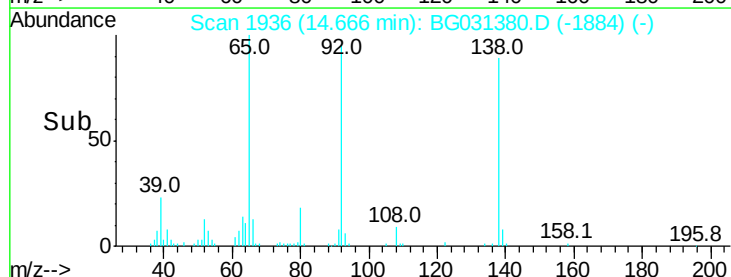
92 107.4 105.8 158.8

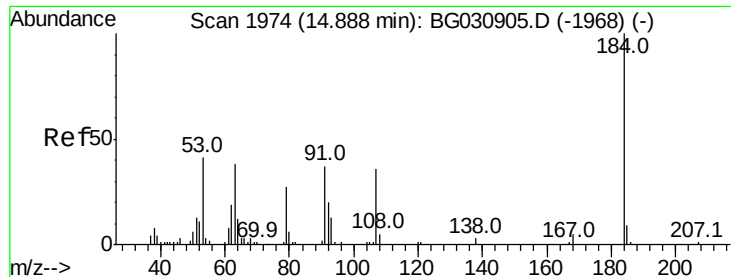


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

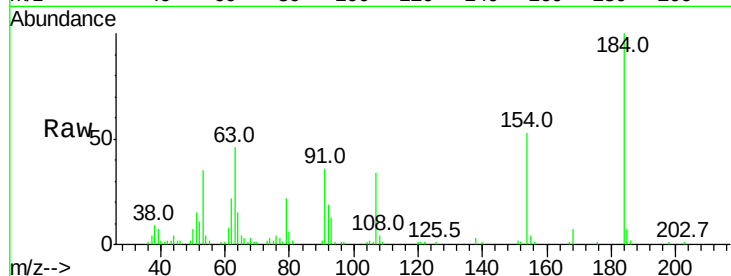




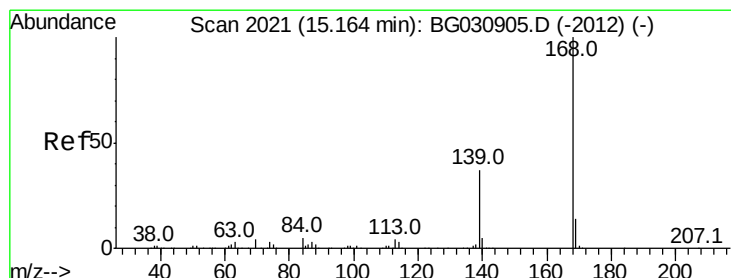
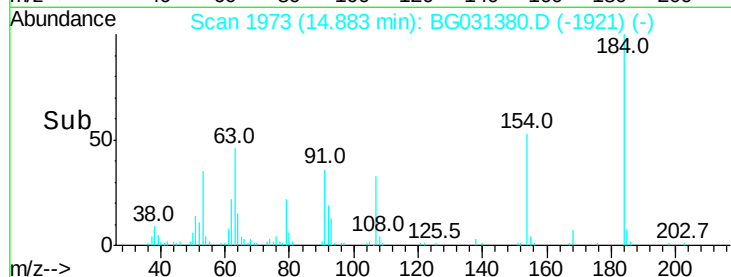
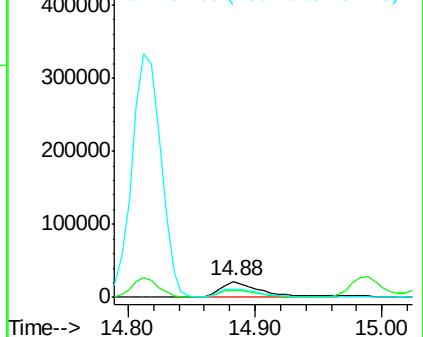
#53
2,4-Dinitrophenol
Concen: 28.516 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampled :

Tot Ion:184 Resp: 48197
Ion Ratio Lower Upper
184 100
63 45.7 59.8 89.8#
154 52.8 101.8 152.8#

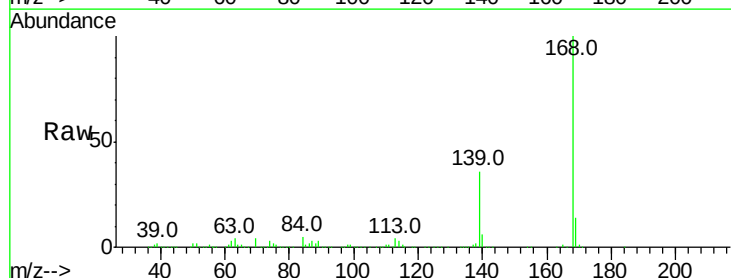


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

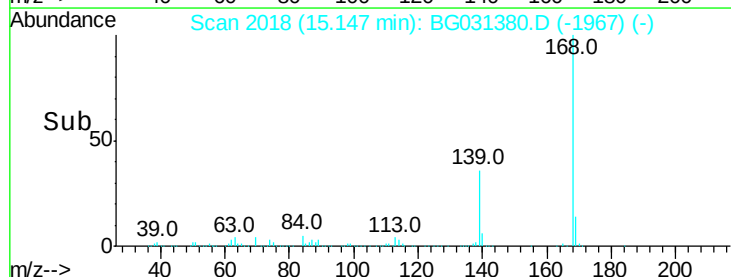
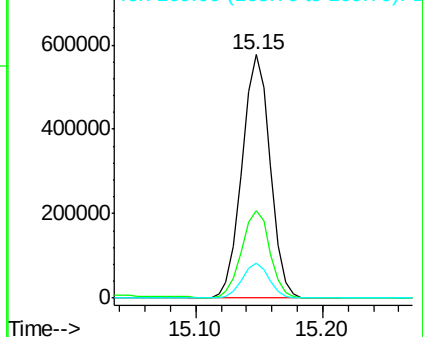


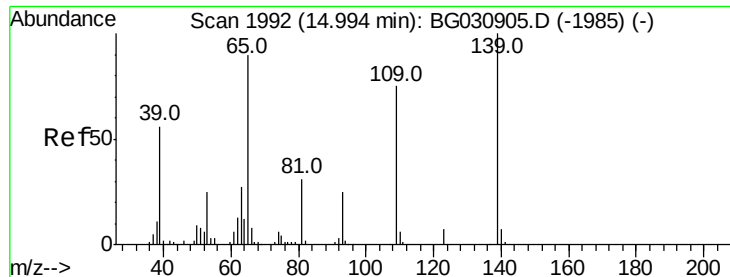
#54
Dibenzofuran
Concen: 45.232 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion:168 Resp: 886145
Ion Ratio Lower Upper
168 100
139 36.1 28.6 43.0
169 14.2 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 74.157 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

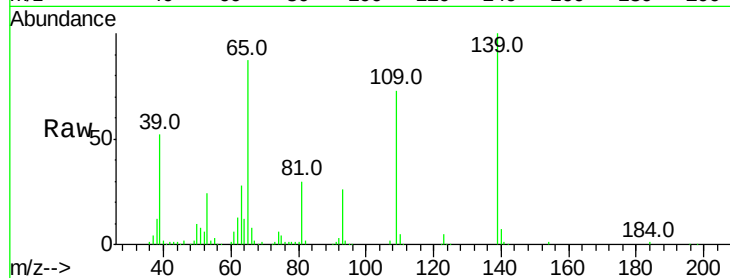
Tot Ion:139 Resp: 201037

Ion Ratio Lower Upper

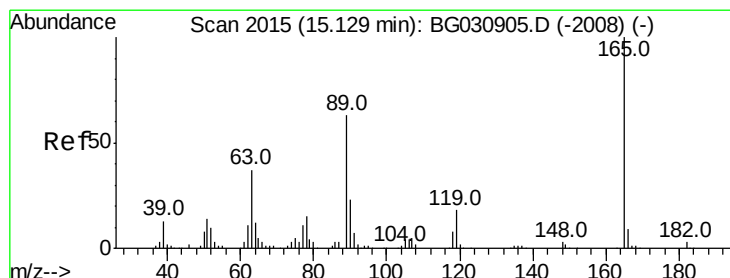
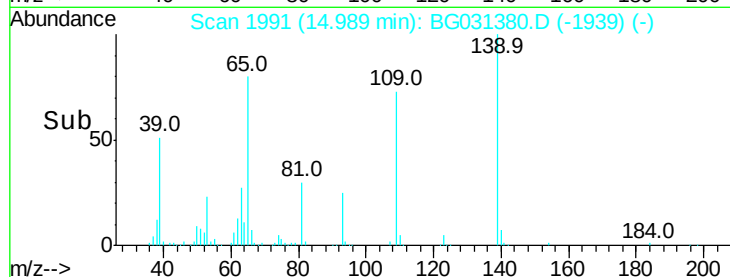
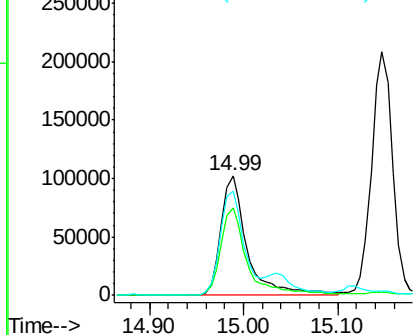
139 100

109 72.6 62.2 102.2

65 86.8 97.2 137.2#



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



#56

2,4-Dinitrotoluene

Concen: 47.335 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:165 Resp: 245270

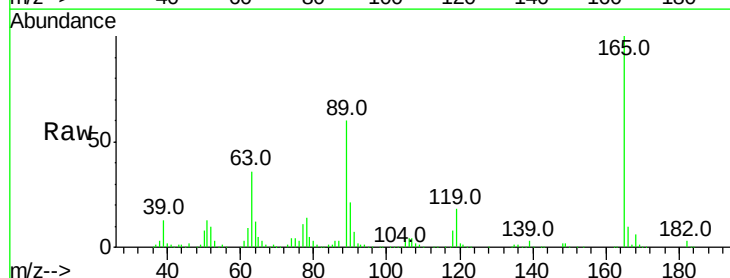
Ion Ratio Lower Upper

165 100

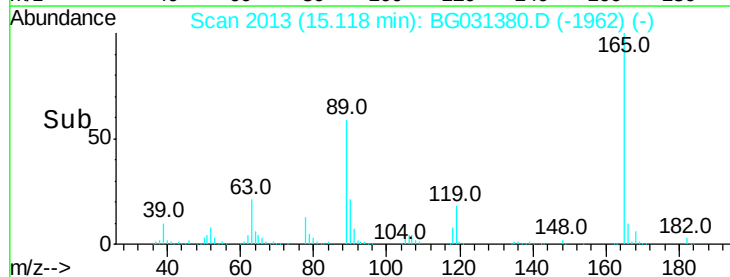
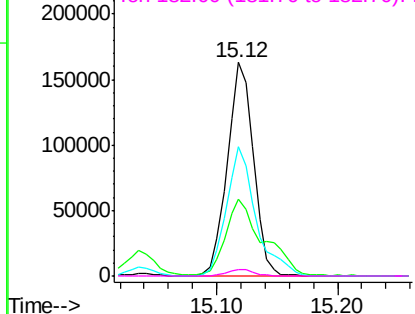
63 35.8 42.0 63.0#

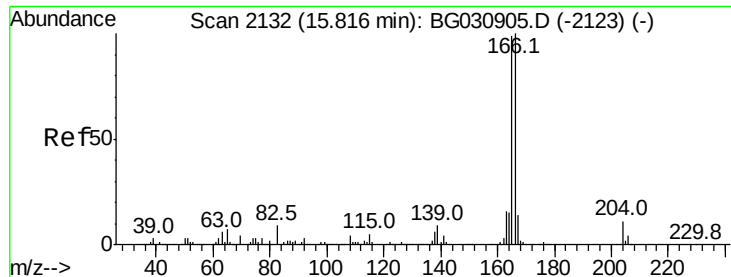
89 60.5 66.9 100.3#

182 3.0 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

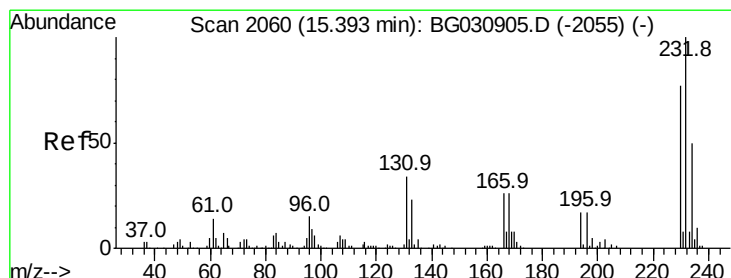
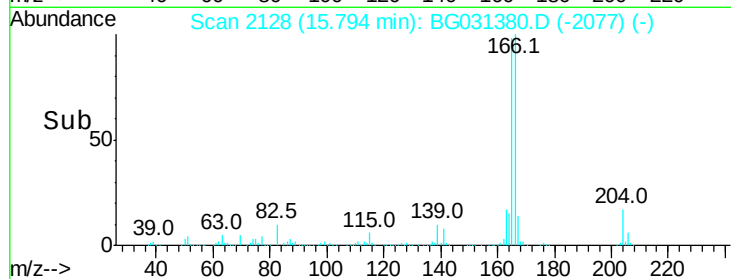
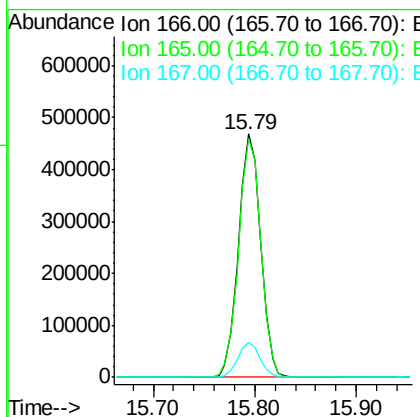
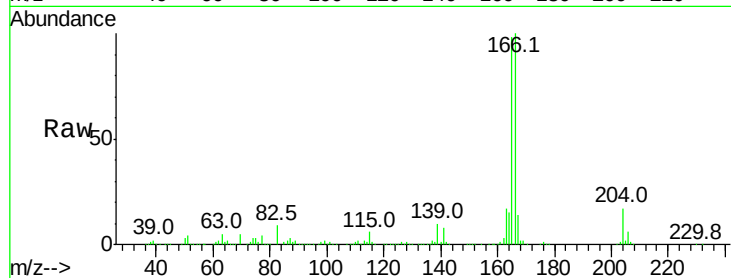




#57
 Fluorene
 Concen: 44.757 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

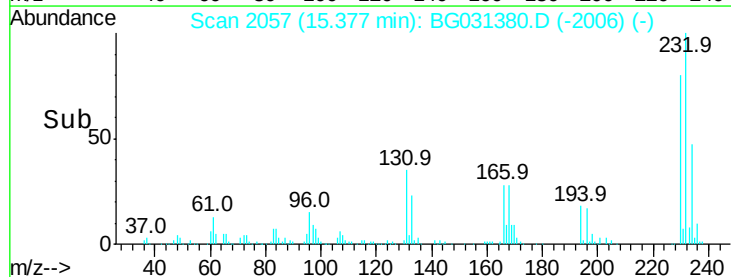
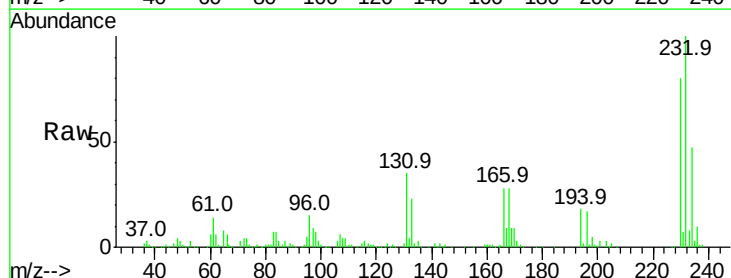
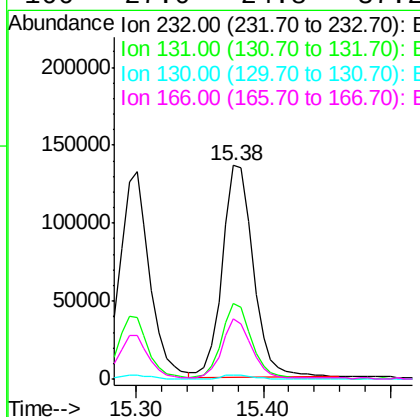
Instrument :
 BNA_G
 ClientSampleId :

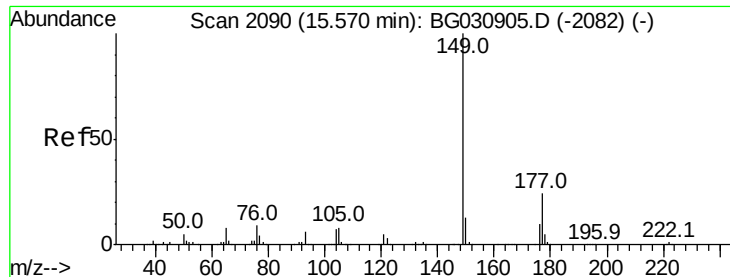
Tot Ion:166 Resp: 711874
 Ion Ratio Lower Upper
 166 100
 165 97.8 80.6 121.0
 167 14.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 48.271 ng
 RT: 15.38 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion:232 Resp: 229689
 Ion Ratio Lower Upper
 232 100
 131 35.0 33.5 50.3
 130 2.0 2.2 3.2#
 166 27.0 24.8 37.2

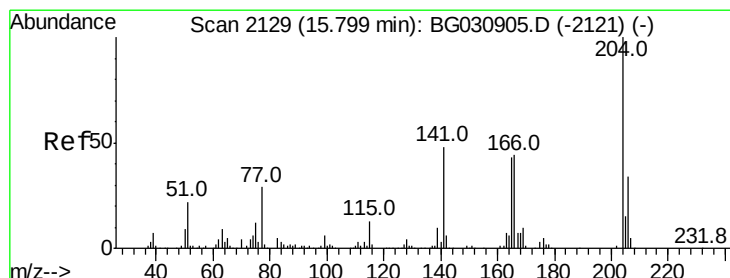
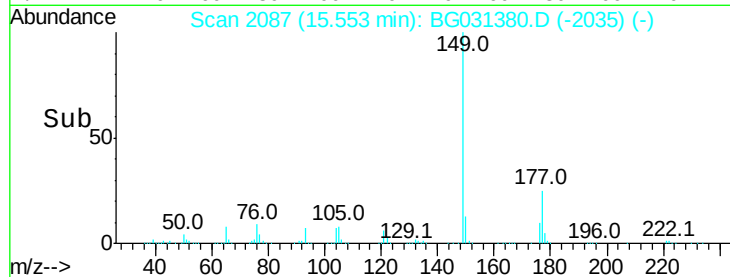
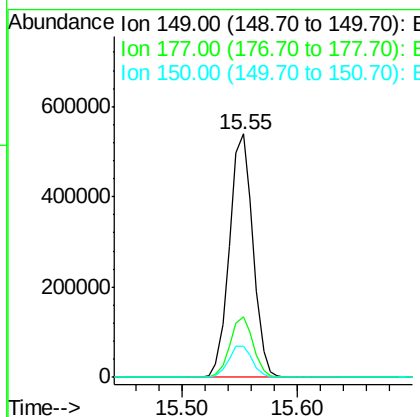
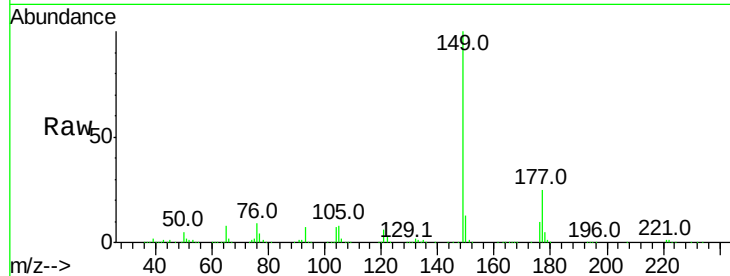




#59
Diethylphthalate
Concen: 42.801 ng
RT: 15.55 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

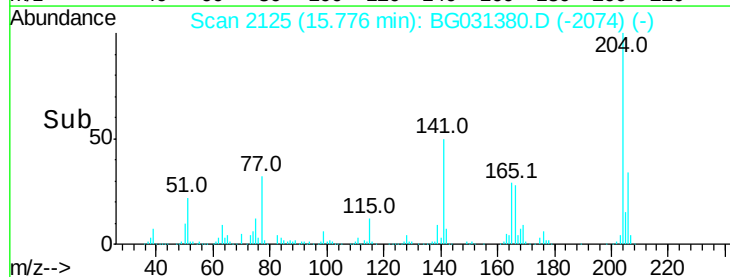
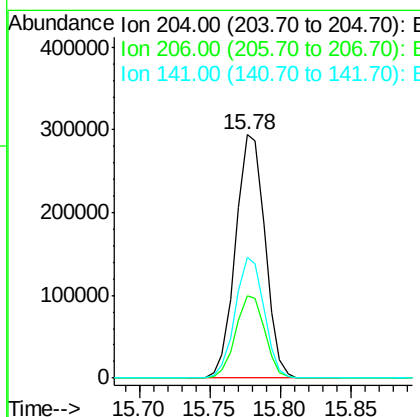
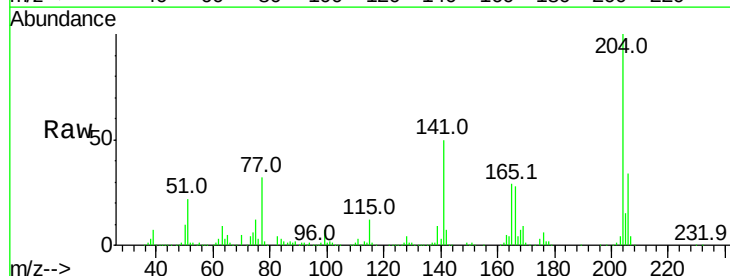
Instrument :
BNA_G
ClientSampleId :

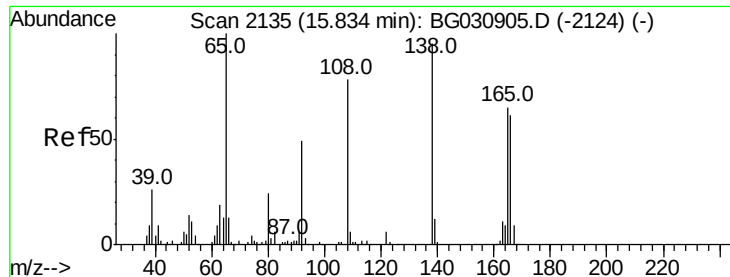
Tot Ion:149 Resp: 756014
Ion Ratio Lower Upper
149 100
177 24.9 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.557 ng
RT: 15.78 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion:204 Resp: 428011
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 49.7 45.8 68.6

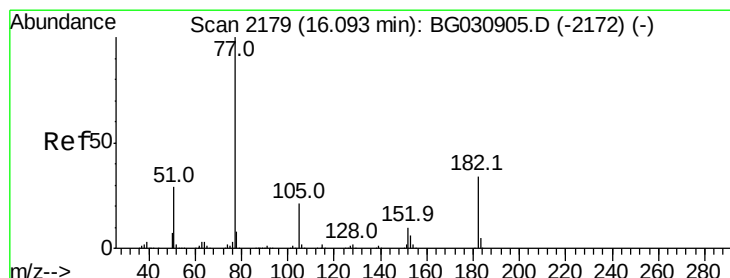
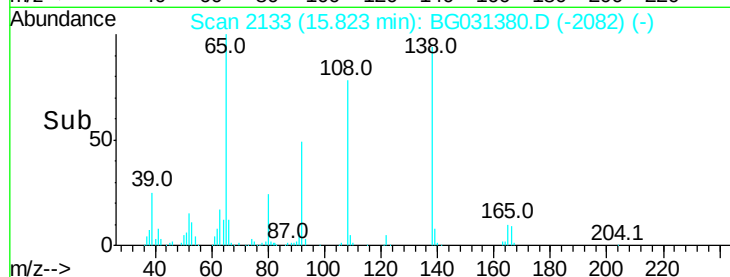
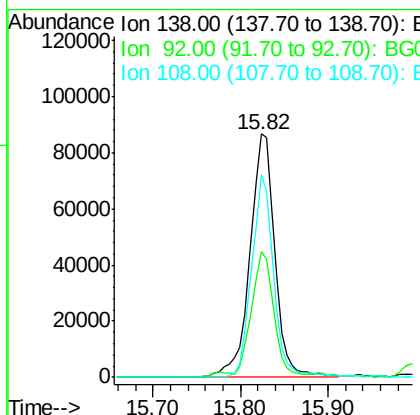
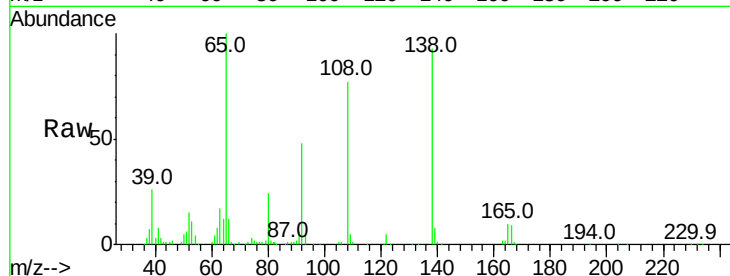




#61
4-Nitroaniline
Concen: 41.616 ng
RT: 15.82 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

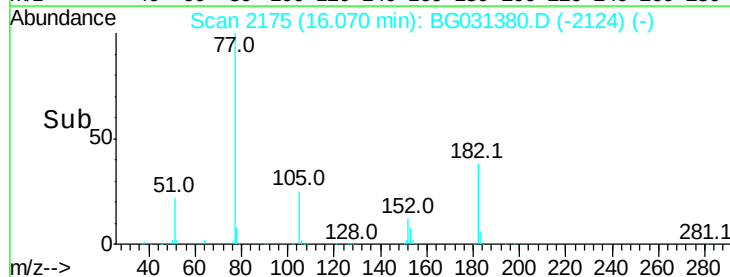
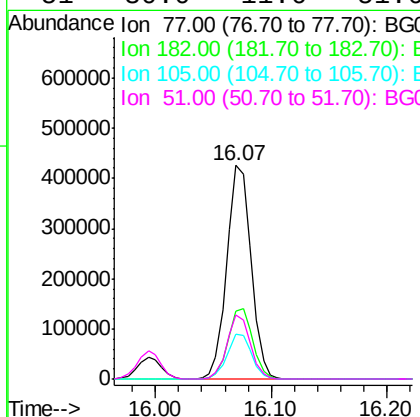
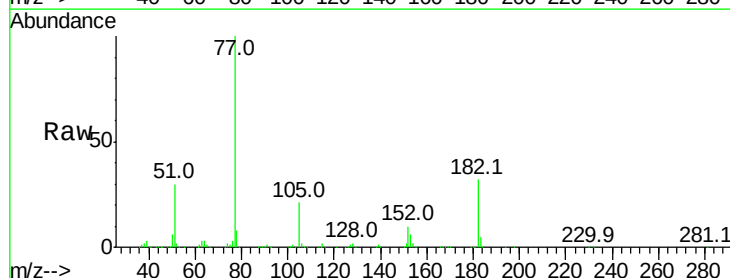
Instrument :
BNA_G
ClientSampleId :

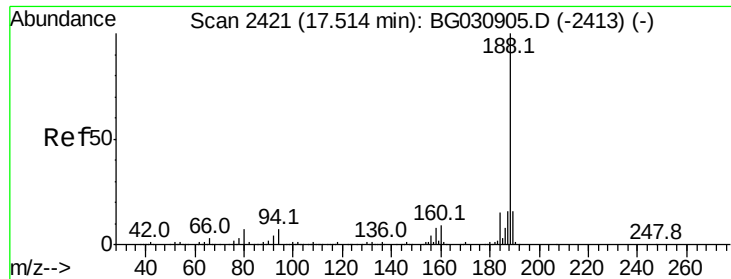
Tot Ion:138 Resp: 167707
Ion Ratio Lower Upper
138 100
92 52.0 40.1 80.1
108 83.0 65.4 105.4



#62
Azobenzene
Concen: 45.900 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion: 77 Resp: 618317
Ion Ratio Lower Upper
77 100
182 31.6 7.4 47.4
105 20.7 0.3 40.3
51 30.0 11.6 51.6

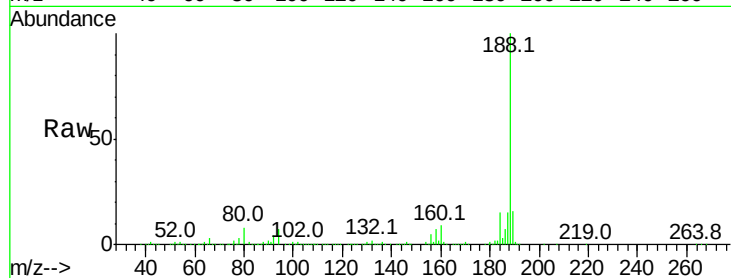




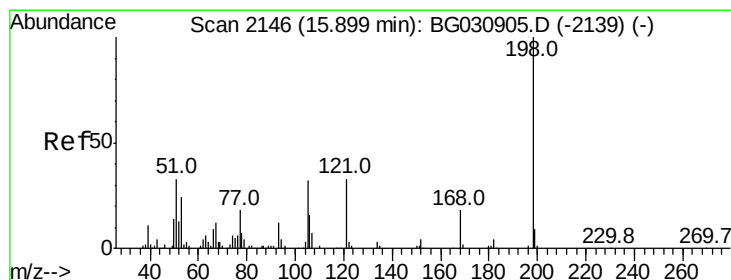
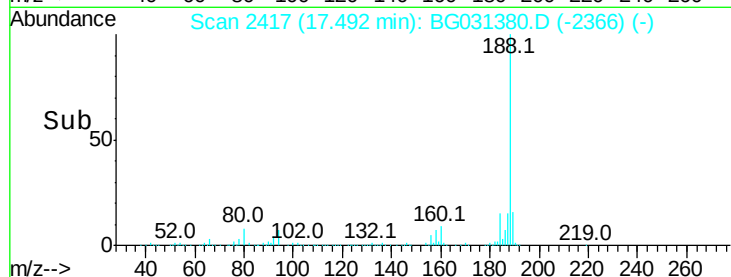
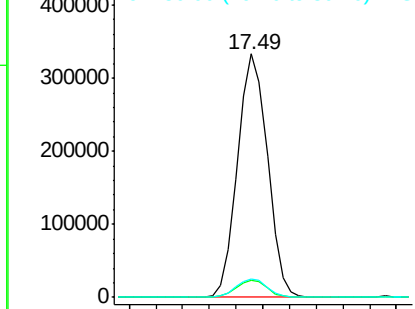
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 518775
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.7 7.7 11.5

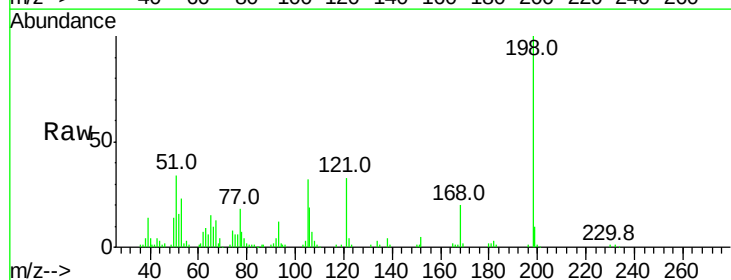


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

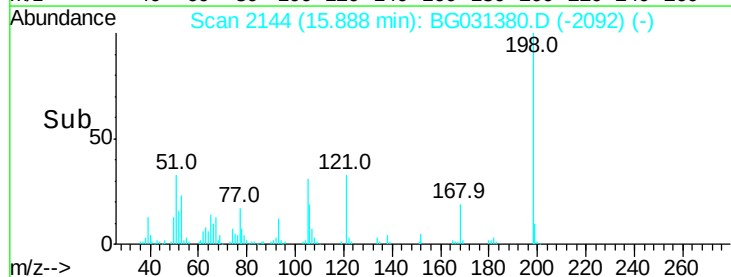
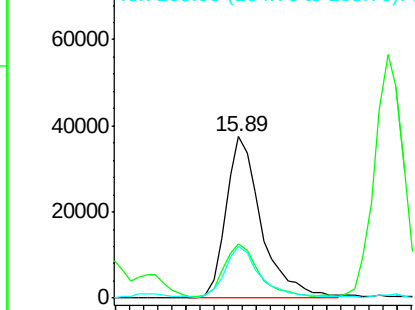


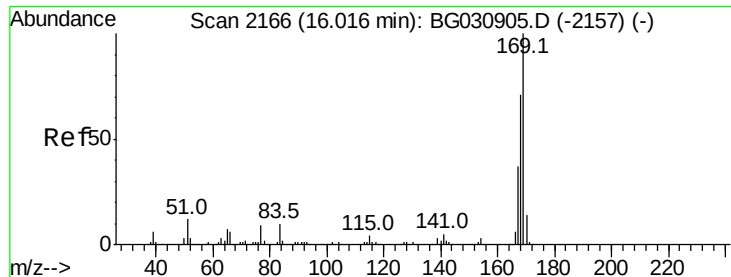
#64
4,6-Dinitro-2-methylphenol
Concen: 19.024 ng
RT: 15.89 min Scan# 2144
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion:198 Resp: 65599
Ion Ratio Lower Upper
198 100
51 34.0 30.6 70.6
105 32.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

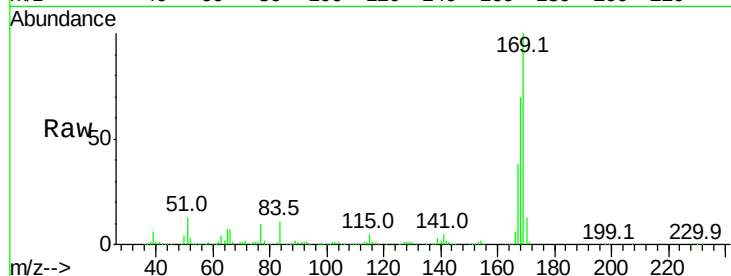




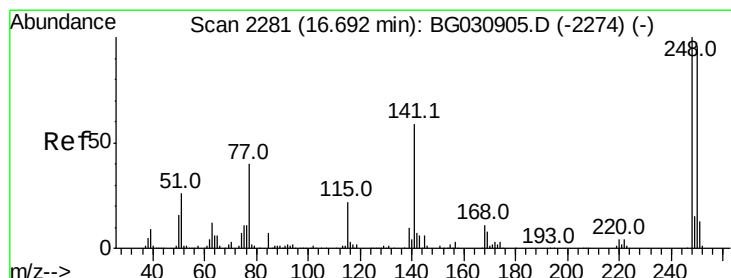
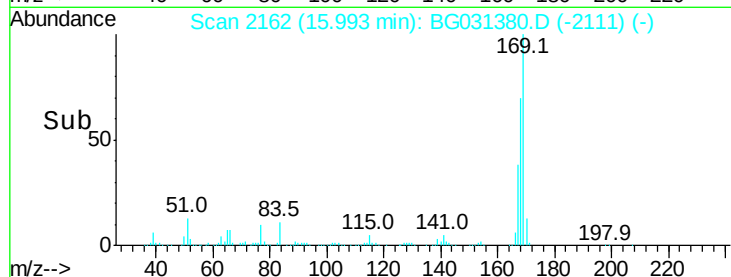
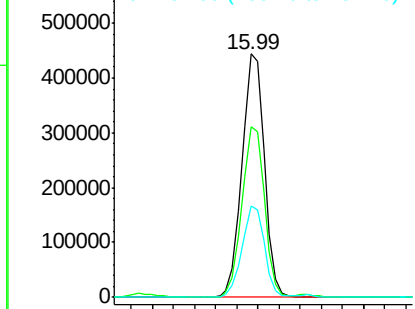
#65
 n-Nitrosodiphenylamine
 Concen: 41.320 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:169 Resp: 649552
 Ion Ratio Lower Upper
 169 100
 168 69.9 55.7 83.5
 167 37.7 30.1 45.1

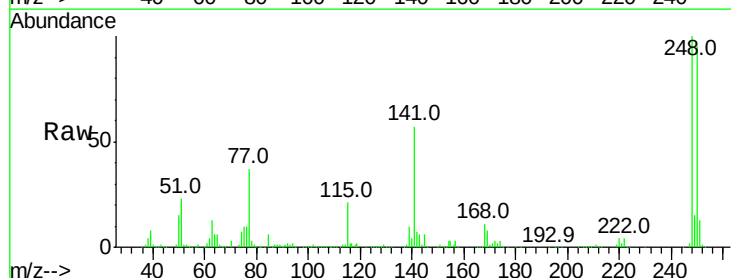


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

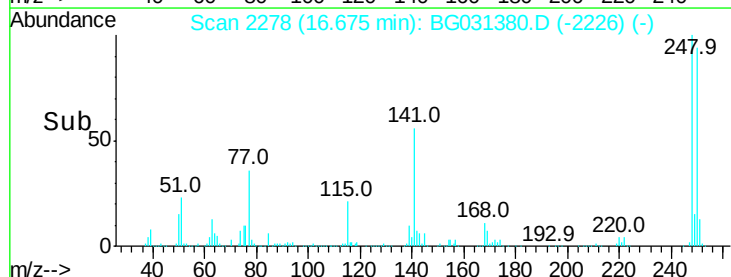
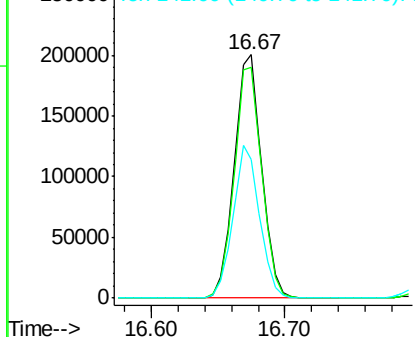


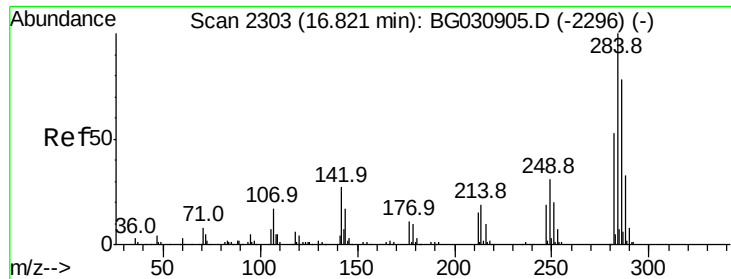
#66
 4-Bromophenyl-phenylether
 Concen: 43.449 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion:248 Resp: 285479
 Ion Ratio Lower Upper
 248 100
 250 94.5 77.1 115.7
 141 56.8 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

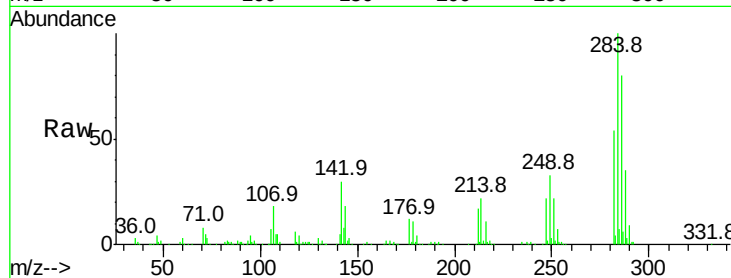




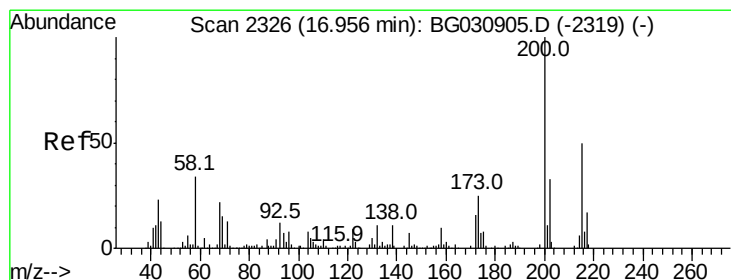
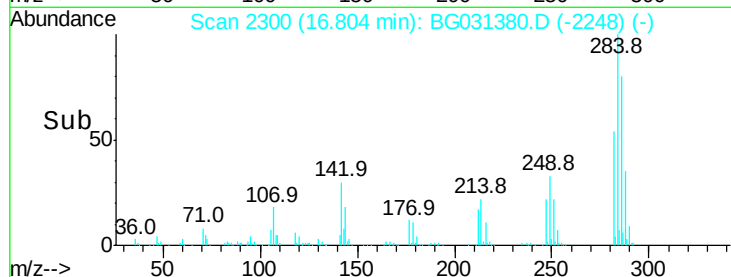
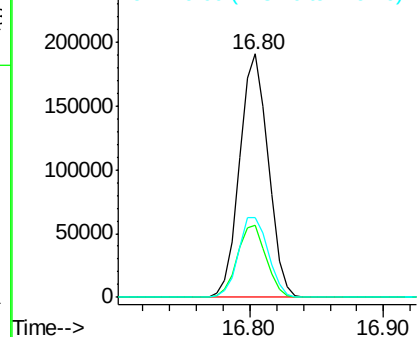
#67
Hexachlorobenzene
Concen: 40.522 ng
RT: 16.80 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.6	26.8	40.2
249	32.5	26.3	39.5

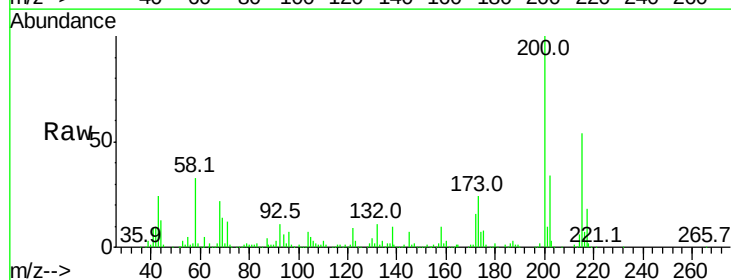


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

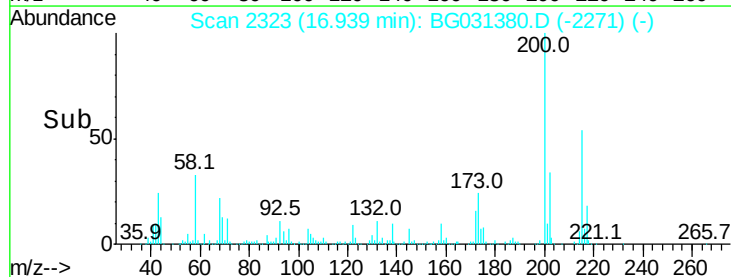
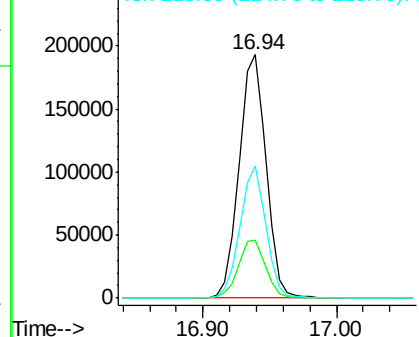


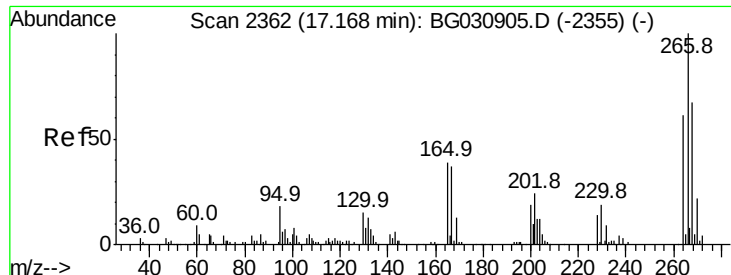
#68
Atrazine
Concen: 41.770 ng
RT: 16.94 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BG031380.D
Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.7	5.2	45.2
215	54.1	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: 53.406 ng

RT: 17.15 min Scan# 2359

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

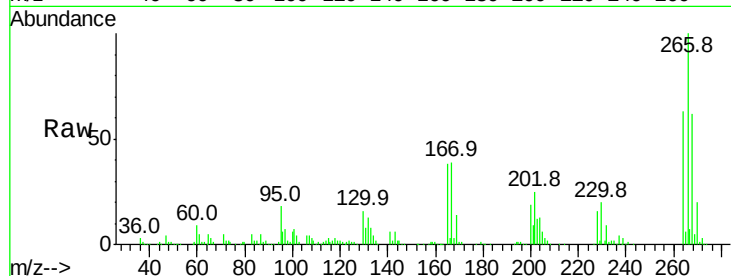
Tot Ion:266 Resp: 206102

Ion Ratio Lower Upper

266 100

268 62.4 51.1 76.7

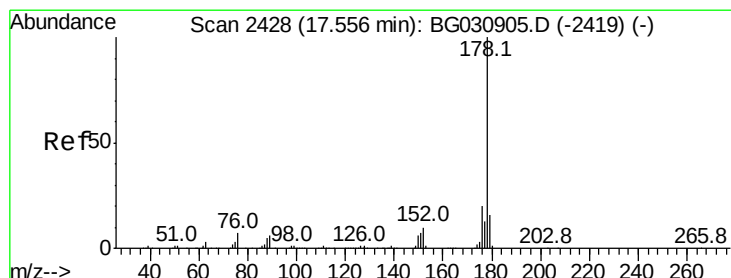
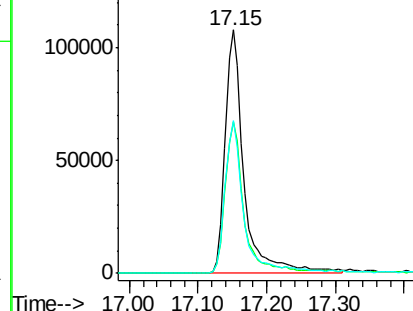
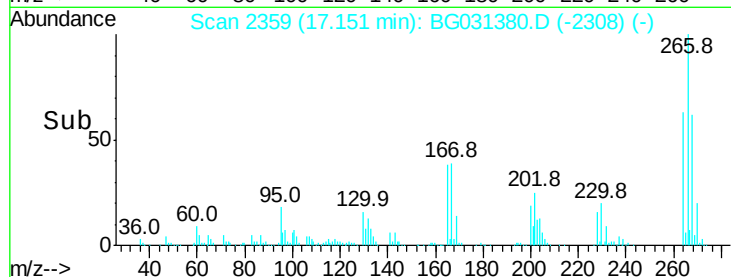
264 62.8 49.6 74.4



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: 44.738 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

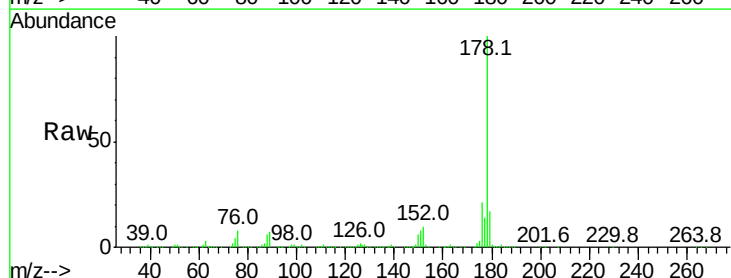
Tgt Ion:178 Resp: 1208408

Ion Ratio Lower Upper

178 100

176 21.0 15.7 23.5

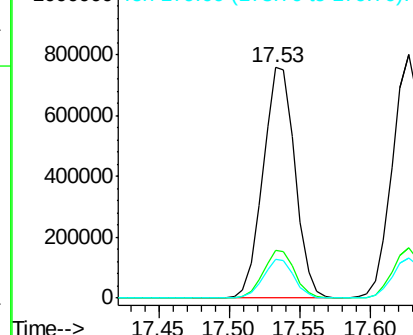
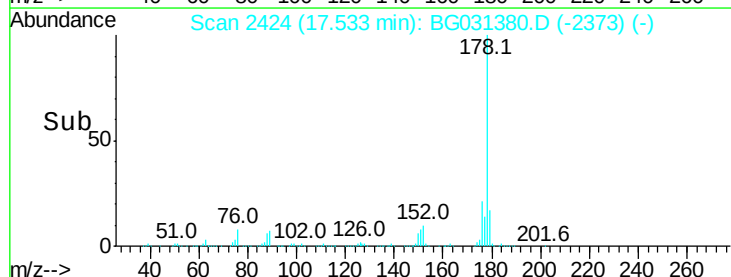
179 16.9 12.5 18.7

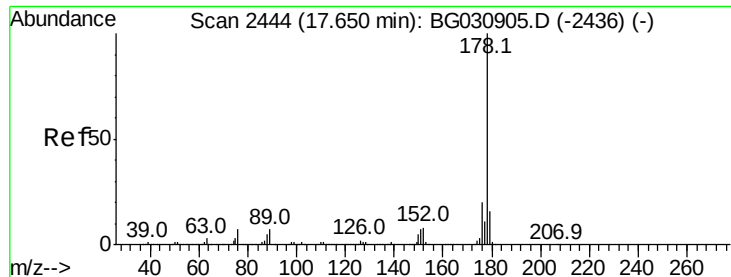


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

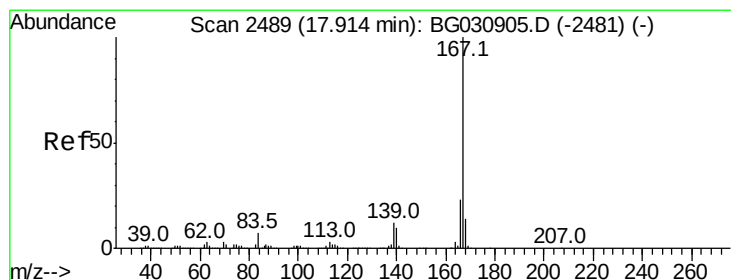
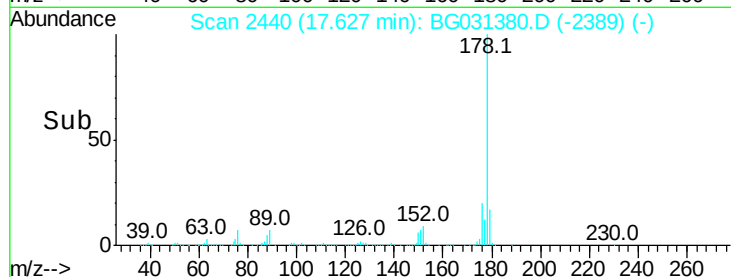
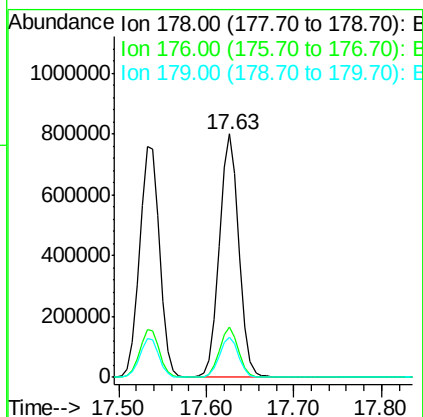
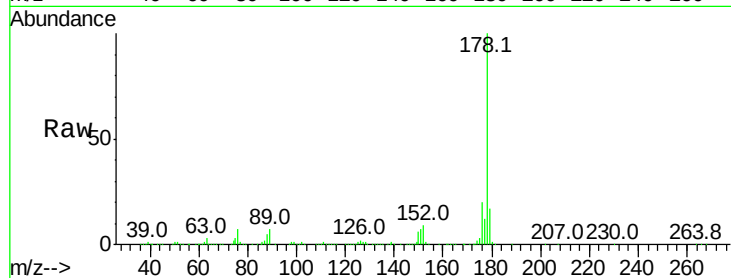




#71
 Anthracene
 Concen: 45.513 ng
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

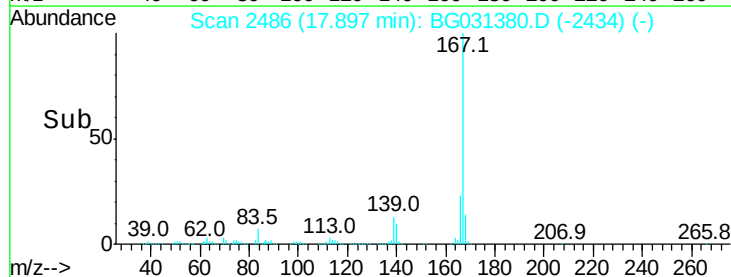
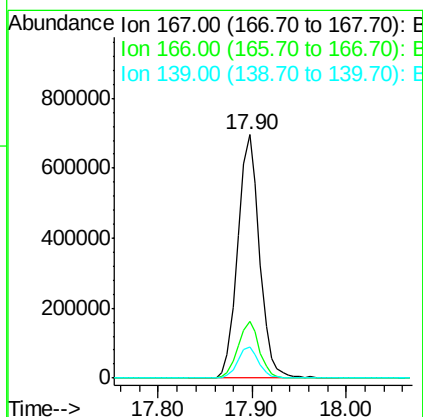
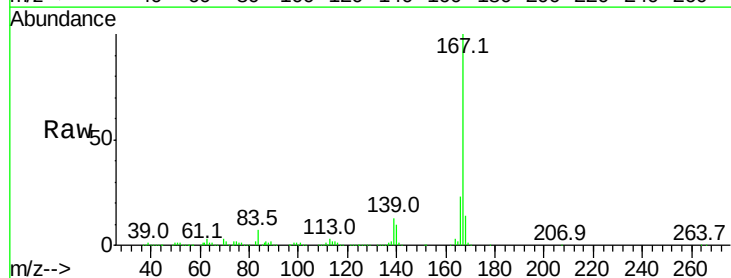
Instrument :
 BNA_G
 ClientSampled :

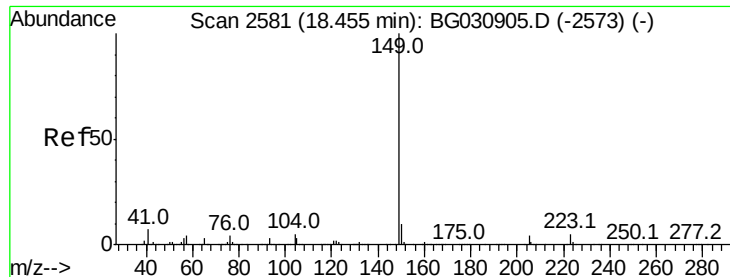
Tot Ion:178 Resp: 1231809
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 44.006 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion:167 Resp: 1115984
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 12.8 9.4 14.2





#73

Di-n-butylphthalate

Concen: 42.063 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

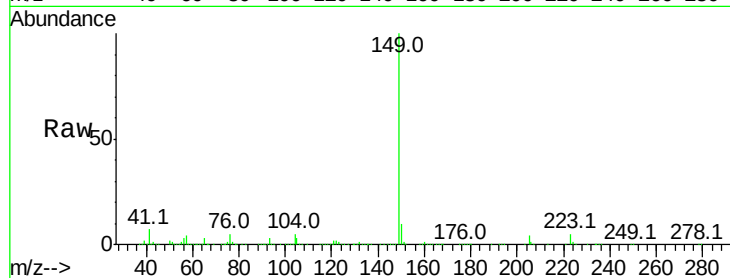
Tot Ion:149 Resp: 1309728

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

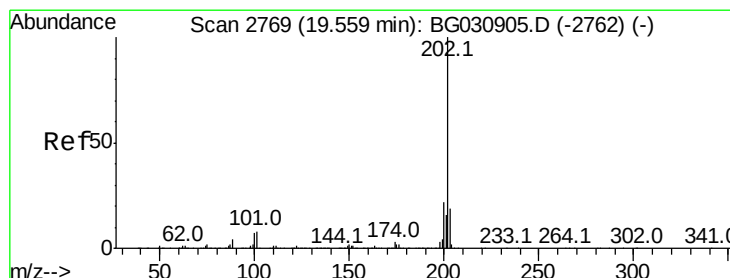
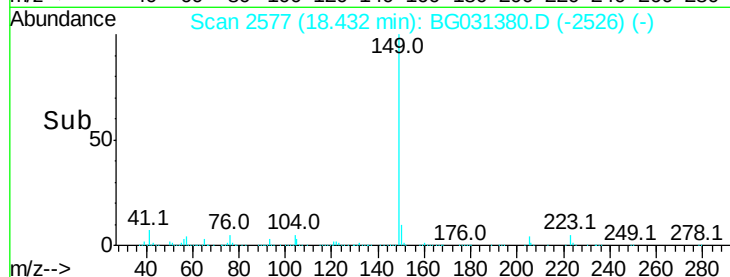
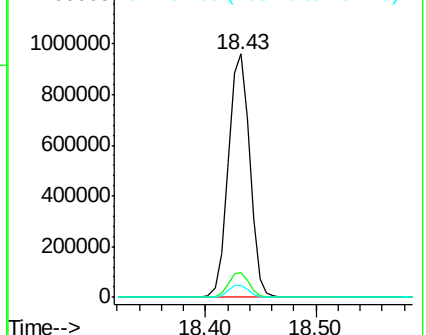
104 5.0 3.9 5.9



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: 45.245 ng

RT: 19.54 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

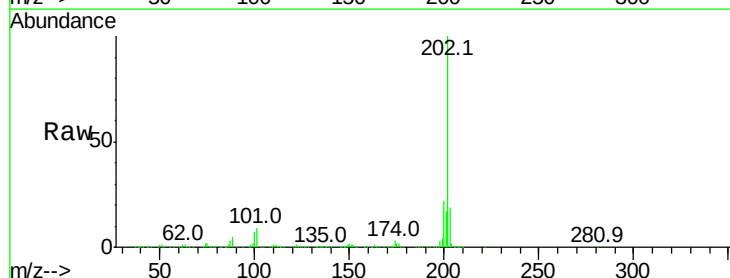
Tgt Ion:202 Resp: 1547350

Ion Ratio Lower Upper

202 100

101 9.2 0.0 28.9

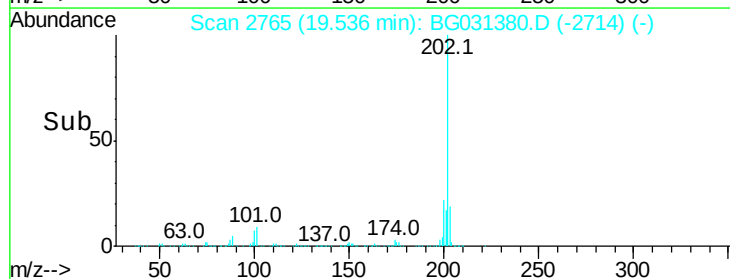
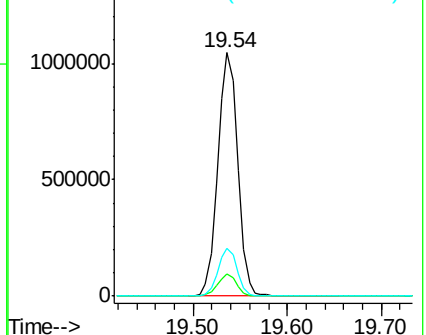
203 19.4 0.0 37.5

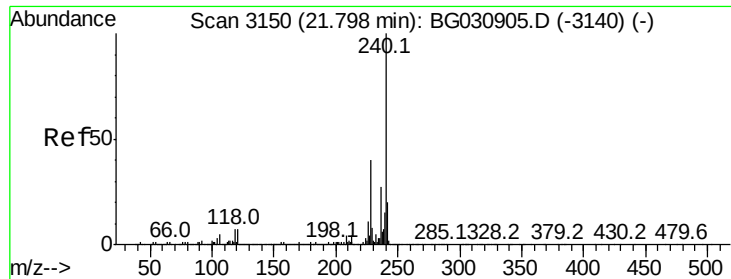


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.77 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

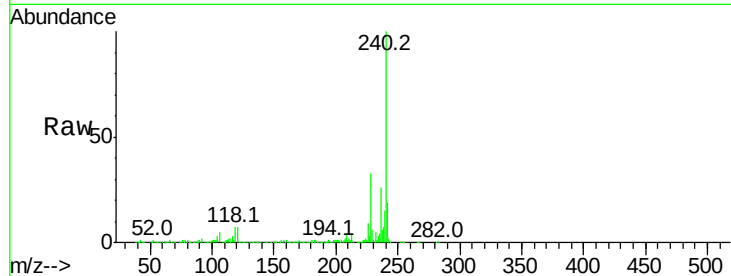
Tot Ion:240 Resp: 565047

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

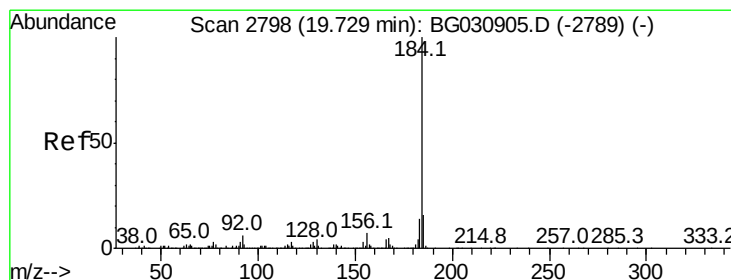
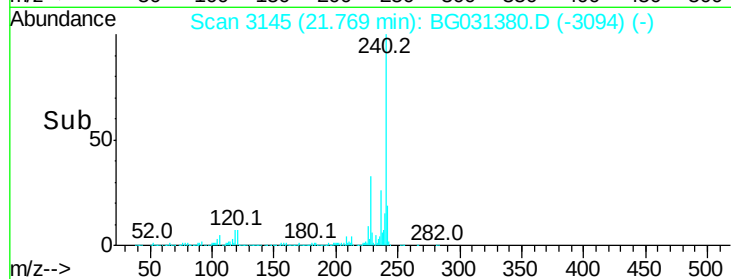
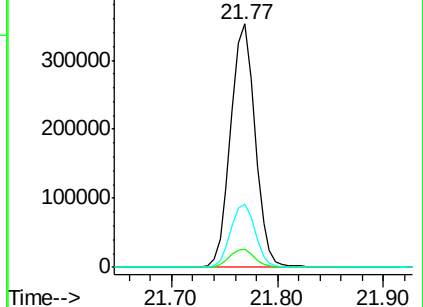
236 26.2 20.9 31.3



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: 5.523 ng

RT: 19.72 min Scan# 2796

Delta R.T. 0.01 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

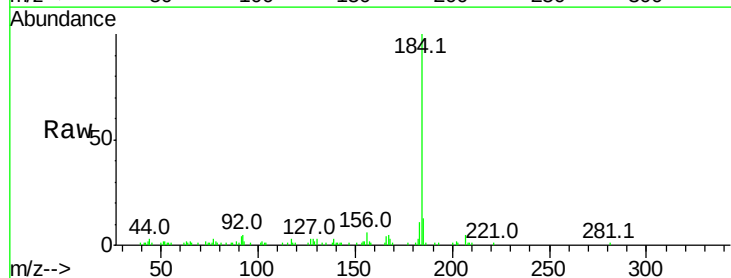
Tgt Ion:184 Resp: 100241

Ion Ratio Lower Upper

184 100

185 13.4 11.1 16.7

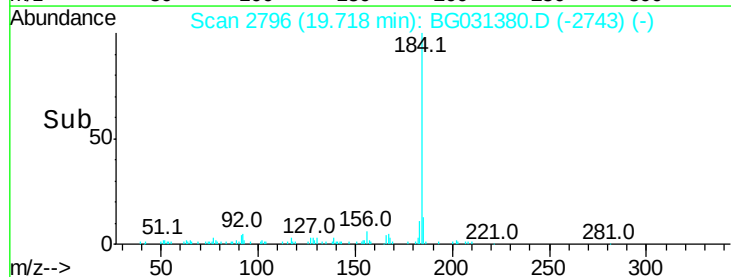
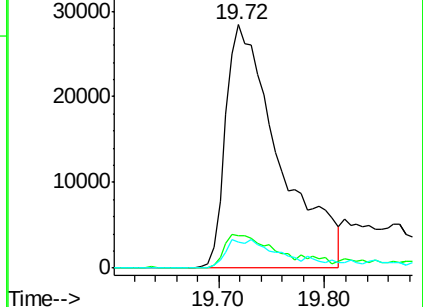
183 10.7 10.6 16.0

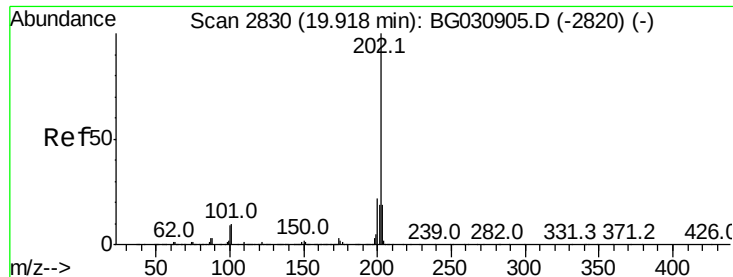


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



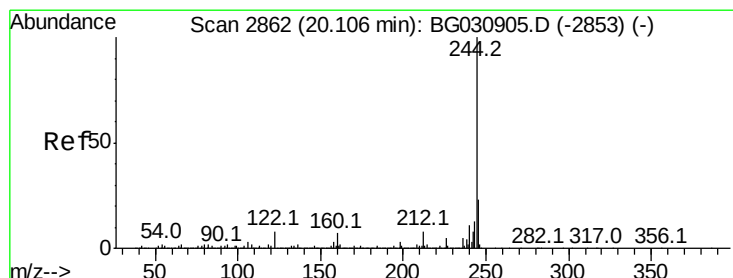
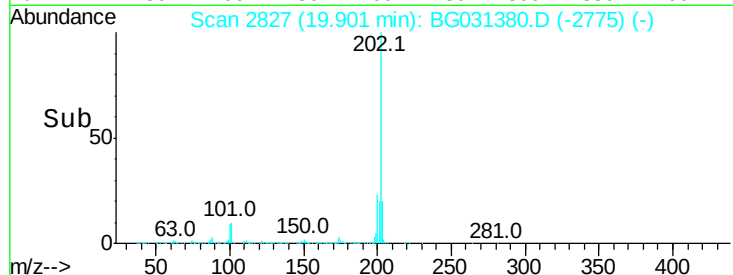
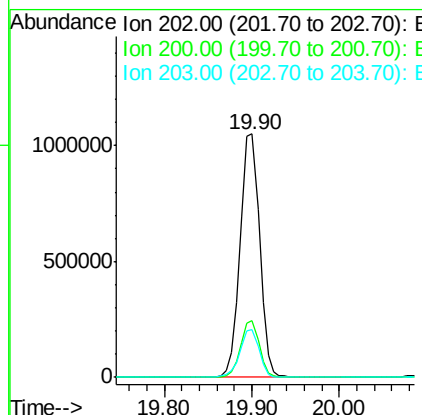
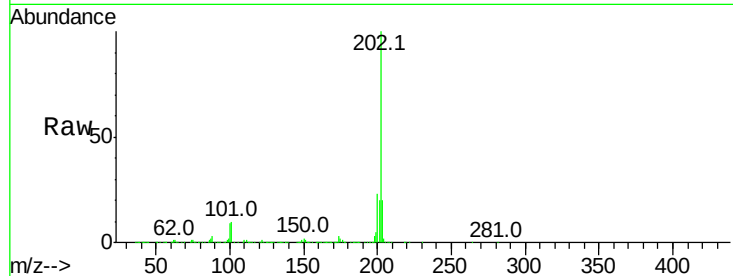


#77
 Pvrene
 Concen: 46.841 ng
 RT: 19.90 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 1570574

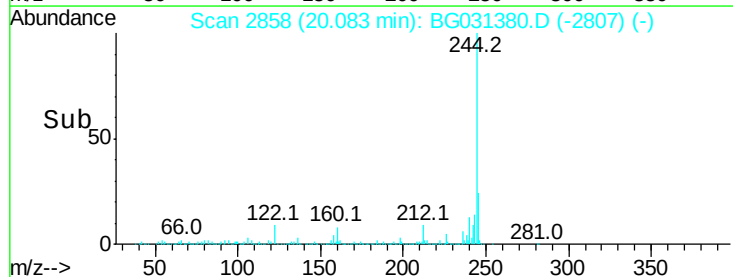
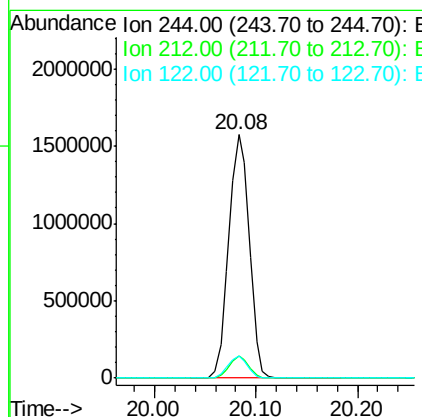
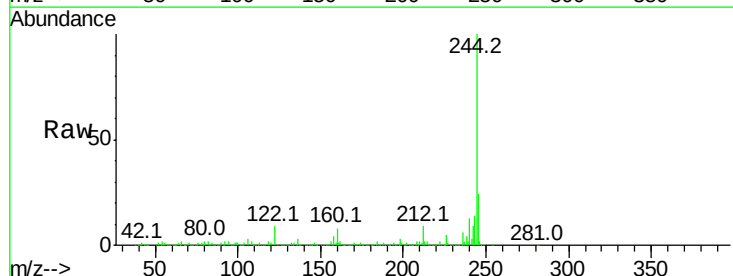
Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.9	25.3
203	19.7	13.9	20.9

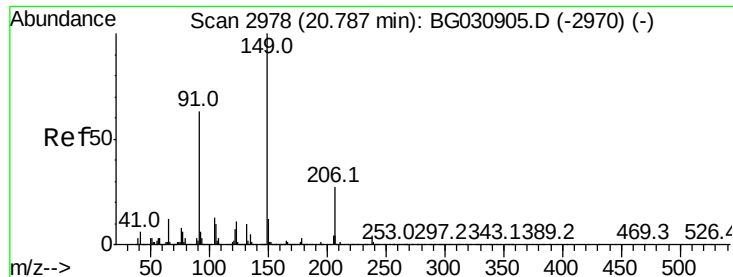


#78
 Terphenyl-d14
 Concen: 86.882 ng
 RT: 20.08 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion:244 Resp: 2223294

Ion	Ratio	Lower	Upper
244	100		
212	9.2	5.8	8.8#
122	9.1	7.0	10.4





#79

Butylbenzylphthalate

Concen: 45.777 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG031380.D

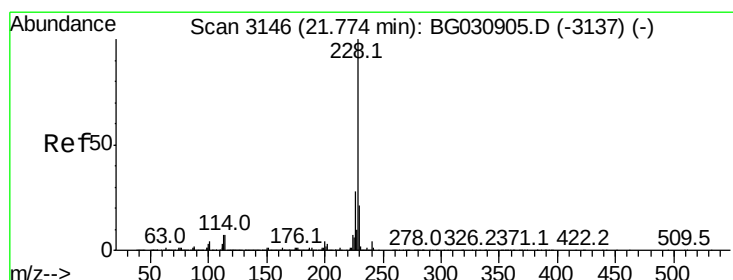
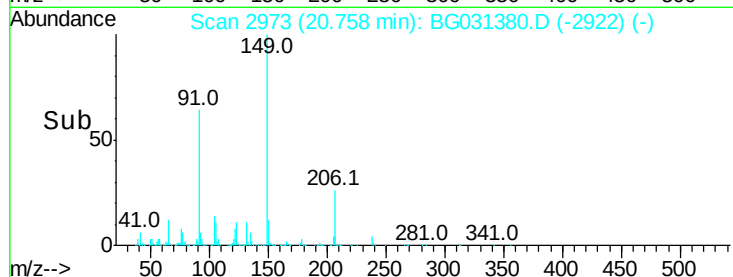
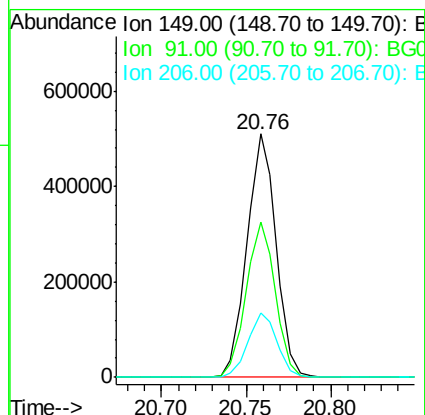
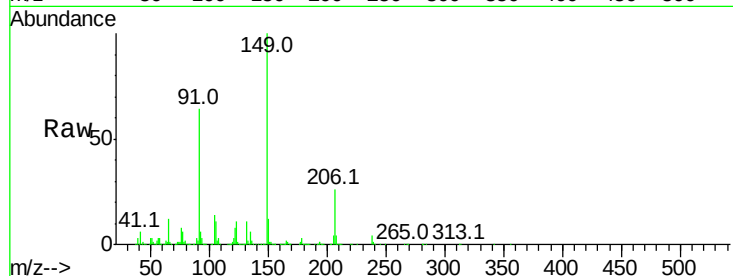
Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	149	Resp:	611987
Ion	Ratio	Lower	Upper
149	100		
91	63.6	62.2	93.2
206	26.4	18.6	27.8



#80

Benzo(a)anthracene

Concen: 44.728 ng

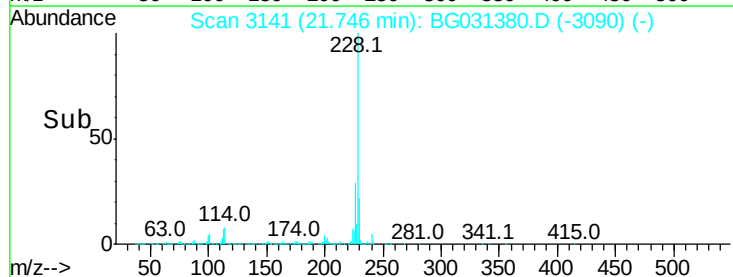
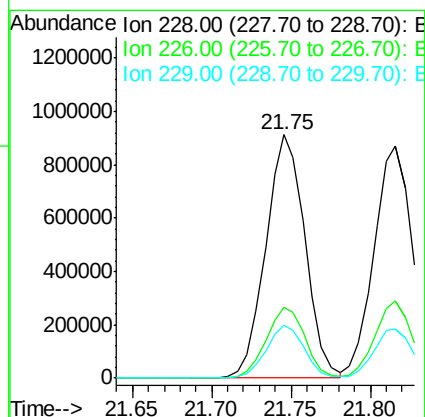
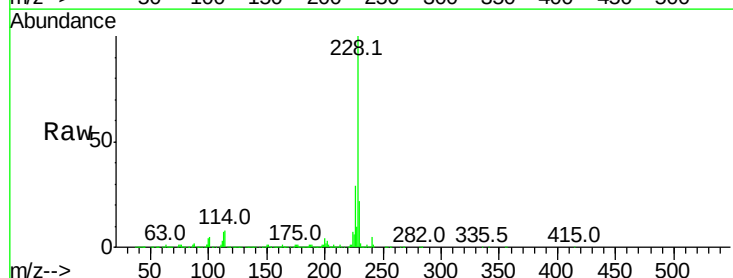
RT: 21.75 min Scan# 3141

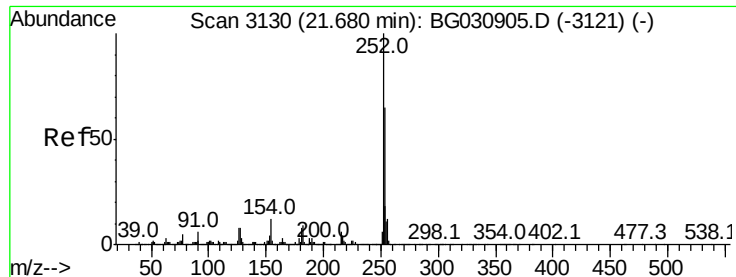
Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Tgt Ion:	228	Resp:	1569896
Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.7	34.1
229	21.7	16.2	24.2

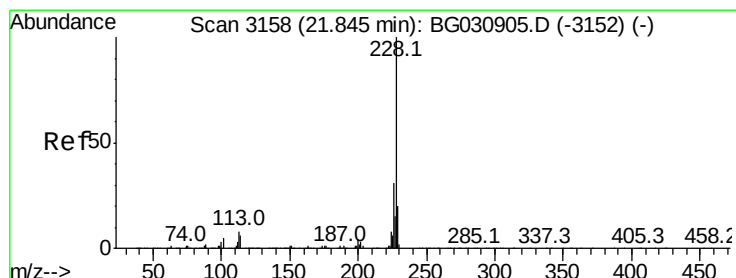
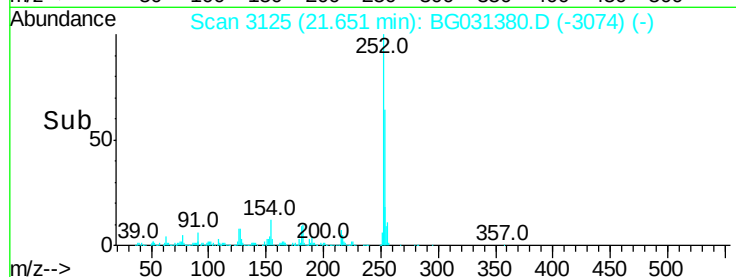
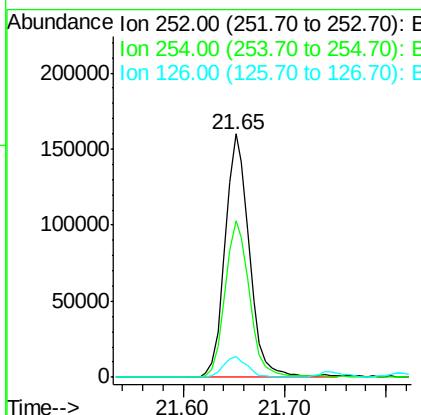
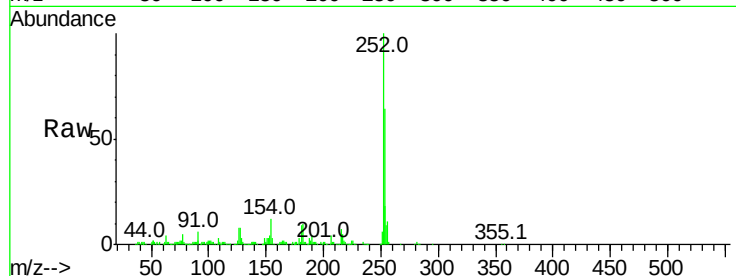




#81
 3,3'-Dichlorobenzidine
 Concen: 18.801 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

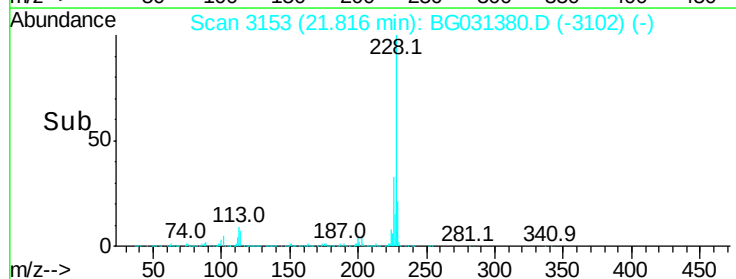
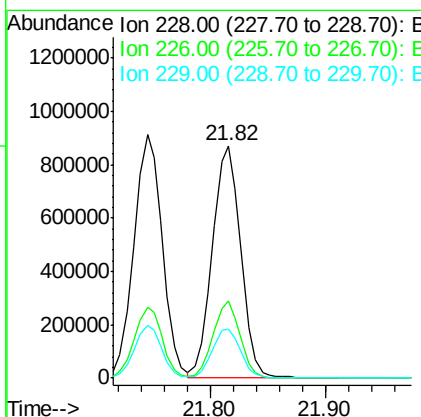
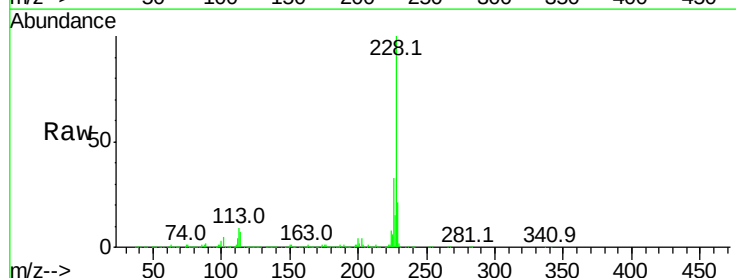
Instrument :
 BNA_G
 ClientSampleId :

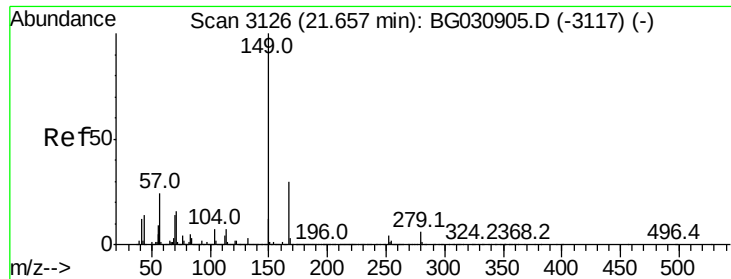
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.8	76.2
126	8.4	7.4	11.2



#82
 Chrysene
 Concen: 45.521 ng
 RT: 21.82 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.9	37.3
229	21.3	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.844 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

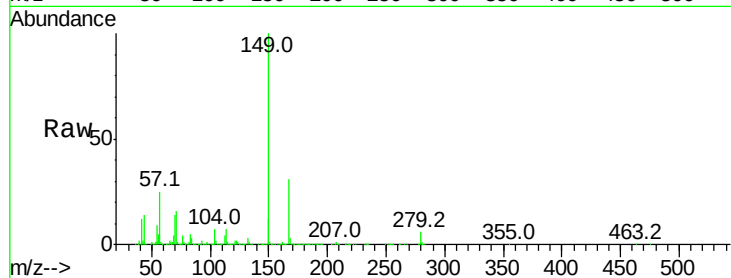
Tot Ion:149 Resp: 846089

Ion Ratio Lower Upper

149 100

167 30.6 24.3 36.5

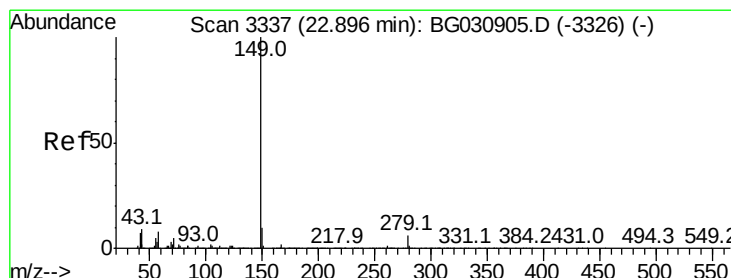
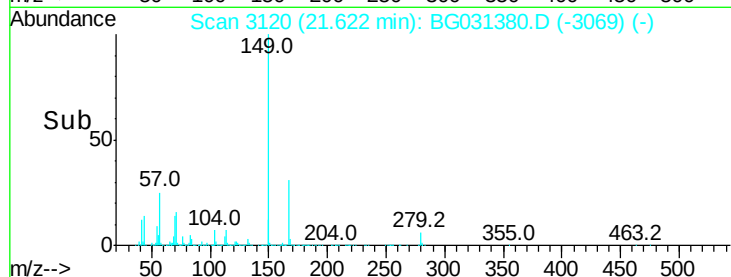
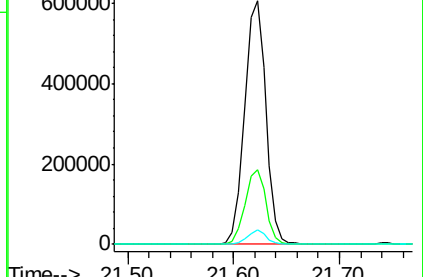
279 5.8 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.264 ng

RT: 22.84 min Scan# 3328

Delta R.T. -0.01 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

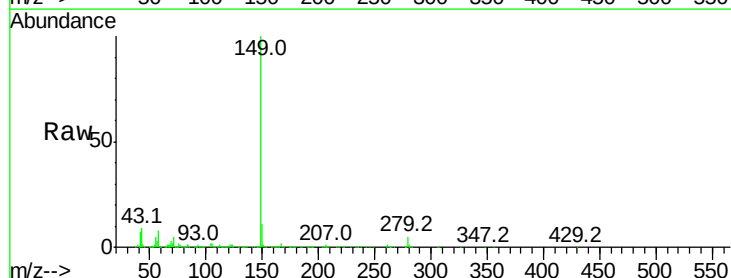
Tgt Ion:149 Resp: 1421733

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

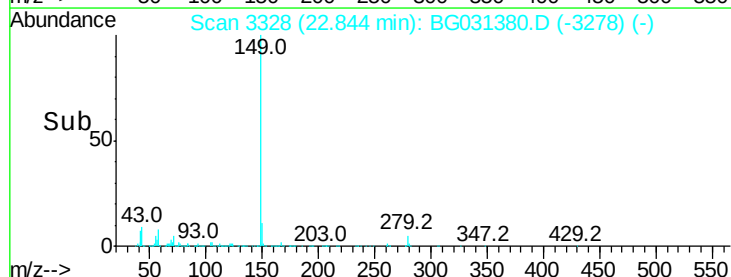
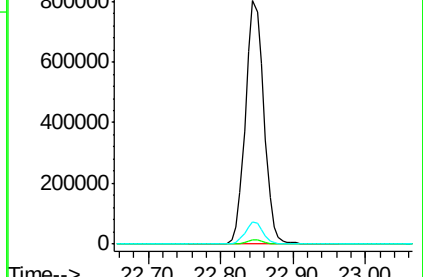
43 8.8 8.9 13.3#

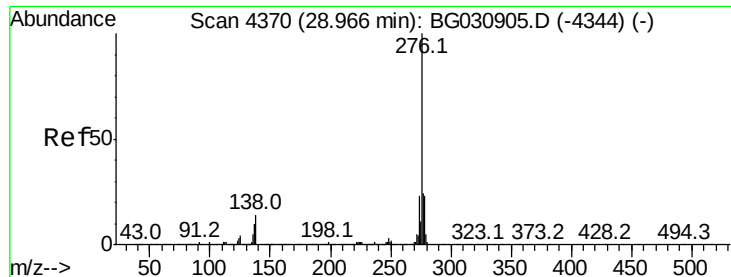


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.883 ng

RT: 28.86 min Scan# 4352

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

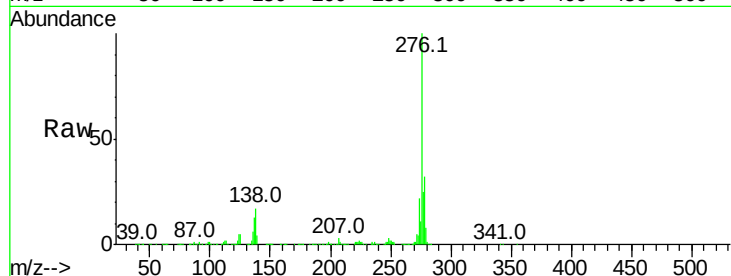
Tot Ion:276 Resp: 1692620

Ion Ratio Lower Upper

276 100

138 19.3 16.0 24.0

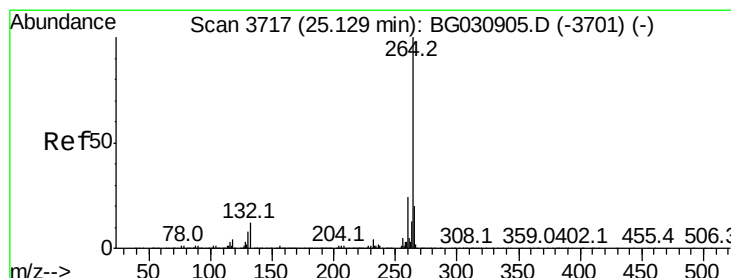
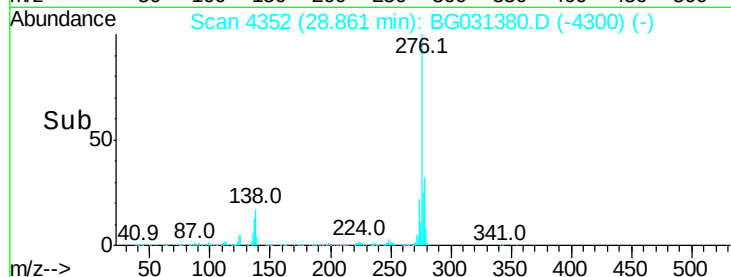
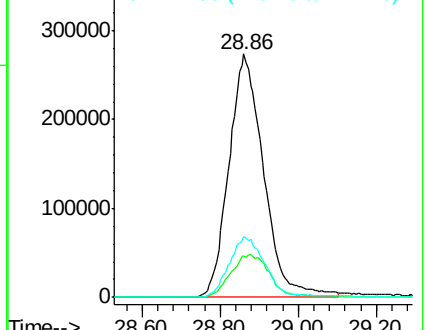
277 25.0 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3706

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

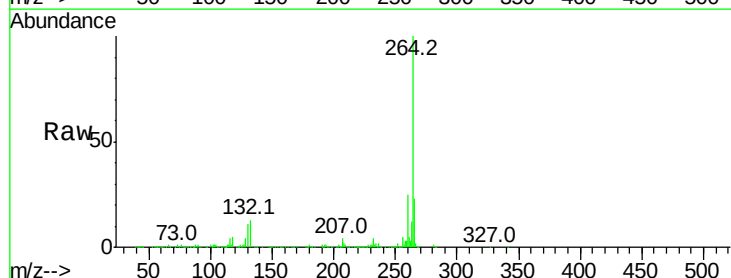
Tgt Ion:264 Resp: 551721

Ion Ratio Lower Upper

264 100

260 25.2 17.4 26.0

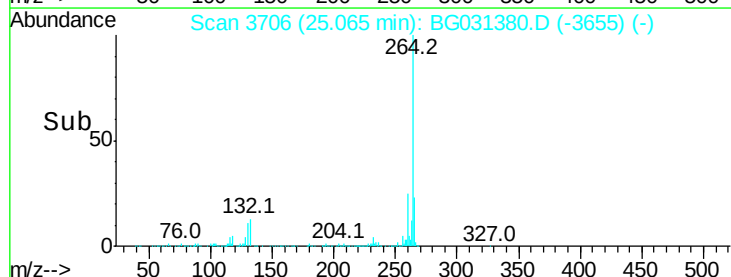
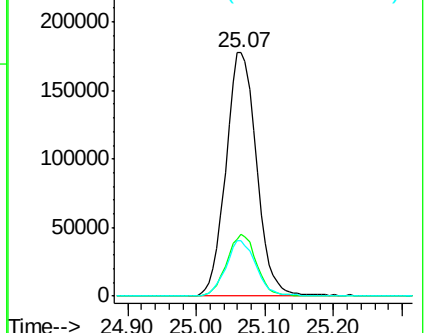
265 22.6 17.7 26.5

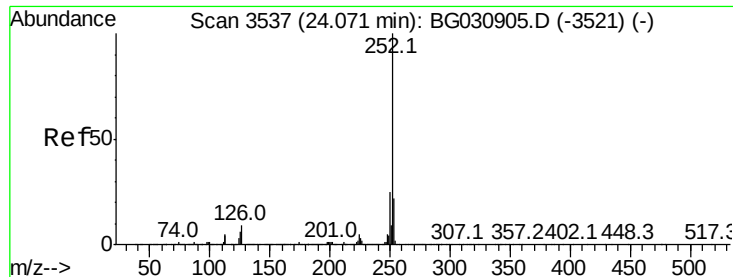


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.643 ng

RT: 24.02 min Scan# 3528

Delta R.T. 0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

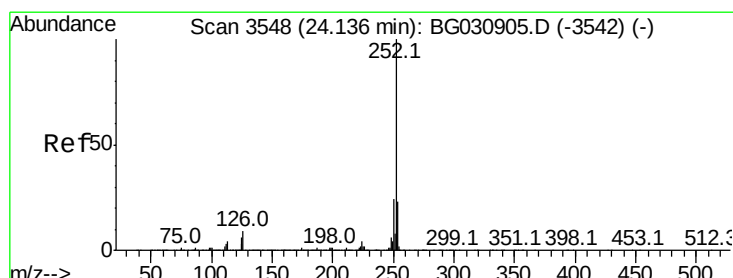
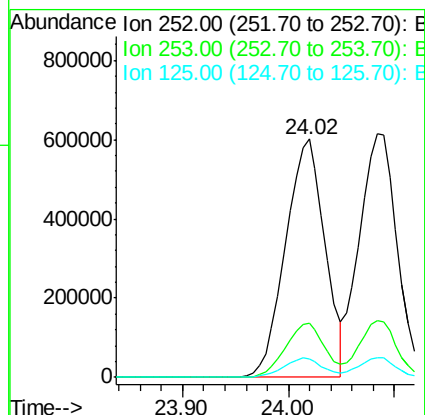
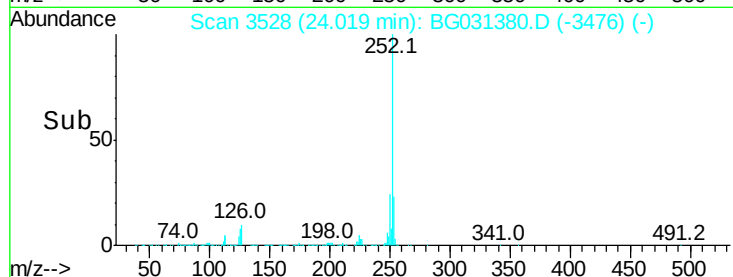
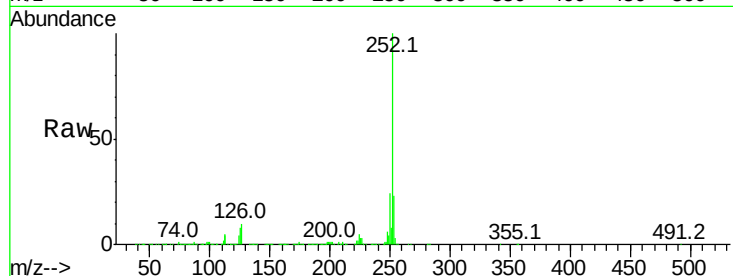
Tot Ion:252 Resp: 1556637

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 7.8 7.2 10.8



#88

Benzo(k)fluoranthene

Concen: 46.531 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

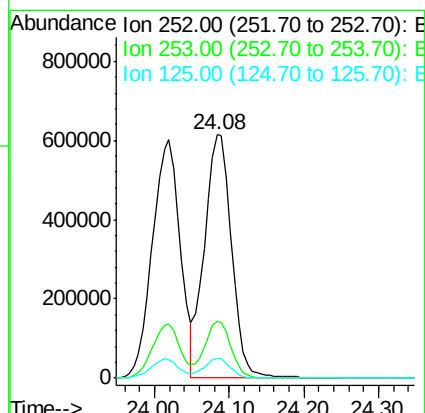
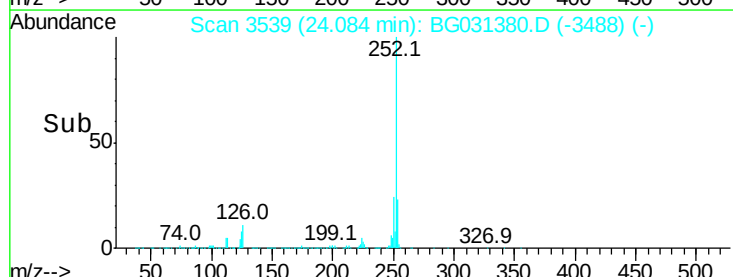
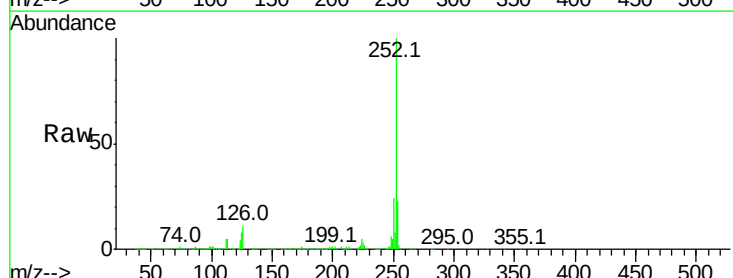
Tgt Ion:252 Resp: 1539248

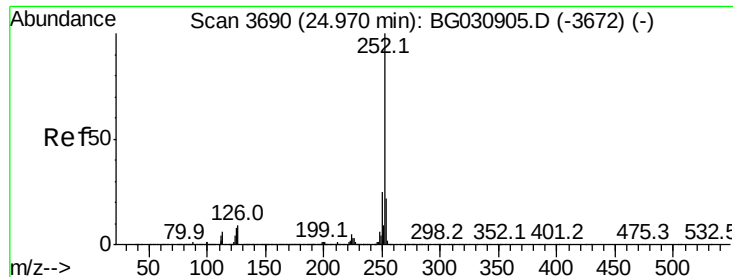
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 8.0 6.6 9.8





#89

Benzo(a)pyrene

Concen: 47.909 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.00 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

Instrument :

BNA_G

ClientSampleId :

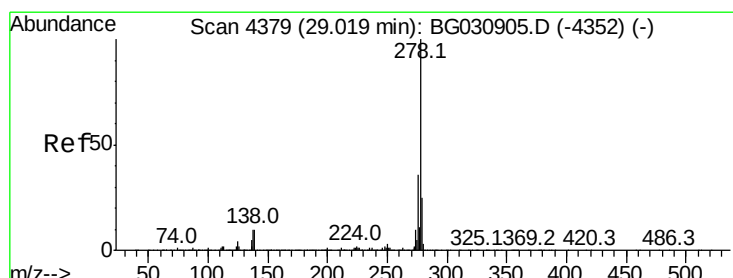
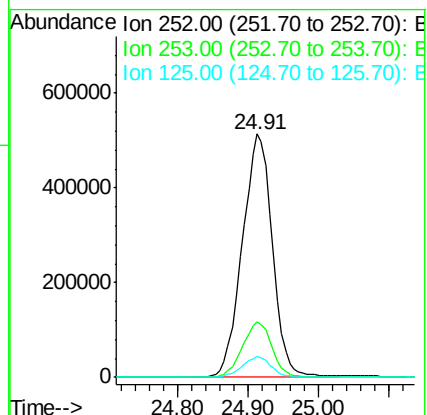
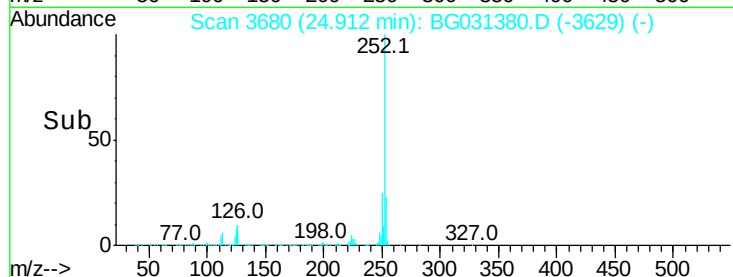
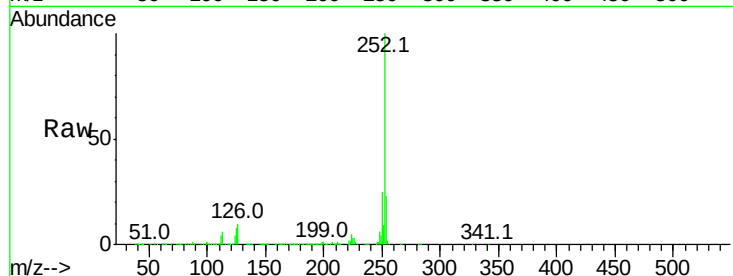
Tot Ion:252 Resp: 1518936

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	8.4	7.3	10.9

252 100

253 22.5 18.3 27.5

125 8.4 7.3 10.9



#90

Dibenzo(a,h)anthracene

Concen: 43.844 ng

RT: 28.91 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG031380.D

Acq: 6 Dec 2017 20:50

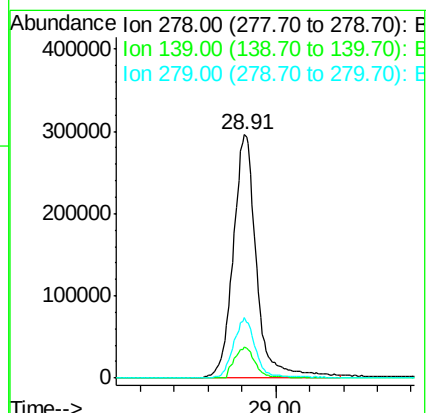
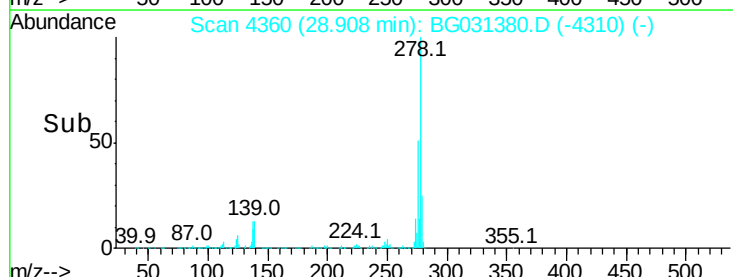
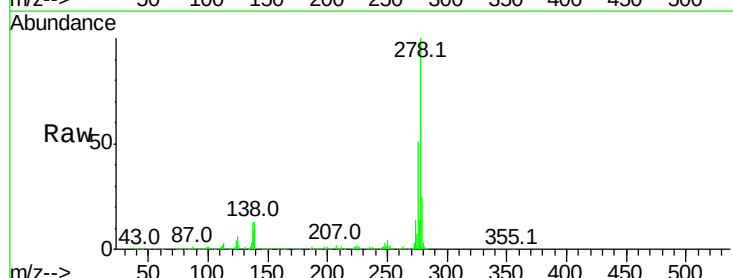
Tgt Ion:278 Resp: 1420796

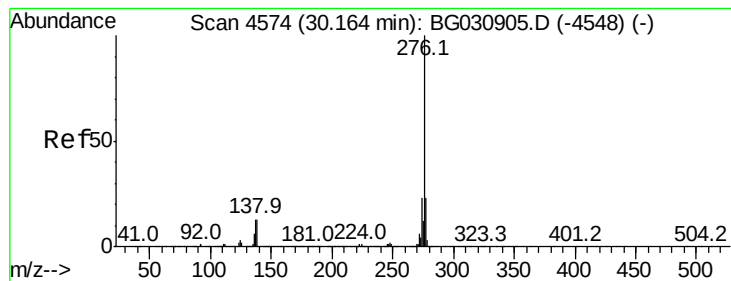
Ion	Ratio	Lower	Upper
278	100		
139	12.6	9.8	14.6
279	24.7	18.4	27.6

278 100

139 12.6 9.8 14.6

279 24.7 18.4 27.6





#91
 Benzo(a,h,i)perylene
 Concen: 43.509 ng
 RT: 30.04 min Scan# 4553
 Delta R.T. -0.00 min
 Lab File: BG031380.D
 Acq: 6 Dec 2017 20:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1368416

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	17.1	13.9	20.9

