

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
 Data File : BG031431.D
 Acq On : 8 Dec 2017 19:51
 Operator : SJ/JU
 Sample : PB104848BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 08 23:57:53 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	8.12	152	34542	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	175477	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	132677	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	370294	20.00	ng	0.00
75) Chrysene-d12	21.77	240	401681	20.00	ng	0.00
86) Perylene-d12	25.06	264	394958	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	308996	153.39	ng	0.00
7) Phenol-d6	7.29	99	432252	159.28	ng	0.00
23) Nitrobenzene-d5	9.29	82	268358	90.62	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	248828	115.93	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	830394	89.93	ng	0.00
78) Terphenyl-d14	20.08	244	1643289	90.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	23221	28.406	ng	# 86
3) Pyridine	3.94	79	73649	31.034	ng	98
4) n-Nitrosodimethylamine	3.85	42	45760	40.685	ng	87
6) Aniline	7.45	93	69658	19.504	ng	95
8) 2-Chlorophenol	7.69	128	112783	50.735	ng	91
9) Benzaldehyde	7.26	77	36613	19.279	ng	89
10) Phenol	7.32	94	151371	53.710	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	103451	45.973	ng	90
12) 1,3-Dichlorobenzene	8.01	146	113777	43.624	ng	97
13) 1,4-Dichlorobenzene	8.16	146	116938	44.245	ng	95
14) 1,2-Dichlorobenzene	8.48	146	113787	44.855	ng	98
15) Benzyl Alcohol	8.36	79	105519	48.474	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	168788	67.907	ng	93
17) 2-Methylphenol	8.58	107	103414	52.693	ng	94
18) Hexachloroethane	9.21	117	41490	45.104	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	92766	44.957	ng	# 97
20) 3+4-Methylphenols	8.90	107	146150	52.371	ng	96
22) Acetophenone	8.95	105	170481	39.019	ng	# 93
24) Nitrobenzene	9.33	77	134175	44.356	ng	93
25) Isophorone	9.86	82	270281	46.799	ng	# 92
26) 2-Nitrophenol	10.06	139	71245	45.184	ng	# 86
27) 2,4-Dimethylphenol	10.11	122	124994	53.397	ng	92
28) bis(2-Chloroethoxy)methane	10.33	93	163213	44.870	ng	95
29) 2,4-Dichlorophenol	10.60	162	143022	50.881	ng	89
30) 1,2,4-Trichlorobenzene	10.80	180	142326	42.410	ng	97
31) Naphthalene	10.99	128	368024	42.663	ng	98
32) Benzoic acid	10.24	122	21606	15.436	ng	# 78
33) 4-Chloroaniline	11.11	127	64022	16.954	ng	95
34) Hexachlorobutadiene	11.27	225	91013	39.105	ng	95
35) Caprolactam	11.88	113	33030	28.765	ng	# 84
36) 4-Chloro-3-methylphenol	12.22	107	157324	51.424	ng	90
37) 2-Methylnaphthalene	12.59	142	306200	45.981	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	190040	36.089	ng	97
40) Hexachlorocyclopentadiene	12.92	237	148275	76.649	ng	92

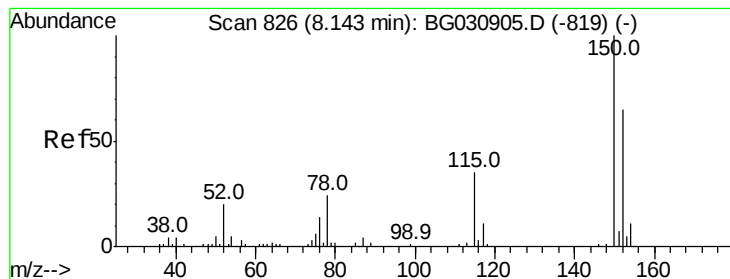
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120817\
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Quant Time: Dec 08 23:57:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 17:58:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	140115	46.545	ng	98
43) 2,4,5-Trichlorophenol	13.28	196	154214	46.821	ng	93
45) 1,1'-Biphenyl	13.58	154	422785	38.428	ng	99
46) 2-Chloronaphthalene	13.63	162	350474	44.151	ng	96
47) 2-Nitroaniline	13.83	65	111777	47.508	ng	# 88
48) Acenaphthylene	14.47	152	555480	42.755	ng	99
49) Dimethylphthalate	14.20	163	518827	45.226	ng	99
50) 2,6-Dinitrotoluene	14.32	165	115858	48.999	ng	# 83
51) Acenaphthene	14.81	154	342956	42.266	ng	99
52) 3-Nitroaniline	14.66	138	50879	20.265	ng	# 80
53) 2,4-Dinitrophenol	14.89	184	33662	29.846	ng	# 58
54) Dibenzofuran	15.14	168	586031	45.343	ng	99
55) 4-Nitrophenol	14.99	139	157672	88.161	ng	# 87
56) 2,4-Dinitrotoluene	15.12	165	166995	48.853	ng	# 77
57) Fluorene	15.79	166	473766	45.151	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	158252	50.413	ng	# 90
59) Diethylphthalate	15.55	149	528262	45.333	ng	98
60) 4-Chlorophenyl-phenylether	15.78	204	284910	44.959	ng	92
61) 4-Nitroaniline	15.82	138	123633	46.504	ng	94
62) Azobenzene	16.07	77	442264	49.766	ng	96
64) 4,6-Dinitro-2-methylphenol	15.89	198	54524	22.152	ng	76
65) n-Nitrosodiphenylamine	15.99	169	452881	40.361	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	190382	40.594	ng	98
67) Hexachlorobenzene	16.80	284	192267	38.582	ng	98
68) Atrazine	16.94	200	195835	42.300	ng	94
69) Pentachlorophenol	17.15	266	162134	58.859	ng	99
70) Phenanthrene	17.54	178	843496	43.750	ng	98
71) Anthracene	17.62	178	868445	44.954	ng	99
72) Carbazole	17.89	167	784971	43.365	ng	98
73) Di-n-butylphthalate	18.43	149	929502	41.821	ng	100
74) Fluoranthene	19.53	202	1105980	45.306	ng	98
76) Benzidine	19.71	184	298555	23.139	ng	98
77) Pyrene	19.90	202	1118386	46.921	ng	98
79) Butylbenzylphthalate	20.75	149	422746	44.482	ng	90
80) Benzo(a)anthracene	21.74	228	1105705	44.316	ng	99
81) 3,3'-Dichlorobenzidine	21.65	252	211423	20.992	ng	100
82) Chrysene	21.81	228	1054876	45.704	ng	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	603542	43.995	ng	98
84) Di-n-octyl phthalate	22.84	149	1027607	46.022	ng	96
85) Indeno(1,2,3-cd)pyrene	28.85	276	1196951	42.659	ng	# 79
87) Benzo(b)fluoranthene	24.01	252	1096150	45.881	ng	98
88) Benzo(k)fluoranthene	24.08	252	1066874	45.052	ng	98
89) Benzo(a)pyrene	24.91	252	1055136	46.490	ng	99
90) Dibenzo(a,h)anthracene	28.90	278	998165	43.028	ng	98
91) Benzo(g,h,i)perylene	30.04	276	1001155	44.466	ng	100

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

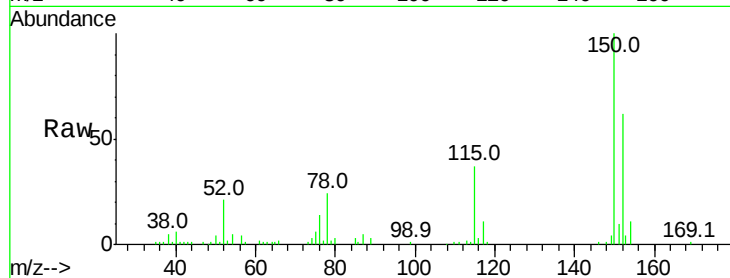
Tot Ion:152 Resp: 34542

Ion Ratio Lower Upper

152 100

150 161.4 126.6 189.8

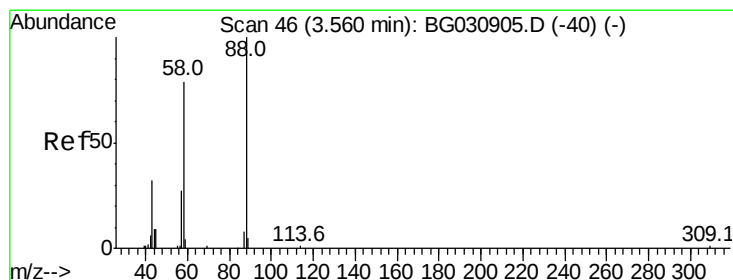
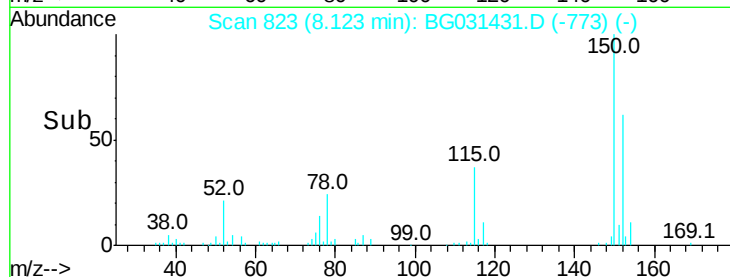
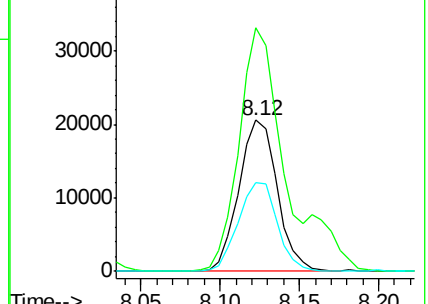
115 59.1 53.0 79.4



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: 28.406 ng

RT: 3.53 min Scan# 42

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

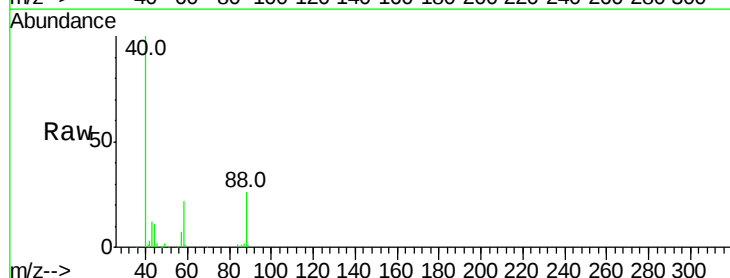
Tgt Ion: 88 Resp: 23221

Ion Ratio Lower Upper

88 100

58 87.9 79.6 119.4

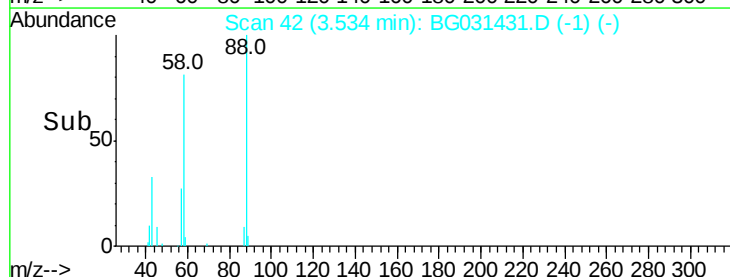
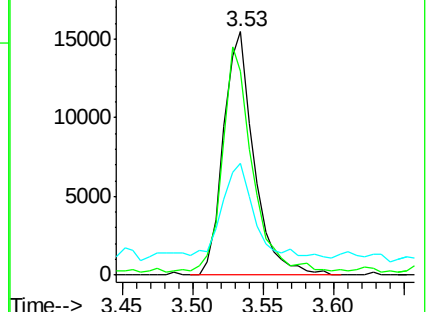
43 45.5 27.4 41.0#

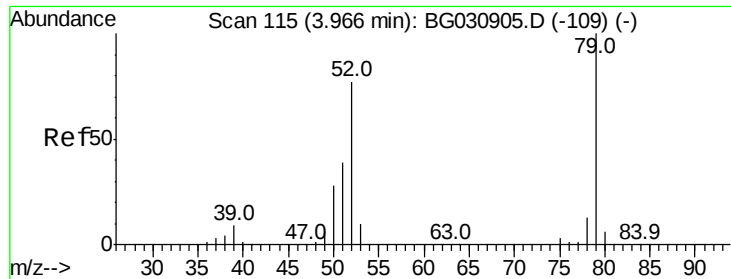


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

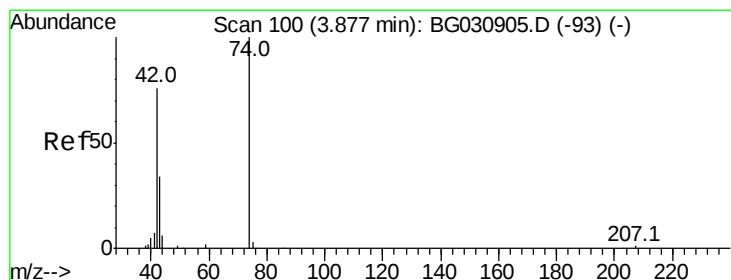
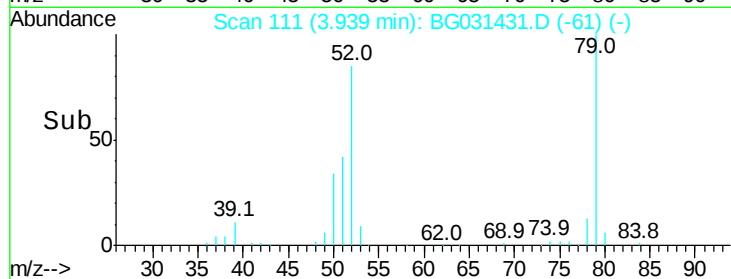
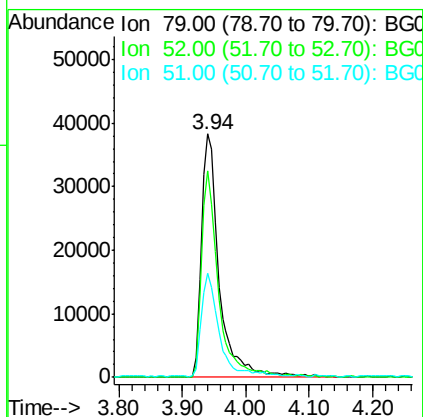
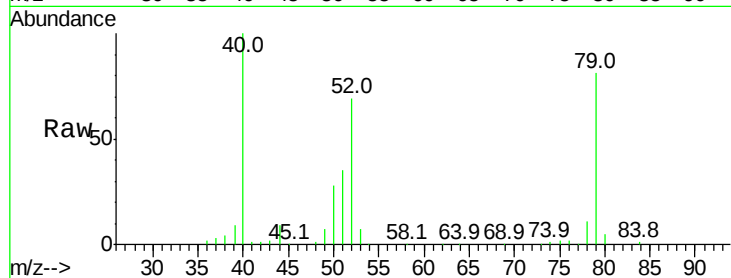




#3
 Pvrindine
 Concen: 31.034 ng
 RT: 3.94 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

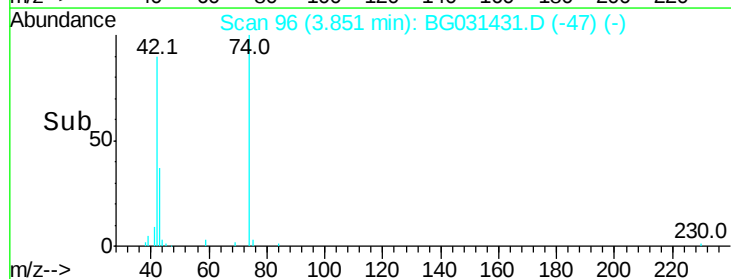
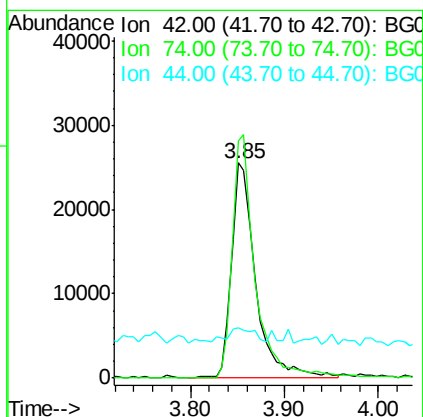
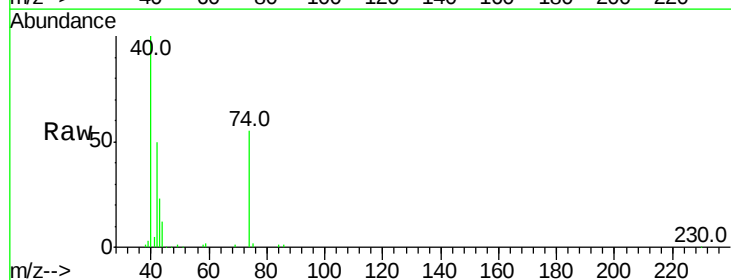
Instrument :
 BNA_G
 ClientSampleId :

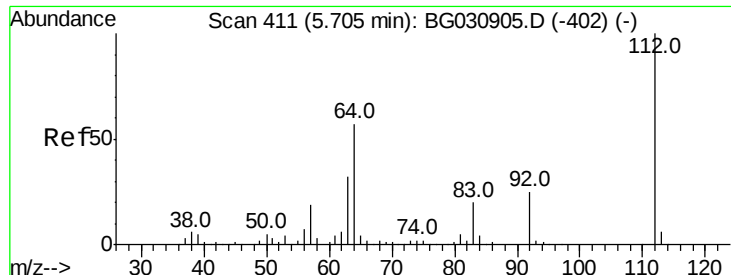
Tot Ion: 79 Resp: 73649
 Ion Ratio Lower Upper
 79 100
 52 84.8 69.9 104.9
 51 43.0 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 40.685 ng
 RT: 3.85 min Scan# 96
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion: 42 Resp: 45760
 Ion Ratio Lower Upper
 42 100
 74 110.6 102.5 153.7
 44 23.5 18.9 28.3





#5

2-Fluorophenol

Concen: 153.394 ng

RT: 5.68 min Scan# 408

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampled :

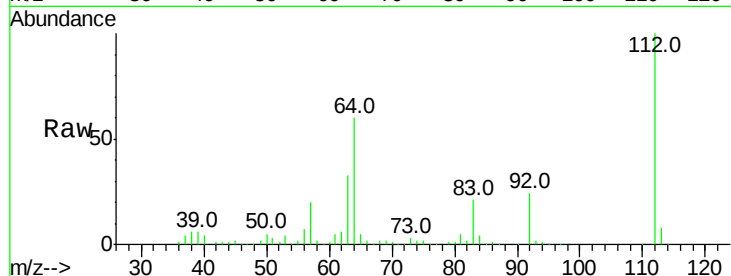
Tot Ion:112 Resp: 308996

Ion Ratio Lower Upper

112 100

64 60.1 56.3 84.5

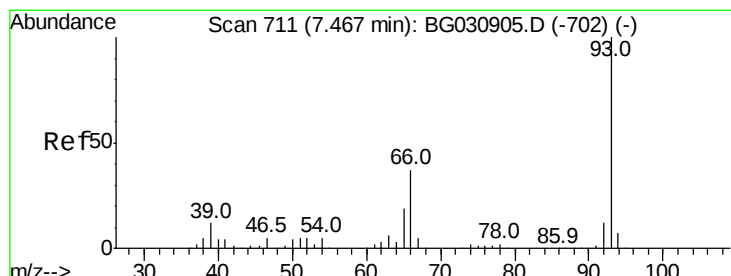
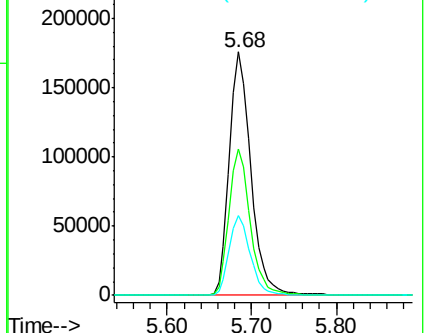
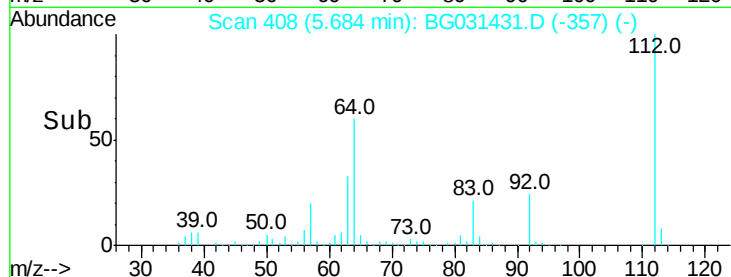
63 32.6 30.1 45.1



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: 19.504 ng

RT: 7.45 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

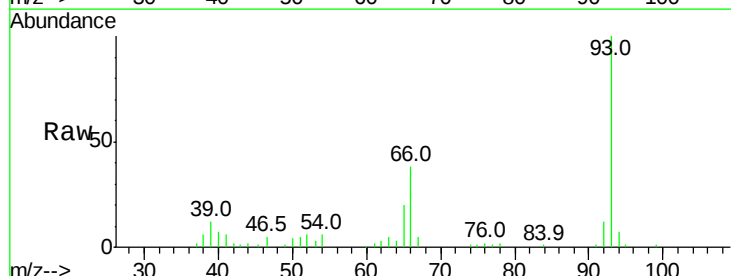
Tgt Ion: 93 Resp: 69658

Ion Ratio Lower Upper

93 100

66 37.7 33.7 50.5

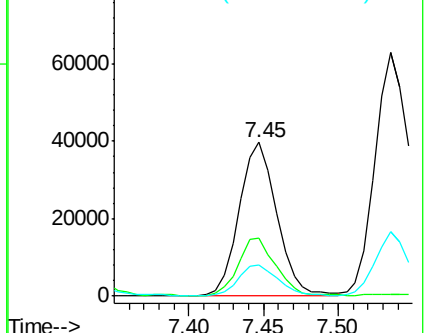
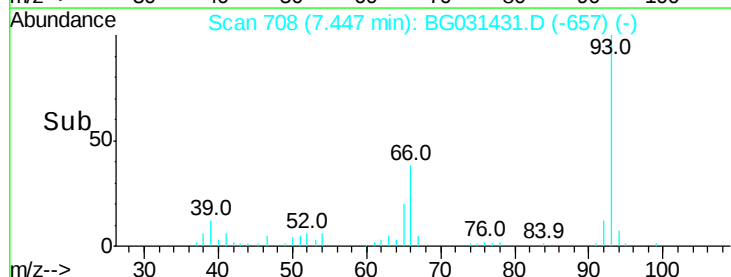
65 20.2 16.1 24.1

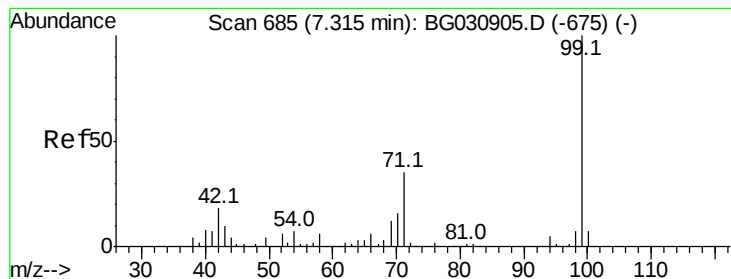


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 159.278 ng

RT: 7.29 min Scan# 682

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

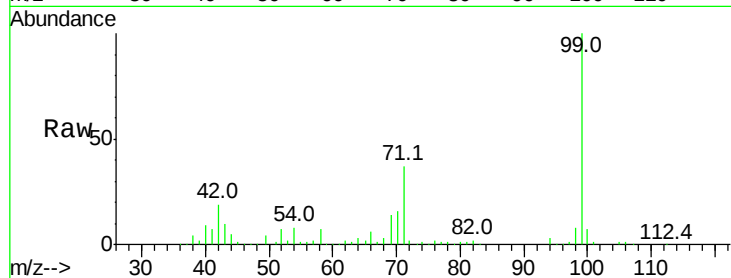
Tot Ion: 99 Resp: 432252

Ion Ratio Lower Upper

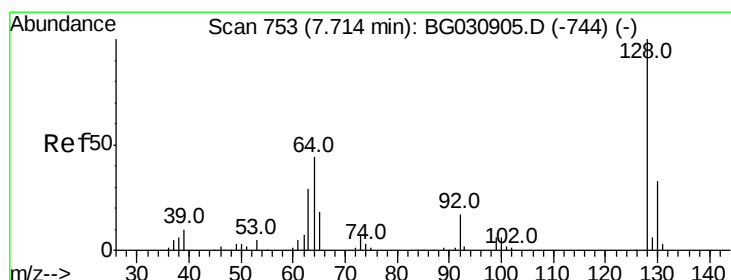
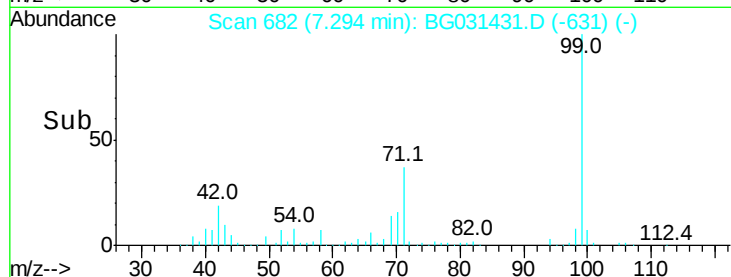
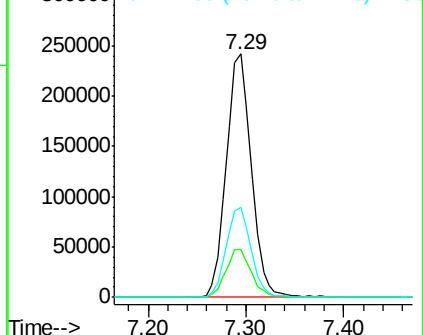
99 100

42 19.5 14.1 21.1

71 36.8 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 50.735 ng

RT: 7.69 min Scan# 750

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

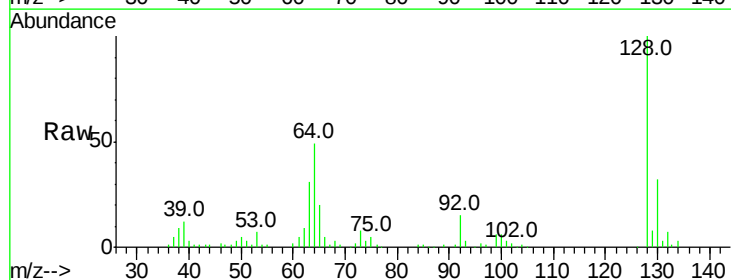
Tgt Ion: 128 Resp: 112783

Ion Ratio Lower Upper

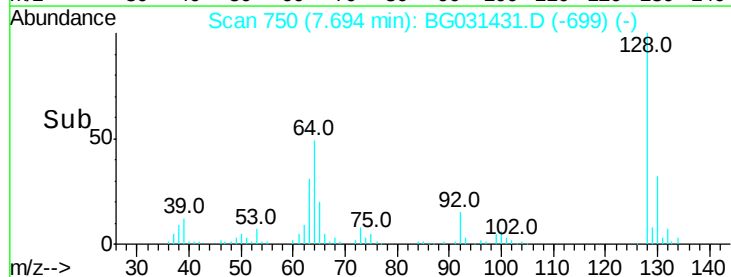
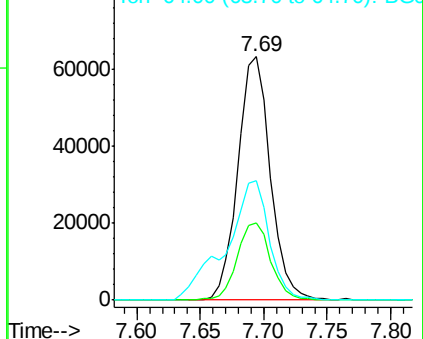
128 100

130 32.0 14.0 54.0

64 49.0 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 19.279 ng

RT: 7.26 min Scan# 677

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampled :

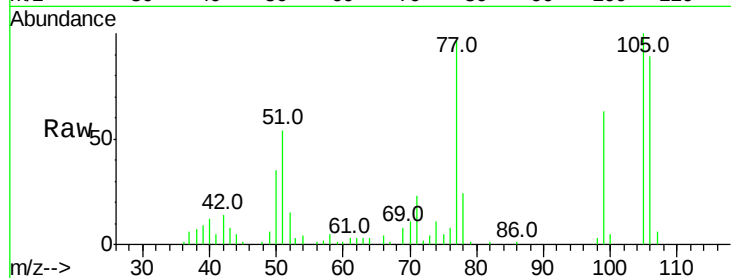
Tot Ion: 77 Resp: 36613

Ion Ratio Lower Upper

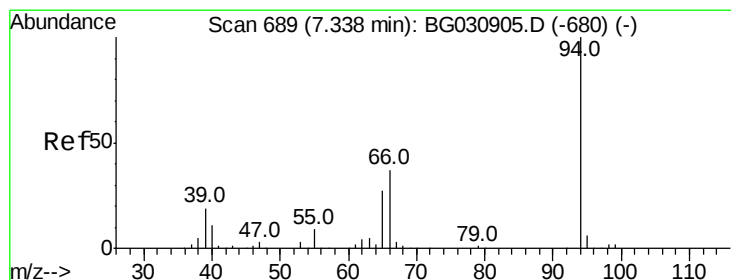
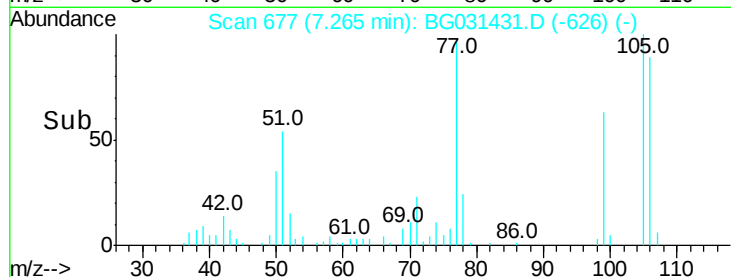
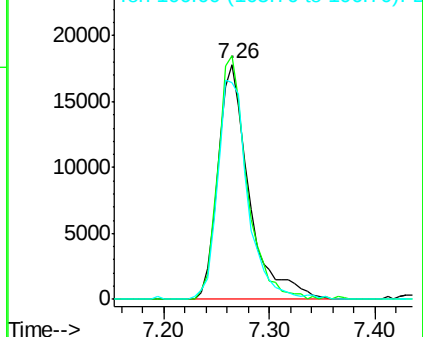
77 100

105 103.5 71.3 111.3

106 92.3 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: 53.710 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

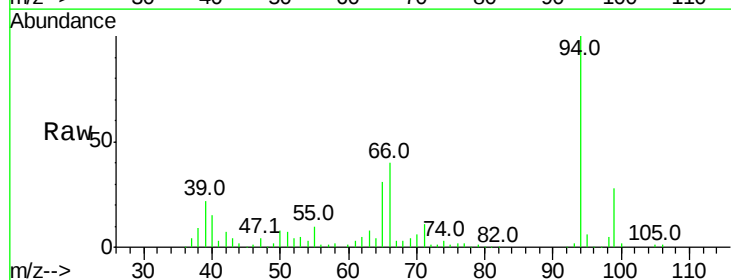
Tgt Ion: 94 Resp: 151371

Ion Ratio Lower Upper

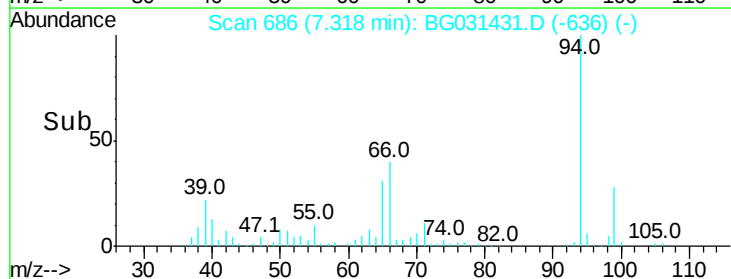
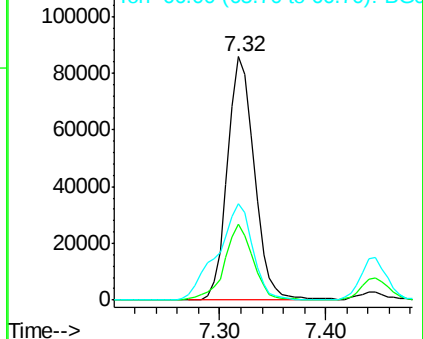
94 100

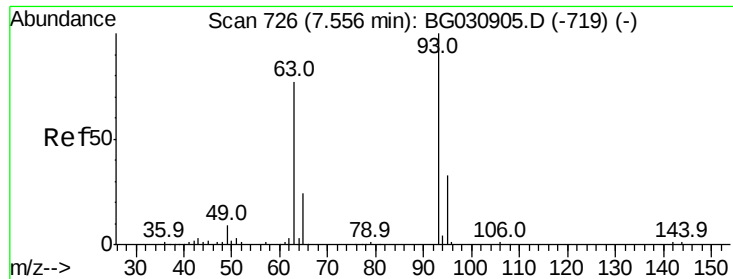
65 31.1 11.9 51.9

66 39.5 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

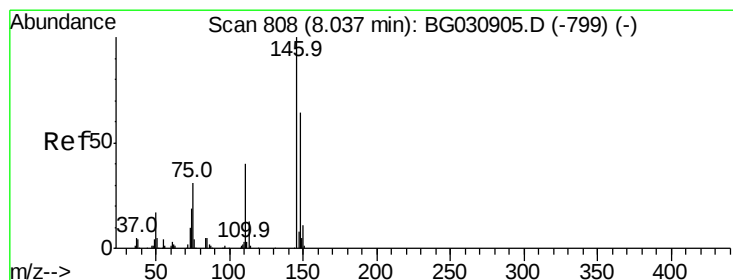
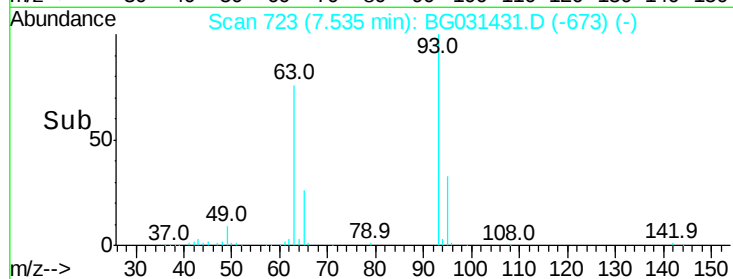
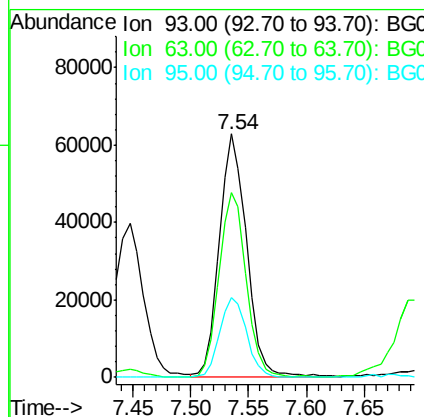
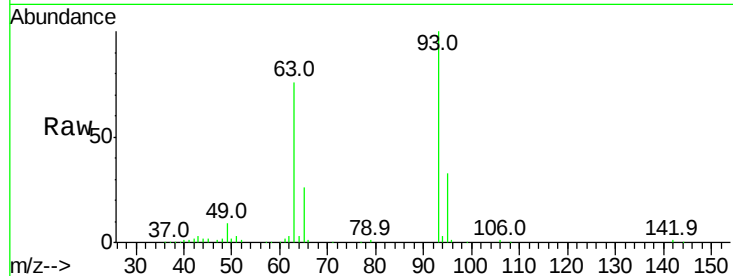




#11
 bis(2-Chloroethyl)ether
 Concen: 45.973 ng
 RT: 7.54 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

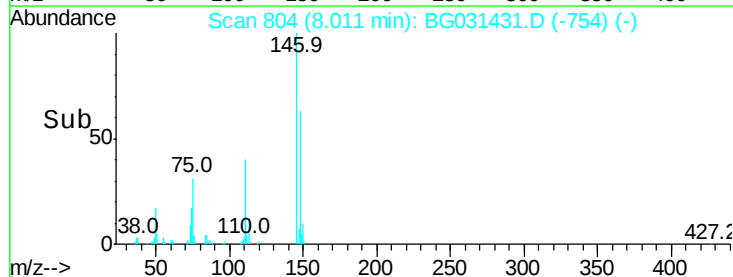
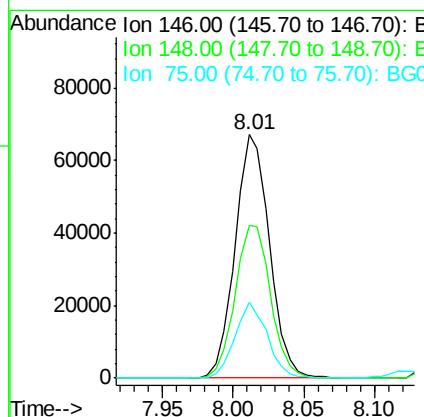
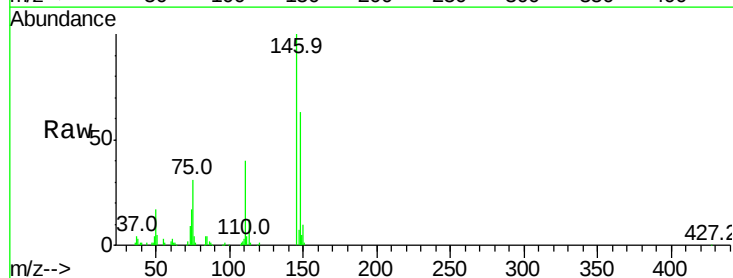
Instrument :
 BNA_G
 ClientSampleId :

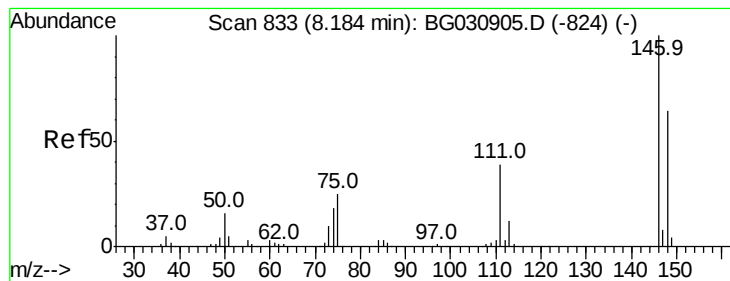
Tot Ion: 93 Resp: 103451
 Ion Ratio Lower Upper
 93 100
 63 75.8 67.1 107.1
 95 32.7 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 43.624 ng
 RT: 8.01 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion: 146 Resp: 113777
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.4 77.2
 75 31.1 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 44.245 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

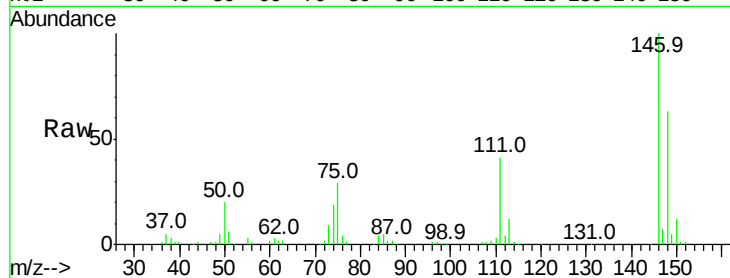
Tot Ion:146 Resp: 116938

Ion Ratio Lower Upper

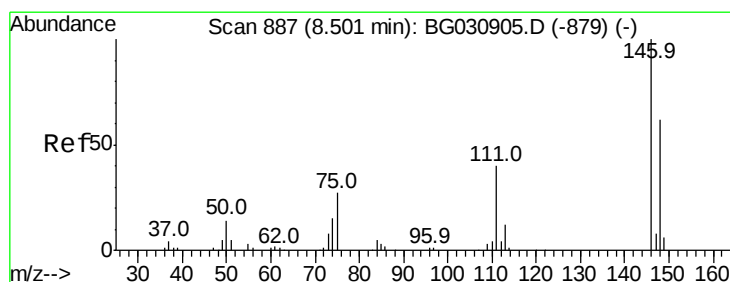
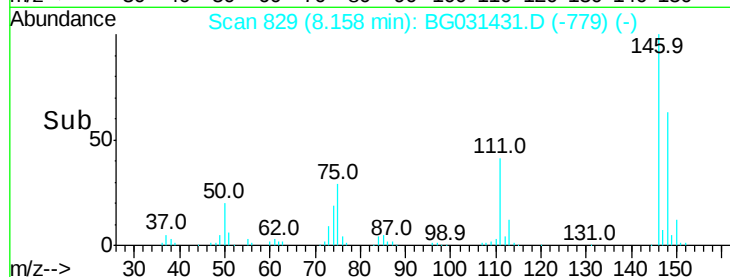
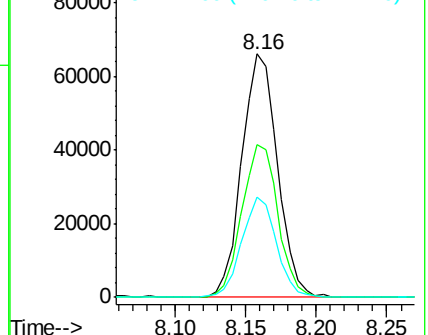
146 100

148 62.8 53.7 80.5

111 40.9 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: 44.855 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

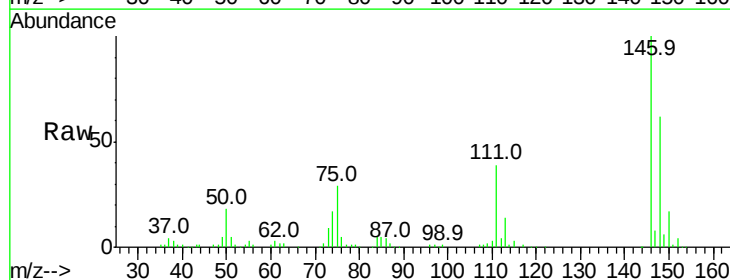
Tgt Ion:146 Resp: 113787

Ion Ratio Lower Upper

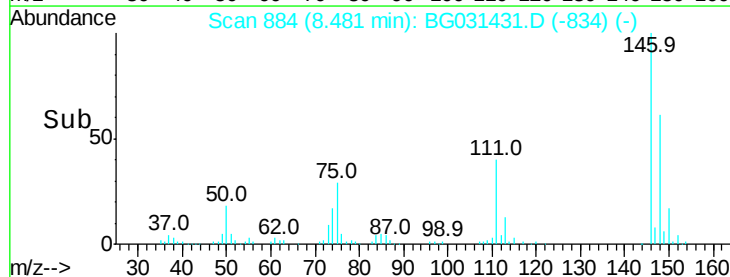
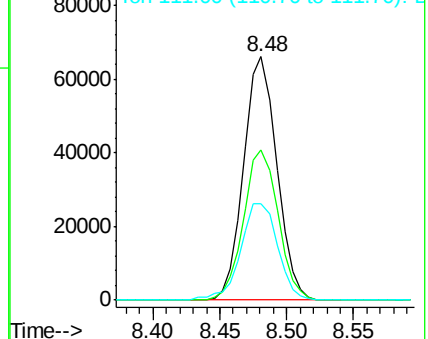
146 100

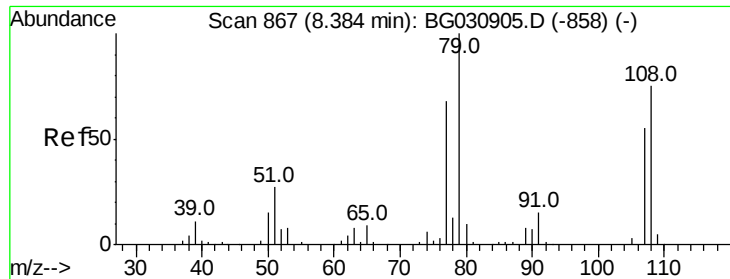
148 61.6 49.3 73.9

111 39.4 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: 48.474 ng

RT: 8.36 min Scan# 864

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :
BNA_G
ClientSampled :

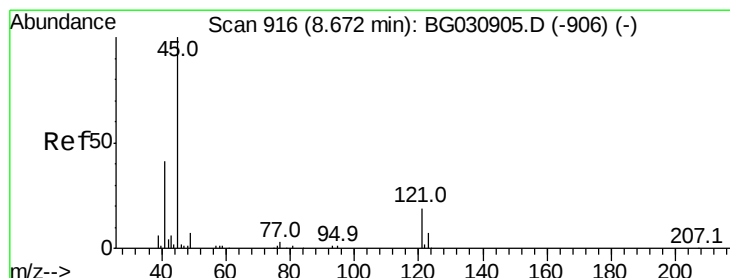
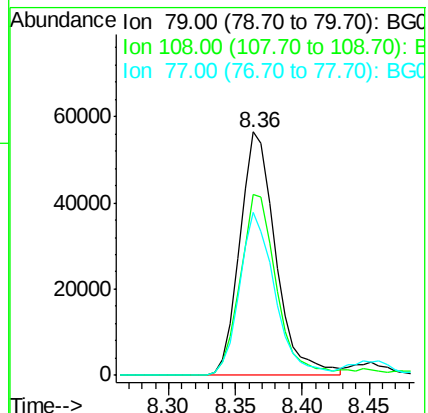
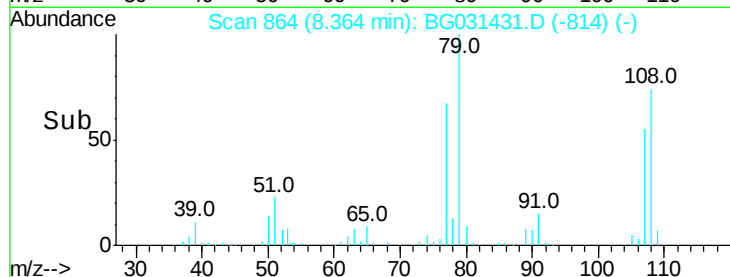
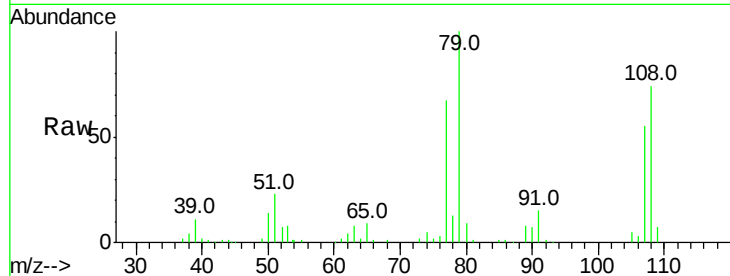
Tot Ion: 79 Resp: 105519

Ion Ratio Lower Upper

79 100

108 74.4 57.2 85.8

77 67.0 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 67.907 ng

RT: 8.65 min Scan# 913

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

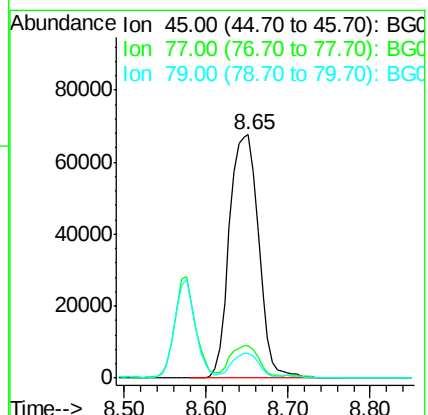
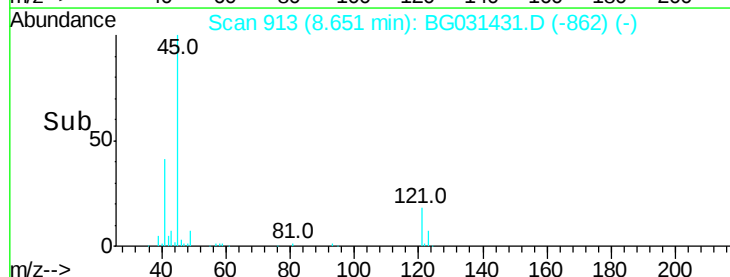
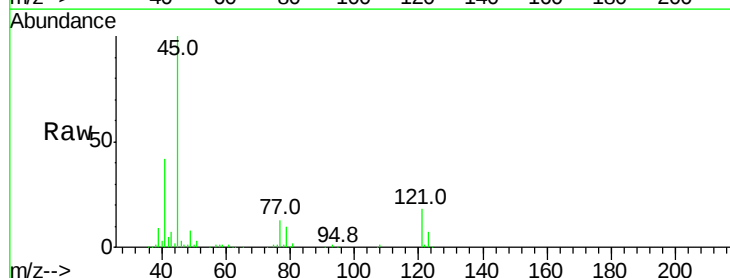
Tgt Ion: 45 Resp: 168788

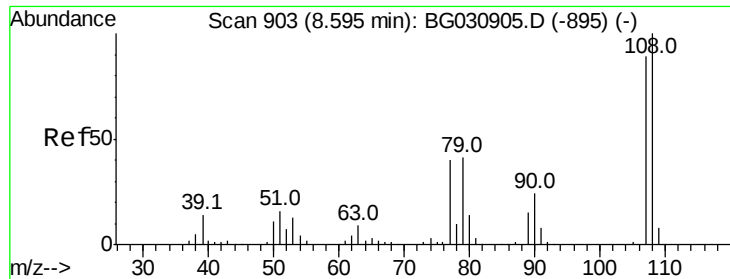
Ion Ratio Lower Upper

45 100

77 13.2 0.0 30.2

79 10.1 0.0 27.9





#17

2-Methylphenol

Concen: 52.693 ng

RT: 8.58 min Scan# 900

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 103414

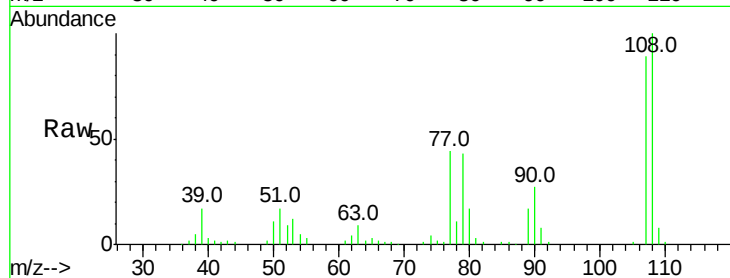
Ion Ratio Lower Upper

107 100

108 112.8 83.9 125.9

77 49.4 37.2 55.8

79 48.4 36.2 54.2

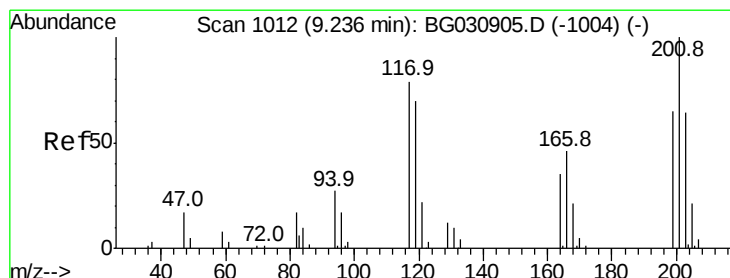
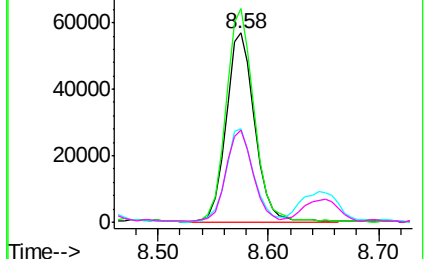
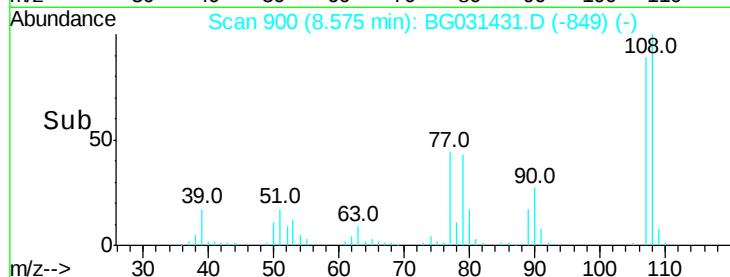


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.104 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

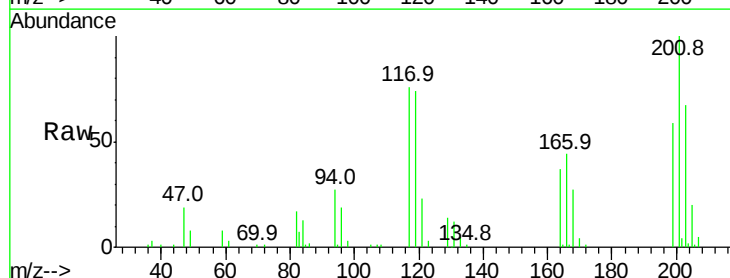
Tgt Ion:117 Resp: 41490

Ion Ratio Lower Upper

117 100

119 97.9 76.7 115.1

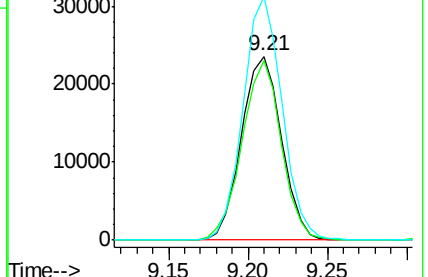
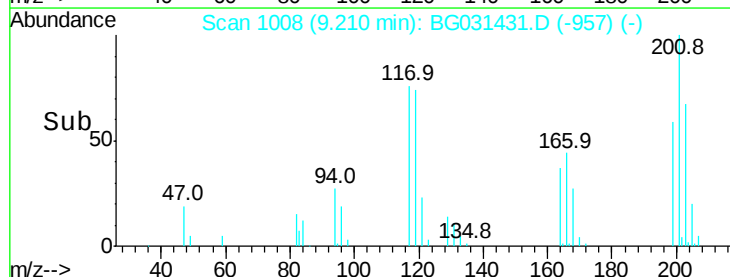
201 132.3 95.7 143.5

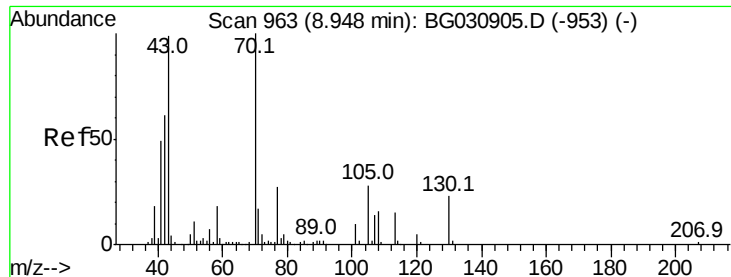


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

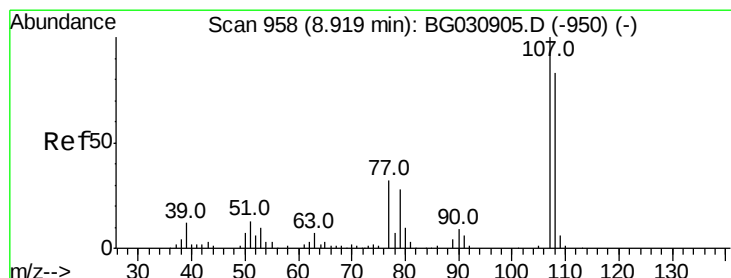
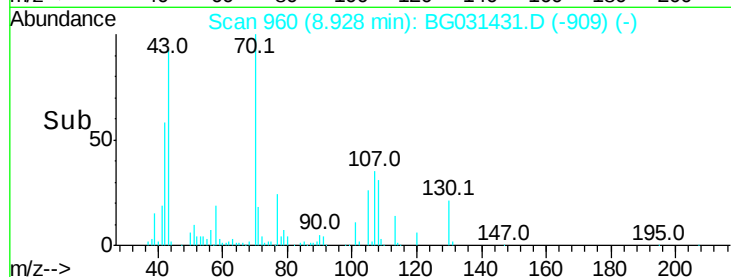
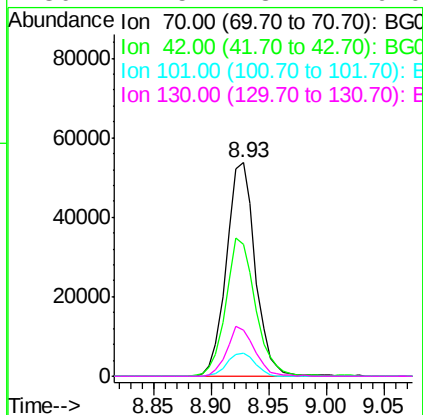
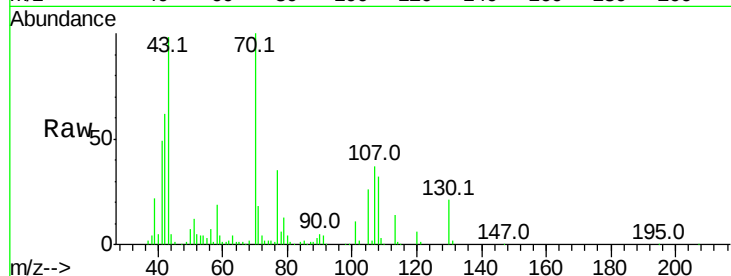




#19
n-Nitroso-di-n-propylamine
Concen: 44.957 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

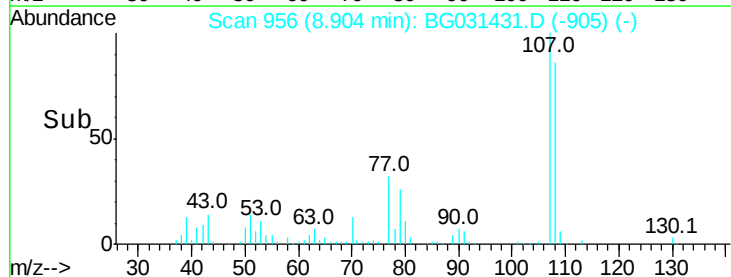
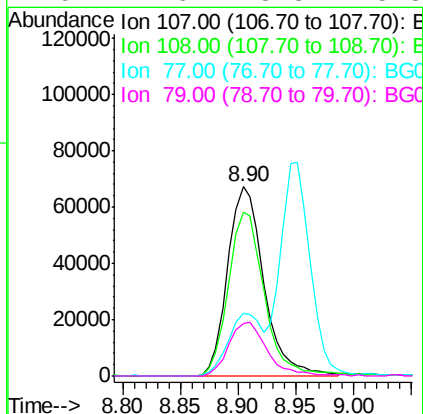
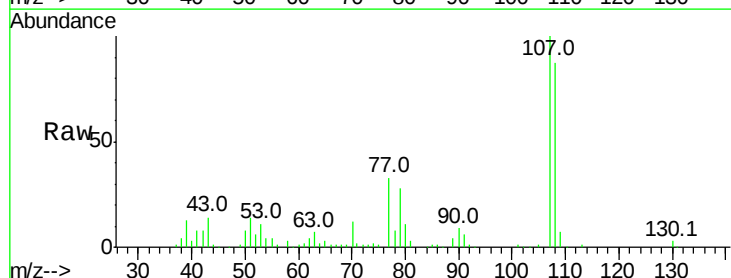
Instrument :
BNA_G
ClientSampleId :

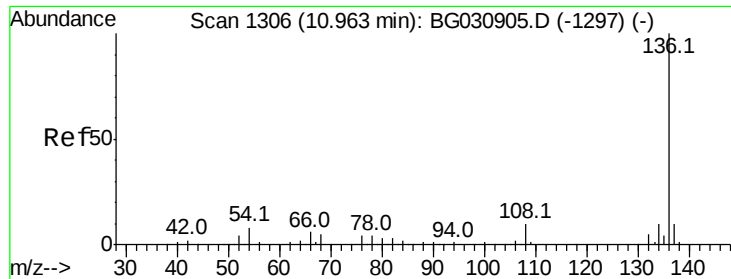
Tot Ion: 70 Resp: 92766
Ion Ratio Lower Upper
70 100
42 61.8 49.1 73.7
101 10.9 8.5 12.7
130 21.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 52.371 ng
RT: 8.90 min Scan# 956
Delta R.T. 0.00 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion: 107 Resp: 146150
Ion Ratio Lower Upper
107 100
108 86.8 61.6 101.6
77 33.2 13.9 53.9
79 27.6 8.8 48.8

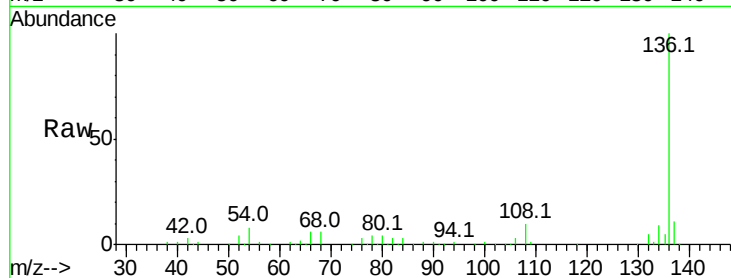




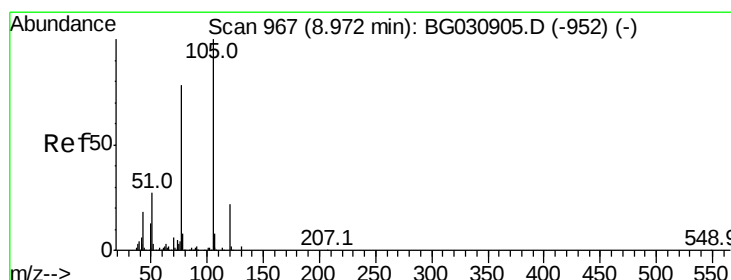
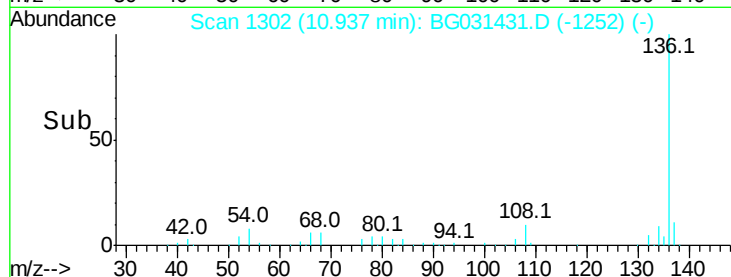
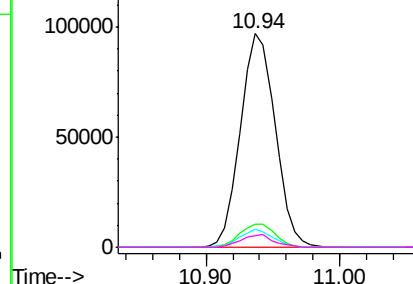
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	175477
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	8.3	10.3 15.5#
68	5.7	4.5 6.7

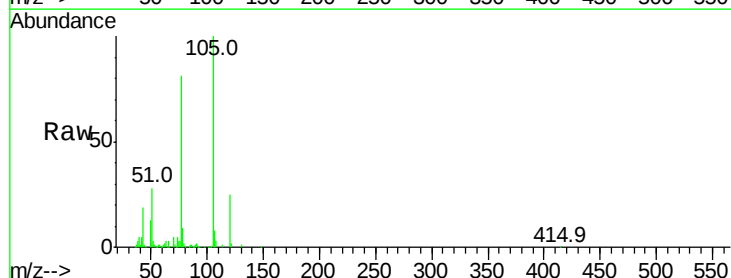


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

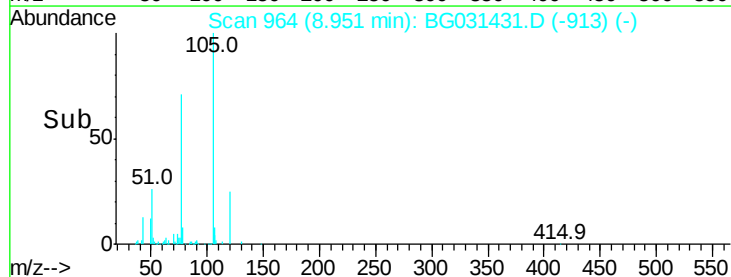
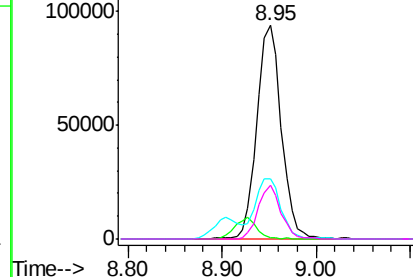


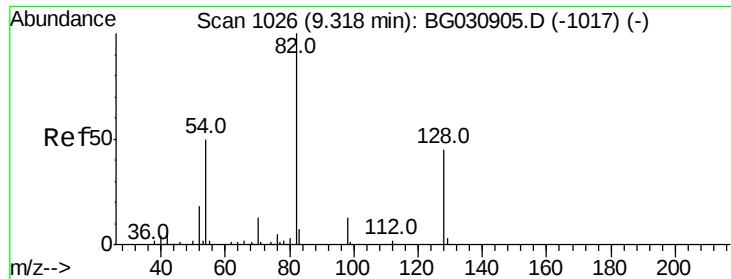
#22
Acetophenone
Concen: 39.019 ng
RT: 8.95 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion:105	Resp:	170481
Ion Ratio	Lower	Upper
105	100	
71	0.8	3.0 4.4#
51	28.5	26.1 39.1
120	24.9	17.4 26.2



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

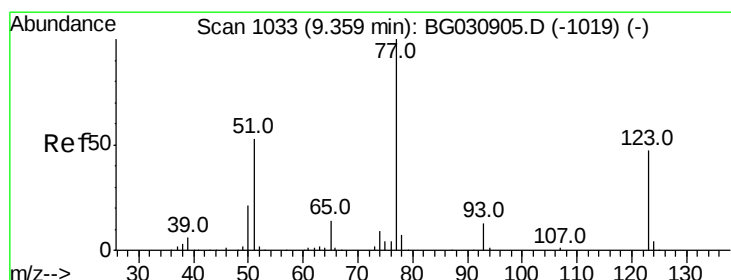
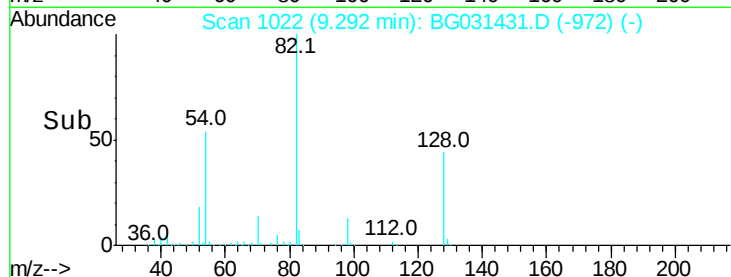
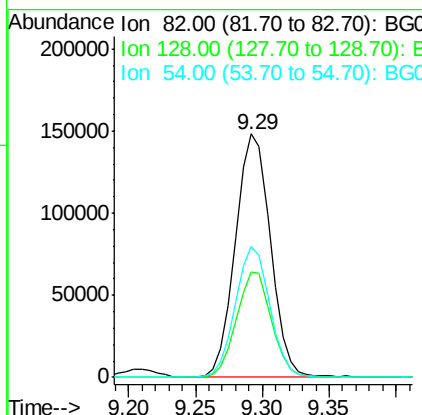
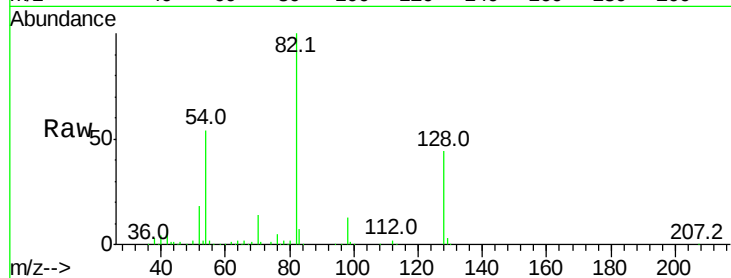




#23
Nitrobenzene-d5
Concen: 90.621 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

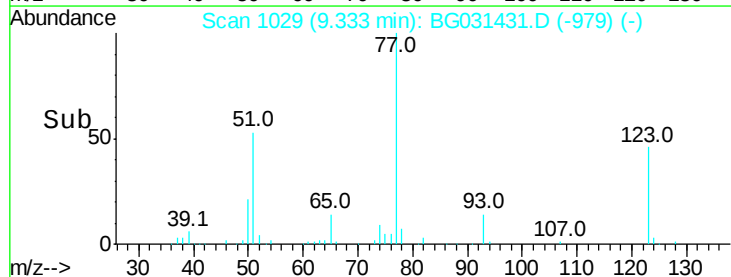
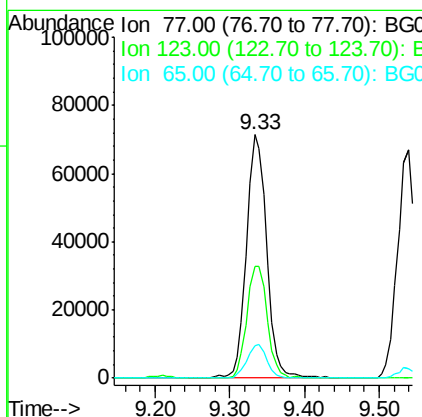
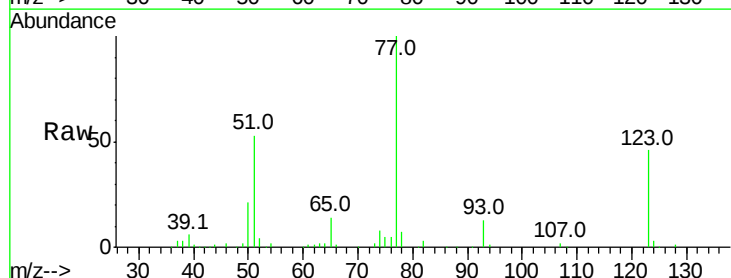
Instrument :
BNA_G
ClientSampleId :

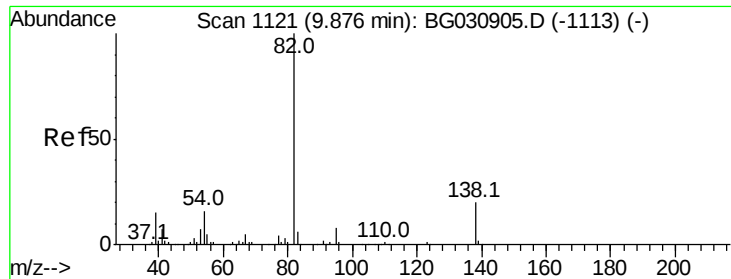
Tot Ion: 82 Resp: 268358
Ion Ratio Lower Upper
82 100
128 43.5 29.7 44.5
54 53.9 43.1 64.7



#24
Nitrobenzene
Concen: 44.356 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion: 77 Resp: 134175
Ion Ratio Lower Upper
77 100
123 45.7 33.0 49.6
65 13.5 13.0 19.6

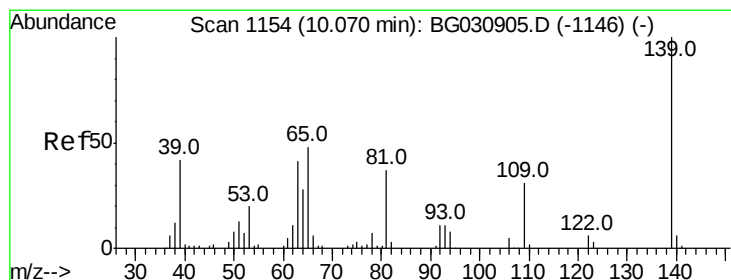
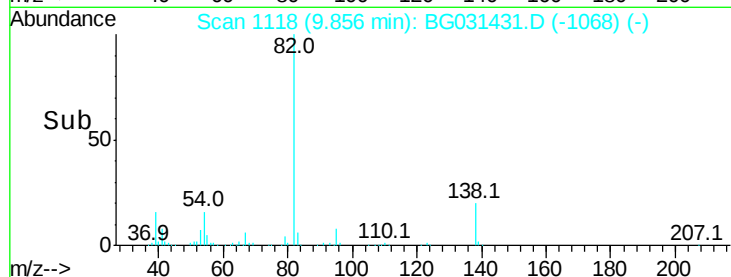
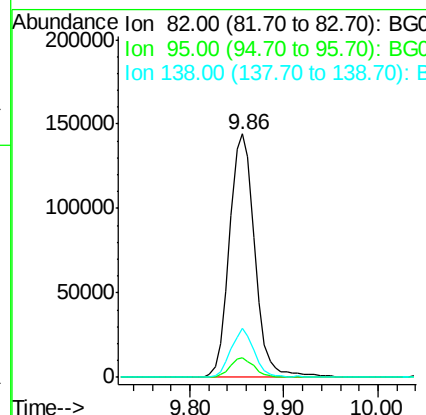
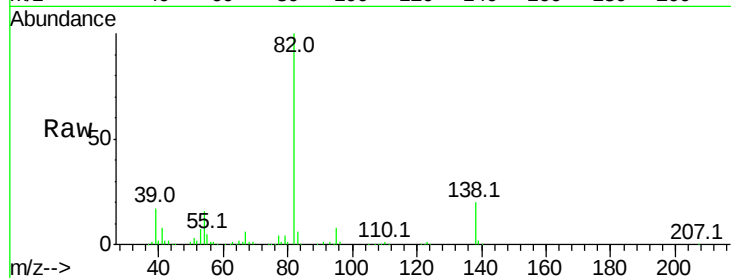




#25
Isophorone
Concen: 46.799 ng
RT: 9.86 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

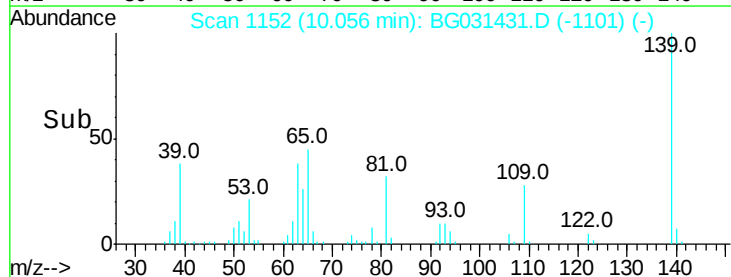
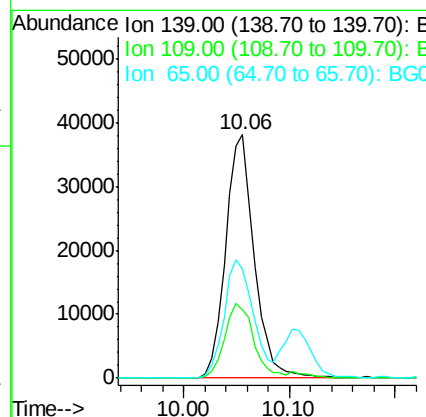
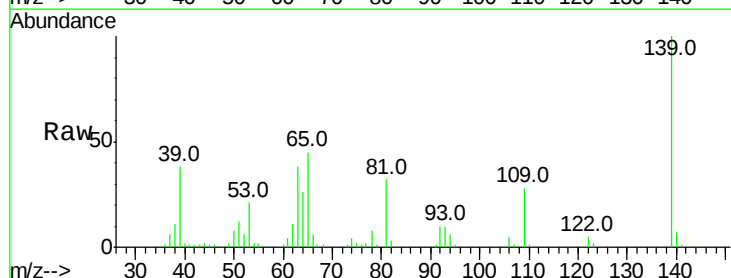
Instrument :
BNA_G
ClientSampleId :

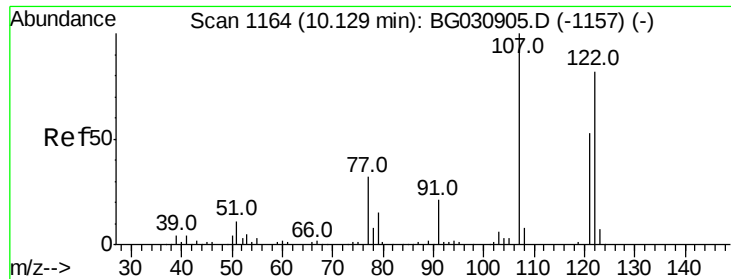
Tot Ion: 82 Resp: 270281
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.2
138 20.1 12.1 18.1#



#26
2-Nitrophenol
Concen: 45.184 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion:139 Resp: 71245
Ion Ratio Lower Upper
139 100
109 28.0 24.2 36.2
65 44.9 47.4 71.0#

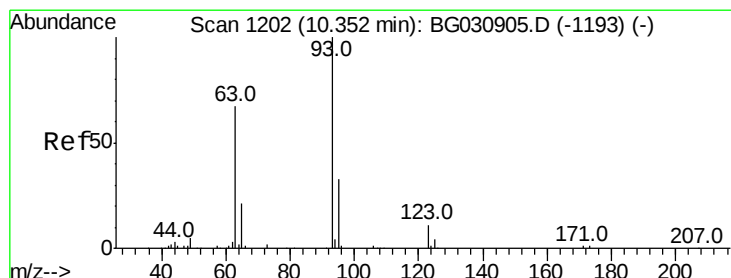
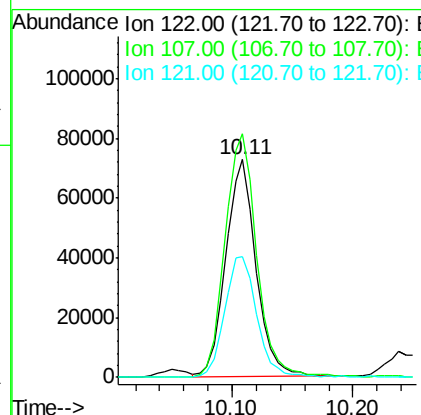
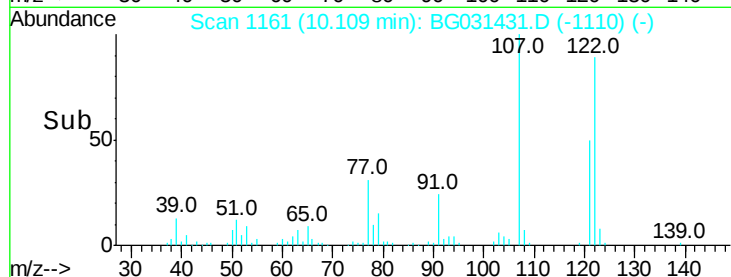
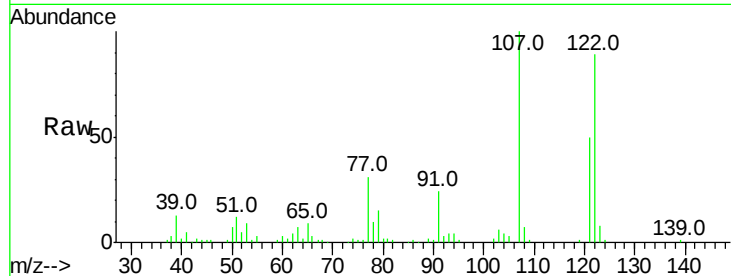




#27
 2,4-Dimethylphenol
 Concen: 53.397 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

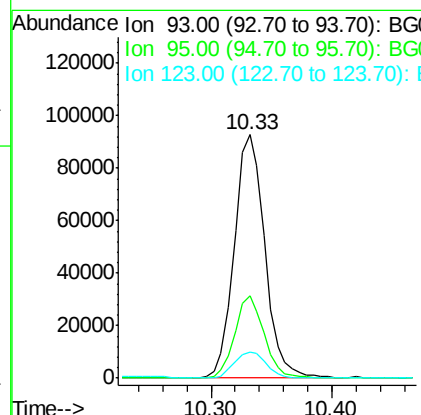
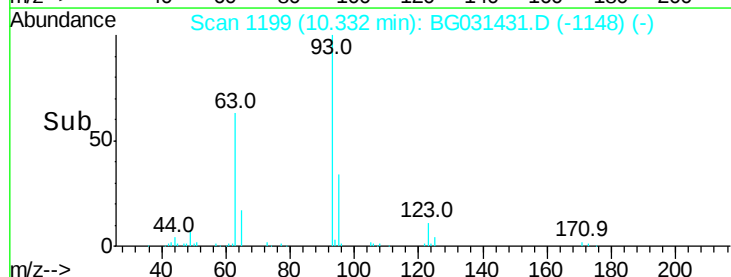
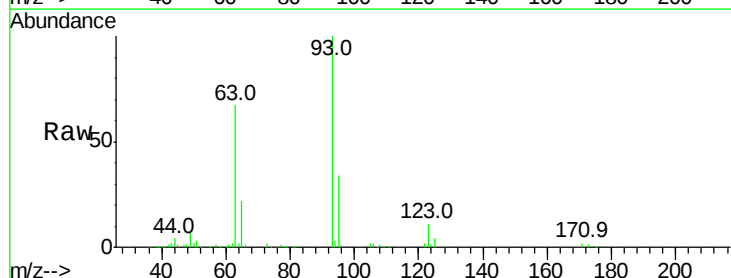
Instrument :
 BNA_G
 ClientSampleId :

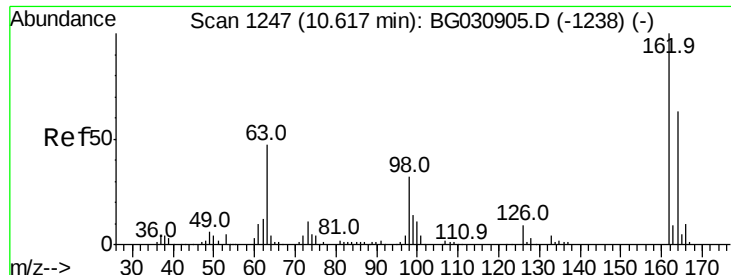
Tot Ion	Ratio	Lower	Upper
122	100		
107	112.0	100.2	150.2
121	55.6	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.870 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	24.3	36.5
123	10.8	8.4	12.6

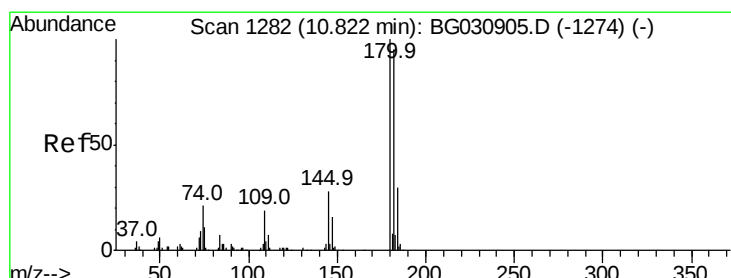
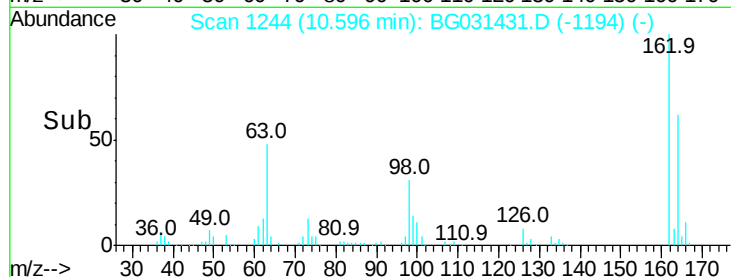
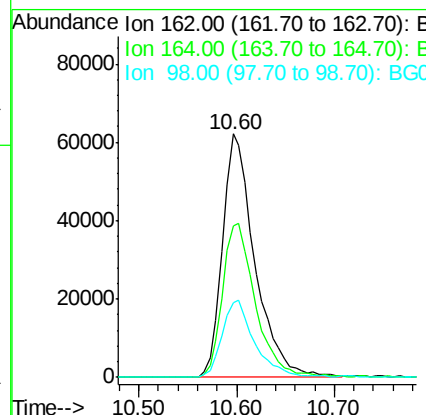
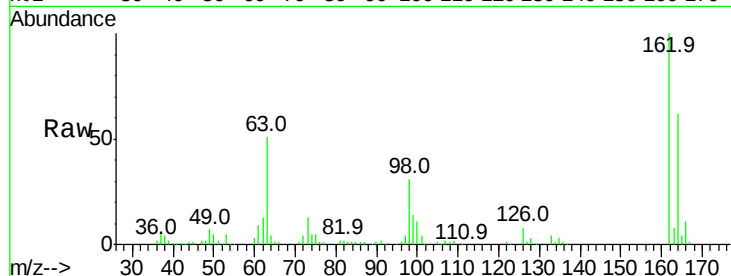




#29
 2,4-Dichlorophenol
 Concen: 50.881 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

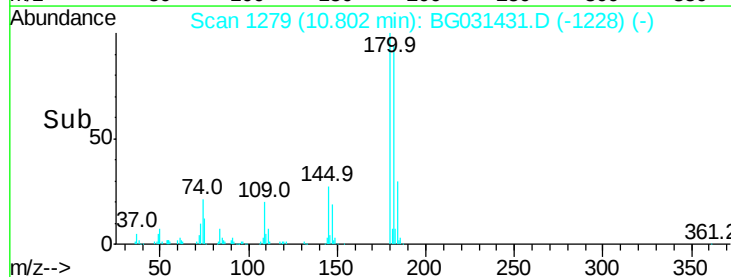
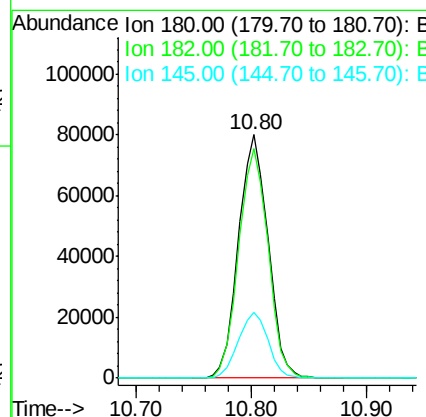
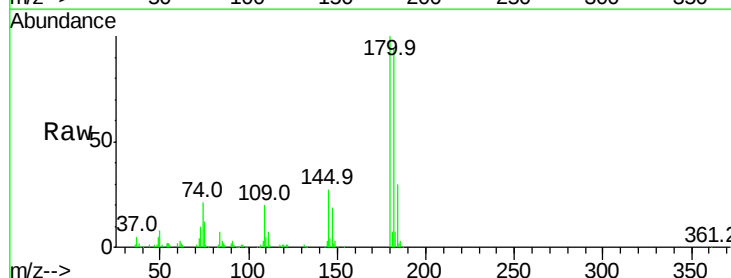
Instrument :
 BNA_G
 ClientSampleId :

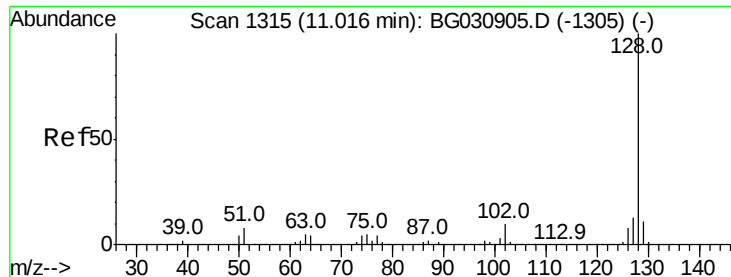
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	48.0	88.0
98	30.6	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.410 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.5	116.3
145	26.8	23.4	35.2

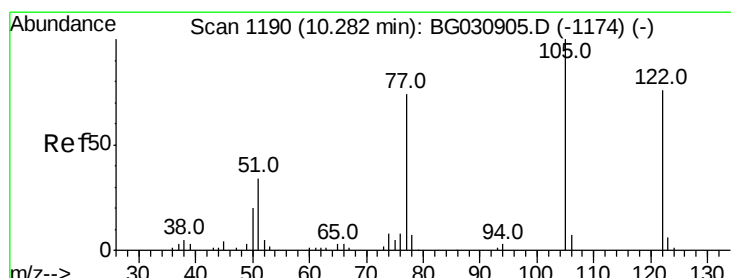
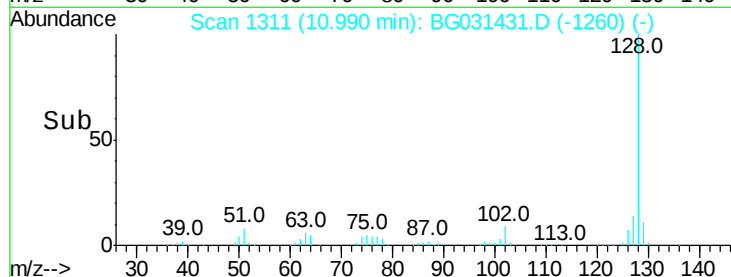
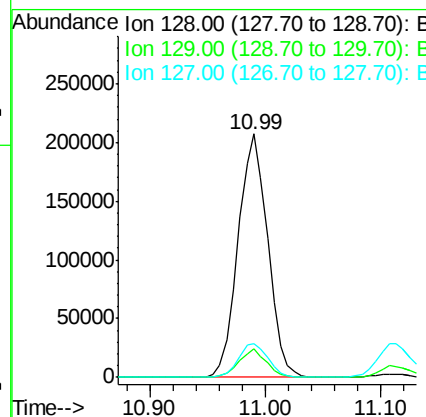
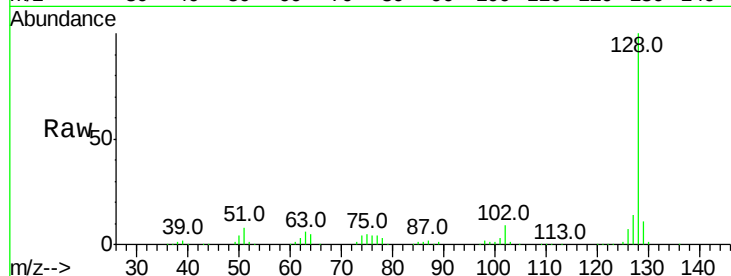




#31
Naphthalene
Concen: 42.663 ng
RT: 10.99 min Scan# 1311
Delta R.T. 0.00 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

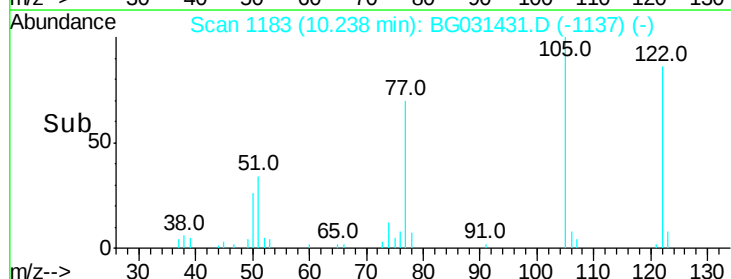
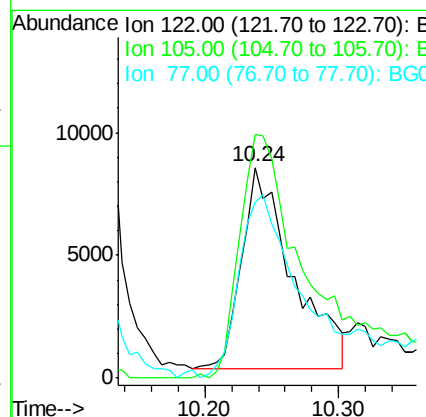
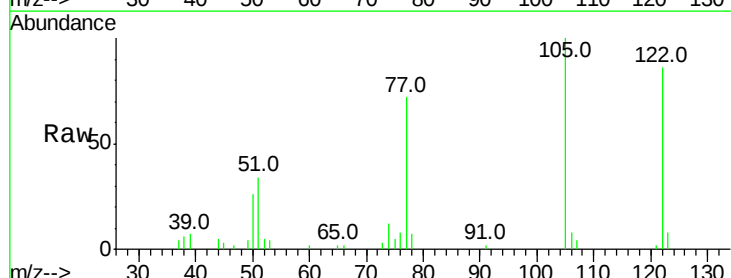
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 368024
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.0 11.6 17.4



#32
Benzoic acid
Concen: 15.436 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.03 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion:122 Resp: 21606
Ion Ratio Lower Upper
122 100
105 115.8 123.5 163.5#
77 83.4 85.7 125.7#

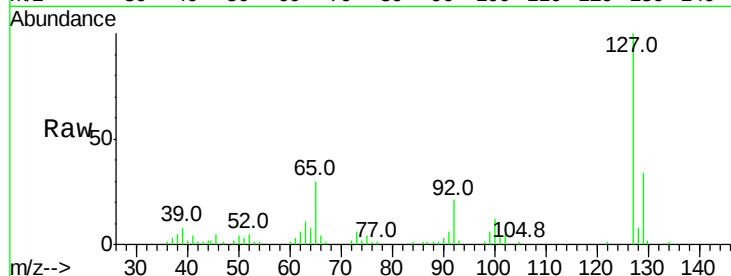




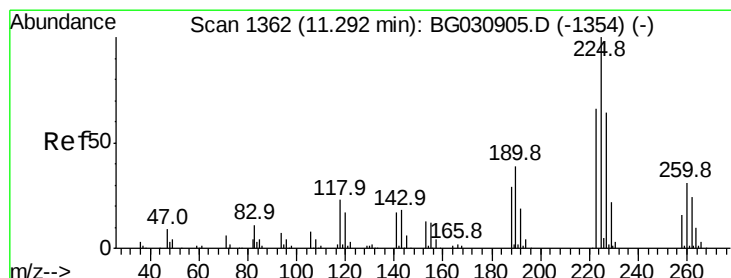
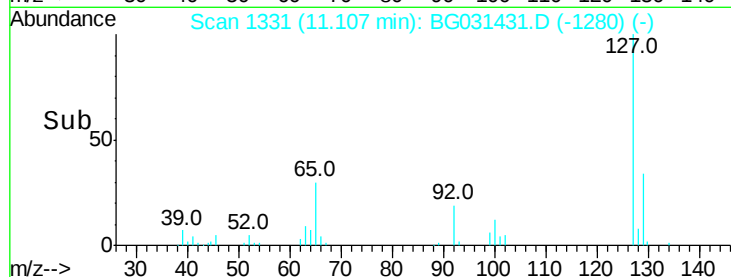
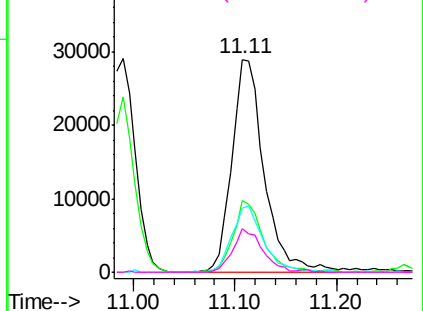
#33
4-Chloroaniline
Concen: 16.954 ng
RT: 11.11 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	64022
Ion	Ratio	Lower	Upper
127	100		
129	33.9	24.0	36.0
65	29.8	27.0	40.4
92	20.6	16.6	25.0

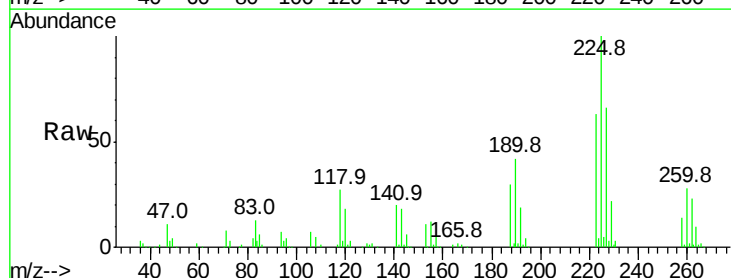


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

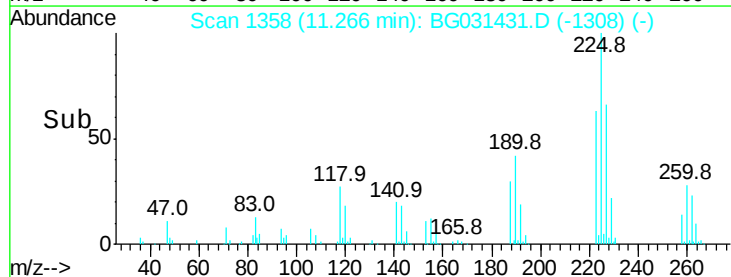
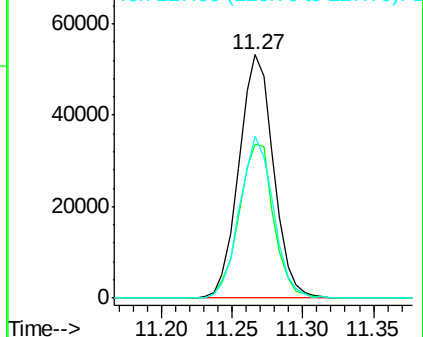


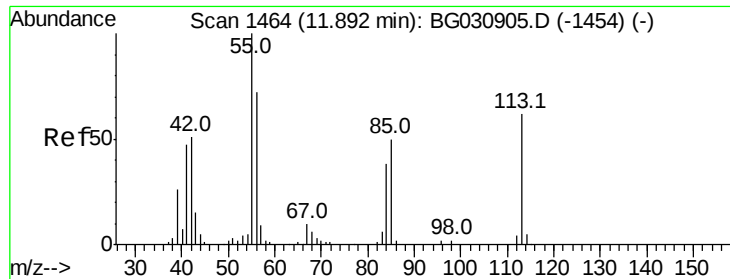
#34
Hexachlorobutadiene
Concen: 39.105 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion:	225	Resp:	91013
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	66.2	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

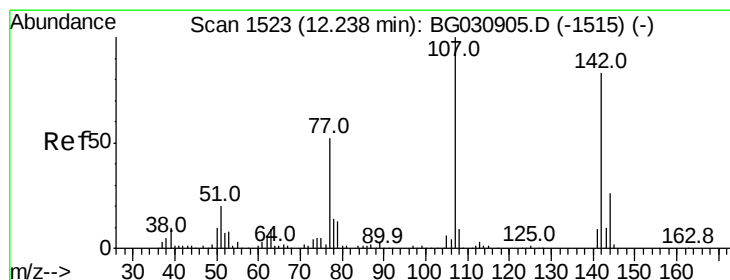
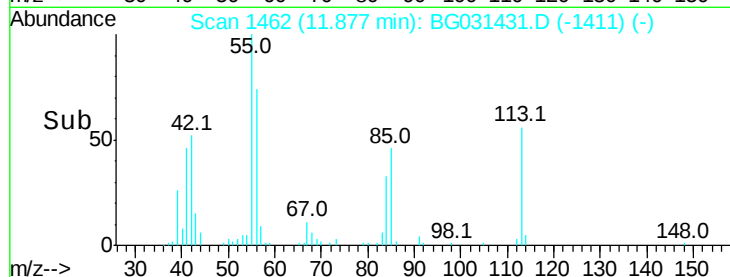
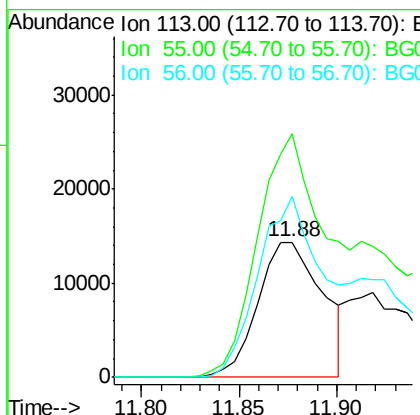
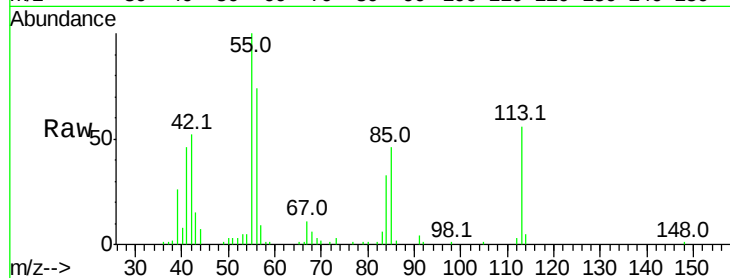




#35
 Caprolactam
 Concen: 28.765 ng
 RT: 11.88 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

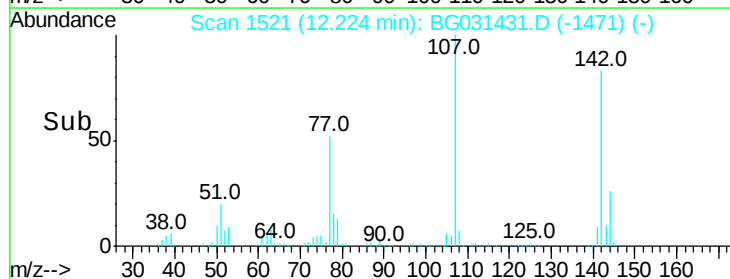
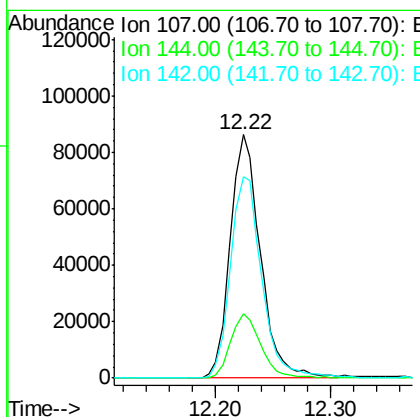
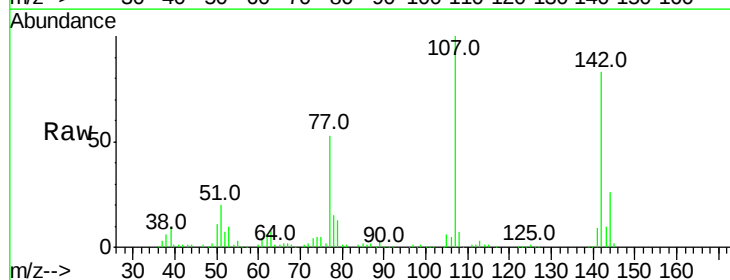
Instrument :
 BNA_G
 ClientSampled :

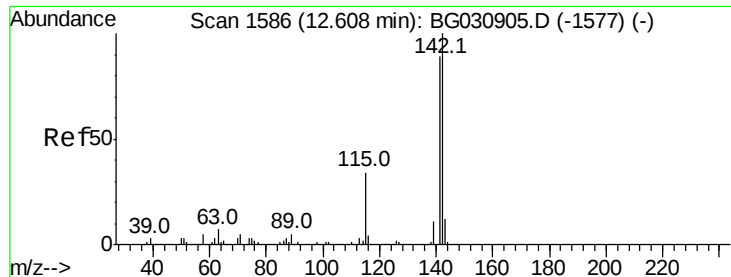
Tot Ion:113 Resp: 33030
 Ion Ratio Lower Upper
 113 100
 55 180.2 186.9 226.9#
 56 133.9 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 51.424 ng
 RT: 12.22 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion:107 Resp: 157324
 Ion Ratio Lower Upper
 107 100
 144 26.2 18.2 27.4
 142 82.5 59.0 88.4





#37

2-Methylnaphthalene

Concen: 45.981 ng

RT: 12.59 min Scan# 1583

Delta R.T. 0.00 min

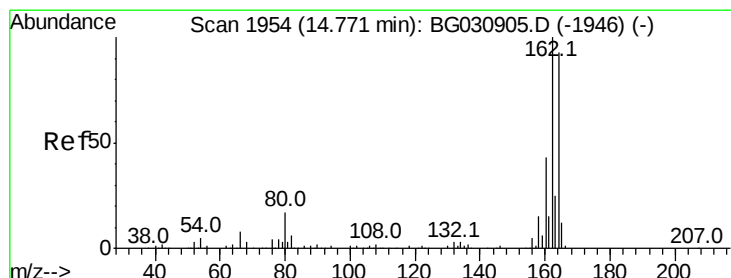
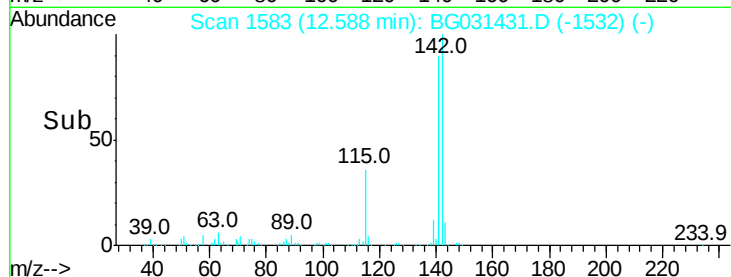
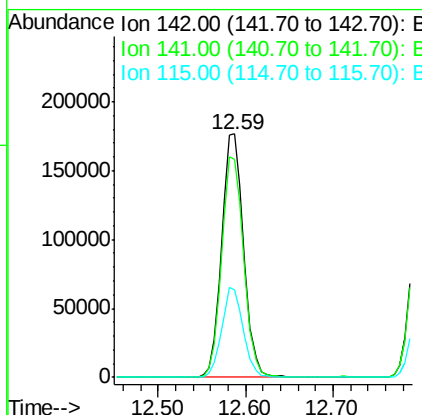
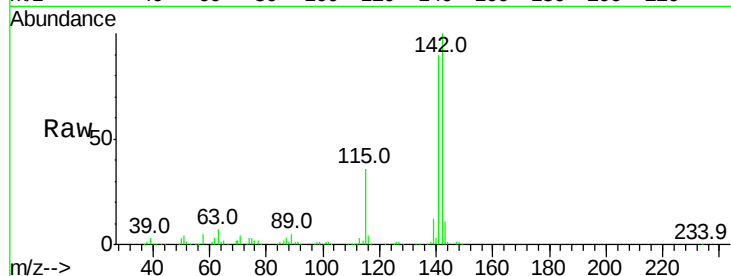
Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 306200

Ion	Ratio	Lower	Upper
142	100		
141	89.6	67.1	100.7
115	36.1	30.7	46.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

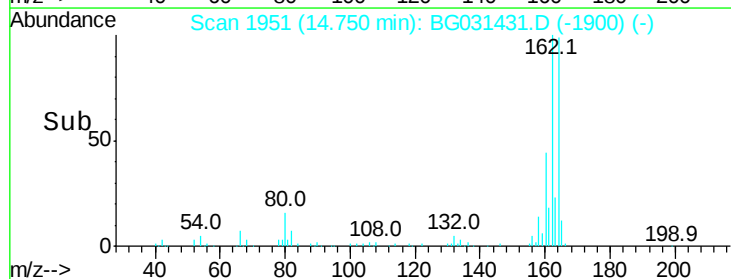
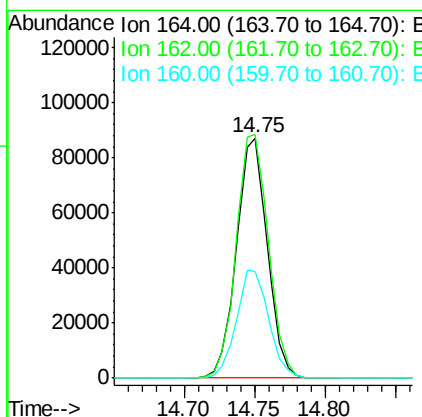
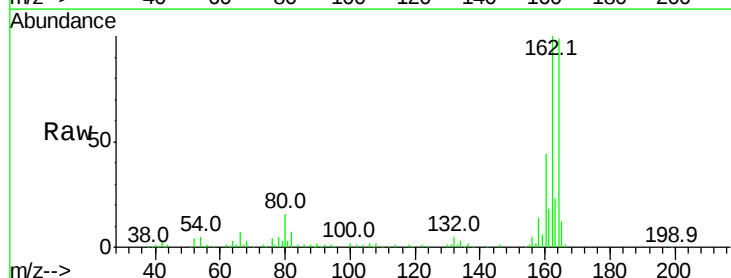
Delta R.T. 0.00 min

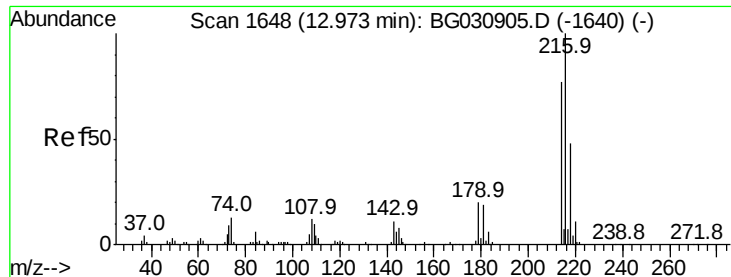
Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Tgt Ion:164 Resp: 132677

Ion	Ratio	Lower	Upper
164	100		
162	101.5	78.8	118.2
160	44.7	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.089 ng

RT: 12.95 min Scan# 1645

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

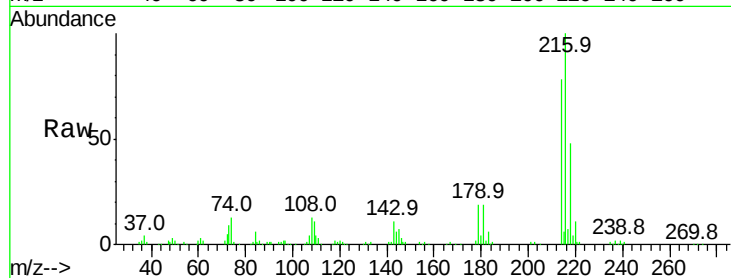
Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 190040

Ion	Ratio	Lower	Upper
216	100		
214	76.6	63.0	94.4
179	19.2	17.0	25.6
108	14.7	12.8	19.2

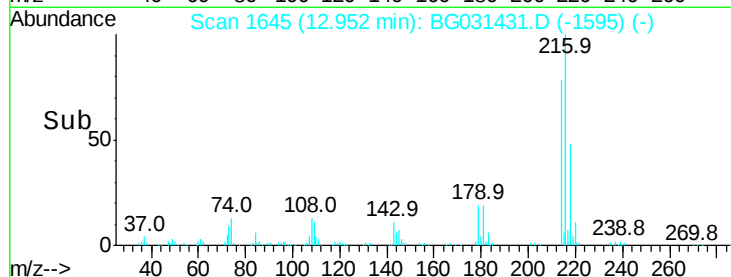


Abundance Ion 216.00 (215.70 to 216.70): E

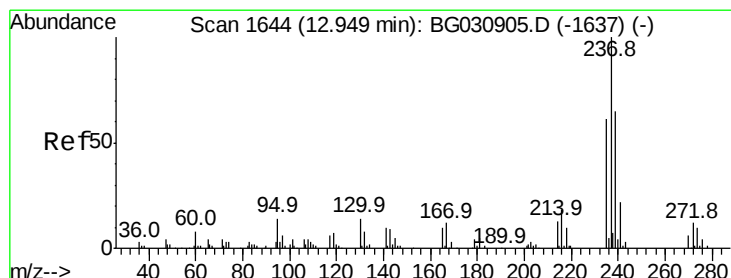
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 76.649 ng

RT: 12.92 min Scan# 1640

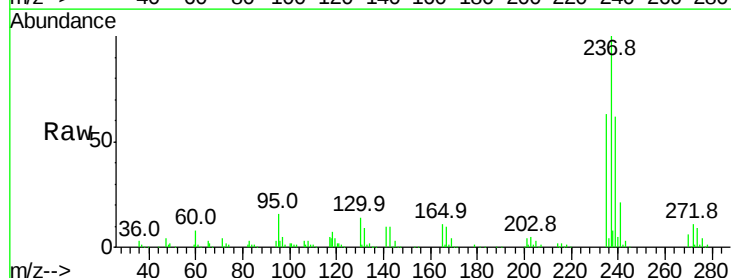
Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Tgt Ion:237 Resp: 148275

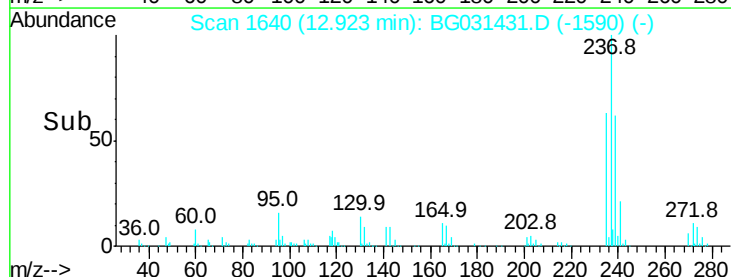
Ion	Ratio	Lower	Upper
237	100		
235	62.5	50.4	90.4
272	11.3	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



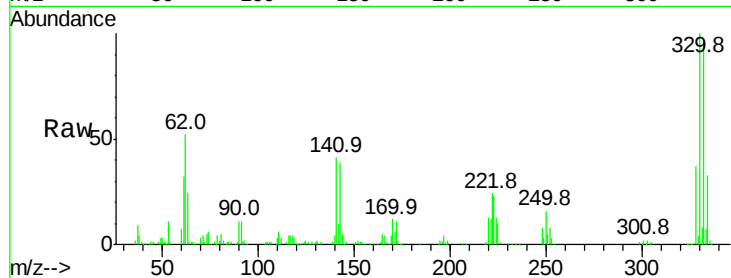
Time-->



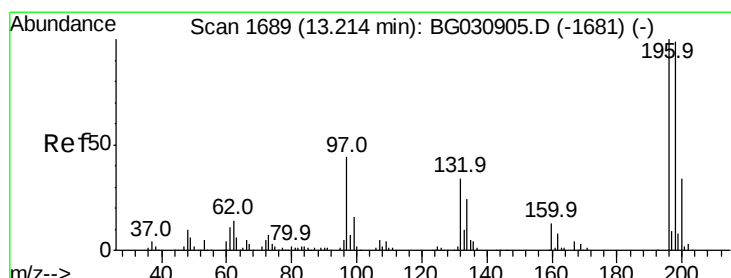
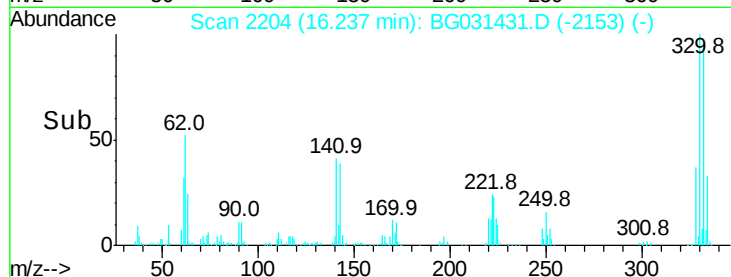
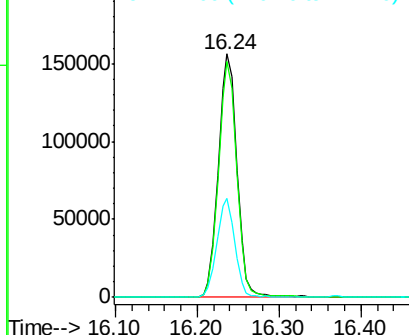
#41
 2,4,6-Tribromophenol
 Concen: 115.934 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 248828
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.0 115.6
 141 39.3 25.2 37.8#

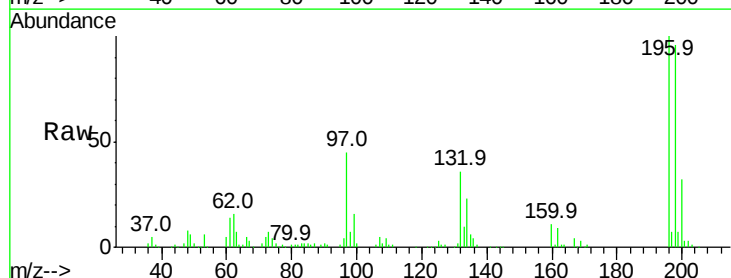


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

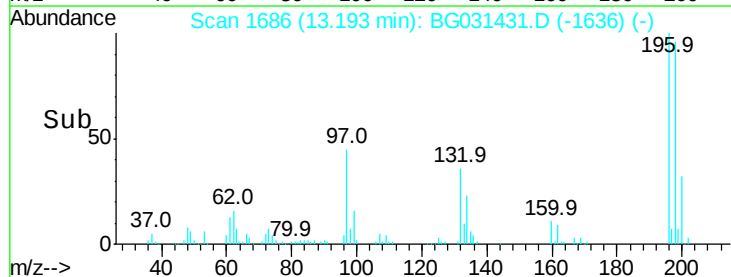
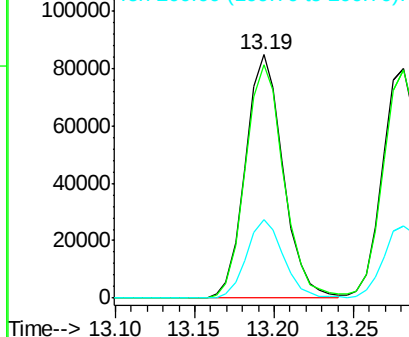


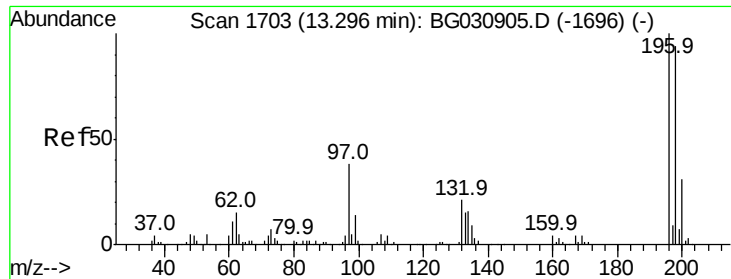
#42
 2,4,6-Trichlorophenol
 Concen: 46.545 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion:196 Resp: 140115
 Ion Ratio Lower Upper
 196 100
 198 95.7 78.2 117.2
 200 32.2 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

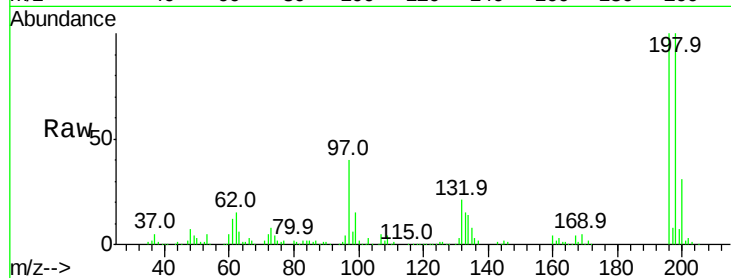




#43
 2,4,5-Trichlorophenol
 Concen: 46.821 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	76.2	114.4
97	40.3	38.7	58.1
132	21.2	20.2	30.2



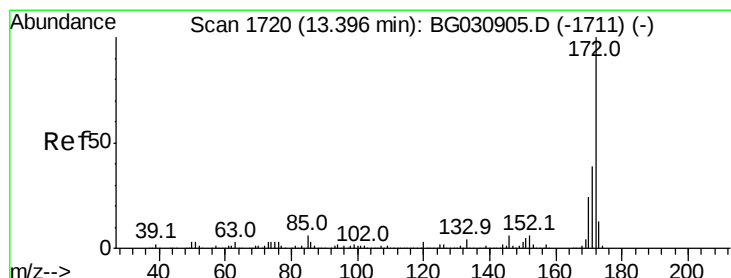
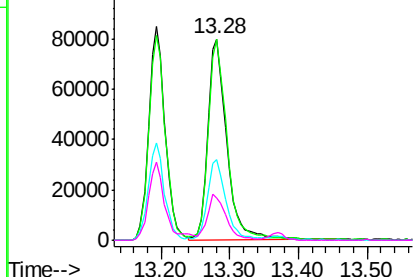
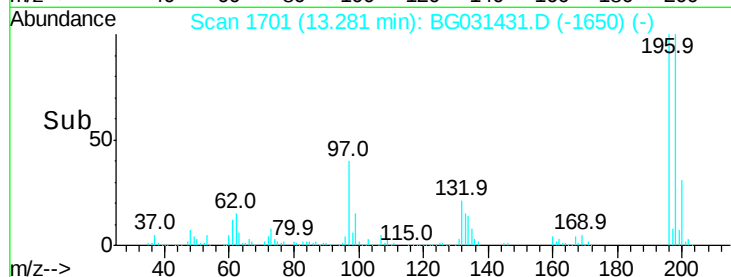
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

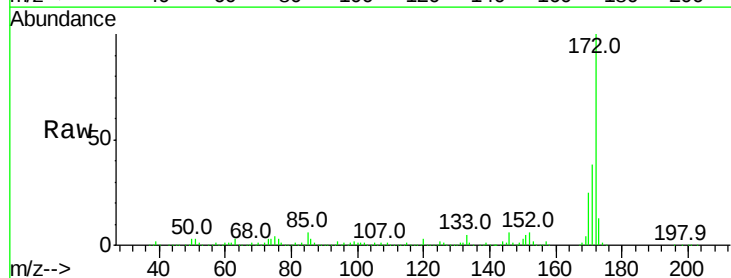
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.932 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.7	19.5	29.3

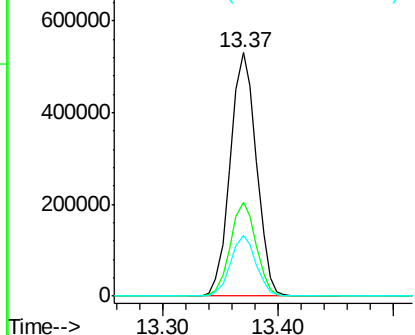
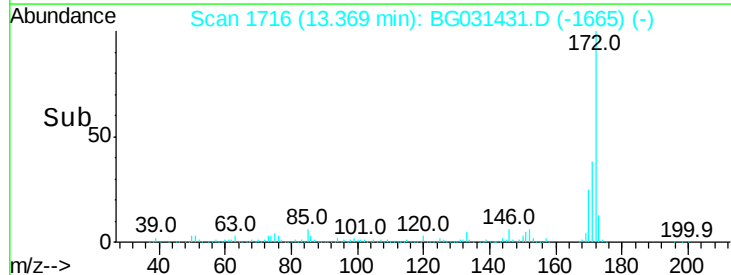


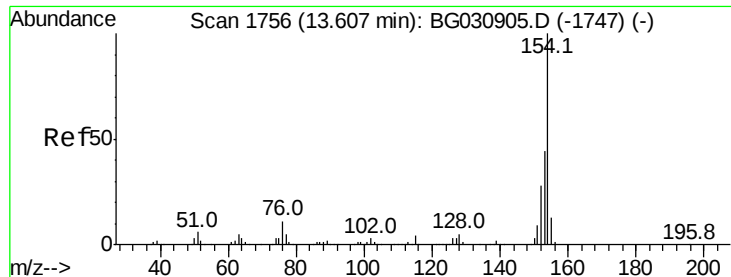
Abundance

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: 38.428 ng

RT: 13.58 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

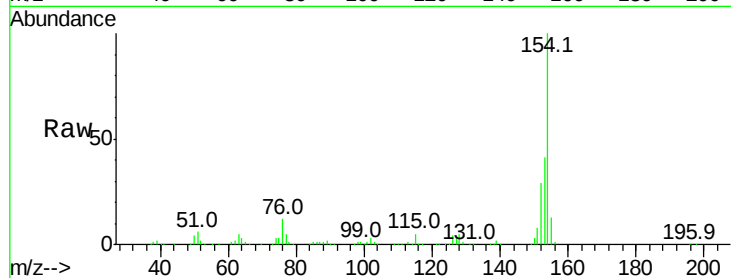
Tot Ion:154 Resp: 422785

Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

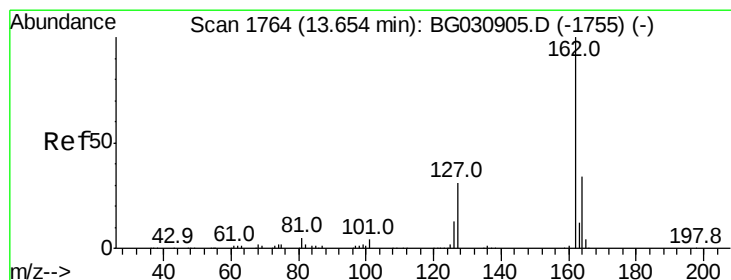
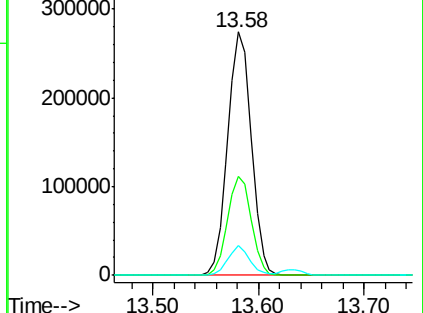
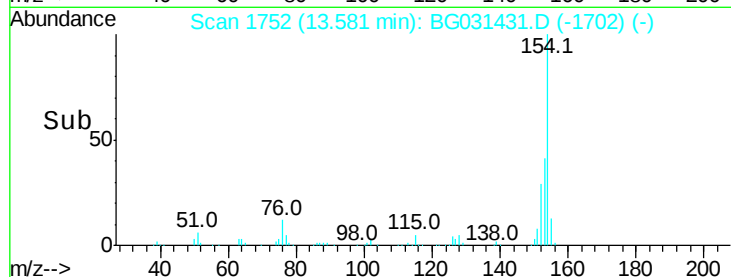
76 12.2 0.0 31.9



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: 44.151 ng

RT: 13.63 min Scan# 1761

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

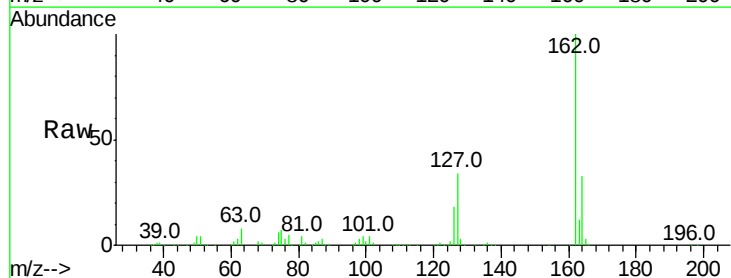
Tgt Ion:162 Resp: 350474

Ion Ratio Lower Upper

162 100

127 34.1 30.7 46.1

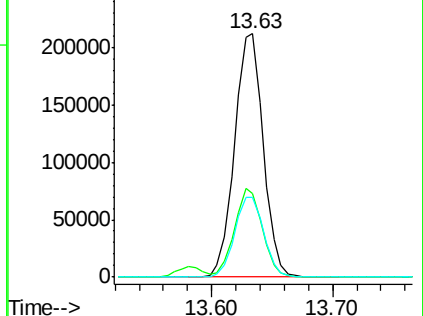
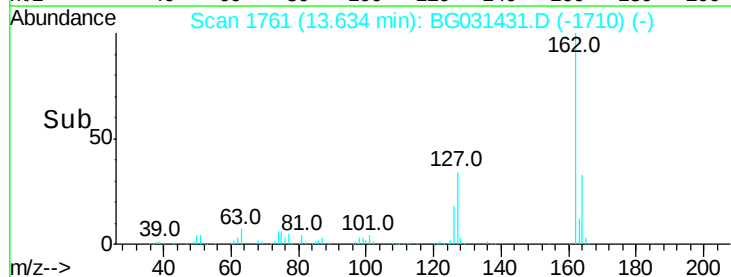
164 32.6 26.0 39.0

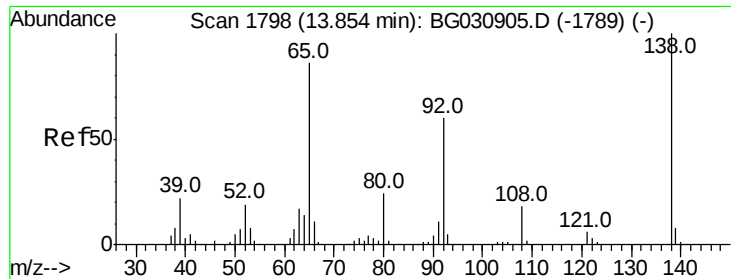


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

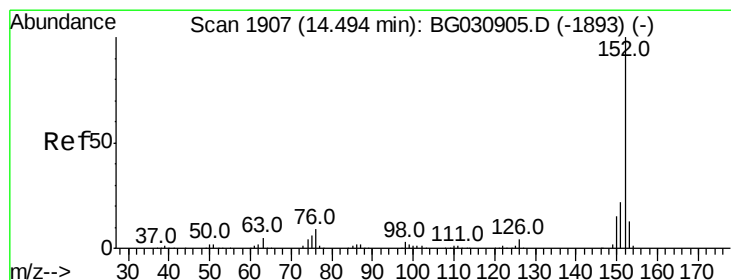
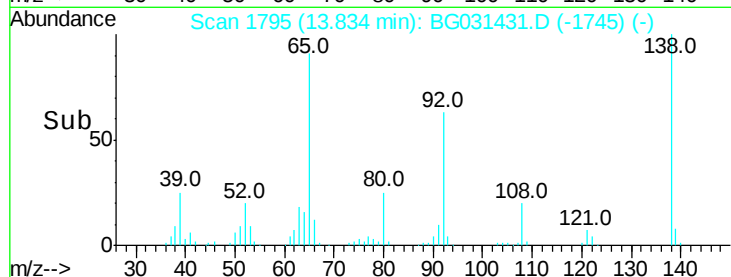
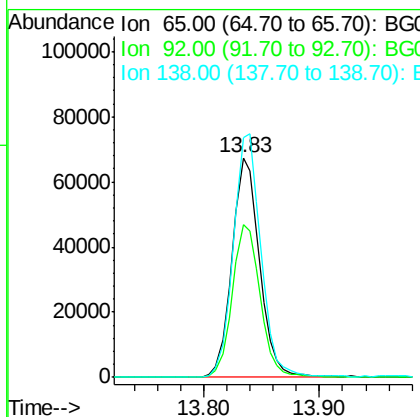
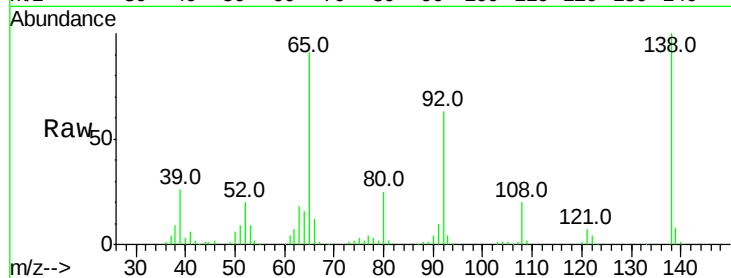




#47
2-Nitroaniline
Concen: 47.508 ng
RT: 13.83 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

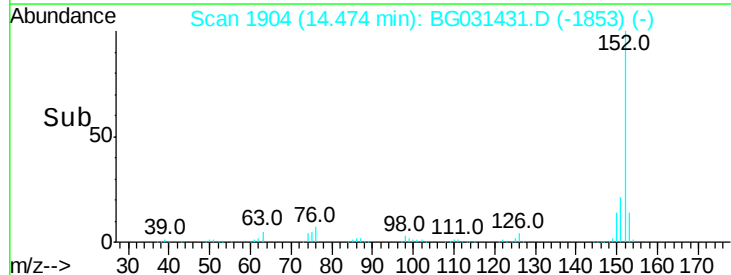
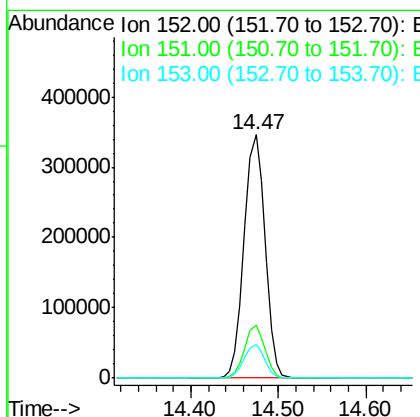
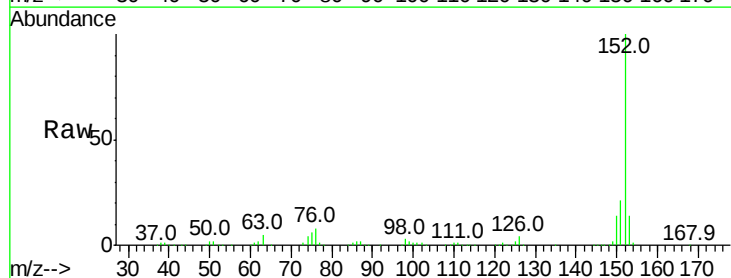
Instrument :
BNA_G
ClientSampled :

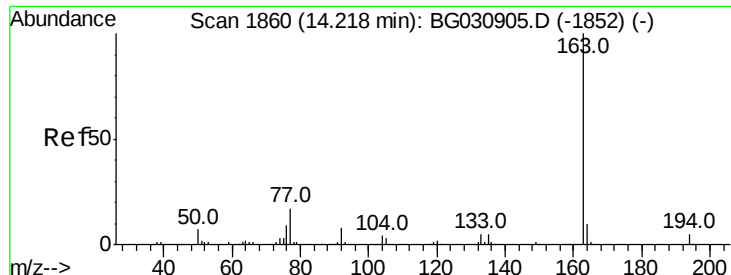
Tot Ion: 65 Resp: 111777
Ion Ratio Lower Upper
65 100
92 69.4 54.6 82.0
138 109.4 72.9 109.3#



#48
Acenaphthylene
Concen: 42.755 ng
RT: 14.47 min Scan# 1904
Delta R.T. 0.00 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion:152 Resp: 555480
Ion Ratio Lower Upper
152 100
151 21.5 17.2 25.8
153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 45.226 ng

RT: 14.20 min Scan# 1857

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

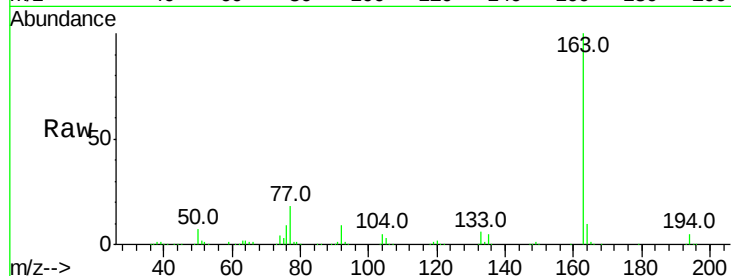
Tot Ion:163 Resp: 518827

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

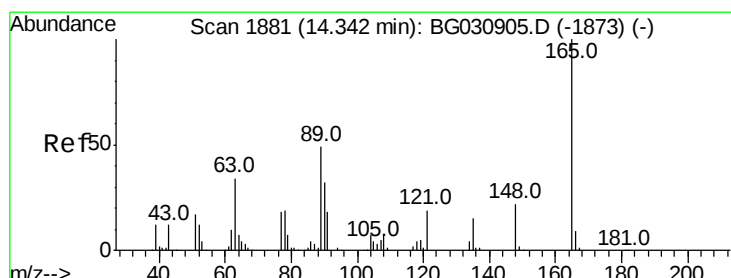
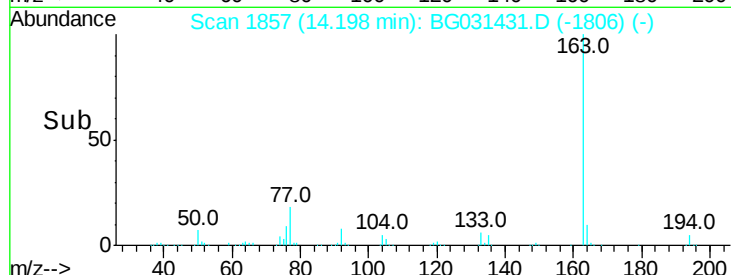
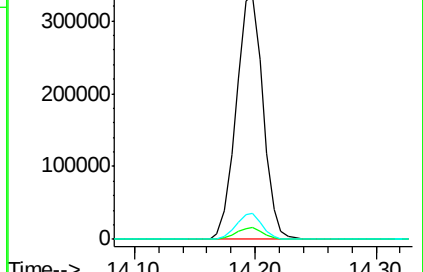
164 10.5 8.2 12.4



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: 48.999 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

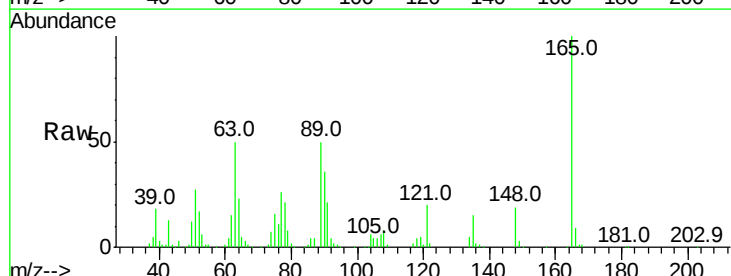
Tgt Ion:165 Resp: 115858

Ion Ratio Lower Upper

165 100

63 50.4 52.7 79.1#

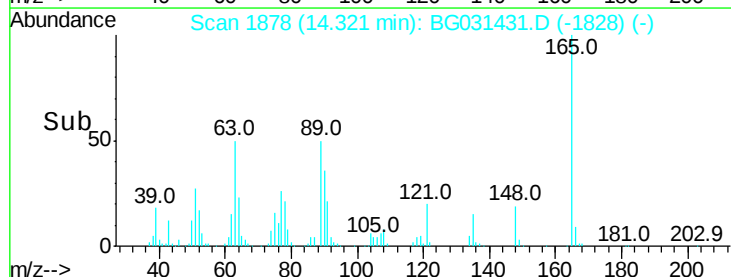
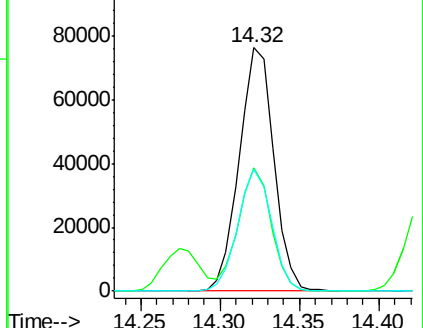
89 50.3 49.2 73.8

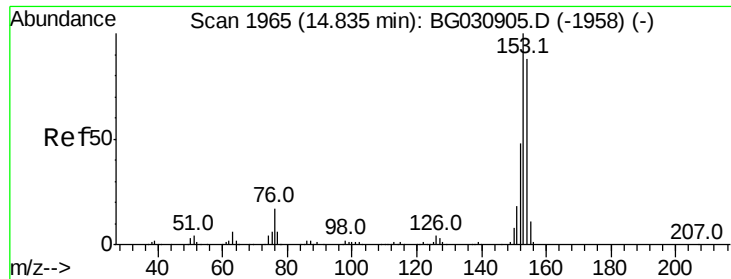


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.266 ng

RT: 14.81 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

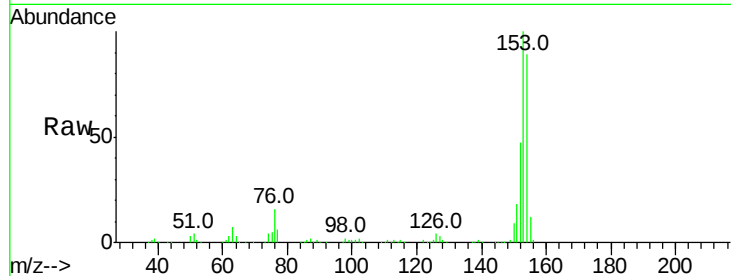
Tot Ion:154 Resp: 342956

Ion Ratio Lower Upper

154 100

153 112.5 90.4 135.6

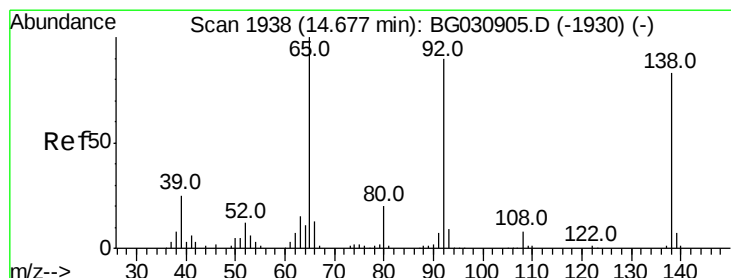
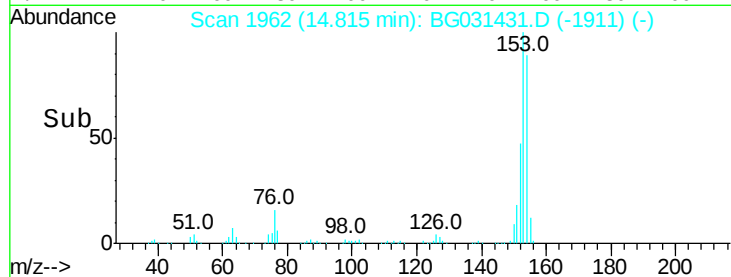
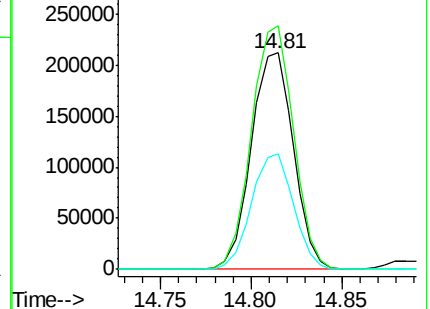
152 53.3 41.6 62.4



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: 20.265 ng

RT: 14.66 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

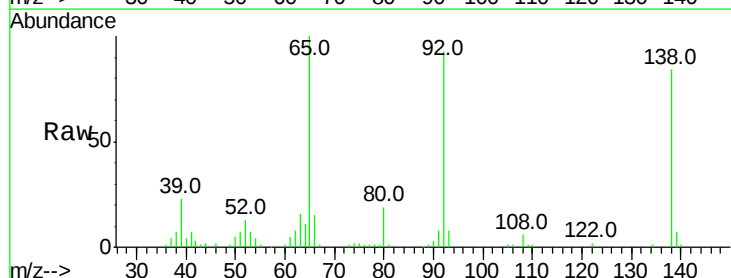
Tgt Ion:138 Resp: 50879

Ion Ratio Lower Upper

138 100

108 7.4 17.5 26.3#

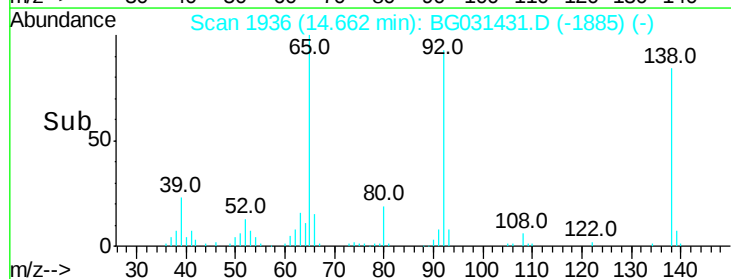
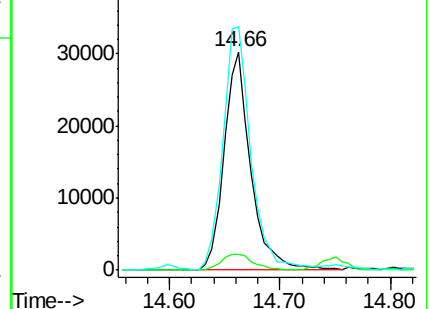
92 111.5 105.8 158.8

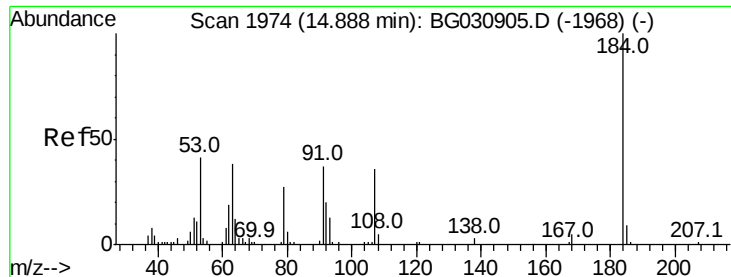


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

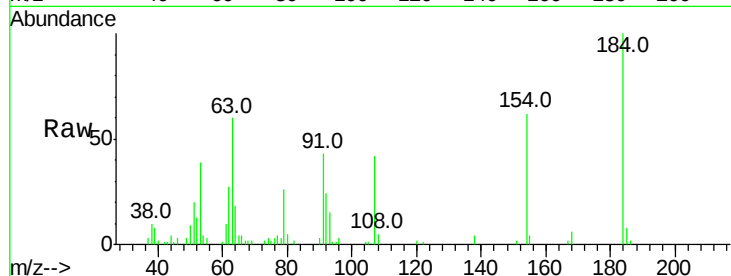




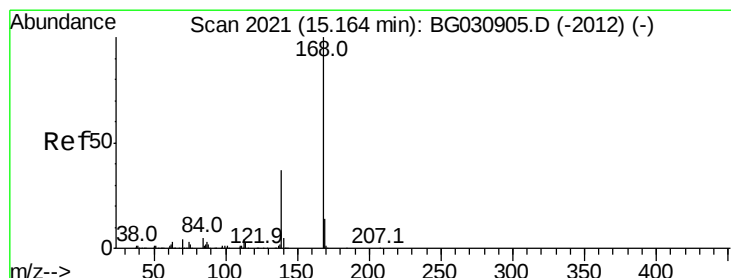
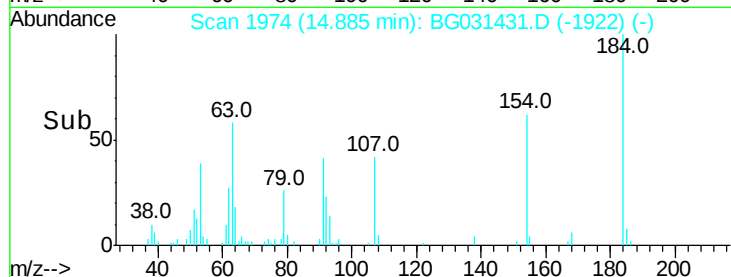
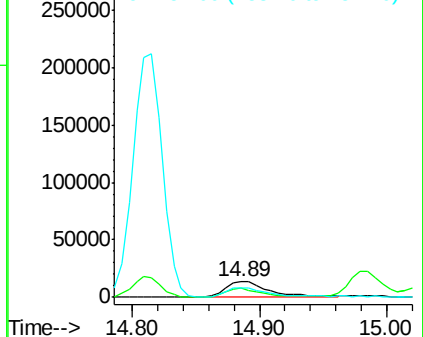
#53
2,4-Dinitrophenol
Concen: 29.846 ng
RT: 14.89 min Scan# 1974
Delta R.T. 0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 33662
Ion Ratio Lower Upper
184 100
63 60.3 59.8 89.8
154 62.0 101.8 152.8#

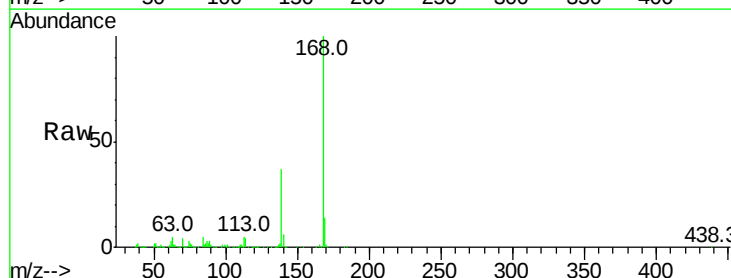


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

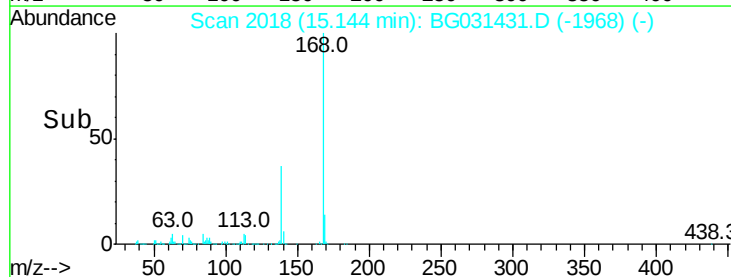
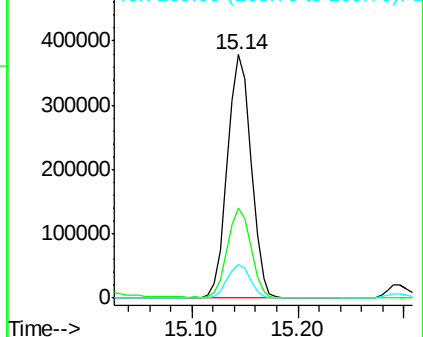


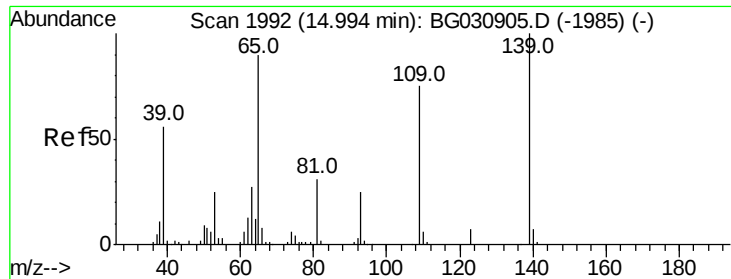
#54
Dibenzofuran
Concen: 45.343 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion:168 Resp: 586031
Ion Ratio Lower Upper
168 100
139 36.9 28.6 43.0
169 13.8 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

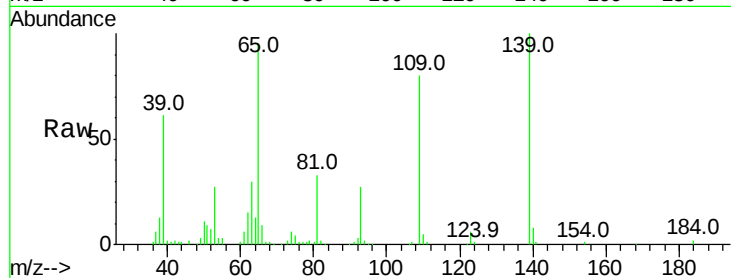




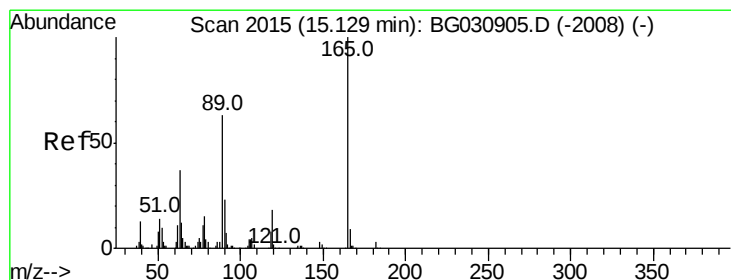
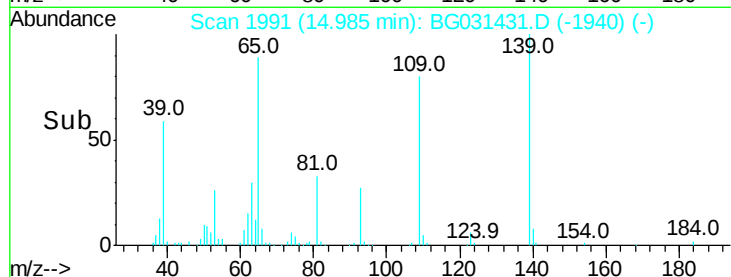
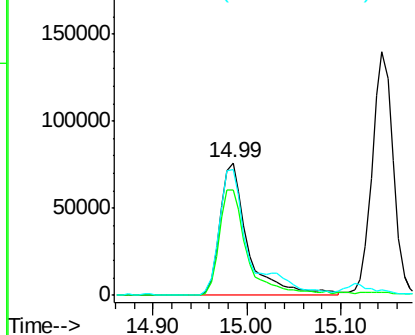
#55
4-Nitrophenol
Concen: 88.161 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 157672
Ion Ratio Lower Upper
139 100
109 79.8 62.2 102.2
65 95.1 97.2 137.2#

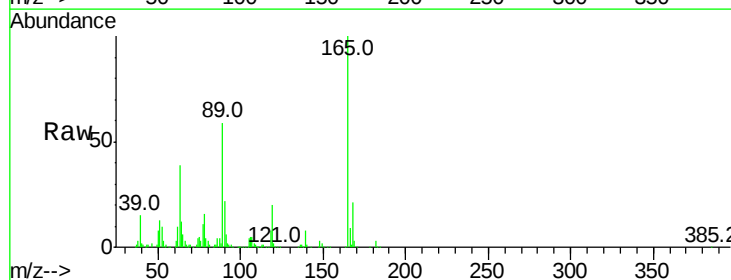


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

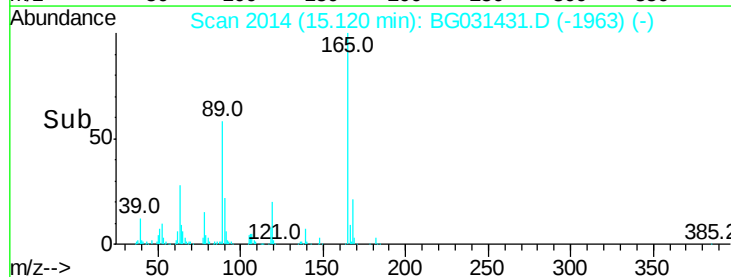
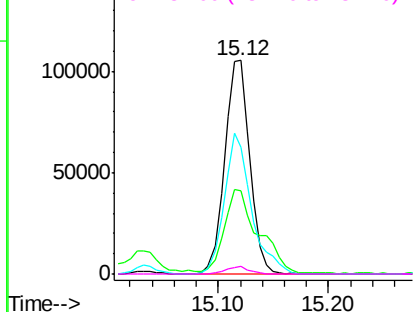


#56
2,4-Dinitrotoluene
Concen: 48.853 ng
RT: 15.12 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion:165 Resp: 166995
Ion Ratio Lower Upper
165 100
63 38.8 42.0 63.0#
89 59.4 66.9 100.3#
182 3.4 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

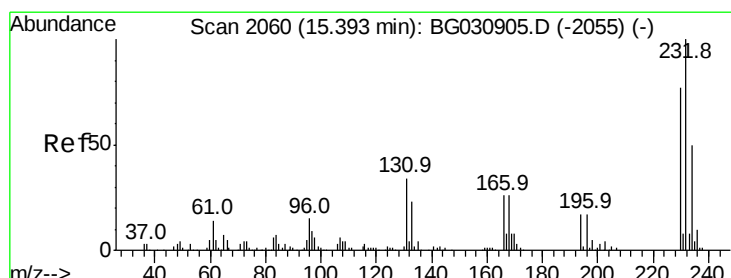
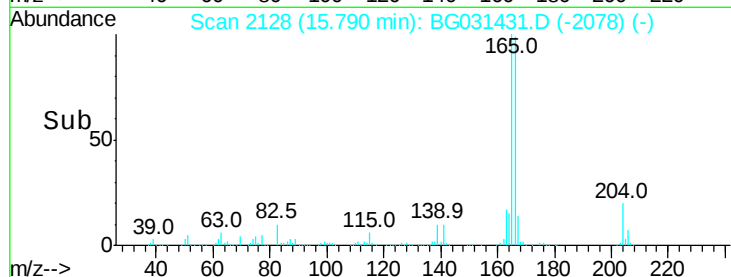
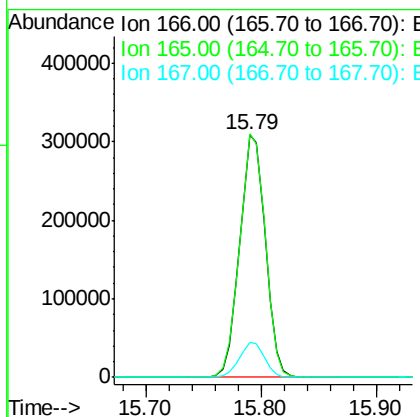
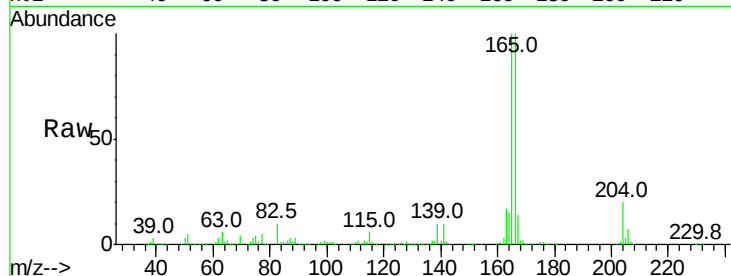




#57
 Fluorene
 Concen: 45.151 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

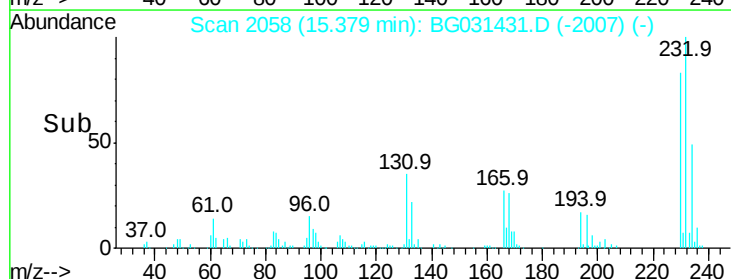
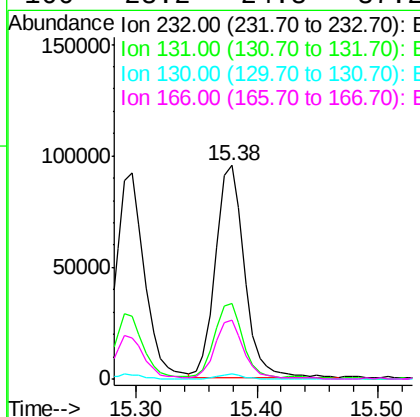
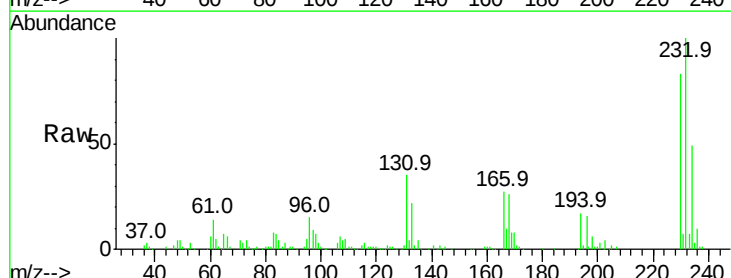
Instrument :
 BNA_G
 ClientSampleId :

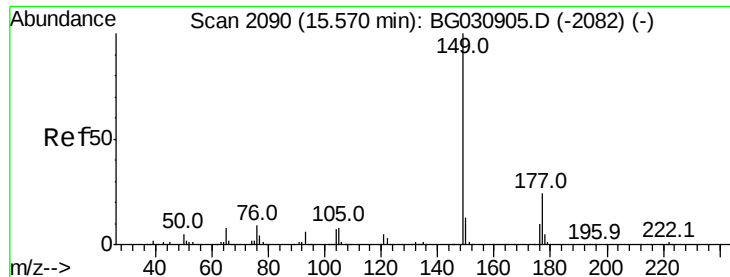
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	80.6	121.0
167	14.2	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.413 ng
 RT: 15.38 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.5	33.5	50.3#
130	2.1	2.2	3.2#
166	28.2	24.8	37.2





#59

Diethylphthalate

Concen: 45.333 ng

RT: 15.55 min Scan# 2087

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampled :

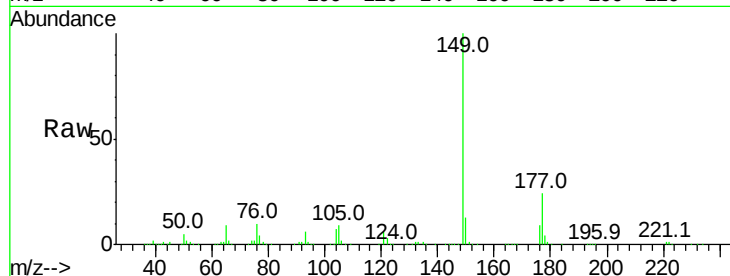
Tot Ion:149 Resp: 528262

Ion Ratio Lower Upper

149 100

177 24.3 18.5 27.7

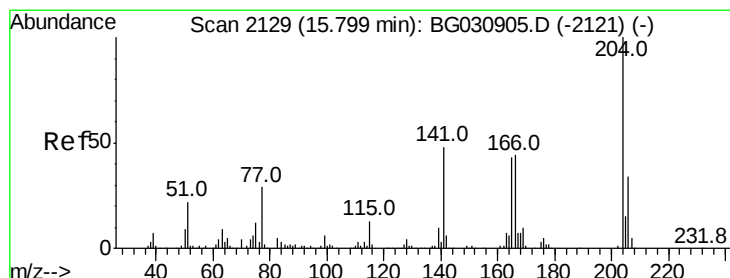
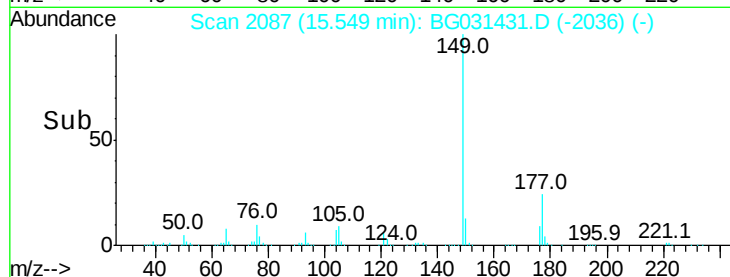
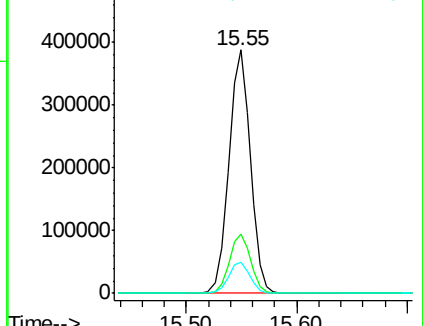
150 12.9 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.959 ng

RT: 15.78 min Scan# 2126

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

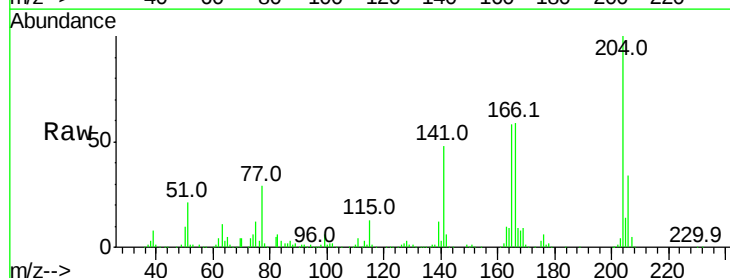
Tgt Ion:204 Resp: 284910

Ion Ratio Lower Upper

204 100

206 33.7 26.2 39.2

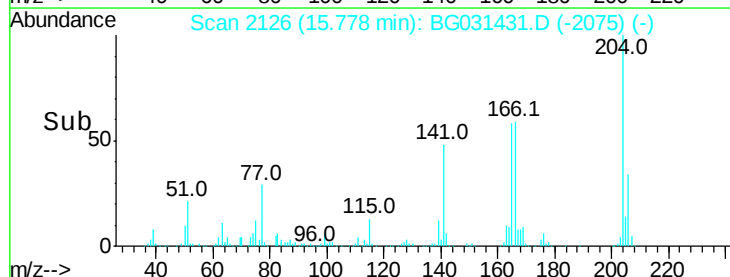
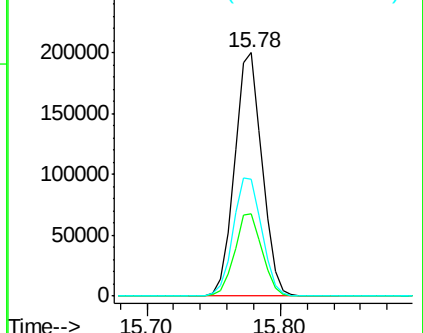
141 48.3 45.8 68.6

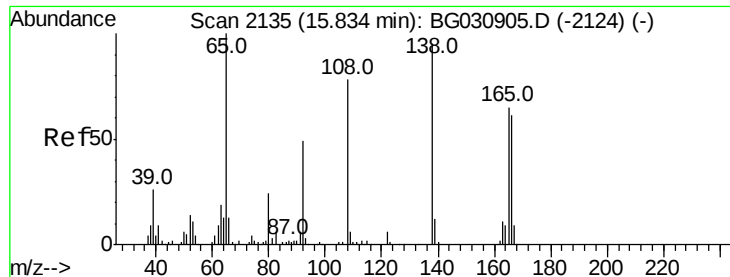


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 46.504 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampled :

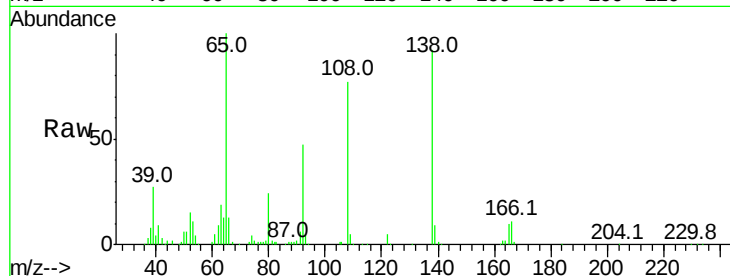
Tot Ion:138 Resp: 123633

Ion Ratio Lower Upper

138 100

92 51.4 40.1 80.1

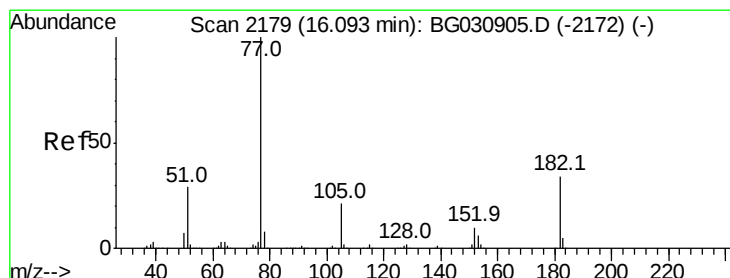
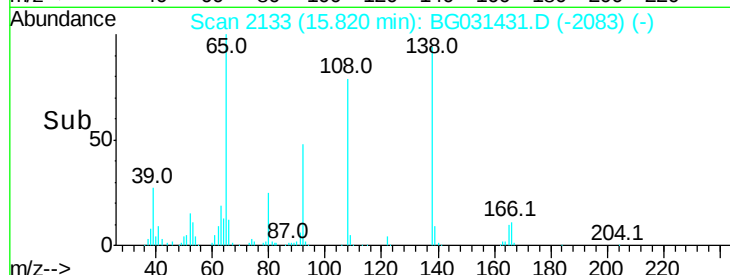
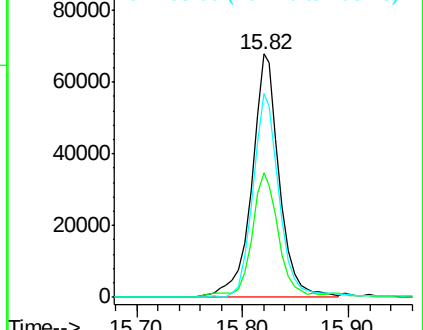
108 83.8 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 49.766 ng

RT: 16.07 min Scan# 2176

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Tgt Ion: 77 Resp: 442264

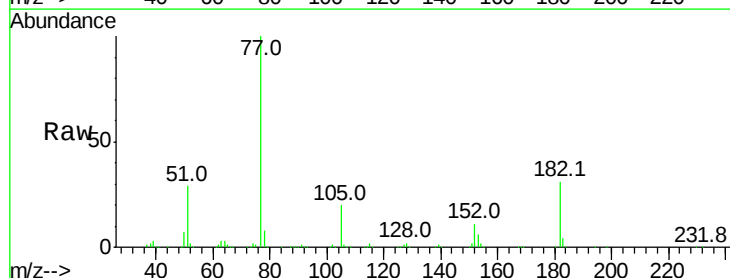
Ion Ratio Lower Upper

77 100

182 31.1 7.4 47.4

105 19.7 0.3 40.3

51 29.4 11.6 51.6

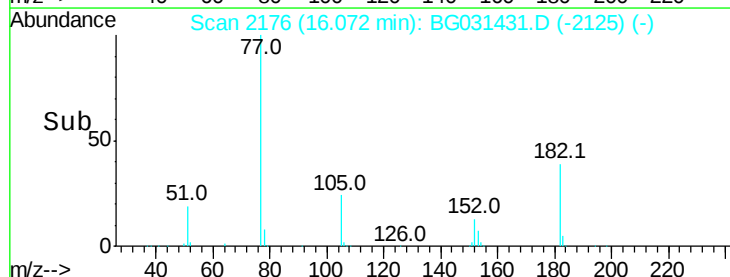
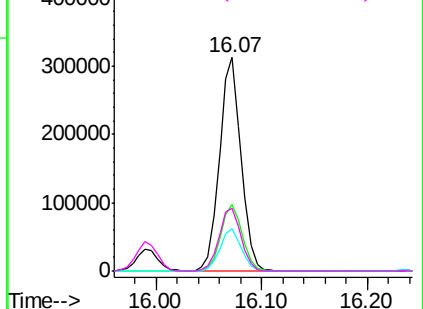


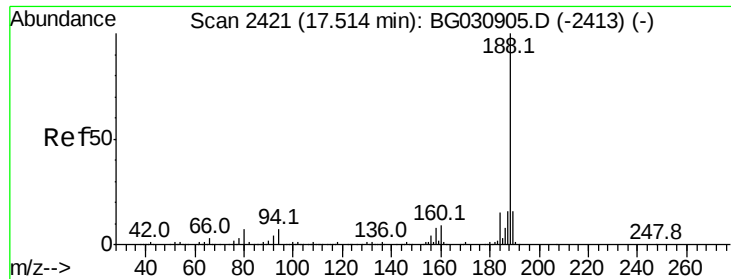
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

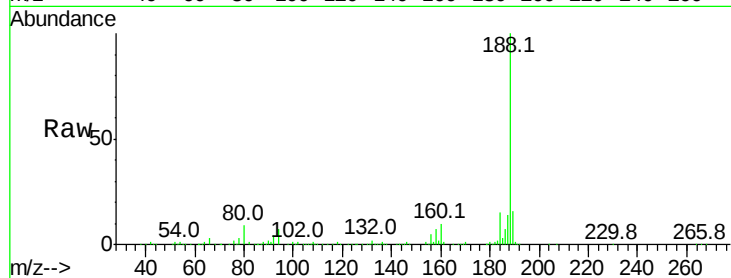
Tot Ion:188 Resp: 370294

Ion Ratio Lower Upper

188 100

94 7.5 6.9 10.3

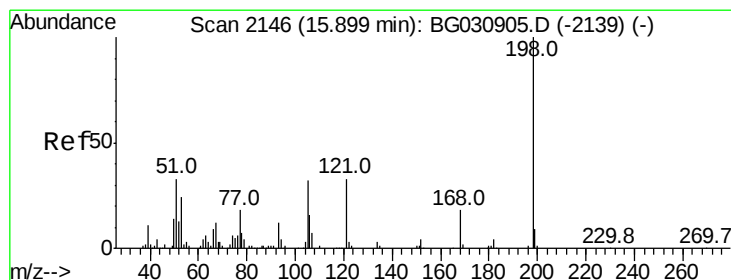
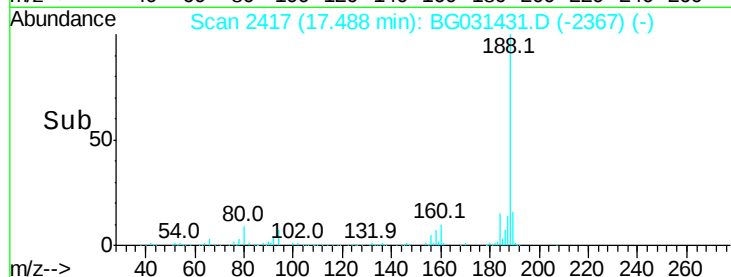
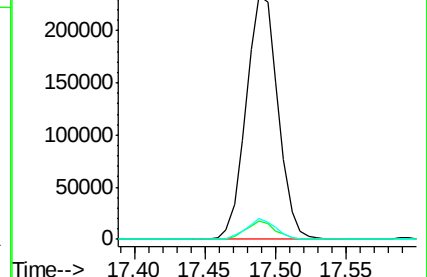
80 8.7 7.7 11.5



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: 22.152 ng

RT: 15.89 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

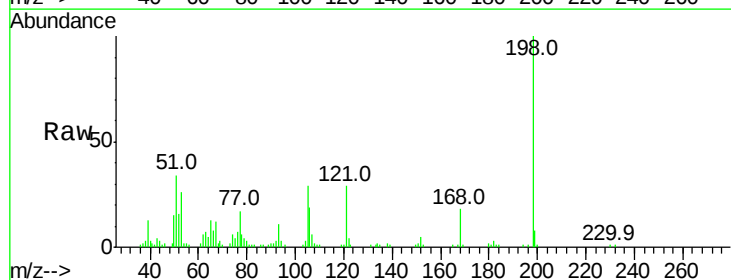
Tgt Ion:198 Resp: 54524

Ion Ratio Lower Upper

198 100

51 33.7 30.6 70.6

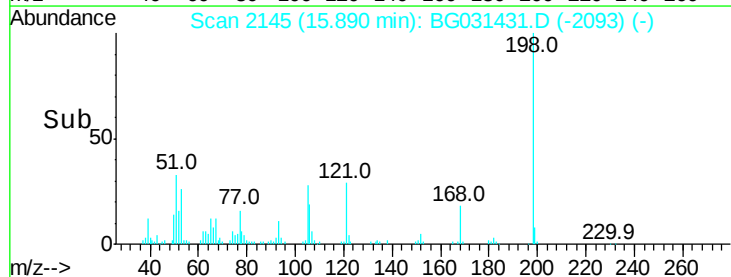
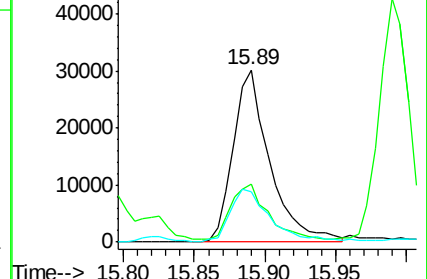
105 29.0 23.8 63.8

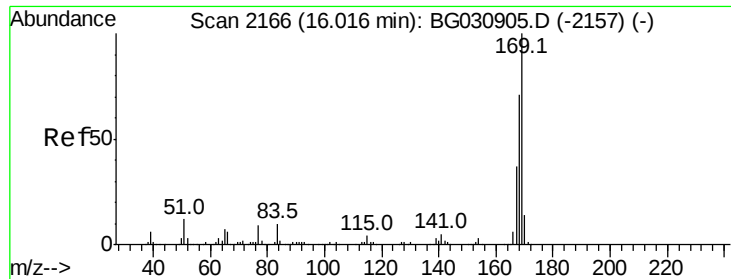


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

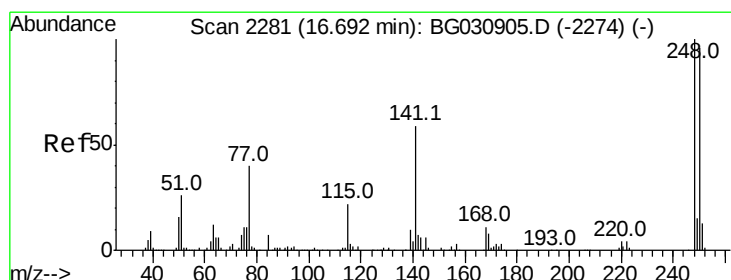
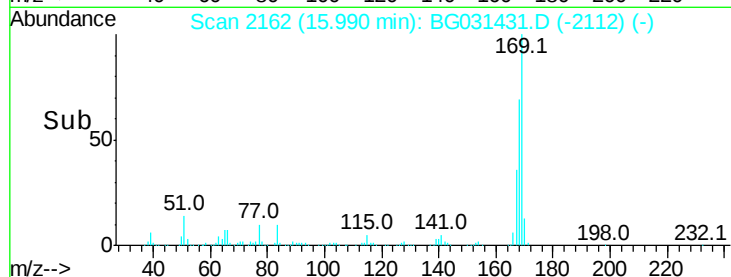
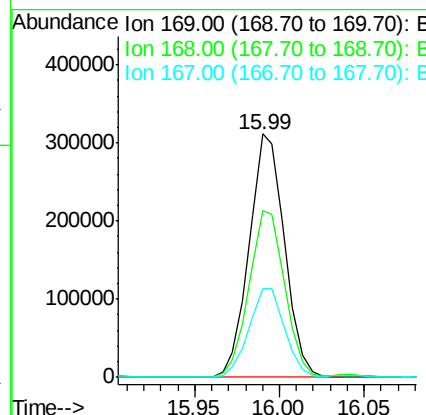
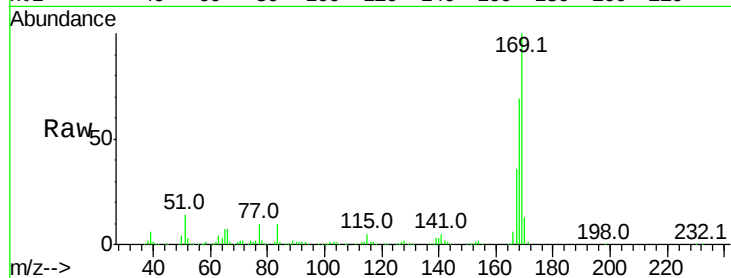




#65
 n-Nitrosodiphenylamine
 Concen: 40.361 ng
 RT: 15.99 min Scan# 2162
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

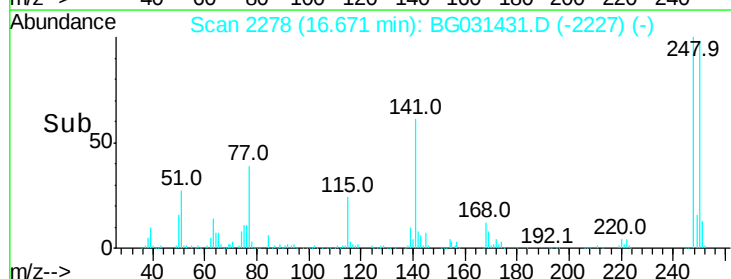
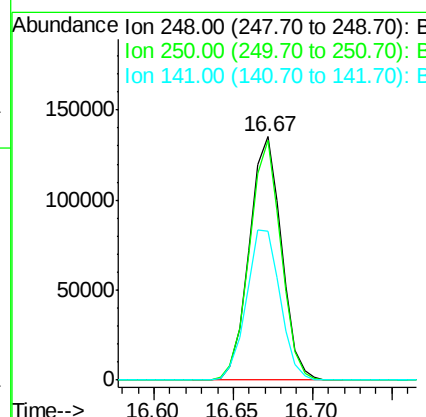
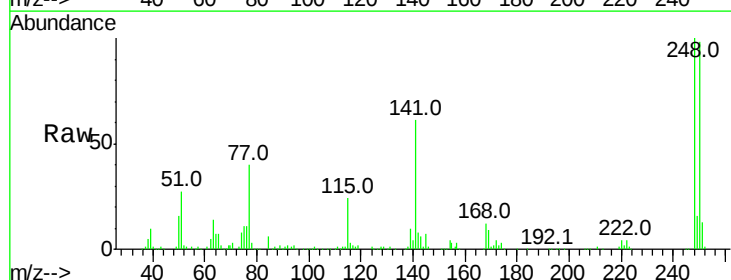
Instrument :
 BNA_G
 ClientSampled :

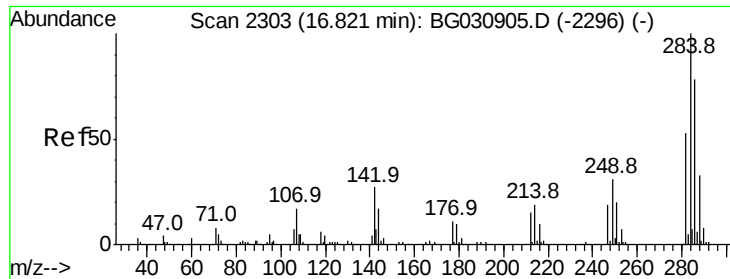
Tot Ion:169 Resp: 452881
 Ion Ratio Lower Upper
 169 100
 168 68.6 55.7 83.5
 167 36.4 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 40.594 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. 0.00 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion:248 Resp: 190382
 Ion Ratio Lower Upper
 248 100
 250 98.2 77.1 115.7
 141 61.2 50.8 76.2





#67

Hexachlorobenzene

Concen: 38.582 ng

RT: 16.80 min Scan# 2300

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

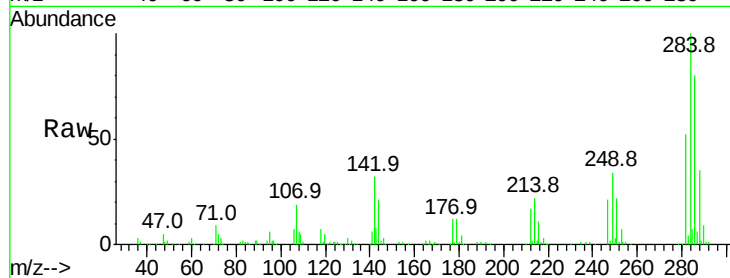
Tot Ion:284 Resp: 192267

Ion	Ratio	Lower	Upper
284	100		
142	32.2	26.8	40.2
249	34.4	26.3	39.5

284 100

142 32.2 26.8 40.2

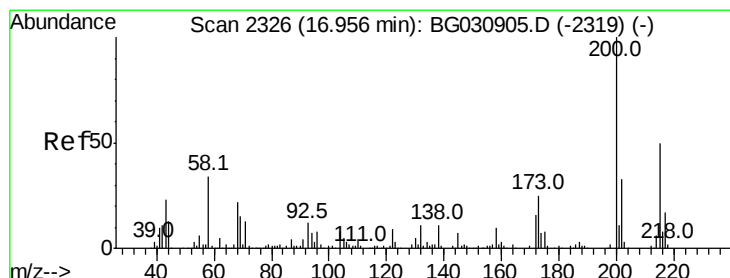
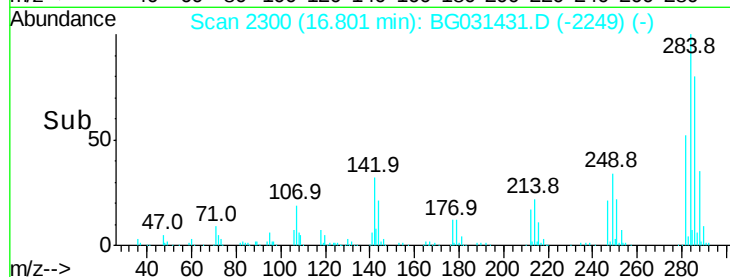
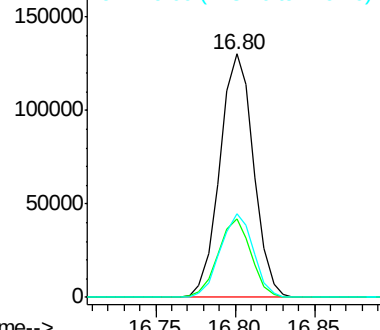
249 34.4 26.3 39.5



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: 42.300 ng

RT: 16.94 min Scan# 2323

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

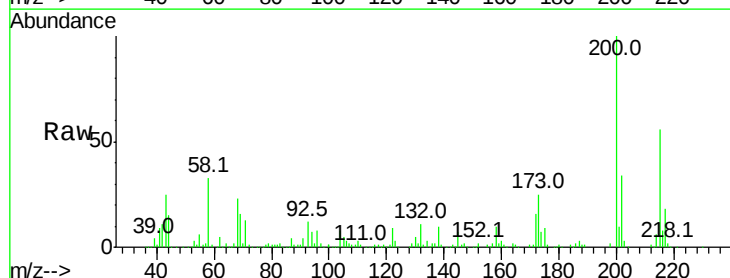
Tgt Ion:200 Resp: 195835

Ion	Ratio	Lower	Upper
200	100		
173	24.8	5.2	45.2
215	56.5	30.4	70.4

200 100

173 24.8 5.2 45.2

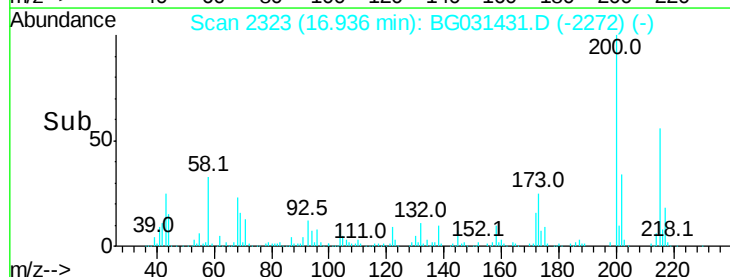
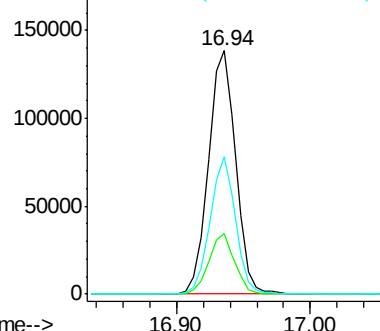
215 56.5 30.4 70.4

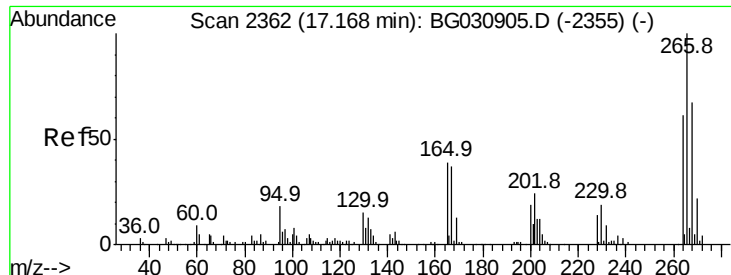


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 58.859 ng

RT: 17.15 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

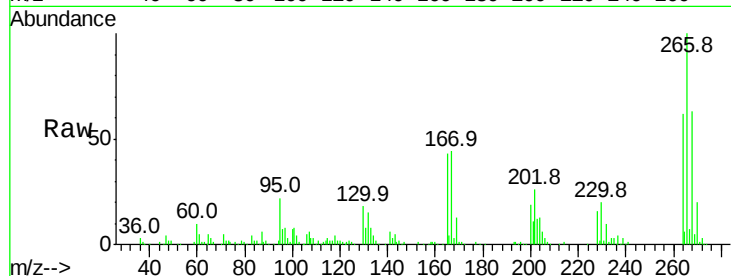
Tot Ion:266 Resp: 162134

Ion Ratio Lower Upper

266 100

268 62.7 51.1 76.7

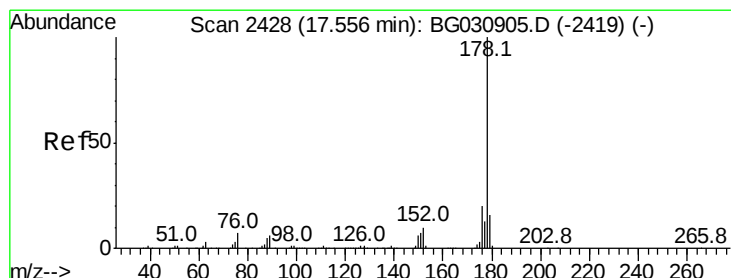
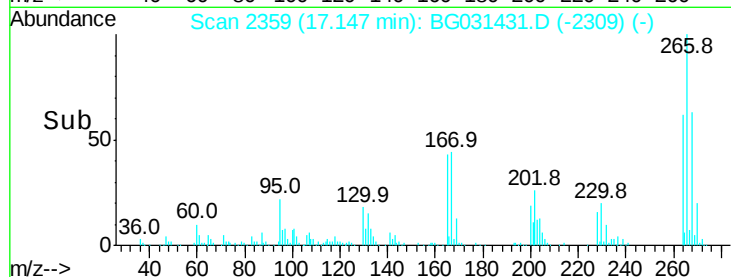
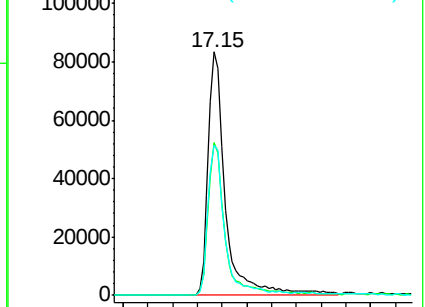
264 61.7 49.6 74.4



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: 43.750 ng

RT: 17.54 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

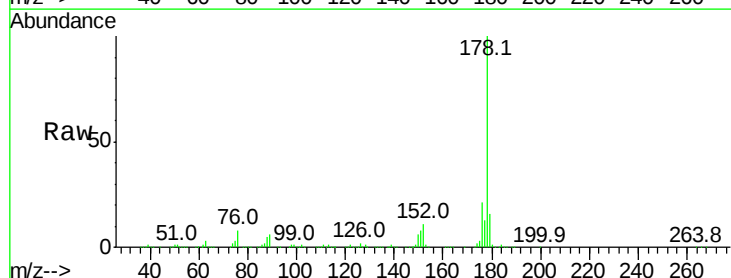
Tgt Ion:178 Resp: 843496

Ion Ratio Lower Upper

178 100

176 20.8 15.7 23.5

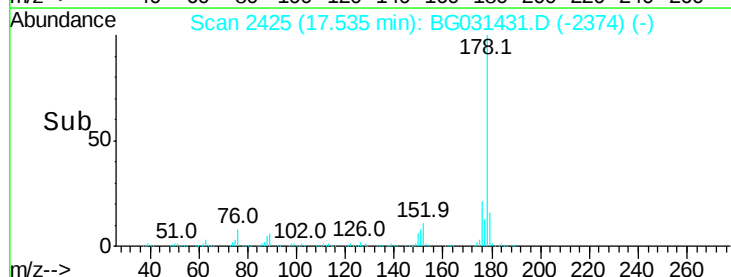
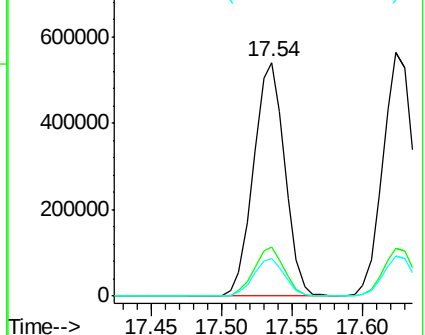
179 15.8 12.5 18.7

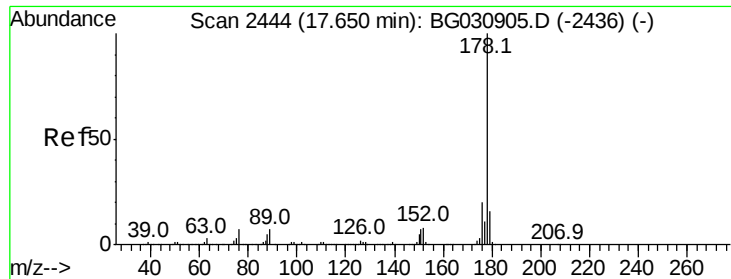


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

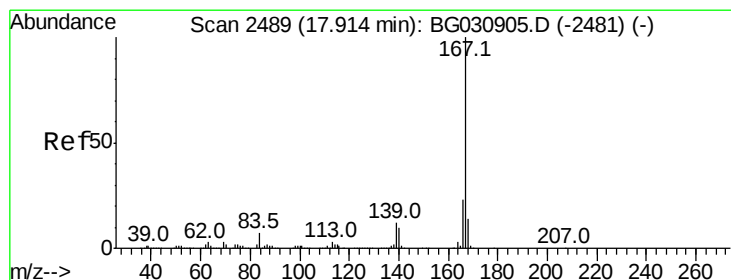
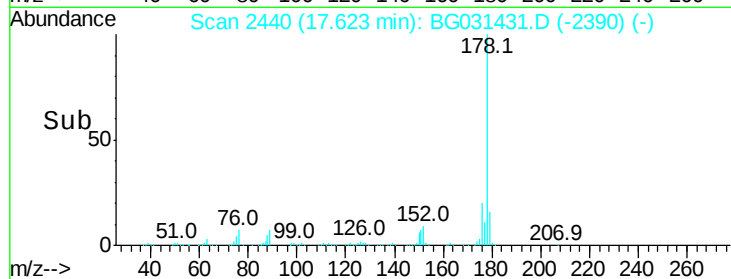
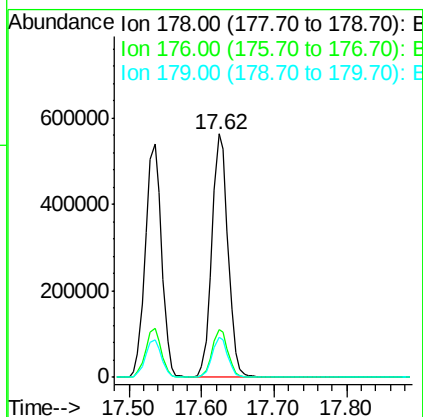
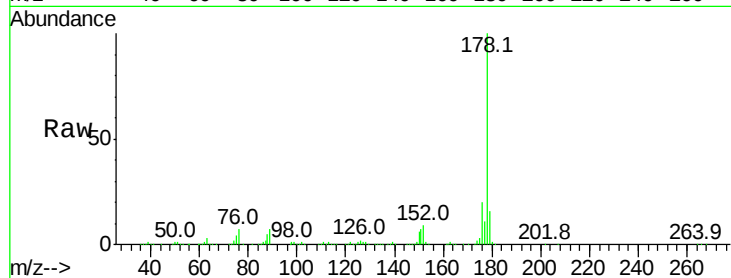




#71
 Anthracene
 Concen: 44.954 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

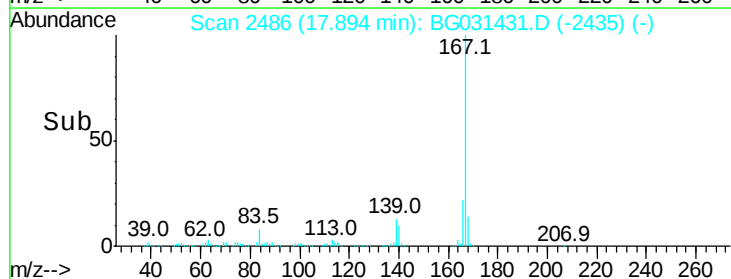
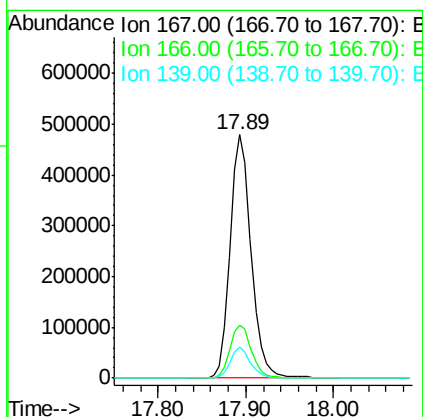
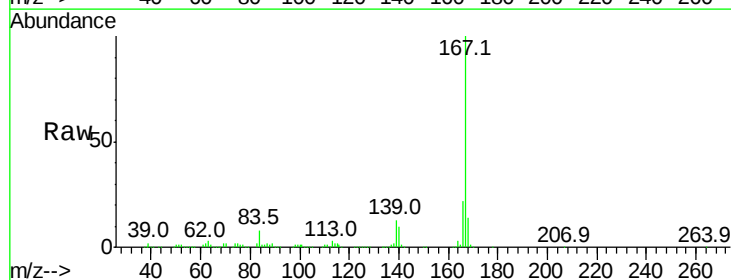
Instrument :
 BNA_G
 ClientSampleId :

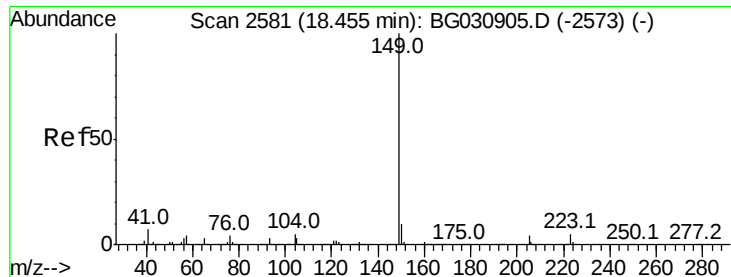
Tot Ion:178 Resp: 868445
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.4 12.5 18.7



#72
 Carbazole
 Concen: 43.365 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion:167 Resp: 784971
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.2 27.4
 139 12.9 9.4 14.2

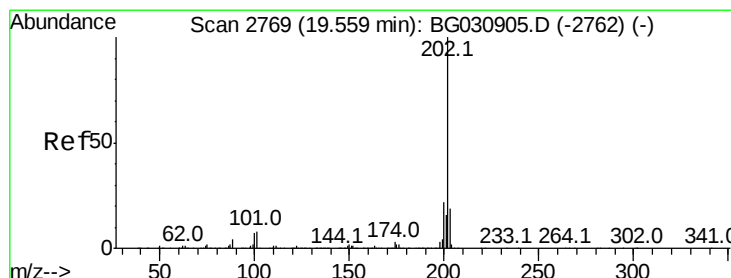
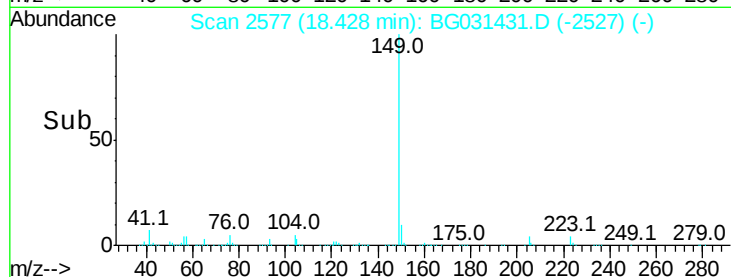
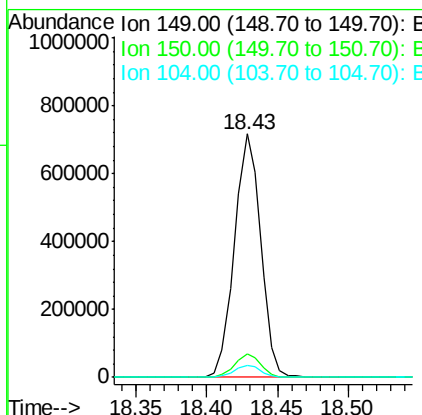
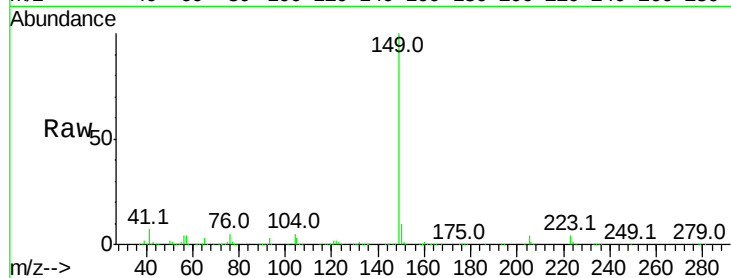




#73
Di-n-butylphthalate
Concen: 41.821 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

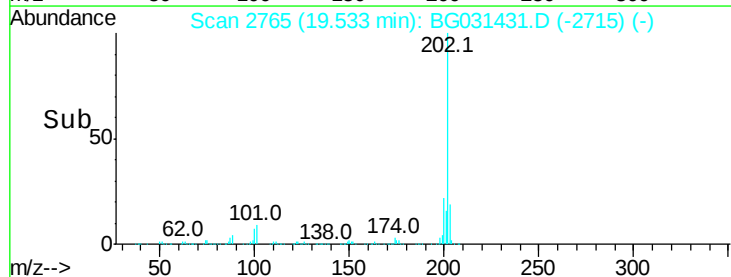
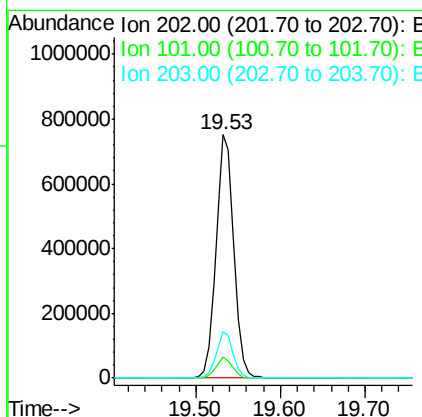
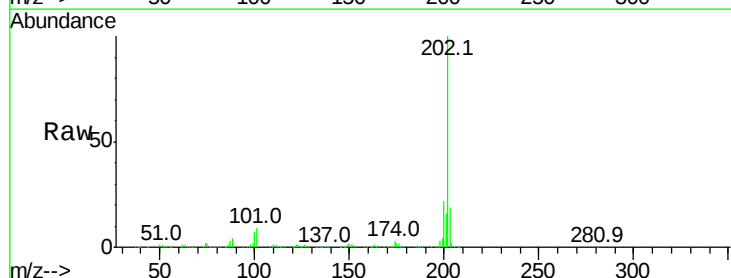
Instrument :
BNA_G
ClientSampleId :

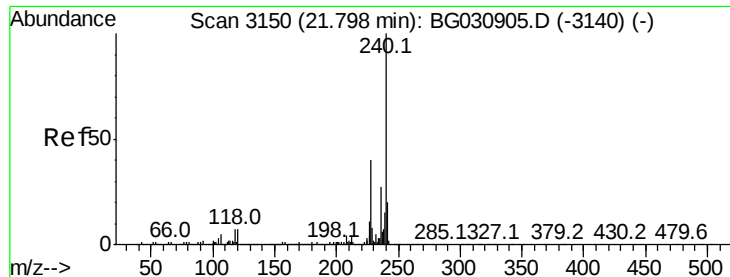
Tot Ion:149 Resp: 929502
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 5.1 3.9 5.9



#74
Fluoranthene
Concen: 45.306 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion:202 Resp: 1105980
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.9
203 18.9 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

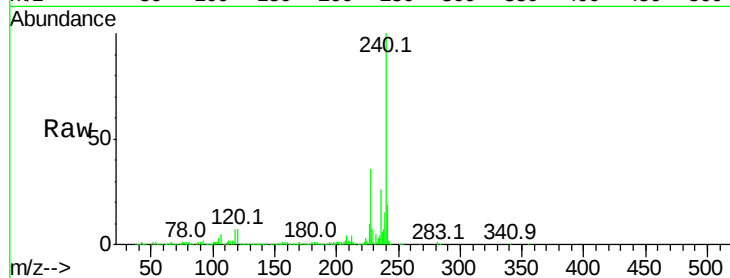
Tot Ion:240 Resp: 401681

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

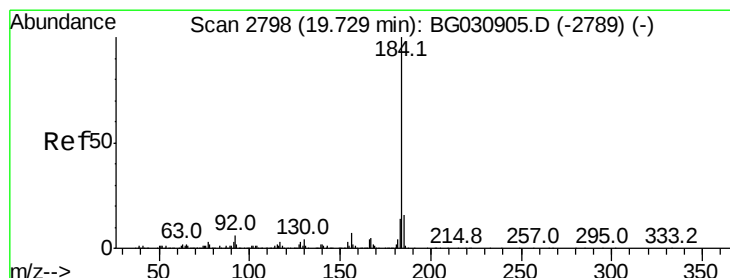
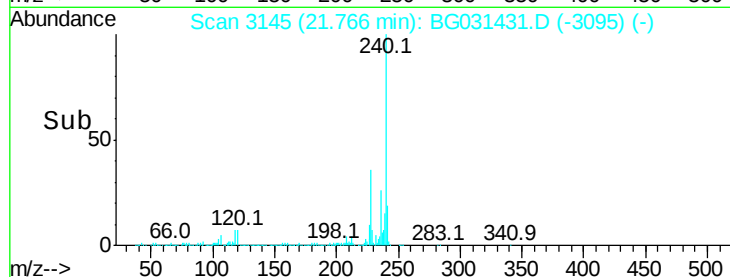
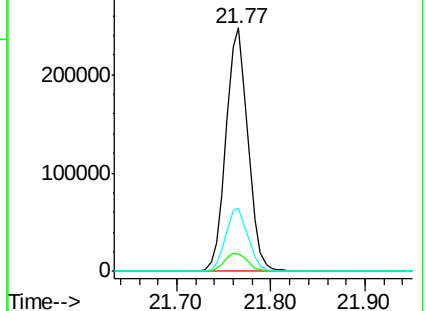
236 25.7 20.9 31.3



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: 23.139 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

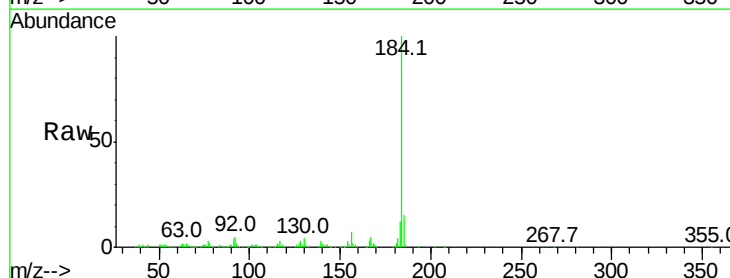
Tgt Ion:184 Resp: 298555

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

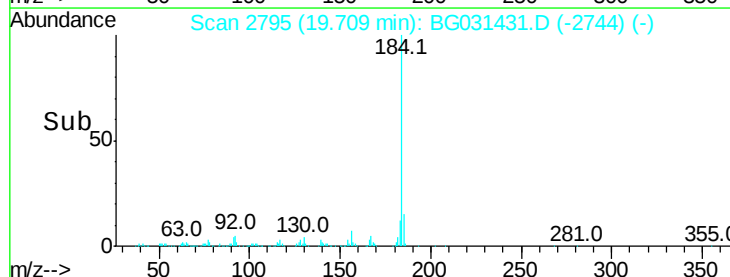
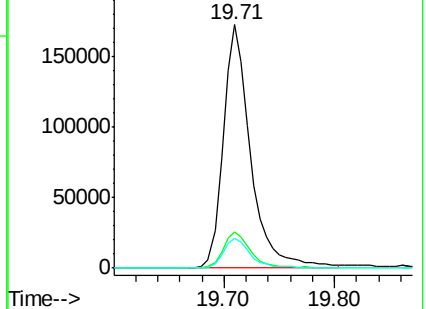
183 12.2 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

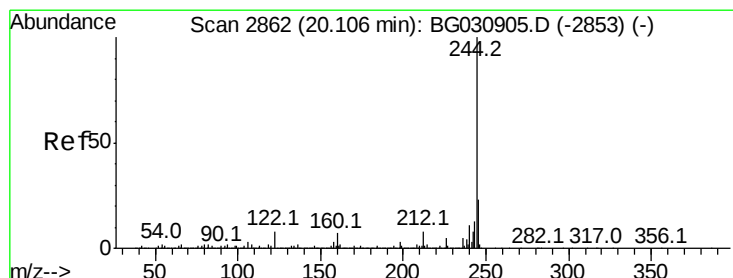
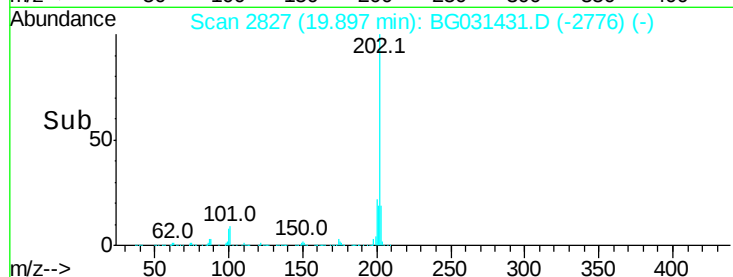
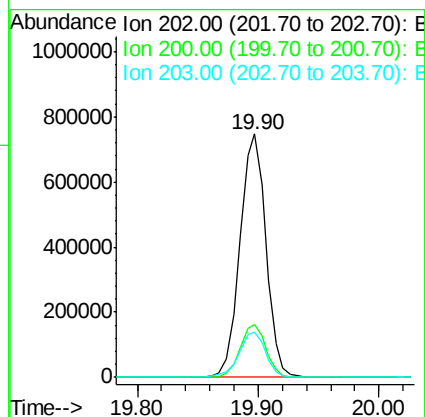
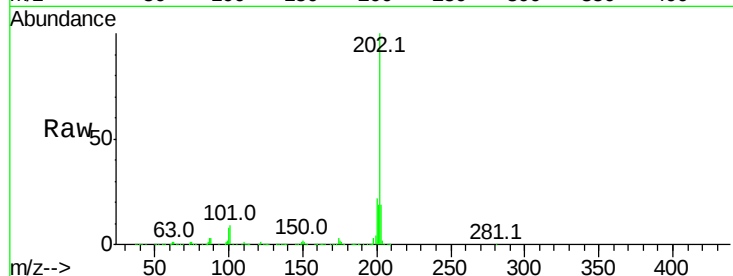




#77
Pvrene
Concen: 46.921 ng
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

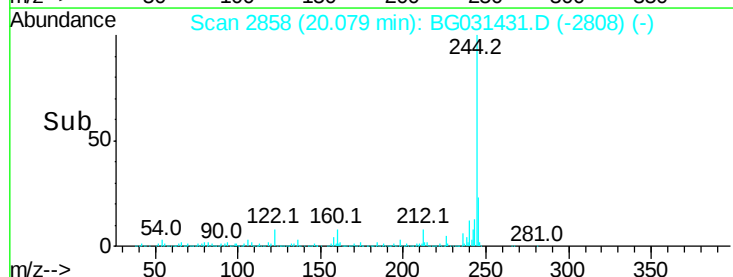
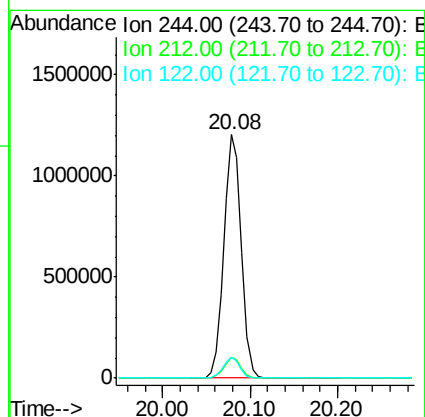
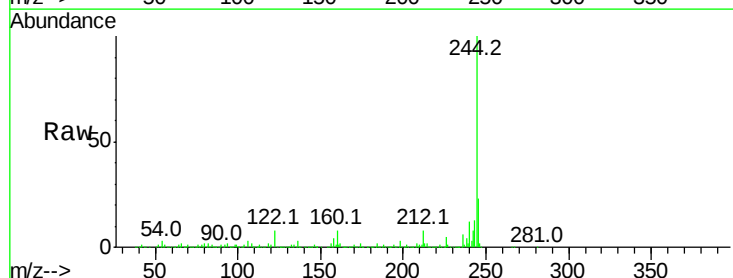
Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 1118386
Ion Ratio Lower Upper
202 100
200 21.9 16.9 25.3
203 18.8 13.9 20.9



#78
Terphenyl-d14
Concen: 90.334 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion:244 Resp: 1643289
Ion Ratio Lower Upper
244 100
212 8.4 5.8 8.8
122 8.5 7.0 10.4

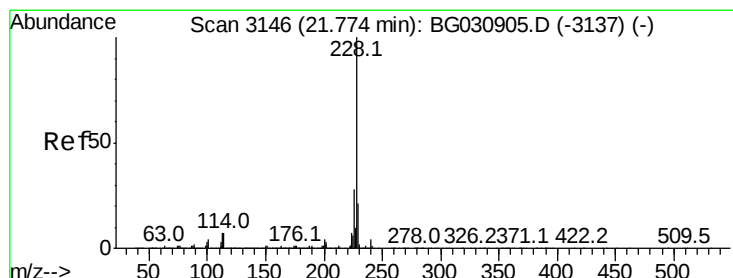
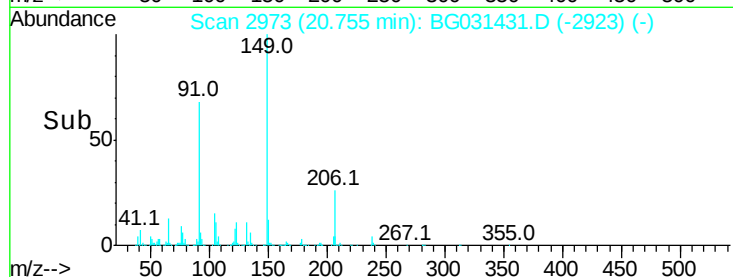
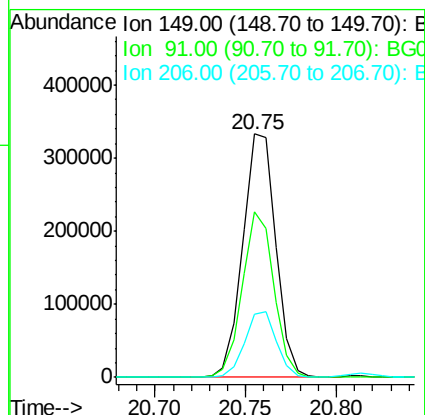
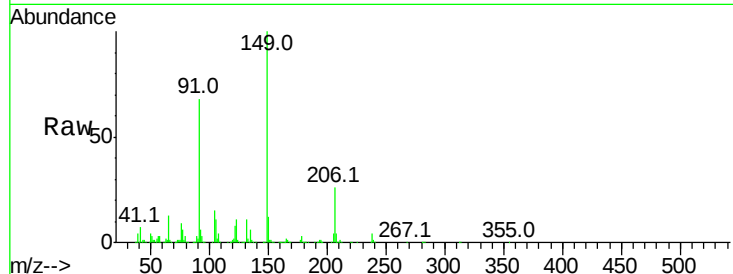




#79
Butylbenzylphthalate
Concen: 44.482 ng
RT: 20.75 min Scan# 2973
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

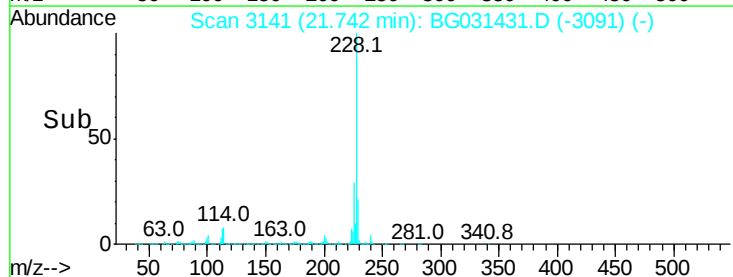
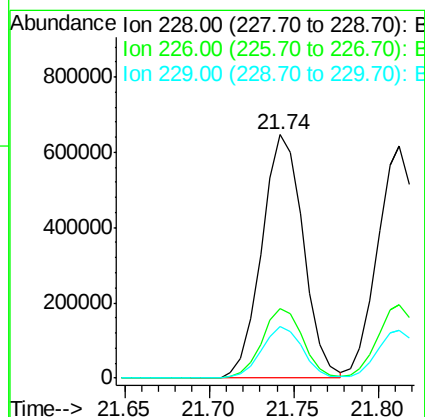
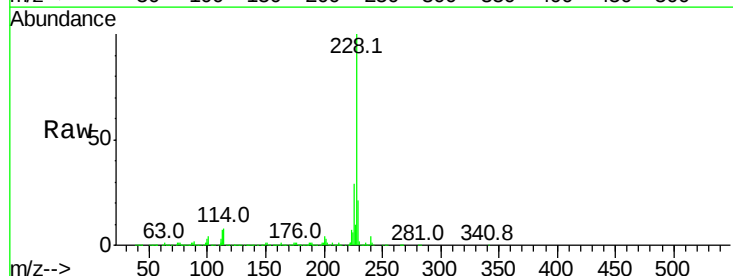
Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 422746
Ion Ratio Lower Upper
149 100
91 67.8 62.2 93.2
206 26.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 44.316 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031431.D
Acq: 8 Dec 2017 19:51

Tgt Ion:228 Resp: 1105705
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 21.2 16.2 24.2

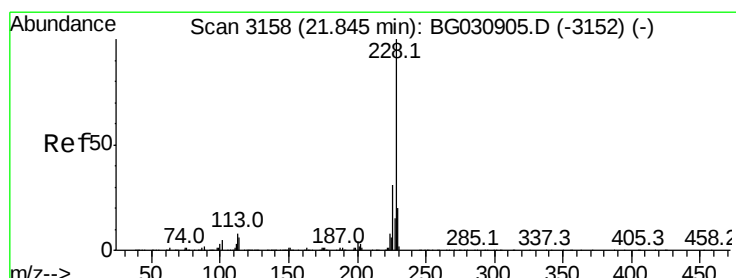
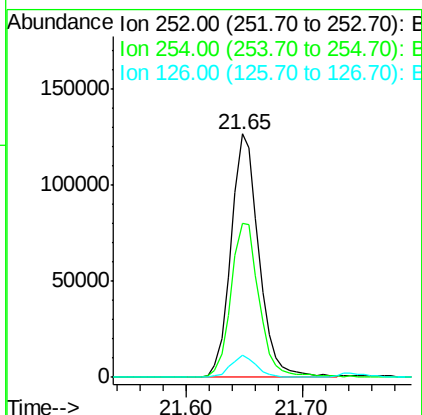
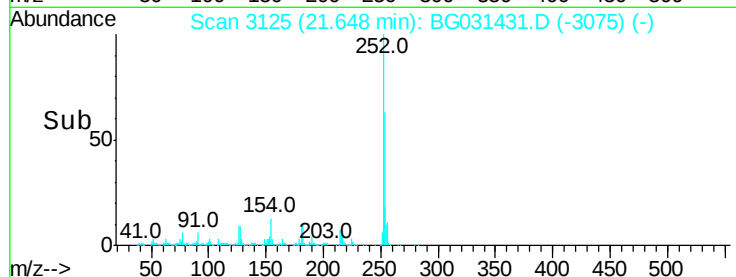
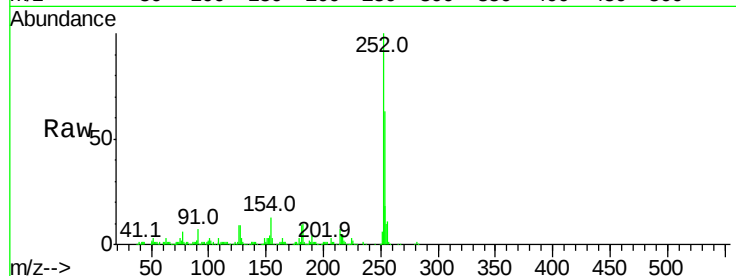




#81
 3,3'-Dichlorobenzidine
 Concen: 20.992 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

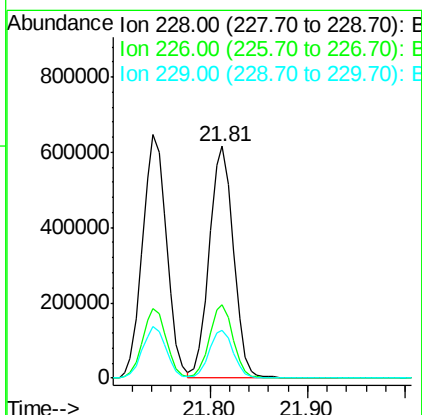
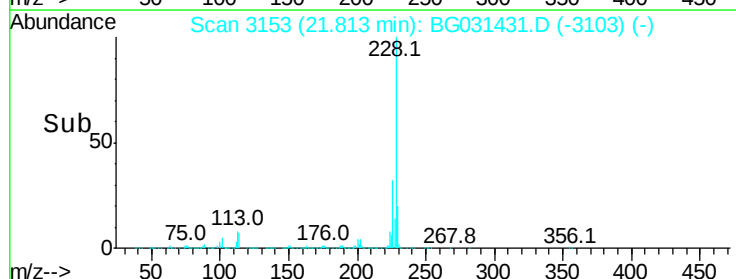
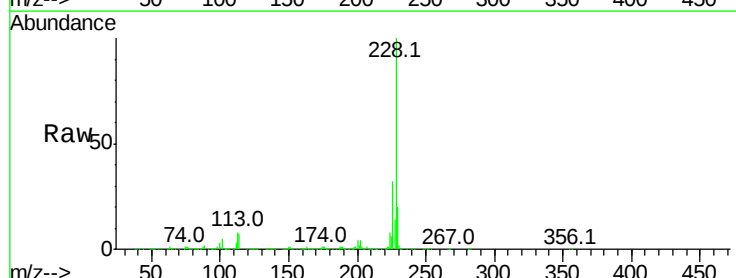
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 211423
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.8 76.2
 126 9.0 7.4 11.2



#82
 Chrysene
 Concen: 45.704 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion:228 Resp: 1054876
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.9 37.3
 229 20.4 15.0 22.4

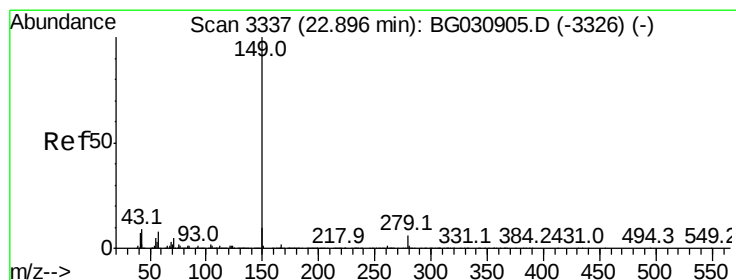
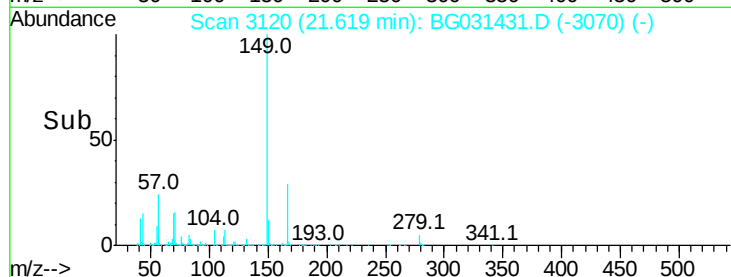
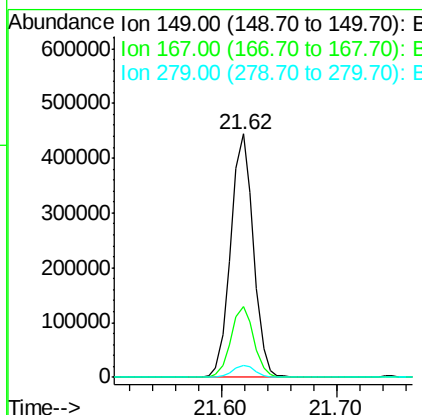
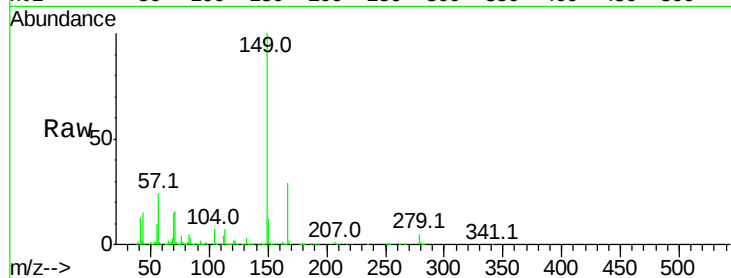




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.995 ng
 RT: 21.62 min Scan# 3120
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

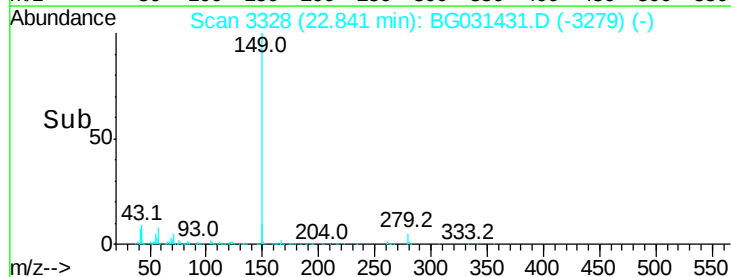
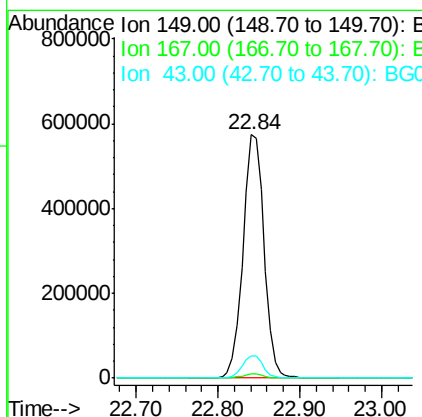
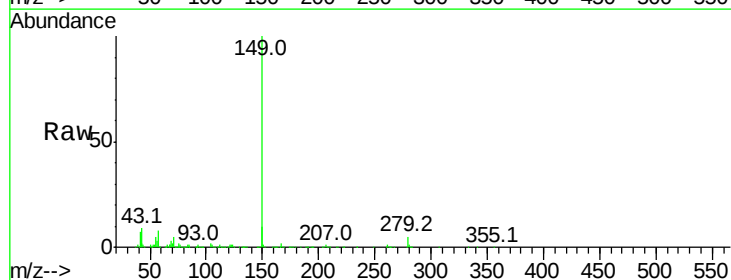
Instrument :
 BNA_G
 ClientSampleId :

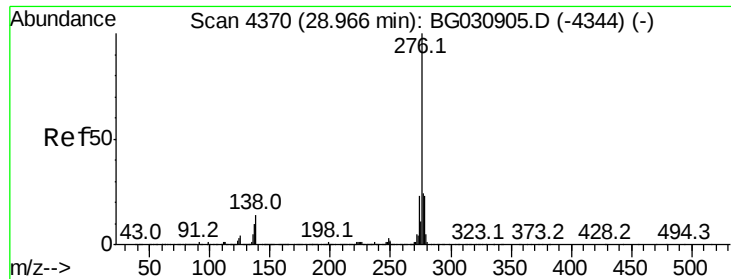
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.3	36.5
279	4.9	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 46.022 ng
 RT: 22.84 min Scan# 3328
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.2	8.9	13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.659 ng

RT: 28.85 min Scan# 4351

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

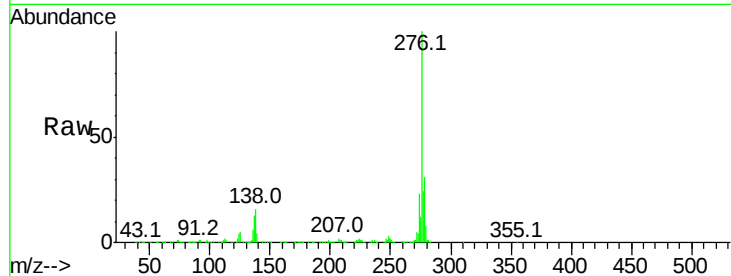
Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1196951

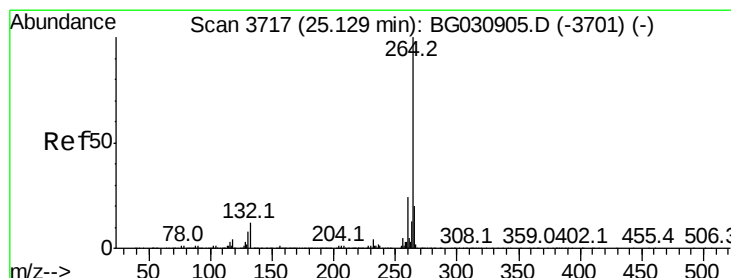
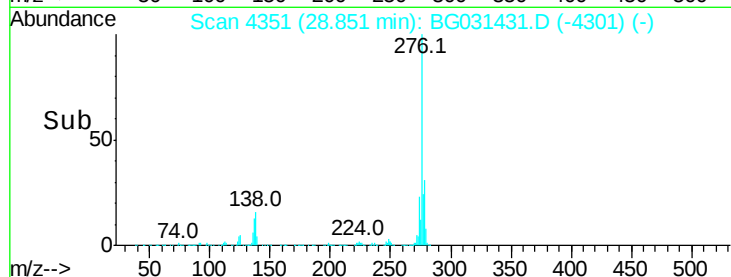
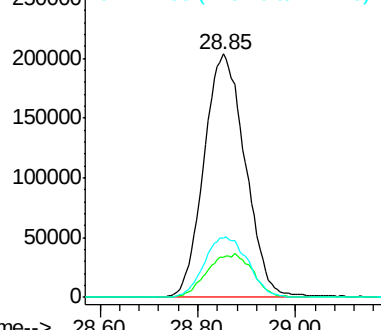
Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	26.2	20.0	30.0



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: 25.06 min Scan# 3706

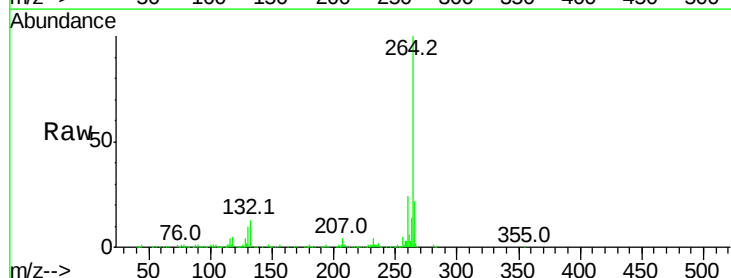
Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Tgt Ion:264 Resp: 394958

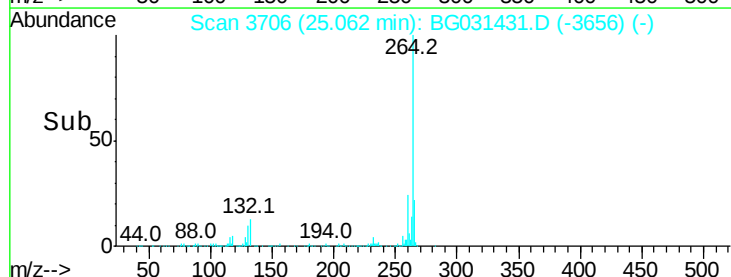
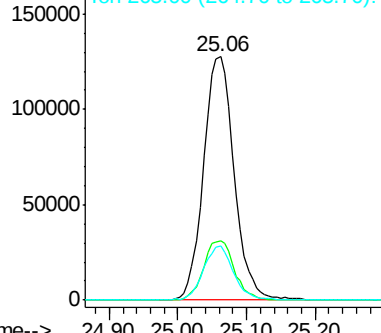
Ion	Ratio	Lower	Upper
264	100		
260	24.2	17.4	26.0
265	22.0	17.7	26.5



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: 45.881 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Instrument :

BNA_G

ClientSampleId :

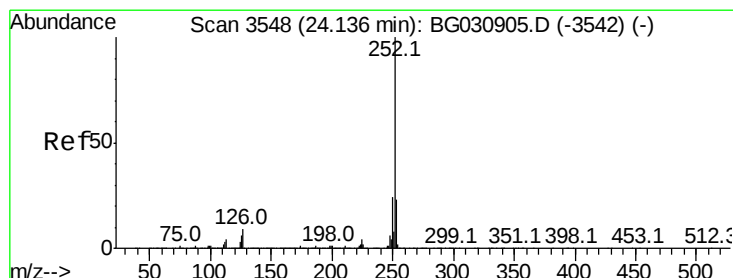
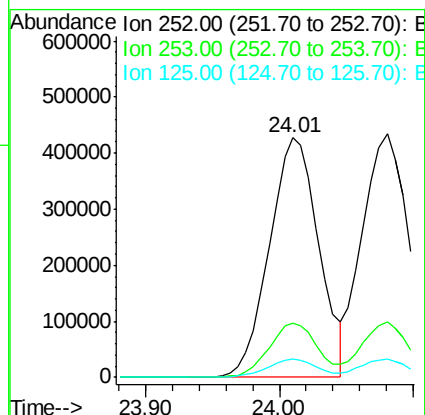
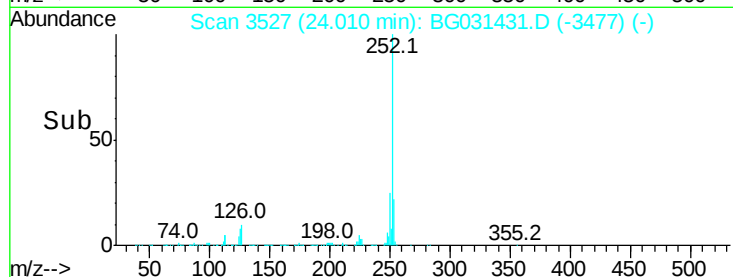
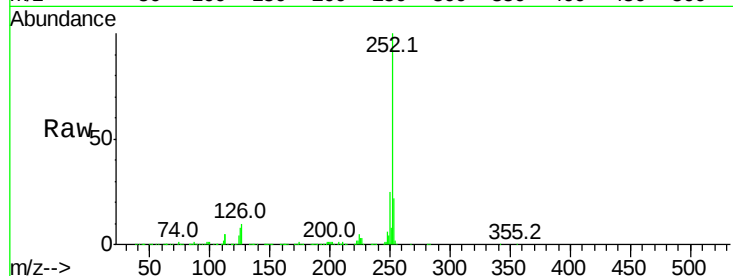
Tot Ion:252 Resp: 1096150

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

125 7.7 7.2 10.8



#88

Benzo(k)fluoranthene

Concen: 45.052 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

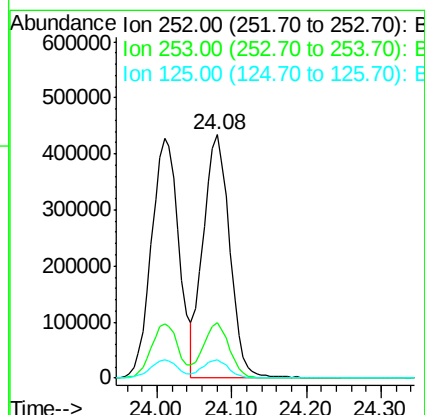
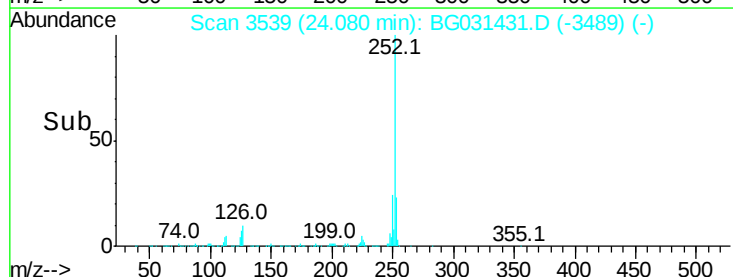
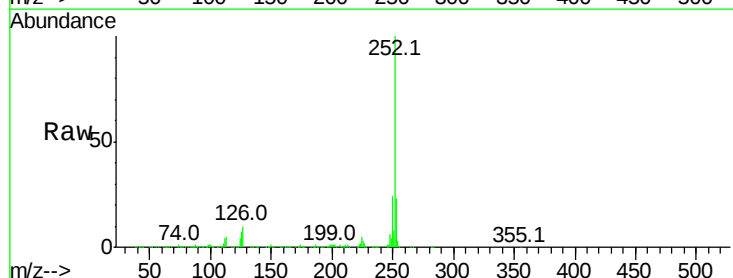
Tgt Ion:252 Resp: 1066874

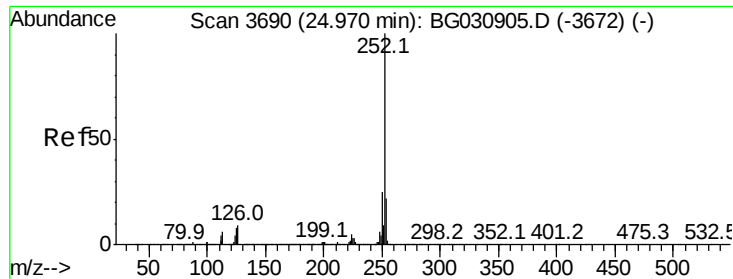
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.2

125 7.3 6.6 9.8





#89

Benzo(a)pyrene

Concen: 46.490 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

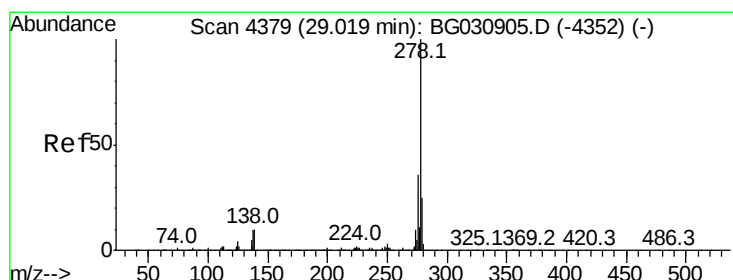
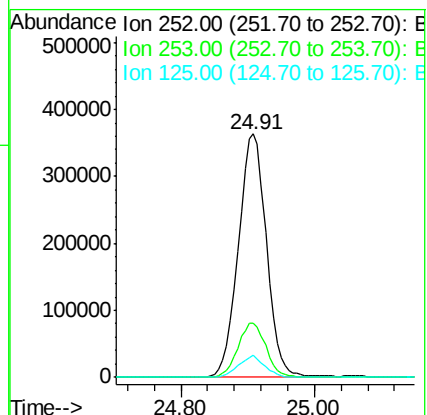
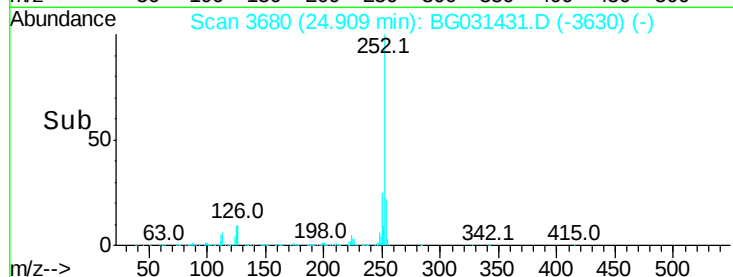
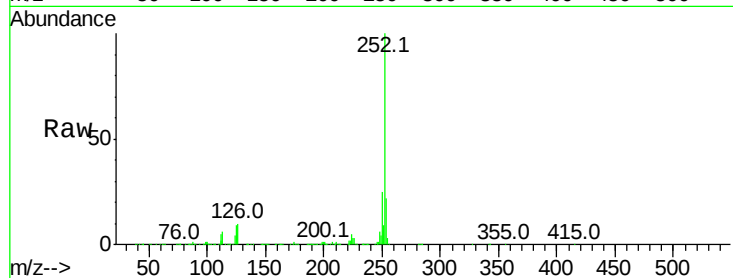
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1055136

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.3	27.5
125	8.9	7.3	10.9



#90

Dibenzo(a,h)anthracene

Concen: 43.028 ng

RT: 28.90 min Scan# 4360

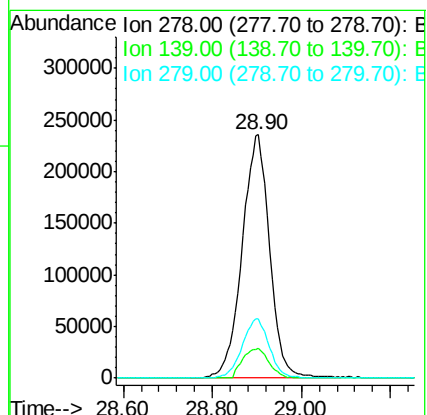
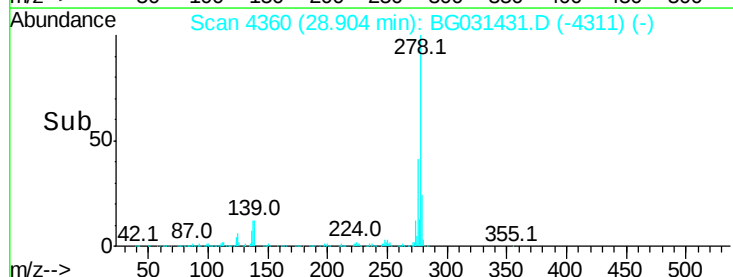
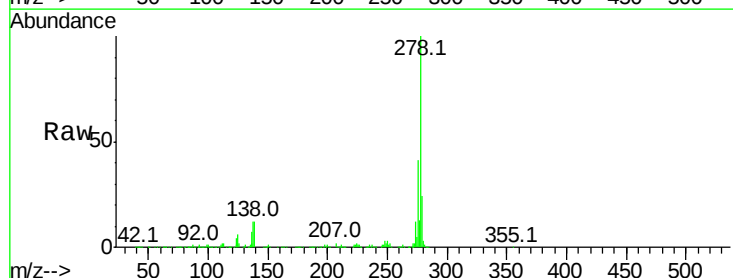
Delta R.T. -0.01 min

Lab File: BG031431.D

Acq: 8 Dec 2017 19:51

Tgt Ion:278 Resp: 998165

Ion	Ratio	Lower	Upper
278	100		
139	12.2	9.8	14.6
279	24.4	18.4	27.6



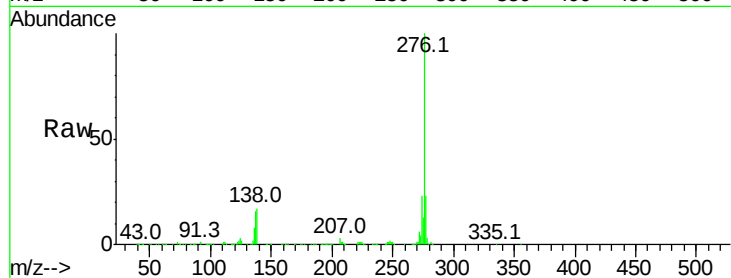


#91
 Benzo(a,h,i)perylene
 Concen: 44.466 ng
 RT: 30.04 min Scan# 4553
 Delta R.T. -0.01 min
 Lab File: BG031431.D
 Acq: 8 Dec 2017 19:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1001155

Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.3	27.5
138	17.3	13.9	20.9



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

