

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
 Data File : BG031609.D
 Acq On : 16 Dec 2017 4:21
 Operator : SJ/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 05:15:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	67203	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	305096	20.00	ng	-0.01
38) Acenaphthene-d10	14.72	164	209234	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	524682	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	552091	20.00	ng	-0.01
86) Perylene-d12	25.02	264	492504	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	315063	83.10	ng	0.00
7) Phenol-d6	7.27	99	431933	82.06	ng	0.00
23) Nitrobenzene-d5	9.26	82	402853	81.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.22	330	215821	88.04	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1153882	80.95	ng	0.00
78) Terphenyl-d14	20.06	244	1949108	80.32	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	62408	34.498	ng	# 80
3) Pyridine	3.91	79	178762	37.532	ng	87
4) n-Nitrosodimethylamine	3.82	42	81321	36.248	ng	# 91
6) Aniline	7.42	93	274794	39.644	ng	92
8) 2-Chlorophenol	7.66	128	176620	41.763	ng	87
9) Benzaldehyde	7.23	77	117115	38.388	ng	90
10) Phenol	7.30	94	214594	39.689	ng	90
11) bis(2-Chloroethyl)ether	7.51	93	172975	39.197	ng	89
12) 1,3-Dichlorobenzene	7.98	146	199568	39.682	ng	96
13) 1,4-Dichlorobenzene	8.13	146	203409	38.916	ng	95
14) 1,2-Dichlorobenzene	8.45	146	198625	39.892	ng	98
15) Benzyl Alcohol	8.34	79	157034	38.140	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	171637	34.620	ng	90
17) 2-Methylphenol	8.55	107	148845	40.385	ng	95
18) Hexachloroethane	9.18	117	68252	38.738	ng	89
19) n-Nitroso-di-n-propylamine	8.90	70	153015	36.936	ng	# 92
20) 3+4-Methylphenols	8.88	107	215822	39.308	ng	97
22) Acetophenone	8.92	105	302105	41.275	ng	# 92
24) Nitrobenzene	9.31	77	203079	40.037	ng	89
25) Isophorone	9.83	82	378992	40.514	ng	# 91
26) 2-Nitrophenol	10.02	139	114338	45.587	ng	# 85
27) 2,4-Dimethylphenol	10.08	122	163618	42.943	ng	95
28) bis(2-Chloroethoxy)methane	10.30	93	249384	41.293	ng	94
29) 2,4-Dichlorophenol	10.57	162	202472	45.105	ng	96
30) 1,2,4-Trichlorobenzene	10.77	180	238719	41.632	ng	97
31) Naphthalene	10.96	128	599428	39.992	ng	98
32) Benzoic acid	10.08	122	163618	63.594	ng	# 6
33) 4-Chloroaniline	11.07	127	266379	40.931	ng	93
34) Hexachlorobutadiene	11.24	225	156911	41.255	ng	97
35) Caprolactam	11.85	113	71200	40.393	ng	# 71
36) 4-Chloro-3-methylphenol	12.20	107	209804	40.946	ng	87
37) 2-Methylnaphthalene	12.56	142	464998	40.068	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	334635	40.922	ng	# 98
40) Hexachlorocyclopentadiene	12.90	237	76046	38.558	ng	92

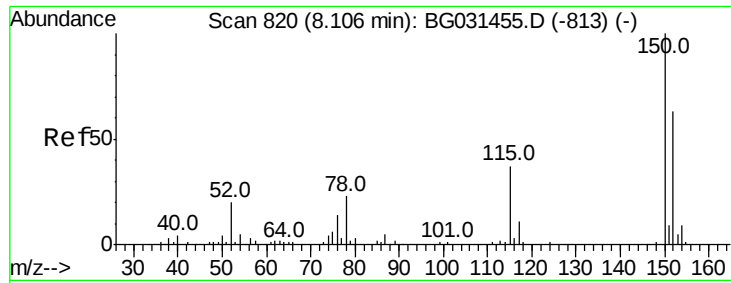
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
 Data File : BG031609.D
 Acq On : 16 Dec 2017 4:21
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 16 05:15:28 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	181320	43.399	nq	99
43) 2,4,5-Trichlorophenol	13.26	196	199423	44.312	nq #	90
45) 1,1'-Biphenyl	13.56	154	695382	40.464	nq	97
46) 2-Chloronaphthalene	13.61	162	510334	40.573	nq	97
47) 2-Nitroaniline	13.81	65	140845	39.849	nq #	75
48) Acenaphthylene	14.45	152	815742	40.305	nq	98
49) Dimethylphthalate	14.17	163	711088	41.050	nq	99
50) 2,6-Dinitrotoluene	14.30	165	154501	41.728	nq #	77
51) Acenaphthene	14.79	154	513893	40.156	nq	99
52) 3-Nitroaniline	14.63	138	158324	41.947	nq #	78
53) 2,4-Dinitrophenol	14.89	184	3533	11.079	nq #	47
54) Dibenzofuran	15.12	168	816345	39.975	nq	100
55) 4-Nitrophenol	14.97	139	81342	34.025	nq #	78
56) 2,4-Dinitrotoluene	15.10	165	218954	41.635	nq #	70
57) Fluorene	15.77	166	662051	40.461	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	167582	39.615	nq #	89
59) Diethylphthalate	15.52	149	709617	40.869	nq	98
60) 4-Chlorophenyl-phenylether	15.75	204	406914	40.647	nq	92
61) 4-Nitroaniline	15.80	138	165926	41.891	nq	87
62) Azobenzene	16.04	77	534996	37.195	nq	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	34946	14.788	nq	78
65) n-Nitrosodiphenylamine	15.97	169	645496	42.031	nq	99
66) 4-Bromophenyl-phenylether	16.64	248	259408	42.518	nq	96
67) Hexachlorobenzene	16.78	284	265046	42.070	nq	94
68) Atrazine	16.91	200	241713	43.044	nq	98
69) Pentachlorophenol	17.13	266	72916	28.035	nq	100
70) Phenanthrene	17.51	178	1094741	39.951	nq	98
71) Anthracene	17.60	178	1100959	40.624	nq	99
72) Carbazole	17.87	167	1030723	42.027	nq	99
73) Di-n-butylphthalate	18.41	149	1185823	41.869	nq	99
74) Fluoranthene	19.51	202	1387221	40.452	nq	97
76) Benzidine	19.69	184	577231	44.927	nq	98
77) Pyrene	19.88	202	1416433	41.290	nq	97
79) Butylbenzylphthalate	20.74	149	543288	45.144	nq #	82
80) Benzo(a)anthracene	21.72	228	1369690	41.103	nq	99
81) 3,3'-Dichlorobenzidine	21.63	252	495498	42.724	nq	97
82) Chrysene	21.79	228	1275780	39.935	nq	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	737984	42.623	nq	100
84) Di-n-octyl phthalate	22.81	149	1179015	41.282	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.79	276	1263483	37.008	nq	98
87) Benzo(b)fluoranthene	23.98	252	1230810	41.801	nq	99
88) Benzo(k)fluoranthene	24.04	252	1269473	42.248	nq	98
89) Benzo(a)pyrene	24.86	252	1162225	41.609	nq	100
90) Dibenzo(a,h)anthracene	28.82	278	1070065	40.062	nq	97
91) Benzo(g,h,i)perylene	29.96	276	1037968	39.527	nq	98

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

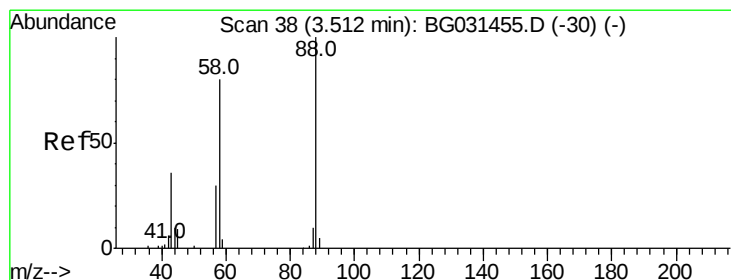
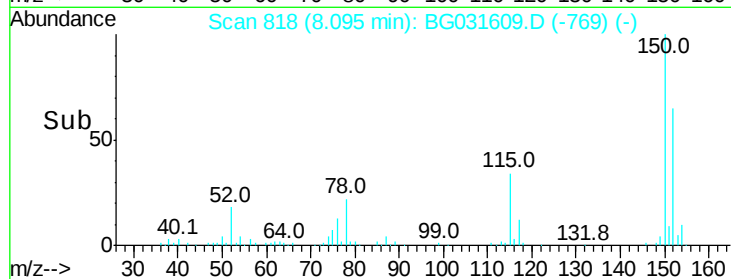
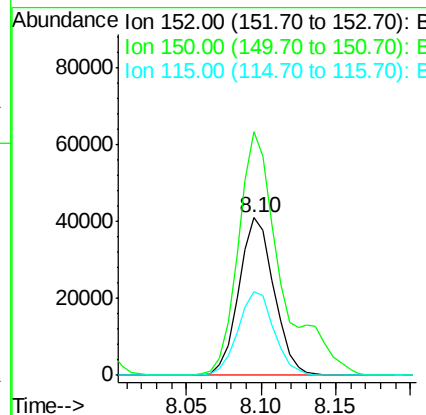
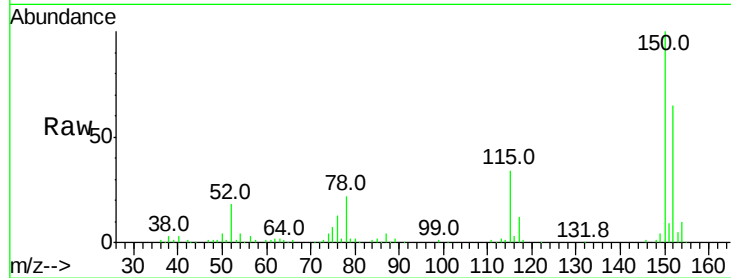


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Instrument :
BNA_G
ClientSampleId :

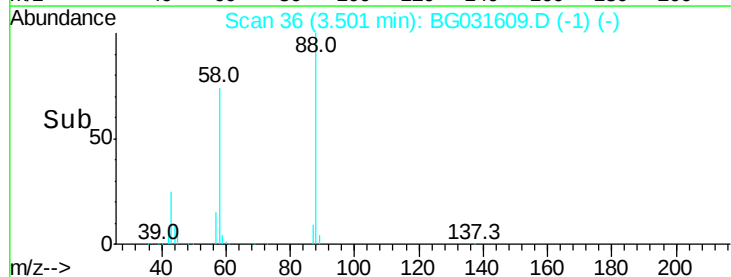
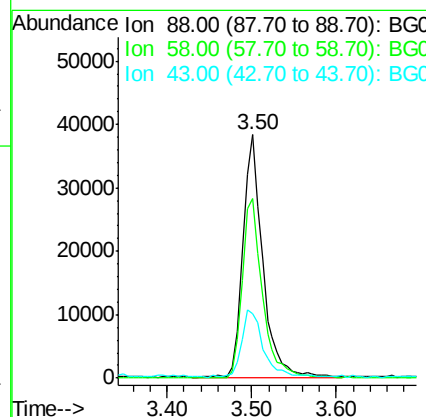
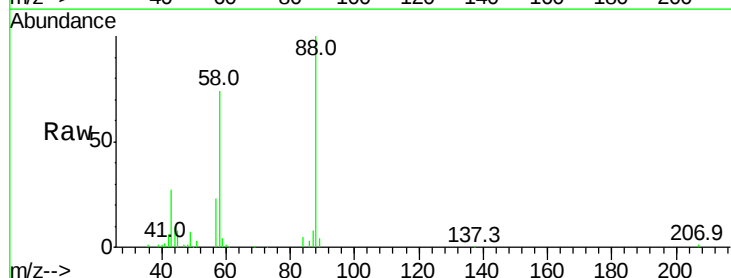
Tot Ion:152 Resp: 67203
Ion Ratio Lower Upper
152 100
150 154.7 126.6 189.8
115 53.0 53.0 79.4

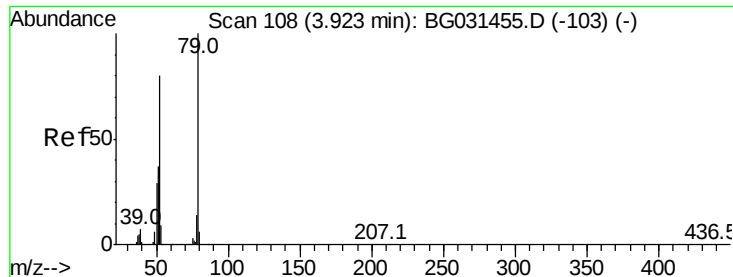


#2

1,4-Dioxane
Concen: 34.498 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion: 88 Resp: 62408
Ion Ratio Lower Upper
88 100
58 74.4 79.6 119.4#
43 31.2 27.4 41.0





#3

Pvridine

Concen: 37.532 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

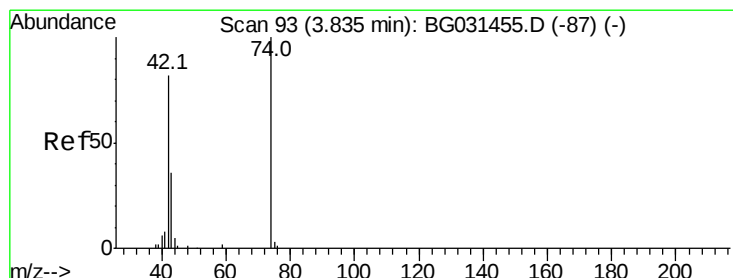
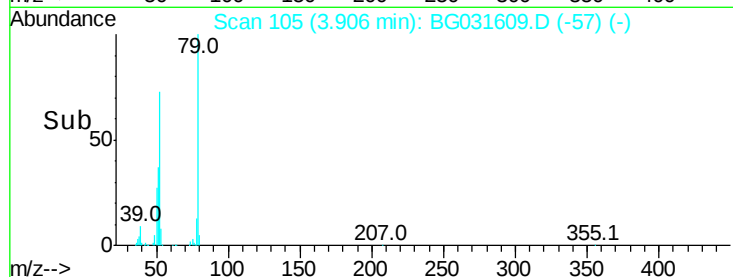
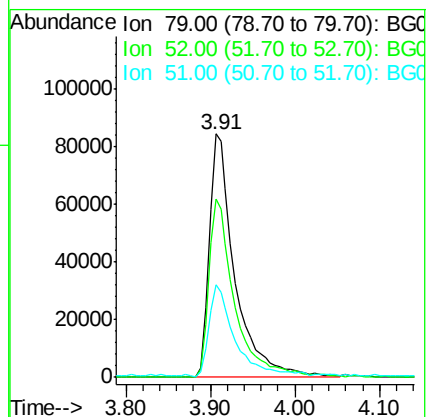
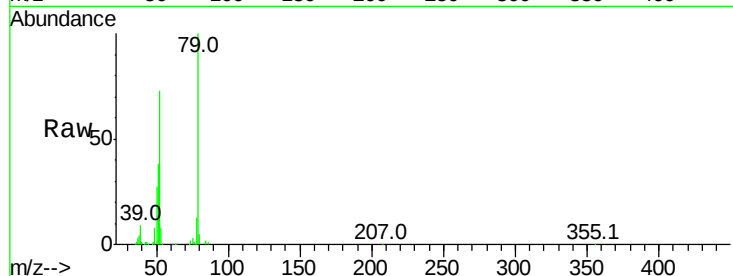
Tot Ion: 79 Resp: 178762

Ion Ratio Lower Upper

79 100

52 73.2 69.9 104.9

51 37.8 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 36.248 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

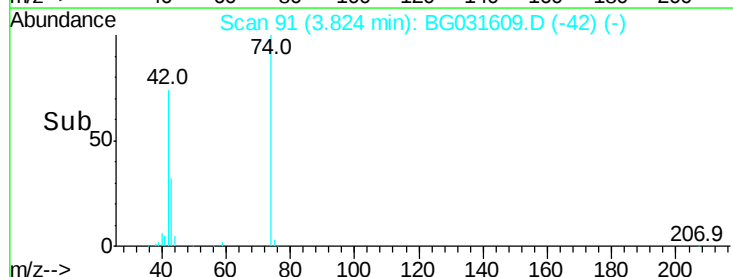
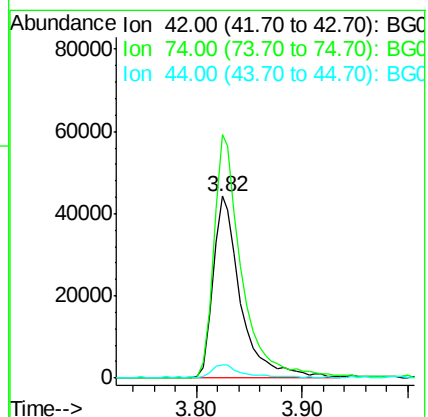
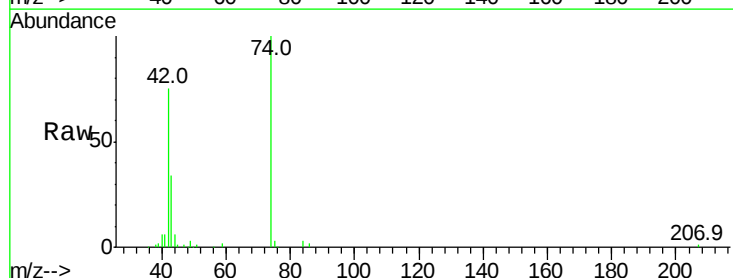
Tgt Ion: 42 Resp: 81321

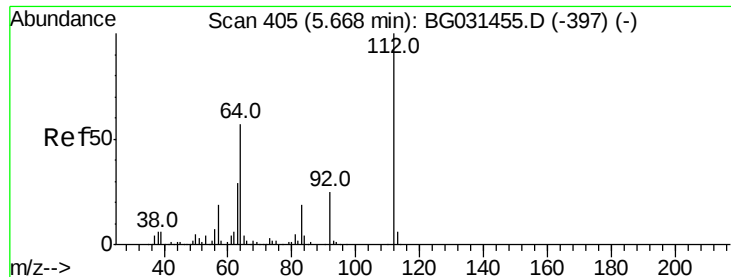
Ion Ratio Lower Upper

42 100

74 133.8 102.5 153.7

44 7.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 83.100 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

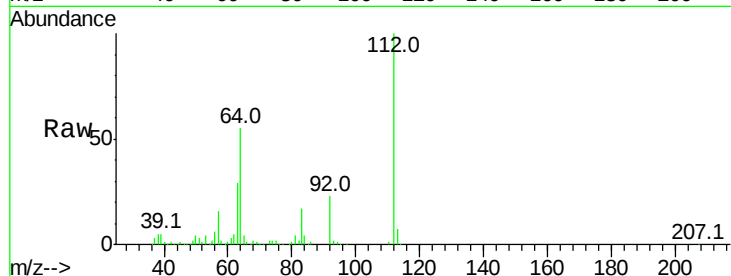
Tot Ion:112 Resp: 315063

Ion Ratio Lower Upper

112 100

64 54.8 56.3 84.5#

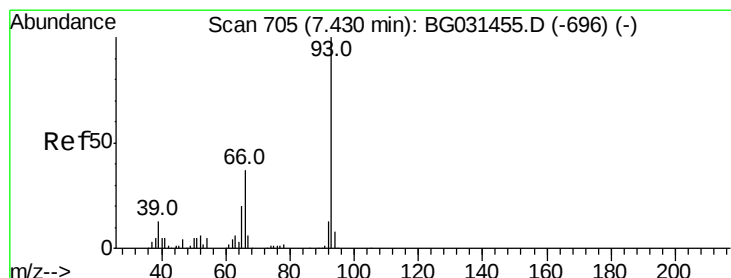
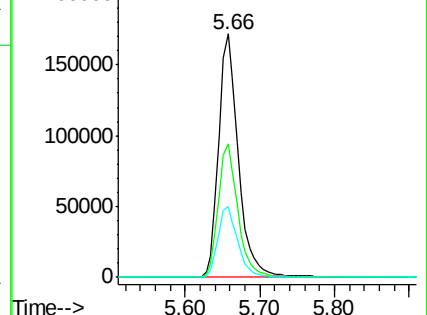
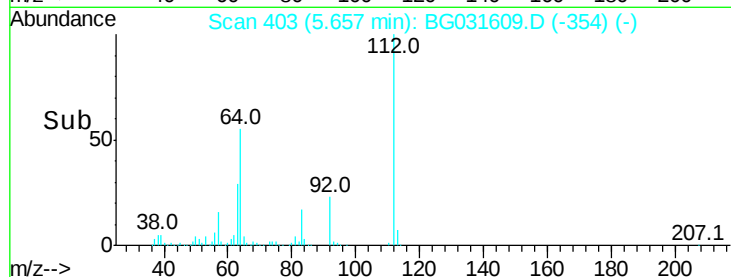
63 29.2 30.1 45.1#



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: 39.644 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

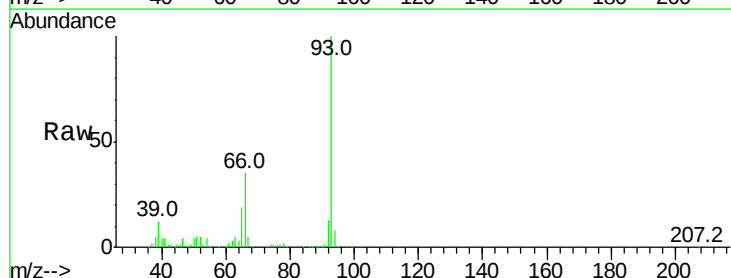
Tgt Ion: 93 Resp: 274794

Ion Ratio Lower Upper

93 100

66 35.0 33.7 50.5

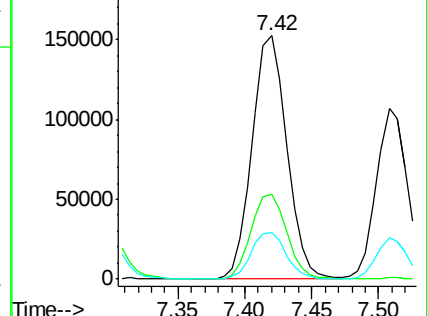
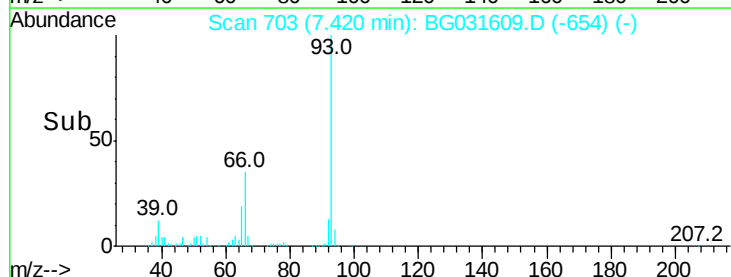
65 19.3 16.1 24.1

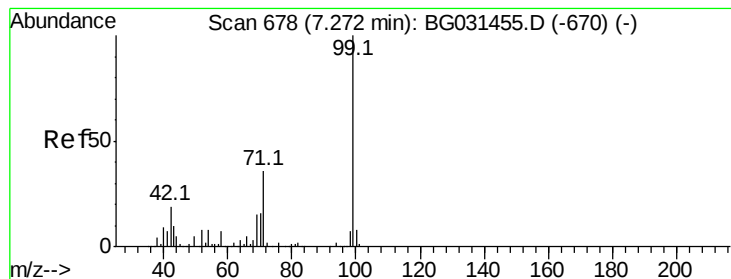


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.065 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

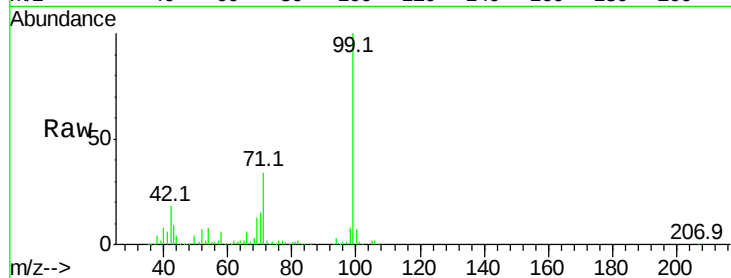
Tot Ion: 99 Resp: 431933

Ion Ratio Lower Upper

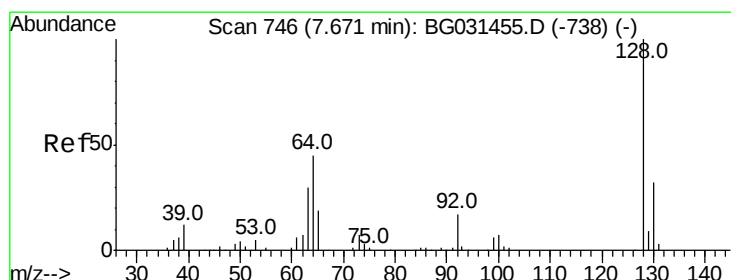
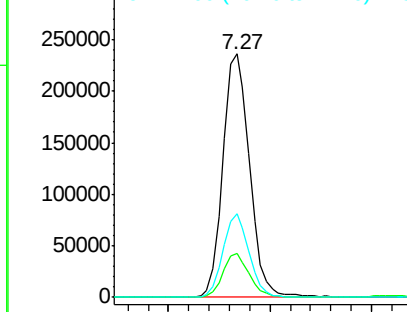
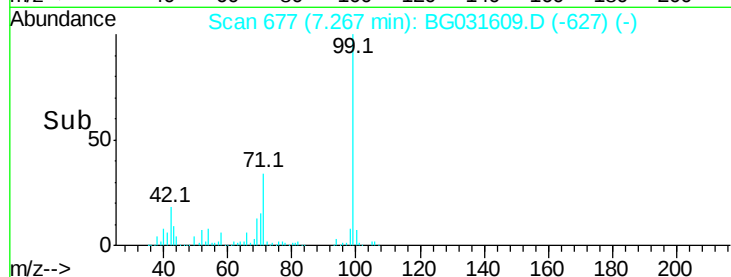
99 100

42 17.9 14.1 21.1

71 34.1 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: 41.763 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

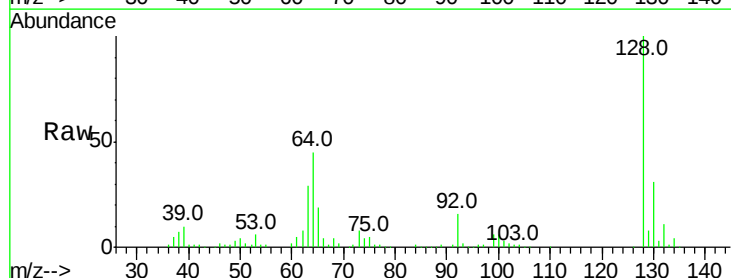
Tgt Ion: 128 Resp: 176620

Ion Ratio Lower Upper

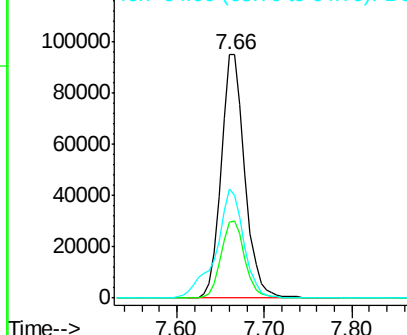
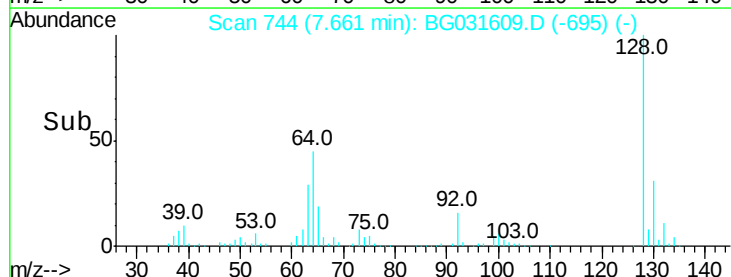
128 100

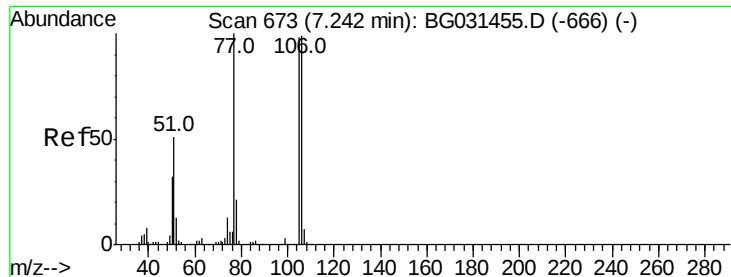
130 31.1 14.0 54.0

64 44.9 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: 38.388 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

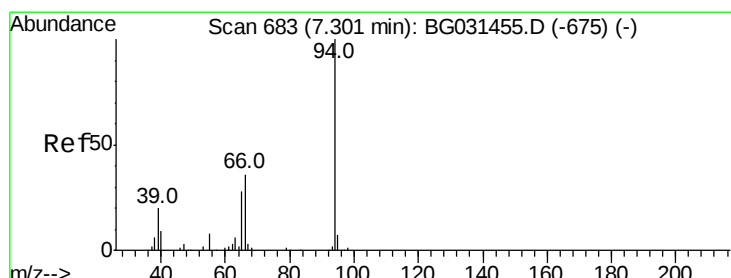
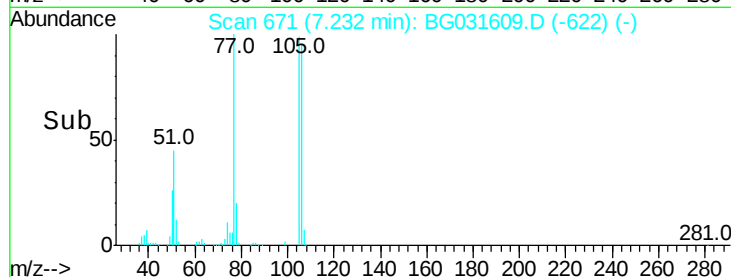
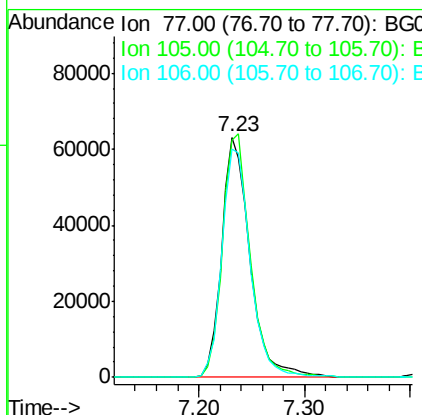
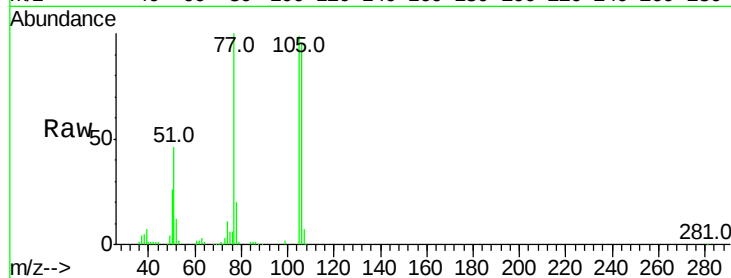
Tot Ion: 77 Resp: 117115

Ion Ratio Lower Upper

77 100

105 99.0 71.3 111.3

106 95.4 64.2 104.2



#10

Phenol

Concen: 39.689 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

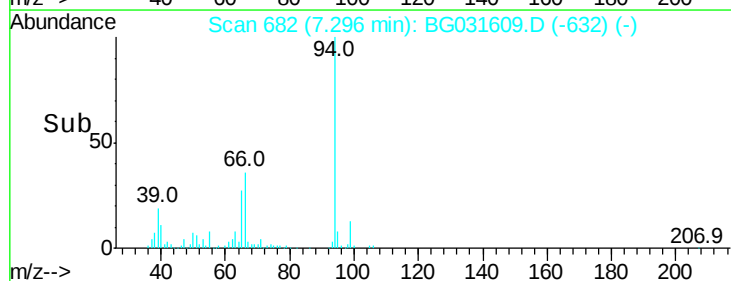
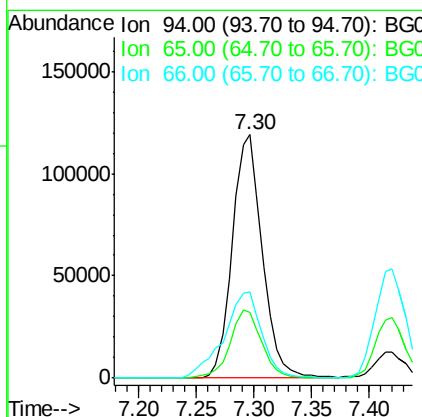
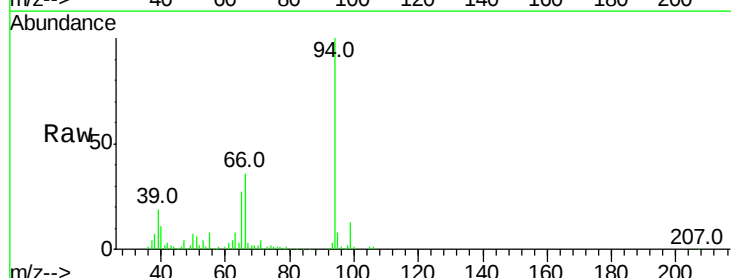
Tgt Ion: 94 Resp: 214594

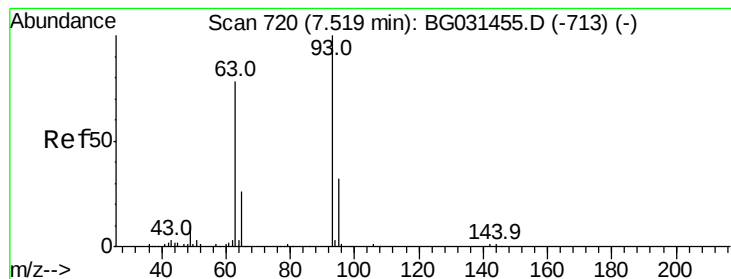
Ion Ratio Lower Upper

94 100

65 27.1 11.9 51.9

66 35.6 22.2 62.2

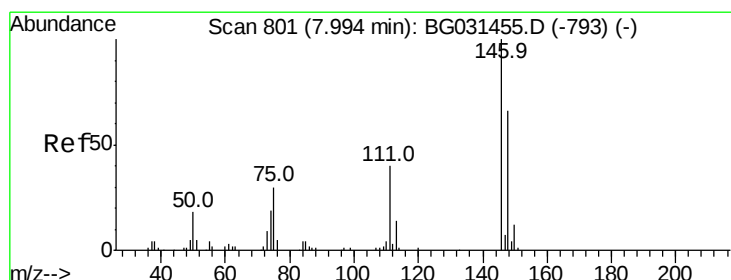
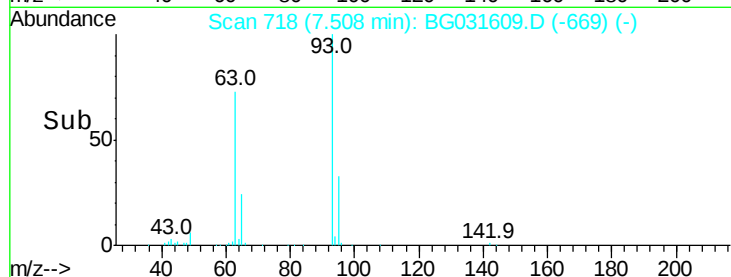
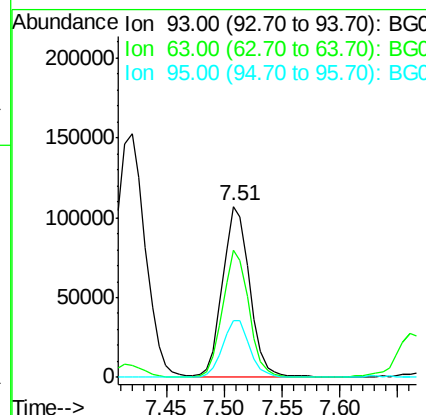
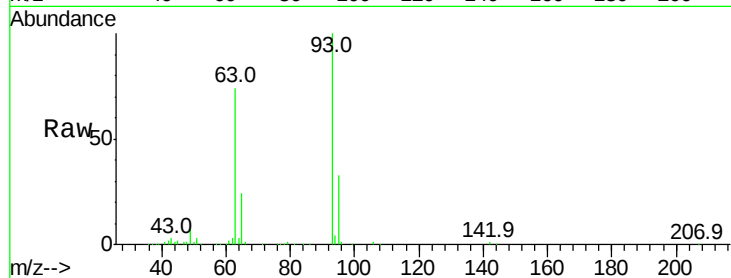




#11
bis(2-Chloroethyl)ether
Concen: 39.197 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

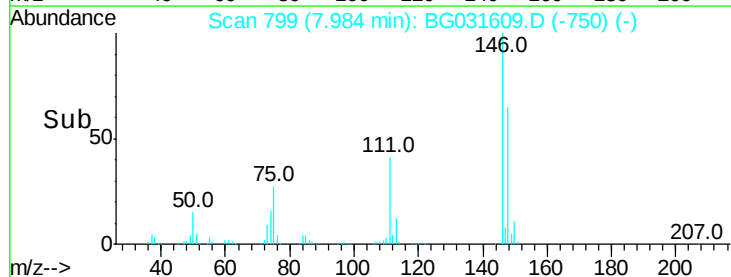
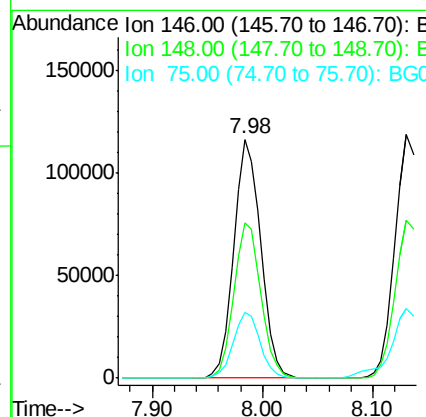
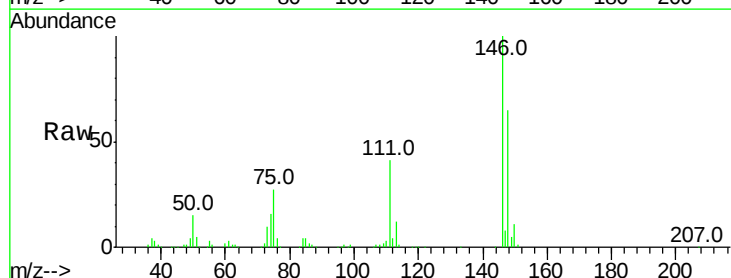
Instrument :
BNA_G
ClientSampleId :

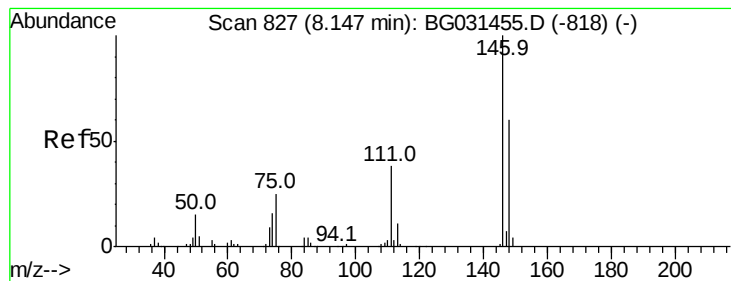
Tot Ion: 93 Resp: 172975
Ion Ratio Lower Upper
93 100
63 74.2 67.1 107.1
95 33.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 39.682 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion: 146 Resp: 199568
Ion Ratio Lower Upper
146 100
148 64.8 51.4 77.2
75 27.5 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 38.916 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

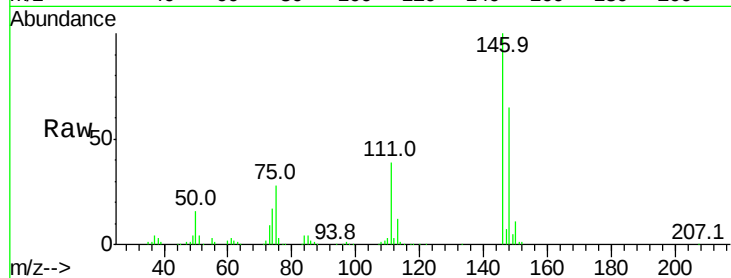
Tot Ion:146 Resp: 203409

Ion Ratio Lower Upper

146 100

148 65.1 53.7 80.5

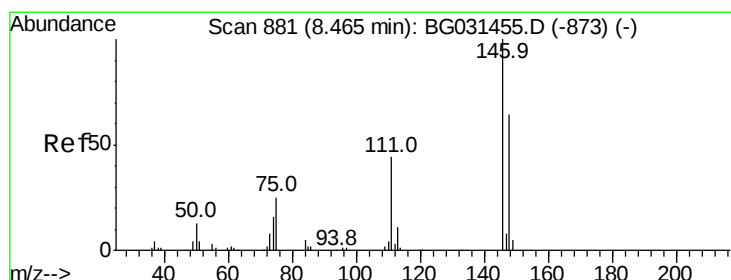
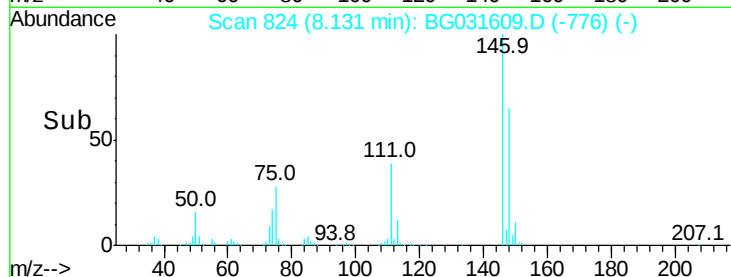
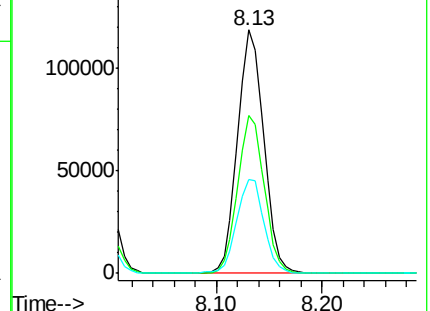
111 38.6 35.2 52.8



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: 39.892 ng

RT: 8.45 min Scan# 879

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

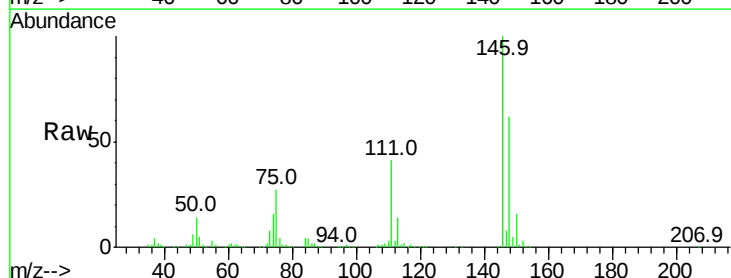
Tgt Ion:146 Resp: 198625

Ion Ratio Lower Upper

146 100

148 61.7 49.3 73.9

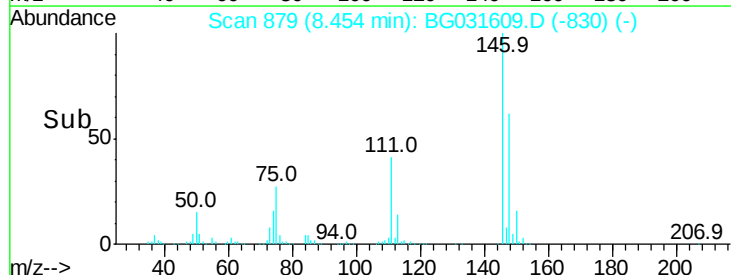
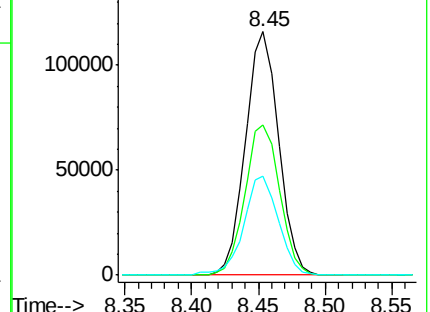
111 40.6 34.3 51.5

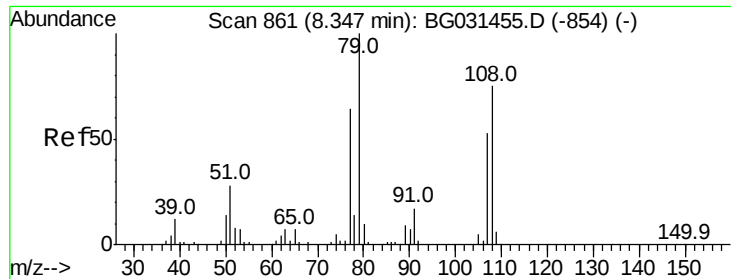


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.140 ng

RT: 8.34 min Scan# 859

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampled :

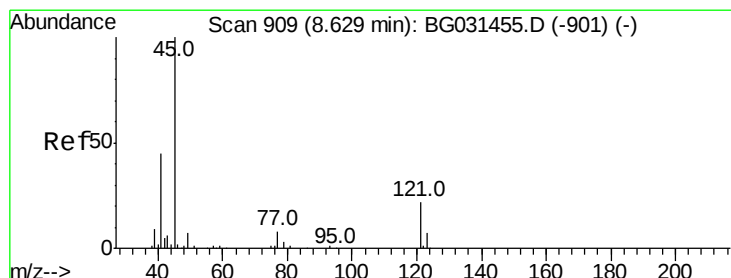
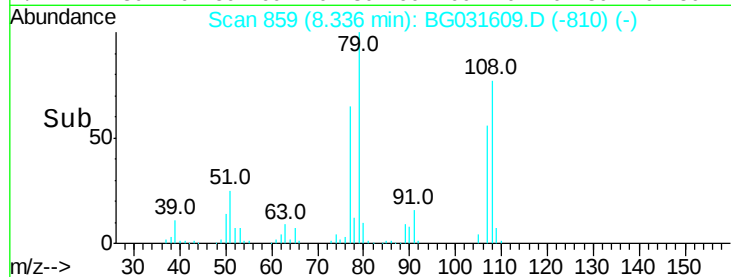
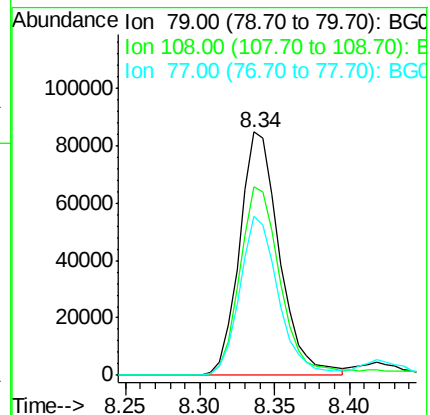
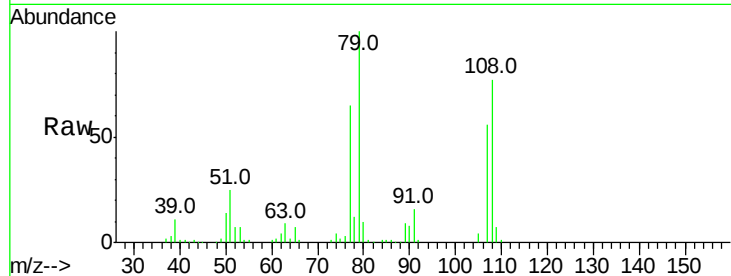
Tot Ion: 79 Resp: 157034

Ion Ratio Lower Upper

79 100

108 77.4 57.2 85.8

77 65.1 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.620 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.00 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

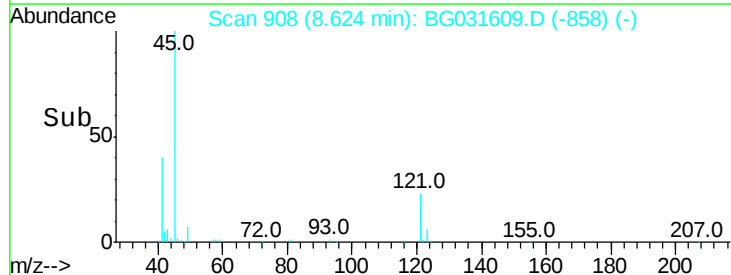
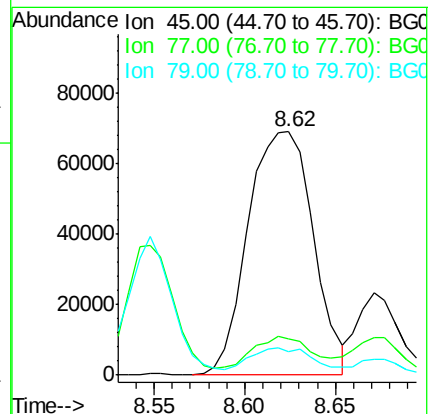
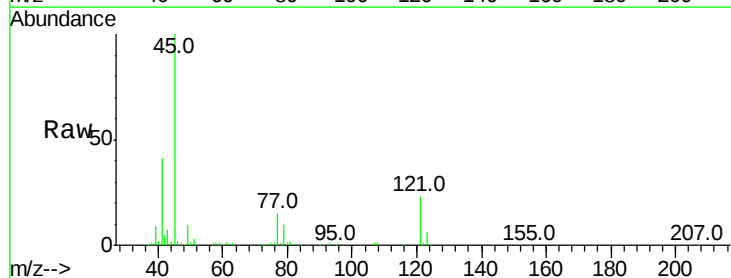
Tgt Ion: 45 Resp: 171637

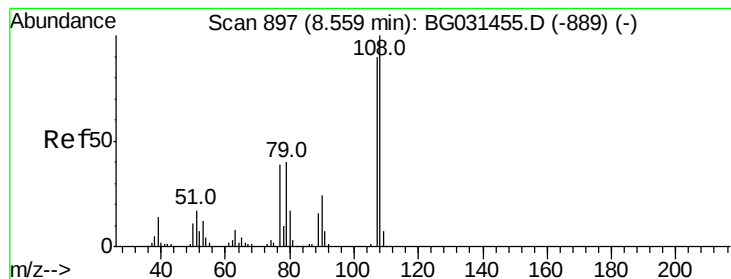
Ion Ratio Lower Upper

45 100

77 15.0 0.0 30.2

79 9.9 0.0 27.9

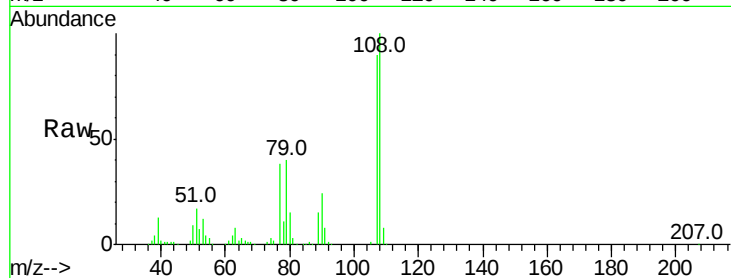




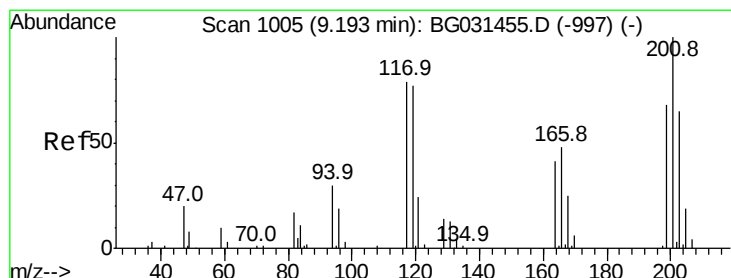
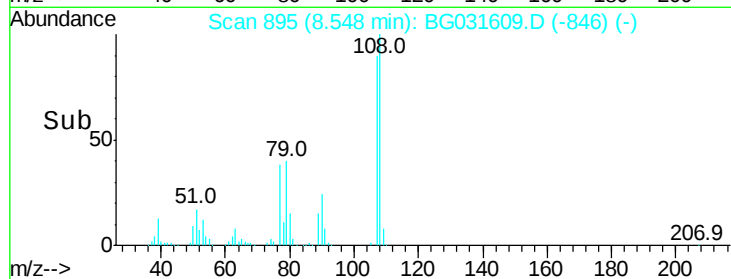
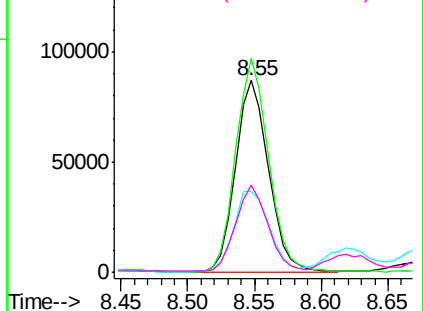
#17
2-Methylphenol
Concen: 40.385 ng
RT: 8.55 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.5	83.9	125.9
77	42.2	37.2	55.8
79	45.1	36.2	54.2

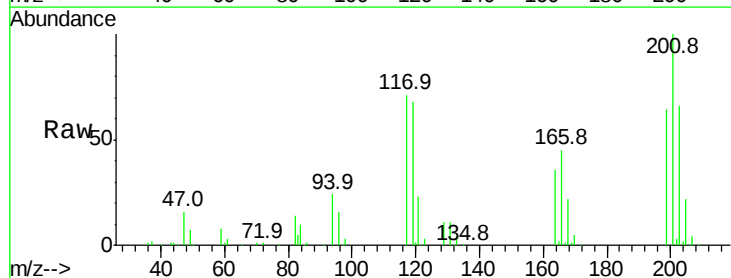


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

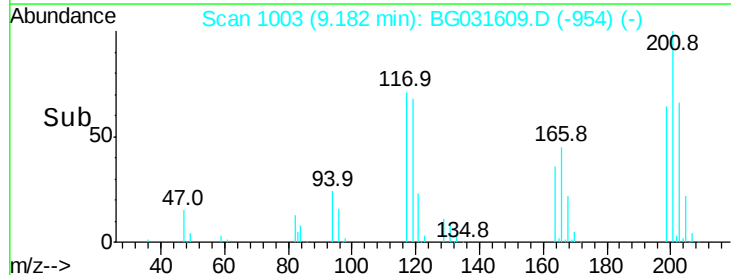
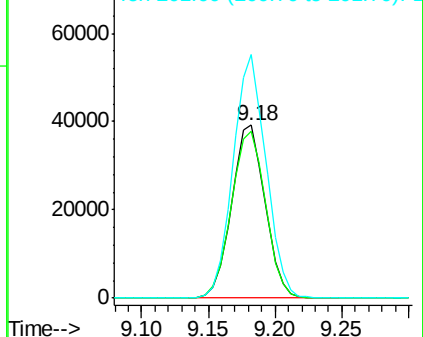


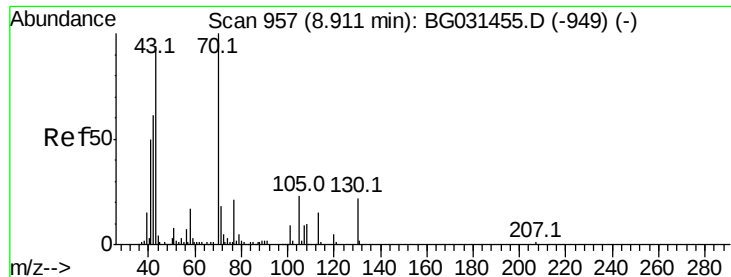
#18
Hexachloroethane
Concen: 38.738 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.7	115.1
201	140.7	95.7	143.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

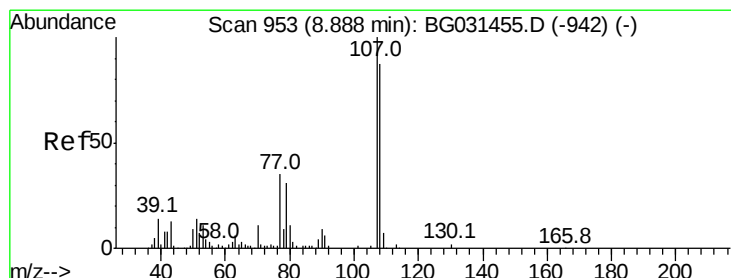
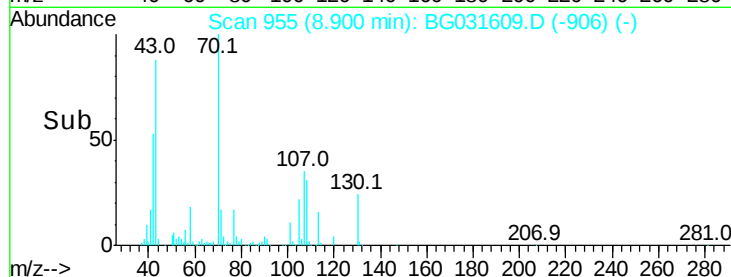
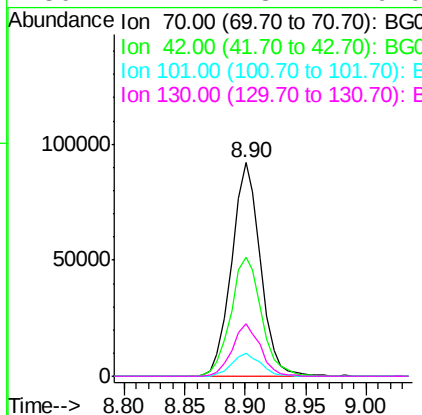
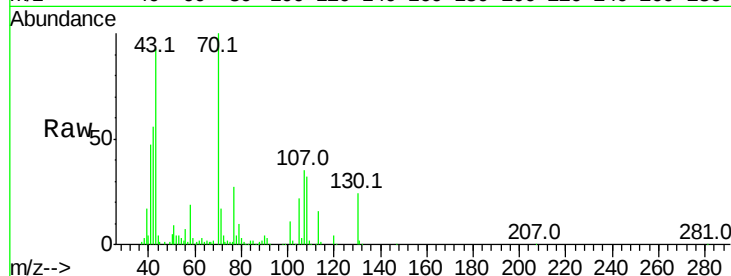




#19
n-Nitroso-di-n-propylamine
Concen: 36.936 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

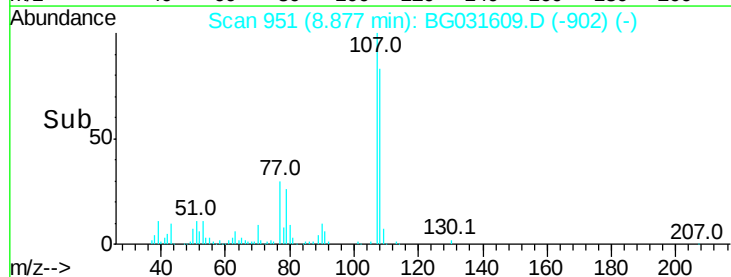
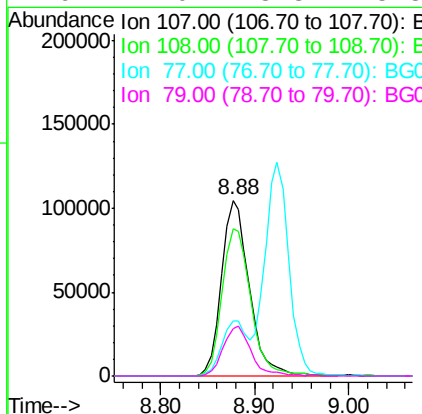
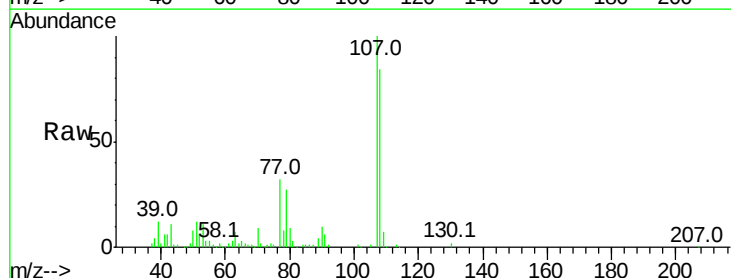
Instrument :
BNA_G
ClientSampleId :

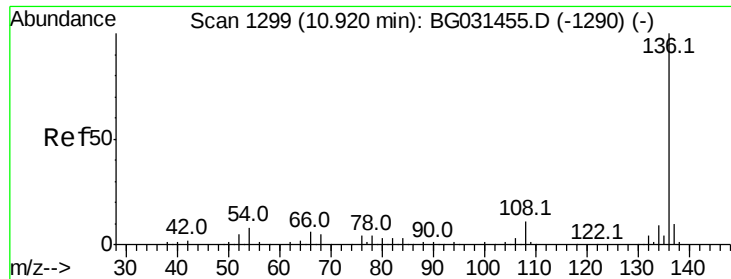
Tot Ion: 70 Resp: 153015
Ion Ratio Lower Upper
70 100
42 56.0 49.1 73.7
101 10.8 8.5 12.7
130 24.4 13.4 20.0#



#20
3+4-Methylphenols
Concen: 39.308 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion:107 Resp: 215822
Ion Ratio Lower Upper
107 100
108 84.1 61.6 101.6
77 31.6 13.9 53.9
79 27.0 8.8 48.8

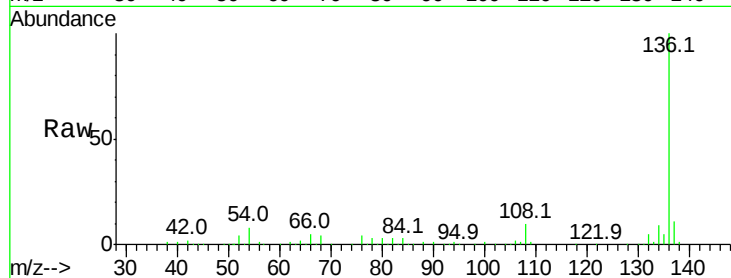




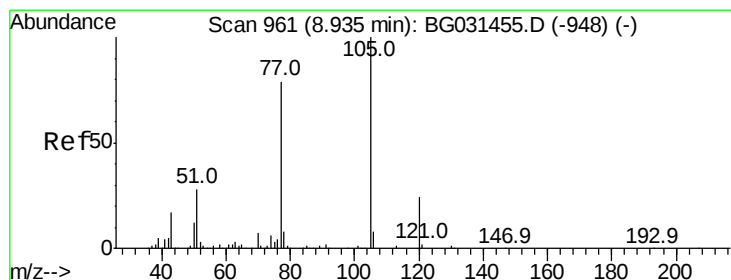
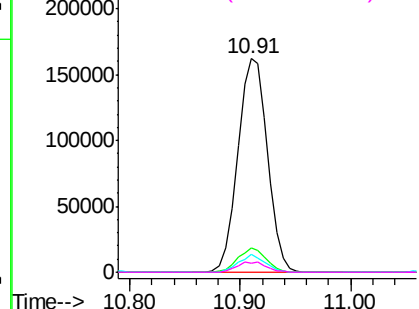
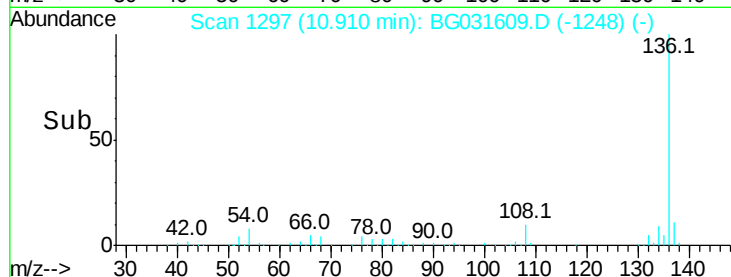
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	305096
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	8.3	10.3	15.5#
68	4.3	4.5	6.7#

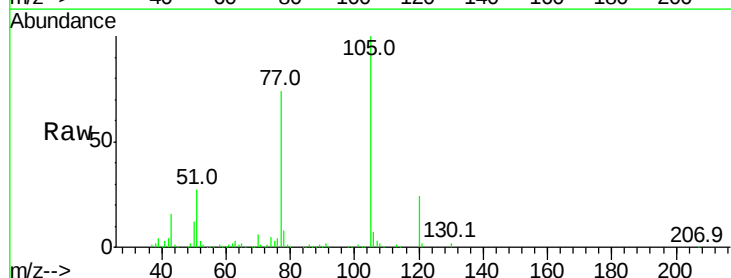


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

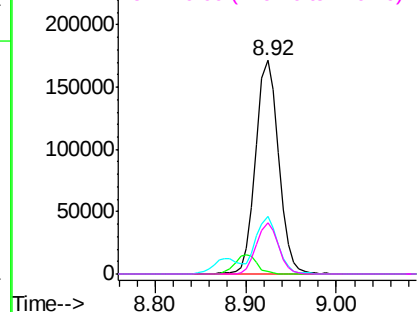
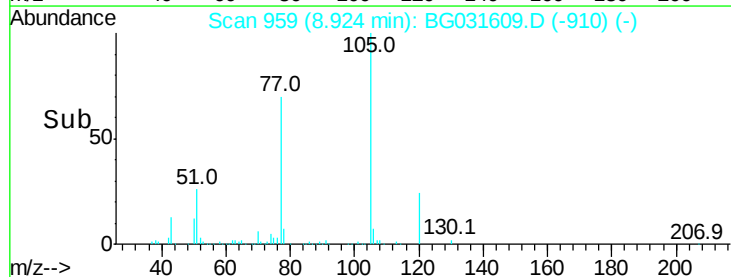


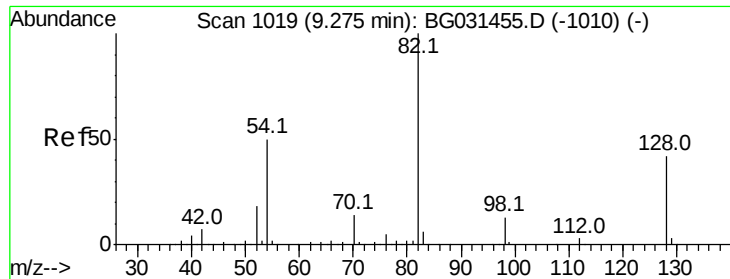
#22
Acetophenone
Concen: 41.275 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion:	105	Resp:	302105
Ion	Ratio	Lower	Upper
105	100		
71	1.1	3.0	4.4#
51	27.0	26.1	39.1
120	23.8	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

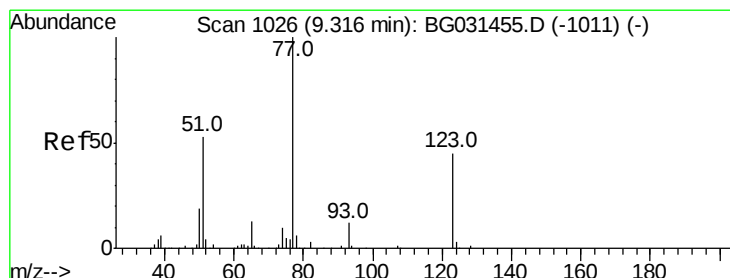
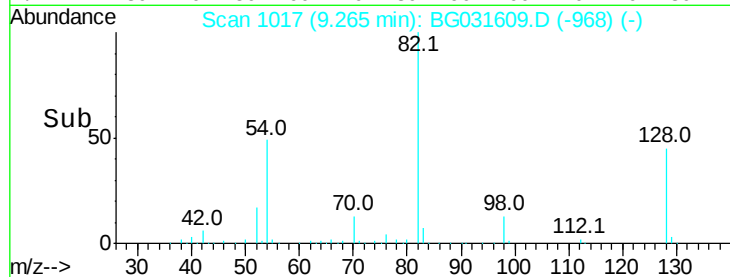
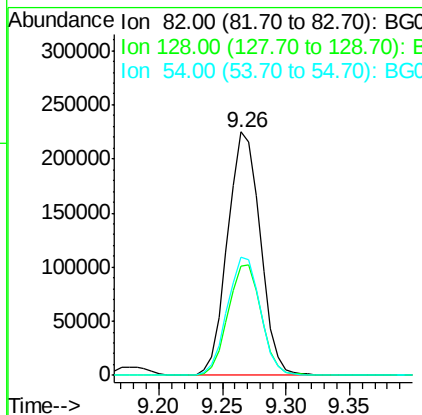
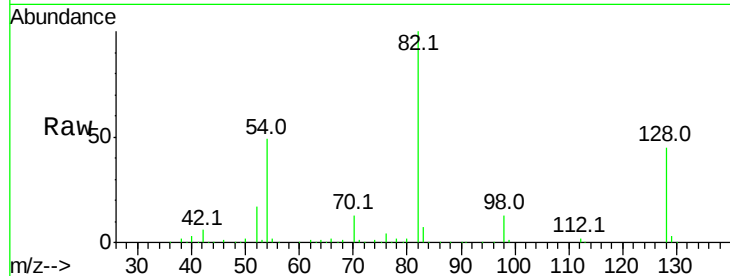




#23
 Nitrobenzene-d5
 Concen: 81.386 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.01 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

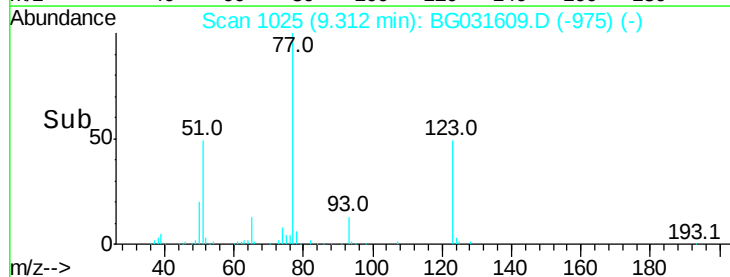
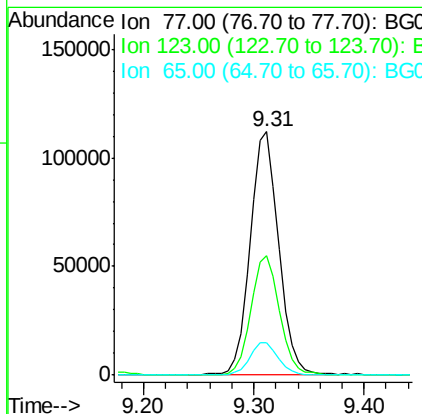
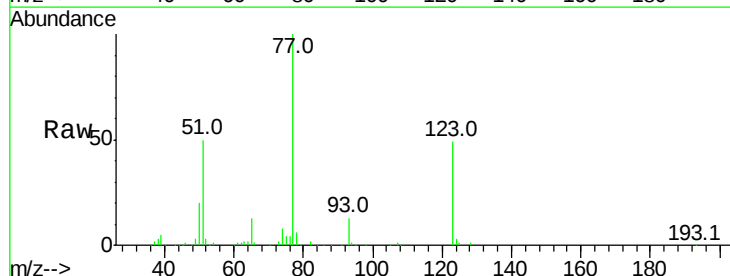
Instrument :
 BNA_G
 ClientSampleId :

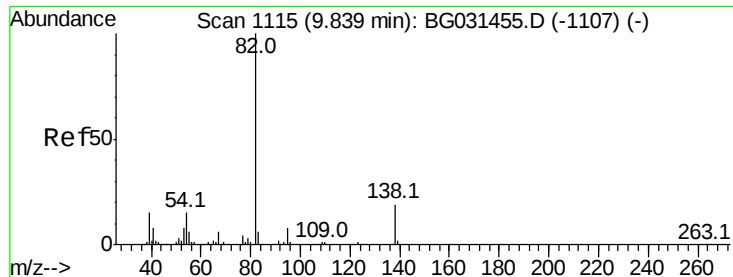
Tot Ion: 82 Resp: 402853
 Ion Ratio Lower Upper
 82 100
 128 45.1 29.7 44.5#
 54 48.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 40.037 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.00 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Tgt Ion: 77 Resp: 203079
 Ion Ratio Lower Upper
 77 100
 123 49.1 33.0 49.6
 65 13.2 13.0 19.6





#25

Isophorone

Concen: 40.514 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

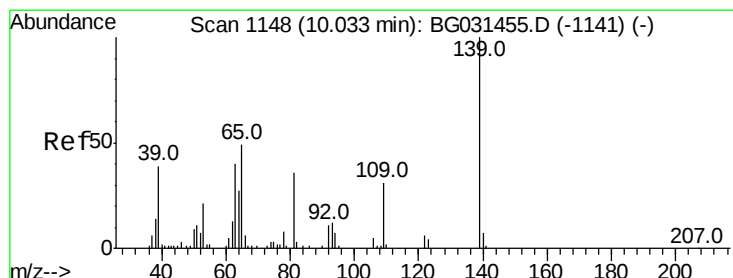
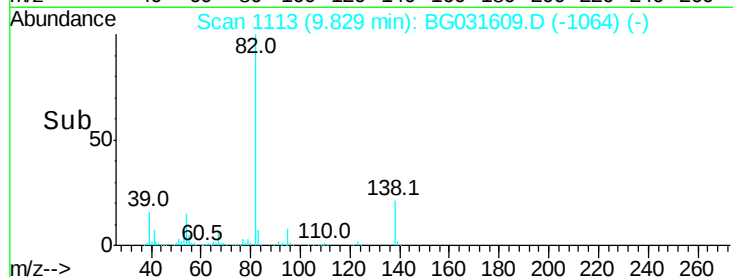
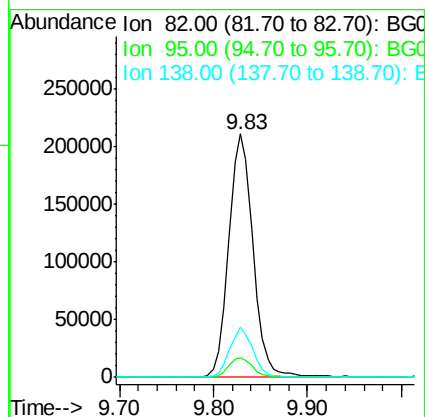
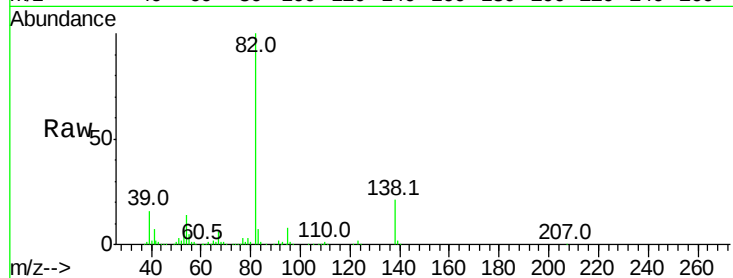
Tot Ion: 82 Resp: 378992

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

138 20.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 45.587 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

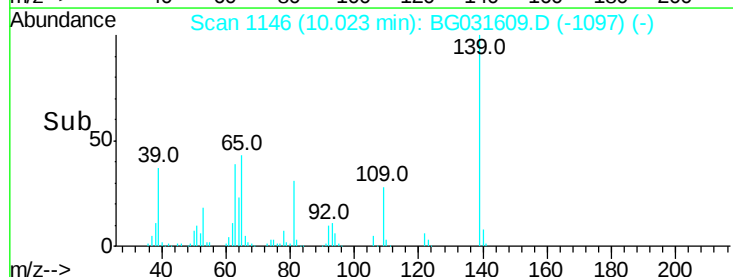
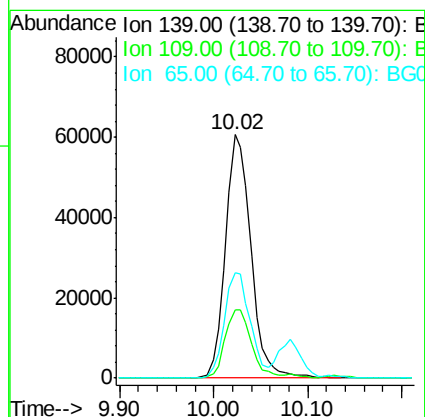
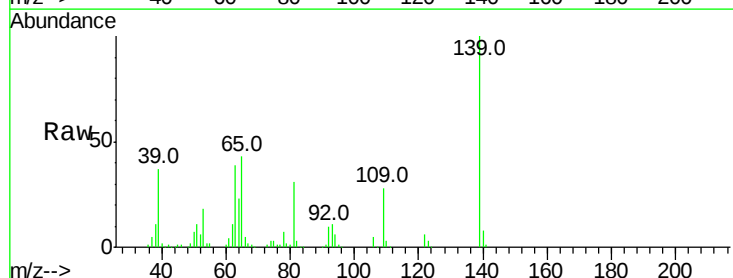
Tgt Ion: 139 Resp: 114338

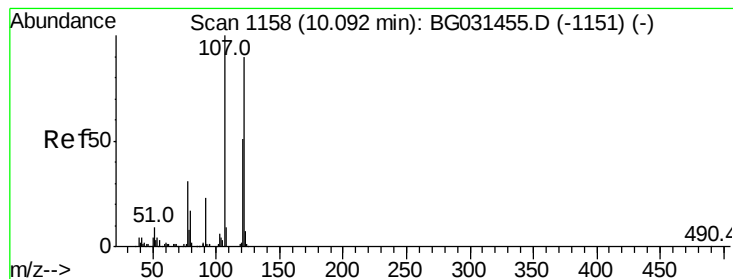
Ion Ratio Lower Upper

139 100

109 28.2 24.2 36.2

65 43.5 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 42.943 ng

RT: 10.08 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

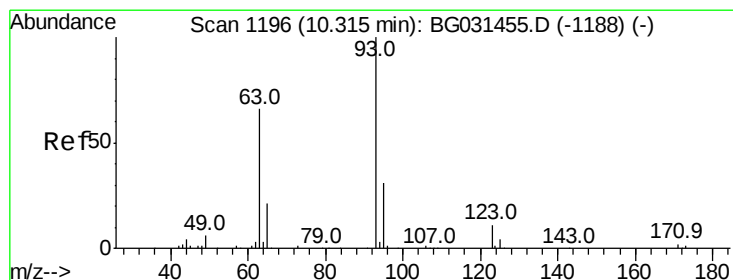
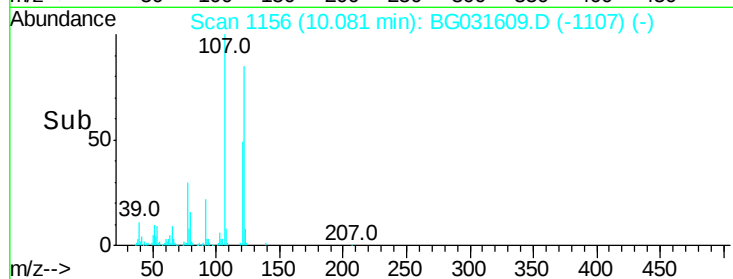
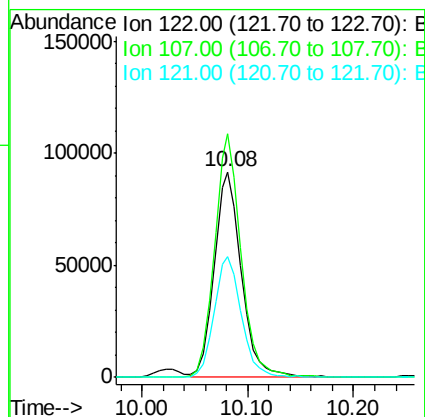
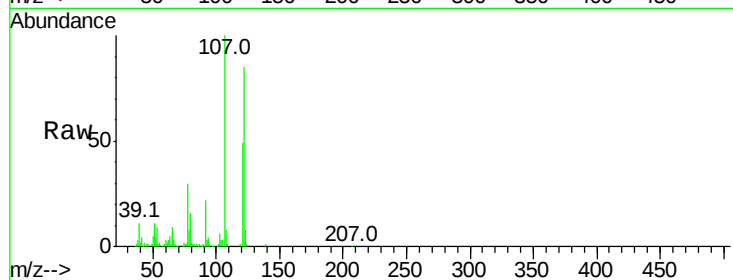
Tot Ion:122 Resp: 163618

Ion Ratio Lower Upper

122 100

107 118.3 100.2 150.2

121 58.5 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 41.293 ng

RT: 10.30 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

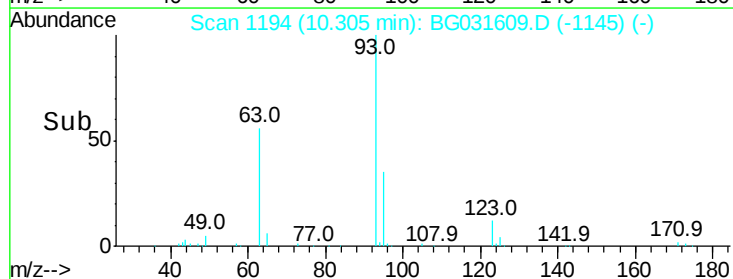
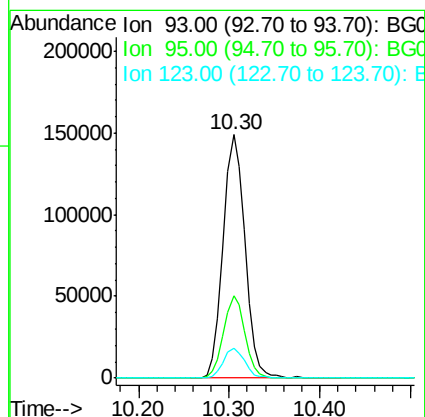
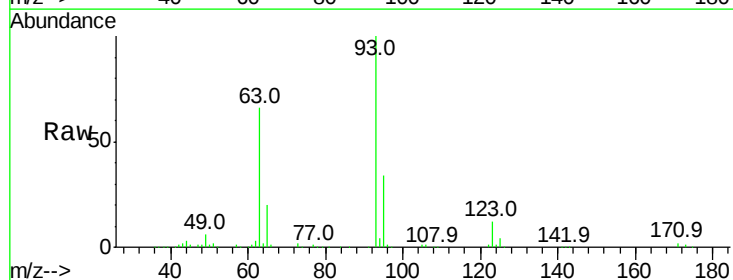
Tgt Ion: 93 Resp: 249384

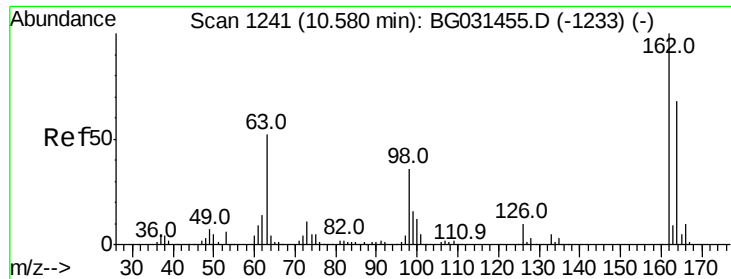
Ion Ratio Lower Upper

93 100

95 33.7 24.3 36.5

123 12.1 8.4 12.6

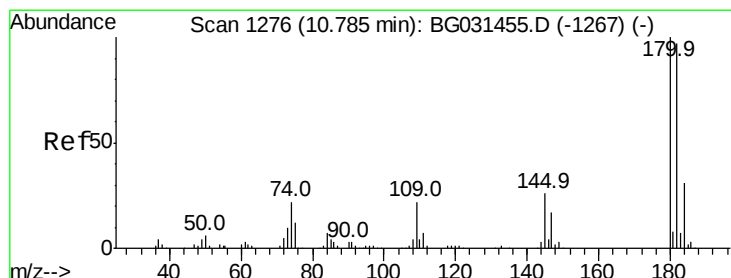
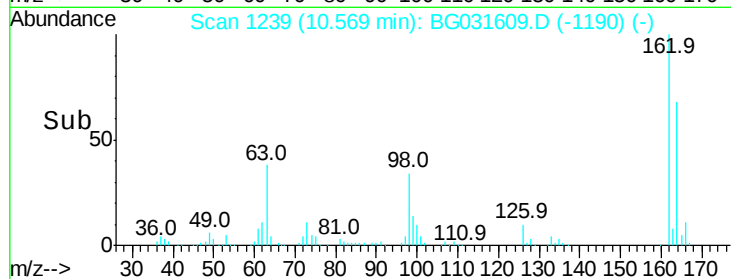
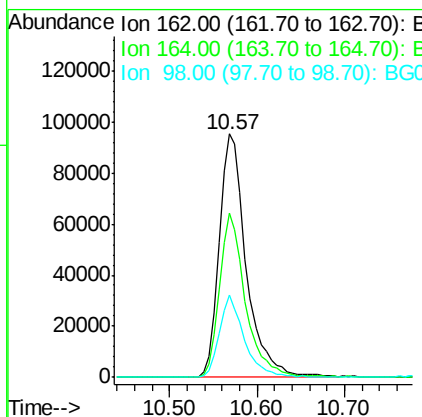
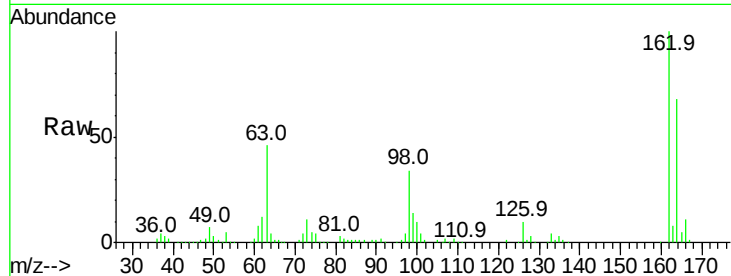




#29
 2,4-Dichlorophenol
 Concen: 45.105 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

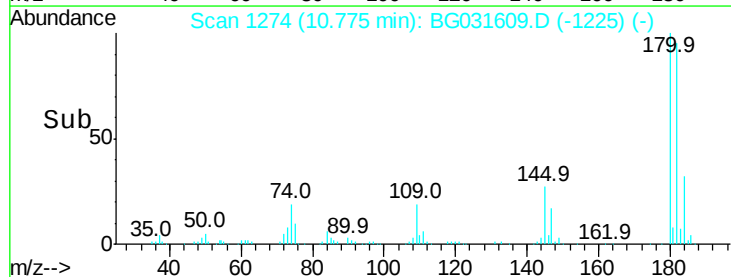
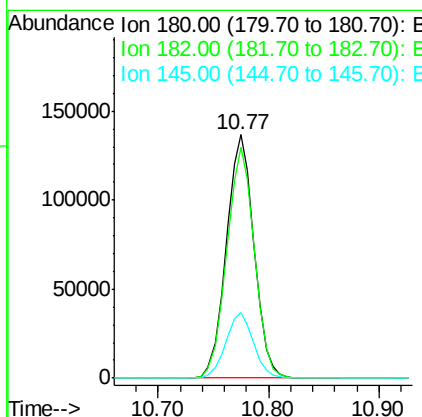
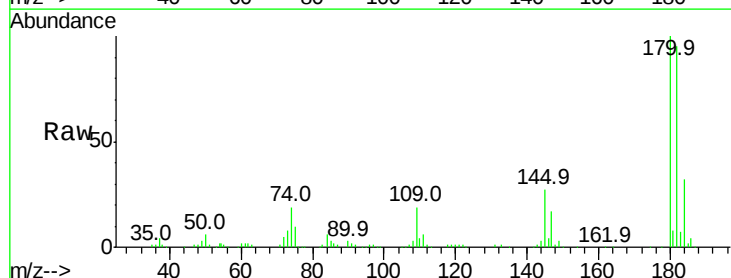
Instrument :
 BNA_G
 ClientSampleId :

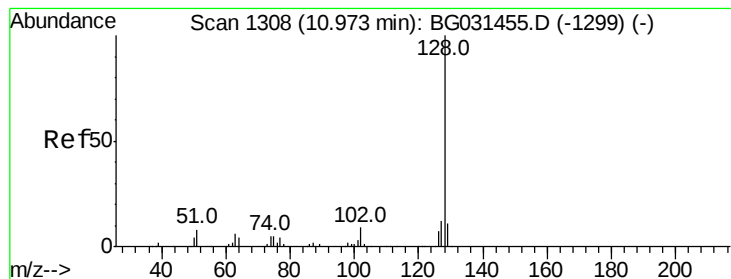
Tot Ion:162 Resp: 202472
 Ion Ratio Lower Upper
 162 100
 164 67.7 48.0 88.0
 98 34.1 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.632 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Tgt Ion:180 Resp: 238719
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.5 116.3
 145 27.0 23.4 35.2





#31

Naphthalene

Concen: 39.992 ng

RT: 10.96 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

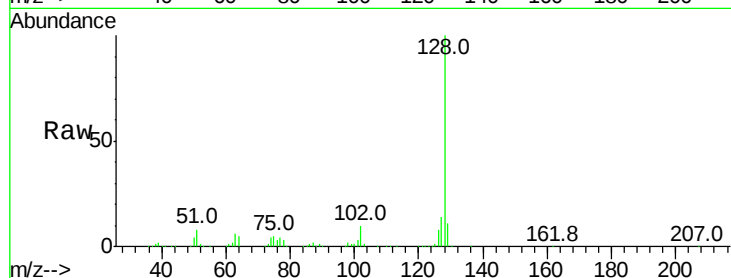
Tot Ion:128 Resp: 599428

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

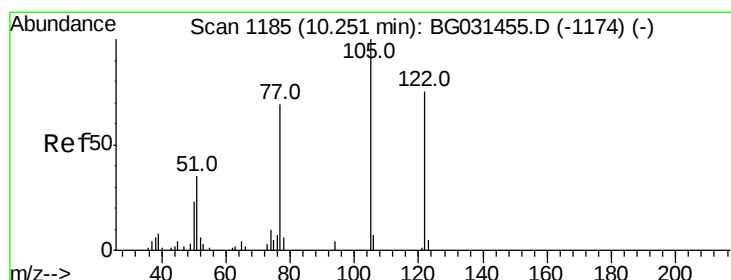
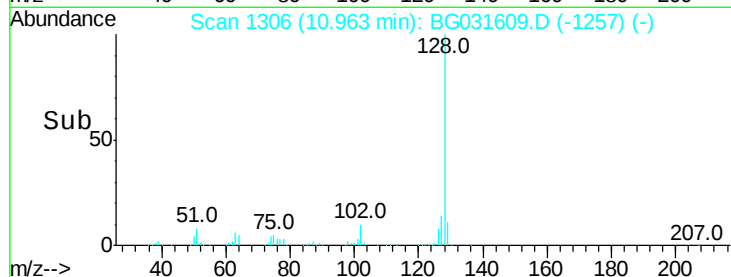
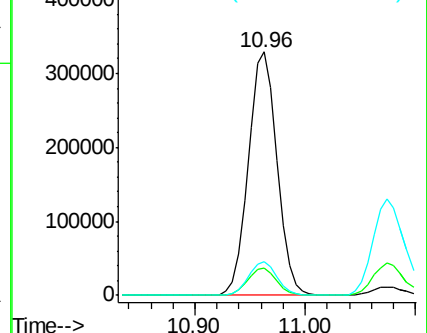
127 13.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 63.594 ng

RT: 10.08 min Scan# 1156

Delta R.T. -0.17 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

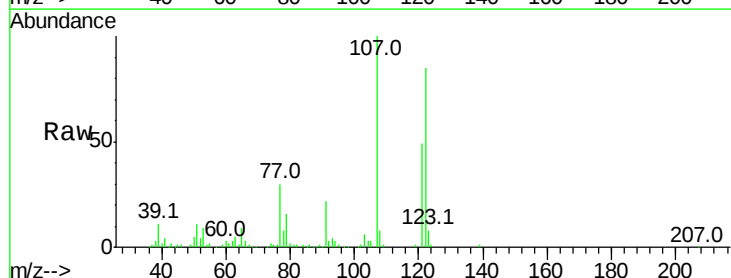
Tgt Ion:122 Resp: 163618

Ion Ratio Lower Upper

122 100

105 4.1 123.5 163.5#

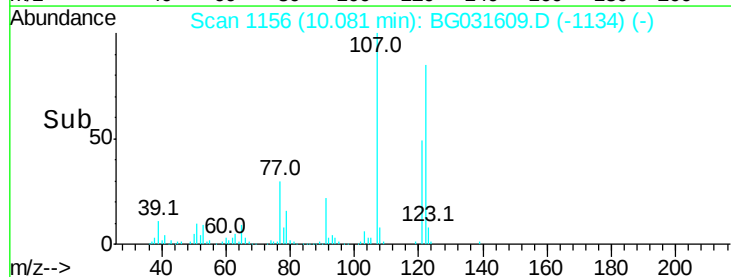
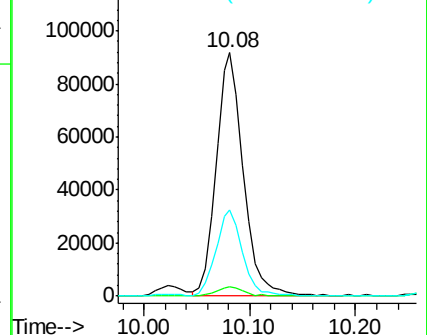
77 35.3 85.7 125.7#

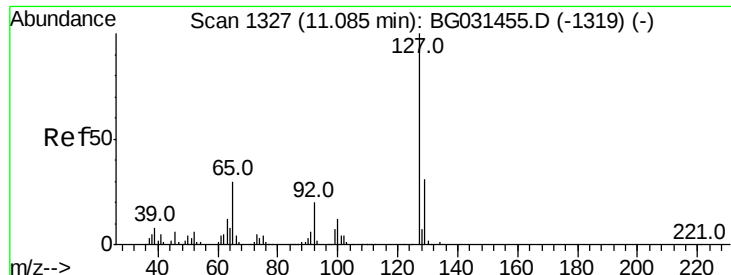


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

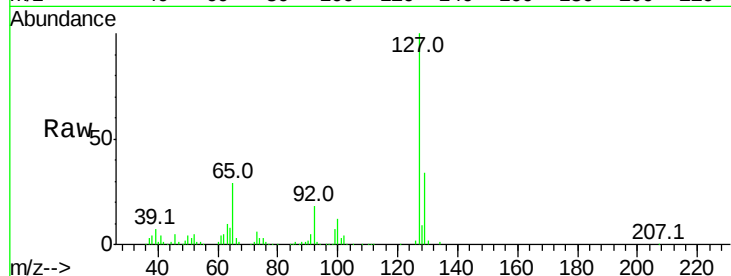




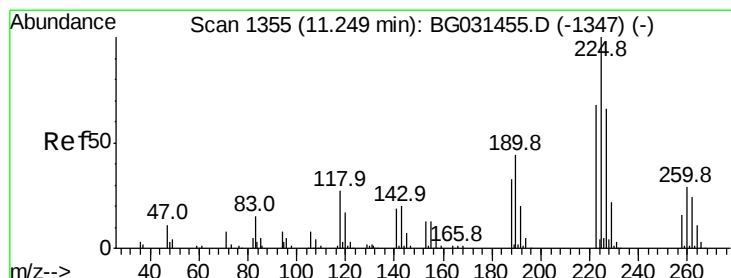
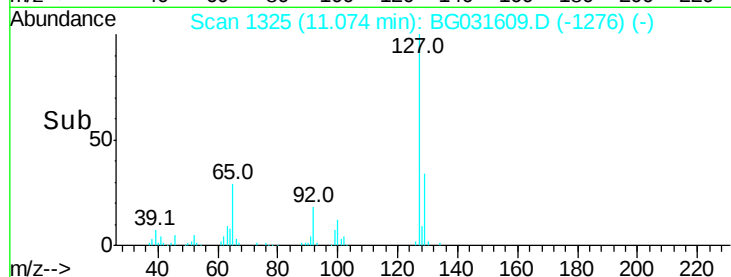
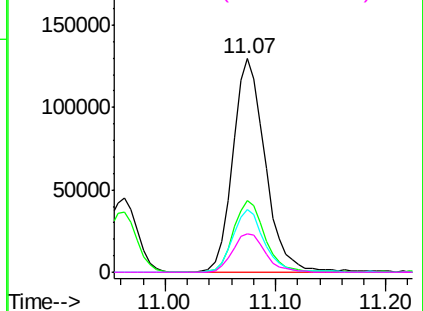
#33
4-Chloroaniline
Concen: 40.931 ng
RT: 11.07 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	266379
Ion	Ratio	Lower	Upper
127	100		
129	33.6	24.0	36.0
65	29.3	27.0	40.4
92	18.1	16.6	25.0

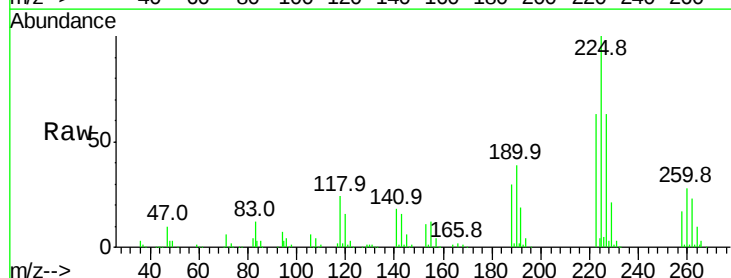


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

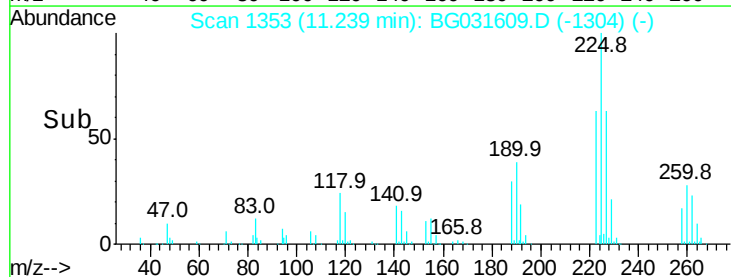
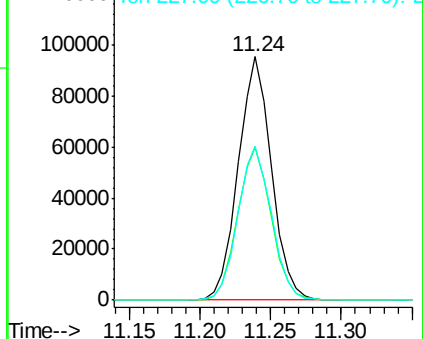


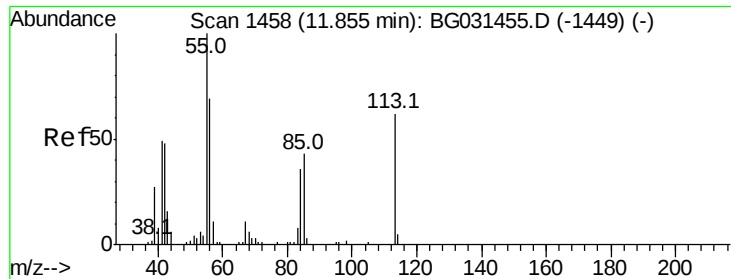
#34
Hexachlorobutadiene
Concen: 41.255 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion:	225	Resp:	156911
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	63.3	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

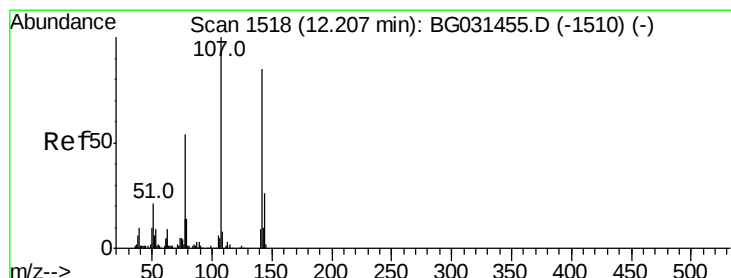
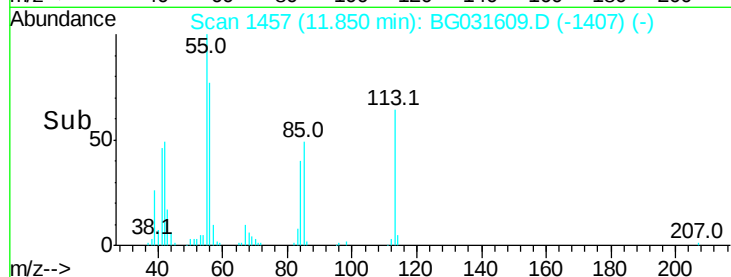
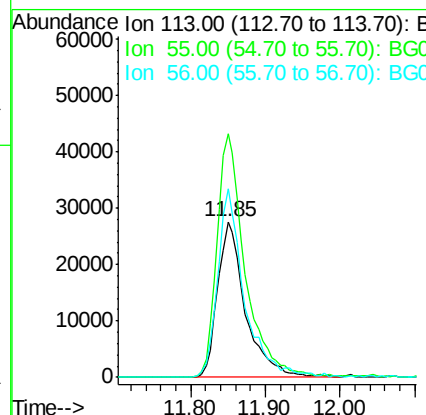
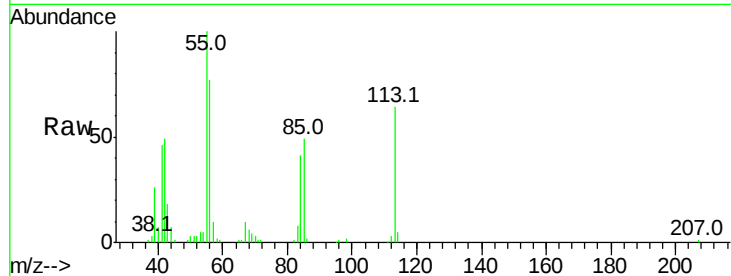




#35
 Caprolactam
 Concen: 40.393 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

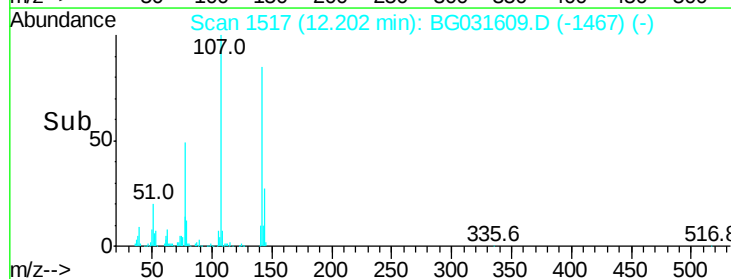
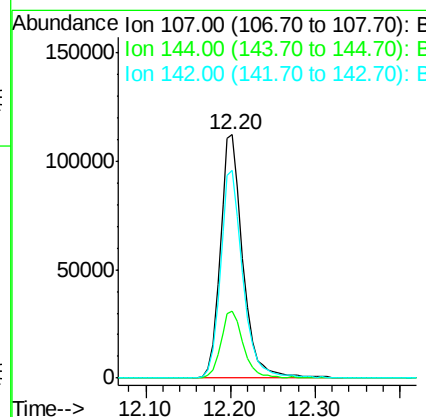
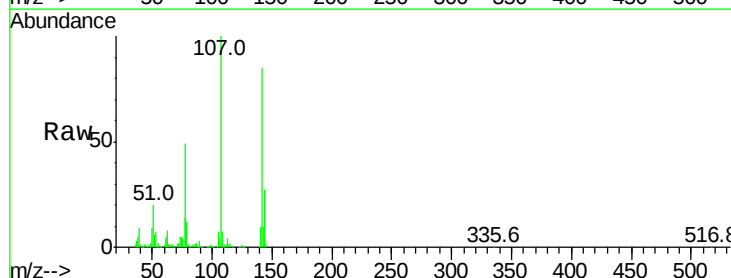
Instrument :
 BNA_G
 ClientSampled :

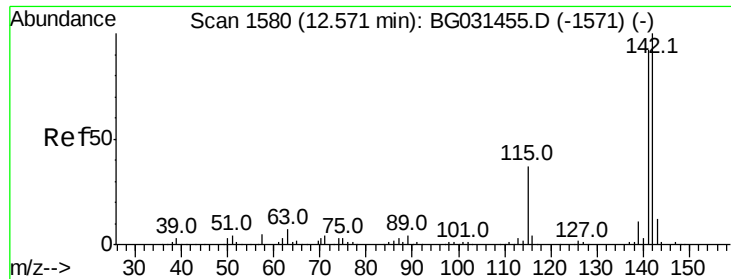
Tot Ion:113 Resp: 71200
 Ion Ratio Lower Upper
 113 100
 55 156.2 186.9 226.9#
 56 120.7 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 40.946 ng
 RT: 12.20 min Scan# 1517
 Delta R.T. -0.00 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Tgt Ion:107 Resp: 209804
 Ion Ratio Lower Upper
 107 100
 144 27.3 18.2 27.4
 142 85.1 59.0 88.4

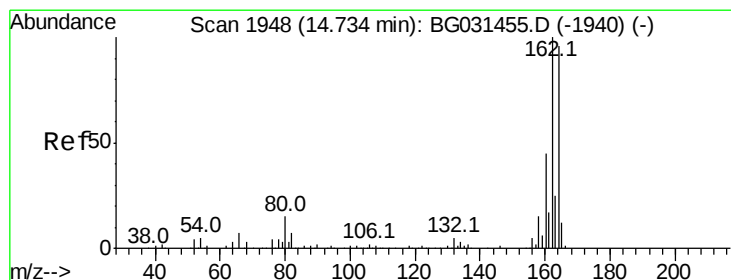
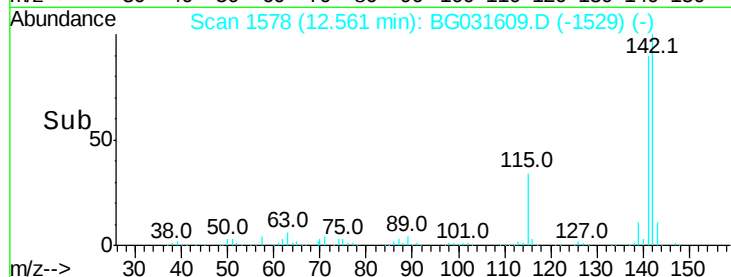
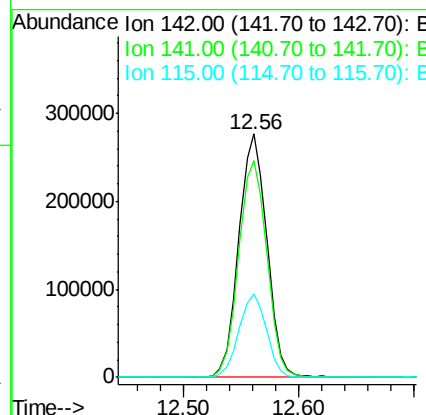
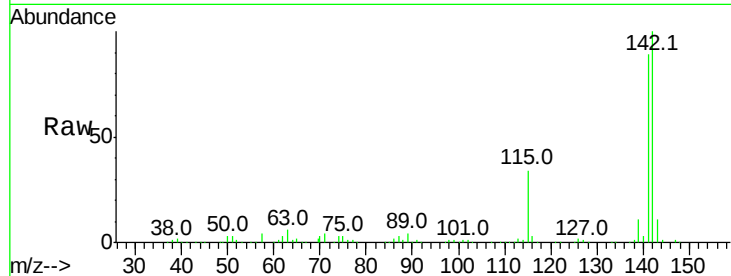




#37
2-Methylnaphthalene
Concen: 40.068 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

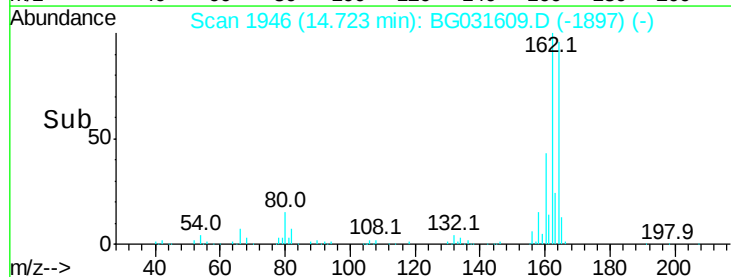
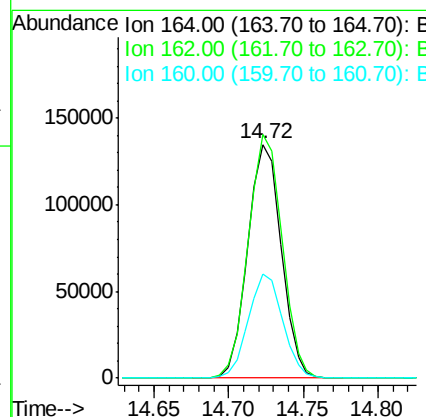
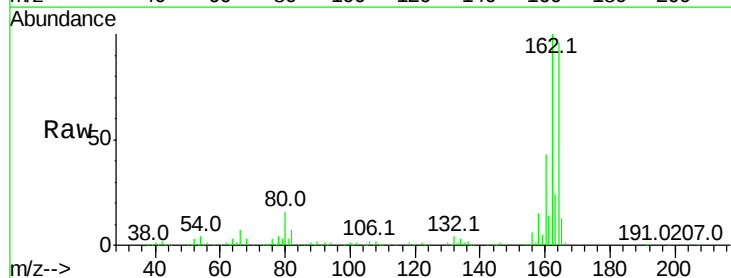
Instrument :
BNA_G
ClientSampleId :

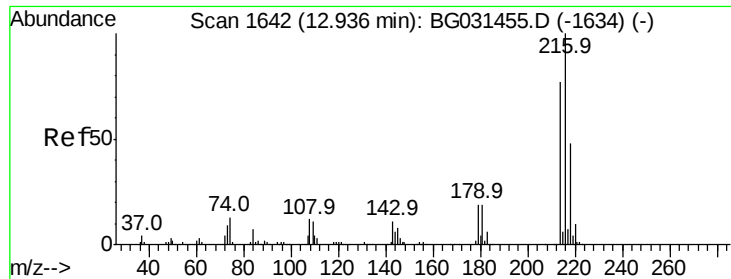
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	67.1	100.7
115	34.2	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.3	78.8	118.2
160	44.6	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.922 ng

RT: 12.93 min Scan# 1640

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 334635

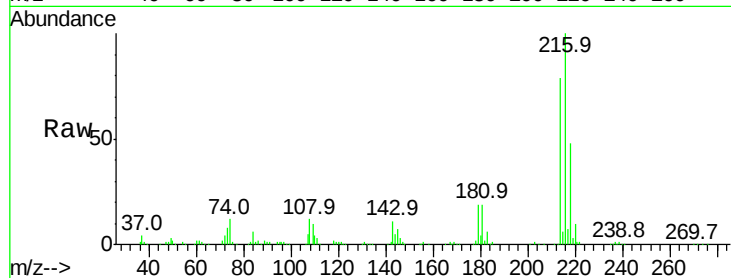
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 19.2 17.0 25.6

108 12.5 12.8 19.2#

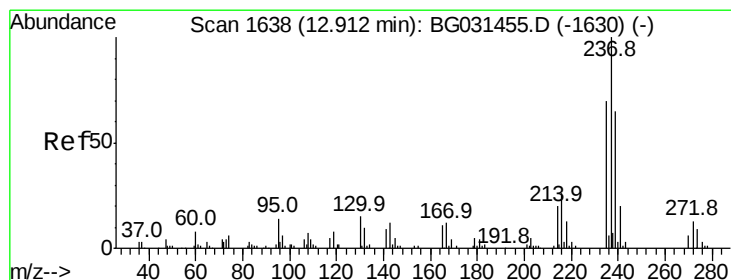
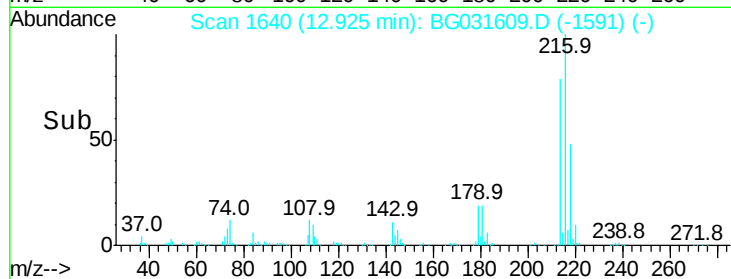
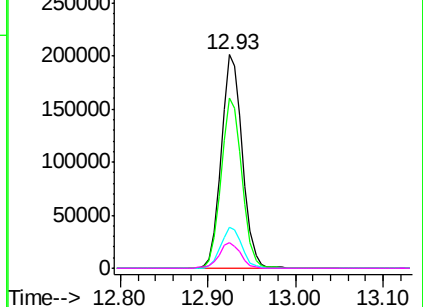


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.558 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

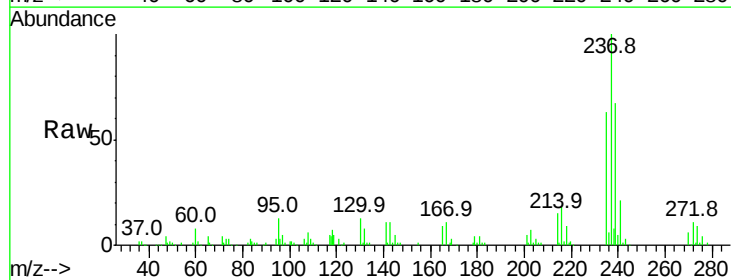
Tgt Ion:237 Resp: 76046

Ion Ratio Lower Upper

237 100

235 62.6 50.4 90.4

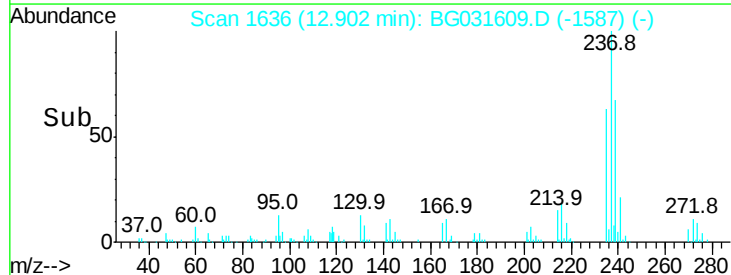
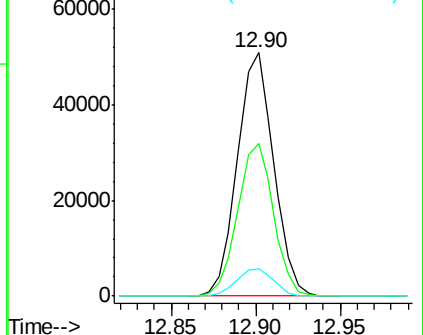
272 11.4 0.0 31.8

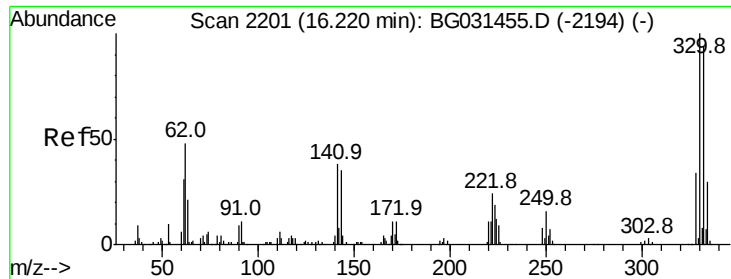


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

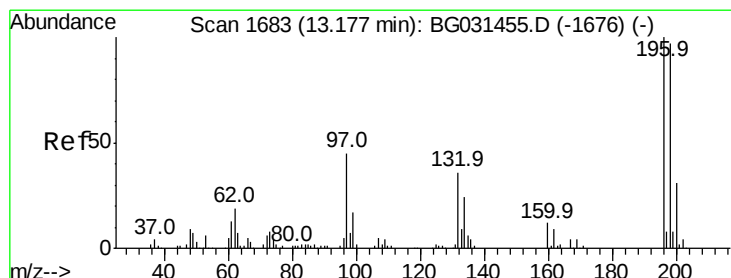
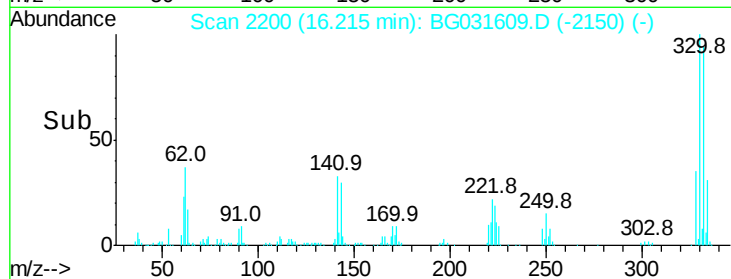
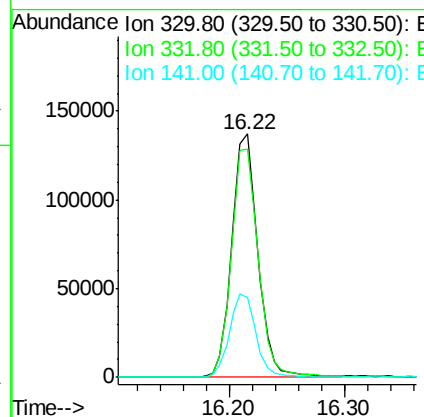
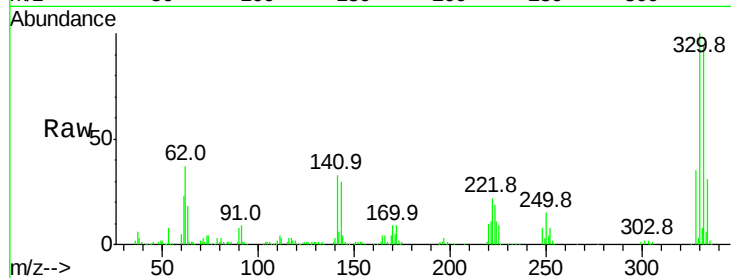




#41
 2,4,6-Tribromophenol
 Concen: 88.045 ng
 RT: 16.22 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

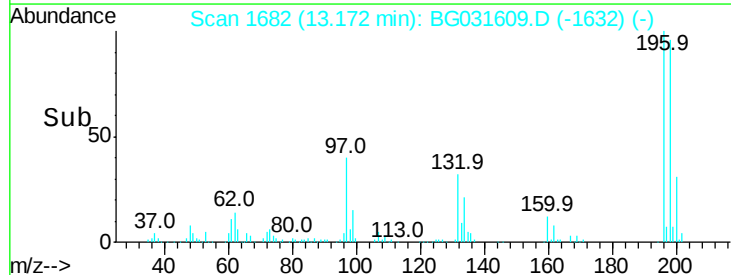
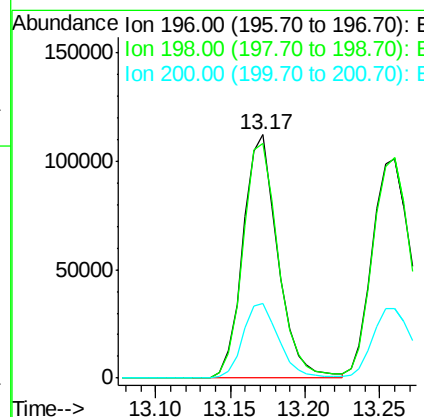
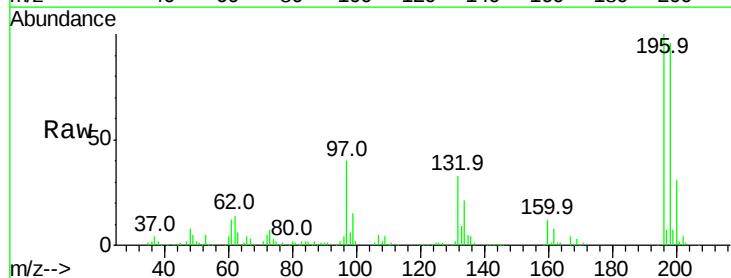
Instrument :
 BNA_G
 ClientSampleId :

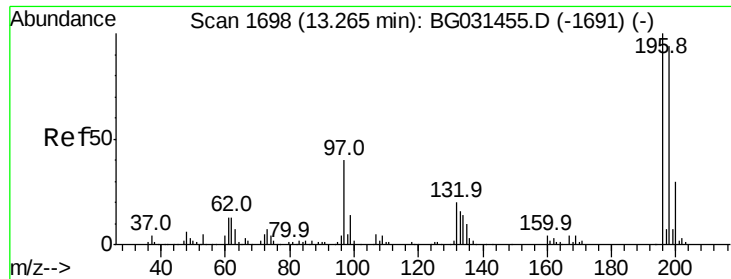
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.4	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 43.399 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.2	78.2	117.2
200	30.8	24.6	36.8

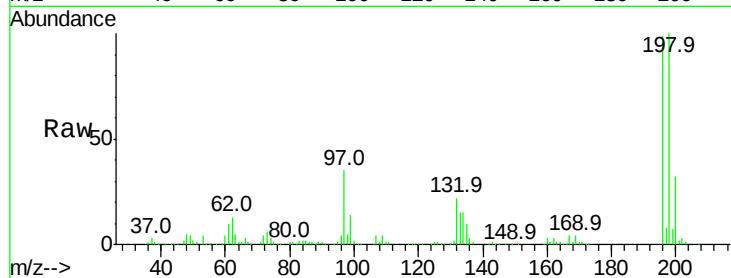




#43
 2,4,5-Trichlorophenol
 Concen: 44.312 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	101.1	76.2	114.4
97	34.9	38.7	58.1
132	22.3	20.2	30.2



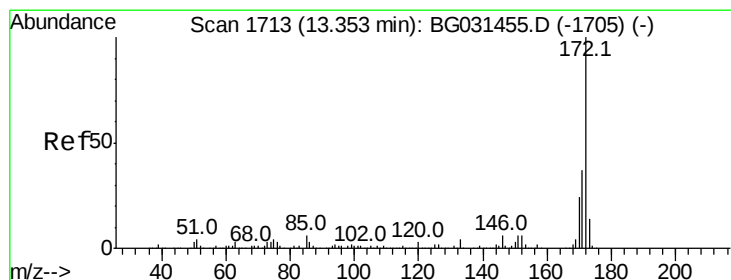
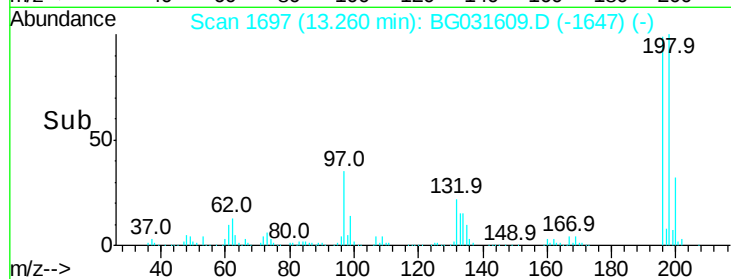
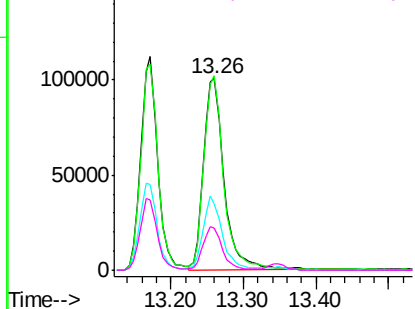
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

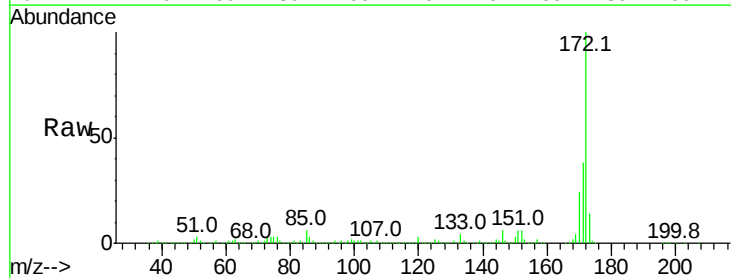
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.950 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.5	19.5	29.3

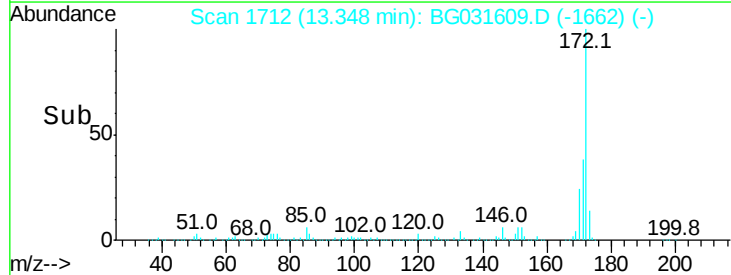
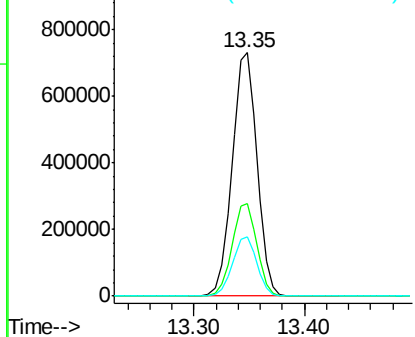


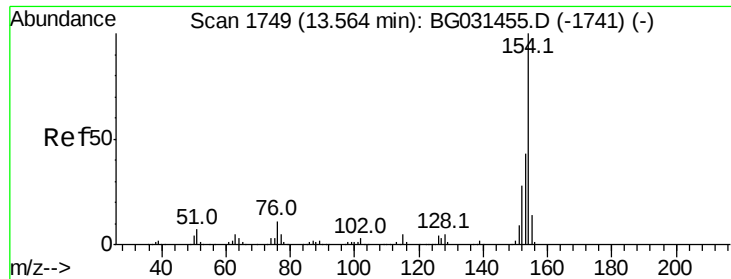
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.464 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.00 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

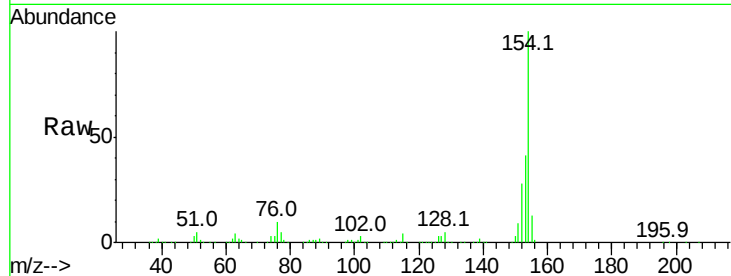
Tot Ion:154 Resp: 695382

Ion Ratio Lower Upper

154 100

153 41.4 19.8 59.8

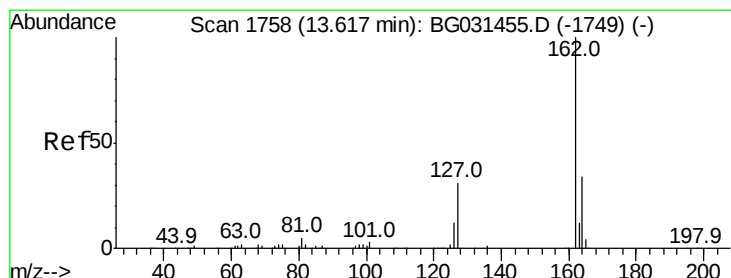
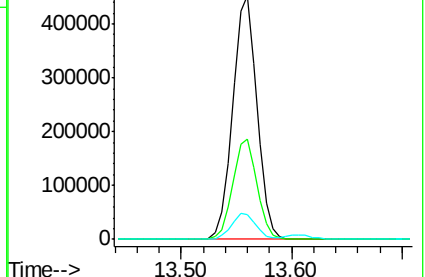
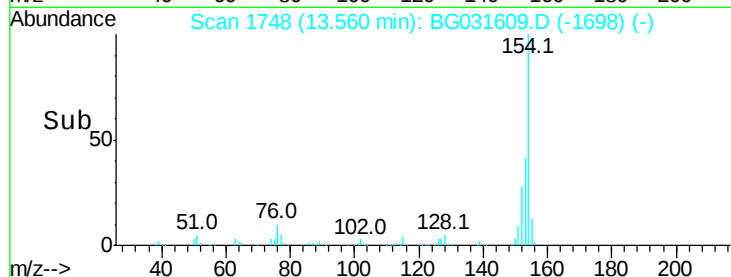
76 10.3 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 40.573 ng

RT: 13.61 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

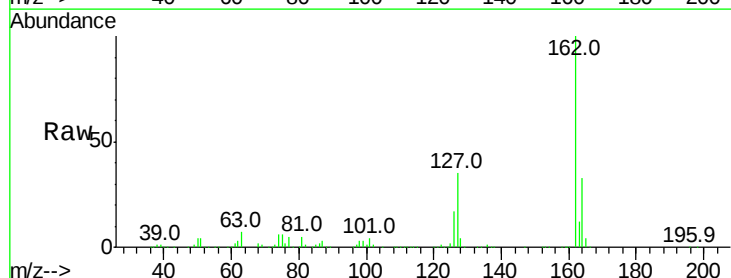
Tgt Ion:162 Resp: 510334

Ion Ratio Lower Upper

162 100

127 34.9 30.7 46.1

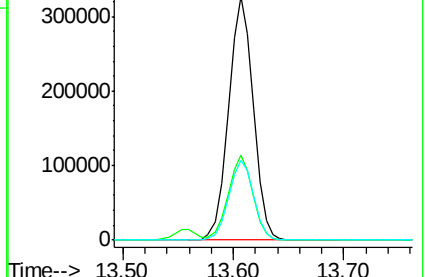
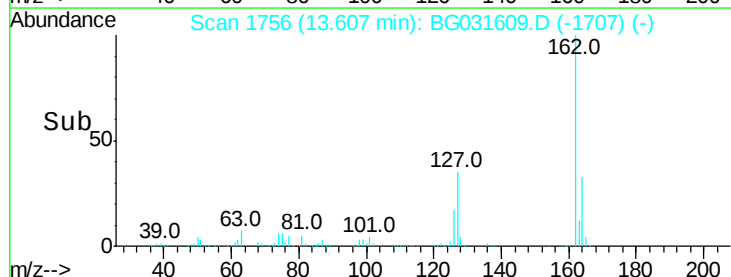
164 32.6 26.0 39.0

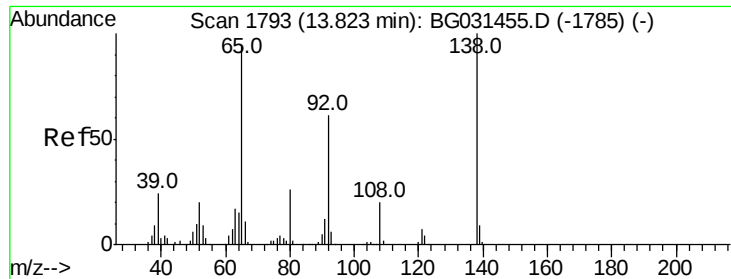


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.849 ng

RT: 13.81 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

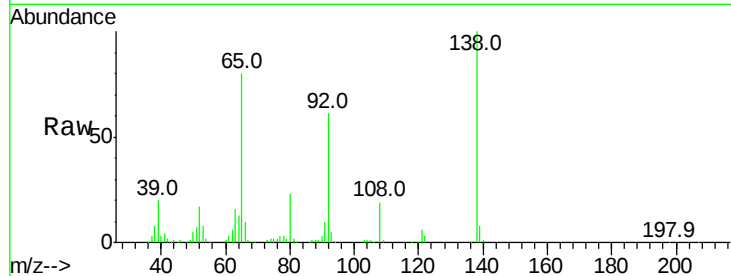
Tot Ion: 65 Resp: 140845

Ion Ratio Lower Upper

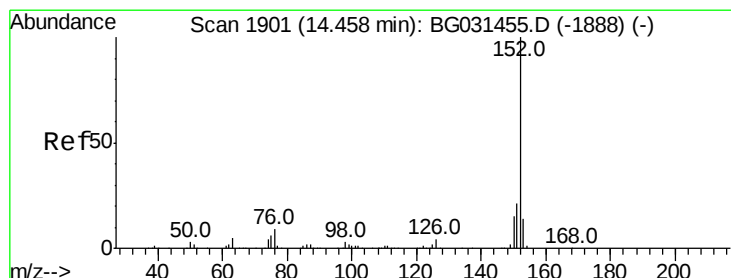
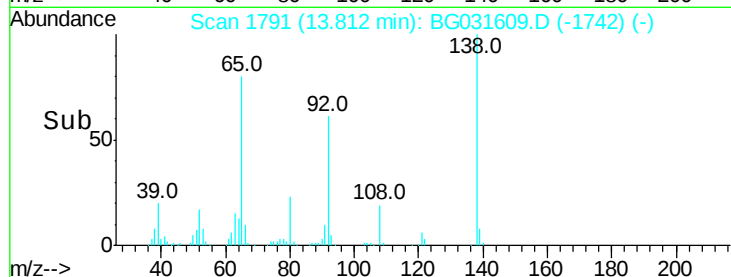
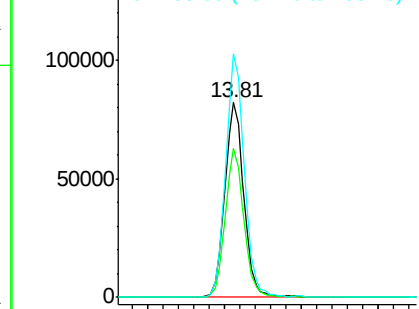
65 100

92 76.7 54.6 82.0

138 125.2 72.9 109.3#



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



#48

Acenaphthylene

Concen: 40.305 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

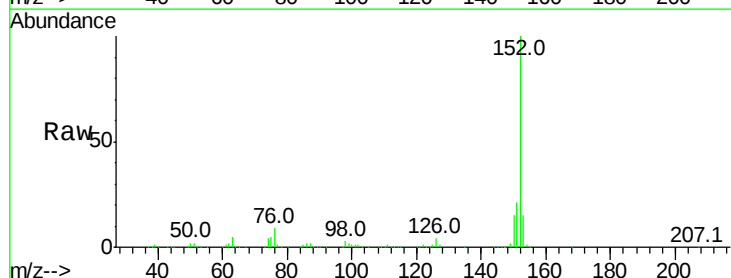
Tgt Ion: 152 Resp: 815742

Ion Ratio Lower Upper

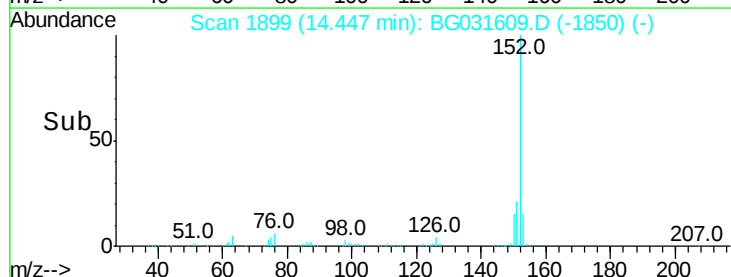
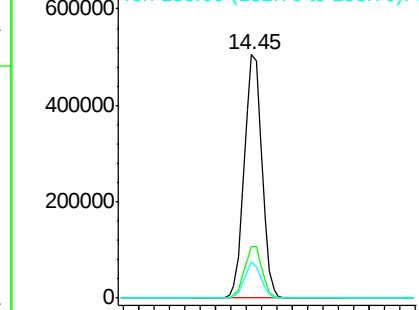
152 100

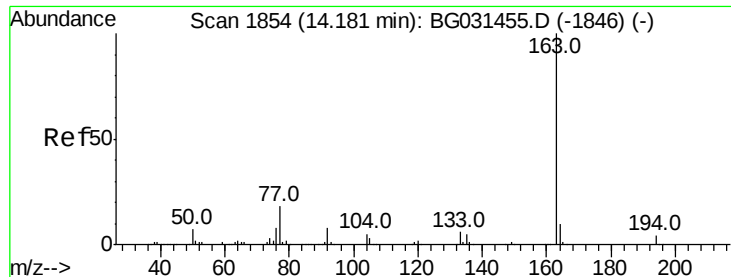
151 21.4 17.2 25.8

153 14.7 10.2 15.4



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





#49

Dimethylphthalate

Concen: 41.050 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

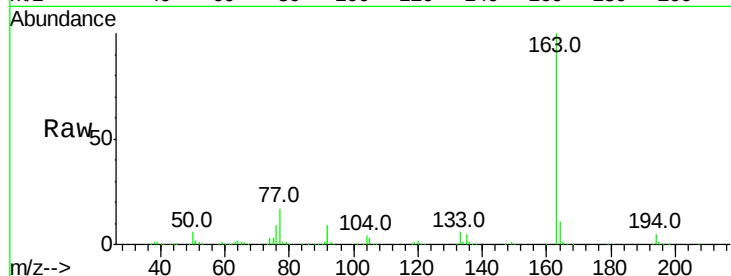
Tot Ion:163 Resp: 711088

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

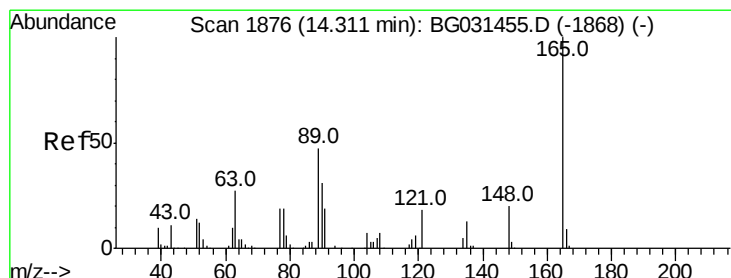
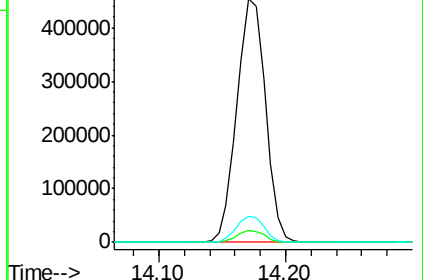
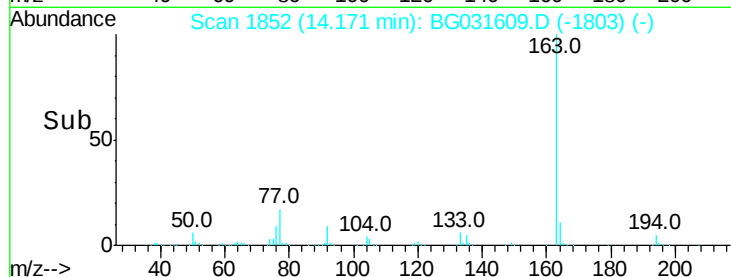
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.728 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

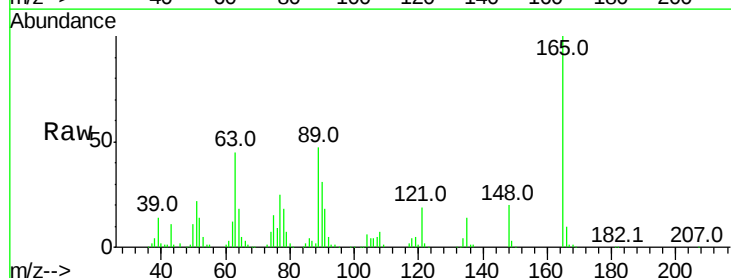
Tgt Ion:165 Resp: 154501

Ion Ratio Lower Upper

165 100

63 44.7 52.7 79.1#

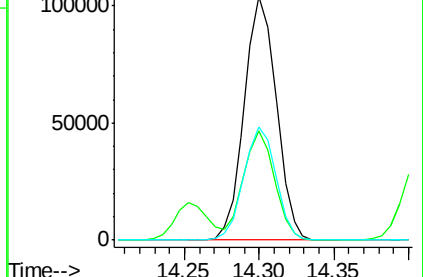
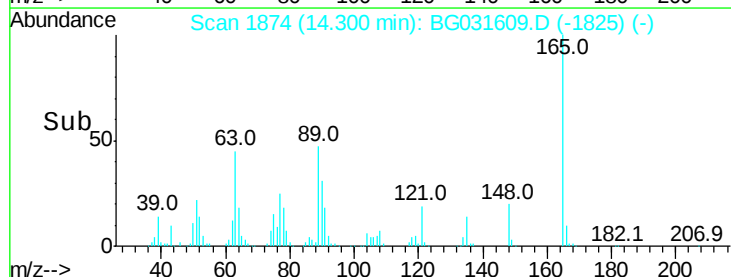
89 46.5 49.2 73.8#

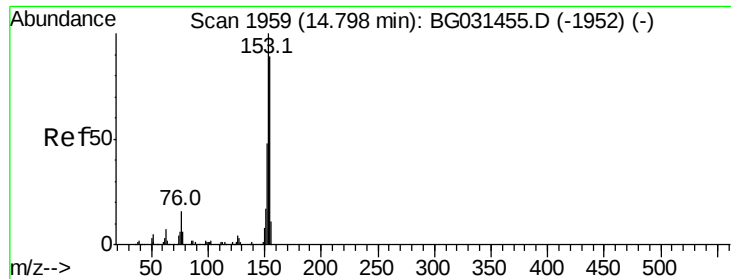


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.156 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

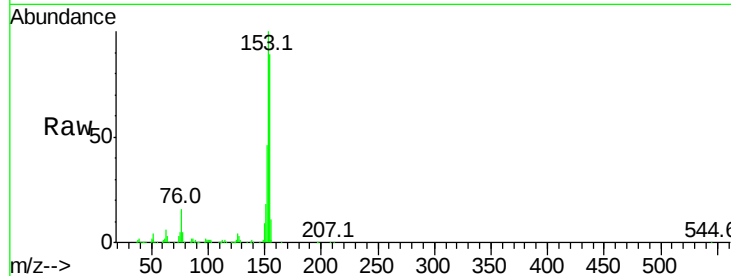
Tot Ion:154 Resp: 513893

Ion Ratio Lower Upper

154 100

153 111.9 90.4 135.6

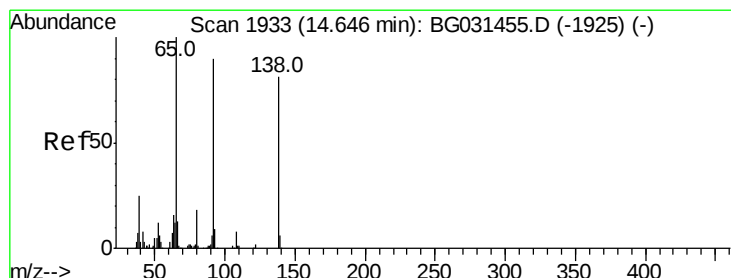
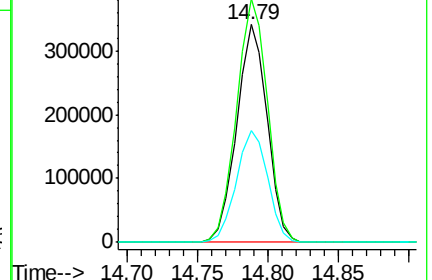
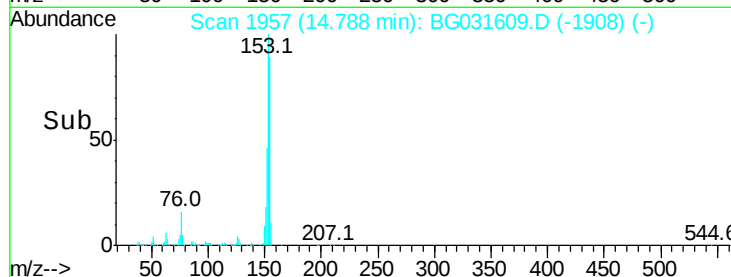
152 51.4 41.6 62.4



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: 41.947 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

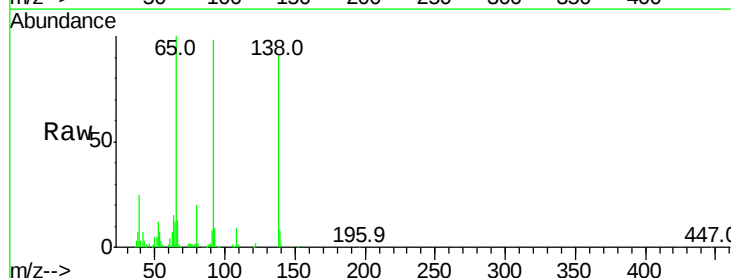
Tgt Ion:138 Resp: 158324

Ion Ratio Lower Upper

138 100

108 9.5 17.5 26.3#

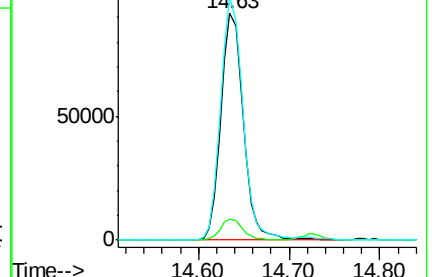
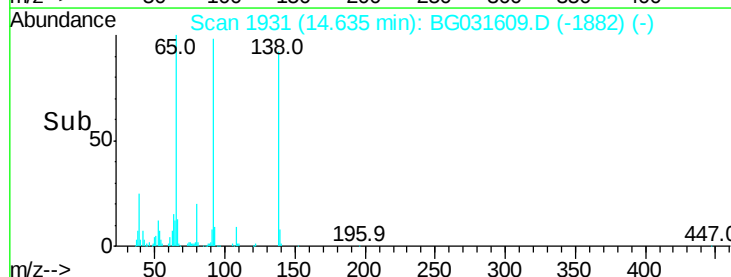
92 107.6 105.8 158.8

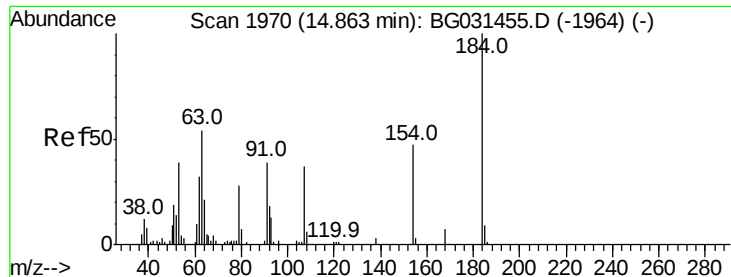


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 11.079 ng

RT: 14.89 min Scan# 1974

Delta R.T. 0.03 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

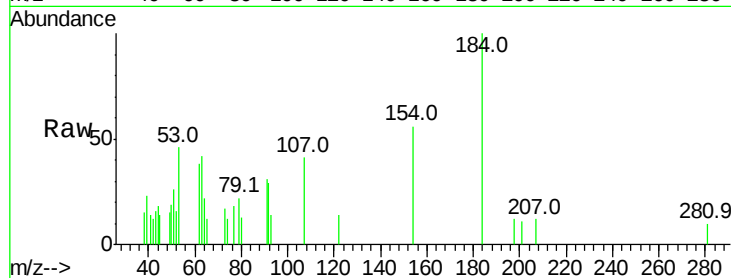
Tot Ion:184 Resp: 3533

Ion Ratio Lower Upper

184 100

63 41.9 59.8 89.8#

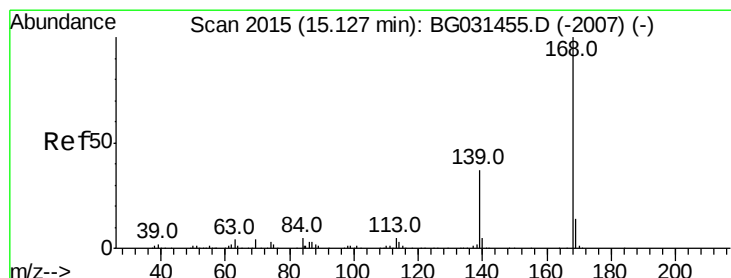
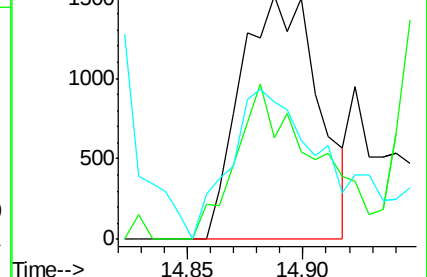
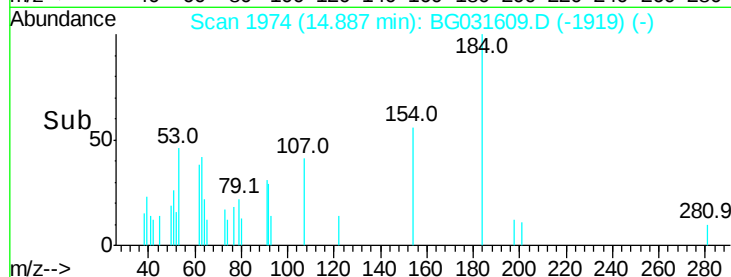
154 56.4 101.8 152.8#



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: 39.975 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

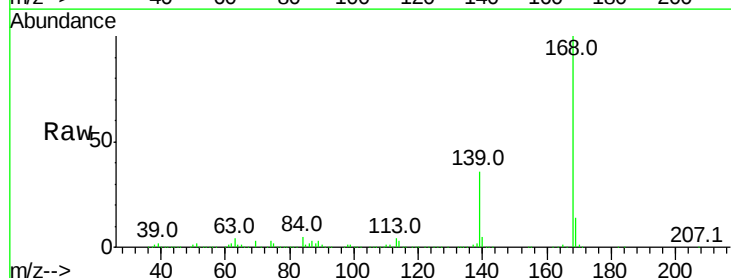
Tgt Ion:168 Resp: 816345

Ion Ratio Lower Upper

168 100

139 35.9 28.6 43.0

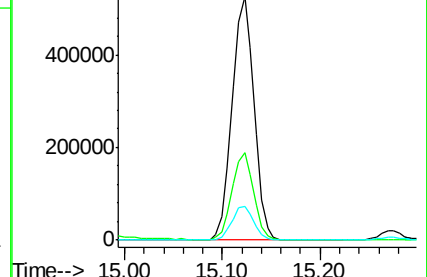
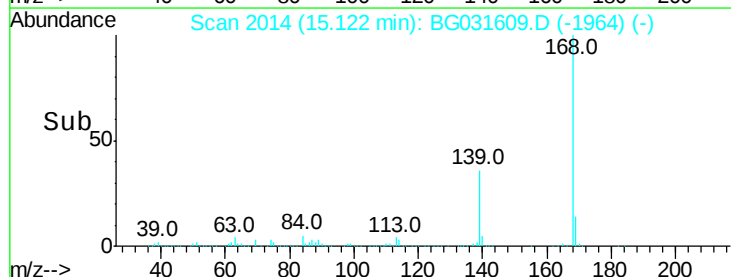
169 13.8 11.2 16.8

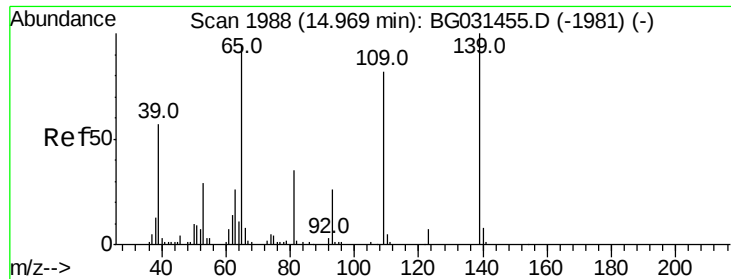


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

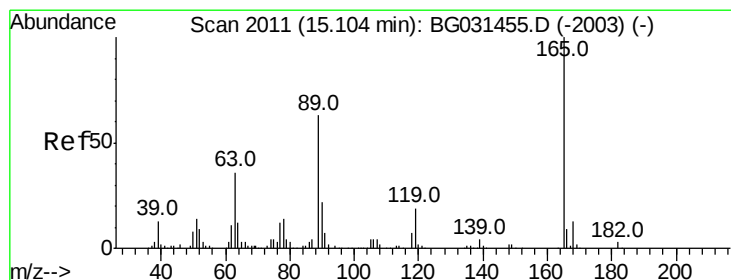
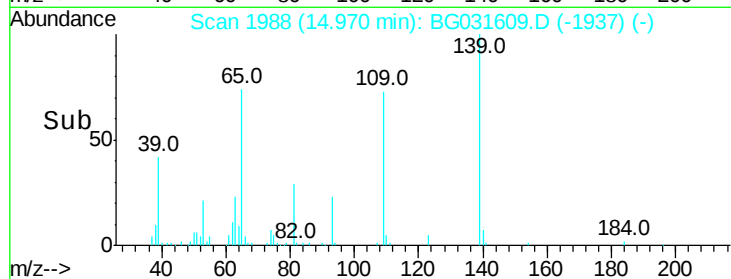
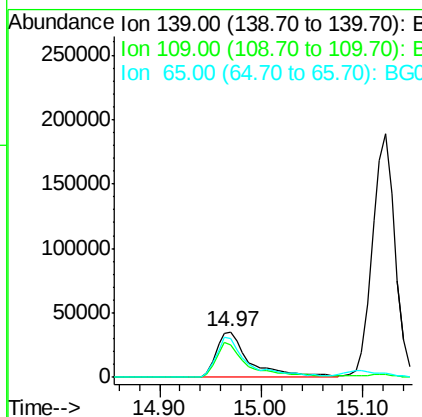
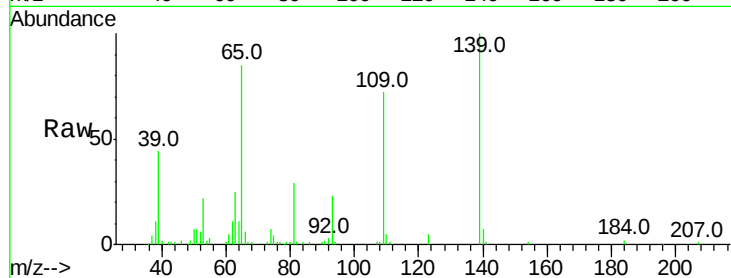




#55
4-Nitrophenol
Concen: 34.025 ng
RT: 14.97 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

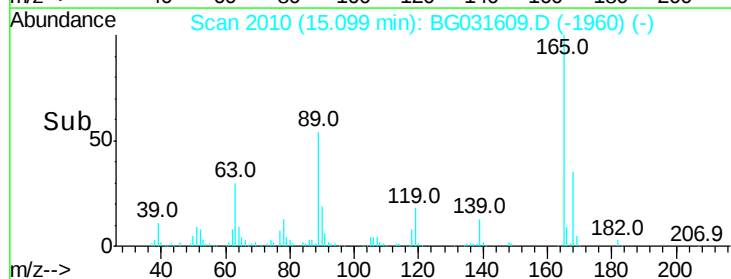
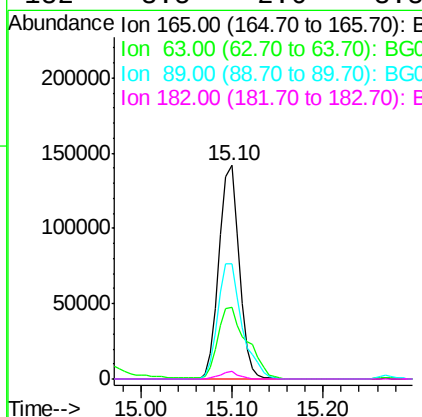
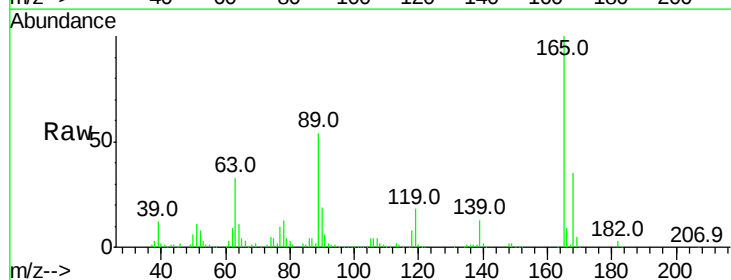
Instrument :
BNA_G
ClientSampled :

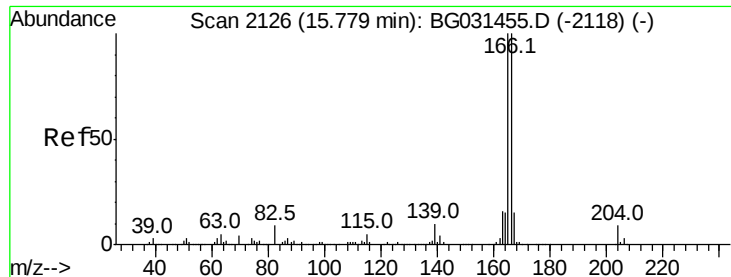
Tot Ion:139 Resp: 81342
Ion Ratio Lower Upper
139 100
109 72.2 62.2 102.2
65 85.0 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 41.635 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion:165 Resp: 218954
Ion Ratio Lower Upper
165 100
63 33.5 42.0 63.0#
89 54.1 66.9 100.3#
182 3.5 2.6 3.8





#57

Fluorene

Concen: 40.461 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

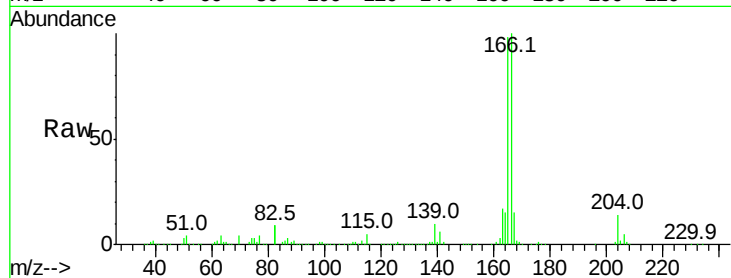
Tot Ion:166 Resp: 662051

Ion Ratio Lower Upper

166 100

165 98.2 80.6 121.0

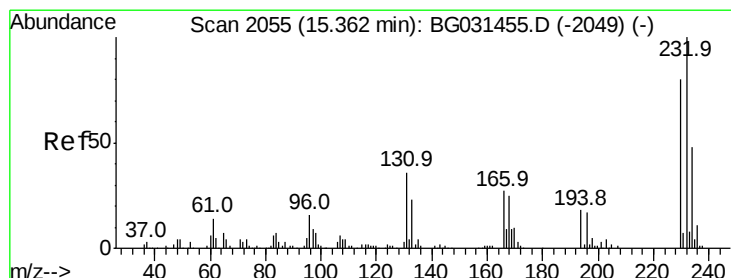
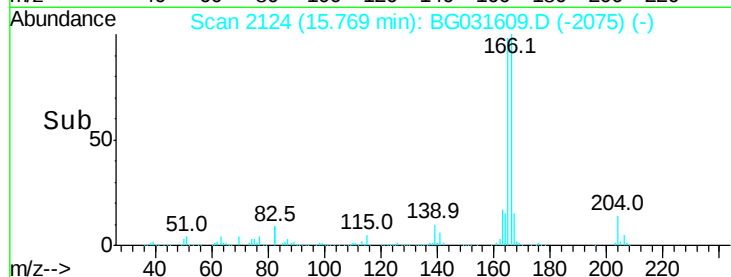
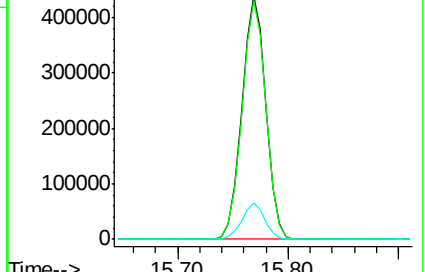
167 14.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.615 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Tgt Ion:232 Resp: 167582

Ion Ratio Lower Upper

232 100

131 32.6 33.5 50.3#

130 2.0 2.2 3.2#

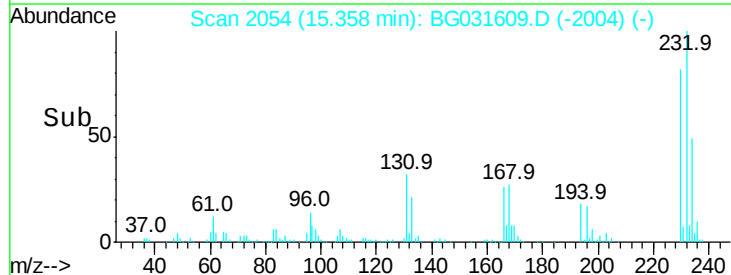
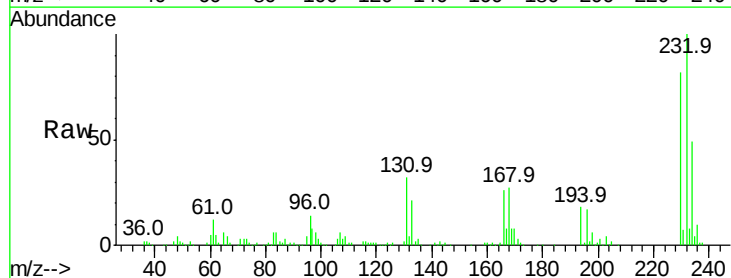
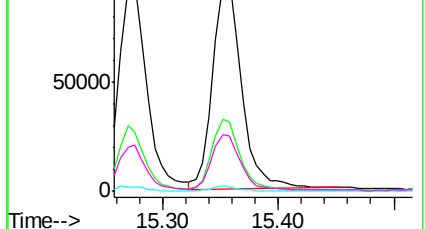
166 26.7 24.8 37.2

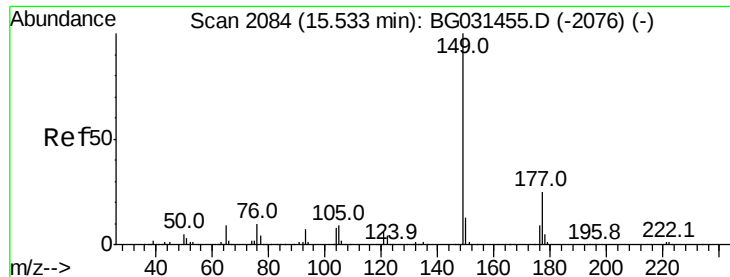
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

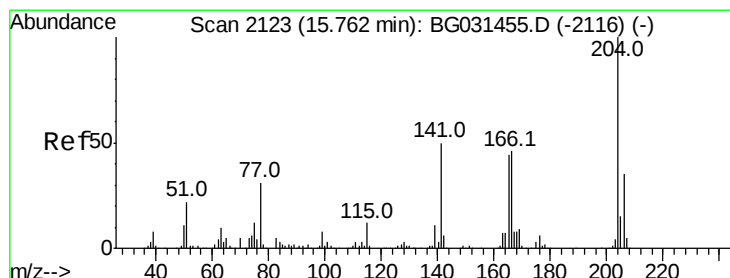
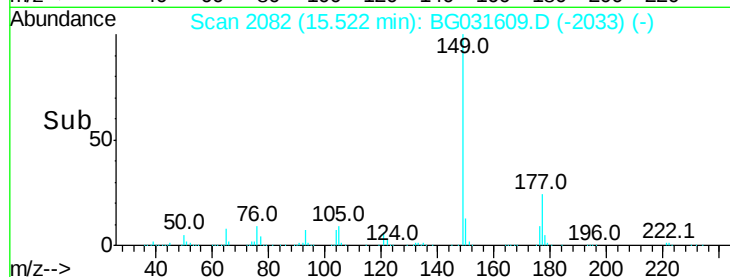
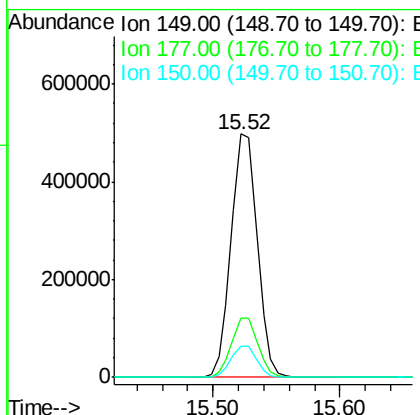
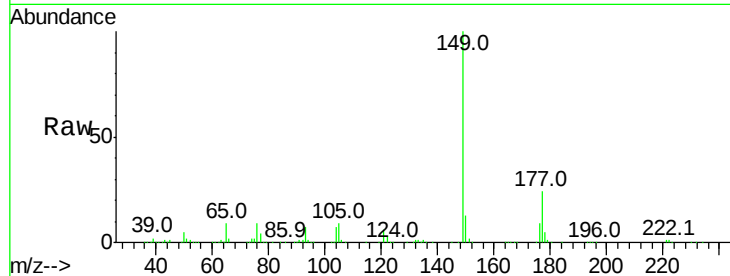




#59
Diethylphthalate
Concen: 40.869 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

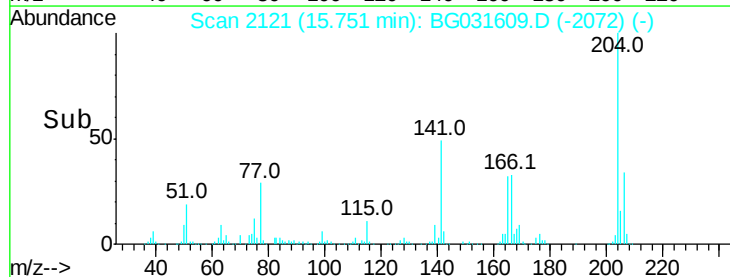
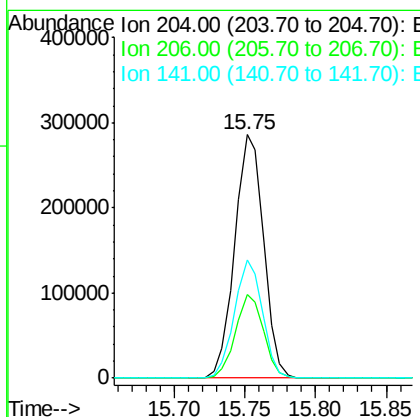
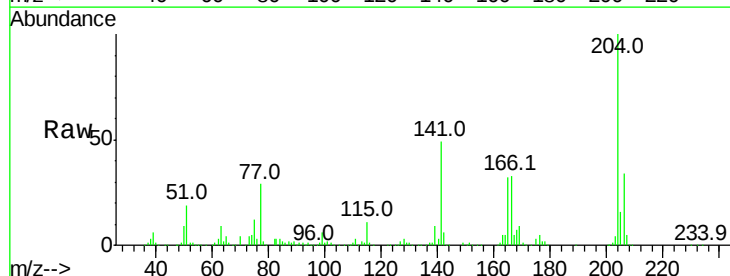
Instrument :
BNA_G
ClientSampleId :

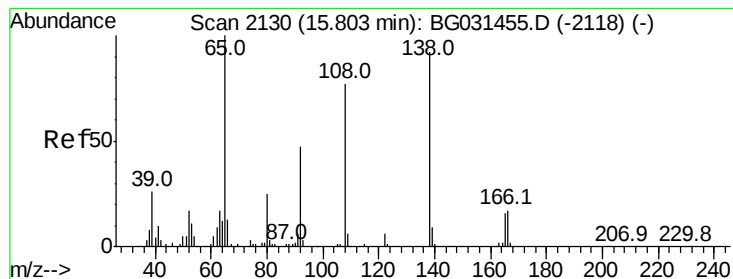
Tot Ion:149	Resp:	709617
Ion Ratio	Lower	Upper
149	100	
177	24.2	18.5 27.7
150	13.0	10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.647 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion:204	Resp:	406914
Ion Ratio	Lower	Upper
204	100	
206	34.4	26.2 39.2
141	48.7	45.8 68.6





#61

4-Nitroaniline

Concen: 41.891 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

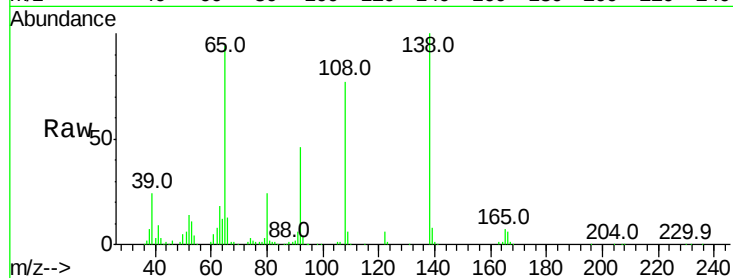
Tot Ion:138 Resp: 165926

Ion Ratio Lower Upper

138 100

92 46.5 40.1 80.1

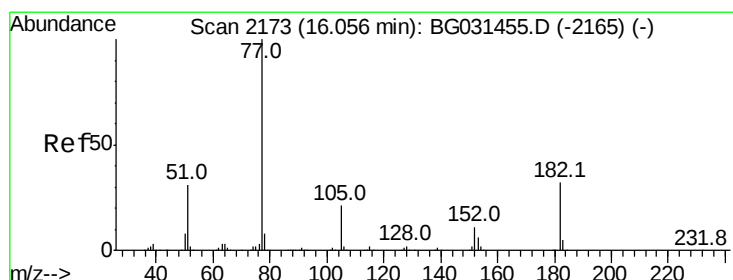
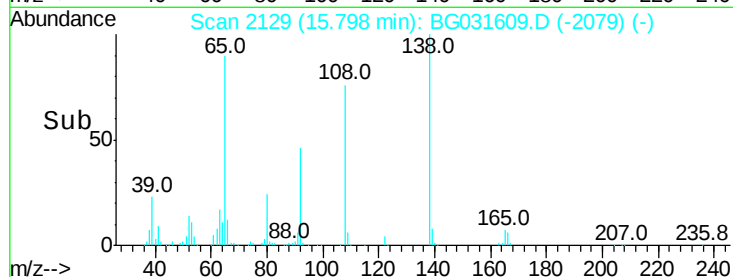
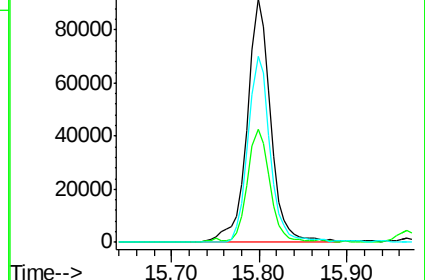
108 76.5 65.4 105.4



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: 37.195 ng

RT: 16.04 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Tgt Ion: 77 Resp: 534996

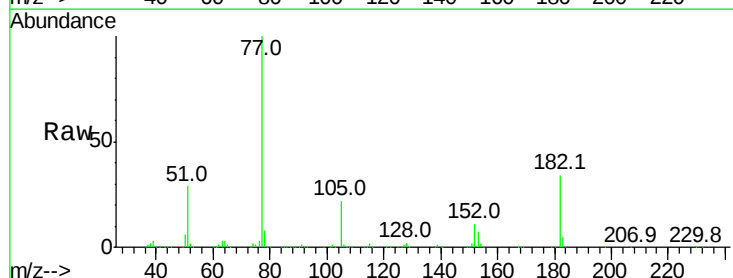
Ion Ratio Lower Upper

77 100

182 33.7 7.4 47.4

105 21.9 0.3 40.3

51 29.4 11.6 51.6

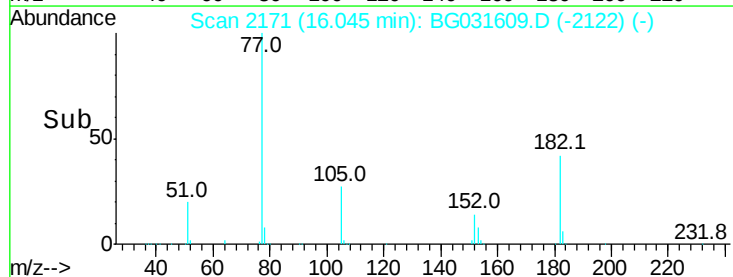
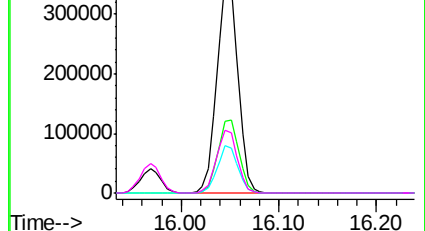


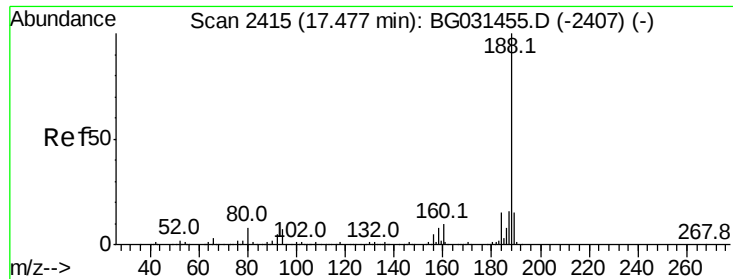
Abundance Ion 77.00 (76.70 to 77.70): BGC

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

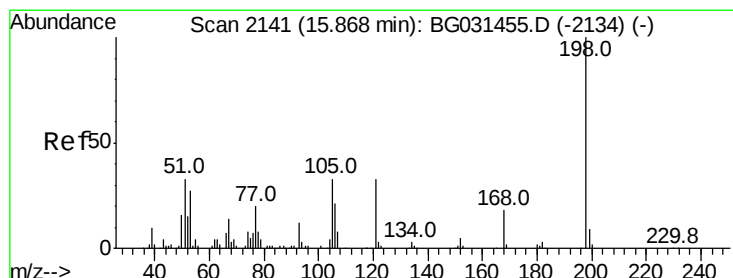
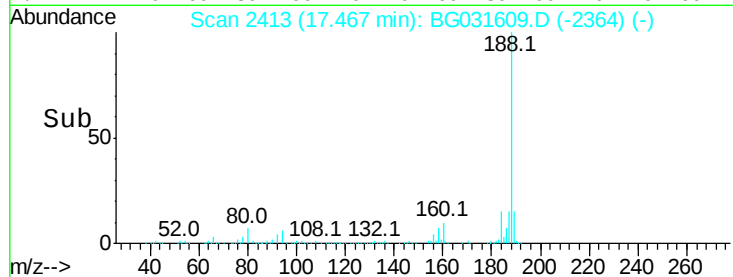
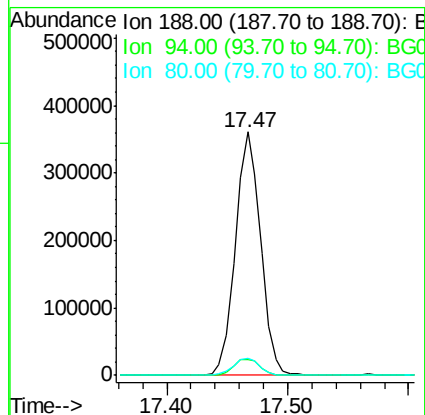
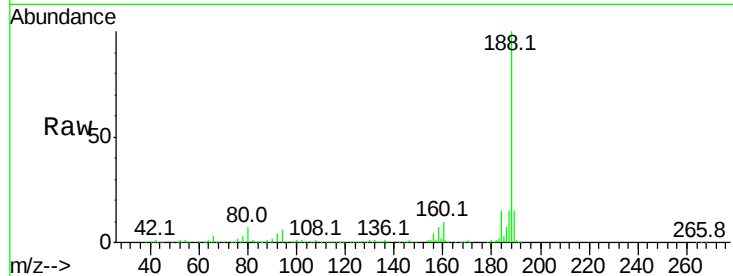




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

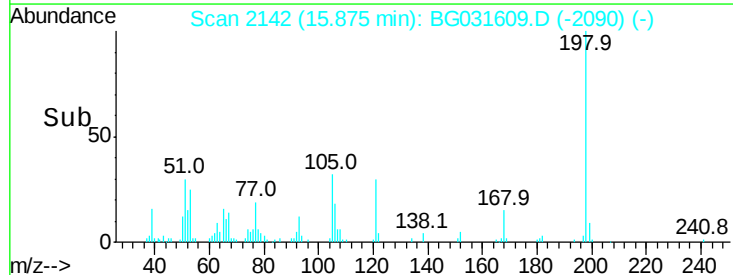
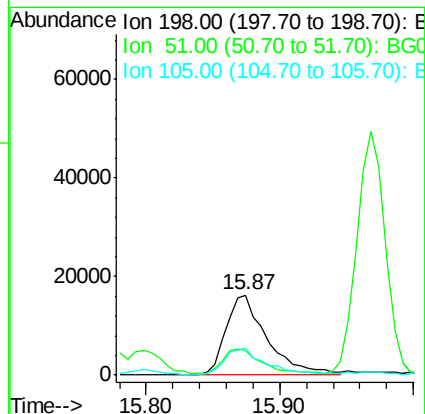
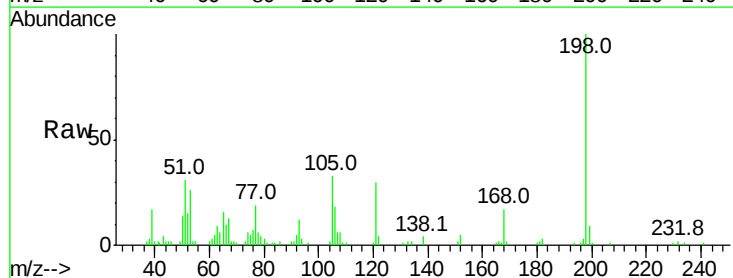
Instrument :
BNA_G
ClientSampled :

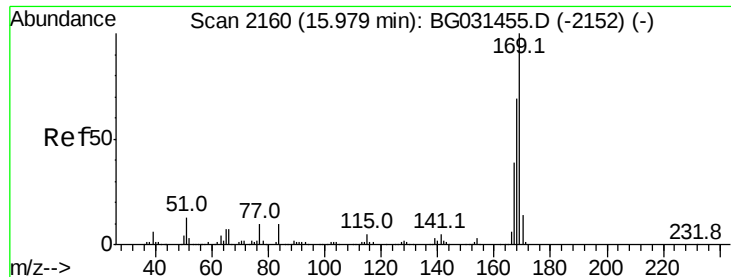
Tot Ion:188 Resp: 524682
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 7.2 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 14.788 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion:198 Resp: 34946
Ion Ratio Lower Upper
198 100
51 31.2 30.6 70.6
105 33.4 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 42.031 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampled :

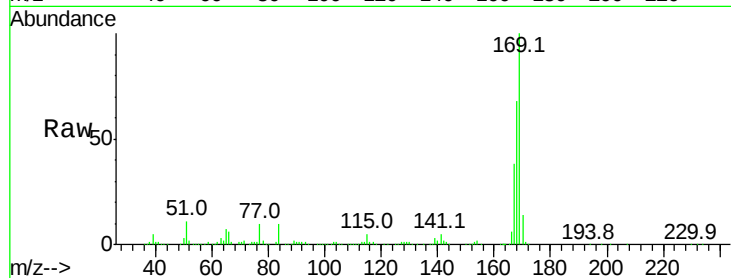
Tot Ion:169 Resp: 645496

Ion Ratio Lower Upper

169 100

168 68.4 55.7 83.5

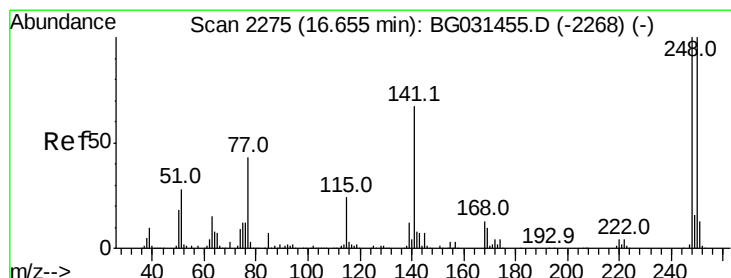
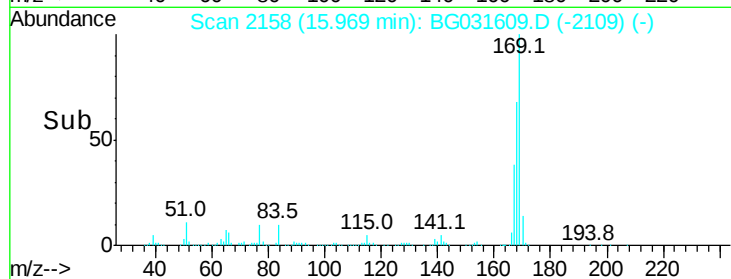
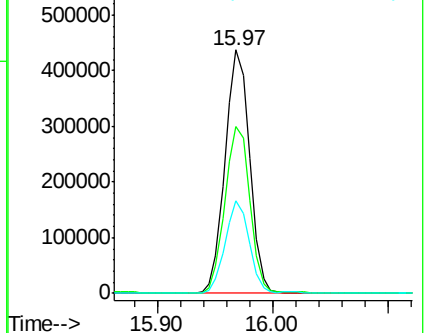
167 38.2 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.518 ng

RT: 16.64 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

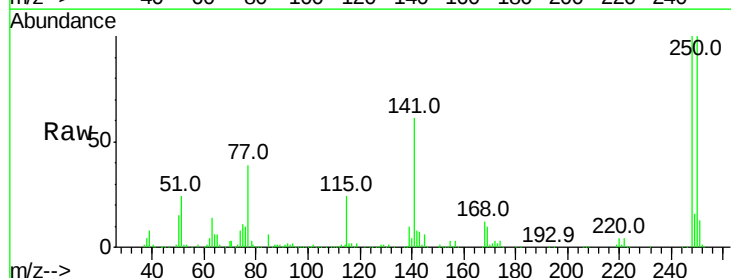
Tgt Ion:248 Resp: 259408

Ion Ratio Lower Upper

248 100

250 100.3 77.1 115.7

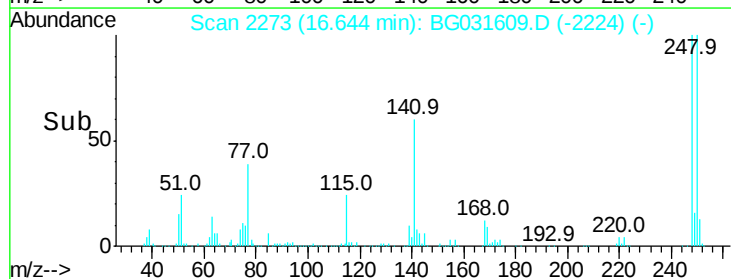
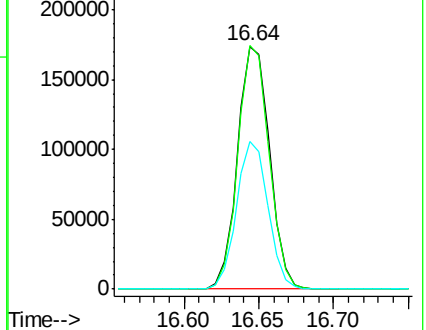
141 60.9 50.8 76.2

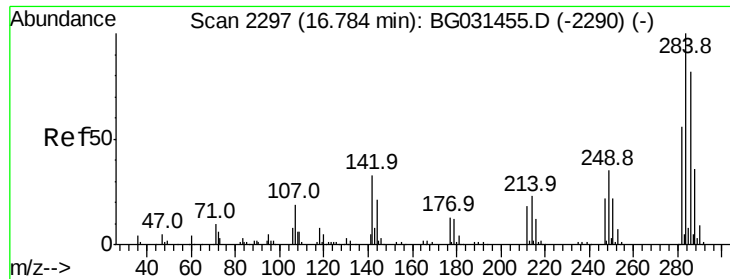


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

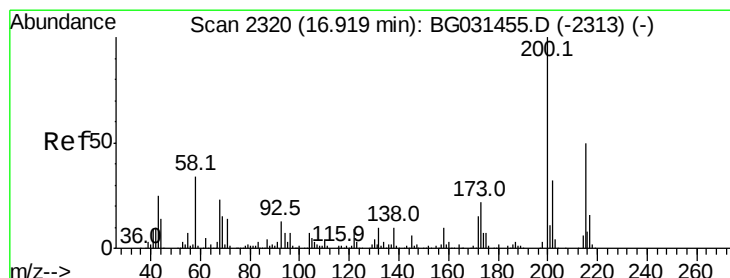
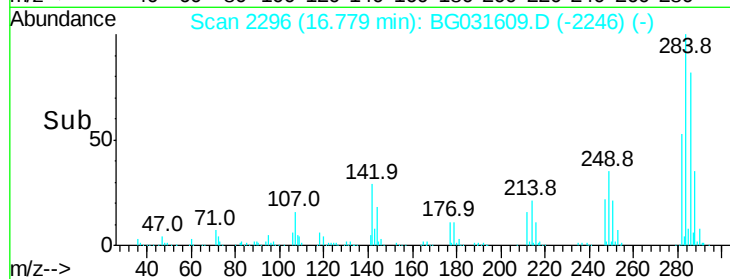
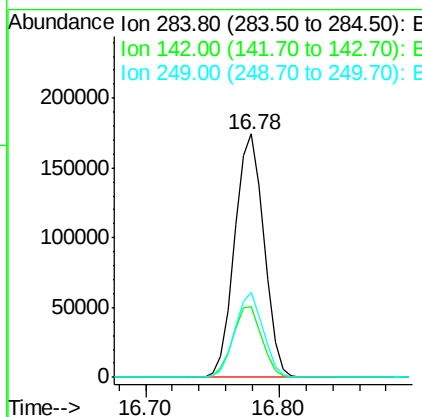
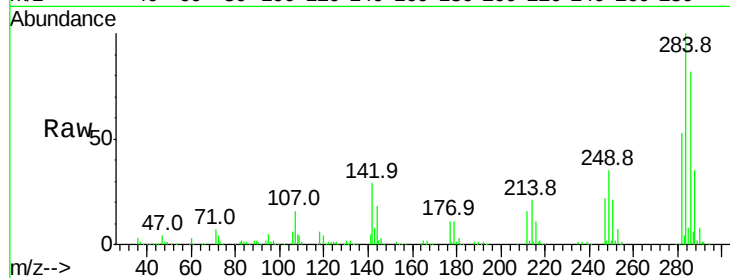




#67
Hexachlorobenzene
Concen: 42.070 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

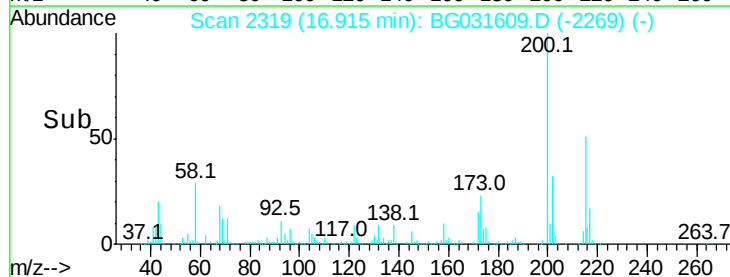
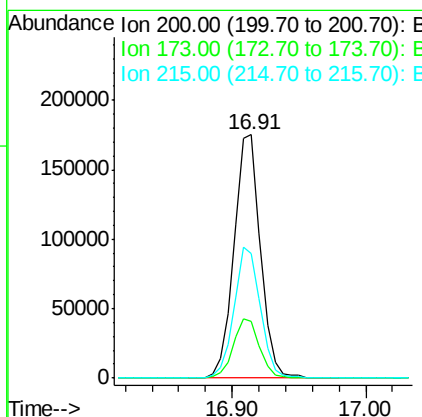
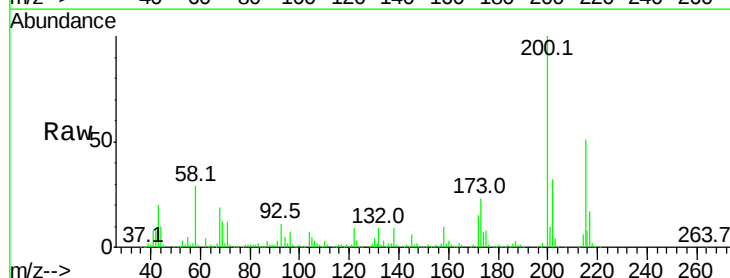
Instrument :
BNA_G
ClientSampleId :

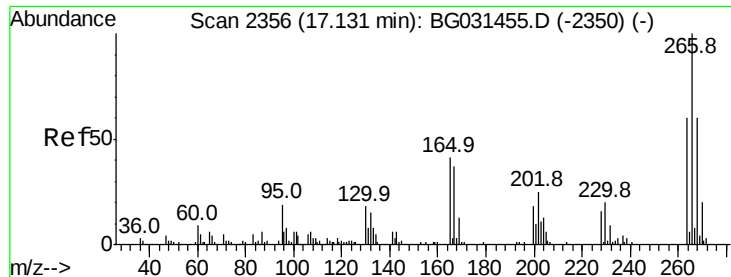
Tot Ion	Ratio	Lower	Upper
284	100		
142	29.1	26.8	40.2
249	35.1	26.3	39.5



#68
Atrazine
Concen: 43.044 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.2	45.2
215	51.2	30.4	70.4





#69

Pentachlorophenol

Concen: 28.035 ng

RT: 17.13 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampled :

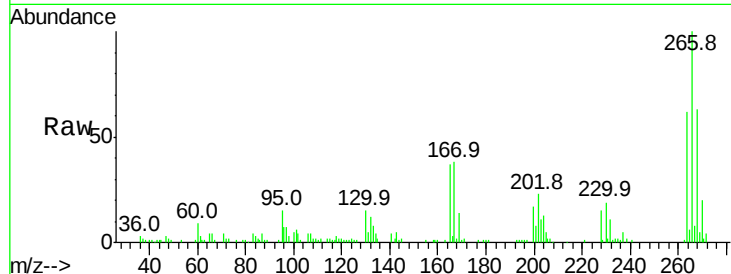
Tot Ion:266 Resp: 72916

Ion Ratio Lower Upper

266 100

268 63.3 51.1 76.7

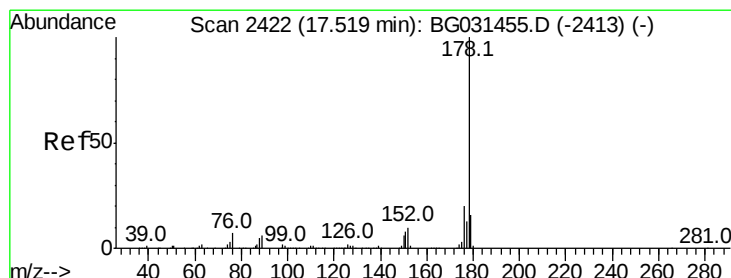
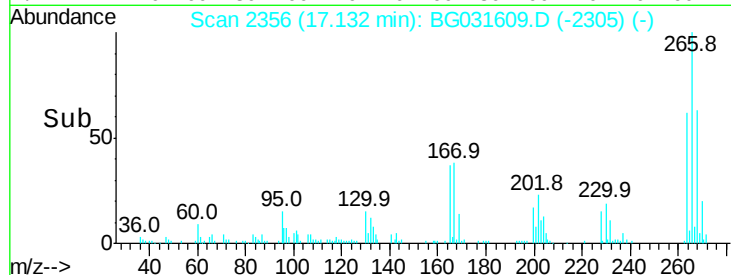
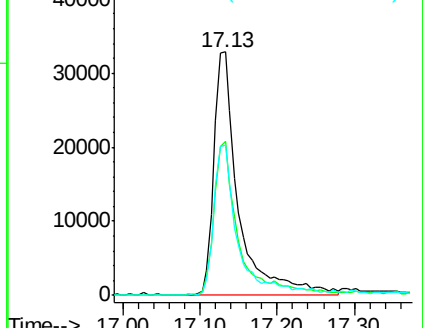
264 61.9 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.951 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

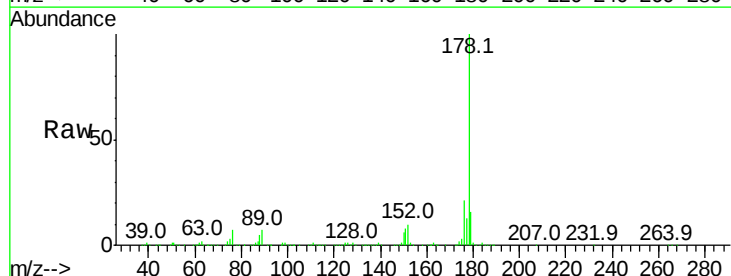
Tgt Ion:178 Resp: 1094741

Ion Ratio Lower Upper

178 100

176 20.6 15.7 23.5

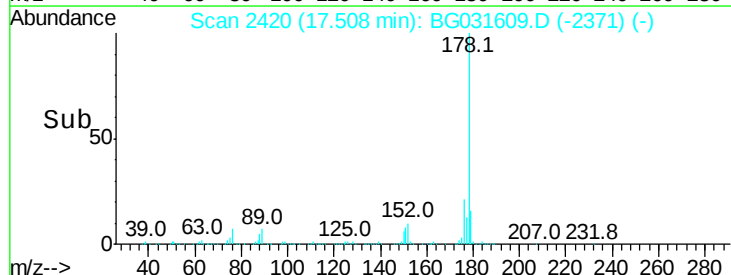
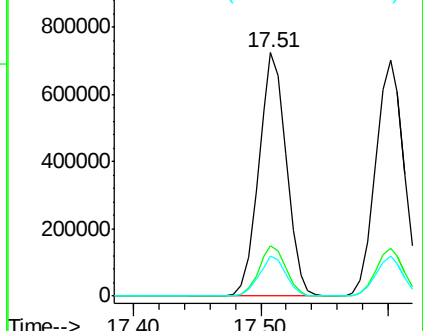
179 16.3 12.5 18.7

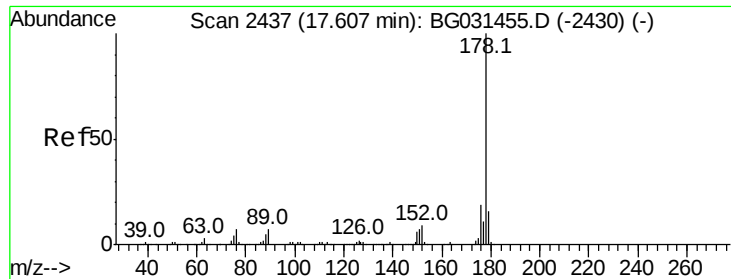


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

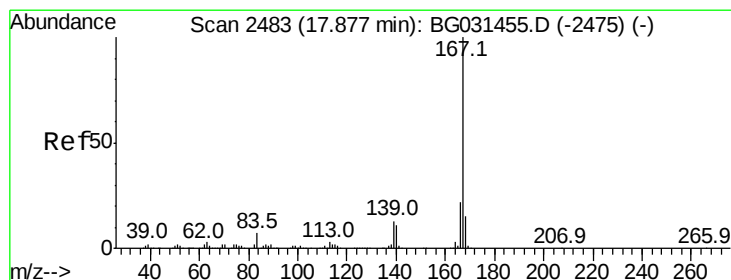
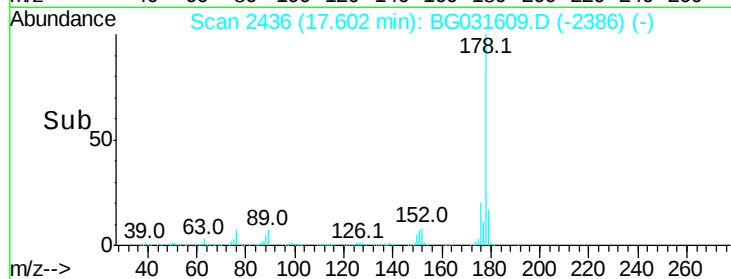
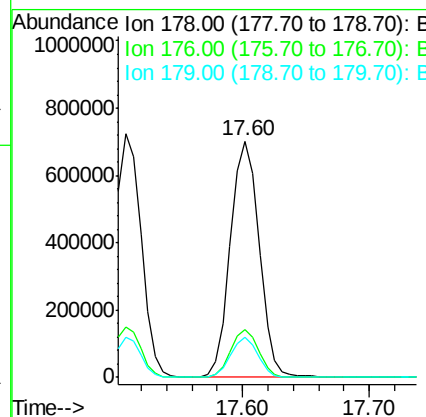
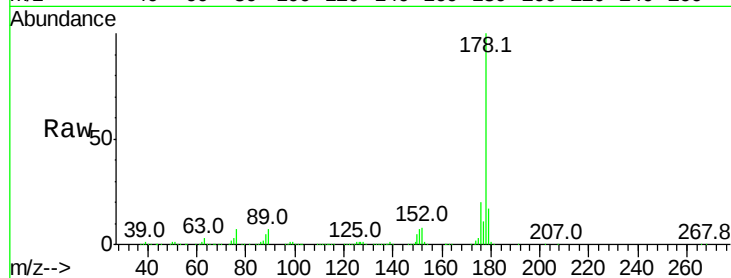




#71
 Anthracene
 Concen: 40.624 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.00 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

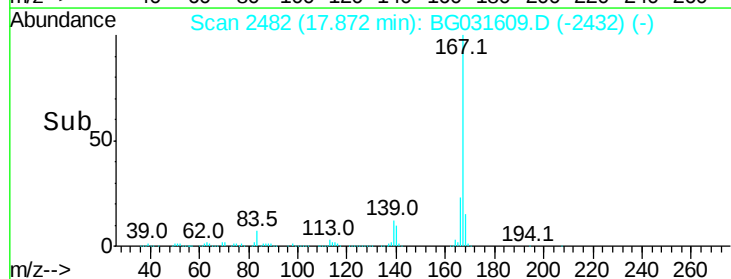
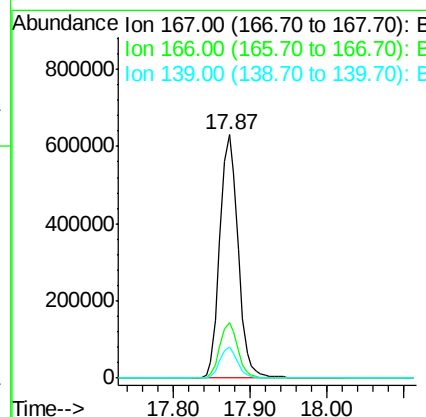
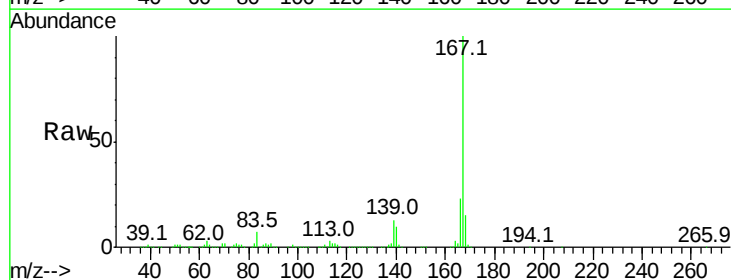
Instrument :
 BNA_G
 ClientSampleId :

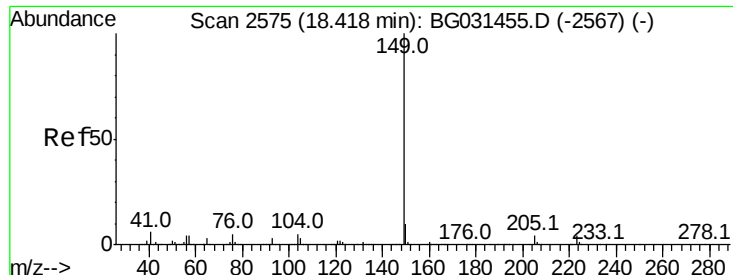
Tot Ion:178 Resp: 1100959
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.0 24.0
 179 16.7 12.5 18.7



#72
 Carbazole
 Concen: 42.027 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Tgt Ion:167 Resp: 1030723
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 41.869 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

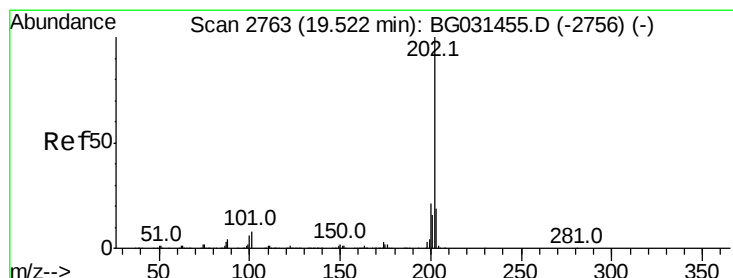
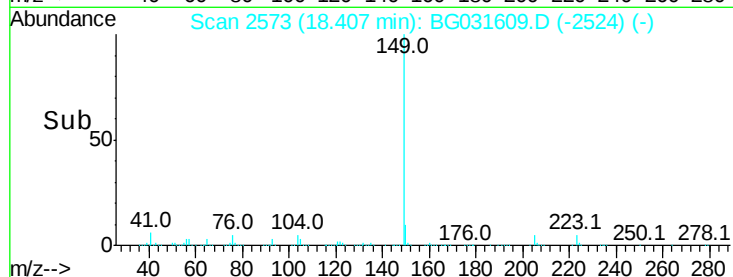
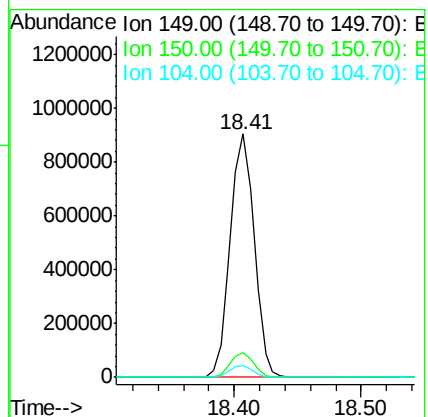
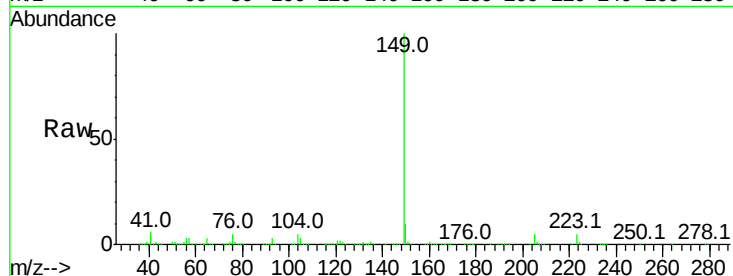
Tot Ion:149 Resp: 1185823

Ion Ratio Lower Upper

149 100

150 10.1 7.8 11.6

104 5.1 3.9 5.9



#74

Fluoranthene

Concen: 40.452 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

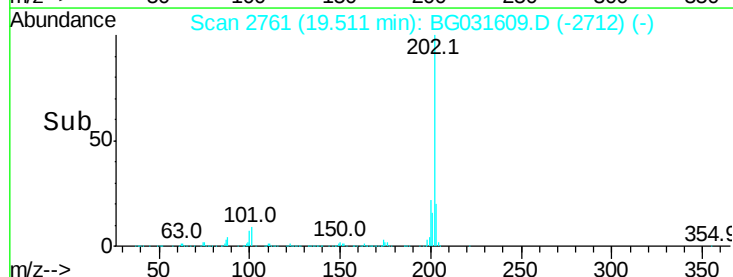
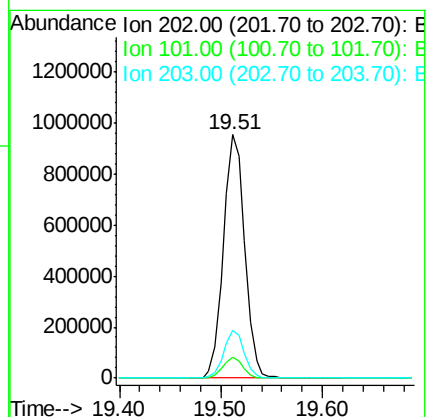
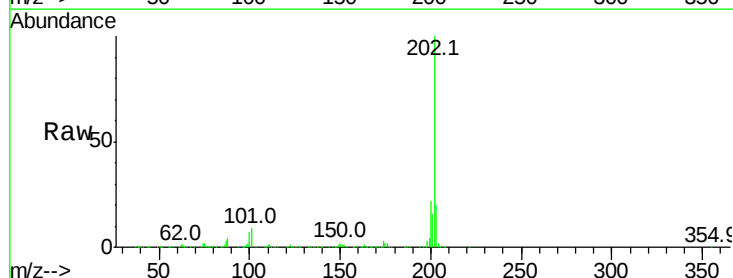
Tgt Ion:202 Resp: 1387221

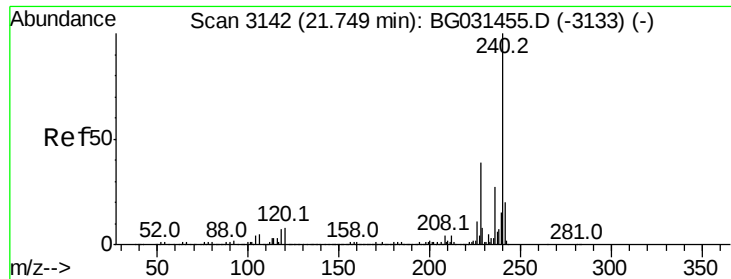
Ion Ratio Lower Upper

202 100

101 8.6 0.0 28.9

203 19.5 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

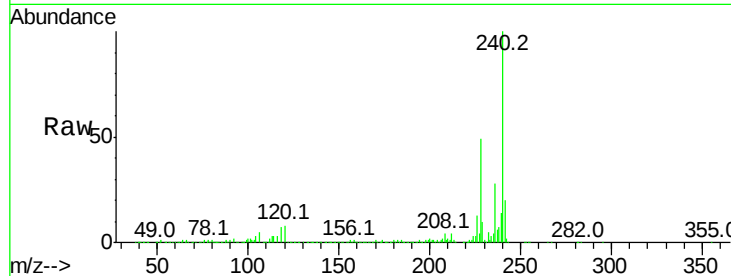
Tot Ion:240 Resp: 552091

Ion Ratio Lower Upper

240 100

120 7.6 6.8 10.2

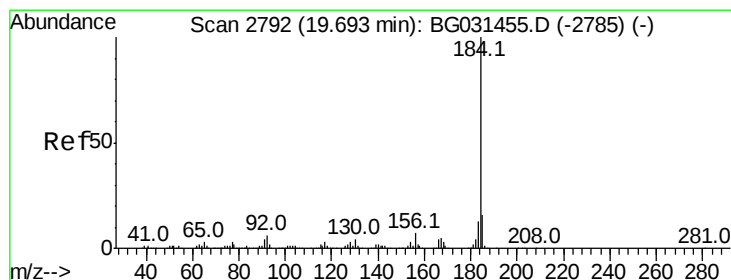
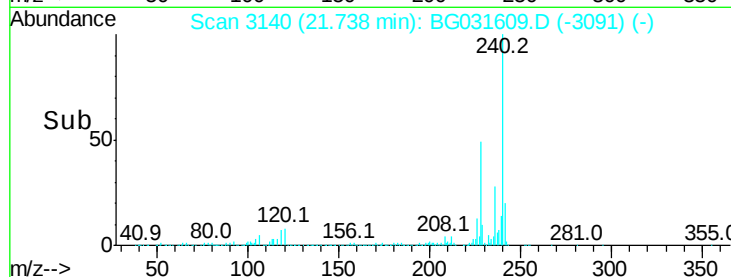
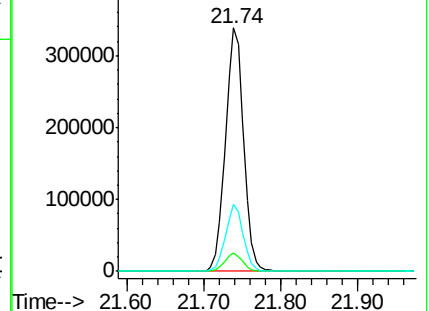
236 27.5 20.9 31.3



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: 44.927 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

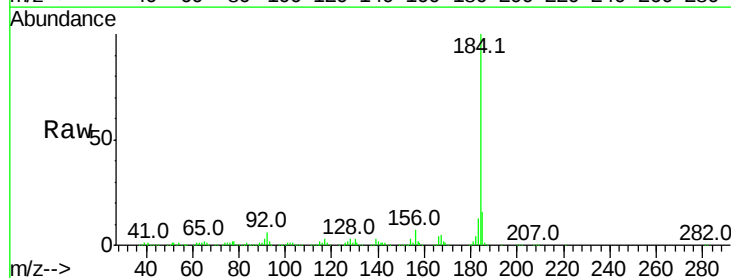
Tgt Ion:184 Resp: 577231

Ion Ratio Lower Upper

184 100

185 15.6 11.1 16.7

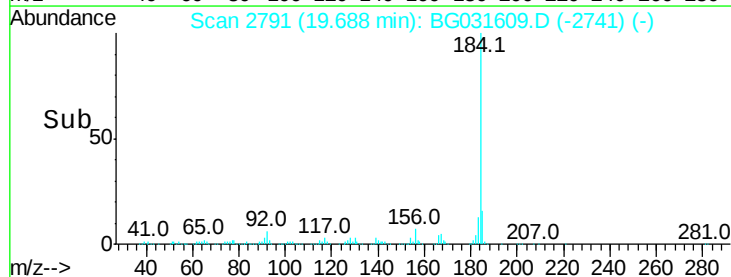
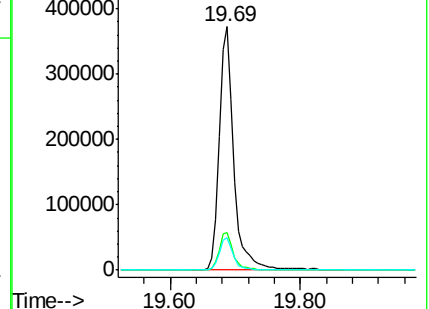
183 13.5 10.6 16.0

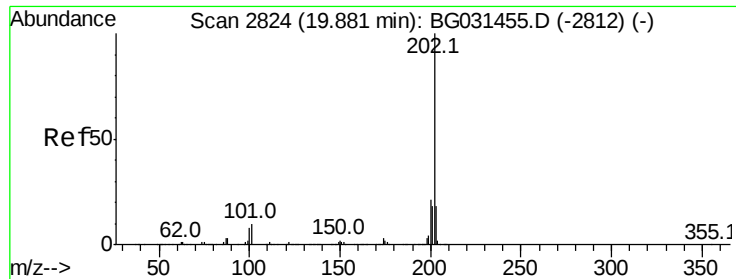


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

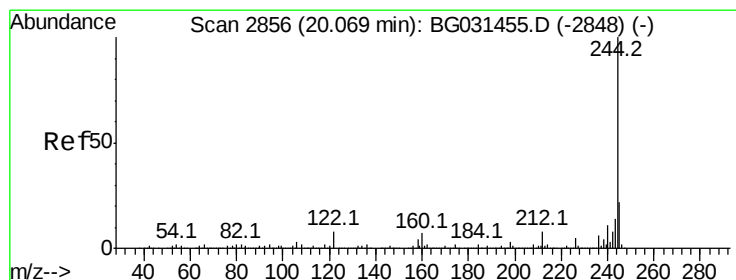
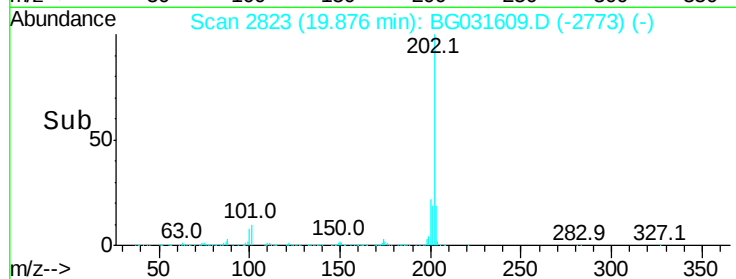
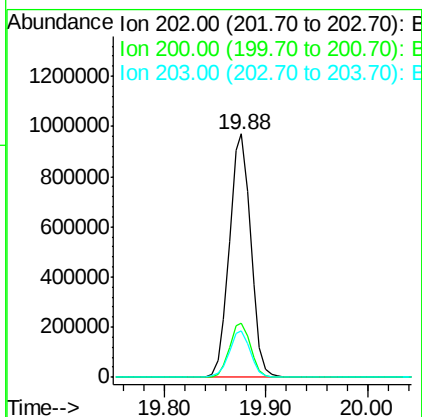
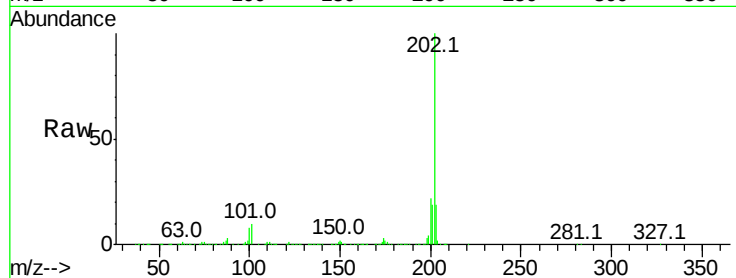




#77
Pvrene
Concen: 41.290 ng
RT: 19.88 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

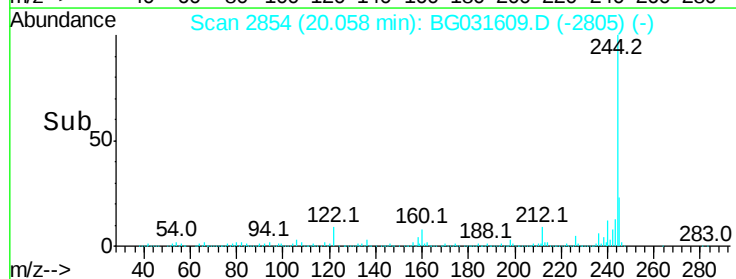
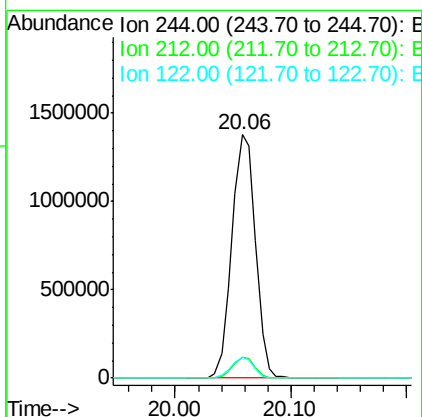
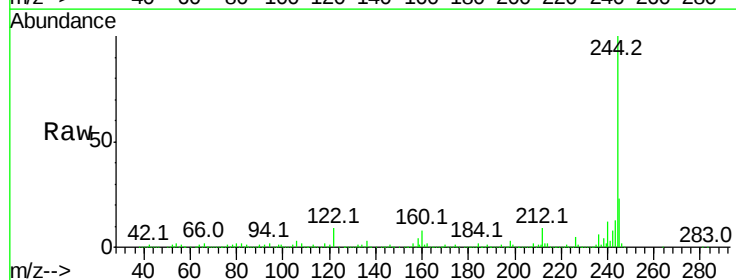
Instrument :
BNA_G
ClientSampleId :

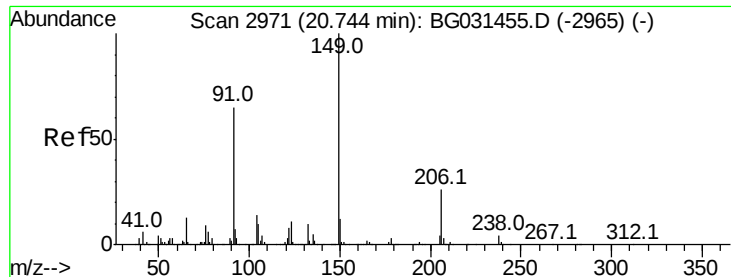
Tot Ion:202 Resp: 1416433
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 19.0 13.9 20.9



#78
Terphenyl-d14
Concen: 80.323 ng
RT: 20.06 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion:244 Resp: 1949108
Ion Ratio Lower Upper
244 100
212 8.6 5.8 8.8
122 8.7 7.0 10.4

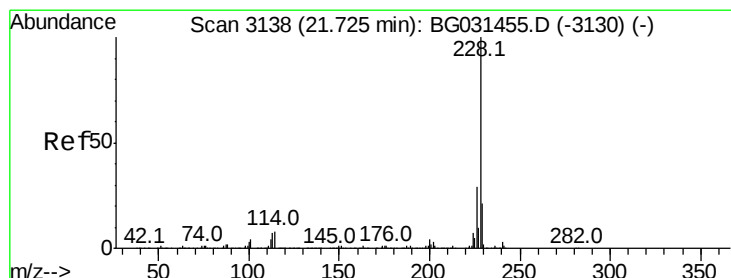
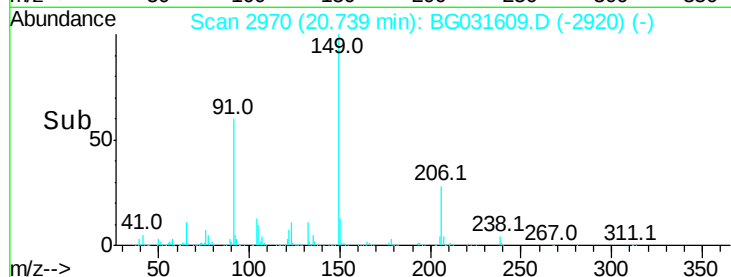
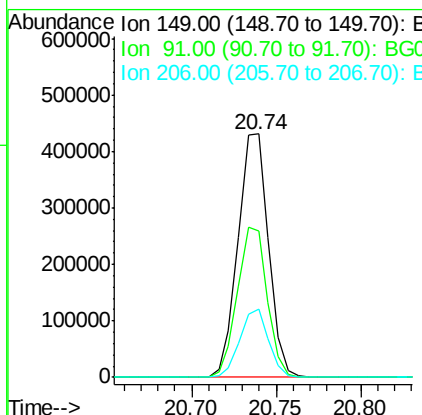
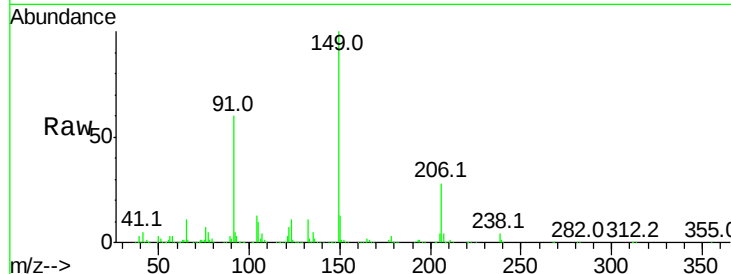




#79
Butylbenzylphthalate
Concen: 45.144 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

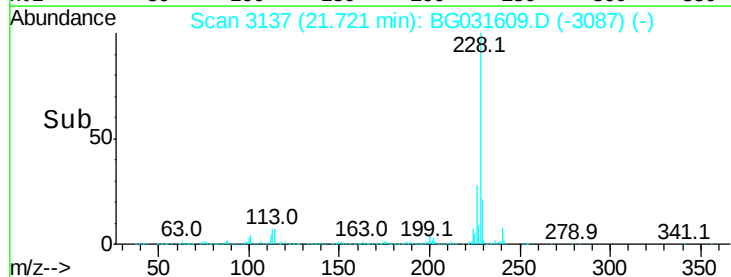
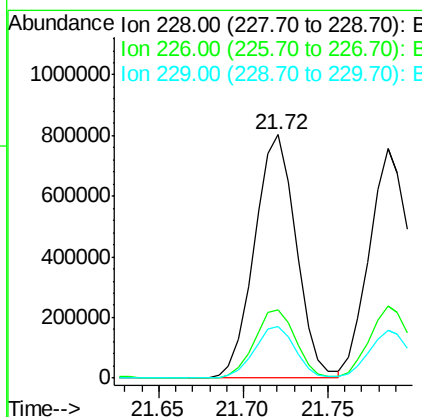
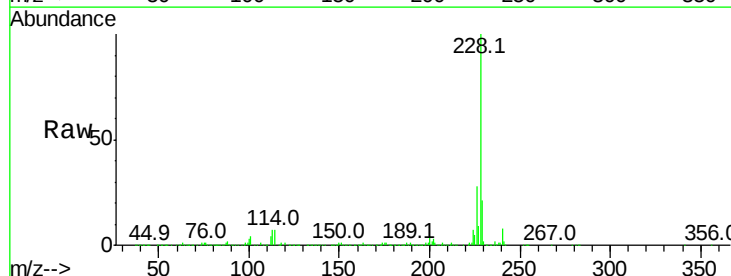
Instrument :
BNA_G
ClientSampled :

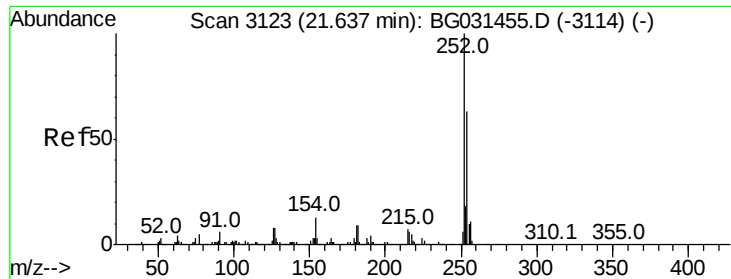
Tot Ion	Ratio	Lower	Upper
149	100		
91	60.0	62.2	93.2#
206	28.1	18.6	27.8#



#80
Benzo(a)anthracene
Concen: 41.103 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	21.3	16.2	24.2

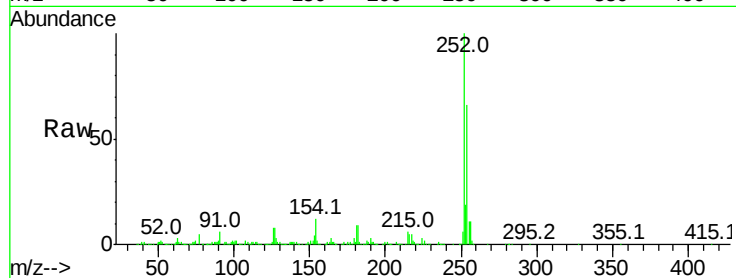




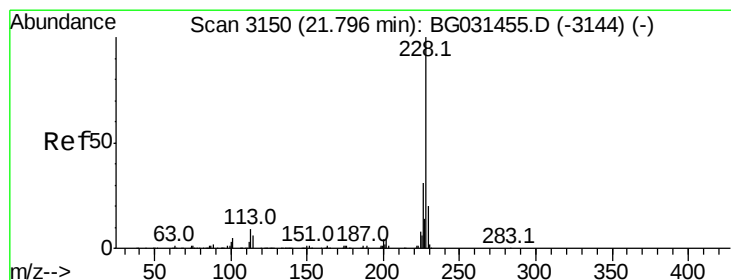
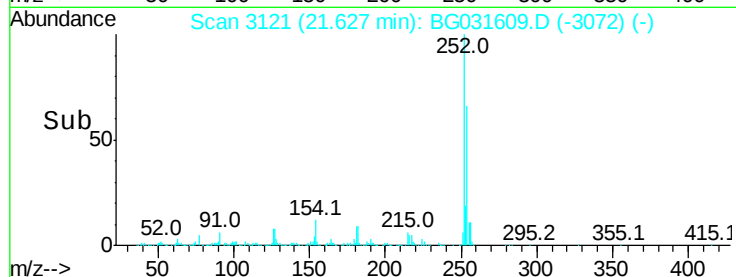
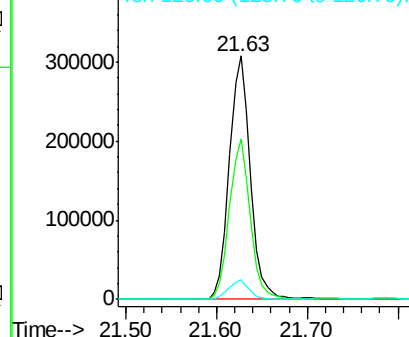
#81
 3,3'-Dichlorobenzidine
 Concen: 42.724 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 495498
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.8 76.2
 126 8.1 7.4 11.2

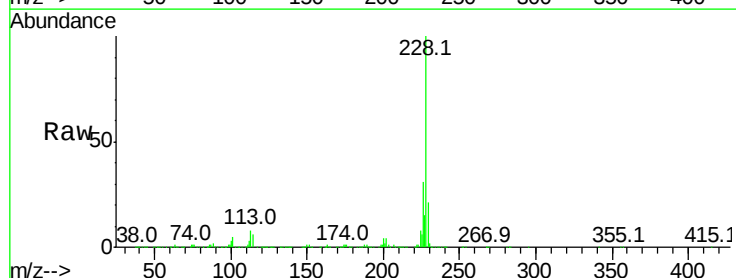


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

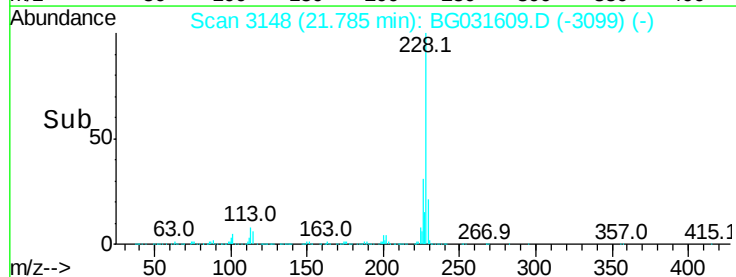
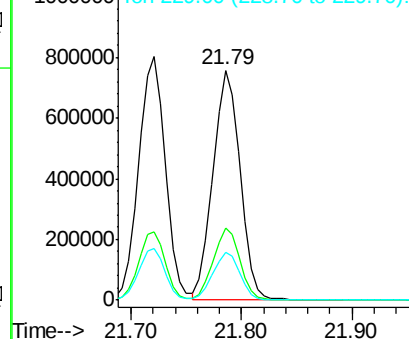


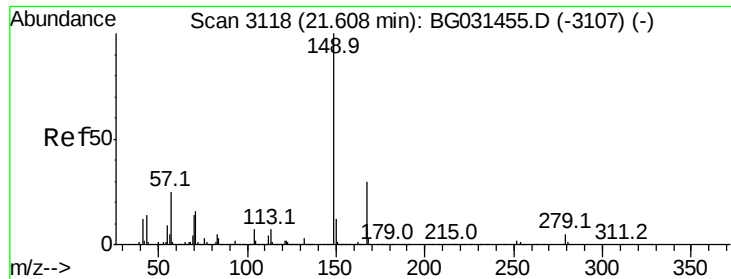
#82
 Chrysene
 Concen: 39.935 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Tgt Ion:228 Resp: 1275780
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 21.0 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.623 ng

RT: 21.59 min Scan# 3115

Delta R.T. -0.02 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

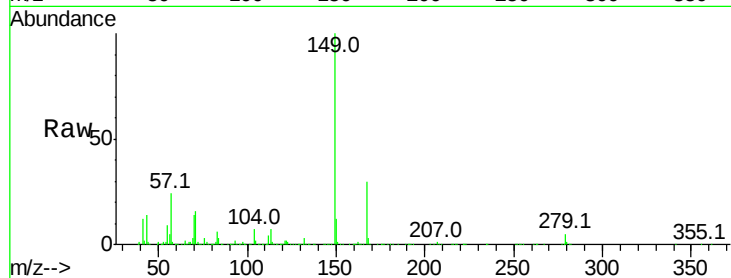
Tot Ion:149 Resp: 737984

Ion	Ratio	Lower	Upper
149	100		
167	30.5	24.3	36.5
279	5.1	4.0	6.0

149 100

167 30.5 24.3 36.5

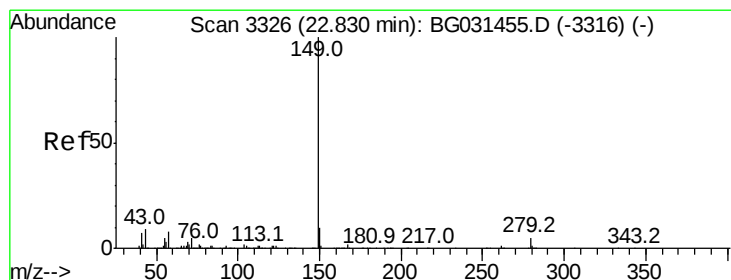
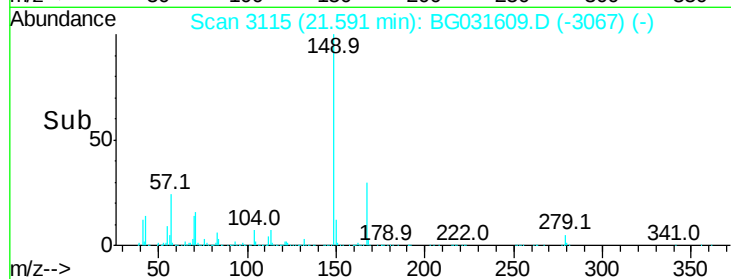
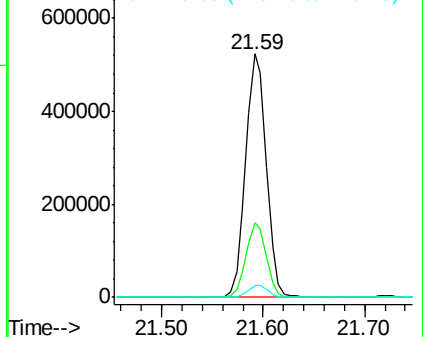
279 5.1 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.282 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.02 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

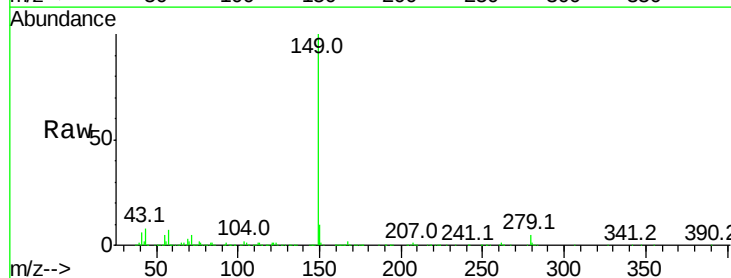
Tgt Ion:149 Resp: 1179015

Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	8.2	8.9	13.3

149 100

167 1.7 1.4 2.0

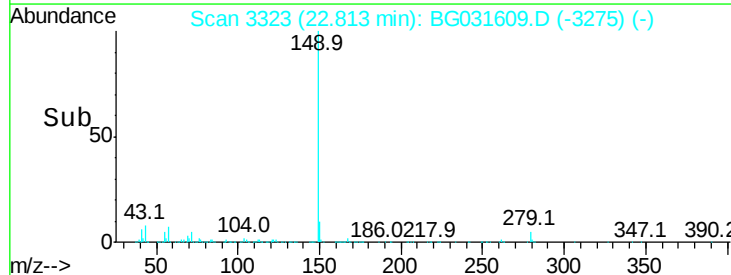
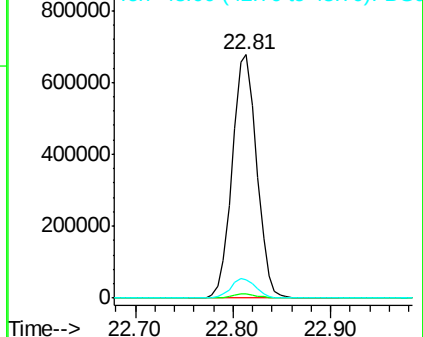
43 8.2 8.9 13.3

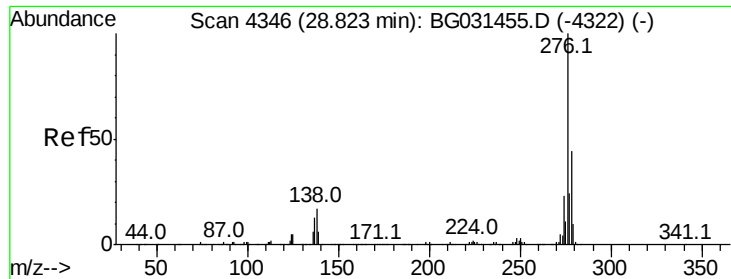


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



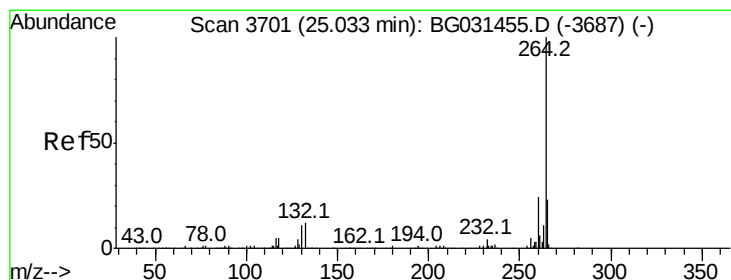
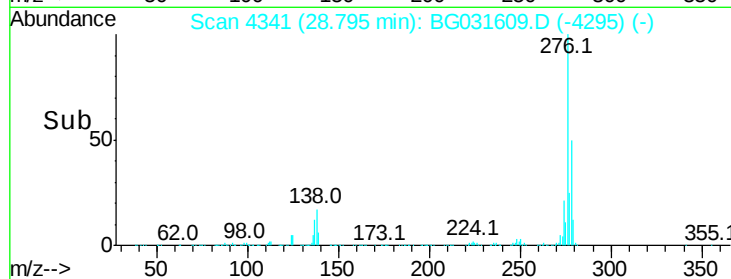
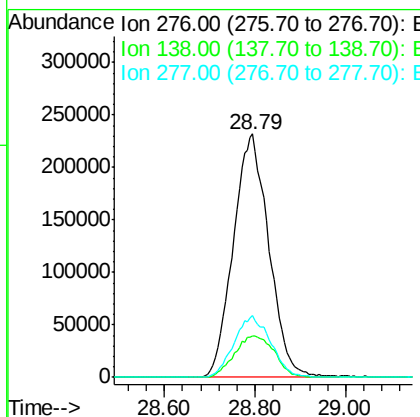
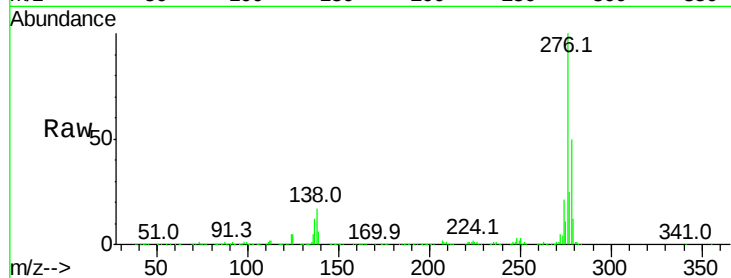


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.008 ng
 RT: 28.79 min Scan# 4341
 Delta R.T. -0.03 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1263483

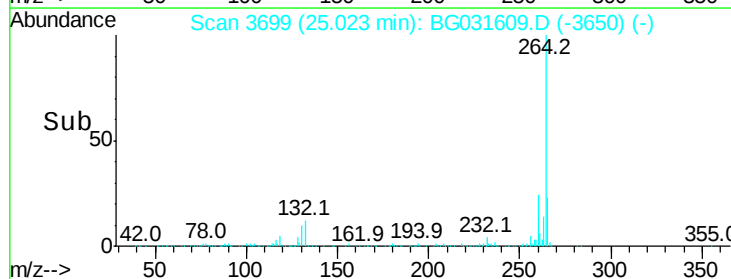
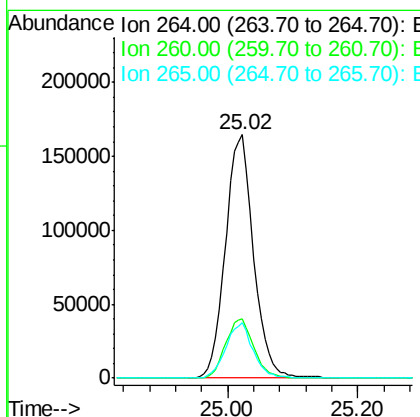
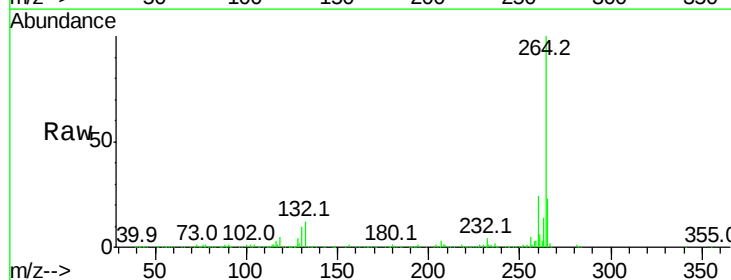
Ion	Ratio	Lower	Upper
276	100		
138	19.3	16.0	24.0
277	26.2	20.0	30.0

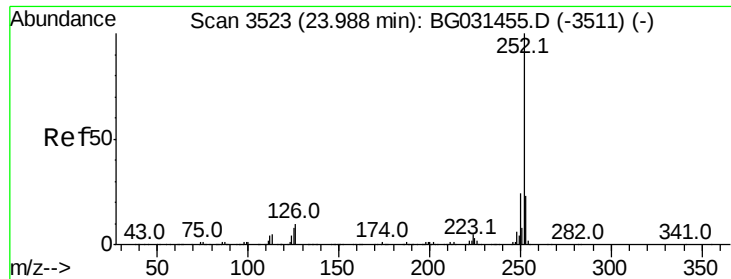


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BG031609.D
 Acq: 16 Dec 2017 4:21

Tgt Ion:264 Resp: 492504

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.9	17.7	26.5

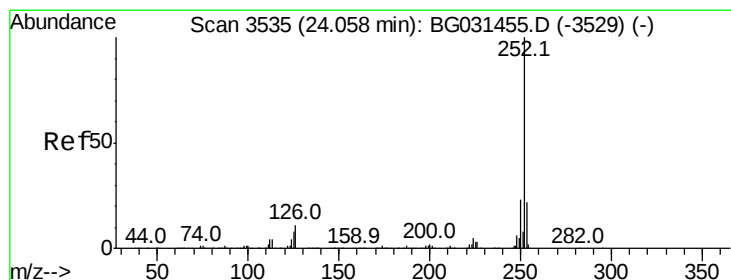
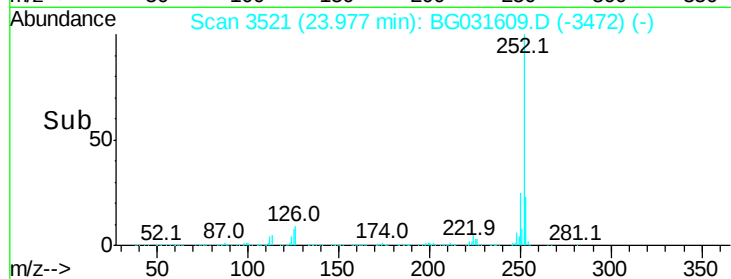
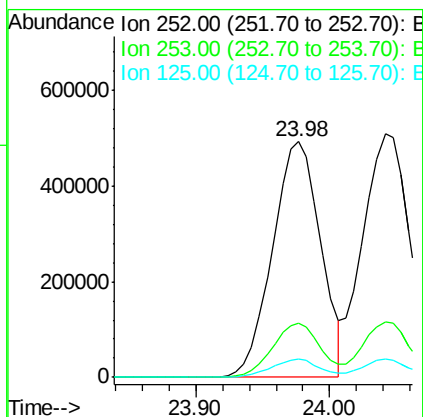
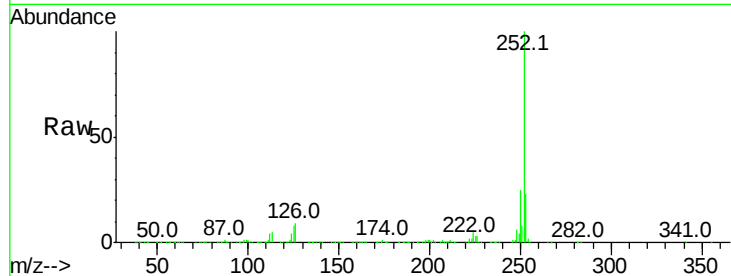




#87
Benzo(b)fluoranthene
Concen: 41.801 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

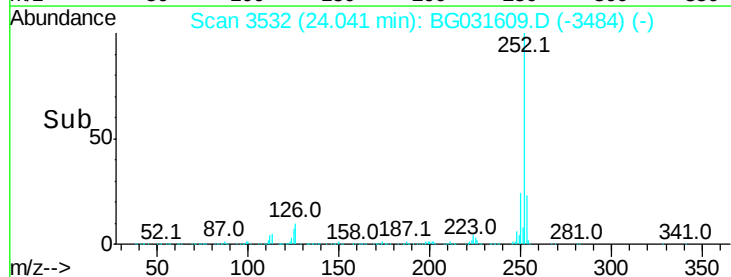
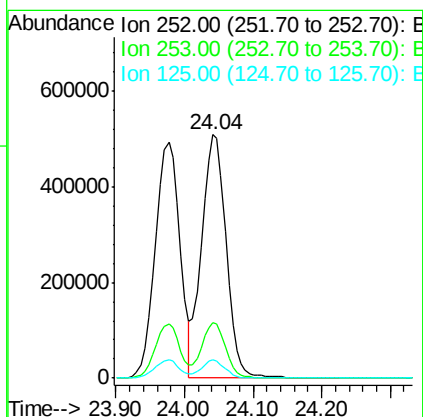
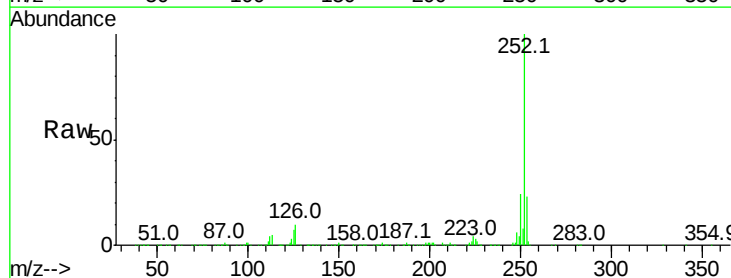
Instrument :
BNA_G
ClientSampleId :

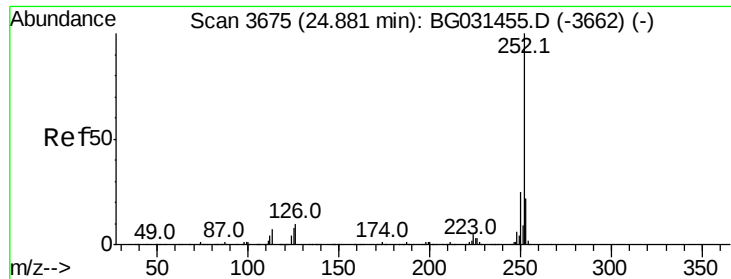
Tot Ion:252 Resp: 1230810
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 7.6 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 42.248 ng
RT: 24.04 min Scan# 3532
Delta R.T. -0.02 min
Lab File: BG031609.D
Acq: 16 Dec 2017 4:21

Tgt Ion:252 Resp: 1269473
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 7.3 6.6 9.8





#89

Benzo(a)pyrene

Concen: 41.609 ng

RT: 24.86 min Scan# 3672

Delta R.T. -0.02 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampled :

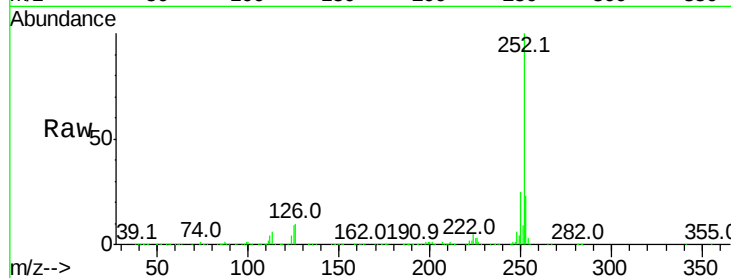
Tot Ion:252 Resp: 1162225

Ion Ratio Lower Upper

252 100

253 22.9 18.3 27.5

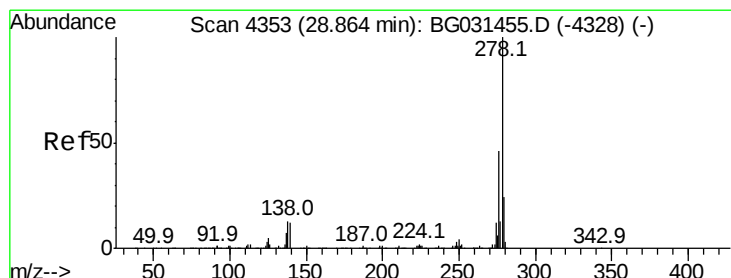
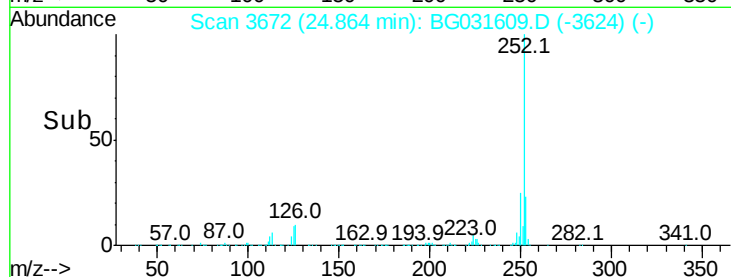
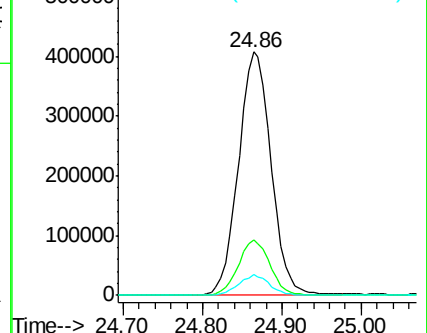
125 8.7 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.062 ng

RT: 28.82 min Scan# 4346

Delta R.T. -0.04 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

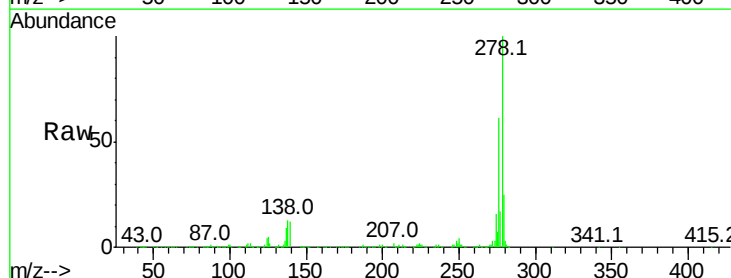
Tgt Ion:278 Resp: 1070065

Ion Ratio Lower Upper

278 100

139 11.8 9.8 14.6

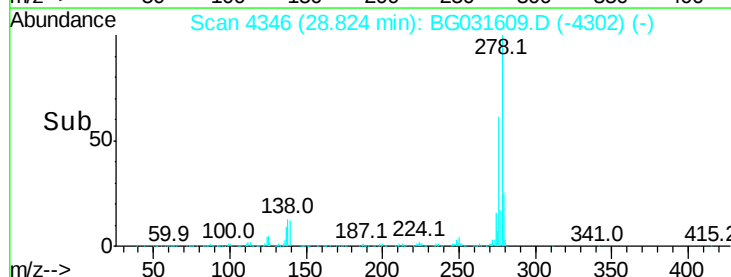
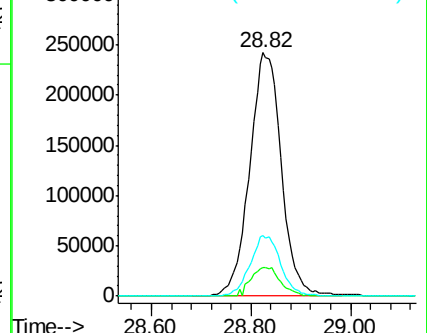
279 24.7 18.4 27.6

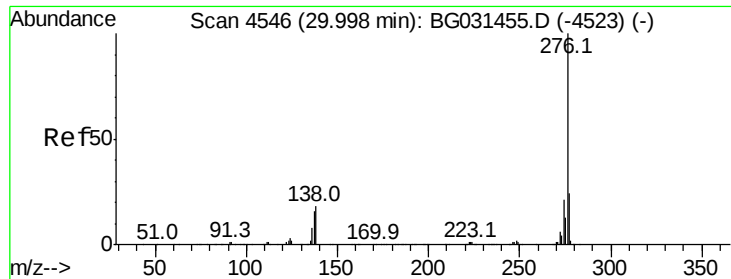


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 39.527 ng

RT: 29.96 min Scan# 4539

Delta R.T. -0.04 min

Lab File: BG031609.D

Acq: 16 Dec 2017 4:21

Instrument :

BNA_G

ClientSampleId :

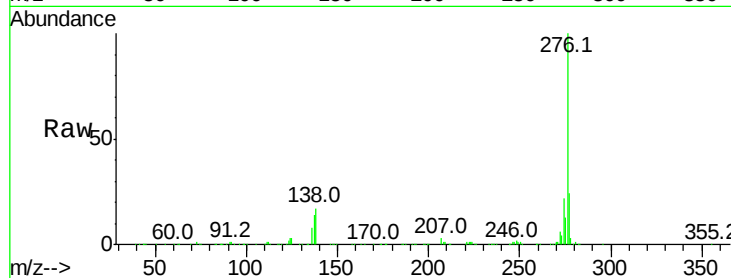
Tot Ion:276 Resp: 1037968

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 16.7 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

