

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
 Data File : BG031547.D
 Acq On : 14 Dec 2017 3:15
 Operator : SJ/JU
 Sample : PB104979BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 14 07:15:11 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	40624	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	181228	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	136209	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	417300	20.00	ng	0.00
75) Chrysene-d12	21.75	240	498729	20.00	ng	0.00
86) Perylene-d12	25.03	264	499562	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	252882	110.34	ng	0.00
7) Phenol-d6	7.28	99	338430	106.37	ng	0.00
23) Nitrobenzene-d5	9.27	82	286028	97.28	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	201913	126.53	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	892471	96.18	ng	0.00
78) Terphenyl-d14	20.07	244	1939853	88.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	35370	32.344	ng	83
3) Pyridine	3.92	79	97076	33.716	ng	85
4) n-Nitrosodimethylamine	3.83	42	47077	34.714	ng	# 89
6) Aniline	7.43	93	85652	20.442	ng	96
8) 2-Chlorophenol	7.68	128	116280	45.485	ng	92
9) Benzaldehyde	7.24	77	71973	39.026	ng	89
10) Phenol	7.31	94	148681	45.490	ng	91
11) bis(2-Chloroethyl)ether	7.52	93	98347	36.867	ng	88
12) 1,3-Dichlorobenzene	7.99	146	118565	39.000	ng	97
13) 1,4-Dichlorobenzene	8.14	146	119052	37.679	ng	98
14) 1,2-Dichlorobenzene	8.46	146	118134	39.250	ng	97
15) Benzyl Alcohol	8.35	79	94374	37.918	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.63	45	145099	48.416	ng	92
17) 2-Methylphenol	8.56	107	100655	45.178	ng	97
18) Hexachloroethane	9.19	117	40543	38.067	ng	92
19) n-Nitroso-di-n-propylamine	8.91	70	82027	32.755	ng	# 95
20) 3+4-Methylphenols	8.89	107	140410	42.305	ng	94
22) Acetophenone	8.93	105	170751	39.274	ng	# 92
24) Nitrobenzene	9.32	77	121916	40.464	ng	92
25) Isophorone	9.84	82	236613	42.582	ng	# 93
26) 2-Nitrophenol	10.04	139	65917	44.244	ng	# 84
27) 2,4-Dimethylphenol	10.09	122	118814	52.498	ng	91
28) bis(2-Chloroethoxy)methane	10.31	93	146381	40.804	ng	97
29) 2,4-Dichlorophenol	10.58	162	132418	49.661	ng	93
30) 1,2,4-Trichlorobenzene	10.78	180	138349	40.619	ng	95
31) Naphthalene	10.97	128	352219	39.561	ng	99
32) Benzoic acid	10.25	122	29741	28.541	ng	# 71
33) 4-Chloroaniline	11.10	127	35843	9.272	ng	# 92
34) Hexachlorobutadiene	11.25	225	86020	38.074	ng	99
35) Caprolactam	11.85	113	61679	58.909	ng	# 74
36) 4-Chloro-3-methylphenol	12.21	107	141653	46.540	ng	# 87
37) 2-Methylnaphthalene	12.57	142	284466	41.266	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	191035	35.886	ng	97
40) Hexachlorocyclopentadiene	12.91	237	99051	61.458	ng	89

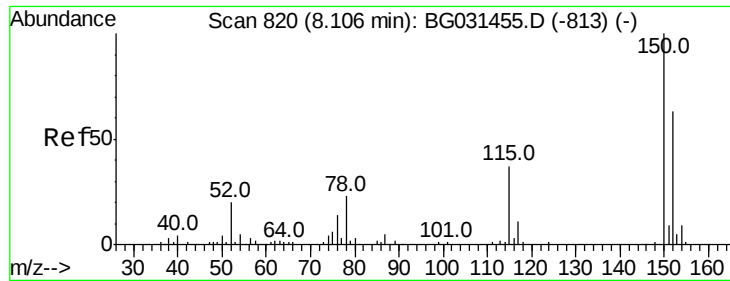
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121317\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	120548	44.323	ng	99
43) 2,4,5-Trichlorophenol	13.26	196	136294	46.521	ng	# 93
45) 1,1'-Biphenyl	13.56	154	421670	37.692	ng	99
46) 2-Chloronaphthalene	13.62	162	325647	39.770	ng	95
47) 2-Nitroaniline	13.82	65	97399	42.331	ng	# 84
48) Acenaphthylene	14.46	152	508099	38.564	ng	98
49) Dimethylphthalate	14.18	163	489207	43.382	ng	100
50) 2,6-Dinitrotoluene	14.30	165	110078	45.669	ng	# 73
51) Acenaphthene	14.79	154	314446	37.744	ng	97
52) 3-Nitroaniline	14.64	138	47218	19.217	ng	# 76
53) 2,4-Dinitrophenol	14.87	184	23918	30.139	ng	# 46
54) Dibenzofuran	15.13	168	550126	41.381	ng	97
55) 4-Nitrophenol	14.97	139	156505	93.635	ng	# 83
56) 2,4-Dinitrotoluene	15.10	165	168429	49.198	ng	# 75
57) Fluorene	15.78	166	455086	42.723	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.36	232	143596	52.144	ng	# 91
59) Diethylphthalate	15.53	149	515912	45.642	ng	99
60) 4-Chlorophenyl-phenylether	15.76	204	265816	40.788	ng	90
61) 4-Nitroaniline	15.81	138	126568	49.086	ng	85
62) Azobenzene	16.05	77	388344	41.474	ng	92
64) 4,6-Dinitro-2-methylphenol	15.87	198	48462	22.133	ng	78
65) n-Nitrosodiphenylamine	15.98	169	444330	36.377	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	182833	37.678	ng	97
67) Hexachlorobenzene	16.78	284	189189	37.756	ng	95
68) Atrazine	16.92	200	211734	47.408	ng	97
69) Pentachlorophenol	17.13	266	143567	61.049	ng	97
70) Phenanthrene	17.52	178	863722	39.631	ng	99
71) Anthracene	17.61	178	895871	41.563	ng	99
72) Carbazole	17.88	167	871624	44.685	ng	99
73) Di-n-butylphthalate	18.42	149	1010555	44.863	ng	99
74) Fluoranthene	19.52	202	1219054	44.696	ng	98
76) Benzidine	19.69	184	468147	40.335	ng	98
77) Pyrene	19.88	202	1257812	40.589	ng	97
79) Butylbenzylphthalate	20.74	149	462834	42.574	ng	85
80) Benzo(a)anthracene	21.73	228	1223609	40.648	ng	98
81) 3,3'-Dichlorobenzidine	21.64	252	264866	25.281	ng	97
82) Chrysene	21.79	228	1161261	40.240	ng	97
83) Bis(2-ethylhexyl)phthalate	21.60	149	651164	41.633	ng	100
84) Di-n-octyl phthalate	22.82	149	1109720	43.013	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.82	276	1343107	43.549	ng	99
87) Benzo(b)fluoranthene	23.99	252	1223057	40.951	ng	99
88) Benzo(k)fluoranthene	24.06	252	1189710	39.034	ng	98
89) Benzo(a)pyrene	24.88	252	1189050	41.968	ng	97
90) Dibenzo(a,h)anthracene	28.86	278	1125981	41.560	ng	97
91) Benzo(g,h,i)perylene	29.99	276	1136777	42.678	ng	98

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

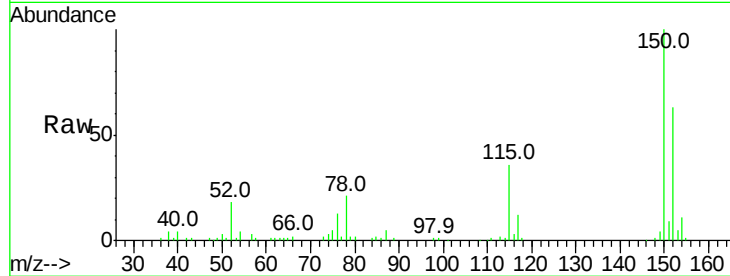


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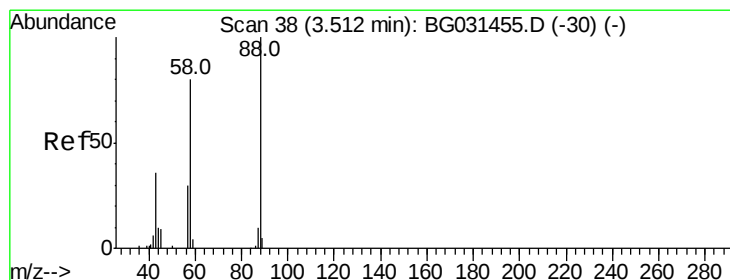
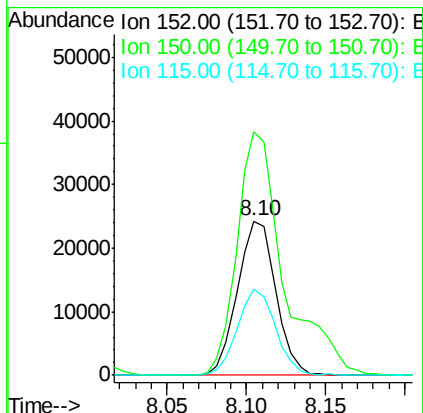
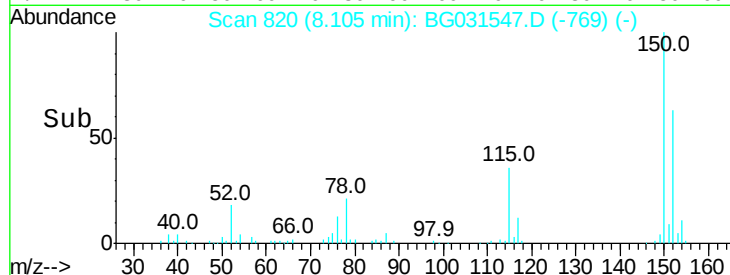
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 40624
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 56.1 53.0 79.4



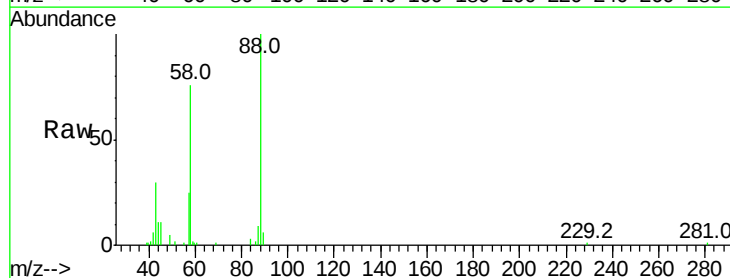
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



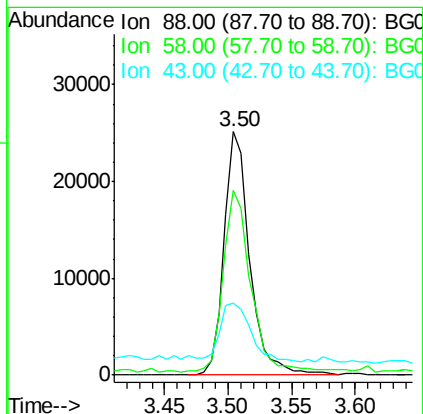
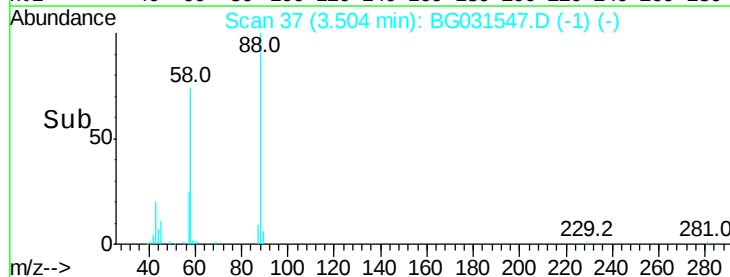
#2

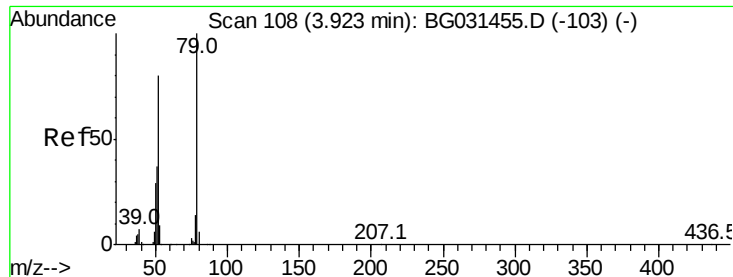
1,4-Dioxane
Concen: 32.344 ng
RT: 3.50 min Scan# 37
Delta R.T. -0.01 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion: 88 Resp: 35370
Ion Ratio Lower Upper
88 100
58 79.9 79.6 119.4
43 28.5 27.4 41.0



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





#3

Pvridine

Concen: 33.716 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

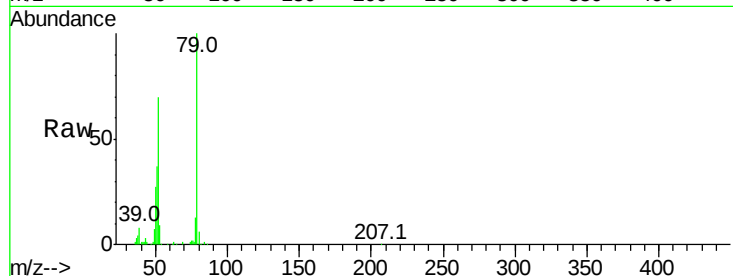
Tot Ion: 79 Resp: 97076

Ion Ratio Lower Upper

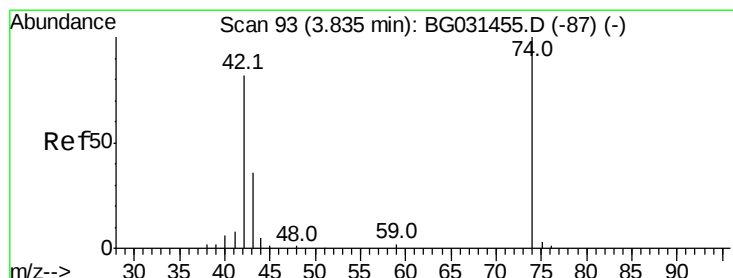
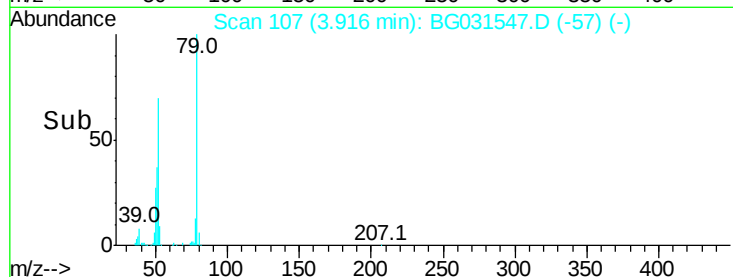
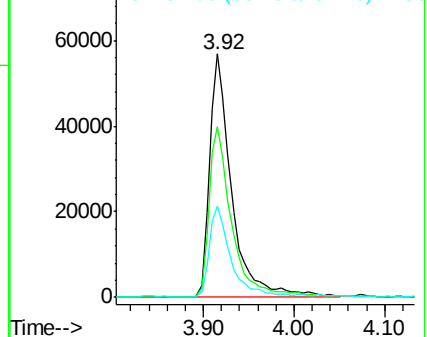
79 100

52 70.0 69.9 104.9

51 37.3 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 34.714 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

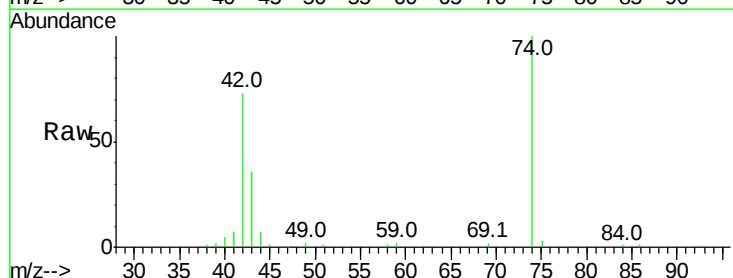
Tgt Ion: 42 Resp: 47077

Ion Ratio Lower Upper

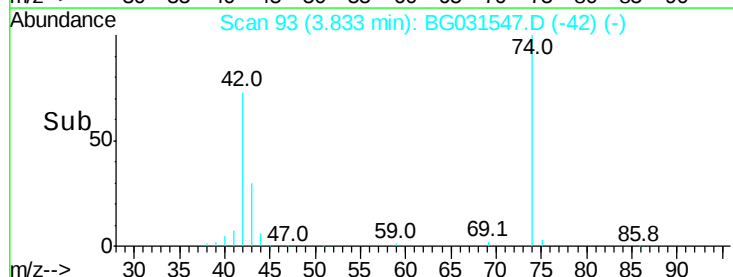
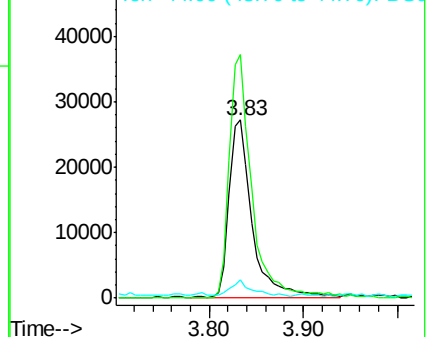
42 100

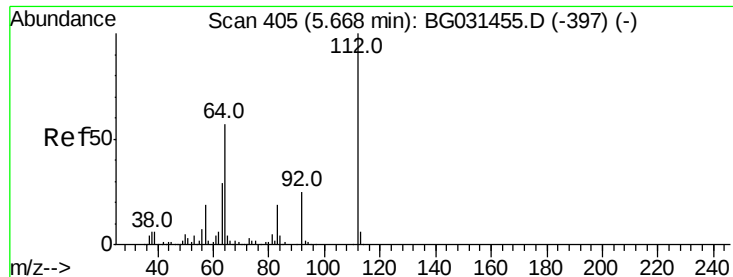
74 136.7 102.5 153.7

44 10.2 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 110.338 ng

RT: 5.67 min Scan# 405

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

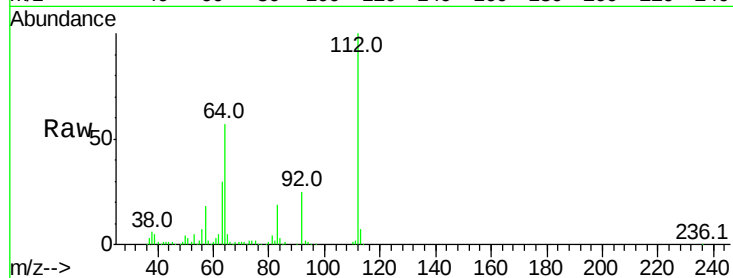
Tot Ion:112 Resp: 252882

Ion Ratio Lower Upper

112 100

64 57.1 56.3 84.5

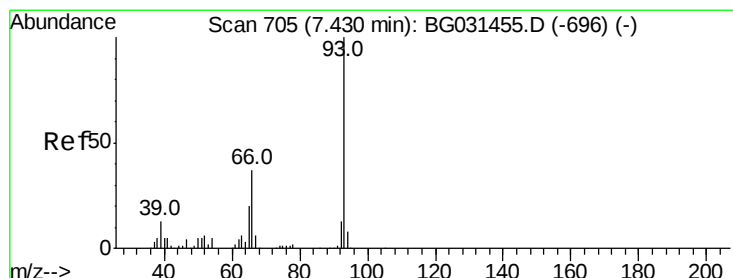
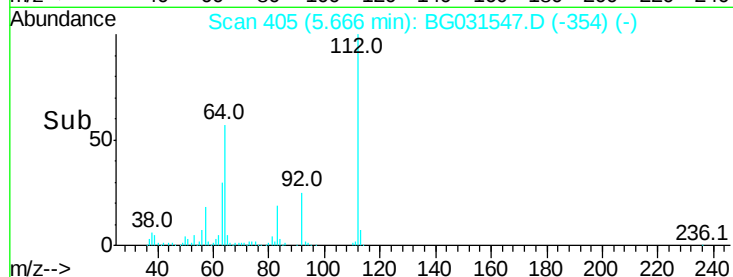
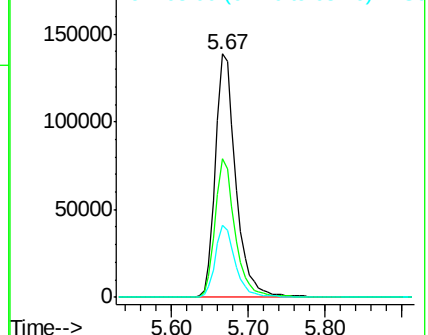
63 29.5 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.442 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

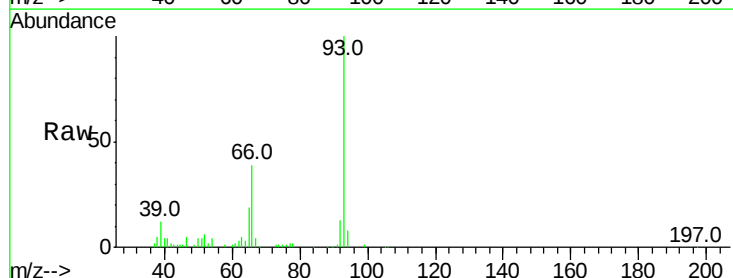
Tgt Ion: 93 Resp: 85652

Ion Ratio Lower Upper

93 100

66 38.7 33.7 50.5

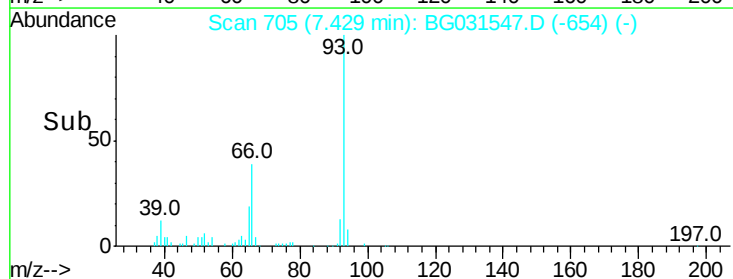
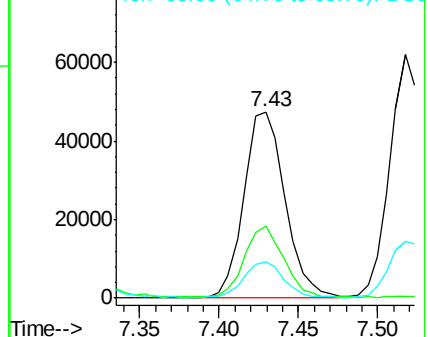
65 19.3 16.1 24.1

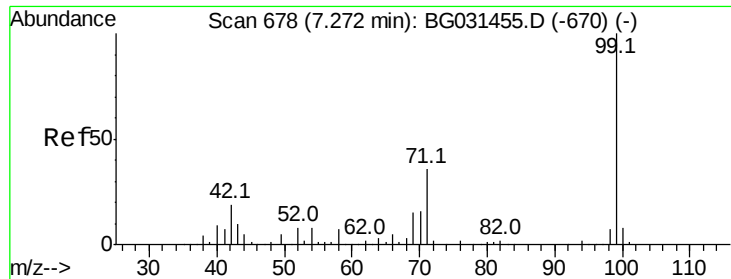


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 106.369 ng

RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

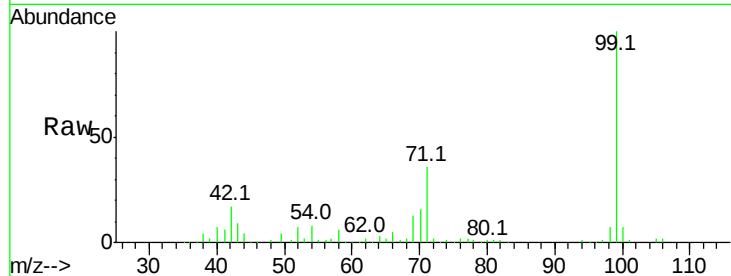
Tot Ion: 99 Resp: 338430

Ion Ratio Lower Upper

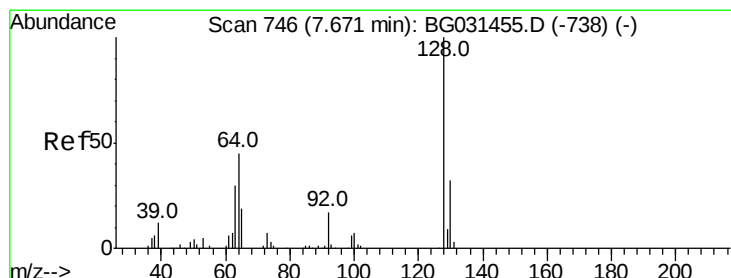
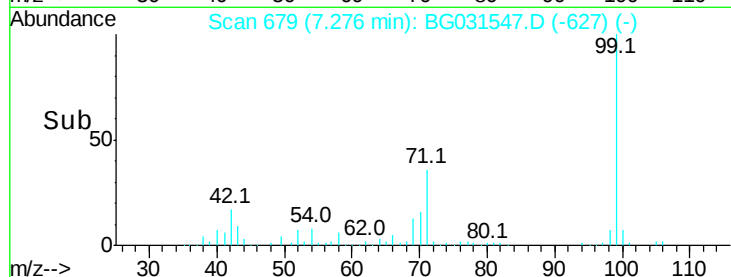
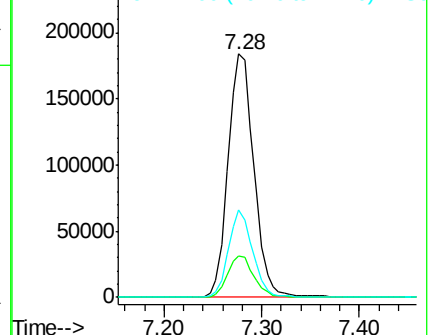
99 100

42 16.8 14.1 21.1

71 35.7 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: 45.485 ng

RT: 7.68 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

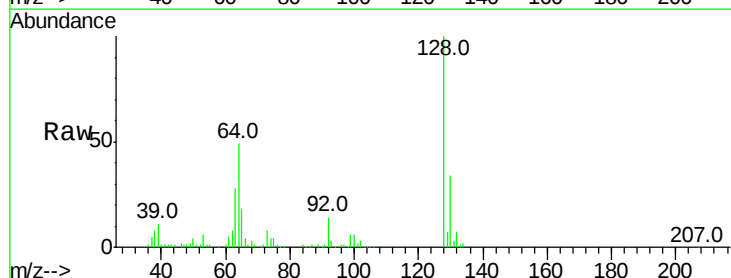
Tgt Ion: 128 Resp: 116280

Ion Ratio Lower Upper

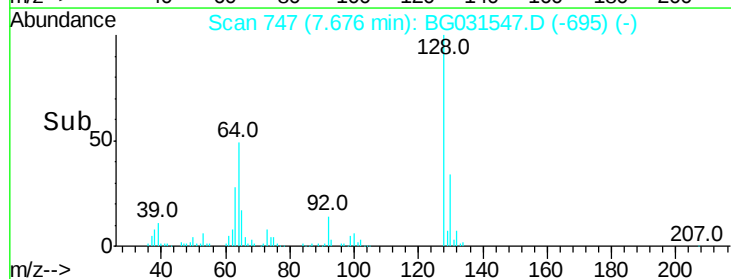
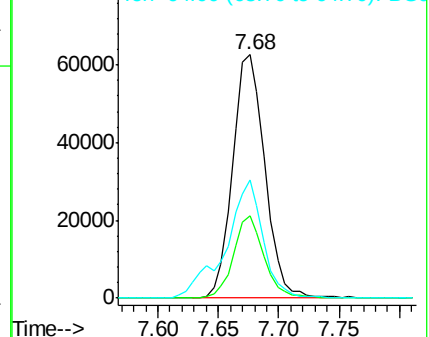
128 100

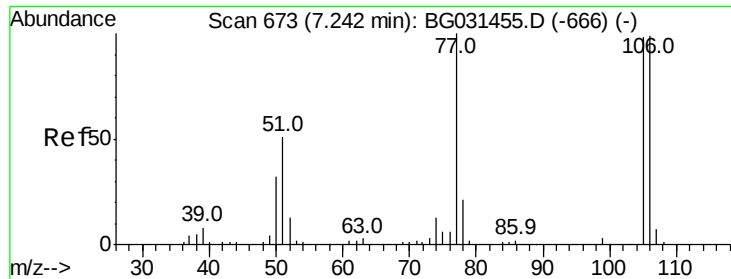
130 33.8 14.0 54.0

64 48.5 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

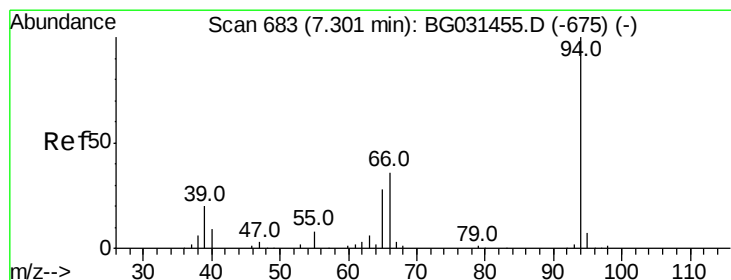
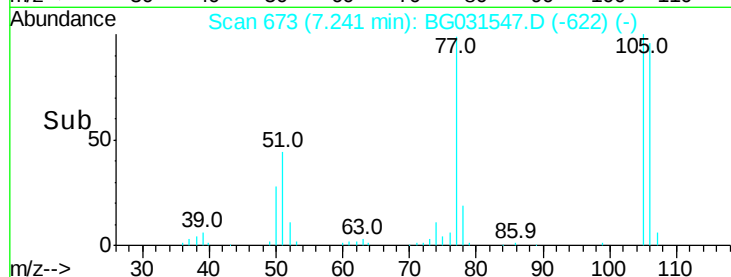
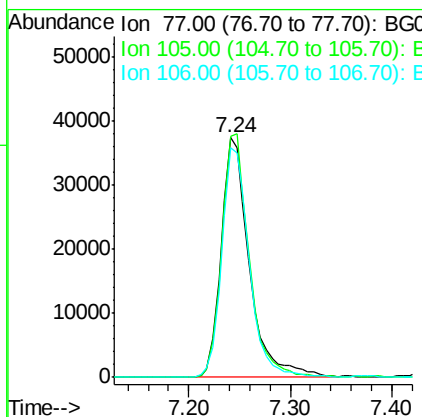
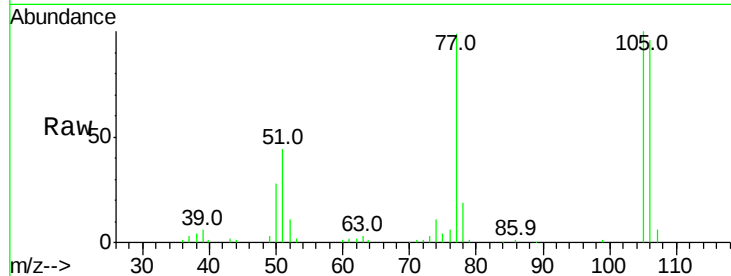




#9
Benzaldehyde
Concen: 39.026 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

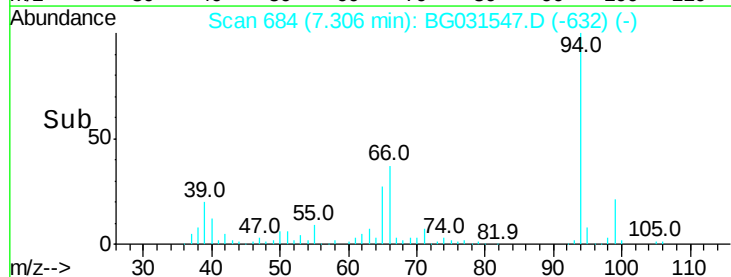
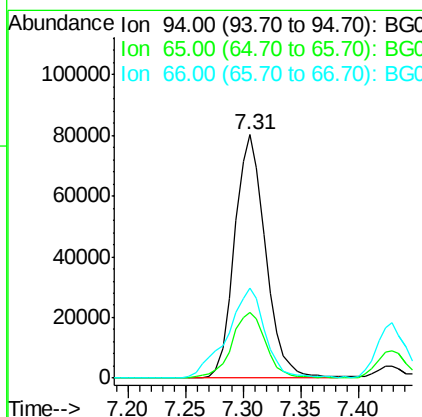
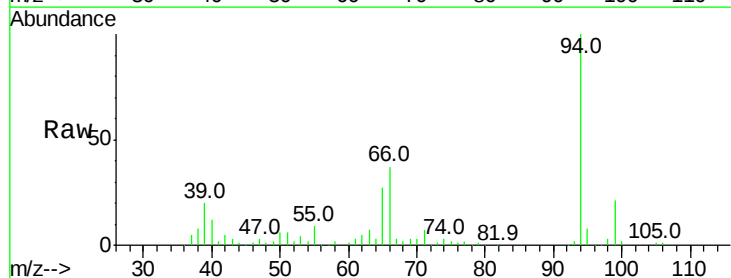
Instrument :
BNA_G
ClientSampled :

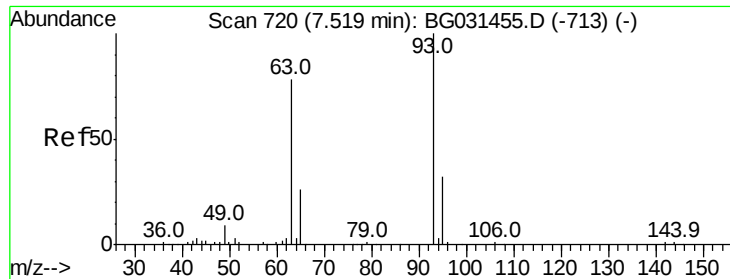
Tot Ion: 77 Resp: 71973
Ion Ratio Lower Upper
77 100
105 100.6 71.3 111.3
106 96.1 64.2 104.2



#10
Phenol
Concen: 45.490 ng
RT: 7.31 min Scan# 684
Delta R.T. 0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion: 94 Resp: 148681
Ion Ratio Lower Upper
94 100
65 27.1 11.9 51.9
66 36.8 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 36.867 ng

RT: 7.52 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

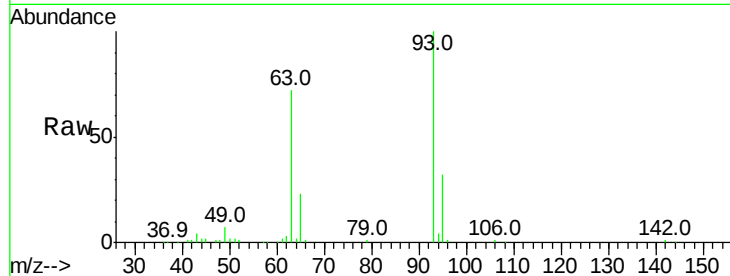
Tot Ion: 93 Resp: 98347

Ion Ratio Lower Upper

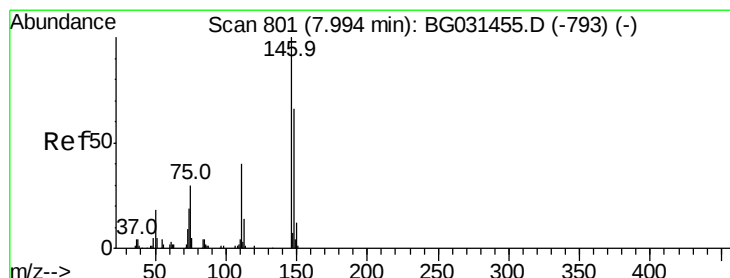
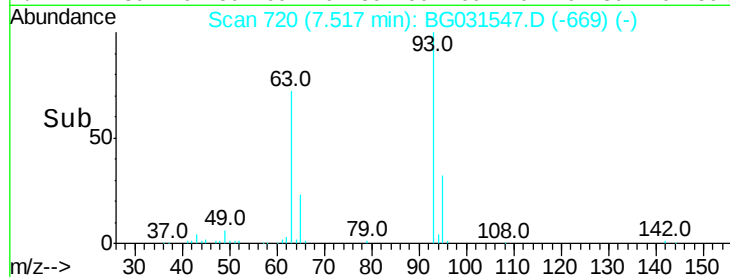
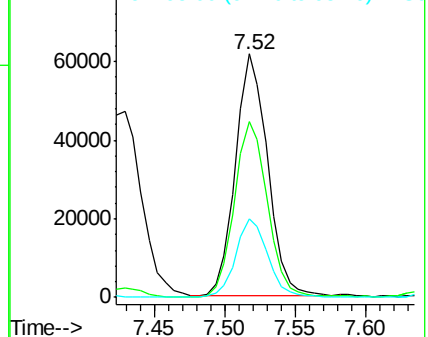
93 100

63 72.2 67.1 107.1

95 32.2 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 39.000 ng

RT: 7.99 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

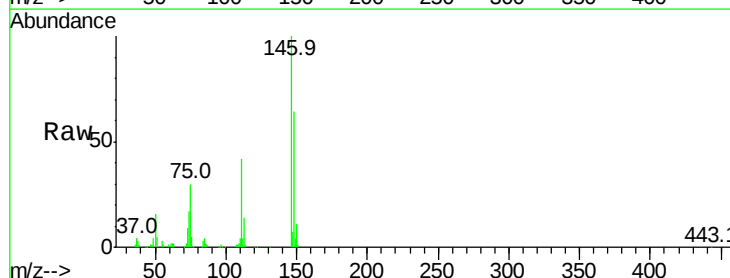
Tgt Ion:146 Resp: 118565

Ion Ratio Lower Upper

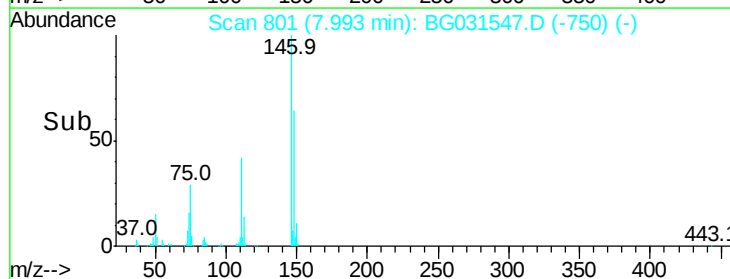
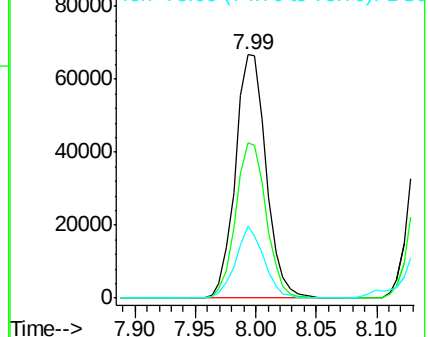
146 100

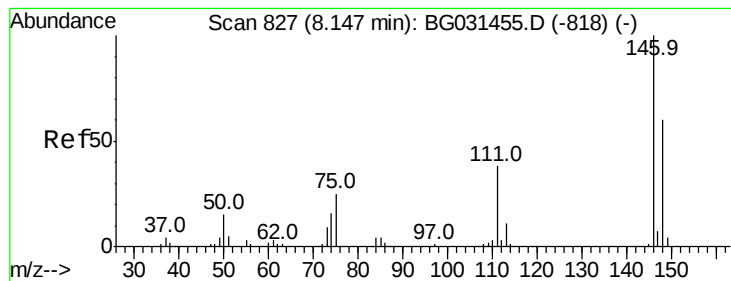
148 63.6 51.4 77.2

75 29.7 26.6 39.8



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





#13

1,4-Dichlorobenzene

Concen: 37.679 ng

RT: 8.14 min Scan# 826

Delta R.T. -0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

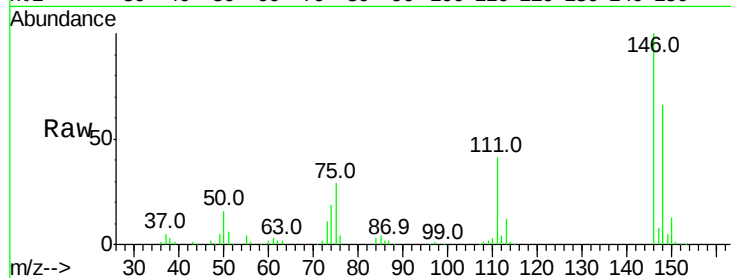
Tot Ion:146 Resp: 119052

Ion Ratio Lower Upper

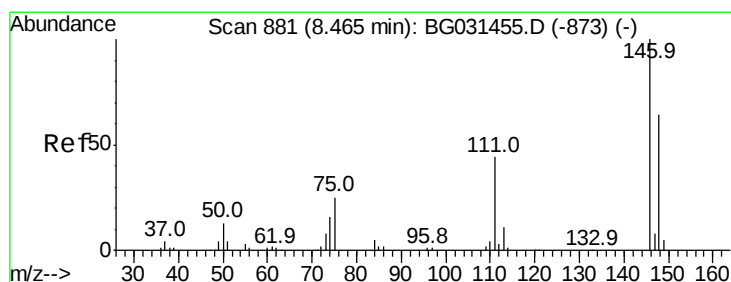
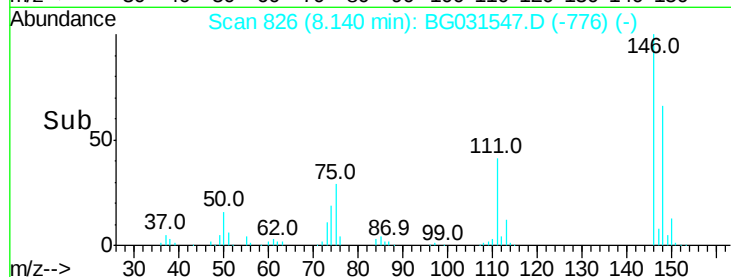
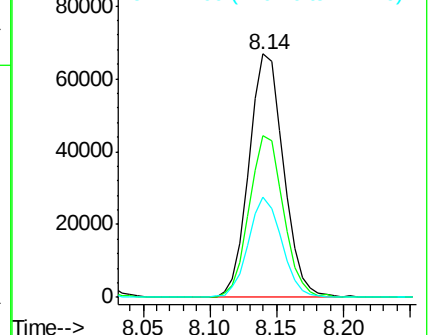
146 100

148 66.3 53.7 80.5

111 41.1 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: 39.250 ng

RT: 8.46 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

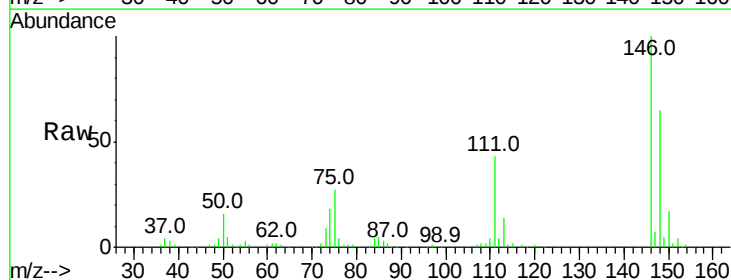
Tgt Ion:146 Resp: 118134

Ion Ratio Lower Upper

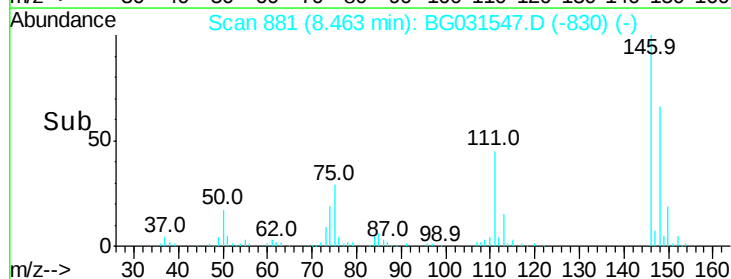
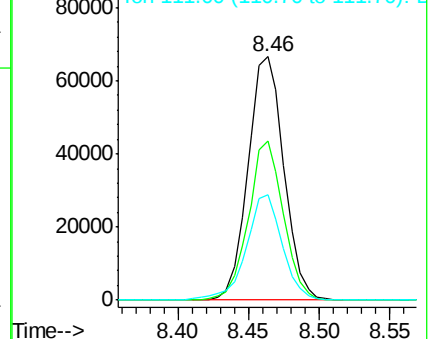
146 100

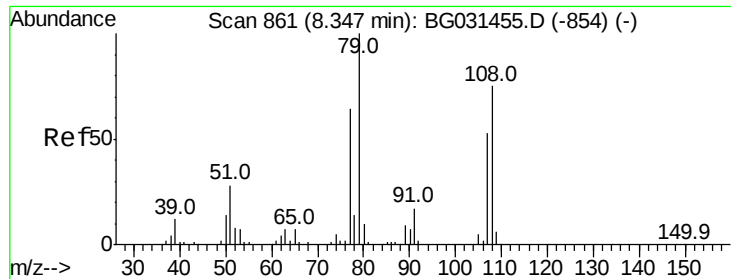
148 65.1 49.3 73.9

111 43.1 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: 37.918 ng

RT: 8.35 min Scan# 862

Delta R.T. 0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

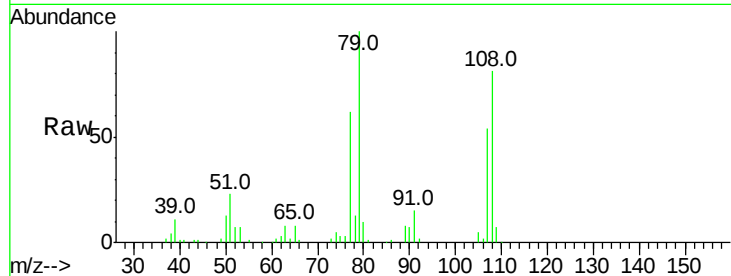
Tot Ion: 79 Resp: 94374

Ion Ratio Lower Upper

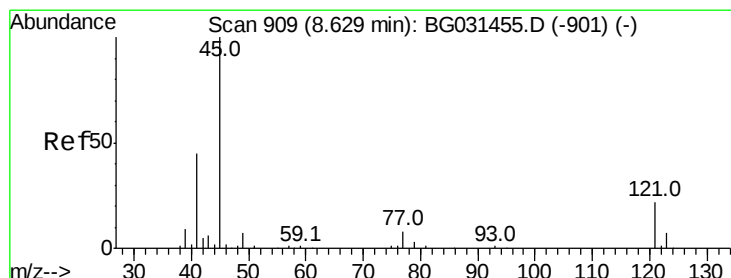
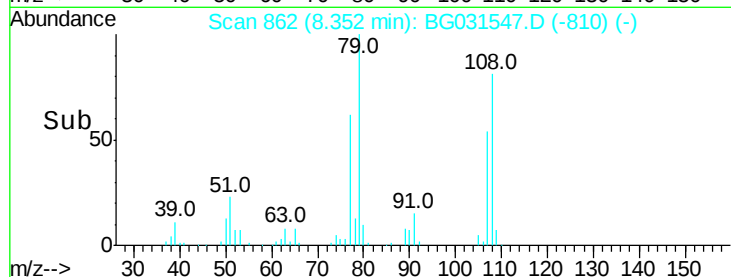
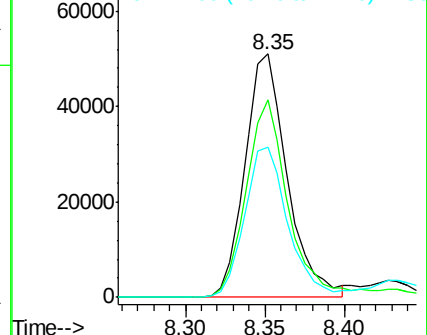
79 100

108 81.3 57.2 85.8

77 61.7 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.416 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

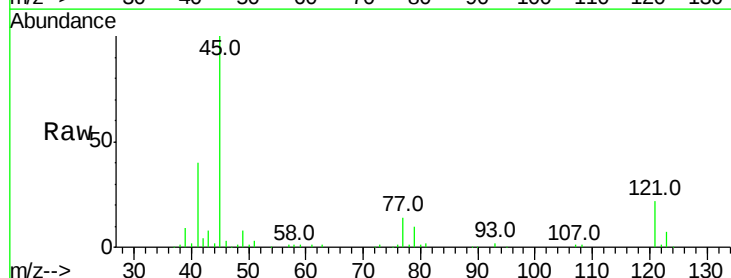
Tgt Ion: 45 Resp: 145099

Ion Ratio Lower Upper

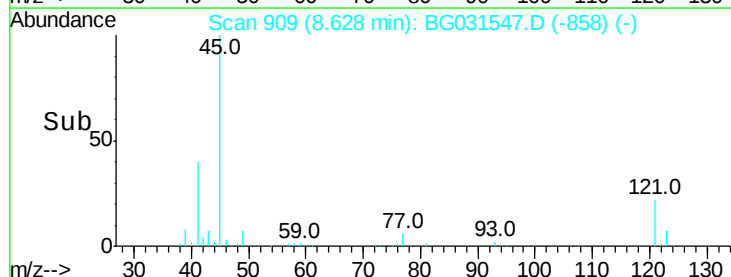
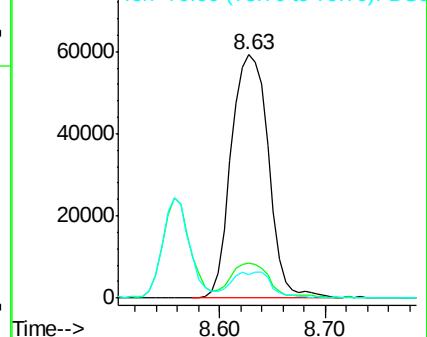
45 100

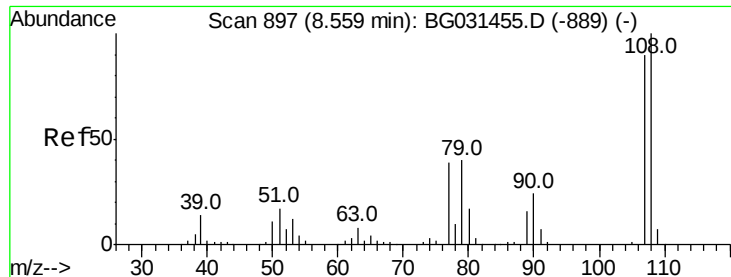
77 14.4 0.0 30.2

79 9.6 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

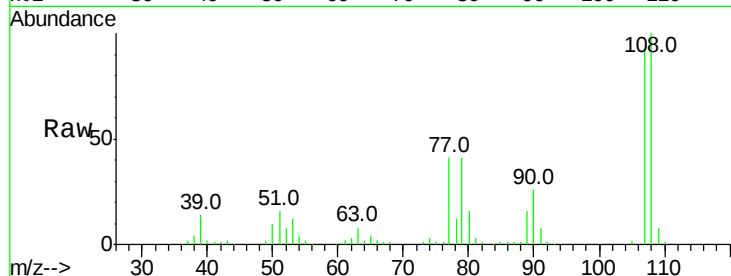




#17
2-Methylphenol
Concen: 45.178 ng
RT: 8.56 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.8	83.9	125.9
77	44.0	37.2	55.8
79	44.0	36.2	54.2



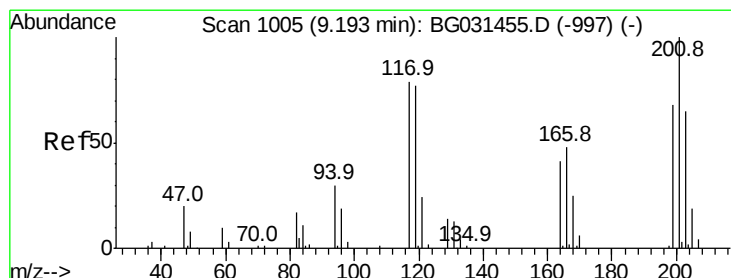
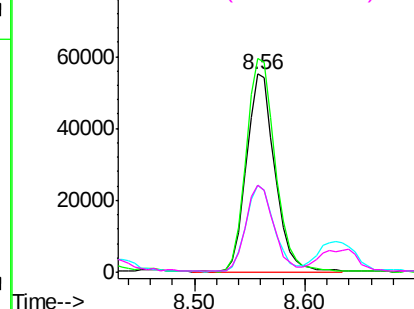
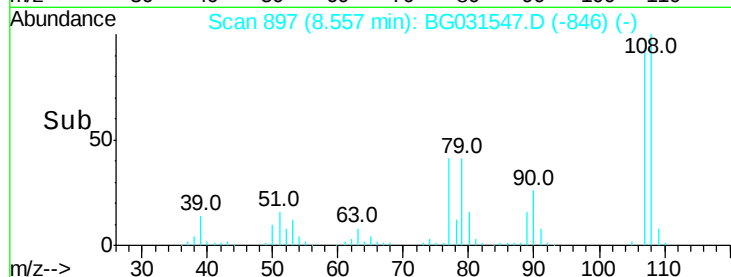
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

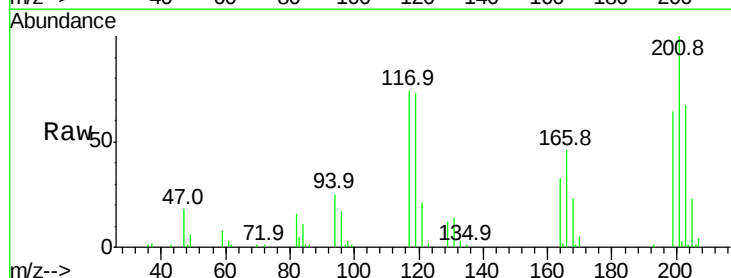
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 38.067 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.7	115.1
201	134.6	95.7	143.5

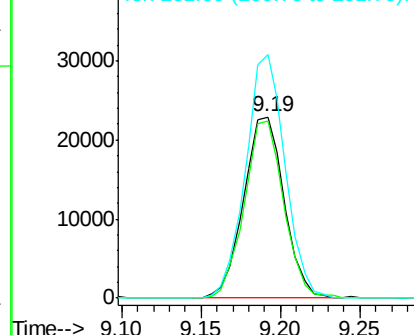
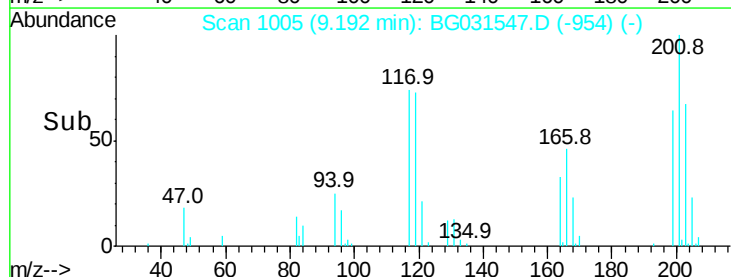


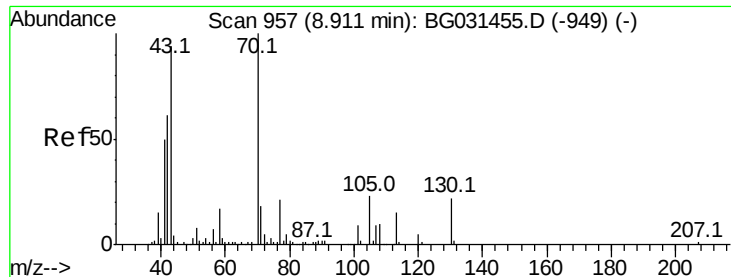
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

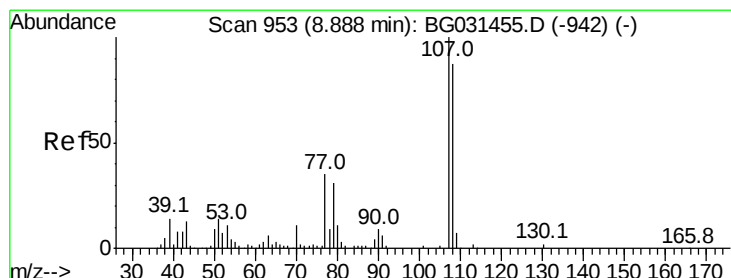
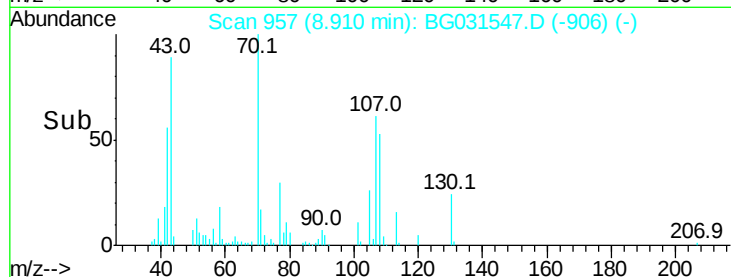
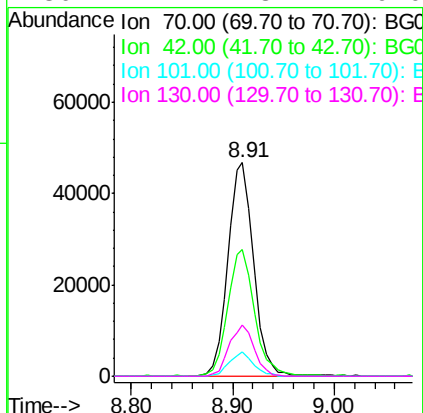
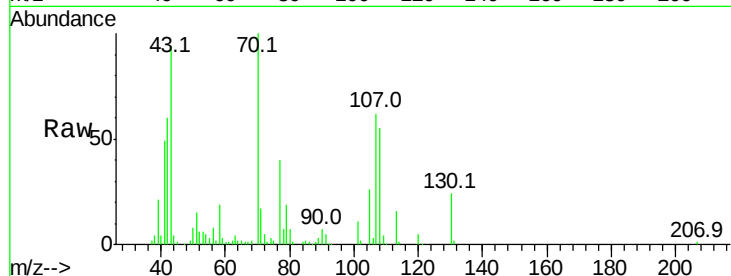




#19
n-Nitroso-di-n-propylamine
Concen: 32.755 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

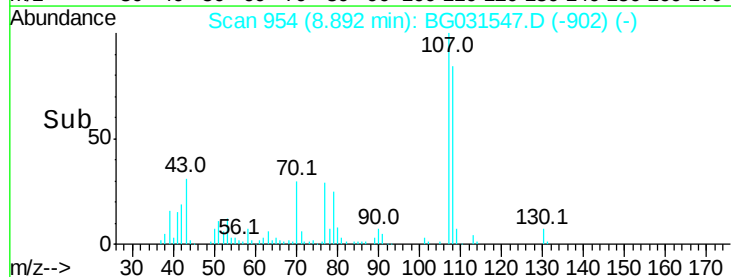
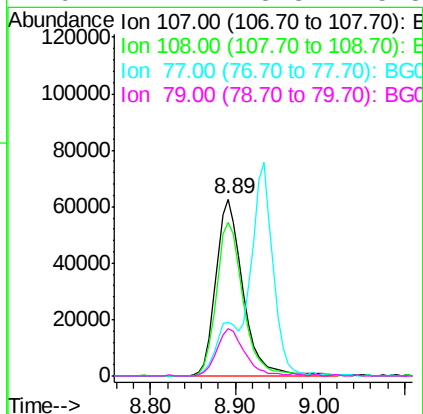
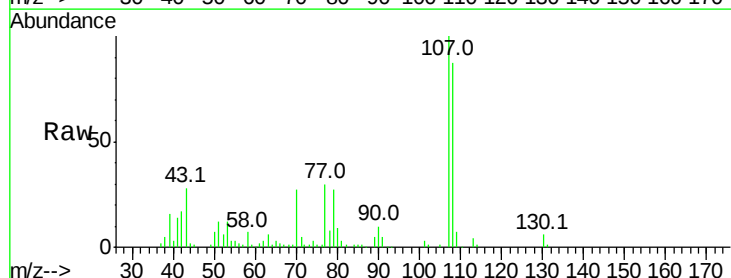
Instrument :
BNA_G
ClientSampleId :

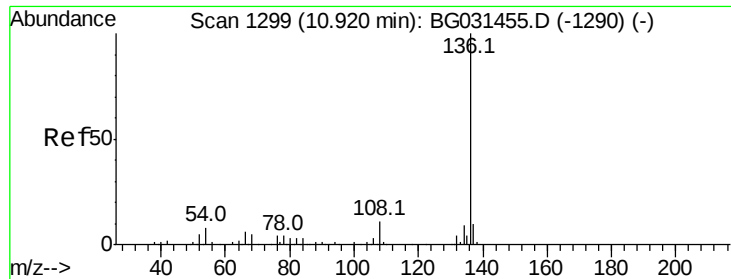
Tot Ion: 70 Resp: 82027
Ion Ratio Lower Upper
70 100
42 59.6 49.1 73.7
101 11.3 8.5 12.7
130 24.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 42.305 ng
RT: 8.89 min Scan# 954
Delta R.T. 0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:107 Resp: 140410
Ion Ratio Lower Upper
107 100
108 87.1 61.6 101.6
77 30.2 13.9 53.9
79 27.1 8.8 48.8

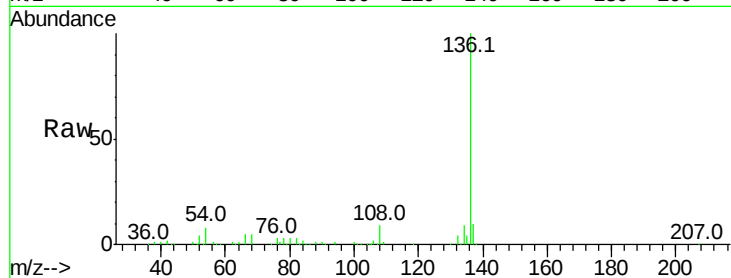




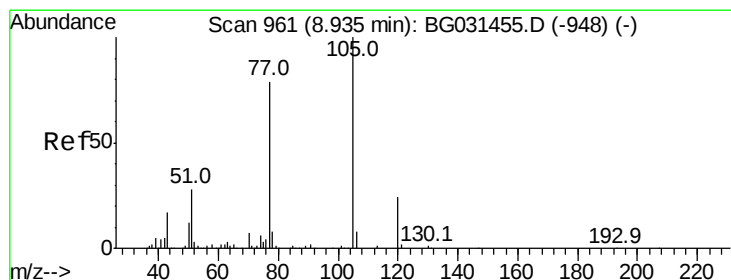
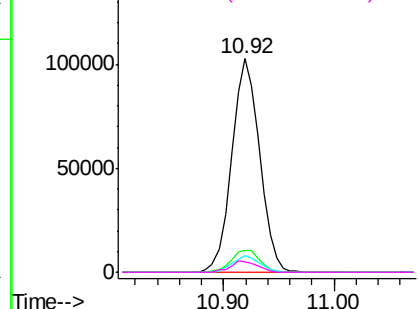
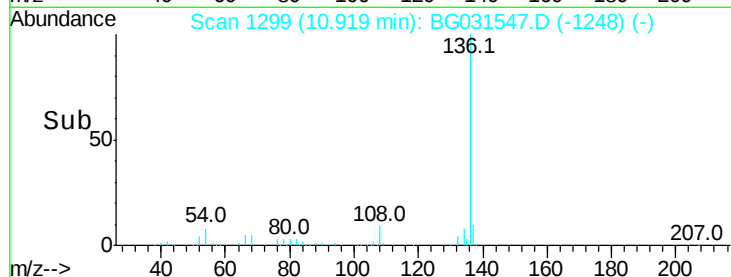
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.92 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp: 181228
Ion Ratio	Lower Upper
136 100	
137 10.1	9.2 13.8
54 7.9	10.3 15.5#
68 4.8	4.5 6.7

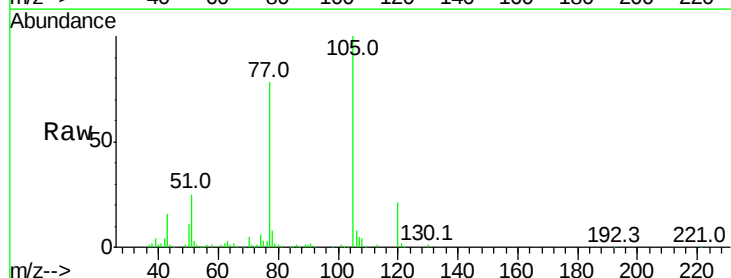


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

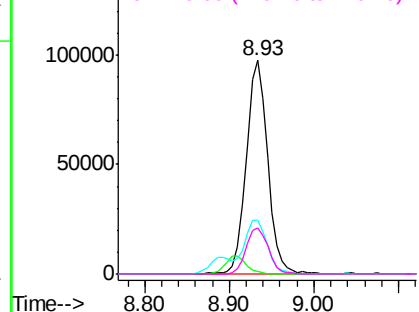
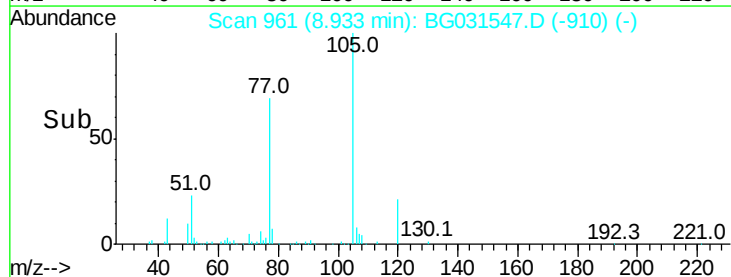


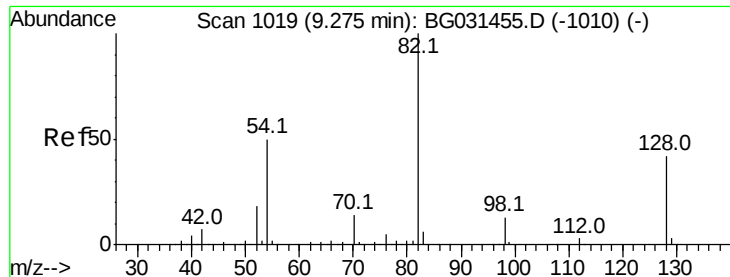
#22
Acetophenone
Concen: 39.274 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:105	Resp: 170751
Ion Ratio	Lower Upper
105 100	
71 1.0	3.0 4.4#
51 25.3	26.1 39.1#
120 21.3	17.4 26.2



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

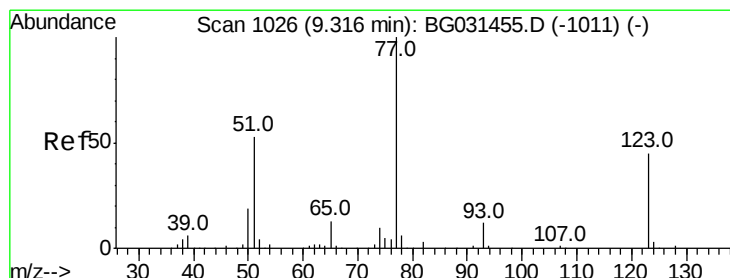
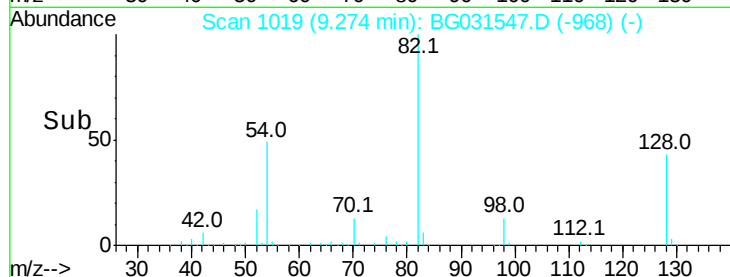
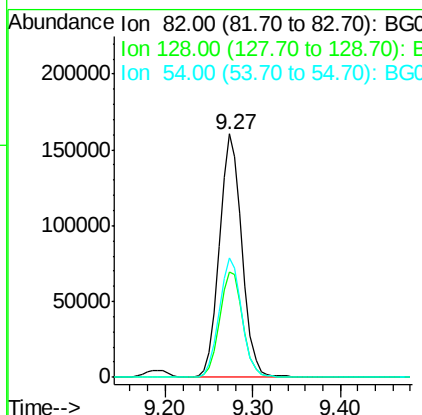
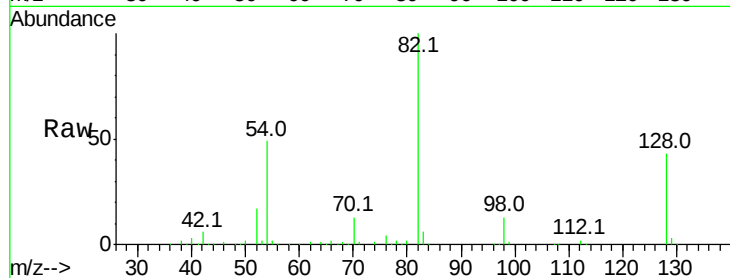




#23
 Nitrobenzene-d5
 Concen: 97.280 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

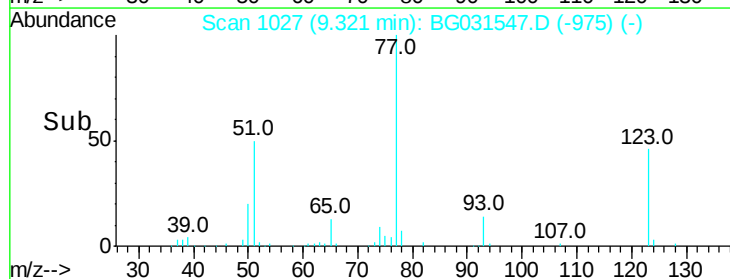
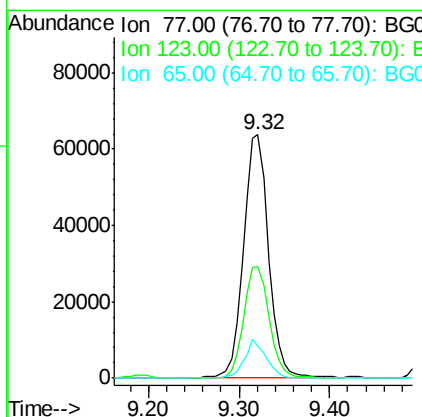
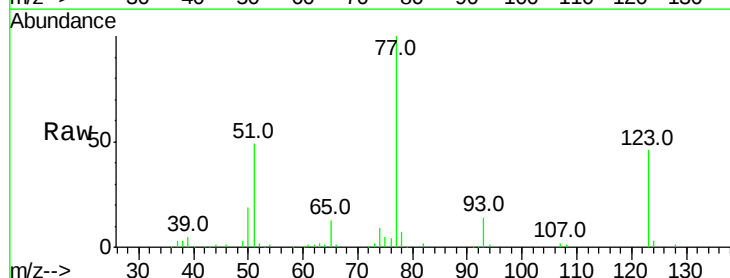
Instrument :
 BNA_G
 ClientSampled :

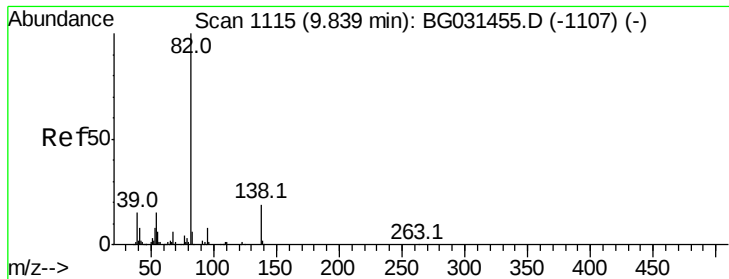
Tot Ion	82	Resp	286028
Ion	Ratio	Lower	Upper
82	100		
128	43.2	29.7	44.5
54	49.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 40.464 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	77	Resp	121916
Ion	Ratio	Lower	Upper
77	100		
123	46.0	33.0	49.6
65	13.1	13.0	19.6





#25

Isophorone

Concen: 42.582 ng

RT: 9.84 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

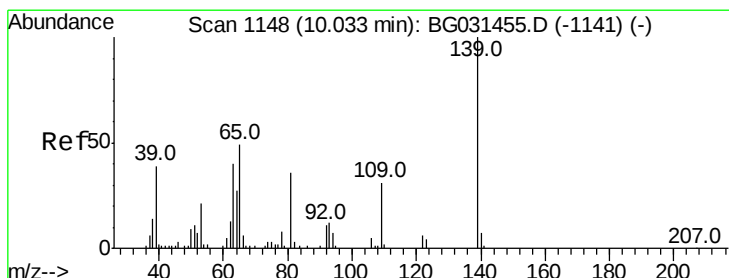
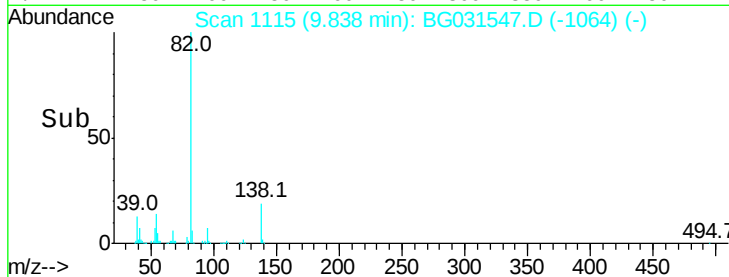
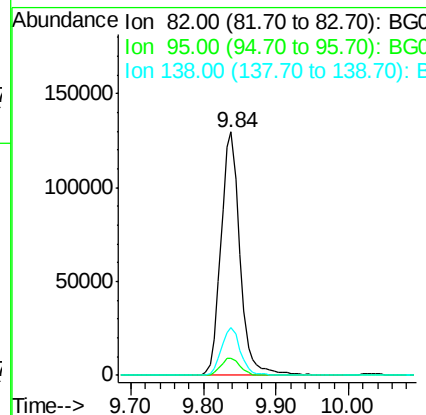
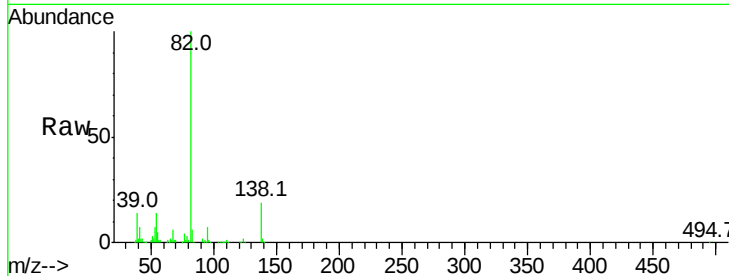
Tot Ion: 82 Resp: 236613

Ion Ratio Lower Upper

82 100

95 7.2 6.2 9.2

138 19.4 12.1 18.1#



#26

2-Nitrophenol

Concen: 44.244 ng

RT: 10.04 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

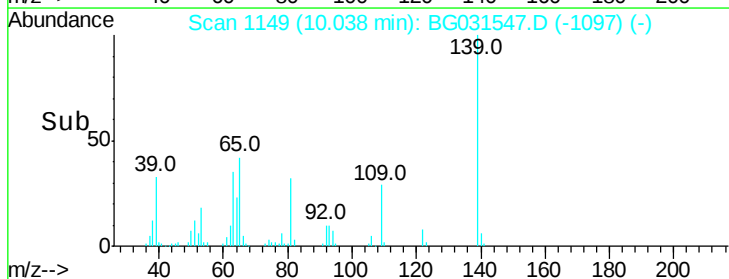
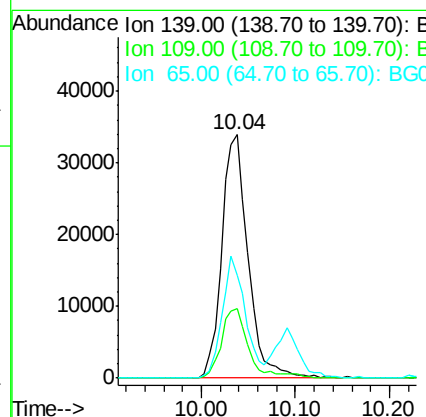
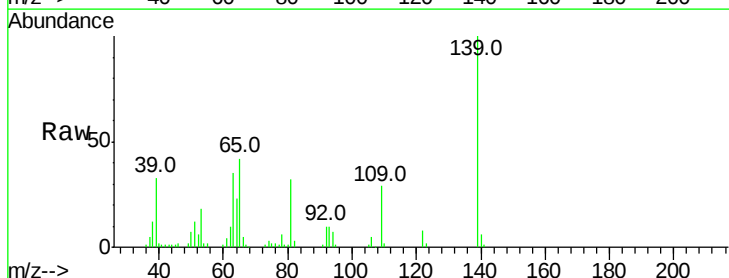
Tgt Ion: 139 Resp: 65917

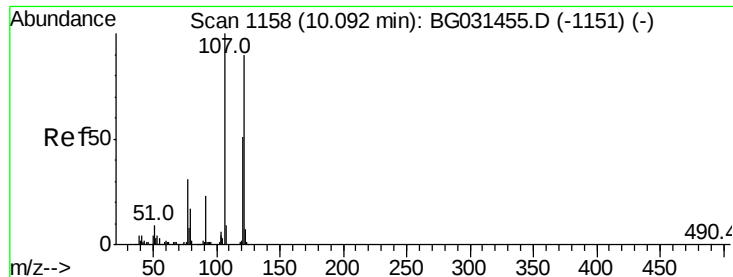
Ion Ratio Lower Upper

139 100

109 28.7 24.2 36.2

65 42.4 47.4 71.0#

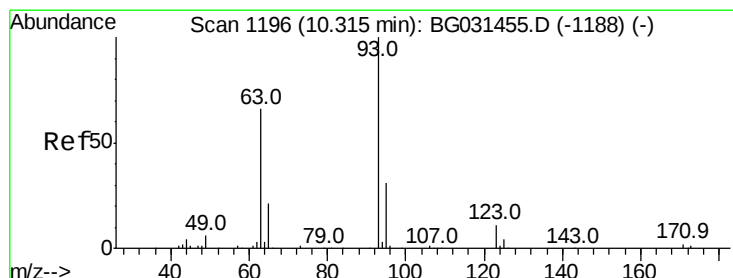
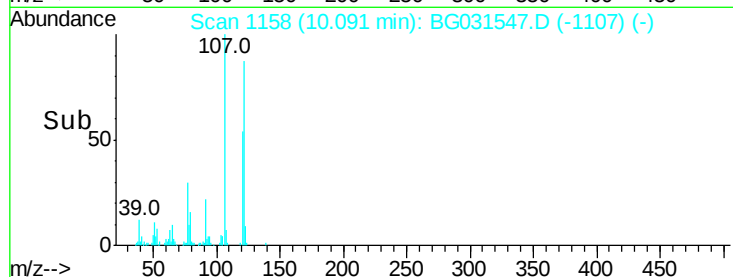
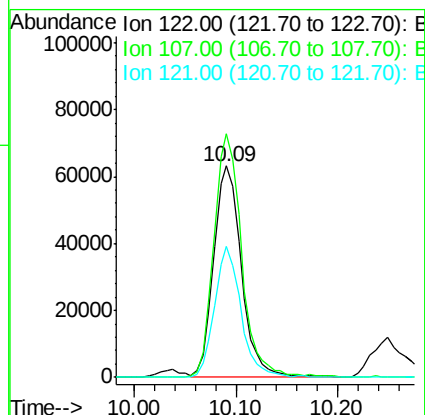
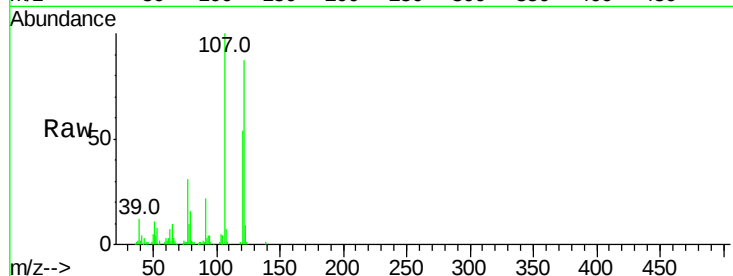




#27
2,4-Dimethylphenol
Concen: 52.498 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

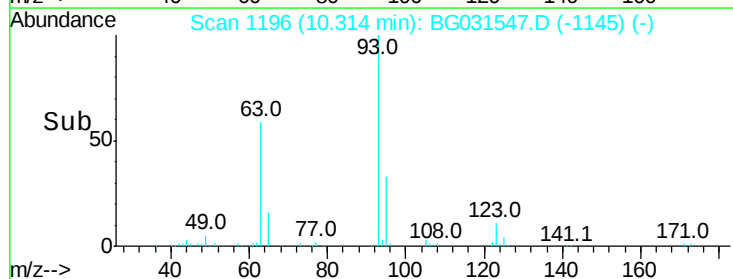
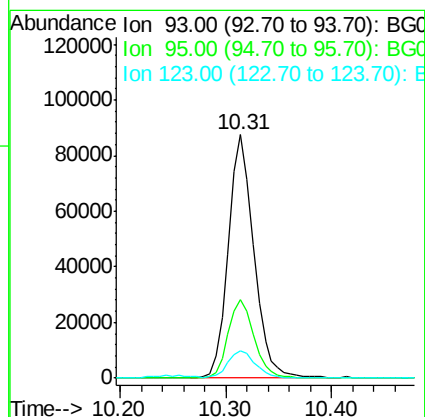
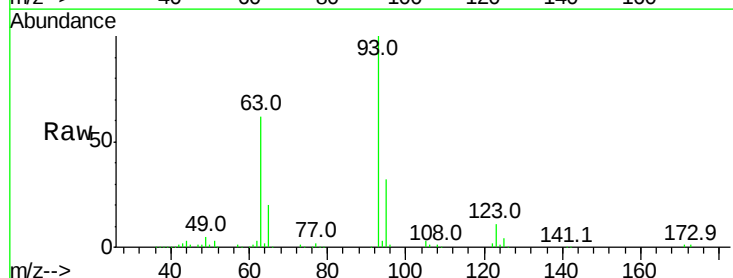
Instrument :
BNA_G
ClientSampleId :

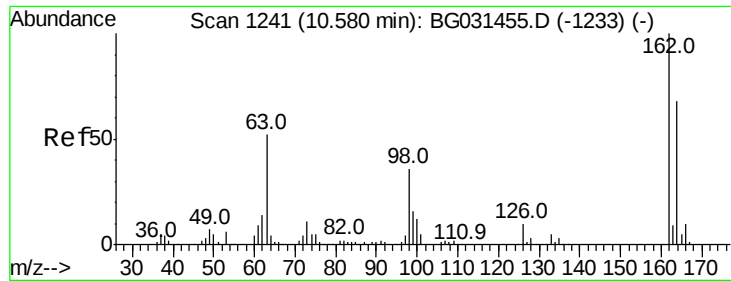
Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	100.2	150.2
121	61.8	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.804 ng
RT: 10.31 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	24.3	36.5
123	11.2	8.4	12.6

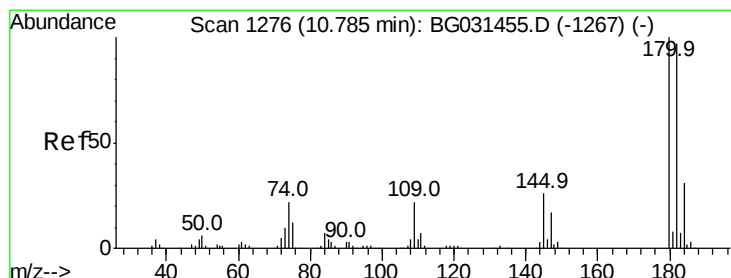
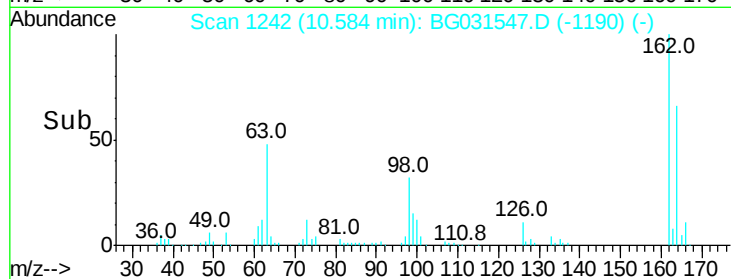
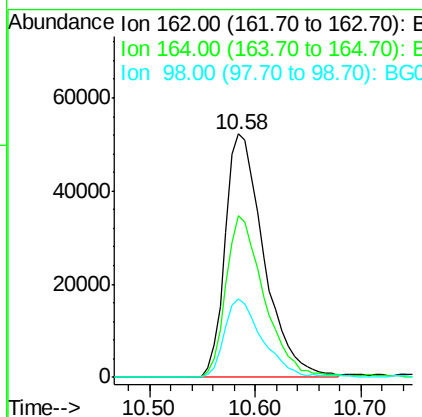
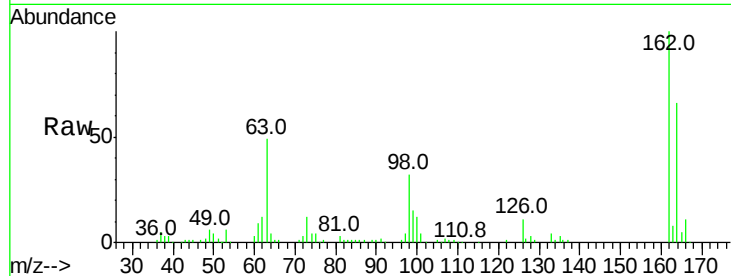




#29
 2,4-Dichlorophenol
 Concen: 49.661 ng
 RT: 10.58 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

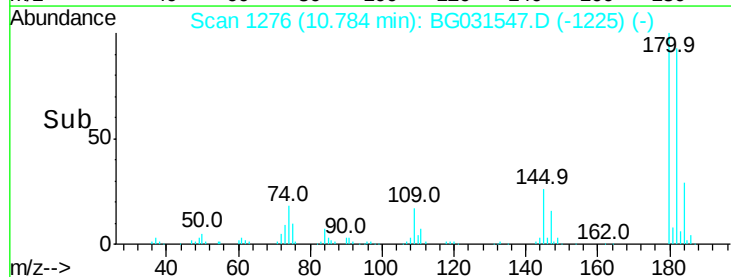
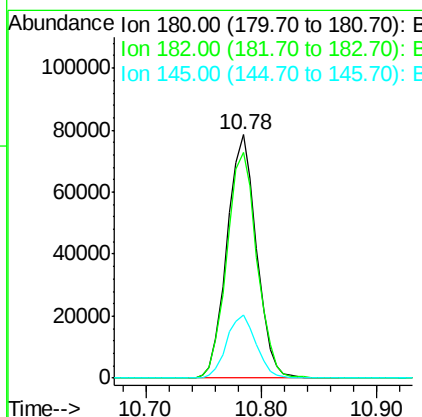
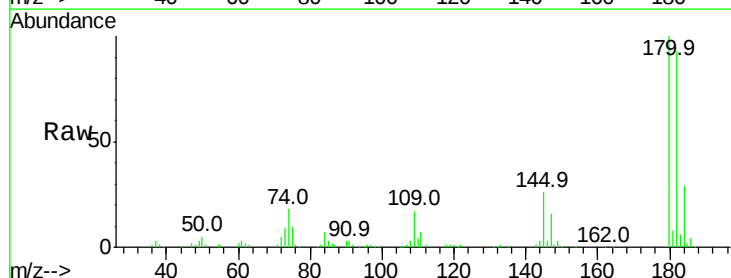
Instrument :
 BNA_G
 ClientSampleId :

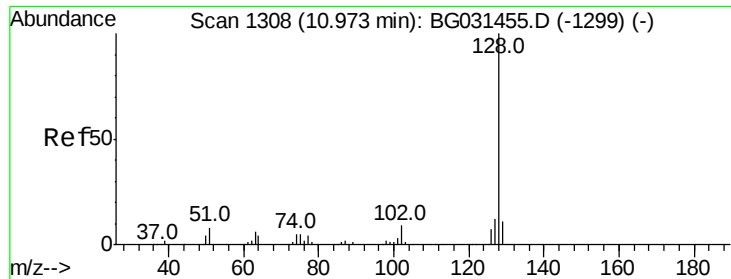
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.4	48.0	88.0
98	32.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.619 ng
 RT: 10.78 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.5	116.3
145	25.7	23.4	35.2

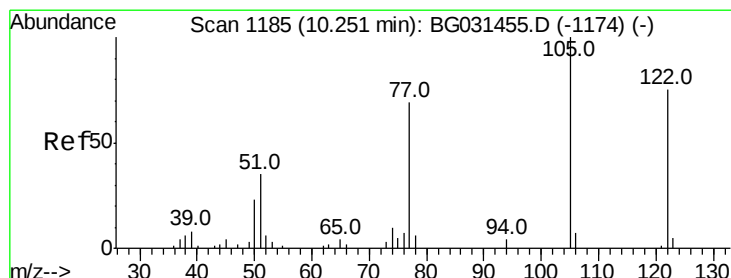
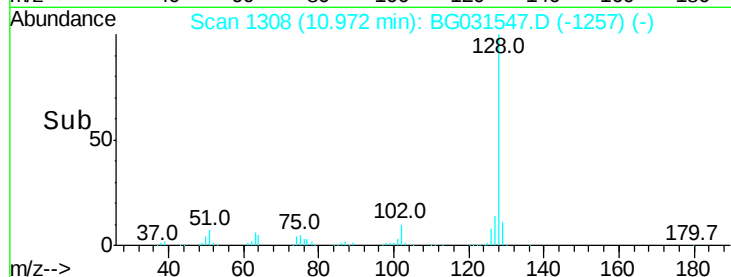
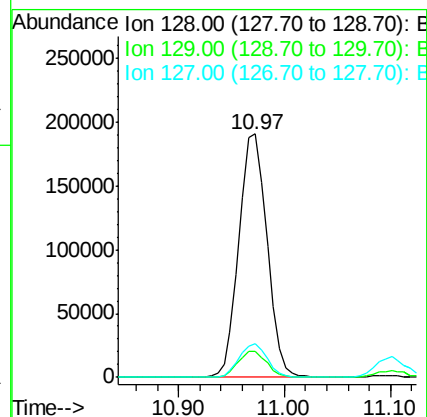
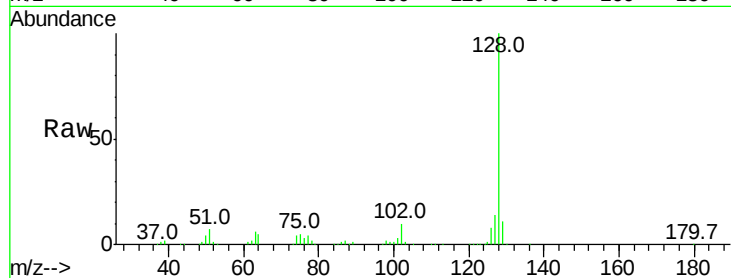




#31
Naphthalene
Concen: 39.561 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

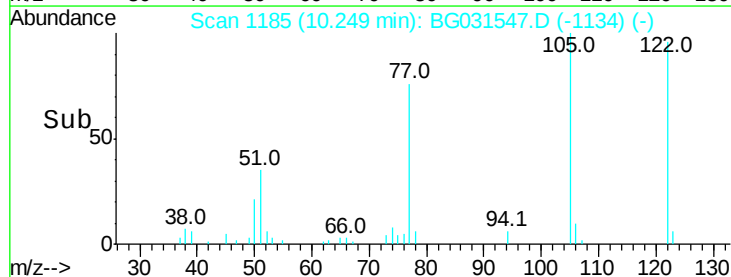
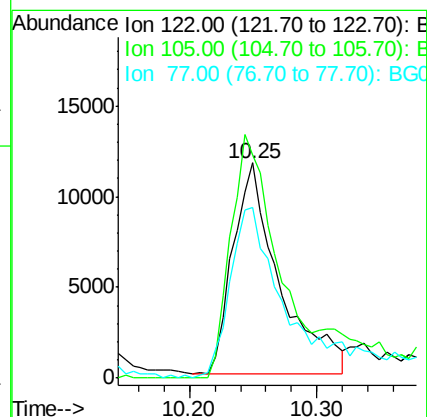
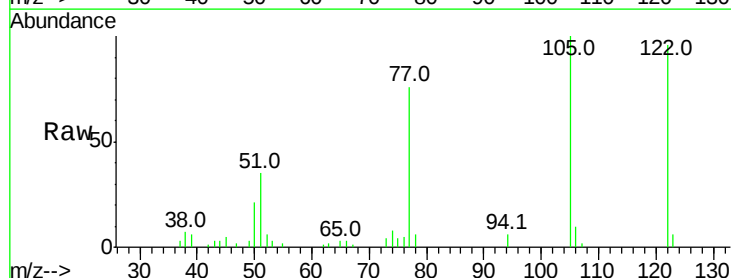
Instrument :
BNA_G
ClientSampleId :

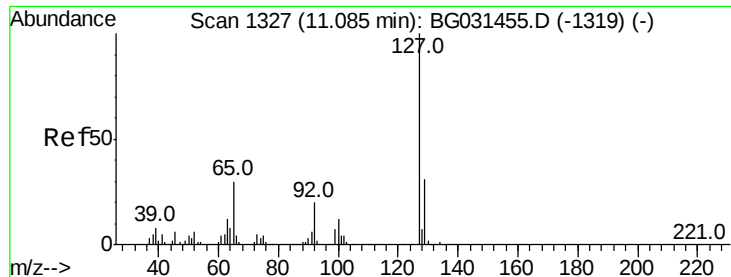
Tot Ion:128 Resp: 352219
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 28.541 ng
RT: 10.25 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:122 Resp: 29741
Ion Ratio Lower Upper
122 100
105 103.9 123.5 163.5#
77 79.3 85.7 125.7#

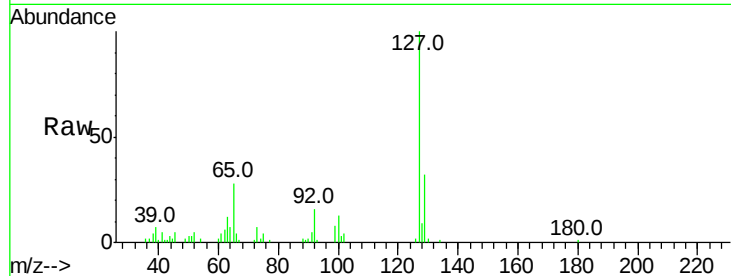




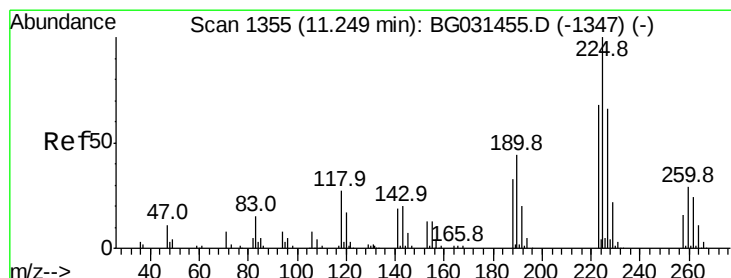
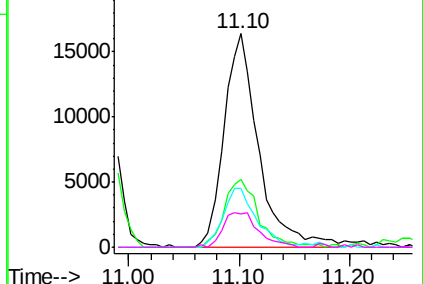
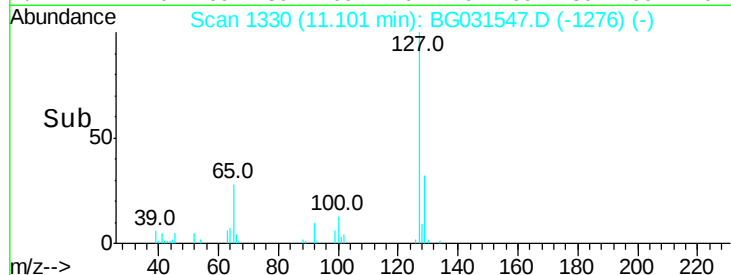
#33
4-Chloroaniline
Concen: 9.272 ng
RT: 11.10 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.0	36.0
65	27.8	27.0	40.4
92	15.6	16.6	25.0

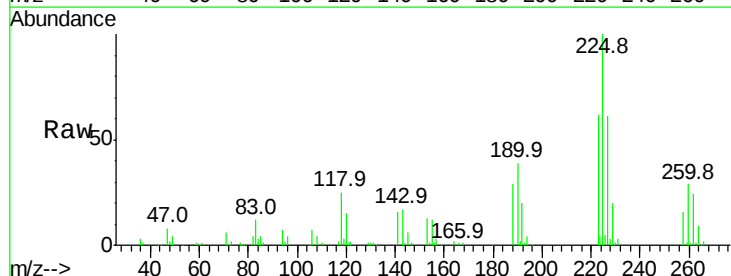


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

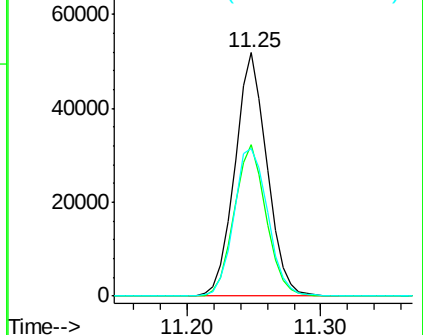
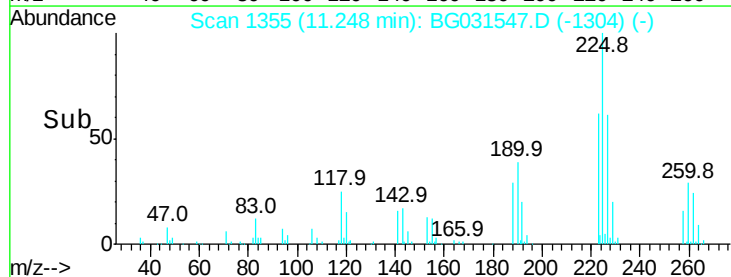


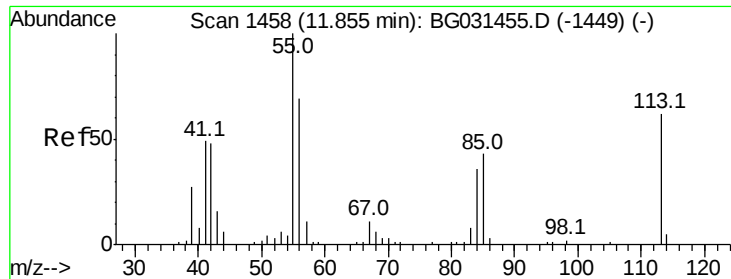
#34
Hexachlorobutadiene
Concen: 38.074 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	60.8	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: 58.909 ng

RT: 11.85 min Scan# 1458

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

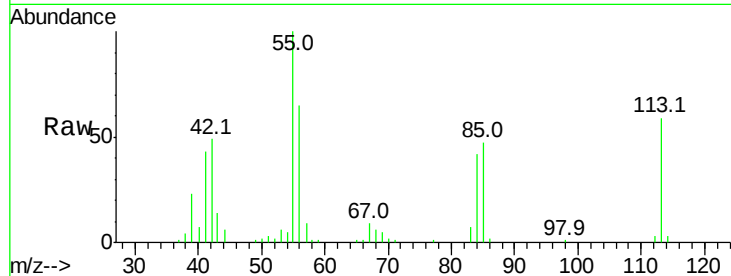
Tot Ion:113 Resp: 61679

Ion Ratio Lower Upper

113 100

55 170.8 186.9 226.9#

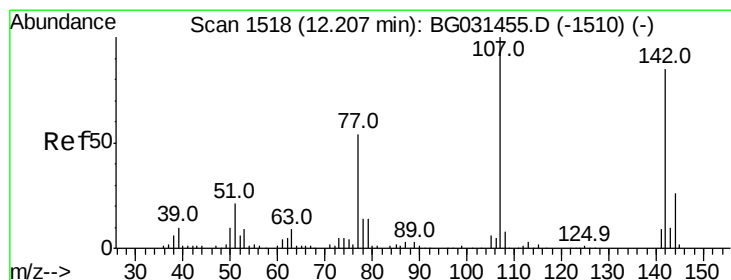
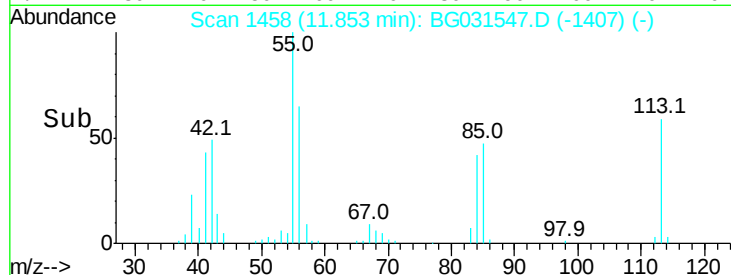
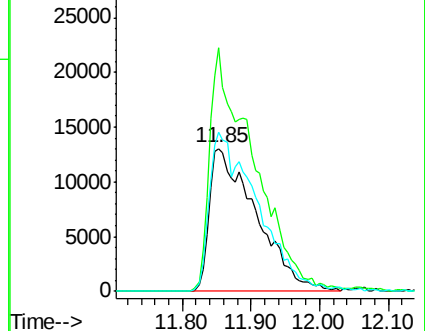
56 111.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 46.540 ng

RT: 12.21 min Scan# 1519

Delta R.T. 0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

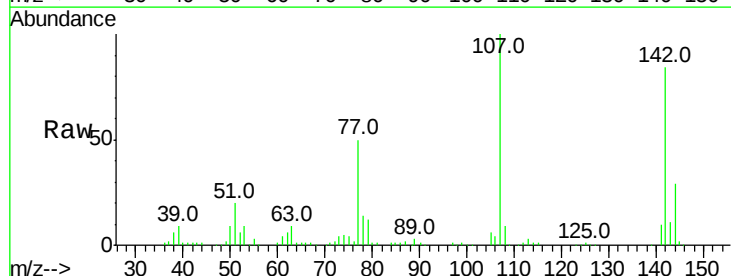
Tgt Ion:107 Resp: 141653

Ion Ratio Lower Upper

107 100

144 29.5 18.2 27.4#

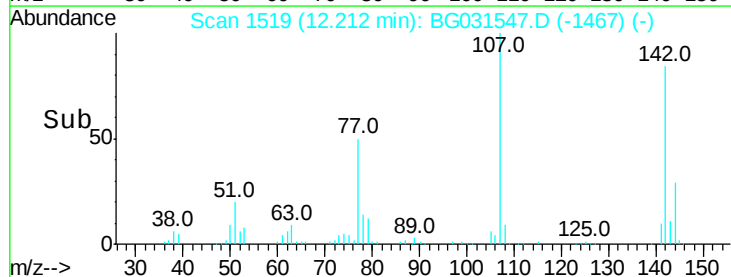
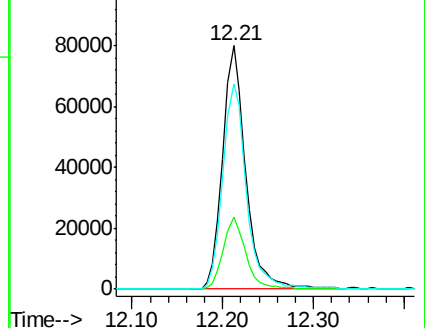
142 84.4 59.0 88.4

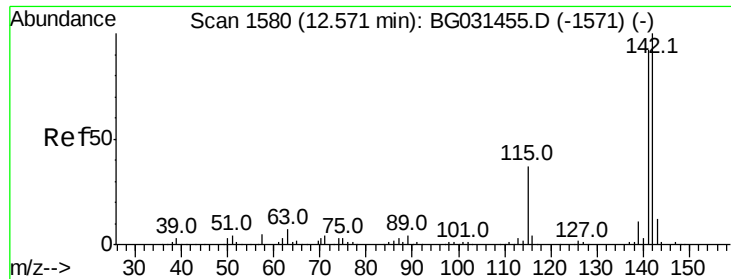


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

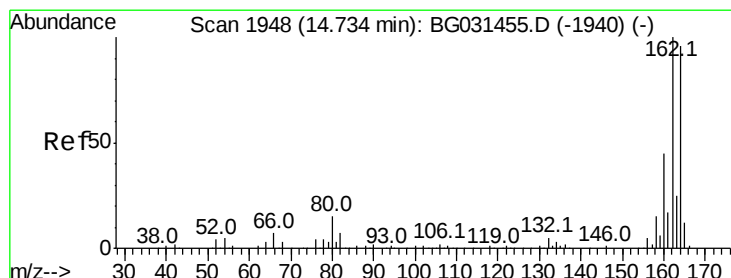
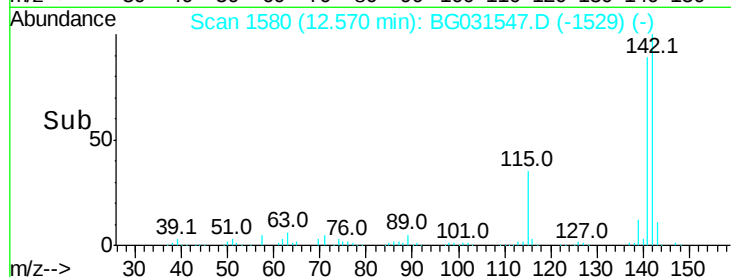
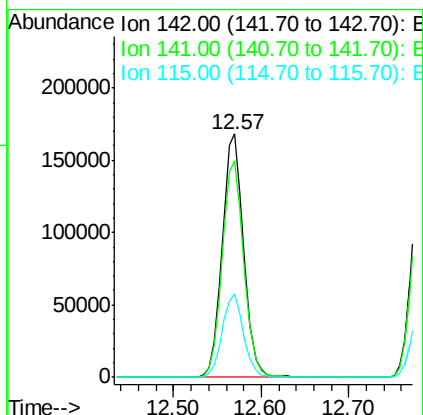
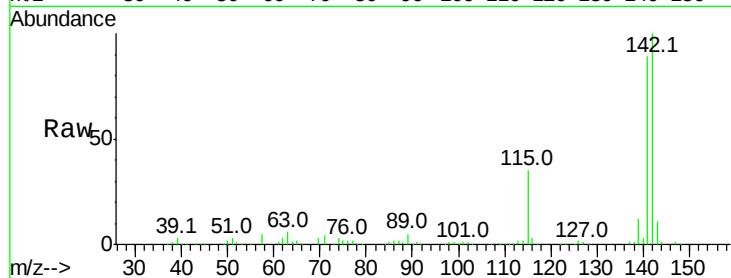




#37
2-Methylnaphthalene
Concen: 41.266 ng
RT: 12.57 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

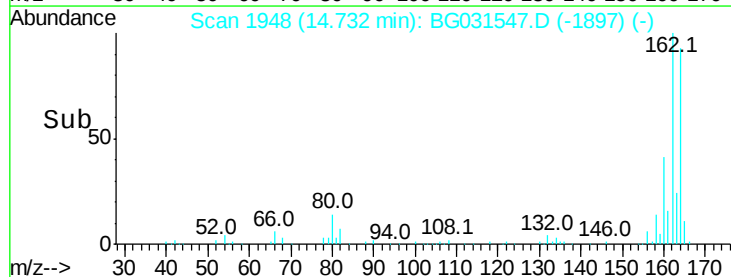
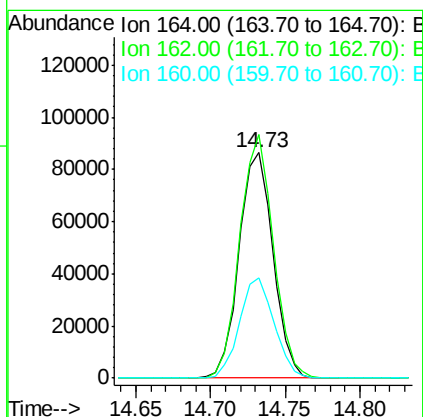
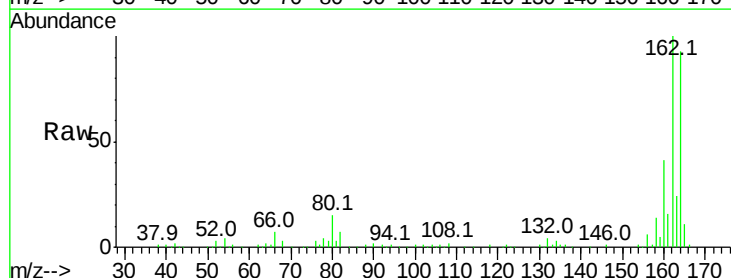
Instrument :
BNA_G
ClientSampled :

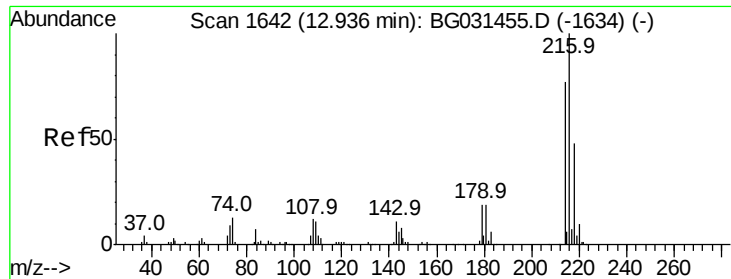
Tot Ion:142 Resp: 284466
Ion Ratio Lower Upper
142 100
141 88.8 67.1 100.7
115 34.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:164 Resp: 136209
Ion Ratio Lower Upper
164 100
162 108.1 78.8 118.2
160 44.2 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.886 ng

RT: 12.93 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 191035

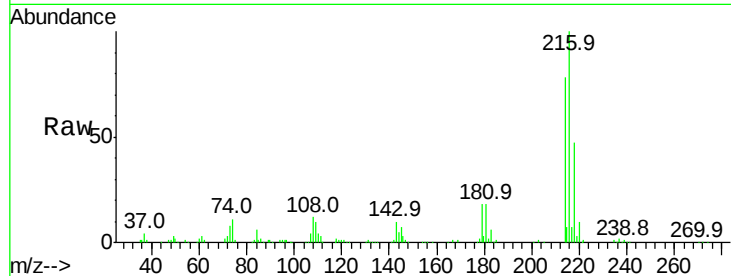
Ion Ratio Lower Upper

216 100

214 77.0 63.0 94.4

179 18.5 17.0 25.6

108 13.4 12.8 19.2

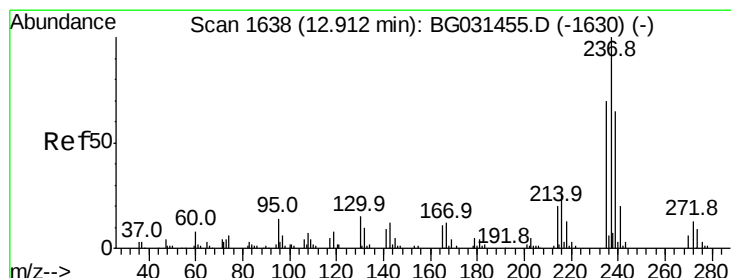
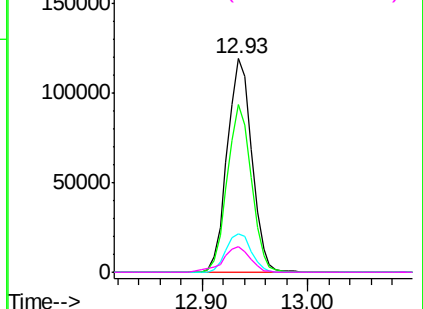
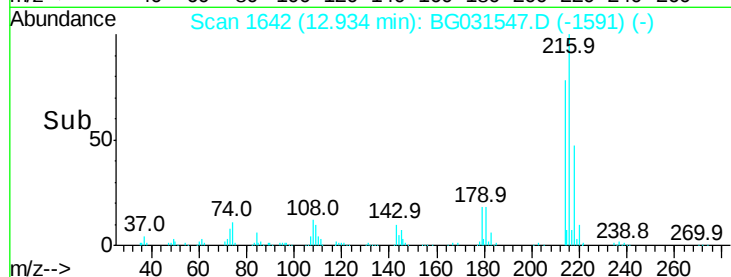


Abundance Ion 216.00 (215.70 to 216.70): E

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: 61.458 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

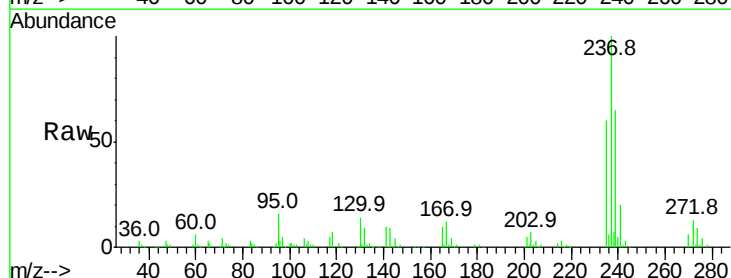
Tgt Ion:237 Resp: 99051

Ion Ratio Lower Upper

237 100

235 60.1 50.4 90.4

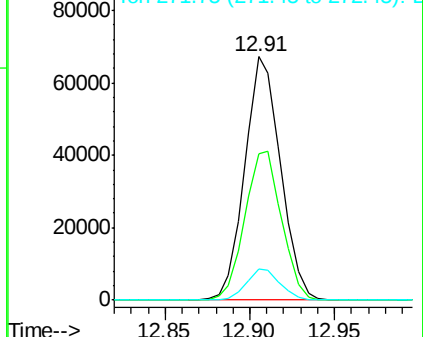
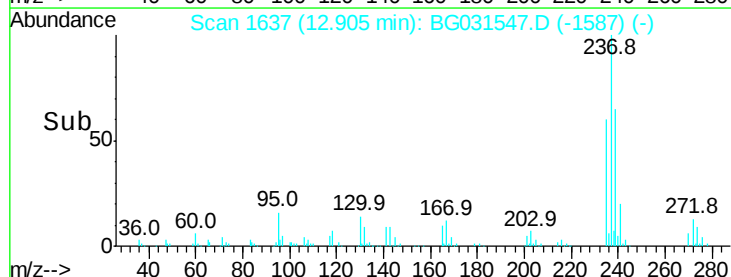
272 12.7 0.0 31.8

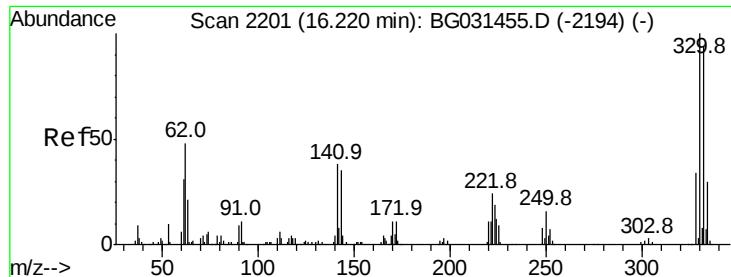


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

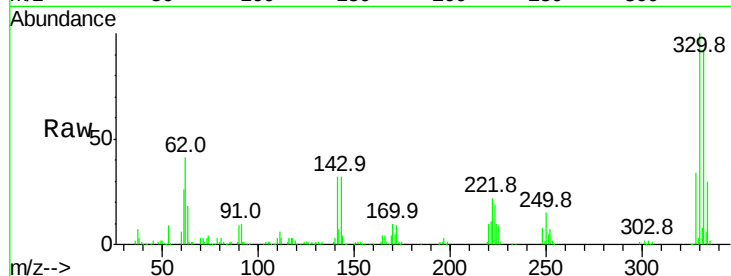




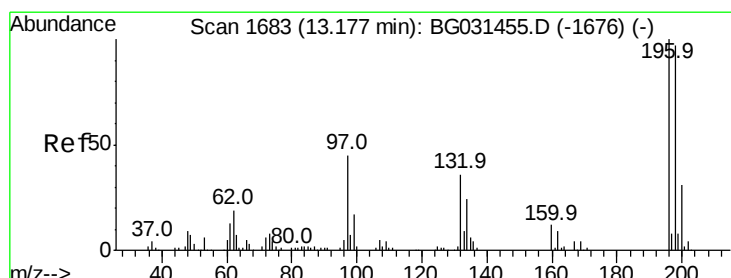
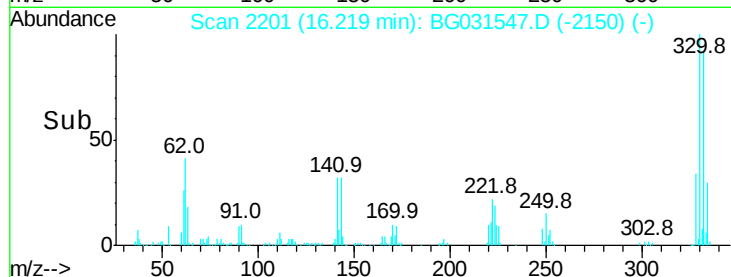
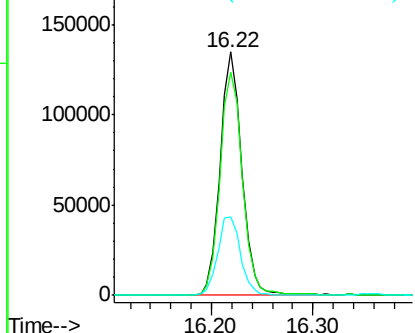
#41
 2,4,6-Tribromophenol
 Concen: 126.532 ng
 RT: 16.22 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	34.2	25.2	37.8

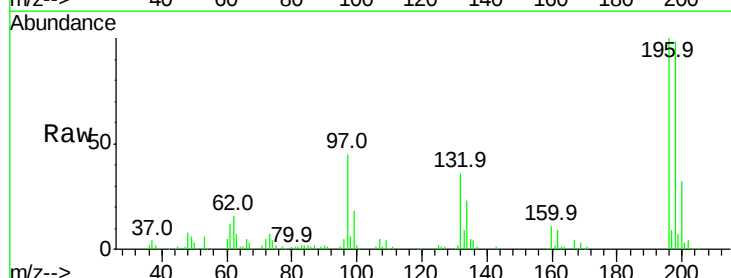


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

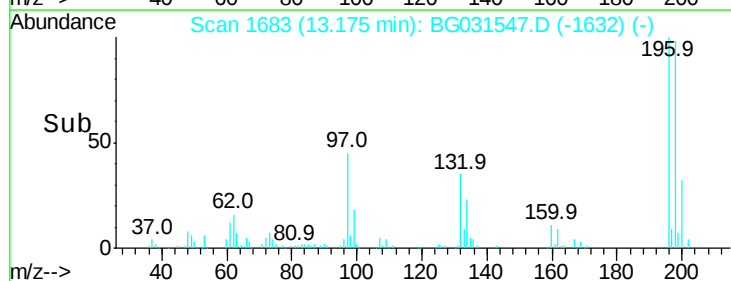
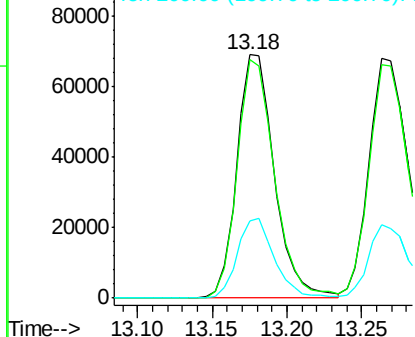


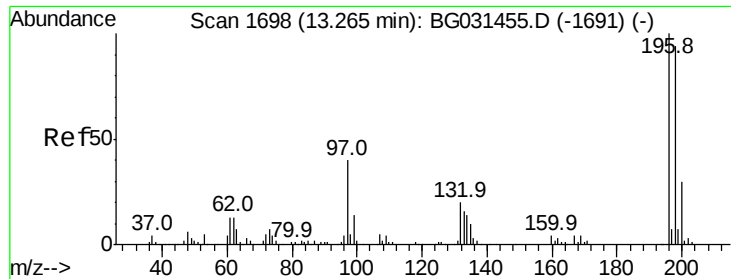
#42
 2,4,6-Trichlorophenol
 Concen: 44.323 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	78.2	117.2
200	31.5	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

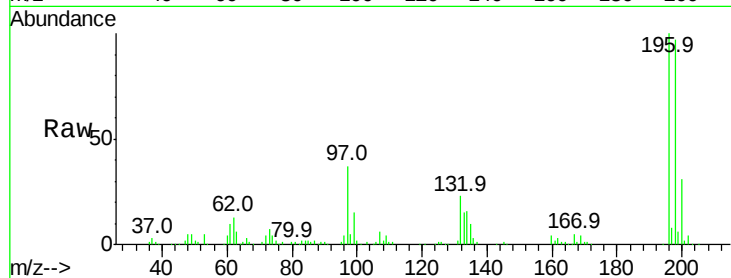




#43
 2,4,5-Trichlorophenol
 Concen: 46.521 ng
 RT: 13.26 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.4	76.2	114.4
97	36.8	38.7	58.1
132	22.7	20.2	30.2



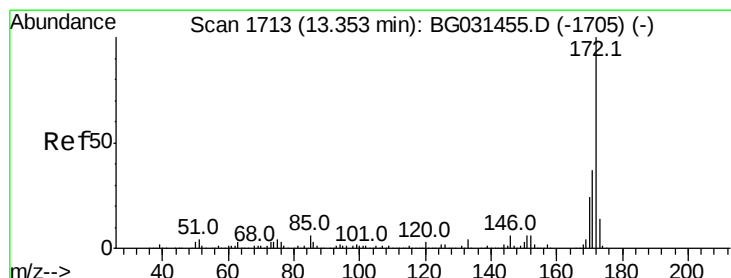
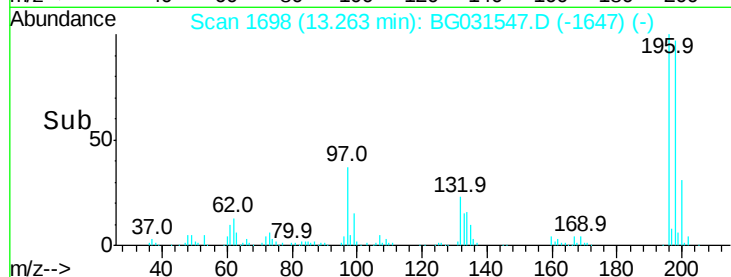
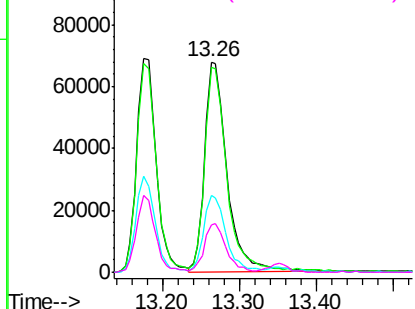
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

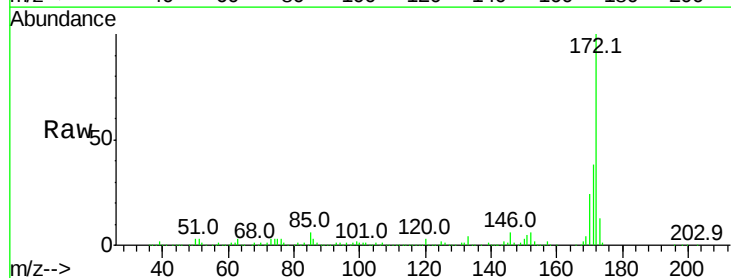
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 96.178 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.7	19.5	29.3

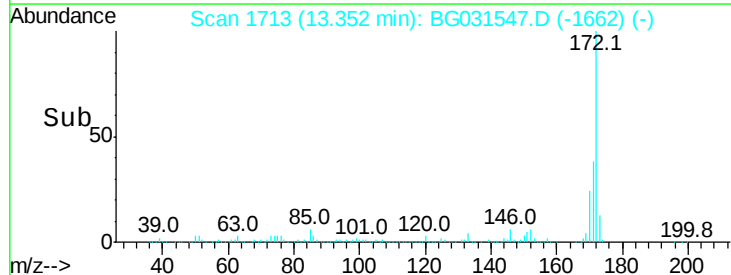
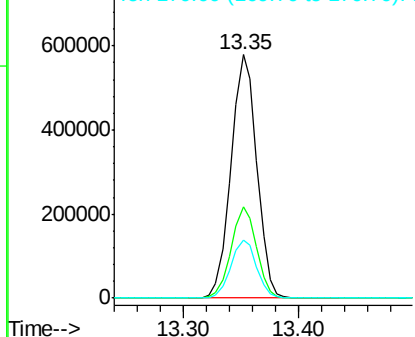


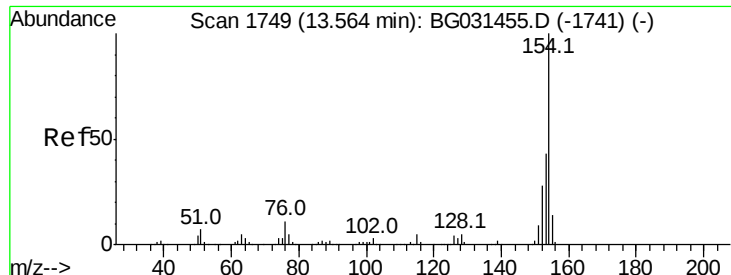
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

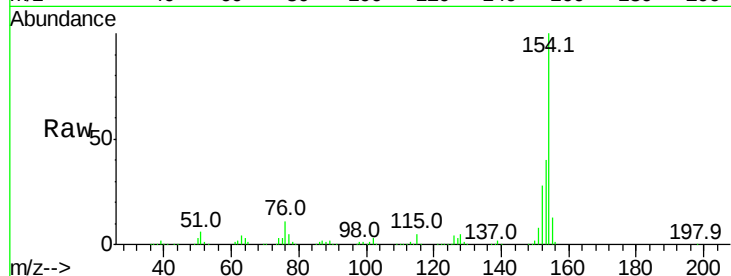




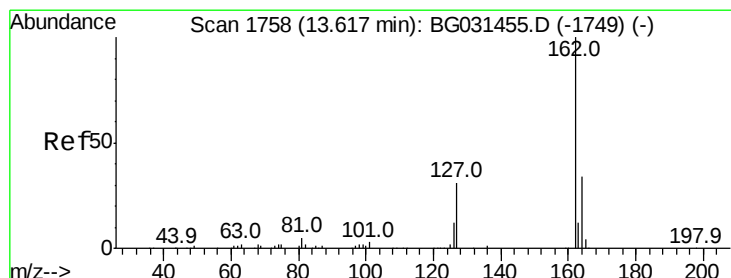
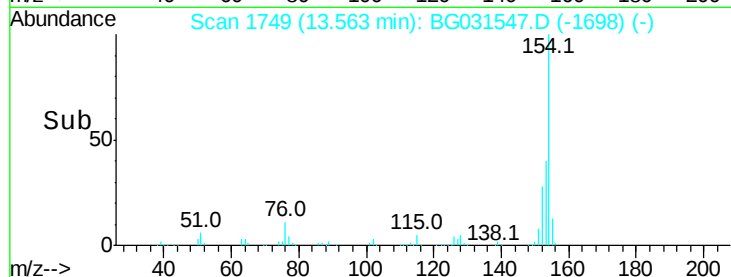
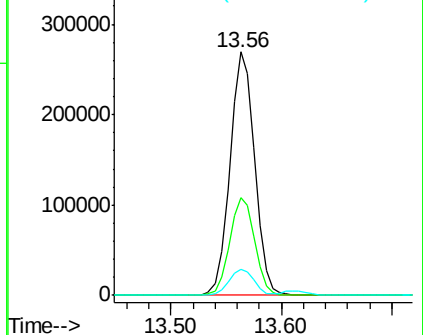
#45
 1,1'-Biphenyl
 Concen: 37.692 ng
 RT: 13.56 min Scan# 1749
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	19.8	59.8
76	10.8	0.0	31.9

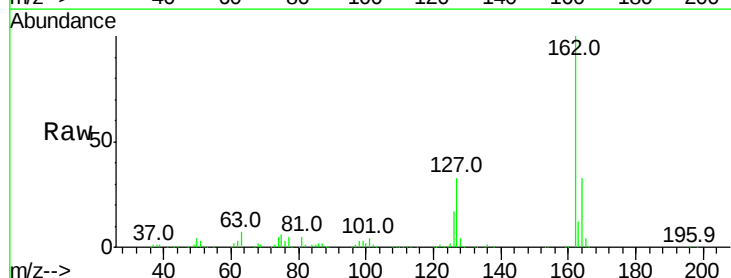


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

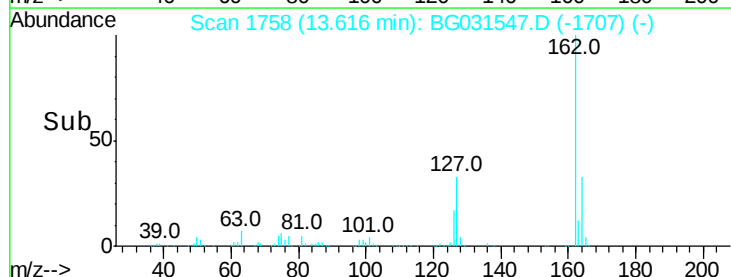
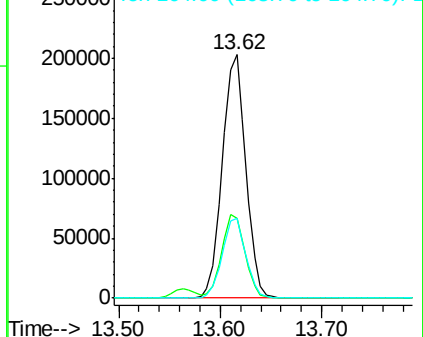


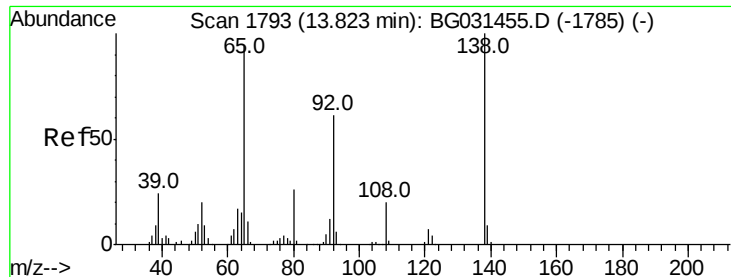
#46
 2-Chloronaphthalene
 Concen: 39.770 ng
 RT: 13.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.7	30.7	46.1
164	32.8	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

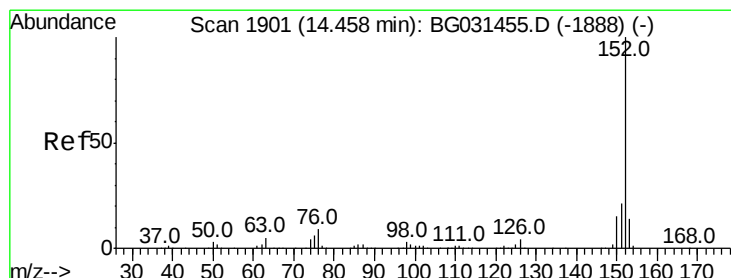
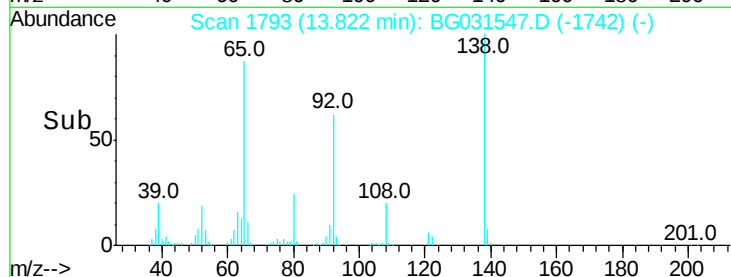
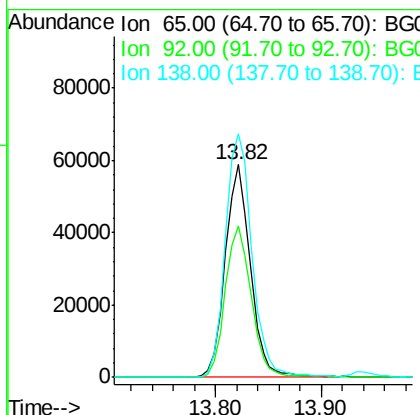
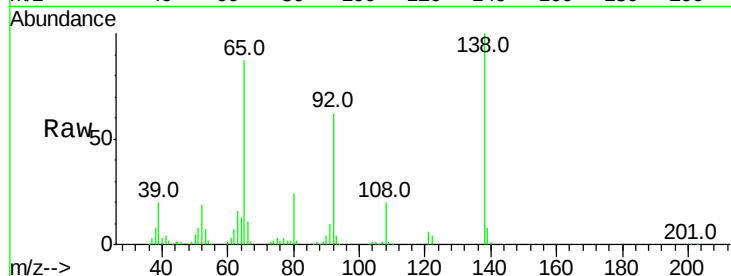




#47
2-Nitroaniline
Concen: 42.331 ng
RT: 13.82 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

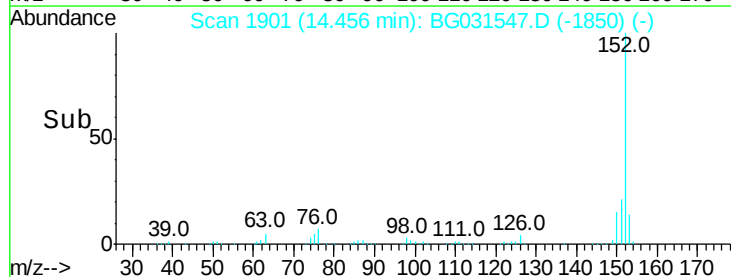
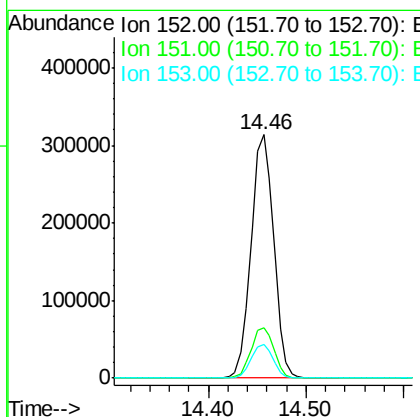
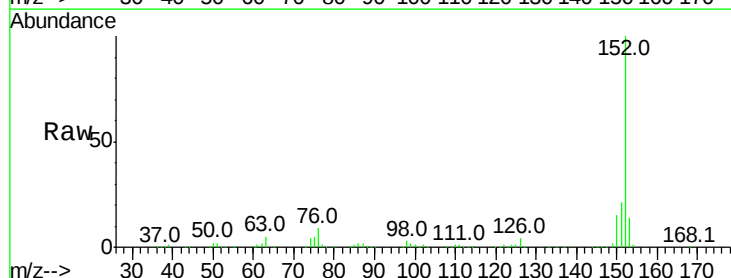
Instrument :
BNA_G
ClientSampleId :

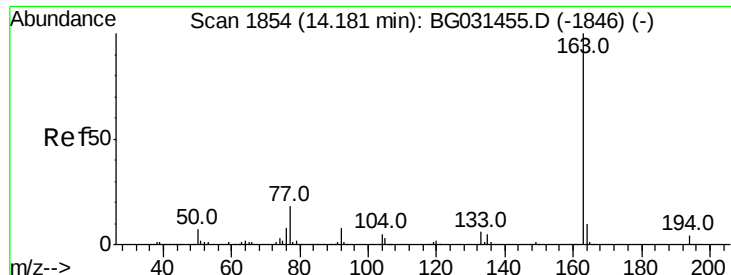
Tot Ion: 65 Resp: 97399
Ion Ratio Lower Upper
65 100
92 71.5 54.6 82.0
138 114.6 72.9 109.3#



#48
Acenaphthylene
Concen: 38.564 ng
RT: 14.46 min Scan# 1901
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:152 Resp: 508099
Ion Ratio Lower Upper
152 100
151 20.6 17.2 25.8
153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 43.382 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.00 min

Lab File: BG031547.D

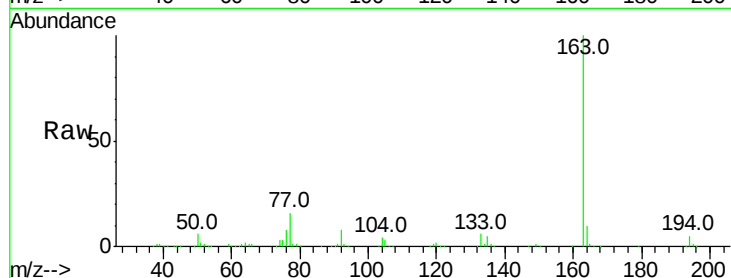
Acq: 14 Dec 2017 3:15

Instrument :

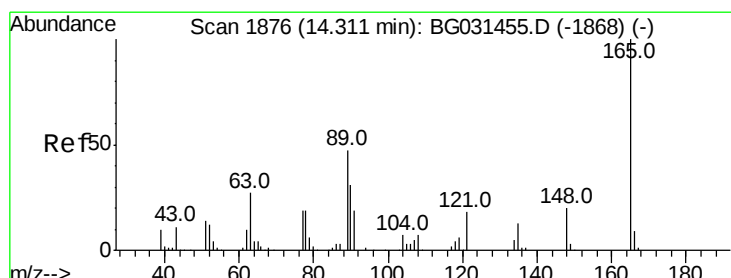
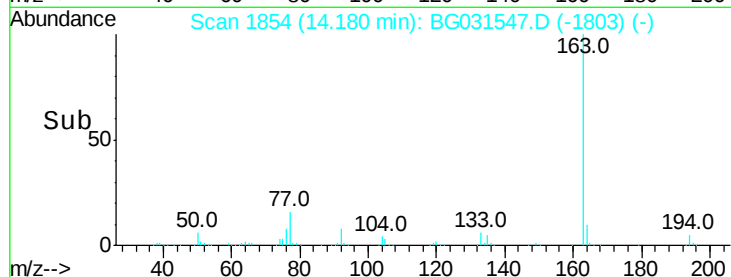
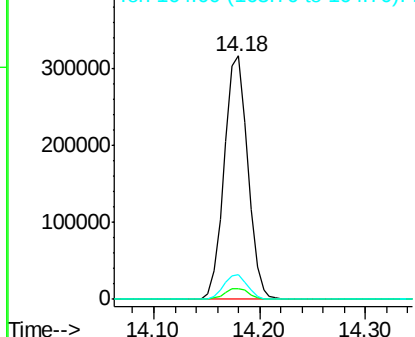
BNA_G

ClientSampleId :

Tot Ion:163	Resp:	489207
Ion Ratio	Lower	Upper
163	100	
194	4.6	3.4 5.2
164	10.2	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: 45.669 ng

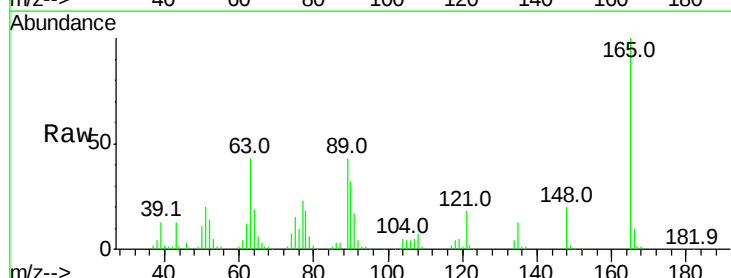
RT: 14.30 min Scan# 1875

Delta R.T. -0.01 min

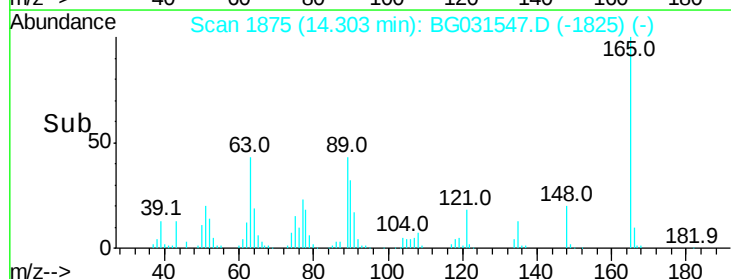
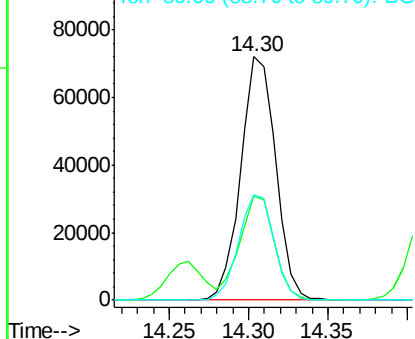
Lab File: BG031547.D

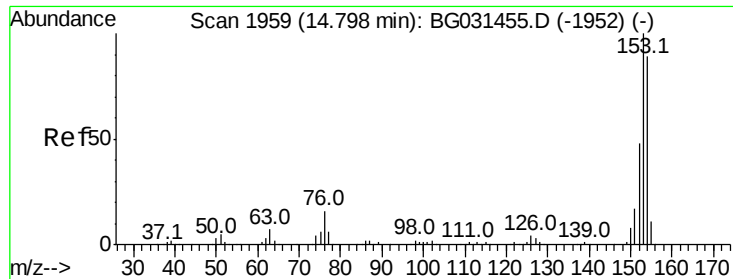
Acq: 14 Dec 2017 3:15

Tgt Ion:165	Resp:	110078
Ion Ratio	Lower	Upper
165	100	
63	42.8	52.7 79.1#
89	43.1	49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 37.744 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

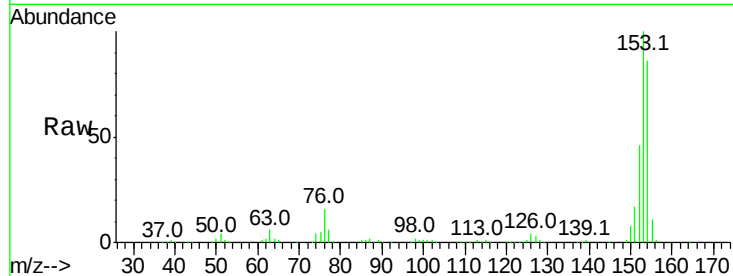
Tot Ion:154 Resp: 314446

Ion Ratio Lower Upper

154 100

153 116.2 90.4 135.6

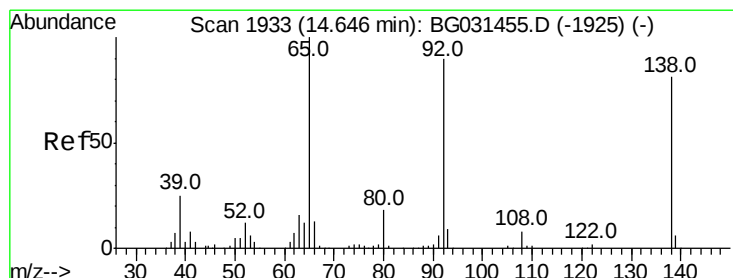
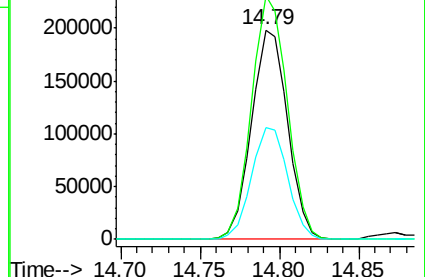
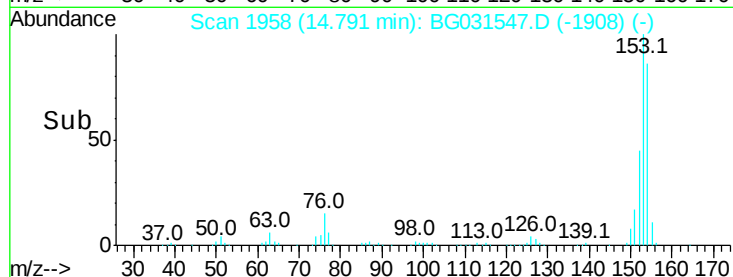
152 53.2 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.217 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

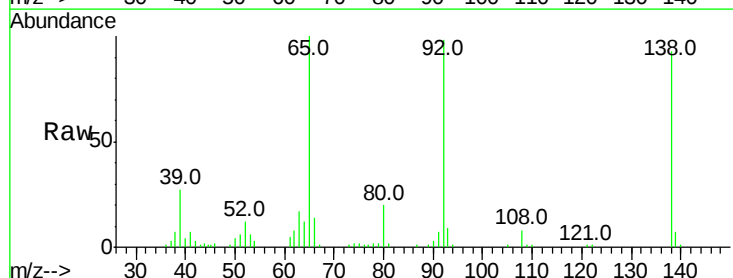
Tgt Ion:138 Resp: 47218

Ion Ratio Lower Upper

138 100

108 9.1 17.5 26.3#

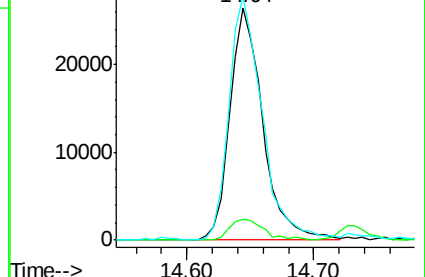
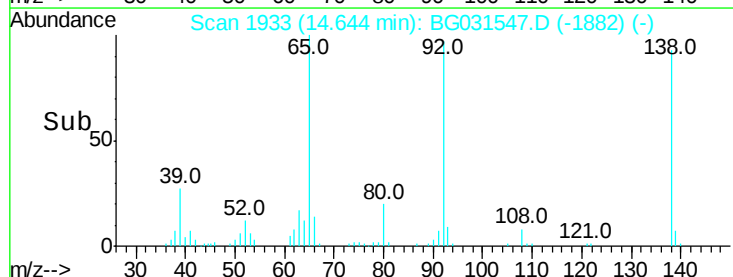
92 104.7 105.8 158.8#

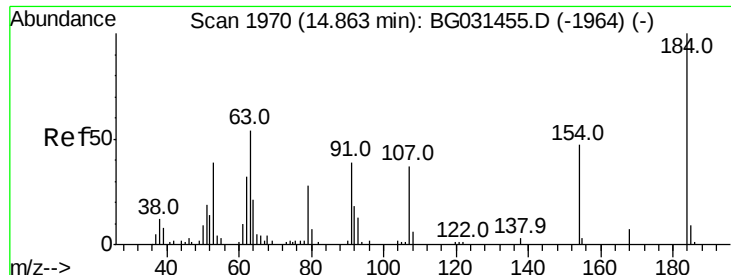


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

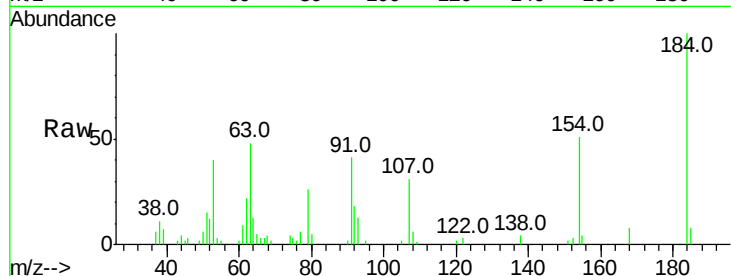




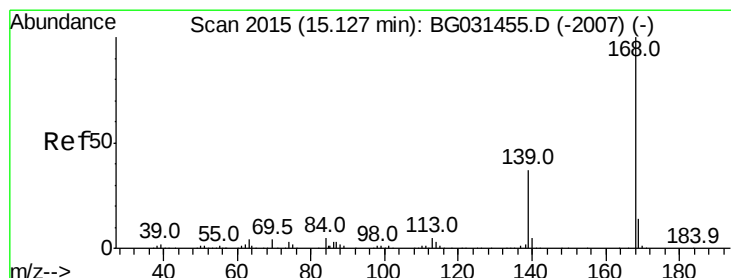
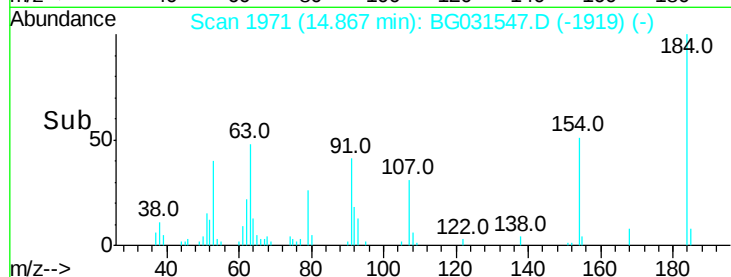
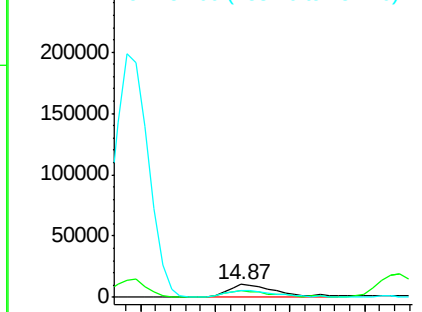
#53
 2,4-Dinitrophenol
 Concen: 30.139 ng
 RT: 14.87 min Scan# 1971
 Delta R.T. 0.01 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 23918
 Ion Ratio Lower Upper
 184 100
 63 47.8 59.8 89.8#
 154 51.0 101.8 152.8#

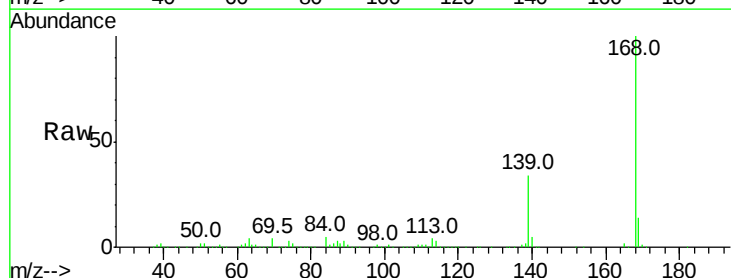


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

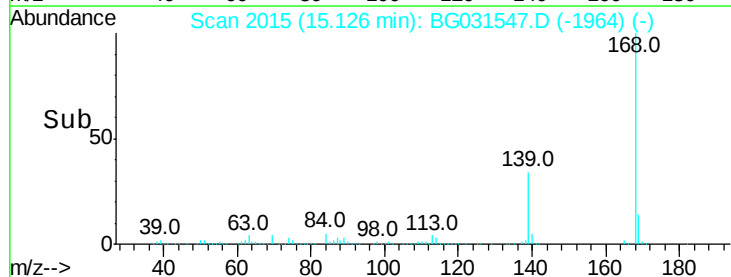
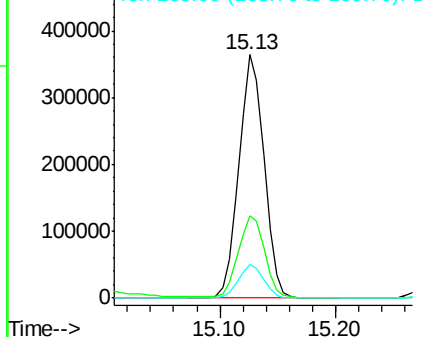


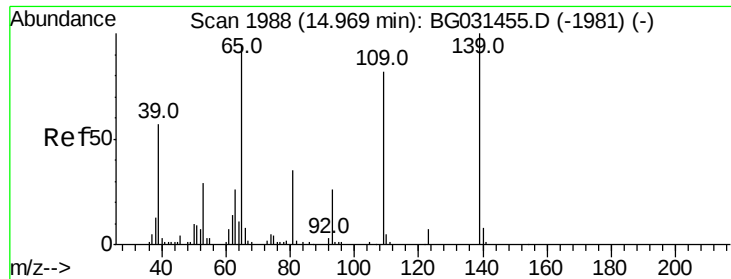
#54
 Dibenzofuran
 Concen: 41.381 ng
 RT: 15.13 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion:168 Resp: 550126
 Ion Ratio Lower Upper
 168 100
 139 33.8 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

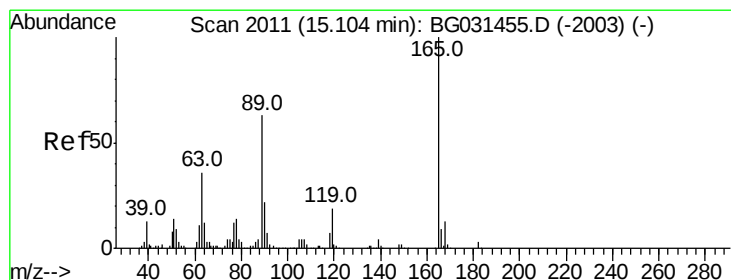
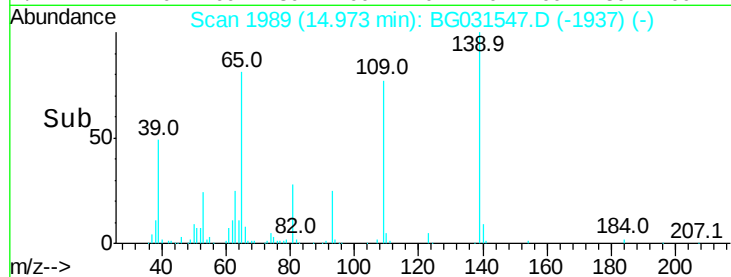
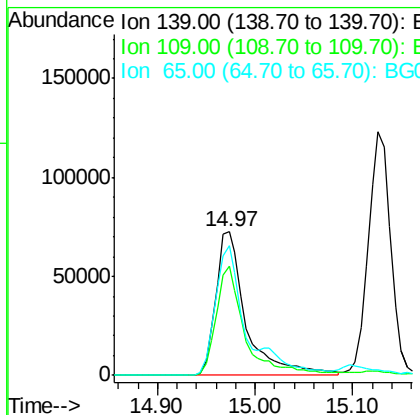
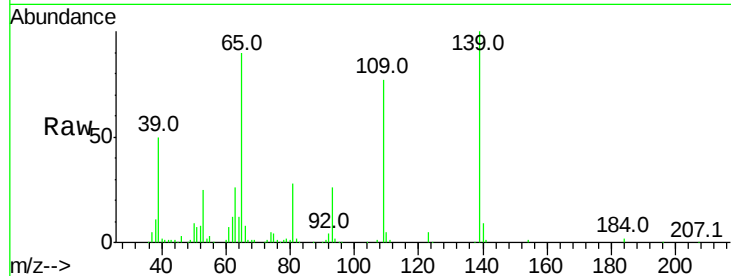




#55
4-Nitrophenol
Concen: 93.635 ng
RT: 14.97 min Scan# 1989
Delta R.T. 0.01 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

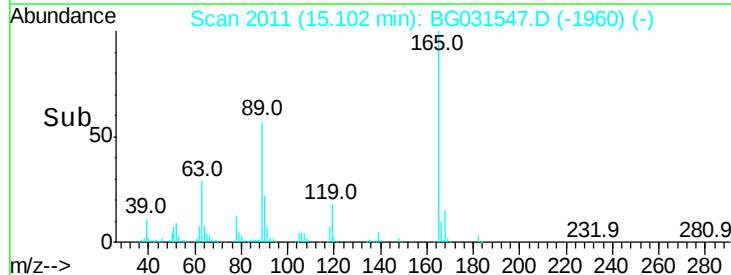
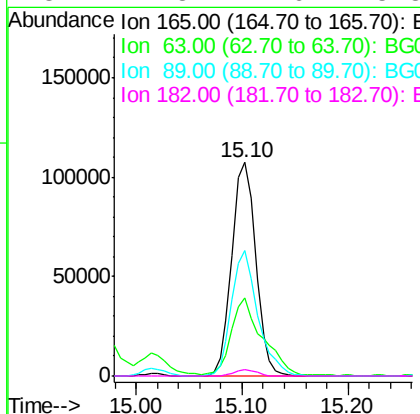
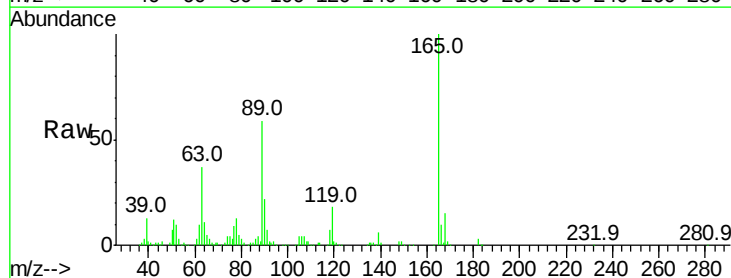
Instrument :
BNA_G
ClientSampleId :

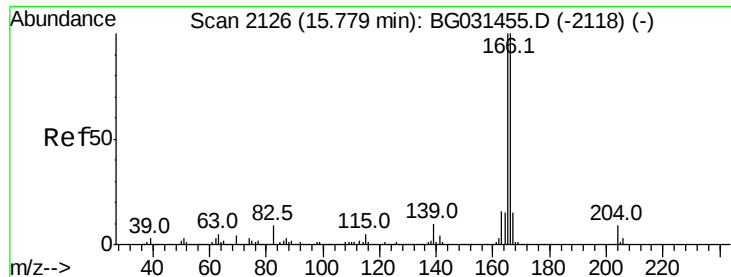
Tot Ion:139 Resp: 156505
Ion Ratio Lower Upper
139 100
109 76.6 62.2 102.2
65 90.3 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 49.198 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:165 Resp: 168429
Ion Ratio Lower Upper
165 100
63 36.8 42.0 63.0#
89 58.6 66.9 100.3#
182 2.8 2.6 3.8





#57

Fluorene

Concen: 42.723 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

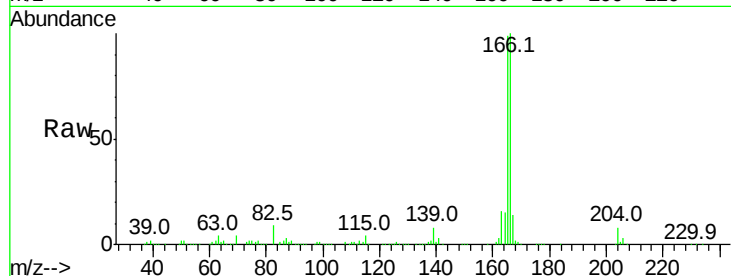
Tot Ion:166 Resp: 455086

Ion Ratio Lower Upper

166 100

165 99.0 80.6 121.0

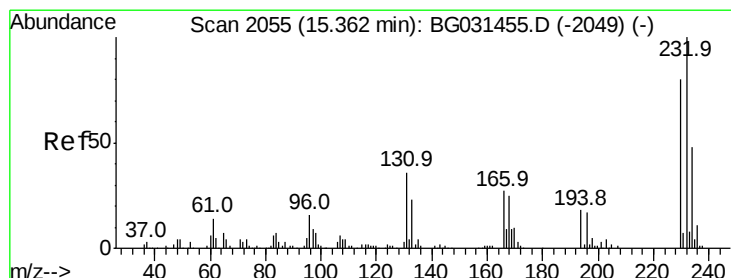
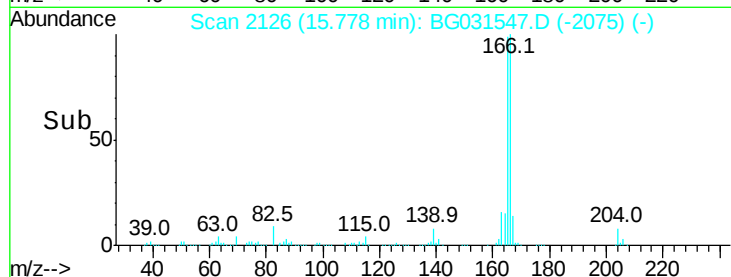
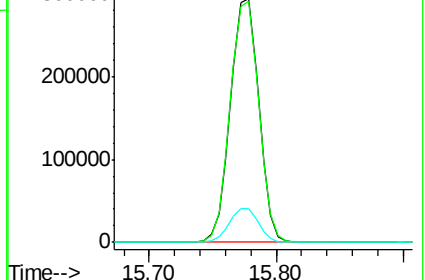
167 13.7 10.4 15.6



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: 52.144 ng

RT: 15.36 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Tgt Ion:232 Resp: 143596

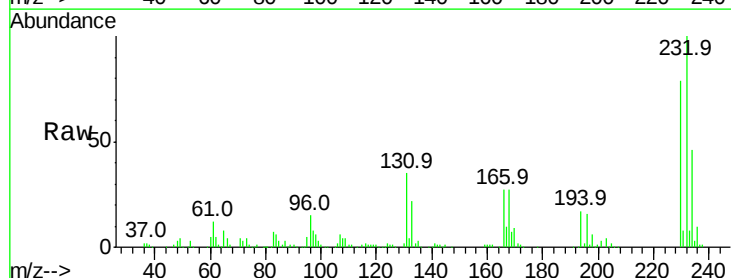
Ion Ratio Lower Upper

232 100

131 34.5 33.5 50.3

130 2.0 2.2 3.2#

166 27.2 24.8 37.2

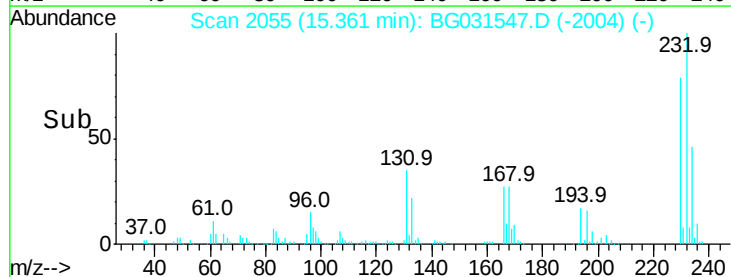
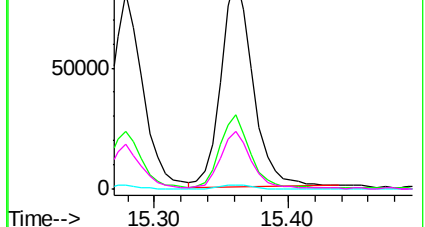


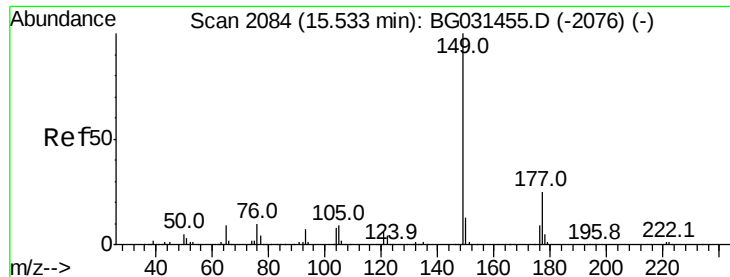
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

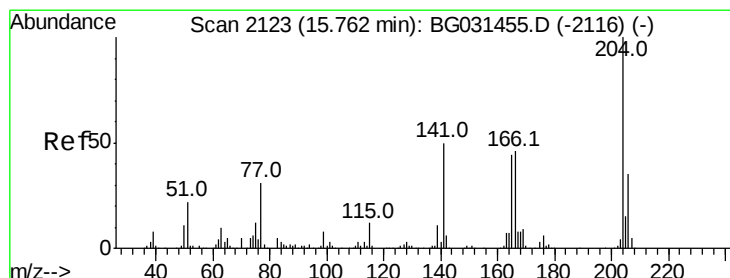
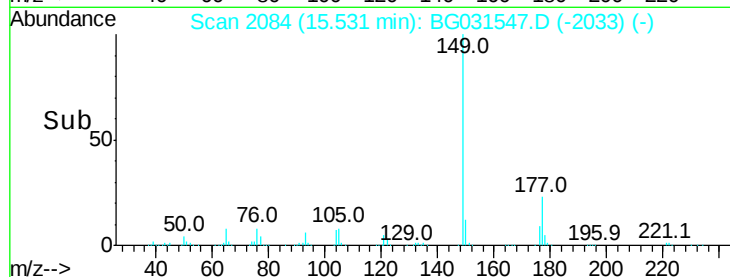
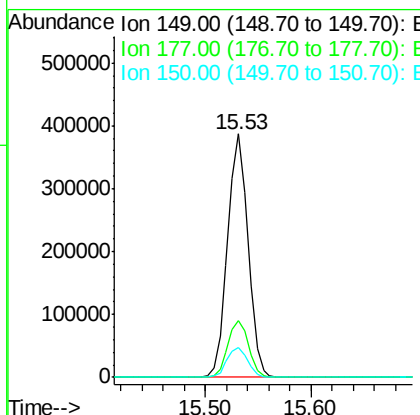
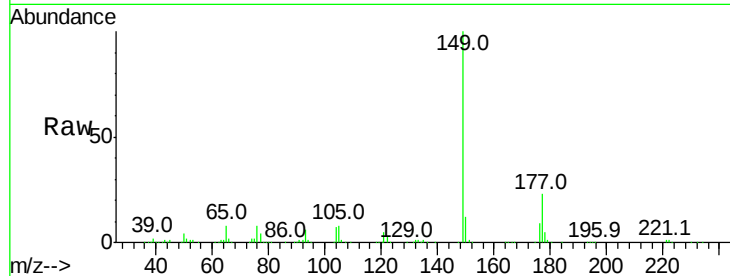




#59
Diethylphthalate
Concen: 45.642 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

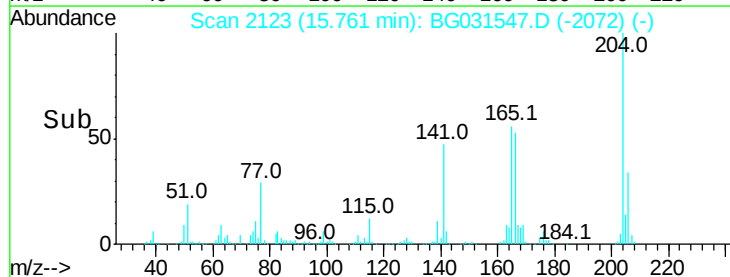
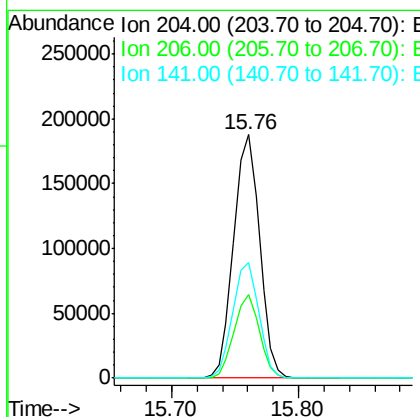
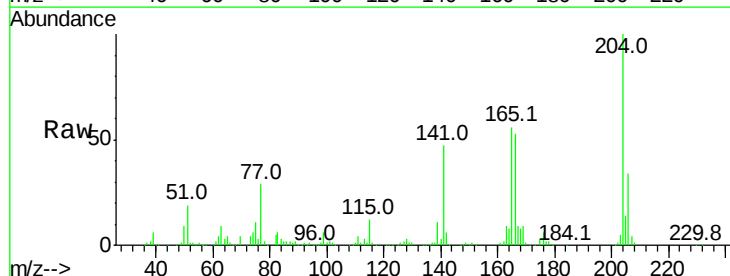
Instrument :
BNA_G
ClientSampled :

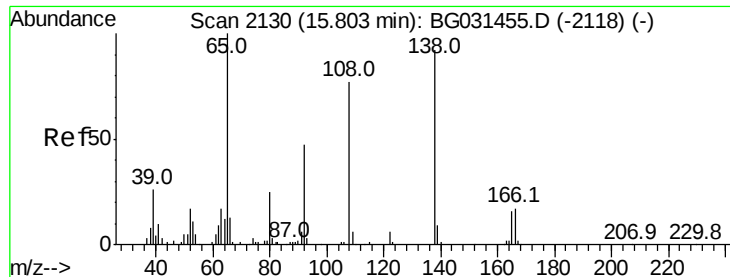
Tot Ion:149 Resp: 515912
Ion Ratio Lower Upper
149 100
177 23.2 18.5 27.7
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.788 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:204 Resp: 265816
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.2
141 47.3 45.8 68.6

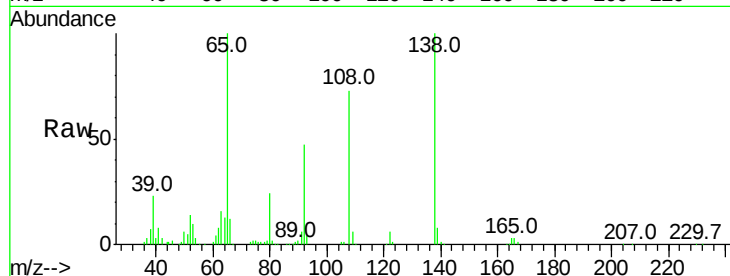




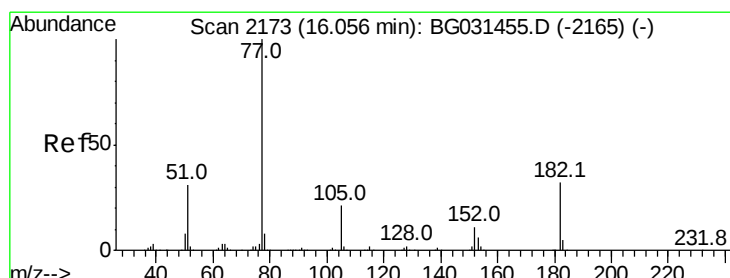
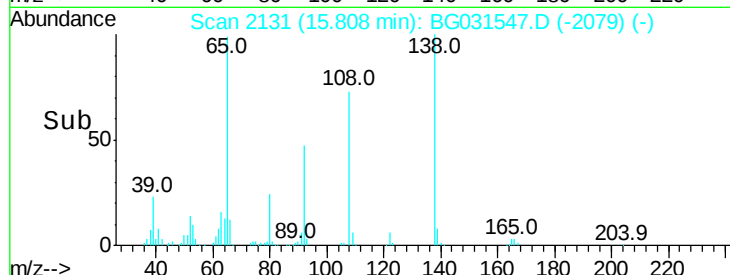
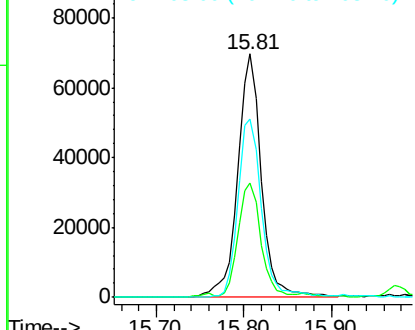
#61
4-Nitroaniline
Concen: 49.086 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 126568
Ion Ratio Lower Upper
138 100
92 46.7 40.1 80.1
108 73.0 65.4 105.4

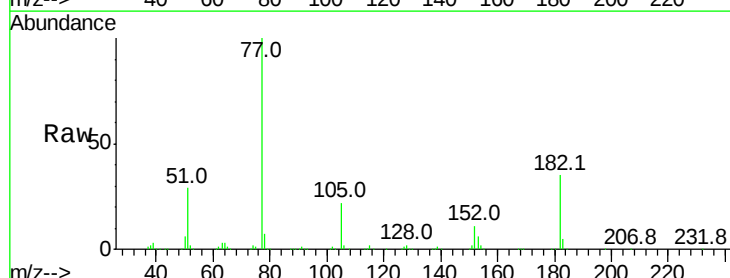


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

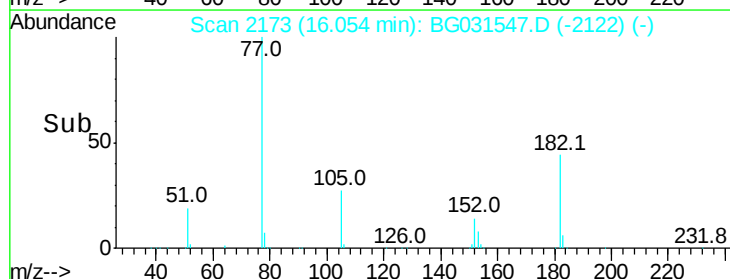
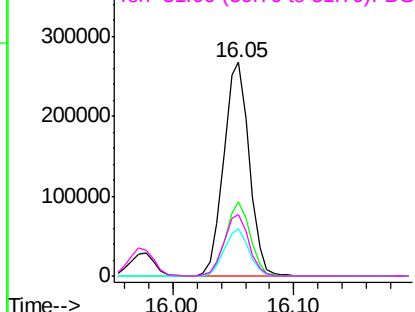


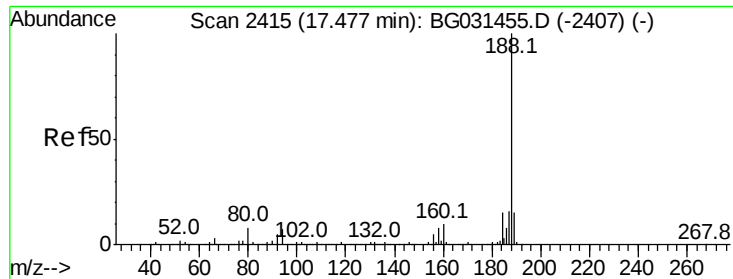
#62
Azobenzene
Concen: 41.474 ng
RT: 16.05 min Scan# 2173
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion: 77 Resp: 388344
Ion Ratio Lower Upper
77 100
182 35.0 7.4 47.4
105 21.9 0.3 40.3
51 28.7 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

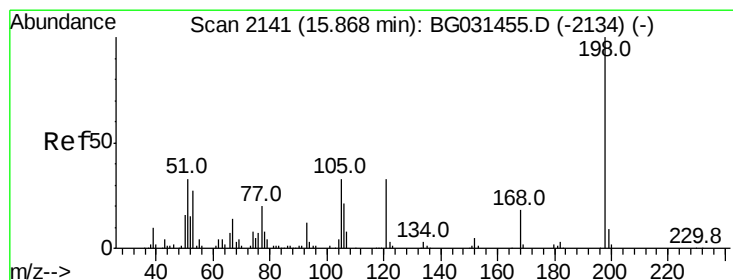
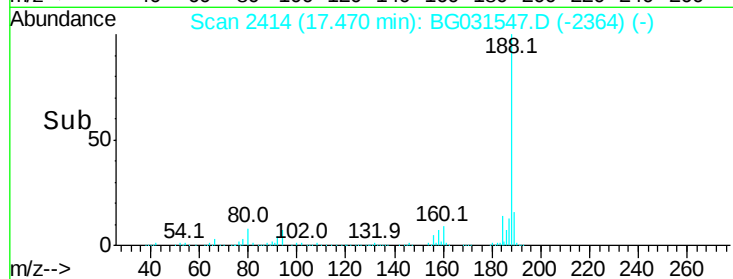
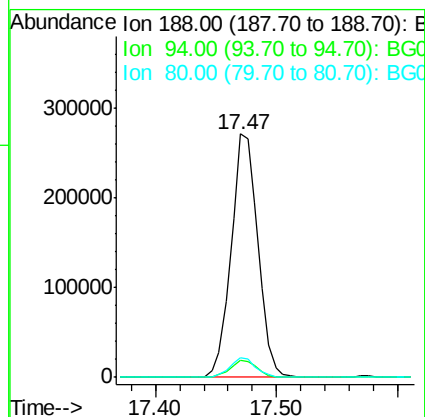
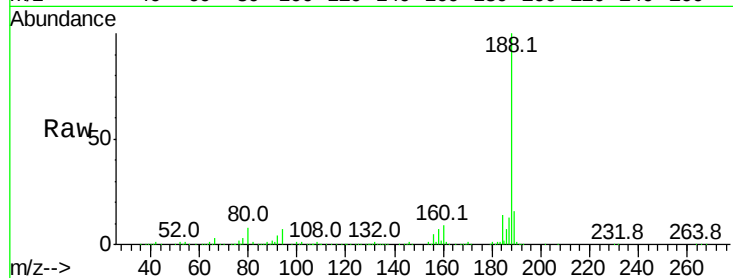




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

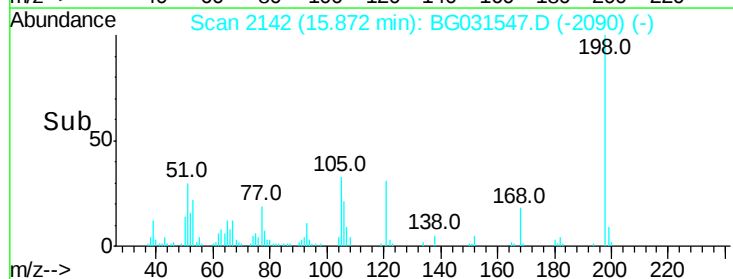
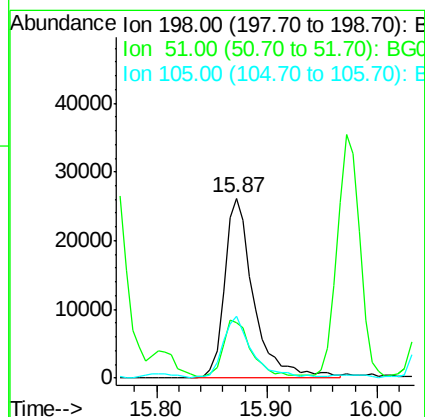
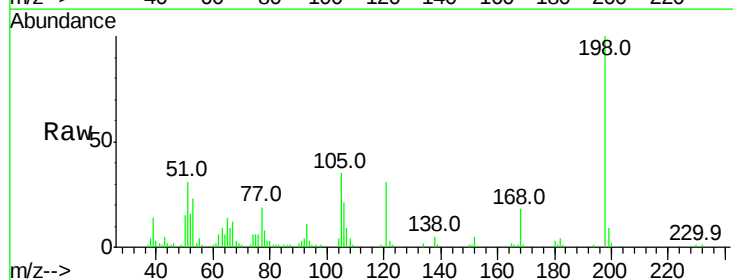
Instrument :
BNA_G
ClientSampleId :

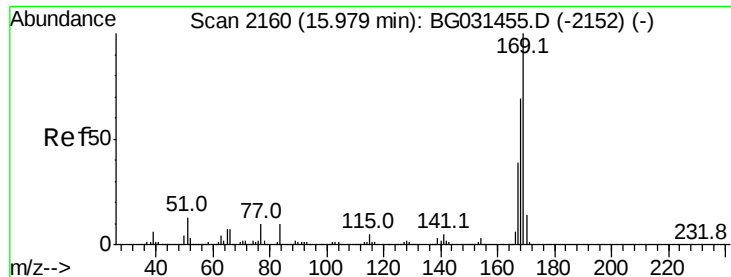
Tot Ion:188 Resp: 417300
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 7.9 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 22.133 ng
RT: 15.87 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:198 Resp: 48462
Ion Ratio Lower Upper
198 100
51 30.8 30.6 70.6
105 34.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 36.377 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

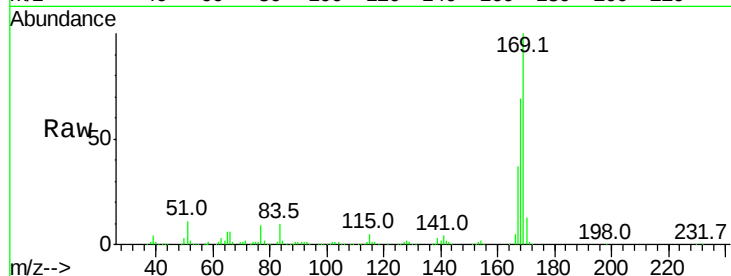
Tot Ion:169 Resp: 444330

Ion Ratio Lower Upper

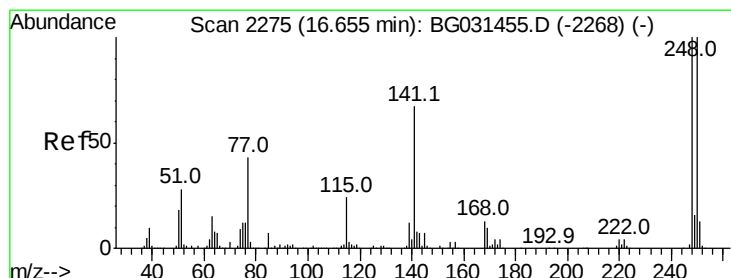
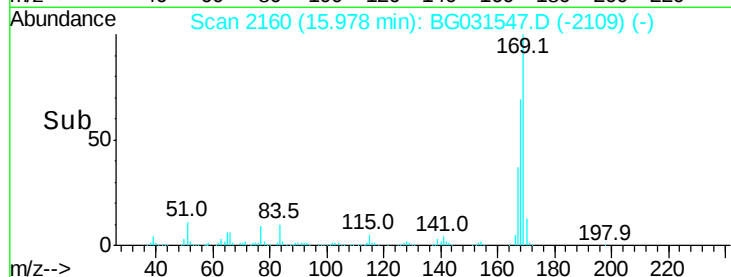
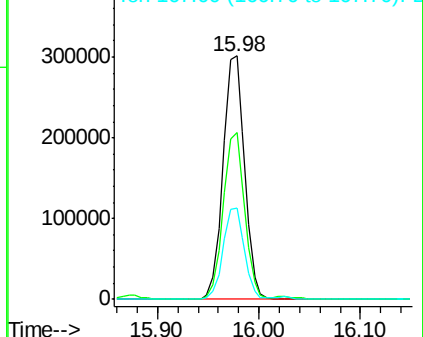
169 100

168 68.8 55.7 83.5

167 37.4 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: 37.678 ng

RT: 16.65 min Scan# 2275

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

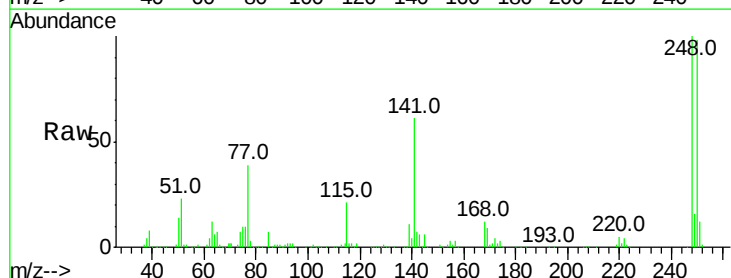
Tgt Ion:248 Resp: 182833

Ion Ratio Lower Upper

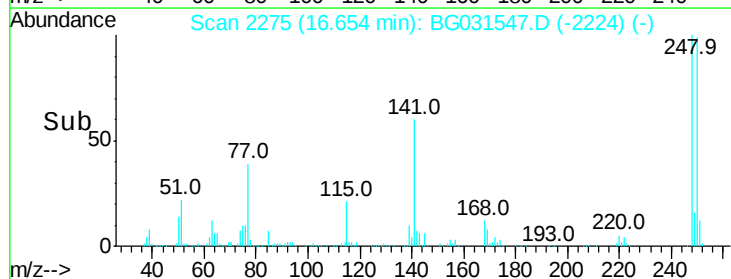
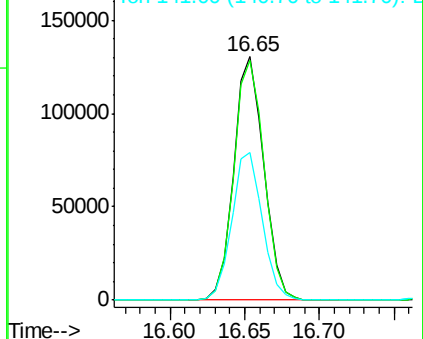
248 100

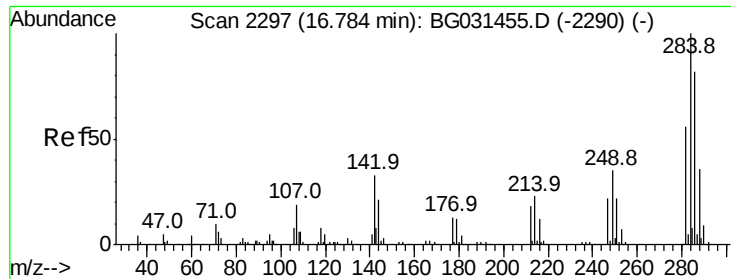
250 98.4 77.1 115.7

141 60.7 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: 37.756 ng

RT: 16.78 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

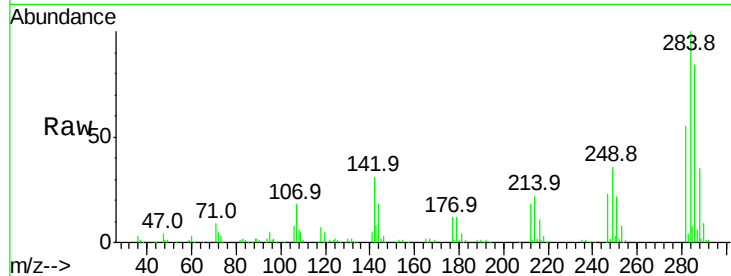
Tot Ion:284 Resp: 189189

Ion Ratio Lower Upper

284 100

142 30.9 26.8 40.2

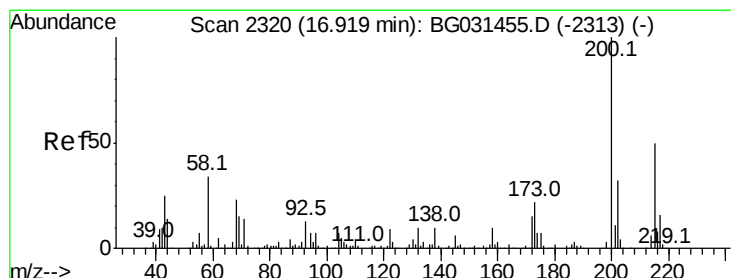
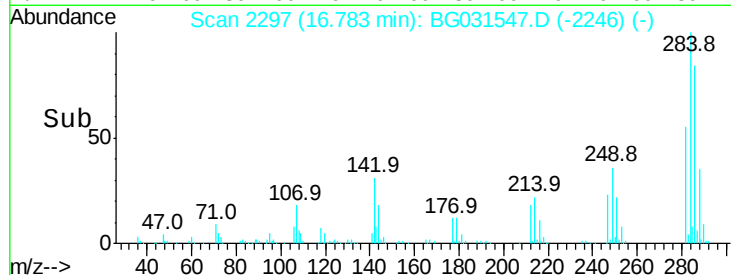
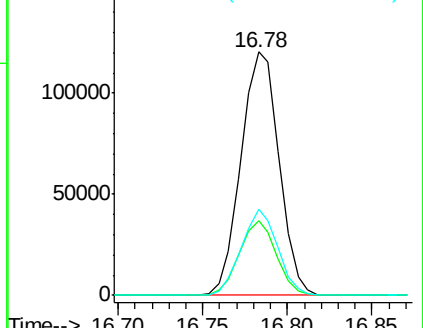
249 35.6 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 47.408 ng

RT: 16.92 min Scan# 2320

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

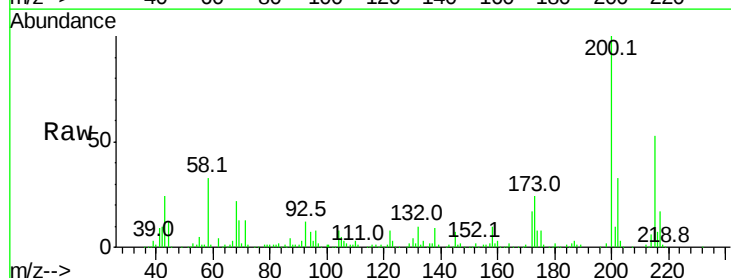
Tgt Ion:200 Resp: 211734

Ion Ratio Lower Upper

200 100

173 24.3 5.2 45.2

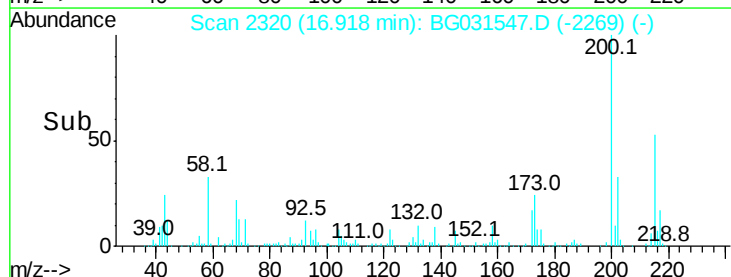
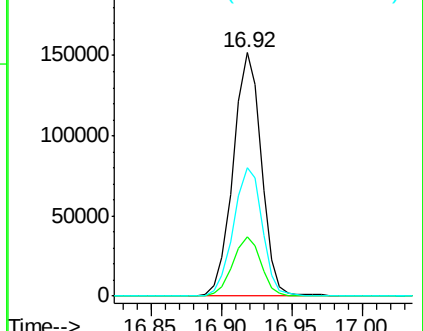
215 52.6 30.4 70.4

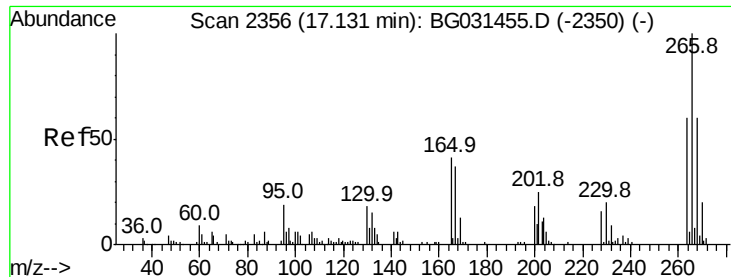


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

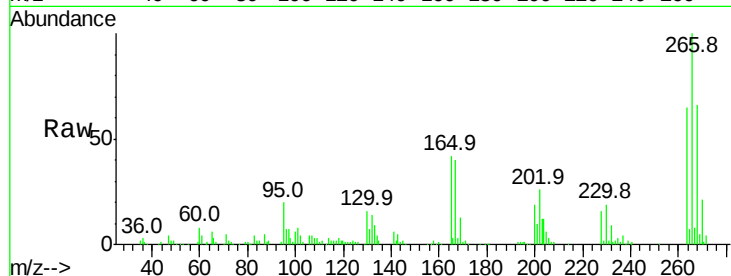




#69
 Pentachlorophenol
 Concen: 61.049 ng
 RT: 17.13 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.6	51.1	76.7
264	64.8	49.6	74.4

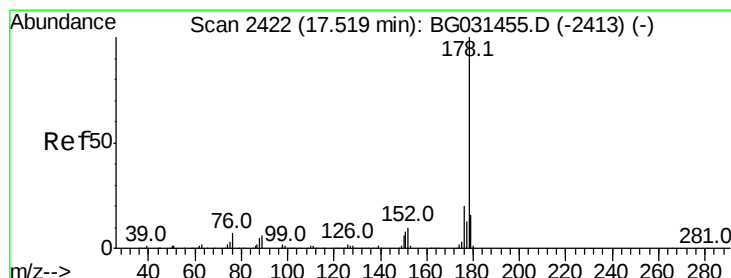
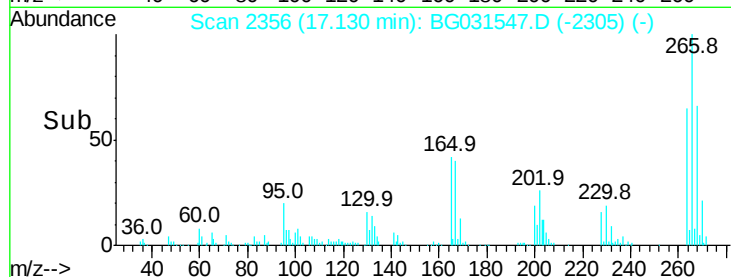
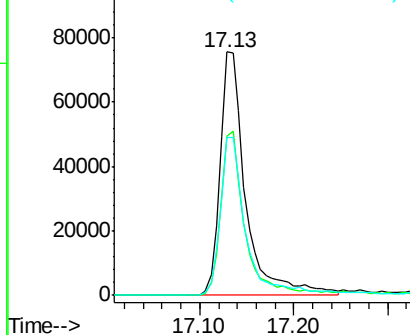


Abundance

Ion 265.70 (265.40 to 266.40): E

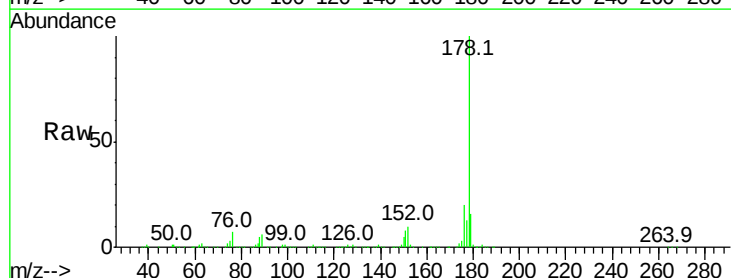
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 39.631 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	16.4	12.5	18.7

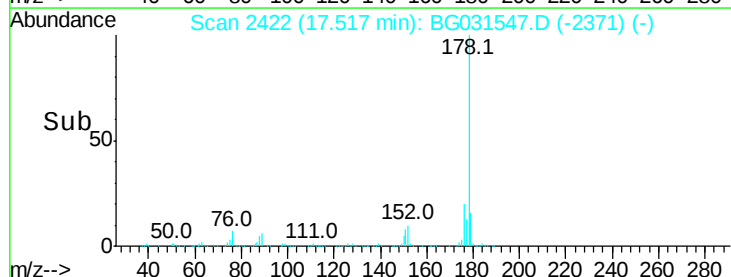
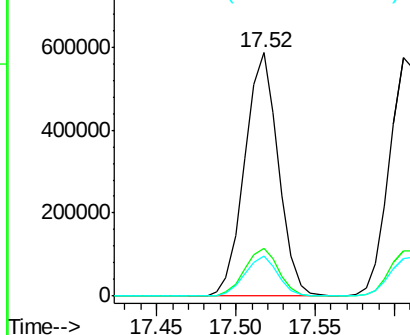


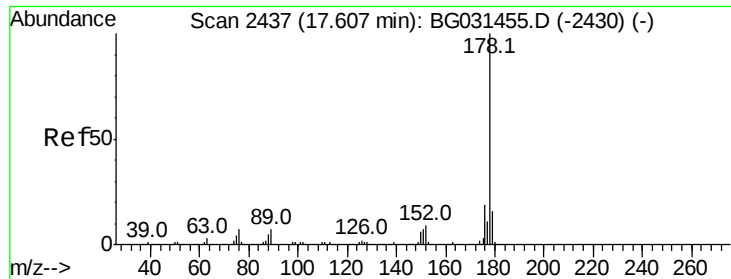
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

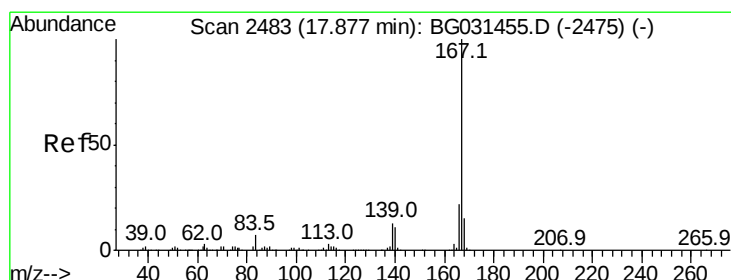
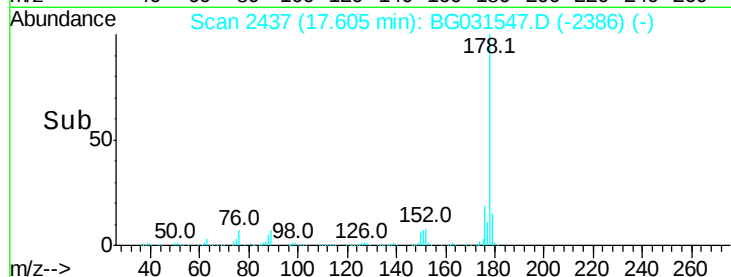
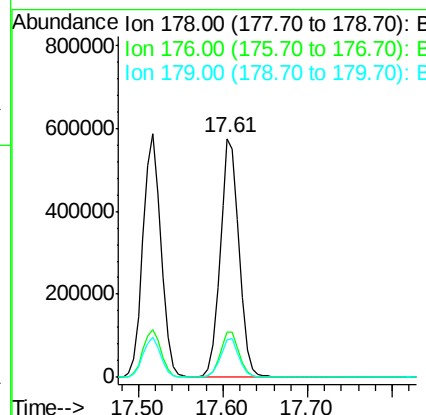
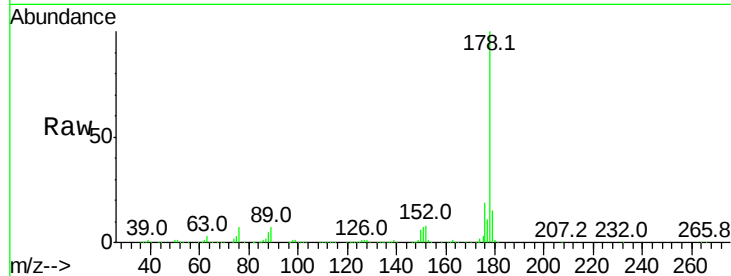




#71
 Anthracene
 Concen: 41.563 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

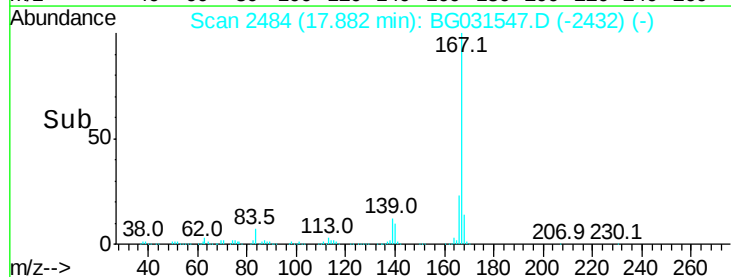
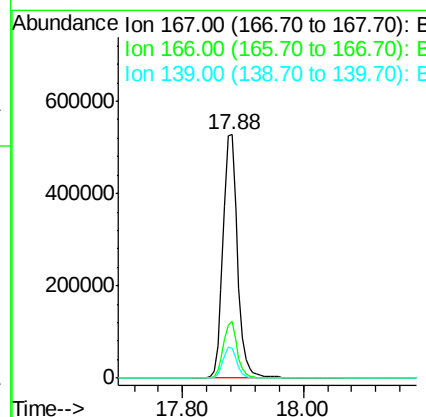
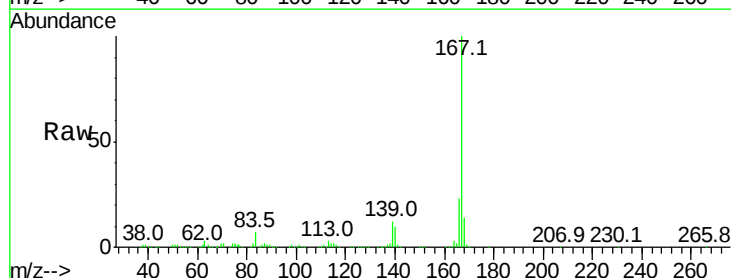
Instrument :
 BNA_G
 ClientSampleId :

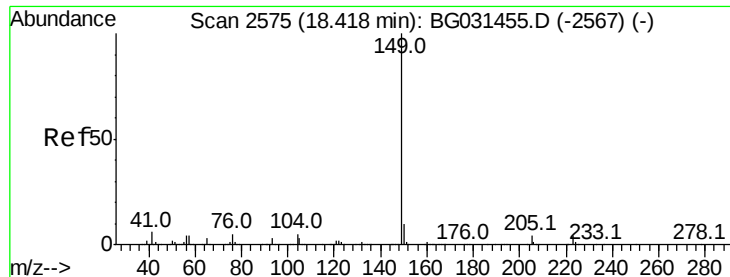
Tot Ion:178 Resp: 895871
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 15.5 12.5 18.7



#72
 Carbazole
 Concen: 44.685 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. 0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion:167 Resp: 871624
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.2 27.4
 139 12.0 9.4 14.2

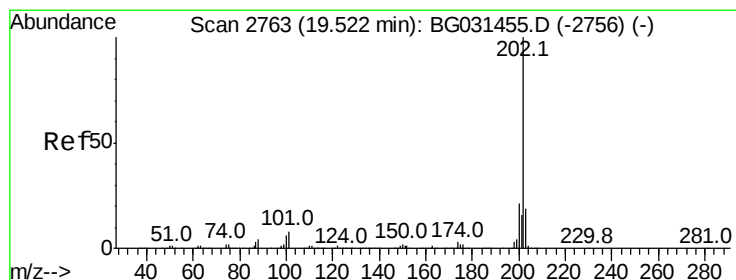
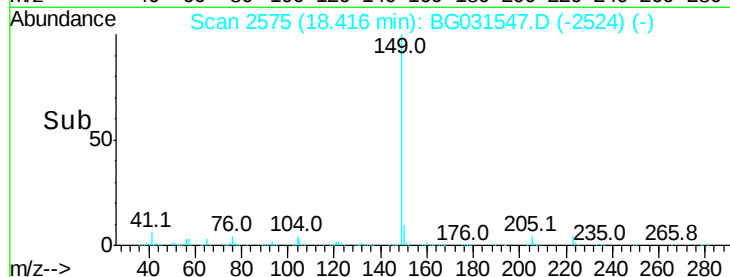
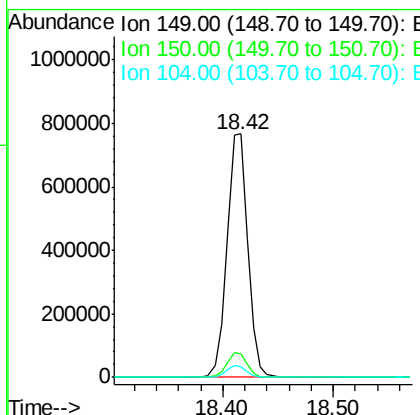
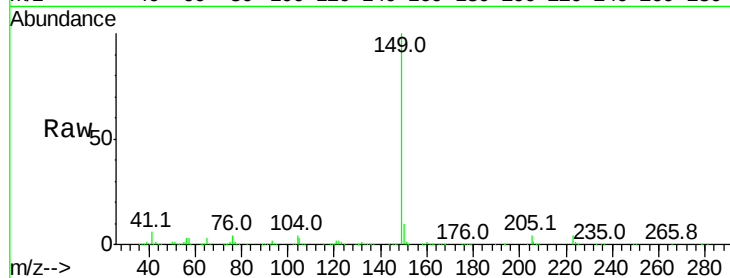




#73
Di-n-butylphthalate
Concen: 44.863 ng
RT: 18.42 min Scan# 2575
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

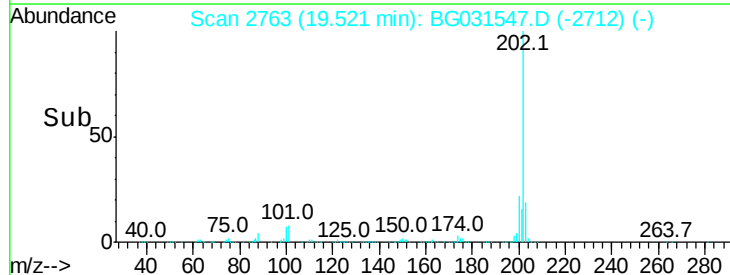
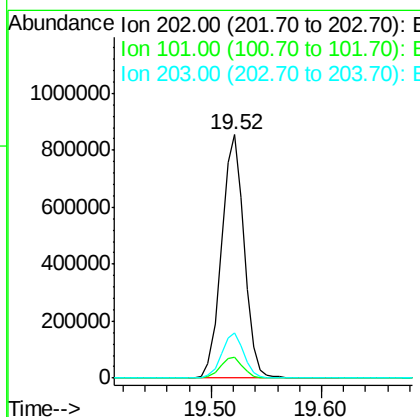
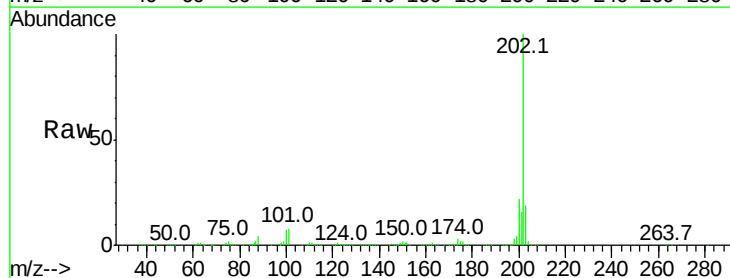
Instrument :
BNA_G
ClientSampled :

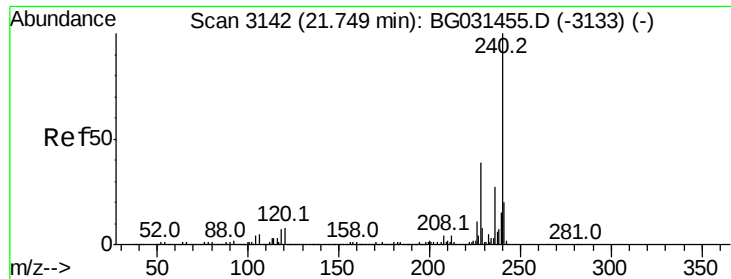
Tot Ion:149 Resp: 1010555
Ion Ratio Lower Upper
149 100
150 9.6 7.8 11.6
104 4.5 3.9 5.9



#74
Fluoranthene
Concen: 44.696 ng
RT: 19.52 min Scan# 2763
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:202 Resp: 1219054
Ion Ratio Lower Upper
202 100
101 8.5 0.0 28.9
203 18.8 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

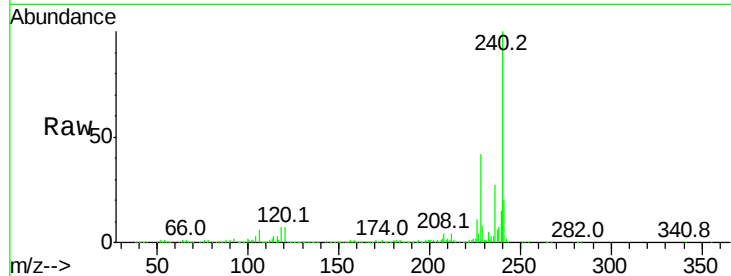
Tot Ion:240 Resp: 498729

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

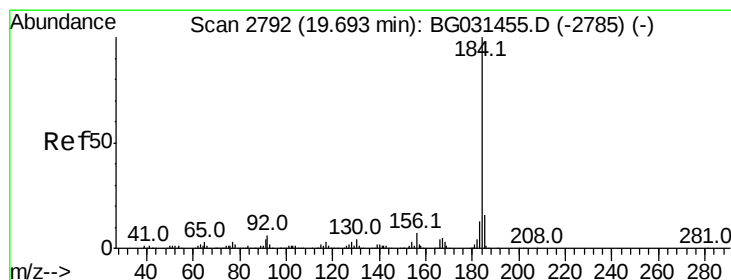
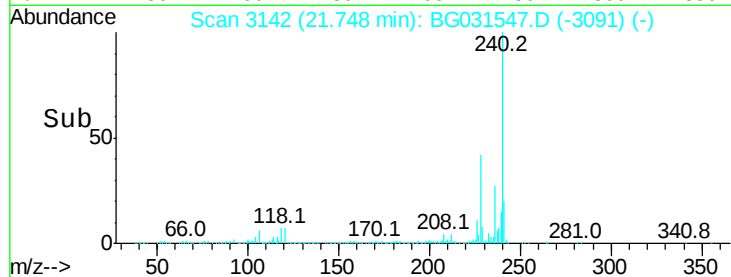
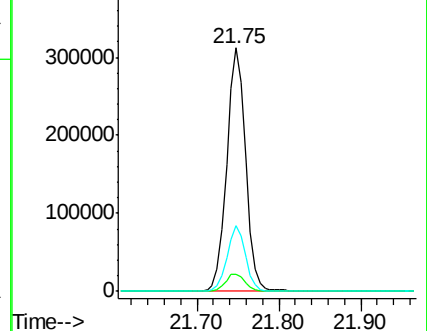
236 26.8 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 40.335 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

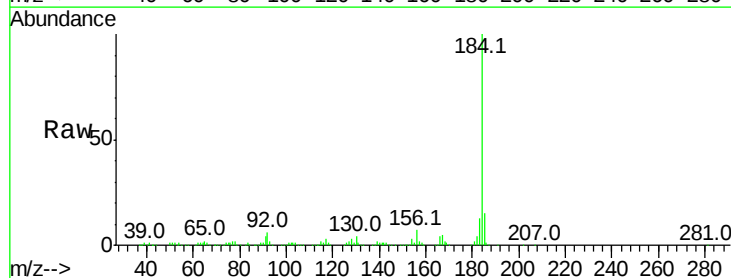
Tgt Ion:184 Resp: 468147

Ion Ratio Lower Upper

184 100

185 15.2 11.1 16.7

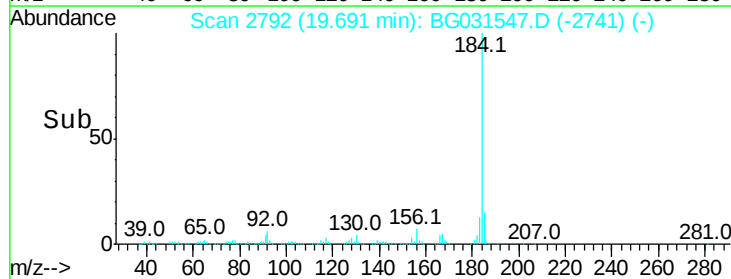
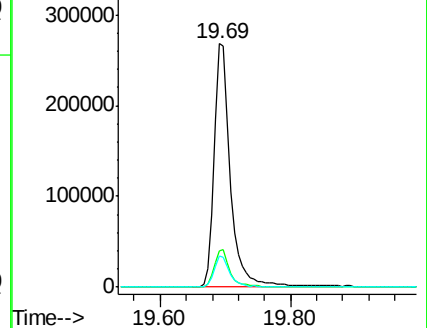
183 12.6 10.6 16.0

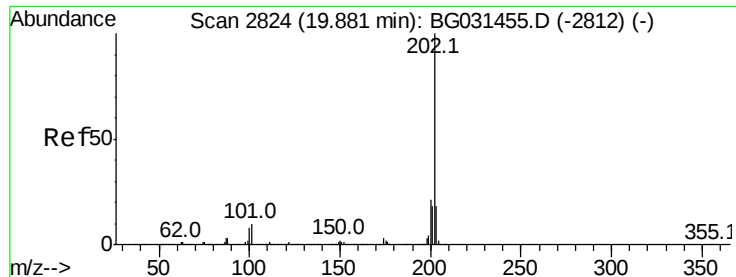


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

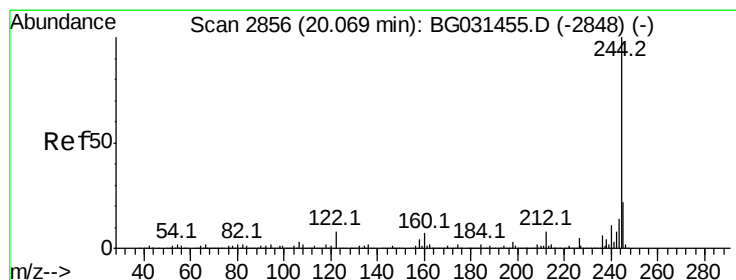
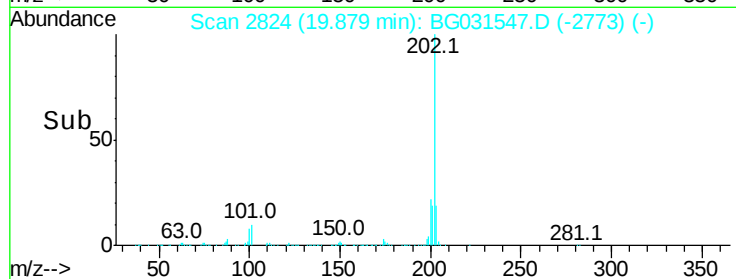
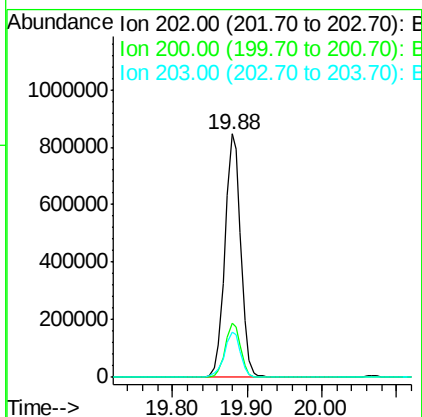
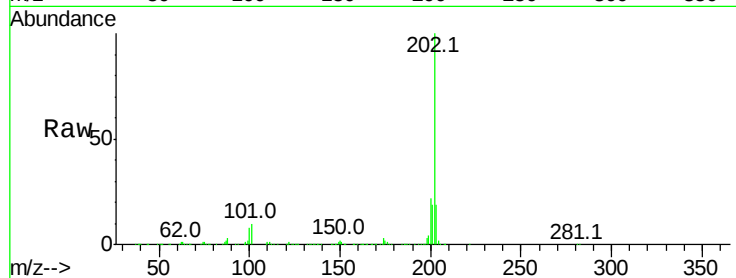




#77
Pvrene
Concen: 40.589 ng
RT: 19.88 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

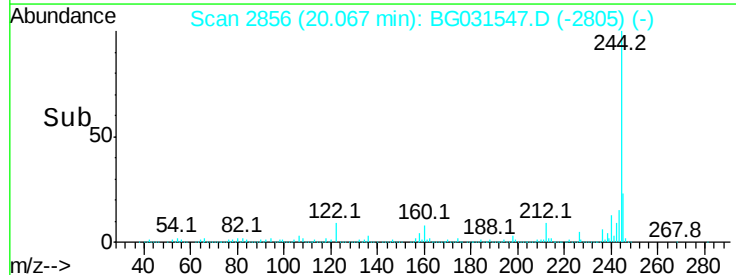
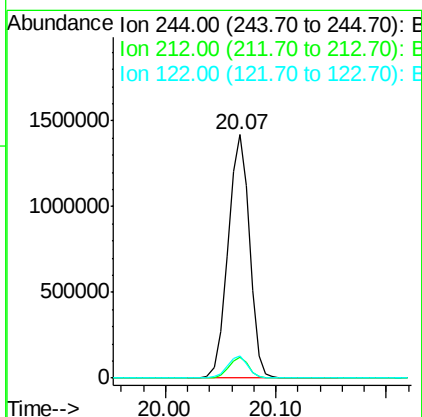
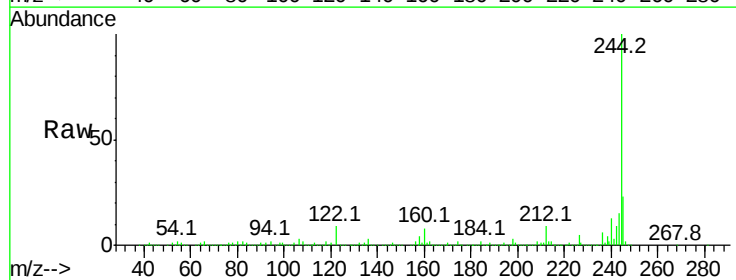
Instrument :
BNA_G
ClientSampleId :

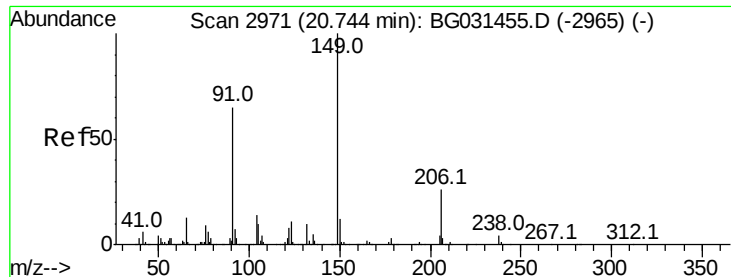
Tot Ion:202 Resp: 1257812
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 18.8 13.9 20.9



#78
Terphenyl-d14
Concen: 88.495 ng
RT: 20.07 min Scan# 2856
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:244 Resp: 1939853
Ion Ratio Lower Upper
244 100
212 8.8 5.8 8.8#
122 8.9 7.0 10.4

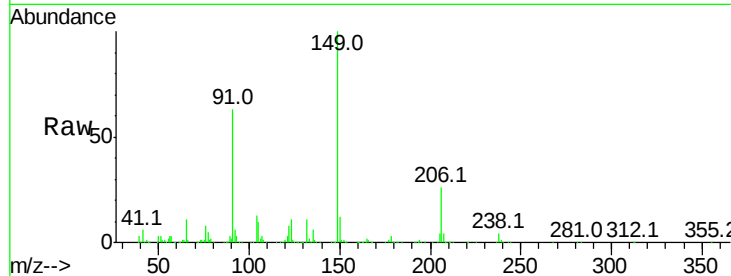




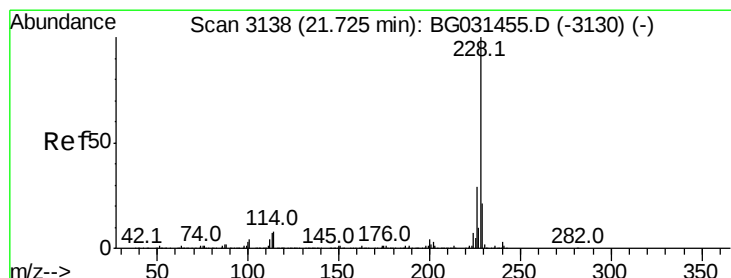
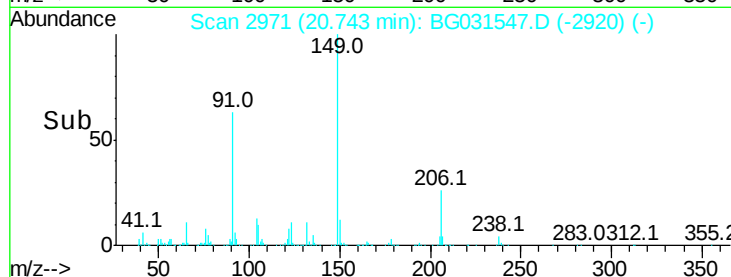
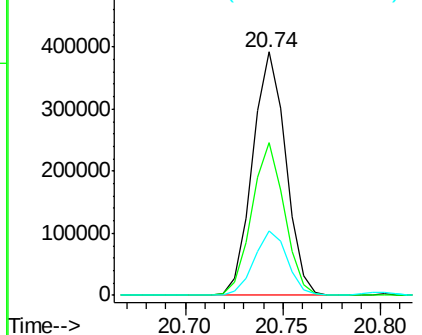
#79
Butylbenzylphthalate
Concen: 42.574 ng
RT: 20.74 min Scan# 2971
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	62.8	62.2	93.2
206	26.5	18.6	27.8

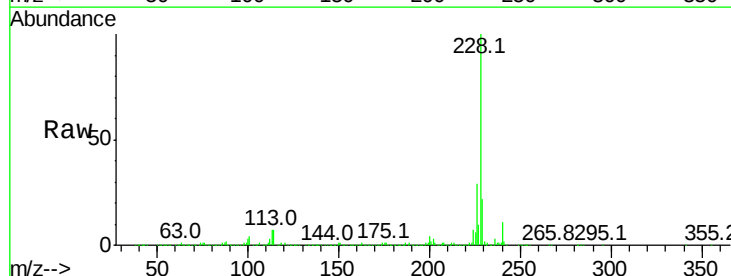


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

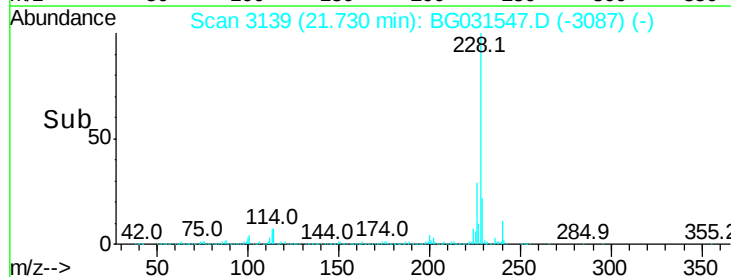
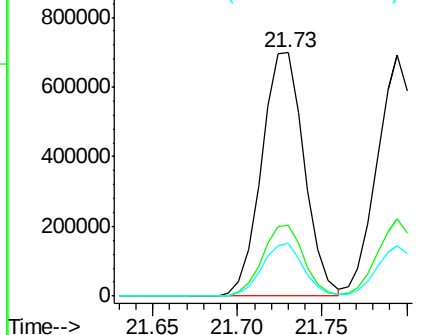


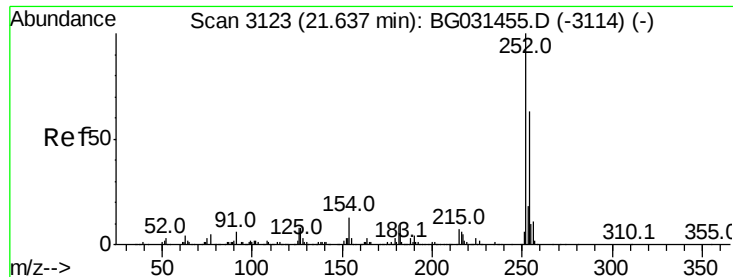
#80
Benzo(a)anthracene
Concen: 40.648 ng
RT: 21.73 min Scan# 3139
Delta R.T. 0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.7	34.1
229	21.8	16.2	24.2



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

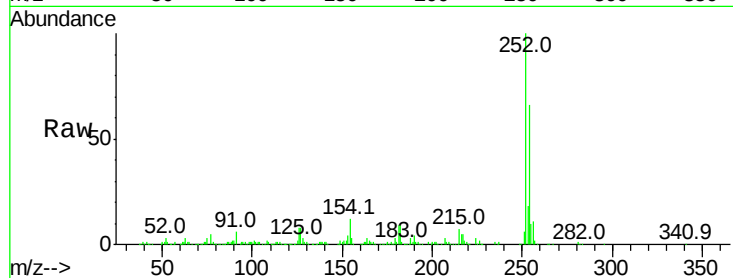




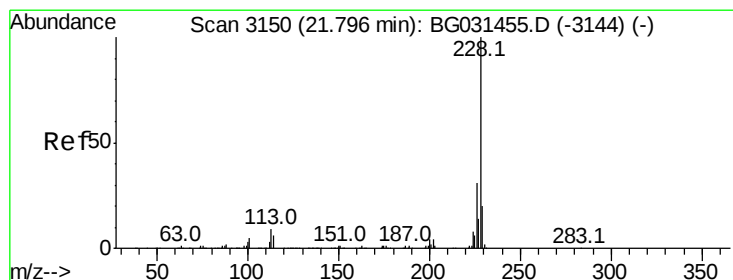
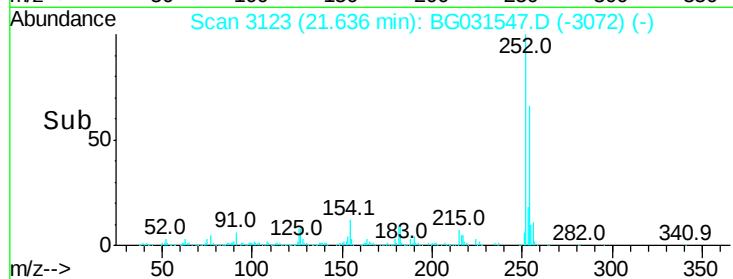
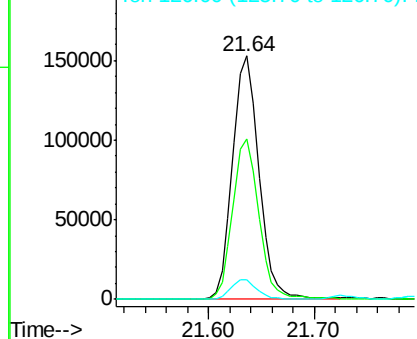
#81
 3,3'-Dichlorobenzidine
 Concen: 25.281 ng
 RT: 21.64 min Scan# 3123
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.7	50.8	76.2
126	8.3	7.4	11.2

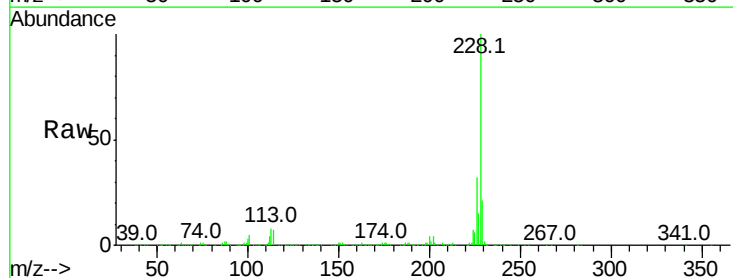


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

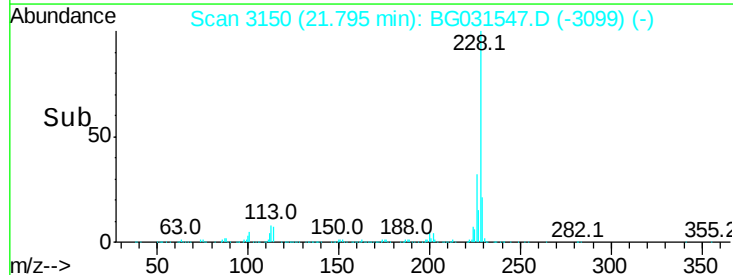
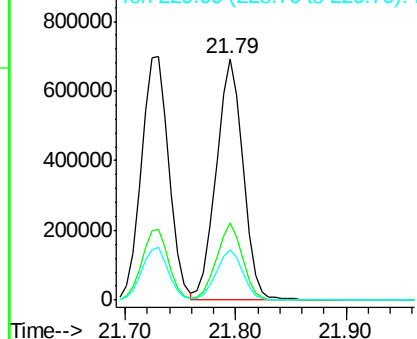


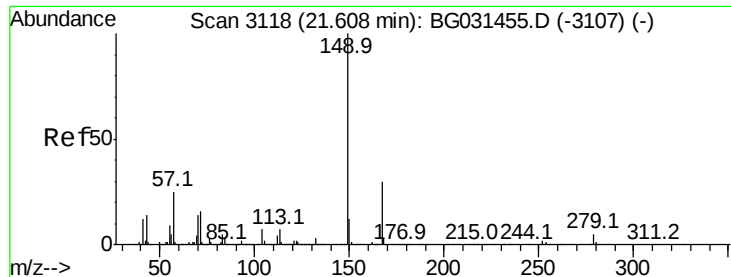
#82
 Chrysene
 Concen: 40.240 ng
 RT: 21.79 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.9	37.3
229	20.9	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

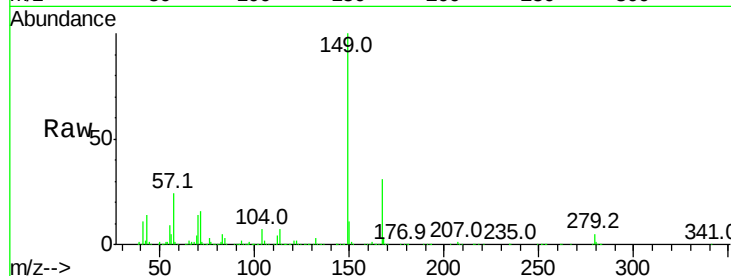




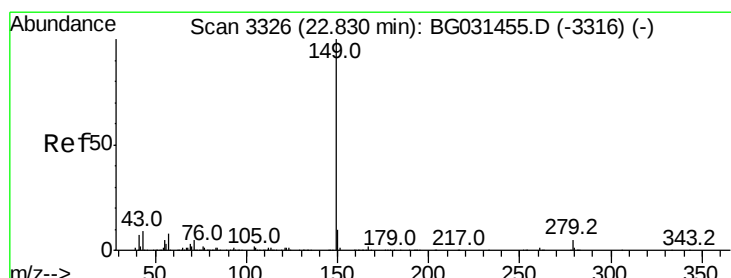
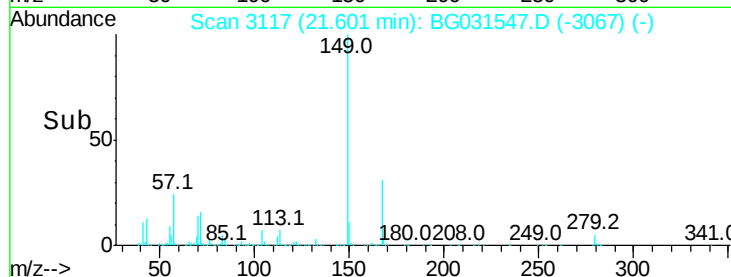
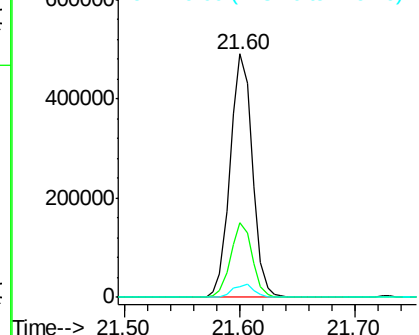
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.633 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 651164
 Ion Ratio Lower Upper
 149 100
 167 30.5 24.3 36.5
 279 4.6 4.0 6.0

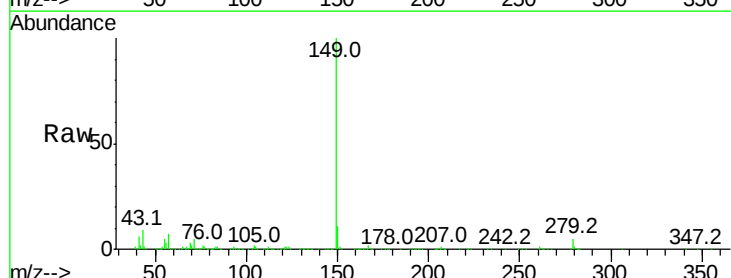


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

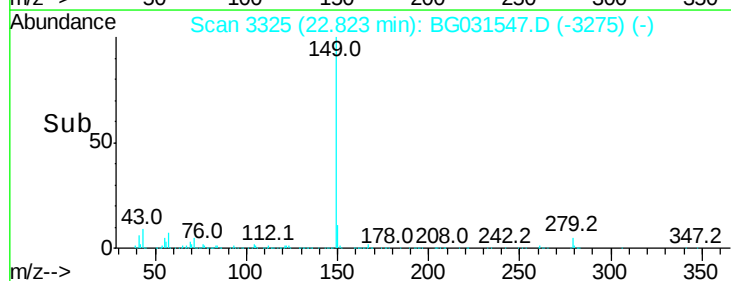
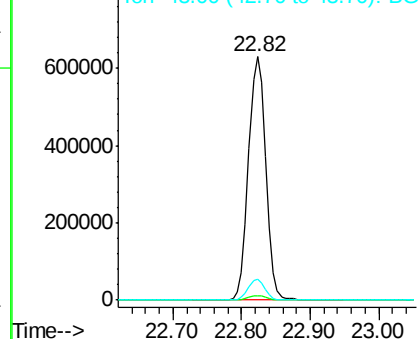


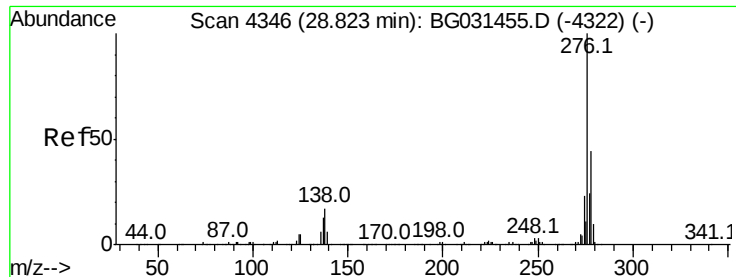
#84
 Di-n-octyl phthalate
 Concen: 43.013 ng
 RT: 22.82 min Scan# 3325
 Delta R.T. -0.01 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

Tgt Ion:149 Resp: 1109720
 Ion Ratio Lower Upper
 149 100
 167 1.8 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



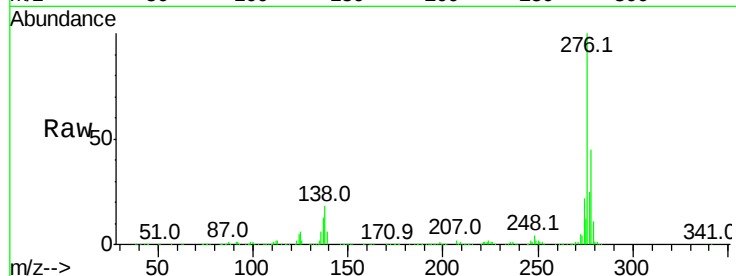


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.549 ng
 RT: 28.82 min Scan# 4345
 Delta R.T. -0.01 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

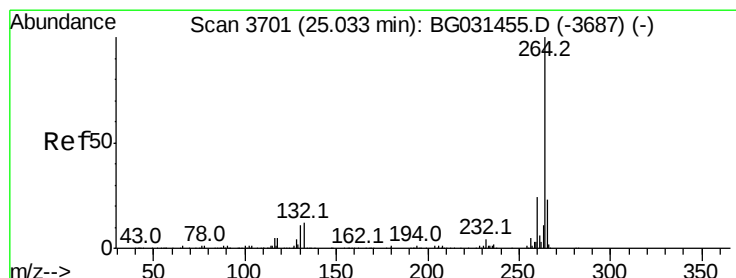
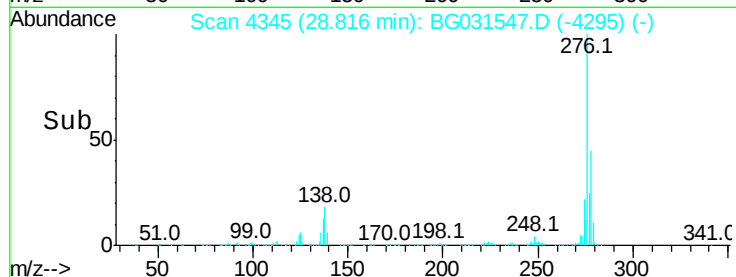
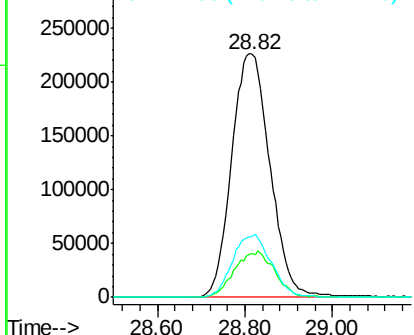
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1343107

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.0	24.0
277	26.0	20.0	30.0



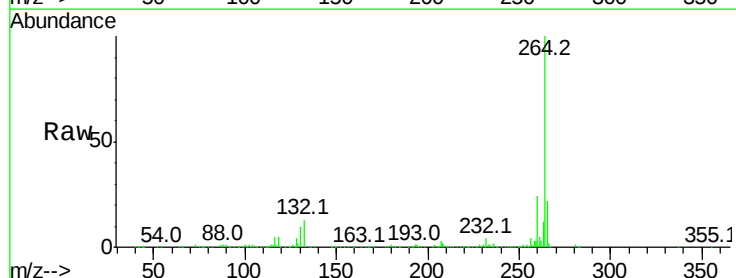
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



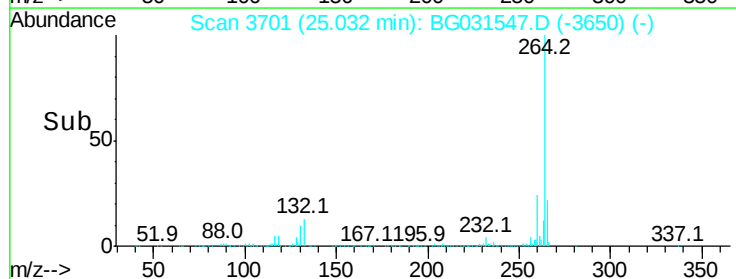
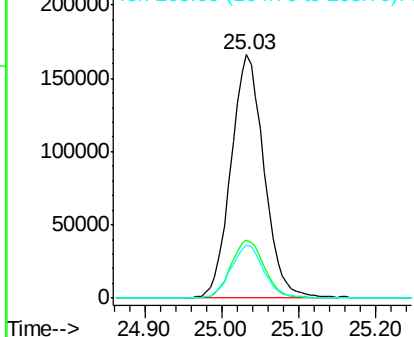
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.03 min Scan# 3701
 Delta R.T. -0.00 min
 Lab File: BG031547.D
 Acq: 14 Dec 2017 3:15

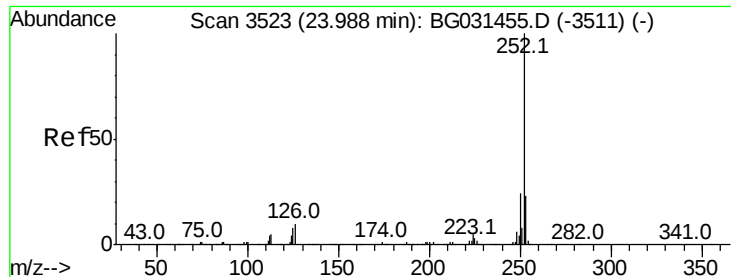
Tgt Ion:264 Resp: 499562

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.8	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.951 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

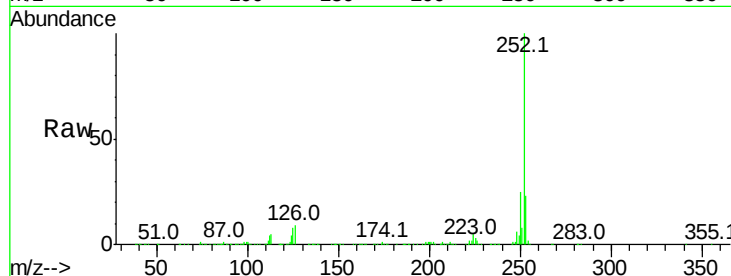
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1223057

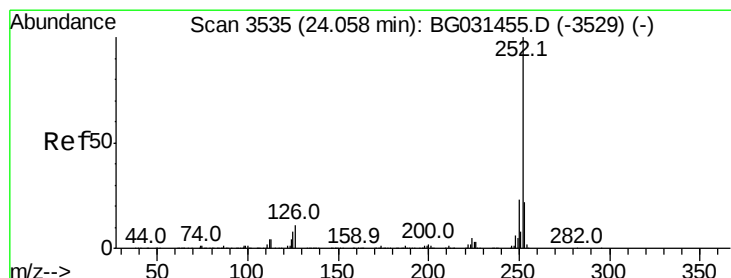
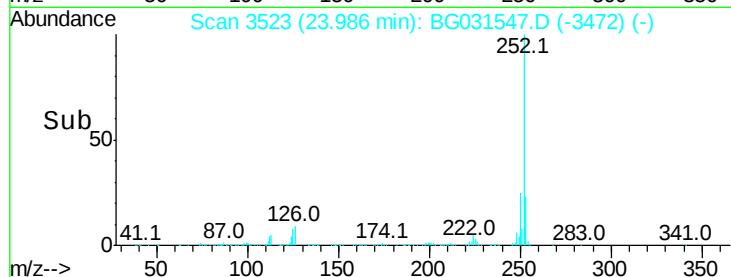
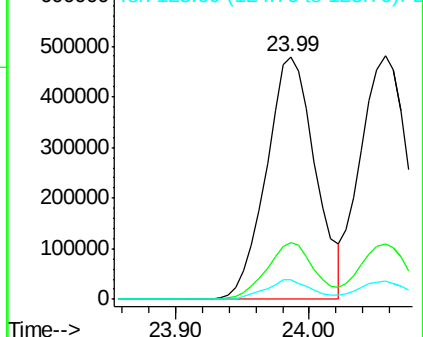
Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.4
125	7.9	7.2	10.8



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



#88

Benzo(k)fluoranthene

Concen: 39.034 ng

RT: 24.06 min Scan# 3535

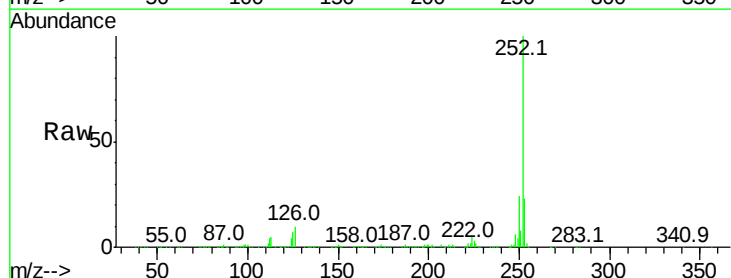
Delta R.T. -0.00 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Tgt Ion:252 Resp: 1189710

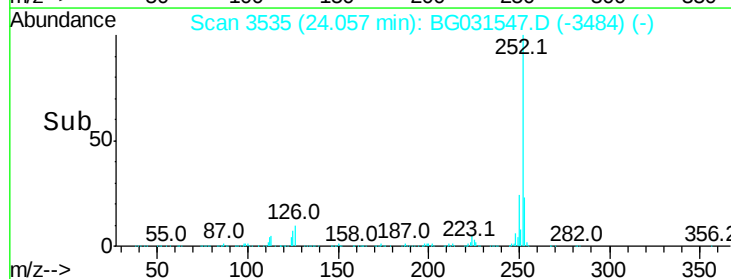
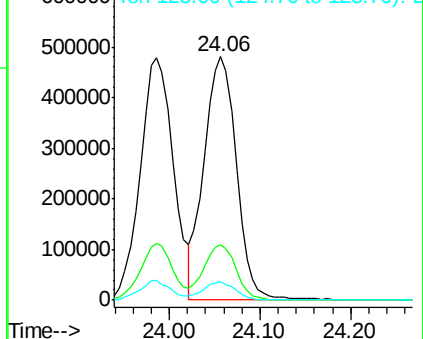
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.2
125	7.4	6.6	9.8

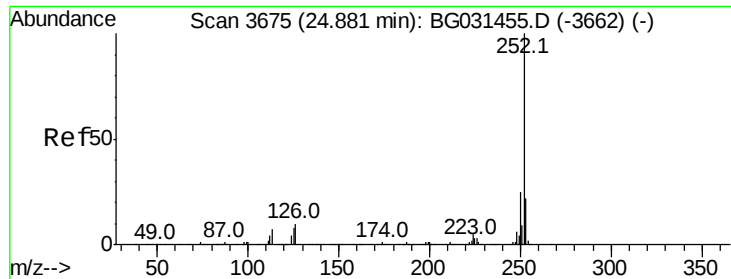


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

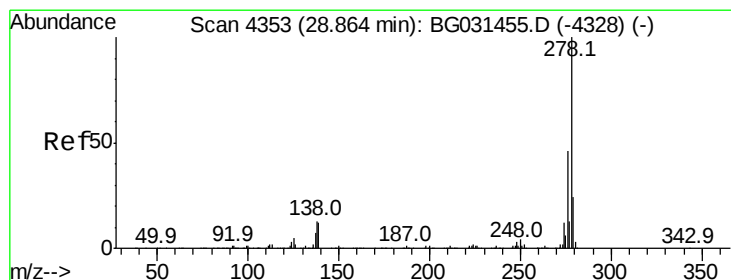
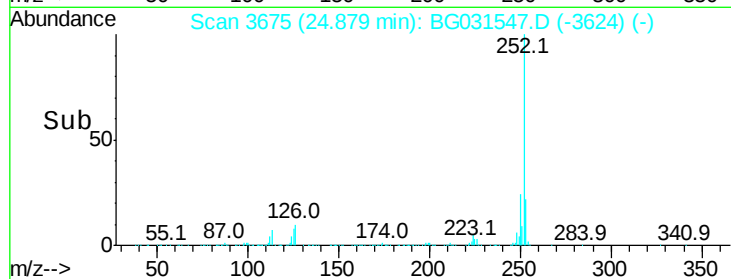
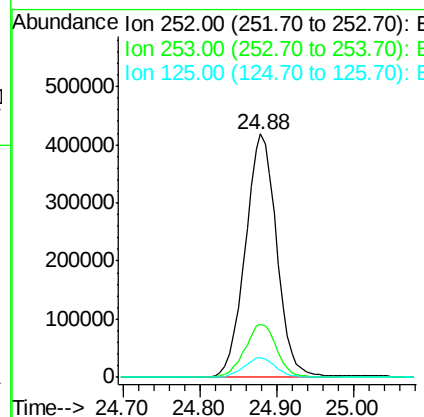
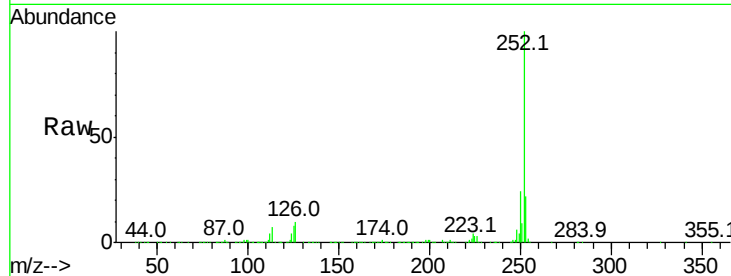




#89
Benzo(a)pyrene
Concen: 41.968 ng
RT: 24.88 min Scan# 3675
Delta R.T. -0.00 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

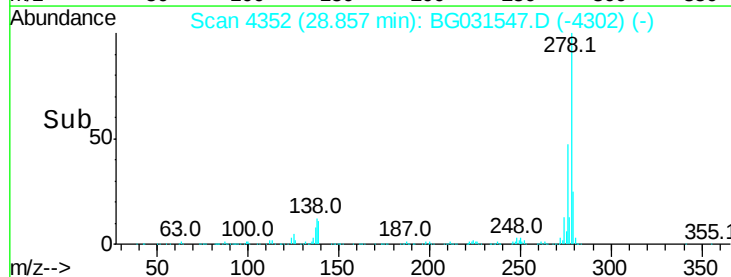
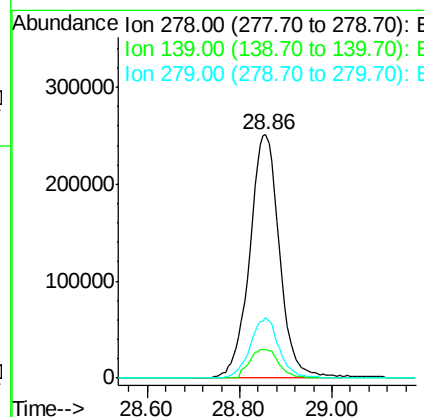
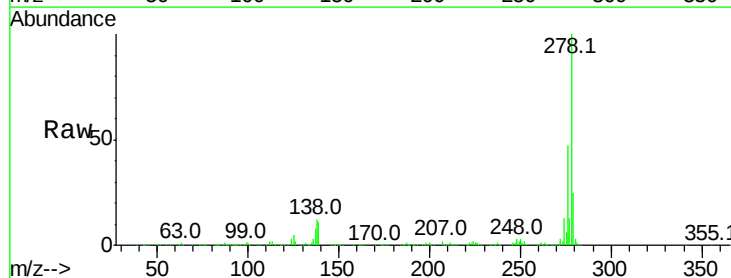
Instrument :
BNA_G
ClientSampleId :

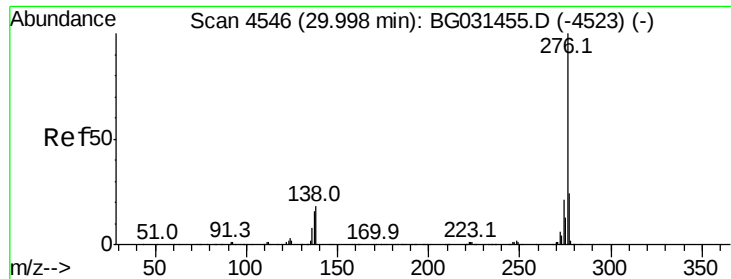
Tot Ion:252 Resp: 1189050
Ion Ratio Lower Upper
252 100
253 21.8 18.3 27.5
125 7.9 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 41.560 ng
RT: 28.86 min Scan# 4352
Delta R.T. -0.01 min
Lab File: BG031547.D
Acq: 14 Dec 2017 3:15

Tgt Ion:278 Resp: 1125981
Ion Ratio Lower Upper
278 100
139 11.5 9.8 14.6
279 24.9 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 42.678 ng

RT: 29.99 min Scan# 4545

Delta R.T. -0.01 min

Lab File: BG031547.D

Acq: 14 Dec 2017 3:15

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1136777

Ion Ratio Lower Upper

276 100

277 23.1 18.3 27.5

138 15.6 13.9 20.9

