

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
 Data File : BG031597.D
 Acq On : 15 Dec 2017 20:51
 Operator : SJ/JU
 Sample : PB105057BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 23:02:45 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	8.09	152	58748	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	260043	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	180780	20.00	ng	0.00
63) Phenanthrene-d10	17.46	188	475877	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	536711	20.00	ng	-0.01
86) Perylene-d12	25.02	264	478872	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	308849	93.18	ng	0.00
7) Phenol-d6	7.27	99	397639	86.42	ng	0.00
23) Nitrobenzene-d5	9.27	82	334208	79.22	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	191879	90.60	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	988687	80.28	ng	0.00
78) Terphenyl-d14	20.06	244	1758953	74.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	49929	31.572	ng	# 82
3) Pyridine	3.90	79	136620	32.812	ng	91
4) n-Nitrosodimethylamine	3.82	42	66682	34.001	ng	# 88
6) Aniline	7.42	93	96790	15.973	ng	93
8) 2-Chlorophenol	7.66	128	164710	44.552	ng	91
9) Benzaldehyde	7.24	77	94268	35.346	ng	86
10) Phenol	7.29	94	213425	45.154	ng	90
11) bis(2-Chloroethyl)ether	7.51	93	142390	36.910	ng	90
12) 1,3-Dichlorobenzene	7.98	146	172421	39.218	ng	96
13) 1,4-Dichlorobenzene	8.13	146	175779	38.470	ng	95
14) 1,2-Dichlorobenzene	8.45	146	167785	38.548	ng	98
15) Benzyl Alcohol	8.34	79	138106	38.370	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.62	45	207517	47.881	ng	89
17) 2-Methylphenol	8.55	107	141071	43.784	ng	97
18) Hexachloroethane	9.18	117	60365	39.193	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	113991	31.476	ng	# 95
20) 3+4-Methylphenols	8.88	107	194301	40.481	ng	95
22) Acetophenone	8.92	105	243063	38.962	ng	# 93
24) Nitrobenzene	9.31	77	175829	40.671	ng	# 87
25) Isophorone	9.83	82	326946	41.006	ng	# 91
26) 2-Nitrophenol	10.03	139	95377	44.615	ng	# 88
27) 2,4-Dimethylphenol	10.08	122	168704	51.949	ng	94
28) bis(2-Chloroethoxy)methane	10.31	93	205815	39.983	ng	98
29) 2,4-Dichlorophenol	10.57	162	186723	48.803	ng	92
30) 1,2,4-Trichlorobenzene	10.77	180	199561	40.833	ng	94
31) Naphthalene	10.96	128	491912	38.505	ng	98
32) Benzoic acid	10.24	122	38384	26.633	ng	# 80
33) 4-Chloroaniline	11.09	127	41750	7.527	ng	94
34) Hexachlorobutadiene	11.24	225	123015	37.946	ng	94
35) Caprolactam	11.85	113	31333	20.856	ng	# 64
36) 4-Chloro-3-methylphenol	12.20	107	186926	42.801	ng	# 86
37) 2-Methylnaphthalene	12.56	142	392771	39.708	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	261934	37.073	ng	97
40) Hexachlorocyclopentadiene	12.90	237	149592	67.062	ng	94

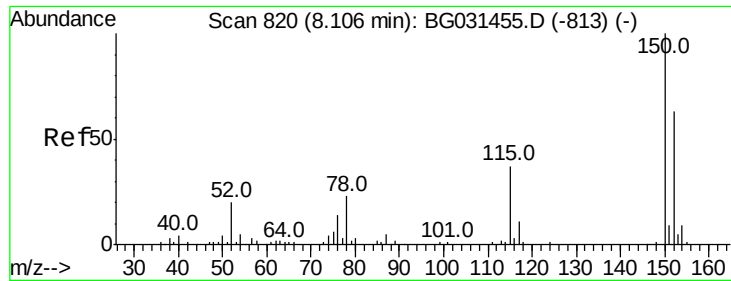
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG121517\
 Data File : BG031597.D
 Acq On : 15 Dec 2017 20:51
 Operator : SJ/JU
 Sample : PB105057BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 23:02:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	164472	45.563	ng	98
43) 2,4,5-Trichlorophenol	13.26	196	177003	45.520	ng	# 90
45) 1,1'-Biphenyl	13.56	154	560111	37.723	ng	97
46) 2-Chloronaphthalene	13.60	162	436635	40.178	ng	95
47) 2-Nitroaniline	13.81	65	121017	39.628	ng	# 76
48) Acenaphthylene	14.45	152	664631	38.008	ng	99
49) Dimethylphthalate	14.17	163	600940	40.152	ng	99
50) 2,6-Dinitrotoluene	14.30	165	136901	42.794	ng	# 77
51) Acenaphthene	14.79	154	413614	37.407	ng	99
52) 3-Nitroaniline	14.64	138	49816	15.276	ng	# 86
53) 2,4-Dinitrophenol	14.86	184	87798	67.376	ng	# 47
54) Dibenzofuran	15.12	168	692807	39.265	ng	100
55) 4-Nitrophenol	14.96	139	189721	85.829	ng	# 80
56) 2,4-Dinitrotoluene	15.10	165	197001	43.357	ng	# 72
57) Fluorene	15.77	166	555098	39.264	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.36	232	178150	48.742	ng	# 89
59) Diethylphthalate	15.53	149	593977	39.593	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	328932	38.029	ng	91
61) 4-Nitroaniline	15.80	138	141609	41.379	ng	84
62) Azobenzene	16.05	77	468866	37.728	ng	93
64) 4,6-Dinitro-2-methylphenol	15.87	198	95832	34.777	ng	# 74
65) n-Nitrosodiphenylamine	15.97	169	529144	37.988	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	222342	40.180	ng	97
67) Hexachlorobenzene	16.78	284	226107	39.570	ng	96
68) Atrazine	16.91	200	229896	45.139	ng	98
69) Pentachlorophenol	17.12	266	171333	63.625	ng	98
70) Phenanthrene	17.51	178	970208	39.038	ng	98
71) Anthracene	17.60	178	1007110	40.973	ng	99
72) Carbazole	17.87	167	940501	42.281	ng	99
73) Di-n-butylphthalate	18.41	149	1049833	40.869	ng	100
74) Fluoranthene	19.52	202	1293598	41.591	ng	98
76) Benzidine	19.69	184	370157	29.636	ng	98
77) Pyrene	19.87	202	1326794	39.785	ng	97
79) Butylbenzylphthalate	20.74	149	519321	44.389	ng	# 82
80) Benzo(a)anthracene	21.72	228	1328320	41.004	ng	99
81) 3,3'-Dichlorobenzidine	21.62	252	341653	30.303	ng	99
82) Chrysene	21.79	228	1243864	40.052	ng	97
83) Bis(2-ethylhexyl)phthalate	21.60	149	694480	41.260	ng	100
84) Di-n-octyl phthalate	22.81	149	1129942	40.698	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.78	276	1226437	36.952	ng	# 89
87) Benzo(b)fluoranthene	24.05	252	1206681	42.148	ng	99
88) Benzo(k)fluoranthene	24.05	252	1206681	41.301	ng	98
89) Benzo(a)pyrene	24.87	252	1161359	42.762	ng	98
90) Dibenzo(a,h)anthracene	28.83	278	1021825	39.345	ng	98
91) Benzo(g,h,i)perylene	29.96	276	1027666	40.249	ng	97

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

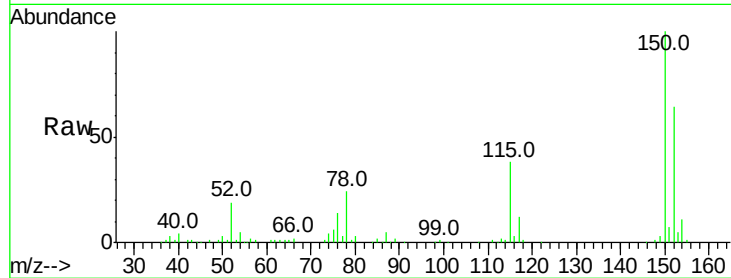


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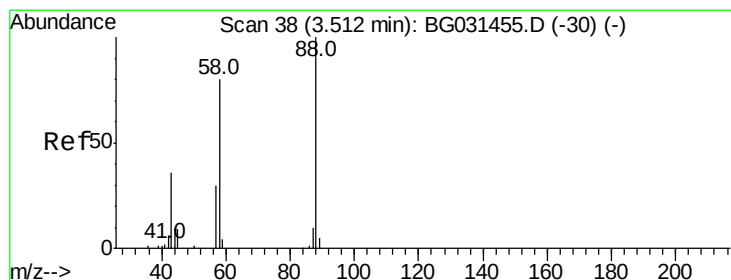
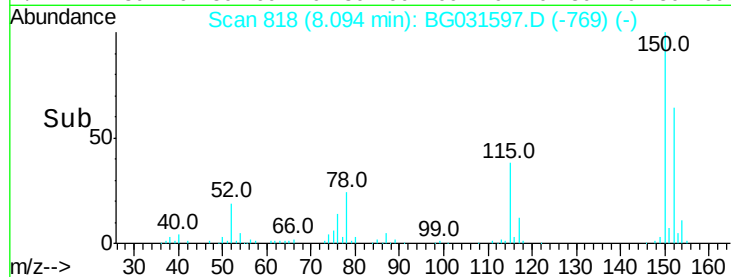
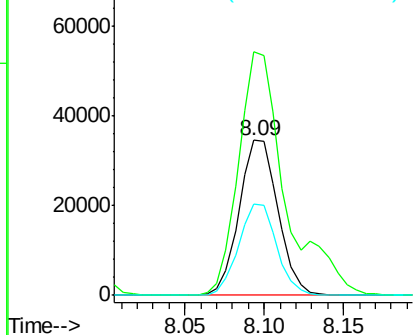
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58748
Ion Ratio Lower Upper
152 100
150 157.2 126.6 189.8
115 59.1 53.0 79.4



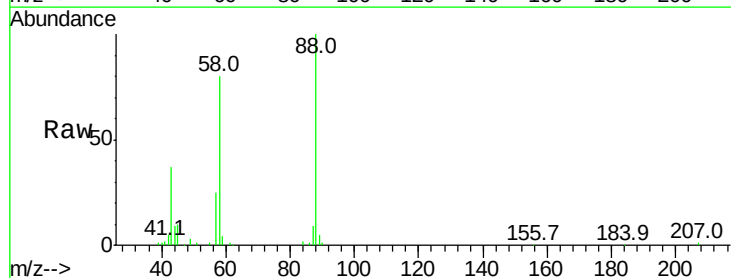
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



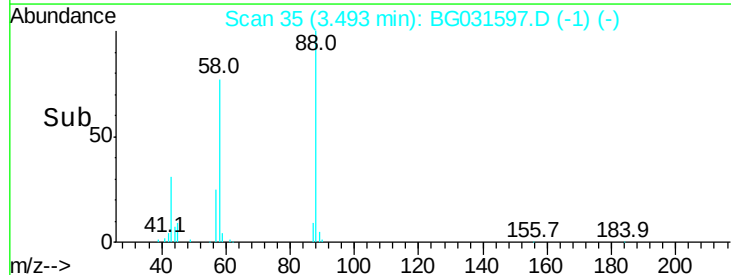
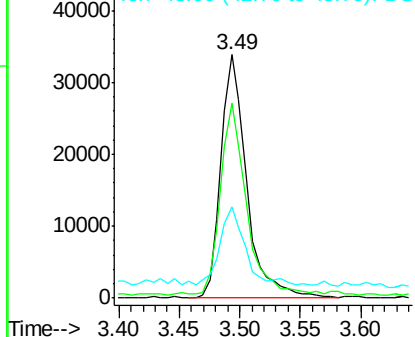
#2

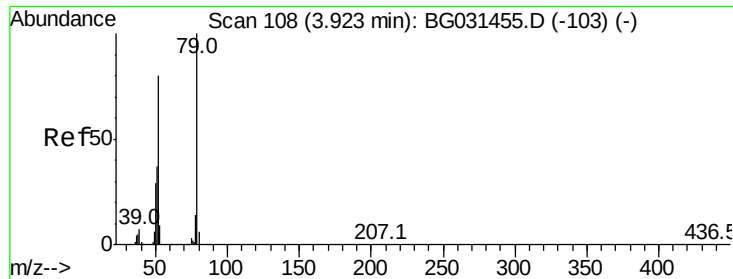
1,4-Dioxane
Concen: 31.572 ng
RT: 3.49 min Scan# 35
Delta R.T. -0.02 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion: 88 Resp: 49929
Ion Ratio Lower Upper
88 100
58 77.6 79.6 119.4#
43 31.1 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: 32.812 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

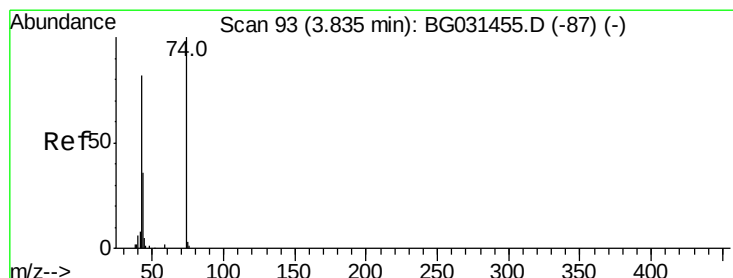
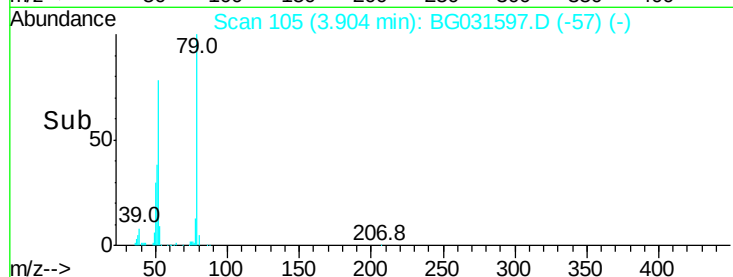
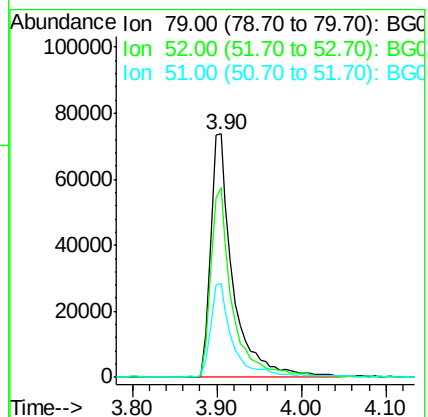
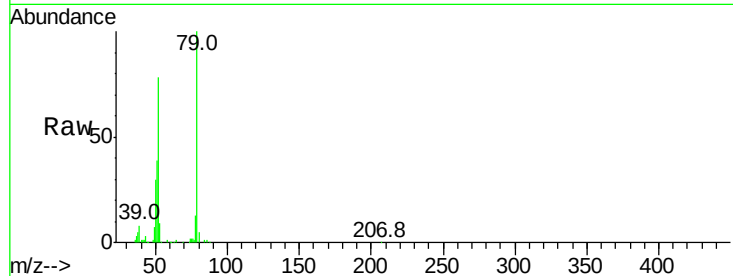
Tot Ion: 79 Resp: 136620

Ion Ratio Lower Upper

79 100

52 77.9 69.9 104.9

51 38.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 34.001 ng

RT: 3.82 min Scan# 91

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

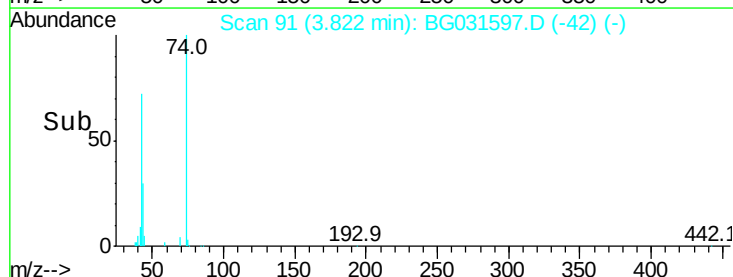
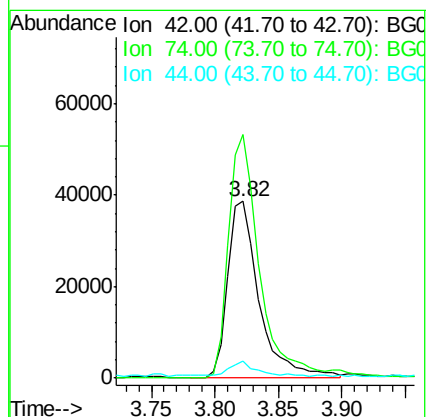
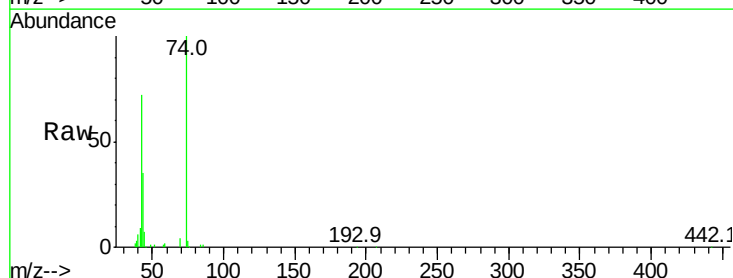
Tgt Ion: 42 Resp: 66682

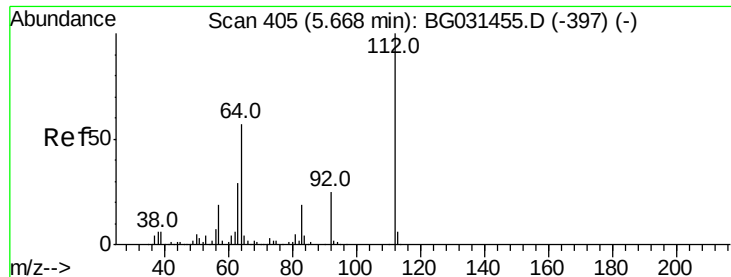
Ion Ratio Lower Upper

42 100

74 138.0 102.5 153.7

44 9.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 93.185 ng

RT: 5.66 min Scan# 404

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampled :

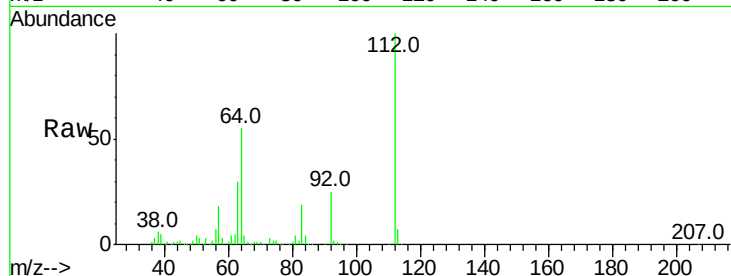
Tot Ion:112 Resp: 308849

Ion Ratio Lower Upper

112 100

64 55.3 56.3 84.5#

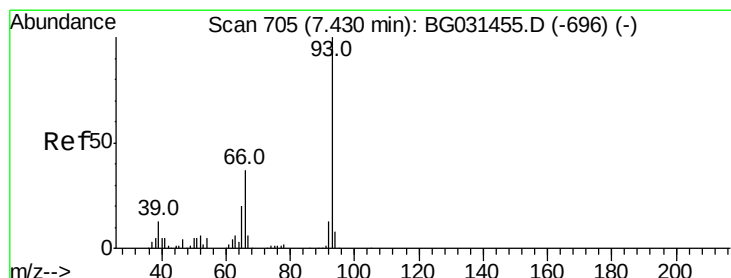
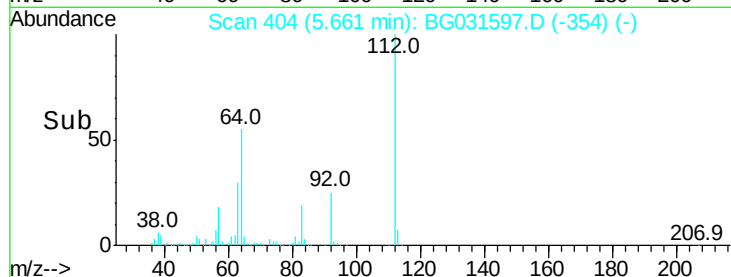
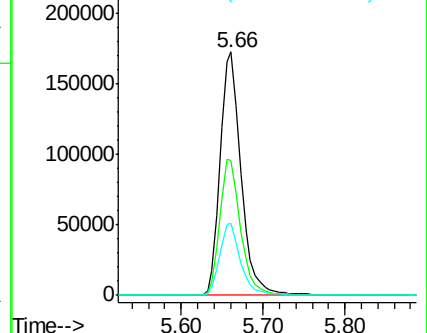
63 29.5 30.1 45.1#



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: 15.973 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

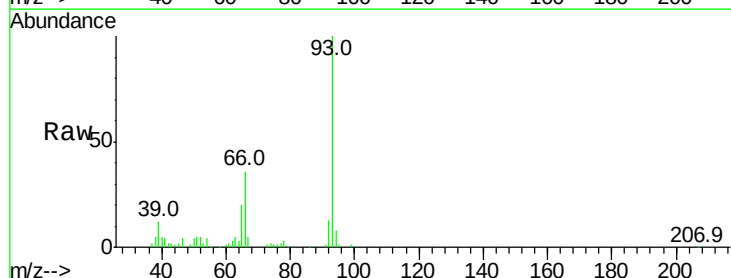
Tgt Ion: 93 Resp: 96790

Ion Ratio Lower Upper

93 100

66 35.9 33.7 50.5

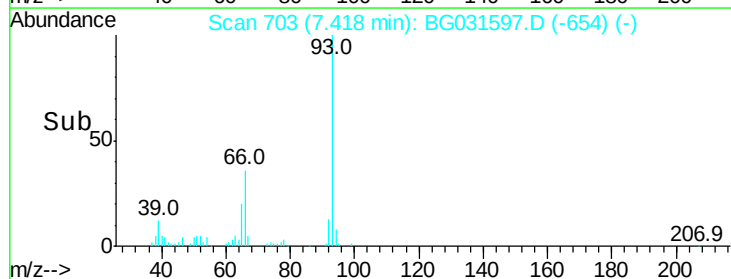
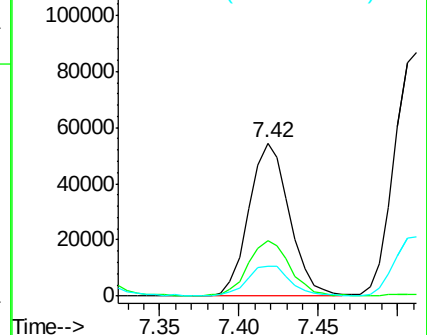
65 19.6 16.1 24.1

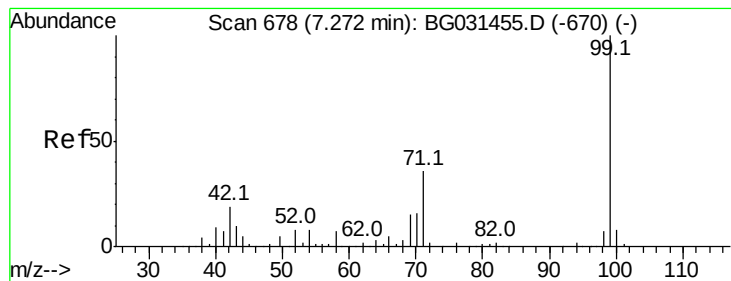


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.422 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampled :

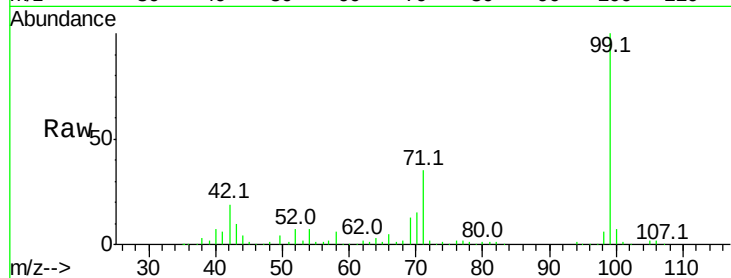
Tot Ion: 99 Resp: 397639

Ion Ratio Lower Upper

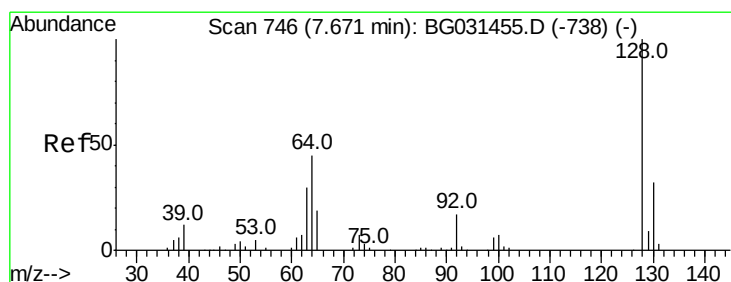
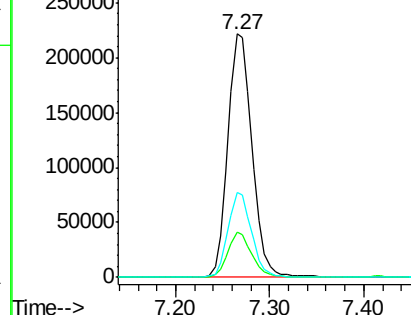
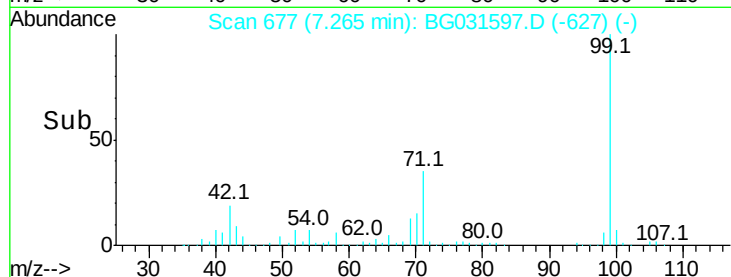
99 100

42 18.5 14.1 21.1

71 35.1 26.1 39.1



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



#8

2-Chlorophenol

Concen: 44.552 ng

RT: 7.66 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

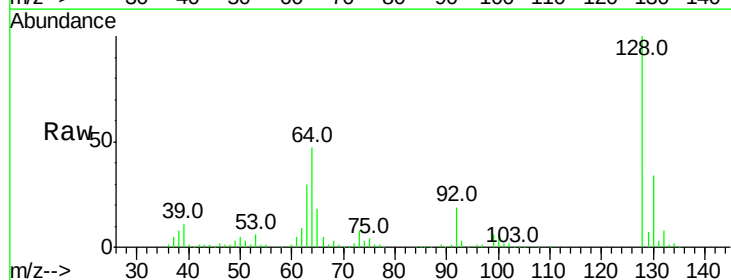
Tgt Ion:128 Resp: 164710

Ion Ratio Lower Upper

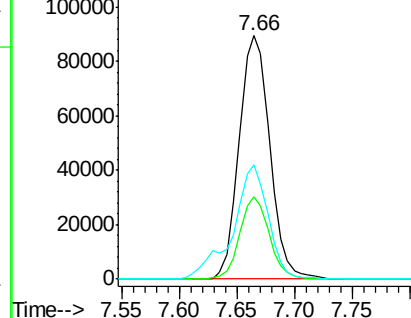
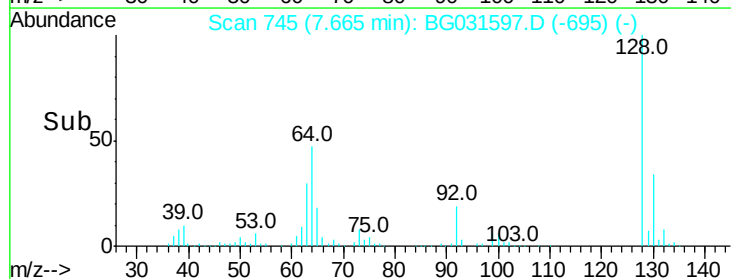
128 100

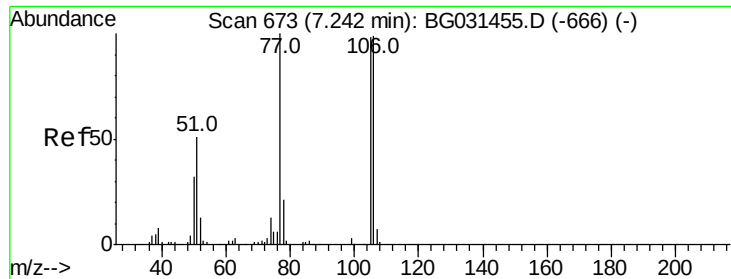
130 33.8 14.0 54.0

64 47.1 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: 35.346 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

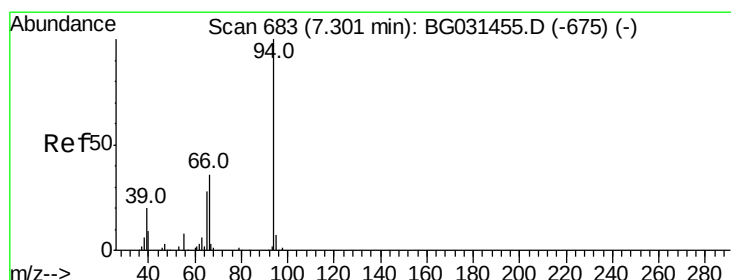
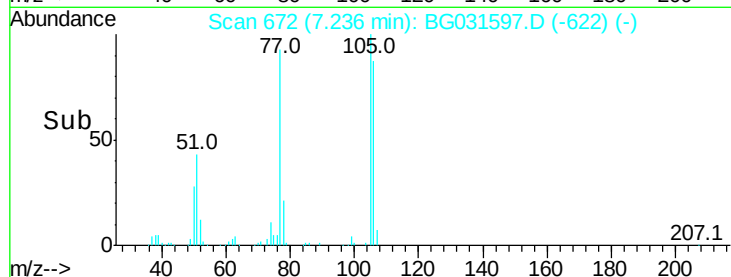
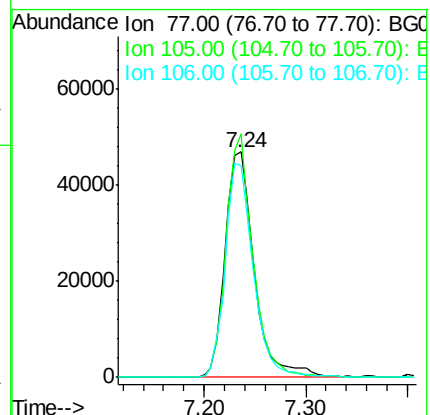
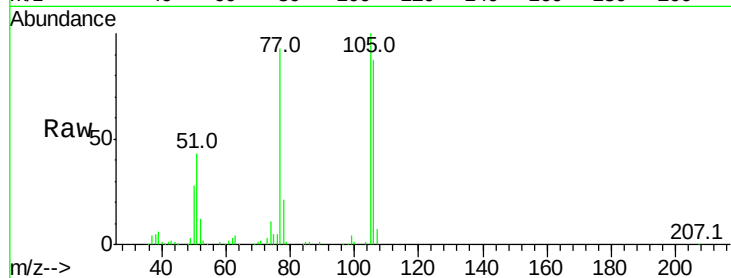
Tot Ion: 77 Resp: 94268

Ion Ratio Lower Upper

77 100

105 107.9 71.3 111.3

106 93.6 64.2 104.2



#10

Phenol

Concen: 45.154 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

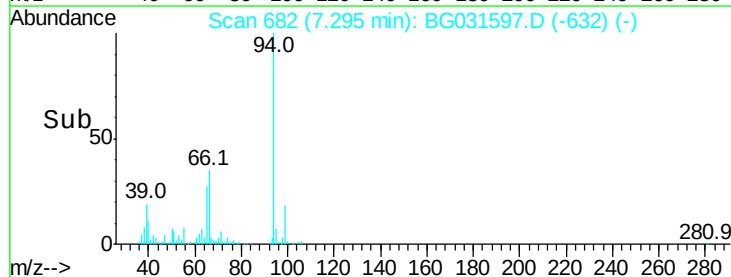
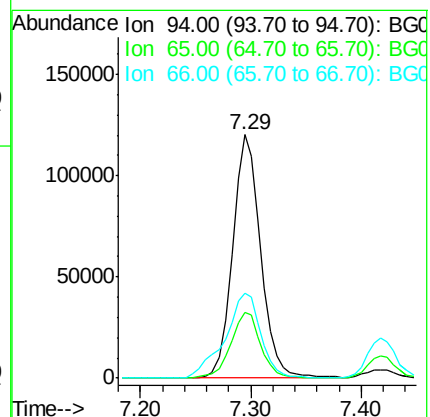
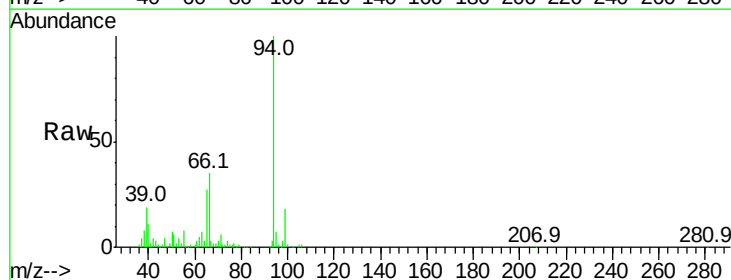
Tgt Ion: 94 Resp: 213425

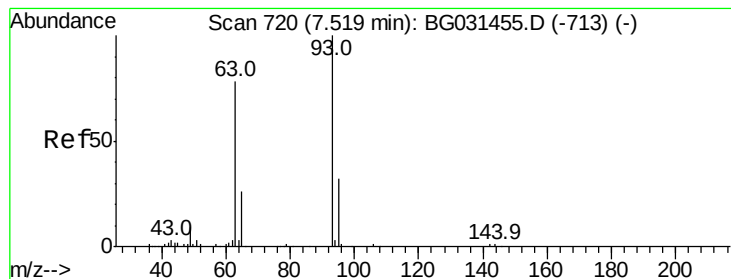
Ion Ratio Lower Upper

94 100

65 26.9 11.9 51.9

66 35.1 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 36.910 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

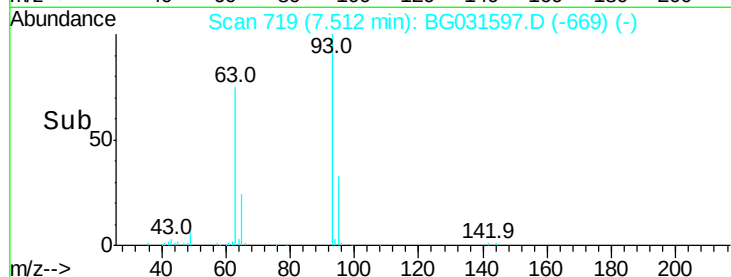
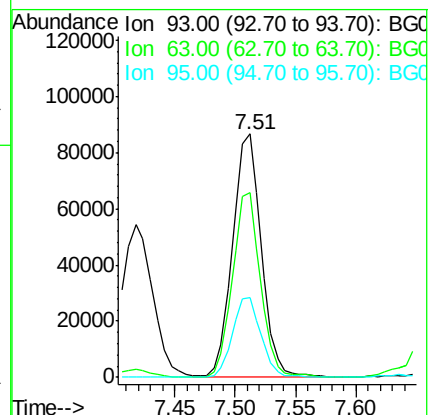
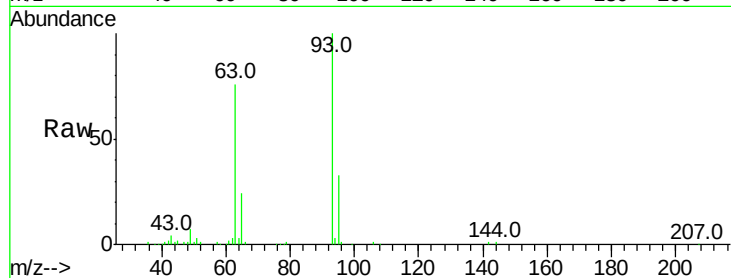
Tot Ion: 93 Resp: 142390

Ion Ratio Lower Upper

93 100

63 75.8 67.1 107.1

95 32.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 39.218 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

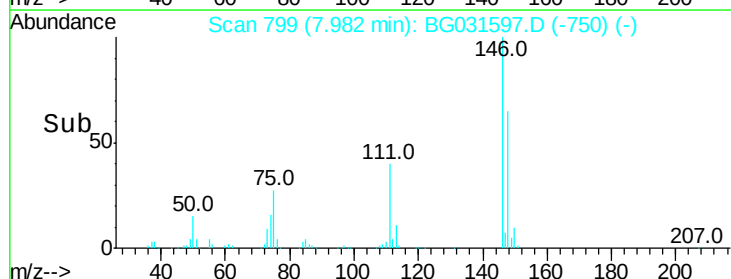
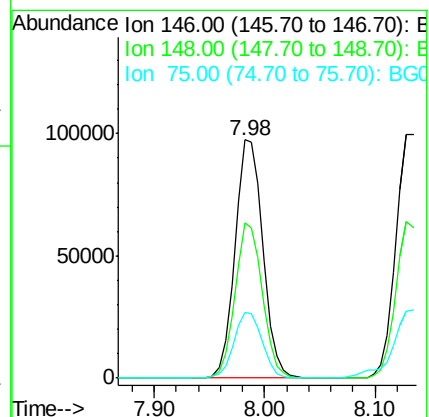
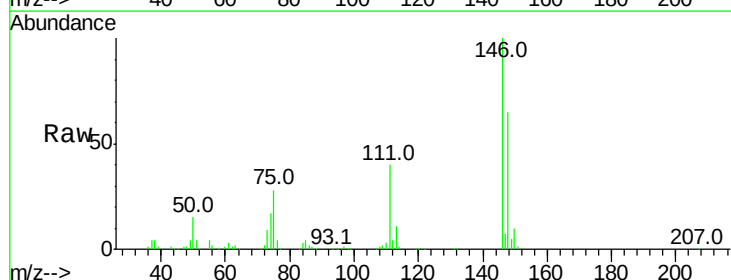
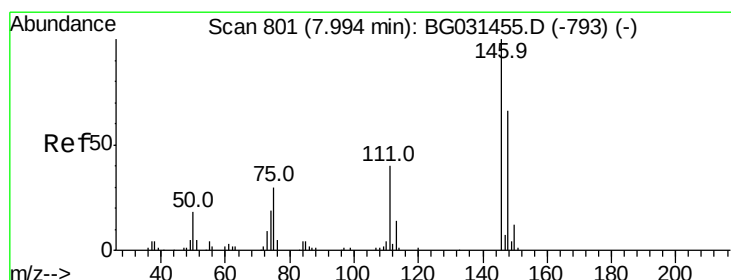
Tgt Ion: 146 Resp: 172421

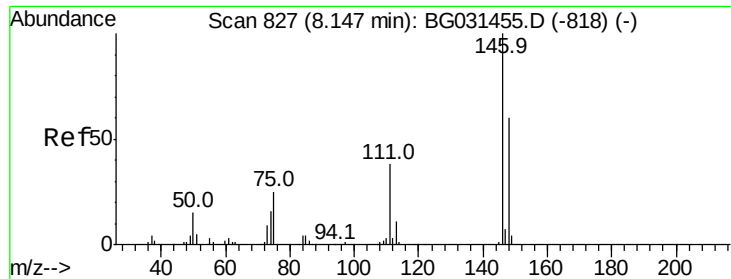
Ion Ratio Lower Upper

146 100

148 65.2 51.4 77.2

75 27.6 26.6 39.8

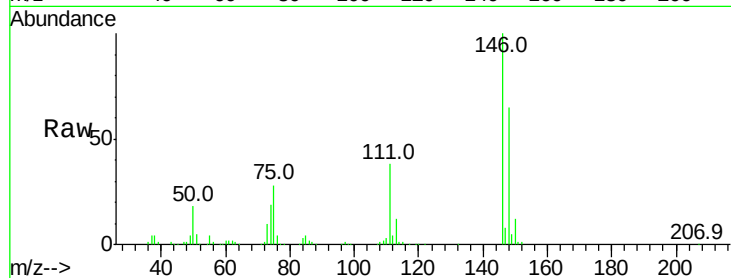




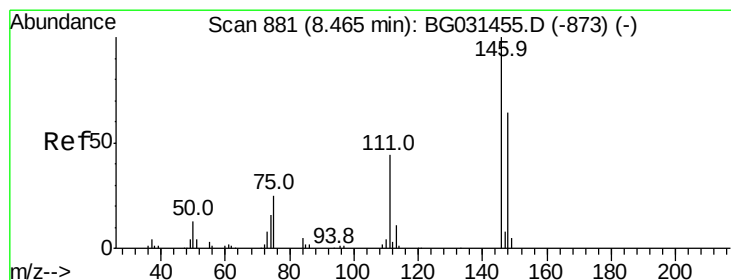
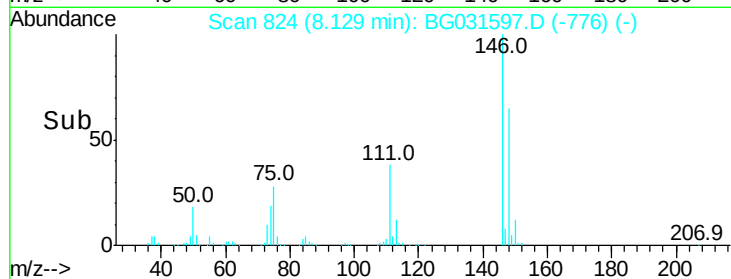
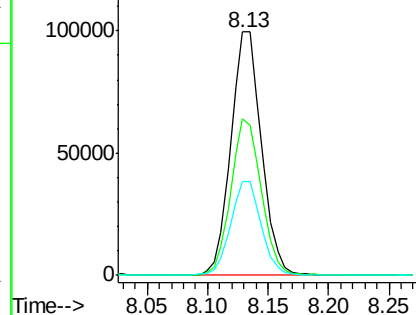
#13
 1,4-Dichlorobenzene
 Concen: 38.470 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 175779
 Ion Ratio Lower Upper
 146 100
 148 64.6 53.7 80.5
 111 38.3 35.2 52.8

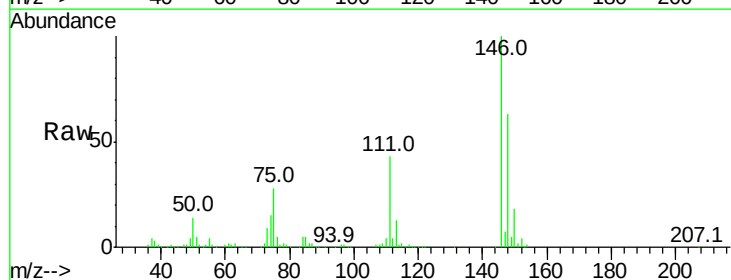


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

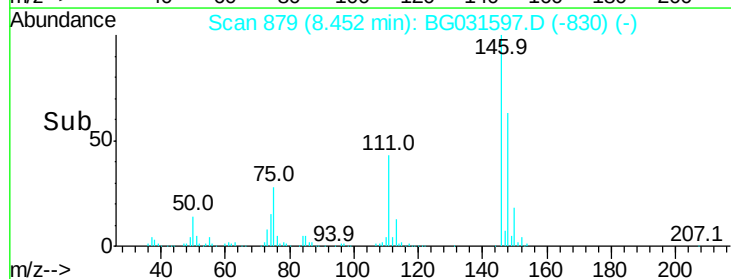
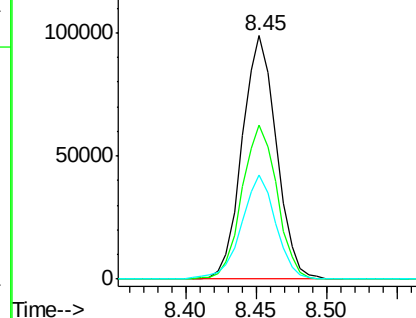


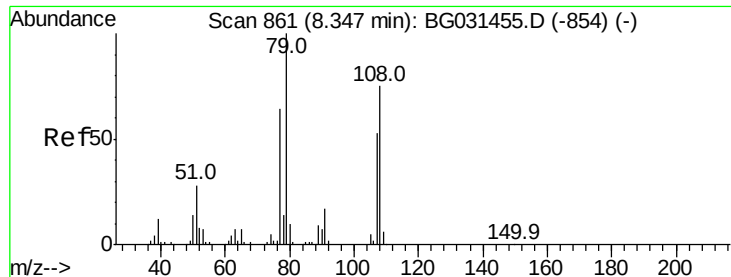
#14
 1,2-Dichlorobenzene
 Concen: 38.548 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion:146 Resp: 167785
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.3 73.9
 111 42.6 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 38.370 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampled :

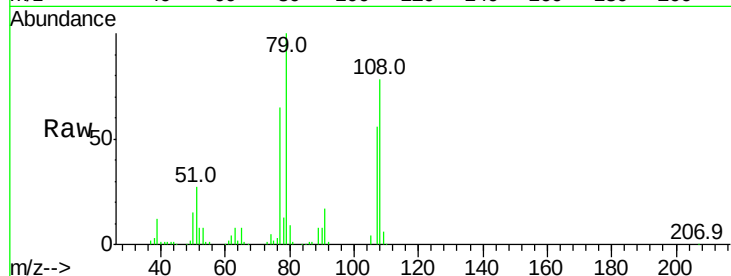
Tot Ion: 79 Resp: 138106

Ion Ratio Lower Upper

79 100

108 77.9 57.2 85.8

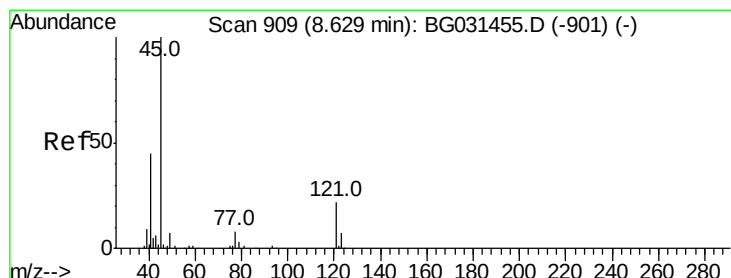
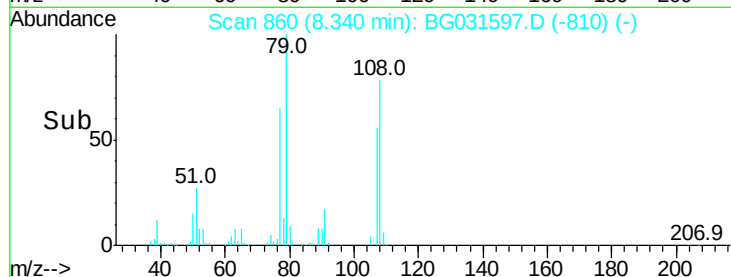
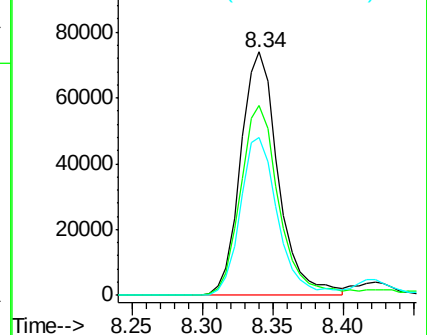
77 65.0 46.1 69.1



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: 47.881 ng

RT: 8.62 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

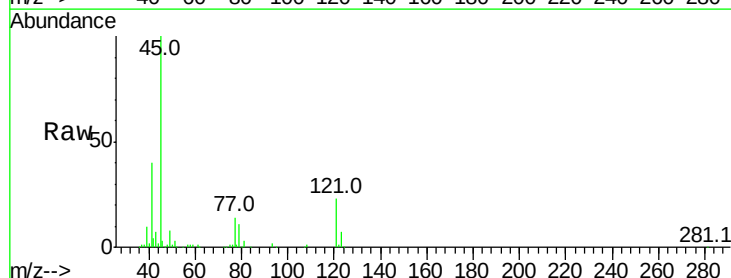
Tgt Ion: 45 Resp: 207517

Ion Ratio Lower Upper

45 100

77 14.4 0.0 30.2

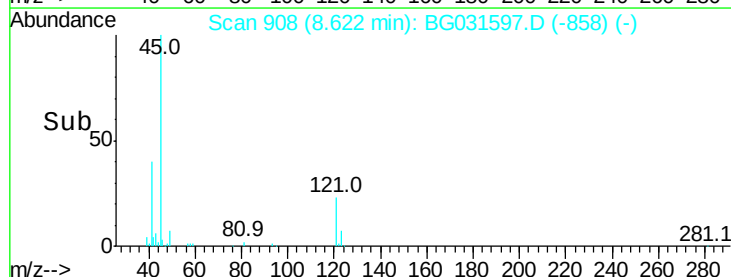
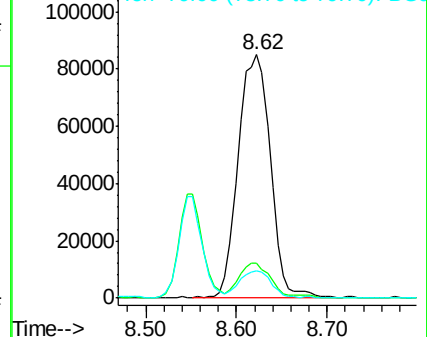
79 11.4 0.0 27.9

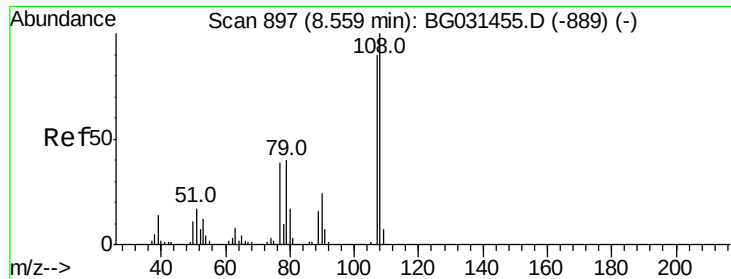


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 43.784 ng

RT: 8.55 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 141071

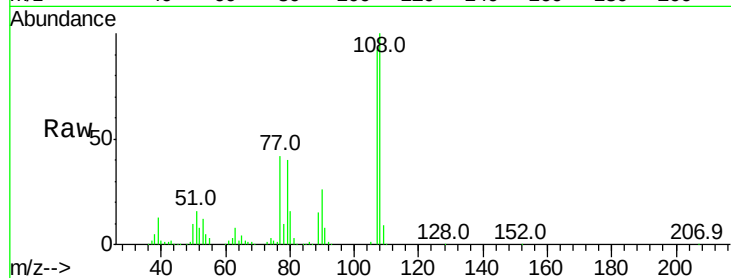
Ion Ratio Lower Upper

107 100

108 109.3 83.9 125.9

77 45.4 37.2 55.8

79 44.0 36.2 54.2

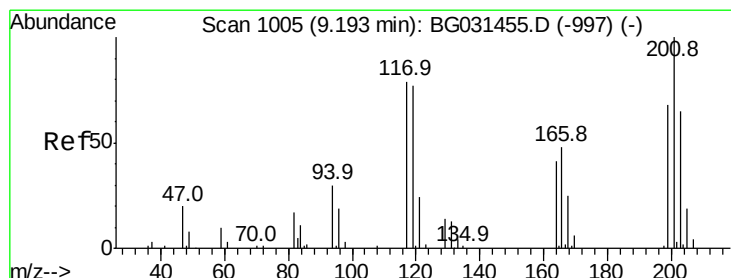
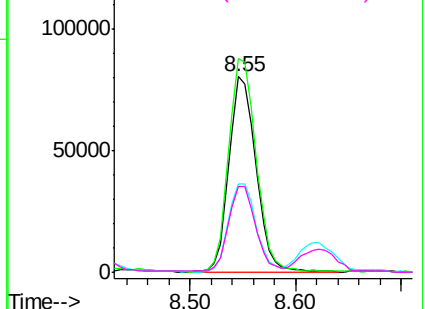
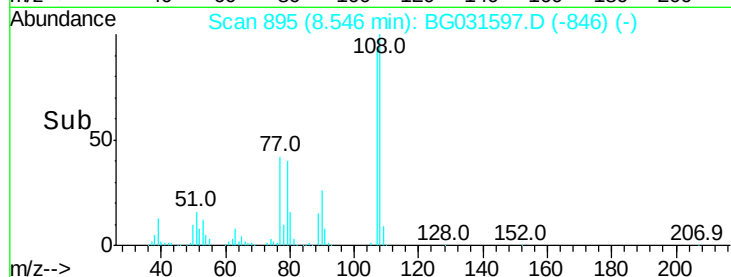


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.193 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

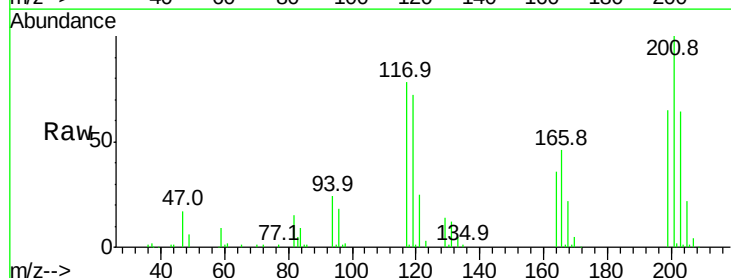
Tgt Ion:117 Resp: 60365

Ion Ratio Lower Upper

117 100

119 91.9 76.7 115.1

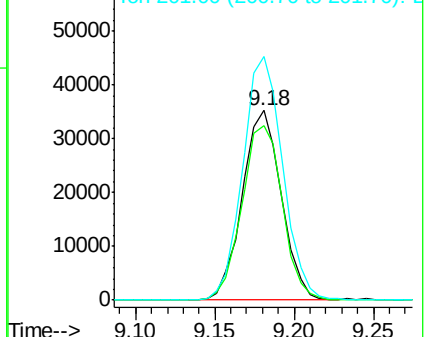
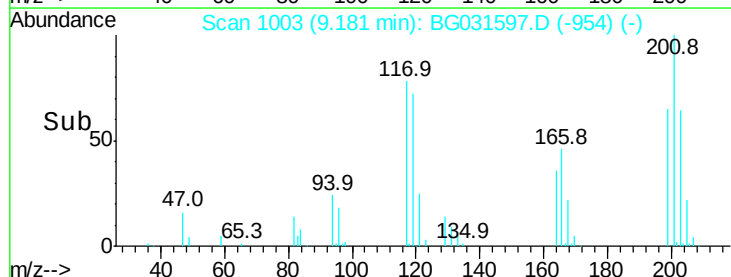
201 128.4 95.7 143.5

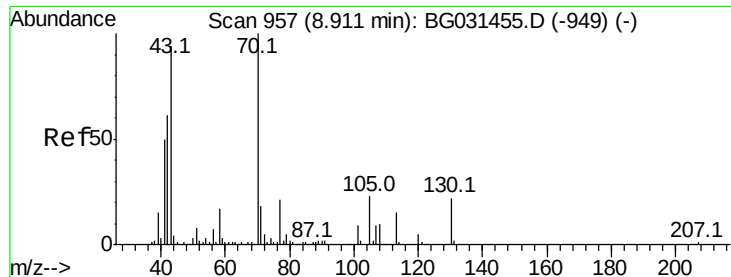


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

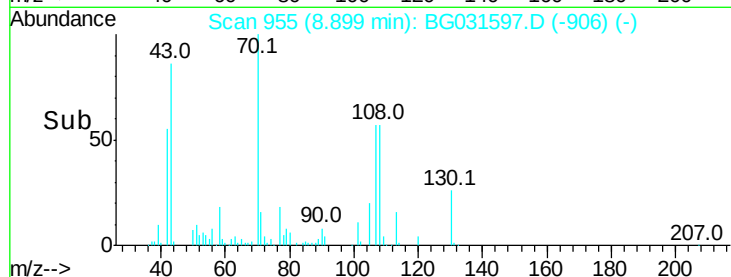
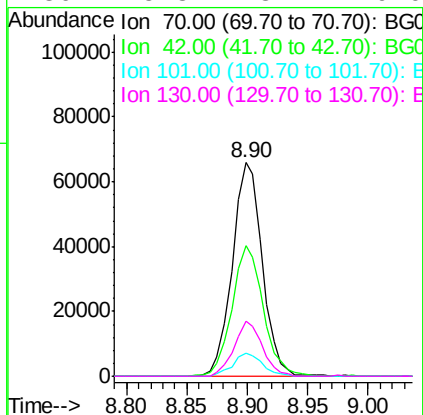
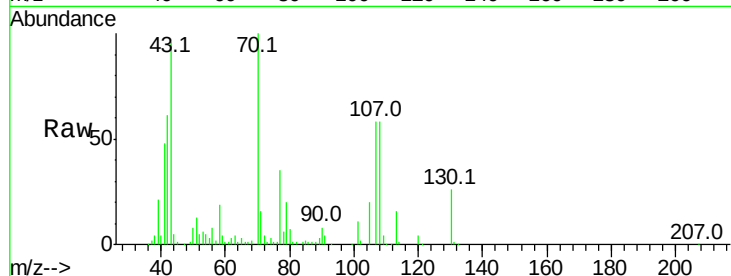




#19
n-Nitroso-di-n-propylamine
Concen: 31.476 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

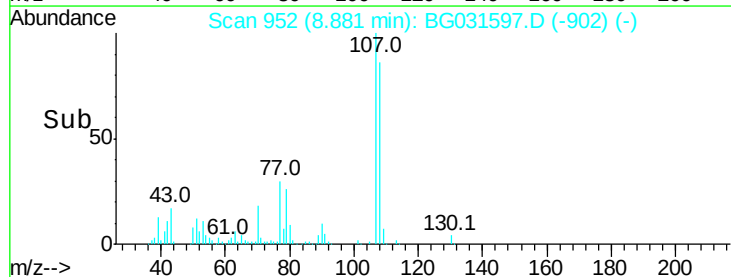
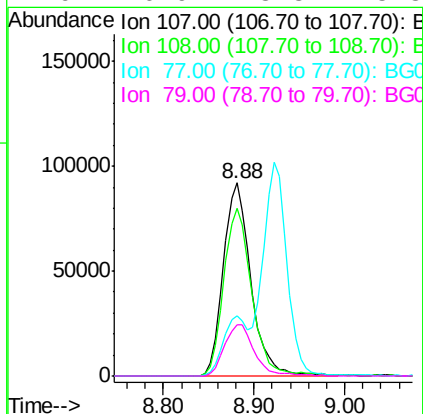
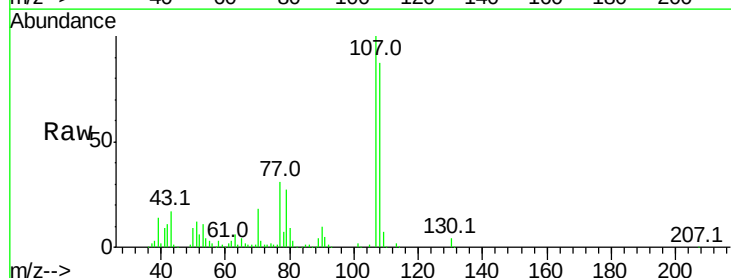
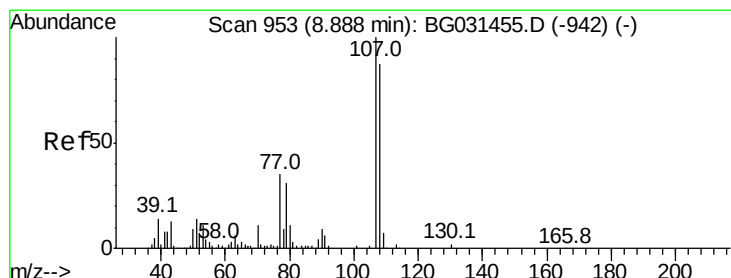
Instrument :
BNA_G
ClientSampleId :

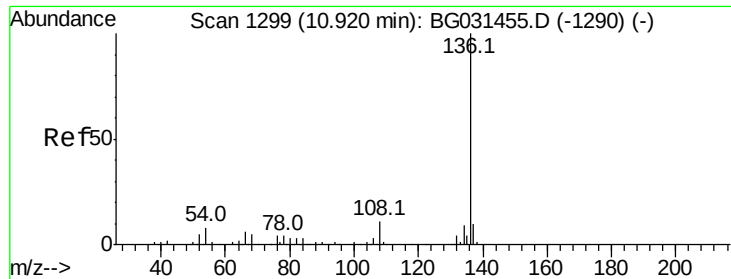
Tot Ion: 70 Resp: 113991
Ion Ratio Lower Upper
70 100
42 60.9 49.1 73.7
101 11.0 8.5 12.7
130 25.8 13.4 20.0#



#20
3+4-Methylphenols
Concen: 40.481 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion: 107 Resp: 194301
Ion Ratio Lower Upper
107 100
108 86.8 61.6 101.6
77 31.0 13.9 53.9
79 26.9 8.8 48.8

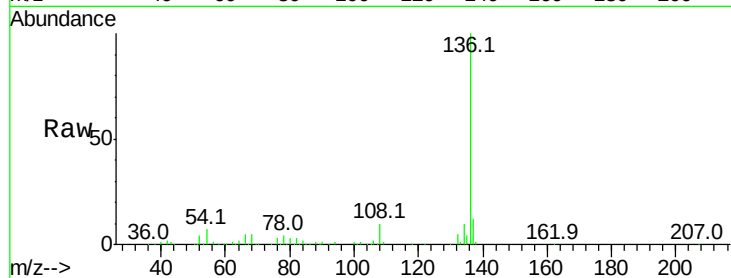




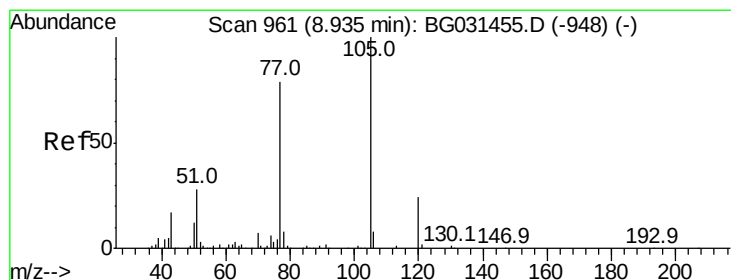
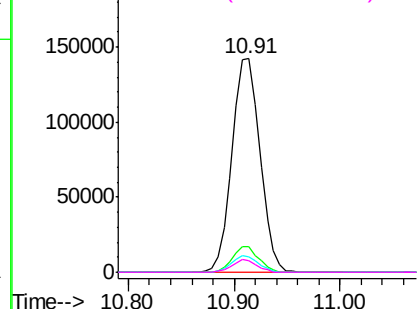
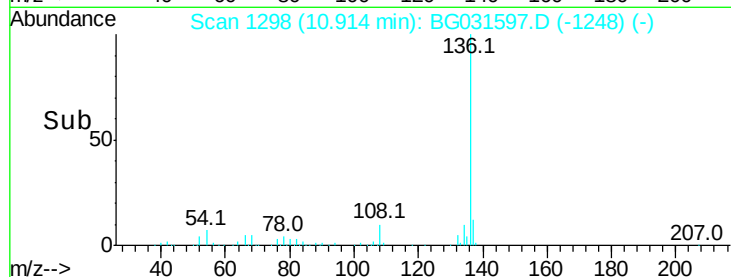
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	260043
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.2	13.8
54	7.0	10.3	15.5#
68	5.3	4.5	6.7

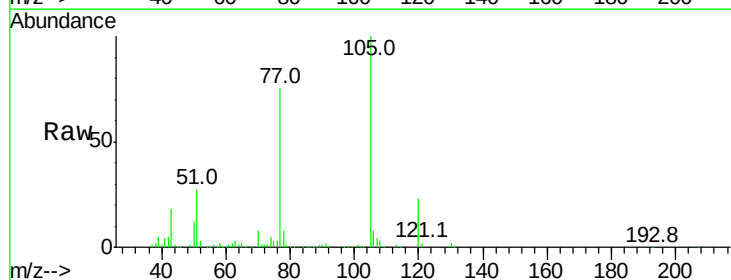


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

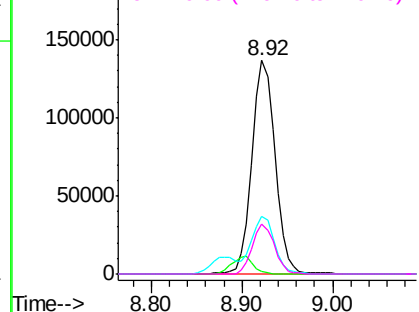
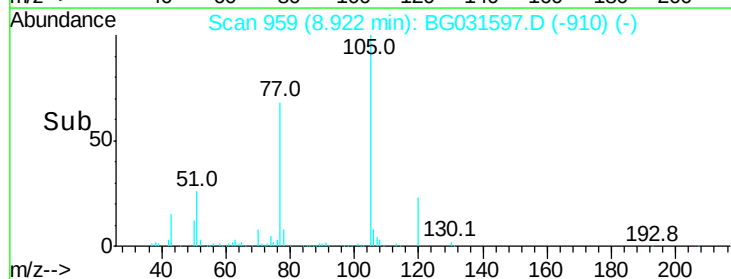


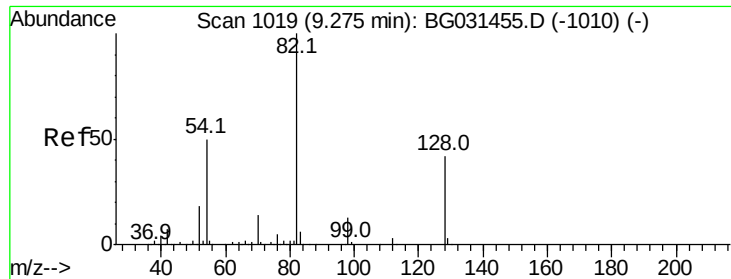
#22
Acetophenone
Concen: 38.962 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion:	105	Resp:	243063
Ion	Ratio	Lower	Upper
105	100		
71	1.1	3.0	4.4#
51	26.7	26.1	39.1
120	23.1	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

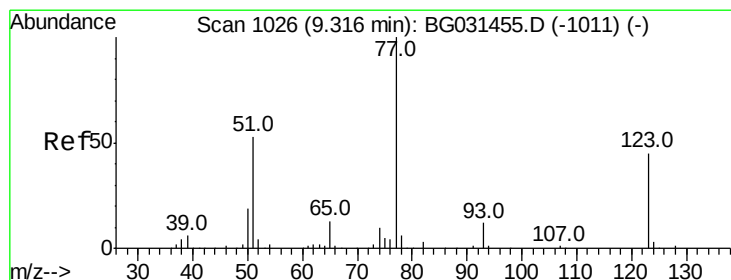
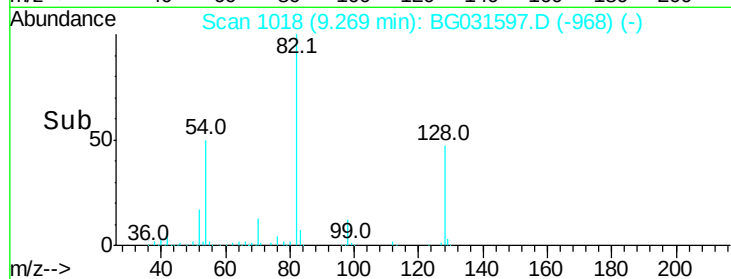
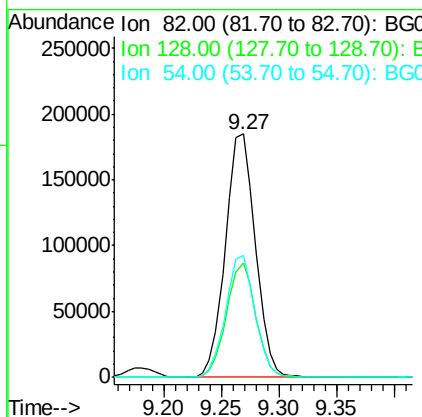
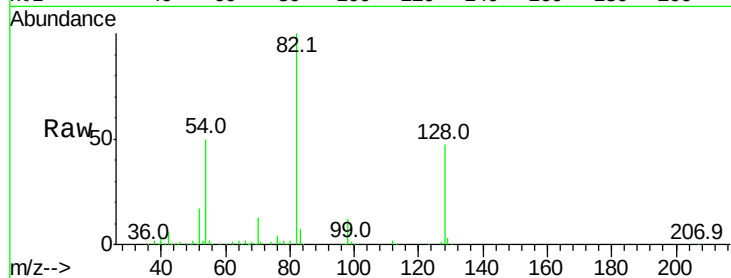




#23
 Nitrobenzene-d5
 Concen: 79.216 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

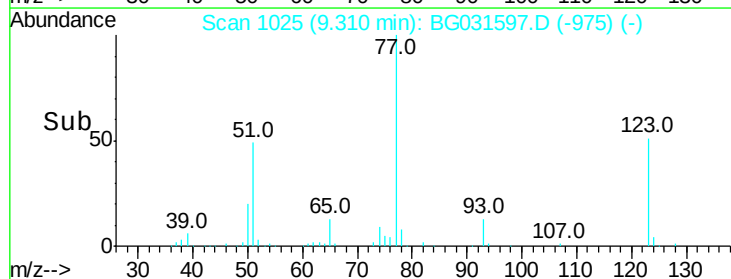
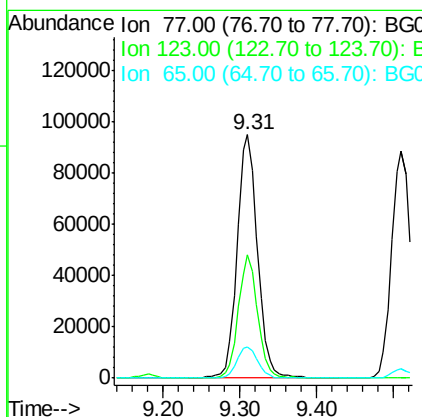
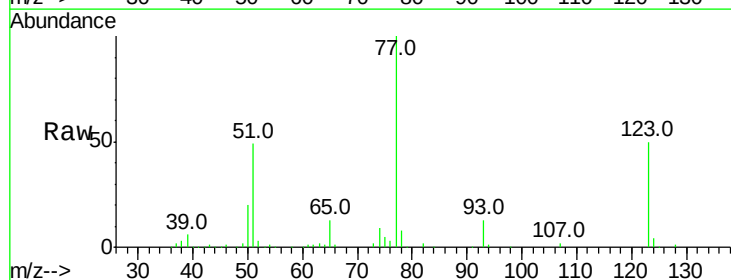
Instrument :
 BNA_G
 ClientSampled :

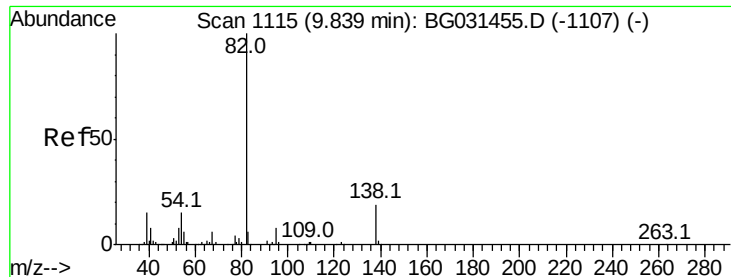
Tot Ion: 82 Resp: 334208
 Ion Ratio Lower Upper
 82 100
 128 46.8 29.7 44.5#
 54 49.9 43.1 64.7



#24
 Nitrobenzene
 Concen: 40.671 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion: 77 Resp: 175829
 Ion Ratio Lower Upper
 77 100
 123 50.4 33.0 49.6#
 65 12.5 13.0 19.6#





#25

Isophorone

Concen: 41.006 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

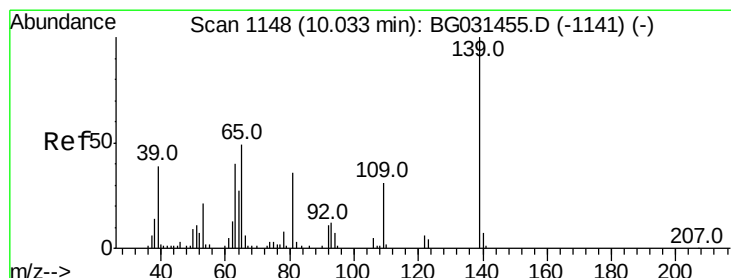
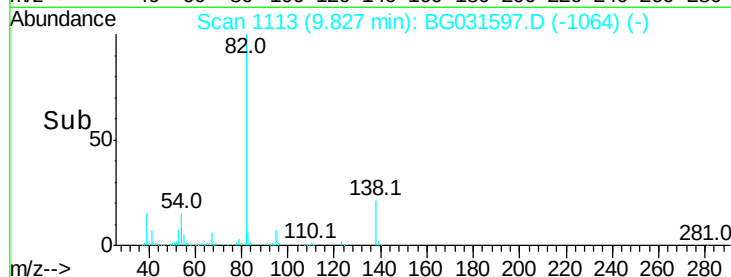
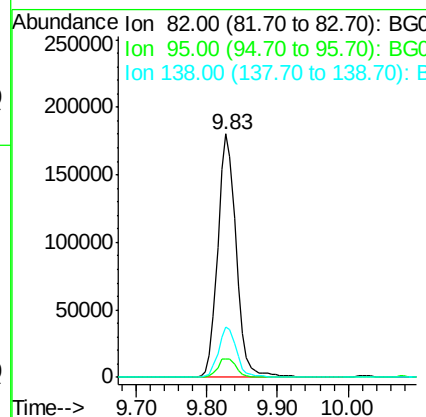
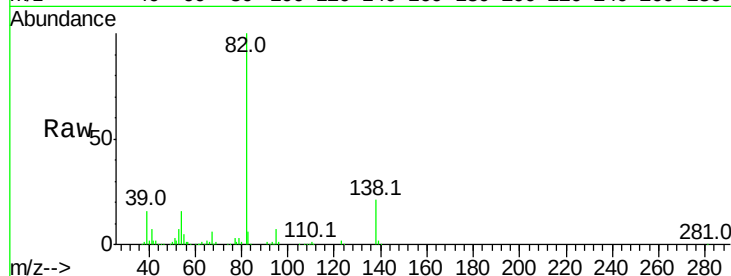
Tot Ion: 82 Resp: 326946

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 20.7 12.1 18.1#



#26

2-Nitrophenol

Concen: 44.615 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

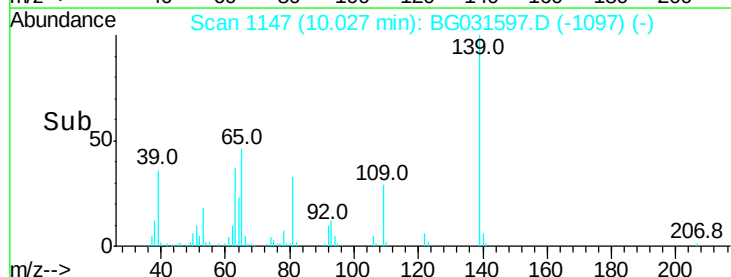
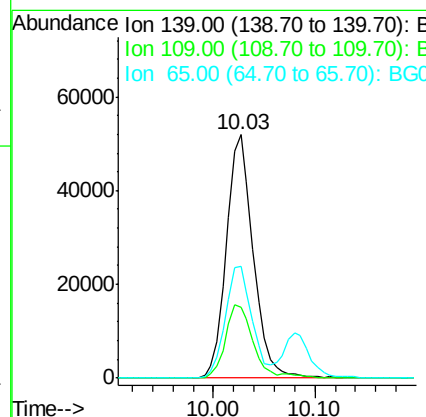
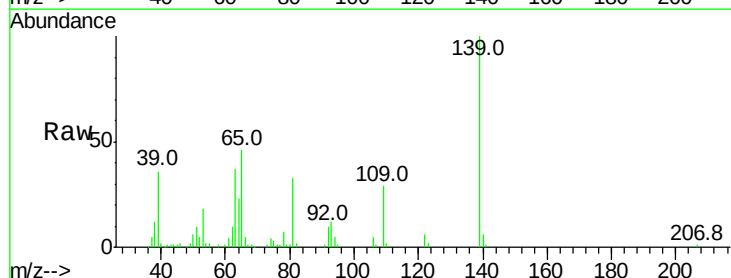
Tgt Ion: 139 Resp: 95377

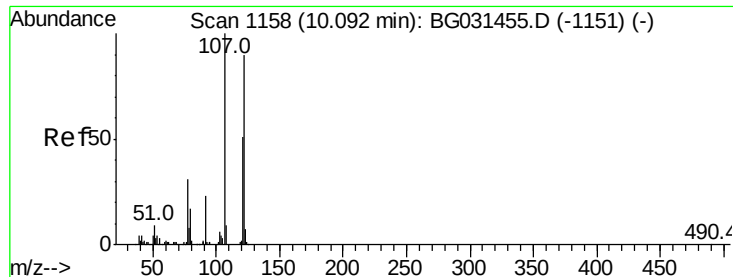
Ion Ratio Lower Upper

139 100

109 29.0 24.2 36.2

65 46.1 47.4 71.0#

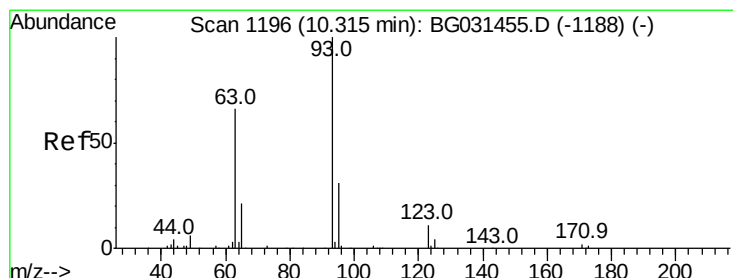
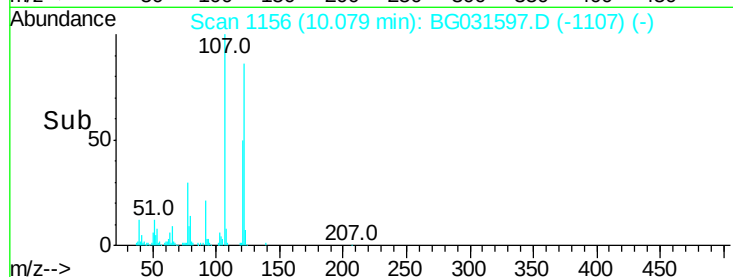
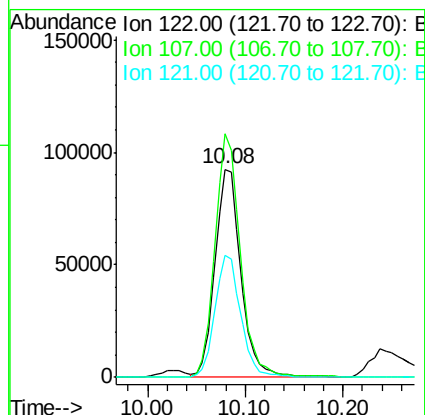
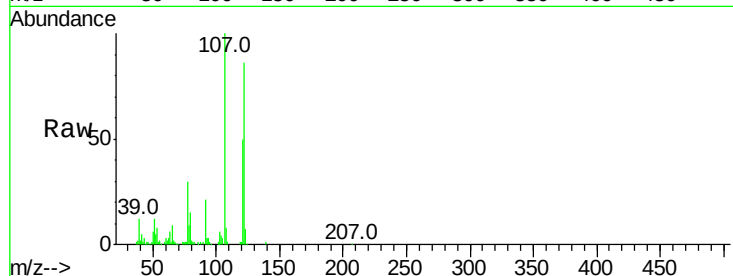




#27
2,4-Dimethylphenol
Concen: 51.949 ng
RT: 10.08 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

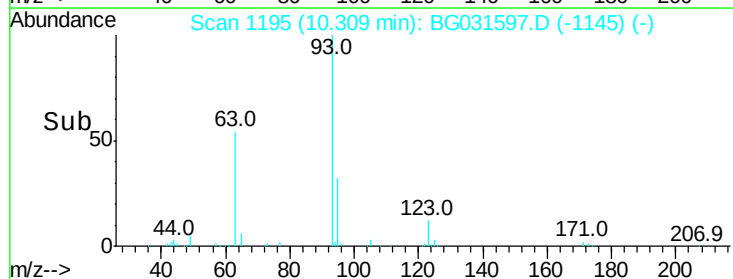
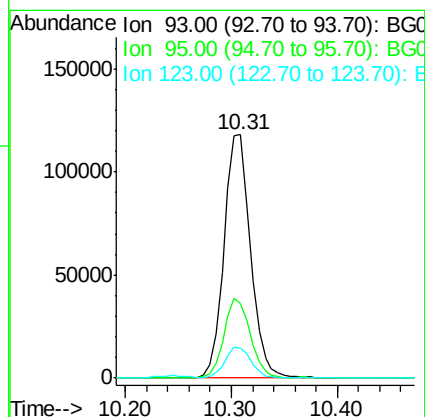
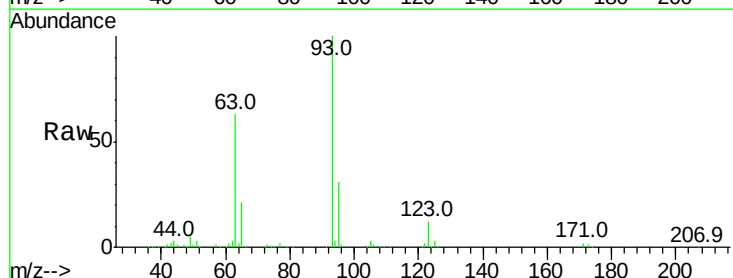
Instrument :
BNA_G
ClientSampleId :

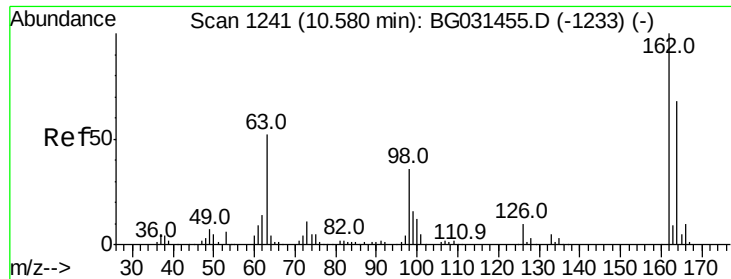
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.9	100.2	150.2
121	58.4	44.4	66.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.983 ng
RT: 10.31 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	24.3	36.5
123	12.4	8.4	12.6

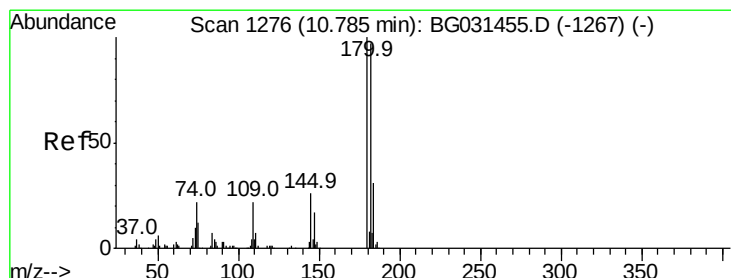
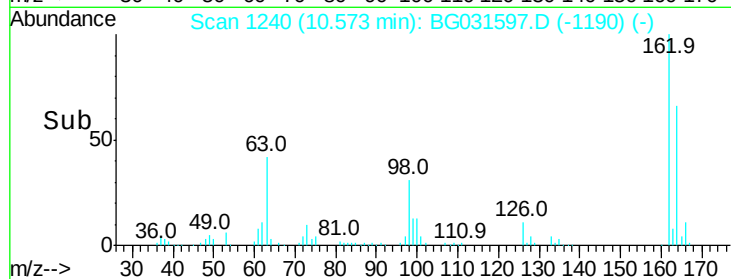
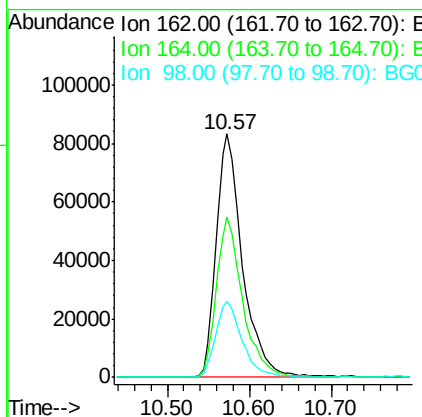
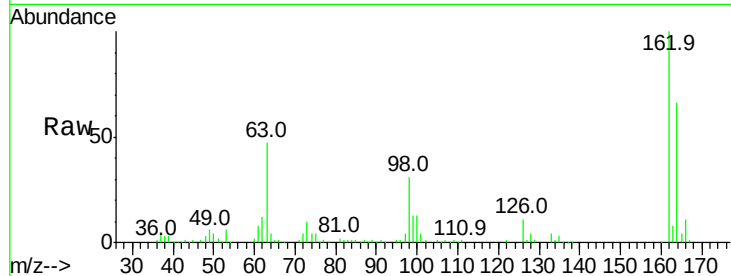




#29
 2,4-Dichlorophenol
 Concen: 48.803 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

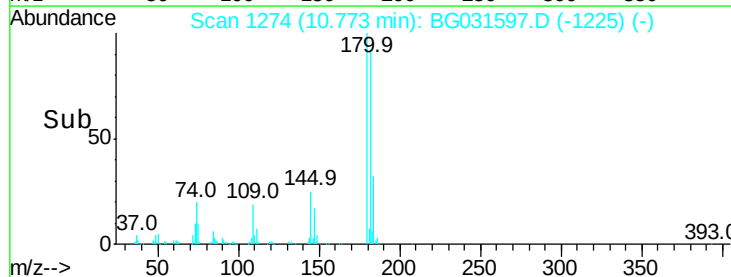
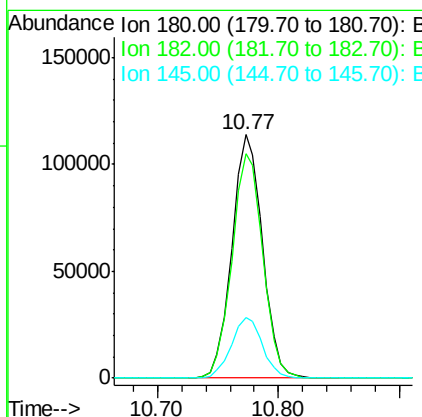
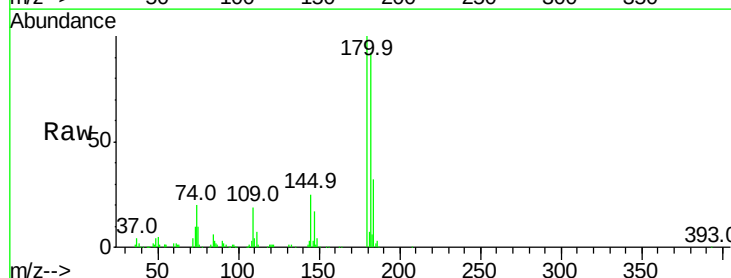
Instrument :
 BNA_G
 ClientSampleId :

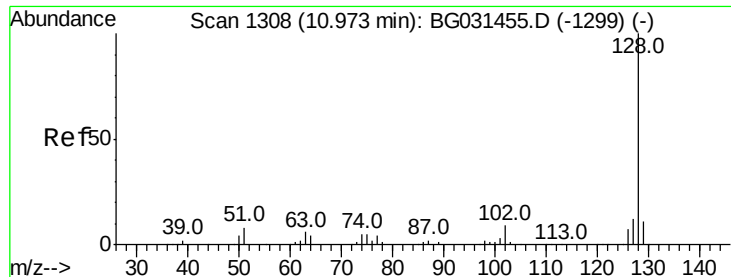
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	48.0	88.0
98	31.4	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.833 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	77.5	116.3
145	25.0	23.4	35.2

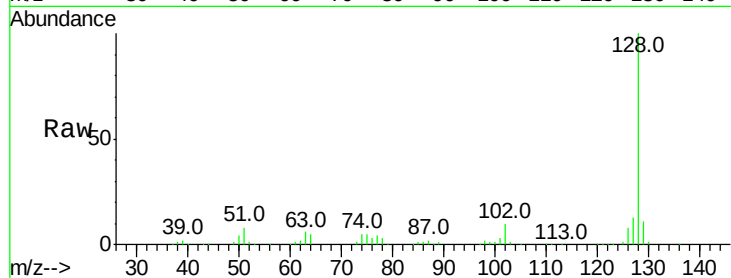




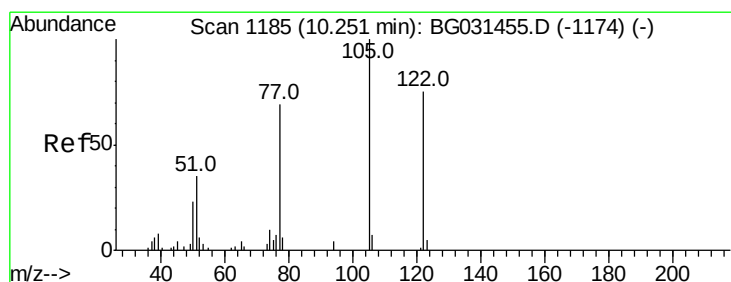
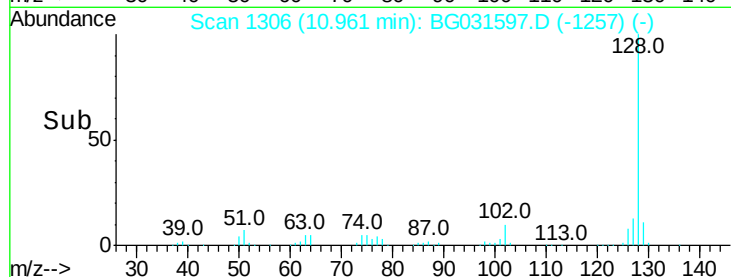
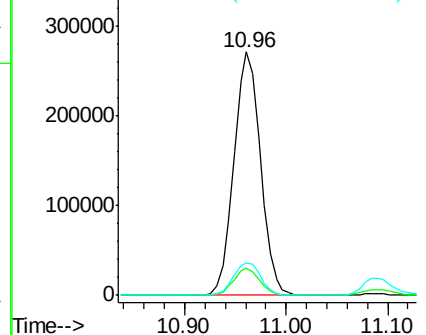
#31
Naphthalene
Concen: 38.505 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 491912
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.3 11.6 17.4

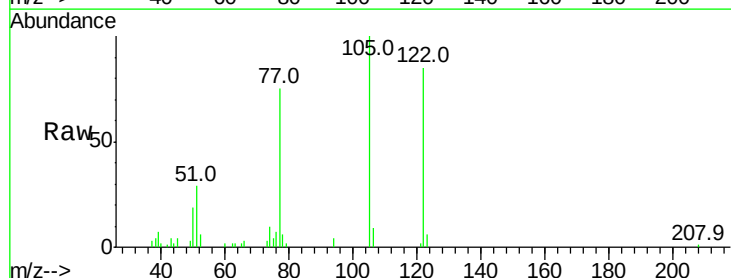


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

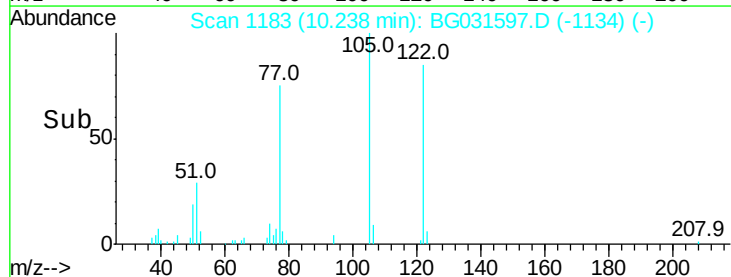
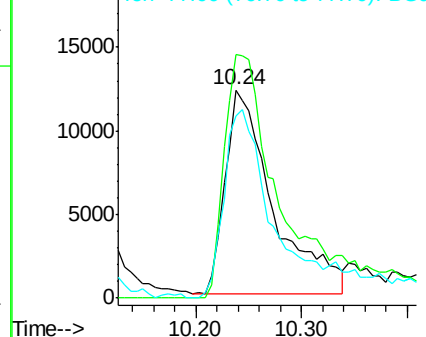


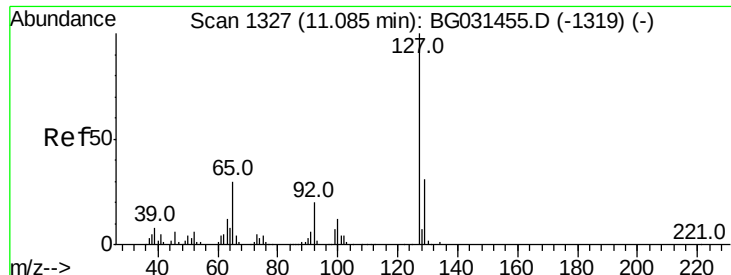
#32
Benzoic acid
Concen: 26.633 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion:122 Resp: 38384
Ion Ratio Lower Upper
122 100
105 117.2 123.5 163.5#
77 87.6 85.7 125.7



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

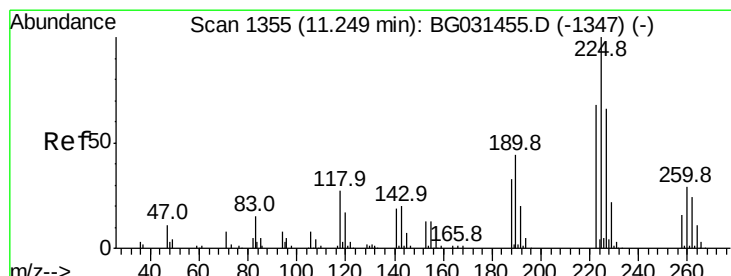
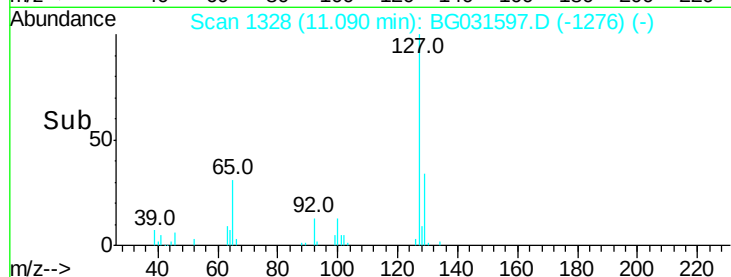
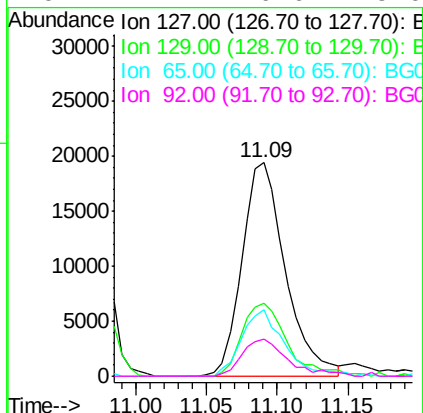
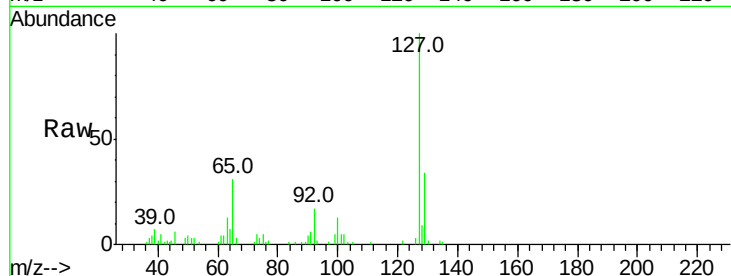




#33
4-Chloroaniline
Concen: 7.527 ng
RT: 11.09 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

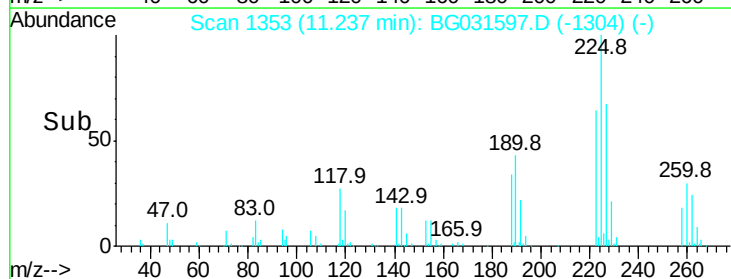
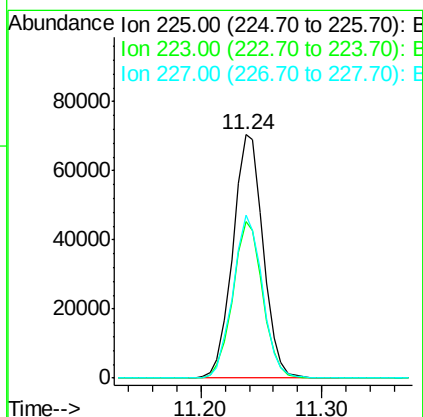
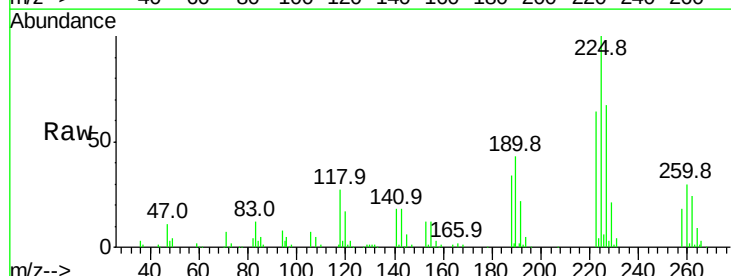
Instrument :
BNA_G
ClientSampleId :

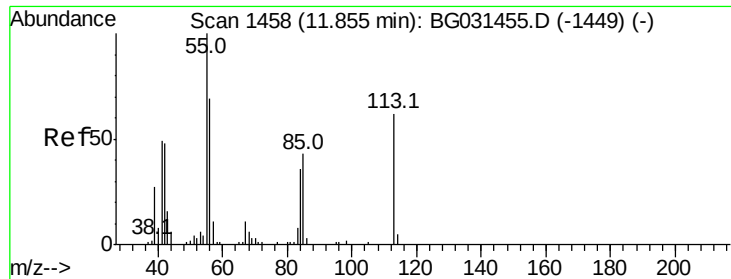
Tot Ion:	127	Resp:	41750
Ion	Ratio	Lower	Upper
127	100		
129	34.1	24.0	36.0
65	31.2	27.0	40.4
92	17.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 37.946 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion:	225	Resp:	123015
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.7	74.5
227	66.7	48.1	72.1





#35

Caprolactam

Concen: 20.856 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

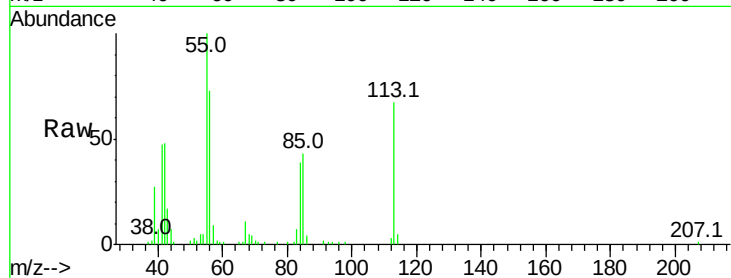
Tot Ion:113 Resp: 31333

Ion Ratio Lower Upper

113 100

55 148.9 186.9 226.9#

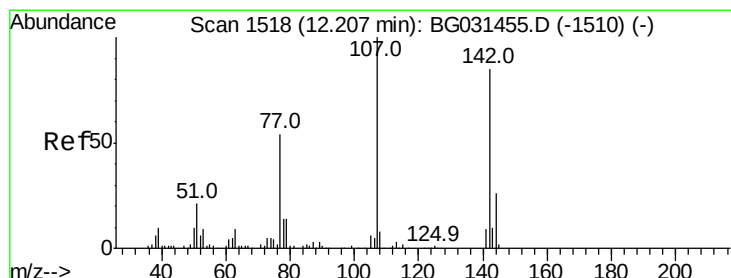
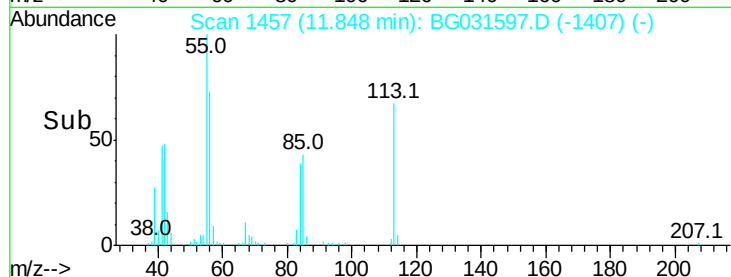
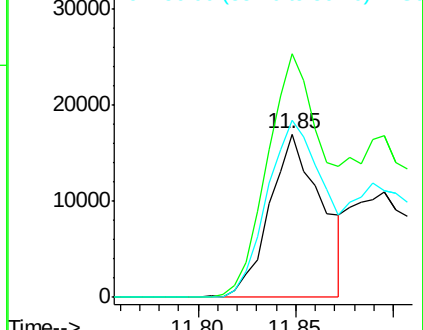
56 108.3 130.9 170.9#



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: 42.801 ng

RT: 12.20 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

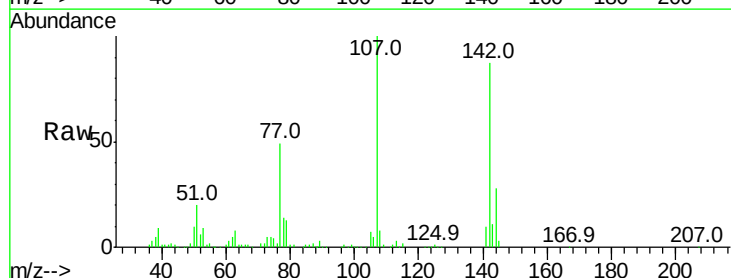
Tgt Ion:107 Resp: 186926

Ion Ratio Lower Upper

107 100

144 28.0 18.2 27.4#

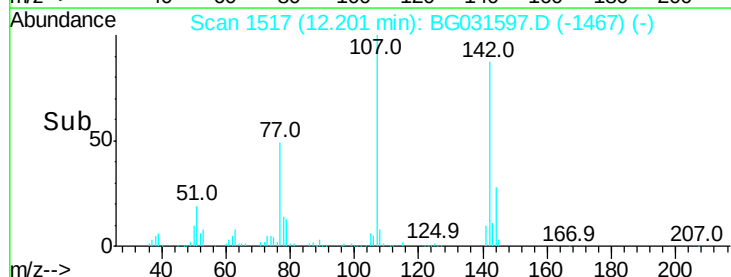
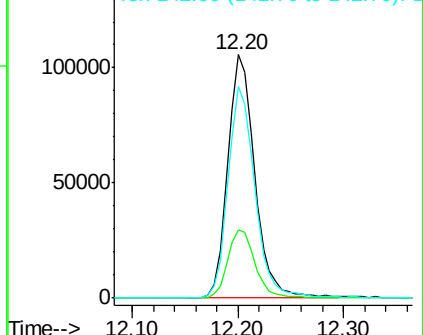
142 86.7 59.0 88.4

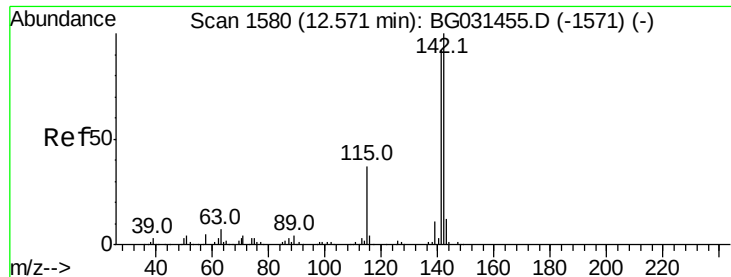


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

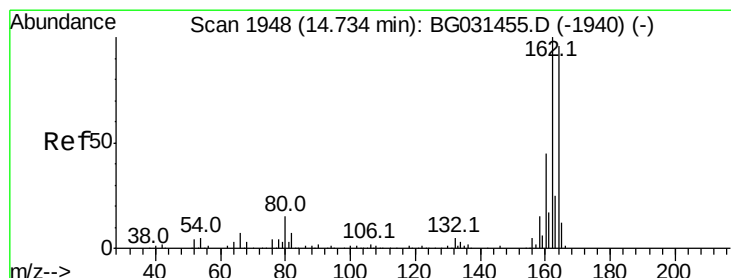
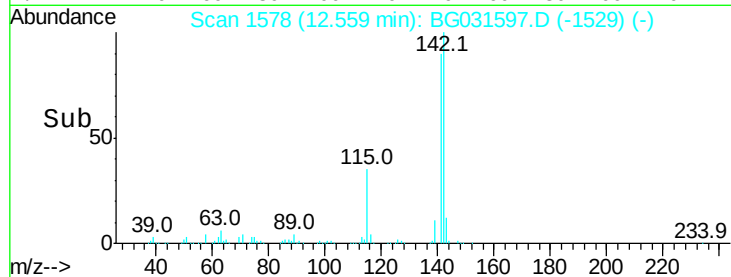
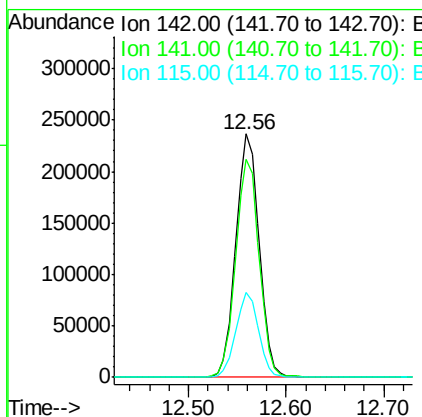
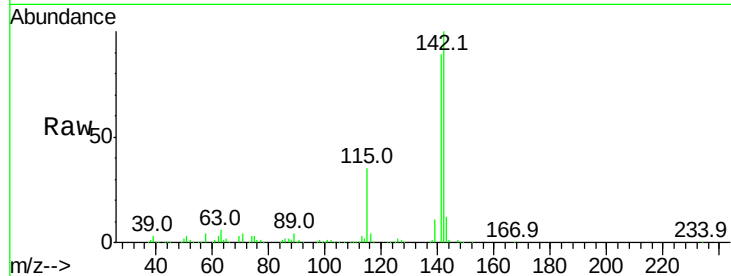




#37
2-Methylnaphthalene
Concen: 39.708 ng
RT: 12.56 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

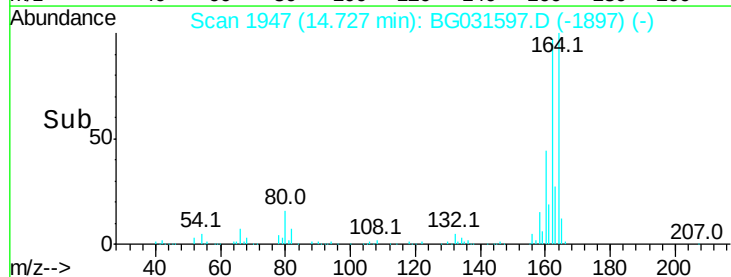
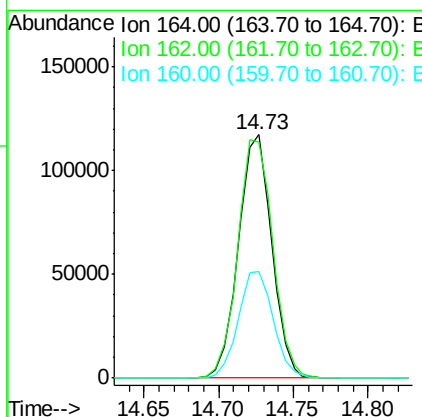
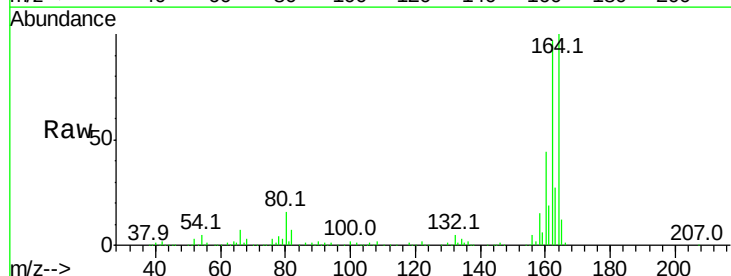
Instrument :
BNA_G
ClientSampleId :

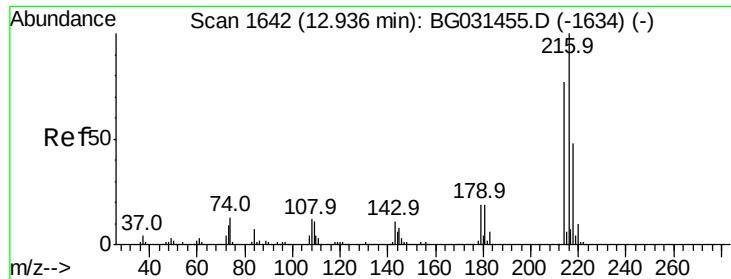
Tot Ion:142 Resp: 392771
Ion Ratio Lower Upper
142 100
141 89.4 67.1 100.7
115 34.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.73 min Scan# 1947
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion:164 Resp: 180780
Ion Ratio Lower Upper
164 100
162 96.9 78.8 118.2
160 43.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.073 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampled :

Tot Ion:216 Resp: 261934

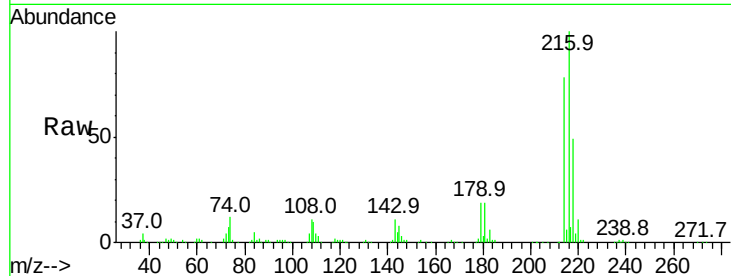
Ion Ratio Lower Upper

216 100

214 76.9 63.0 94.4

179 18.8 17.0 25.6

108 13.2 12.8 19.2

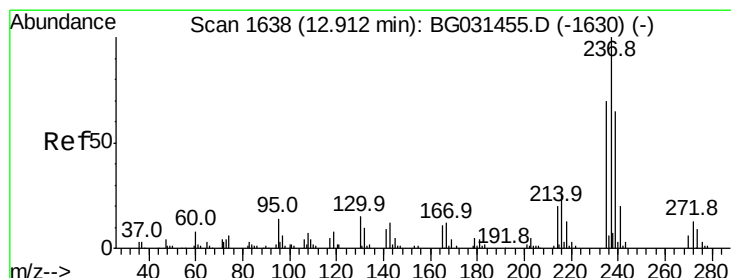
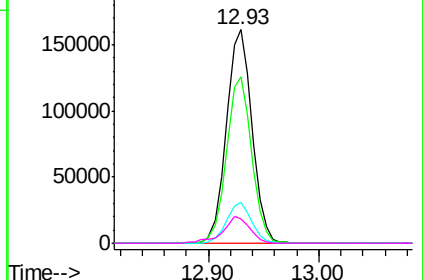
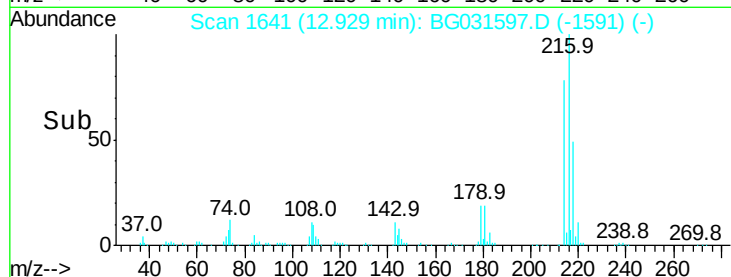


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 67.062 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

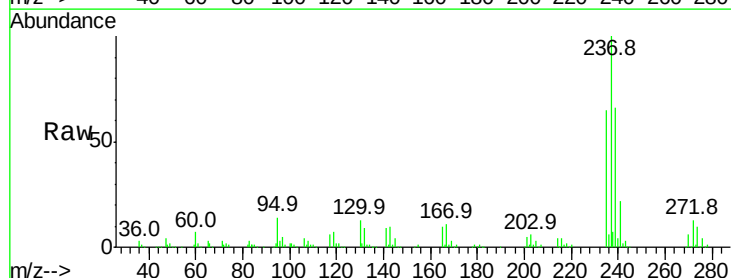
Tgt Ion:237 Resp: 149592

Ion Ratio Lower Upper

237 100

235 65.1 50.4 90.4

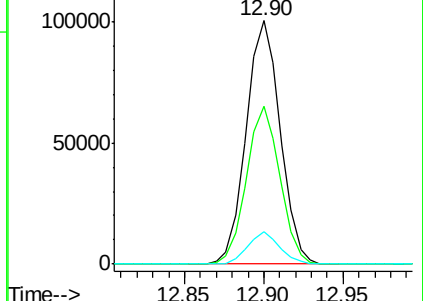
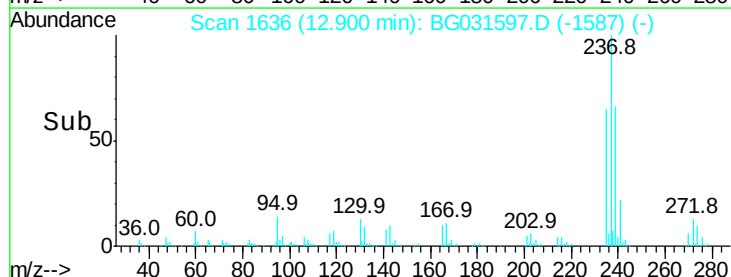
272 13.1 0.0 31.8

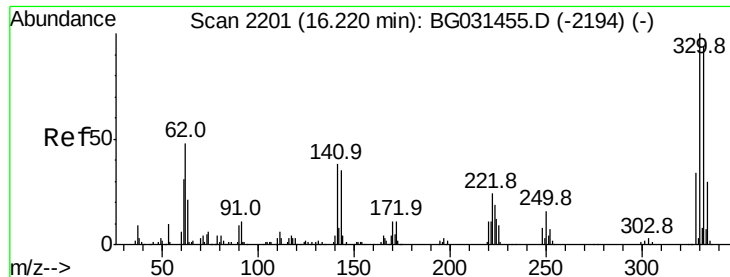


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

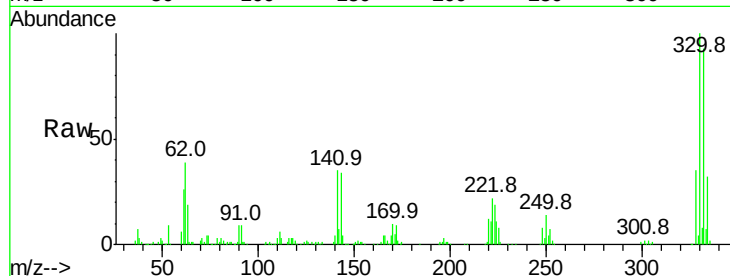




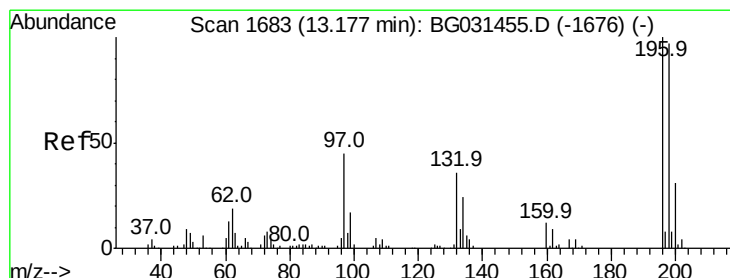
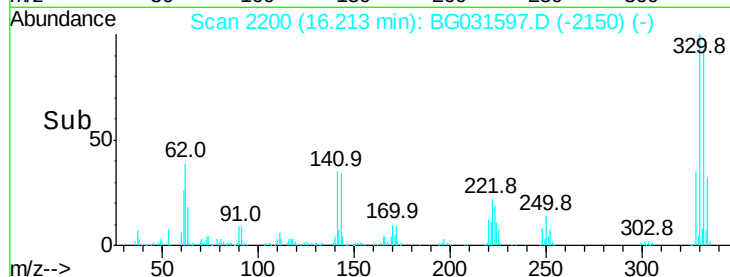
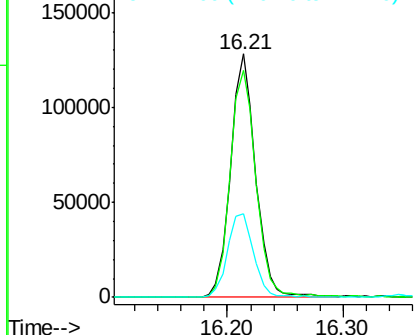
#41
 2,4,6-Tribromophenol
 Concen: 90.598 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	36.4	25.2	37.8

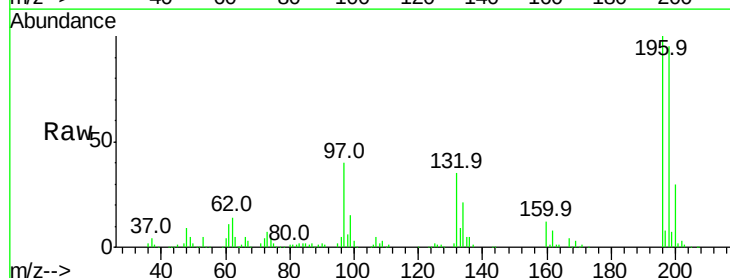


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

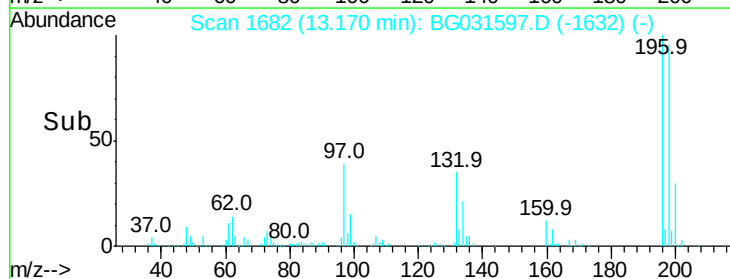
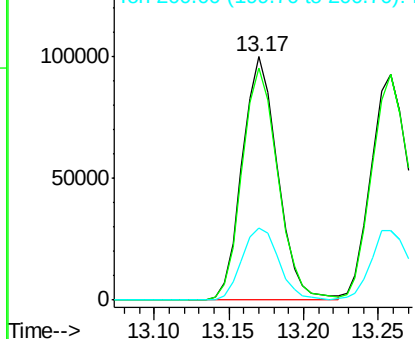


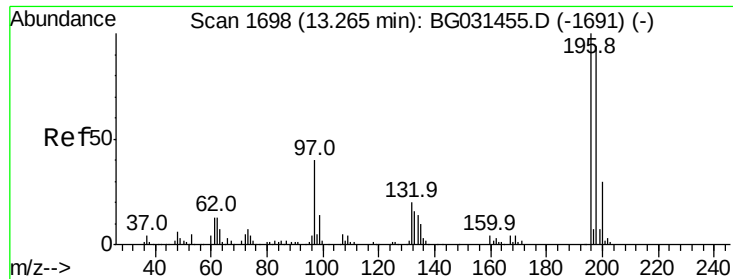
#42
 2,4,6-Trichlorophenol
 Concen: 45.563 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.3	78.2	117.2
200	29.6	24.6	36.8



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

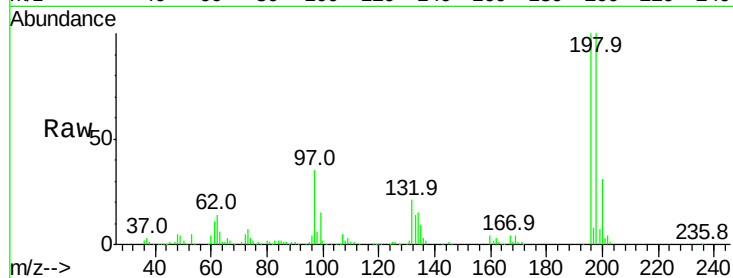




#43
 2,4,5-Trichlorophenol
 Concen: 45.520 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:	196	Resp:	177003
Ion	Ratio	Lower	Upper
196	100		
198	100.3	76.2	114.4
97	35.2	38.7	58.1#
132	21.0	20.2	30.2



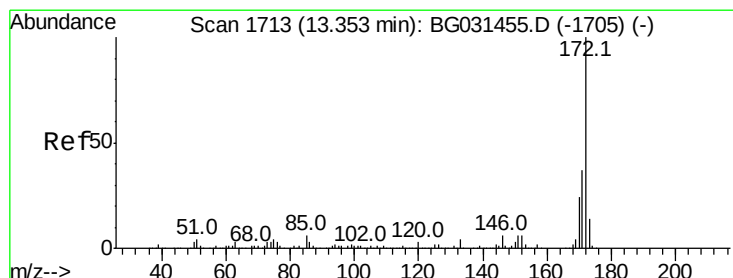
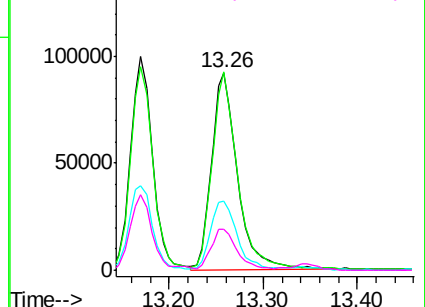
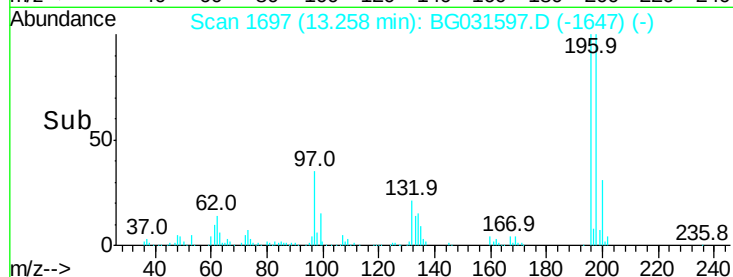
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

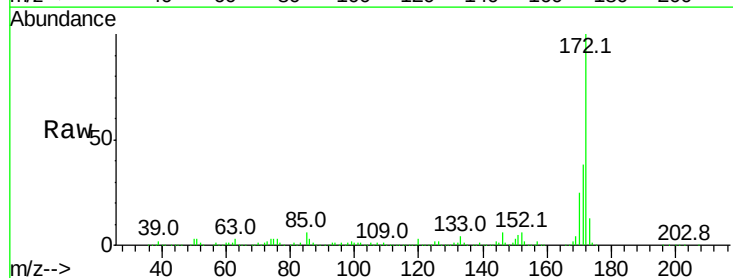
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 80.278 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion:	172	Resp:	988687
Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	24.8	19.5	29.3

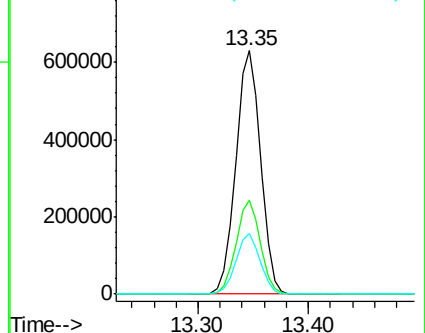
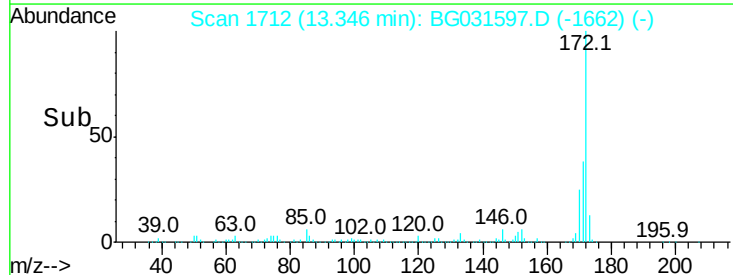


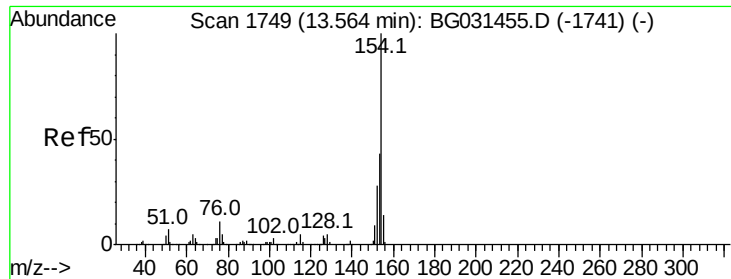
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

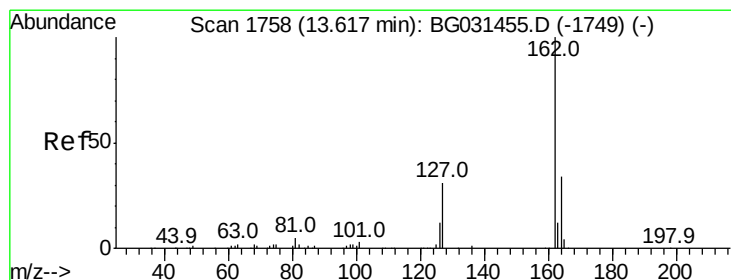
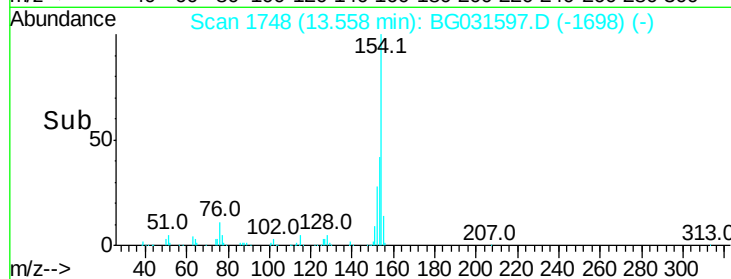
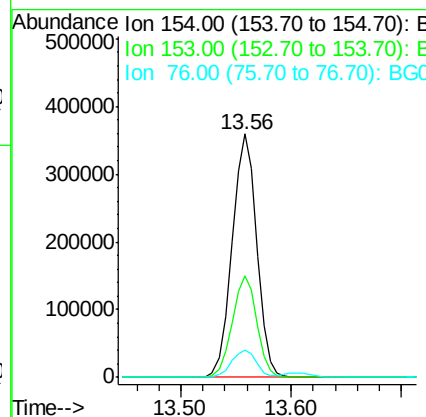
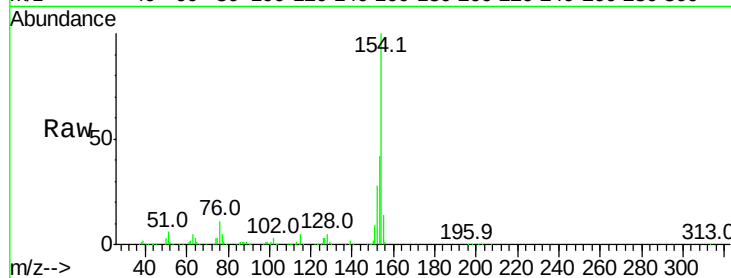




#45
1,1'-Biphenyl
Concen: 37.723 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

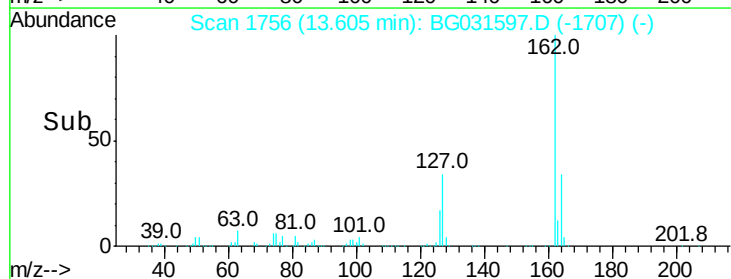
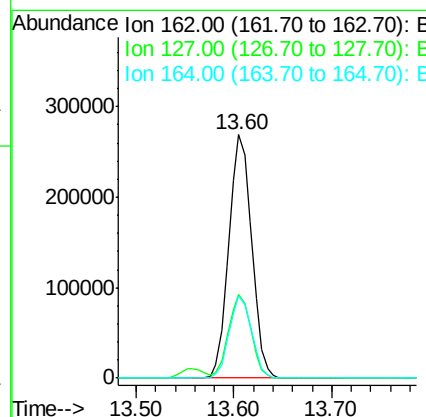
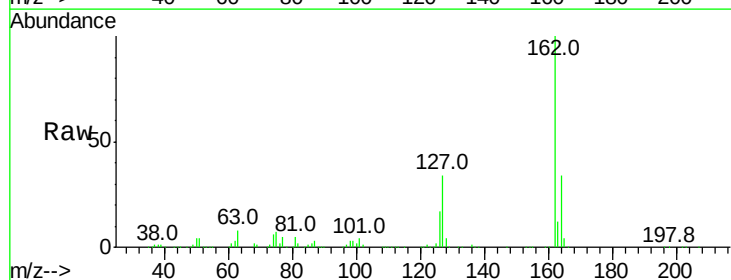
Instrument :
BNA_G
ClientSampled :

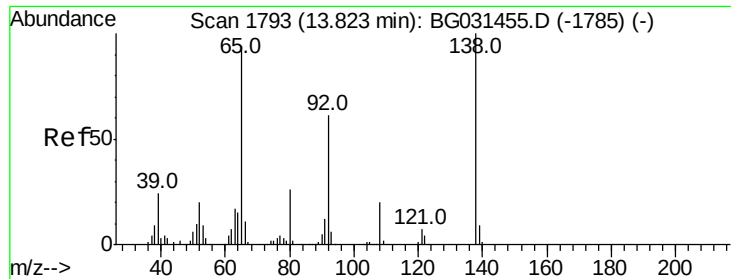
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.8	59.8
76	11.2	0.0	31.9



#46
2-Chloronaphthalene
Concen: 40.178 ng
RT: 13.60 min Scan# 1756
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.3	30.7	46.1
164	33.7	26.0	39.0





#47

2-Nitroaniline

Concen: 39.628 ng

RT: 13.81 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

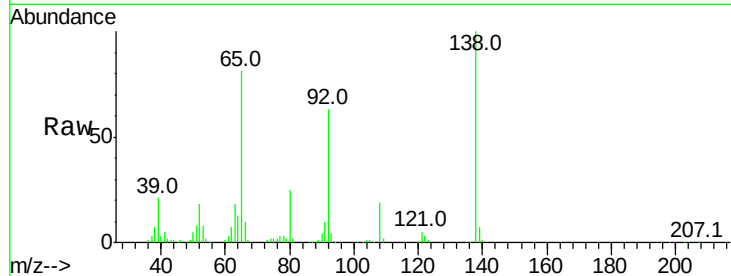
Tot Ion: 65 Resp: 121017

Ion Ratio Lower Upper

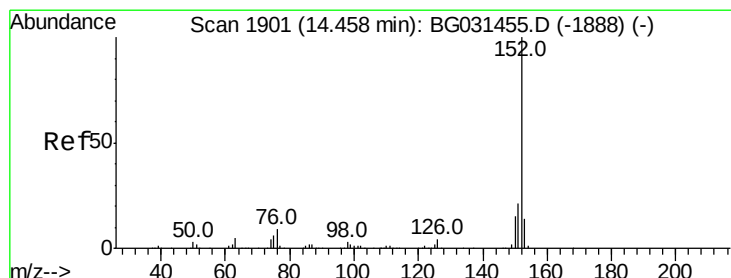
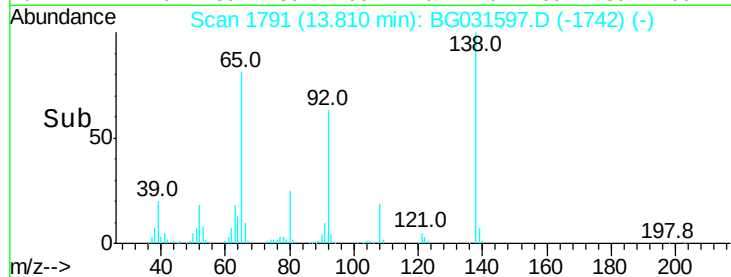
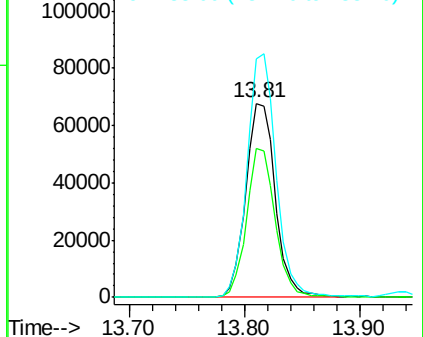
65 100

92 77.0 54.6 82.0

138 123.1 72.9 109.3#



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



#48

Acenaphthylene

Concen: 38.008 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

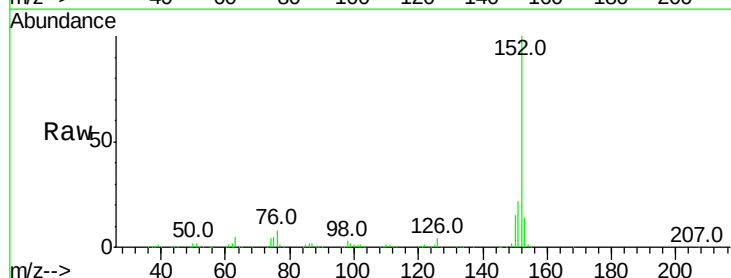
Tgt Ion: 152 Resp: 664631

Ion Ratio Lower Upper

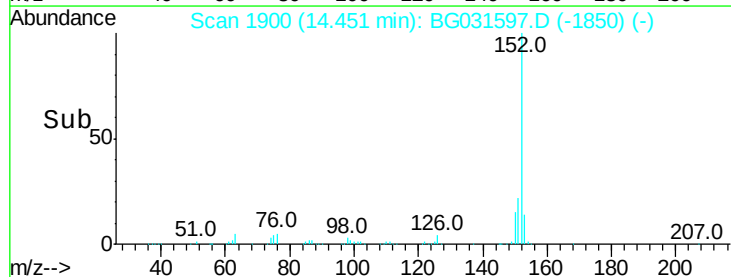
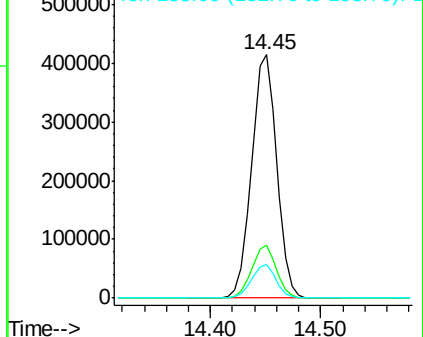
152 100

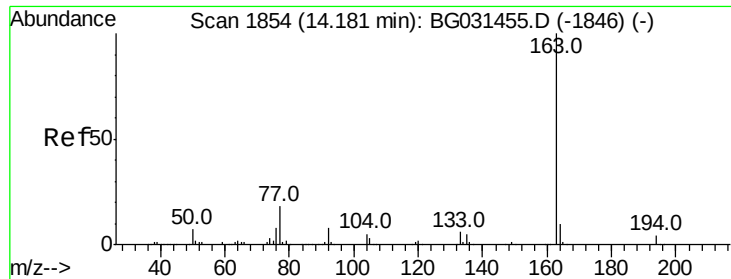
151 21.8 17.2 25.8

153 13.9 10.2 15.4



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





#49

Dimethylphthalate

Concen: 40.152 ng

RT: 14.17 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampled :

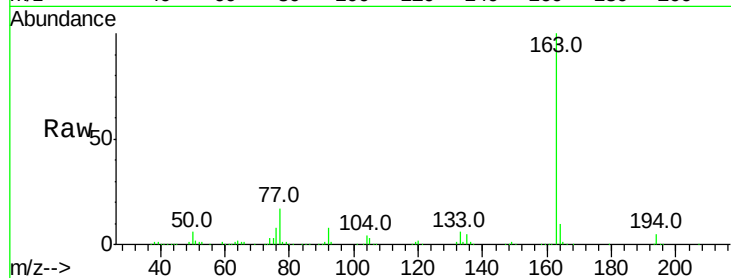
Tot Ion:163 Resp: 600940

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

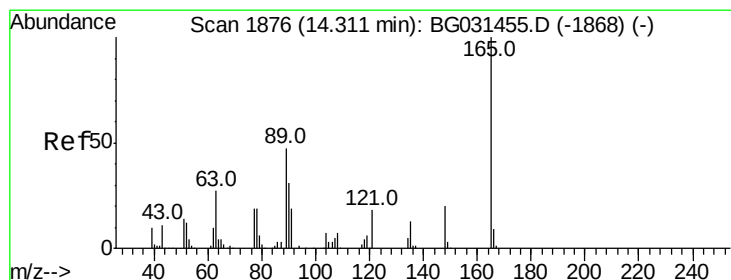
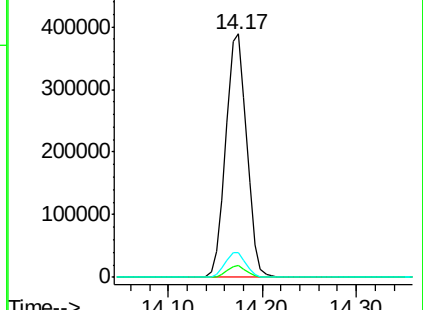
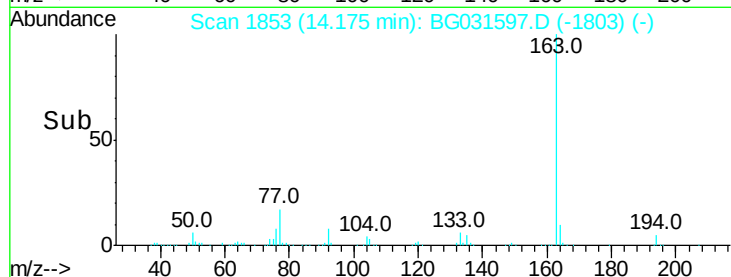
164 10.3 8.2 12.4



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: 42.794 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

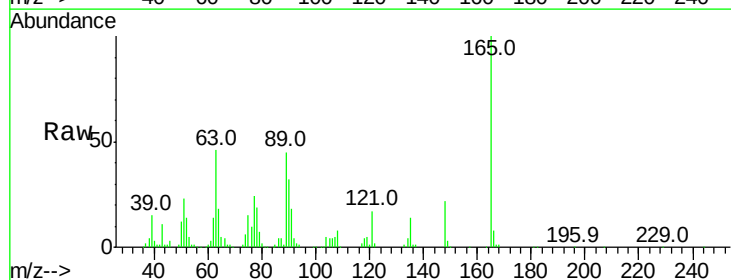
Tgt Ion:165 Resp: 136901

Ion Ratio Lower Upper

165 100

63 46.2 52.7 79.1#

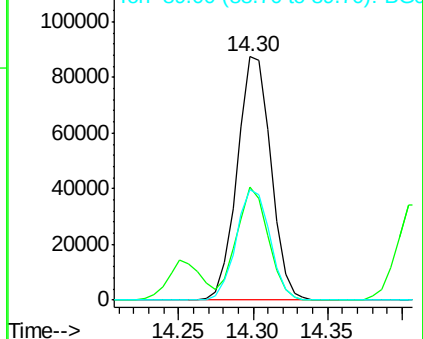
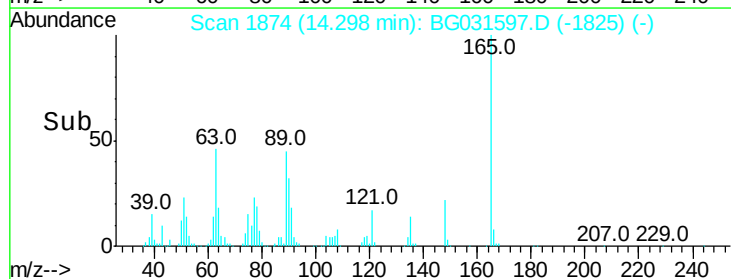
89 45.2 49.2 73.8#

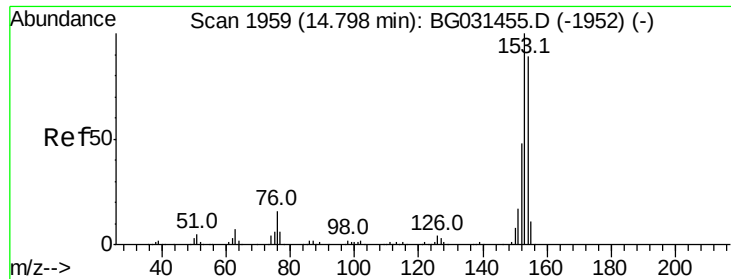


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.407 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

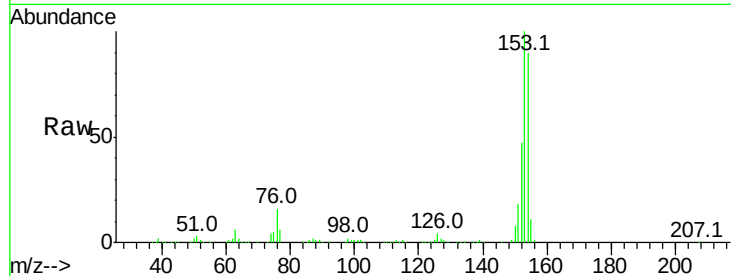
Tot Ion:154 Resp: 413614

Ion Ratio Lower Upper

154 100

153 111.3 90.4 135.6

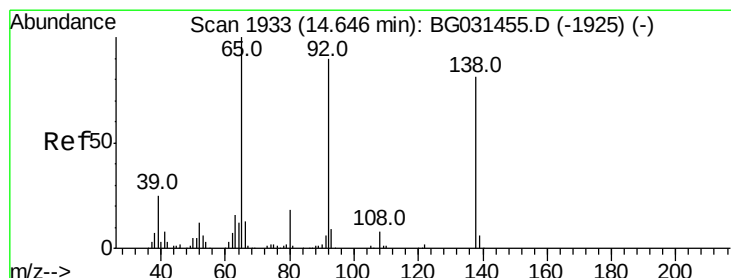
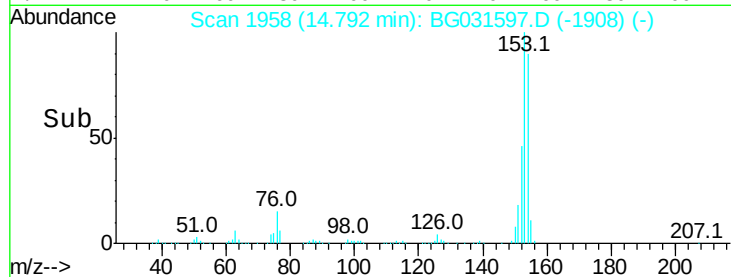
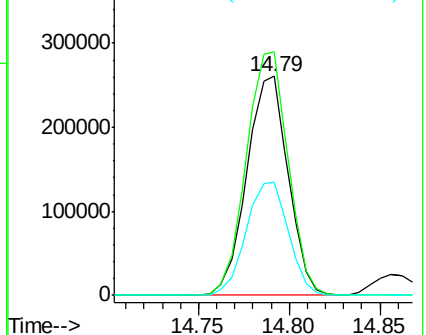
152 51.8 41.6 62.4



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: 15.276 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

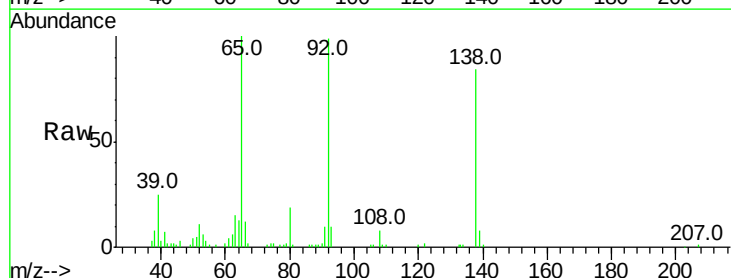
Tgt Ion:138 Resp: 49816

Ion Ratio Lower Upper

138 100

108 9.7 17.5 26.3#

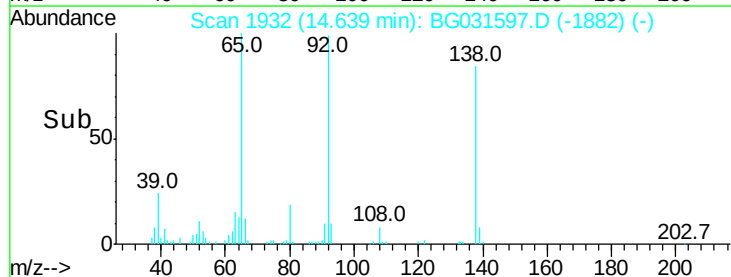
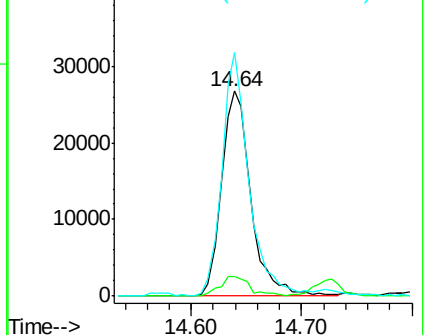
92 118.7 105.8 158.8

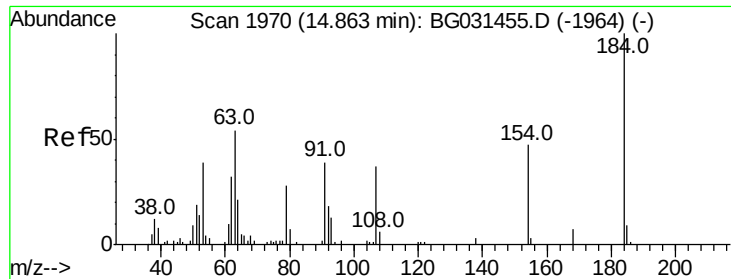


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

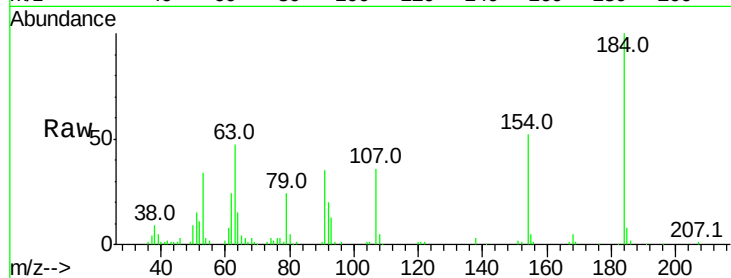




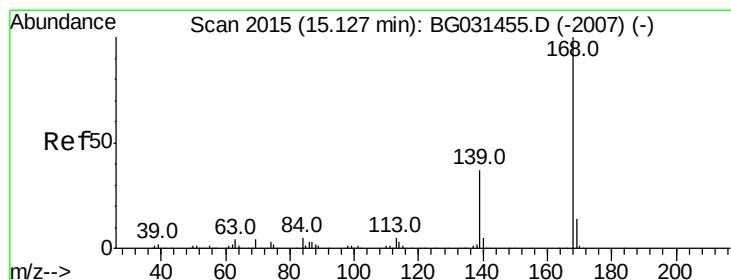
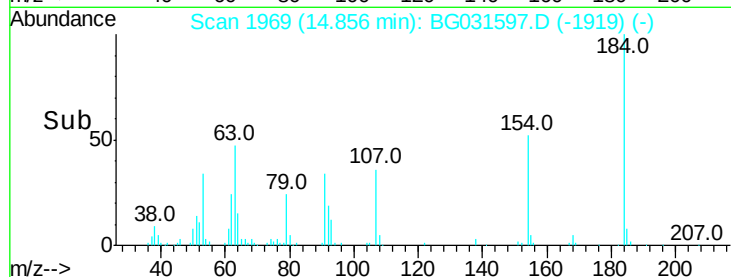
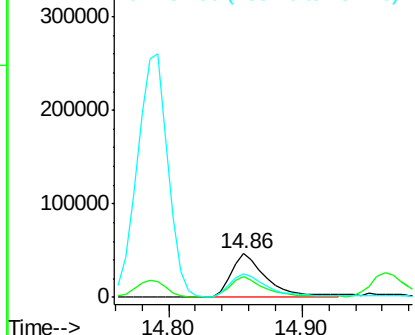
#53
2,4-Dinitrophenol
Concen: 67.376 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 87798
Ion Ratio Lower Upper
184 100
63 47.3 59.8 89.8#
154 52.4 101.8 152.8#

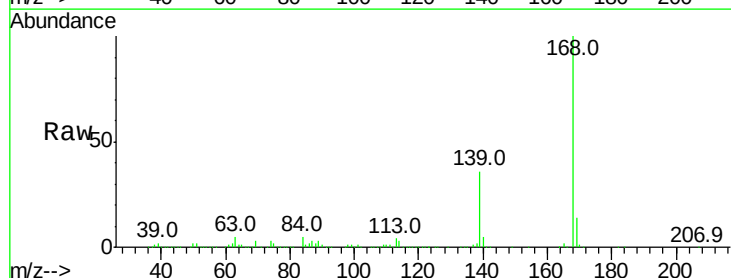


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

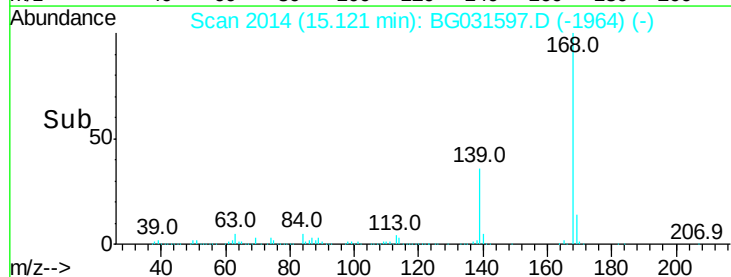
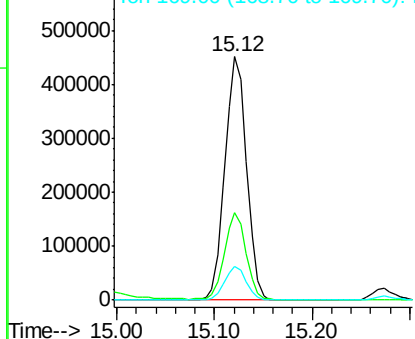


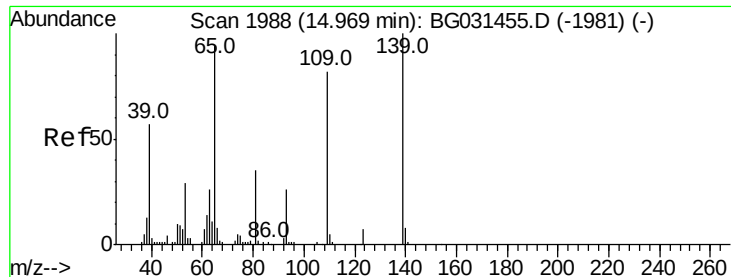
#54
Dibenzofuran
Concen: 39.265 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion:168 Resp: 692807
Ion Ratio Lower Upper
168 100
139 35.8 28.6 43.0
169 14.1 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: 85.829 ng

RT: 14.96 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

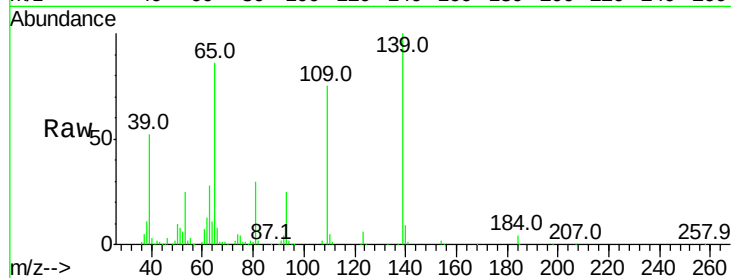
Tot Ion:139 Resp: 189721

Ion Ratio Lower Upper

139 100

109 74.8 62.2 102.2

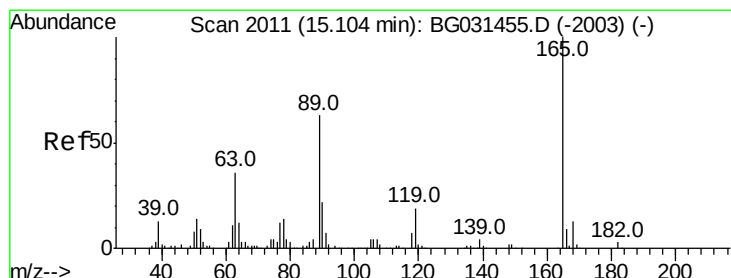
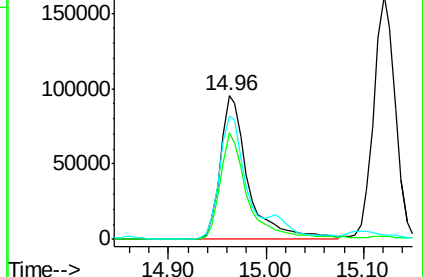
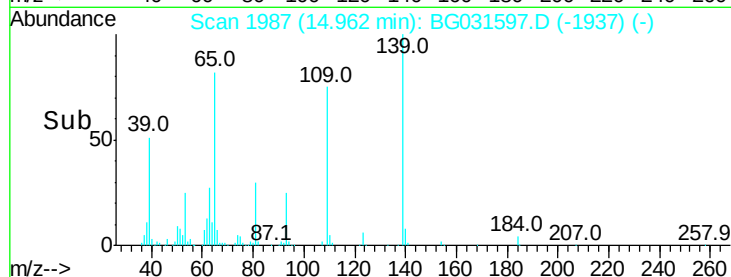
65 85.7 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 43.357 ng

RT: 15.10 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:165 Resp: 197001

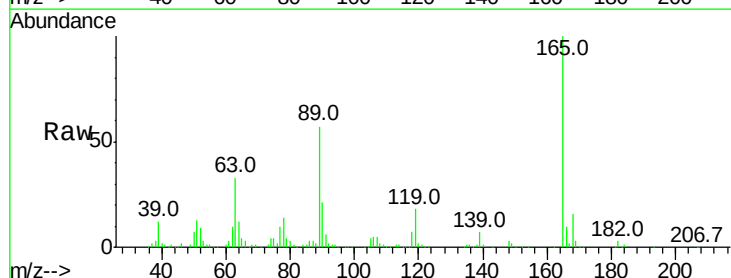
Ion Ratio Lower Upper

165 100

63 33.2 42.0 63.0#

89 57.5 66.9 100.3#

182 3.1 2.6 3.8

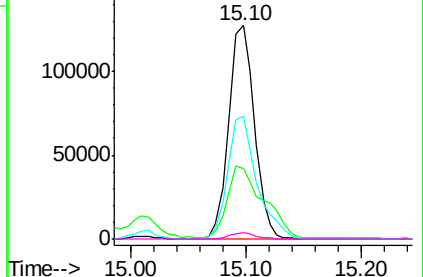
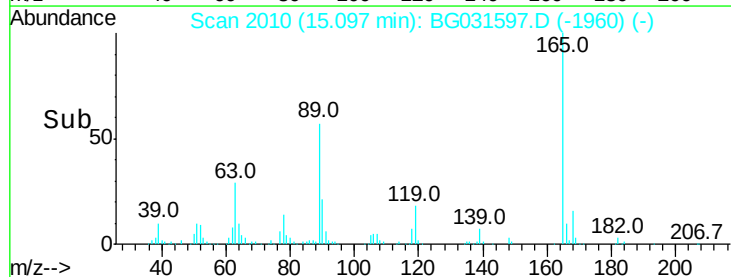


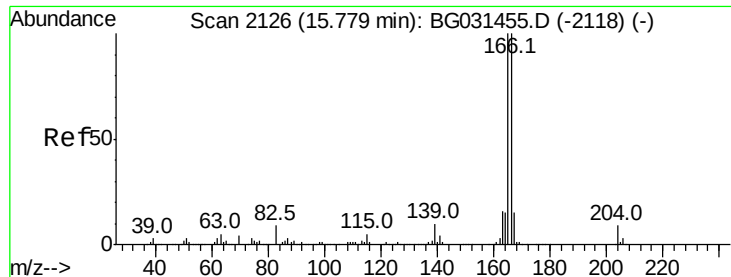
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 39.264 ng

RT: 15.77 min Scan# 2125

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

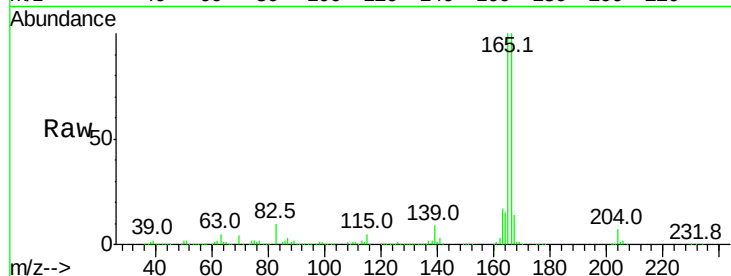
Tot Ion:166 Resp: 555098

Ion Ratio Lower Upper

166 100

165 100.2 80.6 121.0

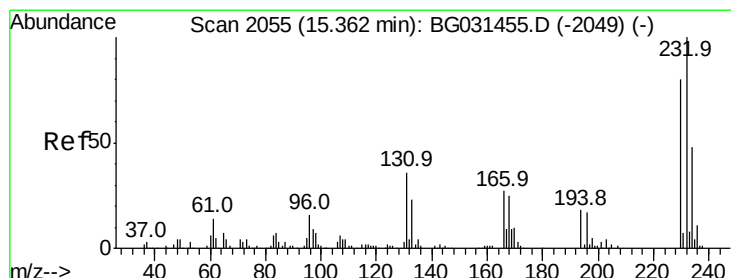
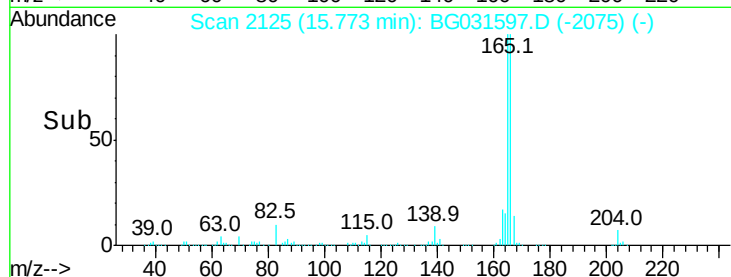
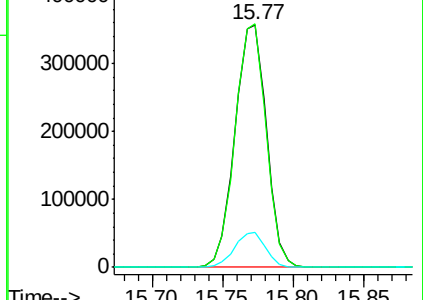
167 14.3 10.4 15.6



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: 48.742 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Tgt Ion:232 Resp: 178150

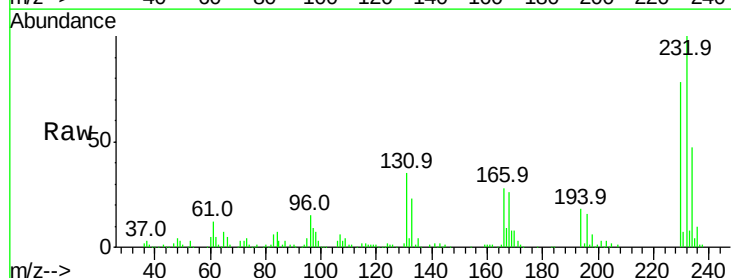
Ion Ratio Lower Upper

232 100

131 33.8 33.5 50.3

130 2.1 2.2 3.2#

166 26.0 24.8 37.2

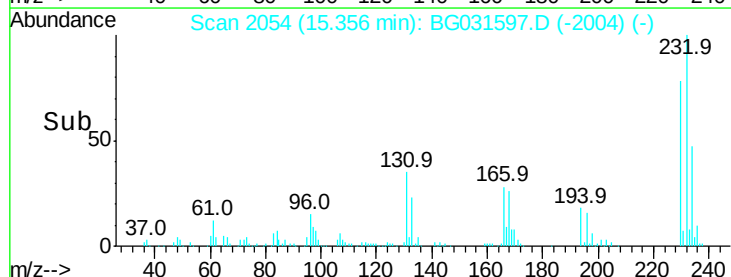
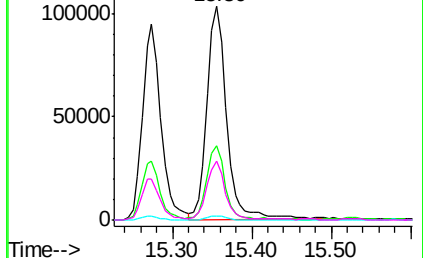


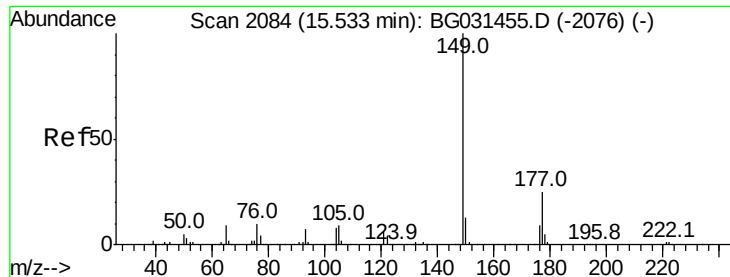
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

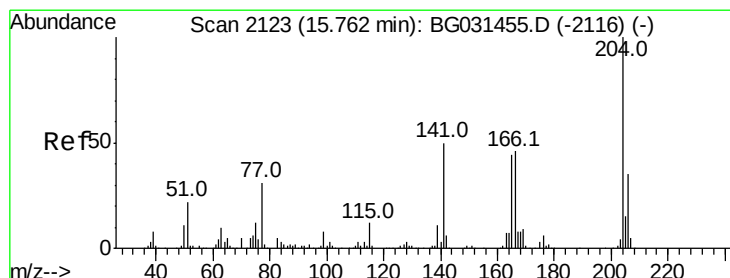
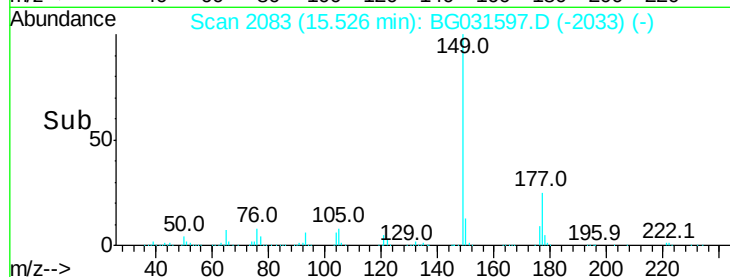
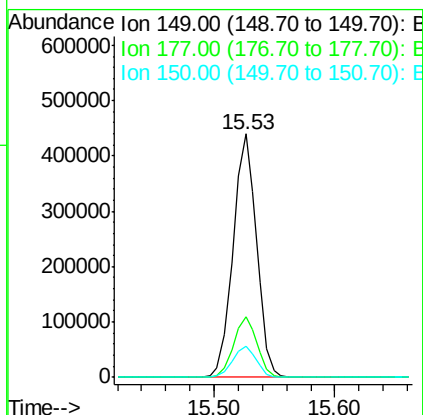
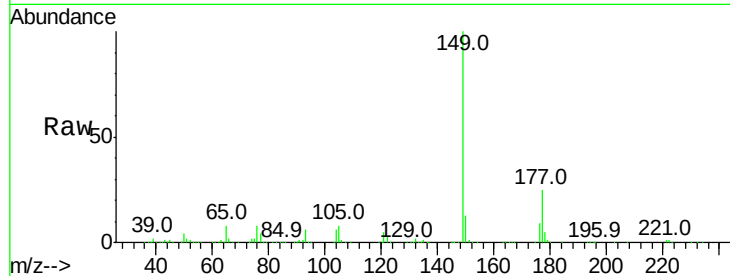




#59
Diethylphthalate
Concen: 39.593 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

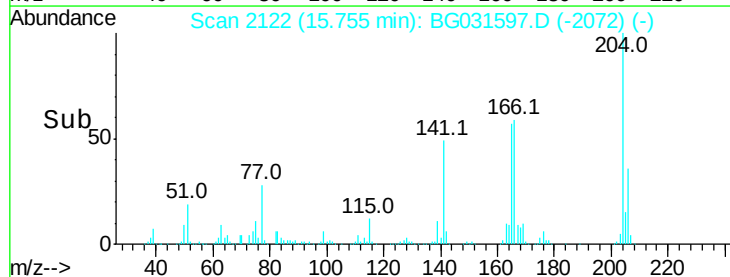
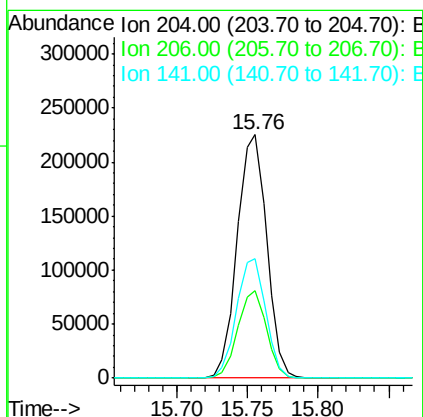
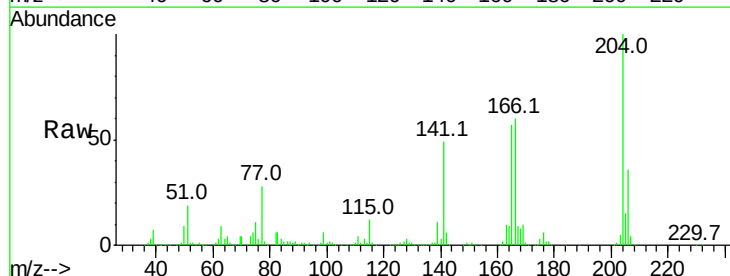
Instrument :
BNA_G
ClientSampled :

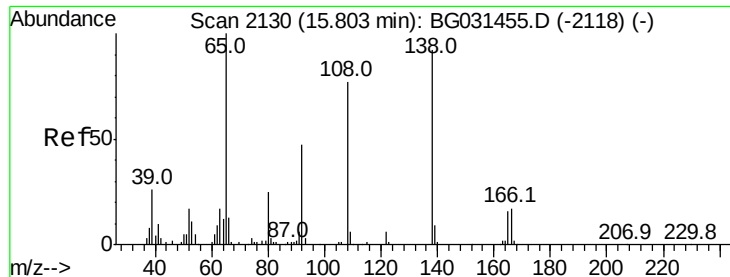
Tot Ion:149 Resp: 593977
Ion Ratio Lower Upper
149 100
177 24.7 18.5 27.7
150 12.9 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.029 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion:204 Resp: 328932
Ion Ratio Lower Upper
204 100
206 35.7 26.2 39.2
141 48.9 45.8 68.6

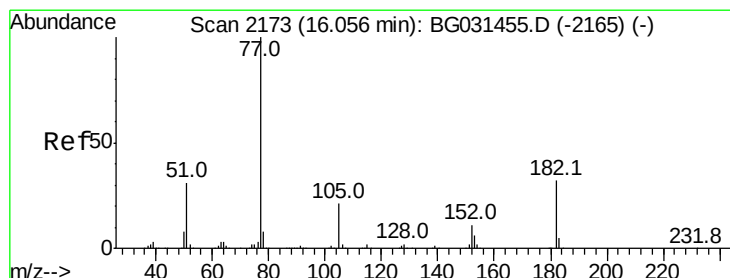
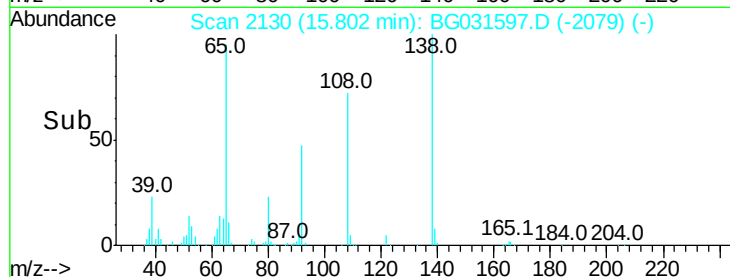
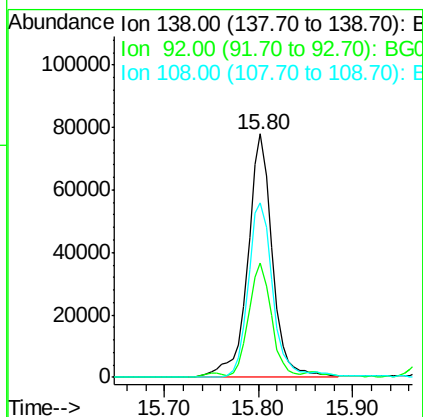
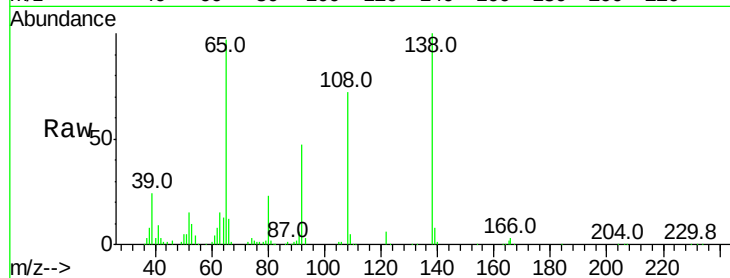




#61
4-Nitroaniline
Concen: 41.379 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

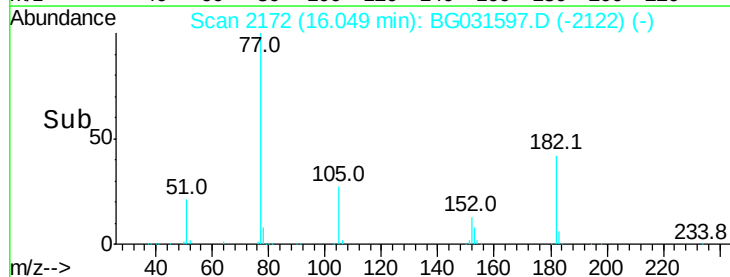
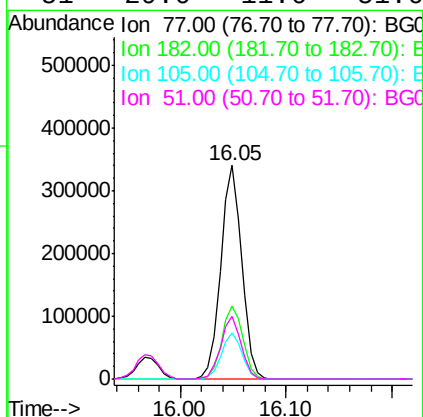
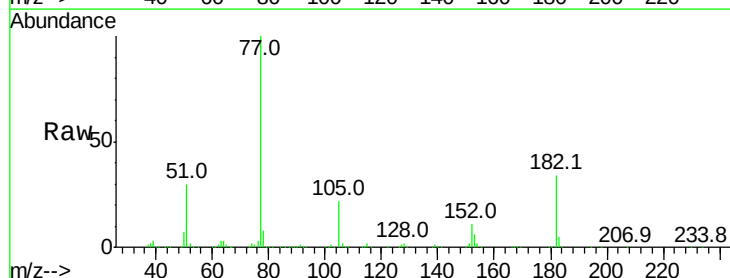
Instrument :
BNA_G
ClientSampleId :

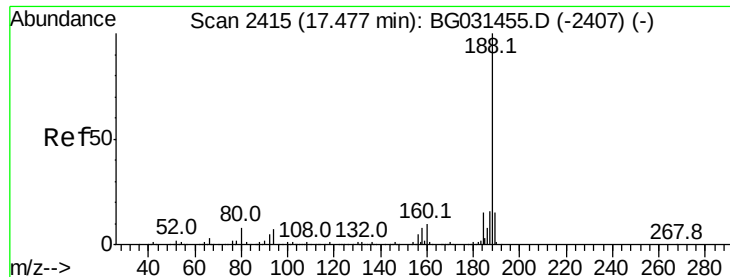
Tot Ion:138 Resp: 141609
Ion Ratio Lower Upper
138 100
92 47.1 40.1 80.1
108 71.8 65.4 105.4



#62
Azobenzene
Concen: 37.728 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion: 77 Resp: 468866
Ion Ratio Lower Upper
77 100
182 34.2 7.4 47.4
105 21.8 0.3 40.3
51 29.6 11.6 51.6

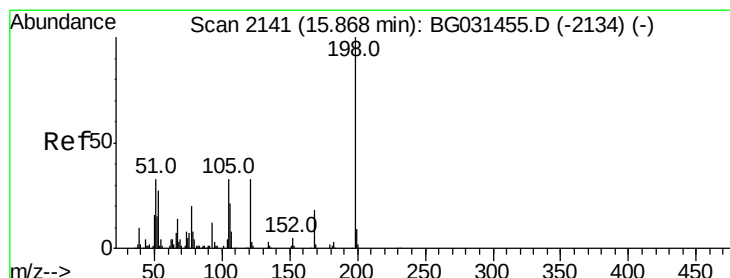
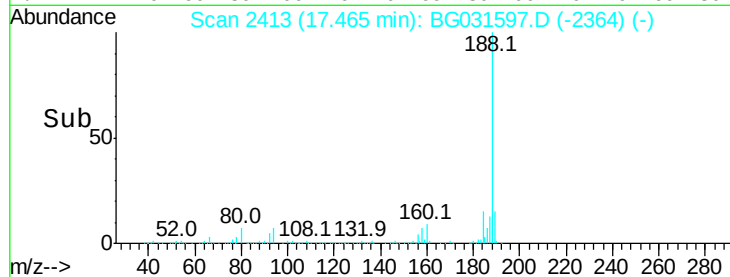
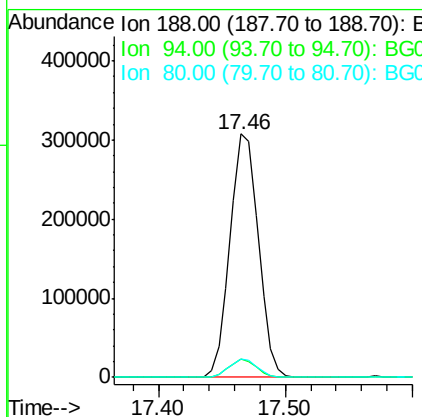
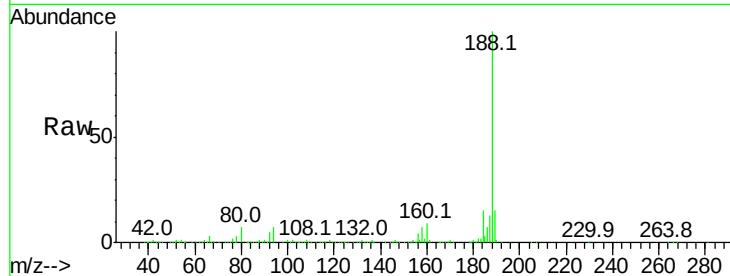




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

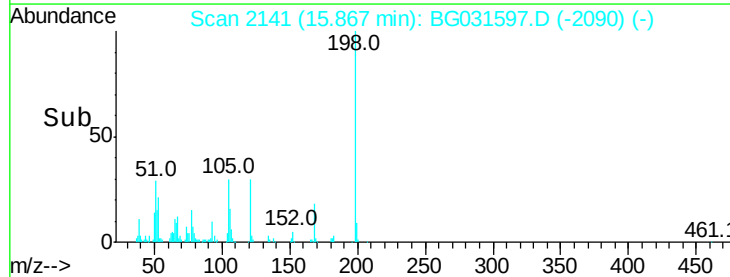
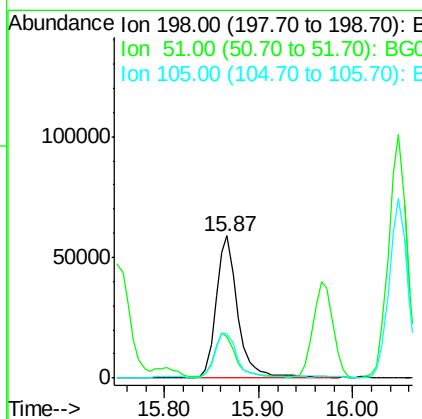
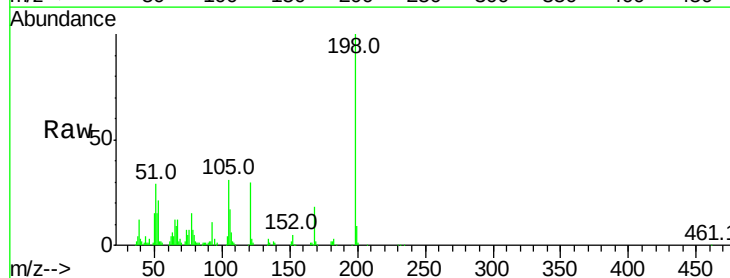
Instrument :
 BNA_G
 ClientSampleId :

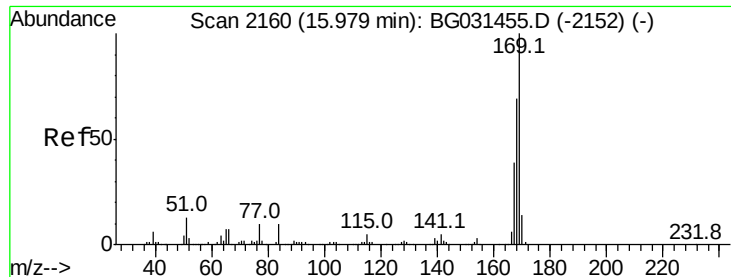
Tot Ion:188 Resp: 475877
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.9 10.3
 80 7.4 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.777 ng
 RT: 15.87 min Scan# 2141
 Delta R.T. -0.00 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion:198 Resp: 95832
 Ion Ratio Lower Upper
 198 100
 51 29.3 30.6 70.6#
 105 31.2 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 37.988 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

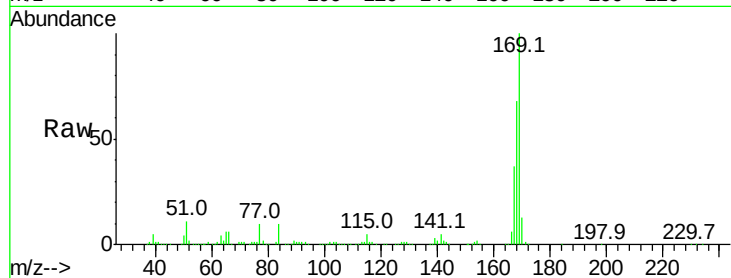
Tot Ion:169 Resp: 529144

Ion Ratio Lower Upper

169 100

168 68.3 55.7 83.5

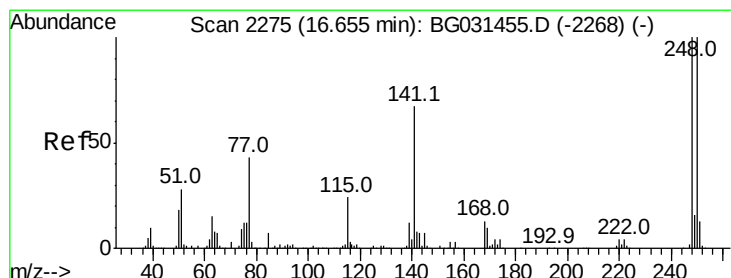
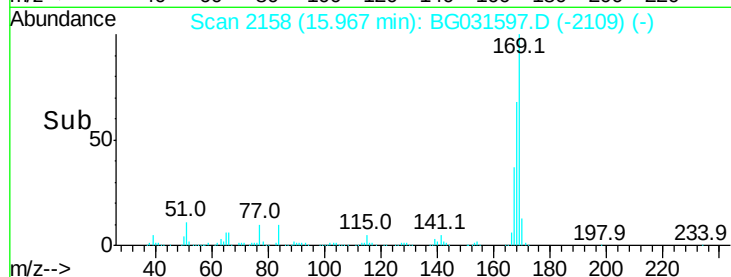
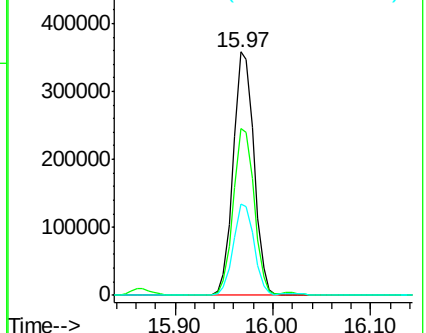
167 37.3 30.1 45.1



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: 40.180 ng

RT: 16.65 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

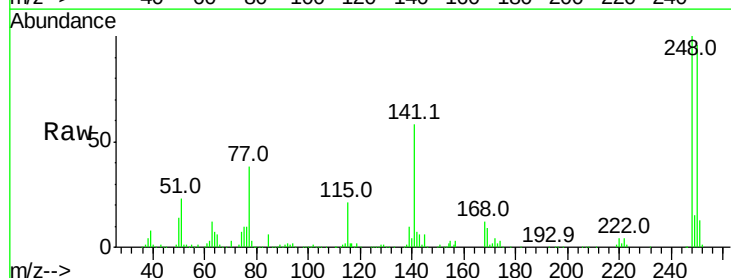
Tgt Ion:248 Resp: 222342

Ion Ratio Lower Upper

248 100

250 96.4 77.1 115.7

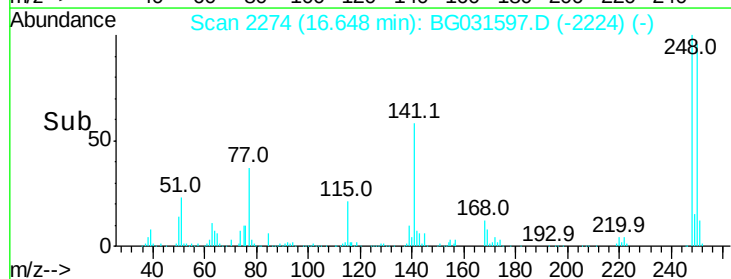
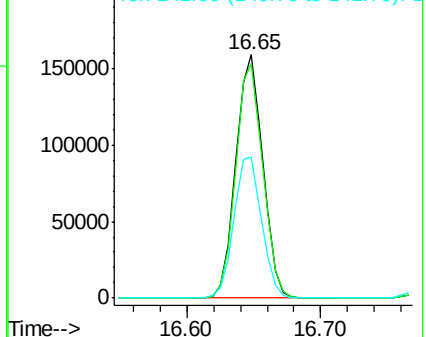
141 58.3 50.8 76.2

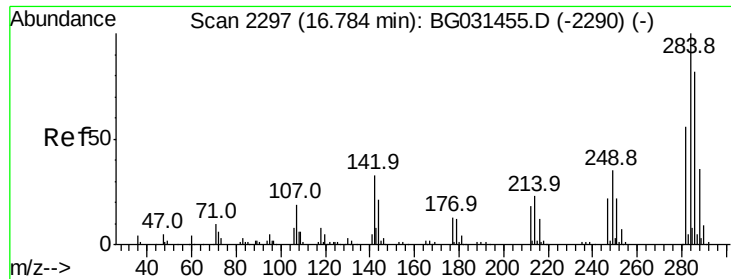


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.570 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

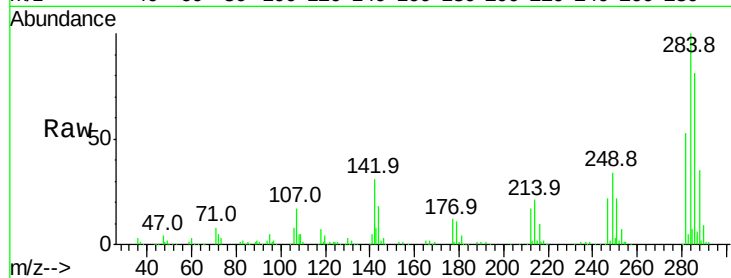
Tot Ion:284 Resp: 226107

Ion Ratio Lower Upper

284 100

142 30.8 26.8 40.2

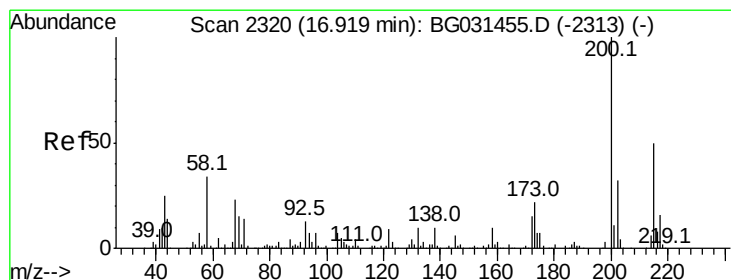
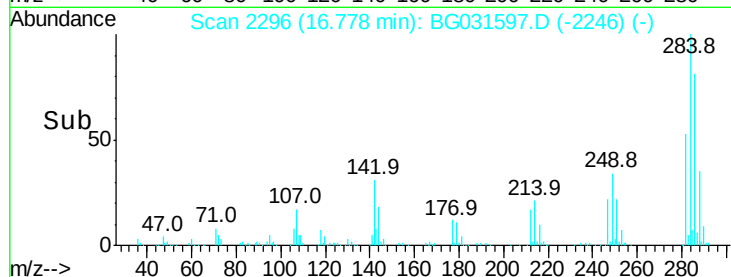
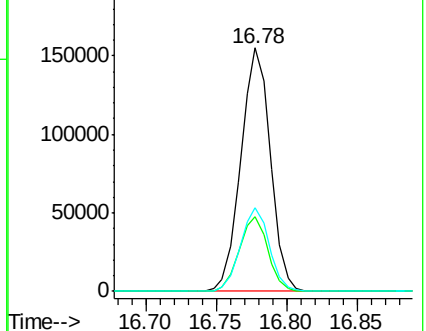
249 34.3 26.3 39.5



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: 45.139 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

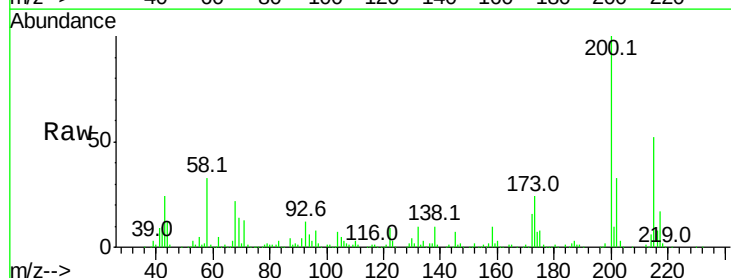
Tgt Ion:200 Resp: 229896

Ion Ratio Lower Upper

200 100

173 24.4 5.2 45.2

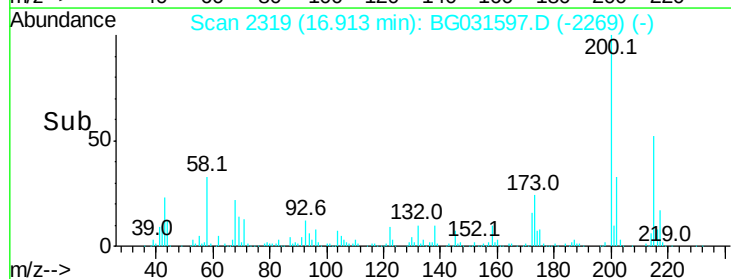
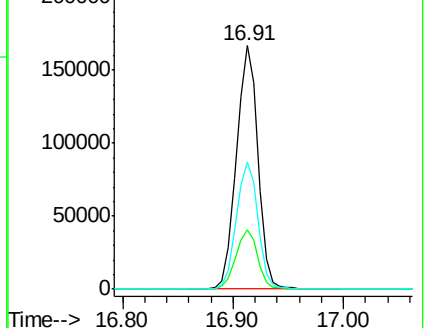
215 52.2 30.4 70.4

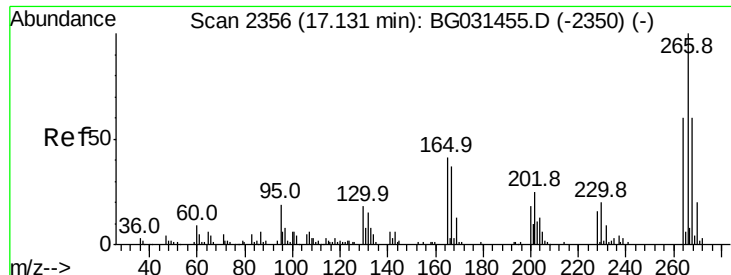


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 63.625 ng

RT: 17.12 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

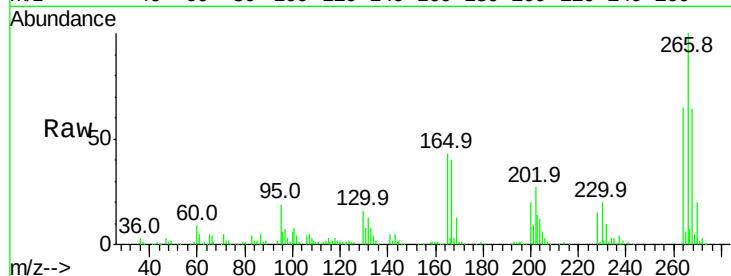
Tot Ion:266 Resp: 171333

Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

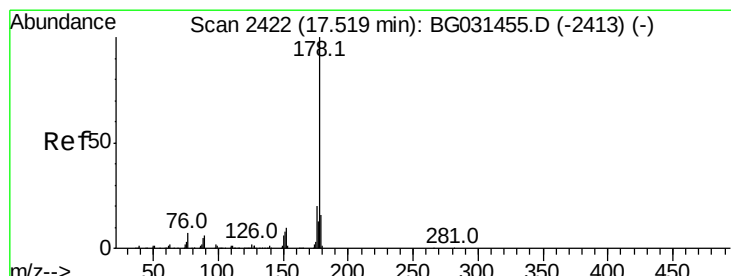
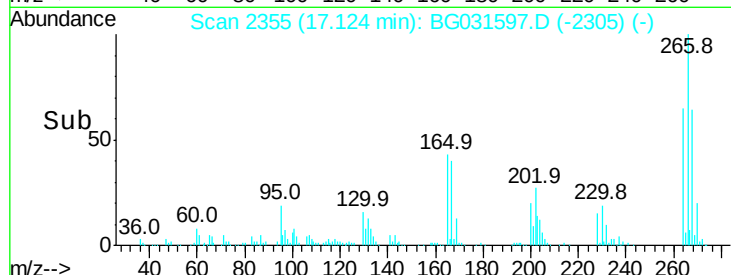
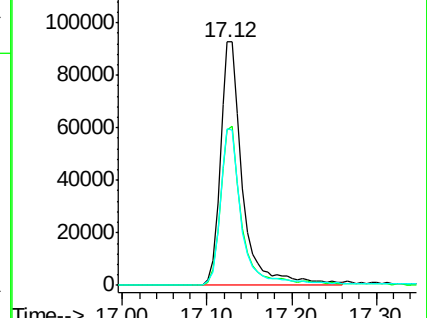
264 64.5 49.6 74.4



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: 39.038 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

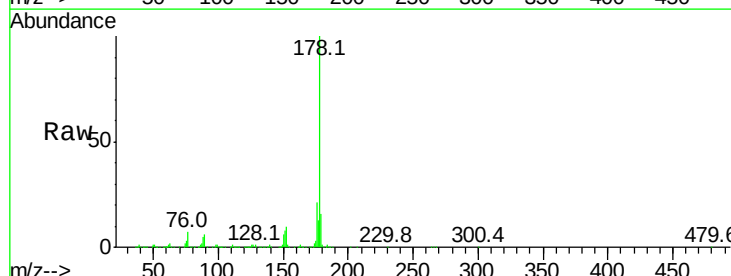
Tgt Ion:178 Resp: 970208

Ion Ratio Lower Upper

178 100

176 20.8 15.7 23.5

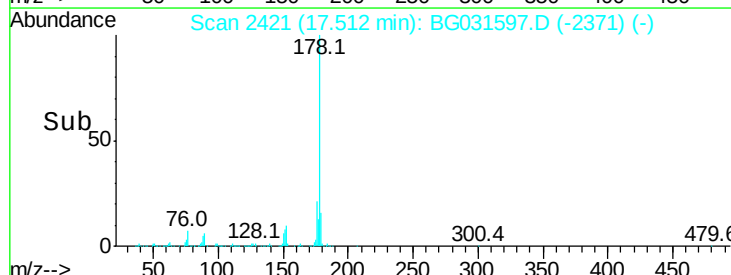
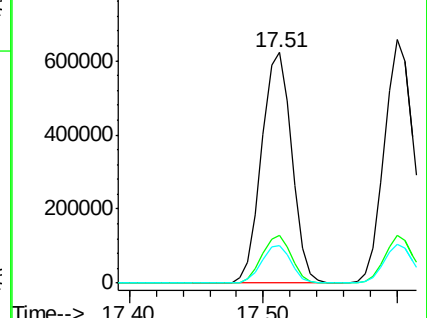
179 16.2 12.5 18.7

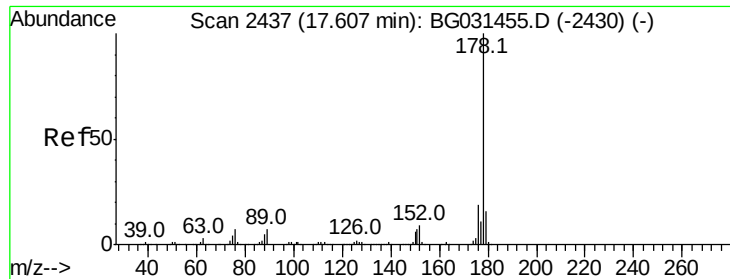


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

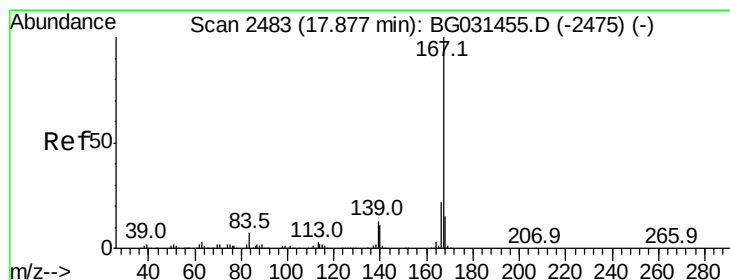
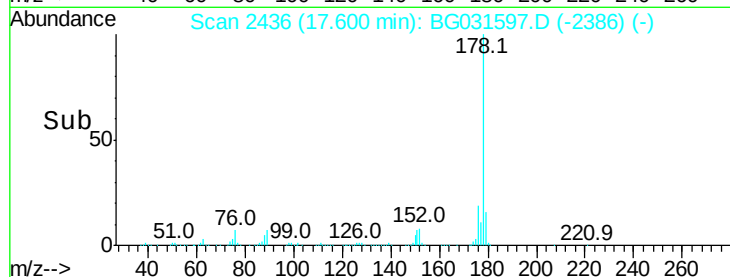
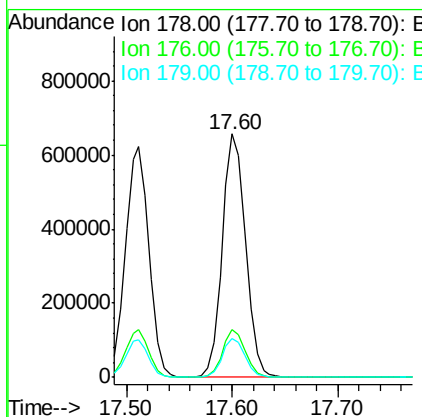
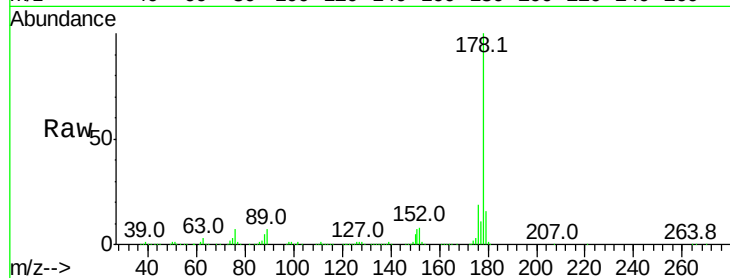




#71
 Anthracene
 Concen: 40.973 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

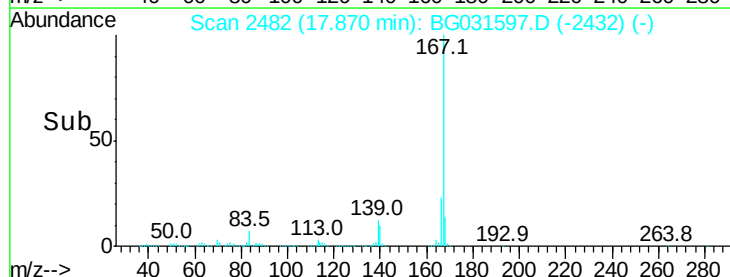
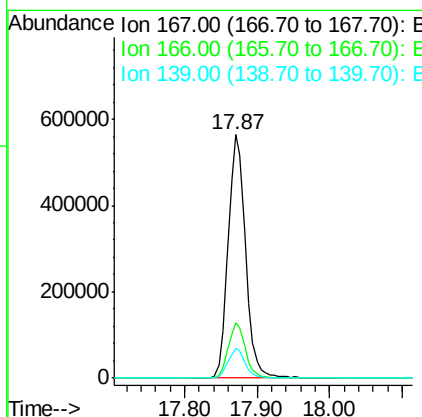
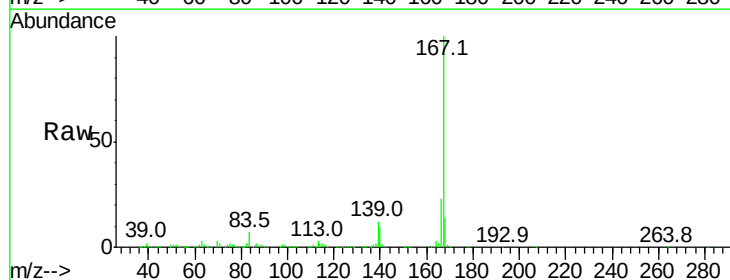
Instrument :
 BNA_G
 ClientSampleId :

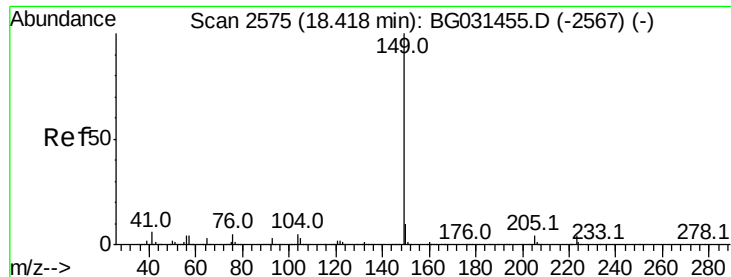
Tot Ion:178 Resp: 1007110
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.0 24.0
 179 16.0 12.5 18.7



#72
 Carbazole
 Concen: 42.281 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion:167 Resp: 940501
 Ion Ratio Lower Upper
 167 100
 166 22.8 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 40.869 ng

RT: 18.41 min Scan# 2573

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

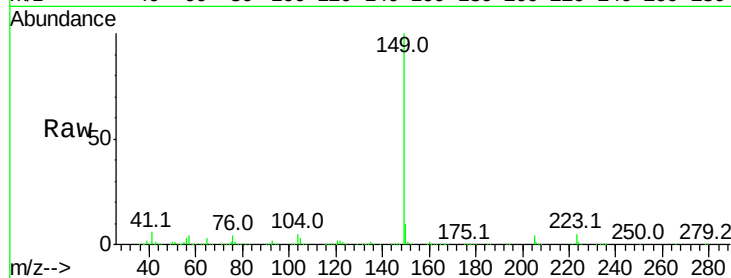
Tot Ion:149 Resp: 1049833

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

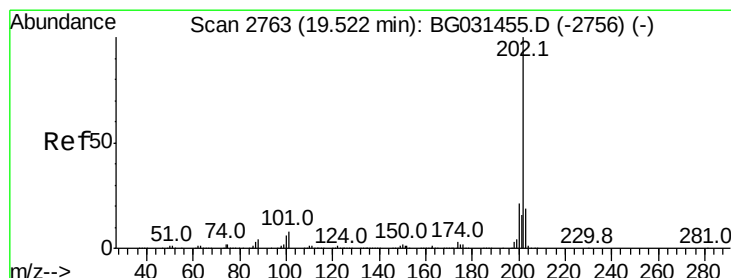
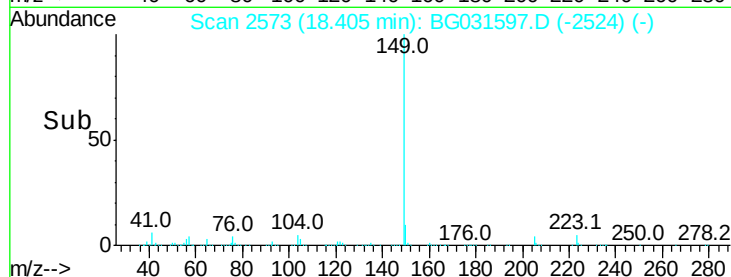
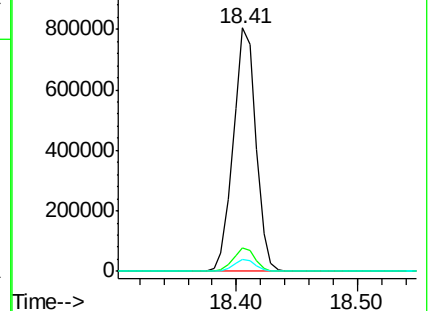
104 4.9 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.591 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

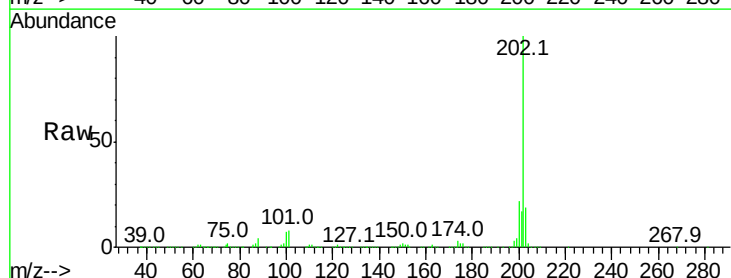
Tgt Ion:202 Resp: 1293598

Ion Ratio Lower Upper

202 100

101 8.0 0.0 28.9

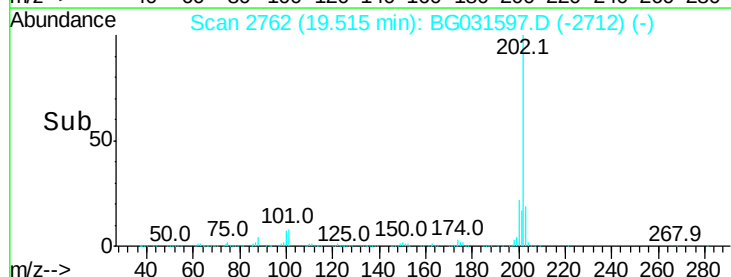
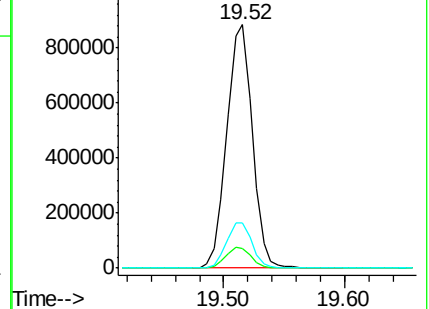
203 18.6 0.0 37.5

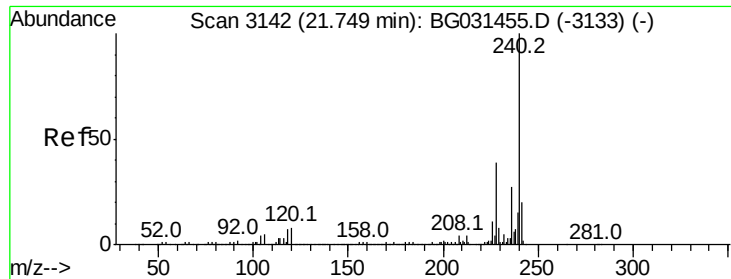


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

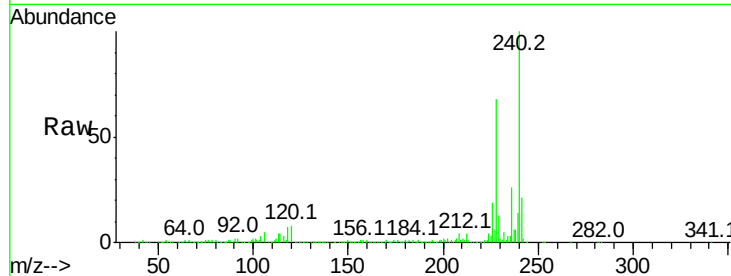
Tot Ion:240 Resp: 536711

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

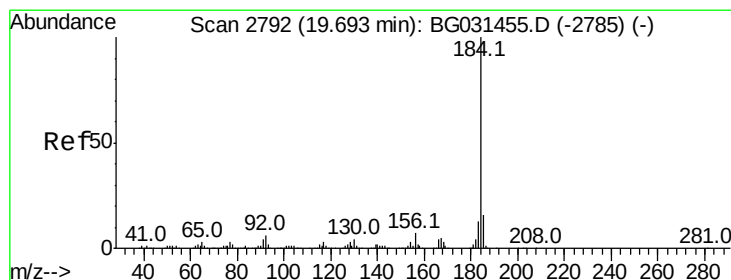
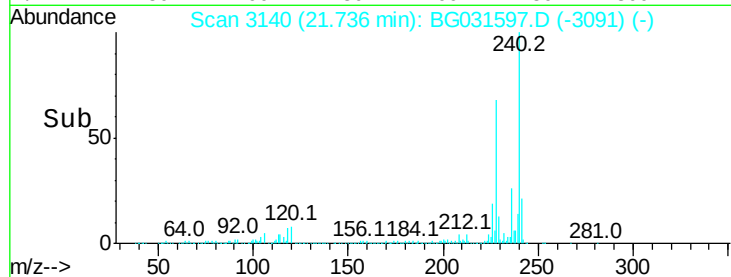
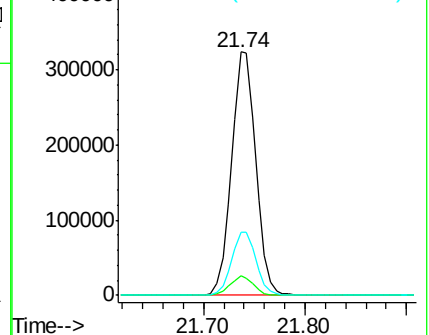
236 26.1 20.9 31.3



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: 29.636 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

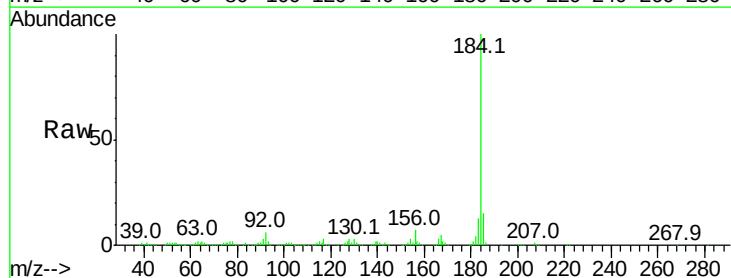
Tgt Ion:184 Resp: 370157

Ion Ratio Lower Upper

184 100

185 15.0 11.1 16.7

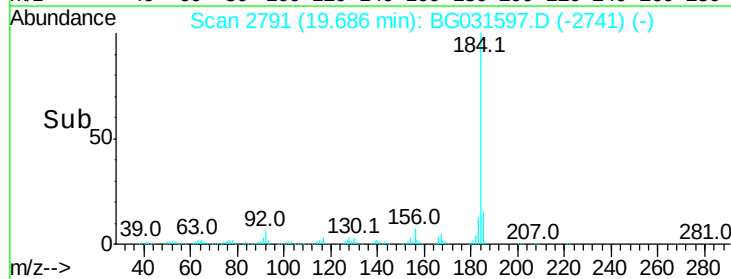
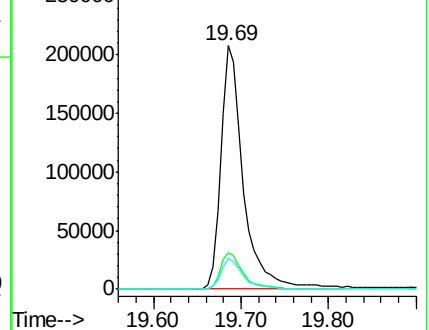
183 12.8 10.6 16.0

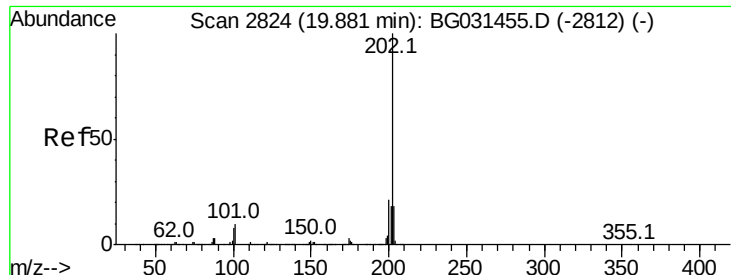


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

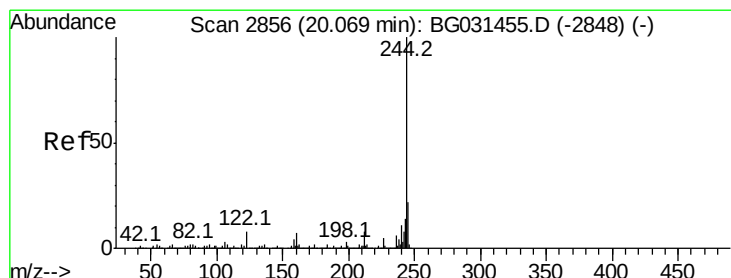
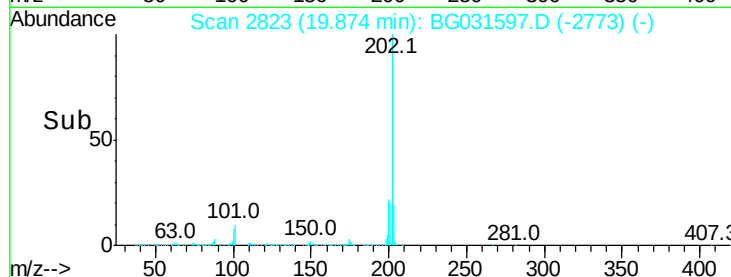
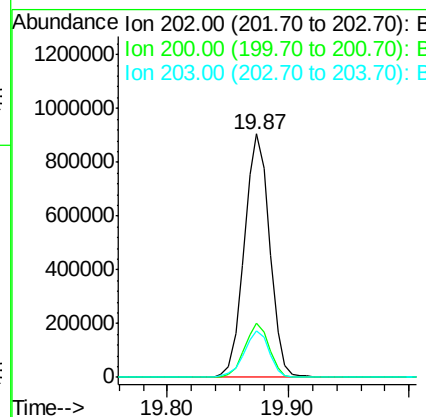
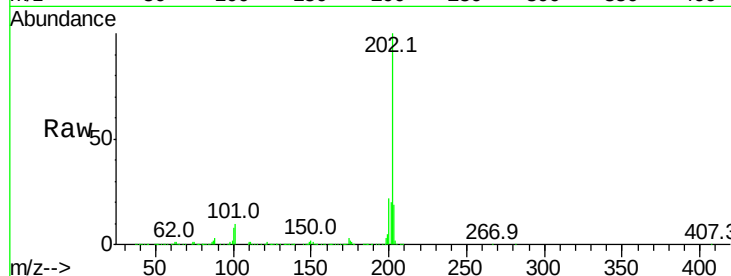




#77
 Pvrene
 Concen: 39.785 ng
 RT: 19.87 min Scan# 2823
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

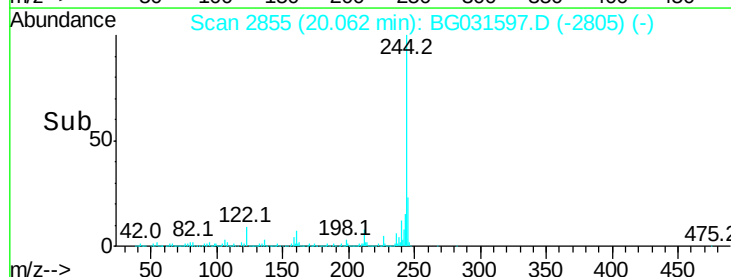
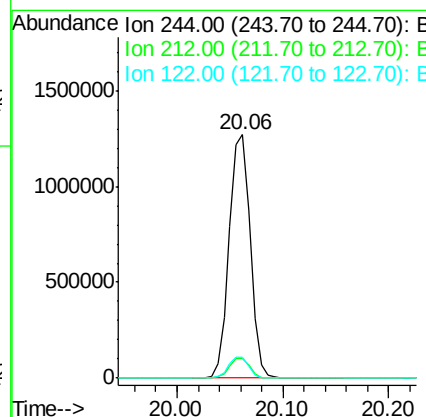
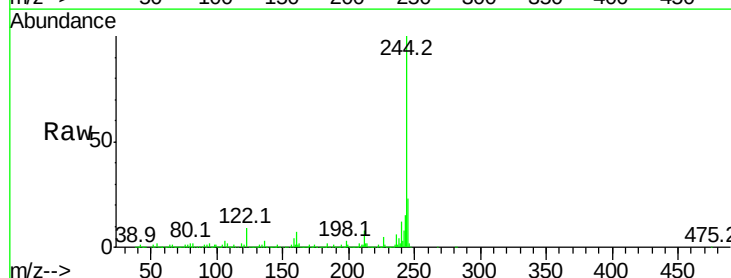
Instrument :
 BNA_G
 ClientSampleId :

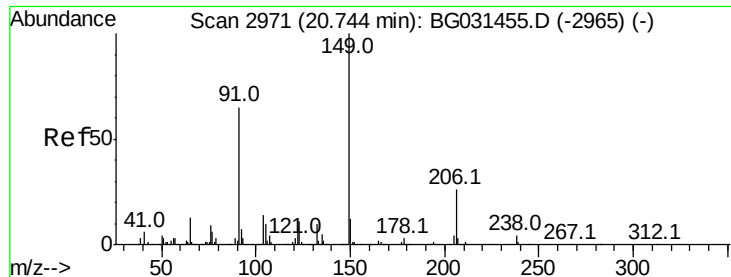
Tot Ion:202 Resp: 1326794
 Ion Ratio Lower Upper
 202 100
 200 22.2 16.9 25.3
 203 19.2 13.9 20.9



#78
 Terphenyl-d14
 Concen: 74.564 ng
 RT: 20.06 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion:244 Resp: 1758953
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 8.6 7.0 10.4

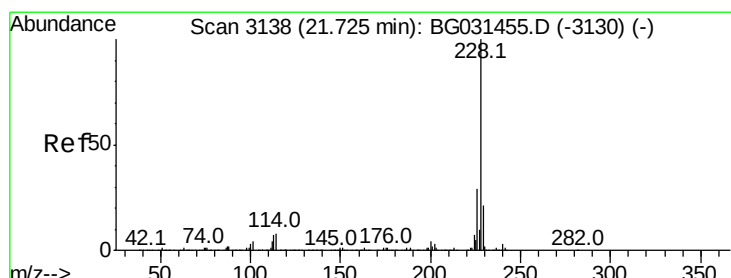
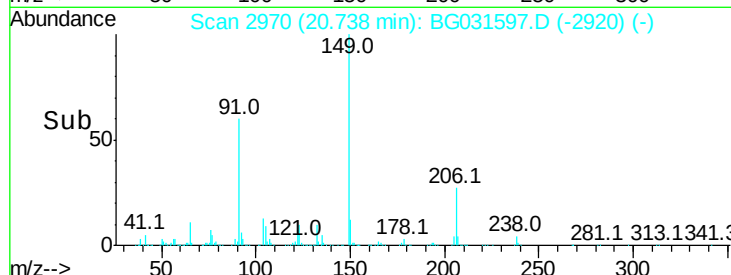
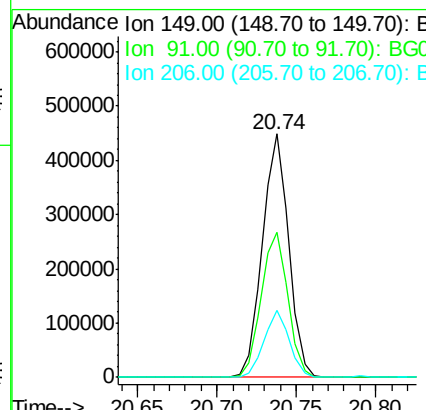
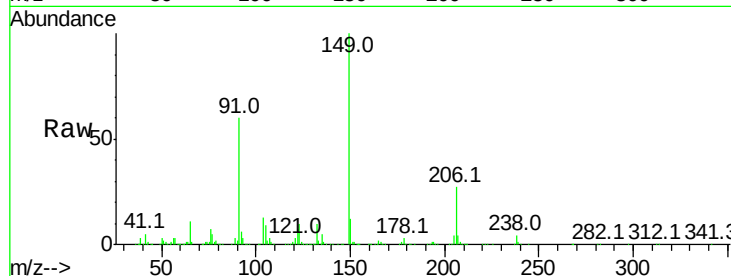




#79
Butylbenzylphthalate
Concen: 44.389 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

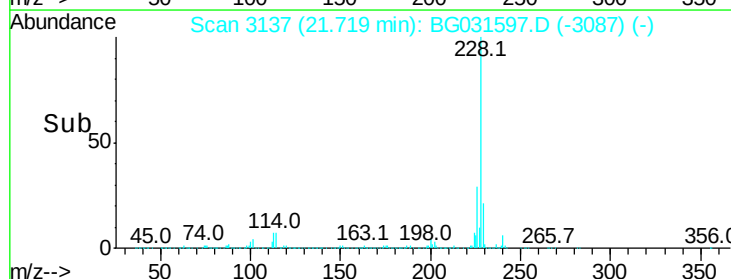
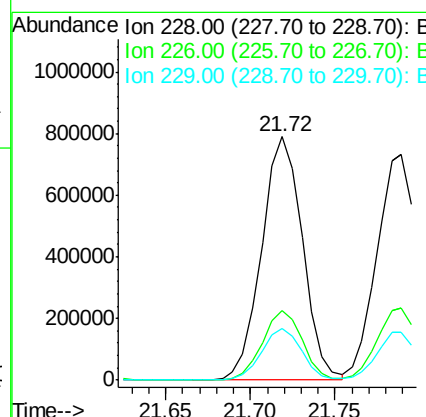
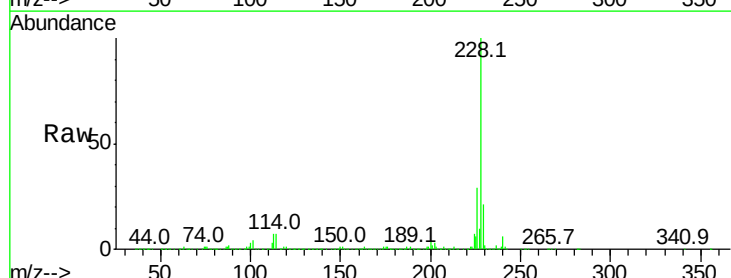
Instrument :
BNA_G
ClientSampled :

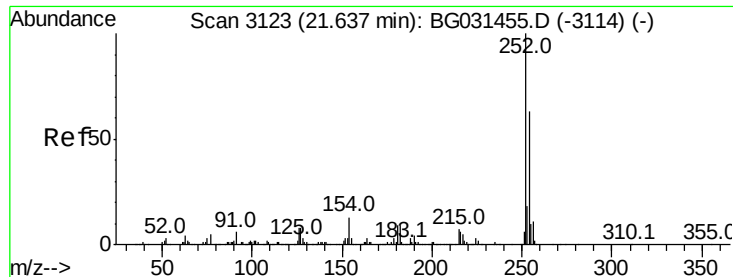
Tot Ion:149 Resp: 519321
Ion Ratio Lower Upper
149 100
91 59.8 62.2 93.2#
206 27.5 18.6 27.8



#80
Benzo(a)anthracene
Concen: 41.004 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion:228 Resp: 1328320
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 21.1 16.2 24.2

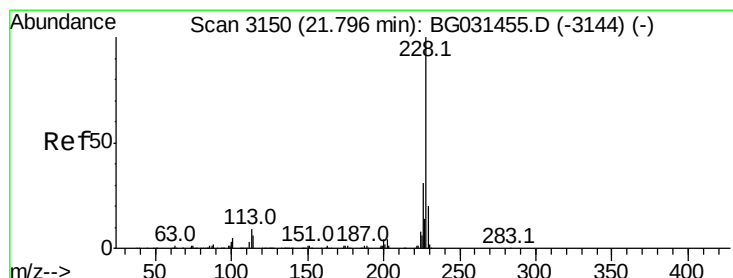
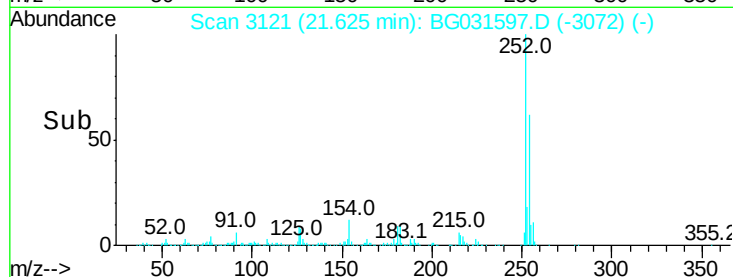
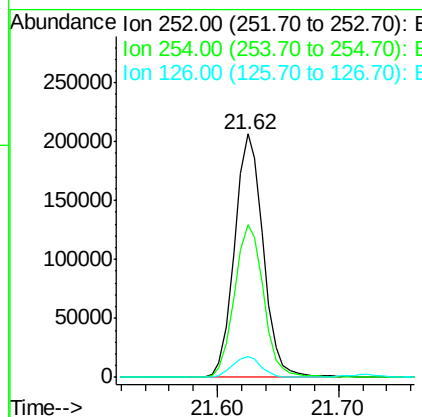
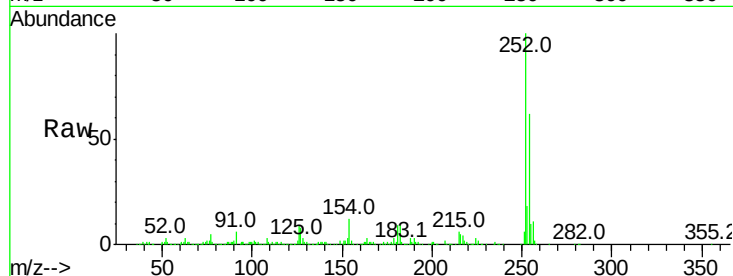




#81
 3,3'-Dichlorobenzidine
 Concen: 30.303 ng
 RT: 21.62 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

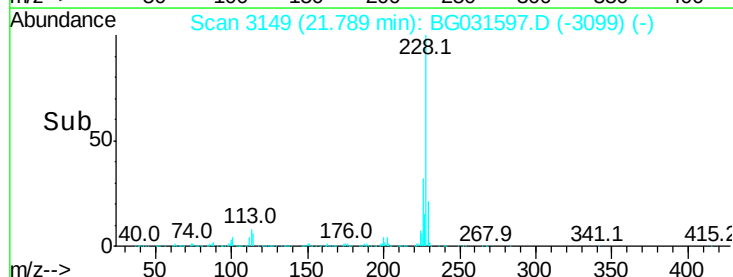
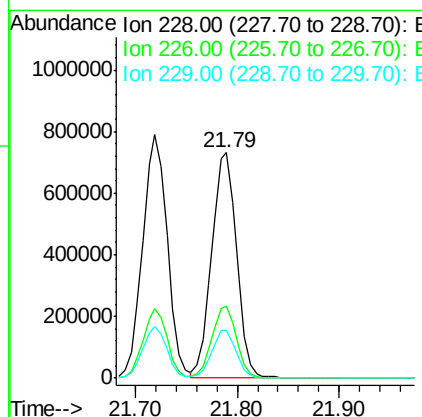
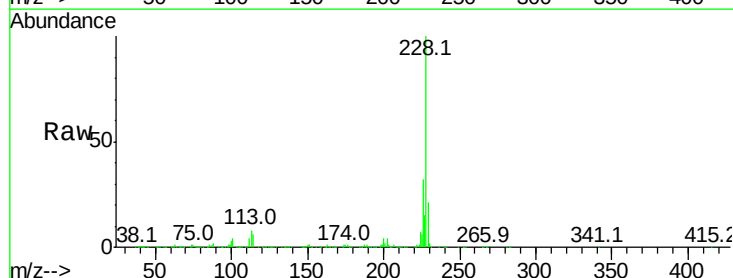
Instrument :
 BNA_G
 ClientSampled :

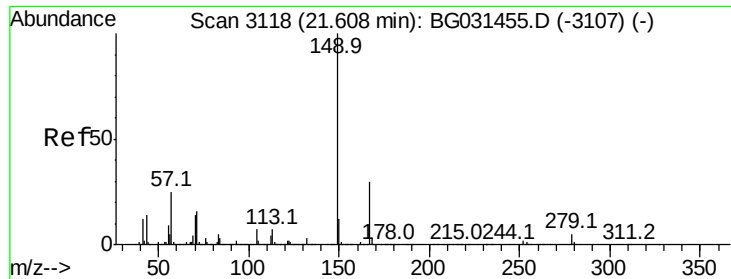
Tot Ion:252 Resp: 341653
 Ion Ratio Lower Upper
 252 100
 254 62.5 50.8 76.2
 126 8.8 7.4 11.2



#82
 Chrysene
 Concen: 40.052 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion:228 Resp: 1243864
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.9 37.3
 229 21.3 15.0 22.4

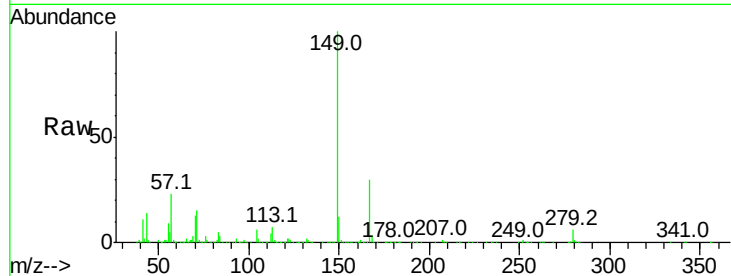




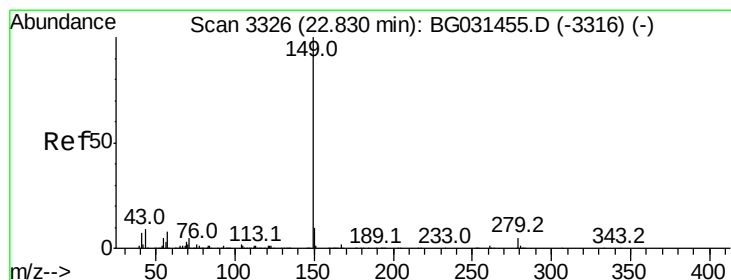
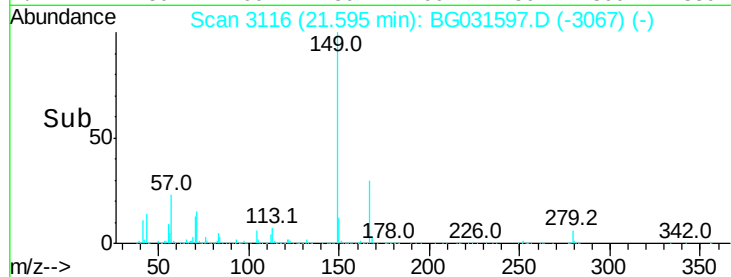
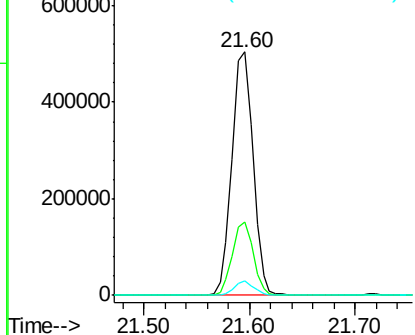
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.260 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	30.4	24.3	36.5
279	5.8	4.0	6.0

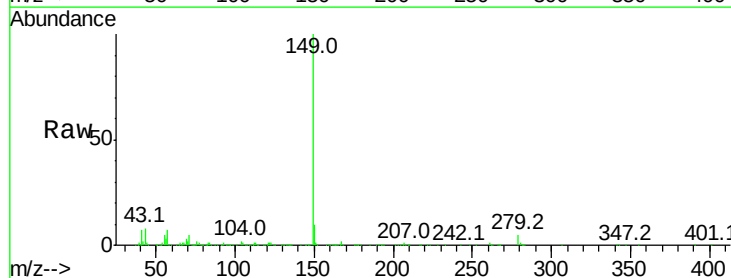


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

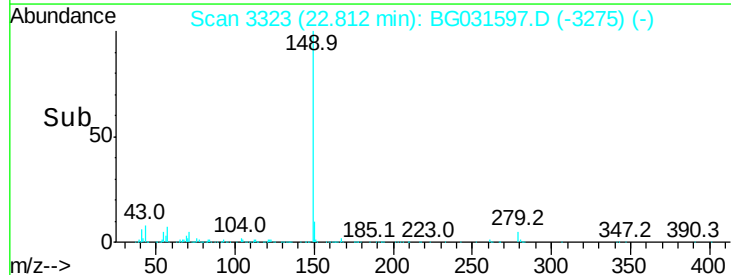
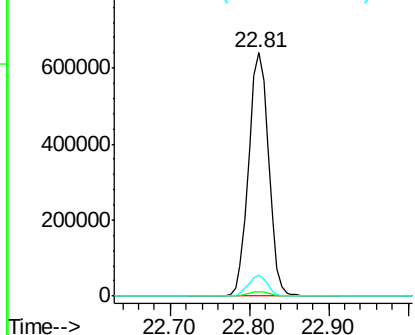


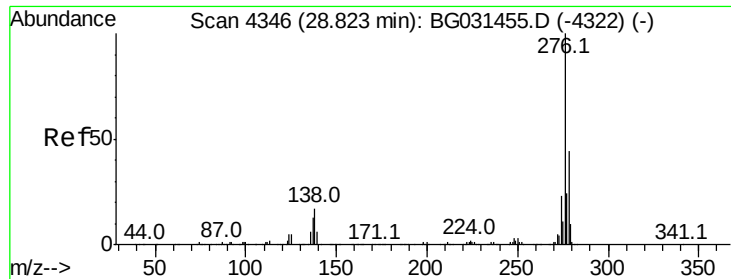
#84
 Di-n-octyl phthalate
 Concen: 40.698 ng
 RT: 22.81 min Scan# 3323
 Delta R.T. -0.02 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.1	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): BGO

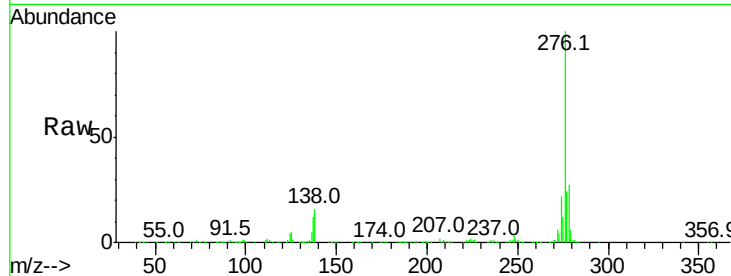




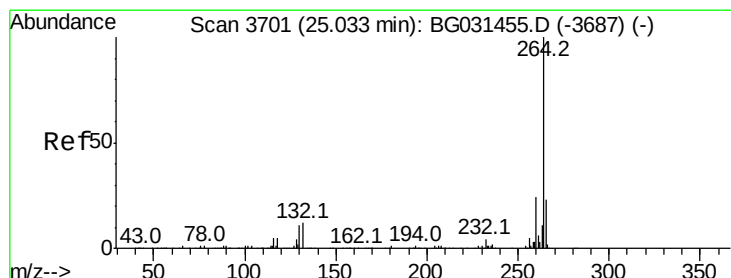
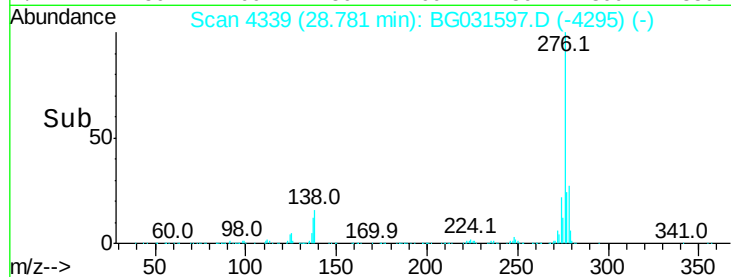
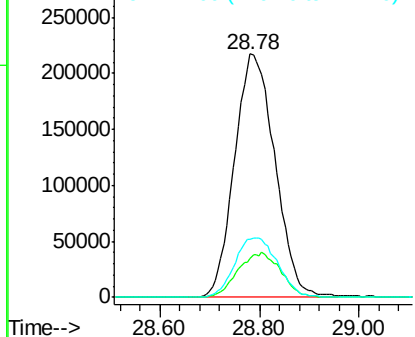
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.952 ng
 RT: 28.78 min Scan# 4339
 Delta R.T. -0.04 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 1226437
 Ion Ratio Lower Upper
 276 100
 138 10.1 16.0 24.0#
 277 25.9 20.0 30.0

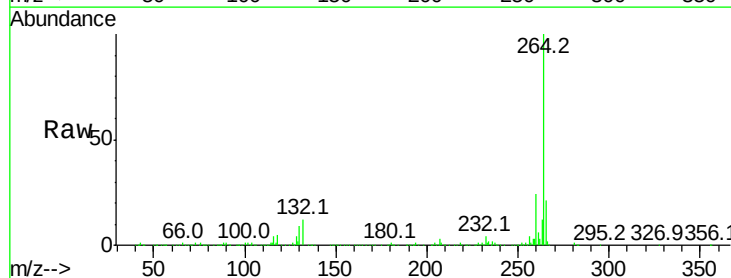


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

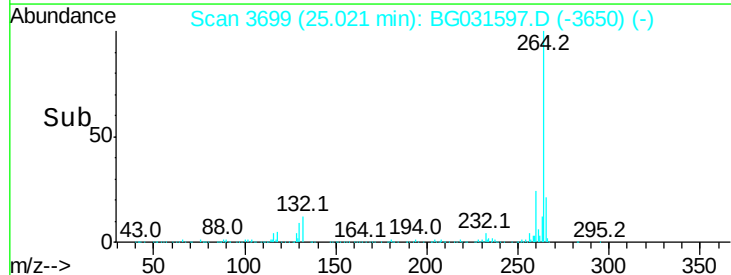
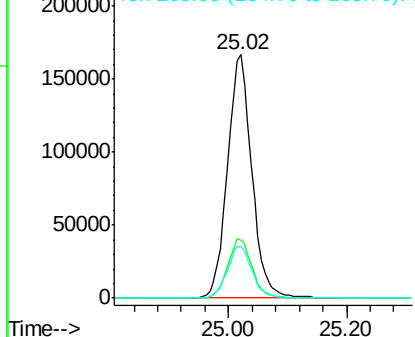


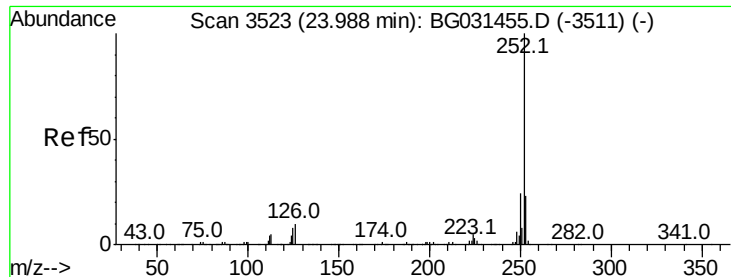
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BG031597.D
 Acq: 15 Dec 2017 20:51

Tgt Ion:264 Resp: 478872
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.4 26.0
 265 21.2 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

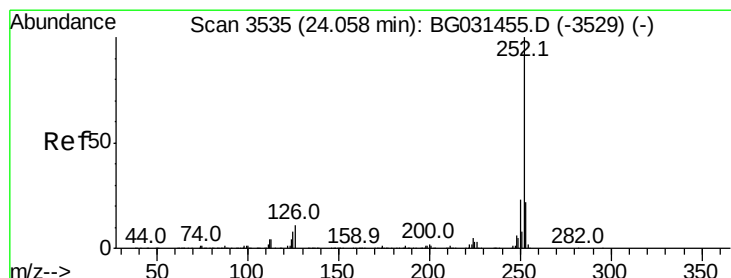
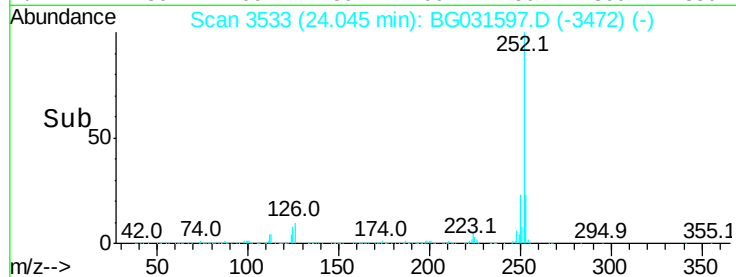
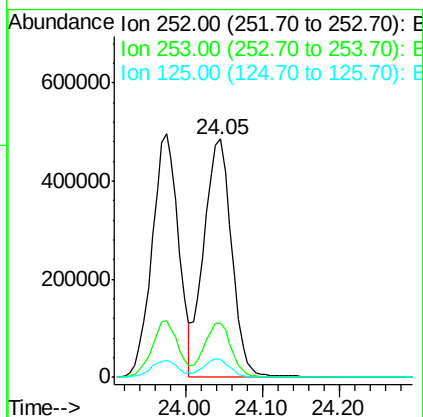
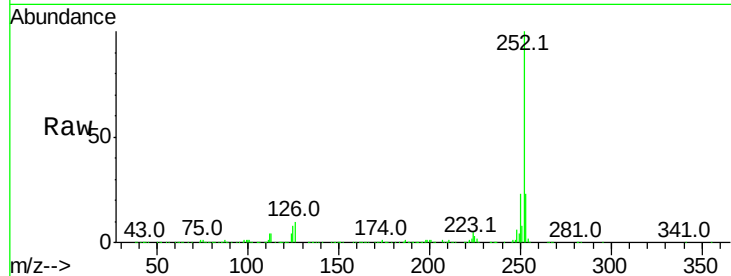




#87
Benzo(b)fluoranthene
Concen: 42.148 ng
RT: 24.05 min Scan# 3533
Delta R.T. 0.06 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

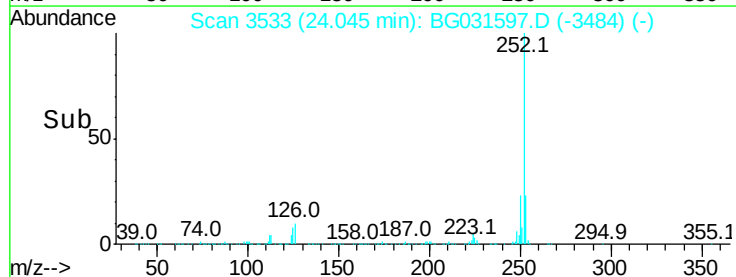
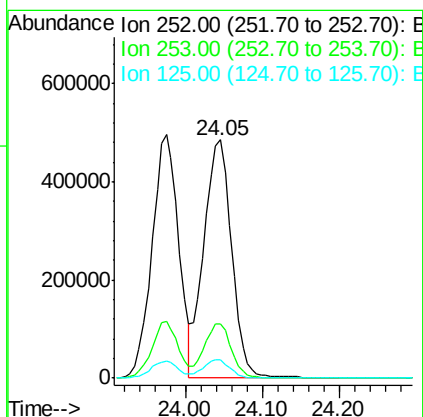
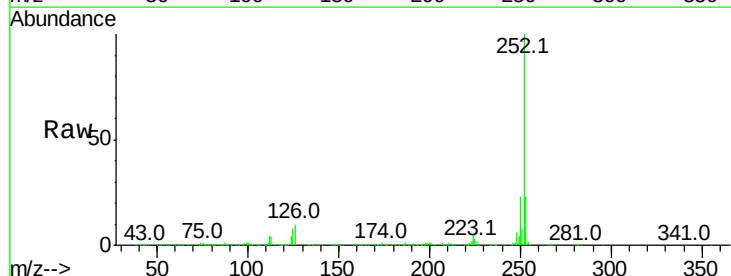
Instrument :
BNA_G
ClientSampleId :

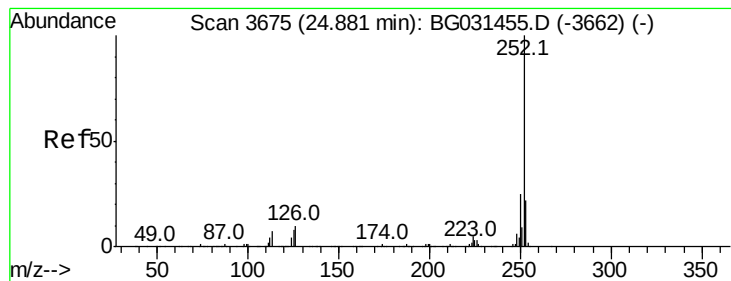
Tot Ion:252 Resp: 1206681
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.4
125 7.5 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 41.301 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG031597.D
Acq: 15 Dec 2017 20:51

Tgt Ion:252 Resp: 1206681
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 7.5 6.6 9.8





#89

Benzo(a)pyrene

Concen: 42.762 ng

RT: 24.87 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampled :

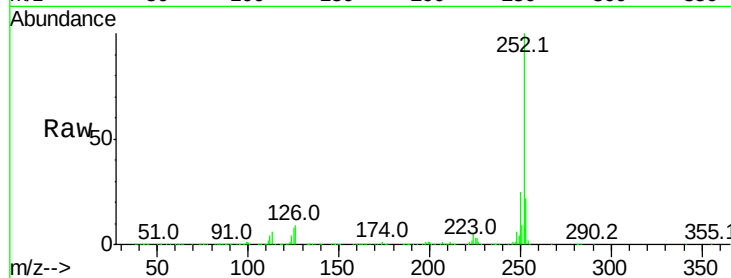
Tot Ion:252 Resp: 1161359

Ion Ratio Lower Upper

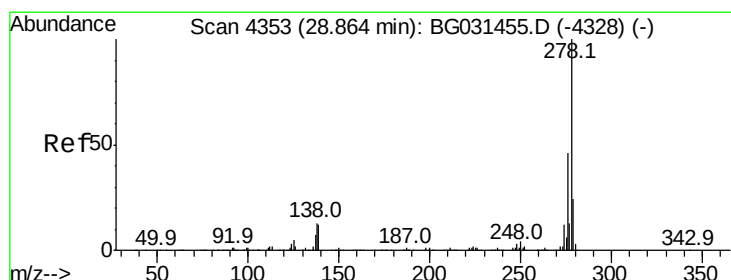
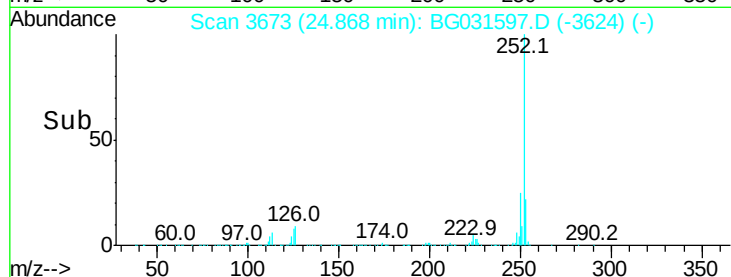
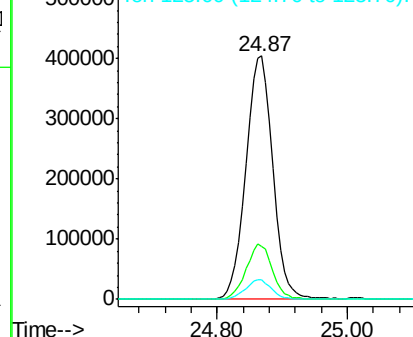
252 100

253 21.9 18.3 27.5

125 7.9 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.345 ng

RT: 28.83 min Scan# 4348

Delta R.T. -0.03 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

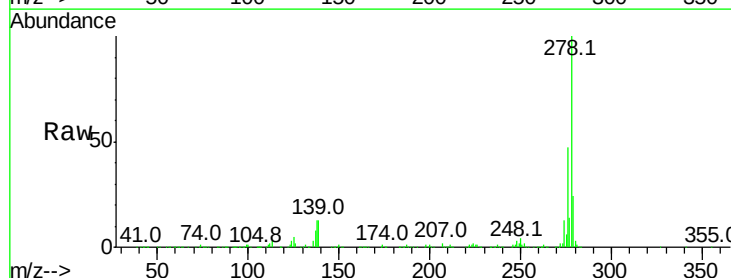
Tgt Ion:278 Resp: 1021825

Ion Ratio Lower Upper

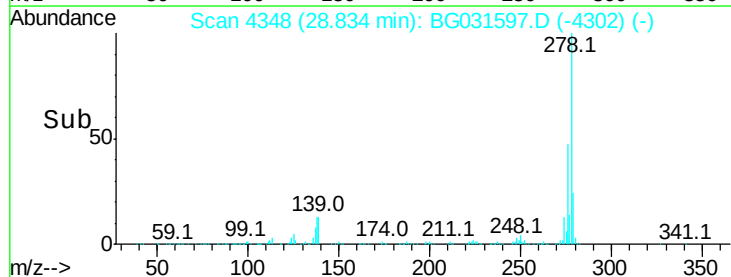
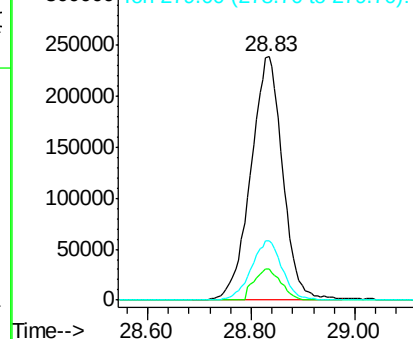
278 100

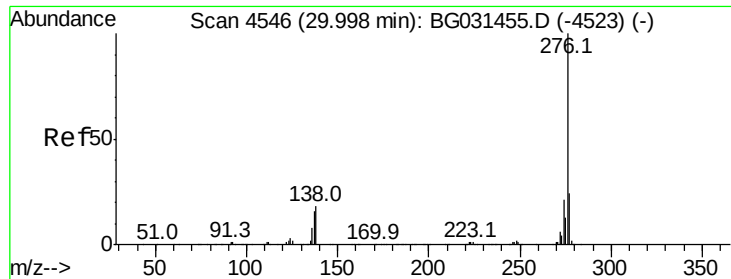
139 12.8 9.8 14.6

279 24.3 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.249 ng

RT: 29.96 min Scan# 4540

Delta R.T. -0.04 min

Lab File: BG031597.D

Acq: 15 Dec 2017 20:51

Instrument :

BNA_G

ClientSampleId :

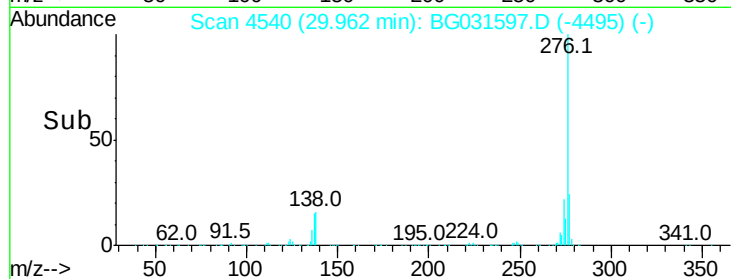
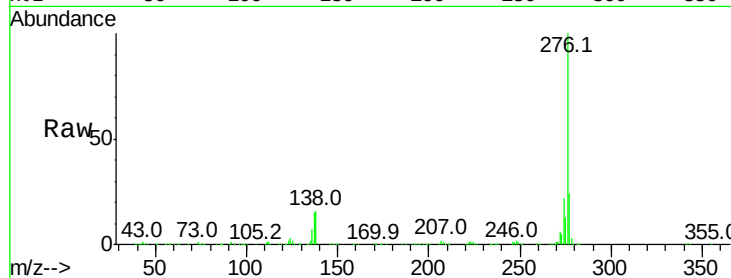
Tot Ion:276 Resp: 1027666

Ion Ratio Lower Upper

276 100

277 23.9 18.3 27.5

138 15.9 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

