

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
 Data File : BG031594.D
 Acq On : 15 Dec 2017 18:58
 Operator : SJ/JU
 Sample : PB105059BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

Quant Time: Dec 15 23:01:22 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	61214	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	266526	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	183213	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	473410	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	546391	20.00	ng	0.00
86) Perylene-d12	25.02	264	478336	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	476297	137.92	ng	-0.01
7) Phenol-d6	7.27	99	615156	128.31	ng	0.00
23) Nitrobenzene-d5	9.27	82	356313	82.40	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	291323	135.73	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1023454	82.00	ng	0.00
78) Terphenyl-d14	20.06	244	1874117	78.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	48748	29.584	ng	# 82
3) Pyridine	3.90	79	147120	33.910	ng	88
4) n-Nitrosodimethylamine	3.82	42	62978	30.818	ng	# 91
6) Aniline	7.42	93	67399	10.675	ng	94
8) 2-Chlorophenol	7.67	128	153421	39.827	ng	88
9) Benzaldehyde	7.24	77	82449	29.669	ng	90
10) Phenol	7.30	94	192421	39.070	ng	92
11) bis(2-Chloroethyl)ether	7.51	93	131761	32.779	ng	90
12) 1,3-Dichlorobenzene	7.98	146	160151	34.960	ng	97
13) 1,4-Dichlorobenzene	8.13	146	163311	34.302	ng	93
14) 1,2-Dichlorobenzene	8.45	146	156752	34.563	ng	99
15) Benzyl Alcohol	8.34	79	121886	32.500	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.61	45	192792	42.692	ng	93
17) 2-Methylphenol	8.55	107	131973	39.310	ng	98
18) Hexachloroethane	9.18	117	55682	34.696	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	106509	28.225	ng	# 95
20) 3+4-Methylphenols	8.88	107	179198	35.831	ng	95
22) Acetophenone	8.92	105	223083	34.890	ng	# 92
24) Nitrobenzene	9.31	77	159403	35.974	ng	92
25) Isophorone	9.83	82	291689	35.694	ng	# 93
26) 2-Nitrophenol	10.03	139	89006	40.622	ng	# 87
27) 2,4-Dimethylphenol	10.08	122	150161	45.115	ng	92
28) bis(2-Chloroethoxy)methane	10.30	93	190632	36.133	ng	95
29) 2,4-Dichlorophenol	10.57	162	168481	42.964	ng	93
30) 1,2,4-Trichlorobenzene	10.77	180	180593	36.053	ng	98
31) Naphthalene	10.96	128	450782	34.427	ng	98
32) Benzoic acid	10.24	122	38288	26.169	ng	# 80
33) 4-Chloroaniline	11.09	127	29321	5.157	ng	93
34) Hexachlorobutadiene	11.24	225	115771	34.843	ng	96
35) Caprolactam	11.85	113	62587	40.645	ng	# 76
36) 4-Chloro-3-methylphenol	12.20	107	169258	37.813	ng	# 85
37) 2-Methylnaphthalene	12.56	142	354428	34.960	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	237175	33.123	ng	97
40) Hexachlorocyclopentadiene	12.90	237	137979	62.930	ng	89

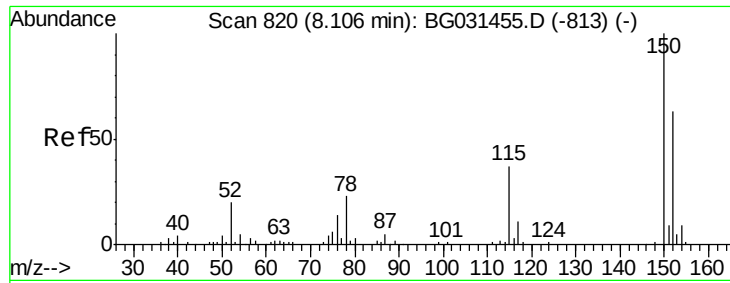
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121517\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.17	196	146849	40.141	ng	97
43) 2,4,5-Trichlorophenol	13.26	196	160289	40.674	ng	# 93
45) 1,1'-Biphenyl	13.56	154	502284	33.379	ng	97
46) 2-Chloronaphthalene	13.61	162	388795	35.300	ng	95
47) 2-Nitroaniline	13.81	65	105473	34.079	ng	# 84
48) Acenaphthylene	14.45	152	592725	33.446	ng	99
49) Dimethylphthalate	14.17	163	530336	34.964	ng	100
50) 2,6-Dinitrotoluene	14.30	165	120907	37.293	ng	# 78
51) Acenaphthene	14.79	154	364141	32.496	ng	98
52) 3-Nitroaniline	14.65	138	17067	5.164	ng	# 73
53) 2,4-Dinitrophenol	14.86	184	76408	59.136	ng	# 51
54) Dibenzofuran	15.12	168	616537	34.479	ng	99
55) 4-Nitrophenol	14.96	139	171586	76.975	ng	# 80
56) 2,4-Dinitrotoluene	15.10	165	175053	38.015	ng	# 72
57) Fluorene	15.77	166	496936	34.683	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.36	232	159885	43.164	ng	# 88
59) Diethylphthalate	15.53	149	523650	34.442	ng	98
60) 4-Chlorophenyl-phenylether	15.76	204	293101	33.436	ng	91
61) 4-Nitroaniline	15.80	138	109900	31.687	ng	84
62) Azobenzene	16.05	77	413105	32.800	ng	91
64) 4,6-Dinitro-2-methylphenol	15.87	198	85291	31.630	ng	75
65) n-Nitrosodiphenylamine	15.97	169	449638	32.449	ng	99
66) 4-Bromophenyl-phenylether	16.65	248	195316	35.480	ng	96
67) Hexachlorobenzene	16.78	284	200280	35.233	ng	95
68) Atrazine	16.91	200	174602	34.461	ng	97
69) Pentachlorophenol	17.12	266	151262	57.101	ng	98
70) Phenanthrene	17.51	178	862935	34.902	ng	98
71) Anthracene	17.60	178	883788	36.143	ng	98
72) Carbazole	17.87	167	805250	36.390	ng	99
73) Di-n-butylphthalate	18.41	149	925179	36.204	ng	99
74) Fluoranthene	19.52	202	1145903	37.034	ng	97
76) Benzidine	19.69	184	210485	16.553	ng	98
77) Pyrene	19.87	202	1191214	35.087	ng	97
79) Butylbenzylphthalate	20.74	149	453800	38.102	ng	# 84
80) Benzo(a)anthracene	21.72	228	1179712	35.771	ng	99
81) 3,3'-Dichlorobenzidine	21.63	252	184679	16.090	ng	98
82) Chrysene	21.79	228	1115944	35.297	ng	98
83) Bis(2-ethylhexyl)phthalate	21.60	149	620618	36.219	ng	100
84) Di-n-octyl phthalate	22.81	149	991931	35.094	ng	# 94
85) Indeno(1,2,3-cd)pyrene	28.80	276	1057903	31.310	ng	98
87) Benzo(b)fluoranthene	23.98	252	1056945	36.959	ng	98
88) Benzo(k)fluoranthene	24.05	252	1045655	35.830	ng	98
89) Benzo(a)pyrene	24.87	252	1011377	37.281	ng	97
90) Dibenzo(a,h)anthracene	28.84	278	891215	34.354	ng	98
91) Benzo(g,h,i)perylene	29.97	276	865638	33.941	ng	96

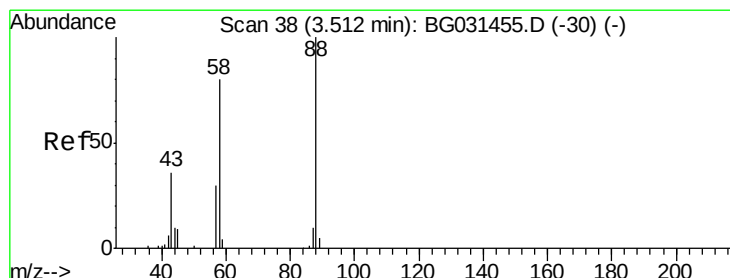
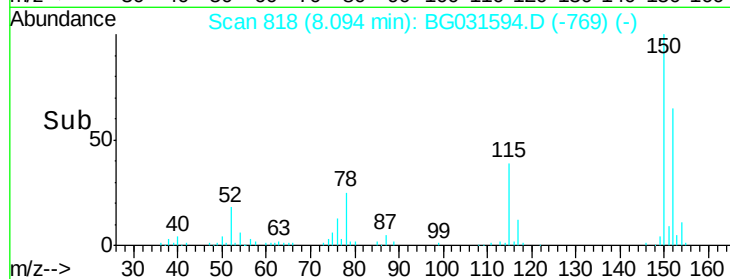
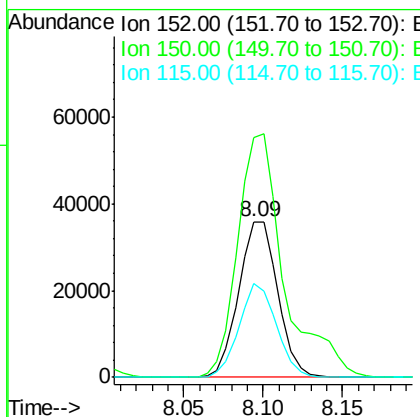
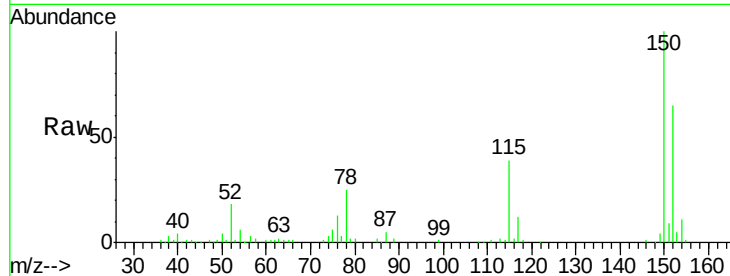
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

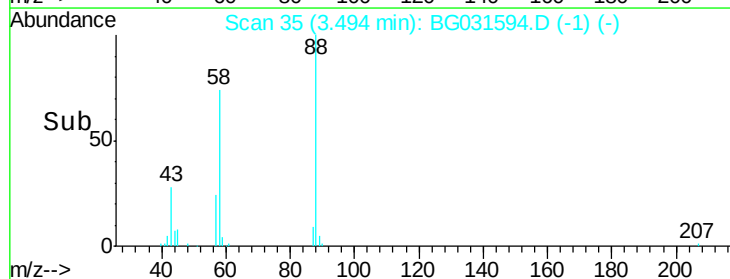
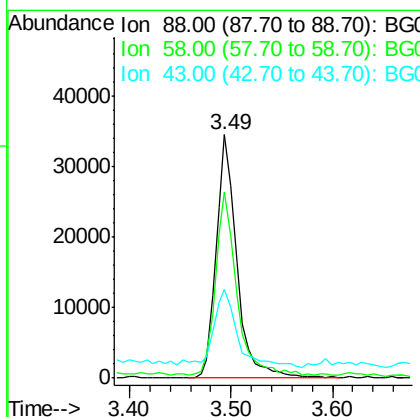
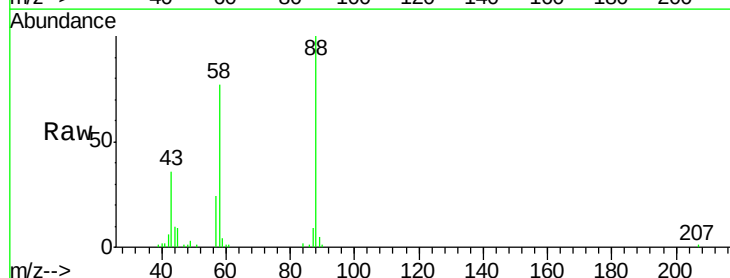
Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

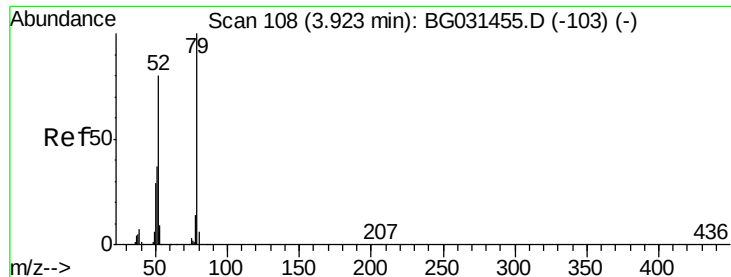
Tgt Ion:152 Resp: 61214
 Ion Ratio Lower Upper
 152 100
 150 154.3 126.6 189.8
 115 60.3 53.0 79.4



#2
 1,4-Dioxane
 Concen: 29.584 ng
 RT: 3.49 min Scan# 35
 Delta R.T. -0.02 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion: 88 Resp: 48748
 Ion Ratio Lower Upper
 88 100
 58 76.3 79.6 119.4#
 43 34.9 27.4 41.0





#3

Pyridine

Concen: 33.910 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

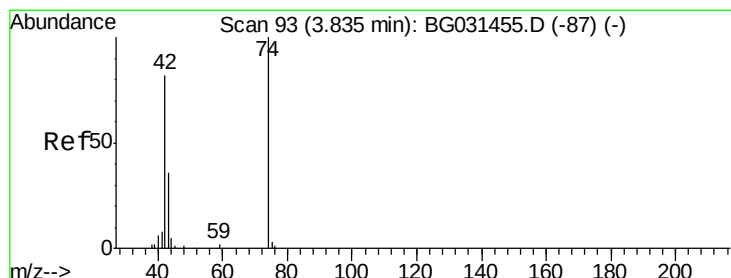
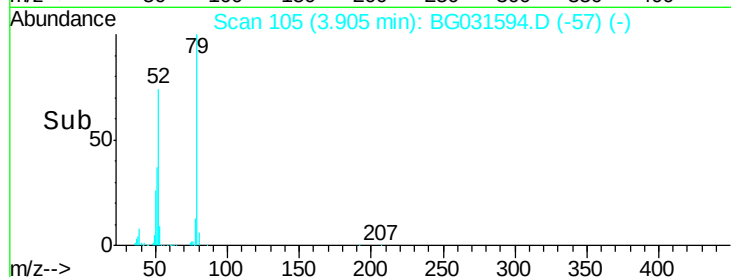
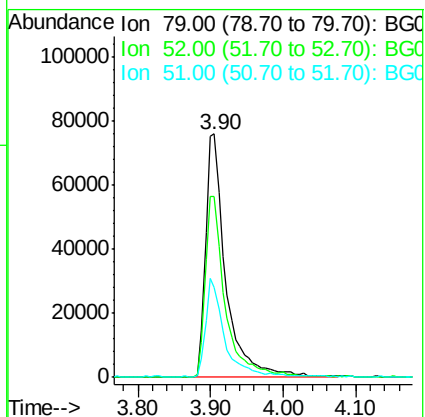
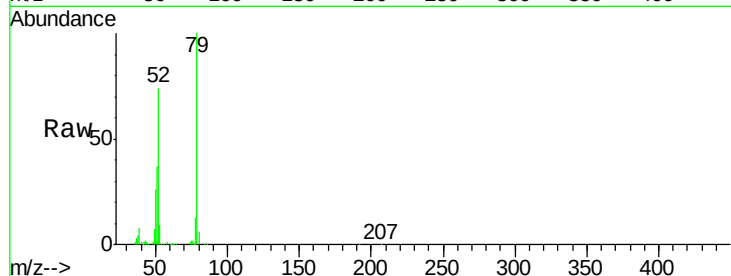
Tgt Ion: 79 Resp: 147120

Ion Ratio Lower Upper

79 100

52 74.5 69.9 104.9

51 37.1 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 30.818 ng

RT: 3.82 min Scan# 90

Delta R.T. -0.02 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

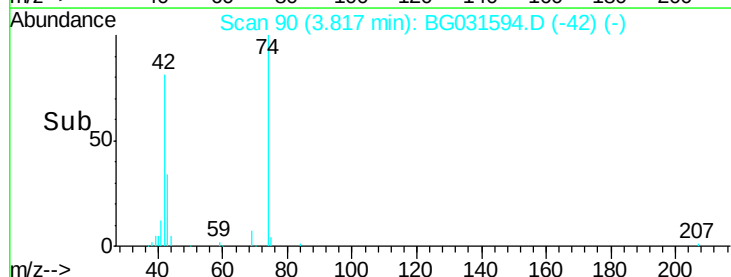
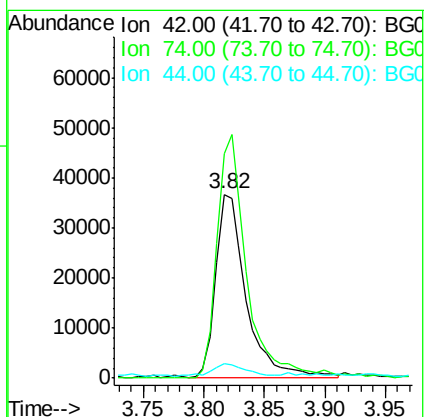
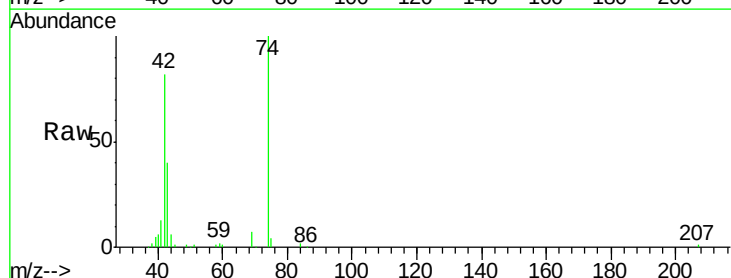
Tgt Ion: 42 Resp: 62978

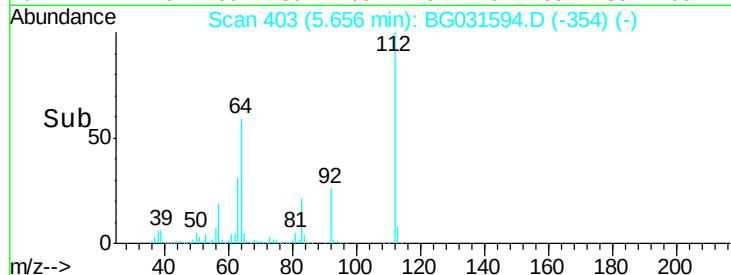
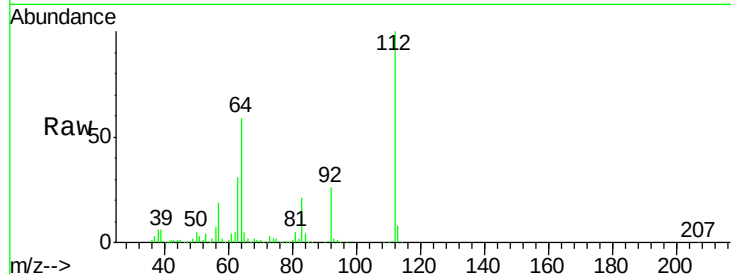
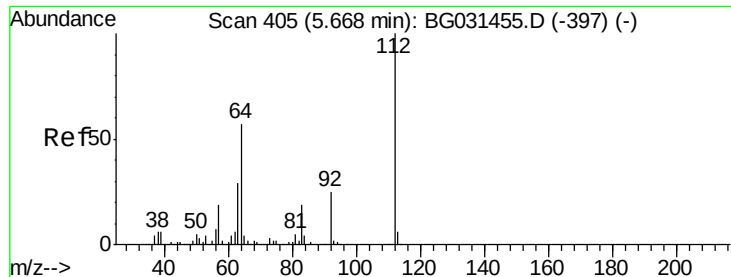
Ion Ratio Lower Upper

42 100

74 122.2 102.5 153.7

44 7.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 137.917 ng

RT: 5.66 min Scan# 403

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

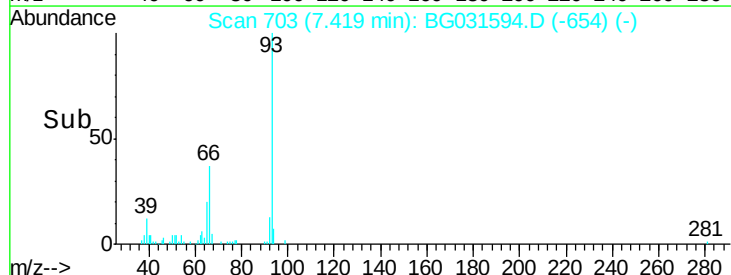
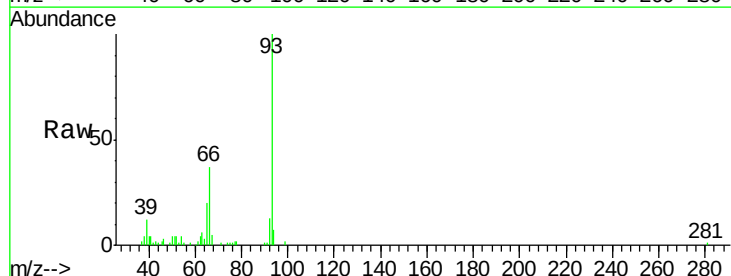
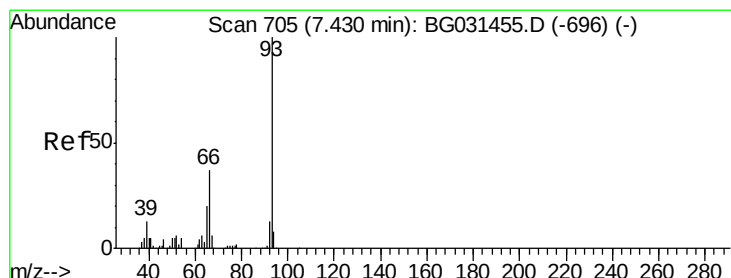
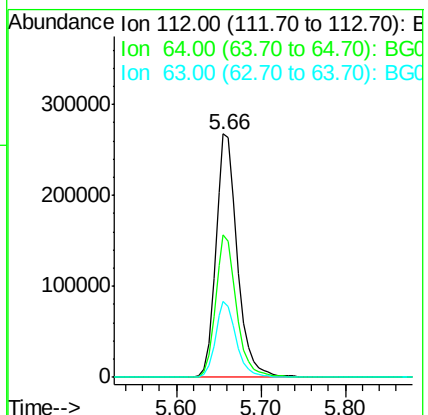
Tgt Ion:112 Resp: 476297

Ion Ratio Lower Upper

112 100

64 58.7 56.3 84.5

63 31.4 30.1 45.1



#6

Aniline

Concen: 10.675 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

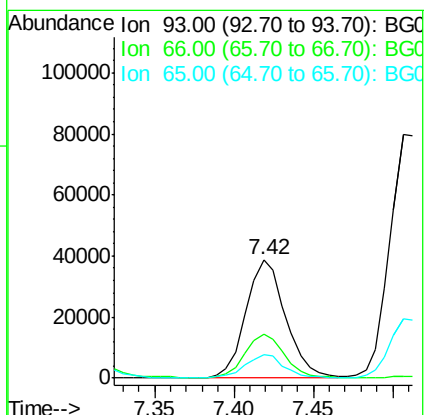
Tgt Ion: 93 Resp: 67399

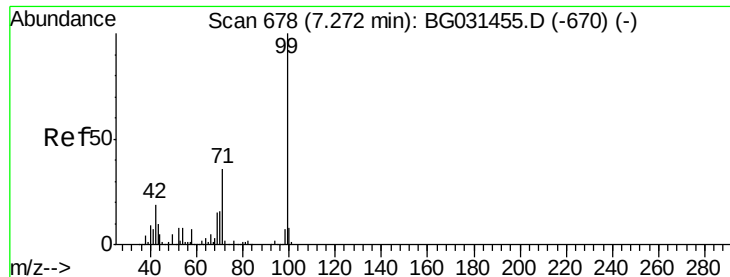
Ion Ratio Lower Upper

93 100

66 37.0 33.7 50.5

65 19.8 16.1 24.1





#7

Phenol-d6

Concen: 128.311 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

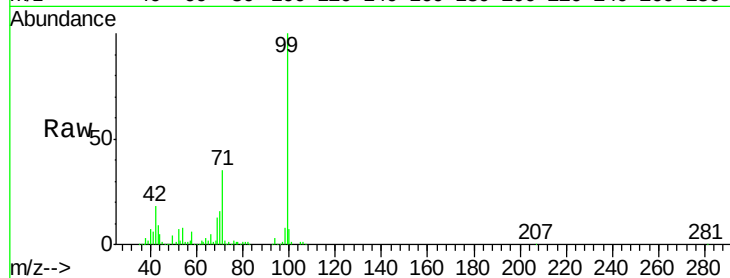
Tgt Ion: 99 Resp: 615156

Ion Ratio Lower Upper

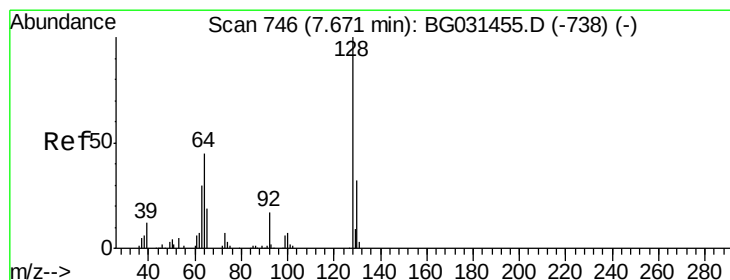
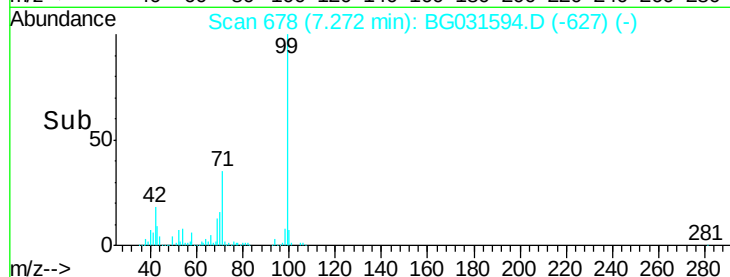
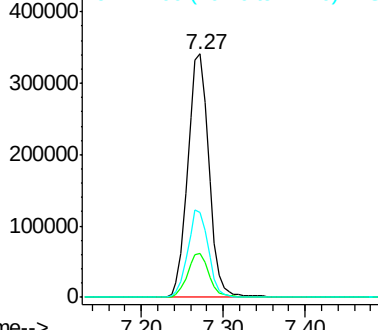
99 100

42 18.1 14.1 21.1

71 35.0 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: 39.827 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

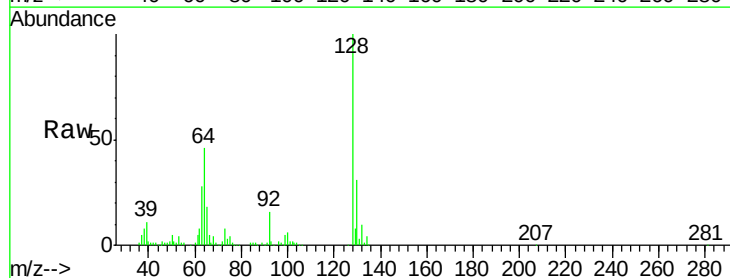
Tgt Ion: 128 Resp: 153421

Ion Ratio Lower Upper

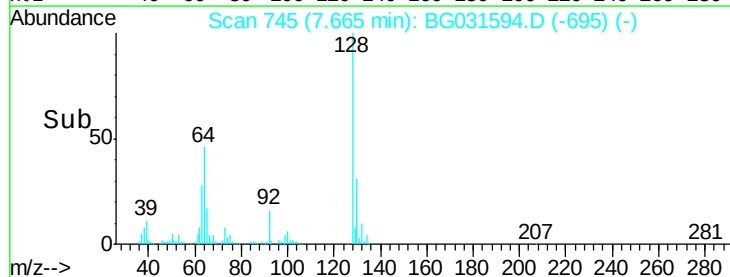
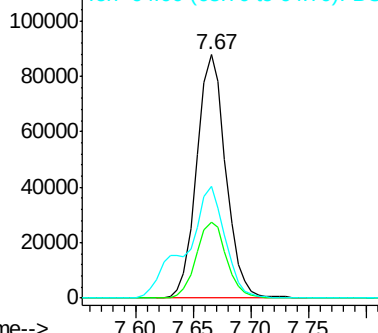
128 100

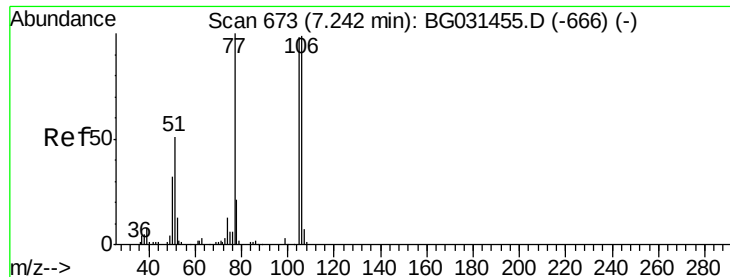
130 31.3 14.0 54.0

64 45.8 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: 29.669 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

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ClientSampleId :

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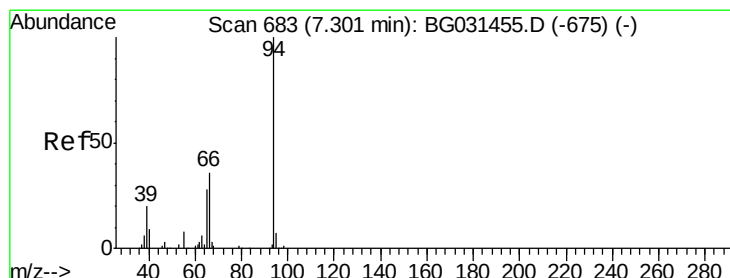
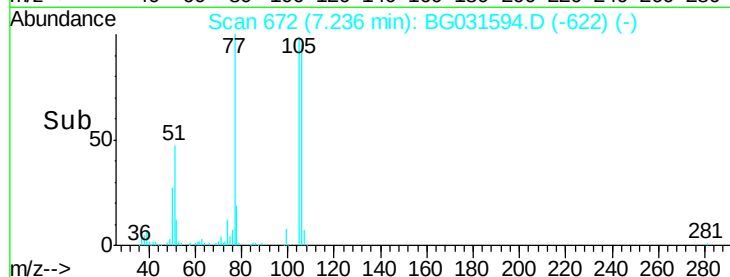
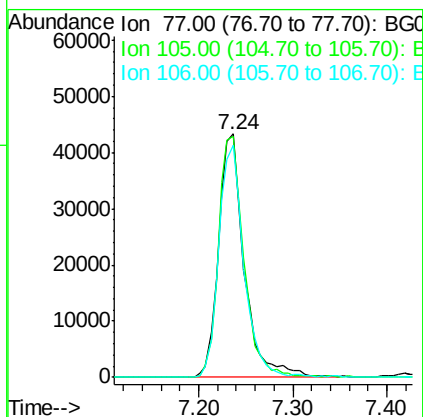
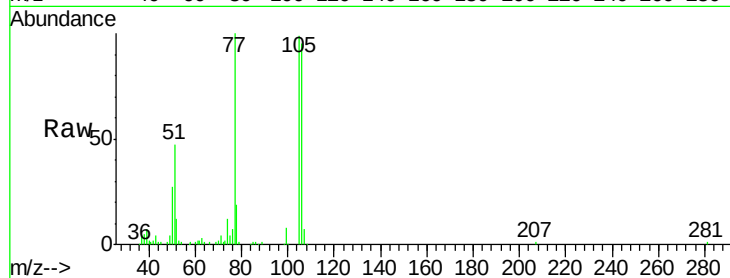
Tgt Ion: 77 Resp: 82449

Ion Ratio Lower Upper

77 100

105 99.2 71.3 111.3

106 95.4 64.2 104.2



#10

Phenol

Concen: 39.070 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

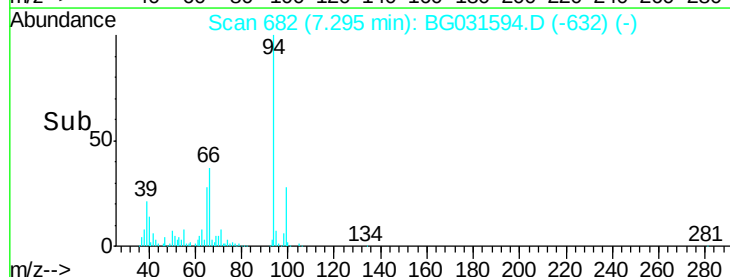
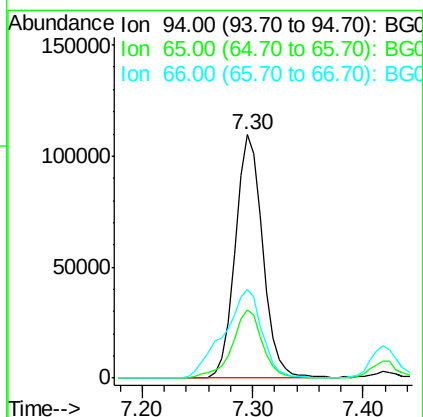
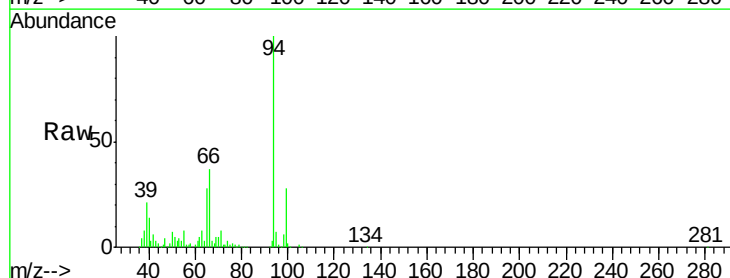
Tgt Ion: 94 Resp: 192421

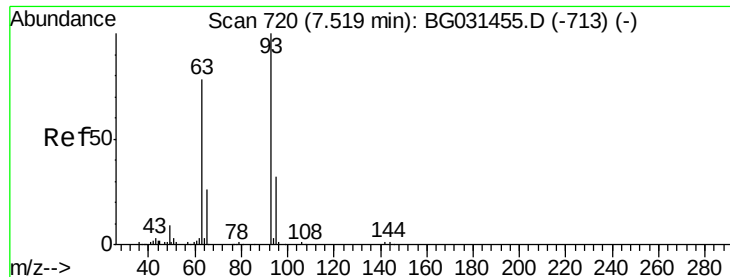
Ion Ratio Lower Upper

94 100

65 28.2 11.9 51.9

66 36.7 22.2 62.2

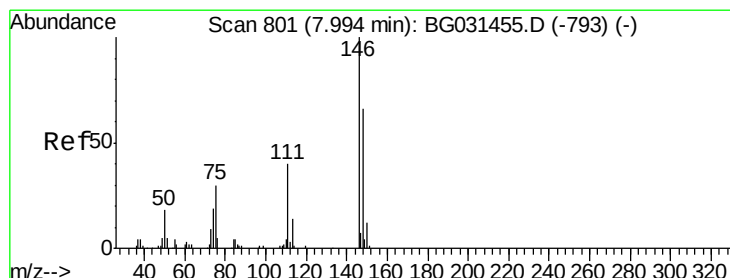
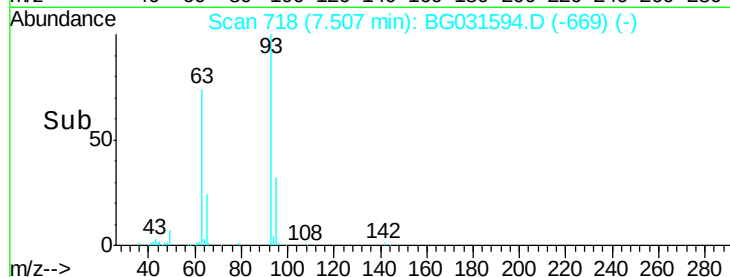
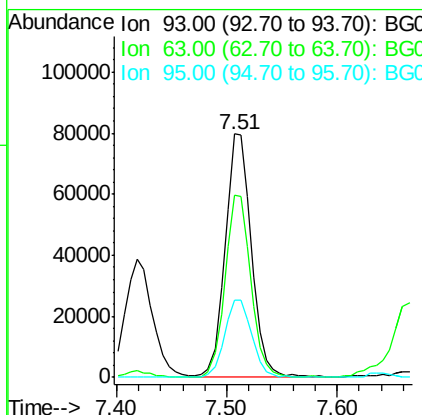
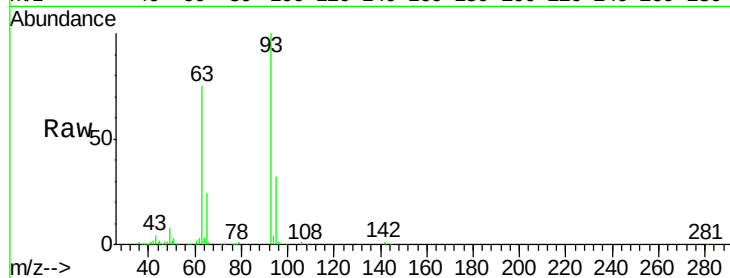




#11
bis(2-Chloroethyl)ether
Concen: 32.779 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

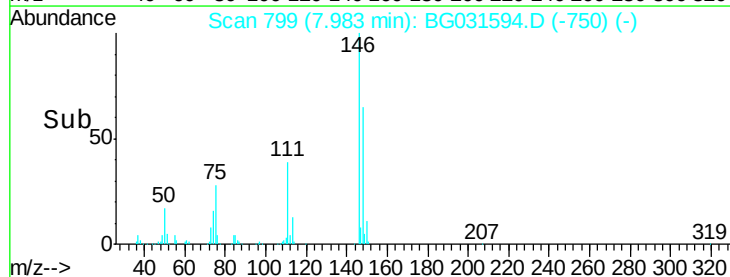
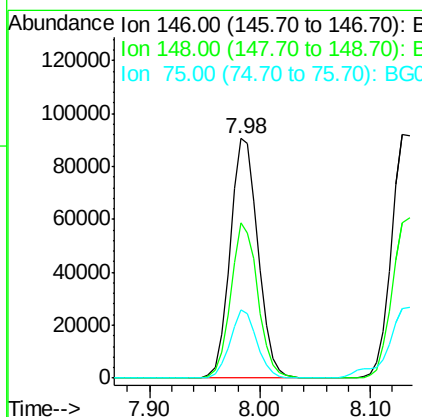
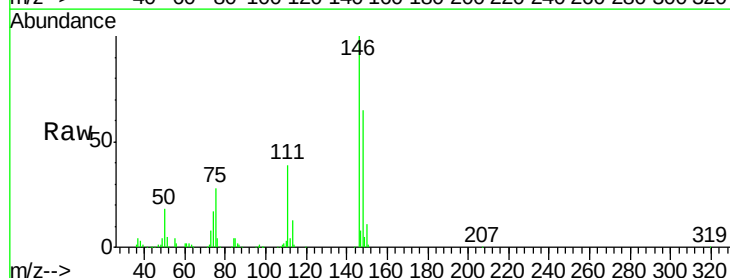
Instrument :
BNA_G
ClientSampleId :
PB105059BS

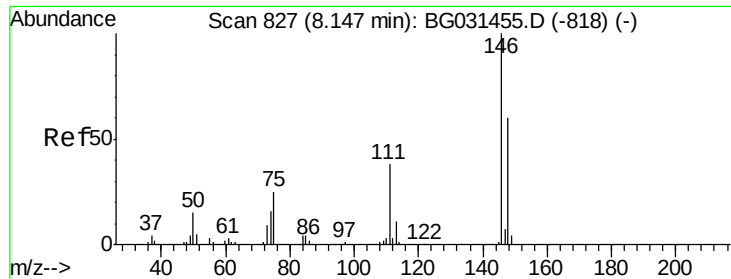
Tgt Ion: 93 Resp: 131761
Ion Ratio Lower Upper
93 100
63 75.1 67.1 107.1
95 31.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 34.960 ng
RT: 7.98 min Scan# 799
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion: 146 Resp: 160151
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 28.4 26.6 39.8

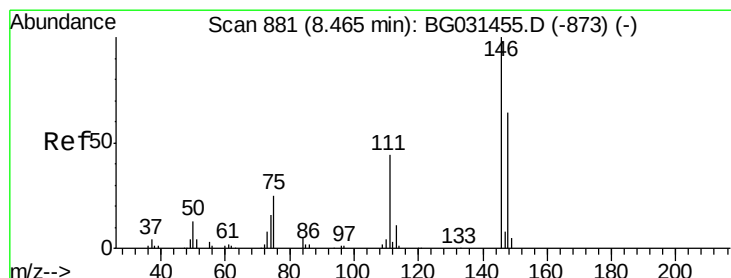
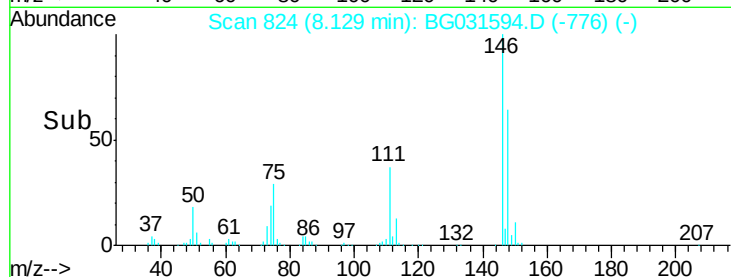
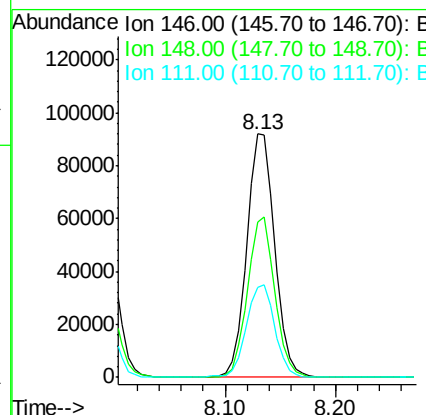
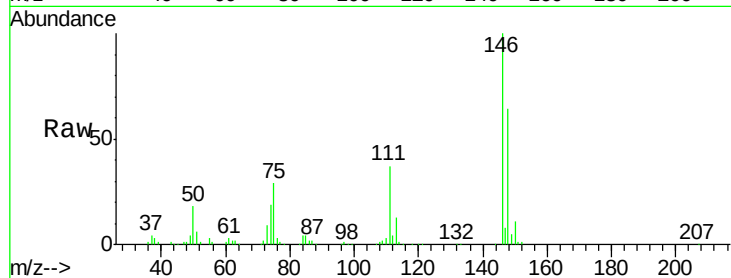




#13
 1,4-Dichlorobenzene
 Concen: 34.302 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

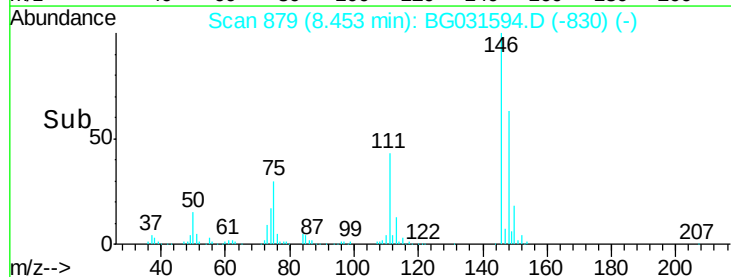
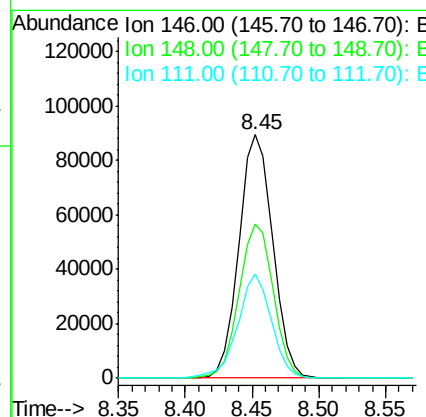
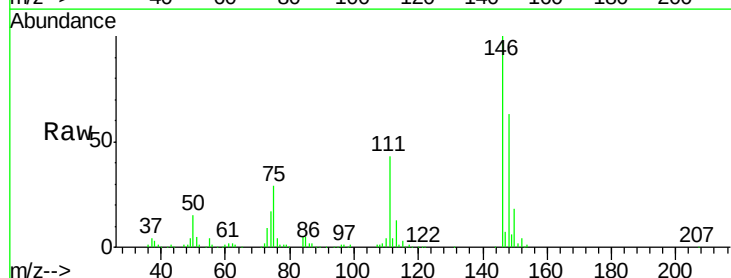
Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

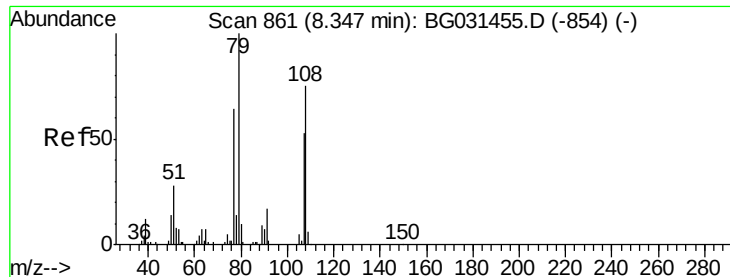
Tgt Ion:146 Resp: 163311
 Ion Ratio Lower Upper
 146 100
 148 64.0 53.7 80.5
 111 37.2 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 34.563 ng
 RT: 8.45 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion:146 Resp: 156752
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.3 73.9
 111 42.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 32.500 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

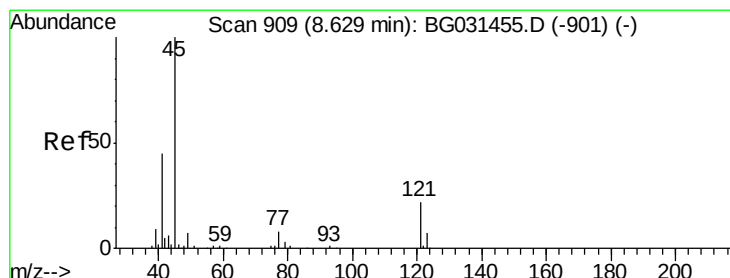
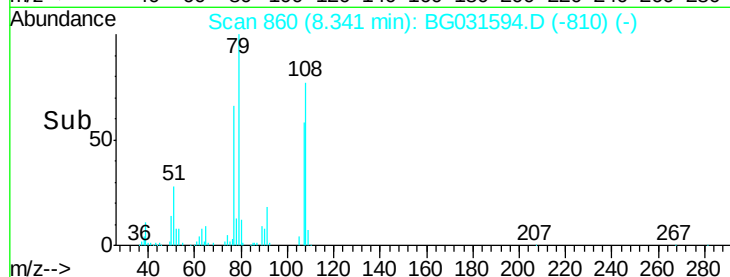
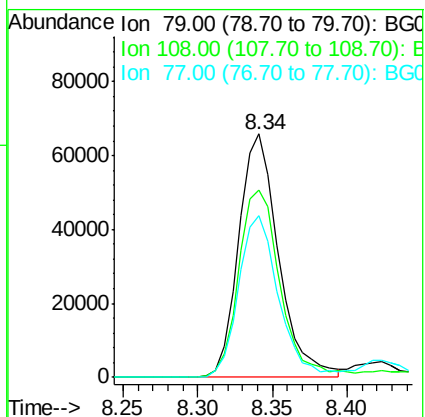
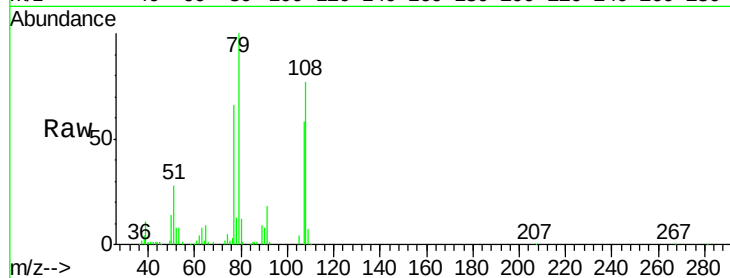
Tgt Ion: 79 Resp: 121886

Ion Ratio Lower Upper

79 100

108 76.9 57.2 85.8

77 66.5 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.692 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

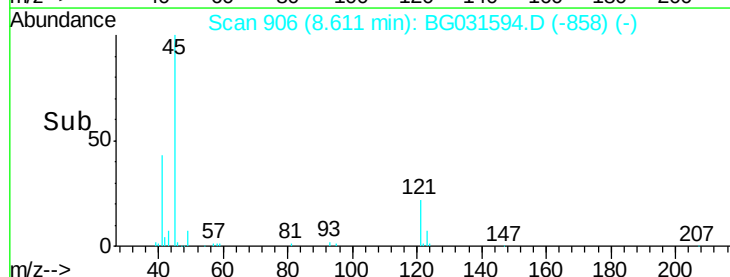
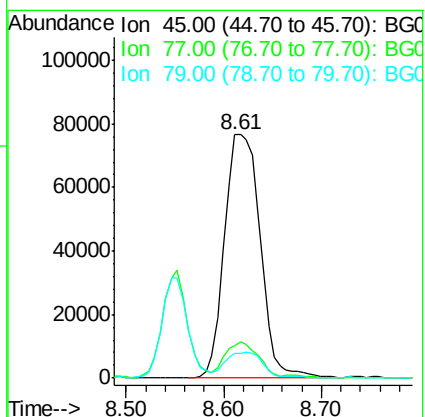
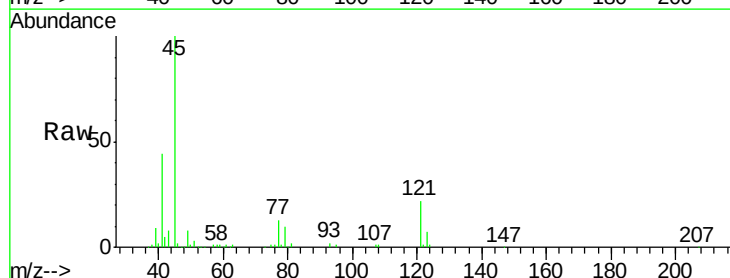
Tgt Ion: 45 Resp: 192792

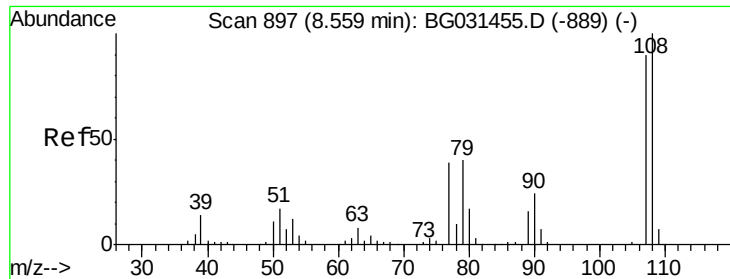
Ion Ratio Lower Upper

45 100

77 13.3 0.0 30.2

79 10.1 0.0 27.9

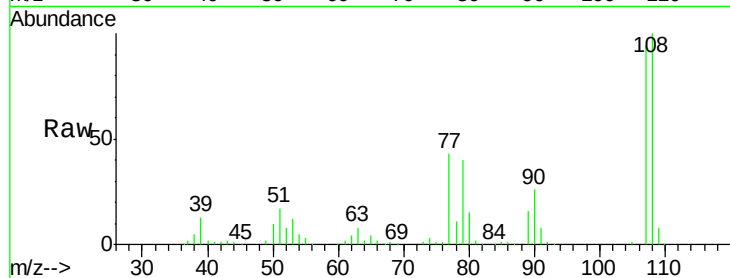




#17
2-Methylphenol
Concen: 39.310 ng
RT: 8.55 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Instrument :
BNA_G
ClientSampleId :
PB105059BS

Tgt Ion:	107	Resp:	131973
Ion	Ratio	Lower	Upper
107	100		
108	106.5	83.9	125.9
77	45.8	37.2	55.8
79	42.7	36.2	54.2



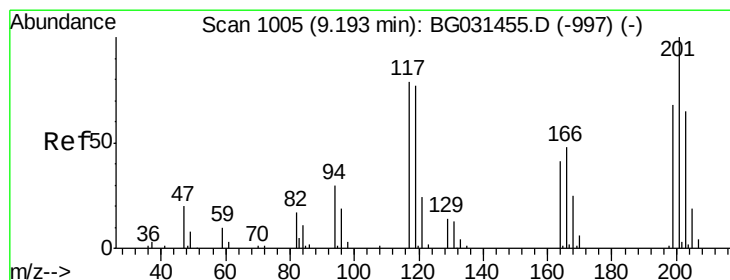
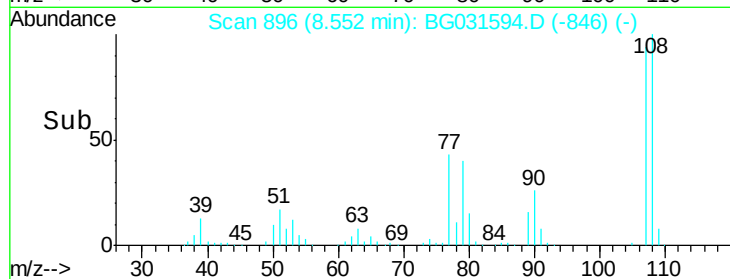
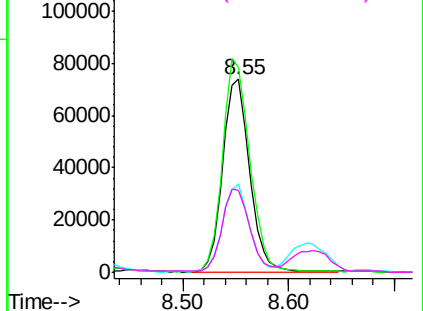
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

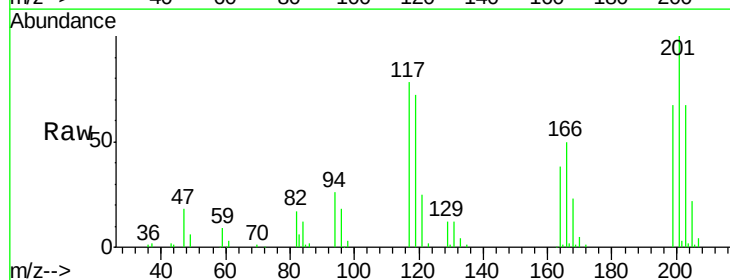
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 34.696 ng
RT: 9.18 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion:	117	Resp:	55682
Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.7	115.1
201	127.9	95.7	143.5

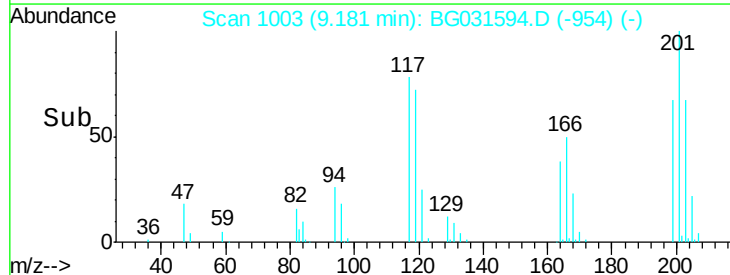
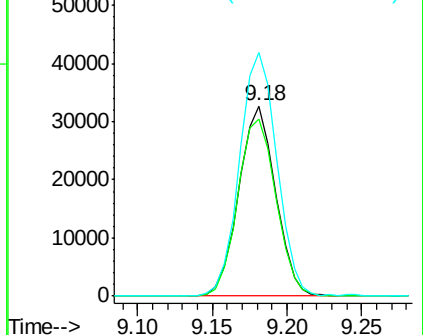


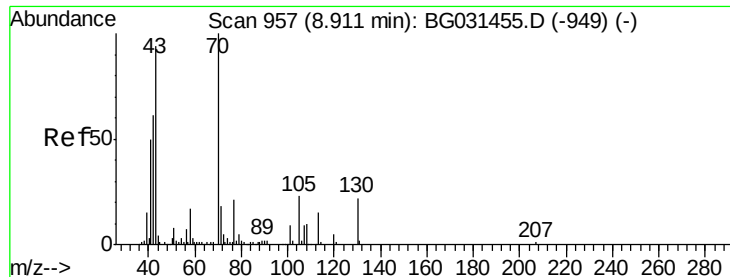
Abundance

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

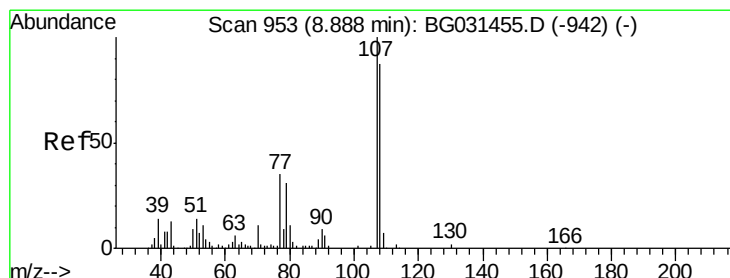
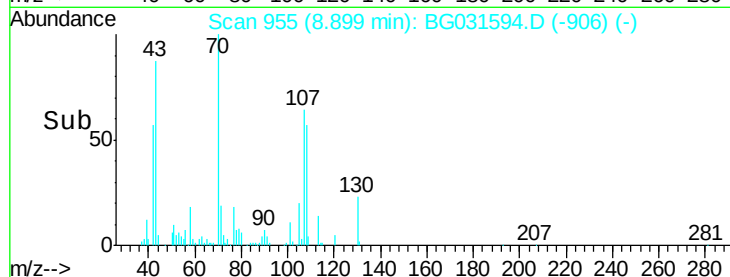
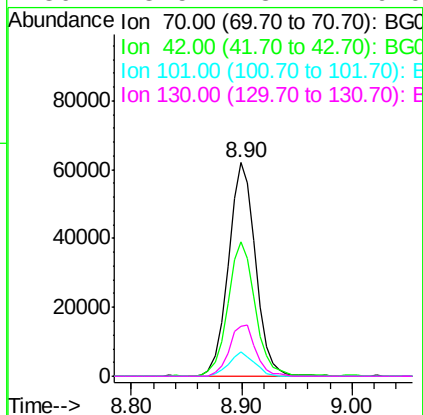
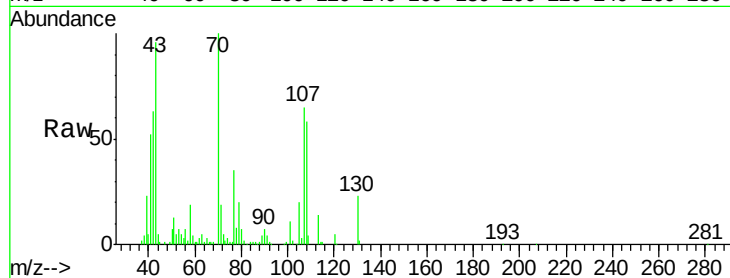




#19
n-Nitroso-di-n-propylamine
Concen: 28.225 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

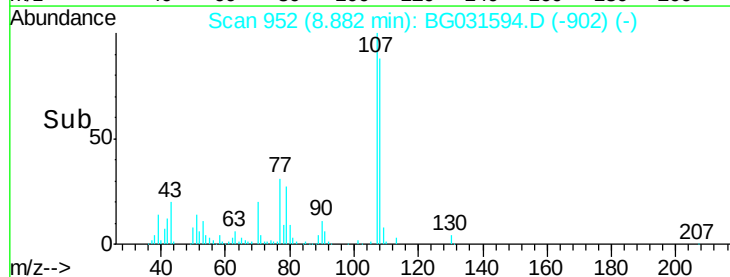
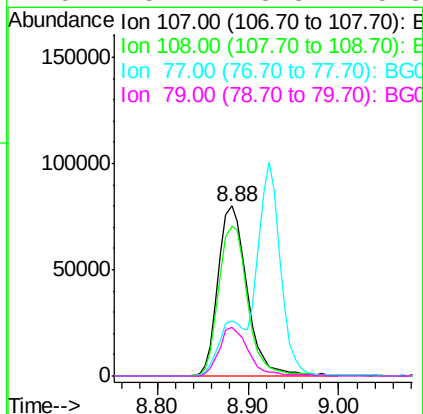
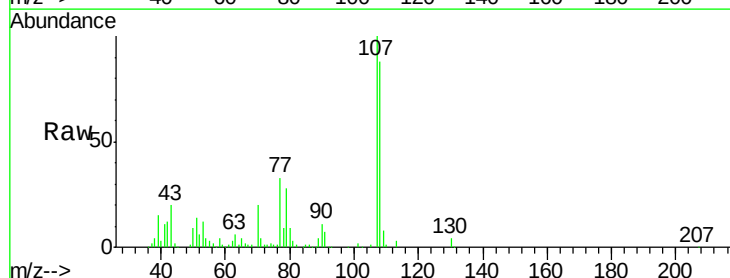
Instrument :
BNA_G
ClientSampleId :
PB105059BS

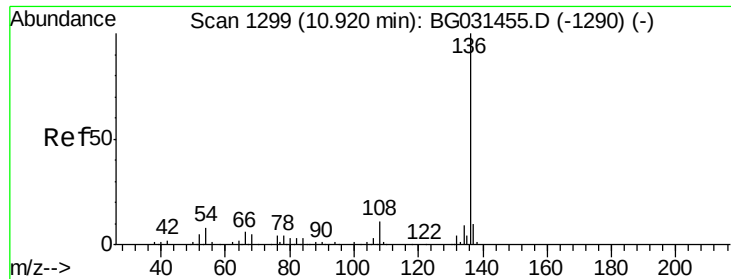
Tgt Ion: 70 Resp: 106509
Ion Ratio Lower Upper
70 100
42 63.2 49.1 73.7
101 11.5 8.5 12.7
130 23.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 35.831 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion: 107 Resp: 179198
Ion Ratio Lower Upper
107 100
108 88.0 61.6 101.6
77 32.7 13.9 53.9
79 28.4 8.8 48.8

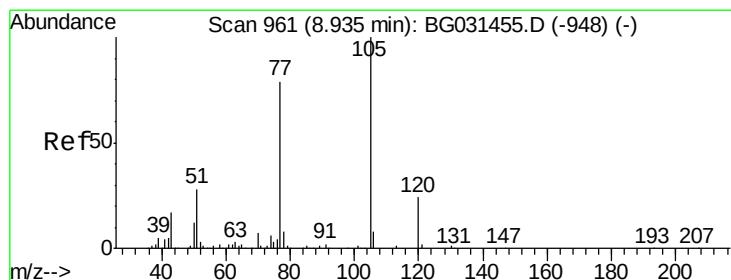
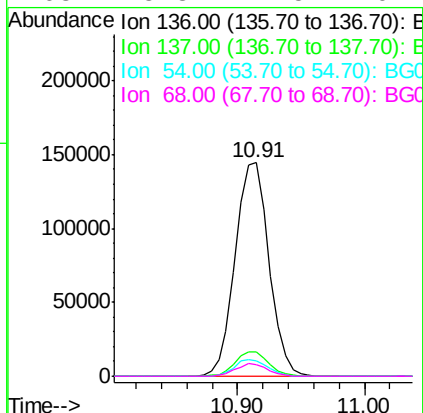
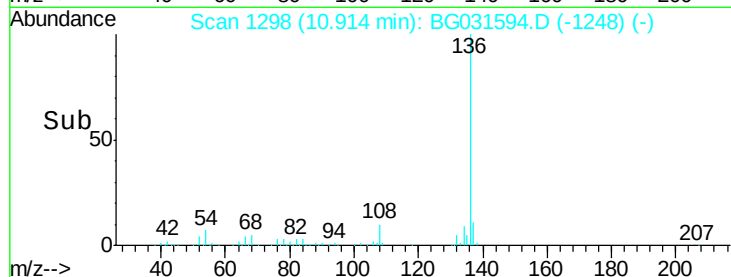
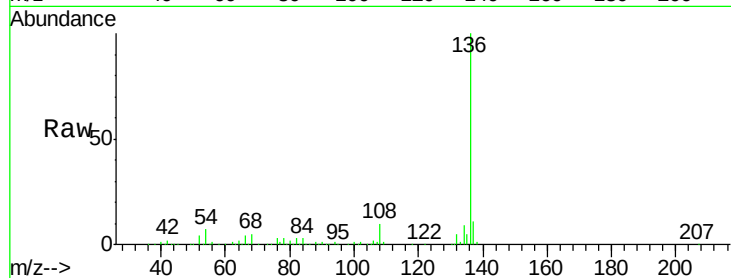




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

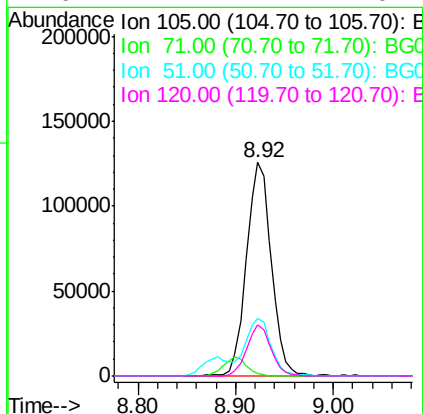
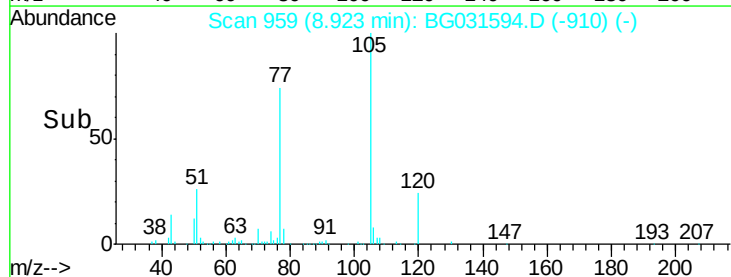
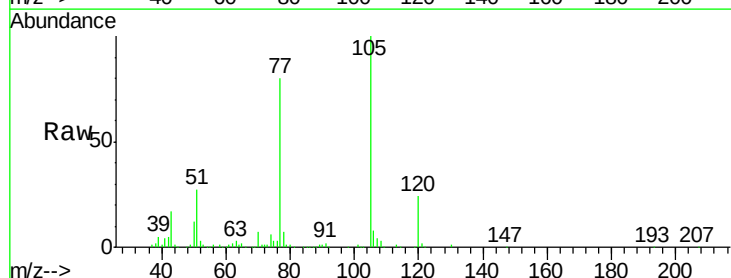
Instrument :
BNA_G
ClientSampleId :
PB105059BS

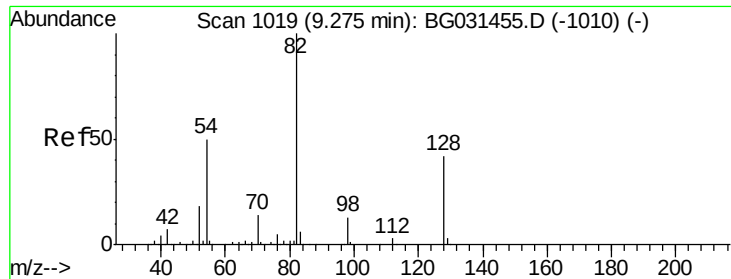
Tgt Ion:	136	Resp:	266526
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	7.4	10.3	15.5#
68	5.3	4.5	6.7



#22
Acetophenone
Concen: 34.890 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion:	105	Resp:	223083
Ion	Ratio	Lower	Upper
105	100		
71	1.3	3.0	4.4#
51	27.2	26.1	39.1
120	24.1	17.4	26.2

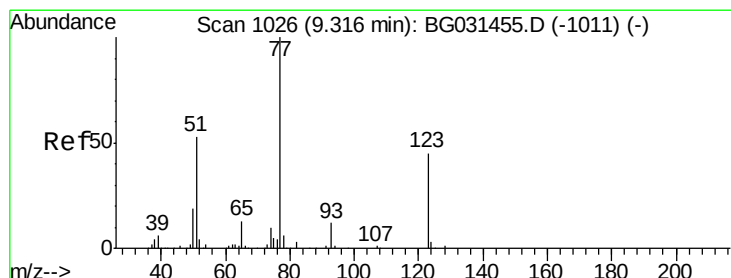
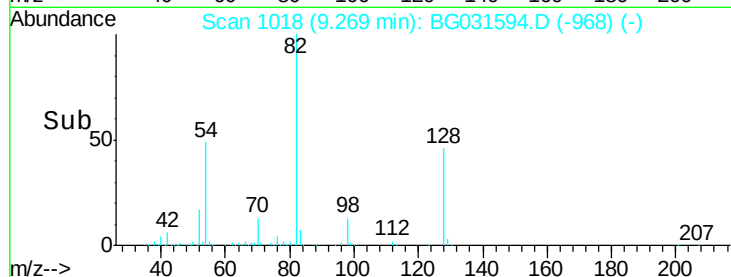
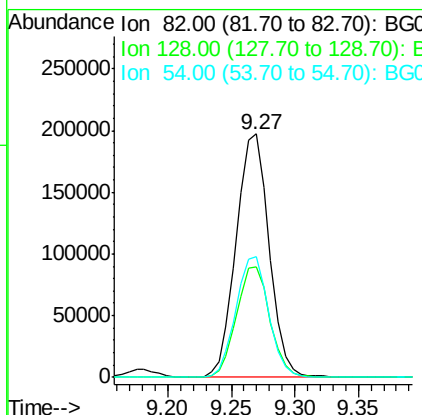
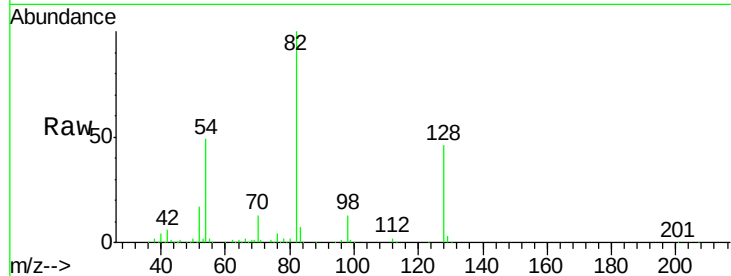




#23
Nitrobenzene-d5
Concen: 82.401 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

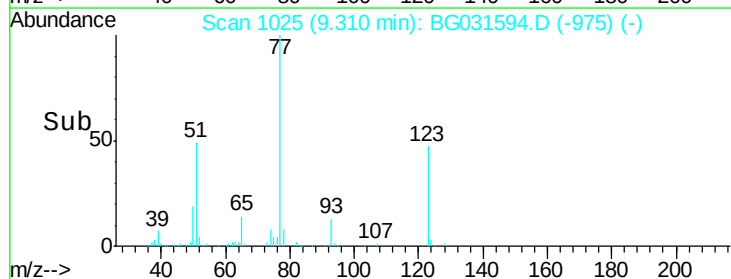
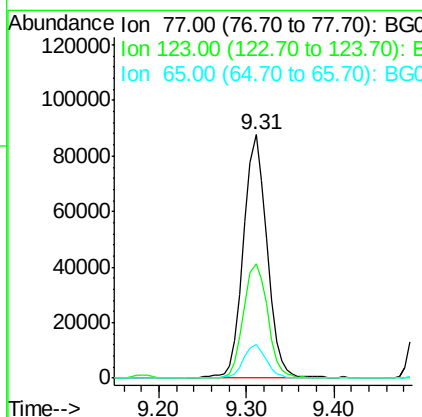
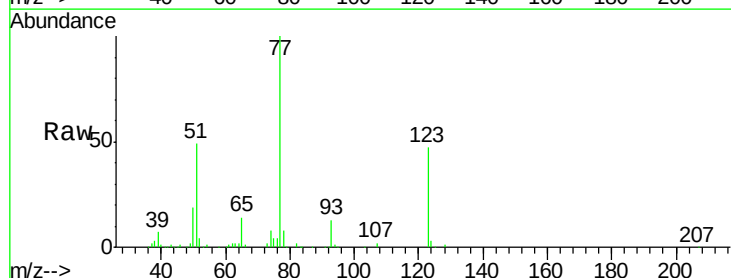
Instrument :
BNA_G
ClientSampleId :
PB105059BS

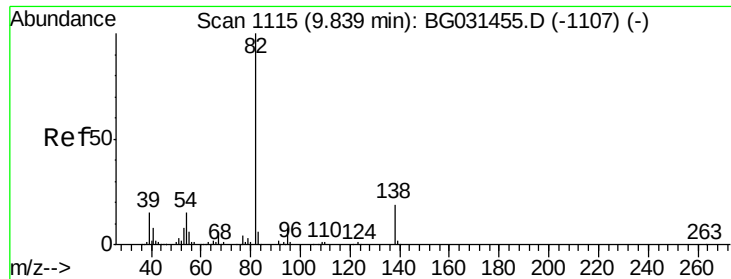
Tgt Ion: 82 Resp: 356313
Ion Ratio Lower Upper
82 100
128 45.6 29.7 44.5#
54 49.5 43.1 64.7



#24
Nitrobenzene
Concen: 35.974 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion: 77 Resp: 159403
Ion Ratio Lower Upper
77 100
123 47.1 33.0 49.6
65 13.7 13.0 19.6





#25

Isophorone

Concen: 35.694 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

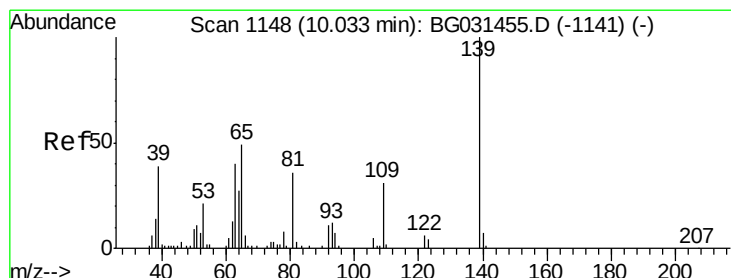
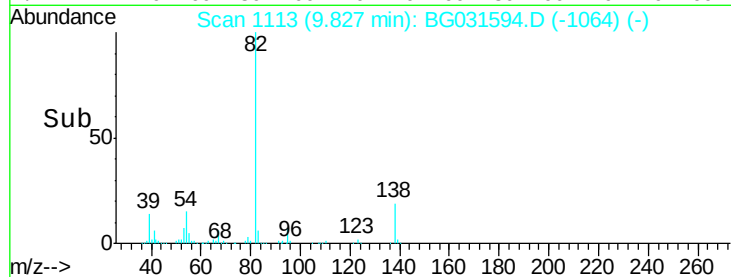
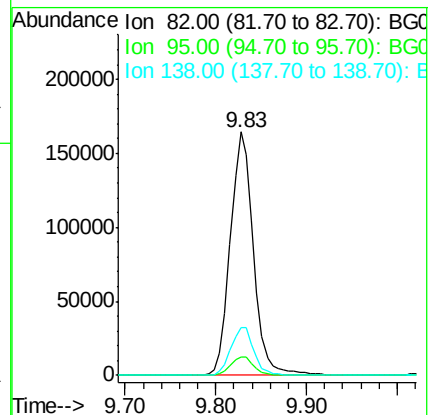
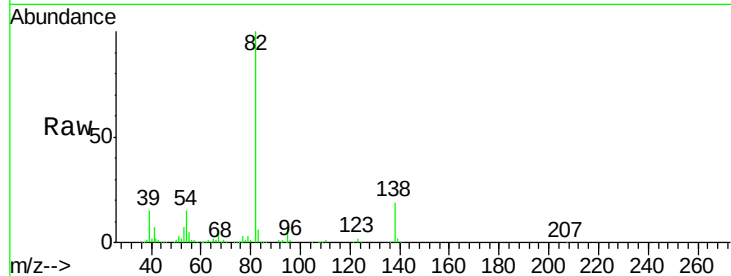
Tgt Ion: 82 Resp: 291689

Ion Ratio Lower Upper

82 100

95 7.5 6.2 9.2

138 19.4 12.1 18.1#



#26

2-Nitrophenol

Concen: 40.622 ng

RT: 10.03 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

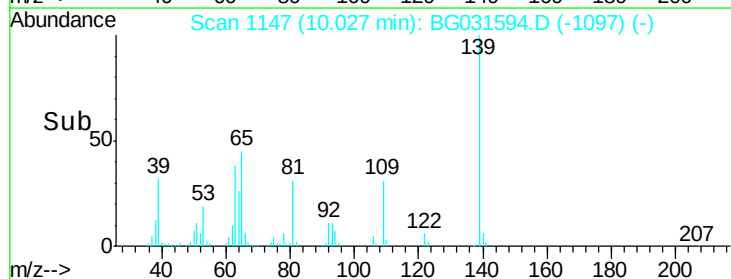
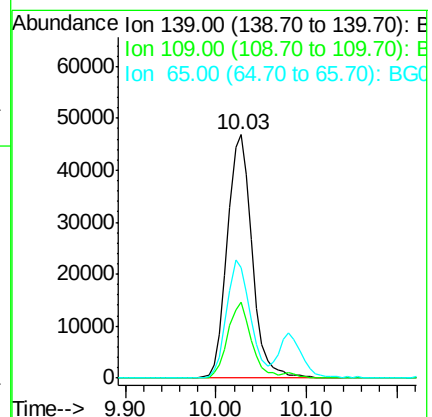
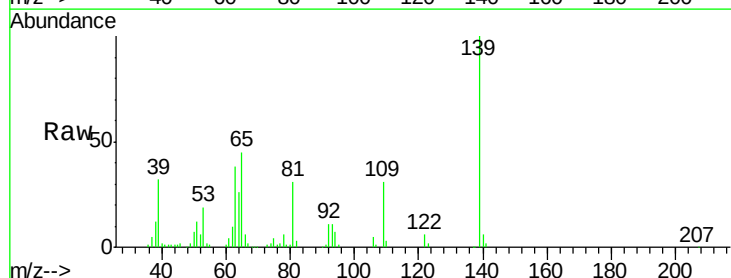
Tgt Ion: 139 Resp: 89006

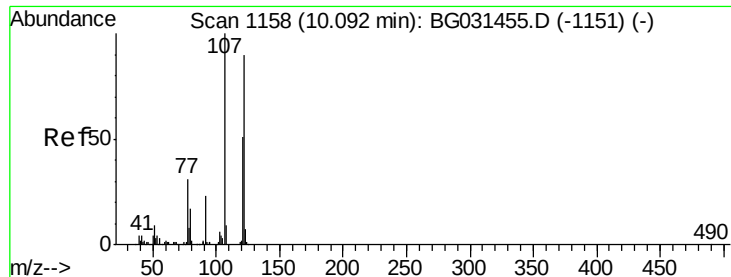
Ion Ratio Lower Upper

139 100

109 31.4 24.2 36.2

65 45.2 47.4 71.0#

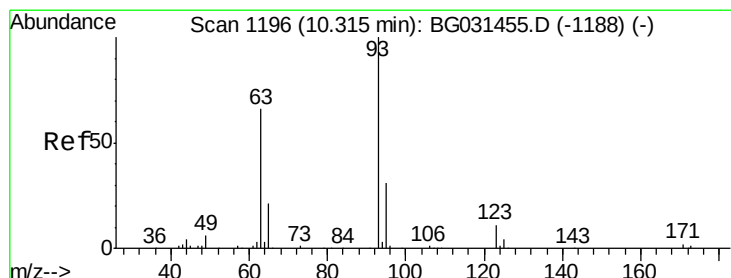
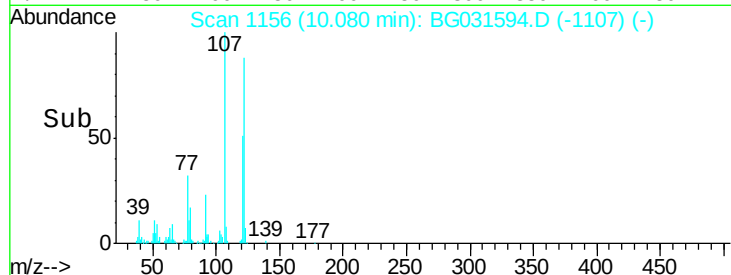
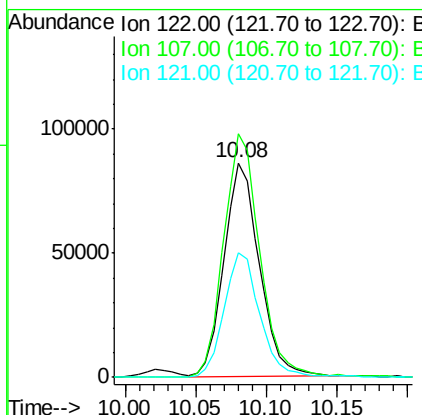
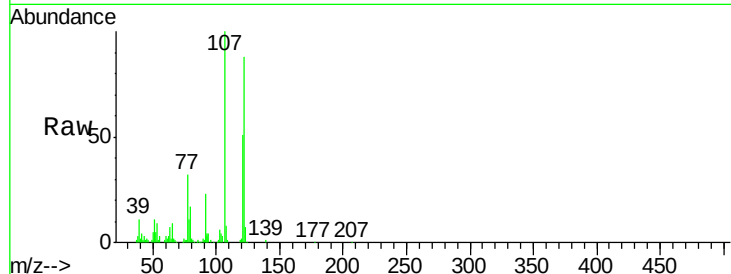




#27
 2,4-Dimethylphenol
 Concen: 45.115 ng
 RT: 10.08 min Scan# 1156
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

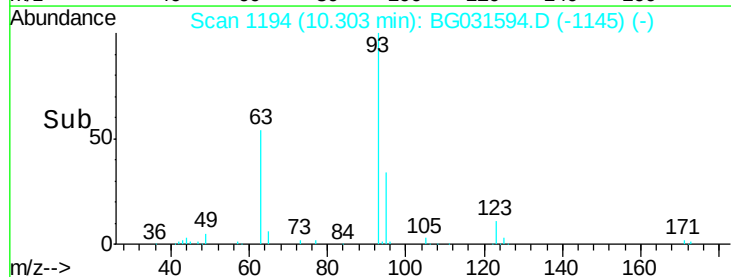
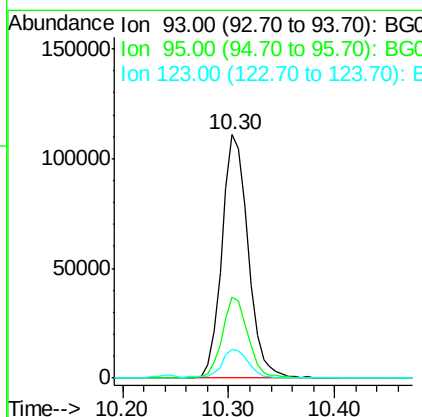
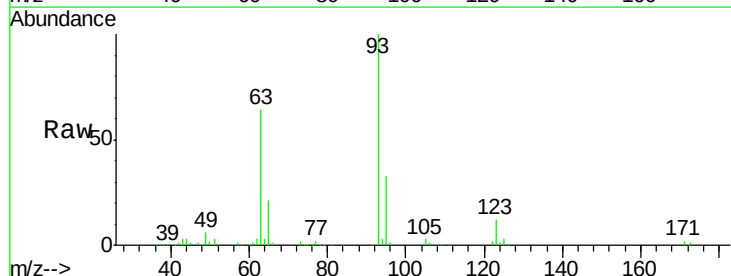
Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

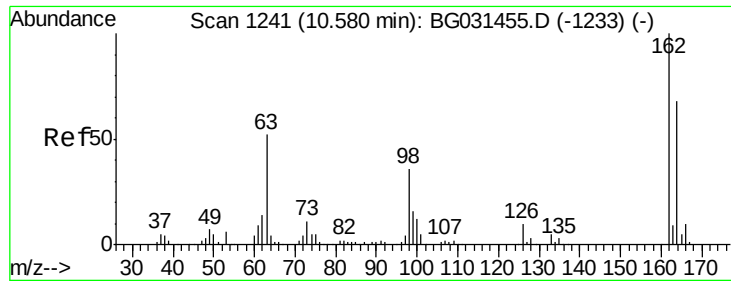
Tgt Ion	Ratio	Lower	Upper
122	100		
107	113.4	100.2	150.2
121	57.9	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.133 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	24.3	36.5
123	11.7	8.4	12.6

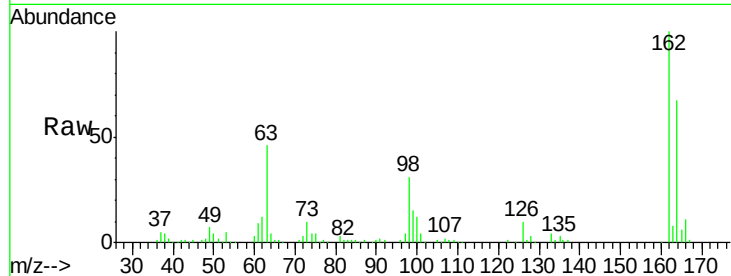




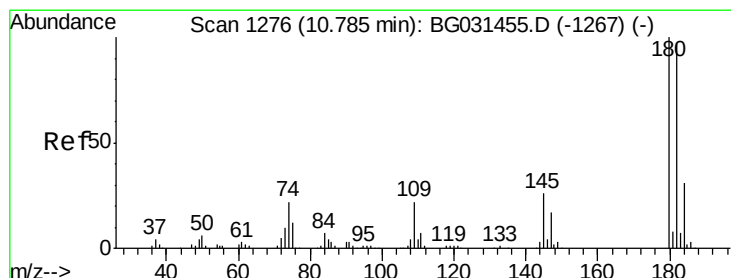
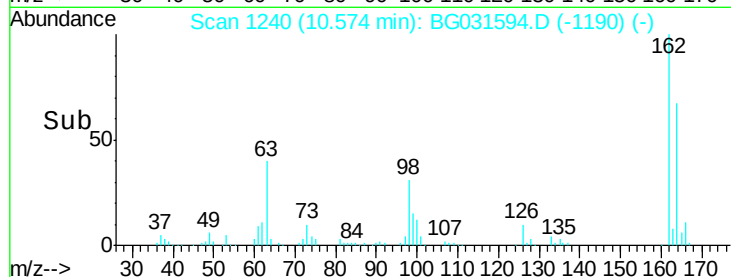
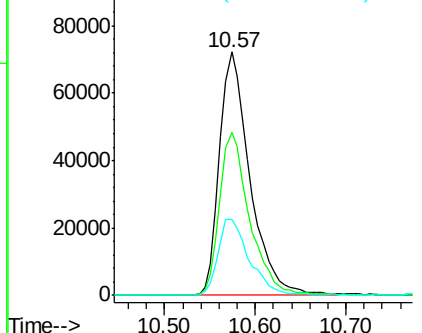
#29
 2,4-Dichlorophenol
 Concen: 42.964 ng
 RT: 10.57 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.2	48.0	88.0
98	31.0	21.1	61.1

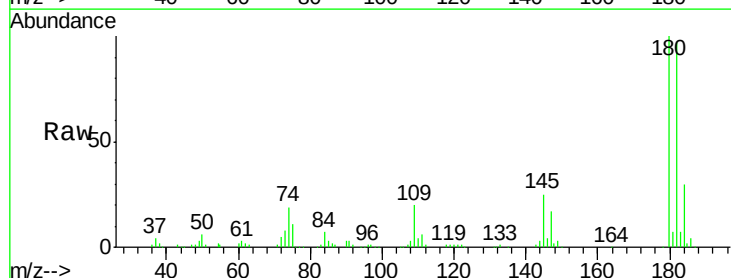


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

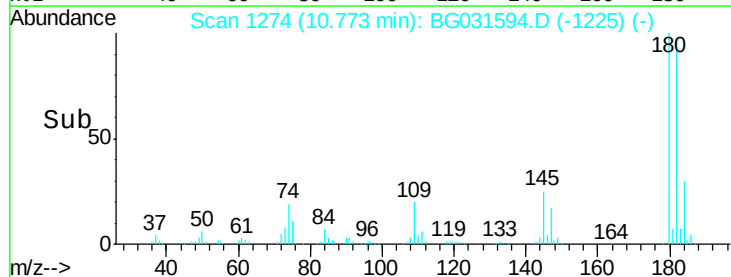
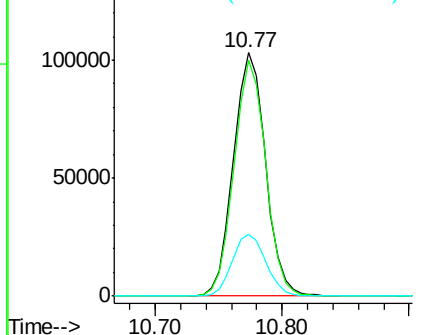


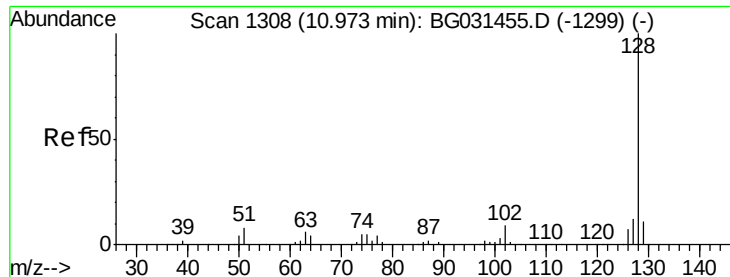
#30
 1,2,4-Trichlorobenzene
 Concen: 36.053 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	77.5	116.3
145	25.3	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

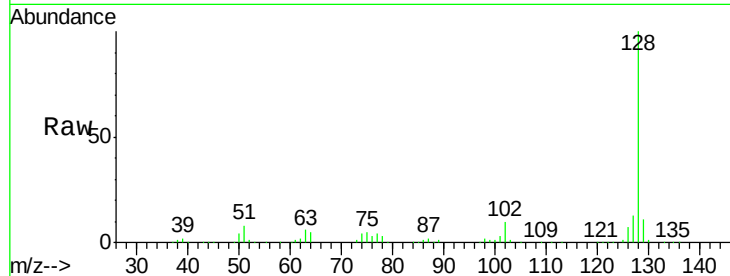




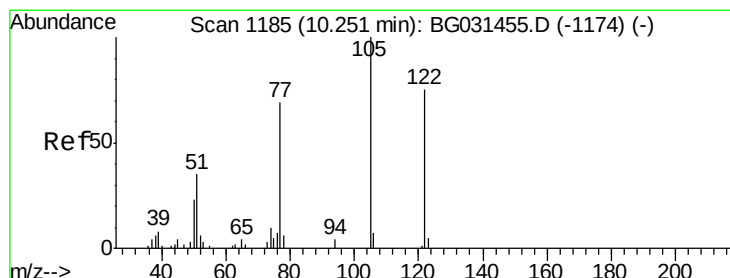
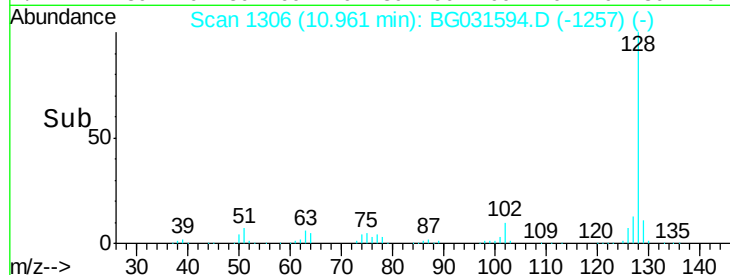
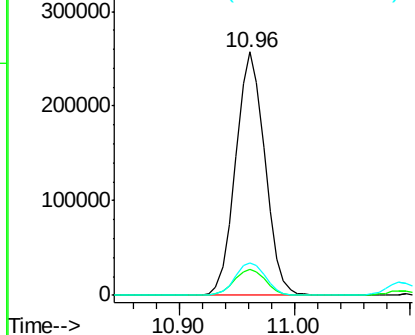
#31
Naphthalene
Concen: 34.427 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Instrument :
BNA_G
ClientSampleId :
PB105059BS

Tgt Ion:128 Resp: 450782
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.1 11.6 17.4

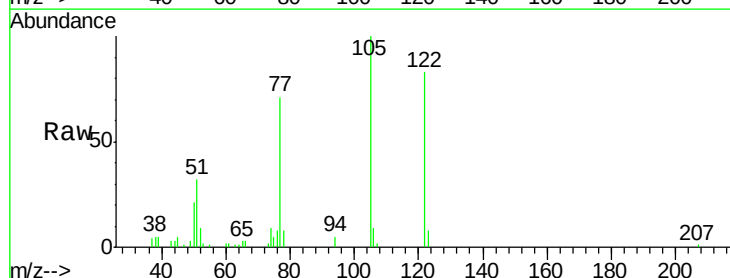


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

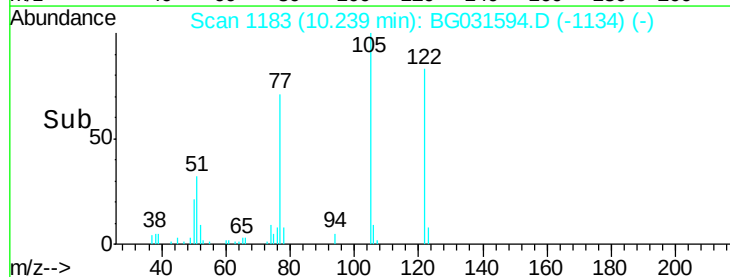
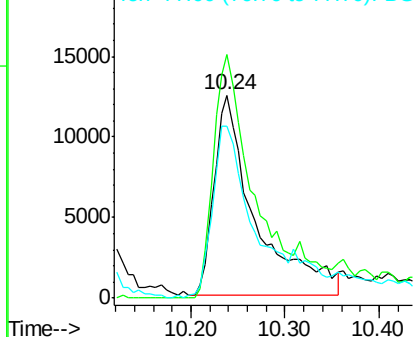


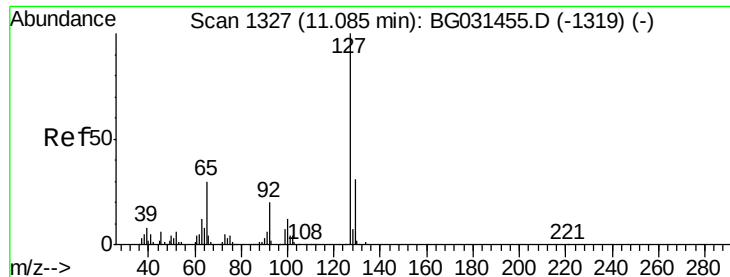
#32
Benzoic acid
Concen: 26.169 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion:122 Resp: 38288
Ion Ratio Lower Upper
122 100
105 119.9 123.5 163.5#
77 85.0 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

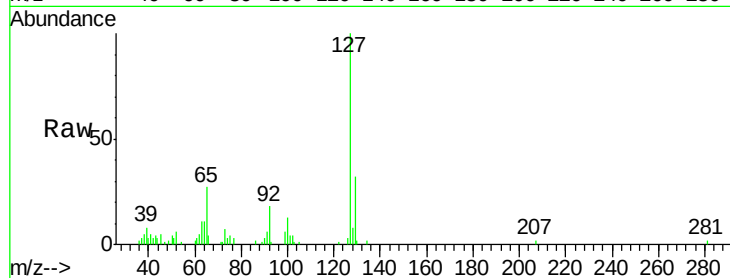




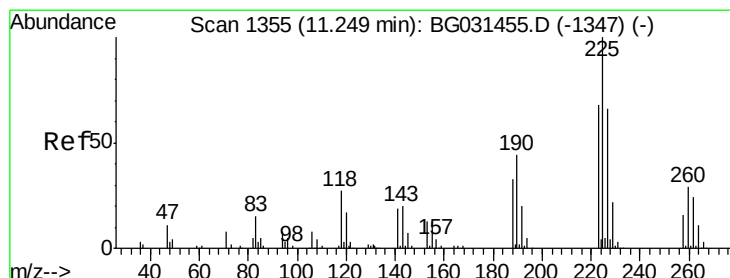
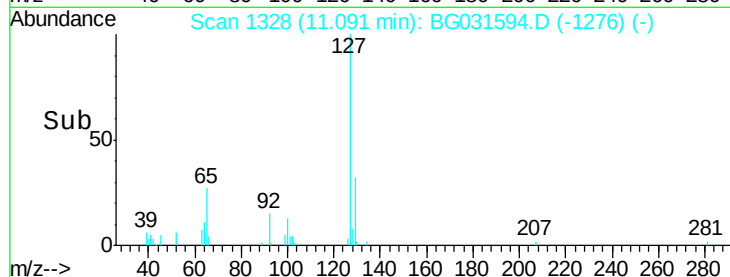
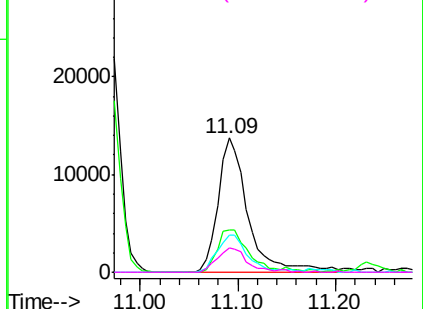
#33
4-Chloroaniline
Concen: 5.157 ng
RT: 11.09 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Instrument :
BNA_G
ClientSampleId :
PB105059BS

Tgt Ion:	127	Resp:	29321
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.0	36.0
65	27.5	27.0	40.4
92	18.0	16.6	25.0

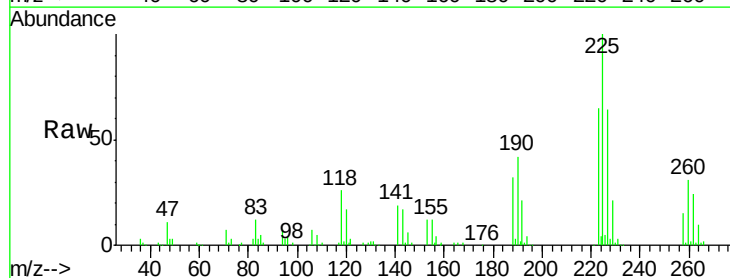


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

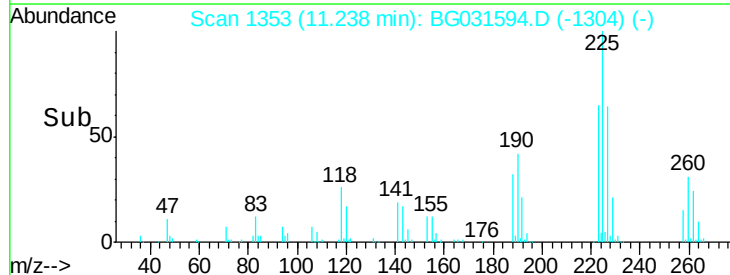
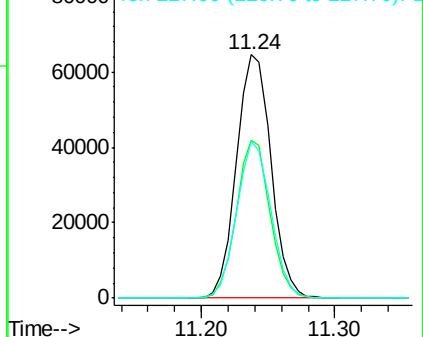


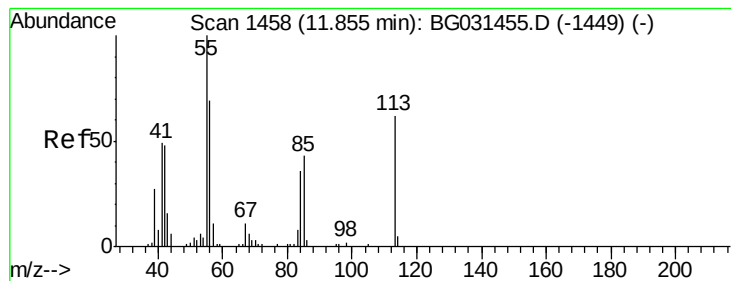
#34
Hexachlorobutadiene
Concen: 34.843 ng
RT: 11.24 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion:	225	Resp:	115771
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.7	74.5
227	64.2	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.645 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

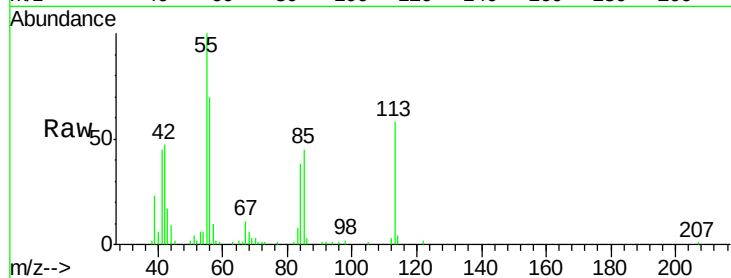
Tgt Ion:113 Resp: 62587

Ion Ratio Lower Upper

113 100

55 171.4 186.9 226.9#

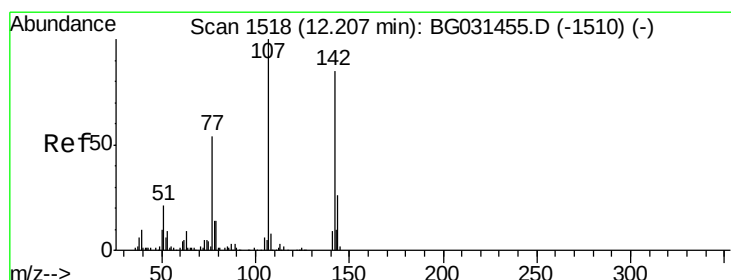
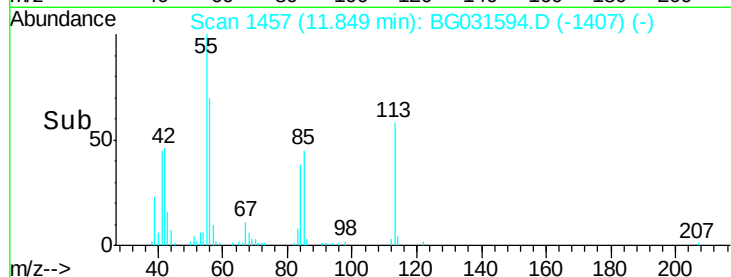
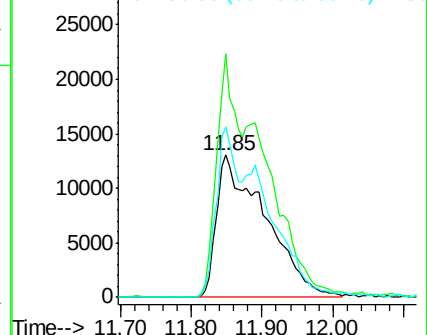
56 119.8 130.9 170.9#



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: 37.813 ng

RT: 12.20 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

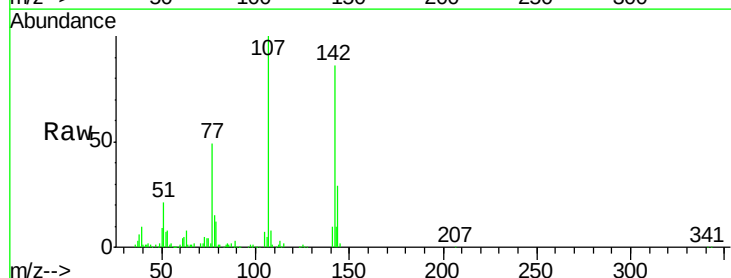
Tgt Ion:107 Resp: 169258

Ion Ratio Lower Upper

107 100

144 29.1 18.2 27.4#

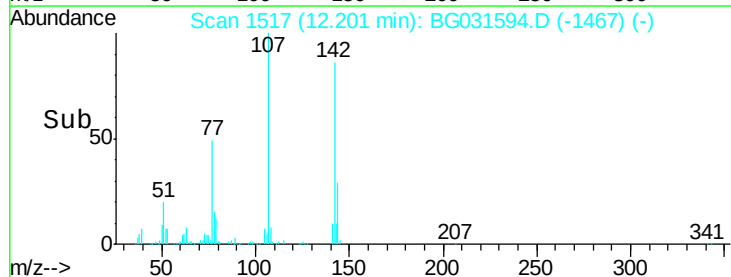
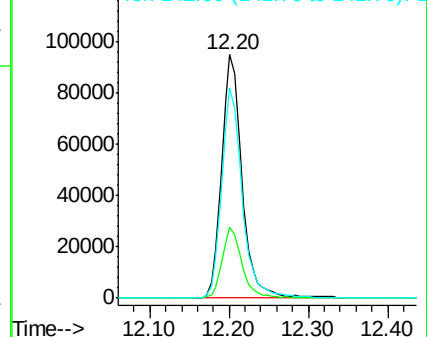
142 86.4 59.0 88.4

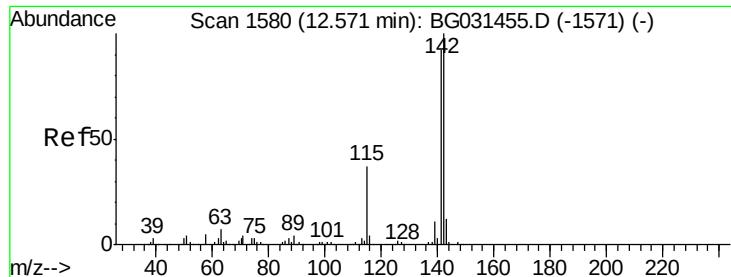


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

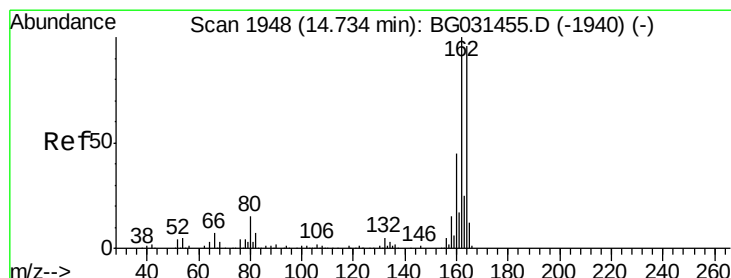
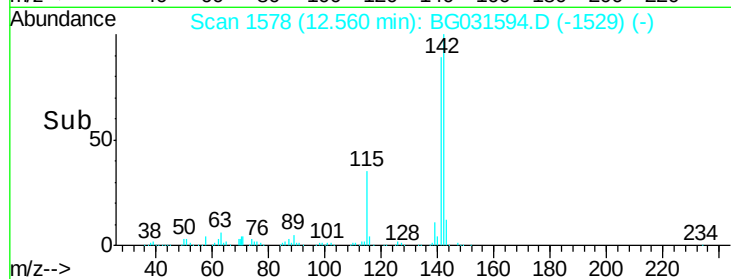
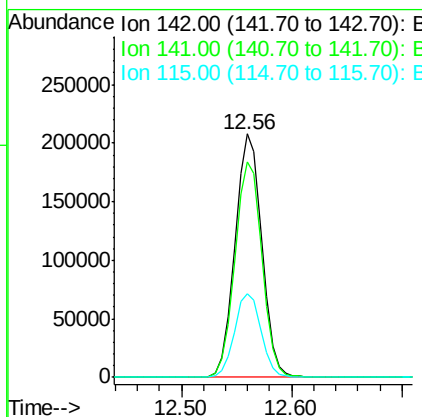
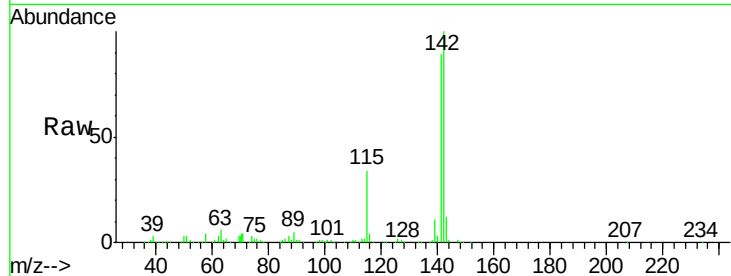




#37
 2-Methylnaphthalene
 Concen: 34.960 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

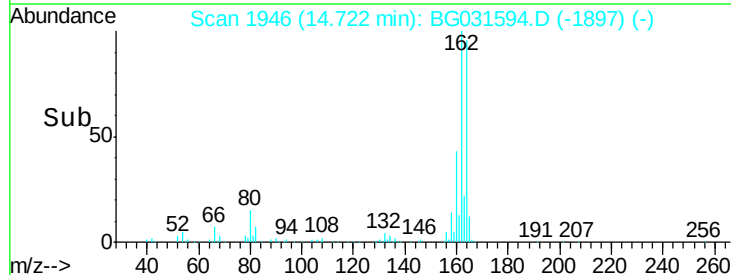
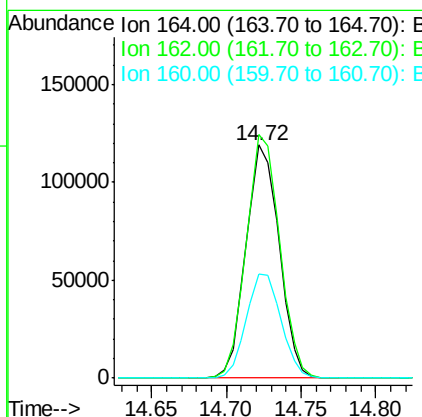
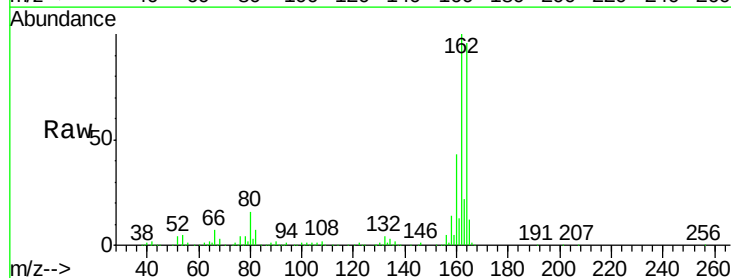
Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

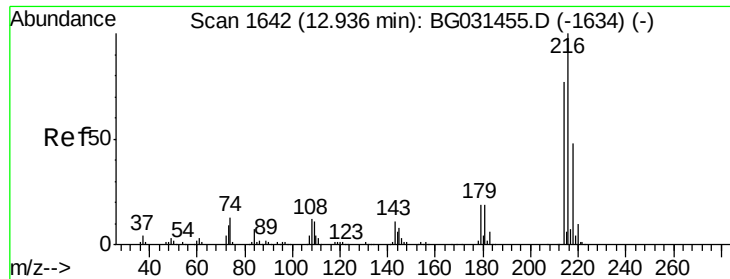
Tgt Ion:142 Resp: 354428
 Ion Ratio Lower Upper
 142 100
 141 88.7 67.1 100.7
 115 34.5 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion:164 Resp: 183213
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 44.5 35.4 53.0

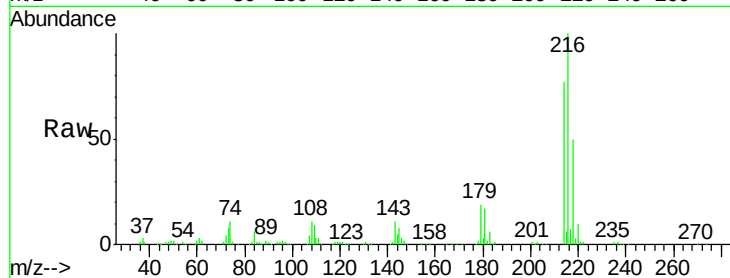




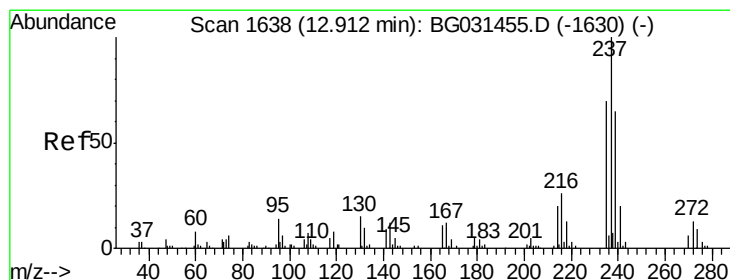
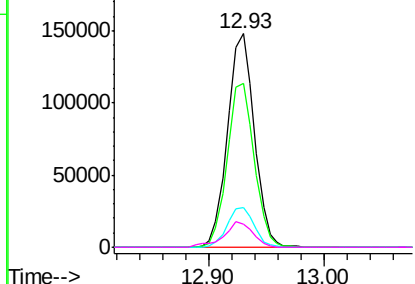
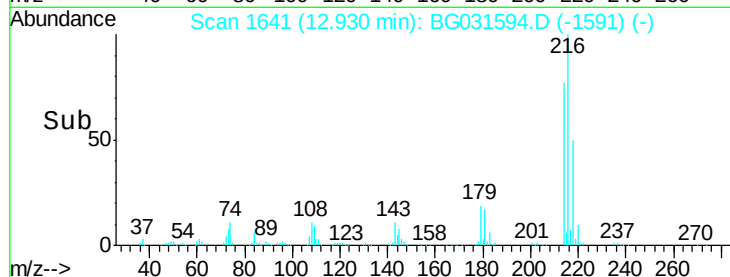
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.123 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

Tgt Ion:	216	Resp:	237175
Ion	Ratio	Lower	Upper
216	100		
214	77.4	63.0	94.4
179	18.7	17.0	25.6
108	12.8	12.8	19.2

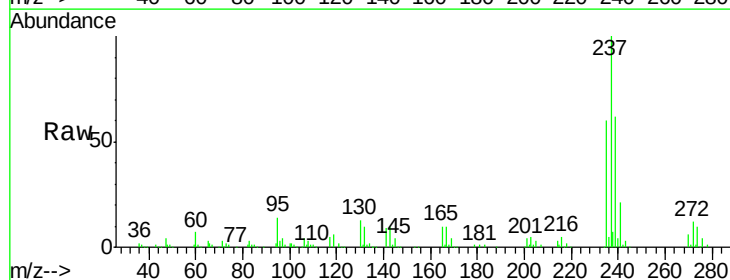


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

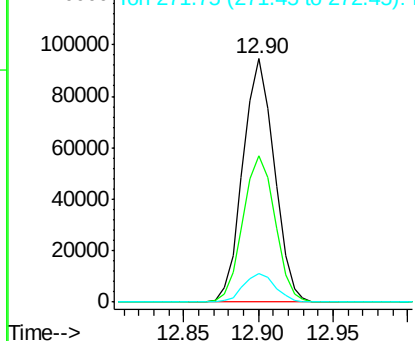
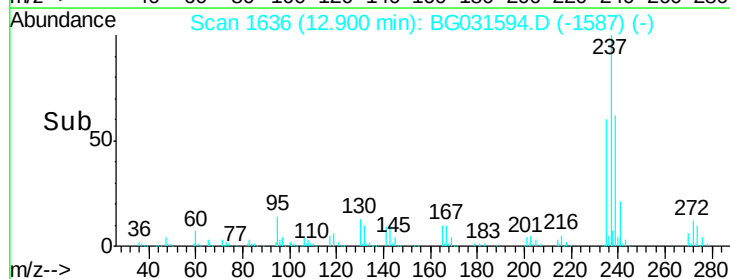


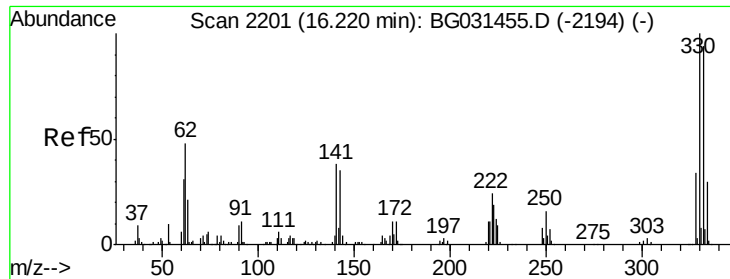
#40
 Hexachlorocyclopentadiene
 Concen: 62.930 ng
 RT: 12.90 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion:	237	Resp:	137979
Ion	Ratio	Lower	Upper
237	100		
235	60.0	50.4	90.4
272	11.9	0.0	31.8



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

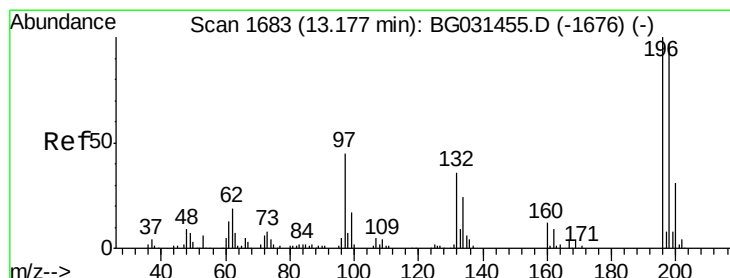
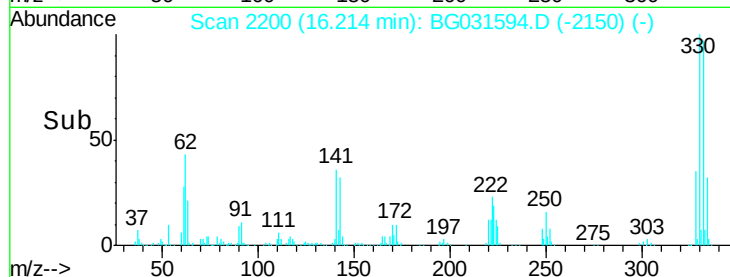
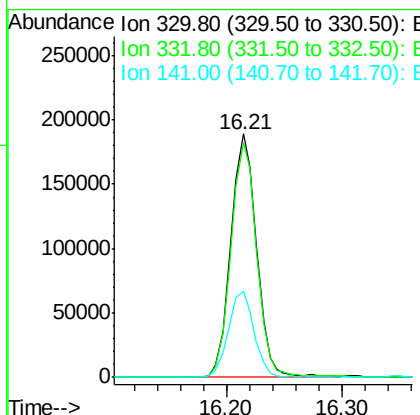
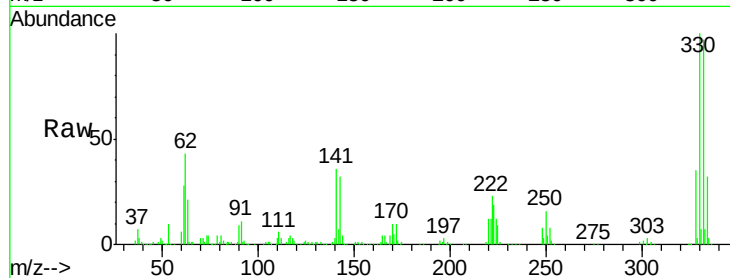




#41
 2,4,6-Tribromophenol
 Concen: 135.725 ng
 RT: 16.21 min Scan# 2200
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

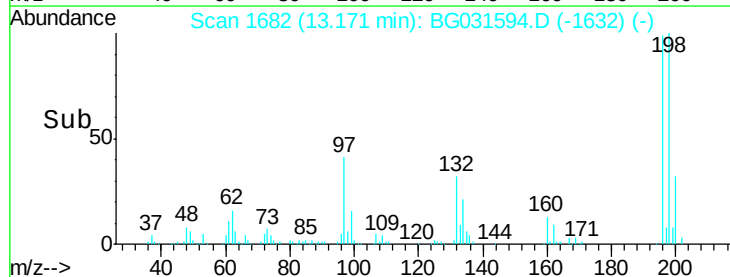
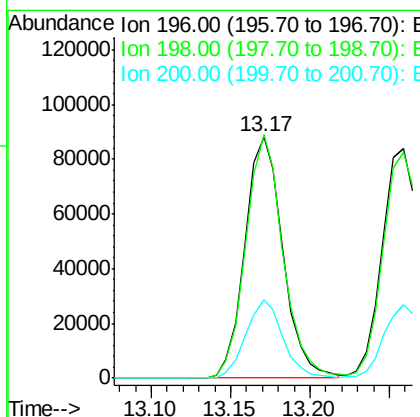
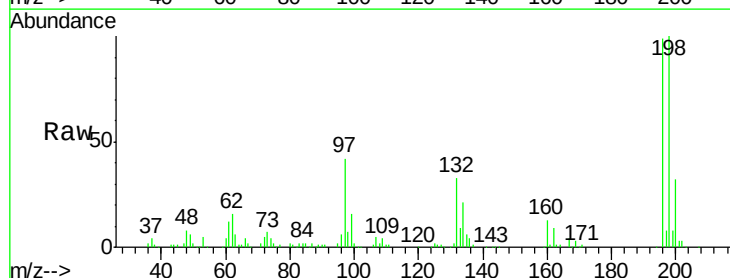
Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

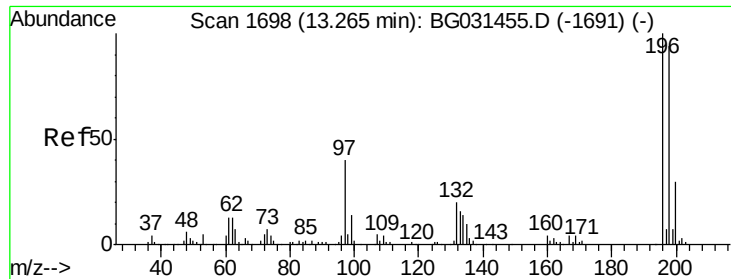
Tgt Ion:330 Resp: 291323
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 35.8 25.2 37.8



#42
 2,4,6-Trichlorophenol
 Concen: 40.141 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion:196 Resp: 146849
 Ion Ratio Lower Upper
 196 100
 198 100.9 78.2 117.2
 200 32.3 24.6 36.8

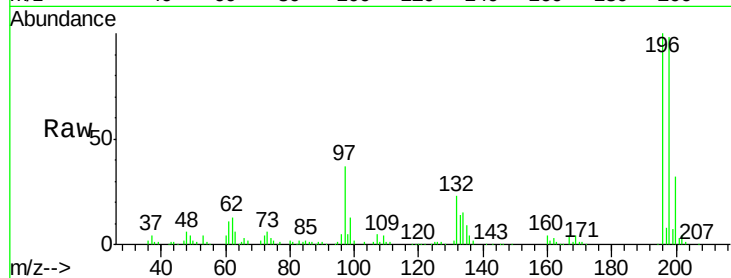




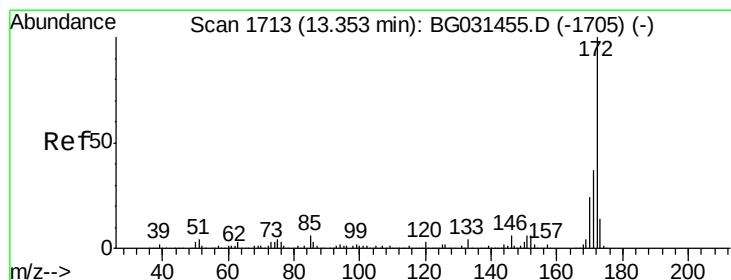
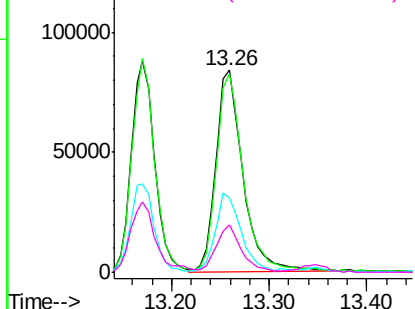
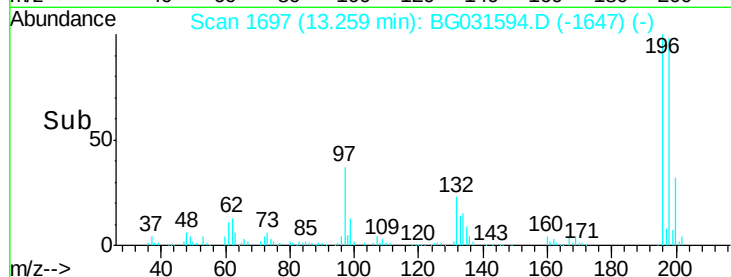
#43
 2,4,5-Trichlorophenol
 Concen: 40.674 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

Tgt Ion	Resp	Lower	Upper
196	160289		
198	98.3	76.2	114.4
97	37.1	38.7	58.1#
132	23.3	20.2	30.2

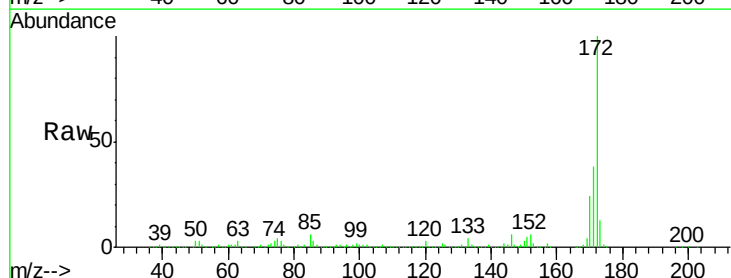


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

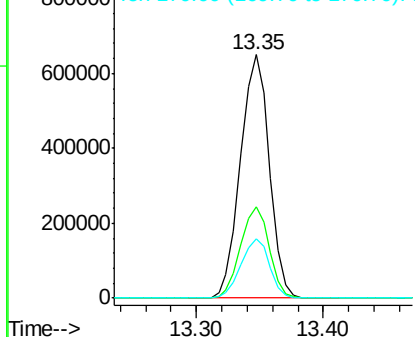
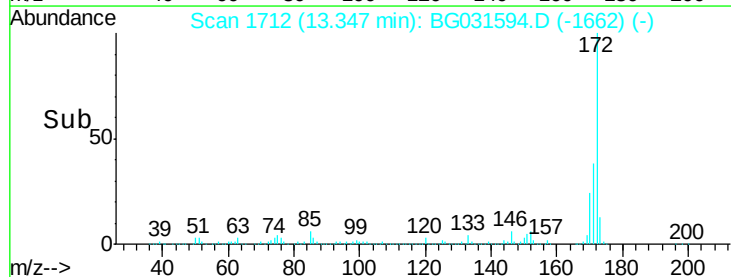


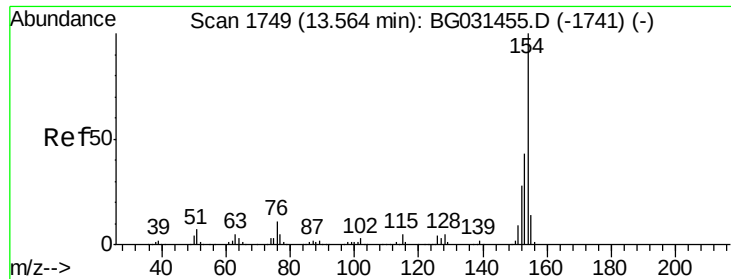
#44
 2-Fluorobiphenyl
 Concen: 81.997 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion	Resp	Lower	Upper
172	1023454		
171	37.7	30.0	45.0
170	24.4	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: 33.379 ng

RT: 13.56 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

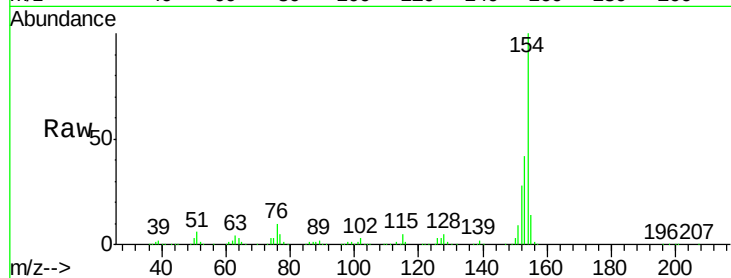
Tgt Ion:154 Resp: 502284

Ion Ratio Lower Upper

154 100

153 41.6 19.8 59.8

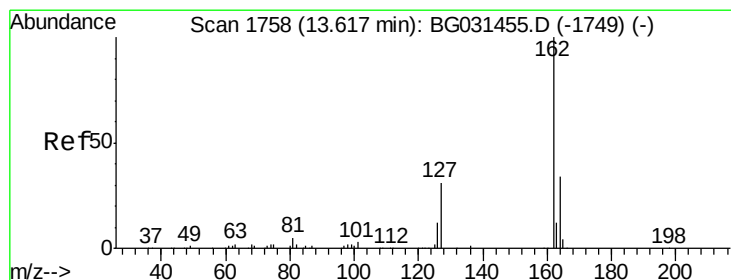
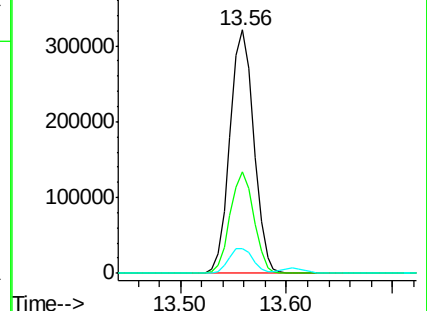
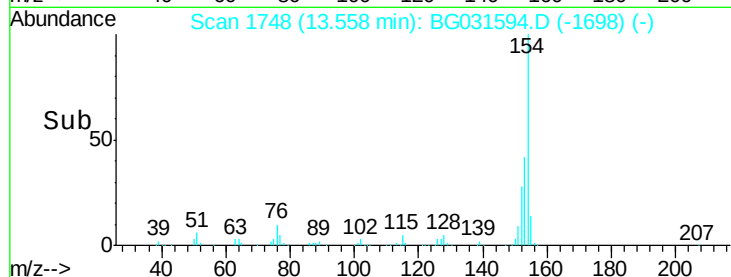
76 10.4 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 35.300 ng

RT: 13.61 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

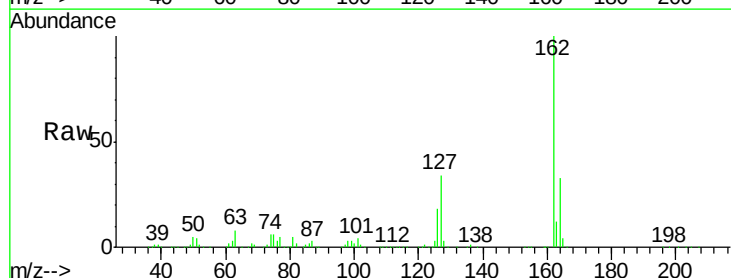
Tgt Ion:162 Resp: 388795

Ion Ratio Lower Upper

162 100

127 34.0 30.7 46.1

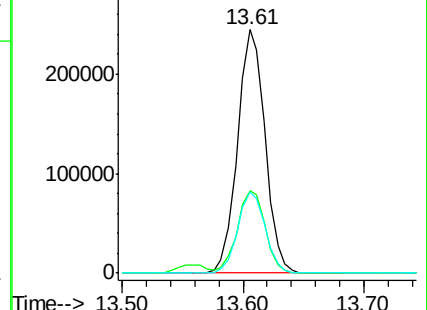
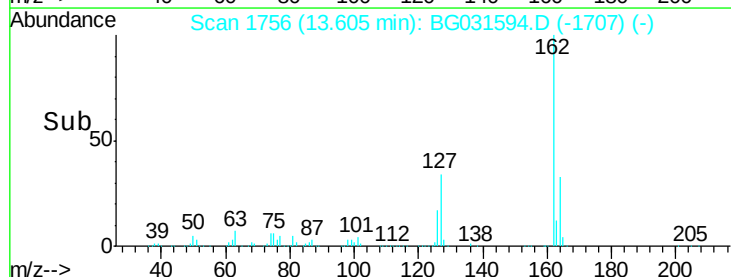
164 33.2 26.0 39.0

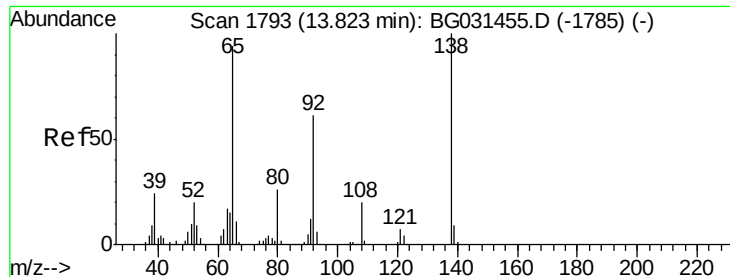


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 34.079 ng

RT: 13.81 min Scan# 1791

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

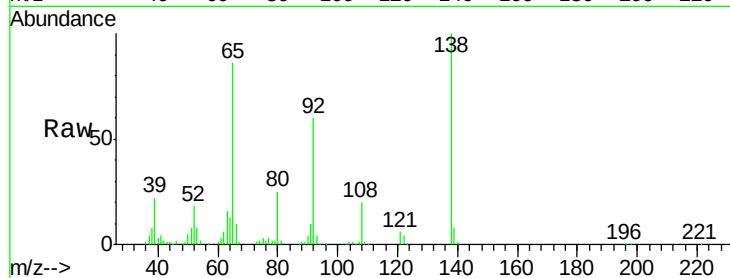
Tgt Ion: 65 Resp: 105473

Ion Ratio Lower Upper

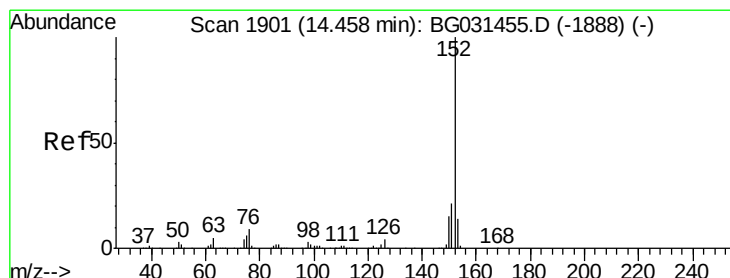
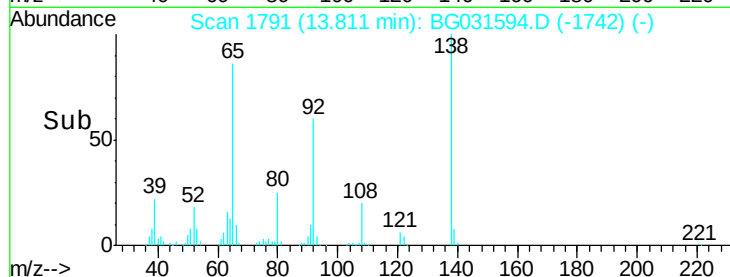
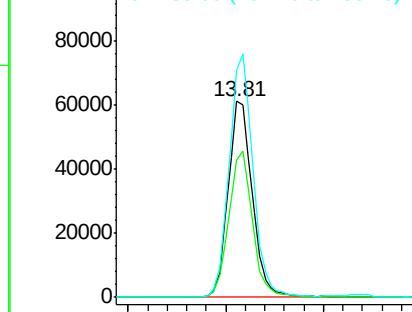
65 100

92 70.0 54.6 82.0

138 115.9 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: 33.446 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

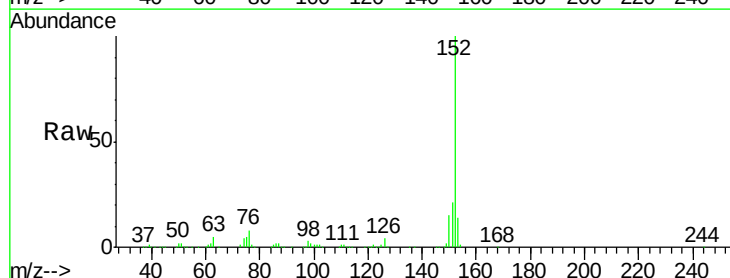
Tgt Ion: 152 Resp: 592725

Ion Ratio Lower Upper

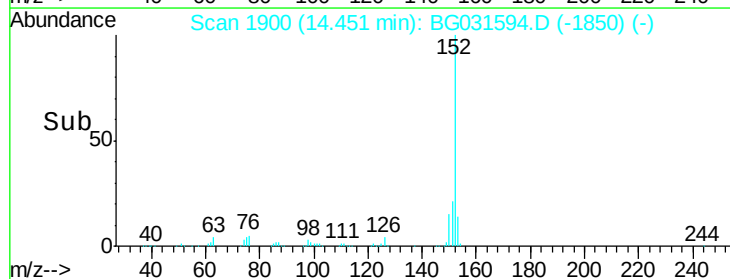
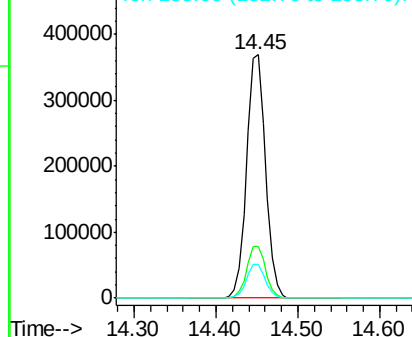
152 100

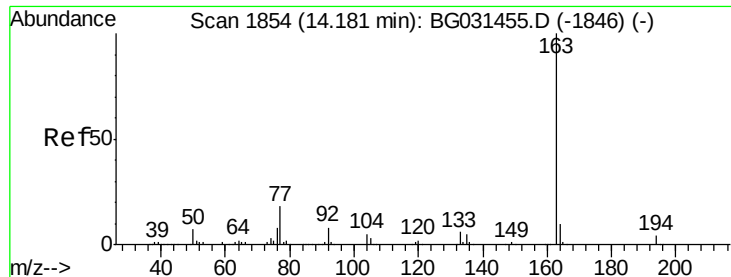
151 21.1 17.2 25.8

153 13.6 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: 34.964 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

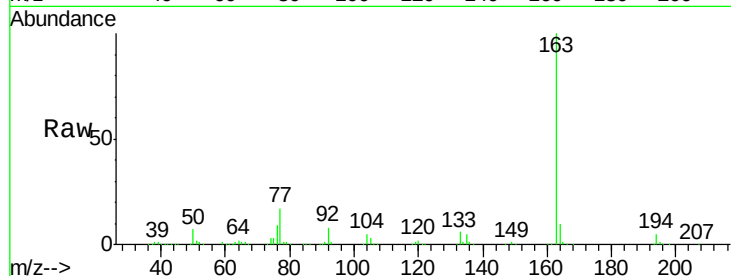
Tgt Ion:163 Resp: 530336

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

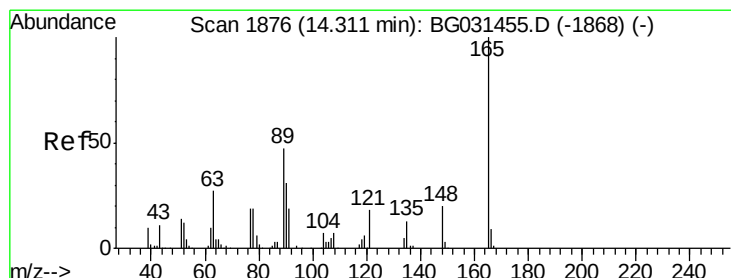
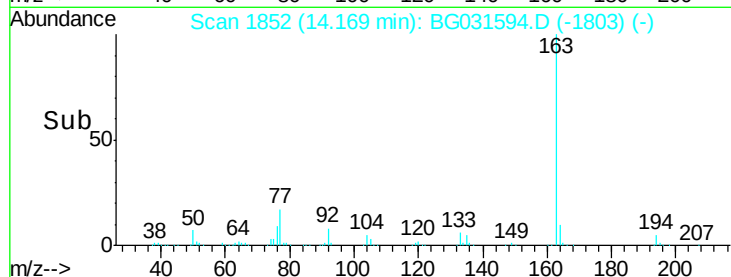
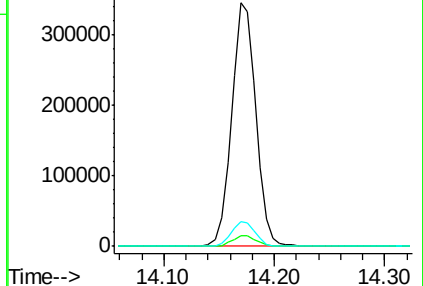
164 10.3 8.2 12.4



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: 37.293 ng

RT: 14.30 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

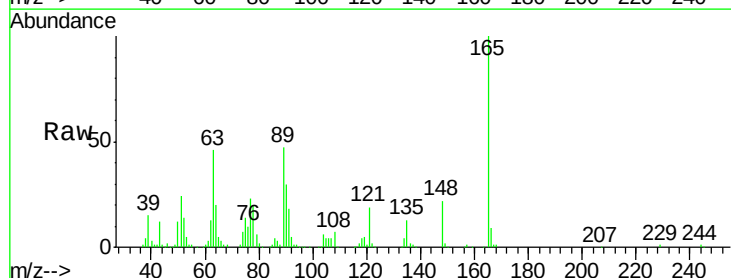
Tgt Ion:165 Resp: 120907

Ion Ratio Lower Upper

165 100

63 45.8 52.7 79.1#

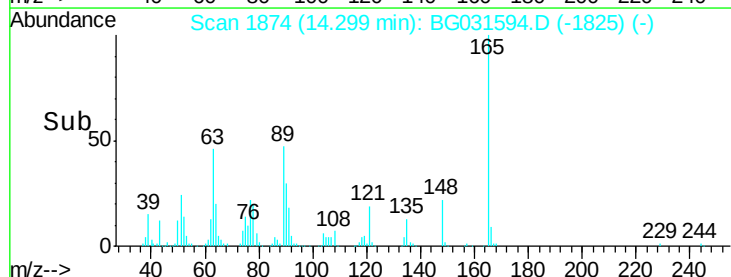
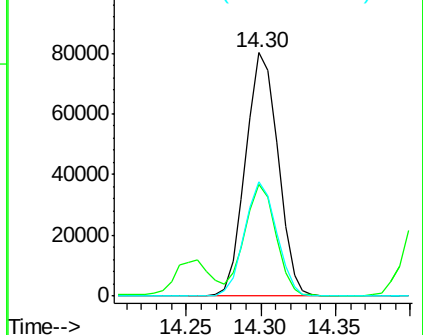
89 47.1 49.2 73.8#

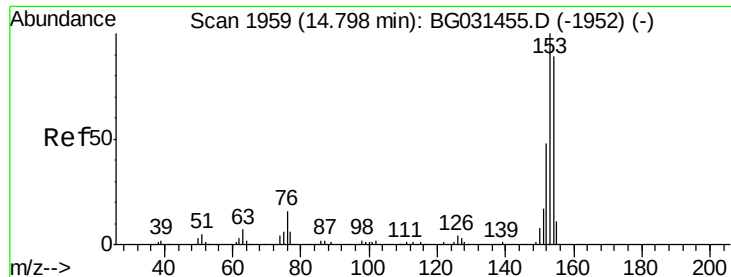


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 32.496 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

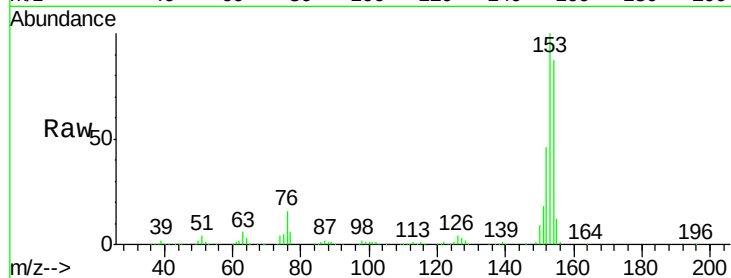
Tgt Ion:154 Resp: 364141

Ion Ratio Lower Upper

154 100

153 115.3 90.4 135.6

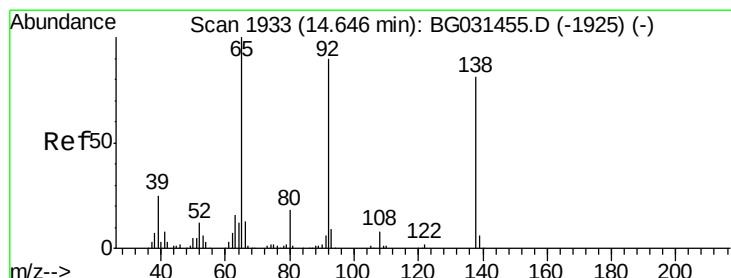
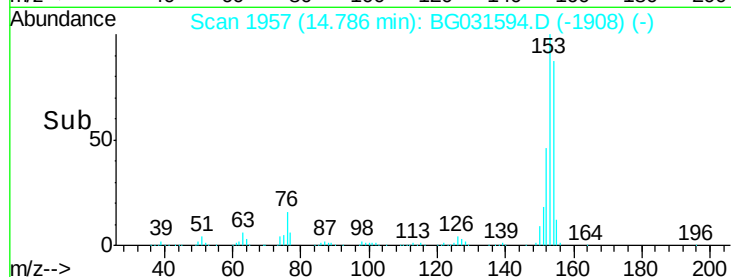
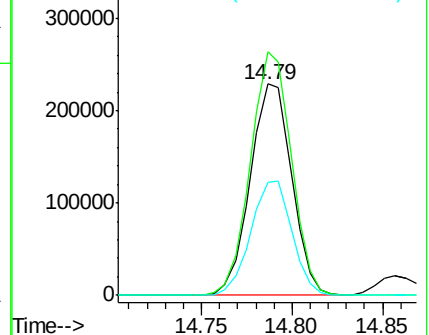
152 53.6 41.6 62.4



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: 5.164 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

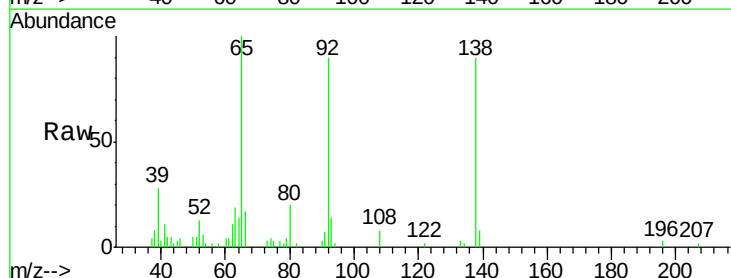
Tgt Ion:138 Resp: 17067

Ion Ratio Lower Upper

138 100

108 9.3 17.5 26.3#

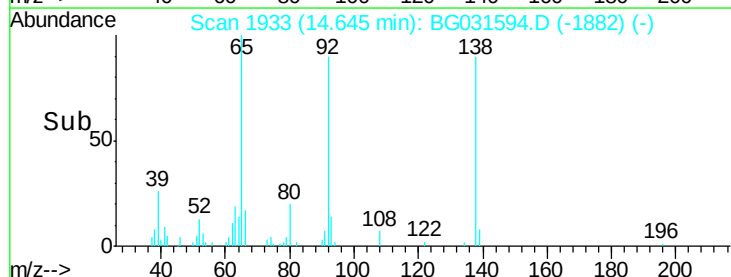
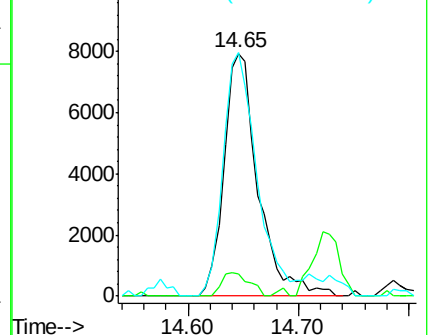
92 100.3 105.8 158.8#

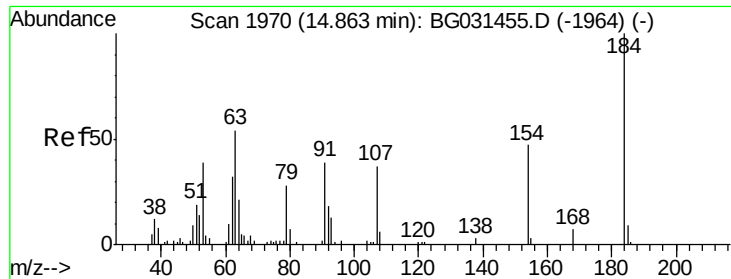


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

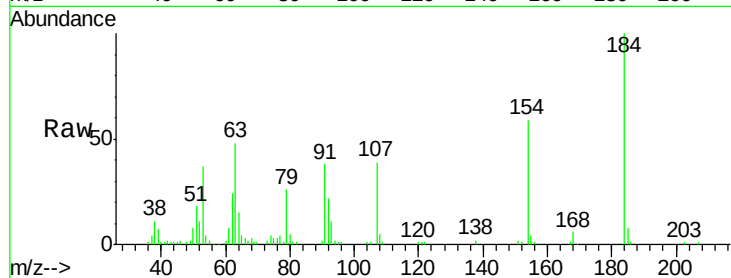




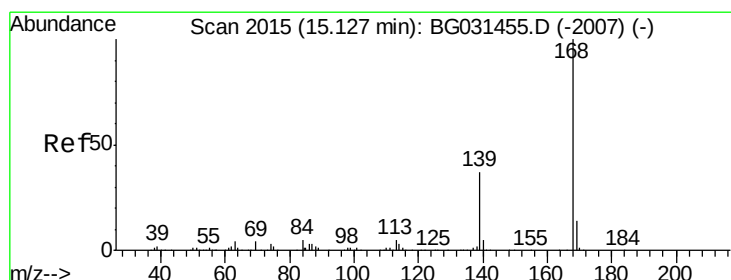
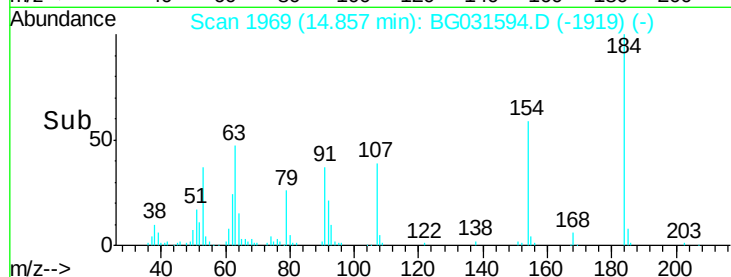
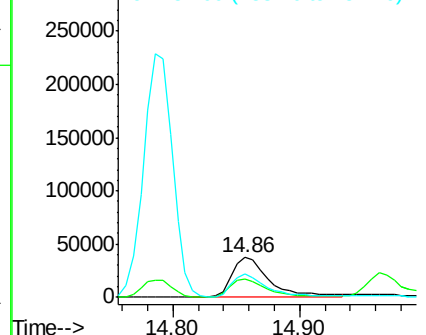
#53
 2,4-Dinitrophenol
 Concen: 59.136 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

Tgt Ion:184 Resp: 76408
 Ion Ratio Lower Upper
 184 100
 63 47.8 59.8 89.8#
 154 58.6 101.8 152.8#

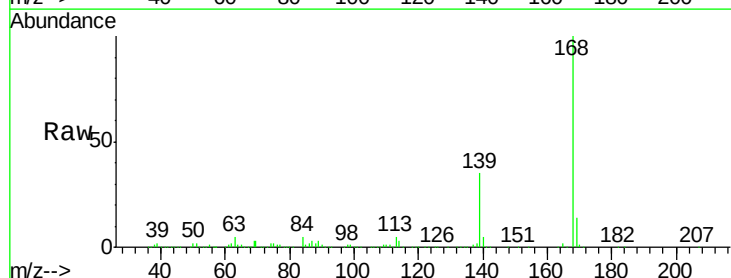


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

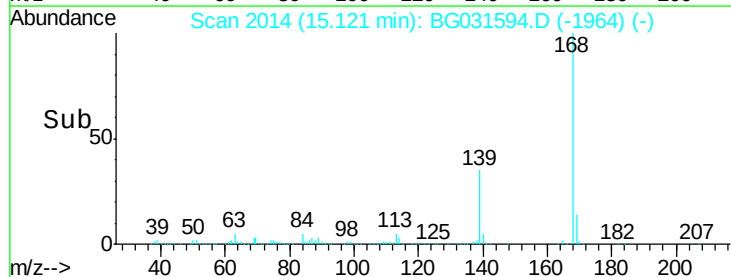
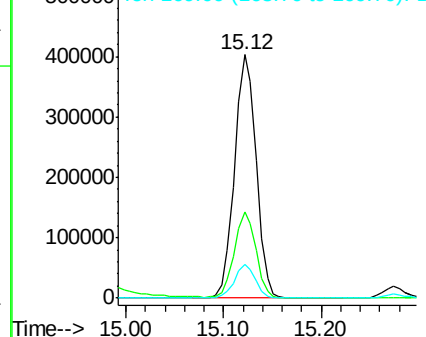


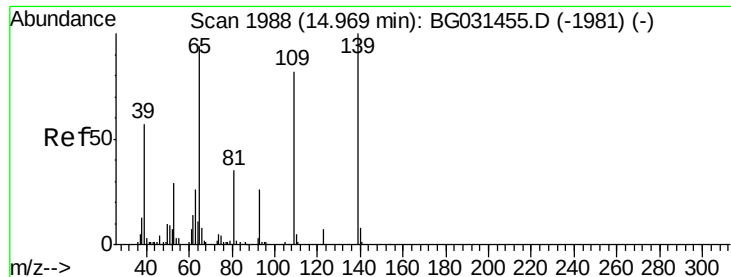
#54
 Dibenzofuran
 Concen: 34.479 ng
 RT: 15.12 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion:168 Resp: 616537
 Ion Ratio Lower Upper
 168 100
 139 35.4 28.6 43.0
 169 13.9 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

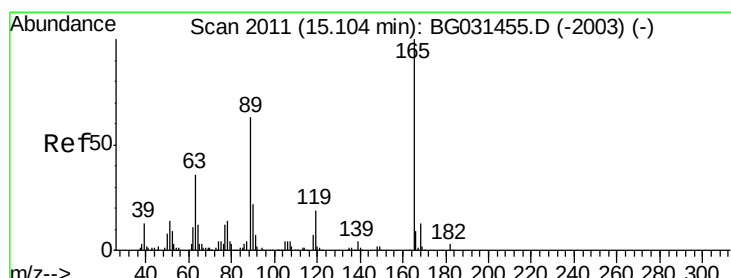
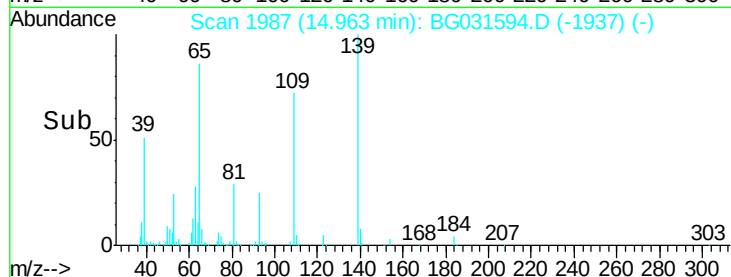
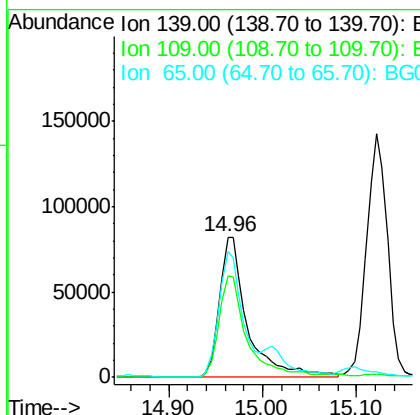
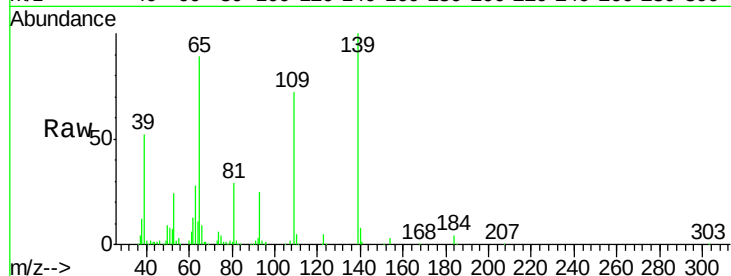




#55
4-Nitrophenol
Concen: 76.975 ng
RT: 14.96 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

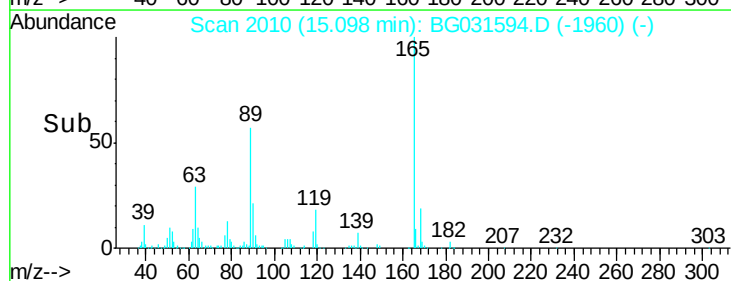
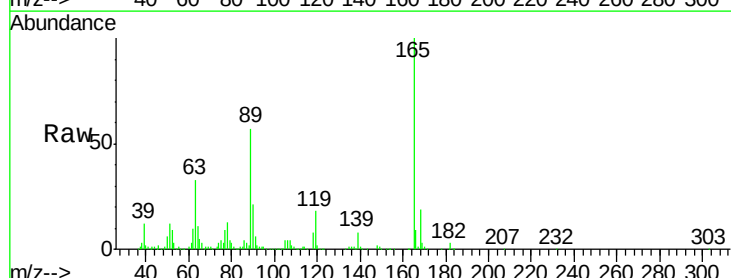
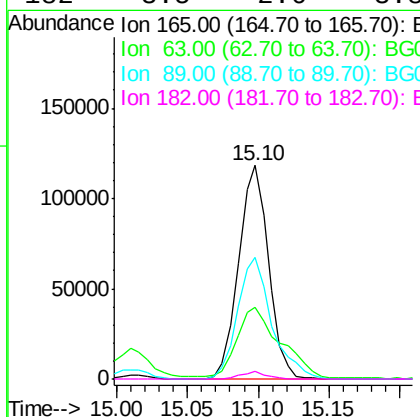
Instrument :
BNA_G
ClientSampleId :
PB105059BS

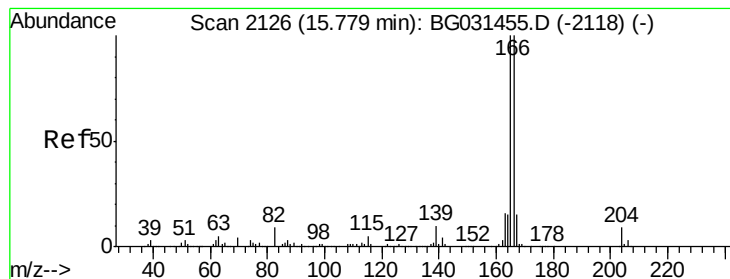
Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.4	62.2	102.2
65	89.2	97.2	137.2#



#56
2,4-Dinitrotoluene
Concen: 38.015 ng
RT: 15.10 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.3	42.0	63.0#
89	57.1	66.9	100.3#
182	3.5	2.6	3.8





#57

Fluorene

Concen: 34.683 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

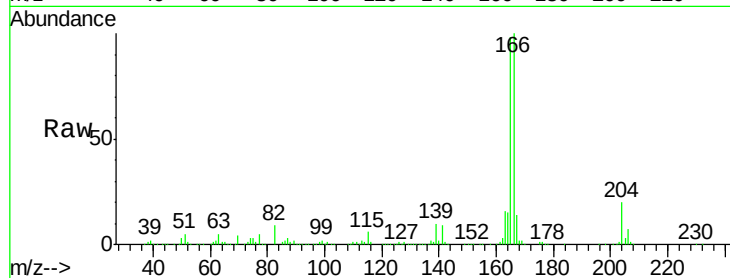
Tgt Ion:166 Resp: 496936

Ion Ratio Lower Upper

166 100

165 98.0 80.6 121.0

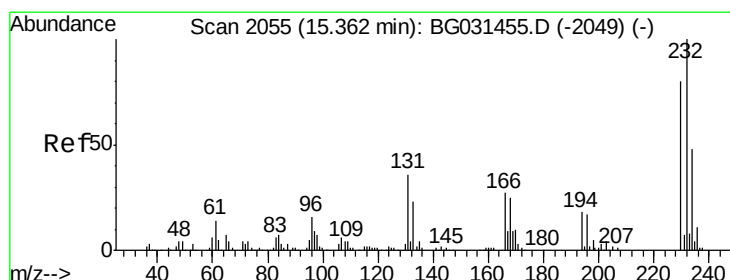
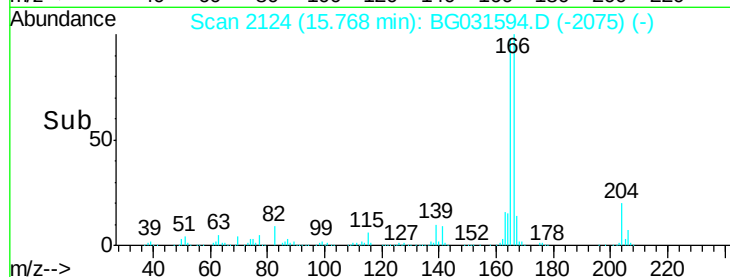
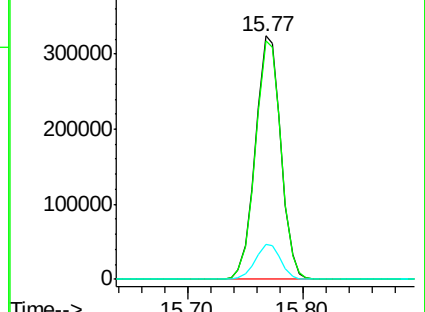
167 14.2 10.4 15.6



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: 43.164 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Tgt Ion:232 Resp: 159885

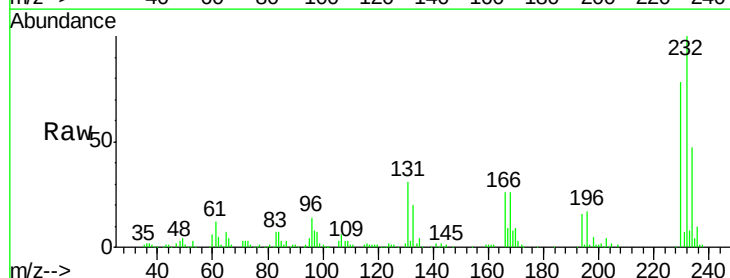
Ion Ratio Lower Upper

232 100

131 32.2 33.5 50.3#

130 2.1 2.2 3.2#

166 25.8 24.8 37.2

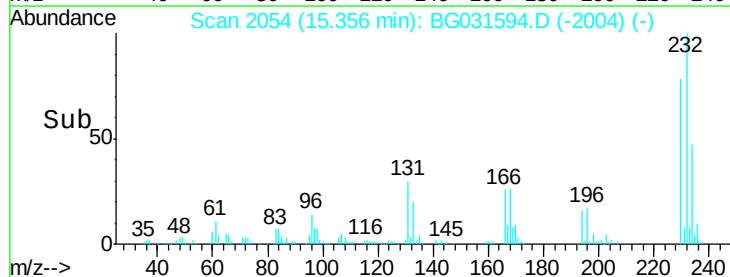
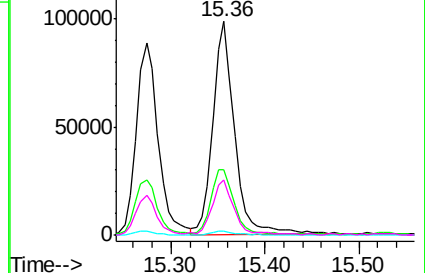


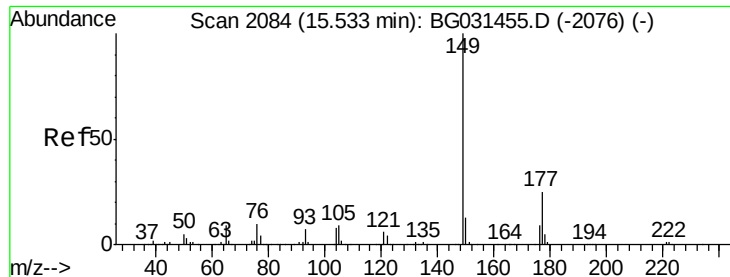
Abundance Ion 232.00 (231.70 to 232.70): E

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

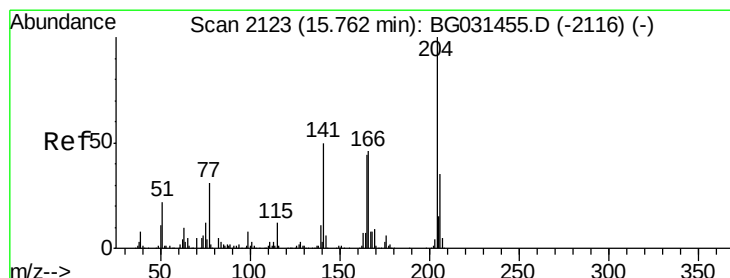
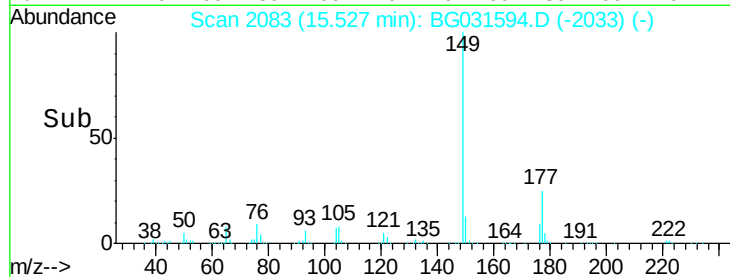
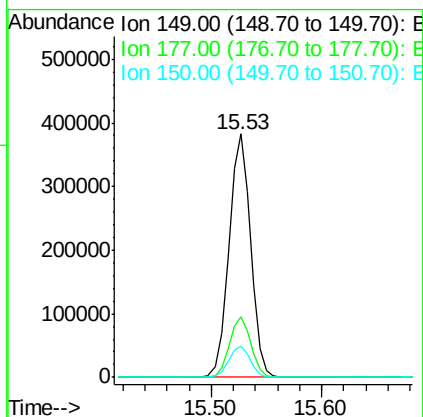
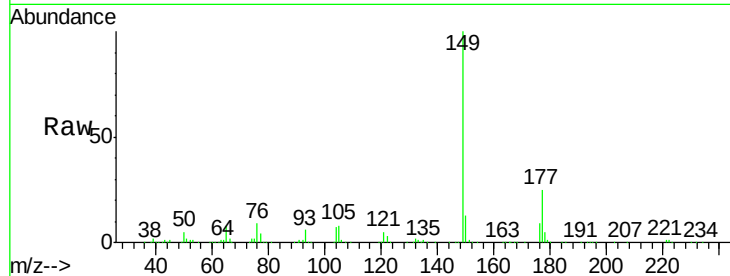




#59
Diethylphthalate
Concen: 34.442 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

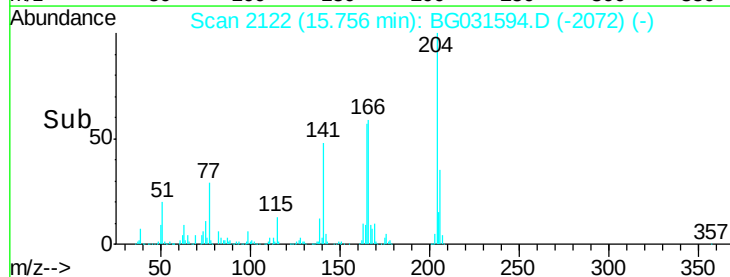
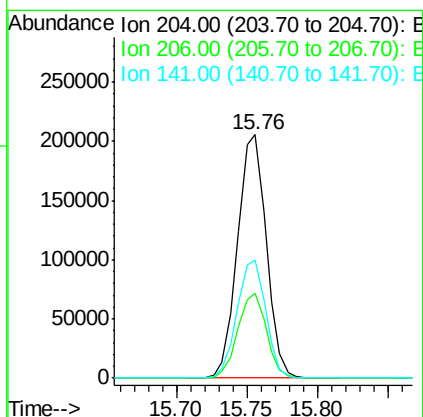
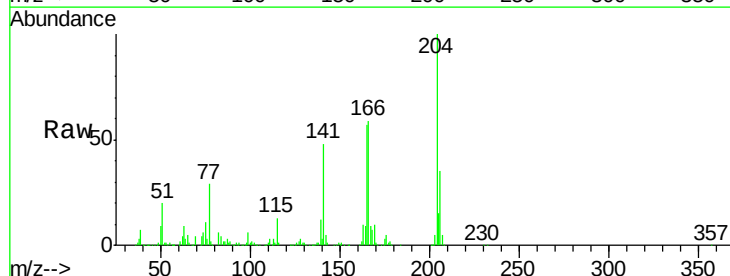
Instrument :
BNA_G
ClientSampleId :
PB105059BS

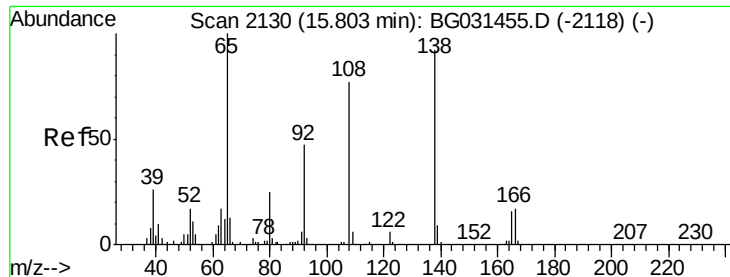
Tgt Ion:149 Resp: 523650
Ion Ratio Lower Upper
149 100
177 24.6 18.5 27.7
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 33.436 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion:204 Resp: 293101
Ion Ratio Lower Upper
204 100
206 34.6 26.2 39.2
141 48.3 45.8 68.6

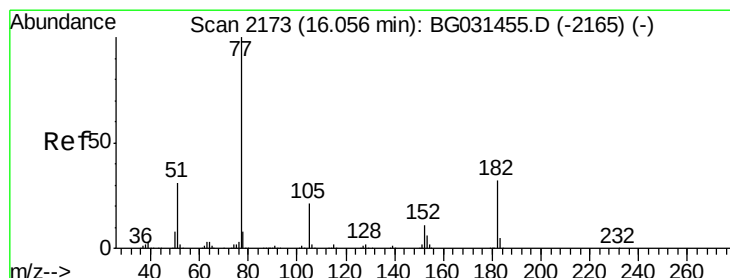
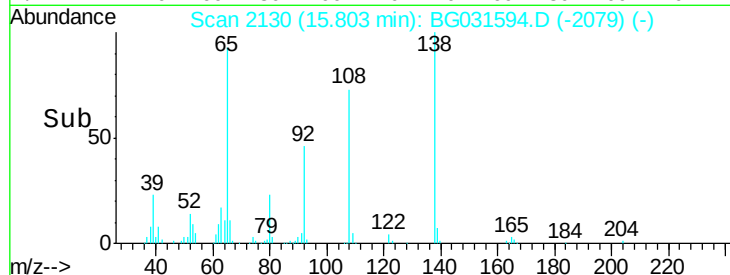
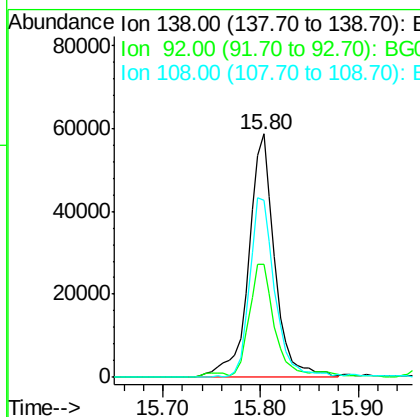
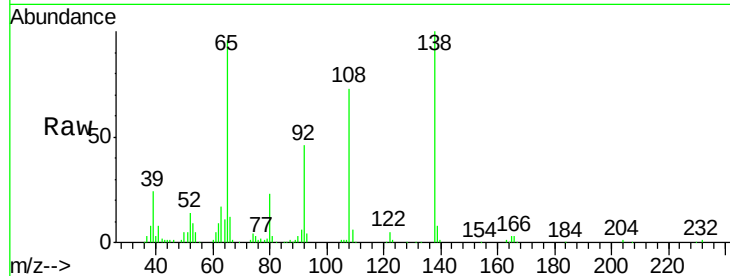




#61
4-Nitroaniline
Concen: 31.687 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

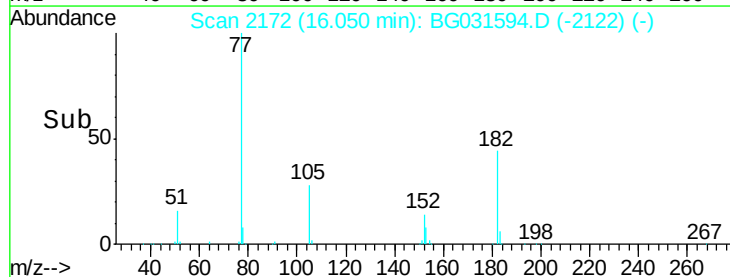
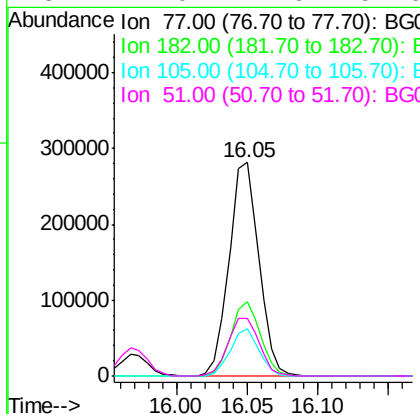
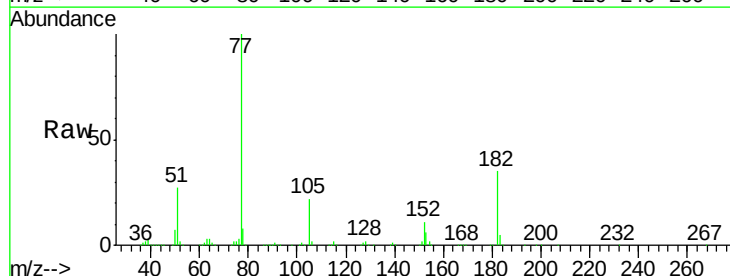
Instrument :
BNA_G
ClientSampleId :
PB105059BS

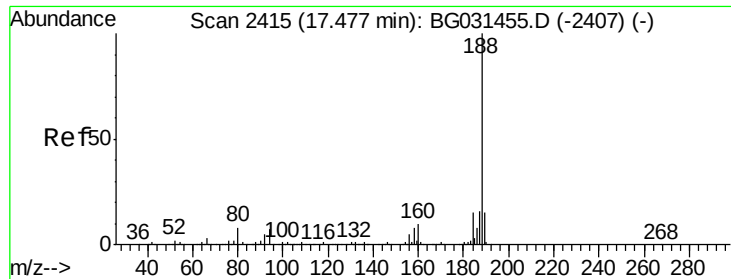
Tgt Ion:138 Resp: 109900
Ion Ratio Lower Upper
138 100
92 46.5 40.1 80.1
108 72.6 65.4 105.4



#62
Azobenzene
Concen: 32.800 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion: 77 Resp: 413105
Ion Ratio Lower Upper
77 100
182 34.7 7.4 47.4
105 22.1 0.3 40.3
51 27.0 11.6 51.6

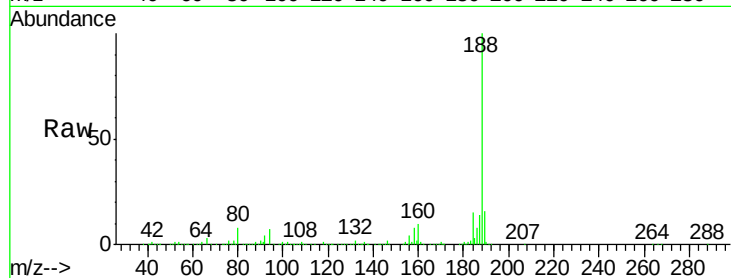




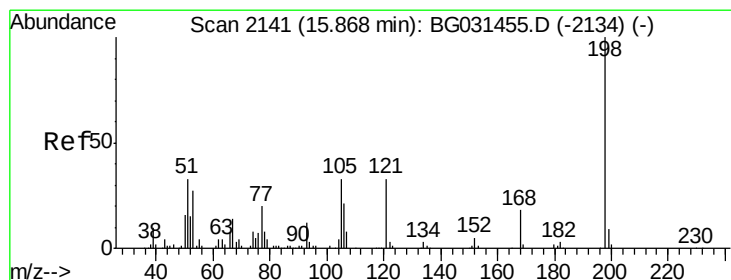
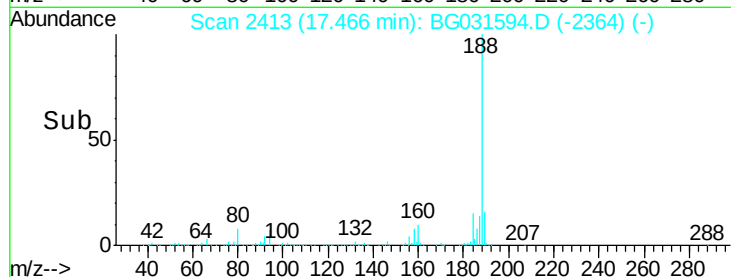
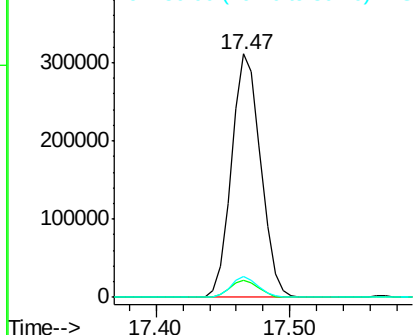
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Instrument :
BNA_G
ClientSampleId :
PB105059BS

Tgt Ion:188 Resp: 473410
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 8.4 7.7 11.5

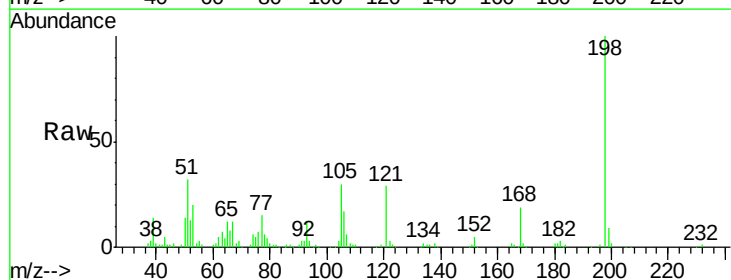


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

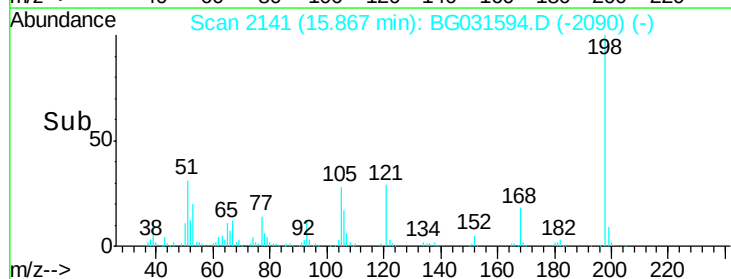
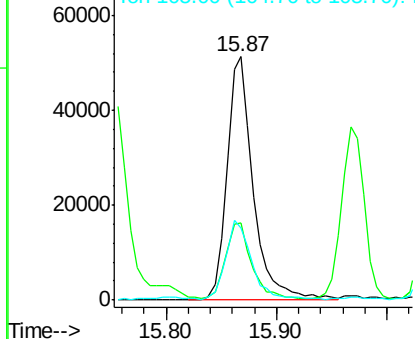


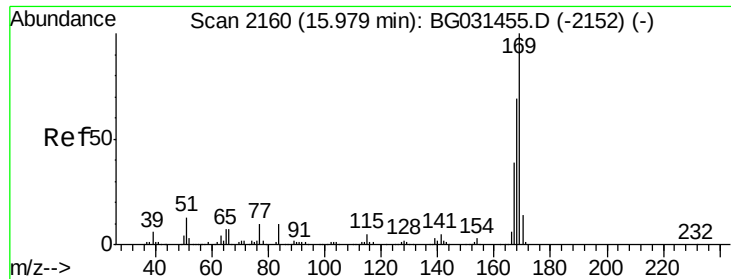
#64
4,6-Dinitro-2-methylphenol
Concen: 31.630 ng
RT: 15.87 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion:198 Resp: 85291
Ion Ratio Lower Upper
198 100
51 31.6 30.6 70.6
105 29.6 23.8 63.8



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

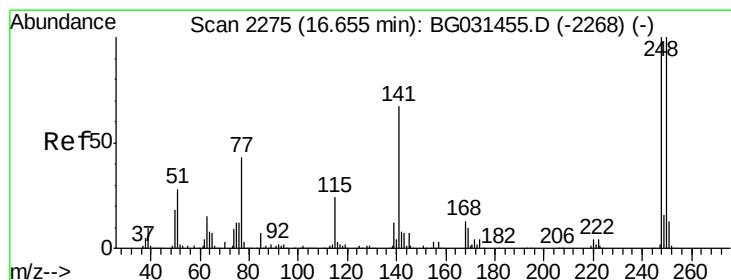
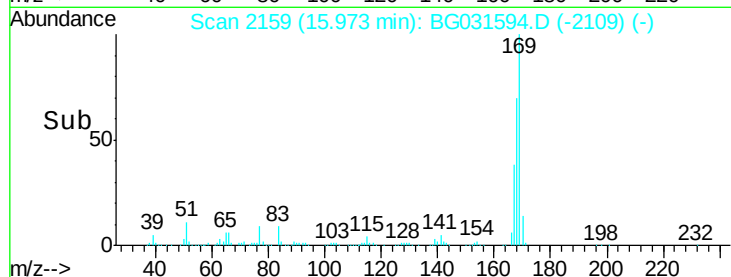
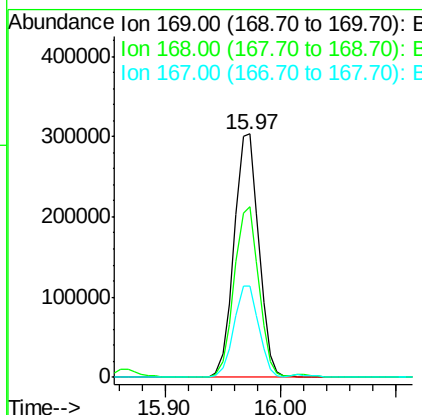
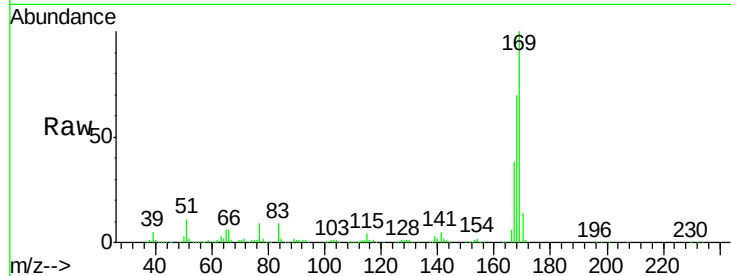




#65
 n-Nitrosodiphenylamine
 Concen: 32.449 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

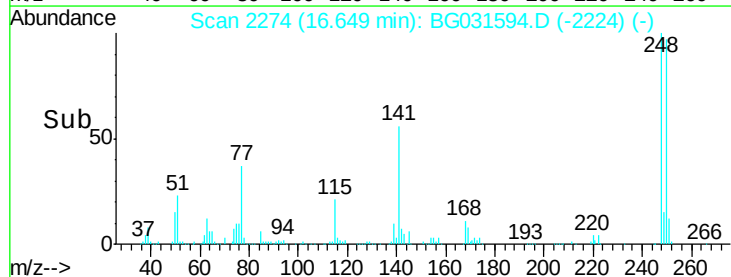
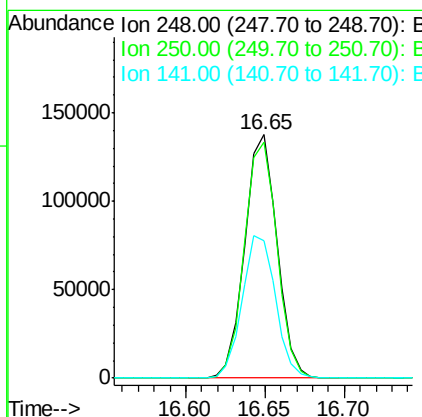
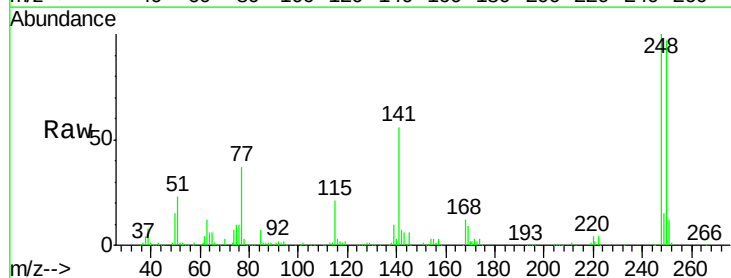
Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

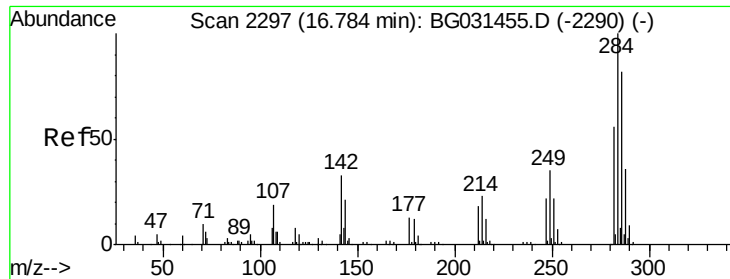
Tgt Ion:169 Resp: 449638
 Ion Ratio Lower Upper
 169 100
 168 70.2 55.7 83.5
 167 37.7 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 35.480 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion:248 Resp: 195316
 Ion Ratio Lower Upper
 248 100
 250 97.1 77.1 115.7
 141 56.2 50.8 76.2

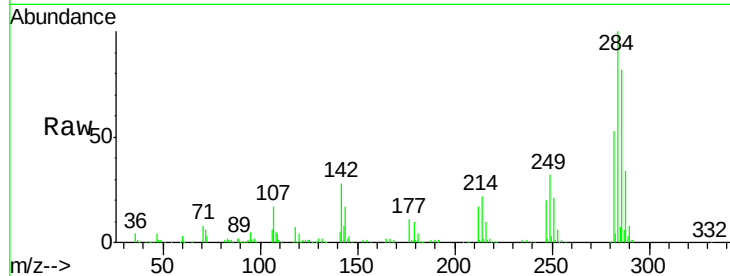




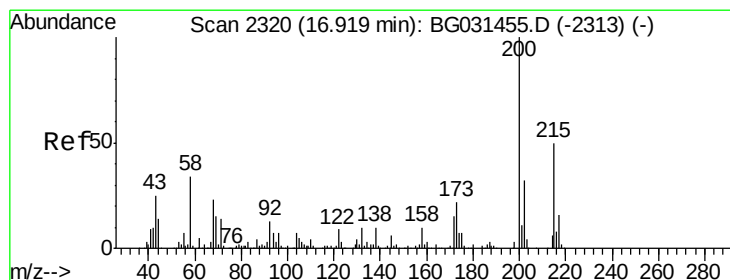
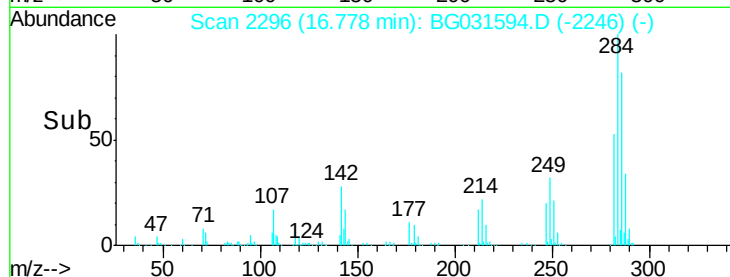
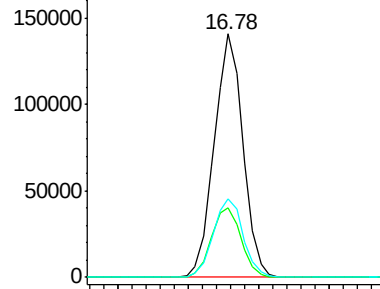
#67
Hexachlorobenzene
Concen: 35.233 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Instrument :
BNA_G
ClientSampleId :
PB105059BS

Tgt Ion:284 Resp: 200280
Ion Ratio Lower Upper
284 100
142 28.4 26.8 40.2
249 32.4 26.3 39.5

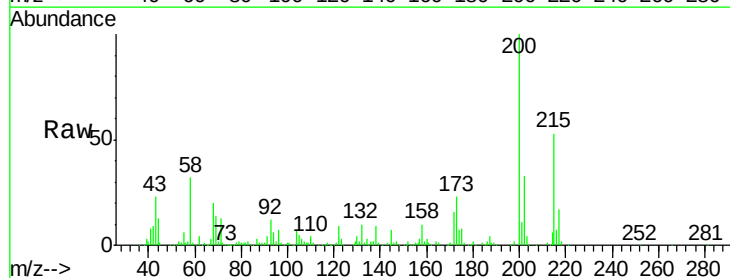


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

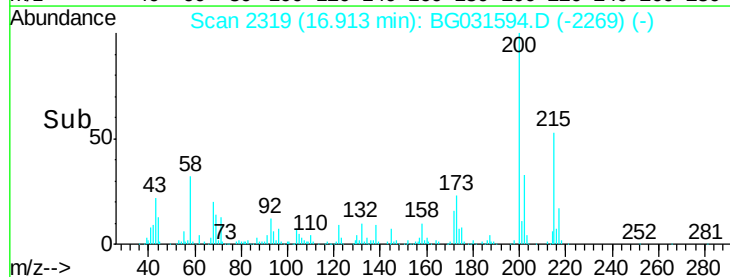
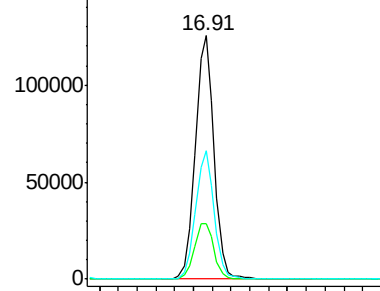


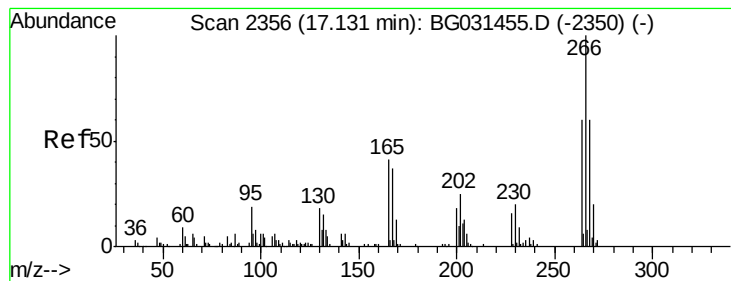
#68
Atrazine
Concen: 34.461 ng
RT: 16.91 min Scan# 2319
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion:200 Resp: 174602
Ion Ratio Lower Upper
200 100
173 23.0 5.2 45.2
215 52.5 30.4 70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

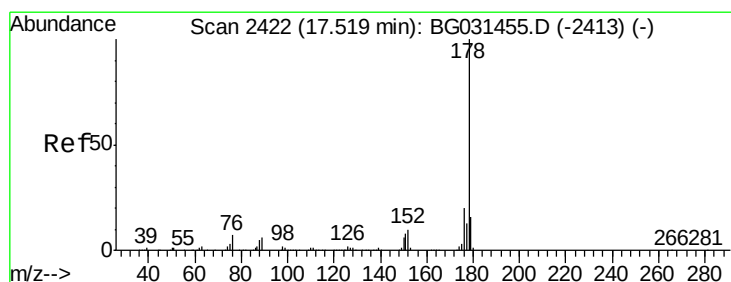
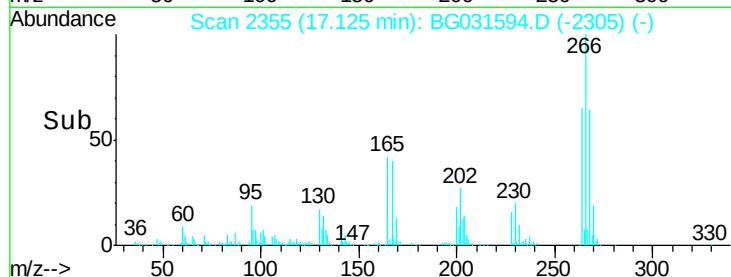
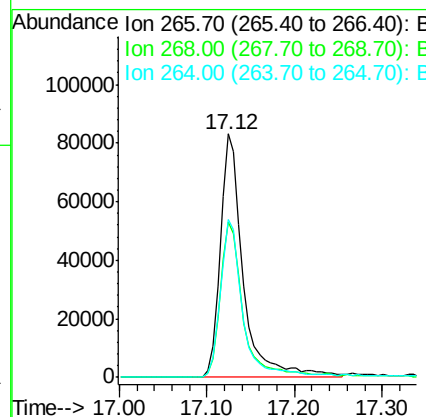
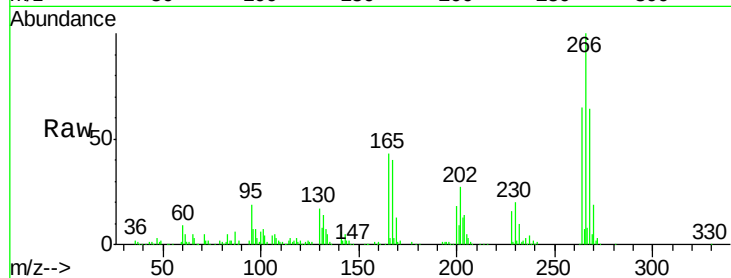




#69
 Pentachlorophenol
 Concen: 57.101 ng
 RT: 17.12 min Scan# 2355
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

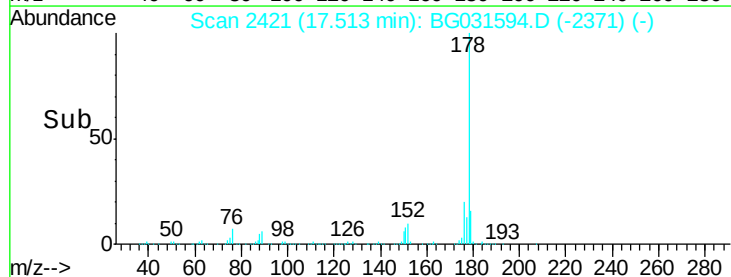
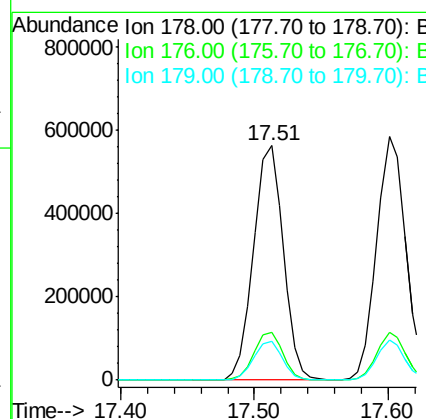
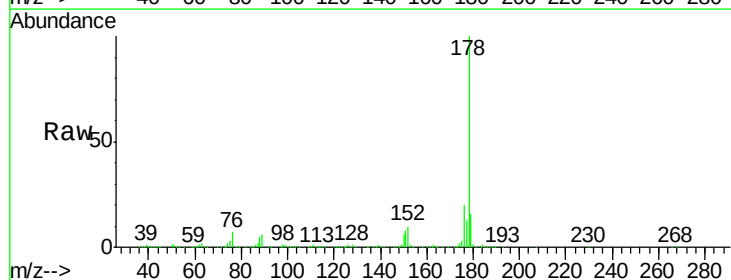
Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

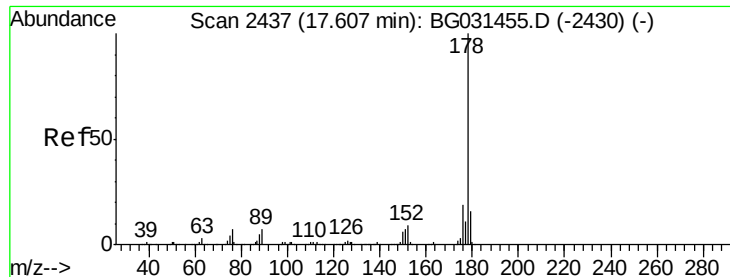
Tgt Ion: 266 Resp: 151262
 Ion Ratio Lower Upper
 266 100
 268 64.0 51.1 76.7
 264 65.0 49.6 74.4



#70
 Phenanthrene
 Concen: 34.902 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion: 178 Resp: 862935
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.7 23.5
 179 16.4 12.5 18.7

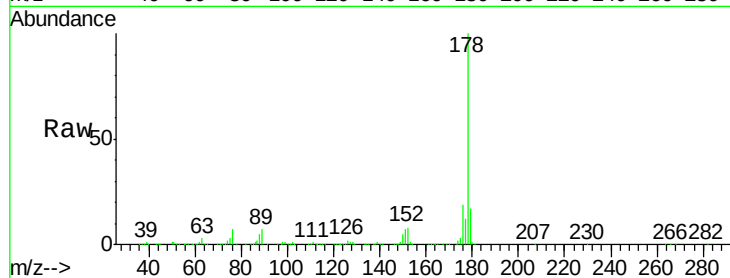




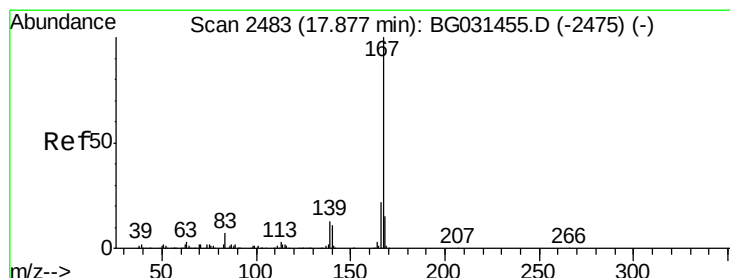
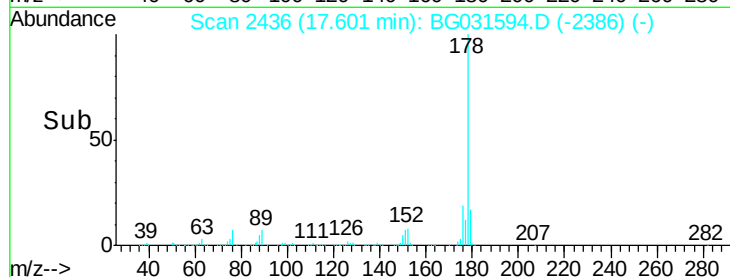
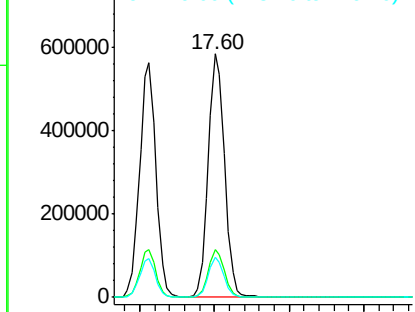
#71
 Anthracene
 Concen: 36.143 ng
 RT: 17.60 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

Tgt Ion:178 Resp: 883788
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 16.5 12.5 18.7

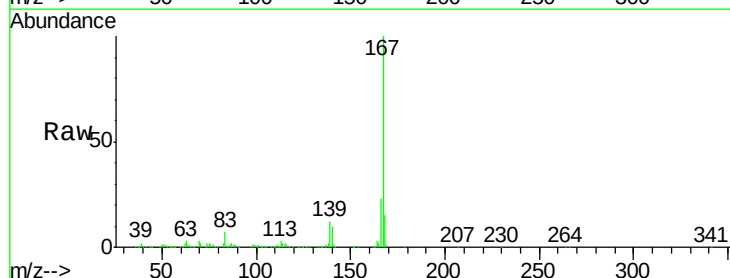


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

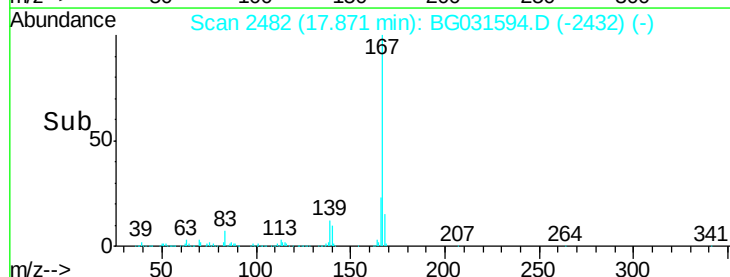
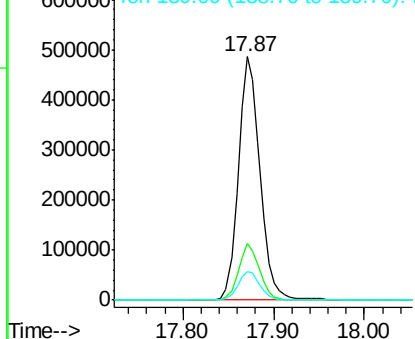


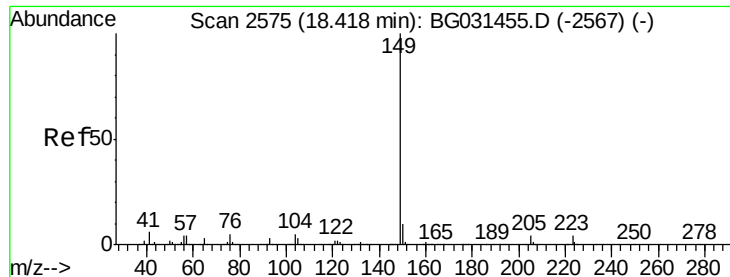
#72
 Carbazole
 Concen: 36.390 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion:167 Resp: 805250
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.4
 139 12.0 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

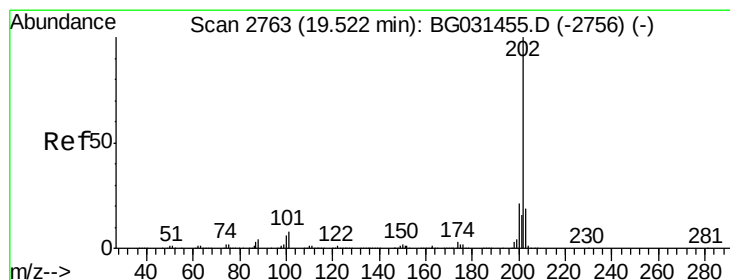
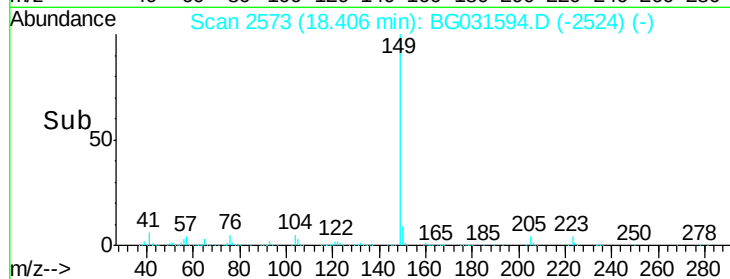
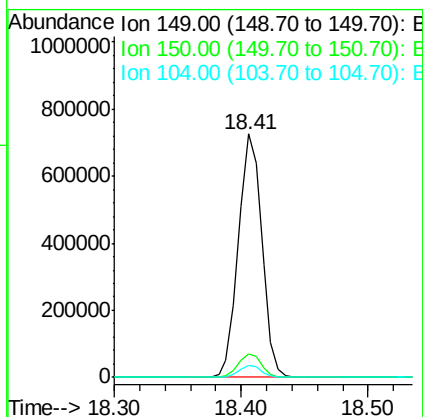
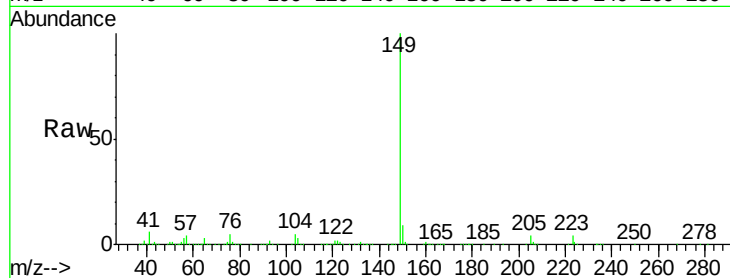




#73
Di-n-butylphthalate
Concen: 36.204 ng
RT: 18.41 min Scan# 2573
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

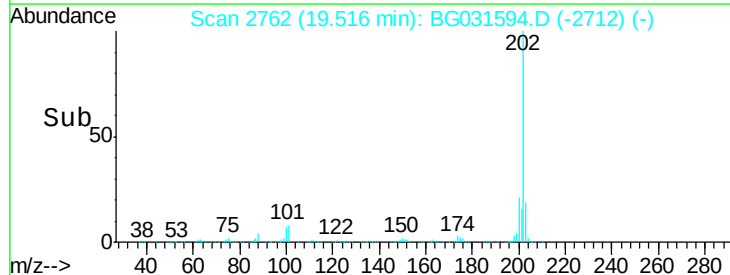
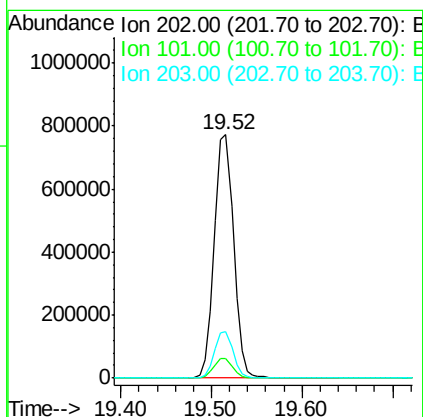
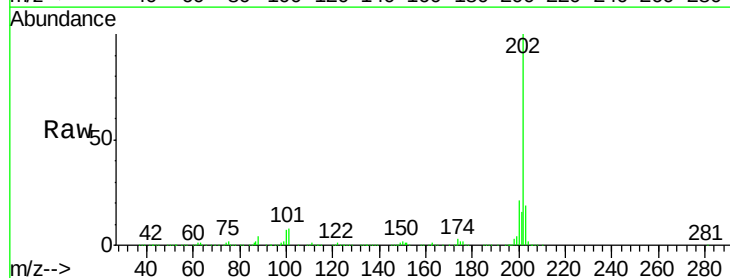
Instrument :
BNA_G
ClientSampleId :
PB105059BS

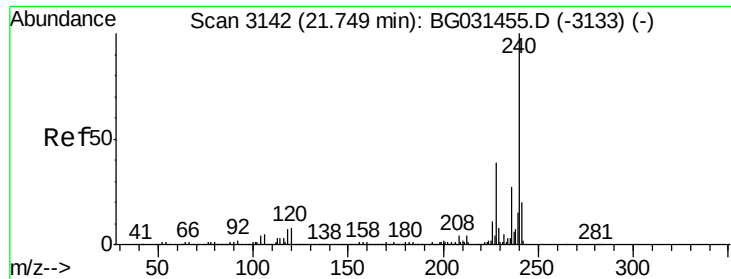
Tgt Ion:149 Resp: 925179
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.8 3.9 5.9



#74
Fluoranthene
Concen: 37.034 ng
RT: 19.52 min Scan# 2762
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion:202 Resp: 1145903
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.9
203 19.1 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

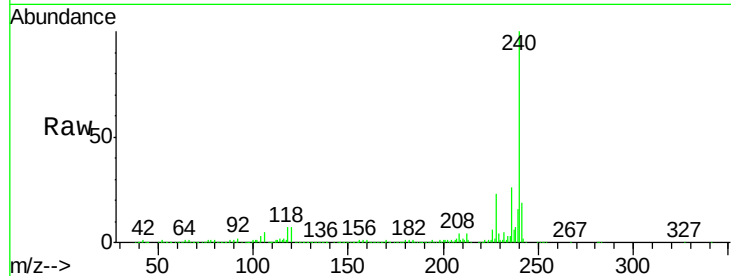
Tgt Ion:240 Resp: 546391

Ion Ratio Lower Upper

240 100

120 7.3 6.8 10.2

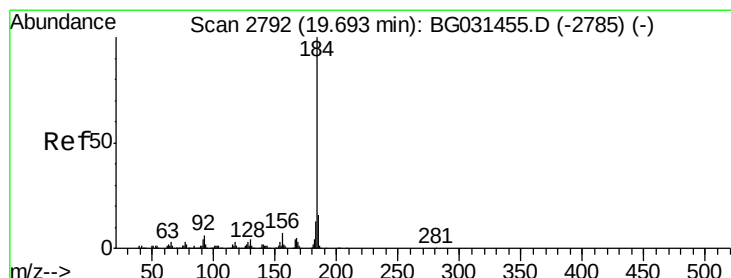
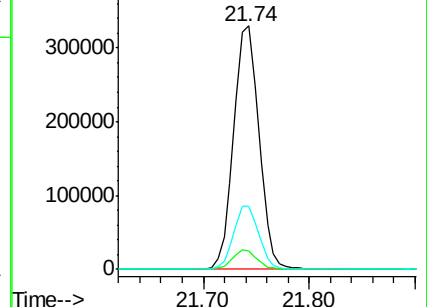
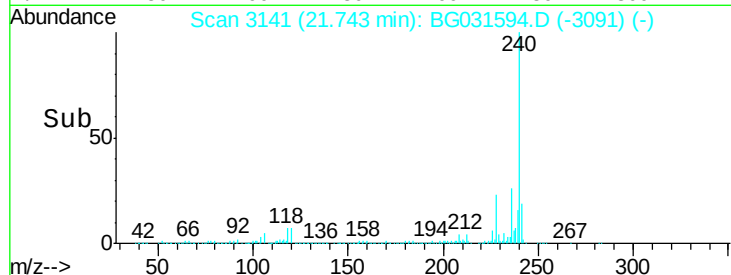
236 26.0 20.9 31.3



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: 16.553 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

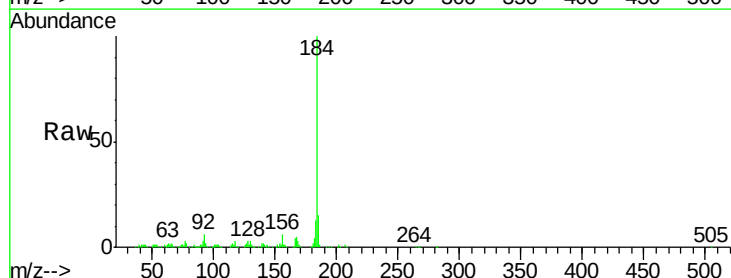
Tgt Ion:184 Resp: 210485

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

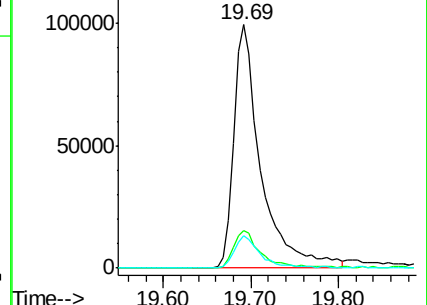
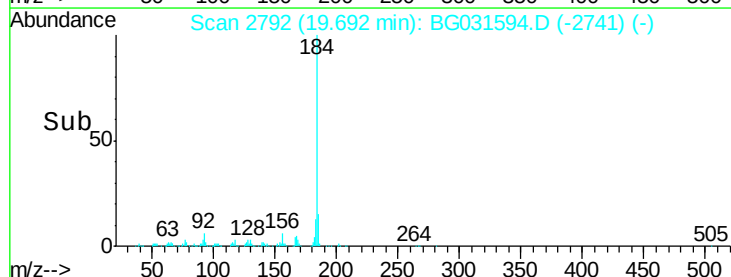
183 13.4 10.6 16.0

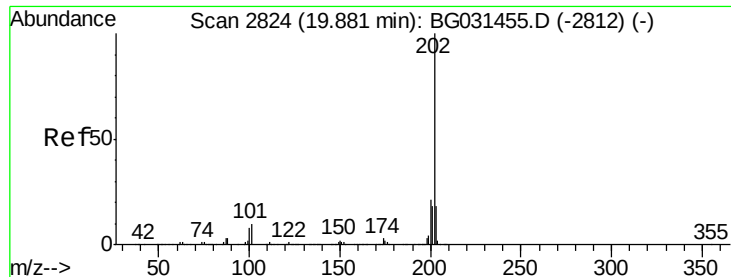


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

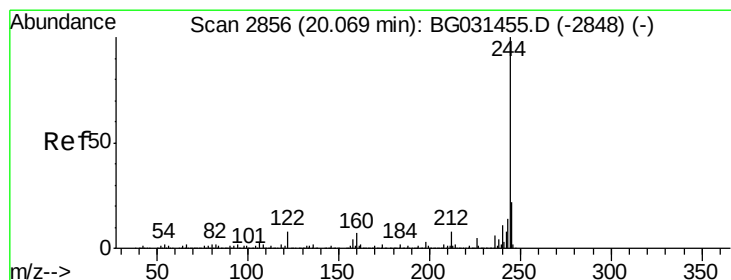
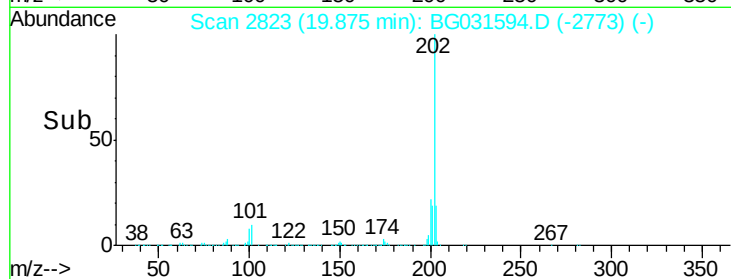
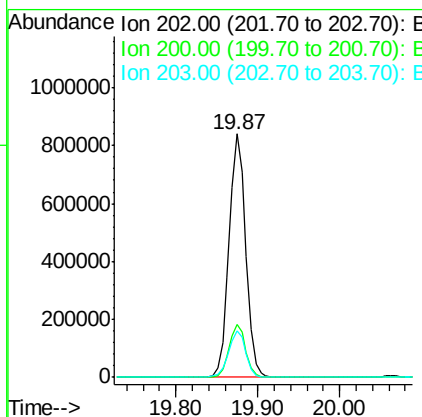
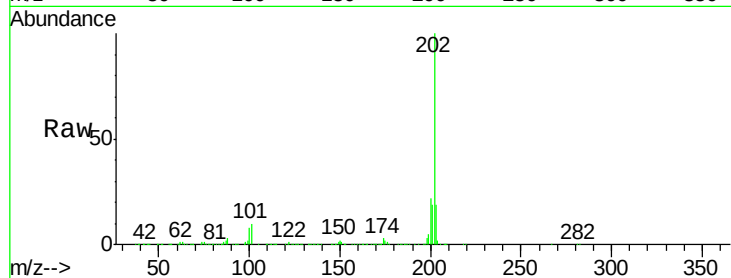




#77
 Pyrene
 Concen: 35.087 ng
 RT: 19.87 min Scan# 2823
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

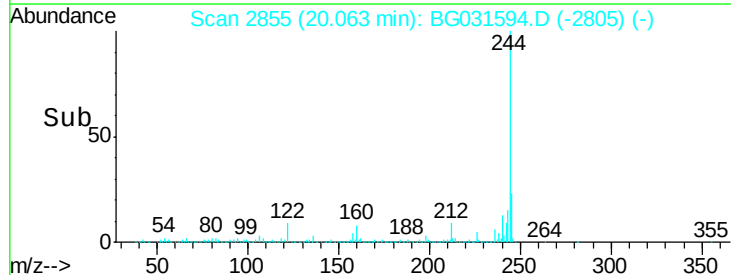
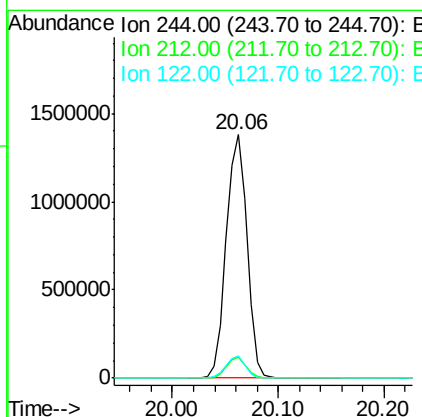
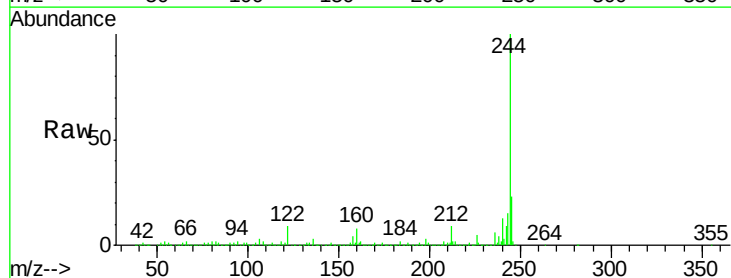
Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

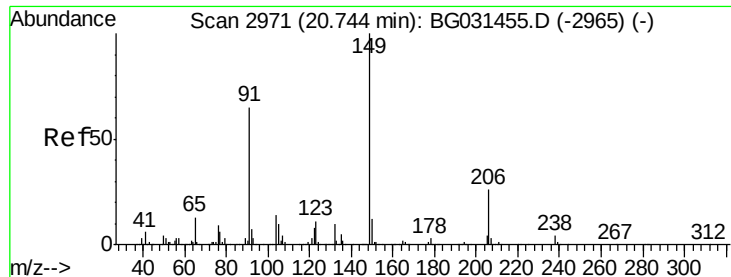
Tgt Ion:202 Resp: 1191214
 Ion Ratio Lower Upper
 202 100
 200 21.9 16.9 25.3
 203 19.0 13.9 20.9



#78
 Terphenyl-d14
 Concen: 78.038 ng
 RT: 20.06 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion:244 Resp: 1874117
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.8#
 122 8.9 7.0 10.4

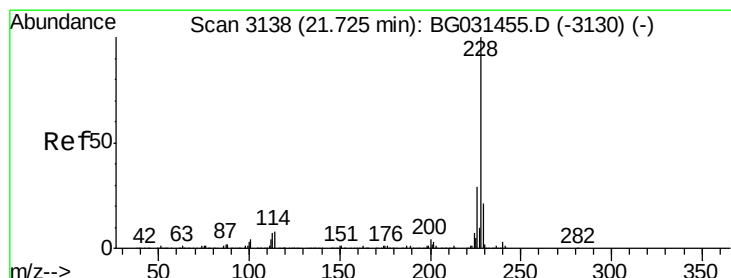
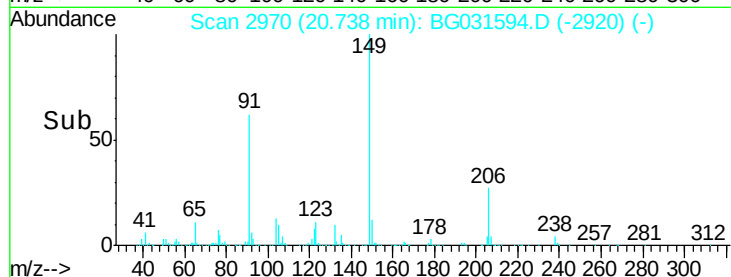
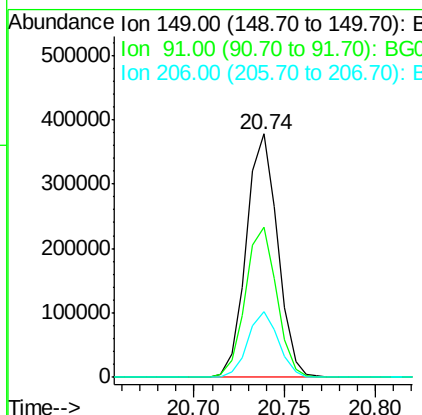
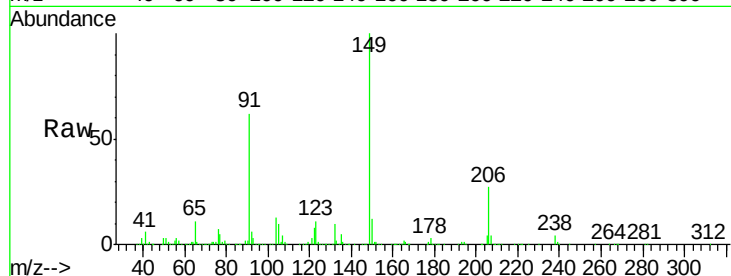




#79
Butylbenzylphthalate
Concen: 38.102 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

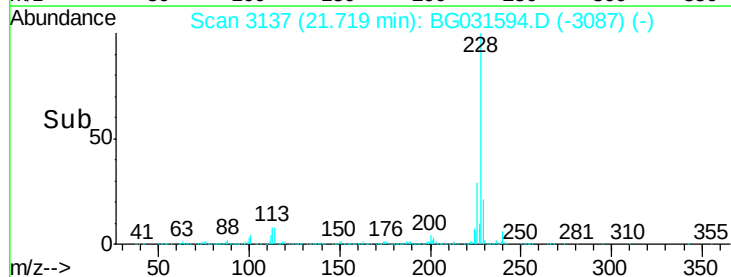
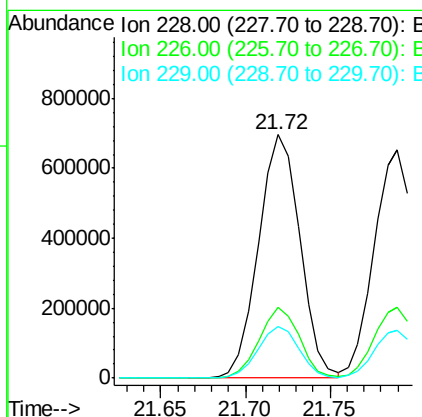
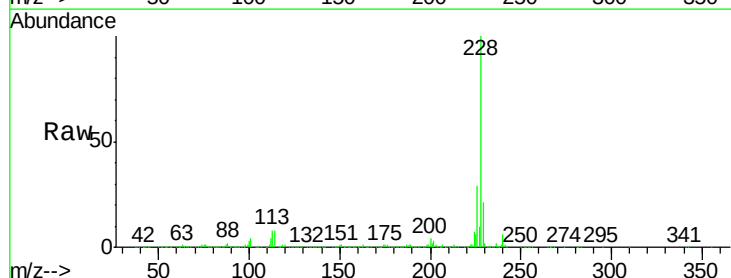
Instrument :
BNA_G
ClientSampleId :
PB105059BS

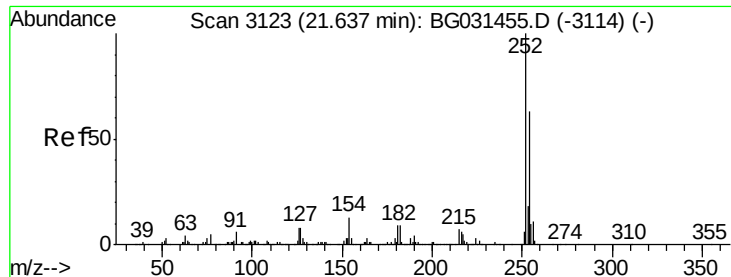
Tgt Ion:149 Resp: 453800
Ion Ratio Lower Upper
149 100
91 61.8 62.2 93.2#
206 27.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 35.771 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion:228 Resp: 1179712
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 21.0 16.2 24.2

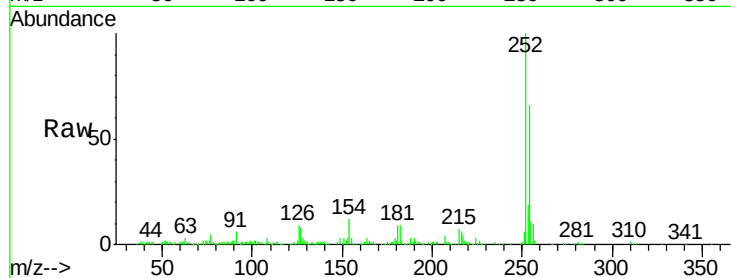




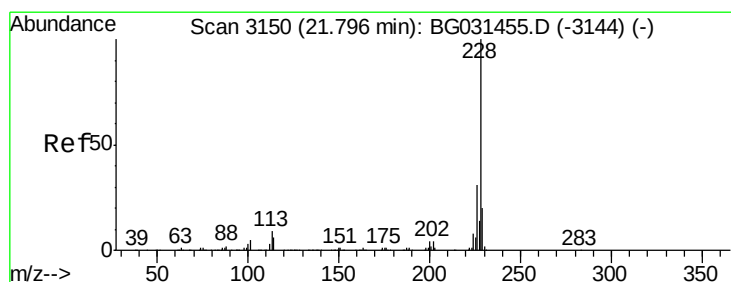
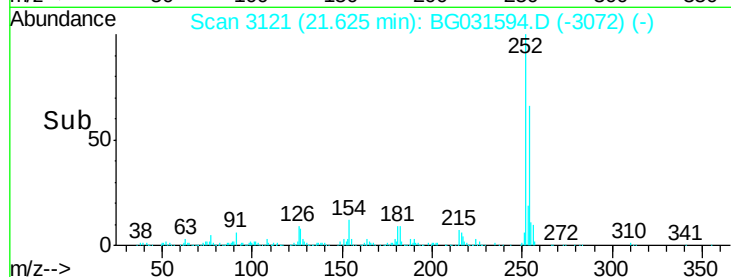
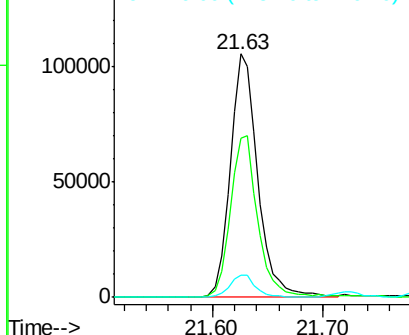
#81
 3,3'-Dichlorobenzidine
 Concen: 16.090 ng
 RT: 21.63 min Scan# 3121
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

Tgt Ion:252 Resp: 184679
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.8 76.2
 126 9.1 7.4 11.2

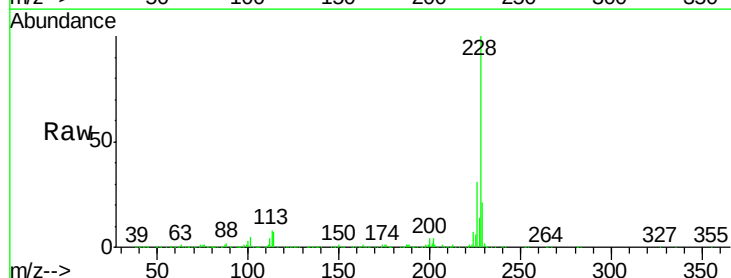


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

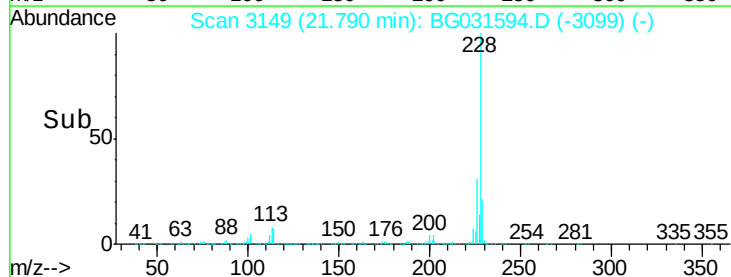
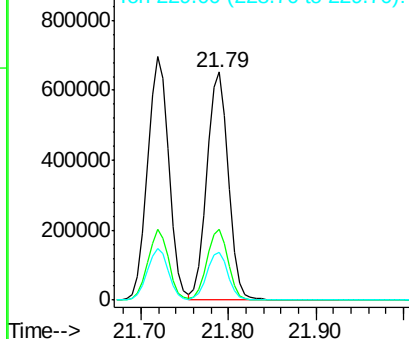


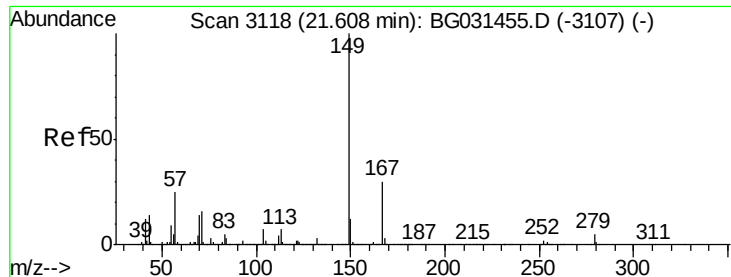
#82
 Chrysene
 Concen: 35.297 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion:228 Resp: 1115944
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 20.7 15.0 22.4



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.219 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

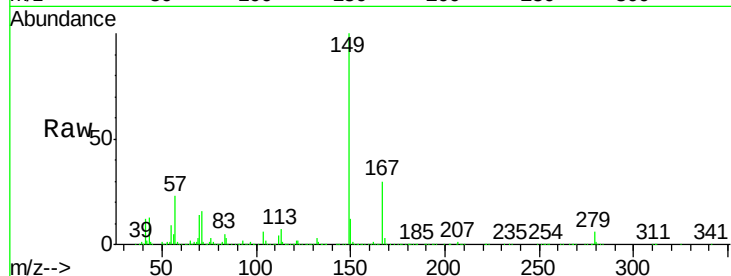
Tgt Ion:149 Resp: 620618

Ion Ratio Lower Upper

149 100

167 30.4 24.3 36.5

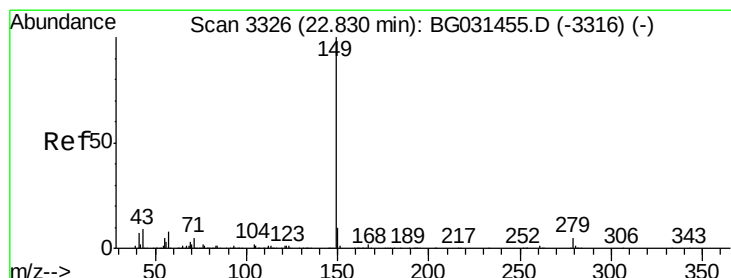
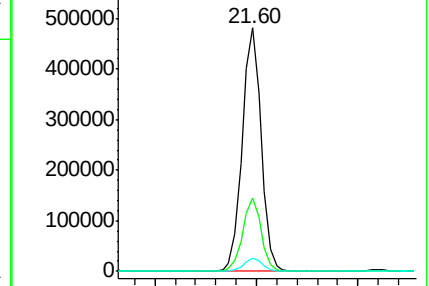
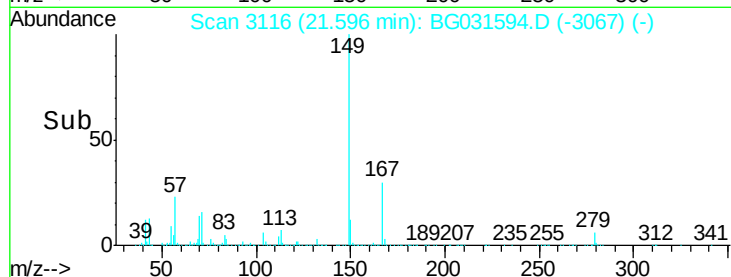
279 5.5 4.0 6.0



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: 35.094 ng

RT: 22.81 min Scan# 3323

Delta R.T. -0.02 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

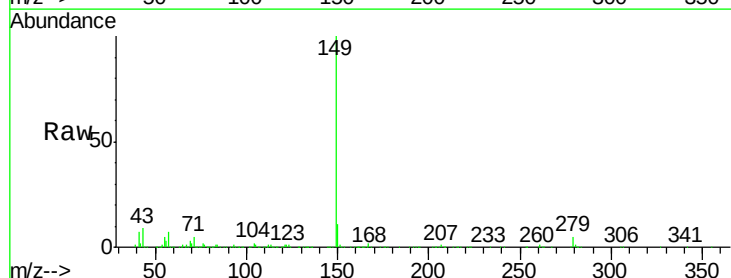
Tgt Ion:149 Resp: 991931

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

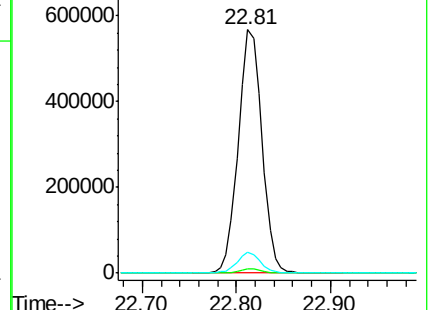
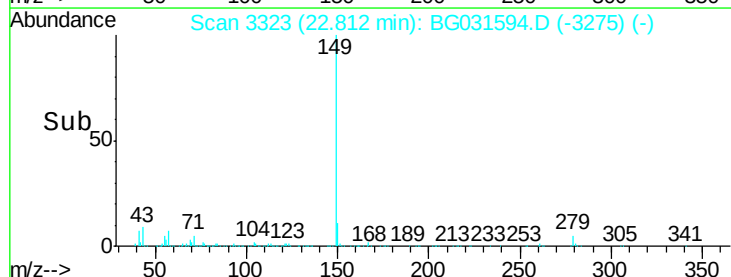
43 8.3 8.9 13.3#

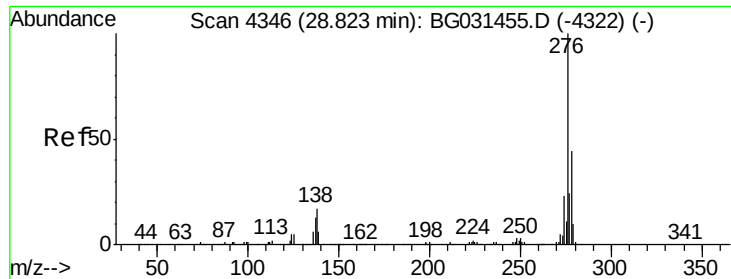


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

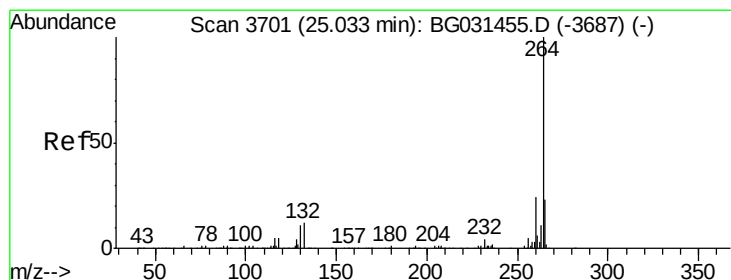
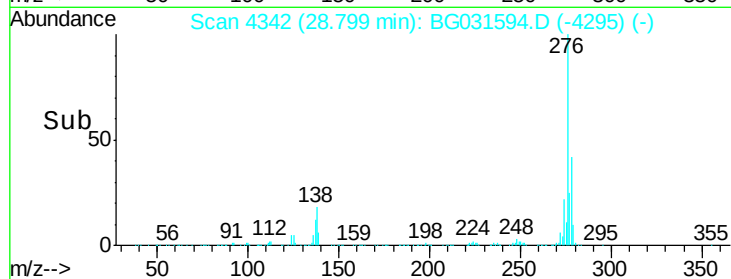
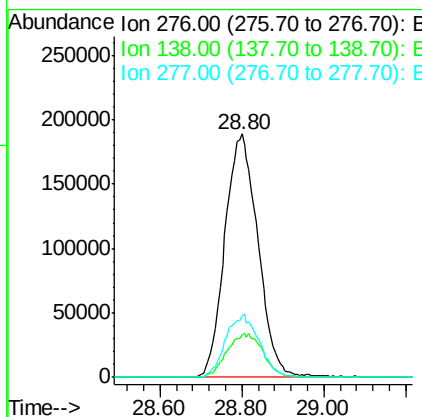
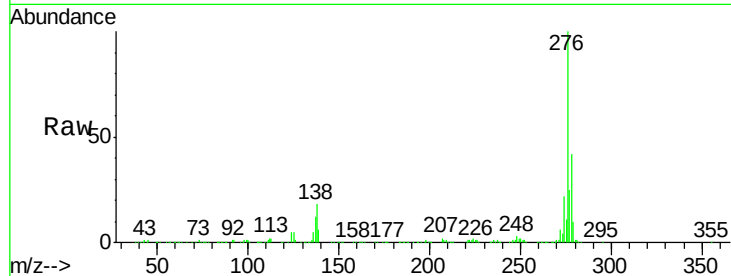




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.310 ng
 RT: 28.80 min Scan# 4342
 Delta R.T. -0.02 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

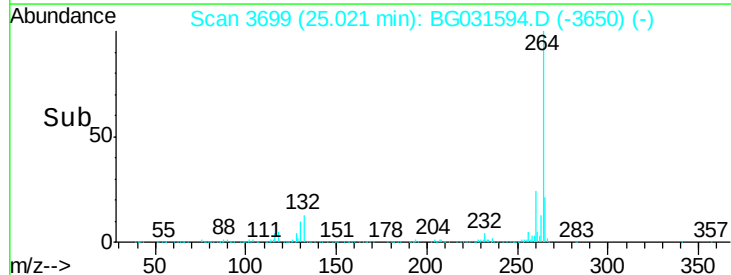
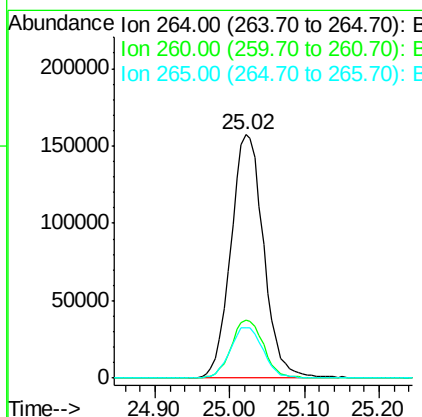
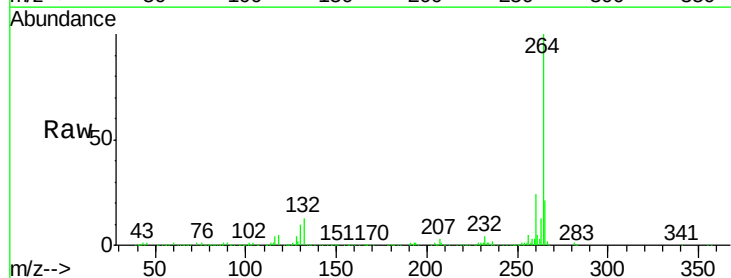
Instrument :
 BNA_G
 ClientSampleId :
 PB105059BS

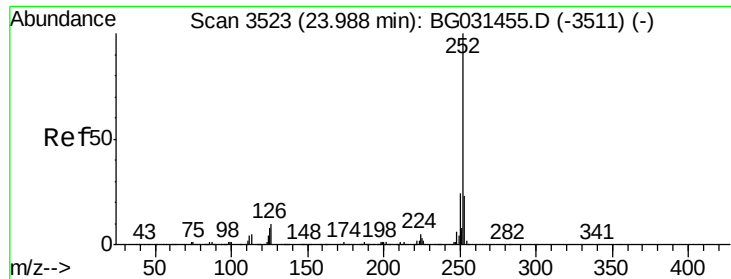
Tgt Ion:276 Resp: 1057903
 Ion Ratio Lower Upper
 276 100
 138 19.6 16.0 24.0
 277 26.1 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.02 min Scan# 3699
 Delta R.T. -0.01 min
 Lab File: BG031594.D
 Acq: 15 Dec 2017 18:58

Tgt Ion:264 Resp: 478336
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 20.5 17.7 26.5

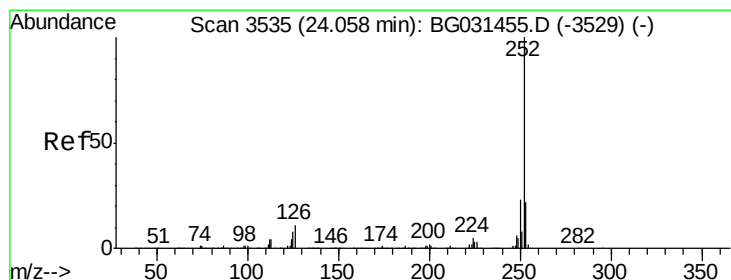
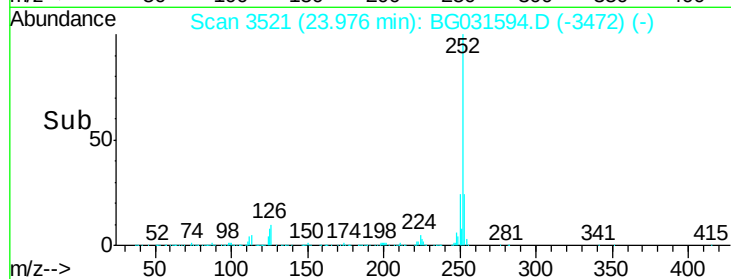
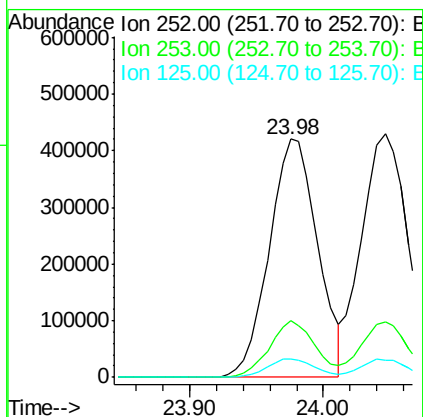
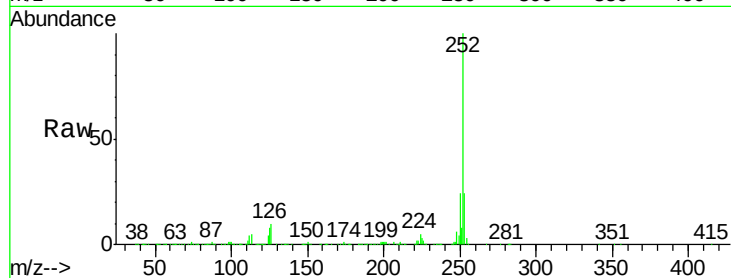




#87
Benzo(b)fluoranthene
Concen: 36.959 ng
RT: 23.98 min Scan# 3521
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

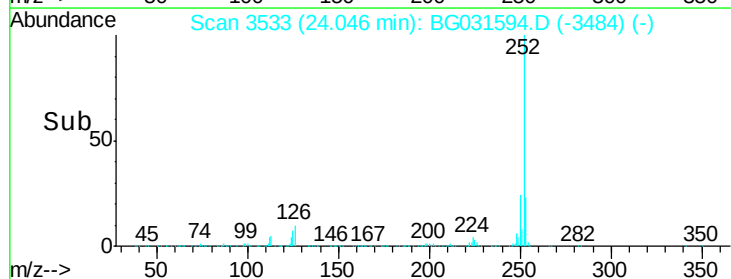
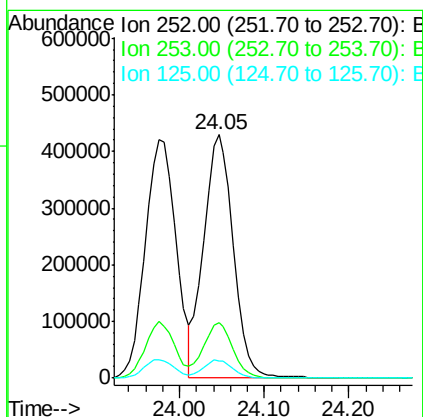
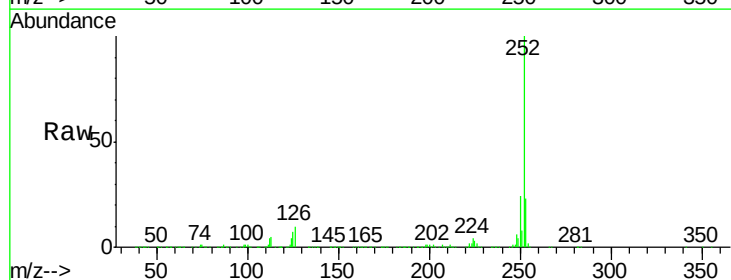
Instrument :
BNA_G
ClientSampleId :
PB105059BS

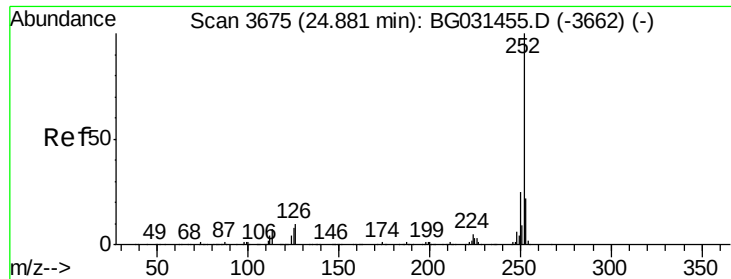
Tgt Ion:252 Resp: 1056945
Ion Ratio Lower Upper
252 100
253 23.9 18.2 27.4
125 8.0 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 35.830 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BG031594.D
Acq: 15 Dec 2017 18:58

Tgt Ion:252 Resp: 1045655
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 7.2 6.6 9.8





#89

Benzo(a)pyrene

Concen: 37.281 ng

RT: 24.87 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

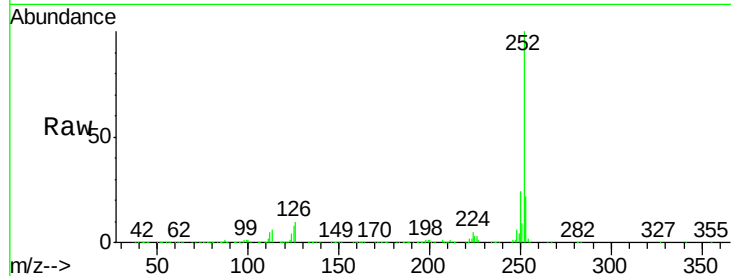
Tgt Ion:252 Resp: 1011377

Ion Ratio Lower Upper

252 100

253 21.6 18.3 27.5

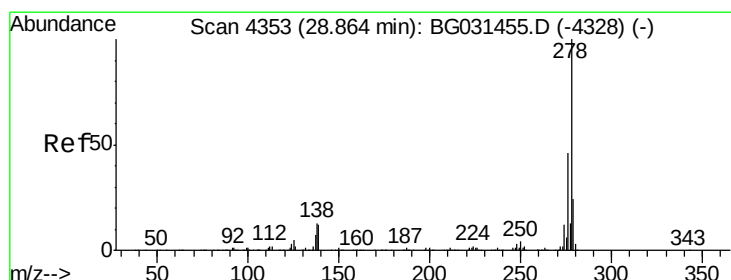
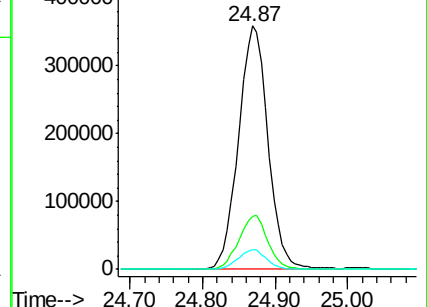
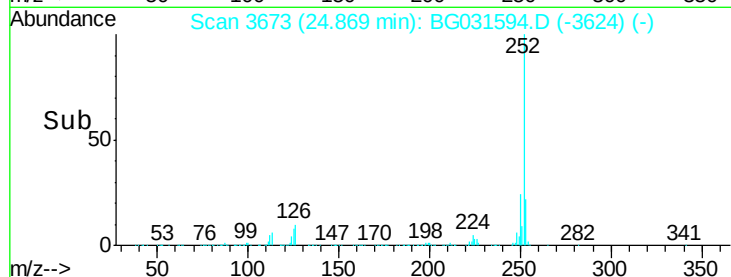
125 8.0 7.3 10.9



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: 34.354 ng

RT: 28.84 min Scan# 4349

Delta R.T. -0.02 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

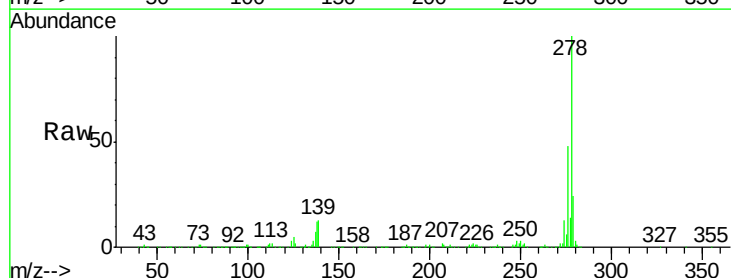
Tgt Ion:278 Resp: 891215

Ion Ratio Lower Upper

278 100

139 12.6 9.8 14.6

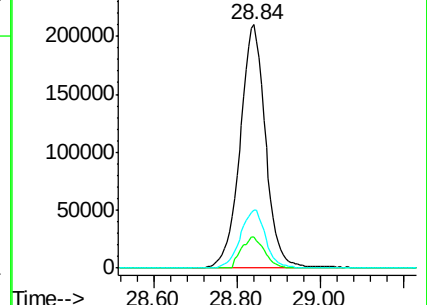
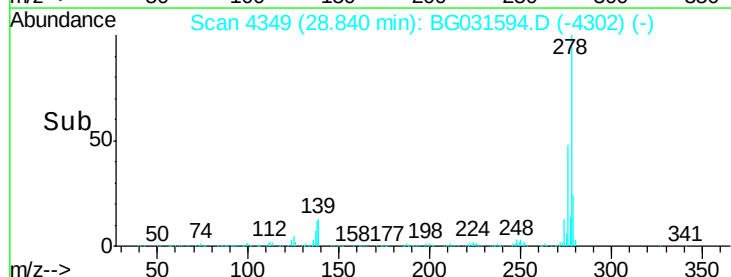
279 24.1 18.4 27.6

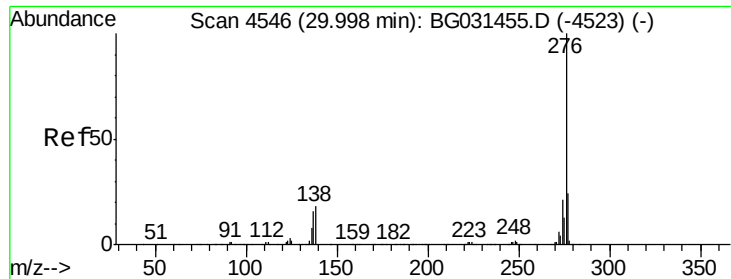


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 33.941 ng

RT: 29.97 min Scan# 4542

Delta R.T. -0.02 min

Lab File: BG031594.D

Acq: 15 Dec 2017 18:58

Instrument :

BNA_G

ClientSampleId :

PB105059BS

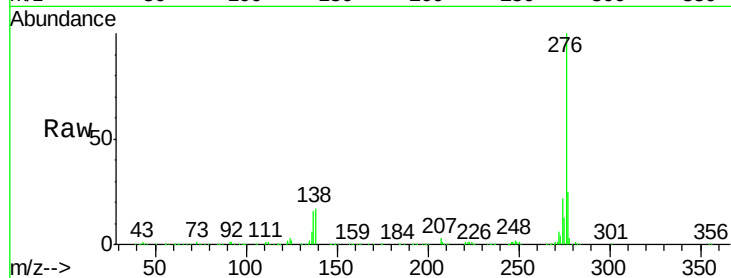
Tgt Ion: 276 Resp: 865638

Ion Ratio Lower Upper

276 100

277 25.3 18.3 27.5

138 16.6 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

