

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033946.D
 Acq On : 24 Apr 2018 8:00
 Operator : SJ/JU
 Sample : J2492-09
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 24 12:08:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	62160	20.00	ng	-0.01
21) Naphthalene-d8	10.61	136	276291	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	191144	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	504721	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	543243	20.00	ng	-0.02
86) Perylene-d12	24.53	264	567184	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	505204	129.76	ng	0.00
7) Phenol-d6	7.00	99	689378	121.39	ng	0.00
23) Nitrobenzene-d5	8.98	82	412820	85.03	ng	-0.01
41) 2,4,6-Tribromophenol	15.96	330	325872	146.13	ng	-0.01
44) 2-Fluorobiphenyl	13.08	172	1076286	82.72	ng	-0.02
78) Terphenyl-d14	19.85	244	1941689	80.30	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	52773	32.077	ng	# 88
3) Pyridine	3.79	79	149918	31.495	ng	95
4) n-Nitrosodimethylamine	3.71	42	84569	38.997	ng	# 84
6) Aniline	7.16	93	62846	8.279	ng	95
8) 2-Chlorophenol	7.40	128	180167	41.298	ng	92
9) Benzaldehyde	6.97	77	85495	25.661	ng	94
10) Phenol	7.03	94	236941	40.729	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	163280	36.697	ng	92
12) 1,3-Dichlorobenzene	7.72	146	183145	36.468	ng	99
13) 1,4-Dichlorobenzene	7.86	146	185795	36.526	ng	96
14) 1,2-Dichlorobenzene	8.18	146	176457	35.672	ng	96
15) Benzyl Alcohol	8.07	79	178350	36.017	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.35	45	284911	32.831	ng	97
17) 2-Methylphenol	8.27	107	161239	37.401	ng	98
18) Hexachloroethane	8.90	117	67122	36.112	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	152505	31.505	ng	# 95
20) 3+4-Methylphenols	8.59	107	228135	36.419	ng	97
22) Acetophenone	8.64	105	269890	35.890	ng	# 96
24) Nitrobenzene	9.02	77	209516	39.603	ng	96
25) Isophorone	9.54	82	410488	37.607	ng	96
26) 2-Nitrophenol	9.73	139	98871	47.299	ng	93
27) 2,4-Dimethylphenol	9.79	122	191030	48.858	ng	92
28) bis(2-Chloroethoxy)methane	10.03	93	242229	41.990	ng	96
29) 2,4-Dichlorophenol	10.26	162	204457	46.908	ng	96
30) 1,2,4-Trichlorobenzene	10.47	180	192070	39.344	ng	95
31) Naphthalene	10.66	128	549556	38.679	ng	99
32) Benzoic acid	9.92	122	10471	7.486	ng	# 74
33) 4-Chloroaniline	10.77	127	58293	8.729	ng	96
34) Hexachlorobutadiene	10.95	225	118861	40.700	ng	93
35) Caprolactam	11.54	113	83834	45.239	ng	# 80
36) 4-Chloro-3-methylphenol	11.90	107	228182	42.893	ng	91
37) 2-Methylnaphthalene	12.27	142	426304	39.190	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	246408	38.822	ng	98
40) Hexachlorocyclopentadiene	12.63	237	293447	84.084	ng	92

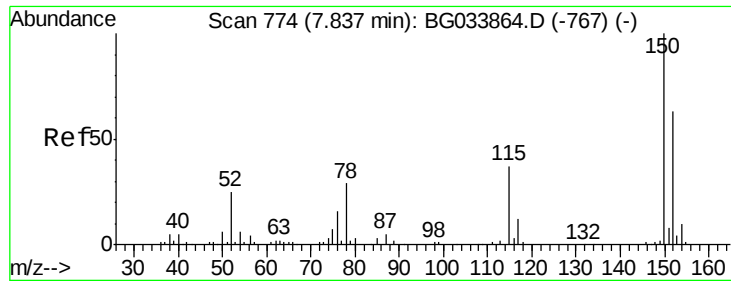
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033946.D
 Acq On : 24 Apr 2018 8:00
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 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	180059	46.528	nq	94
43) 2,4,5-Trichlorophenol	12.95	196	201210	45.226	nq	97
45) 1,1'-Biphenyl	13.29	154	591110	38.203	nq	99
46) 2-Chloronaphthalene	13.33	162	453240	38.632	nq	99
47) 2-Nitroaniline	13.54	65	160205	43.734	nq	89
48) Acenaphthylene	14.18	152	733288	37.601	nq	98
49) Dimethylphthalate	13.92	163	641790	38.170	nq	99
50) 2,6-Dinitrotoluene	14.04	165	140375	44.054	nq	92
51) Acenaphthene	14.52	154	455945	37.217	nq	97
52) 3-Nitroaniline	14.36	138	34490	9.968	nq #	83
53) 2,4-Dinitrophenol	14.57	184	14432	12.665	nq #	44
54) Dibenzofuran	14.86	168	728623	40.116	nq	96
55) 4-Nitrophenol	14.67	139	242418	89.335	nq	88
56) 2,4-Dinitrotoluene	14.83	165	203328	47.986	nq #	80
57) Fluorene	15.51	166	616010	39.193	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.09	232	200009	49.100	nq	97
59) Diethylphthalate	15.30	149	675634	38.016	nq	99
60) 4-Chlorophenyl-phenylether	15.51	204	332774	40.479	nq	97
61) 4-Nitroaniline	15.53	138	164826	44.867	nq	93
62) Azobenzene	15.80	77	598939	37.806	nq	98
64) 4,6-Dinitro-2-methylphenol	15.59	198	25577	15.590	nq	91
65) n-Nitrosodiphenylamine	15.73	169	553592	37.727	nq	99
66) 4-Bromophenyl-phenylether	16.41	248	216284	39.020	nq	96
67) Hexachlorobenzene	16.51	284	225616	38.167	nq #	73
68) Atrazine	16.69	200	248832	43.286	nq	99
69) Pentachlorophenol	16.86	266	209838	51.679	nq	95
70) Phenanthrene	17.25	178	1049104	38.746	nq	98
71) Anthracene	17.34	178	1085227	40.079	nq	99
72) Carbazole	17.61	167	1012175	38.747	nq	96
73) Di-n-butylphthalate	18.20	149	1226914	37.754	nq	99
74) Fluoranthene	19.28	202	1312145	40.062	nq	96
76) Benzidine	19.46	184	215199	14.670	nq	97
77) Pyrene	19.63	202	1321574	37.090	nq	95
79) Butylbenzylphthalate	20.55	149	571095	36.498	nq	93
80) Benzo(a)anthracene	21.45	228	1335857	38.997	nq	97
81) 3,3'-Dichlorobenzidine	21.37	252	224916	17.609	nq	96
82) Chrysene	21.51	228	1242466	37.982	nq	96
83) Bis(2-ethylhexyl)phthalate	21.40	149	814375	36.852	nq	98
84) Di-n-octyl phthalate	22.57	149	1399405	39.897	nq	99
85) Indeno(1,2,3-cd)pyrene	28.00	276	1536735	41.270	nq #	92
87) Benzo(b)fluoranthene	23.57	252	1352955	39.101	nq	99
88) Benzo(k)fluoranthene	23.63	252	1324228	38.528	nq	97
89) Benzo(a)pyrene	24.39	252	1325338	39.994	nq	100
90) Dibenzo(a,h)anthracene	28.06	278	1276812	39.819	nq	97
91) Benzo(g,h,i)perylene	29.06	276	1268541	40.205	nq	99

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

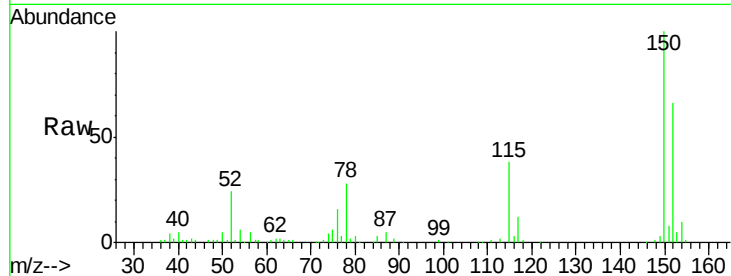


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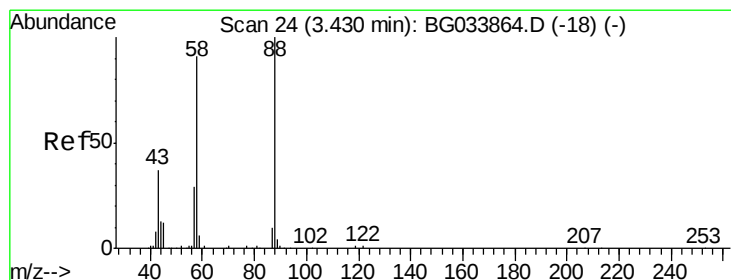
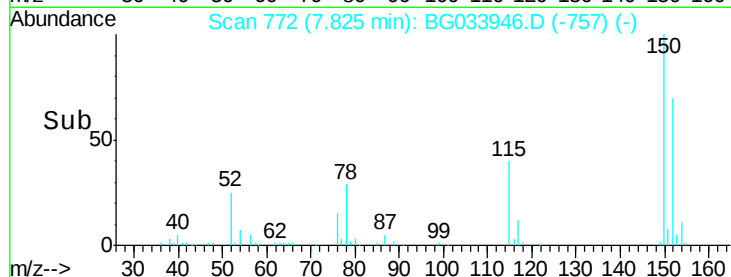
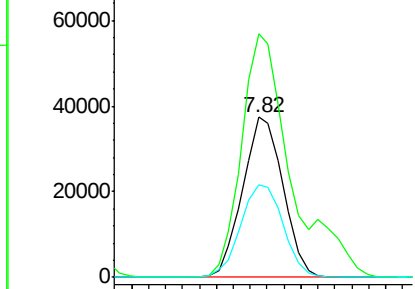
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.82 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 62160
 Ion Ratio Lower Upper
 152 100
 150 152.0 126.6 189.8
 115 58.0 53.0 79.4



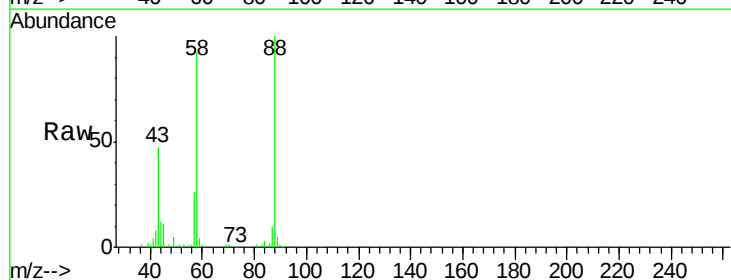
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



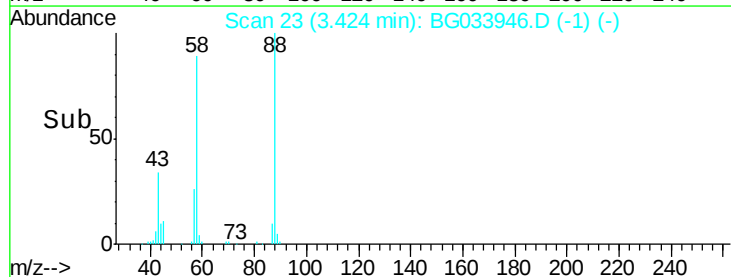
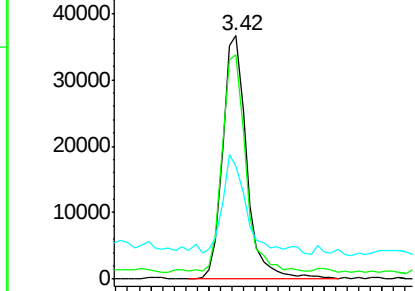
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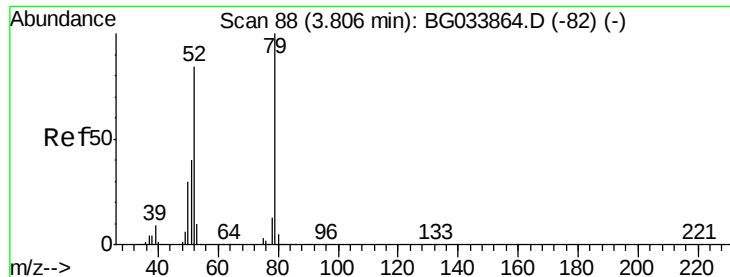
1,4-Dioxane
 Concen: 32.077 ng
 RT: 3.42 min Scan# 23
 Delta R.T. -0.01 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion: 88 Resp: 52773
 Ion Ratio Lower Upper
 88 100
 58 87.7 79.6 119.4
 43 41.4 27.4 41.0#



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





#3

Pvridine

Concen: 31.495 ng

RT: 3.79 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

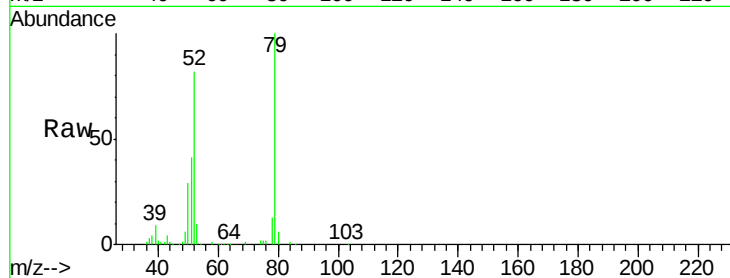
Tot Ion: 79 Resp: 149918

Ion Ratio Lower Upper

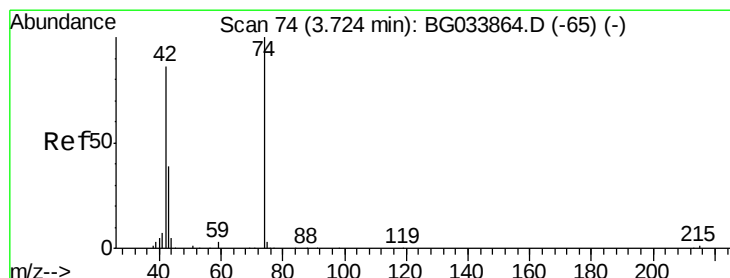
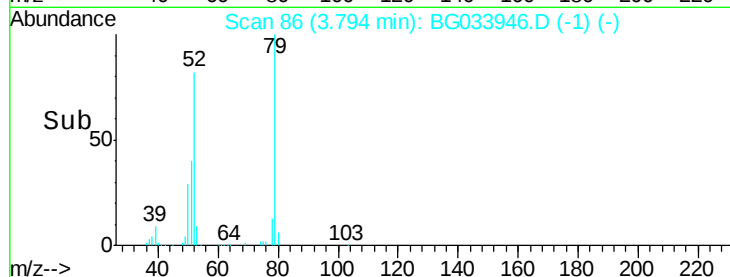
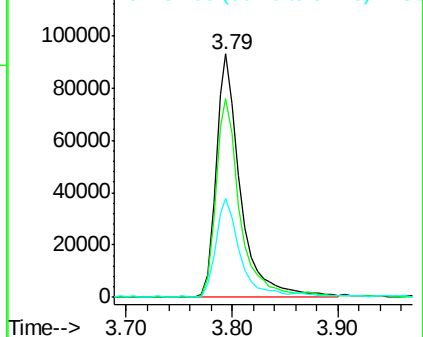
79 100

52 81.8 69.9 104.9

51 40.9 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 38.997 ng

RT: 3.71 min Scan# 72

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

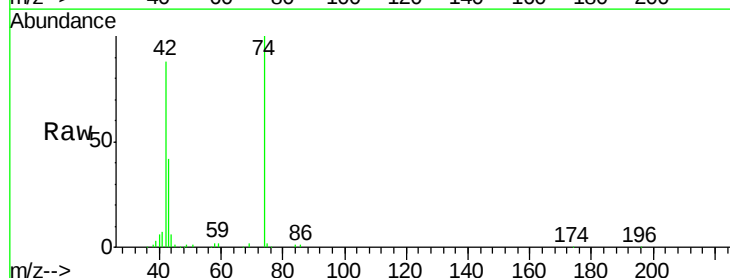
Tgt Ion: 42 Resp: 84569

Ion Ratio Lower Upper

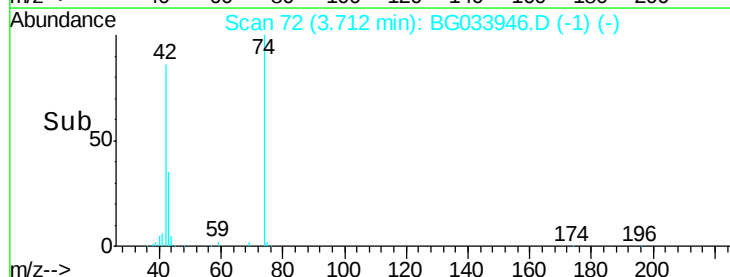
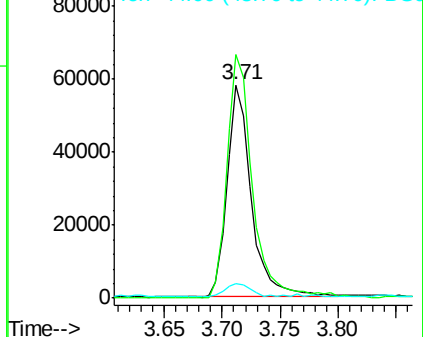
42 100

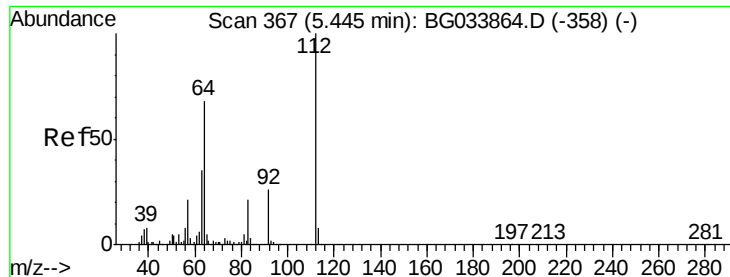
74 114.2 102.5 153.7

44 6.7 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 129.758 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

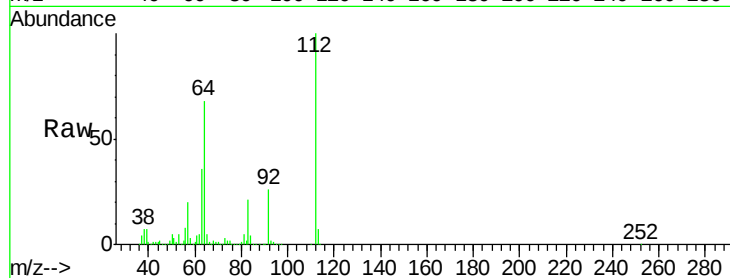
Tot Ion:112 Resp: 505204

Ion Ratio Lower Upper

112 100

64 67.9 56.3 84.5

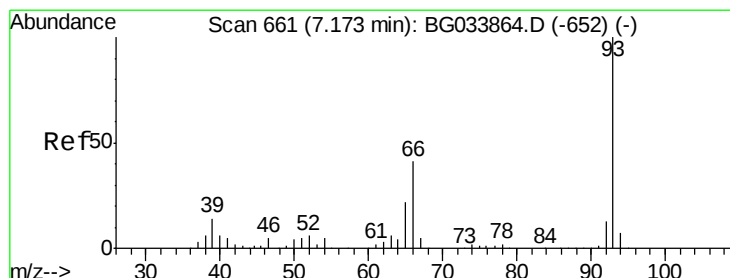
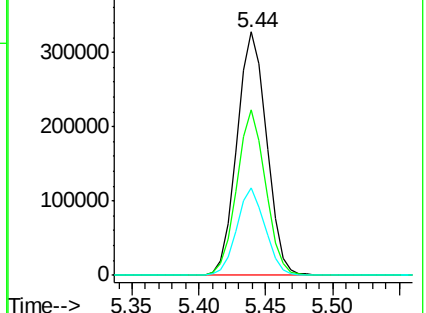
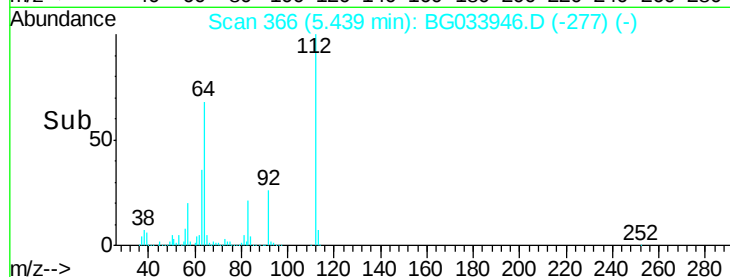
63 36.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 8.279 ng

RT: 7.16 min Scan# 659

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

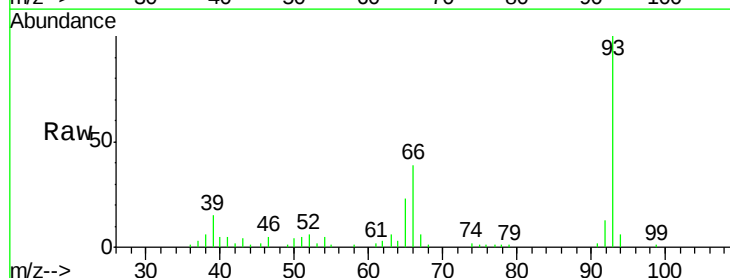
Tgt Ion: 93 Resp: 62846

Ion Ratio Lower Upper

93 100

66 39.5 33.7 50.5

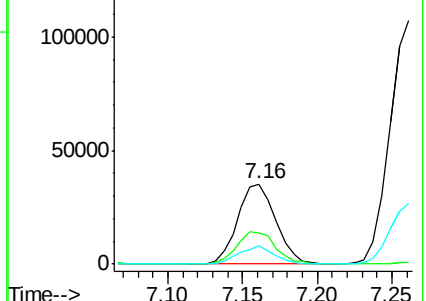
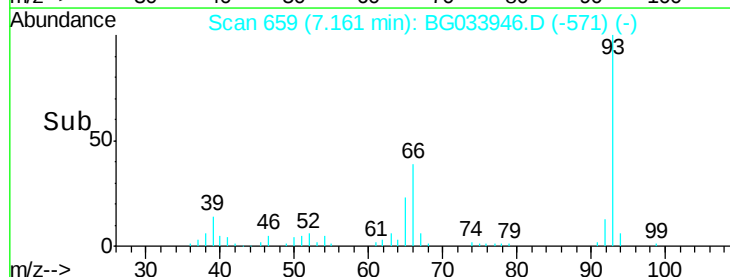
65 23.1 16.1 24.1

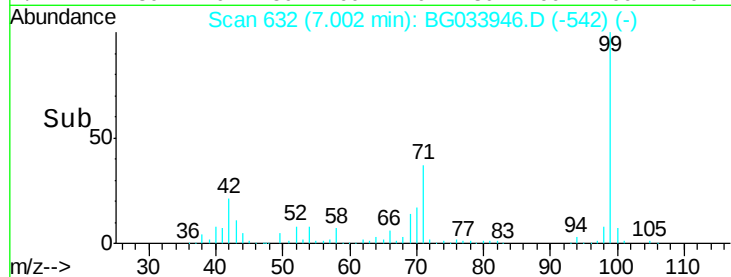
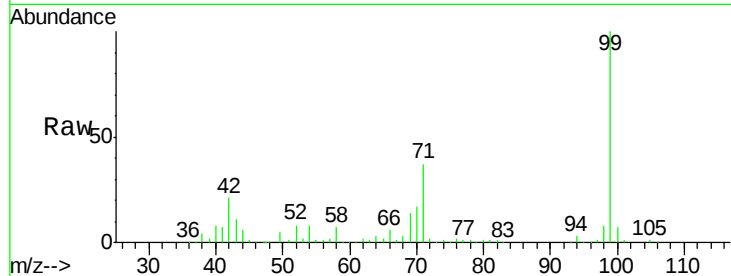
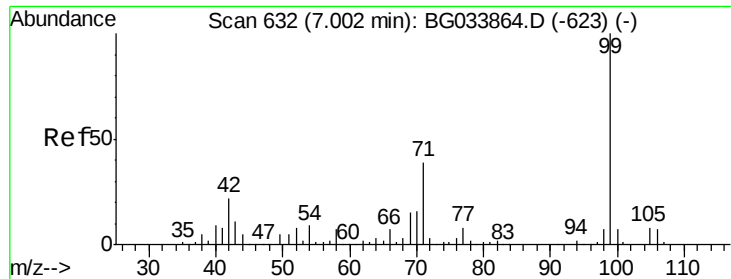


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.395 ng

RT: 7.00 min Scan# 632

Delta R.T. 0.00 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

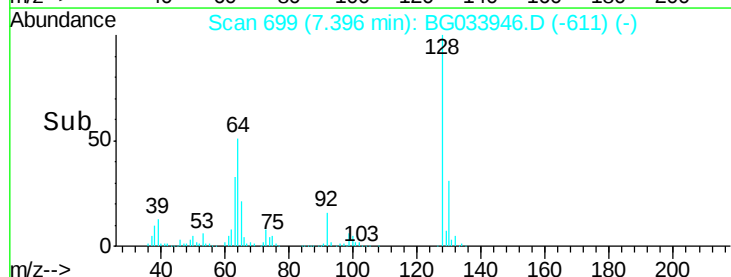
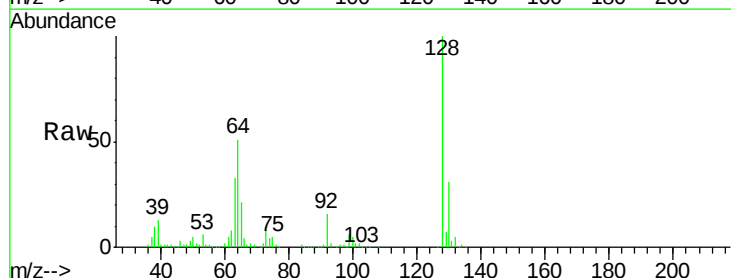
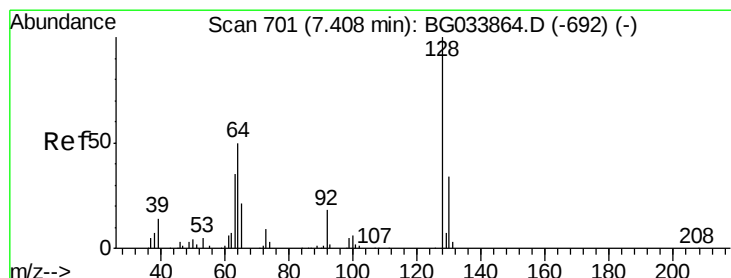
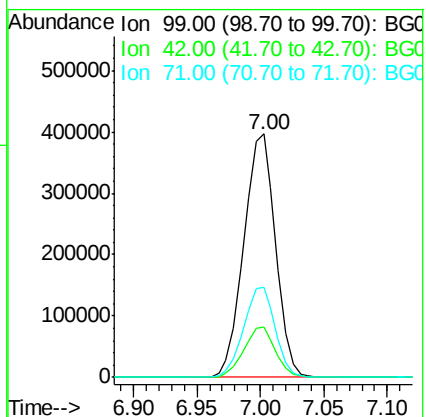
Tot Ion: 99 Resp: 689378

Ion Ratio Lower Upper

99 100

42 20.8 14.1 21.1

71 36.8 26.1 39.1



#8

2-Chlorophenol

Concen: 41.298 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

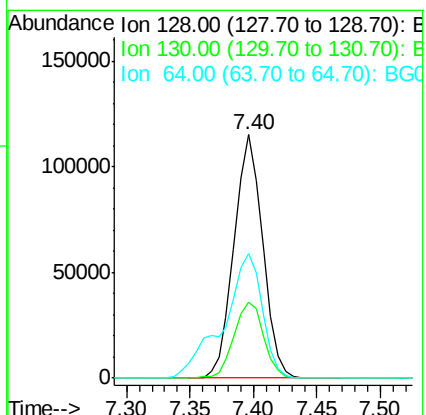
Tgt Ion:128 Resp: 180167

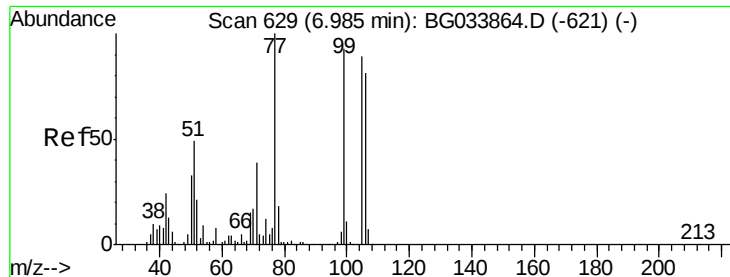
Ion Ratio Lower Upper

128 100

130 31.2 14.0 54.0

64 51.0 37.7 77.7





#9

Benzaldehyde

Concen: 25.661 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

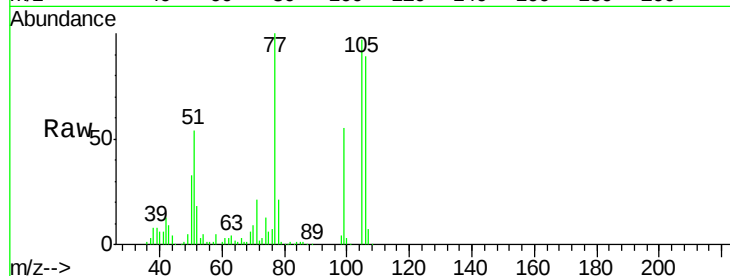
Tot Ion: 77 Resp: 85495

Ion Ratio Lower Upper

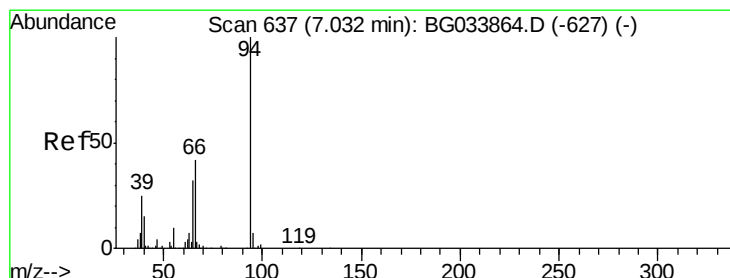
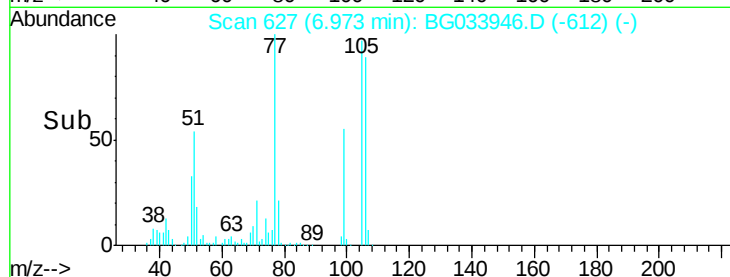
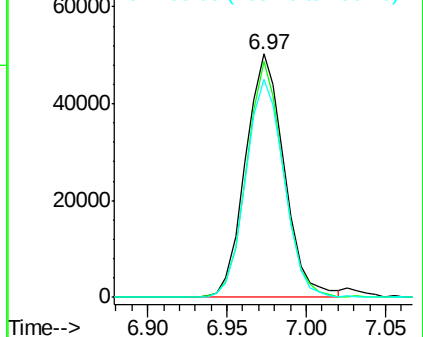
77 100

105 96.9 71.3 111.3

106 89.5 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.729 ng

RT: 7.03 min Scan# 636

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

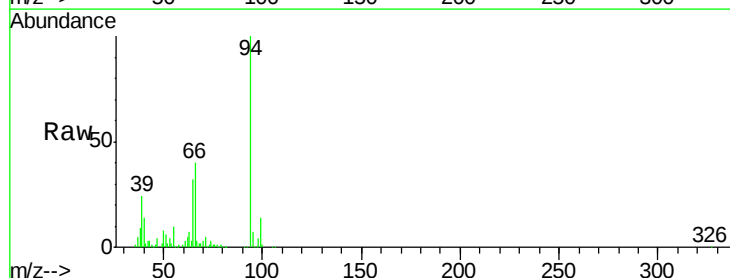
Tgt Ion: 94 Resp: 236941

Ion Ratio Lower Upper

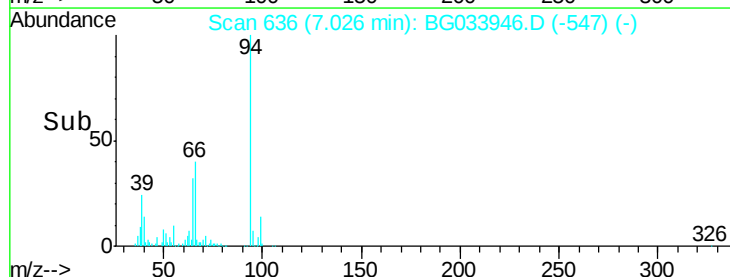
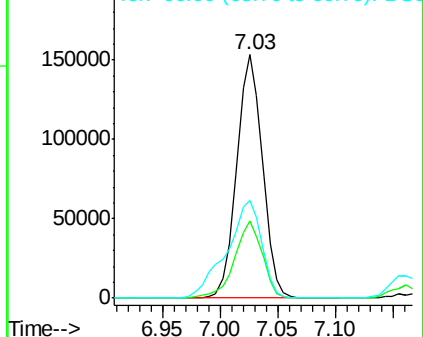
94 100

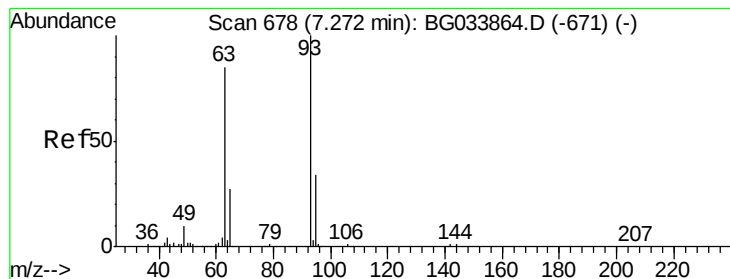
65 31.6 11.9 51.9

66 40.1 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

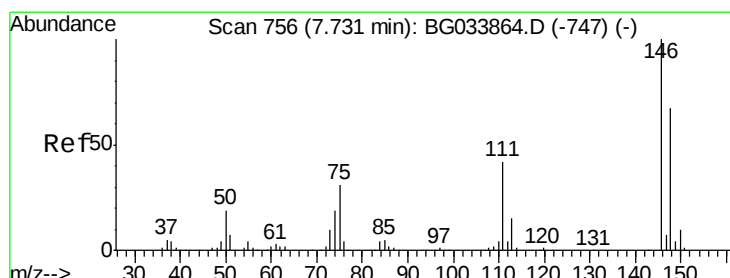
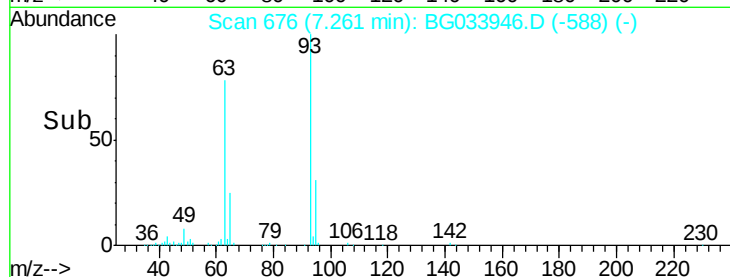
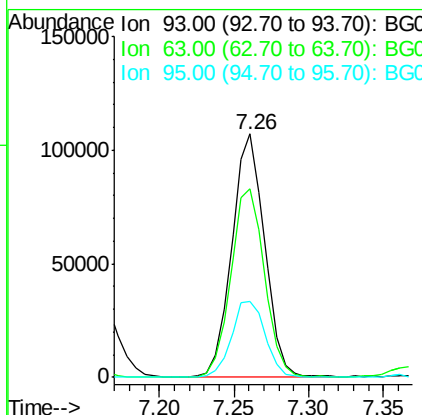
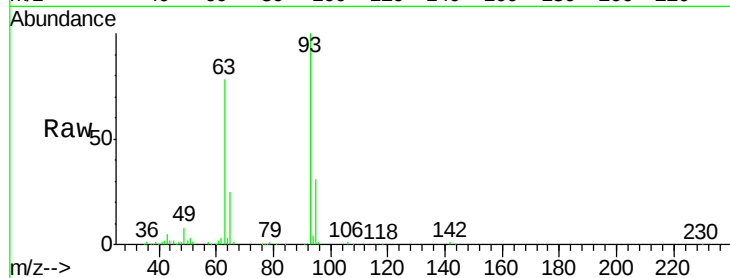




#11
bis(2-Chloroethyl)ether
Concen: 36.697 ng
RT: 7.26 min Scan# 676
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

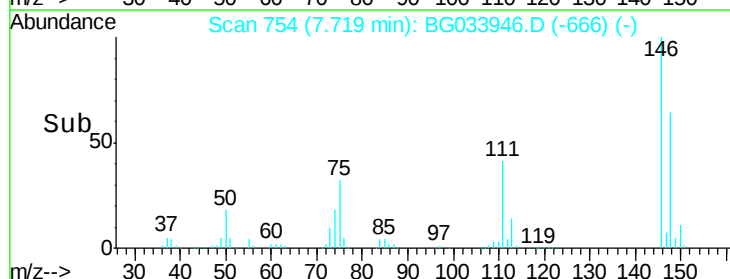
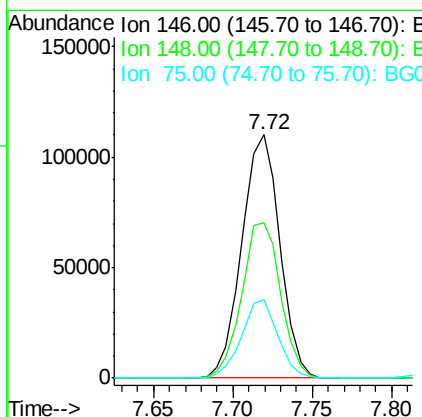
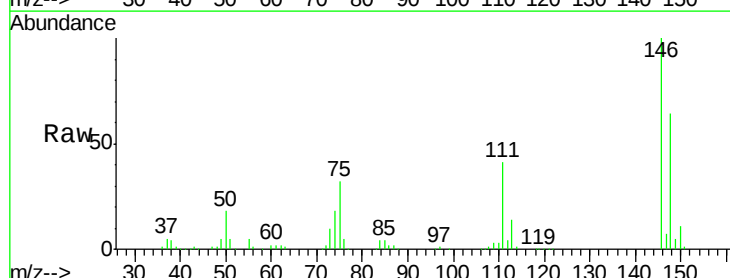
Instrument :
BNA_G
ClientSampleId :

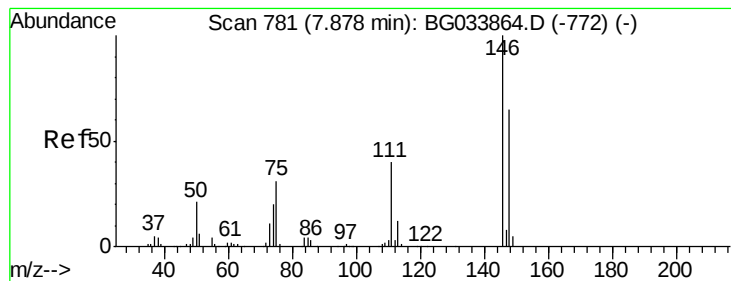
Tot Ion: 93 Resp: 163280
Ion Ratio Lower Upper
93 100
63 77.5 67.1 107.1
95 31.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 36.468 ng
RT: 7.72 min Scan# 754
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion: 146 Resp: 183145
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
75 32.1 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 36.526 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampled :

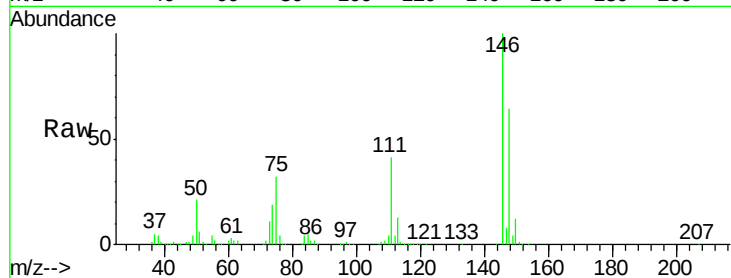
Tot Ion:146 Resp: 185795

Ion Ratio Lower Upper

146 100

148 63.8 53.7 80.5

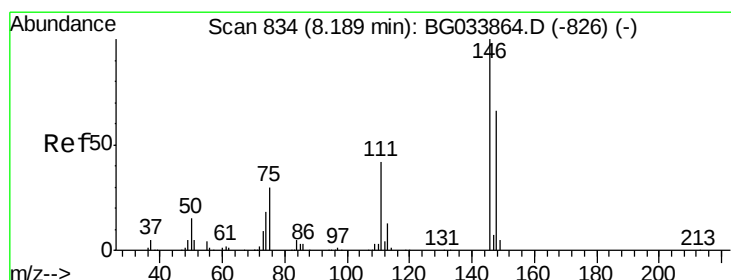
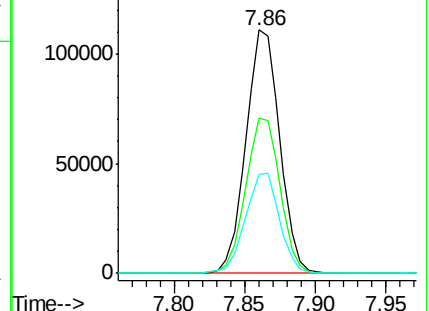
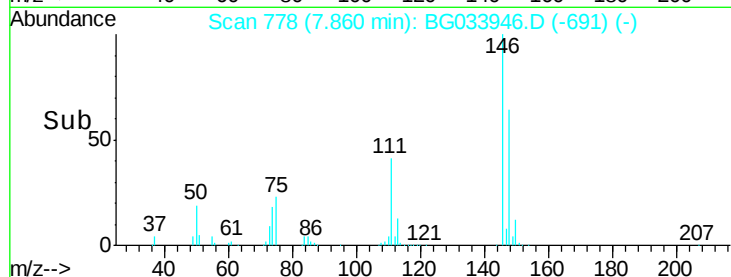
111 40.8 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.672 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

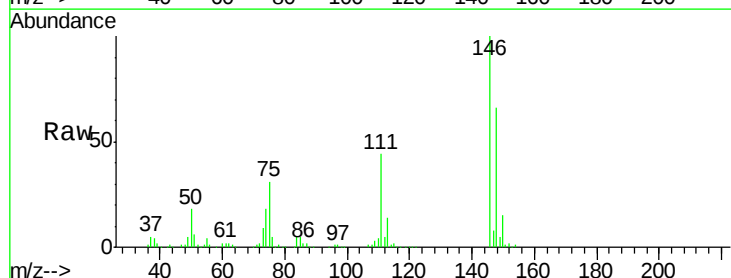
Tgt Ion:146 Resp: 176457

Ion Ratio Lower Upper

146 100

148 65.6 49.3 73.9

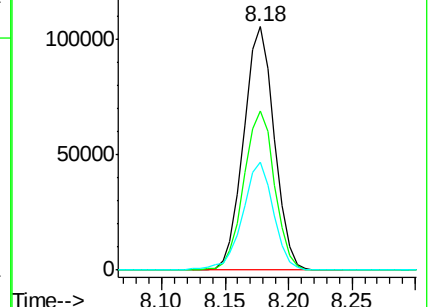
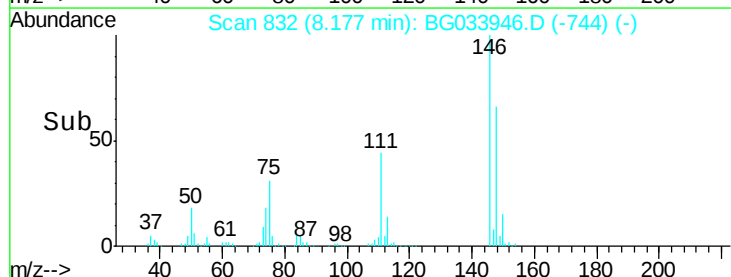
111 44.4 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.017 ng

RT: 8.07 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampled :

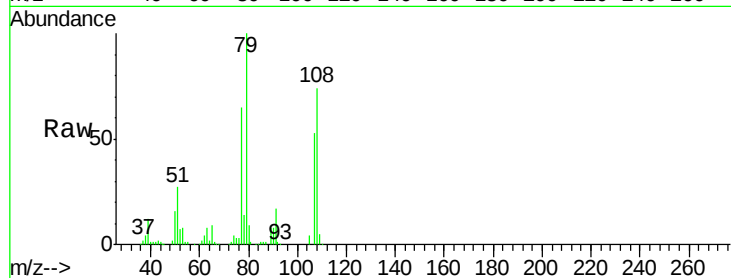
Tot Ion: 79 Resp: 178350

Ion Ratio Lower Upper

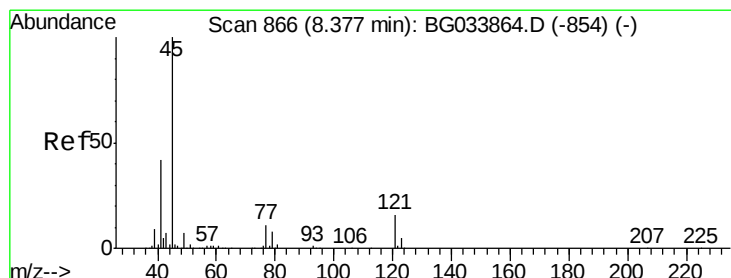
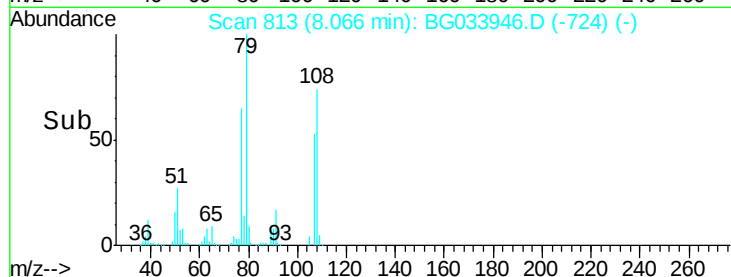
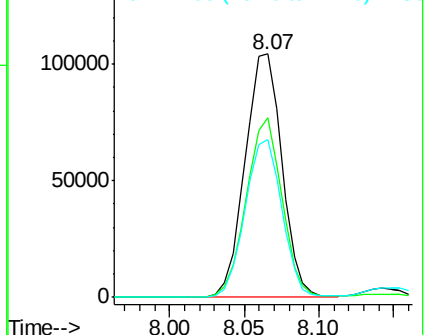
79 100

108 74.0 57.2 85.8

77 65.0 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.831 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

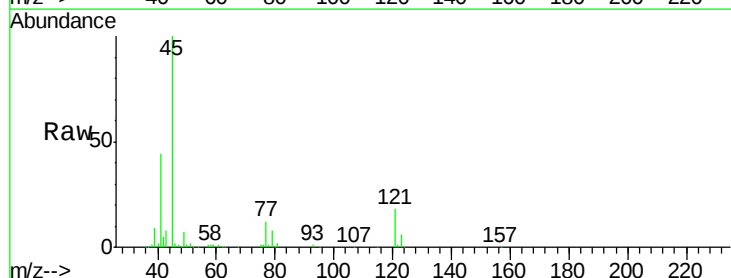
Tgt Ion: 45 Resp: 284911

Ion Ratio Lower Upper

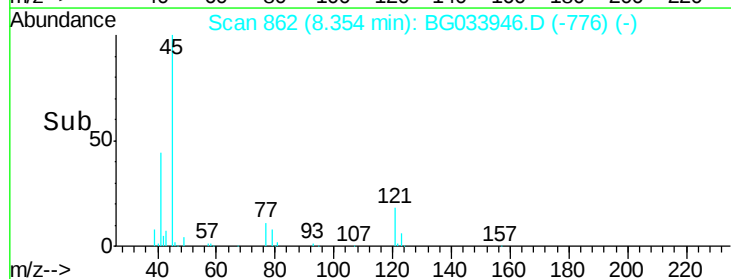
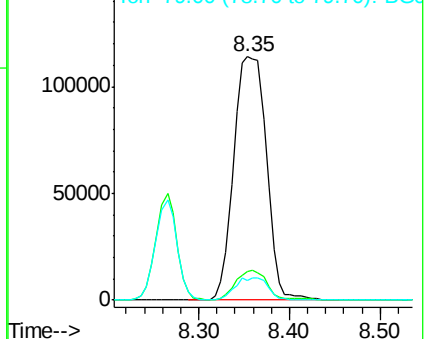
45 100

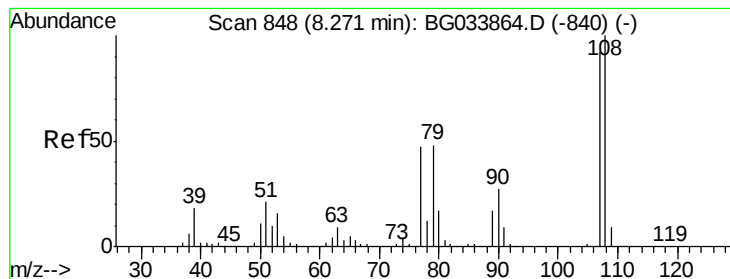
77 11.8 0.0 30.2

79 8.1 0.0 27.9



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

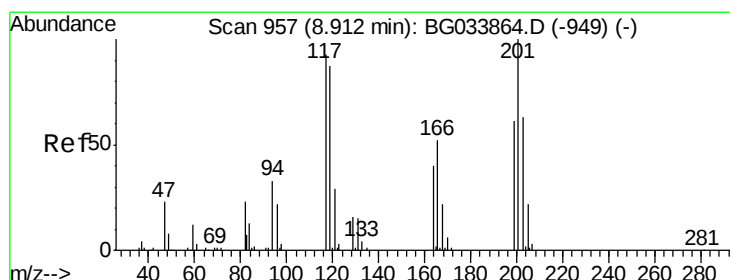
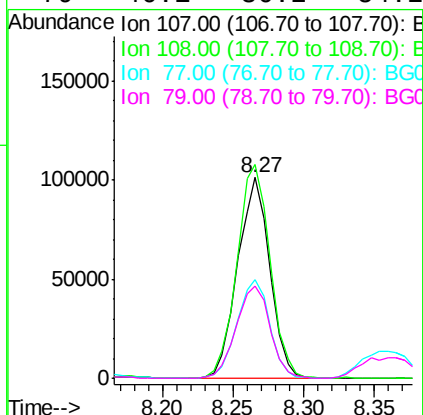
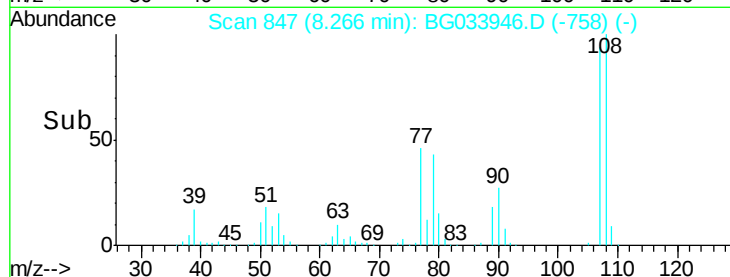
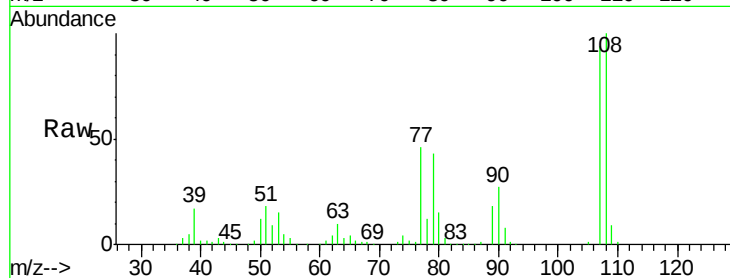




#17
2-Methylphenol
Concen: 37.401 ng
RT: 8.27 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

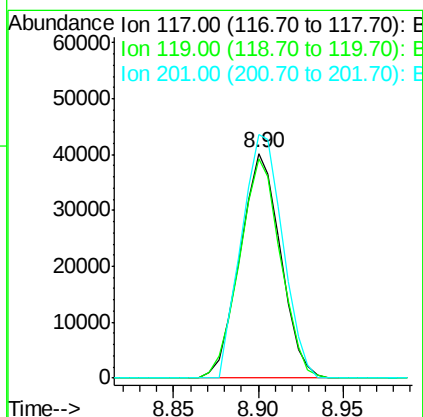
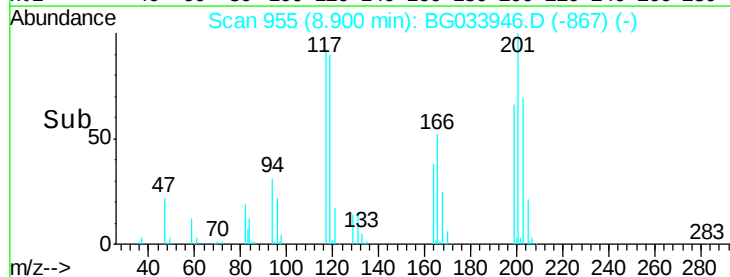
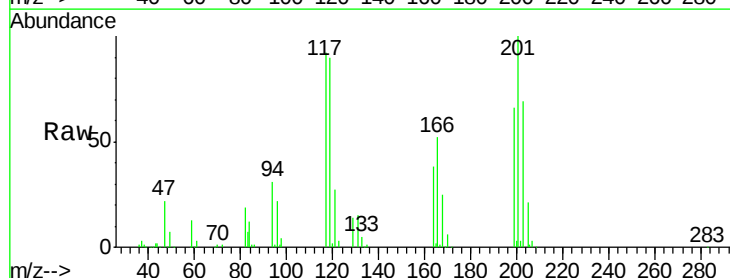
Instrument :
BNA_G
ClientSampleId :

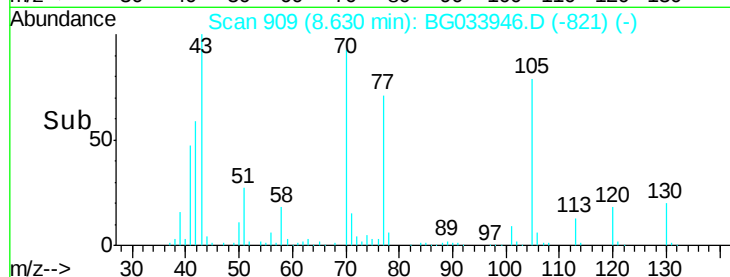
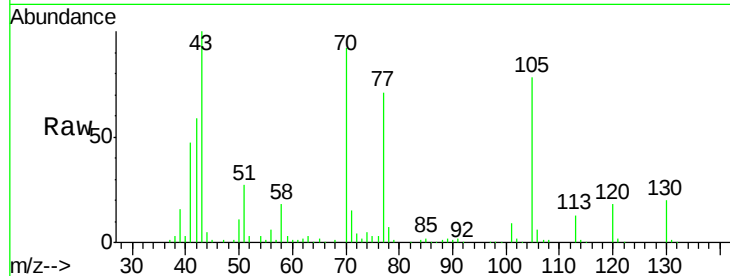
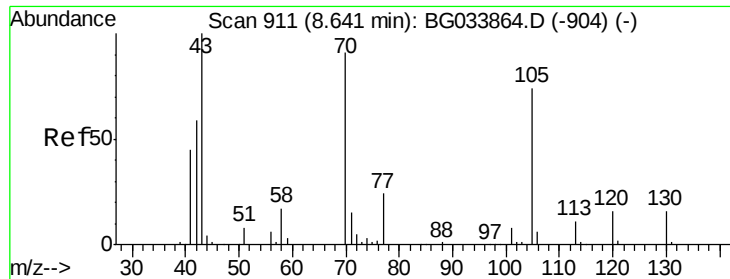
Tot Ion:	107	Resp:	161239
Ion	Ratio	Lower	Upper
107	100		
108	106.4	83.9	125.9
77	49.1	37.2	55.8
79	46.1	36.2	54.2



#18
Hexachloroethane
Concen: 36.112 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion:	117	Resp:	67122
Ion	Ratio	Lower	Upper
117	100		
119	97.7	76.7	115.1
201	111.7	95.7	143.5

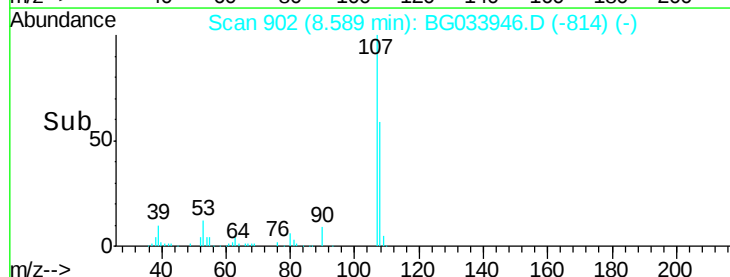
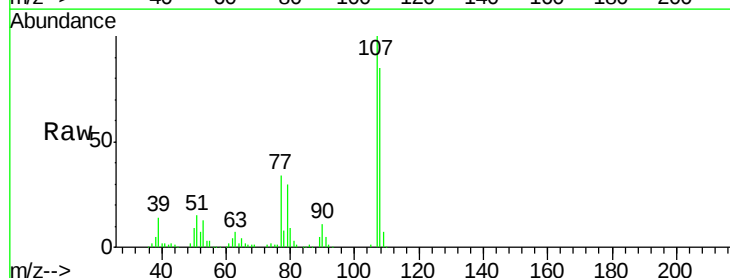
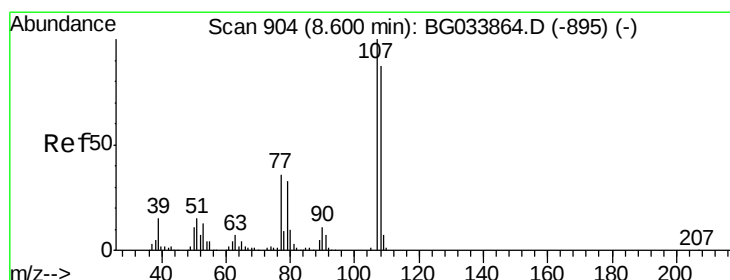
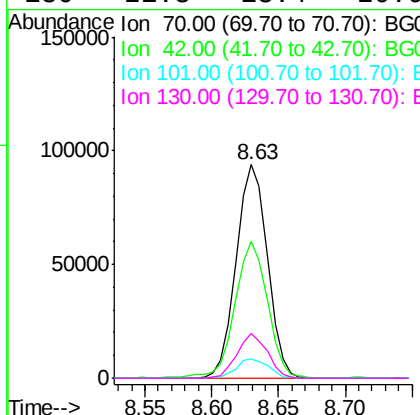




#19
n-Nitroso-di-n-propylamine
Concen: 31.505 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

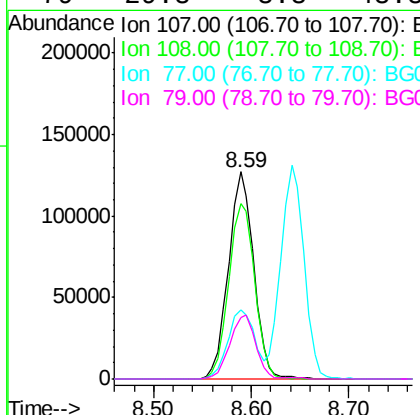
Instrument :
BNA_G
ClientSampleID :

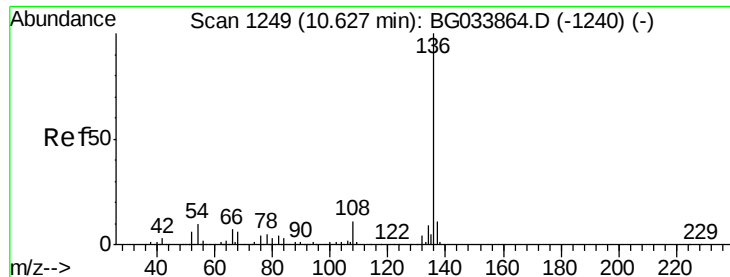
Tot Ion: 70 Resp: 152505
Ion Ratio Lower Upper
70 100
42 64.1 49.1 73.7
101 9.3 8.5 12.7
130 21.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 36.419 ng
RT: 8.59 min Scan# 902
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion: 107 Resp: 228135
Ion Ratio Lower Upper
107 100
108 84.7 61.6 101.6
77 33.6 13.9 53.9
79 29.8 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 276291

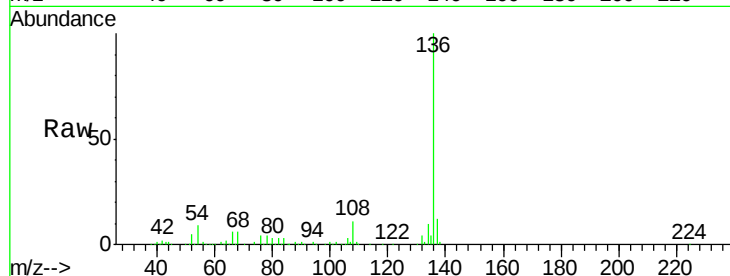
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 9.4 10.3 15.5#

68 6.0 4.5 6.7

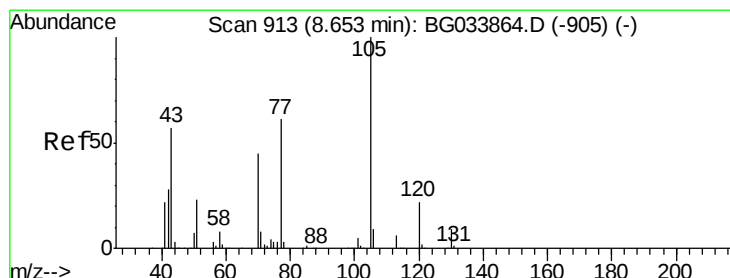
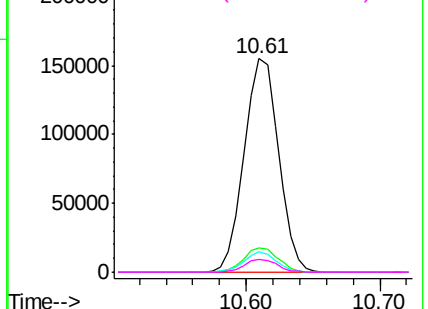
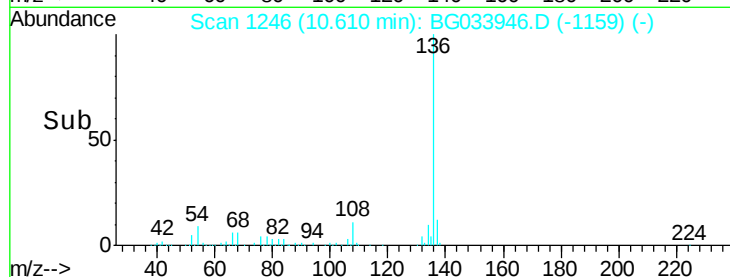


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 35.890 ng

RT: 8.64 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Tgt Ion:105 Resp: 269890

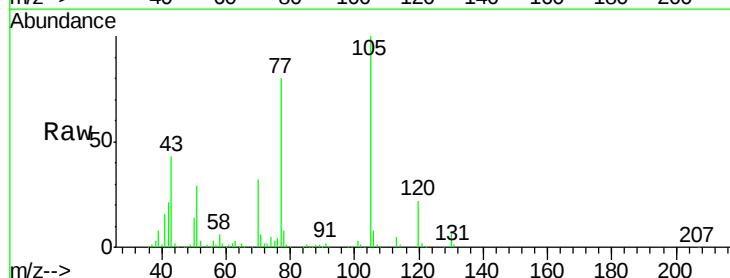
Ion Ratio Lower Upper

105 100

71 5.7 3.0 4.4#

51 29.3 26.1 39.1

120 21.9 17.4 26.2

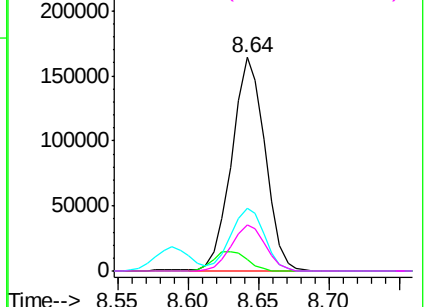
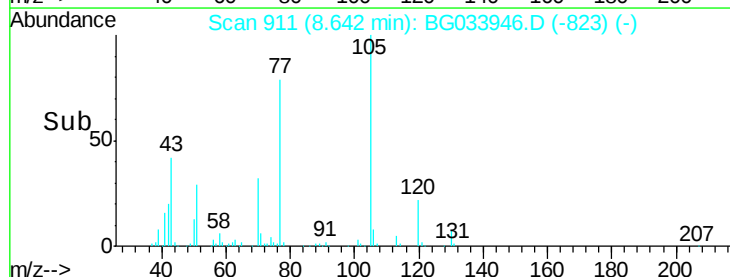


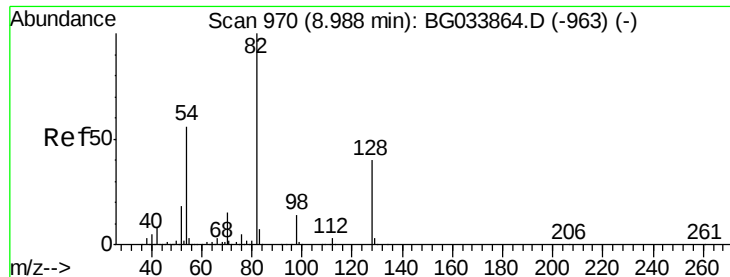
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

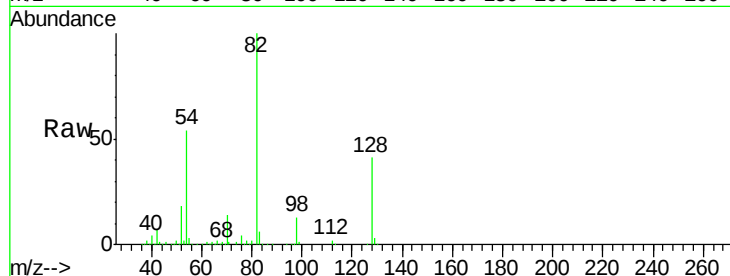




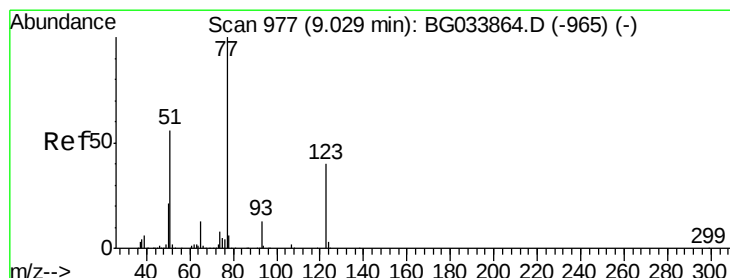
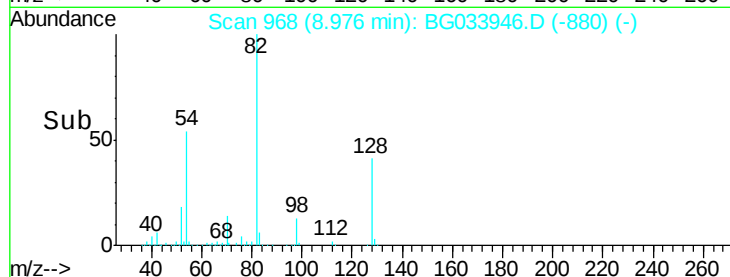
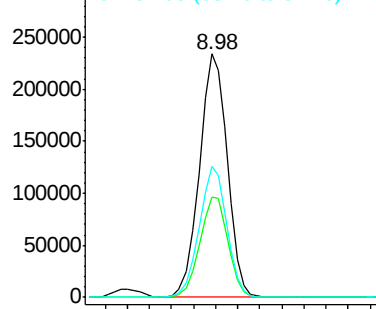
#23
Nitrobenzene-d5
Concen: 85.031 ng
RT: 8.98 min Scan# 968
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	412820
Ion Ratio	Lower	Upper	
82	100		
128	41.0	29.7	44.5
54	53.6	43.1	64.7

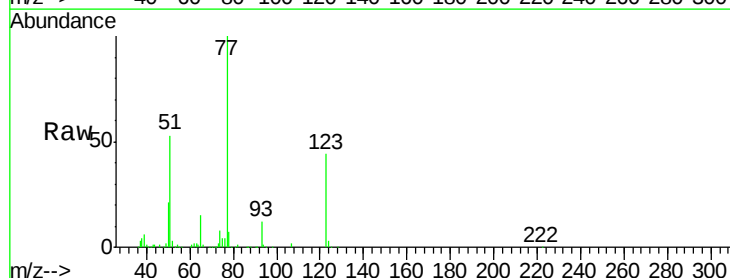


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

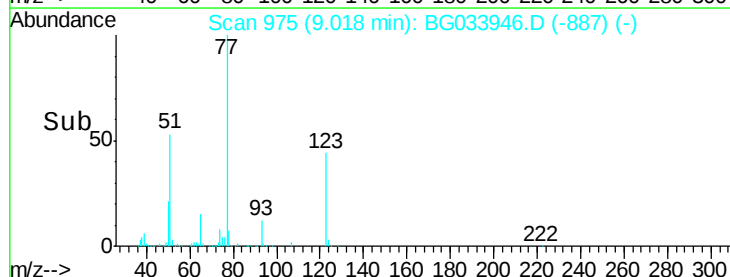
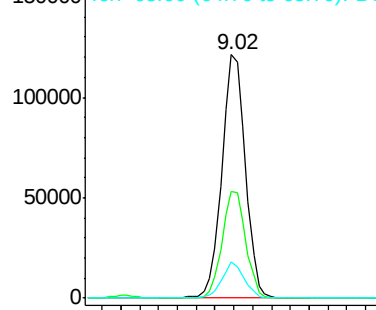


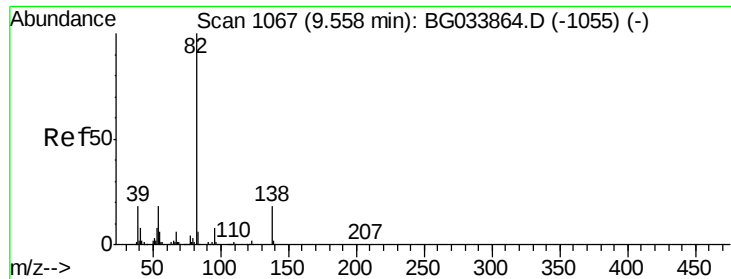
#24
Nitrobenzene
Concen: 39.603 ng
RT: 9.02 min Scan# 975
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion	77	Resp	209516
Ion Ratio	Lower	Upper	
77	100		
123	44.0	33.0	49.6
65	15.0	13.0	19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 37.607 ng

RT: 9.54 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

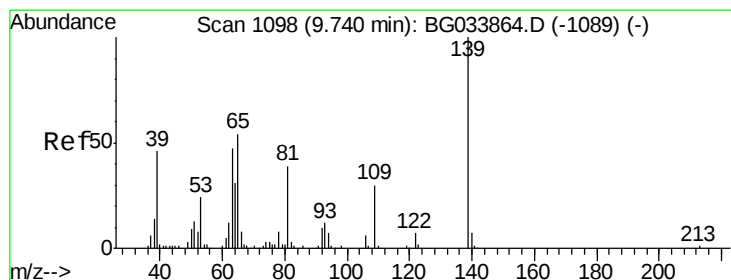
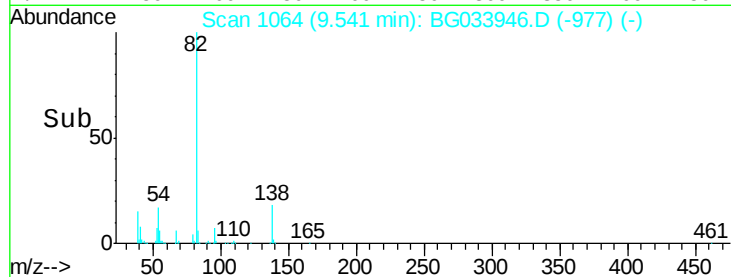
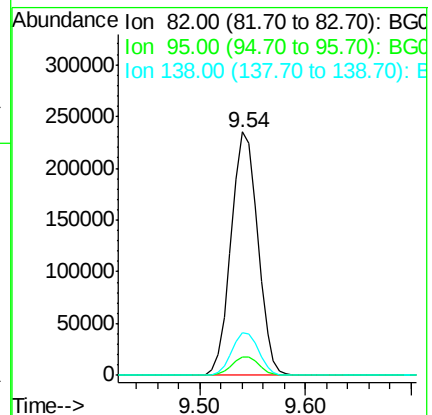
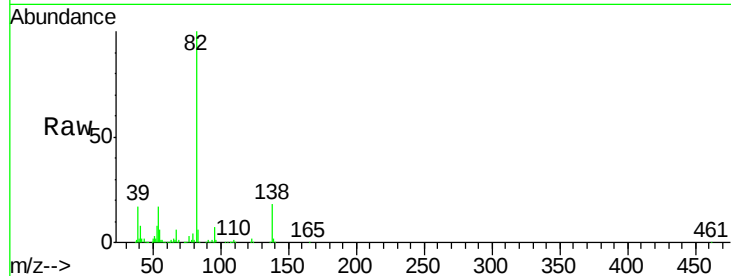
Tot Ion: 82 Resp: 410488

Ion Ratio Lower Upper

82 100

95 7.4 6.2 9.2

138 17.6 12.1 18.1



#26

2-Nitrophenol

Concen: 47.299 ng

RT: 9.73 min Scan# 1096

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

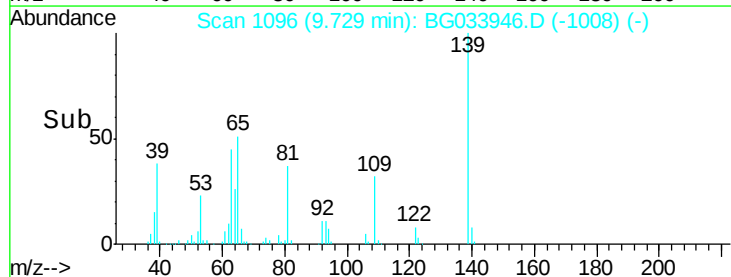
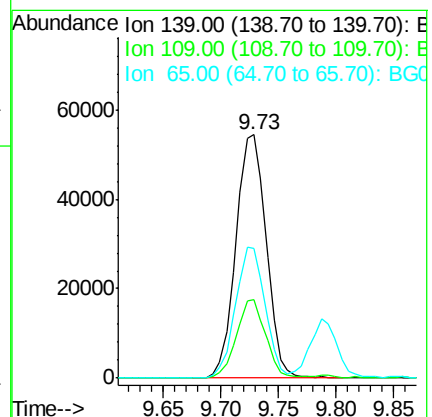
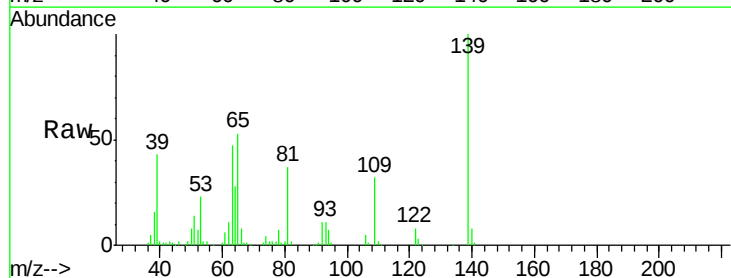
Tgt Ion: 139 Resp: 98871

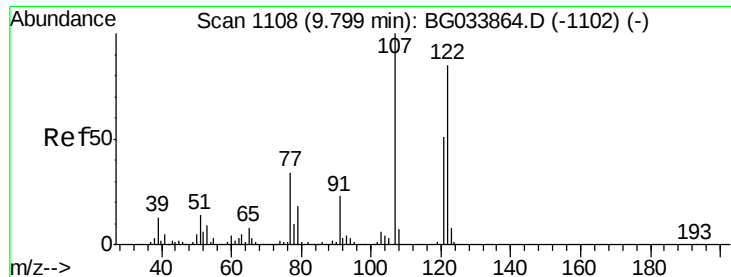
Ion Ratio Lower Upper

139 100

109 32.3 24.2 36.2

65 53.3 47.4 71.0

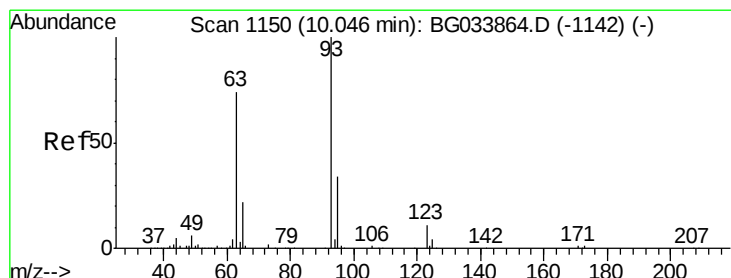
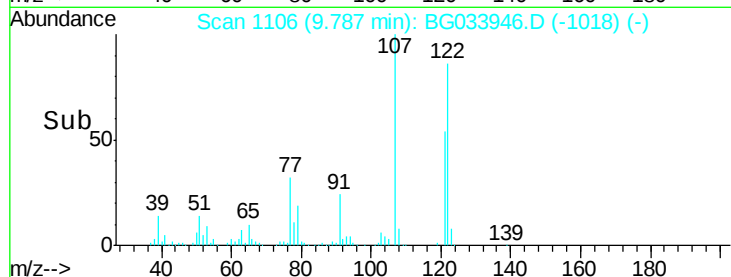
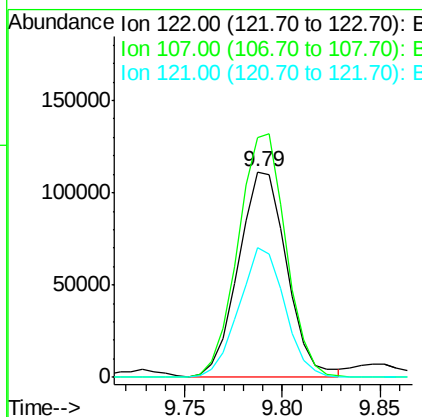
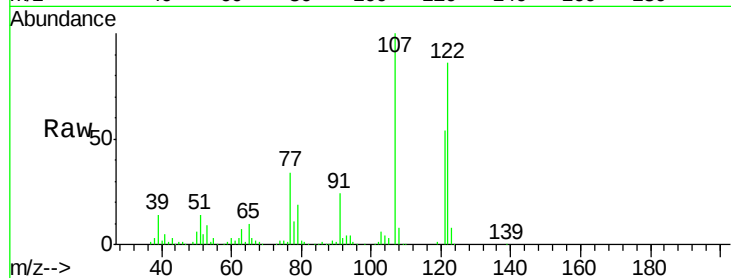




#27
 2,4-Dimethylphenol
 Concen: 48.858 ng
 RT: 9.79 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

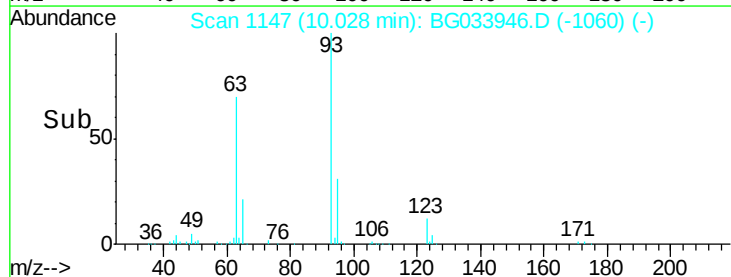
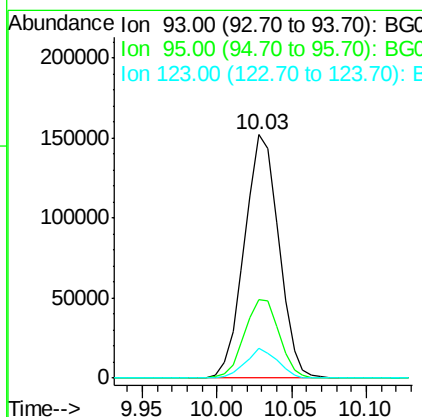
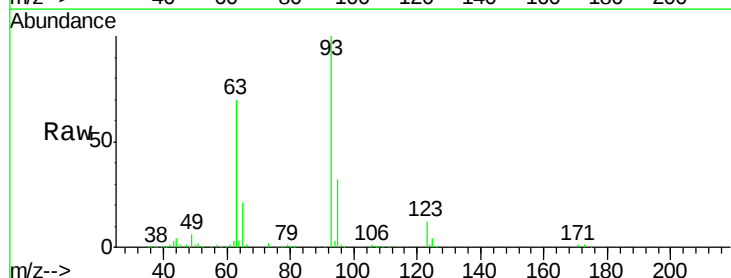
Instrument :
 BNA_G
 ClientSampleId :

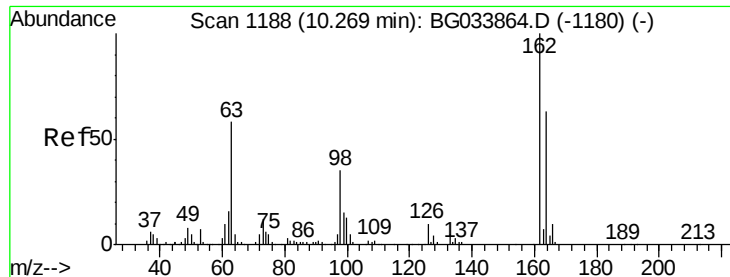
Tot Ion:122 Resp: 191030
 Ion Ratio Lower Upper
 122 100
 107 116.9 100.2 150.2
 121 63.1 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.990 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion: 93 Resp: 242229
 Ion Ratio Lower Upper
 93 100
 95 32.3 24.3 36.5
 123 12.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 46.908 ng

RT: 10.26 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

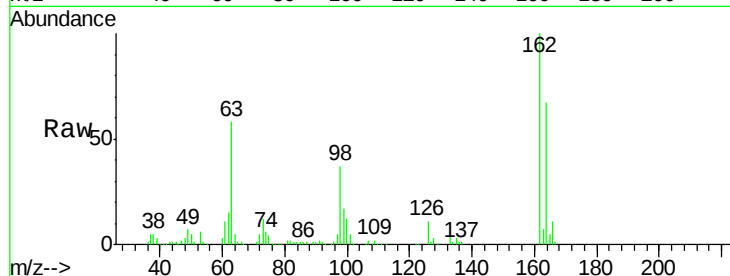
Tot Ion:162 Resp: 204457

Ion Ratio Lower Upper

162 100

164 66.8 48.0 88.0

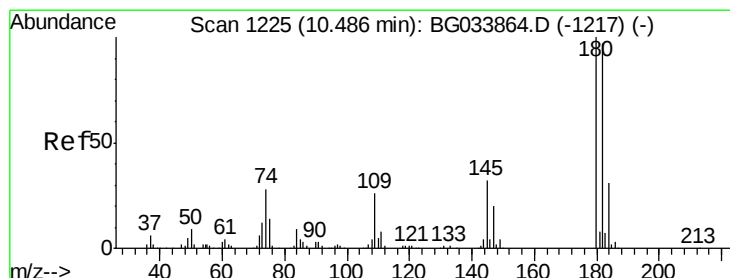
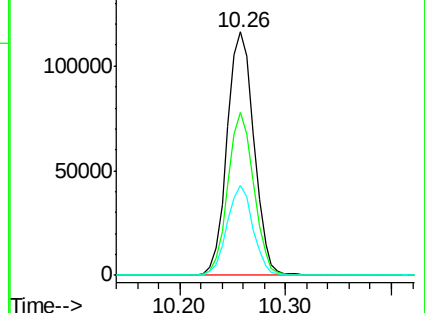
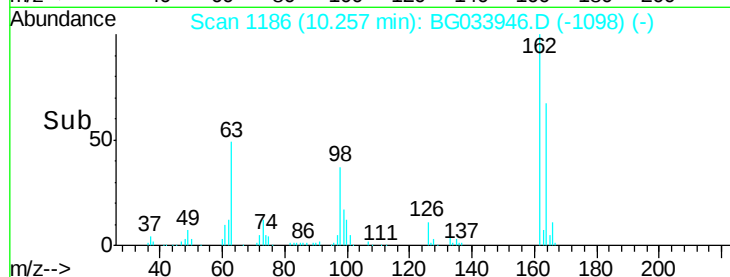
98 36.7 21.1 61.1



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): E



#30

1,2,4-Trichlorobenzene

Concen: 39.344 ng

RT: 10.47 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

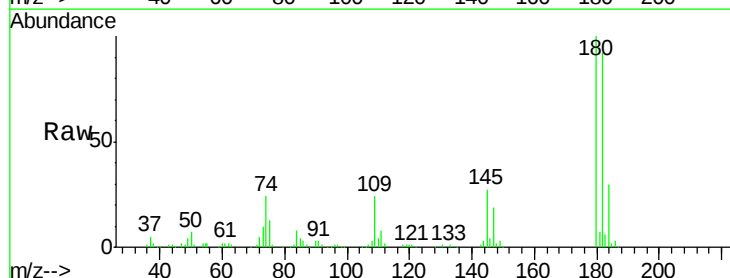
Tgt Ion:180 Resp: 192070

Ion Ratio Lower Upper

180 100

182 91.6 77.5 116.3

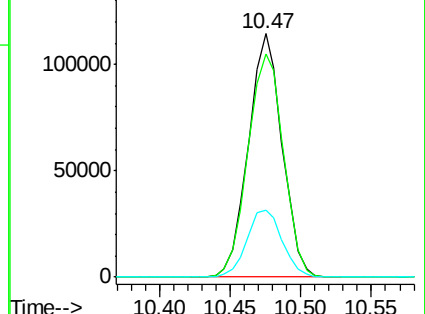
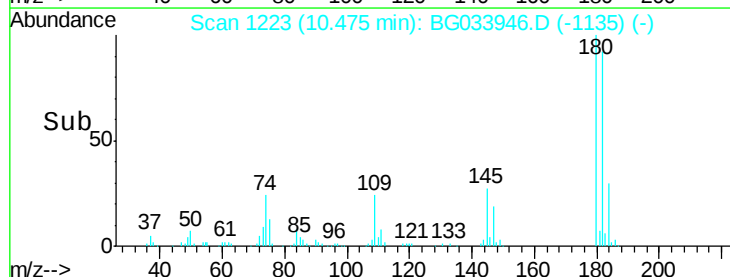
145 27.3 23.4 35.2

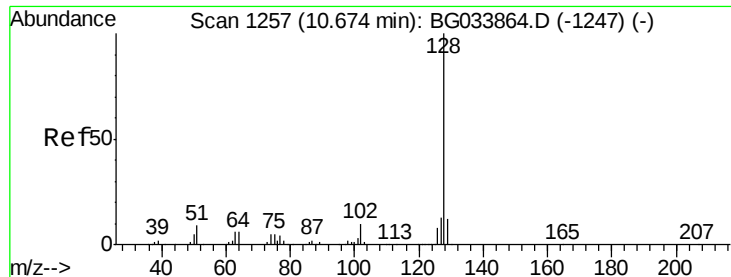


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.679 ng

RT: 10.66 min Scan# 1255

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

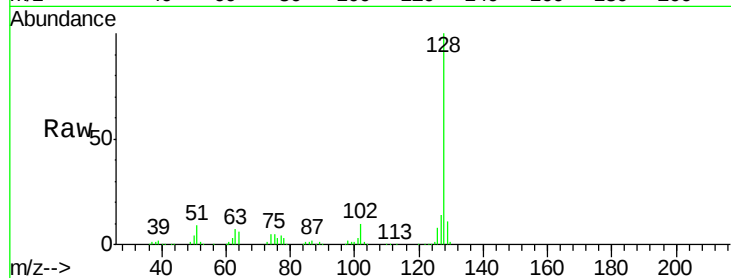
Tot Ion:128 Resp: 549556

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

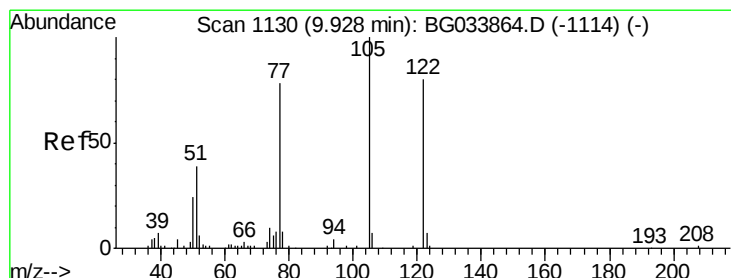
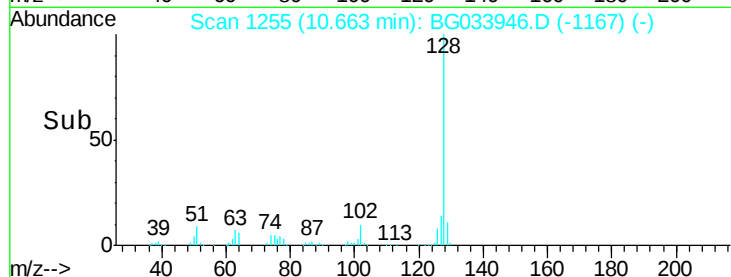
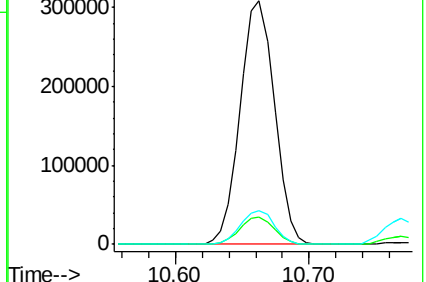
127 14.0 11.6 17.4



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: 7.486 ng

RT: 9.92 min Scan# 1128

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

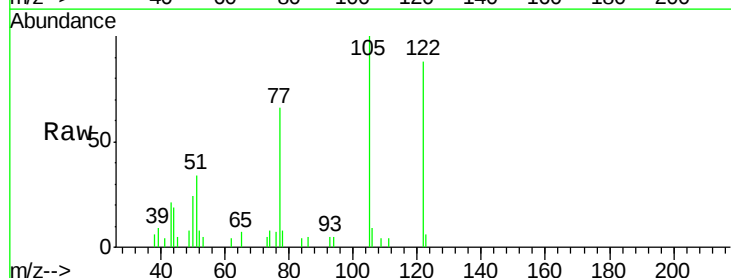
Tgt Ion:122 Resp: 10471

Ion Ratio Lower Upper

122 100

105 113.9 123.5 163.5#

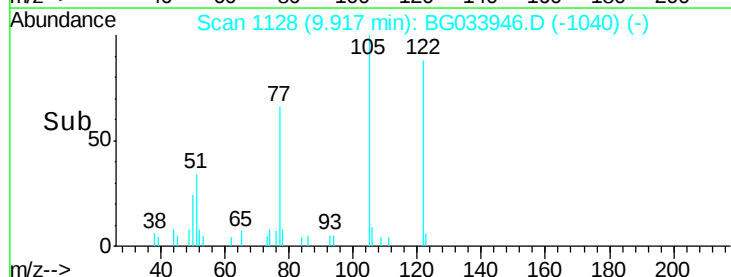
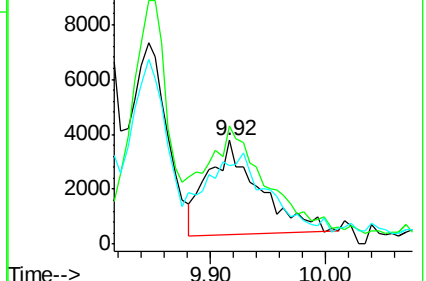
77 75.6 85.7 125.7#

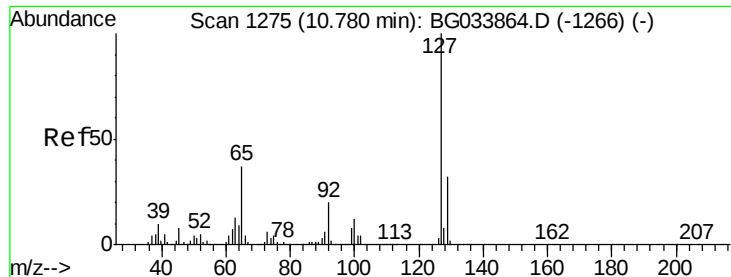


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

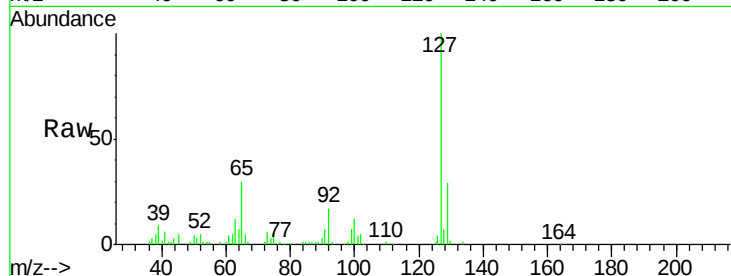




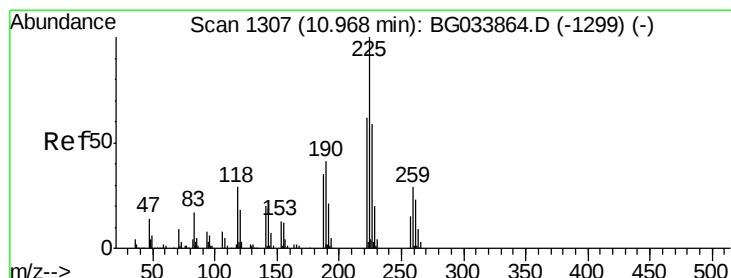
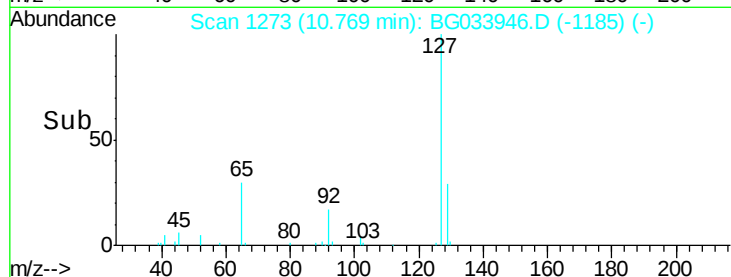
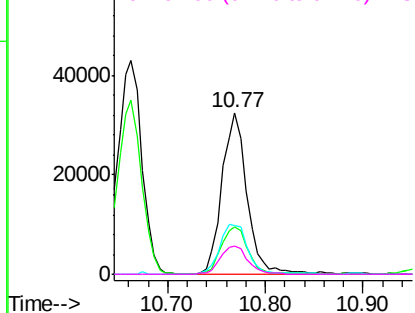
#33
4-Chloroaniline
Concen: 8.729 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	58293
Ion	Ratio	Lower	Upper
127	100		
129	29.4	24.0	36.0
65	30.5	27.0	40.4
92	17.3	16.6	25.0

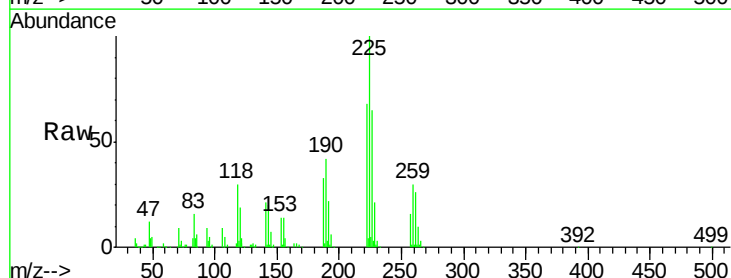


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

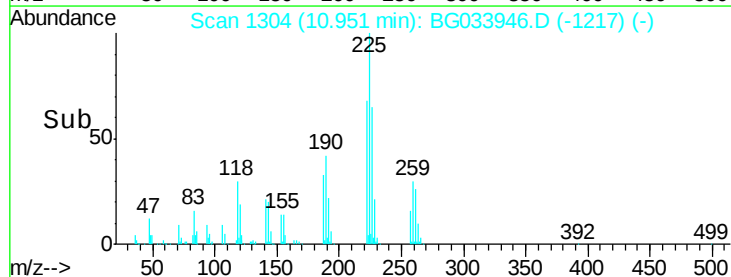
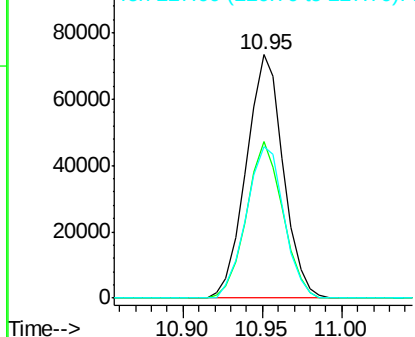


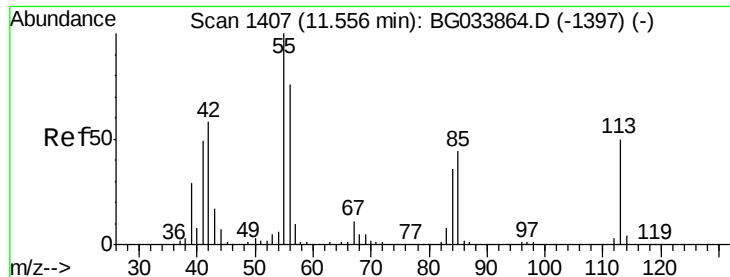
#34
Hexachlorobutadiene
Concen: 40.700 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion:	225	Resp:	118861
Ion	Ratio	Lower	Upper
225	100		
223	68.1	49.7	74.5
227	64.8	48.1	72.1



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





#35

Caprolactam

Concen: 45.239 ng

RT: 11.54 min Scan# 1405

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

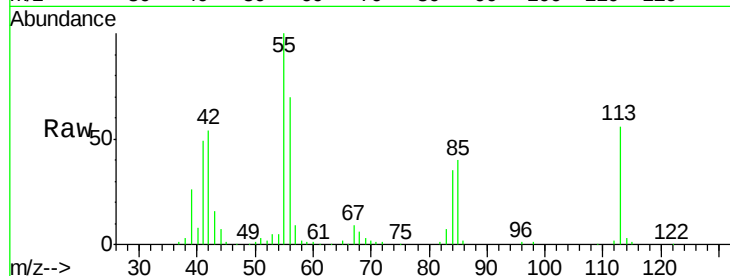
Tot Ion:113 Resp: 83834

Ion Ratio Lower Upper

113 100

55 177.4 186.9 226.9#

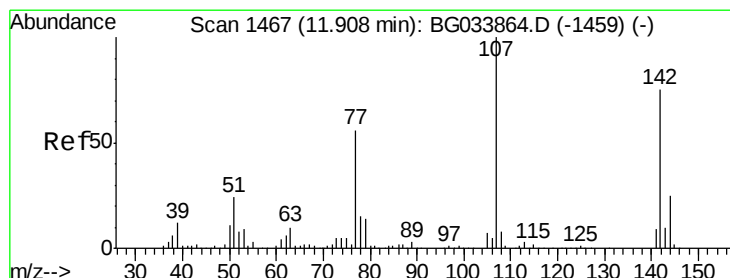
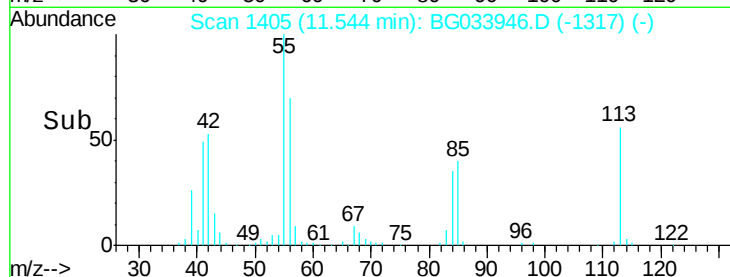
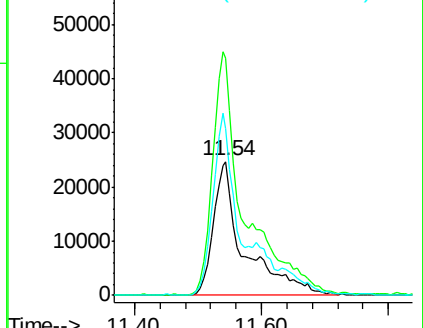
56 124.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.893 ng

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

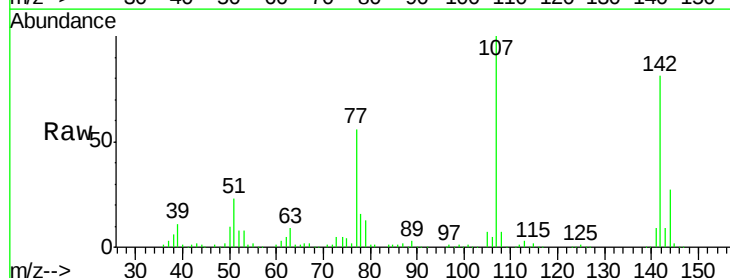
Tgt Ion:107 Resp: 228182

Ion Ratio Lower Upper

107 100

144 26.6 18.2 27.4

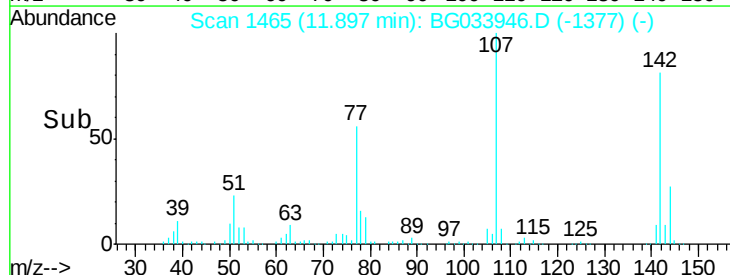
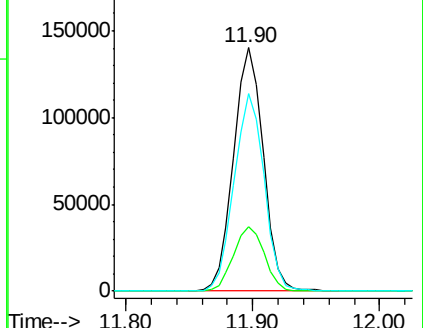
142 81.1 59.0 88.4

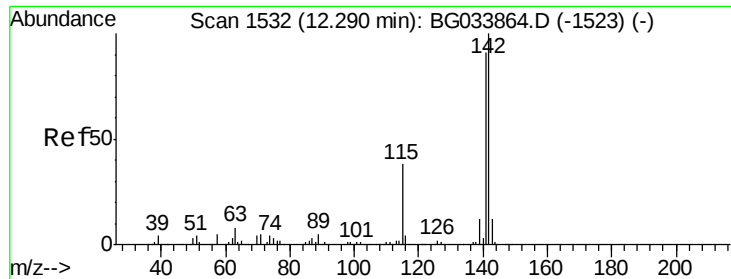


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

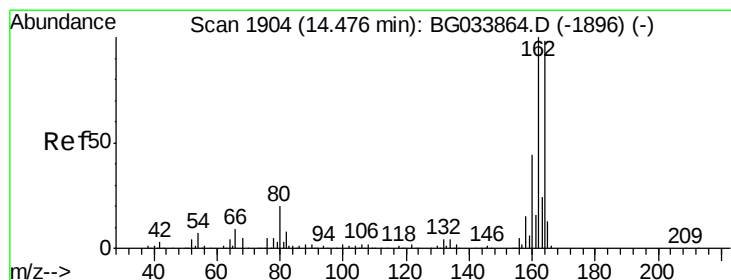
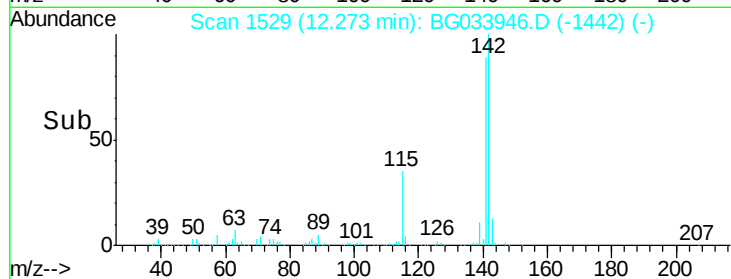
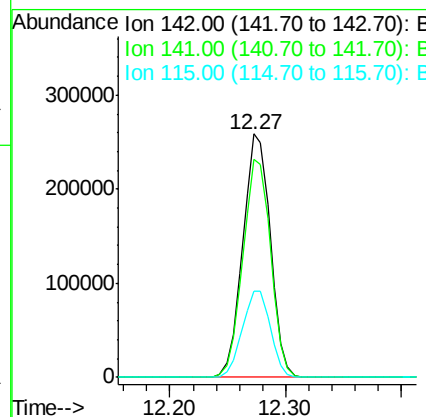
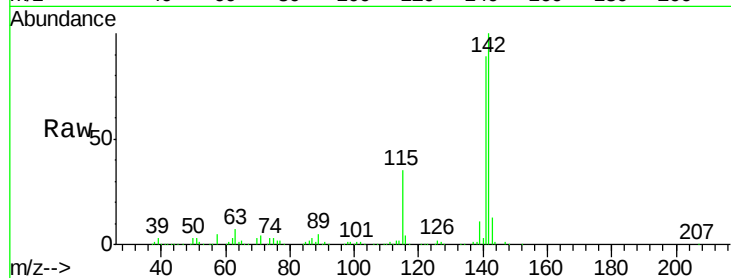




#37
 2-Methylnaphthalene
 Concen: 39.190 ng
 RT: 12.27 min Scan# 1529
 Delta R.T. -0.02 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

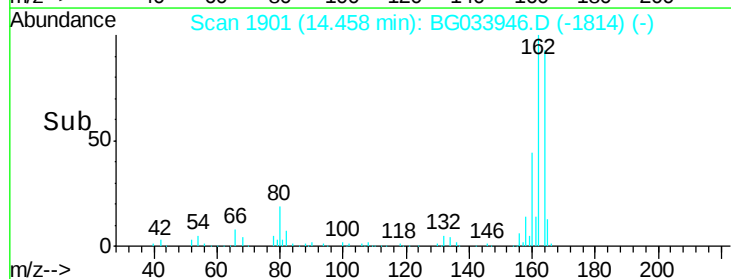
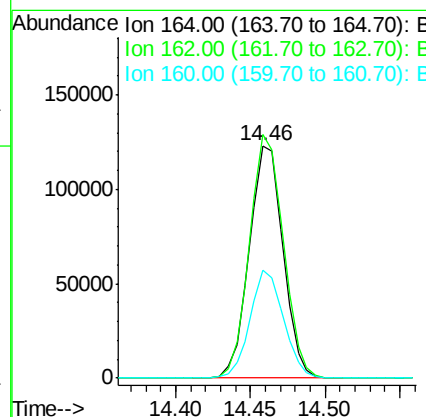
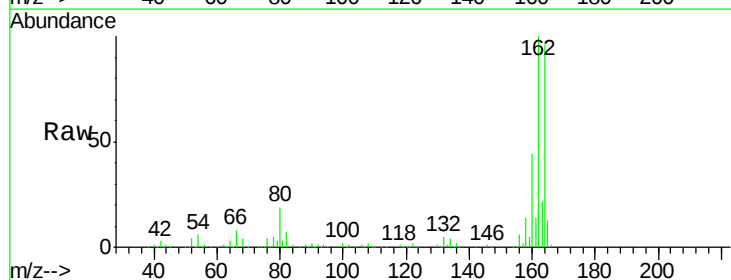
Instrument :
 BNA_G
 ClientSampleId :

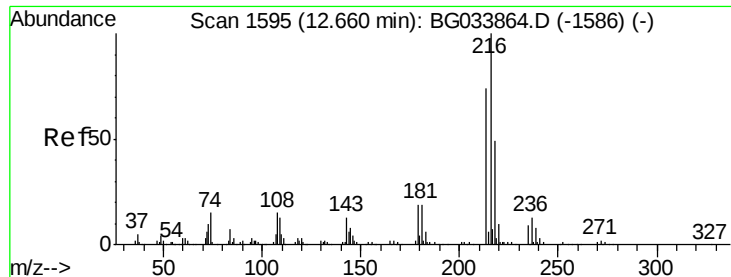
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	67.1	100.7
115	35.4	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	78.8	118.2
160	46.5	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.822 ng

RT: 12.64 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 246408

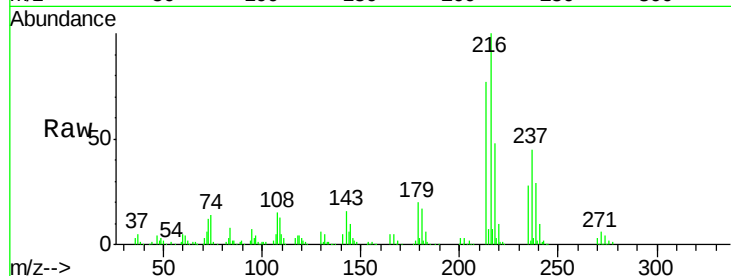
Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.4

179 20.0 17.0 25.6

108 17.3 12.8 19.2

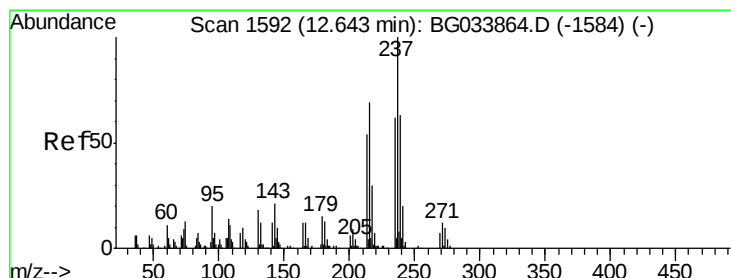
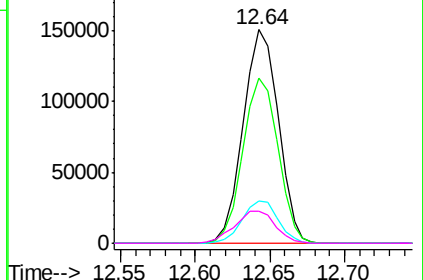
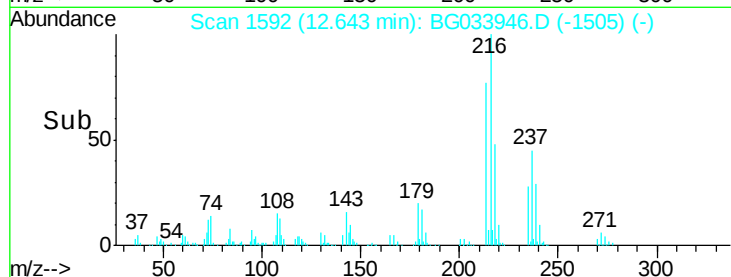


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.084 ng

RT: 12.63 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

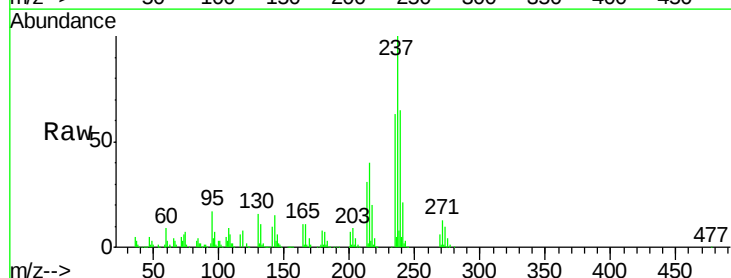
Tgt Ion:237 Resp: 293447

Ion Ratio Lower Upper

237 100

235 63.3 50.4 90.4

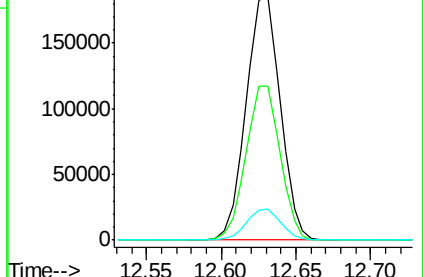
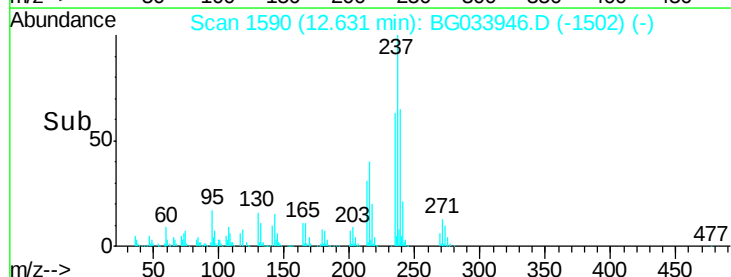
272 12.6 0.0 31.8

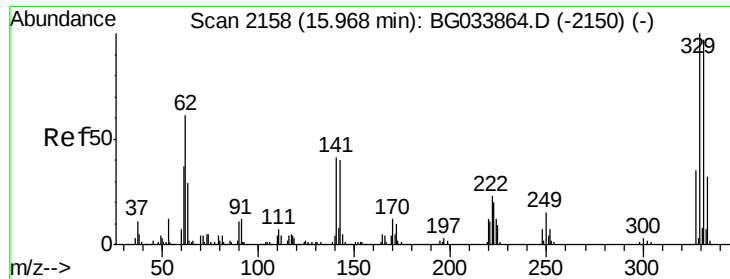


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

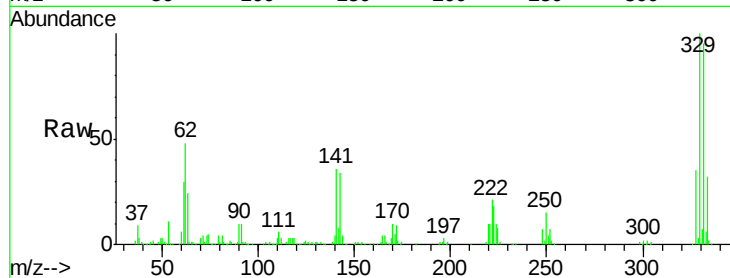




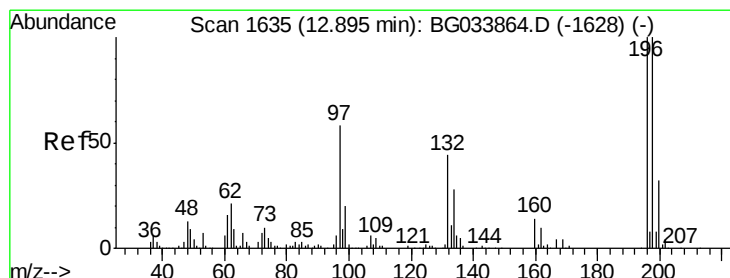
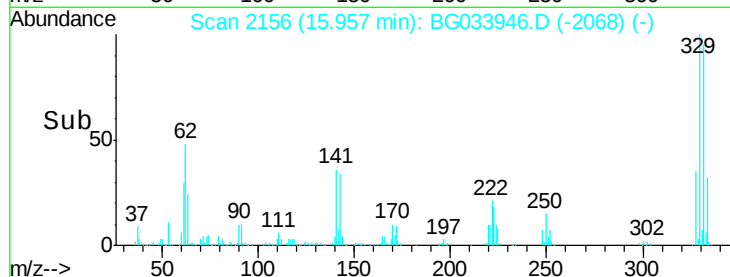
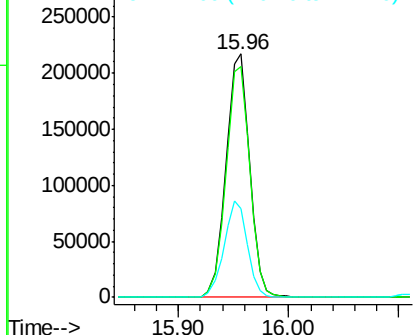
#41
 2,4,6-Tribromophenol
 Concen: 146.131 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 325872
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 39.0 25.2 37.8#

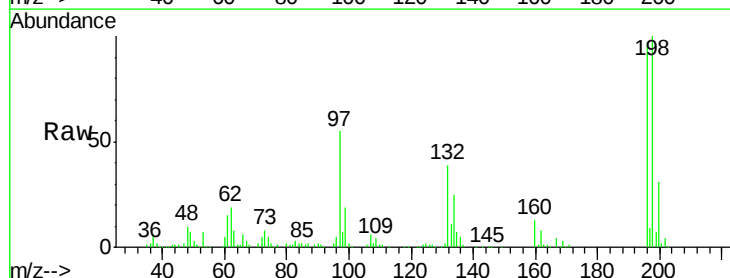


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

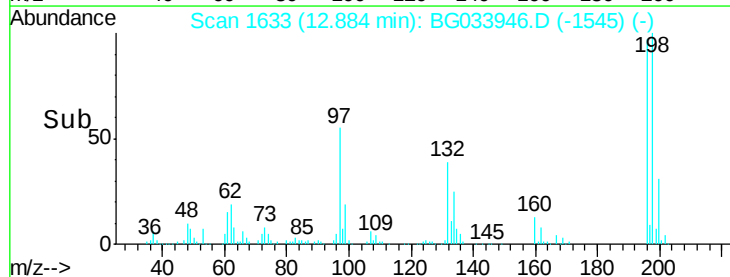
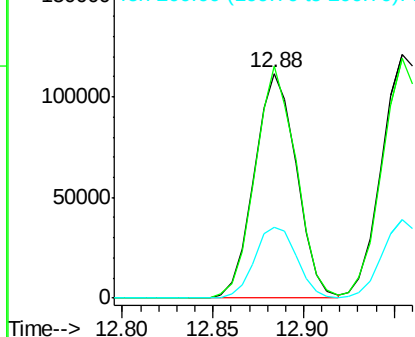


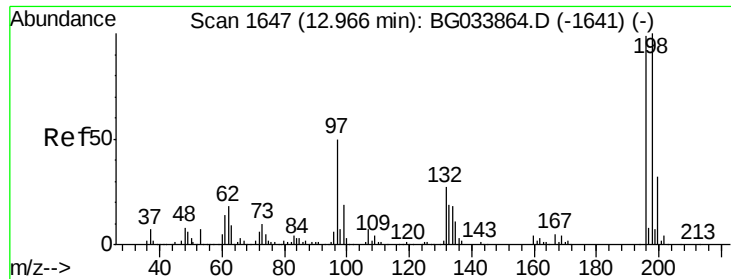
#42
 2,4,6-Trichlorophenol
 Concen: 46.528 ng
 RT: 12.88 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion:196 Resp: 180059
 Ion Ratio Lower Upper
 196 100
 198 103.3 78.2 117.2
 200 33.8 24.6 36.8



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

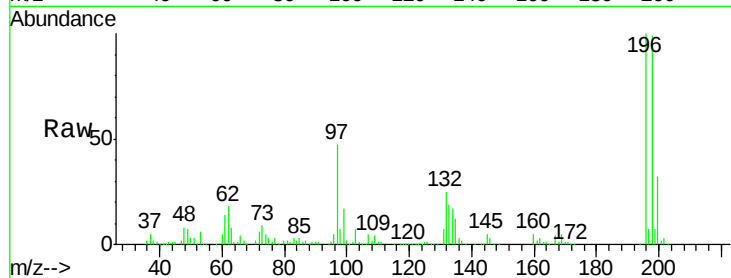




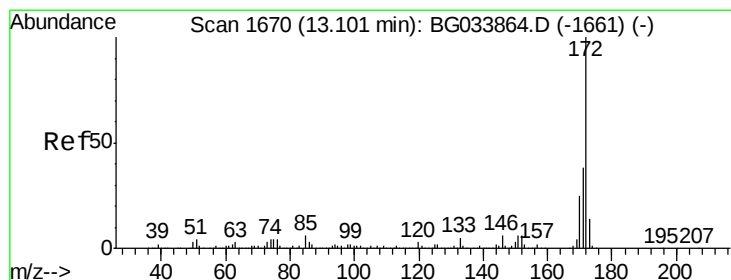
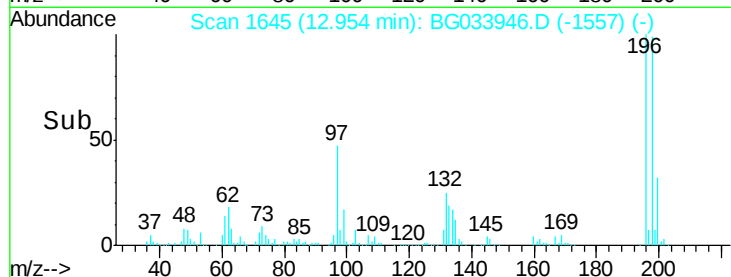
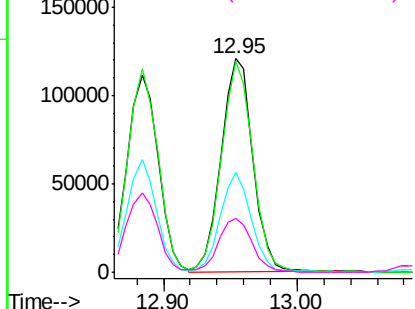
#43
2,4,5-Trichlorophenol
Concen: 45.226 ng
RT: 12.95 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	196	Resp:	201210
Ion Ratio	Lower	Upper	
196	100		
198	98.7	76.2	114.4
97	46.7	38.7	58.1
132	25.0	20.2	30.2

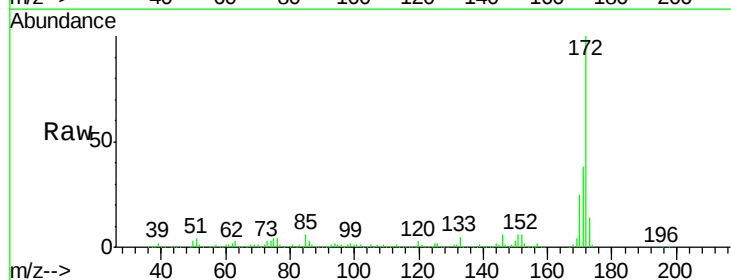


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

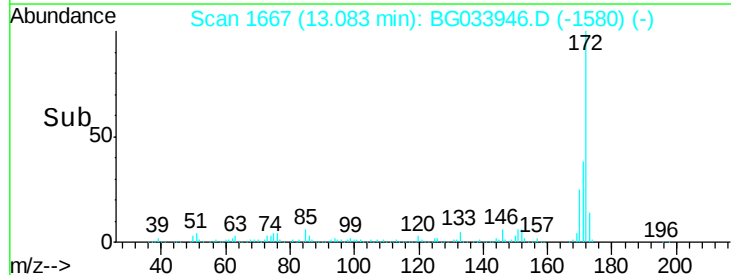
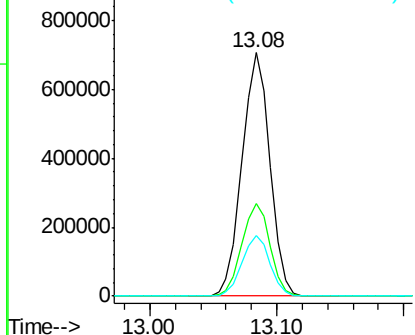


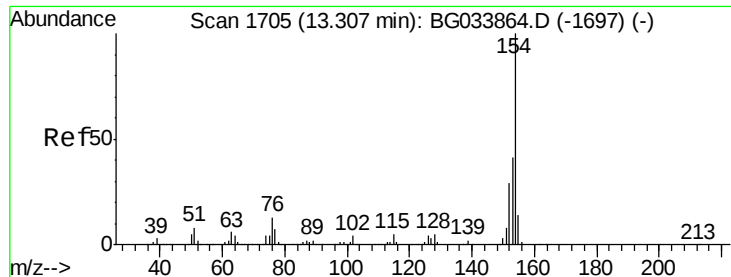
#44
2-Fluorobiphenyl
Concen: 82.717 ng
RT: 13.08 min Scan# 1667
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion:	172	Resp:	1076286
Ion Ratio	Lower	Upper	
172	100		
171	38.1	30.0	45.0
170	25.0	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

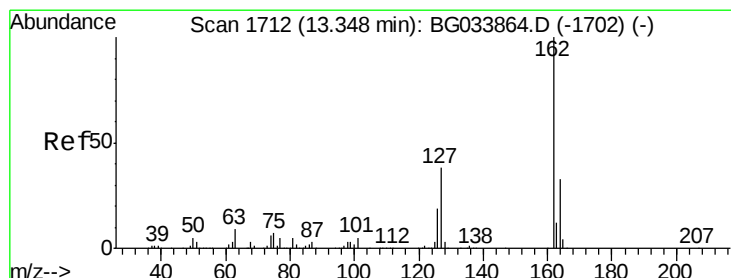
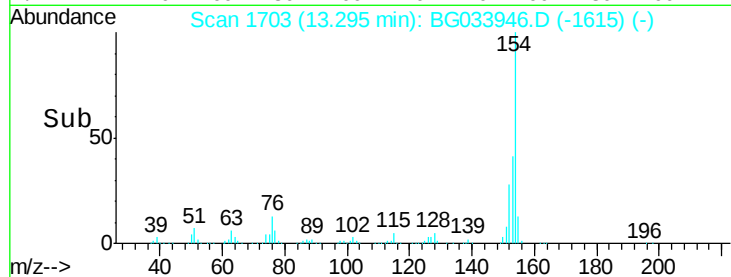
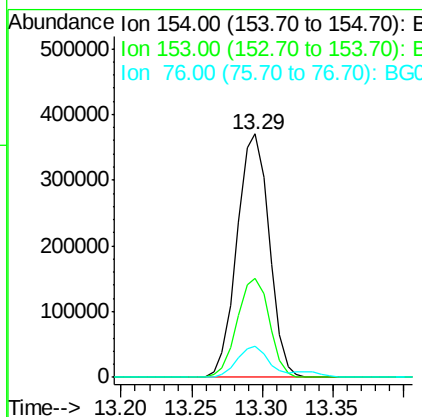
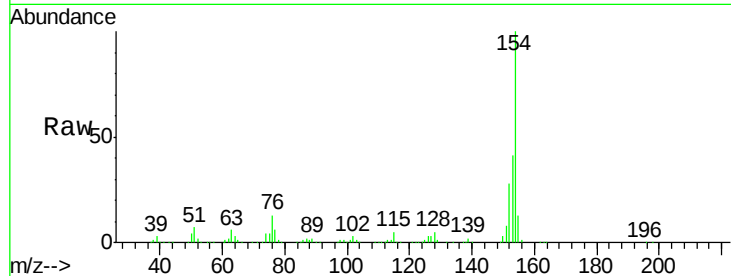




#45
 1,1'-Biphenyl
 Concen: 38.203 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

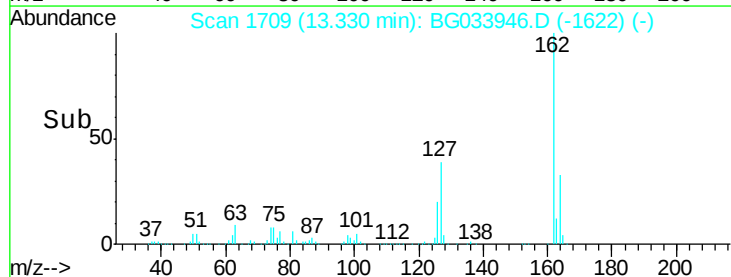
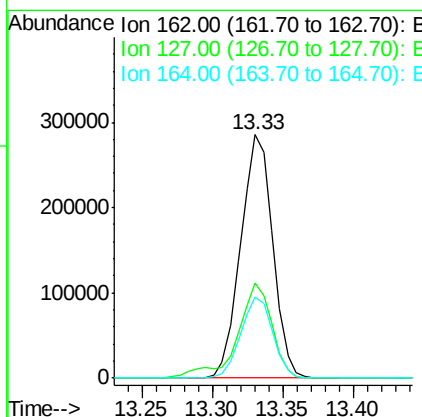
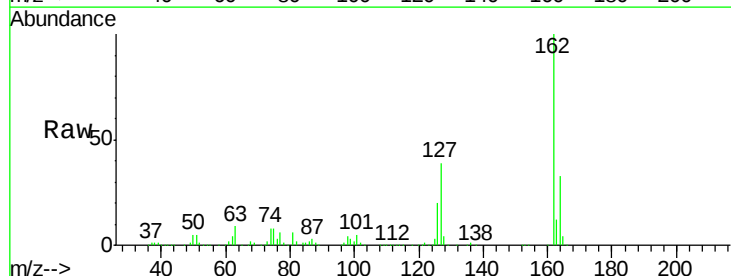
Instrument :
 BNA_G
 ClientSampleId :

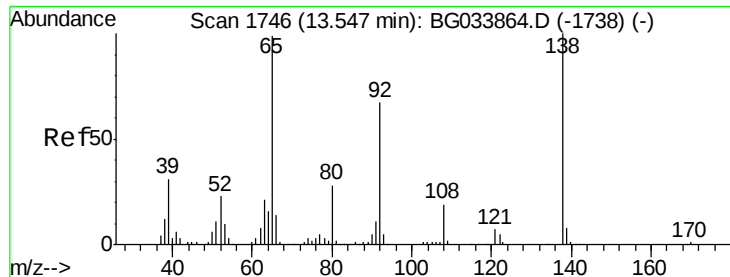
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.8	59.8
76	12.6	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 38.632 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	30.7	46.1
164	33.2	26.0	39.0

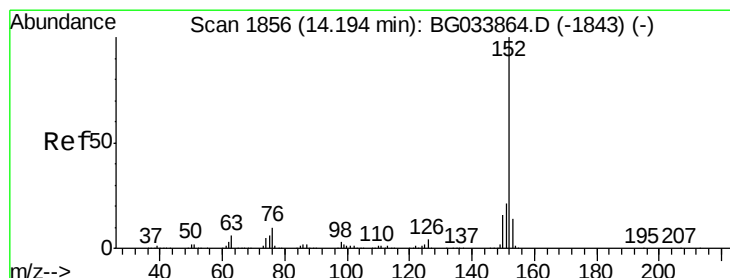
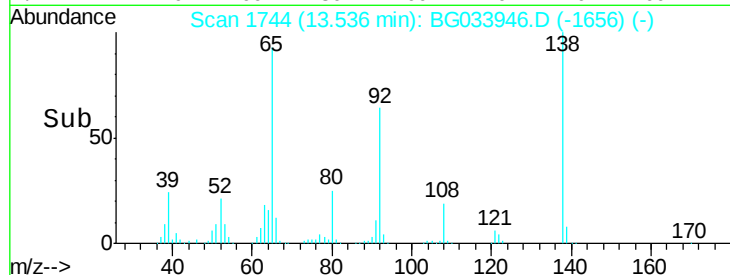
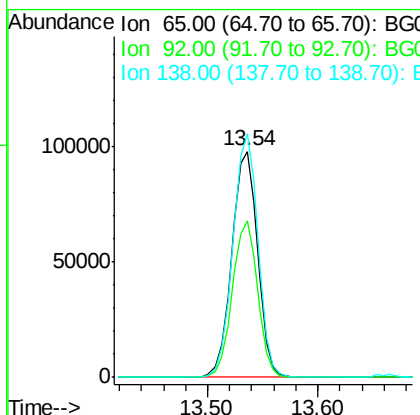
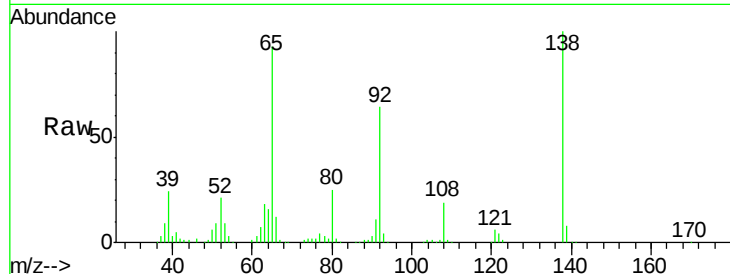




#47
2-Nitroaniline
Concen: 43.734 ng
RT: 13.54 min Scan# 1744
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

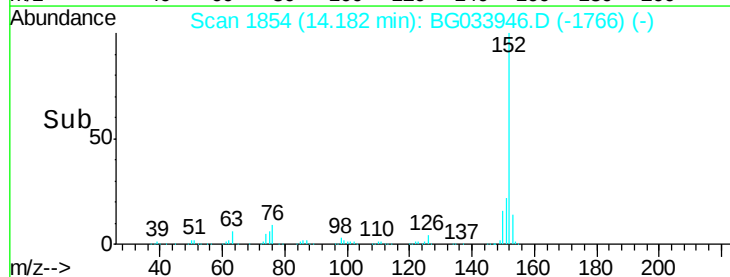
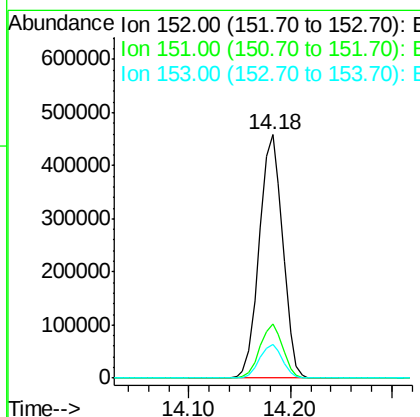
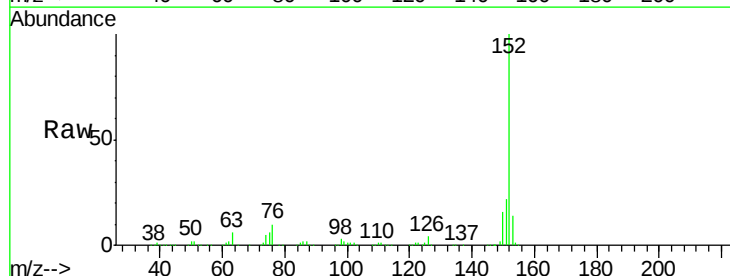
Instrument :
BNA_G
ClientSampleId :

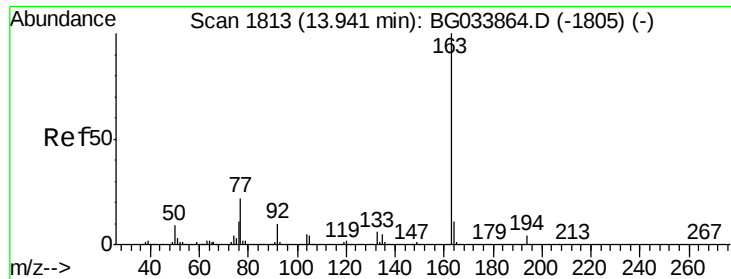
Tot Ion	Ratio	Lower	Upper
65	100		
92	69.3	54.6	82.0
138	107.7	72.9	109.3



#48
Acenaphthylene
Concen: 37.601 ng
RT: 14.18 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.2	25.8
153	13.8	10.2	15.4

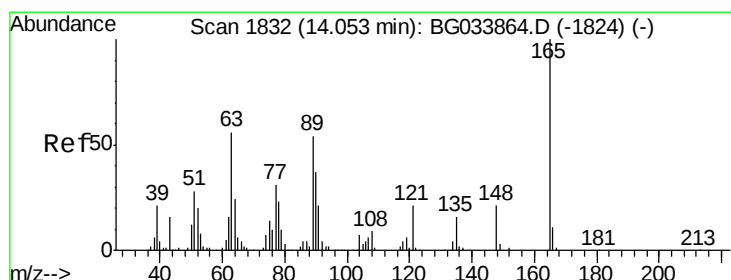
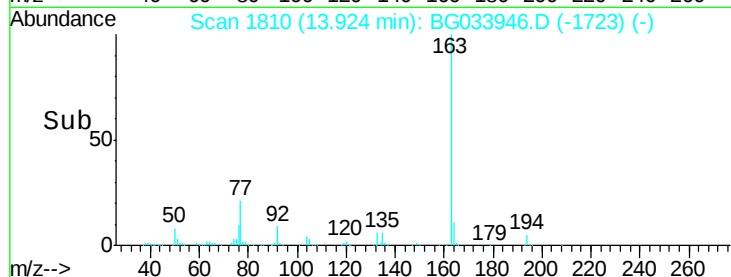
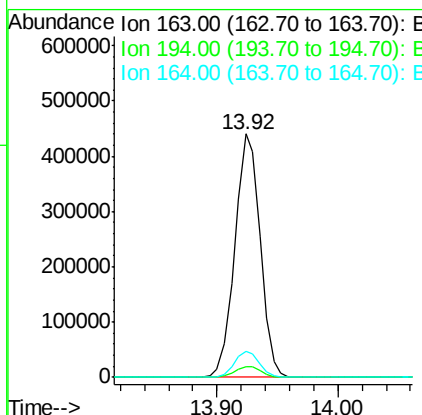
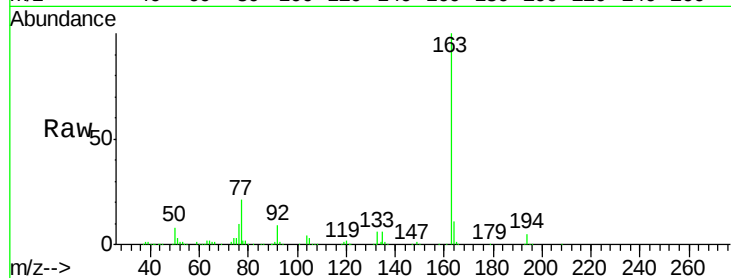




#49
Dimethylphthalate
Concen: 38.170 ng
RT: 13.92 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

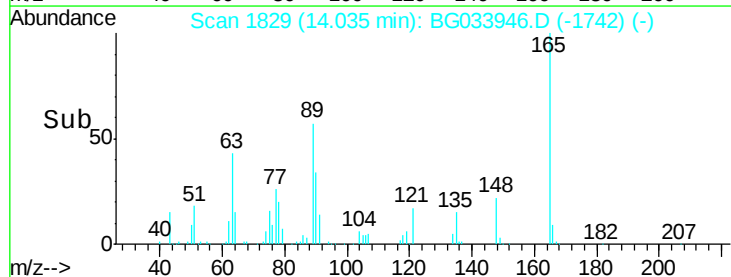
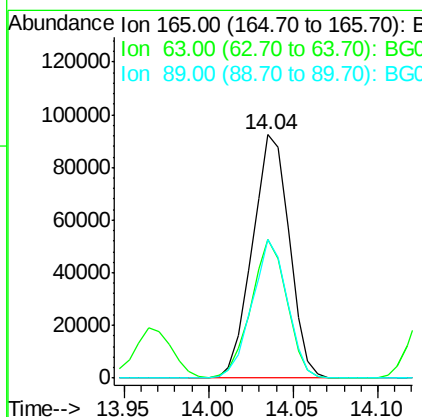
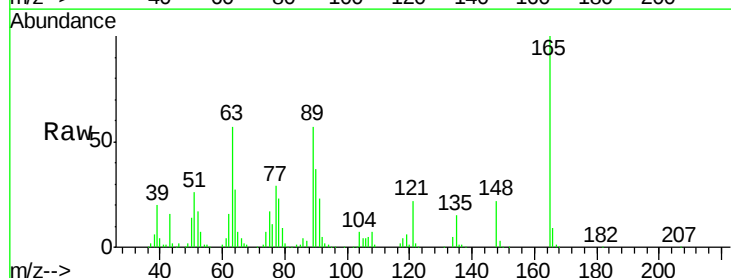
Instrument :
BNA_G
ClientSampleId :

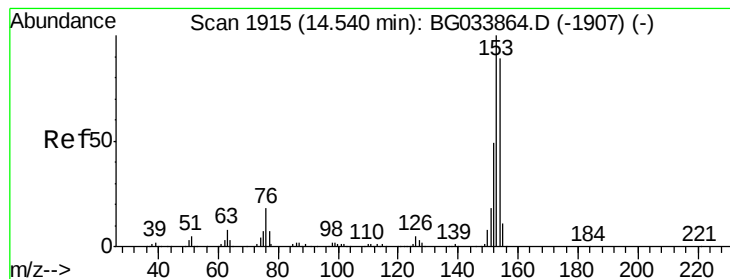
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.9	8.2	12.4



#50
2,6-Dinitrotoluene
Concen: 44.054 ng
RT: 14.04 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.2	52.7	79.1
89	57.1	49.2	73.8





#51

Acenaphthene

Concen: 37.217 ng

RT: 14.52 min Scan# 1912

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

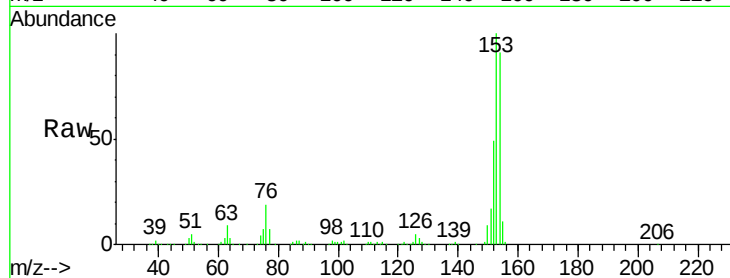
Tot Ion:154 Resp: 455945

Ion Ratio Lower Upper

154 100

153 109.8 90.4 135.6

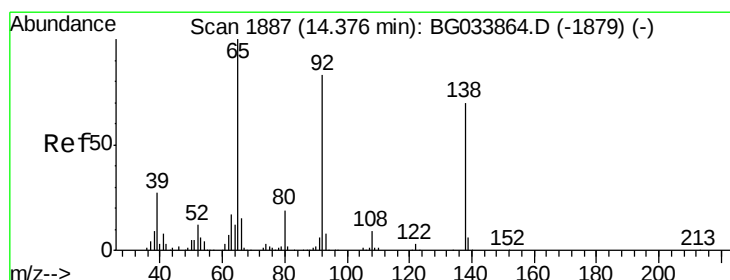
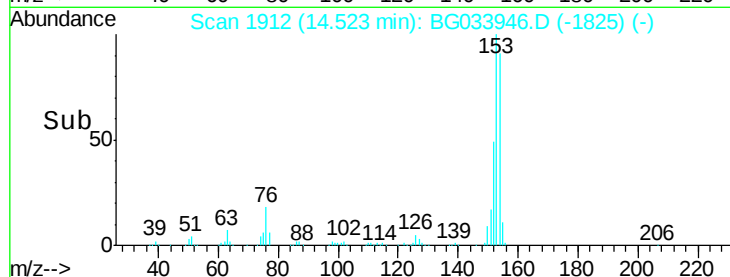
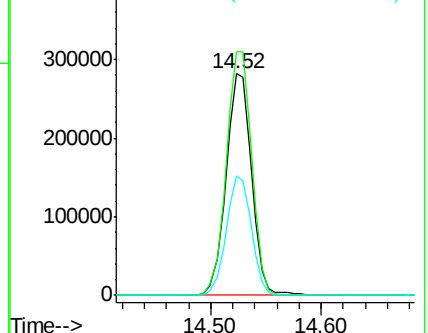
152 53.7 41.6 62.4



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: 9.968 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

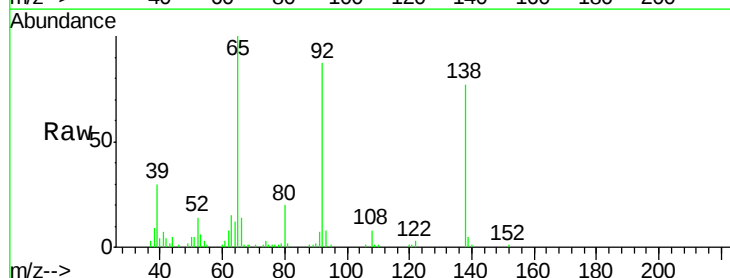
Tgt Ion:138 Resp: 34490

Ion Ratio Lower Upper

138 100

108 10.8 17.5 26.3#

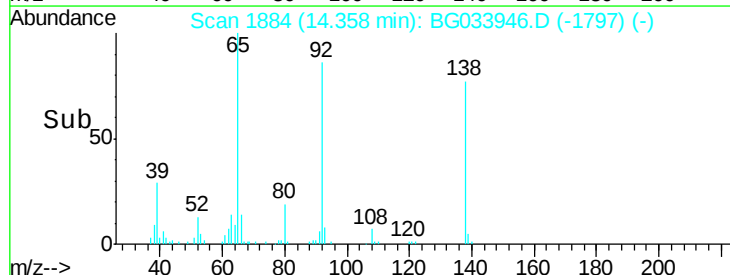
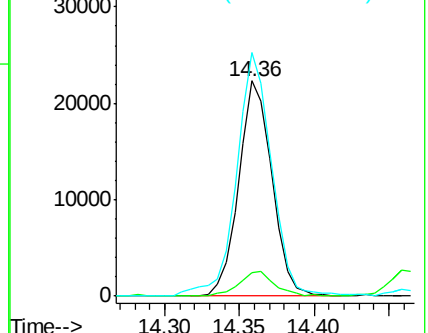
92 113.0 105.8 158.8

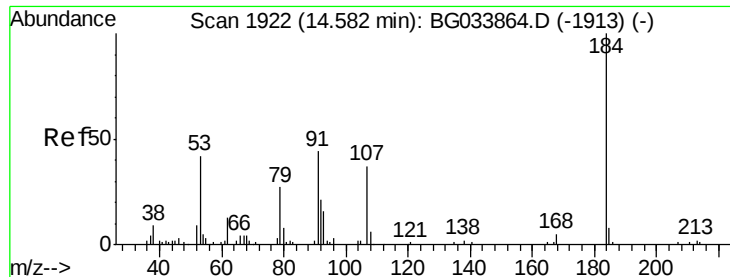


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

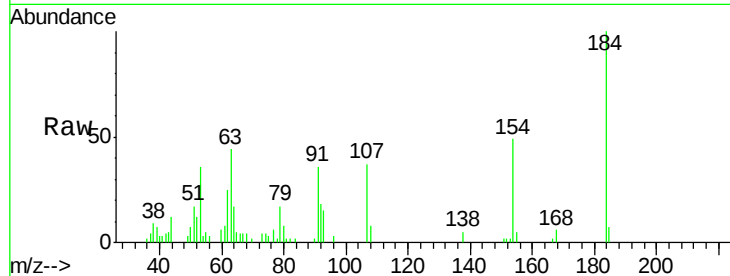




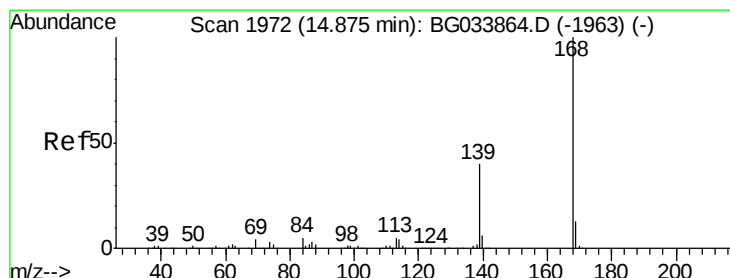
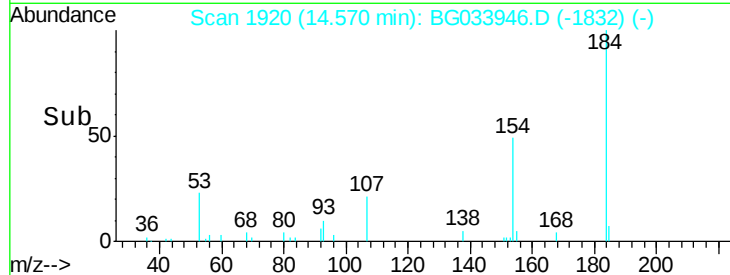
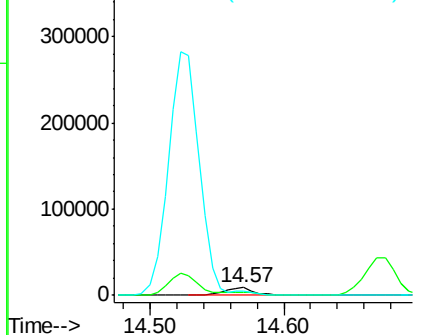
#53
 2,4-Dinitrophenol
 Concen: 12.665 ng
 RT: 14.57 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 14432
 Ion Ratio Lower Upper
 184 100
 63 44.3 59.8 89.8#
 154 48.8 101.8 152.8#

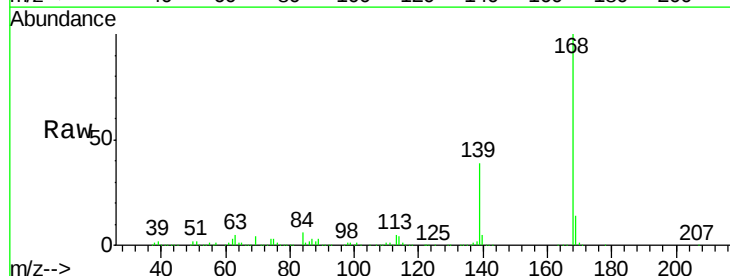


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

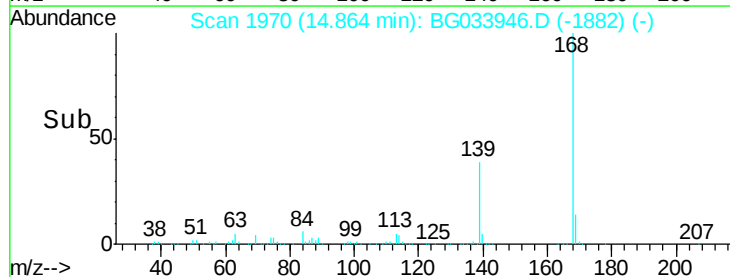
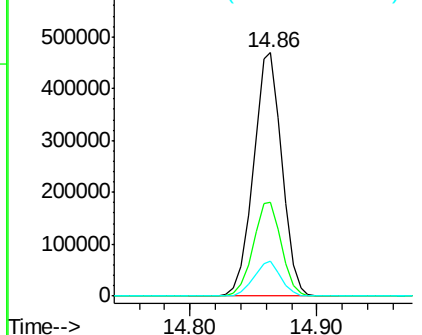


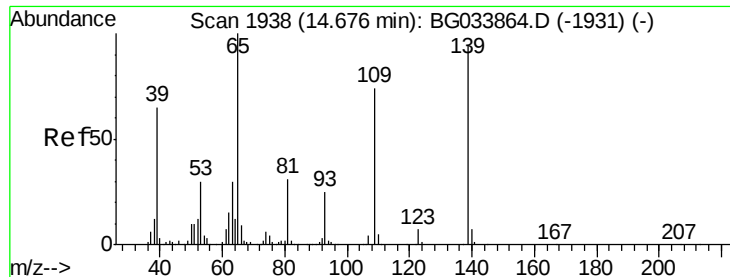
#54
 Dibenzofuran
 Concen: 40.116 ng
 RT: 14.86 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion:168 Resp: 728623
 Ion Ratio Lower Upper
 168 100
 139 38.7 28.6 43.0
 169 14.2 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

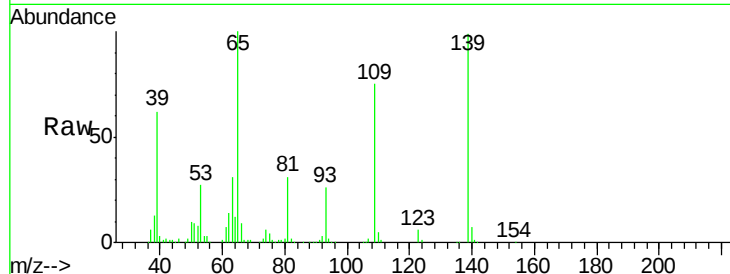




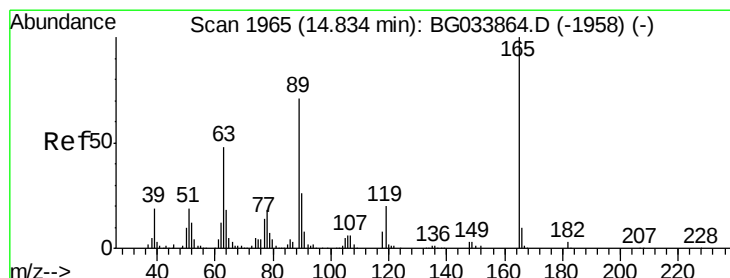
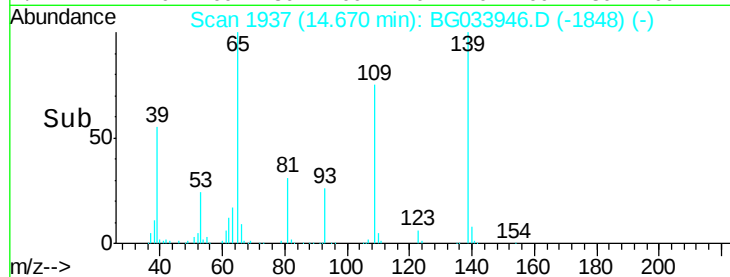
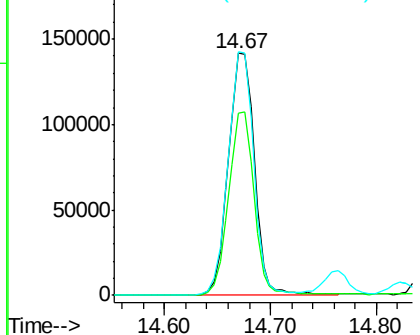
#55
4-Nitrophenol
Concen: 89.335 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	75.3	62.2	102.2
65	100.5	97.2	137.2



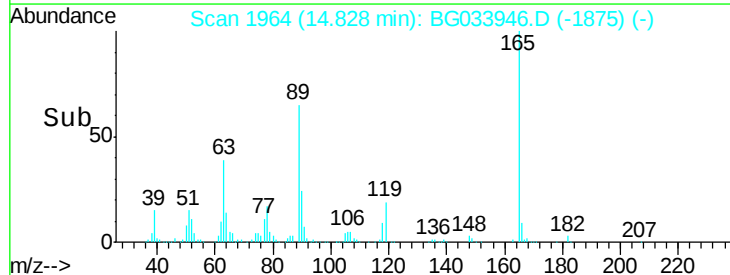
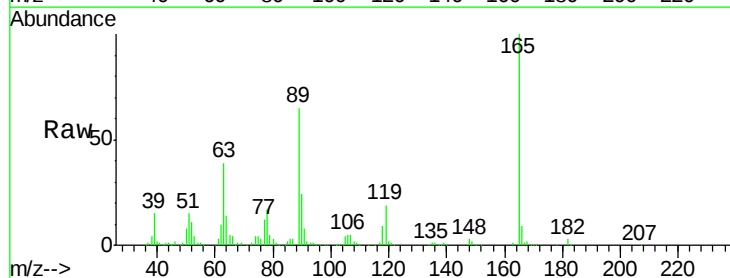
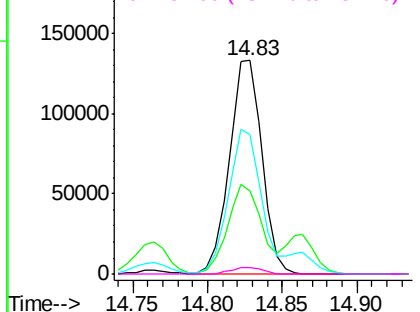
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

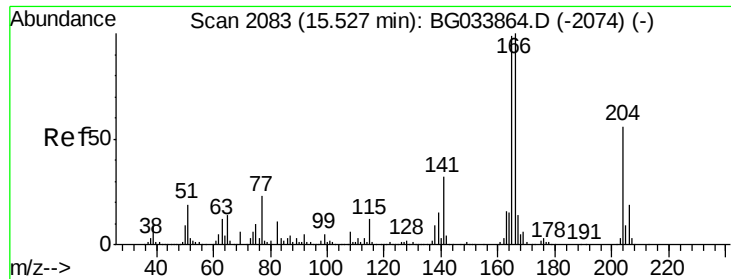


#56
2,4-Dinitrotoluene
Concen: 47.986 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	38.7	42.0	63.0#
89	65.1	66.9	100.3#
182	3.1	2.6	3.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

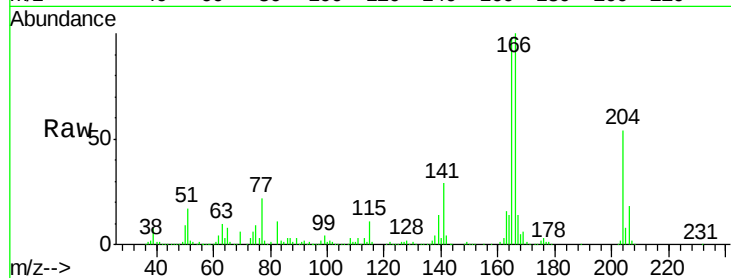




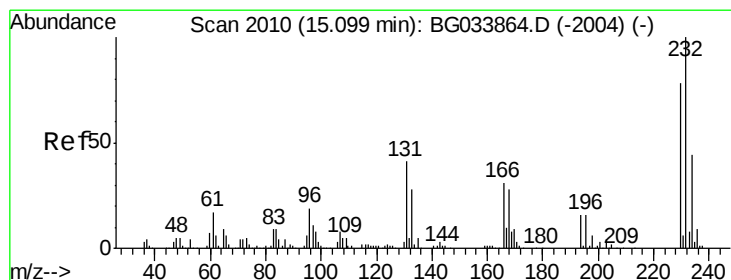
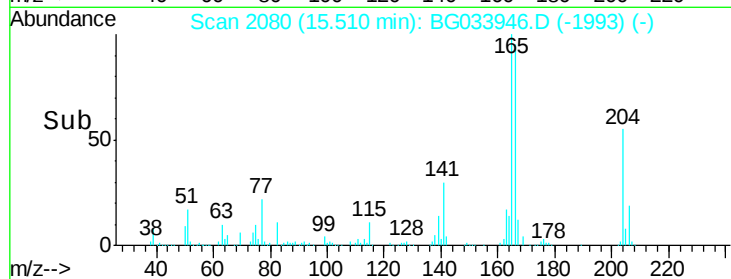
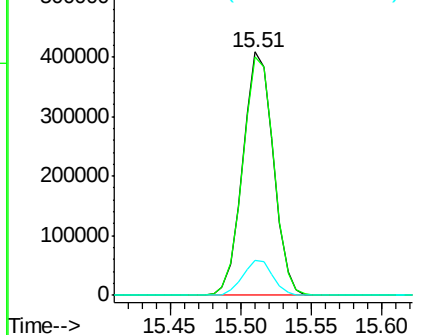
#57
Fluorene
 Concen: 39.193 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 616010
 Ion Ratio Lower Upper
 166 100
 165 98.2 80.6 121.0
 167 14.2 10.4 15.6

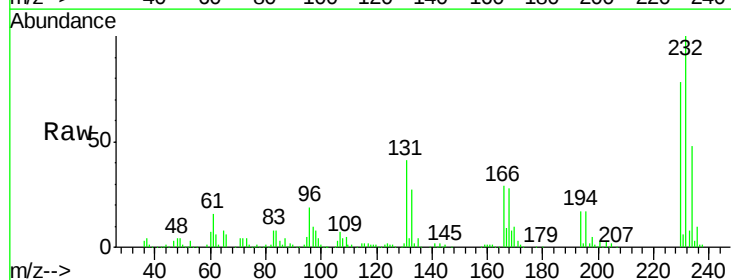


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

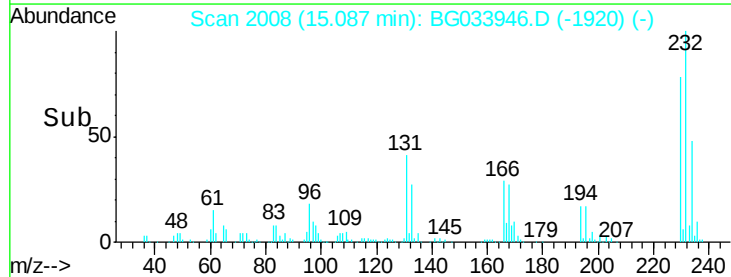
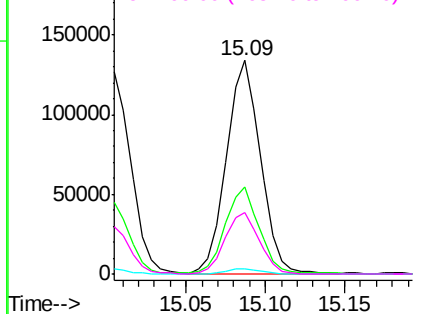


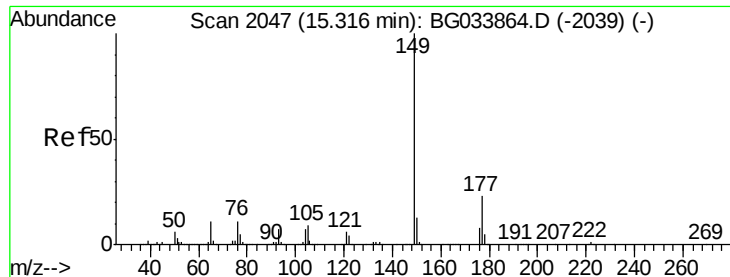
#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.100 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion:232 Resp: 200009
 Ion Ratio Lower Upper
 232 100
 131 40.2 33.5 50.3
 130 2.4 2.2 3.2
 166 29.1 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

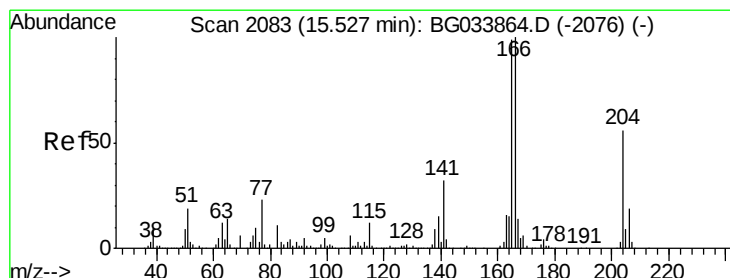
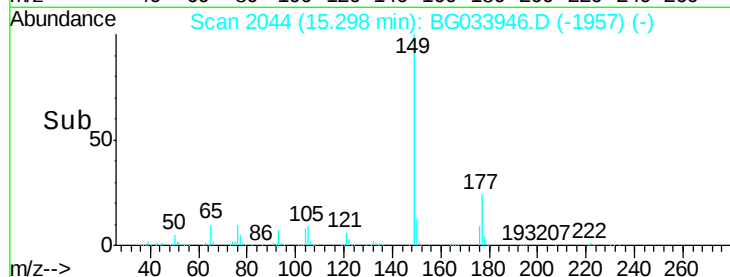
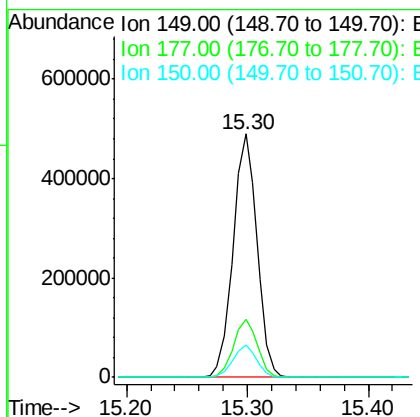
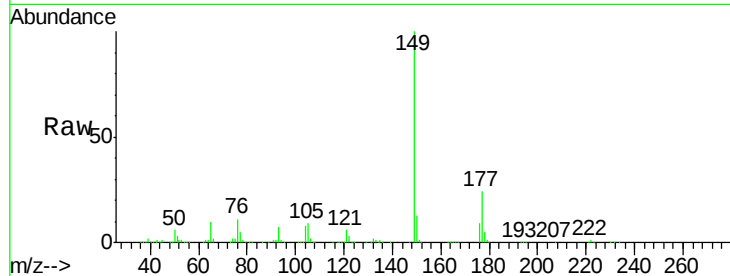




#59
Diethylphthalate
Concen: 38.016 ng
RT: 15.30 min Scan# 2044
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

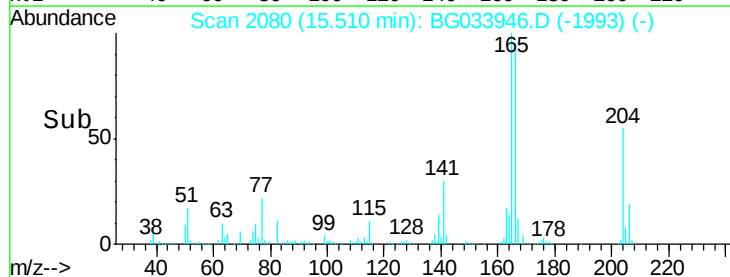
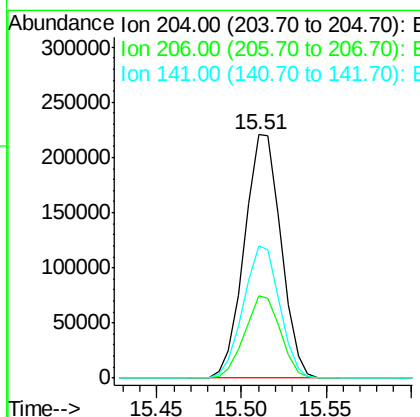
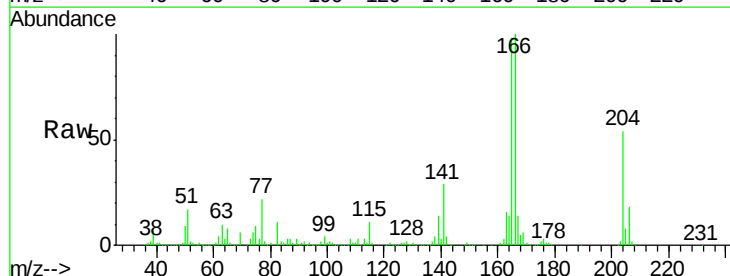
Instrument :
BNA_G
ClientSampleId :

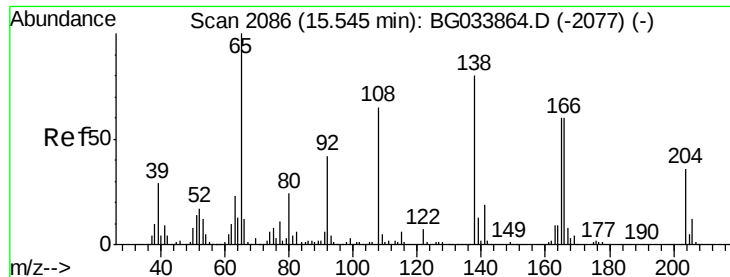
Tot Ion:149 Resp: 675634
Ion Ratio Lower Upper
149 100
177 23.7 18.5 27.7
150 13.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 40.479 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion:204 Resp: 332774
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 54.5 45.8 68.6

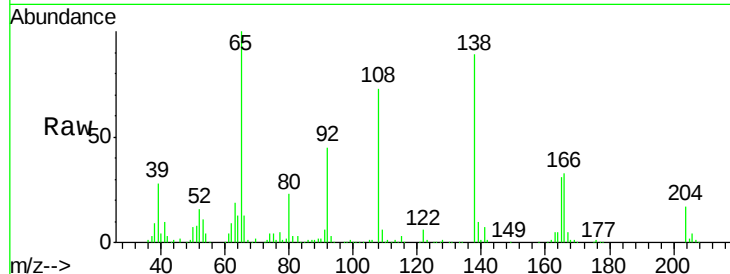




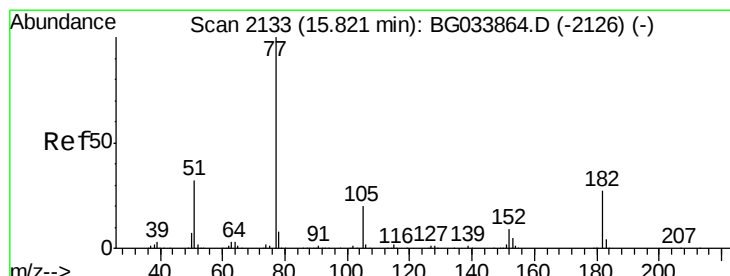
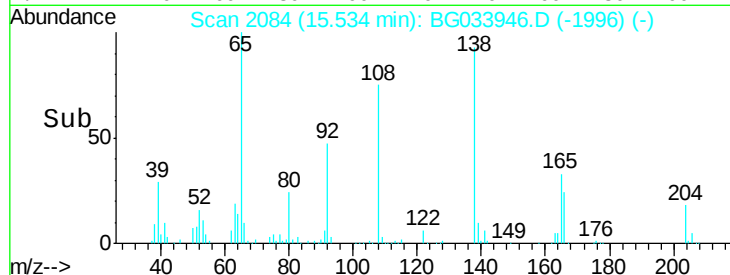
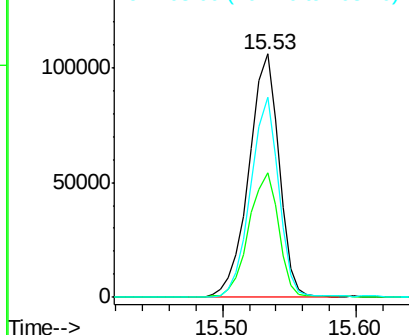
#61
4-Nitroaniline
Concen: 44.867 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 164826
Ion Ratio Lower Upper
138 100
92 51.0 40.1 80.1
108 82.2 65.4 105.4

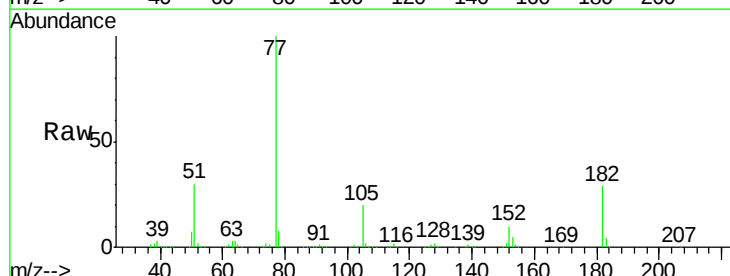


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

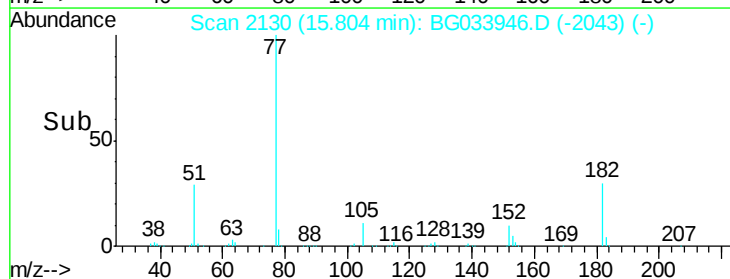
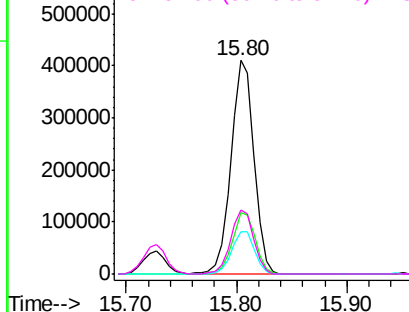


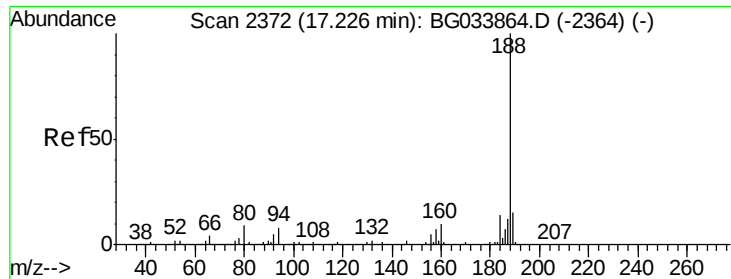
#62
Azobenzene
Concen: 37.806 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion: 77 Resp: 598939
Ion Ratio Lower Upper
77 100
182 28.6 7.4 47.4
105 19.9 0.3 40.3
51 30.2 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.21 min Scan# 2369

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

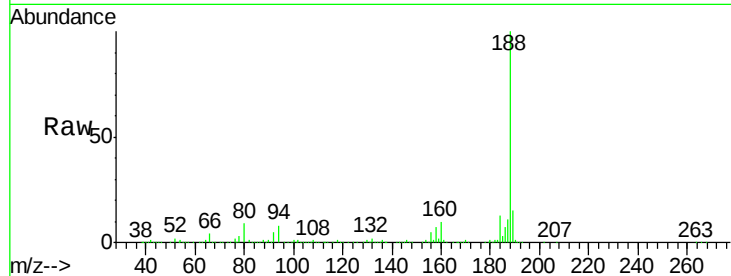
Tot Ion:188 Resp: 504721

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

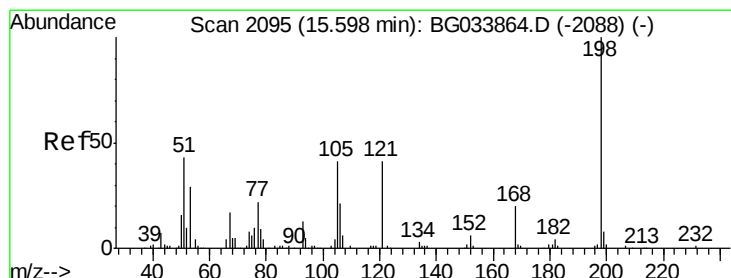
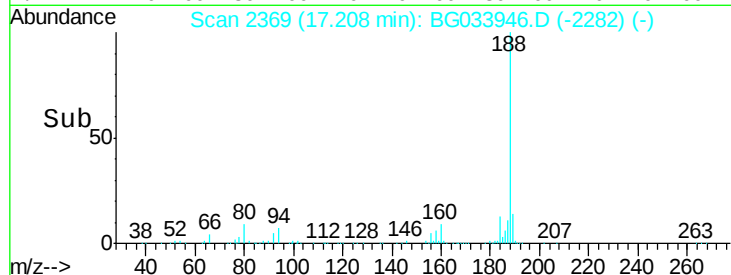
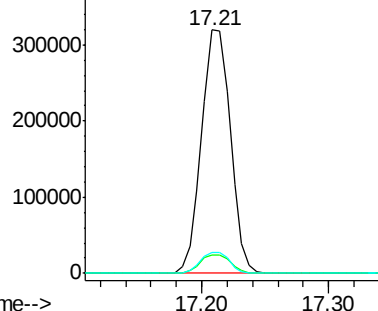
80 8.8 7.7 11.5



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: 15.590 ng

RT: 15.59 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

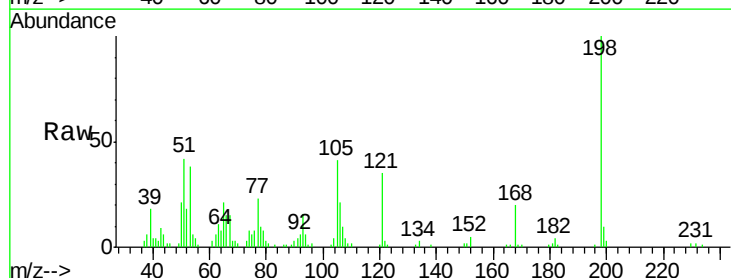
Tgt Ion:198 Resp: 25577

Ion Ratio Lower Upper

198 100

51 41.7 30.6 70.6

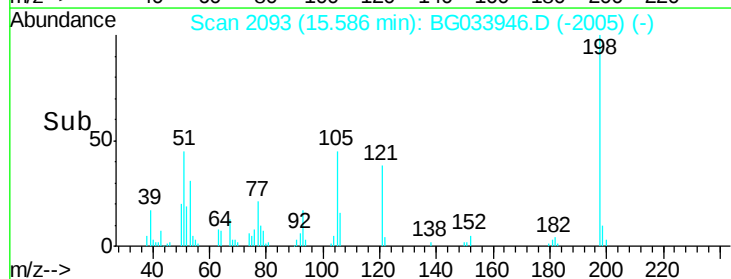
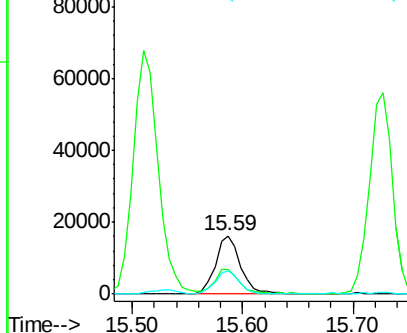
105 41.2 23.8 63.8

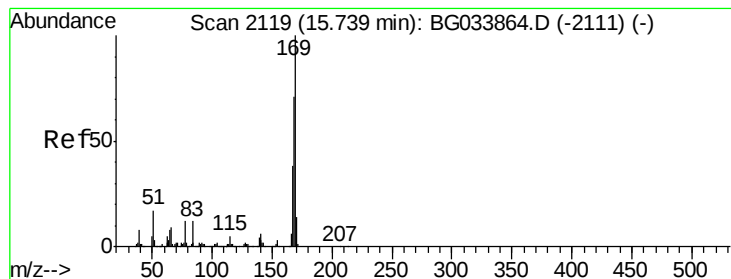


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.727 ng

RT: 15.73 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampled :

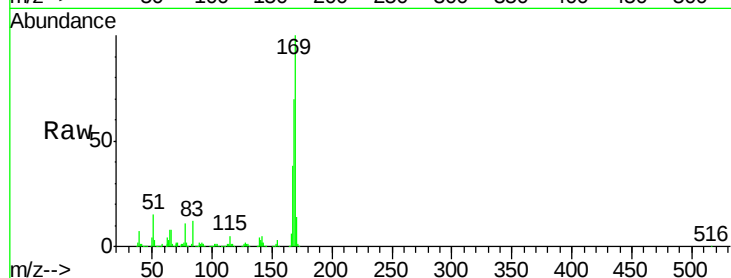
Tot Ion:169 Resp: 553592

Ion Ratio Lower Upper

169 100

168 70.0 55.7 83.5

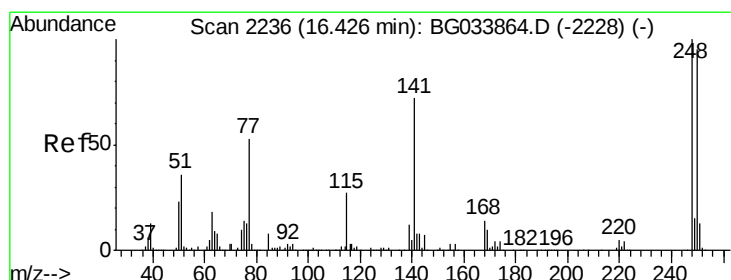
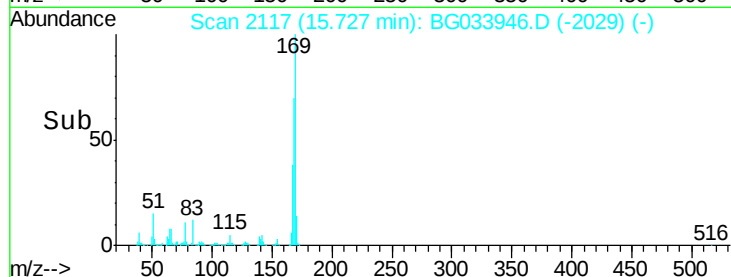
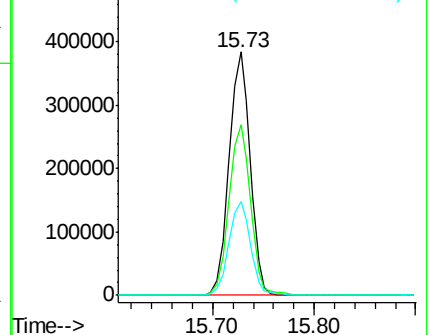
167 38.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.020 ng

RT: 16.41 min Scan# 2233

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

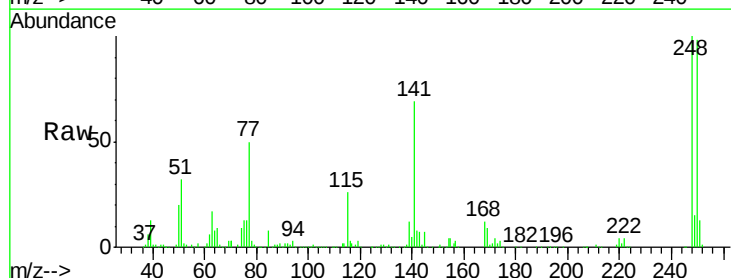
Tgt Ion:248 Resp: 216284

Ion Ratio Lower Upper

248 100

250 97.9 77.1 115.7

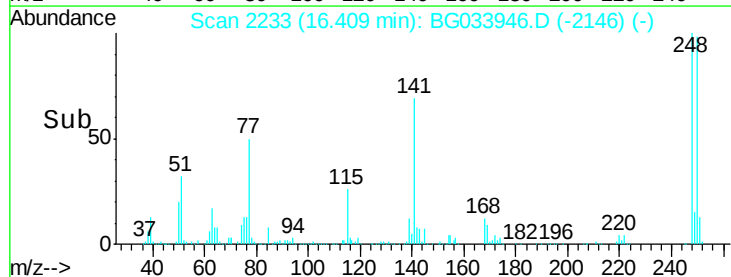
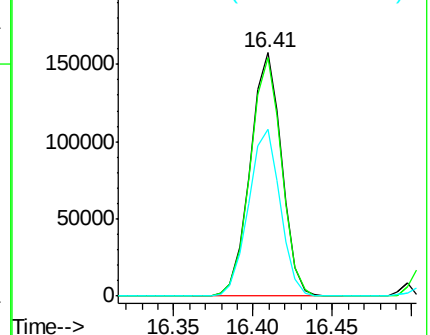
141 68.8 50.8 76.2

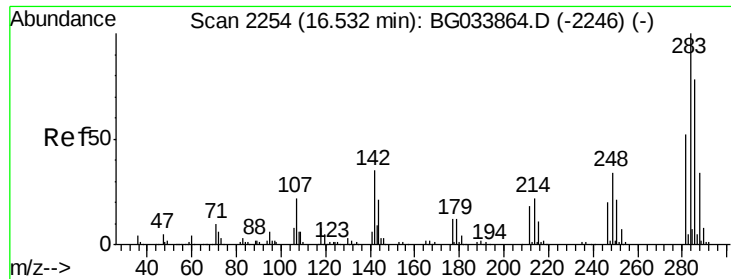


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.167 ng

RT: 16.51 min Scan# 2251

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

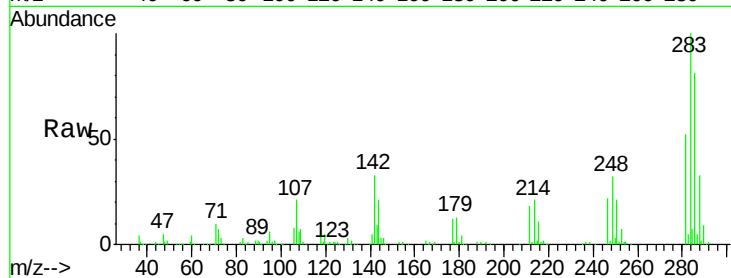
Tot Ion:284 Resp: 225616

Ion Ratio Lower Upper

284 100

142 33.4 26.8 40.2

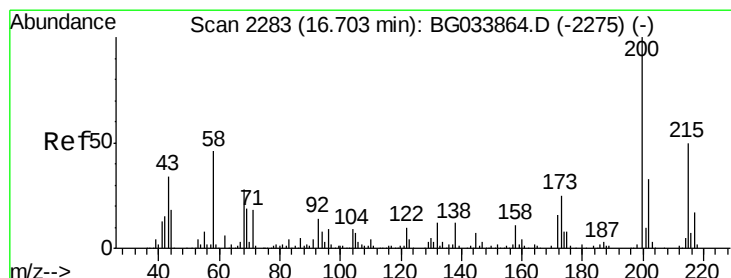
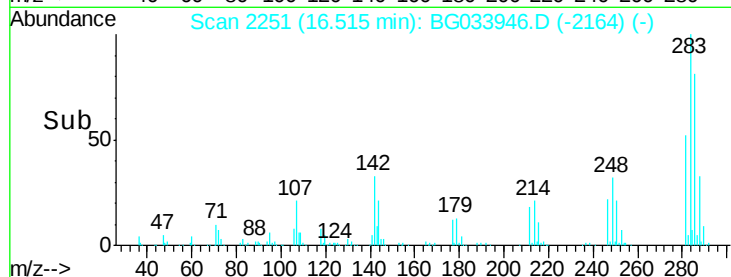
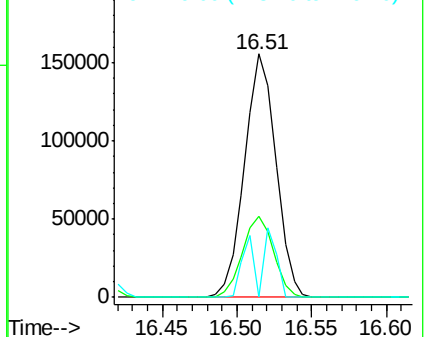
249 2.6 26.3 39.5#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.286 ng

RT: 16.69 min Scan# 2280

Delta R.T. -0.02 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

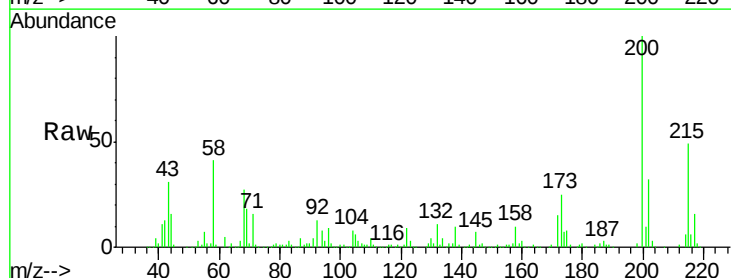
Tgt Ion:200 Resp: 248832

Ion Ratio Lower Upper

200 100

173 24.9 5.2 45.2

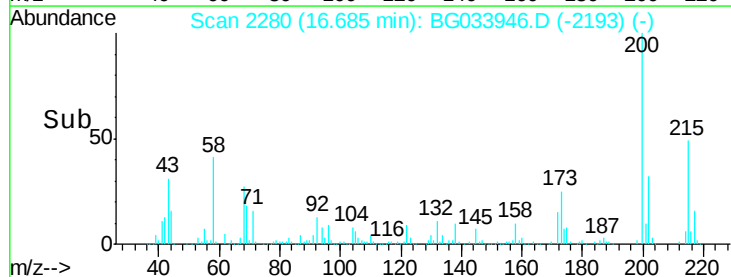
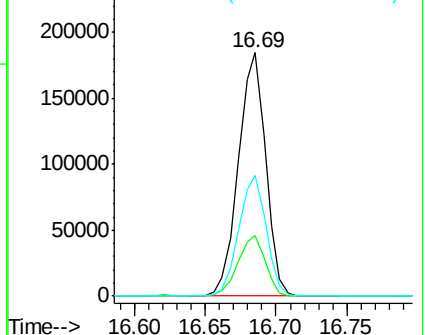
215 49.4 30.4 70.4

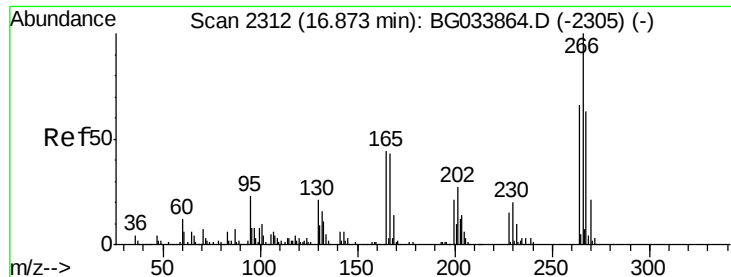


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

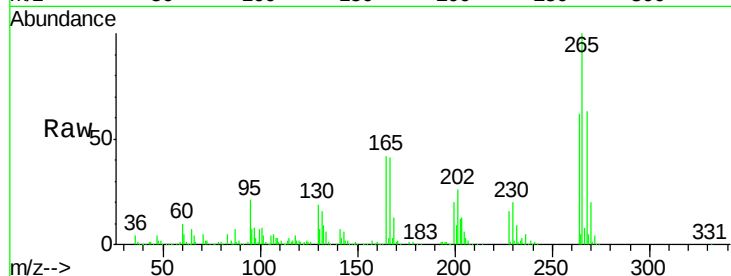




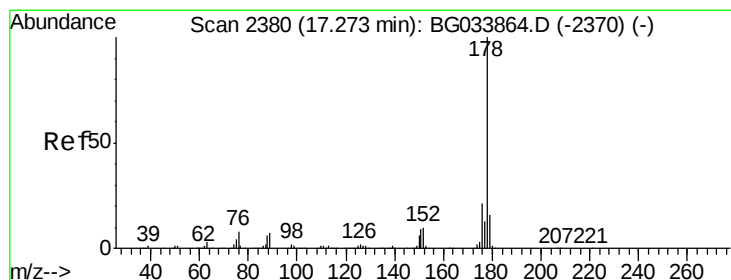
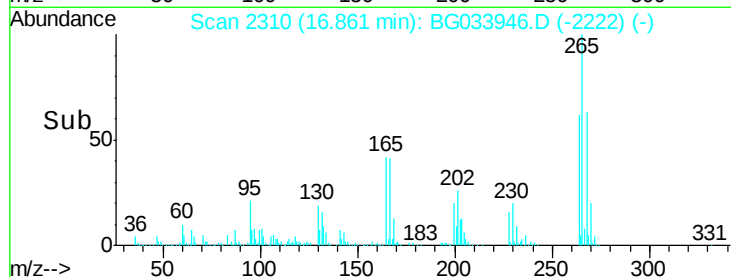
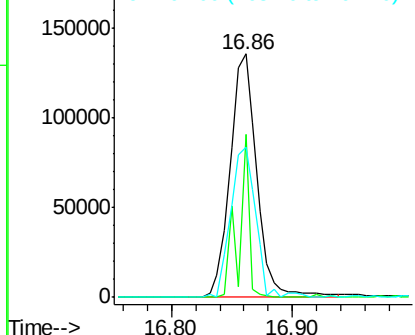
#69
 Pentachlorophenol
 Concen: 51.679 ng
 RT: 16.86 min Scan# 2310
 Delta R.T. -0.01 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 209838
 Ion Ratio Lower Upper
 266 100
 268 67.2 51.1 76.7
 264 67.1 49.6 74.4

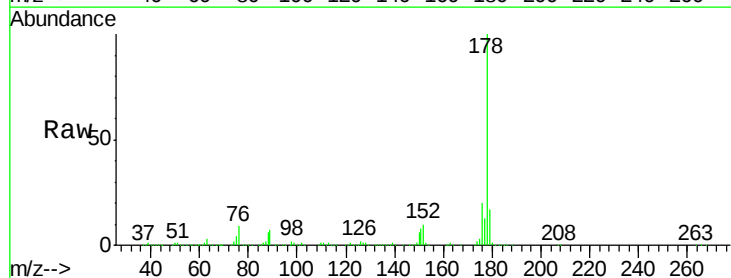


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

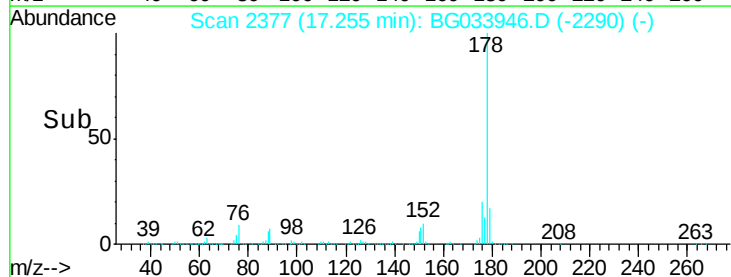
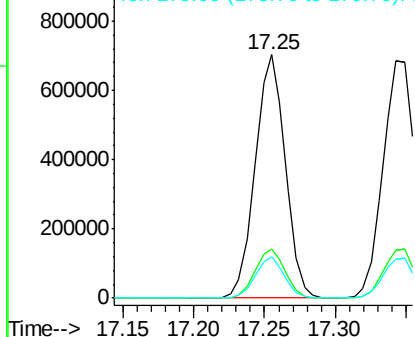


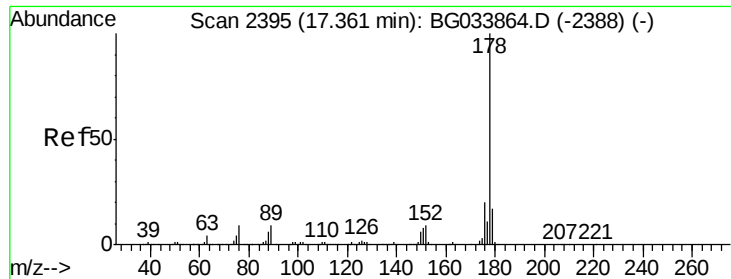
#70
 Phenanthrene
 Concen: 38.746 ng
 RT: 17.25 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion:178 Resp: 1049104
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.7 23.5
 179 16.8 12.5 18.7



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

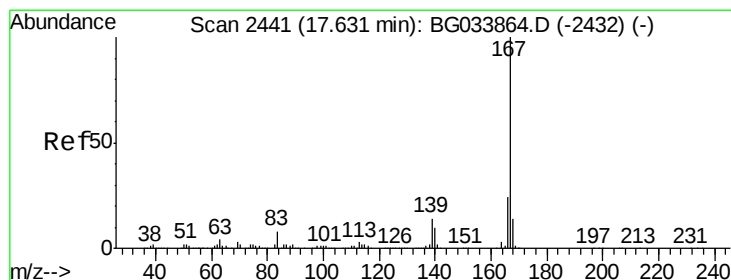
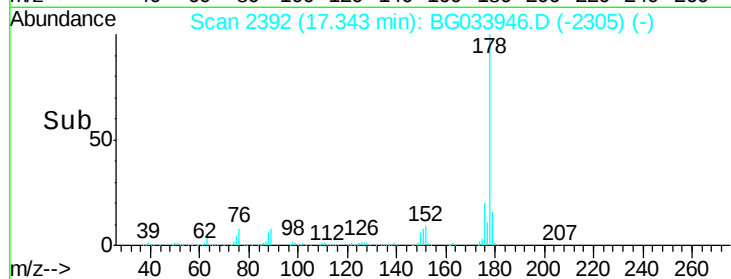
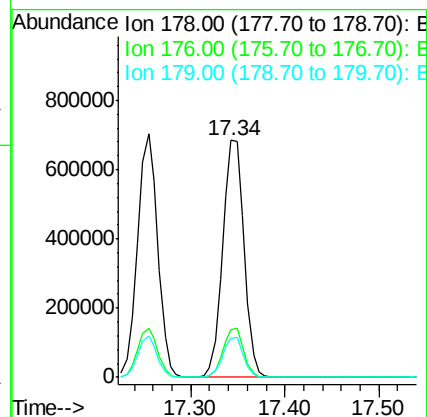
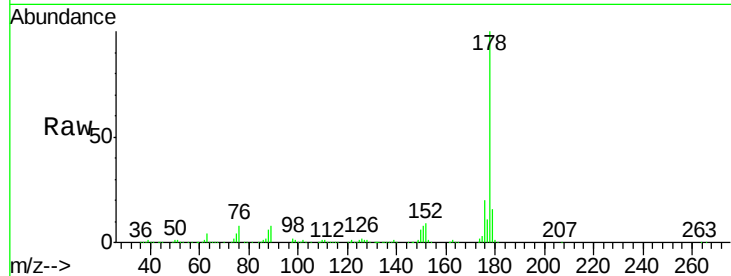




#71
 Anthracene
 Concen: 40.079 ng
 RT: 17.34 min Scan# 2392
 Delta R.T. -0.02 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

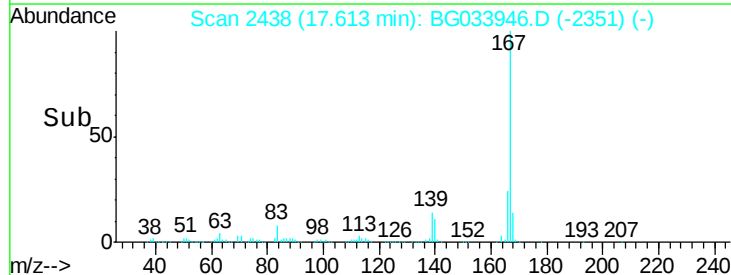
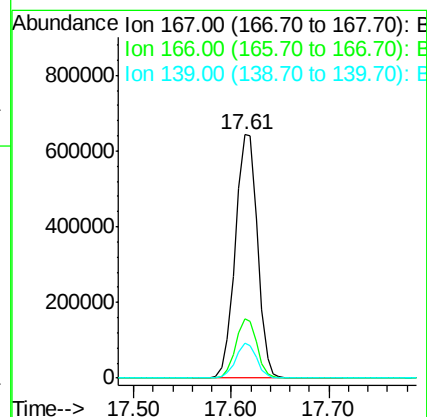
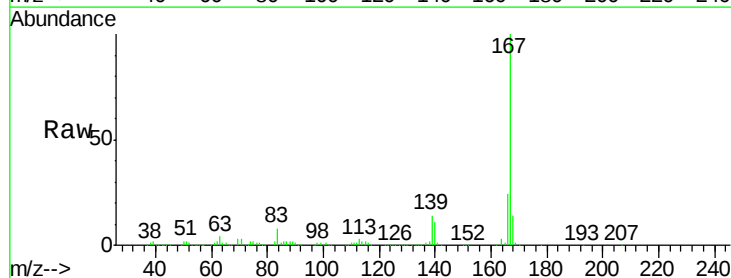
Instrument :
 BNA_G
 ClientSampleId :

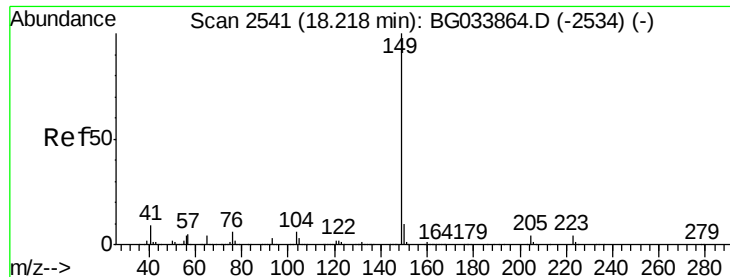
Tot Ion:178 Resp: 1085227
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 16.4 12.5 18.7



#72
 Carbazole
 Concen: 38.747 ng
 RT: 17.61 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion:167 Resp: 1012175
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.2 27.4
 139 14.1 9.4 14.2

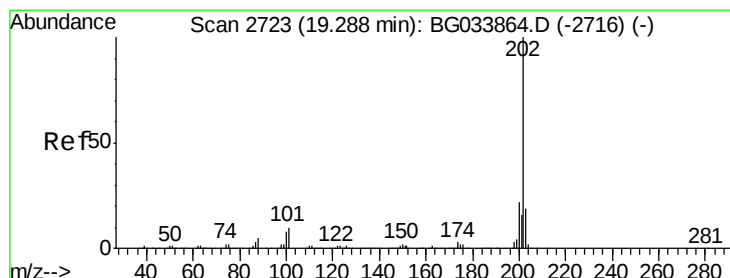
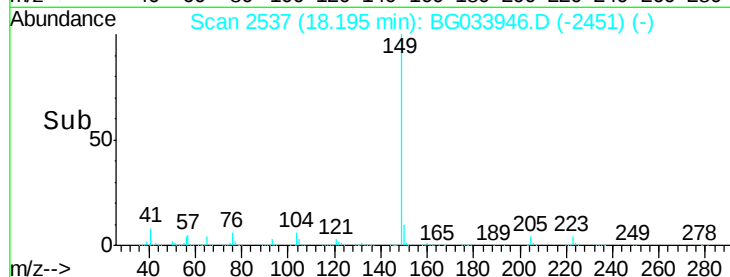
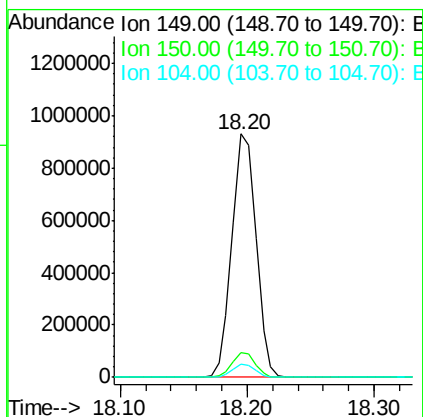
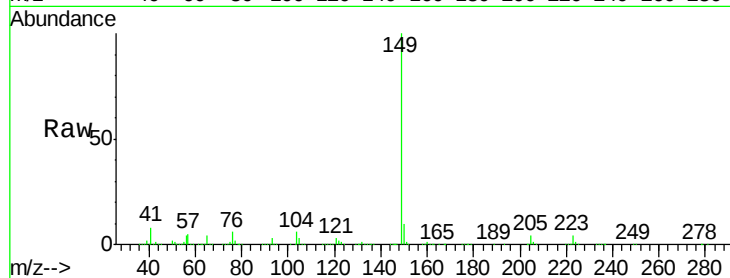




#73
Di-n-butylphthalate
Concen: 37.754 ng
RT: 18.20 min Scan# 2537
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

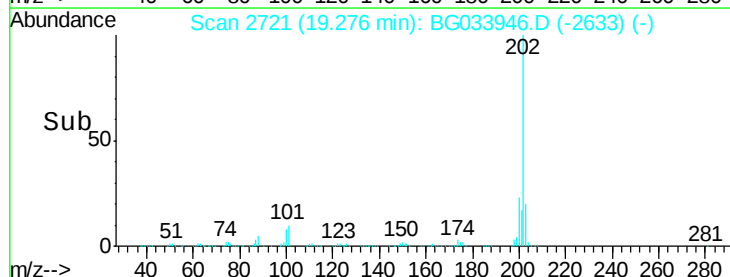
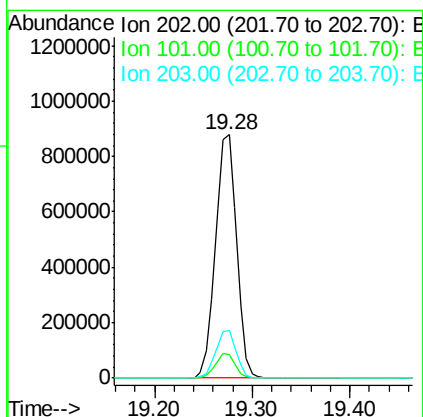
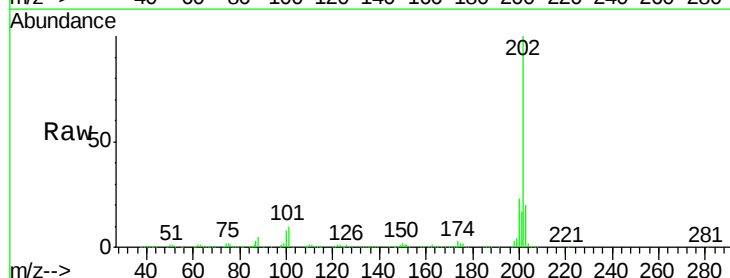
Instrument :
BNA_G
ClientSampleId :

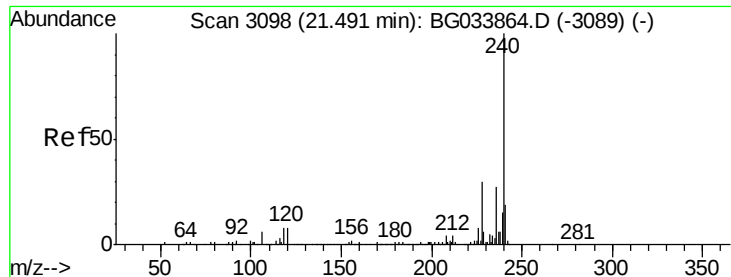
Tot Ion:149 Resp: 1226914
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 5.5 3.9 5.9



#74
Fluoranthene
Concen: 40.062 ng
RT: 19.28 min Scan# 2721
Delta R.T. -0.01 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion:202 Resp: 1312145
Ion Ratio Lower Upper
202 100
101 9.6 0.0 28.9
203 19.6 0.0 37.5

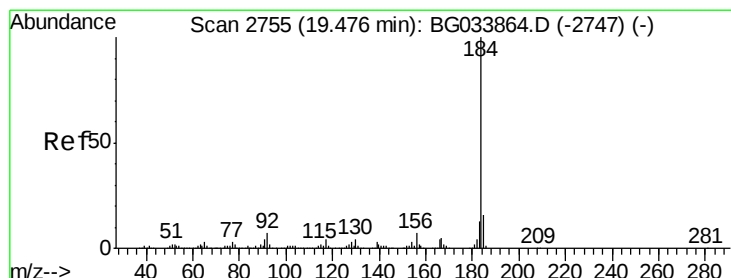
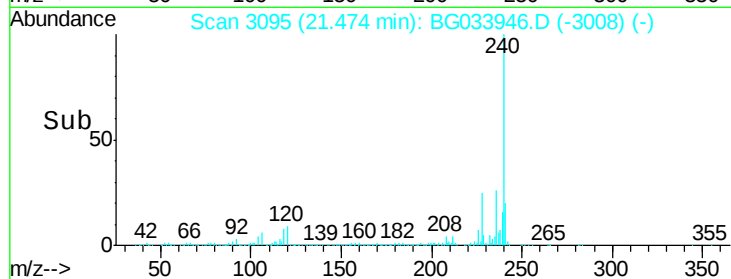
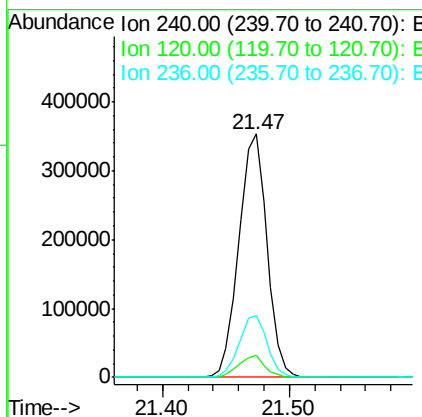
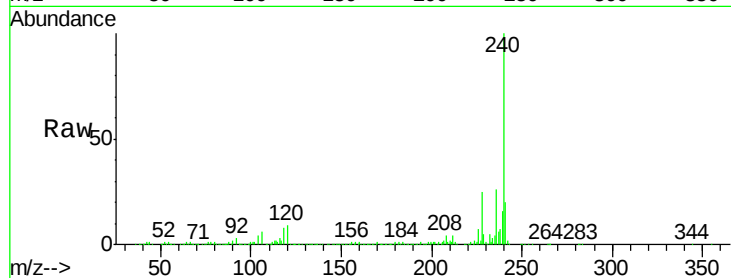




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

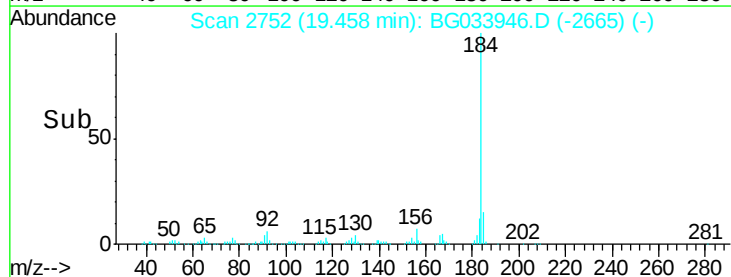
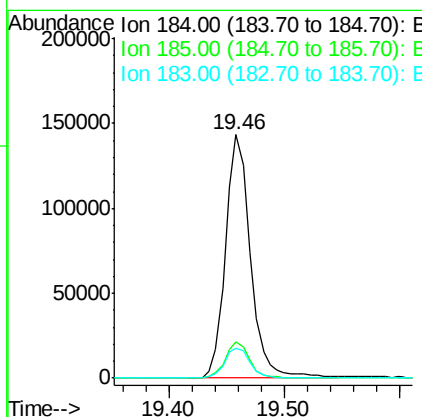
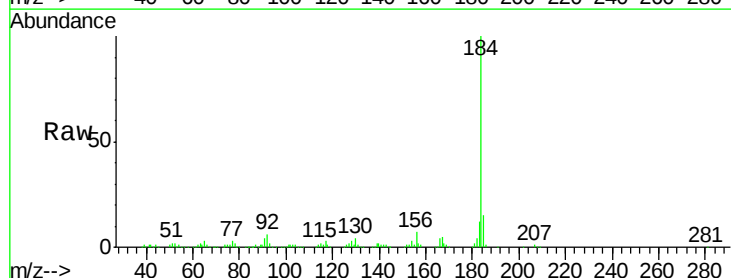
Instrument :
BNA_G
ClientSampleId :

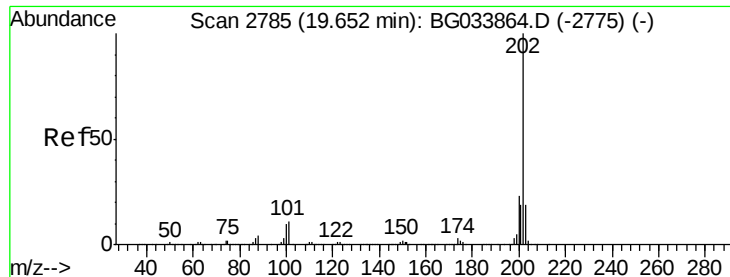
Tot Ion:240 Resp: 543243
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 25.6 20.9 31.3



#76
Benzidine
Concen: 14.670 ng
RT: 19.46 min Scan# 2752
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion:184 Resp: 215199
Ion Ratio Lower Upper
184 100
185 15.0 11.1 16.7
183 12.0 10.6 16.0

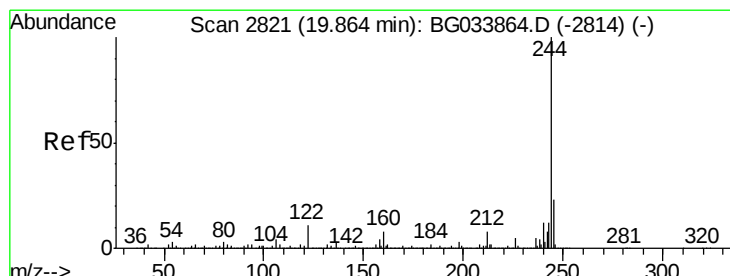
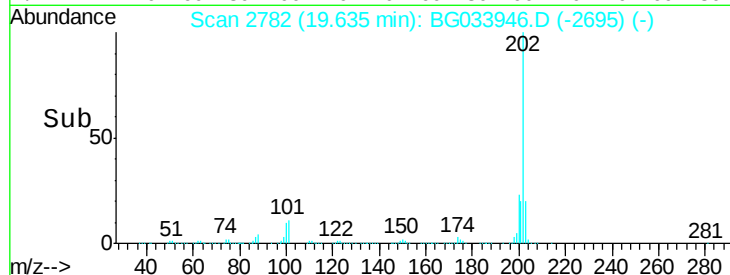
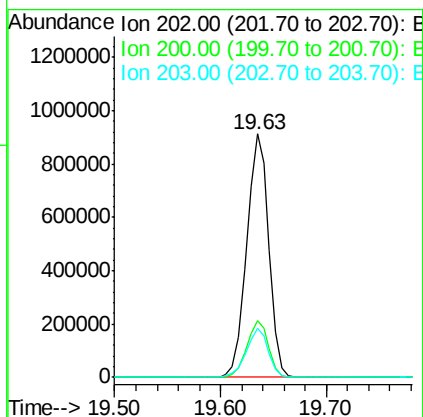
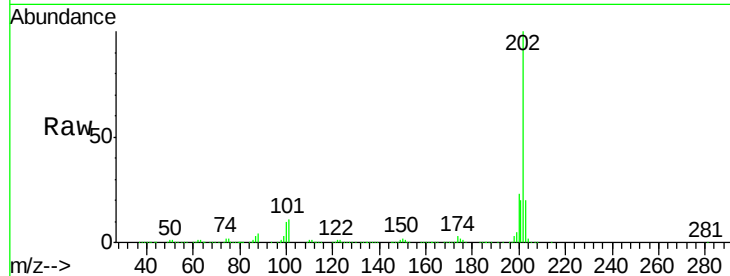




#77
Pvrene
Concen: 37.090 ng
RT: 19.63 min Scan# 2782
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

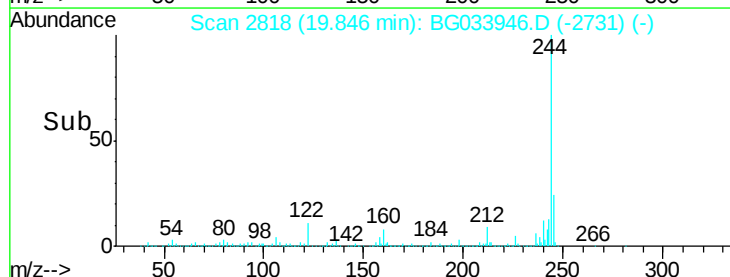
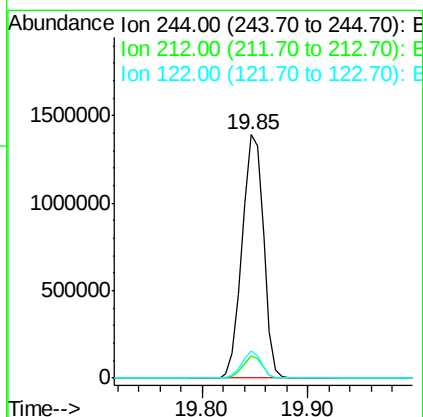
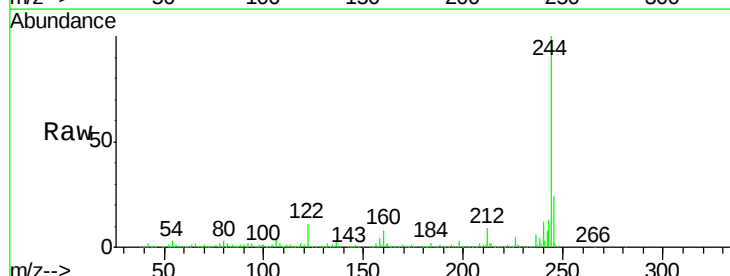
Instrument :
BNA_G
ClientSampleId :

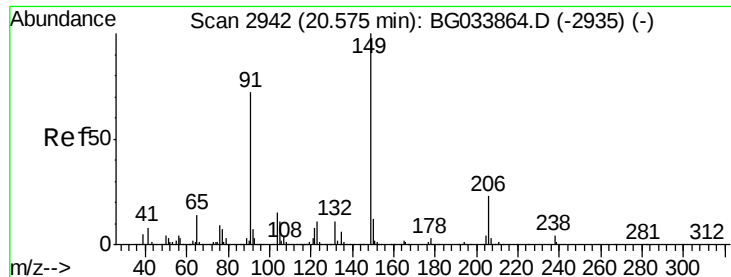
Tot Ion:202 Resp: 1321574
Ion Ratio Lower Upper
202 100
200 23.1 16.9 25.3
203 20.0 13.9 20.9



#78
Terphenyl-d14
Concen: 80.300 ng
RT: 19.85 min Scan# 2818
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion:244 Resp: 1941689
Ion Ratio Lower Upper
244 100
212 8.9 5.8 8.8#
122 11.1 7.0 10.4#

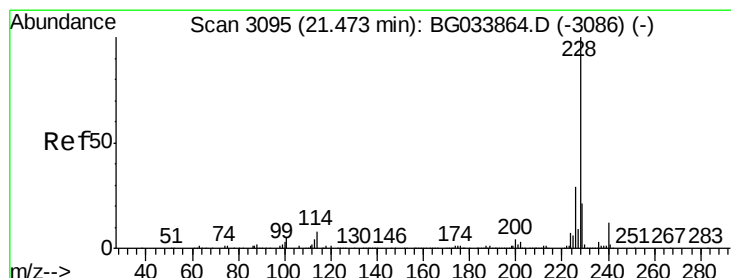
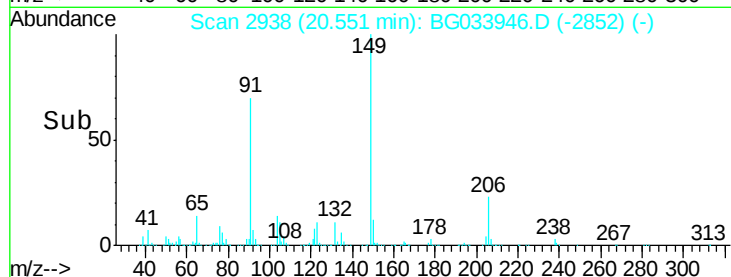
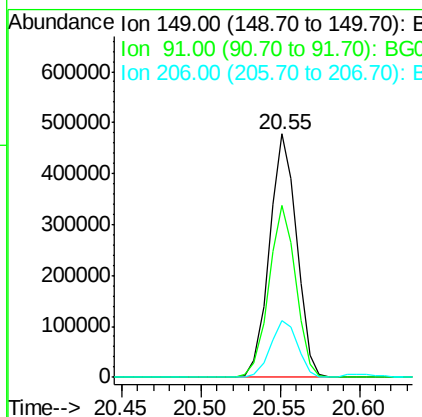
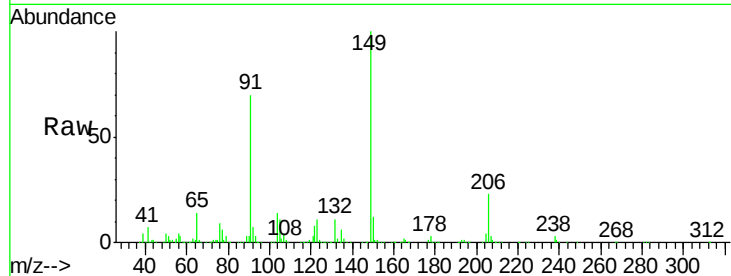




#79
Butylbenzylphthalate
Concen: 36.498 ng
RT: 20.55 min Scan# 2938
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

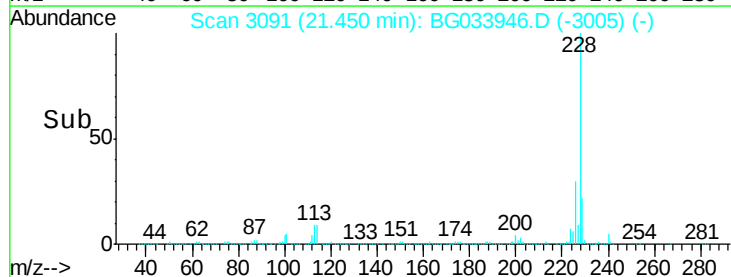
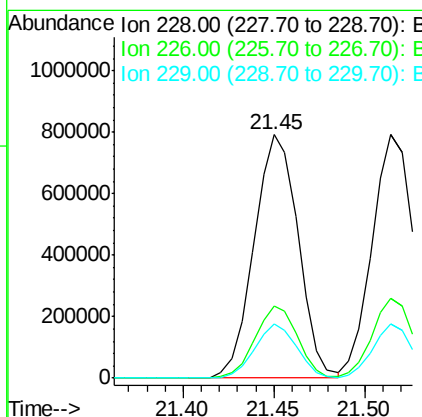
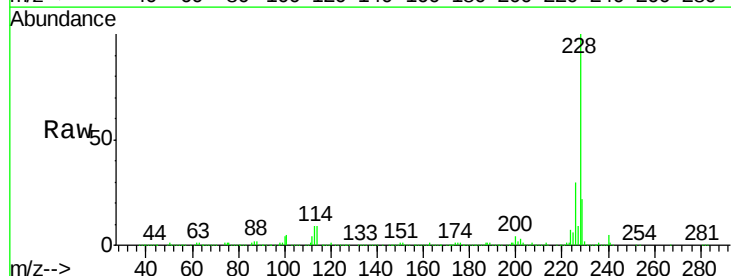
Instrument :
BNA_G
ClientSampleId :

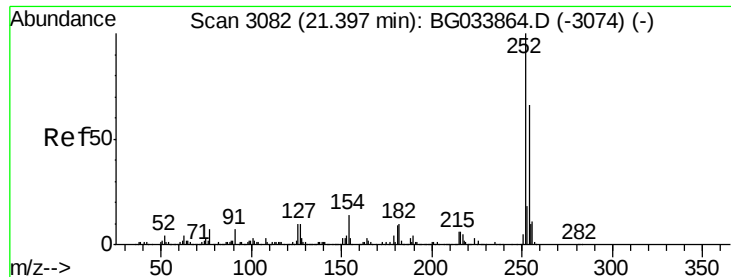
Tot Ion:149 Resp: 571095
Ion Ratio Lower Upper
149 100
91 70.4 62.2 93.2
206 23.2 18.6 27.8



#80
Benzo(a)anthracene
Concen: 38.997 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion:228 Resp: 1335857
Ion Ratio Lower Upper
228 100
226 29.5 22.7 34.1
229 22.1 16.2 24.2

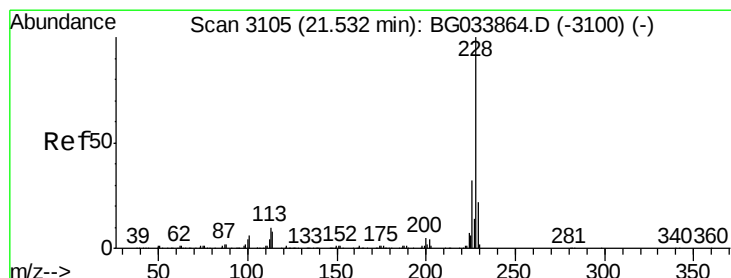
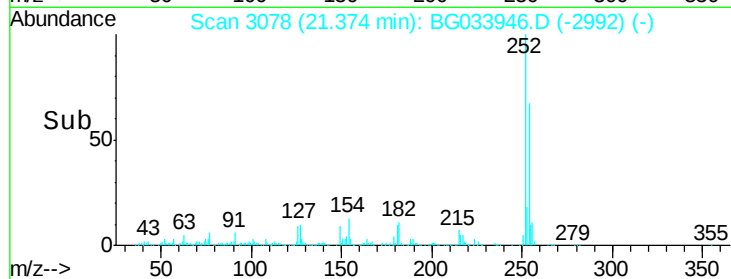
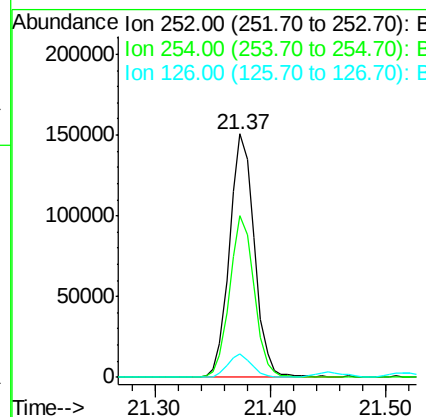
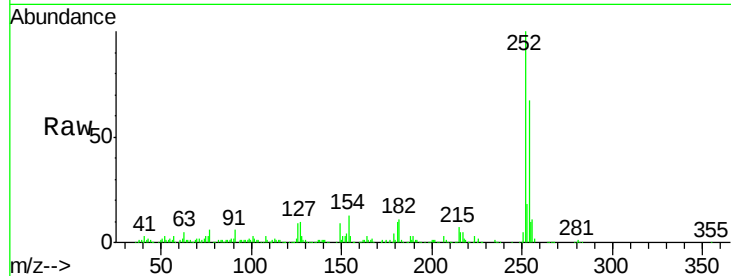




#81
 3,3'-Dichlorobenzidine
 Concen: 17.609 ng
 RT: 21.37 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

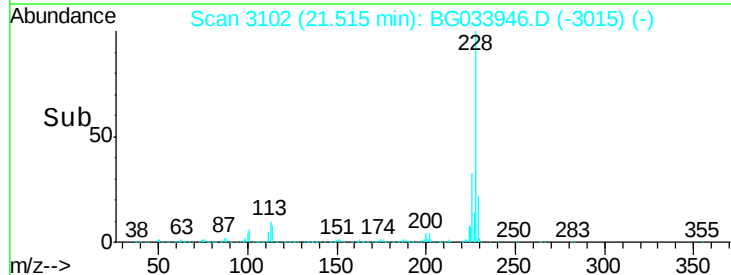
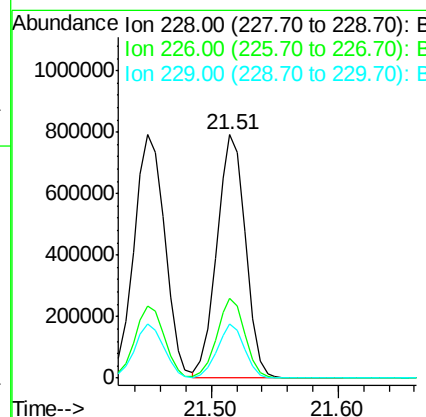
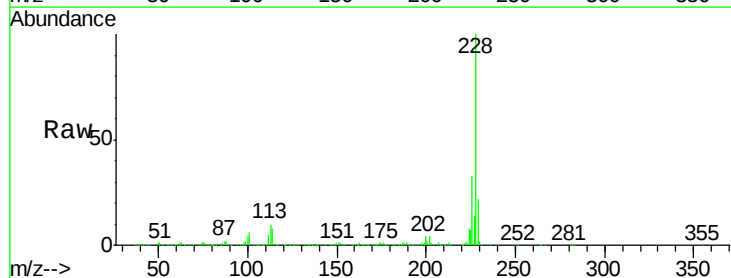
Instrument :
 BNA_G
 ClientSampleId :

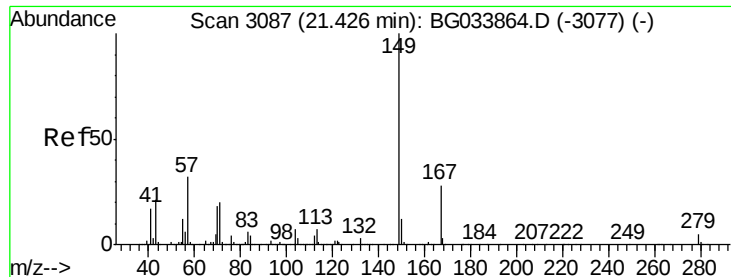
Tot Ion:252 Resp: 224916
 Ion Ratio Lower Upper
 252 100
 254 66.6 50.8 76.2
 126 9.4 7.4 11.2



#82
 Chrysene
 Concen: 37.982 ng
 RT: 21.51 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion:228 Resp: 1242466
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.9 37.3
 229 22.0 15.0 22.4

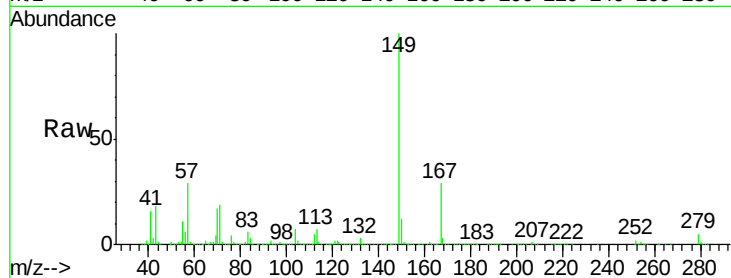




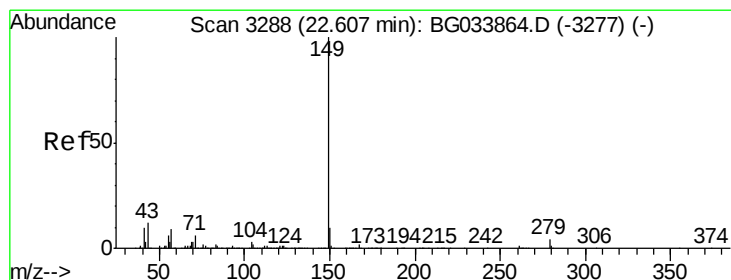
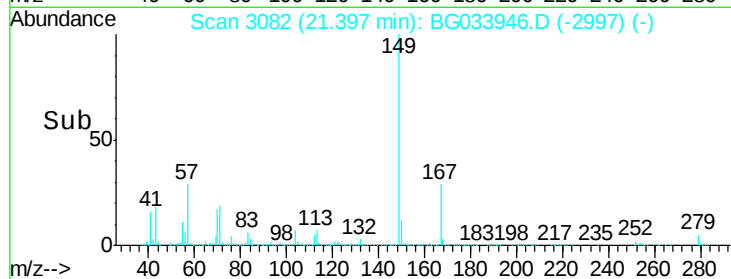
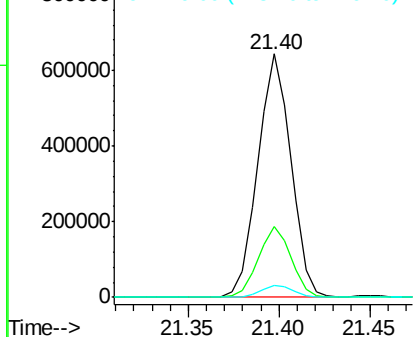
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.852 ng
 RT: 21.40 min Scan# 3082
 Delta R.T. -0.03 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 814375
 Ion Ratio Lower Upper
 149 100
 167 28.9 24.3 36.5
 279 4.8 4.0 6.0

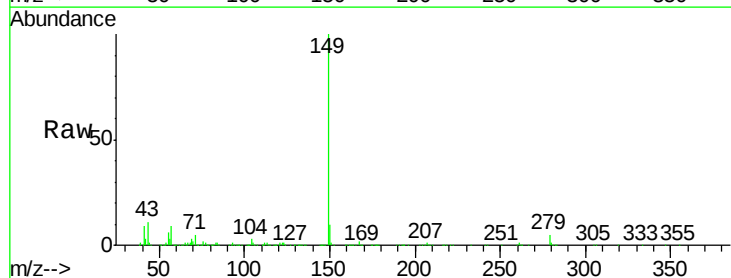


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

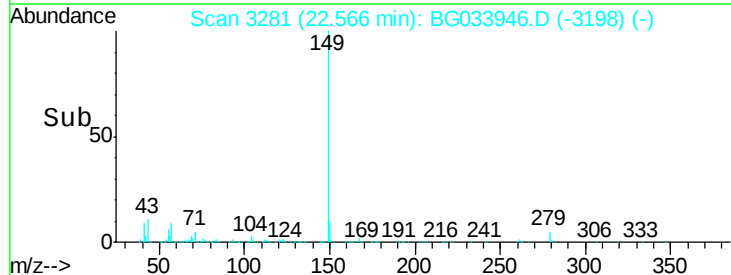
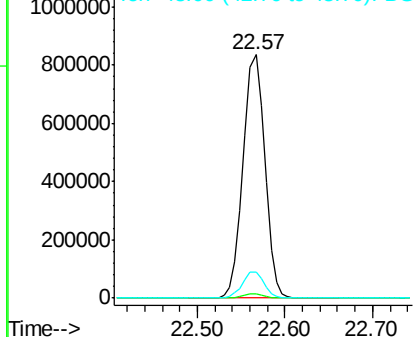


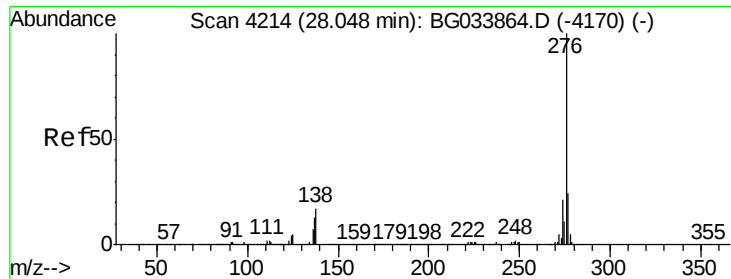
#84
 Di-n-octyl phthalate
 Concen: 39.897 ng
 RT: 22.57 min Scan# 3281
 Delta R.T. -0.04 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion:149 Resp: 1399405
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 10.7 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): BG0

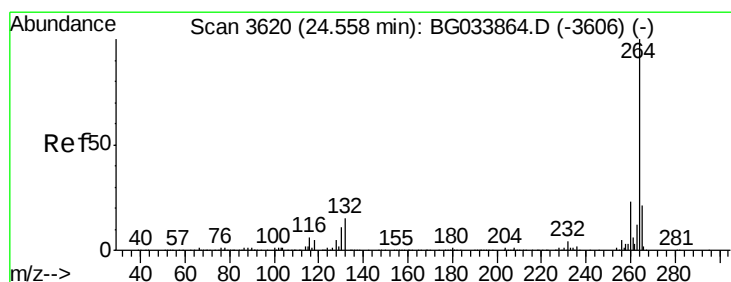
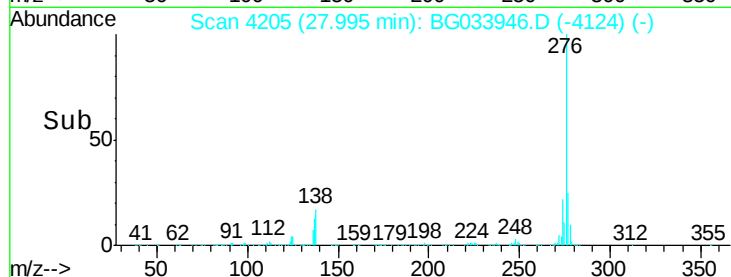
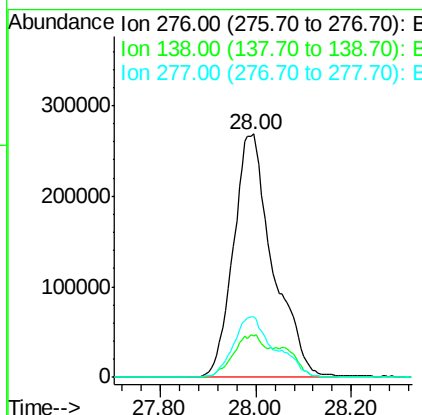
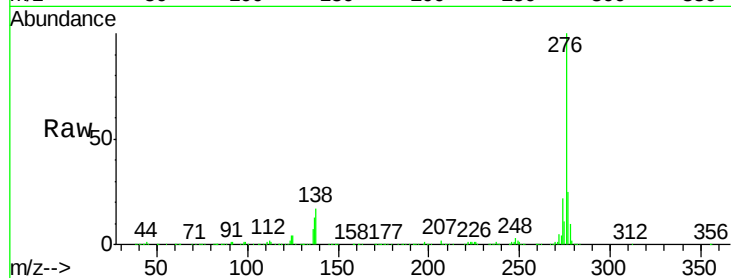




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.270 ng
 RT: 28.00 min Scan# 4205
 Delta R.T. -0.05 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

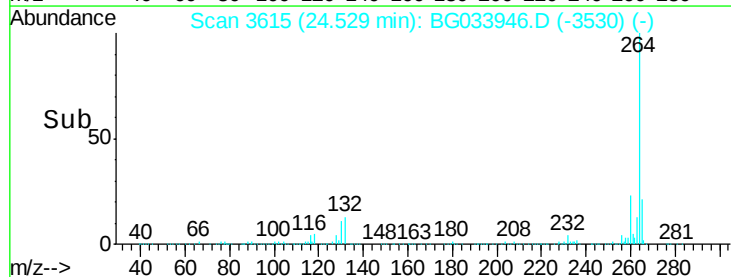
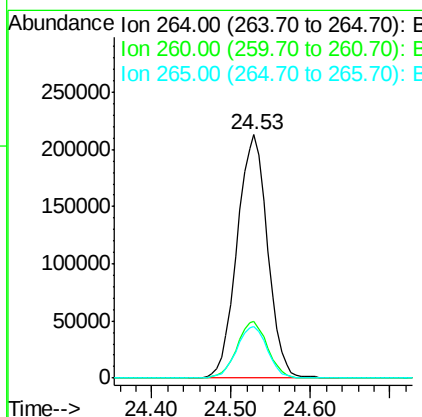
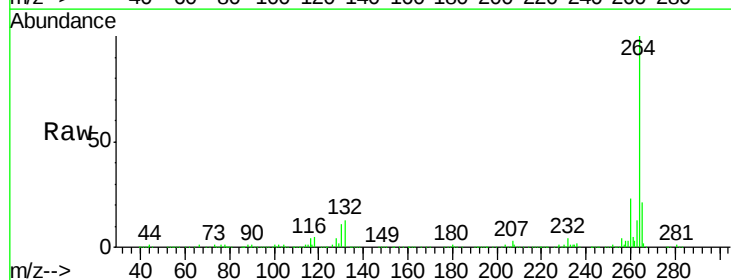
Instrument :
 BNA_G
 ClientSampleId :

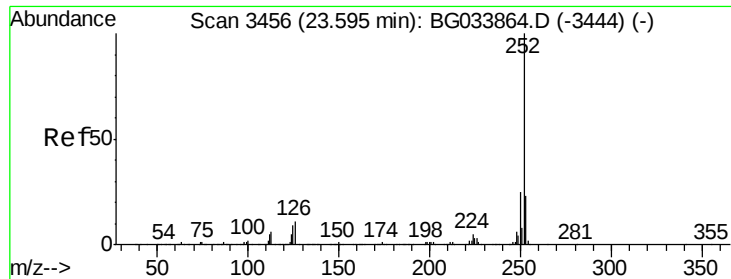
Tot Ion:276 Resp: 1536735
 Ion Ratio Lower Upper
 276 100
 138 13.6 16.0 24.0#
 277 26.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.53 min Scan# 3615
 Delta R.T. -0.03 min
 Lab File: BG033946.D
 Acq: 24 Apr 2018 8:00

Tgt Ion:264 Resp: 567184
 Ion Ratio Lower Upper
 264 100
 260 23.5 17.4 26.0
 265 21.0 17.7 26.5

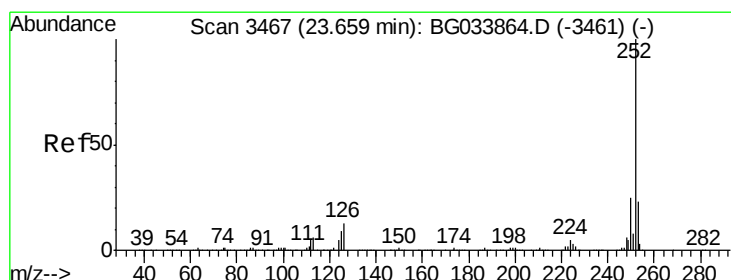
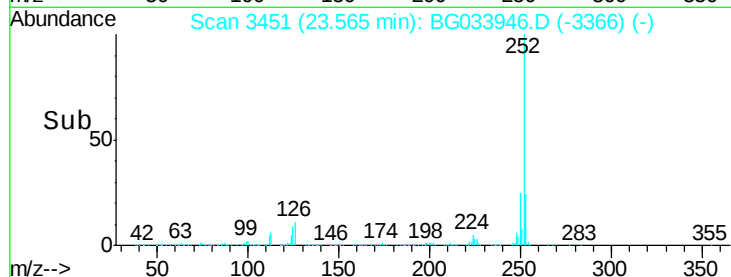
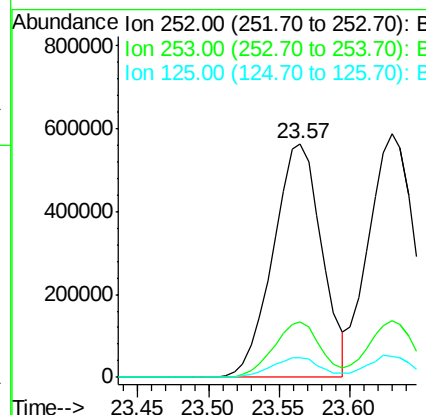
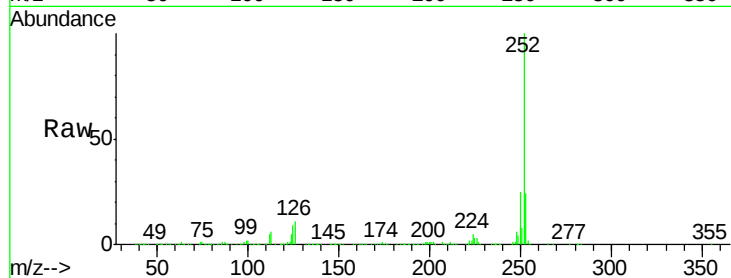




#87
Benzo(b)fluoranthene
Concen: 39.101 ng
RT: 23.57 min Scan# 3451
Delta R.T. -0.03 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

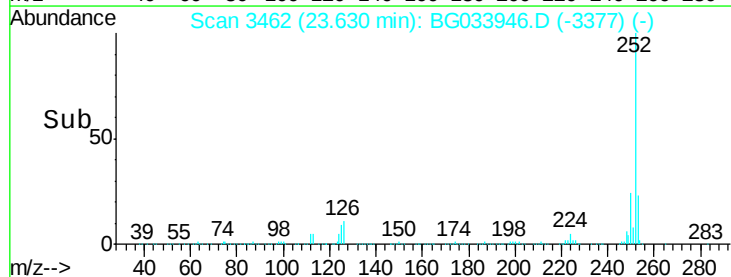
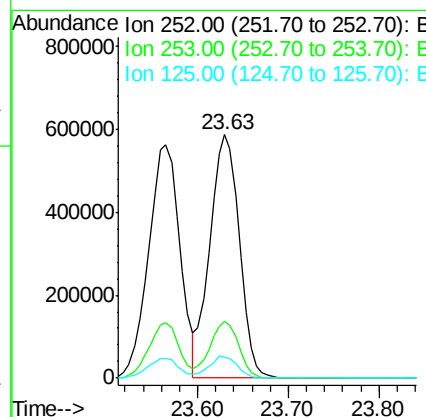
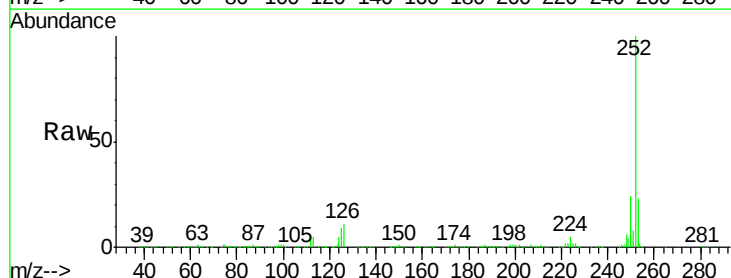
Instrument :
BNA_G
ClientSampleId :

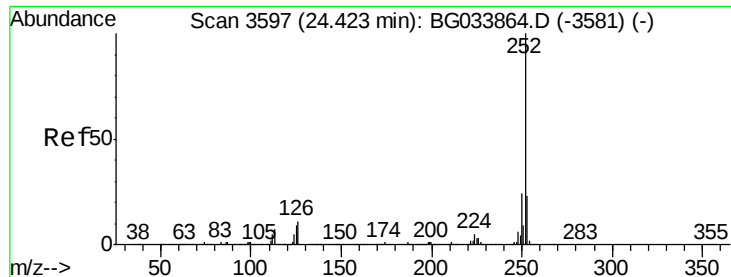
Tot Ion:252 Resp: 1352955
Ion Ratio Lower Upper
252 100
253 23.5 18.2 27.4
125 8.5 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 38.528 ng
RT: 23.63 min Scan# 3462
Delta R.T. -0.03 min
Lab File: BG033946.D
Acq: 24 Apr 2018 8:00

Tgt Ion:252 Resp: 1324228
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.2
125 8.7 6.6 9.8





#89

Benzo(a)pyrene

Concen: 39.994 ng

RT: 24.39 min Scan# 3591

Delta R.T. -0.04 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

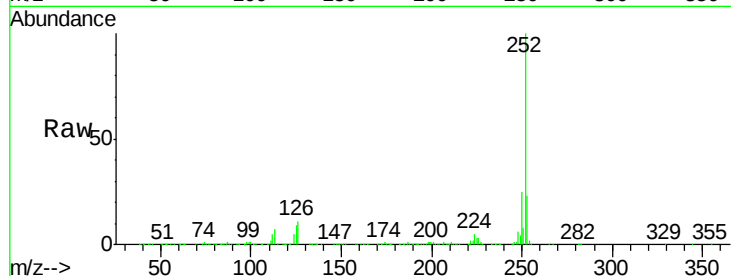
Tot Ion:252 Resp: 1325338

Ion Ratio Lower Upper

252 100

253 23.0 18.3 27.5

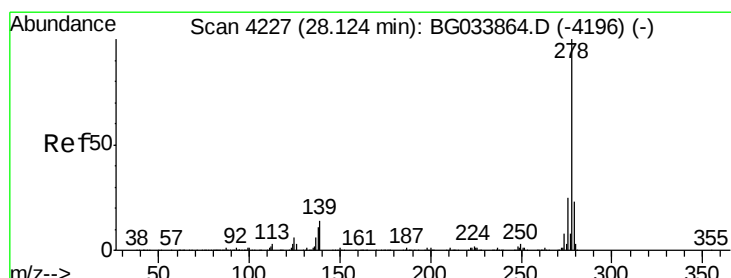
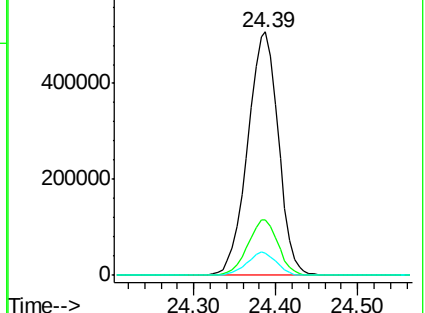
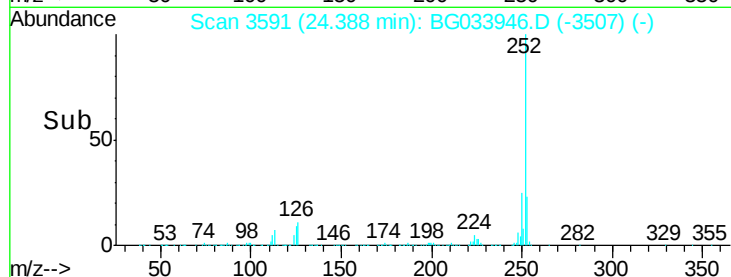
125 9.0 7.3 10.9



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: 39.819 ng

RT: 28.06 min Scan# 4216

Delta R.T. -0.06 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

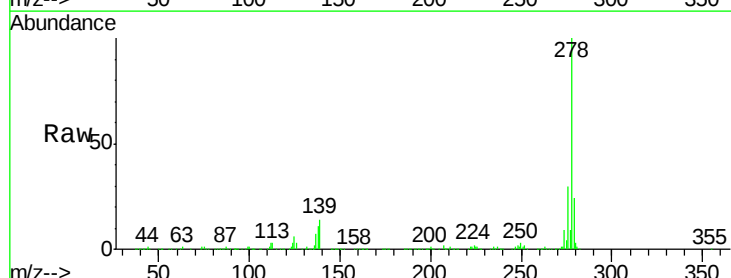
Tgt Ion:278 Resp: 1276812

Ion Ratio Lower Upper

278 100

139 14.0 9.8 14.6

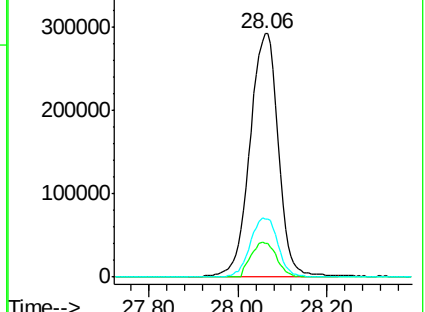
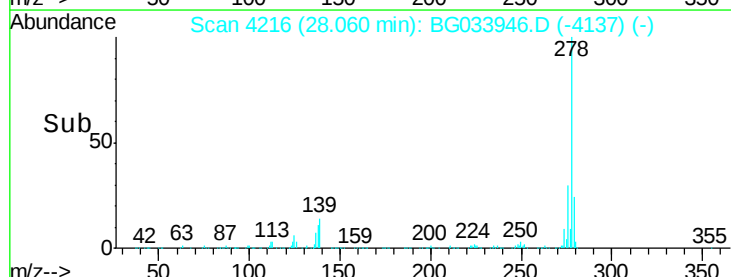
279 23.8 18.4 27.6

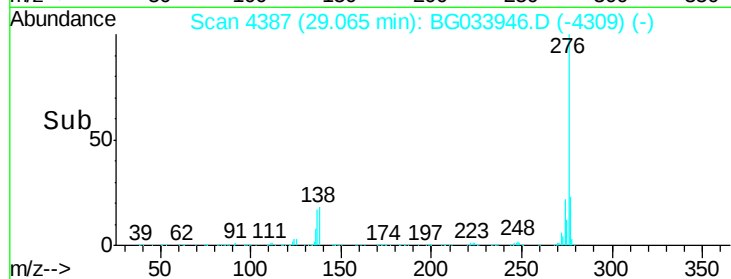
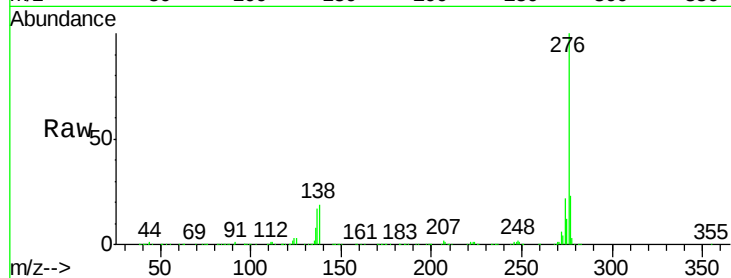
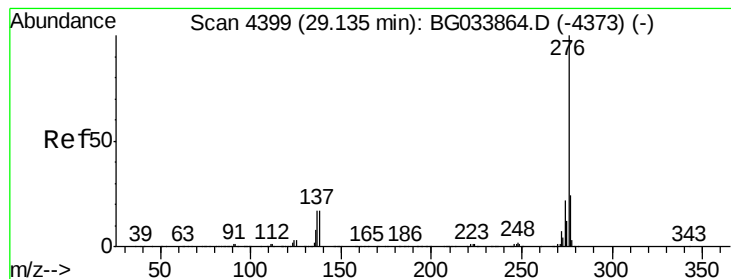


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.205 ng

RT: 29.06 min Scan# 4387

Delta R.T. -0.07 min

Lab File: BG033946.D

Acq: 24 Apr 2018 8:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1268541

Ion Ratio Lower Upper

276 100

277 23.2 18.3 27.5

138 18.5 13.9 20.9

