

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033997.D
 Acq On : 25 Apr 2018 21:40
 Operator : SJ/JU
 Sample : PB108595BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 26 06:28:48 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	7.83	152	60446	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	291692	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	204777	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	505234	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	540712	20.00	ng	-0.02
86) Perylene-d12	24.52	264	550686	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	528549	139.60	ng	0.00
7) Phenol-d6	7.00	99	722628	130.86	ng	0.00
23) Nitrobenzene-d5	8.98	82	432904	84.46	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	341073	142.77	ng	-0.02
44) 2-Fluorobiphenyl	13.09	172	1163511	83.47	ng	-0.02
78) Terphenyl-d14	19.85	244	1984172	82.44	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.42	88	46961	29.354	ng	# 84
3) Pyridine	3.79	79	141233	30.512	ng	91
4) n-Nitrosodimethylamine	3.71	42	82612	39.174	ng	# 90
6) Aniline	7.16	93	159149	21.560	ng	96
8) 2-Chlorophenol	7.40	128	187089	44.101	ng	92
9) Benzaldehyde	6.97	77	76184	23.045	ng	97
10) Phenol	7.03	94	248076	43.852	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	165338	38.213	ng	93
12) 1,3-Dichlorobenzene	7.72	146	181119	37.087	ng	99
13) 1,4-Dichlorobenzene	7.86	146	184646	37.330	ng	98
14) 1,2-Dichlorobenzene	8.18	146	180350	37.493	ng	96
15) Benzyl Alcohol	8.06	79	187042	38.843	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.36	45	282098	33.428	ng	94
17) 2-Methylphenol	8.26	107	169566	40.448	ng	95
18) Hexachloroethane	8.90	117	66825	36.971	ng	99
19) n-Nitroso-di-n-propylamine	8.63	70	158742	33.723	ng	# 95
20) 3+4-Methylphenols	8.59	107	240466	39.476	ng	95
22) Acetophenone	8.64	105	282023	35.524	ng	# 96
24) Nitrobenzene	9.02	77	218161	39.060	ng	91
25) Isophorone	9.54	82	426922	37.047	ng	# 94
26) 2-Nitrophenol	9.72	139	108132	48.998	ng	94
27) 2,4-Dimethylphenol	9.79	122	201877	48.906	ng	96
28) bis(2-Chloroethoxy)methane	10.03	93	254493	41.787	ng	96
29) 2,4-Dichlorophenol	10.26	162	215944	46.928	ng	94
30) 1,2,4-Trichlorobenzene	10.47	180	203035	39.394	ng	99
31) Naphthalene	10.66	128	576002	38.400	ng	99
32) Benzoic acid	9.92	122	158820	39.599	ng	# 86
33) 4-Chloroaniline	10.77	127	99511	14.114	ng	95
34) Hexachlorobutadiene	10.95	225	122793	39.826	ng	96
35) Caprolactam	11.54	113	44275	22.631	ng	# 81
36) 4-Chloro-3-methylphenol	11.90	107	233579	41.589	ng	# 88
37) 2-Methylnaphthalene	12.27	142	456928	39.787	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	273440	40.213	ng	97
40) Hexachlorocyclopentadiene	12.63	237	345908	92.517	ng	93

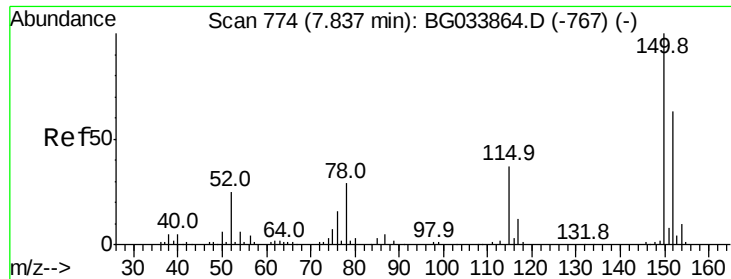
Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	194123	46.823	nq	97
43) 2,4,5-Trichlorophenol	12.96	196	213870	44.871	nq	98
45) 1,1'-Biphenyl	13.29	154	636890	38.421	nq	100
46) 2-Chloronaphthalene	13.33	162	481301	38.293	nq	98
47) 2-Nitroaniline	13.53	65	157328	40.089	nq	89
48) Acenaphthylene	14.18	152	776855	37.183	nq	99
49) Dimethylphthalate	13.93	163	671981	37.305	nq	98
50) 2,6-Dinitrotoluene	14.04	165	153562	44.984	nq #	84
51) Acenaphthene	14.52	154	486015	37.030	nq	98
52) 3-Nitroaniline	14.36	138	79809	21.531	nq #	82
53) 2,4-Dinitrophenol	14.57	184	101338	83.008	nq #	60
54) Dibenzofuran	14.86	168	767854	39.462	nq	97
55) 4-Nitrophenol	14.68	139	269547	92.719	nq	87
56) 2,4-Dinitrotoluene	14.82	165	213588	47.052	nq #	80
57) Fluorene	15.51	166	647785	38.471	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.08	232	208727	47.828	nq	95
59) Diethylphthalate	15.29	149	678405	35.630	nq	98
60) 4-Chlorophenyl-phenylether	15.51	204	351530	39.914	nq	95
61) 4-Nitroaniline	15.54	138	160913	40.886	nq	91
62) Azobenzene	15.81	77	594462	35.025	nq	97
64) 4,6-Dinitro-2-methylphenol	15.59	198	94962	40.245	nq	86
65) n-Nitrosodiphenylamine	15.72	169	568954	38.734	nq	98
66) 4-Bromophenyl-phenylether	16.41	248	230494	41.541	nq	98
67) Hexachlorobenzene	16.52	284	238867	40.368	nq	94
68) Atrazine	16.68	200	247546	43.018	nq	99
69) Pentachlorophenol	16.86	266	317938	78.223	nq #	56
70) Phenanthrene	17.26	178	1046854	38.624	nq	97
71) Anthracene	17.35	178	1076766	39.726	nq	99
72) Carbazole	17.62	167	988671	37.809	nq	96
73) Di-n-butylphthalate	18.20	149	1193248	36.681	nq	99
74) Fluoranthene	19.27	202	1339729	40.863	nq	96
76) Benzidine	19.46	184	450590	30.860	nq	99
77) Pyrene	19.64	202	1325829	37.384	nq	94
79) Butylbenzylphthalate	20.55	149	555363	35.658	nq	91
80) Benzo(a)anthracene	21.45	228	1319410	38.697	nq	97
81) 3,3'-Dichlorobenzidine	21.38	252	268783	21.142	nq	99
82) Chrysene	21.51	228	1240111	38.088	nq	97
83) Bis(2-ethylhexyl)phthalate	21.39	149	776021	35.281	nq	99
84) Di-n-octyl phthalate	22.56	149	1323716	37.916	nq	98
85) Indeno(1,2,3-cd)pyrene	27.99	276	1553835	41.925	nq	98
87) Benzo(b)fluoranthene	23.56	252	1368534	40.736	nq	99
88) Benzo(k)fluoranthene	23.63	252	1281752	38.409	nq	99
89) Benzo(a)pyrene	24.38	252	1318304	40.974	nq	99
90) Dibenzo(a,h)anthracene	28.06	278	1283238	41.219	nq	97
91) Benzo(g,h,i)perylene	29.07	276	1277956	41.717	nq	99

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

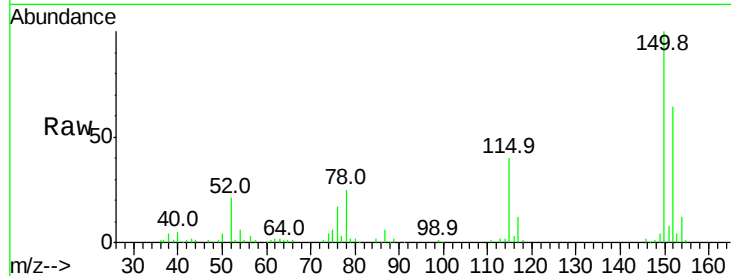


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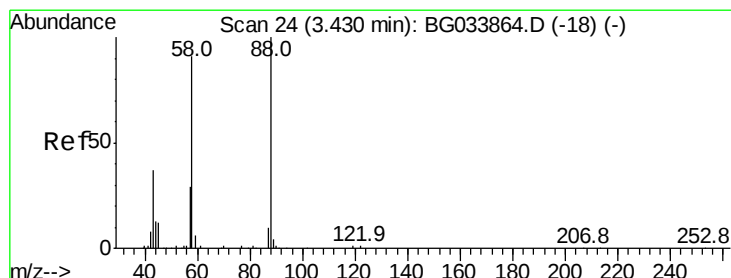
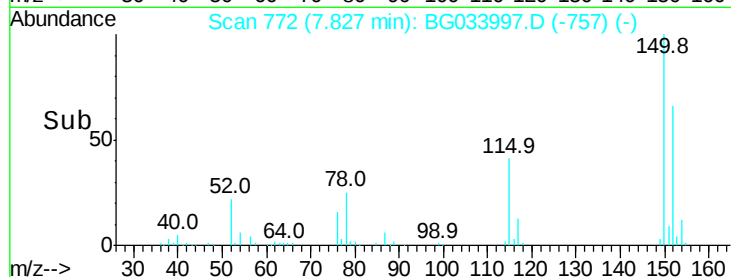
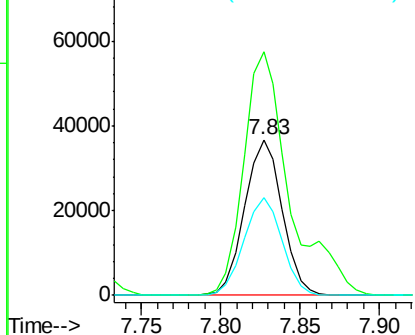
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.83 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 60446
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.6 189.8
 115 62.8 53.0 79.4



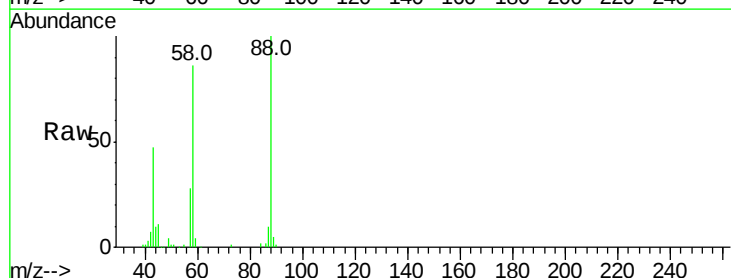
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



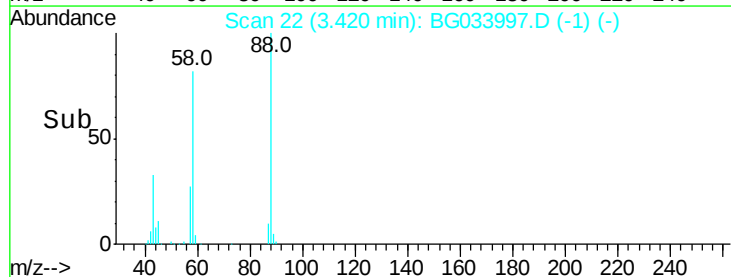
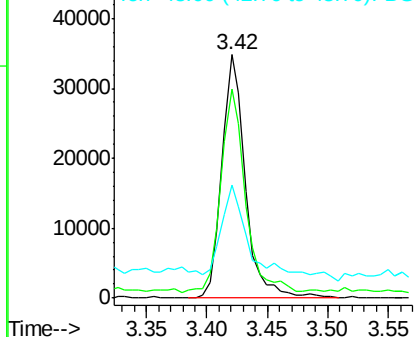
#2

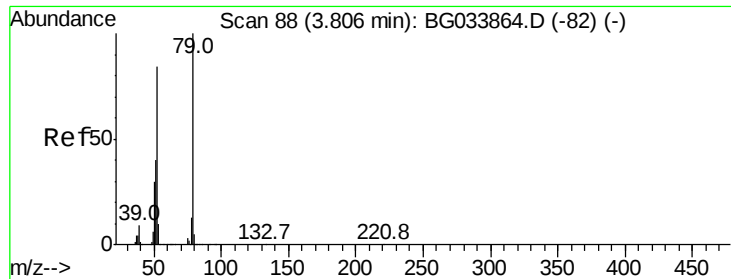
1,4-Dioxane
 Concen: 29.354 ng
 RT: 3.42 min Scan# 22
 Delta R.T. -0.01 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion: 88 Resp: 46961
 Ion Ratio Lower Upper
 88 100
 58 87.3 79.6 119.4
 43 49.7 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: 30.512 ng

RT: 3.79 min Scan# 85

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

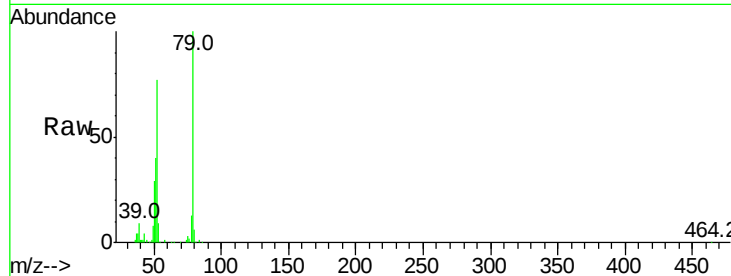
Tot Ion: 79 Resp: 141233

Ion Ratio Lower Upper

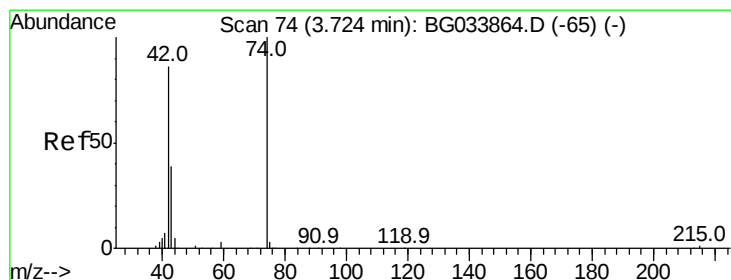
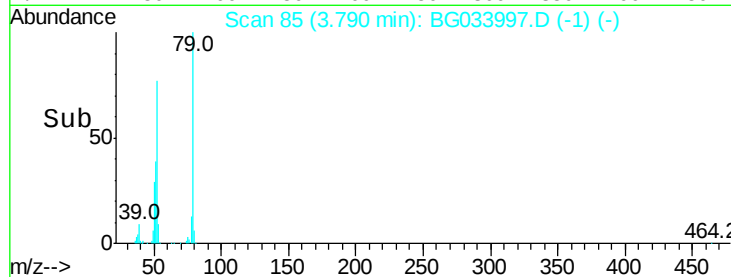
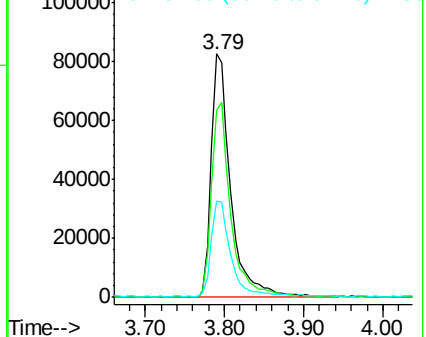
79 100

52 76.7 69.9 104.9

51 39.5 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: 39.174 ng

RT: 3.71 min Scan# 72

Delta R.T. -0.01 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

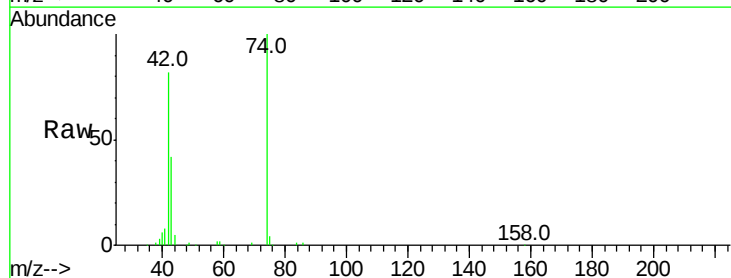
Tgt Ion: 42 Resp: 82612

Ion Ratio Lower Upper

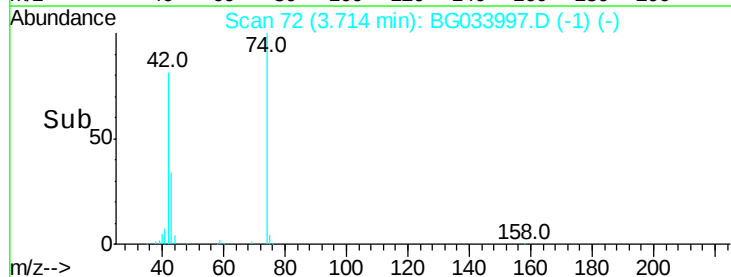
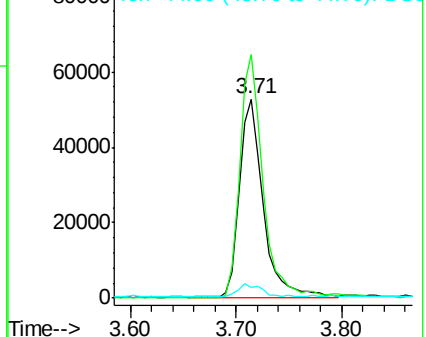
42 100

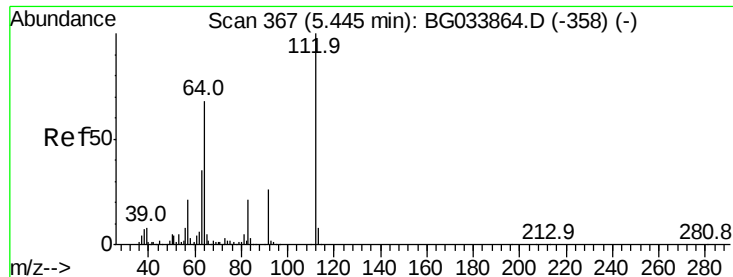
74 122.4 102.5 153.7

44 5.6 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: 139.603 ng

RT: 5.44 min Scan# 366

Delta R.T. -0.00 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

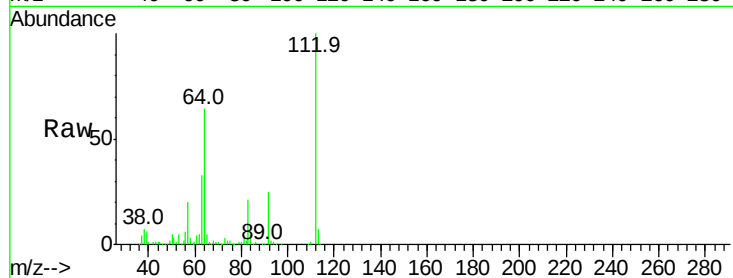
Tot Ion:112 Resp: 528549

Ion Ratio Lower Upper

112 100

64 63.7 56.3 84.5

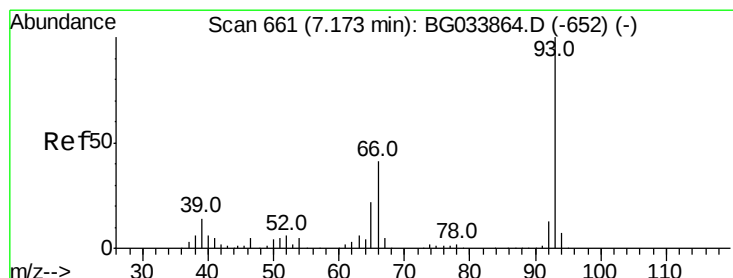
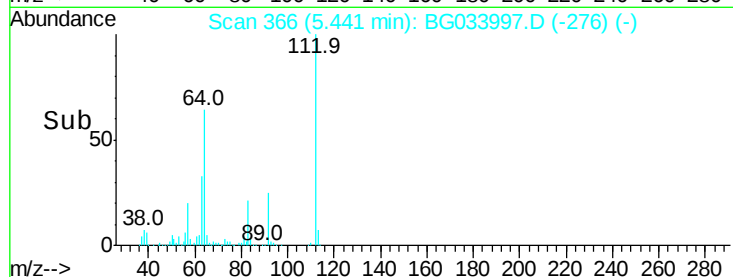
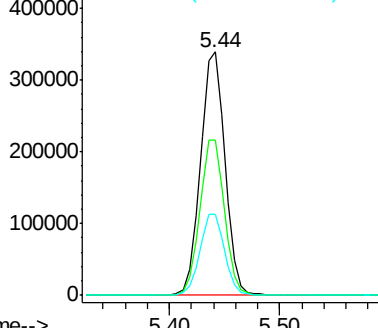
63 33.4 30.1 45.1



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: 21.560 ng

RT: 7.16 min Scan# 658

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

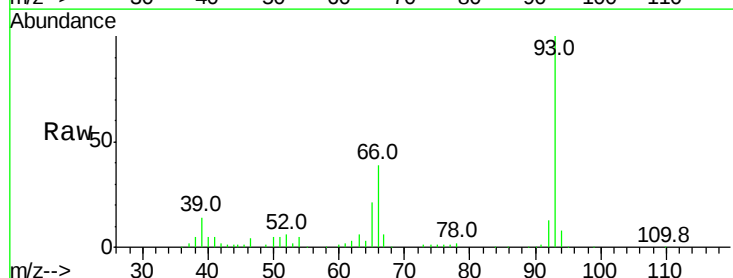
Tgt Ion: 93 Resp: 159149

Ion Ratio Lower Upper

93 100

66 39.2 33.7 50.5

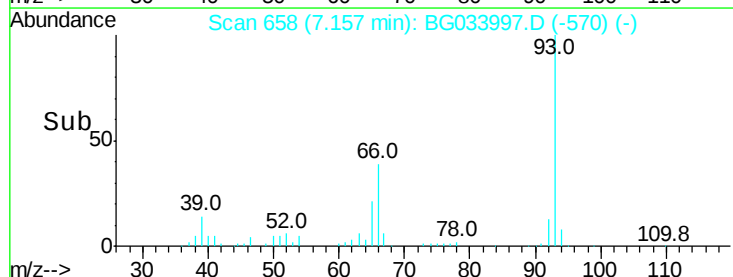
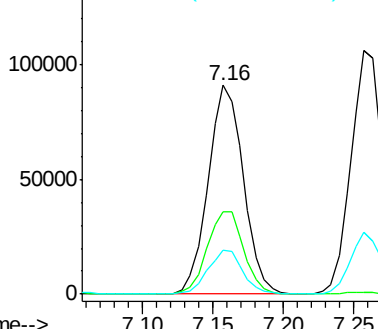
65 21.2 16.1 24.1

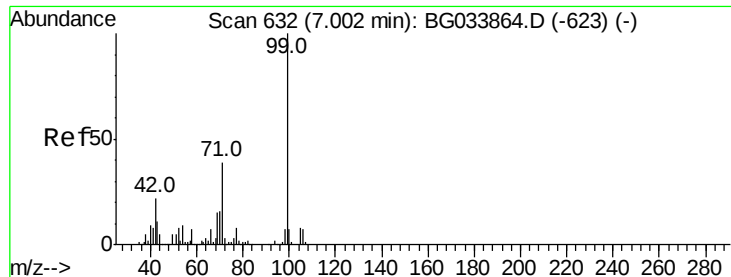


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.858 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

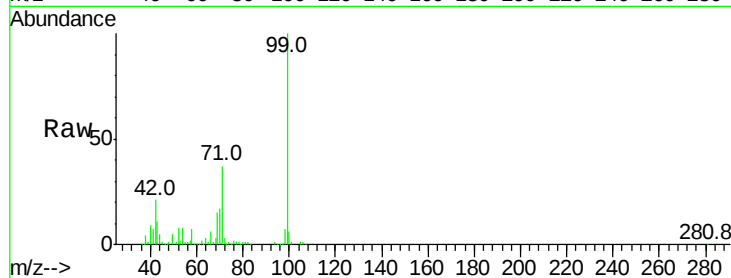
Tot Ion: 99 Resp: 722628

Ion Ratio Lower Upper

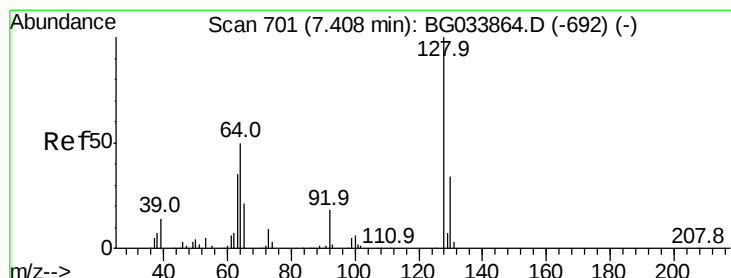
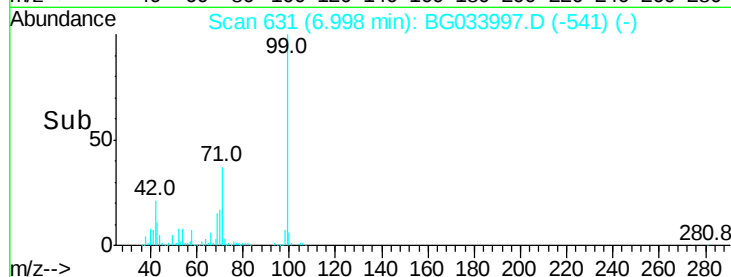
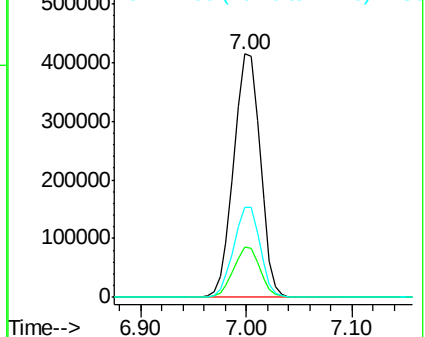
99 100

42 20.7 14.1 21.1

71 37.1 26.1 39.1



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



#8

2-Chlorophenol

Concen: 44.101 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

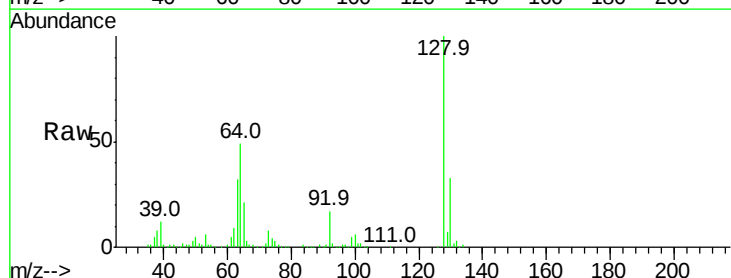
Tgt Ion: 128 Resp: 187089

Ion Ratio Lower Upper

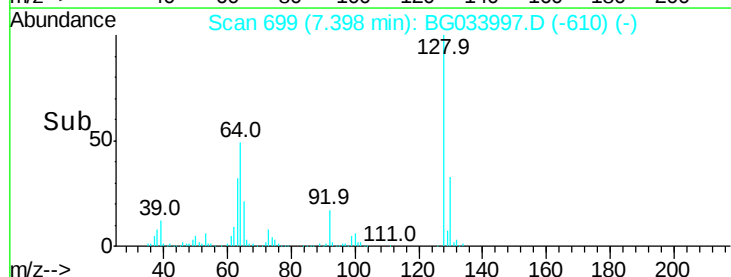
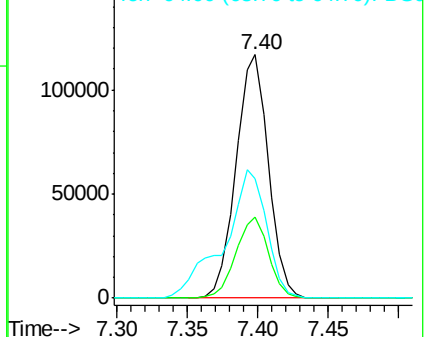
128 100

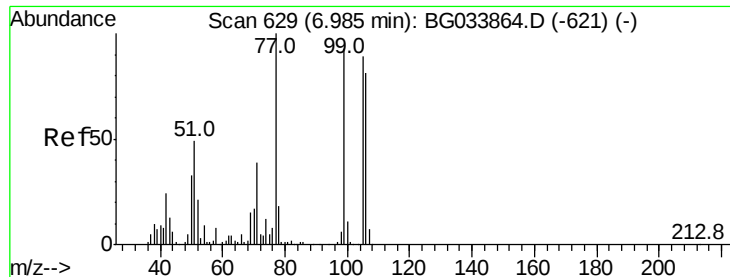
130 33.2 14.0 54.0

64 49.2 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 23.045 ng

RT: 6.97 min Scan# 627

Delta R.T. -0.01 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

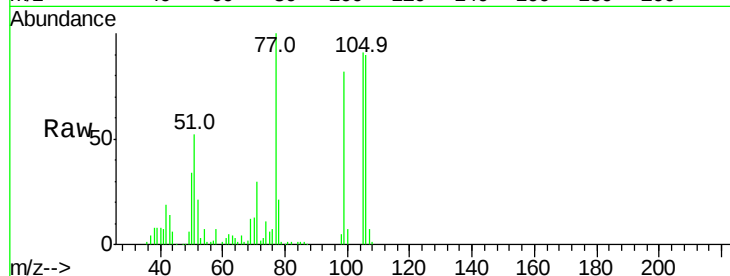
Tot Ion: 77 Resp: 76184

Ion Ratio Lower Upper

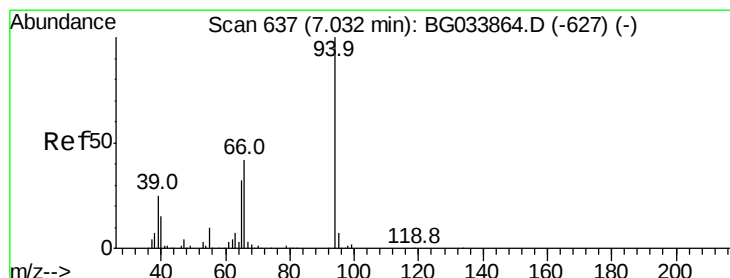
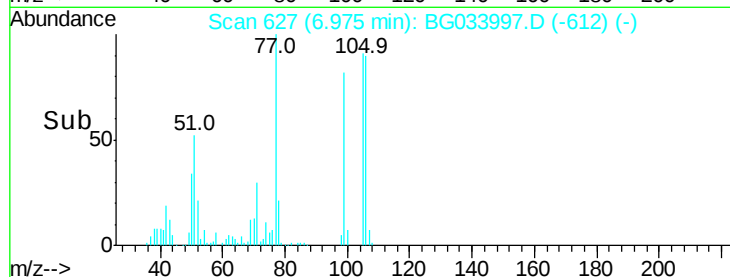
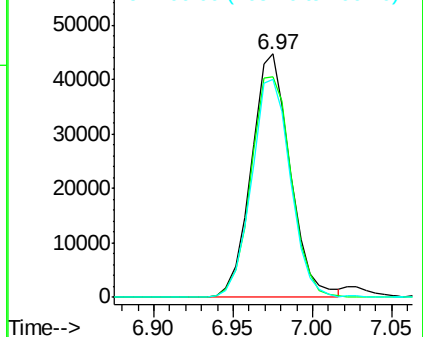
77 100

105 90.6 71.3 111.3

106 89.6 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: 43.852 ng

RT: 7.03 min Scan# 636

Delta R.T. -0.00 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

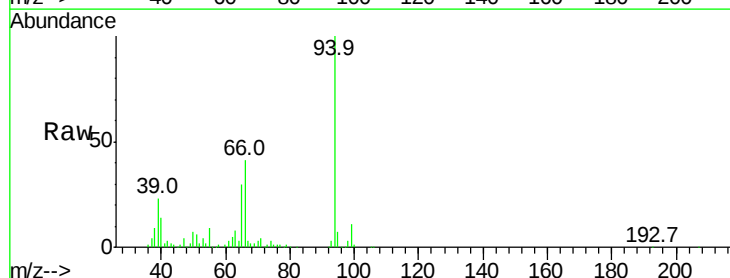
Tgt Ion: 94 Resp: 248076

Ion Ratio Lower Upper

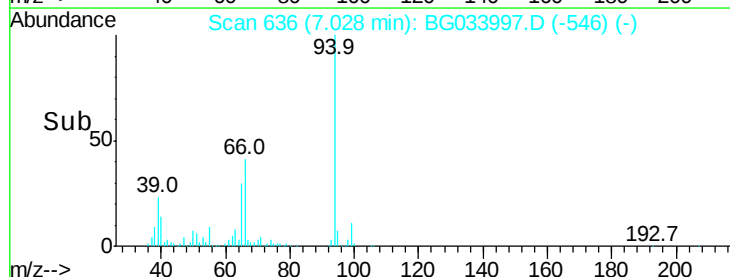
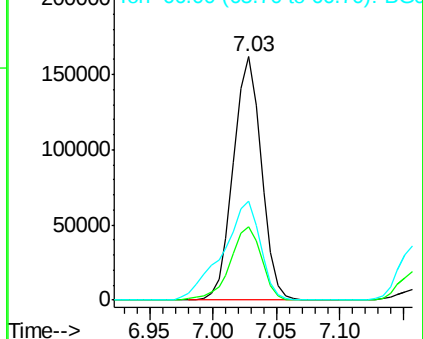
94 100

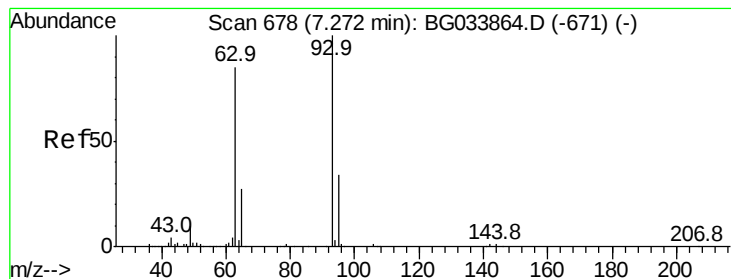
65 30.0 11.9 51.9

66 40.8 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: 38.213 ng

RT: 7.26 min Scan# 675

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

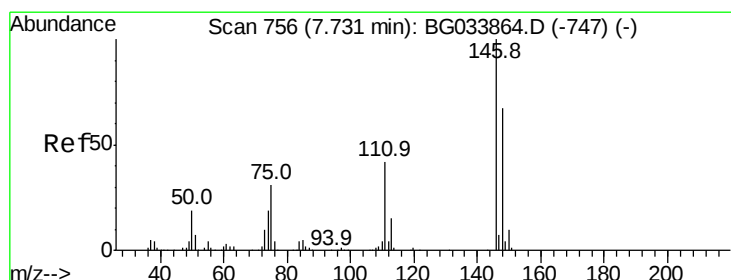
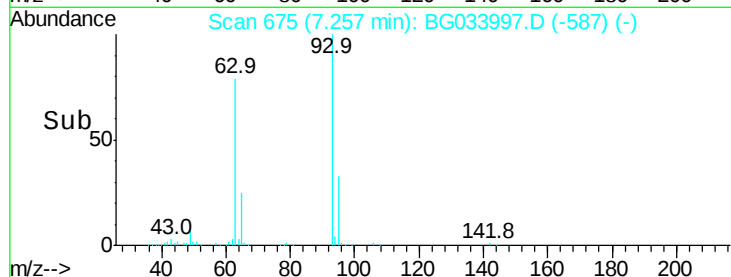
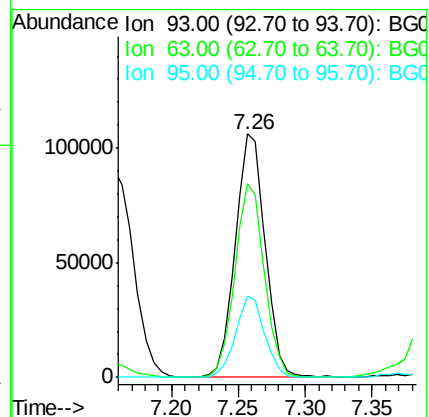
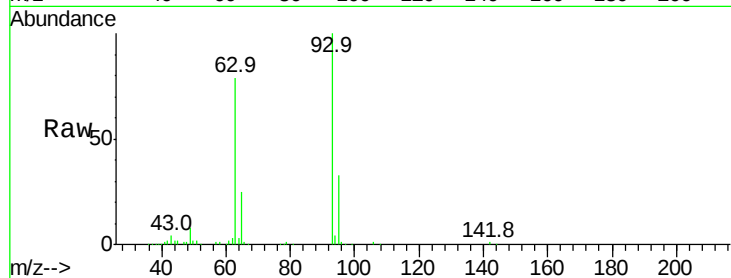
Tot Ion: 93 Resp: 165338

Ion Ratio Lower Upper

93 100

63 79.4 67.1 107.1

95 33.3 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 37.087 ng

RT: 7.72 min Scan# 753

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

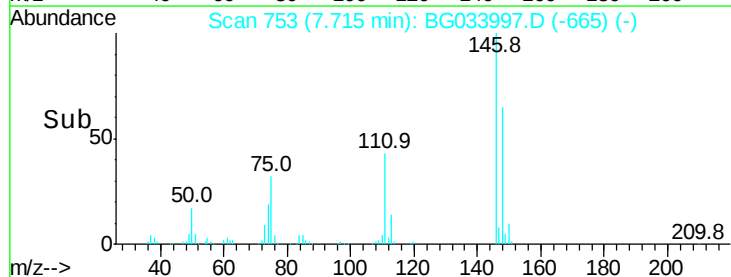
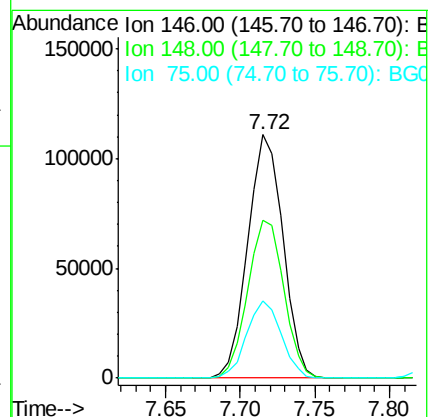
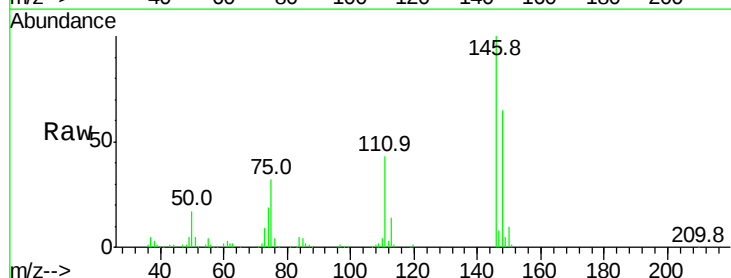
Tgt Ion: 146 Resp: 181119

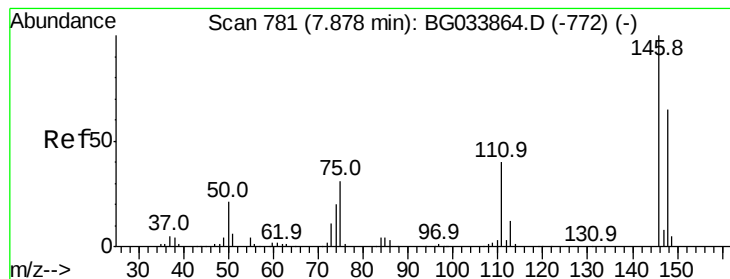
Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

75 31.7 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 37.330 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampled :

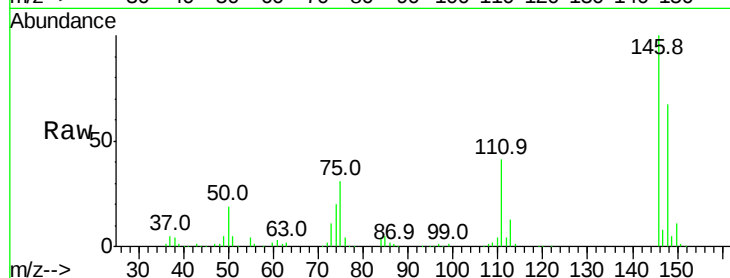
Tot Ion:146 Resp: 184646

Ion Ratio Lower Upper

146 100

148 66.6 53.7 80.5

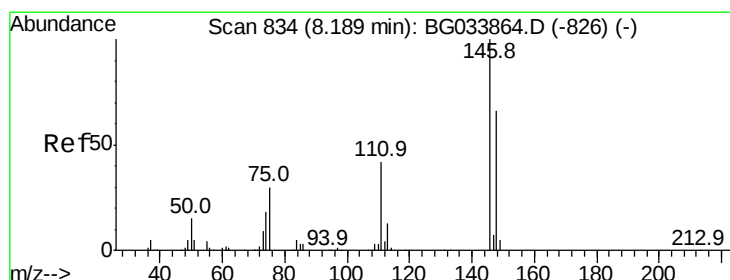
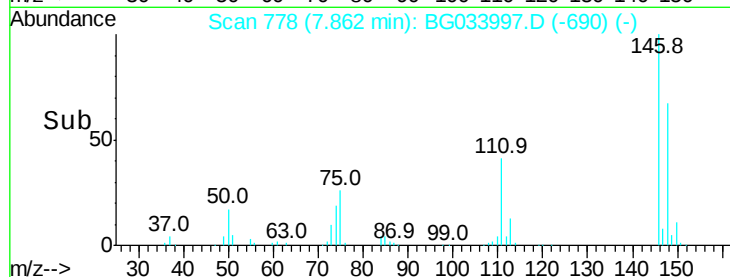
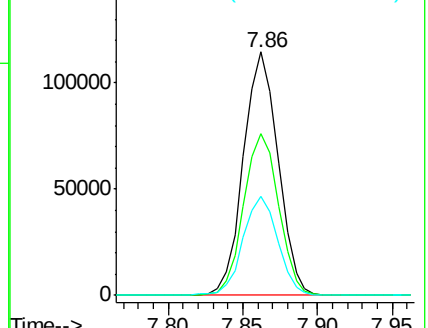
111 40.9 35.2 52.8



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: 37.493 ng

RT: 8.18 min Scan# 832

Delta R.T. -0.01 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

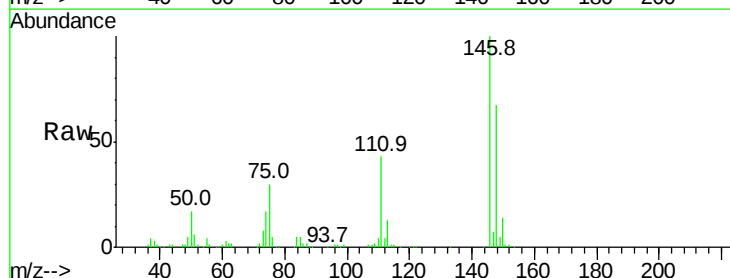
Tgt Ion:146 Resp: 180350

Ion Ratio Lower Upper

146 100

148 67.0 49.3 73.9

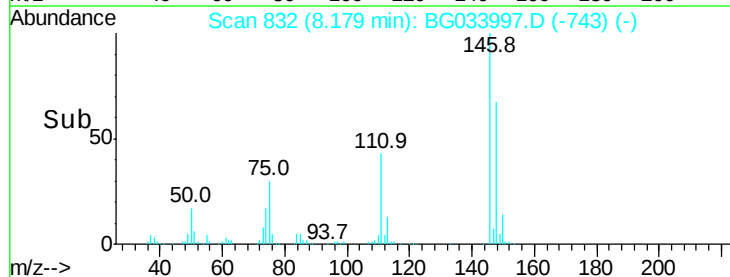
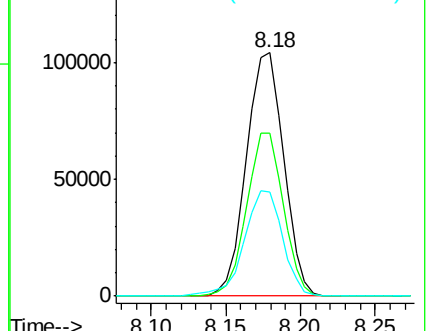
111 42.5 34.3 51.5

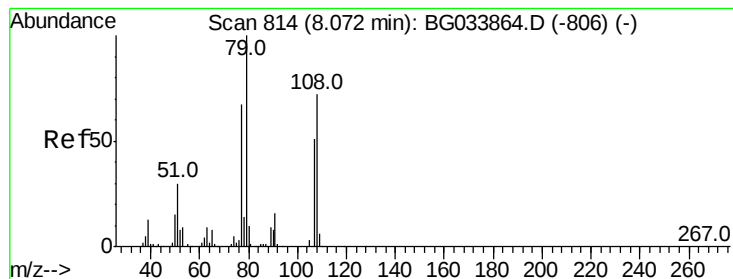


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.843 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

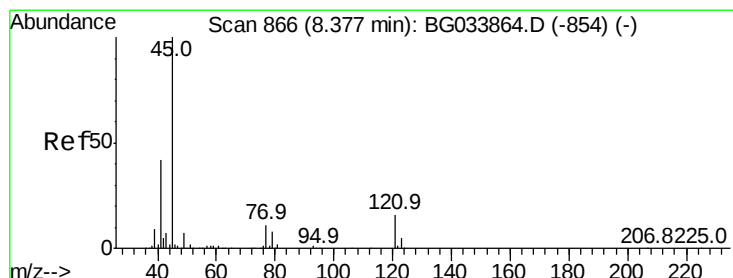
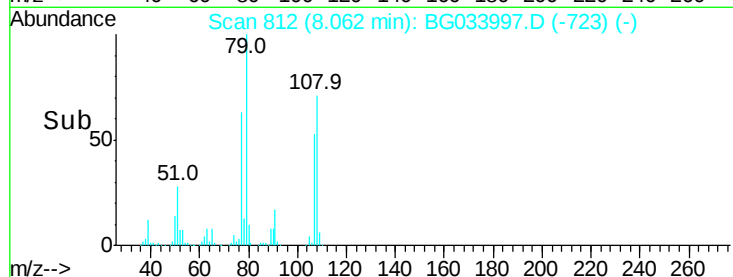
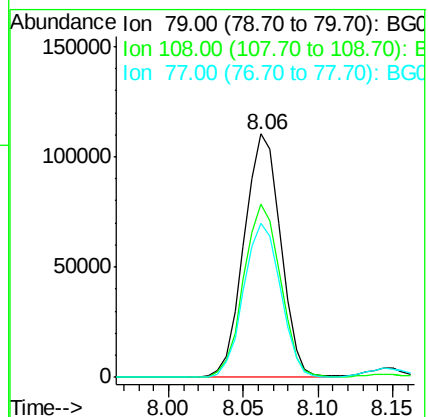
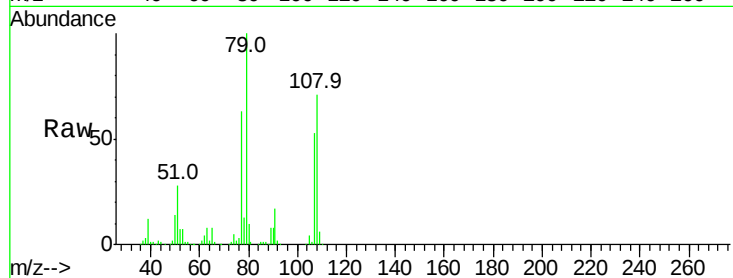
Tot Ion: 79 Resp: 187042

Ion Ratio Lower Upper

79 100

108 71.4 57.2 85.8

77 63.5 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.428 ng

RT: 8.36 min Scan# 862

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

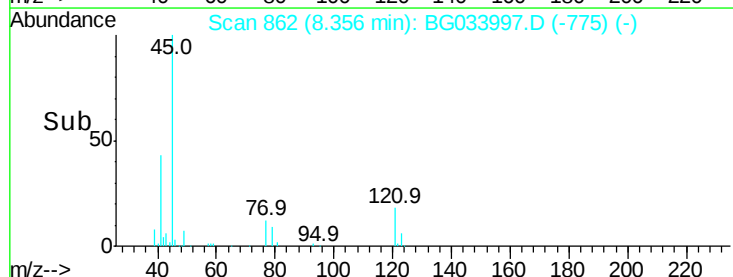
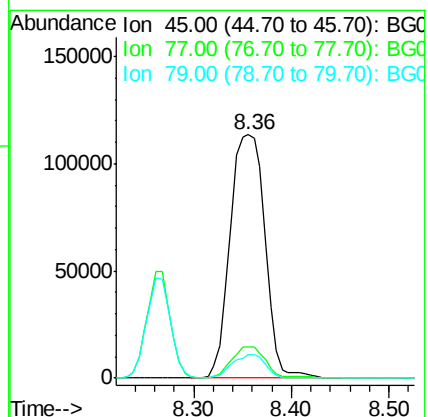
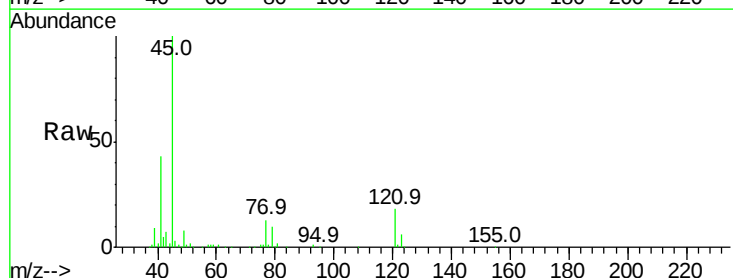
Tgt Ion: 45 Resp: 282098

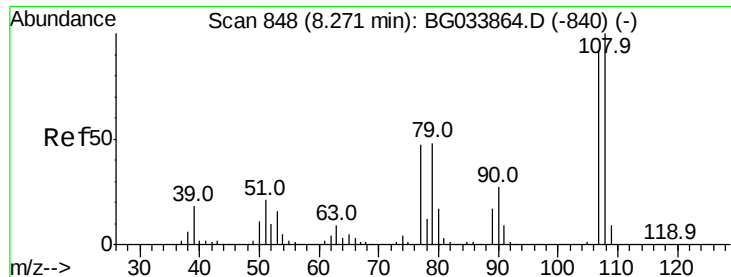
Ion Ratio Lower Upper

45 100

77 12.5 0.0 30.2

79 9.5 0.0 27.9

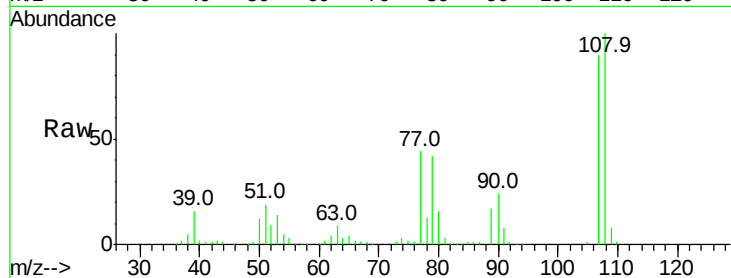




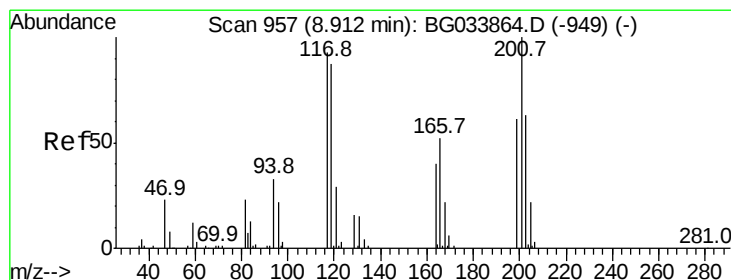
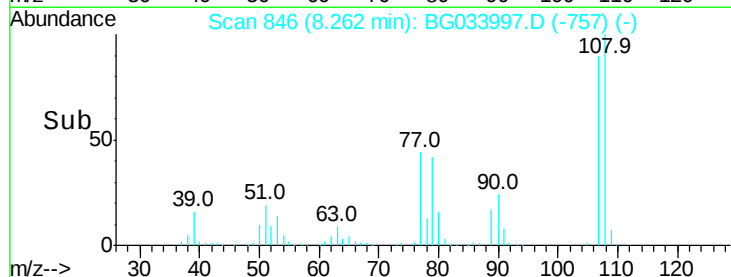
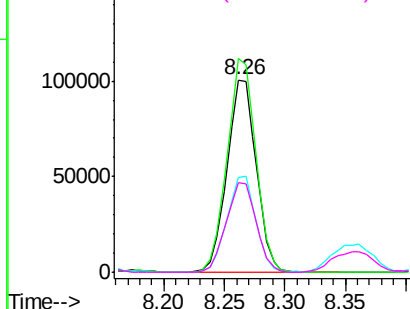
#17
2-Methylphenol
Concen: 40.448 ng
RT: 8.26 min Scan# 846
Delta R.T. -0.01 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 169566
Ion Ratio Lower Upper
107 100
108 111.2 83.9 125.9
77 49.4 37.2 55.8
79 46.9 36.2 54.2

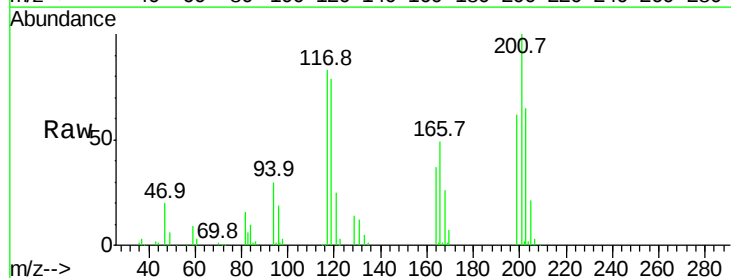


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

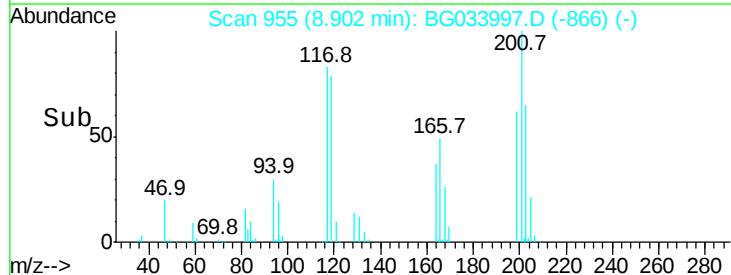
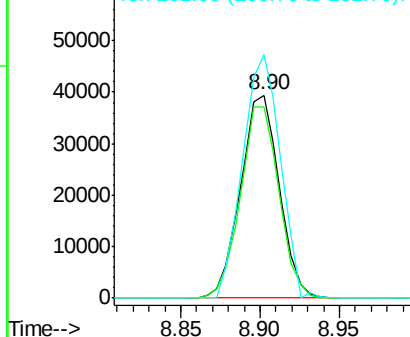


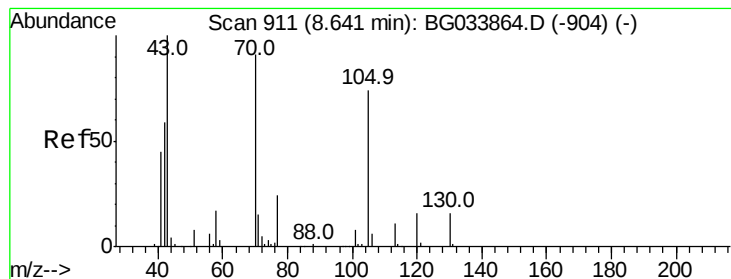
#18
Hexachloroethane
Concen: 36.971 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion:117 Resp: 66825
Ion Ratio Lower Upper
117 100
119 94.3 76.7 115.1
201 119.9 95.7 143.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 33.723 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 158742

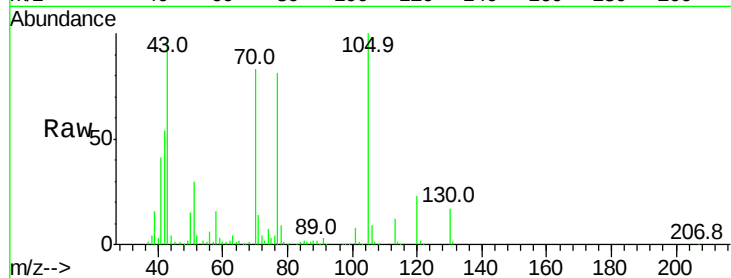
Ion Ratio Lower Upper

70 100

42 64.9 49.1 73.7

101 9.2 8.5 12.7

130 20.5 13.4 20.0#

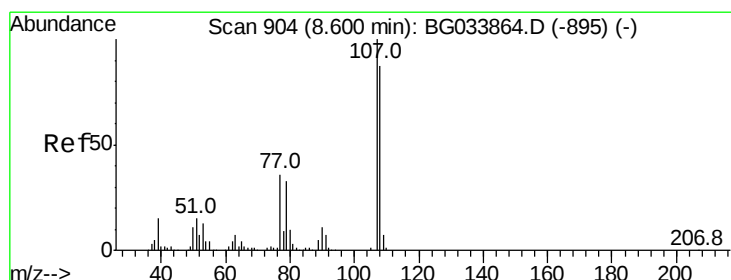
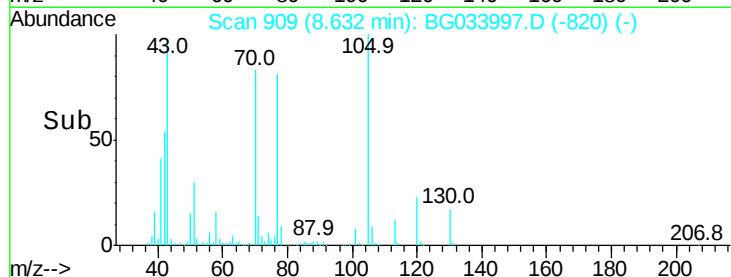
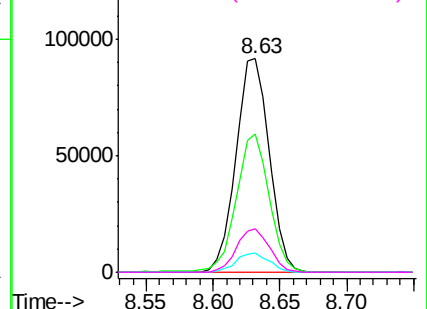


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.476 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Tgt Ion:107 Resp: 240466

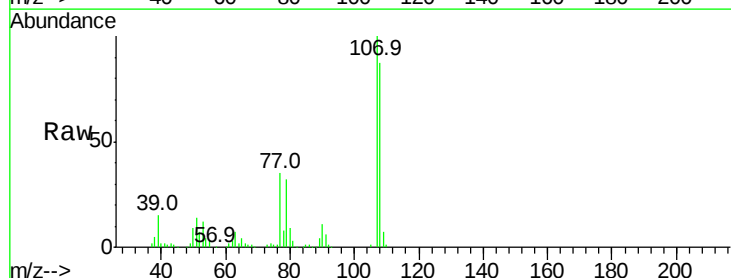
Ion Ratio Lower Upper

107 100

108 87.4 61.6 101.6

77 34.6 13.9 53.9

79 31.8 8.8 48.8

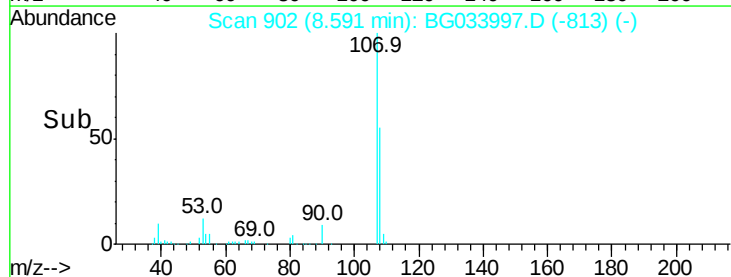
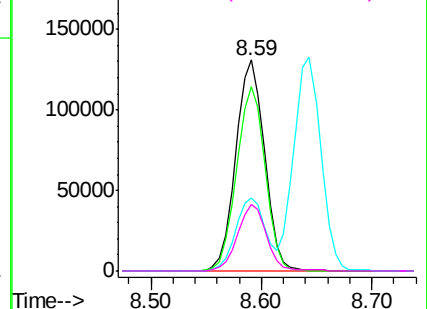


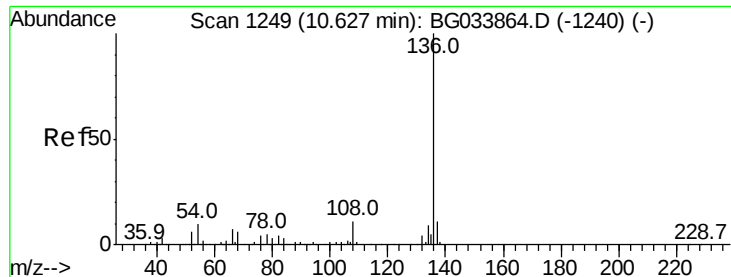
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 291692

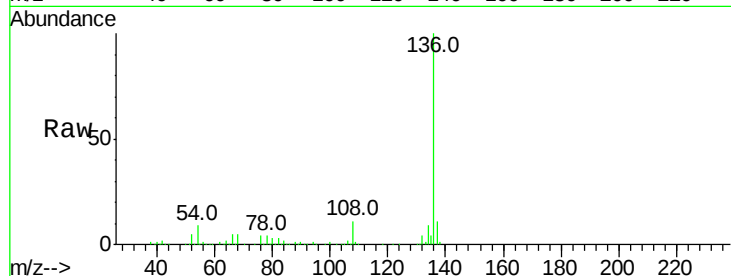
Ion Ratio Lower Upper

136 100

137 11.2 9.2 13.8

54 8.7 10.3 15.5#

68 5.5 4.5 6.7

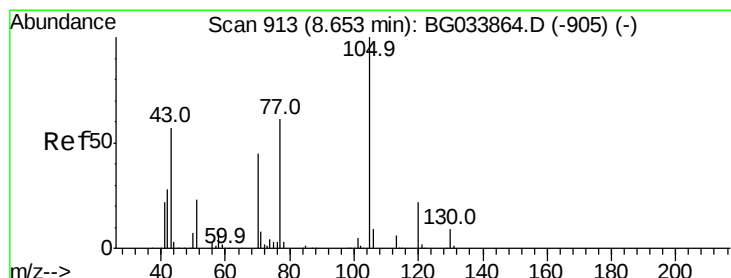
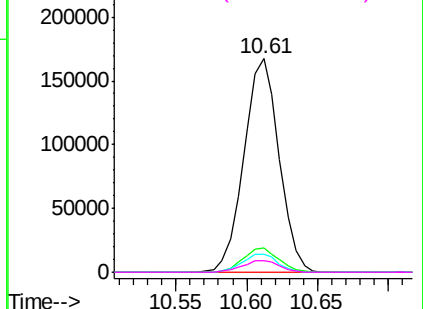
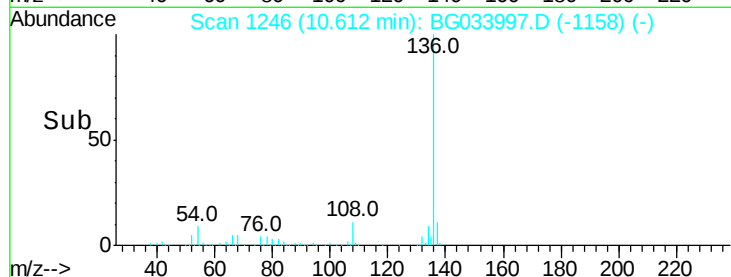


Abundance Ion 136.00 (135.70 to 136.70): E

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: 35.524 ng

RT: 8.64 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Tgt Ion:105 Resp: 282023

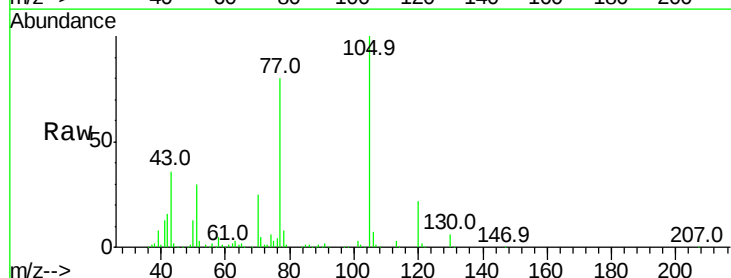
Ion Ratio Lower Upper

105 100

71 4.6 3.0 4.4#

51 29.5 26.1 39.1

120 22.3 17.4 26.2

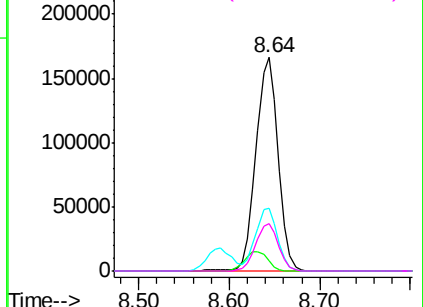
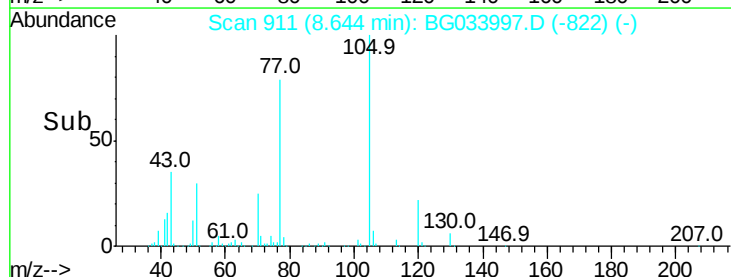


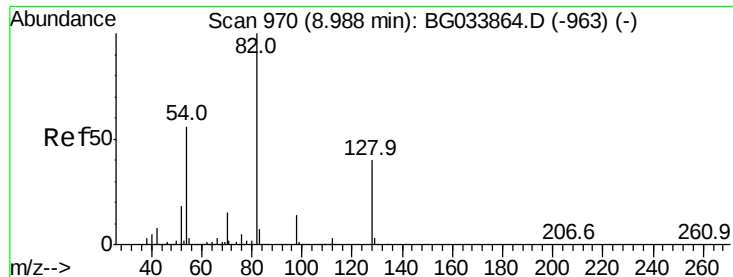
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

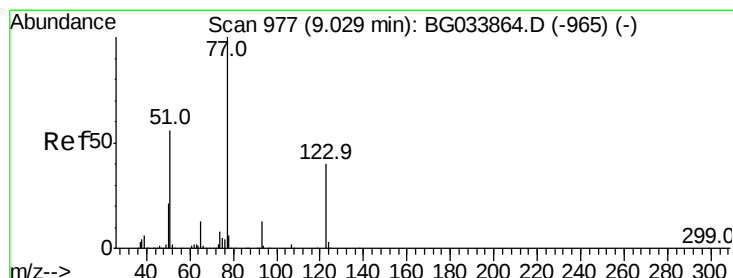
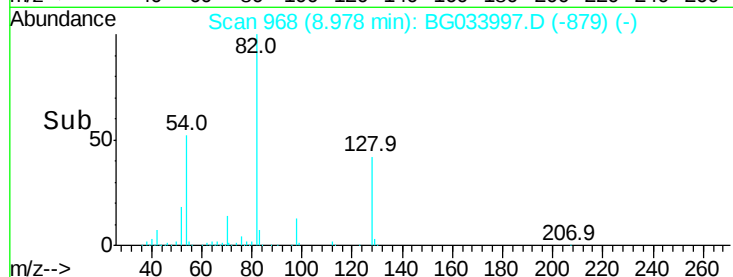
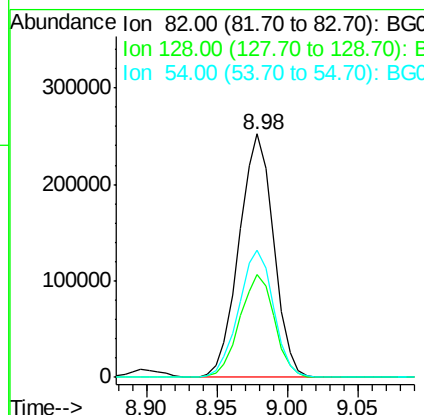
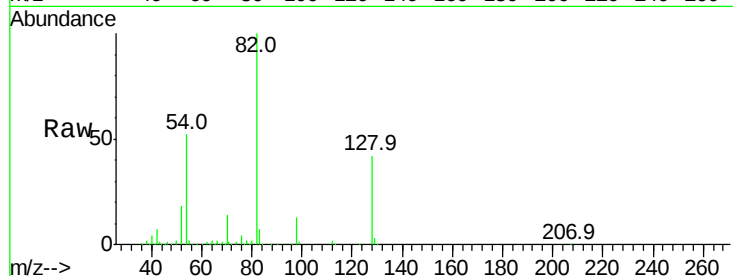




#23
 Nitrobenzene-d5
 Concen: 84.460 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

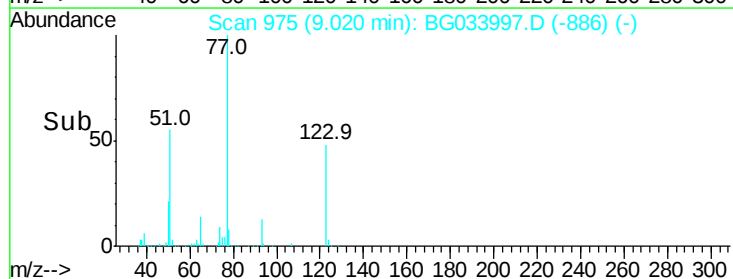
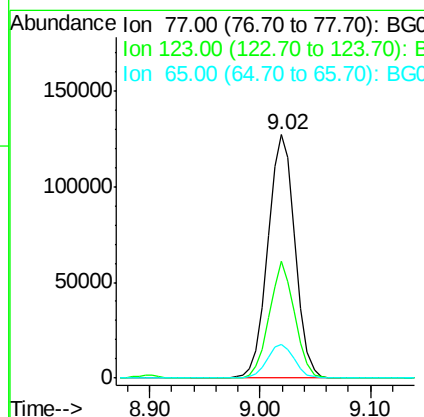
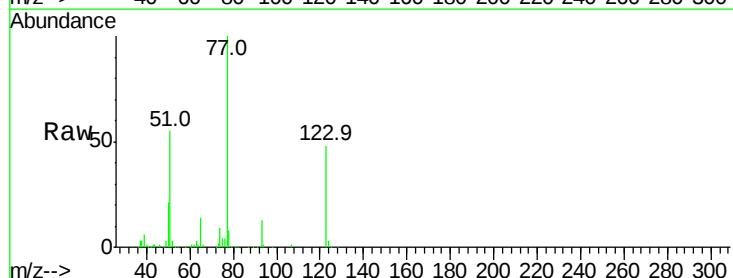
Instrument :
 BNA_G
 ClientSampleId :

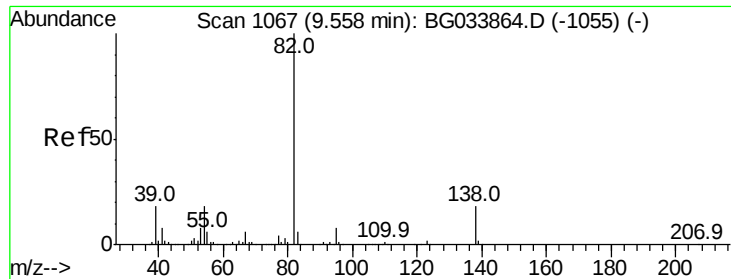
Tot Ion	82	Resp	432904
Ion Ratio	100	Lower	Upper
128	42.3	29.7	44.5
54	52.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 39.060 ng
 RT: 9.02 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion	77	Resp	218161
Ion Ratio	100	Lower	Upper
123	47.8	33.0	49.6
65	14.1	13.0	19.6





#25

Isophorone

Concen: 37.047 ng

RT: 9.54 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

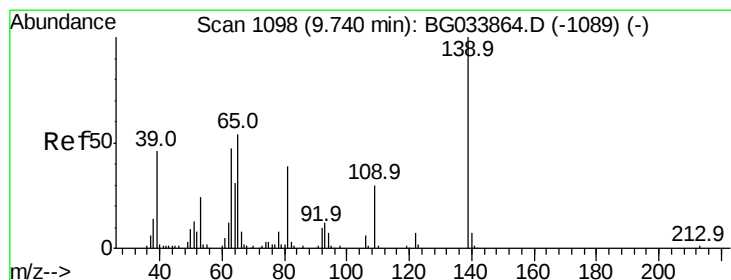
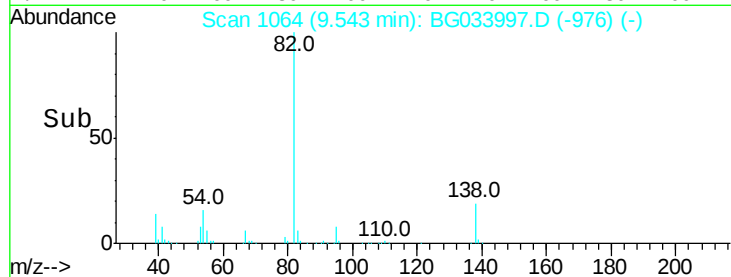
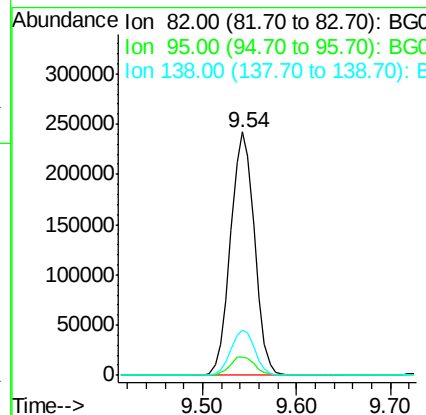
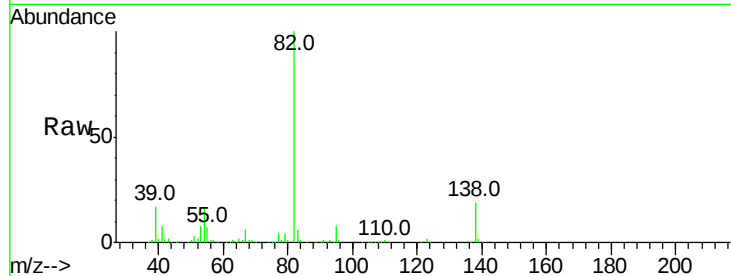
Tot Ion: 82 Resp: 426922

Ion Ratio Lower Upper

82 100

95 7.7 6.2 9.2

138 18.6 12.1 18.1#



#26

2-Nitrophenol

Concen: 48.998 ng

RT: 9.72 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

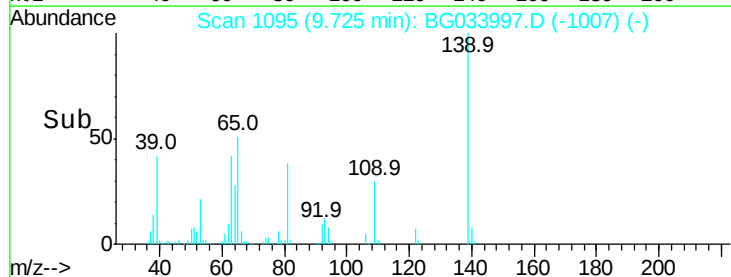
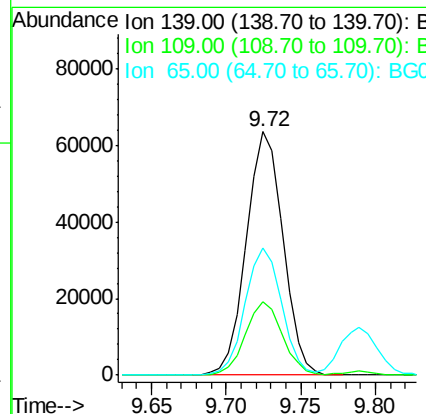
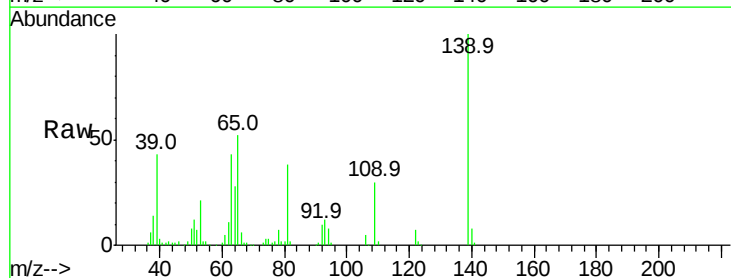
Tgt Ion: 139 Resp: 108132

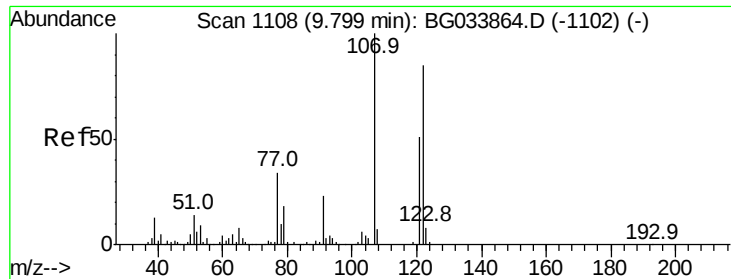
Ion Ratio Lower Upper

139 100

109 30.4 24.2 36.2

65 52.1 47.4 71.0

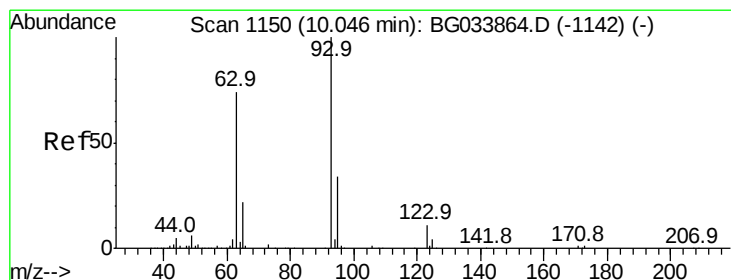
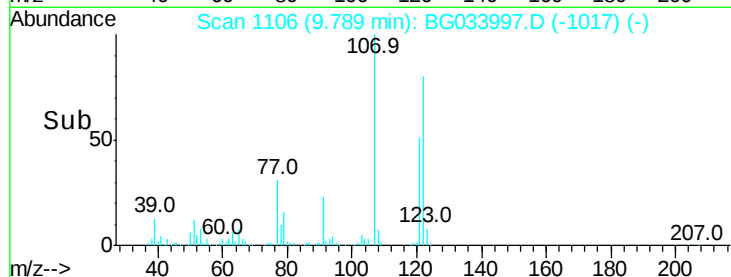
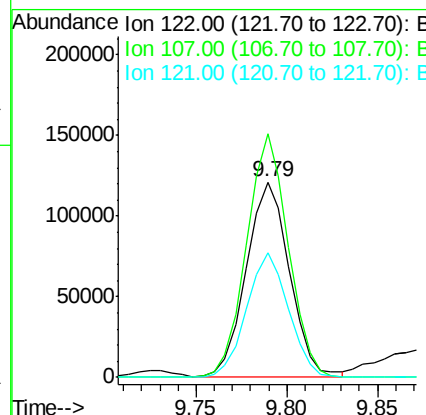
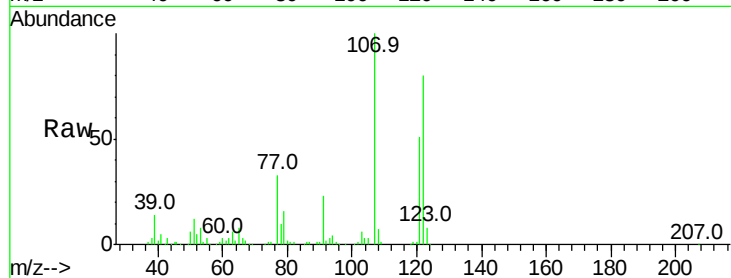




#27
 2,4-Dimethylphenol
 Concen: 48.906 ng
 RT: 9.79 min Scan# 1106
 Delta R.T. -0.01 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

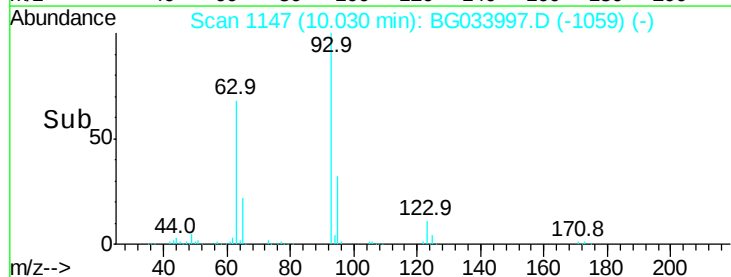
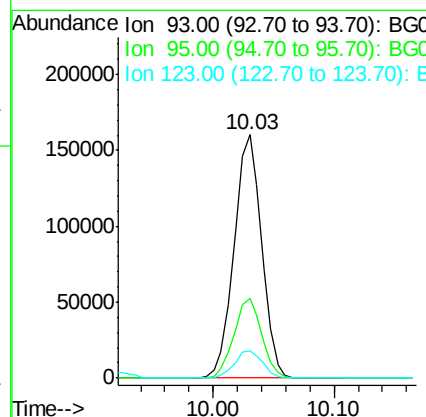
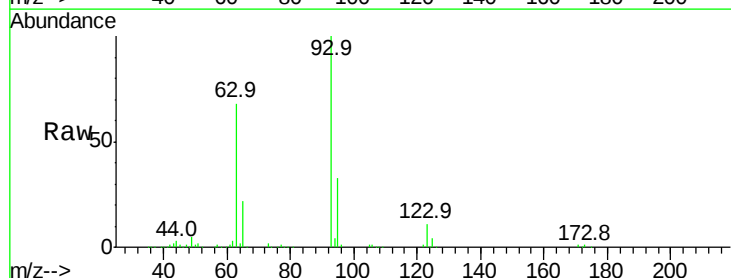
Instrument :
 BNA_G
 ClientSampled :

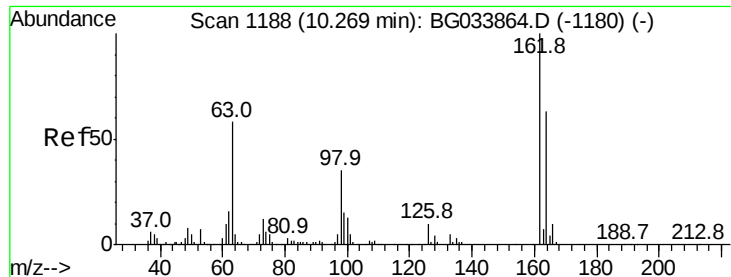
Tot Ion:122 Resp: 201877
 Ion Ratio Lower Upper
 122 100
 107 124.8 100.2 150.2
 121 63.7 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.787 ng
 RT: 10.03 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion: 93 Resp: 254493
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.3 36.5
 123 11.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 46.928 ng

RT: 10.26 min Scan# 1186

Delta R.T. -0.01 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

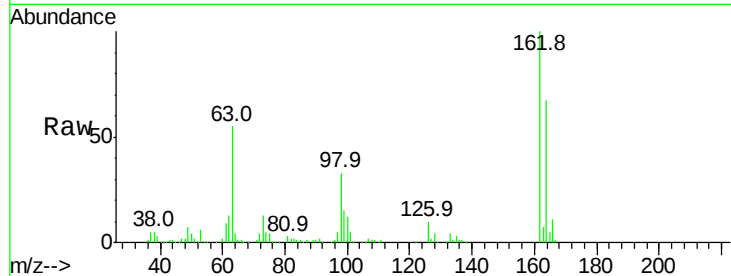
Tot Ion:162 Resp: 215944

Ion Ratio Lower Upper

162 100

164 66.5 48.0 88.0

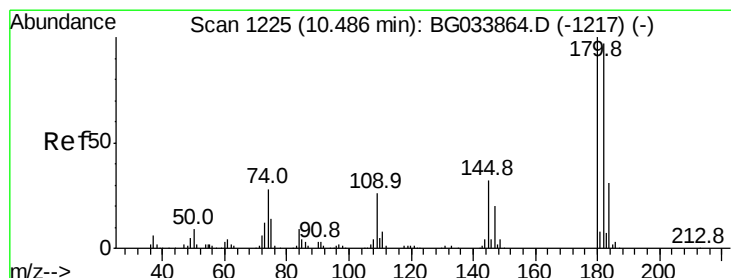
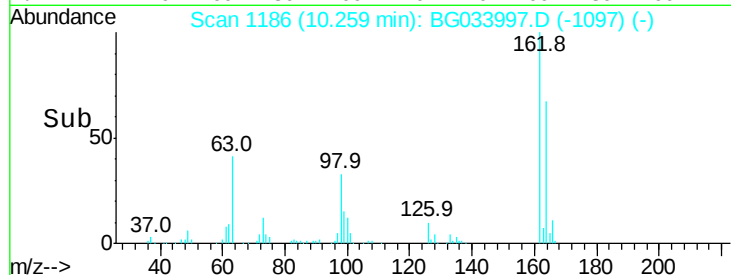
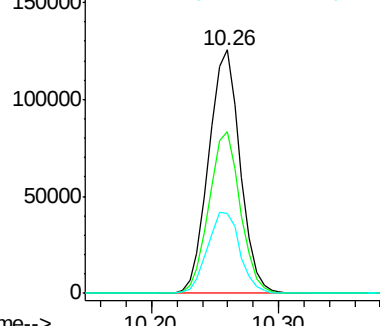
98 32.8 21.1 61.1



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.394 ng

RT: 10.47 min Scan# 1222

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

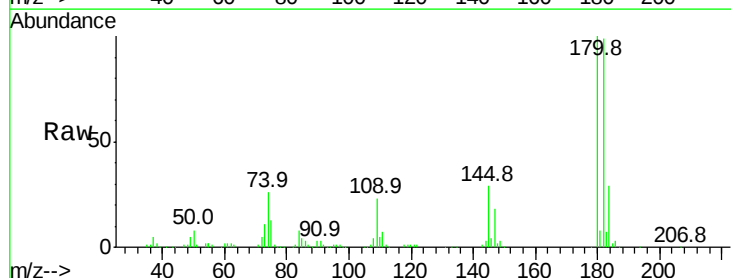
Tgt Ion:180 Resp: 203035

Ion Ratio Lower Upper

180 100

182 98.6 77.5 116.3

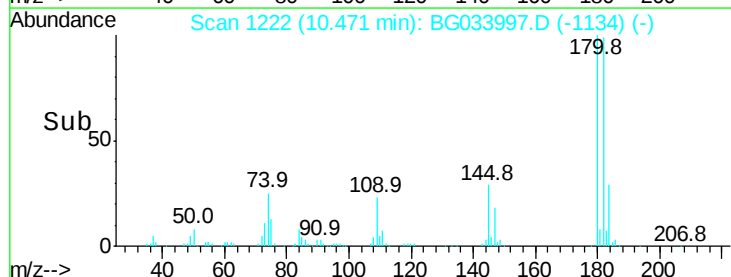
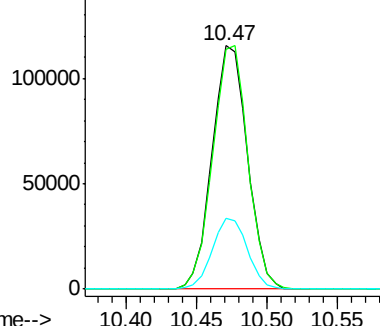
145 29.3 23.4 35.2

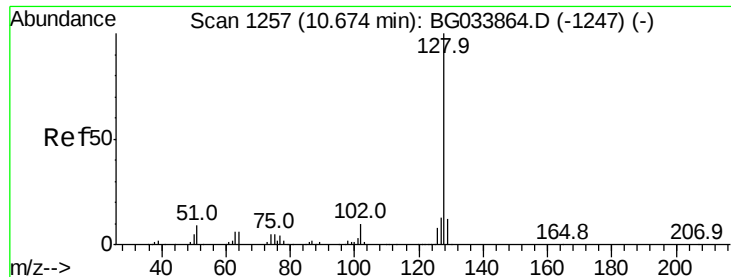


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

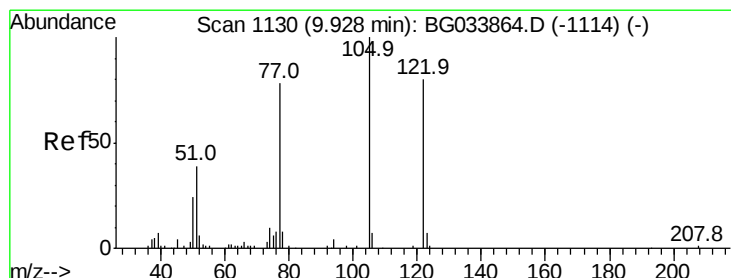
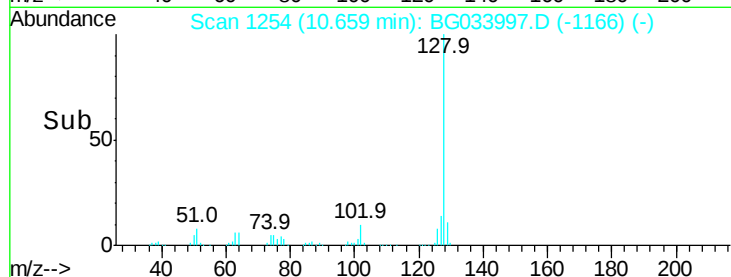
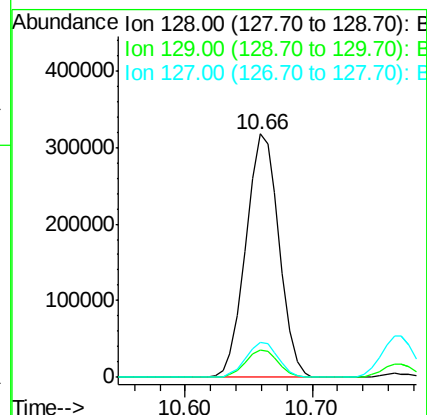
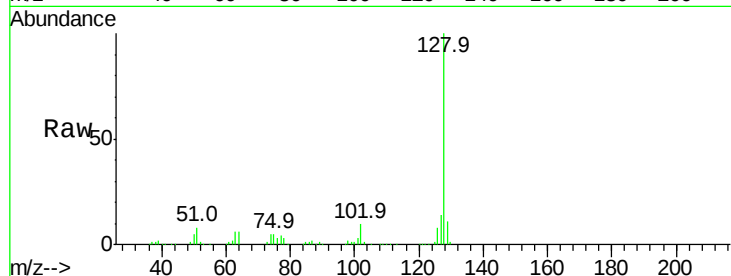




#31
Naphthalene
Concen: 38.400 ng
RT: 10.66 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

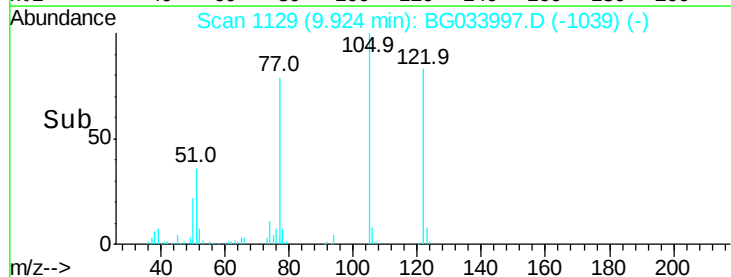
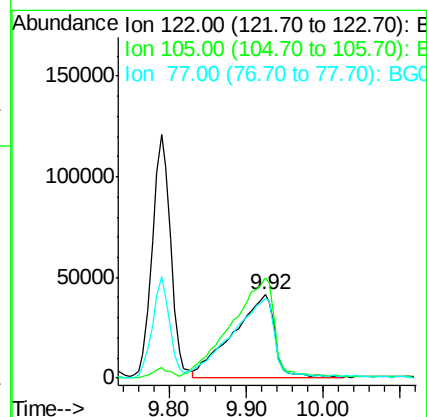
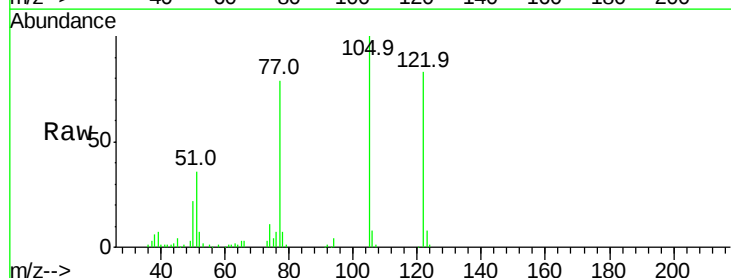
Instrument :
BNA_G
ClientSampleId :

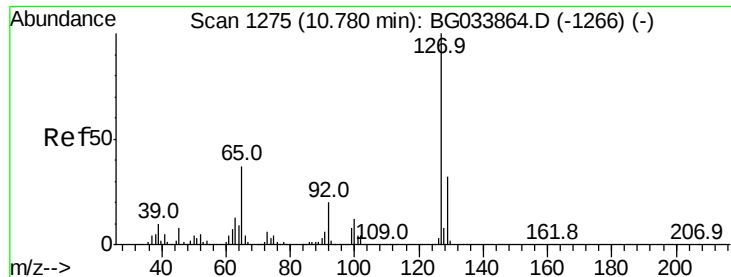
Tot Ion:128 Resp: 576002
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 39.599 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion:122 Resp: 158820
Ion Ratio Lower Upper
122 100
105 121.1 123.5 163.5#
77 95.9 85.7 125.7

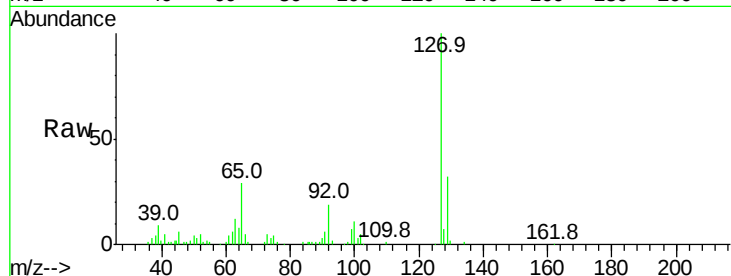




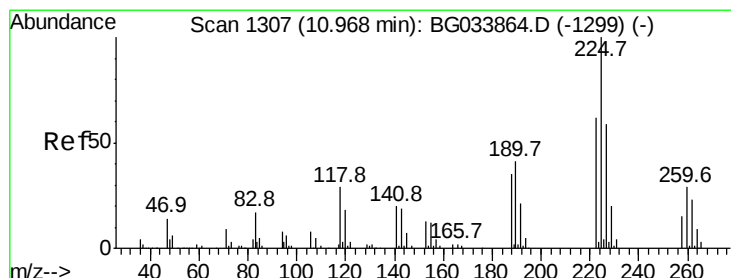
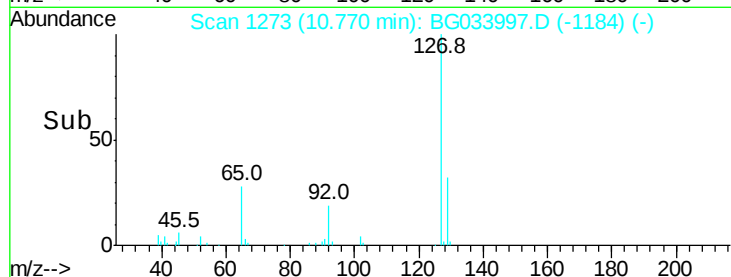
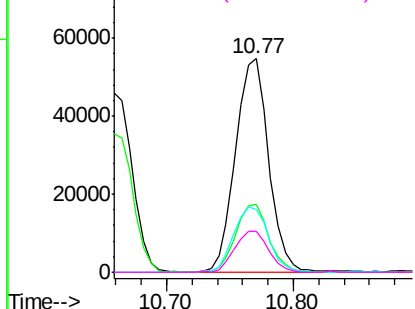
#33
4-Chloroaniline
Concen: 14.114 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.01 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	99511
Ion	Ratio	Lower	Upper
127	100		
129	31.9	24.0	36.0
65	29.2	27.0	40.4
92	19.2	16.6	25.0

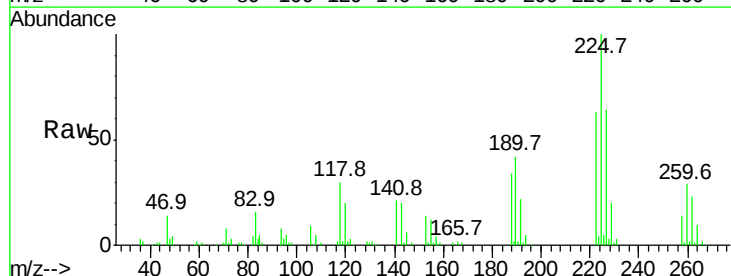


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

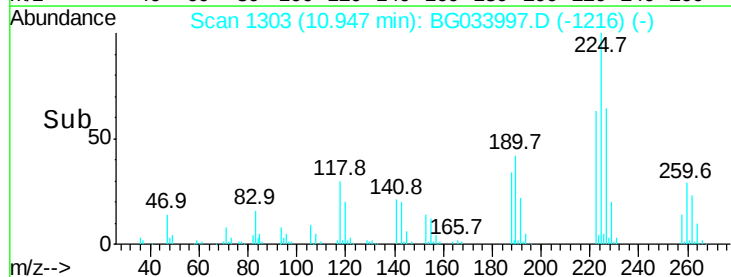
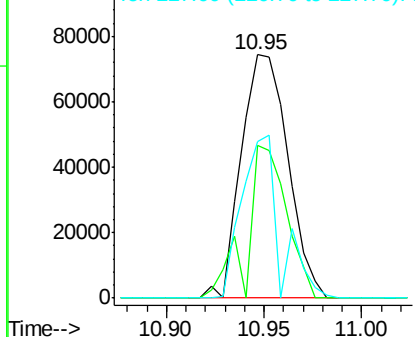


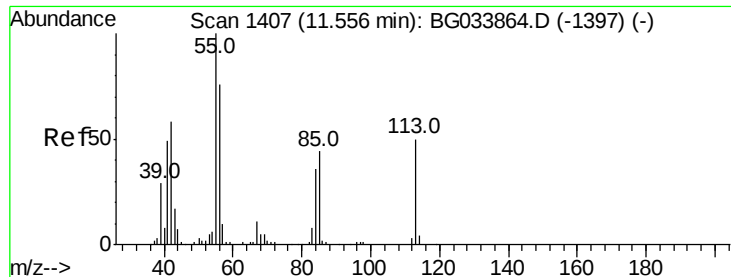
#34
Hexachlorobutadiene
Concen: 39.826 ng
RT: 10.95 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion:	225	Resp:	122793
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.7	74.5
227	64.3	48.1	72.1



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





#35

Caprolactam

Concen: 22.631 ng

RT: 11.54 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

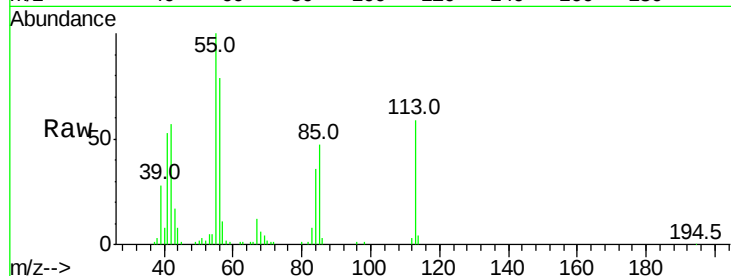
Tot Ion:113 Resp: 44275

Ion Ratio Lower Upper

113 100

55 170.0 186.9 226.9#

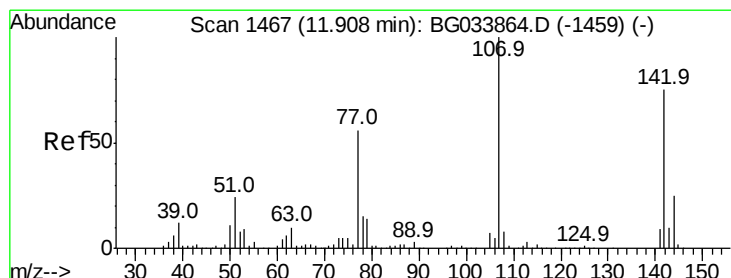
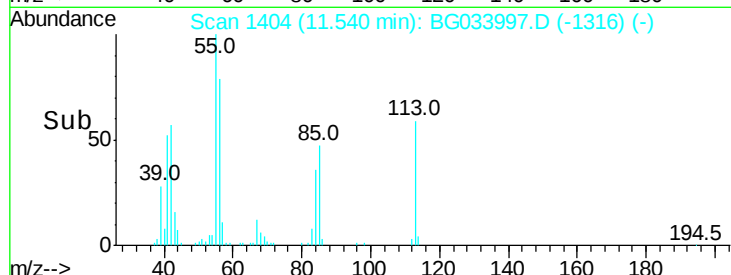
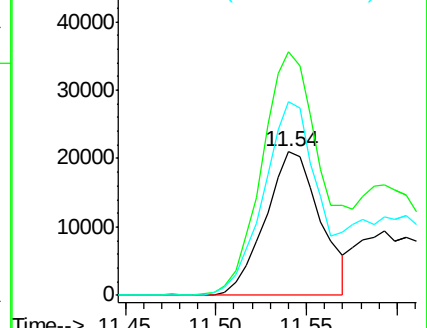
56 135.0 130.9 170.9



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: 41.589 ng

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

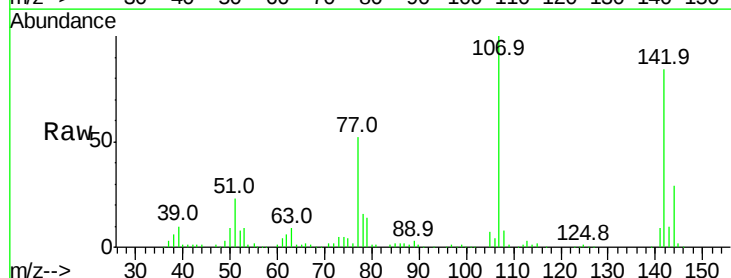
Tgt Ion:107 Resp: 233579

Ion Ratio Lower Upper

107 100

144 28.8 18.2 27.4#

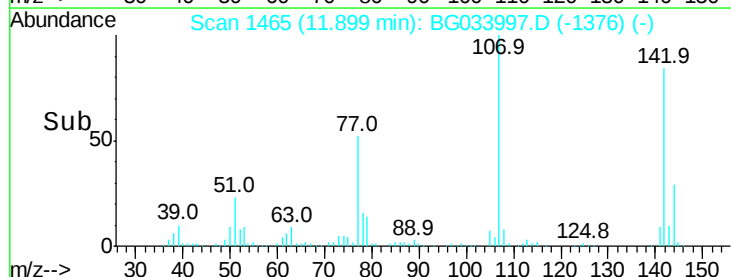
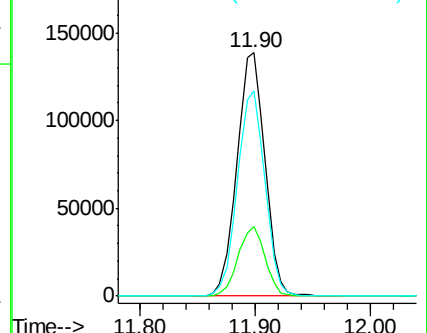
142 84.2 59.0 88.4

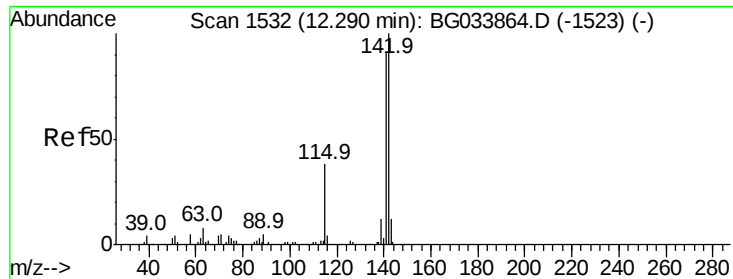


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

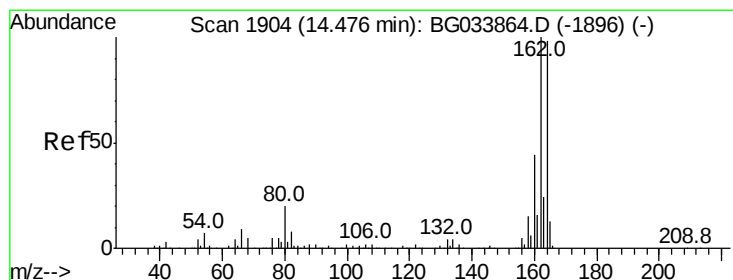
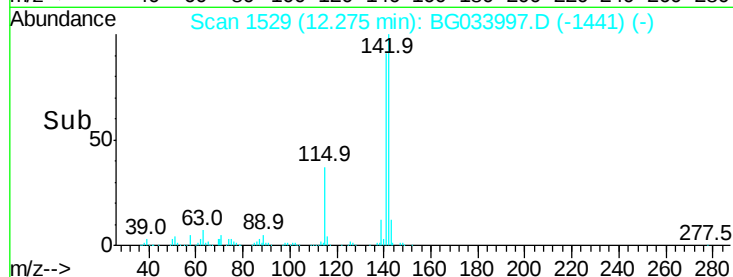
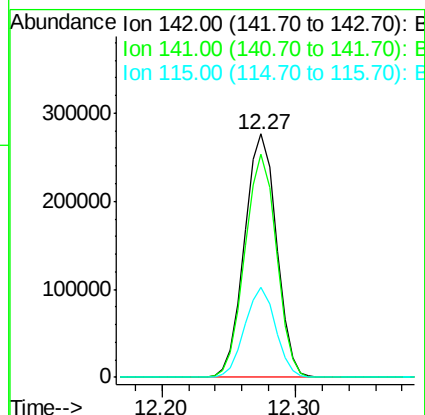
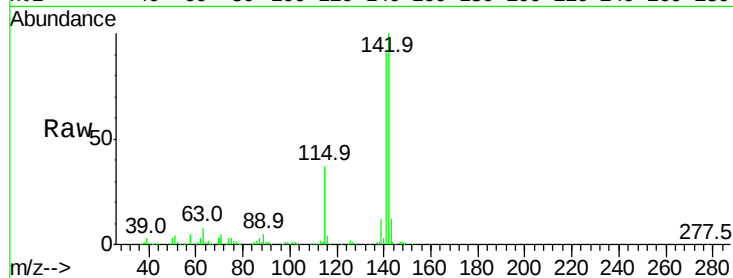




#37
 2-Methylnaphthalene
 Concen: 39.787 ng
 RT: 12.27 min Scan# 1529
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

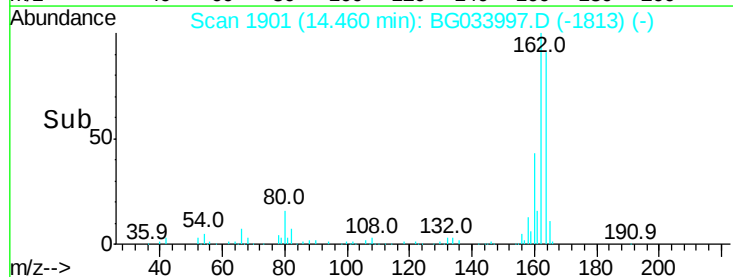
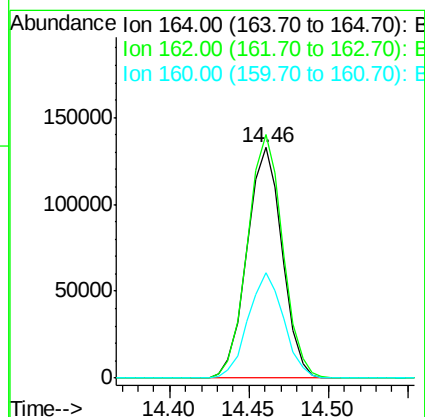
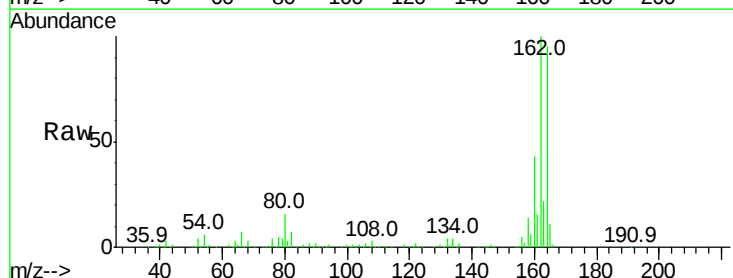
Instrument :
 BNA_G
 ClientSampleId :

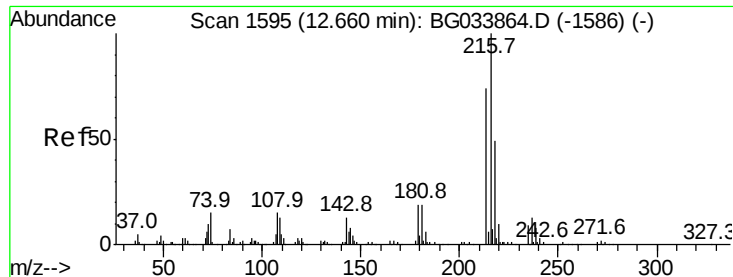
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	67.1	100.7
115	37.0	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	78.8	118.2
160	45.6	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.213 ng

RT: 12.64 min Scan# 1592

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 273440

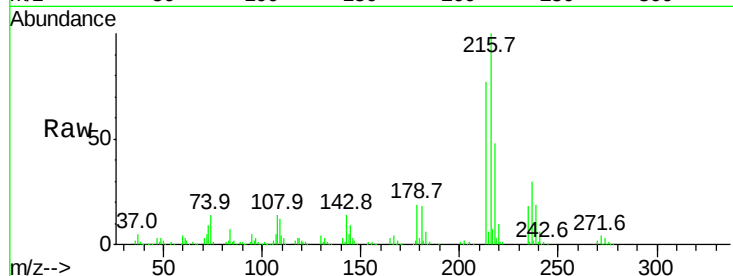
Ion	Ratio	Lower	Upper
216	100		
214	77.1	63.0	94.4
179	18.9	17.0	25.6
108	17.1	12.8	19.2

216 100

214 77.1 63.0 94.4

179 18.9 17.0 25.6

108 17.1 12.8 19.2

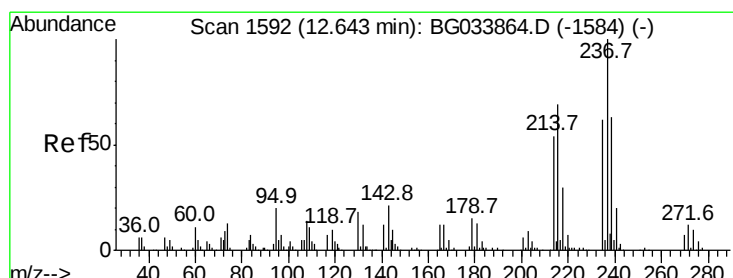
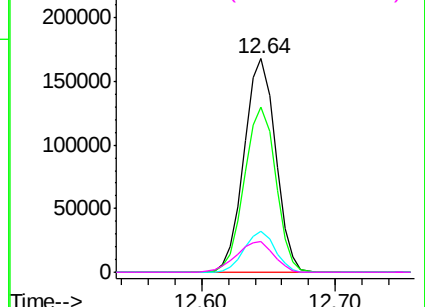
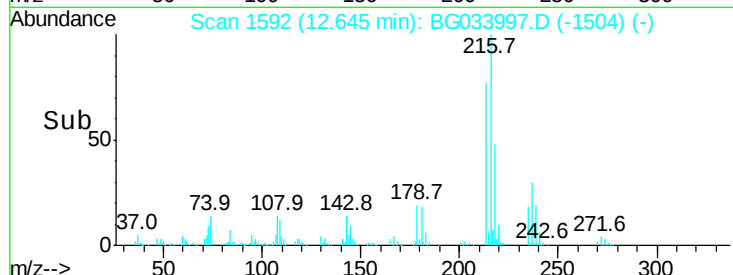


Abundance Ion 216.00 (215.70 to 216.70): E

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: 92.517 ng

RT: 12.63 min Scan# 1589

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

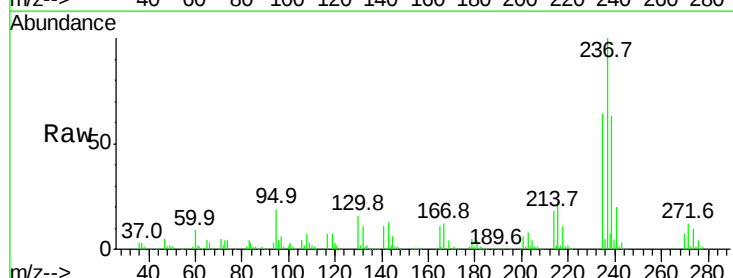
Tgt Ion:237 Resp: 345908

Ion	Ratio	Lower	Upper
237	100		
235	63.9	50.4	90.4
272	12.0	0.0	31.8

237 100

235 63.9 50.4 90.4

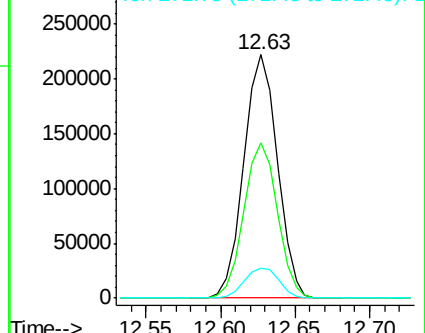
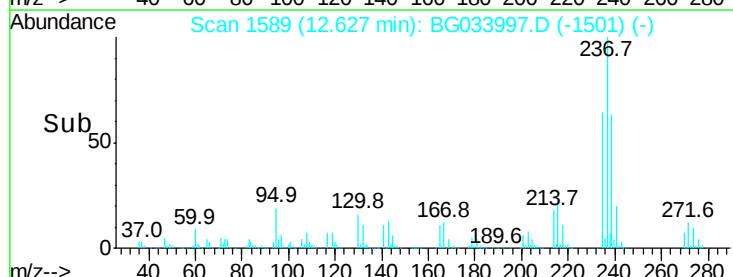
272 12.0 0.0 31.8

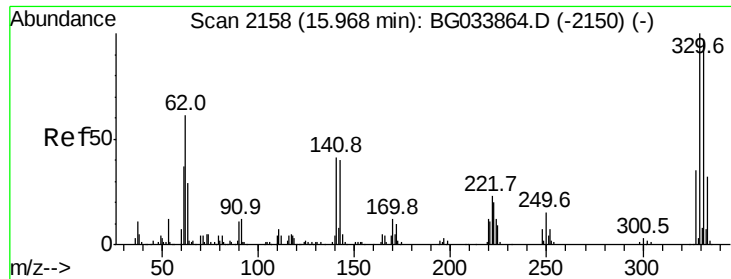


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

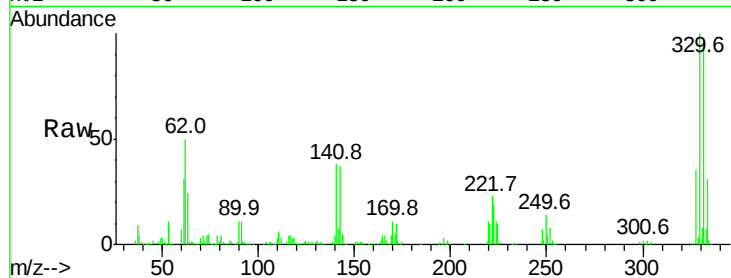




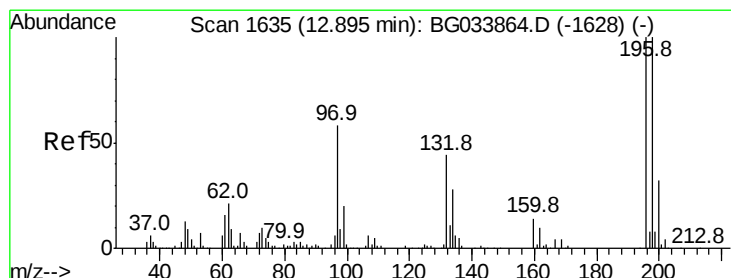
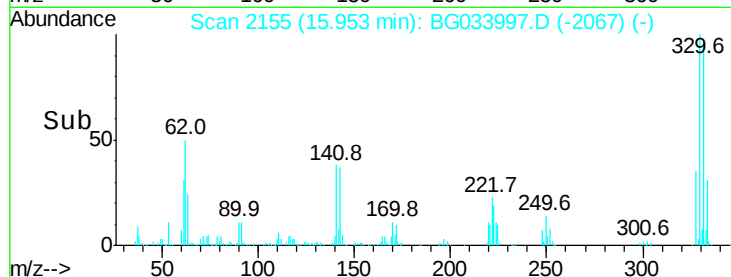
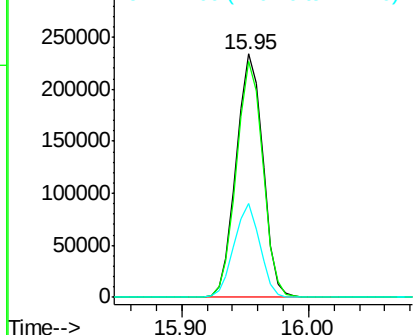
#41
 2,4,6-Tribromophenol
 Concen: 142.765 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 341073
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 37.1 25.2 37.8

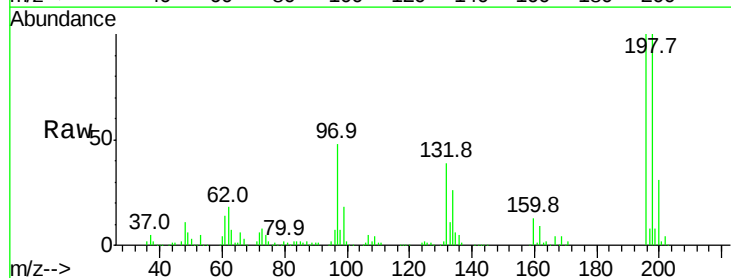


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

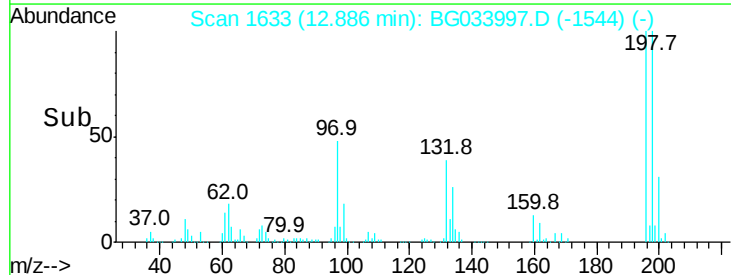
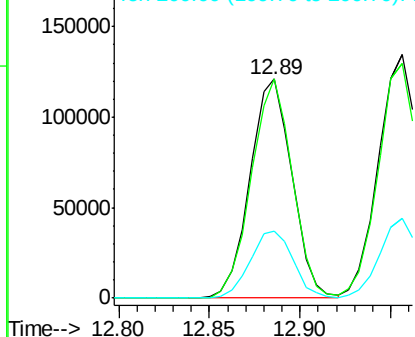


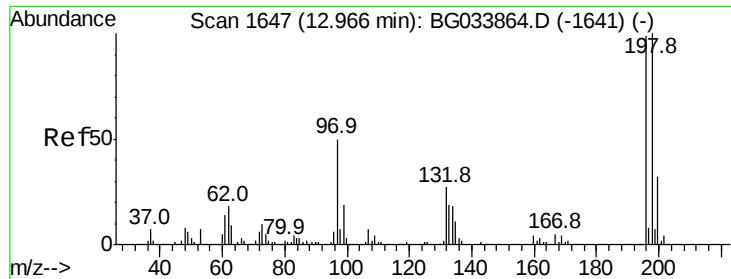
#42
 2,4,6-Trichlorophenol
 Concen: 46.823 ng
 RT: 12.89 min Scan# 1633
 Delta R.T. -0.01 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion:196 Resp: 194123
 Ion Ratio Lower Upper
 196 100
 198 100.1 78.2 117.2
 200 32.8 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

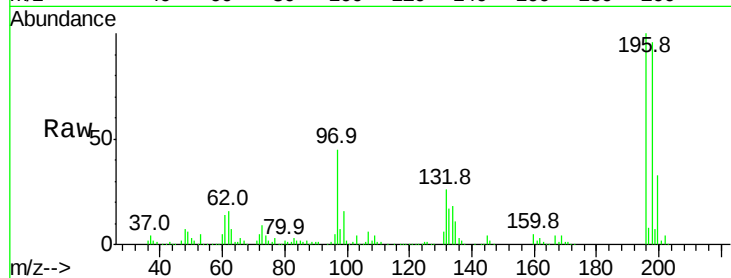




#43
 2,4,5-Trichlorophenol
 Concen: 44.871 ng
 RT: 12.96 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.4
97	44.9	38.7	58.1
132	25.8	20.2	30.2



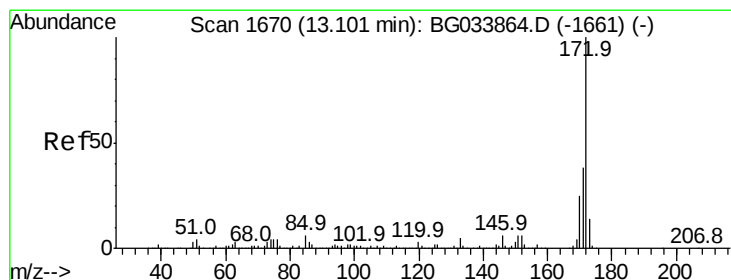
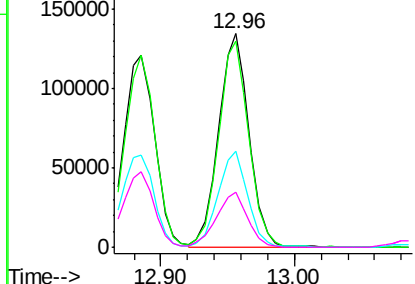
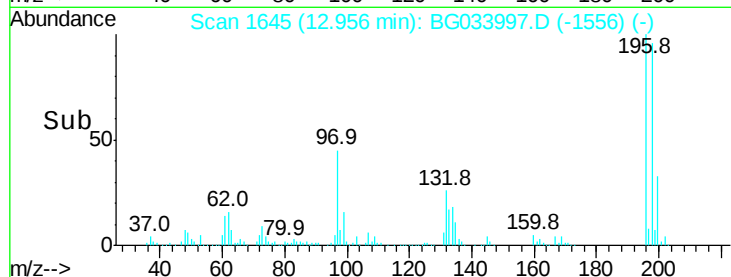
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

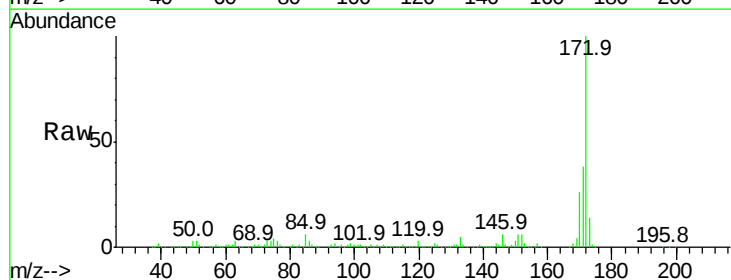
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 83.468 ng
 RT: 13.09 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.7	19.5	29.3

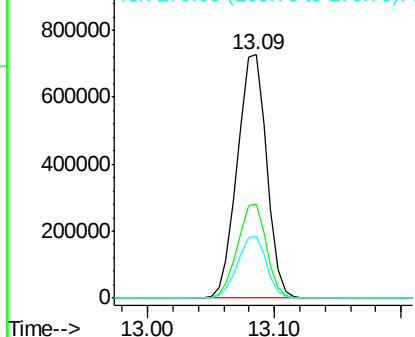
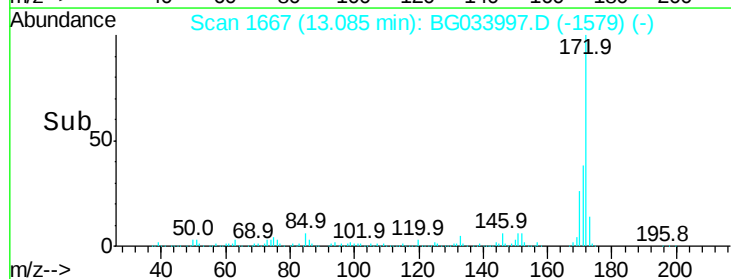


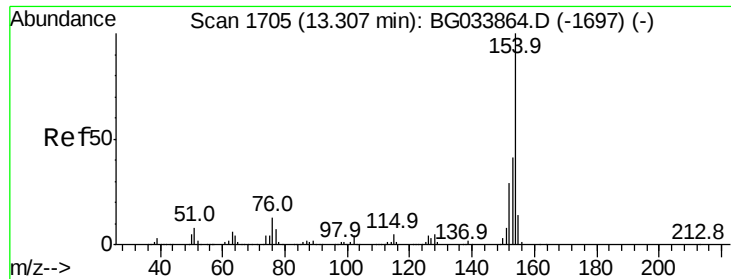
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

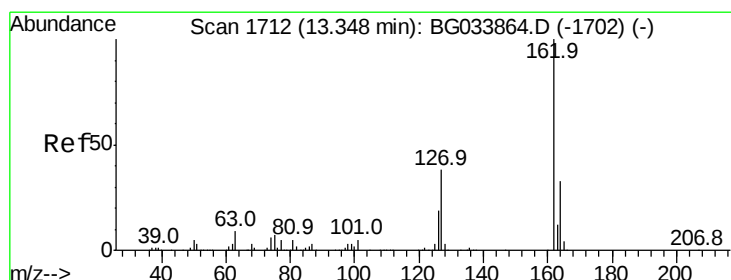
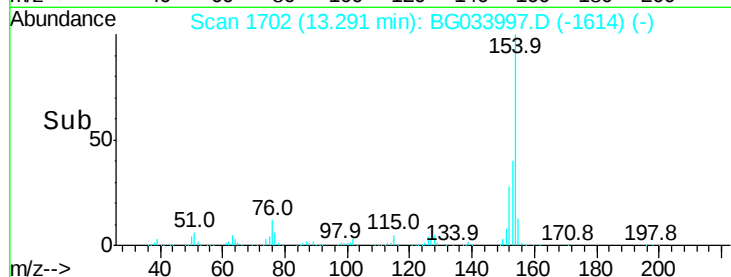
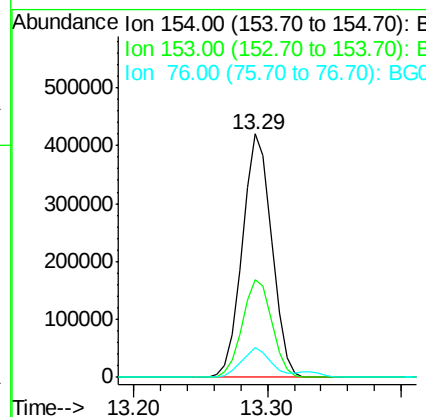
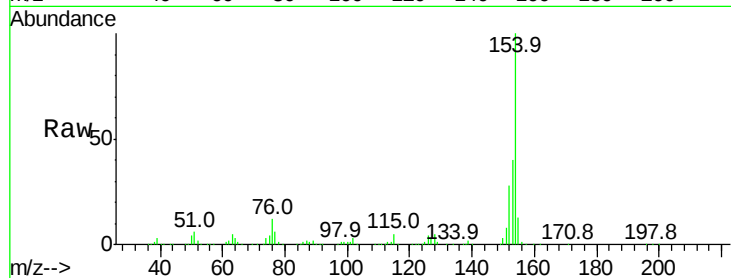




#45
 1,1'-Biphenyl
 Concen: 38.421 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

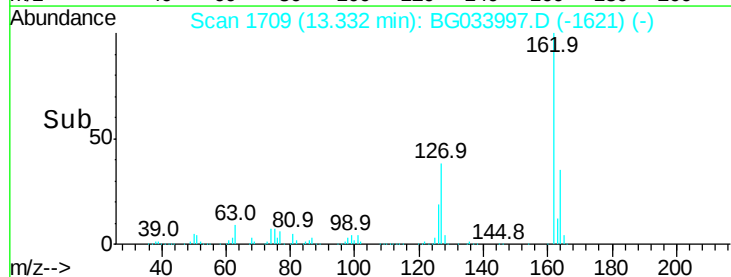
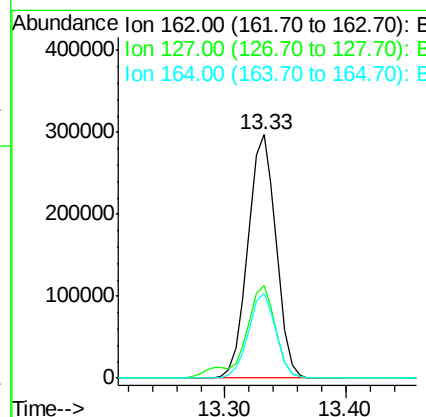
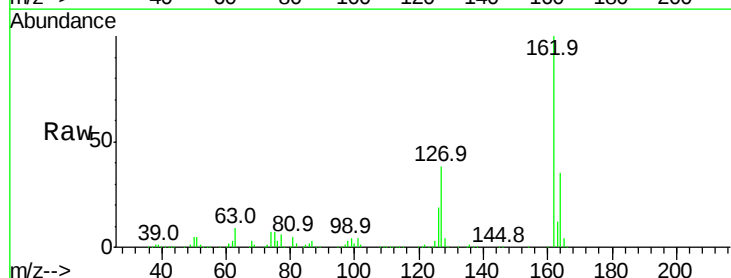
Instrument :
 BNA_G
 ClientSampleId :

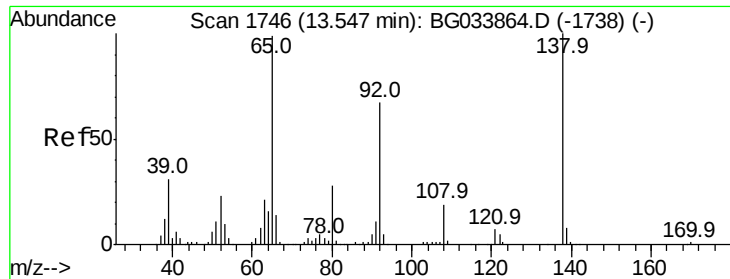
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.8	59.8
76	12.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 38.293 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.2	30.7	46.1
164	34.9	26.0	39.0

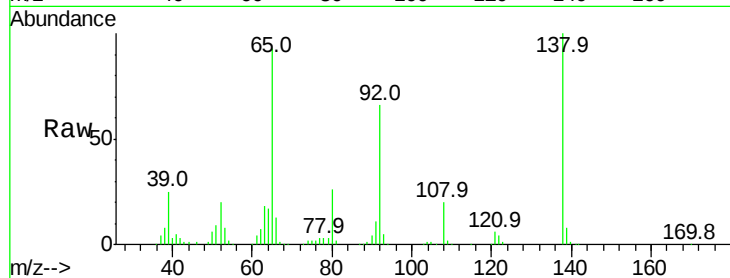




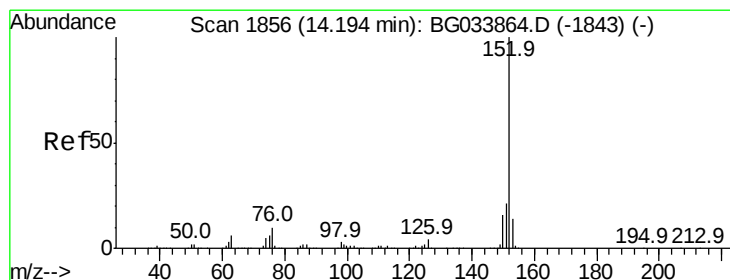
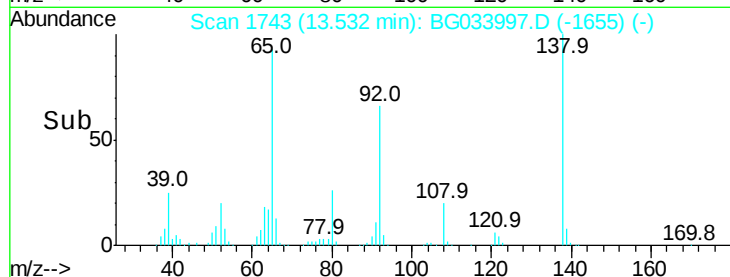
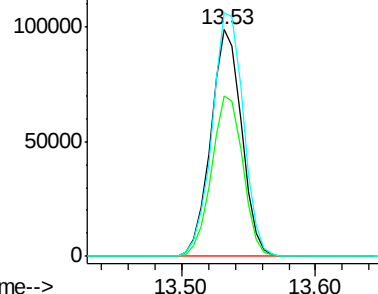
#47
2-Nitroaniline
Concen: 40.089 ng
RT: 13.53 min Scan# 1743
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Instrument :
BNA_G
ClientSampled :

Tot Ion: 65 Resp: 157328
Ion Ratio Lower Upper
65 100
92 70.8 54.6 82.0
138 107.4 72.9 109.3

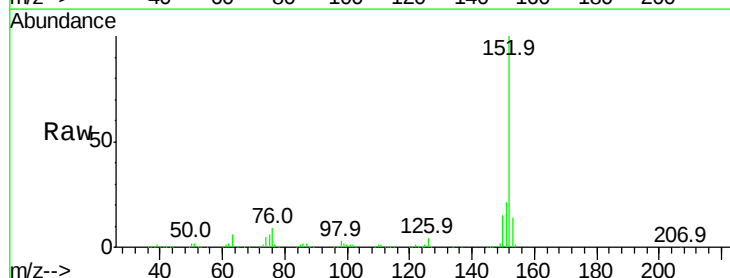


Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

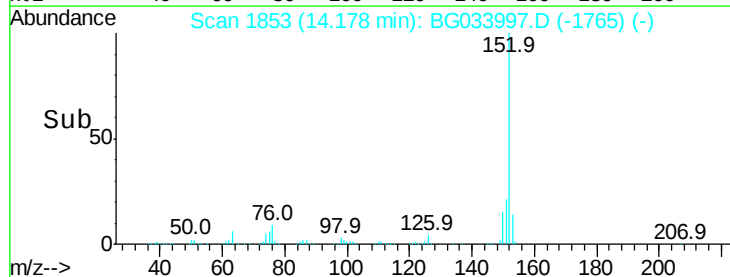
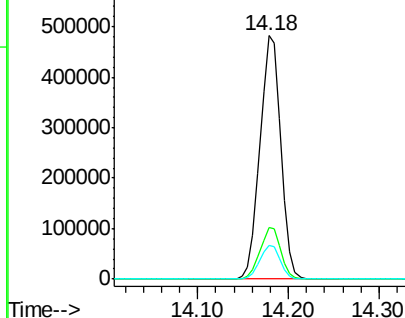


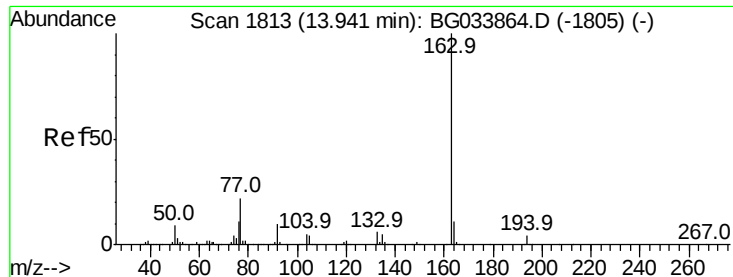
#48
Acenaphthylene
Concen: 37.183 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion:152 Resp: 776855
Ion Ratio Lower Upper
152 100
151 21.3 17.2 25.8
153 13.6 10.2 15.4



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





#49

Dimethylphthalate

Concen: 37.305 ng

RT: 13.93 min Scan# 1810

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

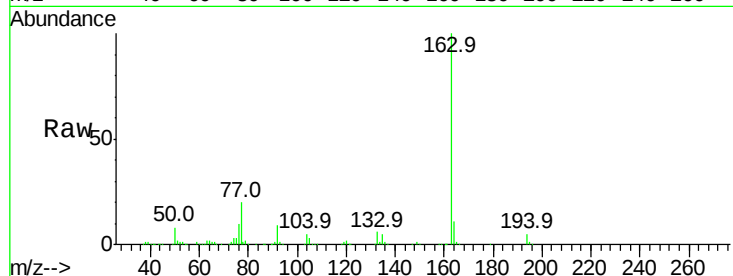
Tot Ion:163 Resp: 671981

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

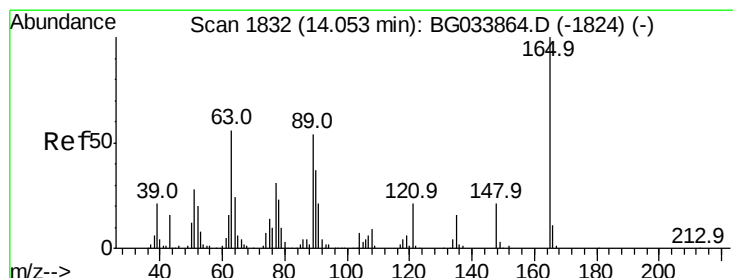
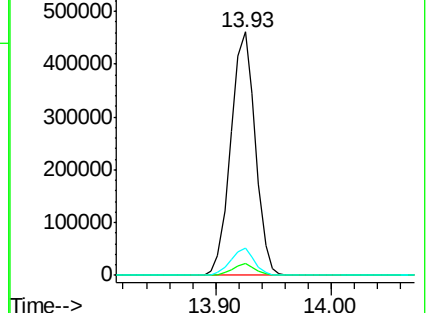
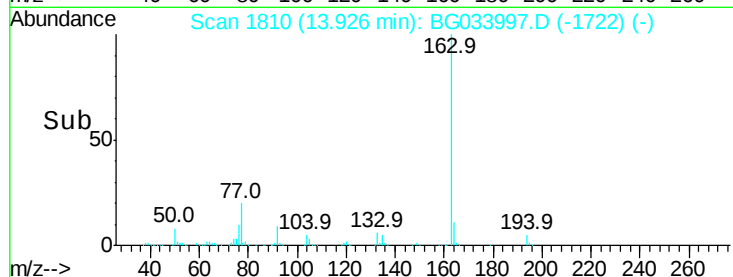
164 11.1 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.984 ng

RT: 14.04 min Scan# 1829

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

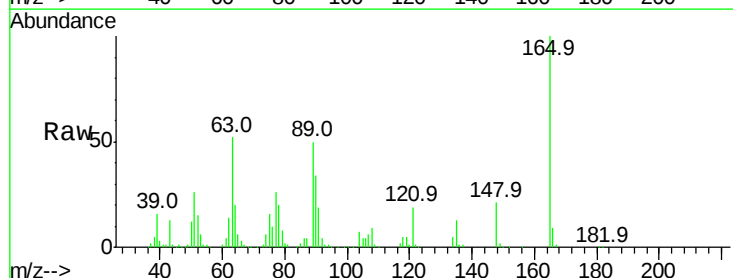
Tgt Ion:165 Resp: 153562

Ion Ratio Lower Upper

165 100

63 52.2 52.7 79.1#

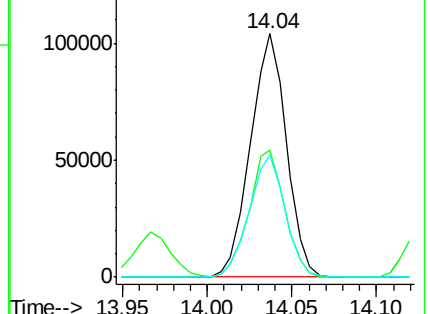
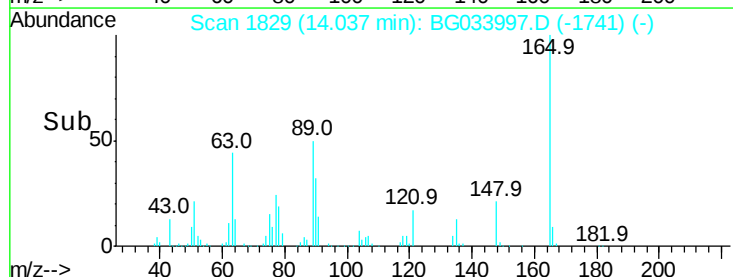
89 50.1 49.2 73.8

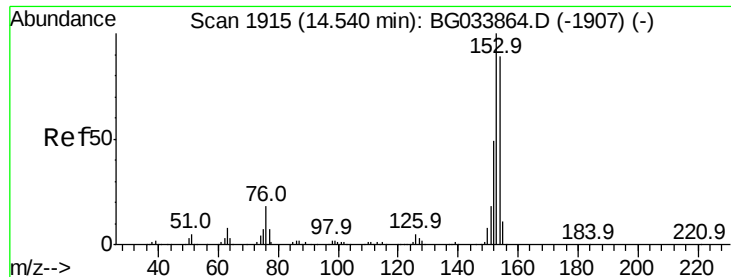


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.030 ng

RT: 14.52 min Scan# 1912

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

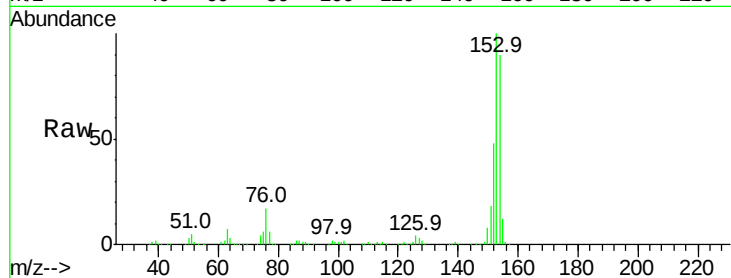
Tot Ion:154 Resp: 486015

Ion Ratio Lower Upper

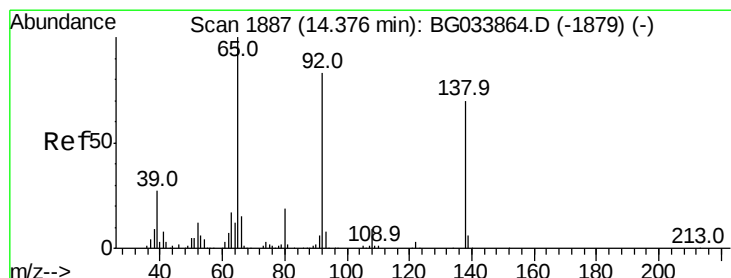
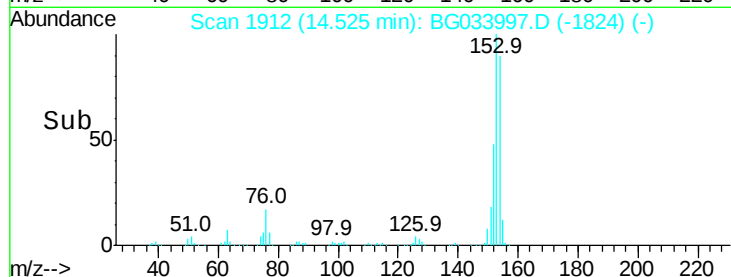
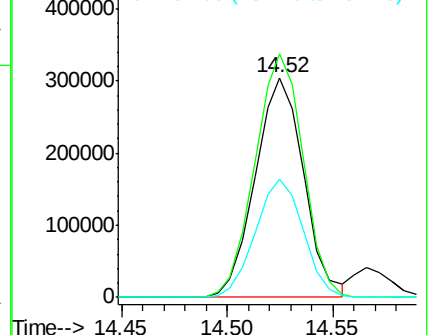
154 100

153 110.8 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: 21.531 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

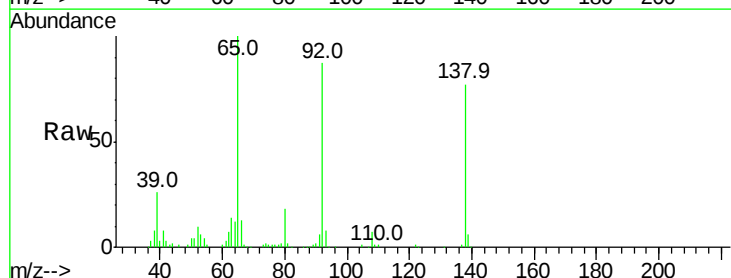
Tgt Ion:138 Resp: 79809

Ion Ratio Lower Upper

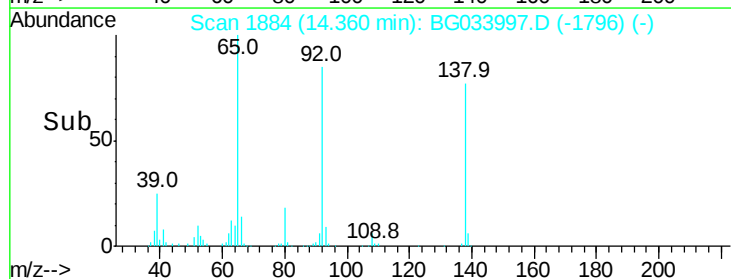
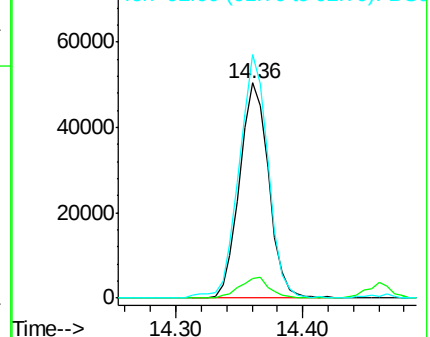
138 100

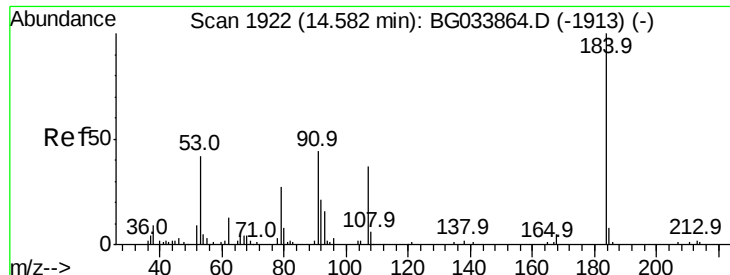
108 9.2 17.5 26.3#

92 113.1 105.8 158.8



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

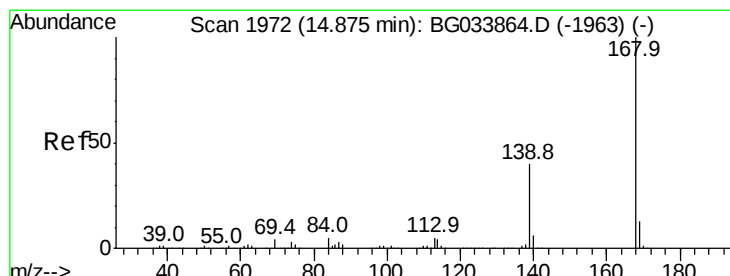
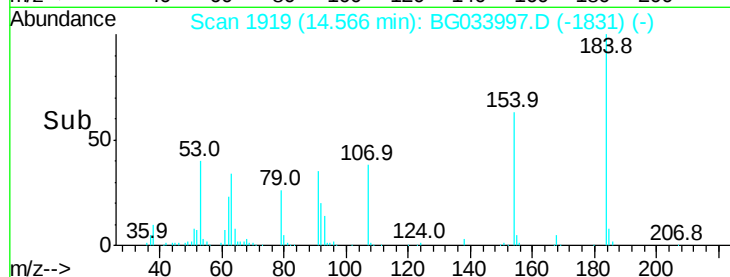
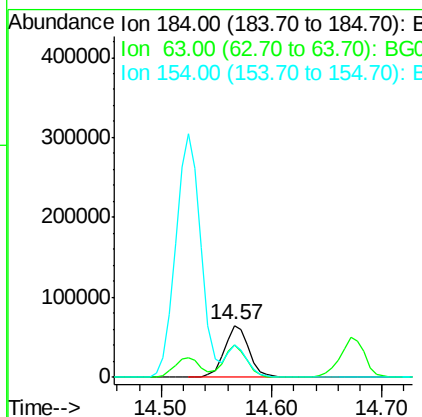
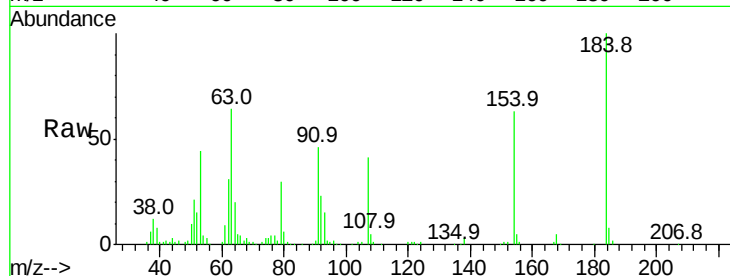




#53
 2,4-Dinitrophenol
 Concen: 83.008 ng
 RT: 14.57 min Scan# 1919
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

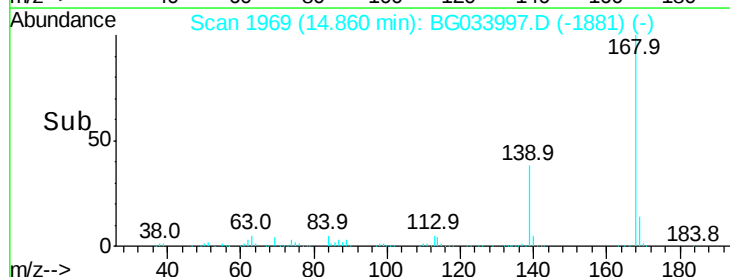
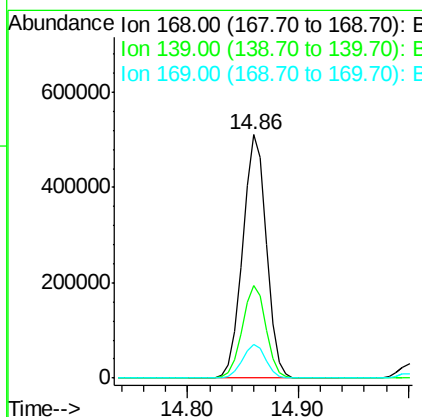
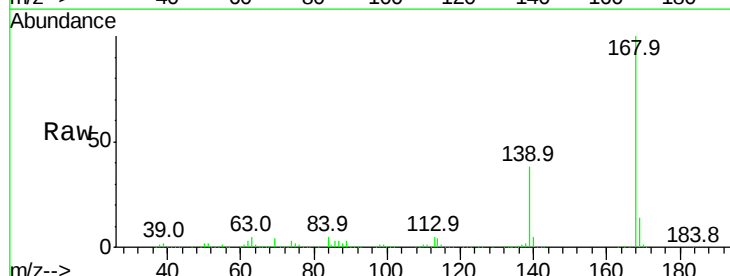
Instrument :
 BNA_G
 ClientSampleId :

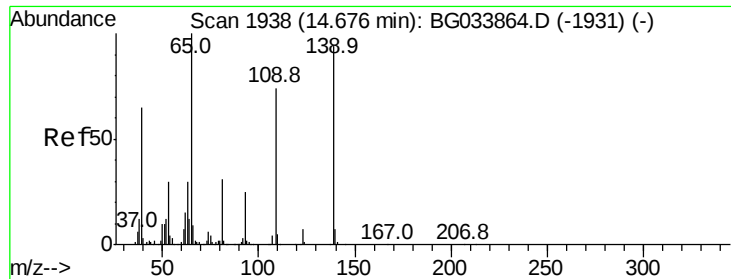
Tot Ion:184 Resp: 101338
 Ion Ratio Lower Upper
 184 100
 63 63.6 59.8 89.8
 154 63.0 101.8 152.8#



#54
 Dibenzofuran
 Concen: 39.462 ng
 RT: 14.86 min Scan# 1969
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion:168 Resp: 767854
 Ion Ratio Lower Upper
 168 100
 139 37.9 28.6 43.0
 169 13.8 11.2 16.8

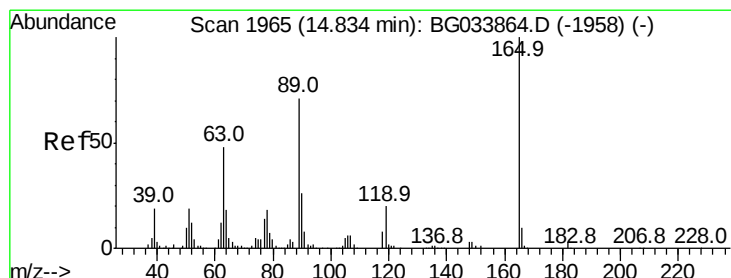
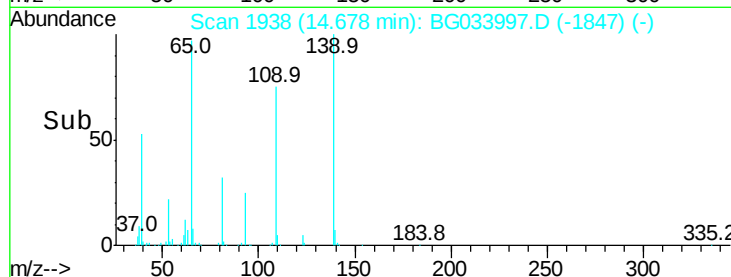
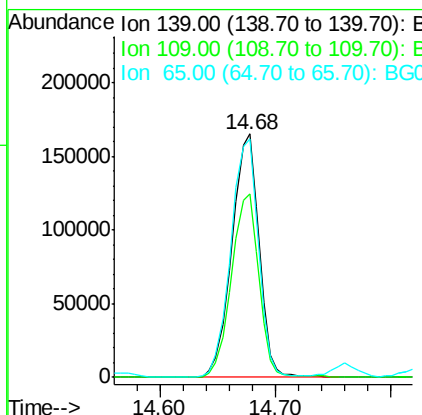
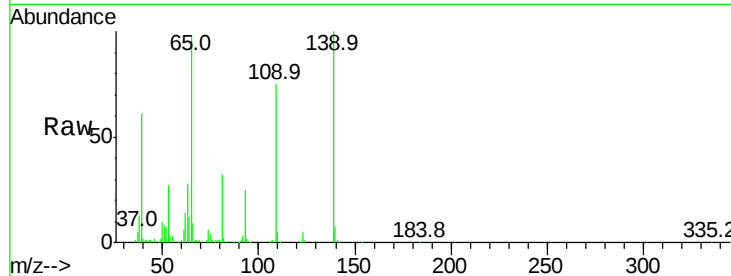




#55
4-Nitrophenol
Concen: 92.719 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

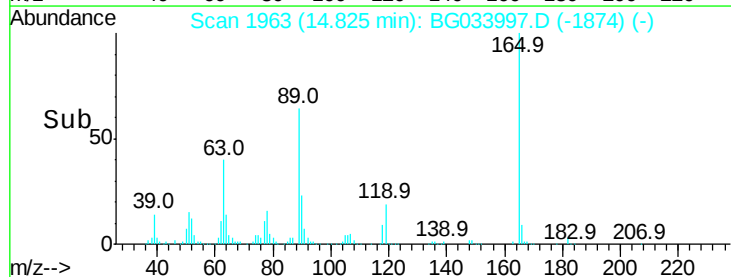
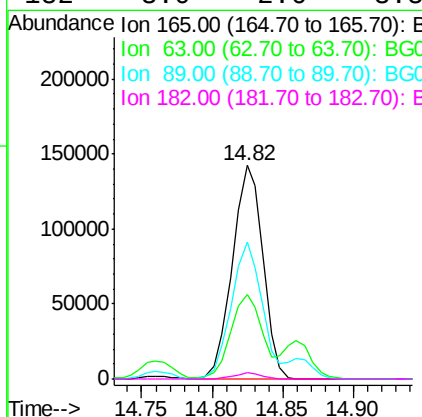
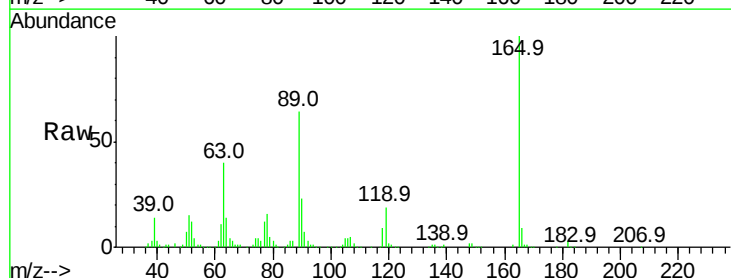
Instrument :
BNA_G
ClientSampleId :

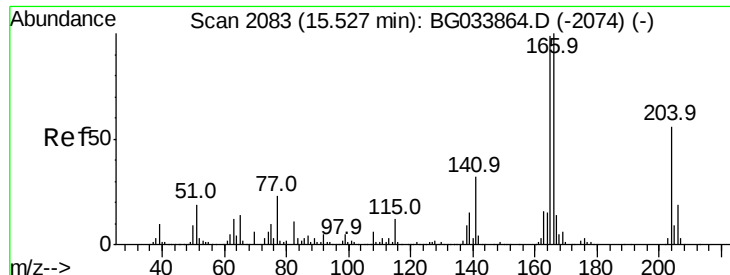
Tot Ion	Ratio	Lower	Upper
139	100		
109	75.5	62.2	102.2
65	98.2	97.2	137.2



#56
2,4-Dinitrotoluene
Concen: 47.052 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.6	42.0	63.0#
89	64.0	66.9	100.3#
182	3.0	2.6	3.8

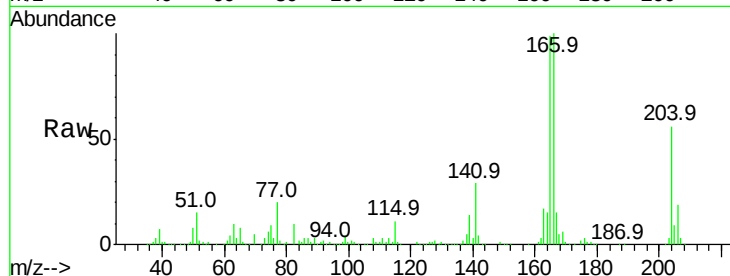




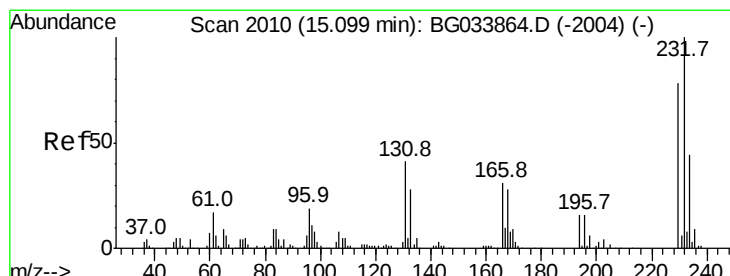
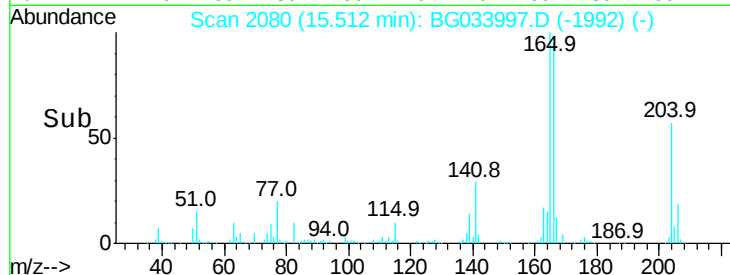
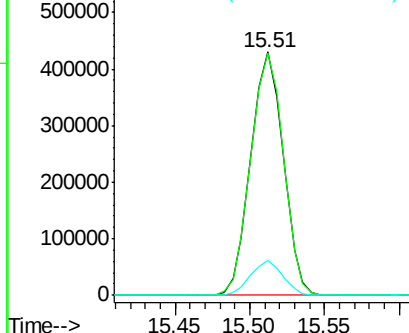
#57
 Fluorene
 Concen: 38.471 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 647785
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.6 121.0
 167 14.5 10.4 15.6

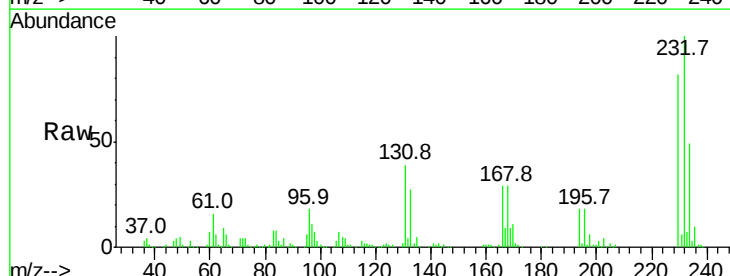


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

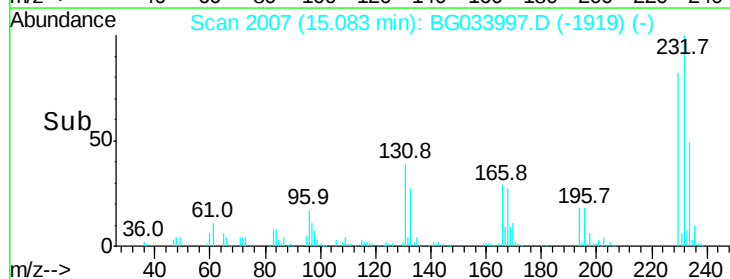
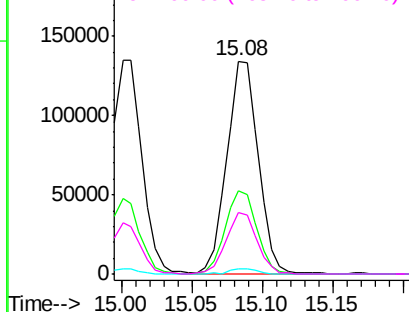


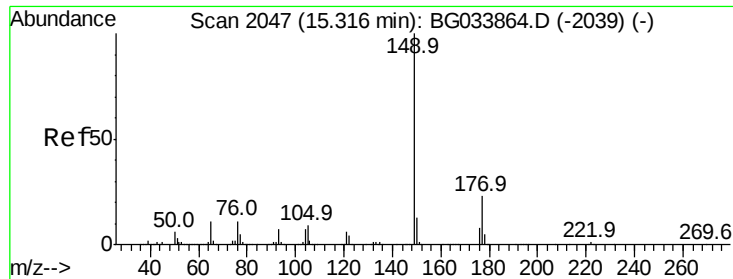
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.828 ng
 RT: 15.08 min Scan# 2007
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion:232 Resp: 208727
 Ion Ratio Lower Upper
 232 100
 131 38.7 33.5 50.3
 130 2.2 2.2 3.2
 166 28.3 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

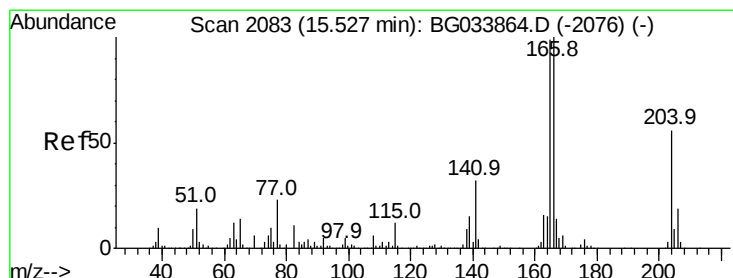
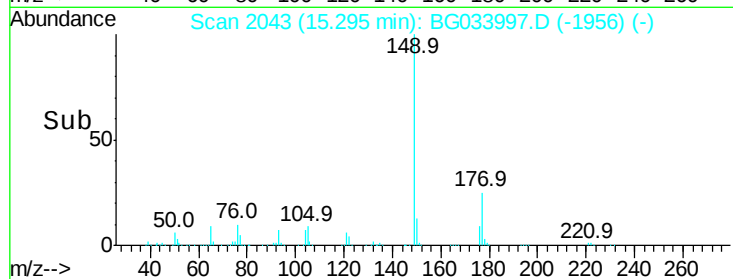
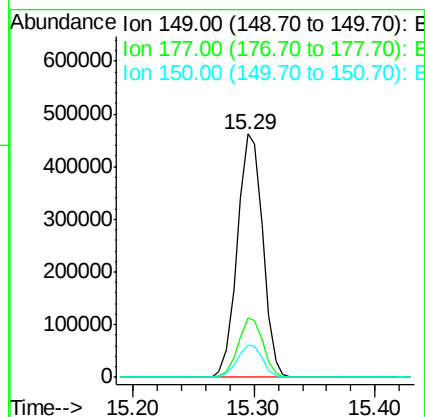
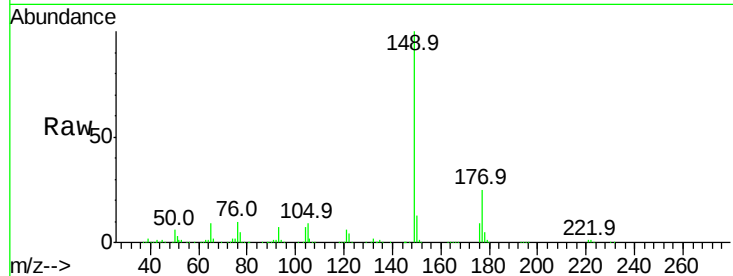




#59
Diethylphthalate
Concen: 35.630 ng
RT: 15.29 min Scan# 2043
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

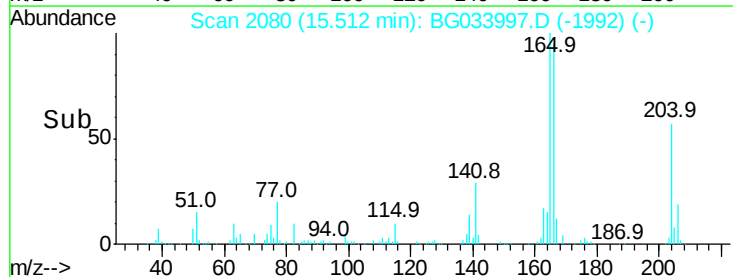
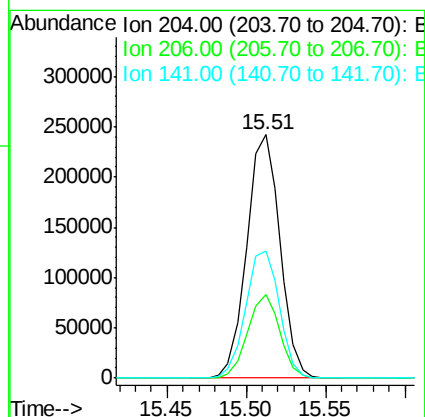
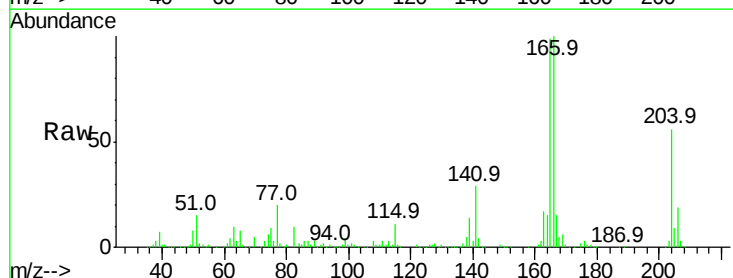
Instrument :
BNA_G
ClientSampleId :

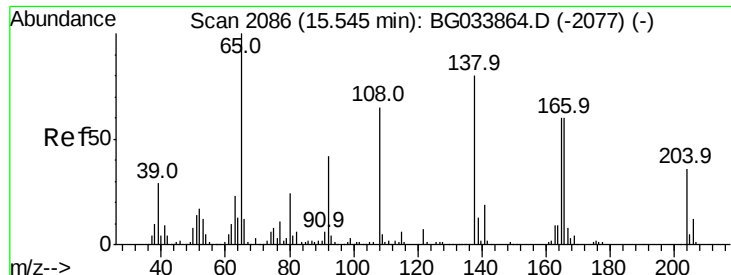
Tot Ion:149 Resp: 678405
Ion Ratio Lower Upper
149 100
177 24.5 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.914 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion:204 Resp: 351530
Ion Ratio Lower Upper
204 100
206 34.4 26.2 39.2
141 52.3 45.8 68.6

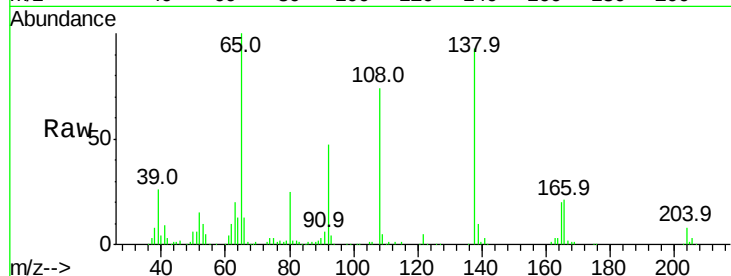




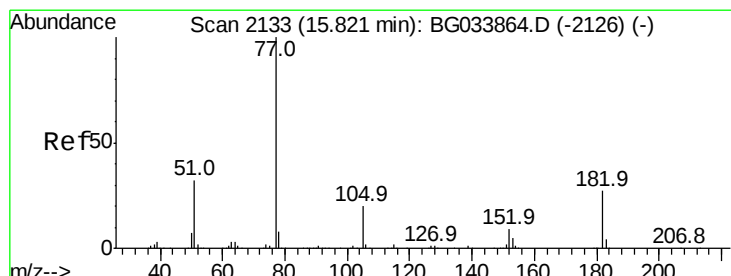
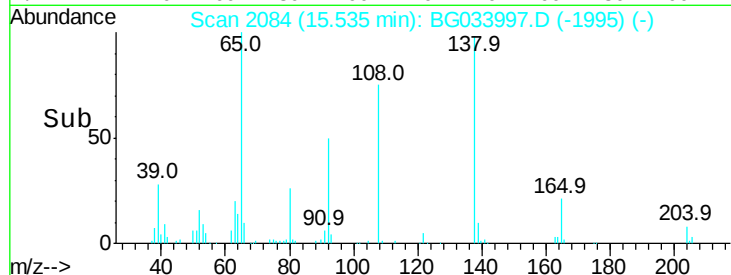
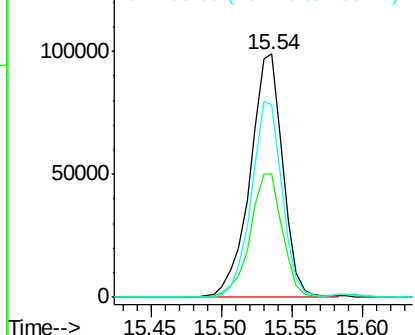
#61
4-Nitroaniline
Concen: 40.886 ng
RT: 15.54 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 160913
Ion Ratio Lower Upper
138 100
92 50.7 40.1 80.1
108 79.1 65.4 105.4

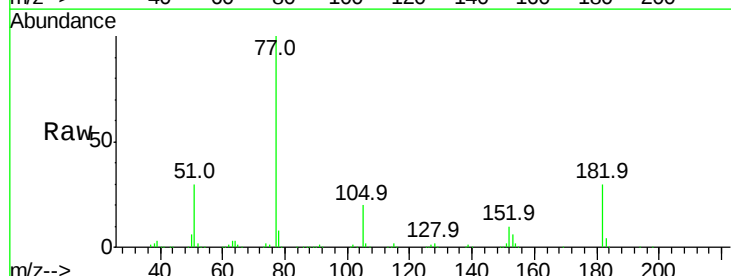


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

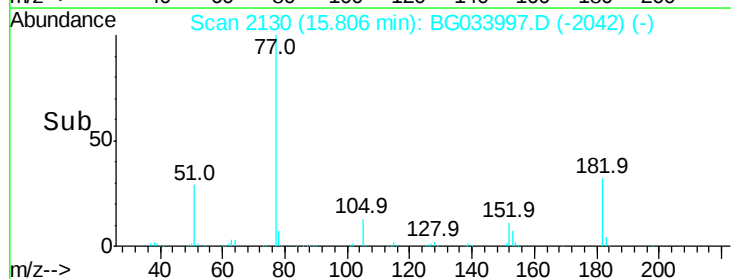
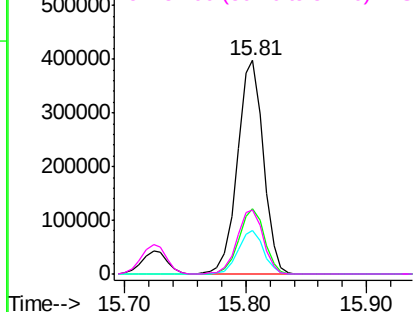


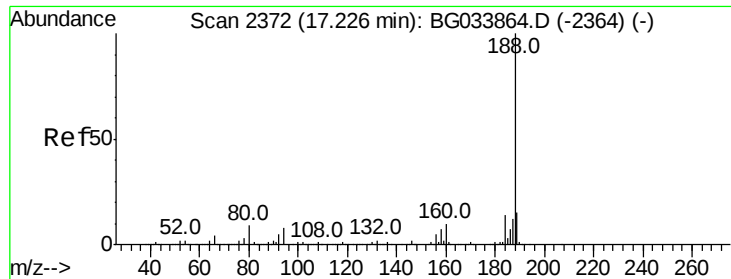
#62
Azobenzene
Concen: 35.025 ng
RT: 15.81 min Scan# 2130
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion: 77 Resp: 594462
Ion Ratio Lower Upper
77 100
182 30.5 7.4 47.4
105 20.4 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

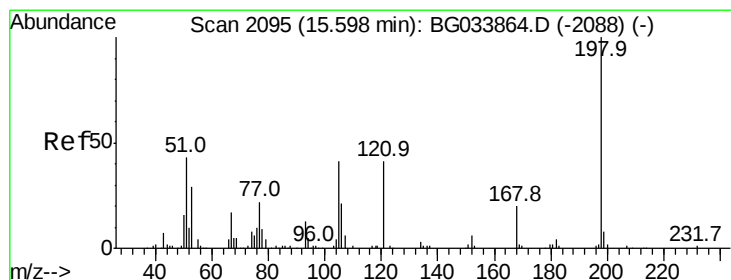
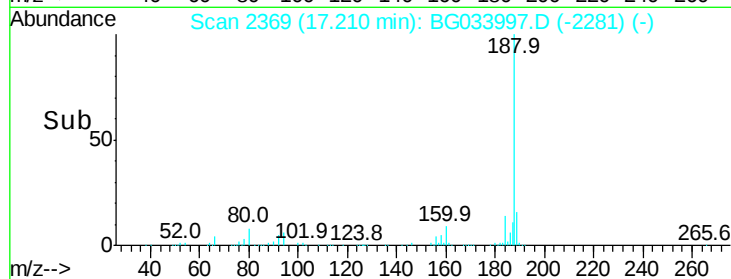
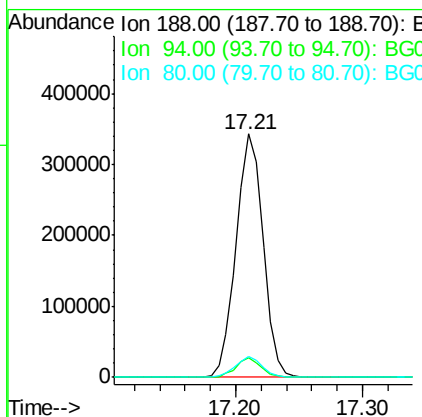
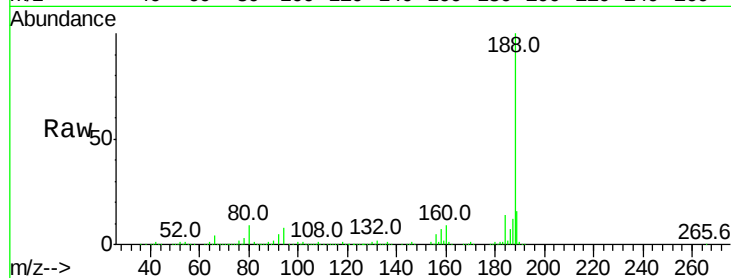




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

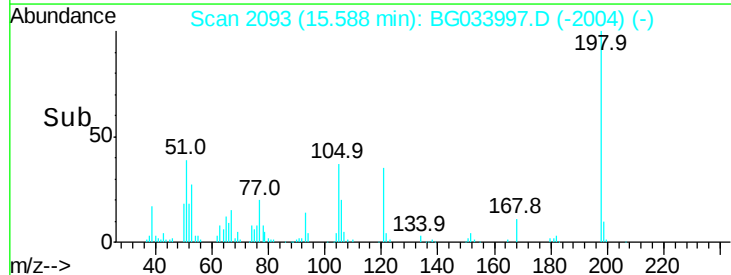
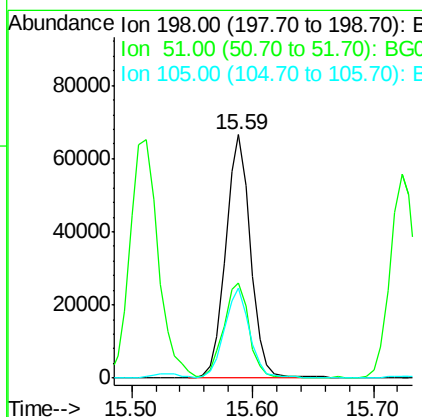
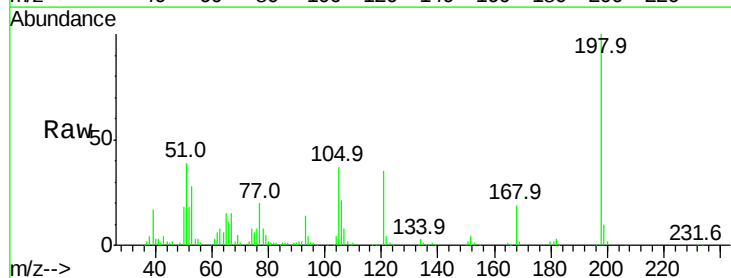
Instrument :
BNA_G
ClientSampleId :

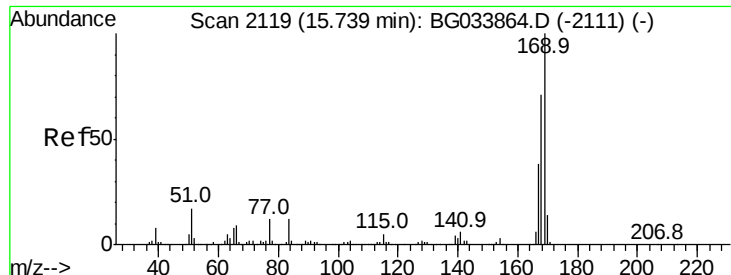
Tot Ion:188 Resp: 505234
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 8.6 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 40.245 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion:198 Resp: 94962
Ion Ratio Lower Upper
198 100
51 39.1 30.6 70.6
105 36.8 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 38.734 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

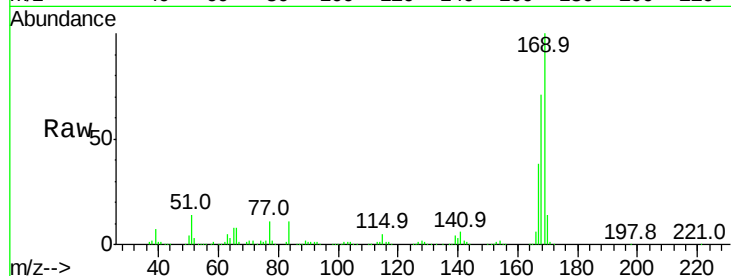
Tot Ion:169 Resp: 568954

Ion Ratio Lower Upper

169 100

168 71.4 55.7 83.5

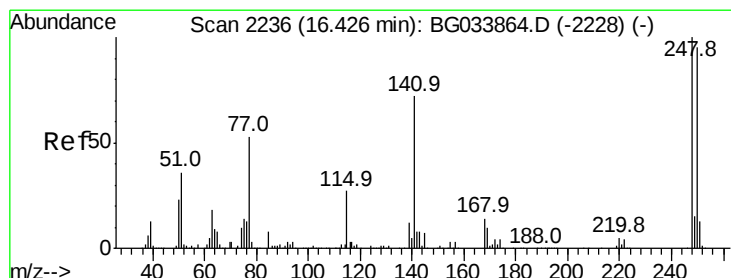
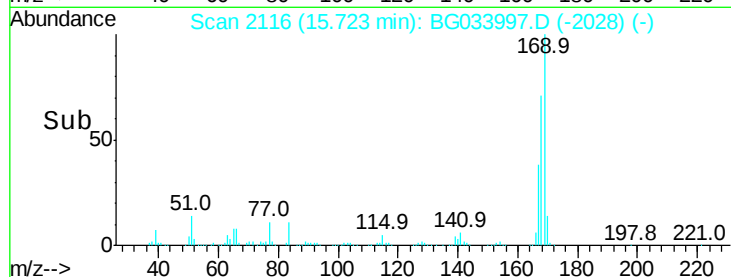
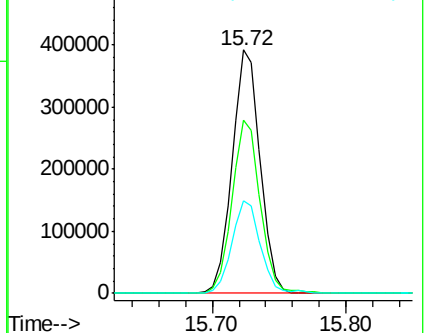
167 38.2 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.541 ng

RT: 16.41 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

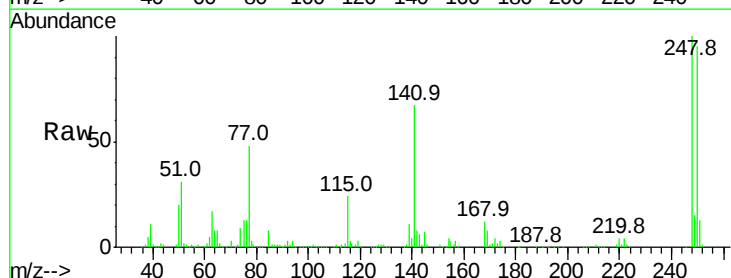
Tgt Ion:248 Resp: 230494

Ion Ratio Lower Upper

248 100

250 95.1 77.1 115.7

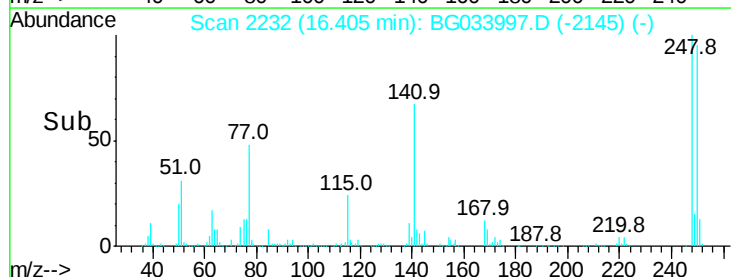
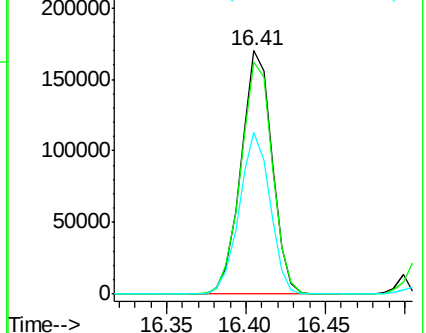
141 66.5 50.8 76.2

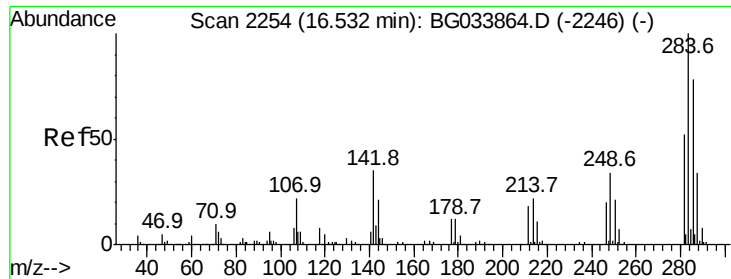


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

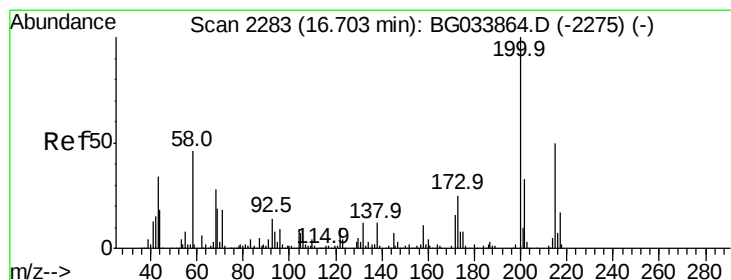
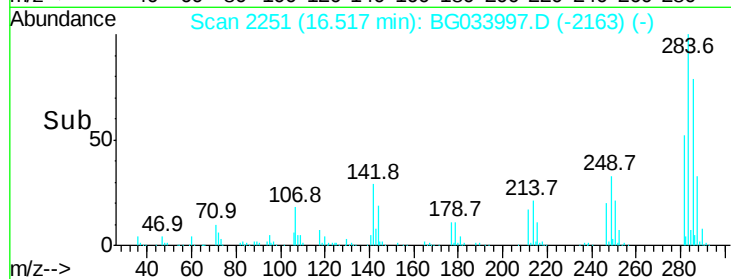
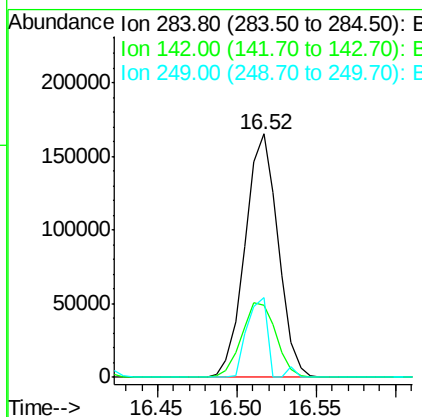
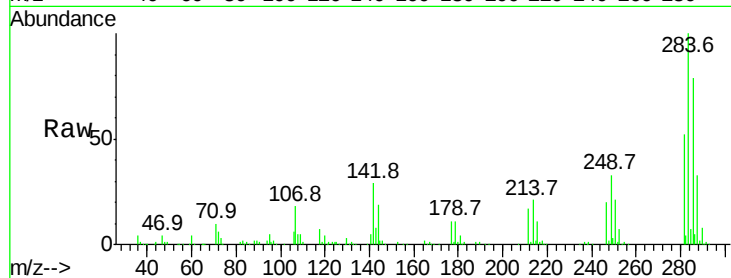




#67
Hexachlorobenzene
Concen: 40.368 ng
RT: 16.52 min Scan# 2251
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

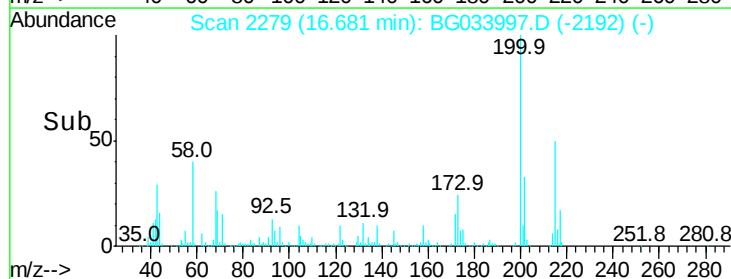
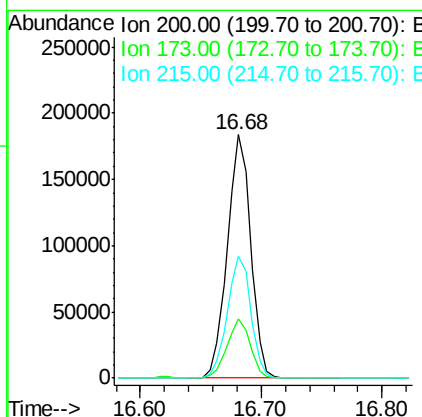
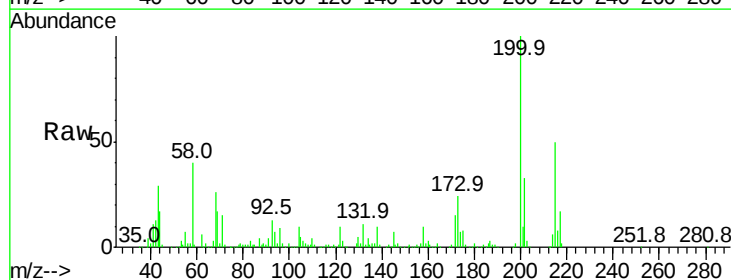
Instrument :
BNA_G
ClientSampleId :

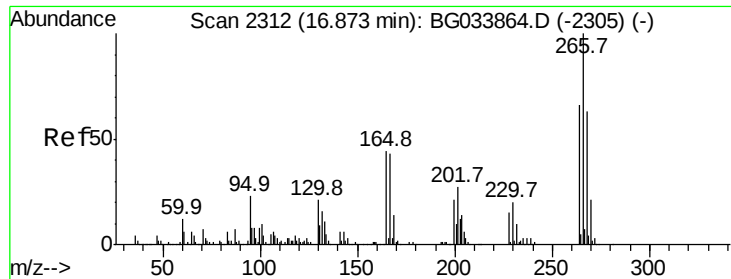
Tot Ion	Ratio	Lower	Upper
284	100		
142	29.4	26.8	40.2
249	35.5	26.3	39.5



#68
Atrazine
Concen: 43.018 ng
RT: 16.68 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.4	5.2	45.2
215	50.2	30.4	70.4

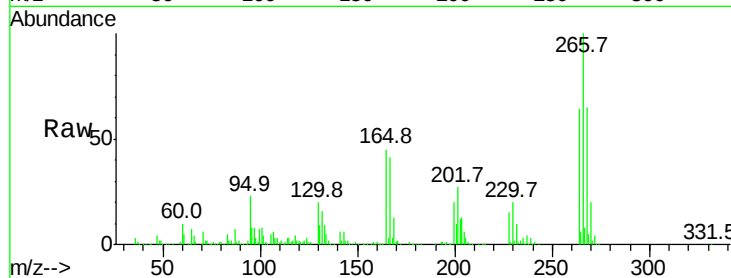




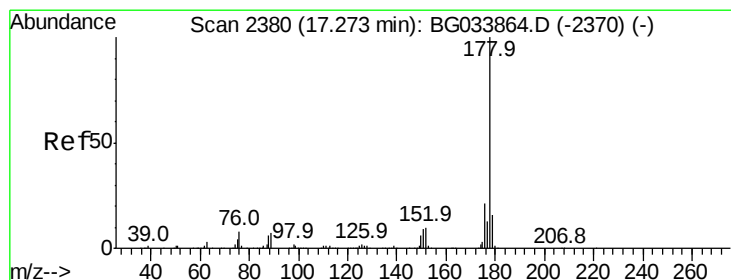
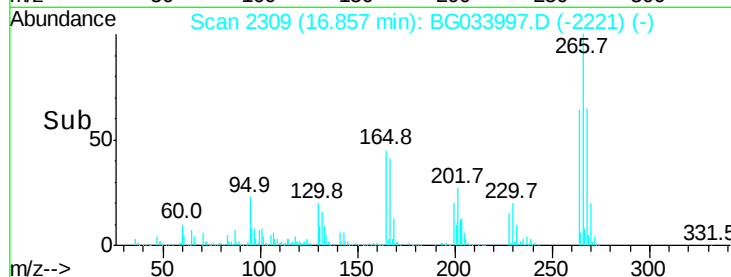
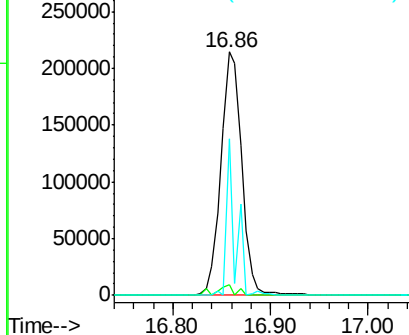
#69
 Pentachlorophenol
 Concen: 78.223 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
266	100		
268	4.6	51.1	76.7#
264	70.1	49.6	74.4

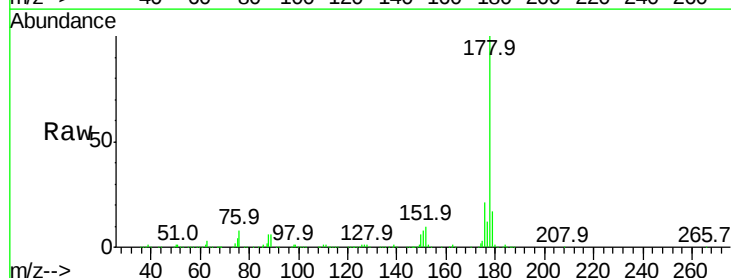


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

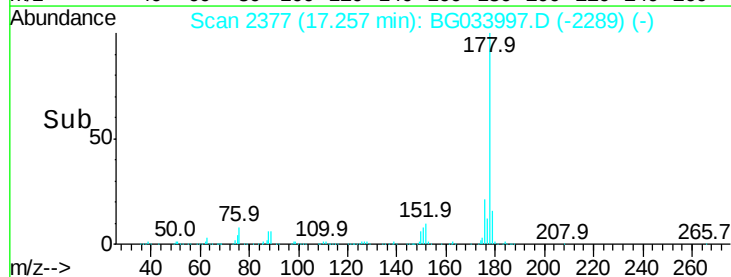
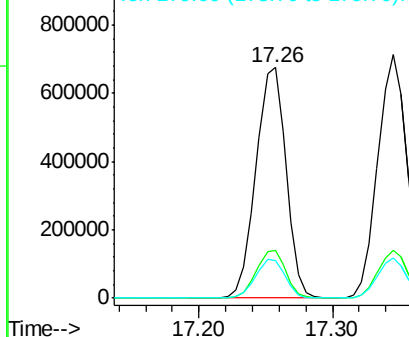


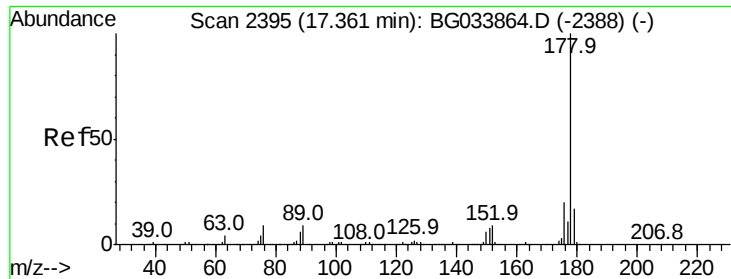
#70
 Phenanthrene
 Concen: 38.624 ng
 RT: 17.26 min Scan# 2377
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.5	12.5	18.7



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

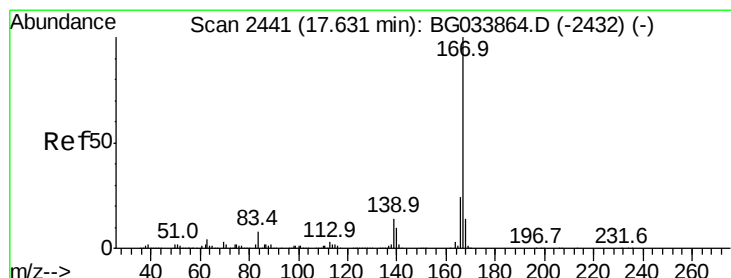
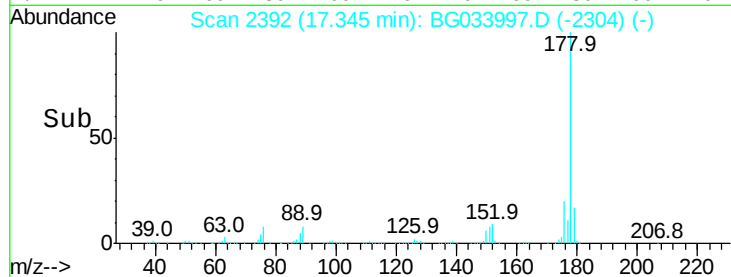
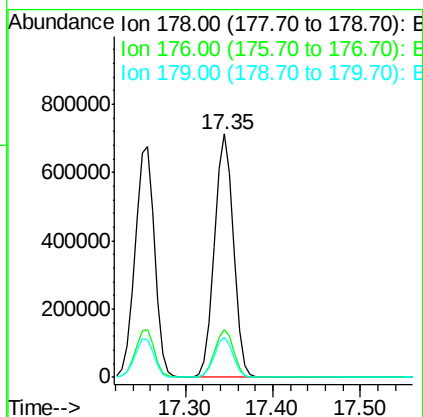
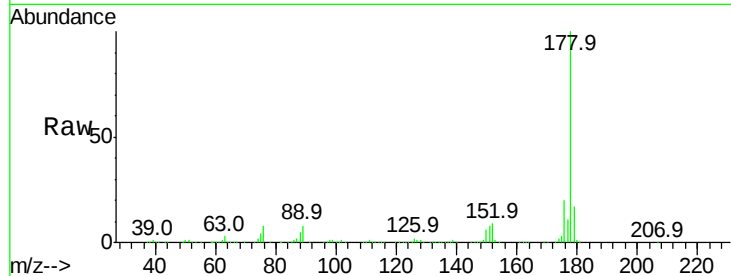




#71
 Anthracene
 Concen: 39.726 ng
 RT: 17.35 min Scan# 2392
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

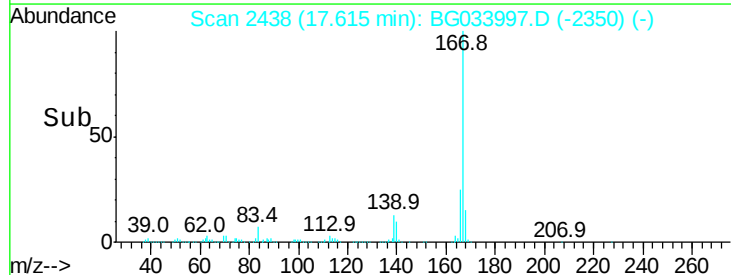
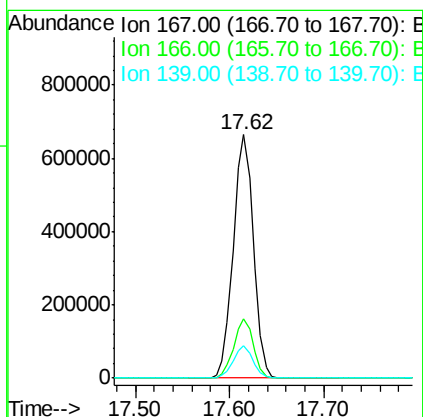
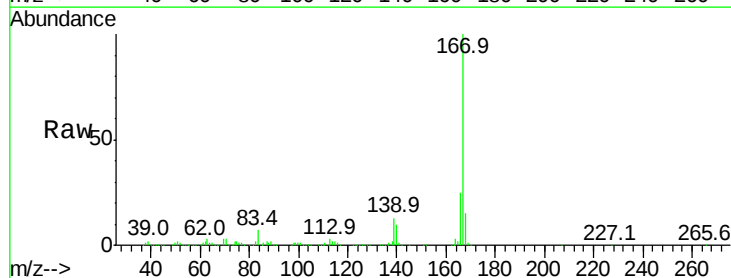
Instrument :
 BNA_G
 ClientSampled :

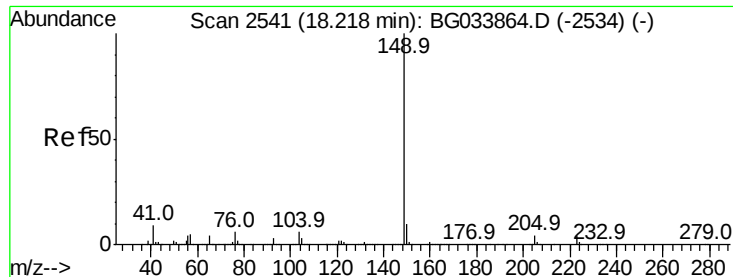
Tot Ion:178 Resp: 1076766
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.7 12.5 18.7



#72
 Carbazole
 Concen: 37.809 ng
 RT: 17.62 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion:167 Resp: 988671
 Ion Ratio Lower Upper
 167 100
 166 24.6 18.2 27.4
 139 13.3 9.4 14.2





#73

Di-n-butylphthalate

Concen: 36.681 ng

RT: 18.20 min Scan# 2537

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

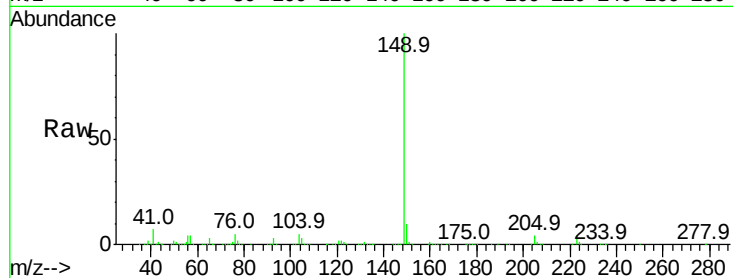
Tot Ion:149 Resp: 1193248

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

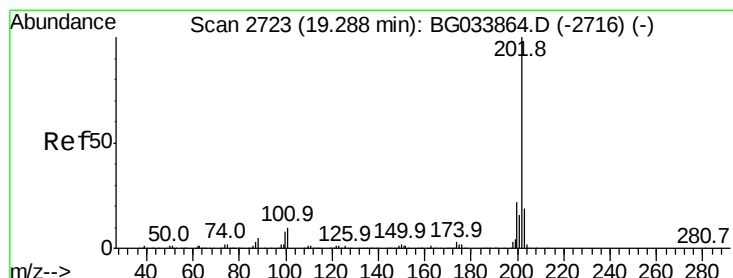
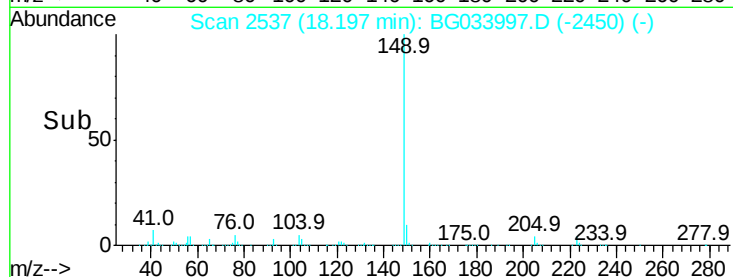
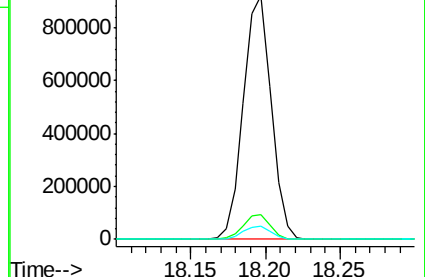
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.863 ng

RT: 19.27 min Scan# 2720

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

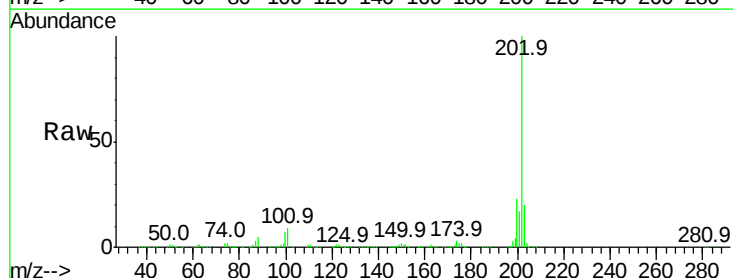
Tgt Ion:202 Resp: 1339729

Ion Ratio Lower Upper

202 100

101 9.1 0.0 28.9

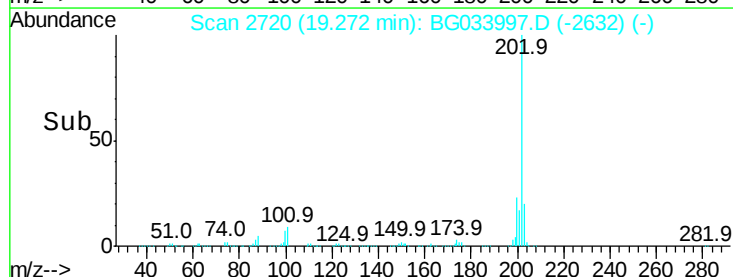
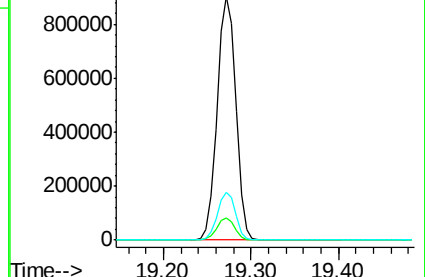
203 19.8 0.0 37.5

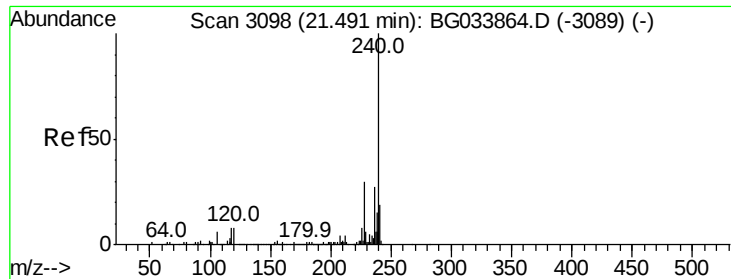


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.47 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

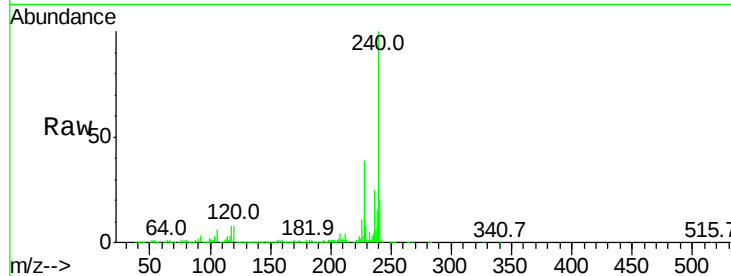
Tot Ion:240 Resp: 540712

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

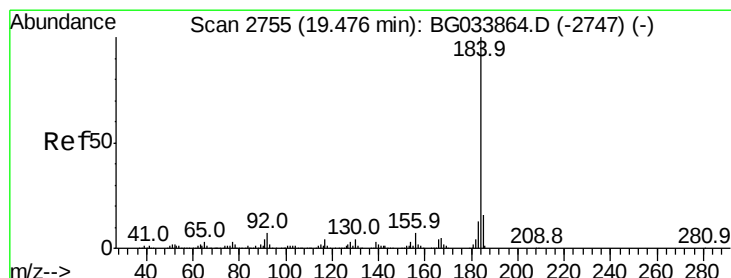
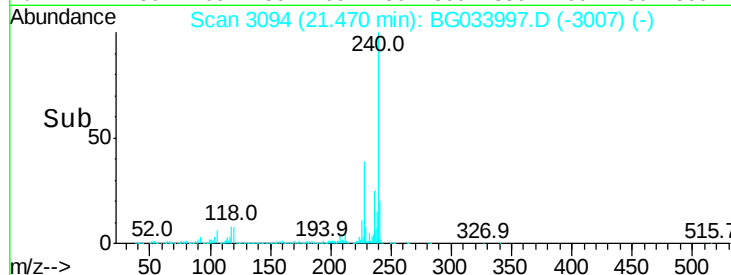
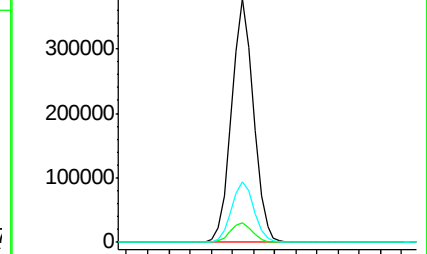
236 25.0 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 30.860 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

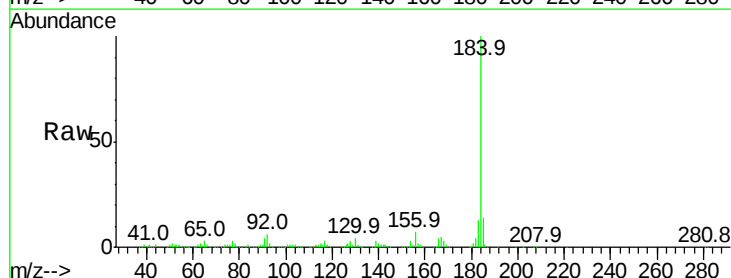
Tgt Ion:184 Resp: 450590

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

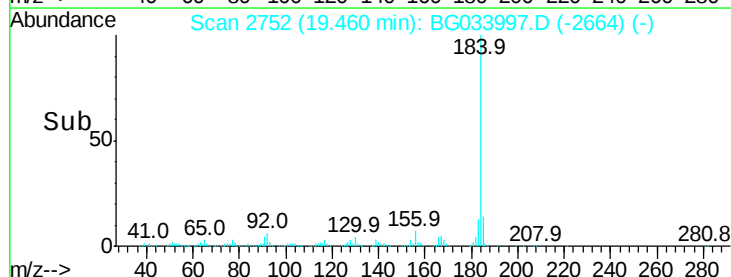
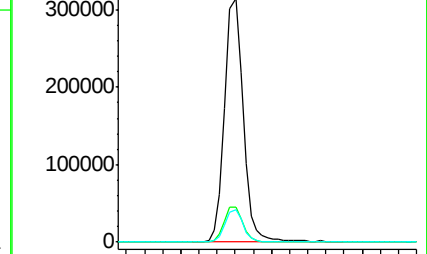
183 13.1 10.6 16.0

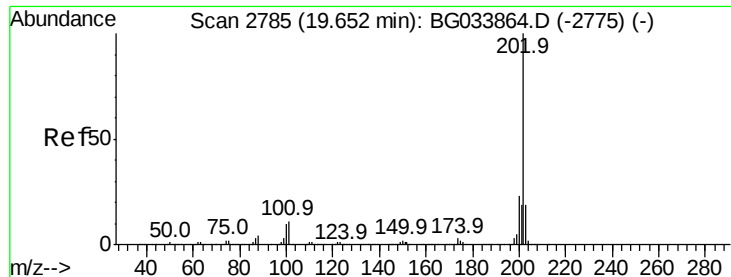


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.384 ng

RT: 19.64 min Scan# 2782

Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

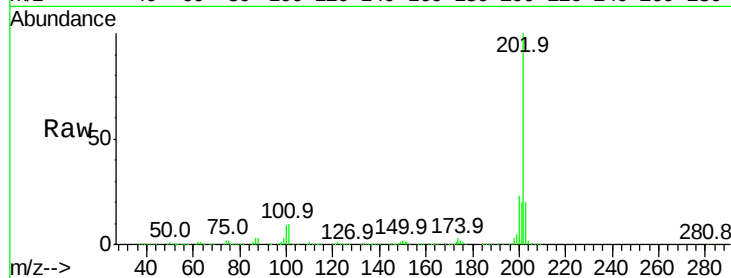
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1325829

Ion	Ratio	Lower	Upper
202	100		
200	23.4	16.9	25.3
203	20.1	13.9	20.9

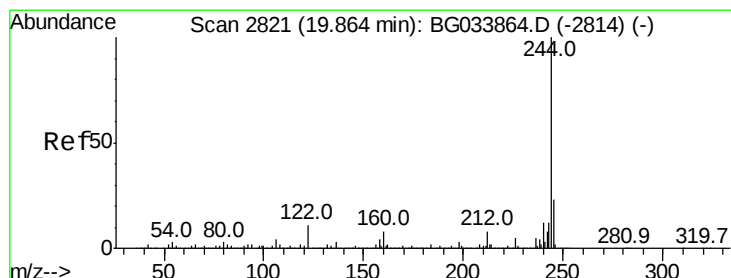
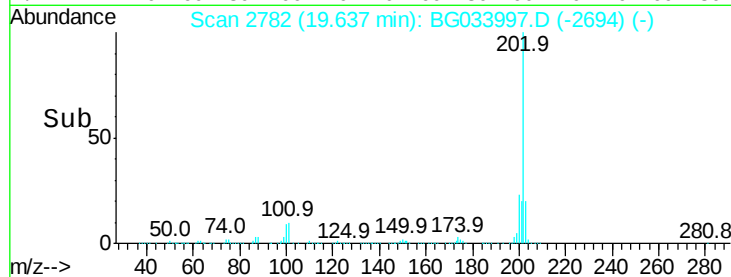
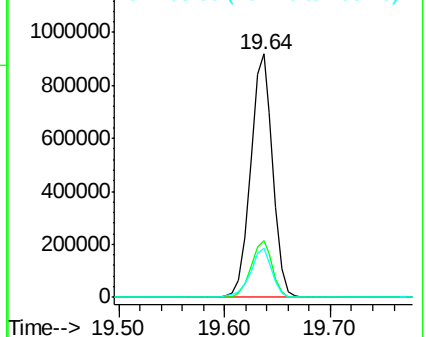


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.441 ng

RT: 19.85 min Scan# 2818

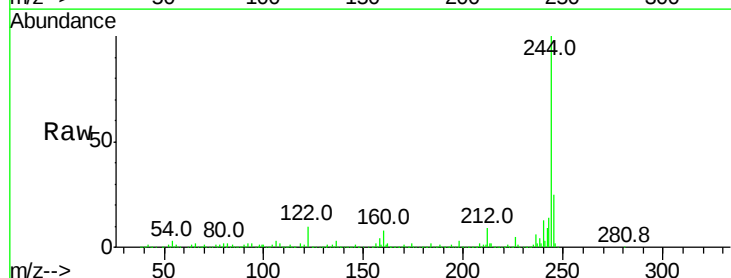
Delta R.T. -0.02 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Tgt Ion:244 Resp: 1984172

Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	9.7	7.0	10.4

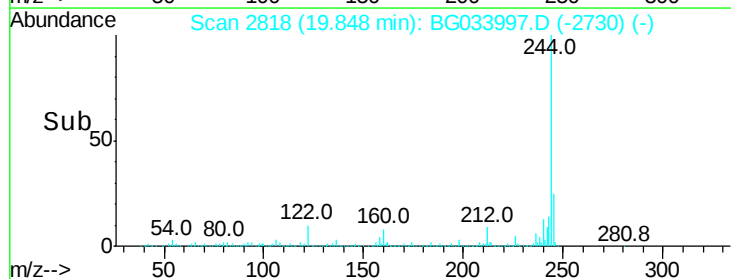
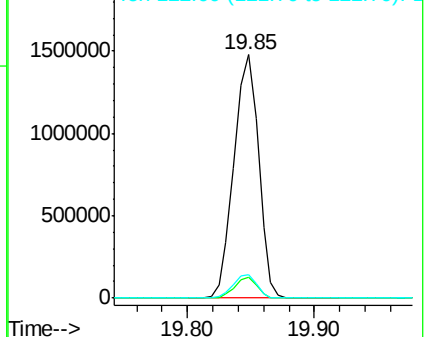


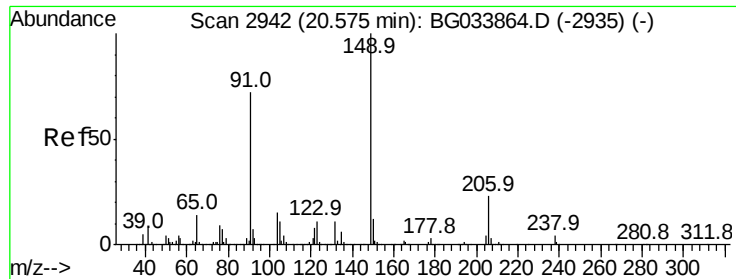
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

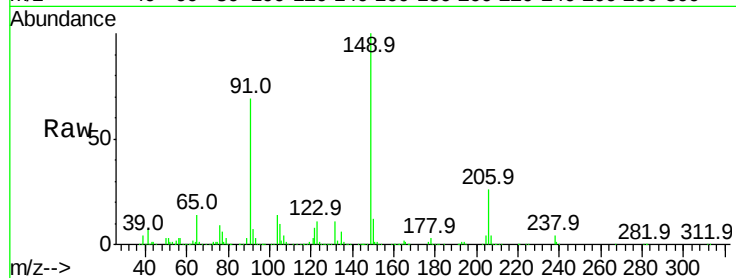




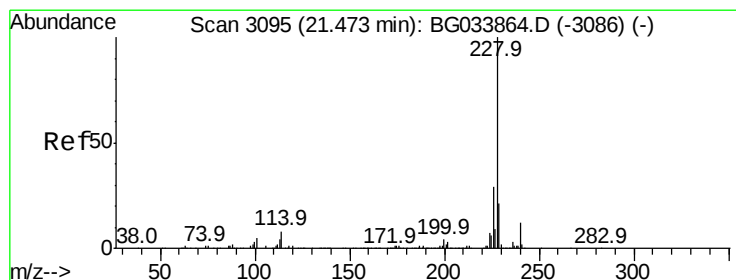
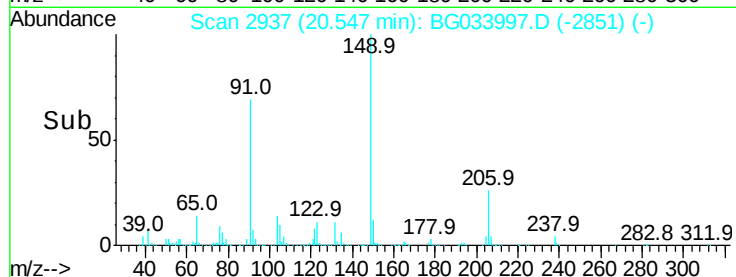
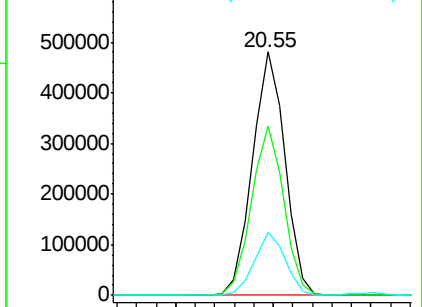
#79
Butylbenzylphthalate
Concen: 35.658 ng
RT: 20.55 min Scan# 2937
Delta R.T. -0.03 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.4	62.2	93.2
206	26.0	18.6	27.8

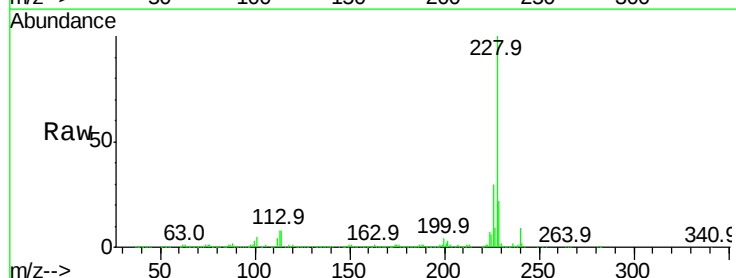


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

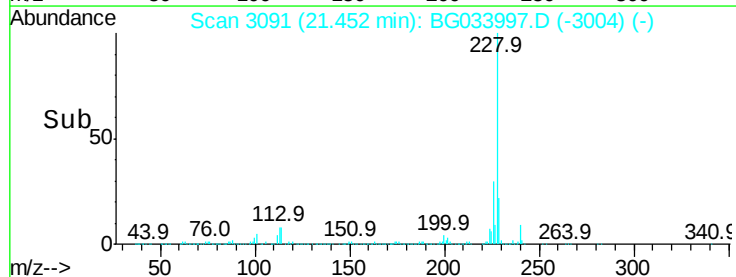
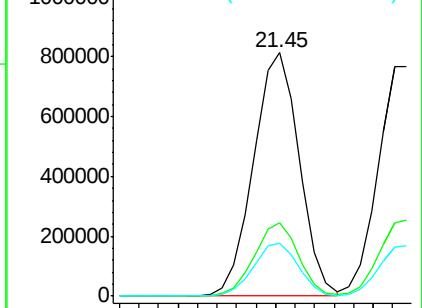


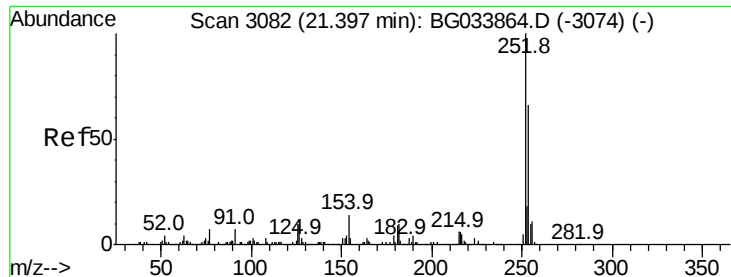
#80
Benzo(a)anthracene
Concen: 38.697 ng
RT: 21.45 min Scan# 3091
Delta R.T. -0.02 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.7	34.1
229	21.7	16.2	24.2



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

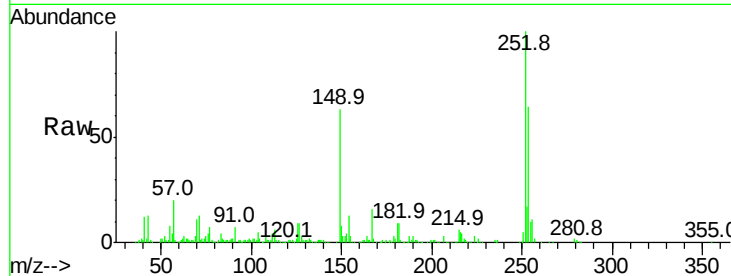




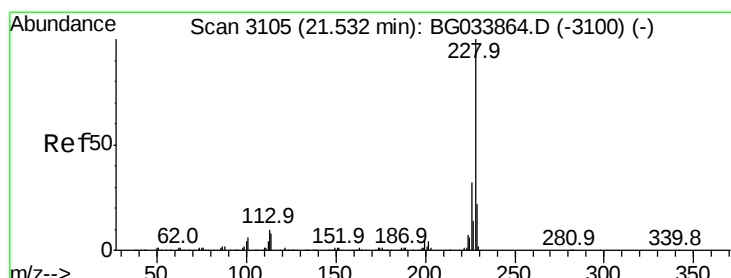
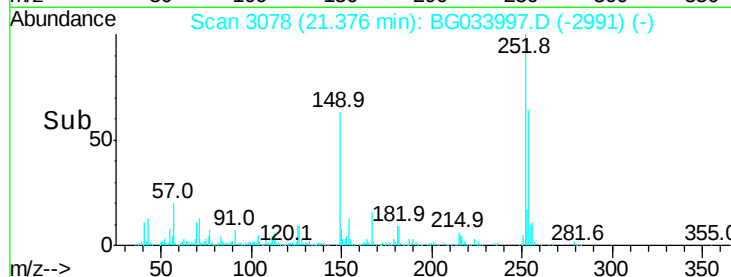
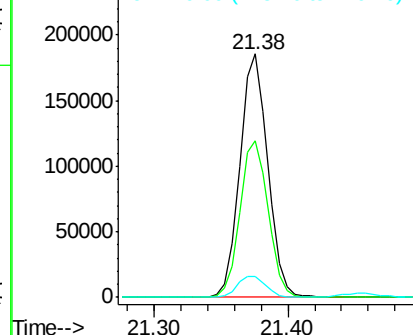
#81
 3,3'-Dichlorobenzidine
 Concen: 21.142 ng
 RT: 21.38 min Scan# 3078
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:252 Resp: 268783
 Ion Ratio Lower Upper
 252 100
 254 64.4 50.8 76.2
 126 8.5 7.4 11.2

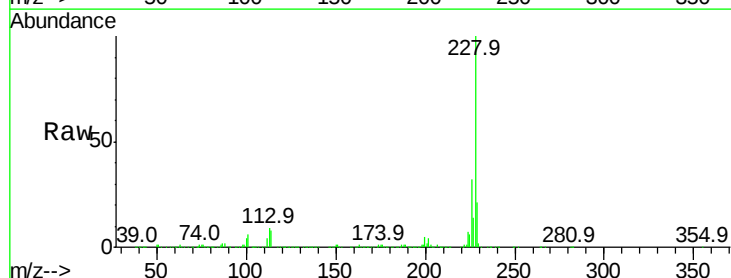


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

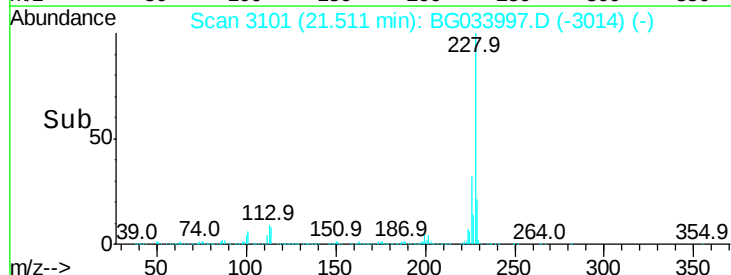
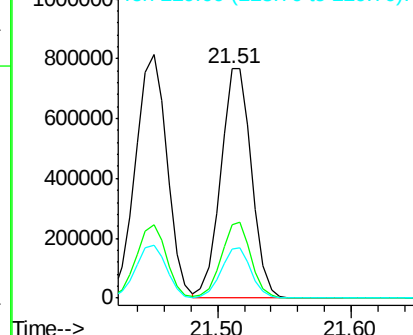


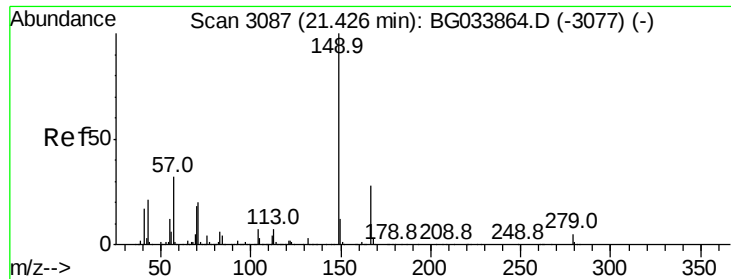
#82
 Chrysene
 Concen: 38.088 ng
 RT: 21.51 min Scan# 3101
 Delta R.T. -0.02 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion:228 Resp: 1240111
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 21.2 15.0 22.4



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

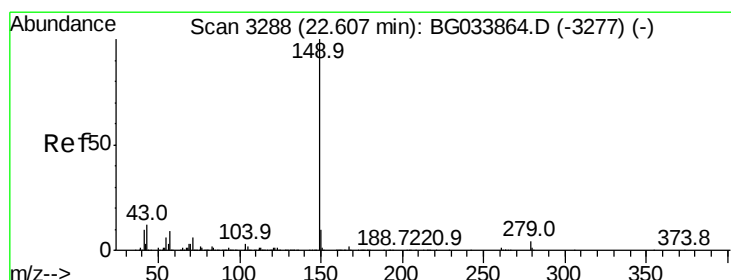
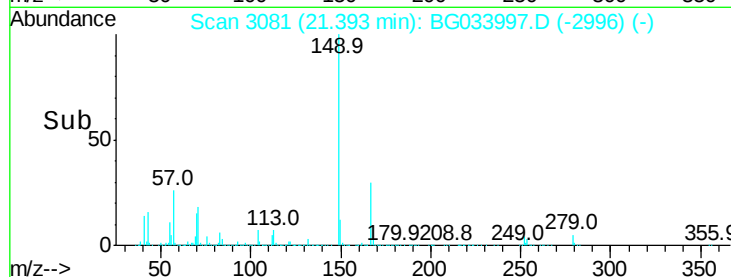
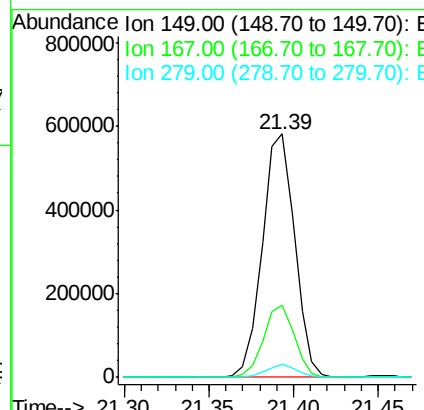
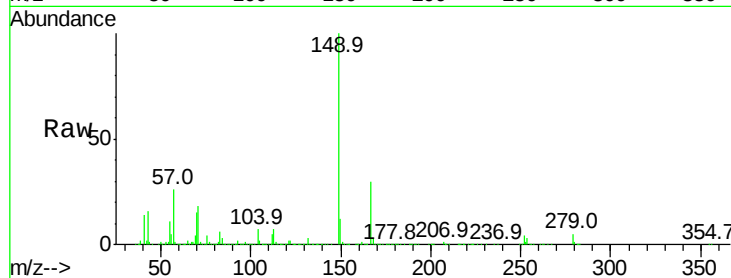




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.281 ng
 RT: 21.39 min Scan# 3081
 Delta R.T. -0.03 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

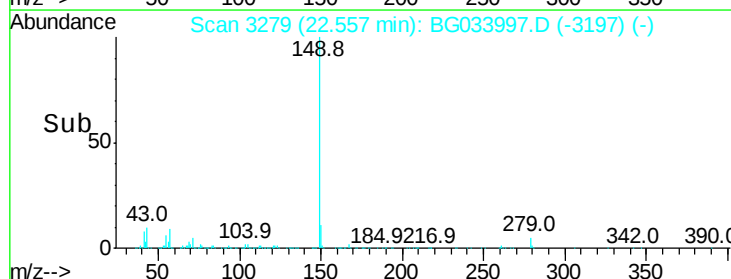
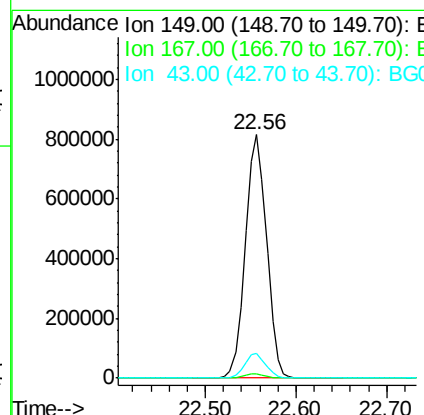
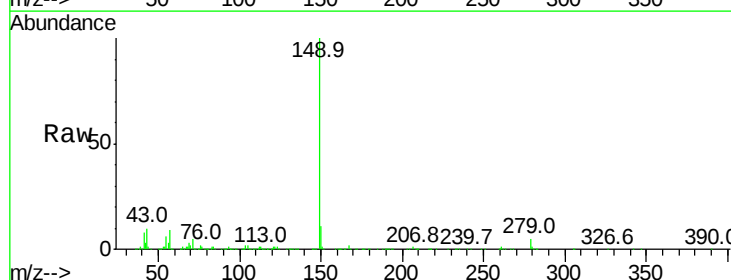
Instrument :
 BNA_G
 ClientSampleId :

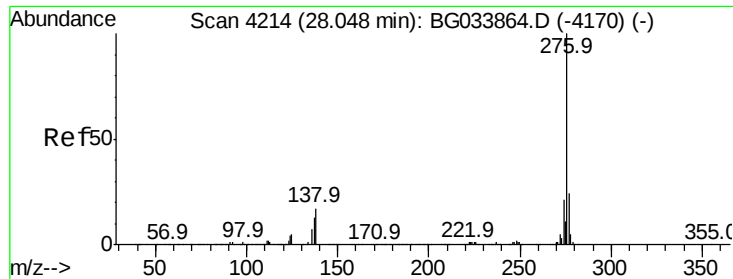
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.3	36.5
279	5.2	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 37.916 ng
 RT: 22.56 min Scan# 3279
 Delta R.T. -0.05 min
 Lab File: BG033997.D
 Acq: 25 Apr 2018 21:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.1	8.9	13.3

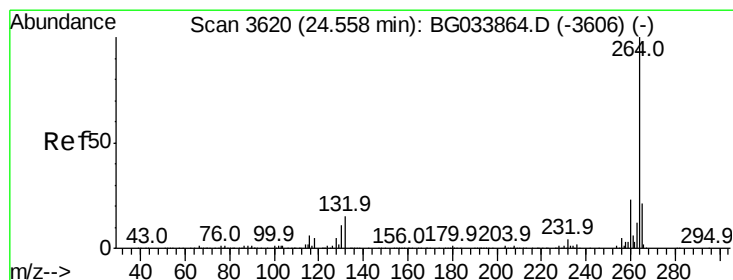
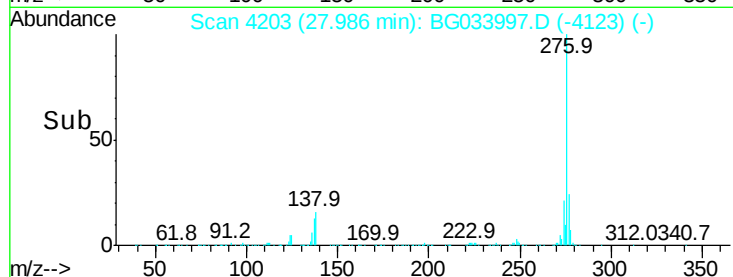
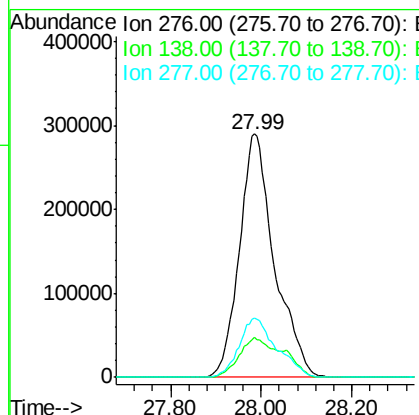
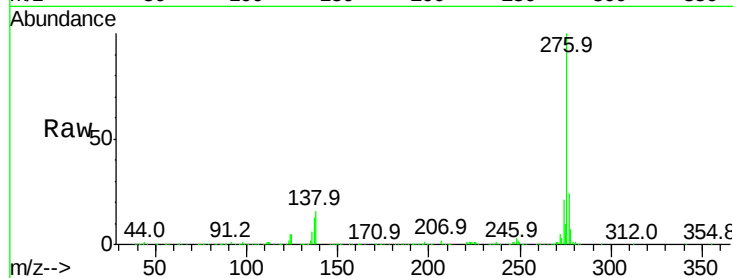




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.925 ng
RT: 27.99 min Scan# 4203
Delta R.T. -0.06 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

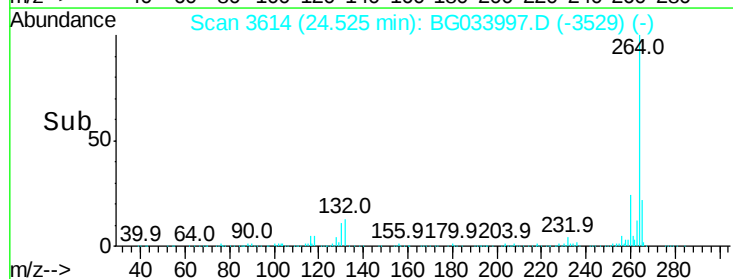
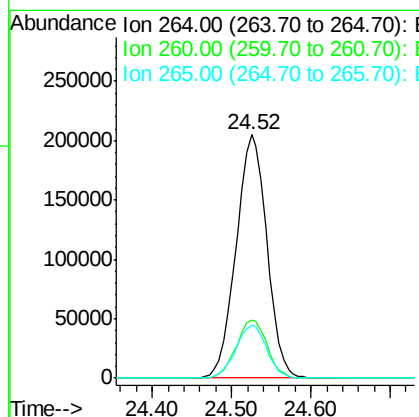
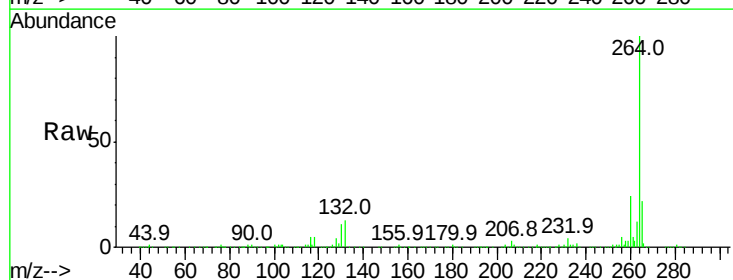
Instrument :
BNA_G
ClientSampleId :

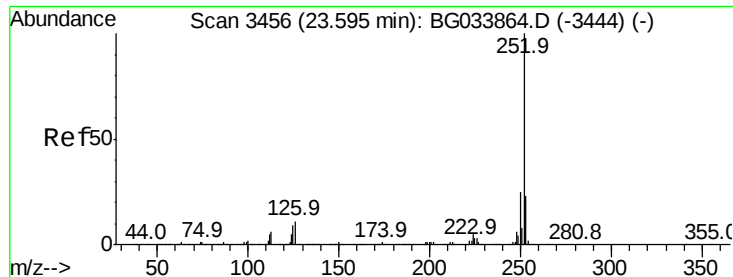
Tot Ion:276 Resp: 1553835
Ion Ratio Lower Upper
276 100
138 20.5 16.0 24.0
277 26.0 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3614
Delta R.T. -0.03 min
Lab File: BG033997.D
Acq: 25 Apr 2018 21:40

Tgt Ion:264 Resp: 550686
Ion Ratio Lower Upper
264 100
260 23.7 17.4 26.0
265 21.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.736 ng

RT: 23.56 min Scan# 3450

Delta R.T. -0.03 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

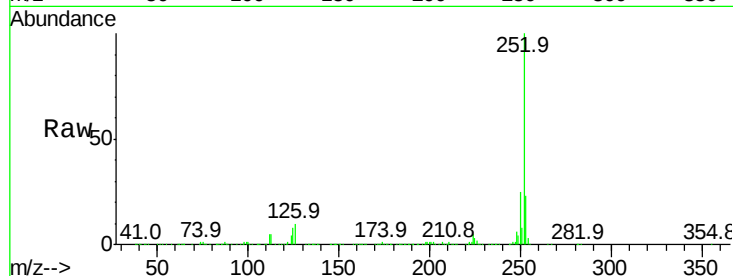
Tot Ion:252 Resp: 1368534

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.4

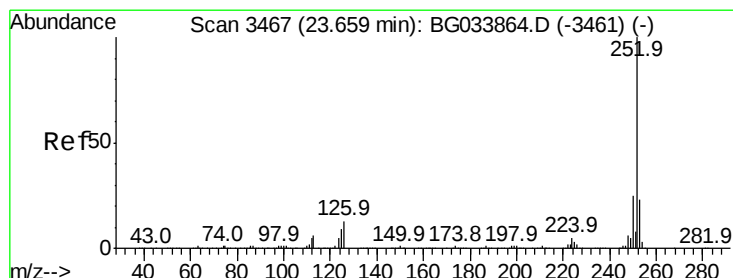
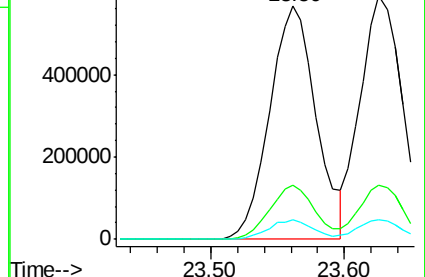
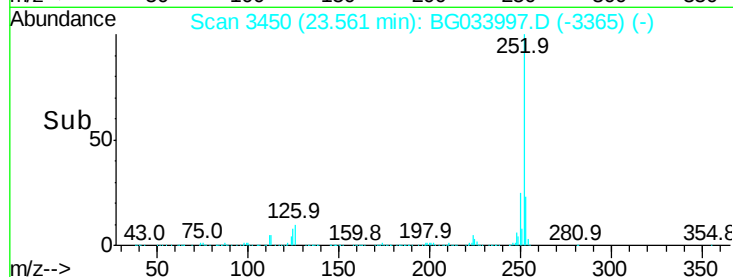
125 8.4 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 38.409 ng

RT: 23.63 min Scan# 3461

Delta R.T. -0.03 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

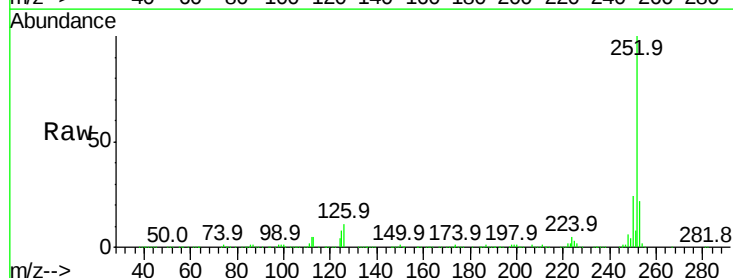
Tgt Ion:252 Resp: 1281752

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

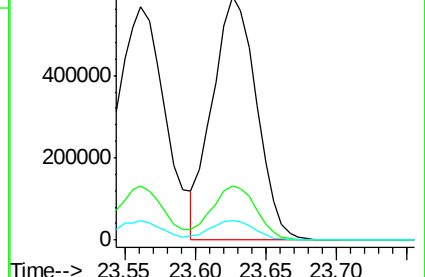
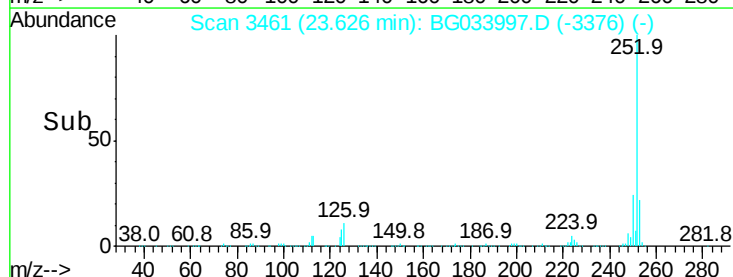
125 8.2 6.6 9.8

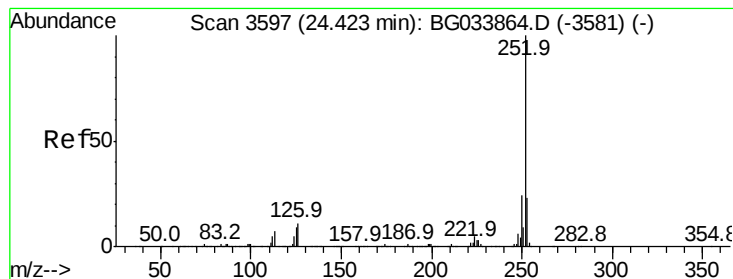


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.974 ng

RT: 24.38 min Scan# 3590

Delta R.T. -0.04 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

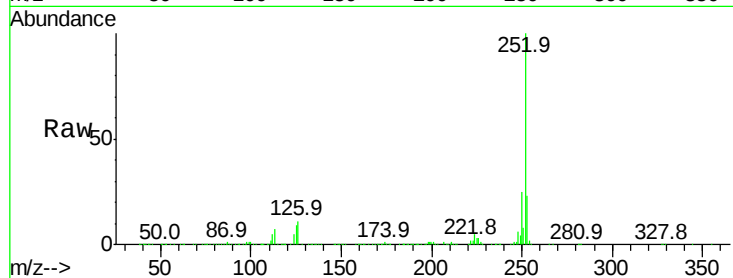
Tot Ion:252 Resp: 1318304

Ion Ratio Lower Upper

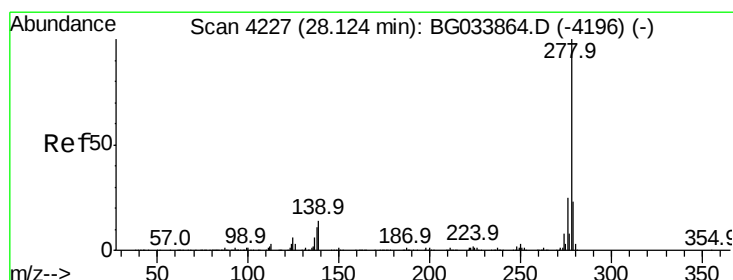
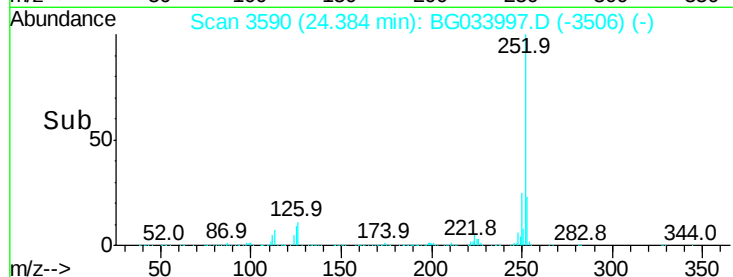
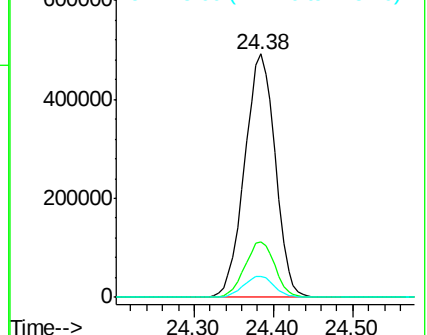
252 100

253 22.6 18.3 27.5

125 8.7 7.3 10.9



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



#90

Dibenzo(a,h)anthracene

Concen: 41.219 ng

RT: 28.06 min Scan# 4215

Delta R.T. -0.07 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

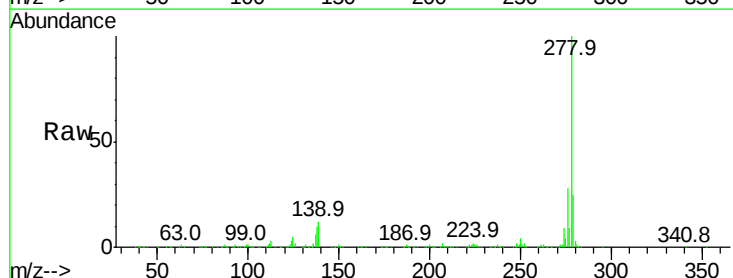
Tgt Ion:278 Resp: 1283238

Ion Ratio Lower Upper

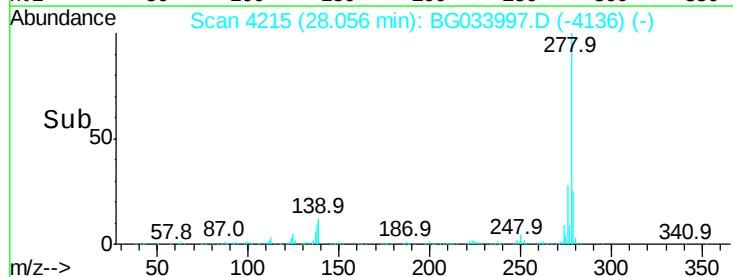
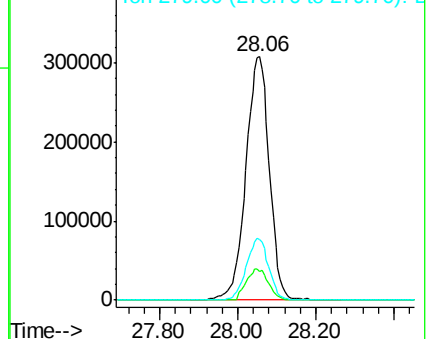
278 100

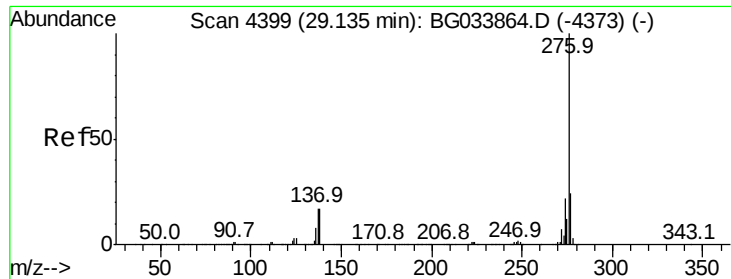
139 11.9 9.8 14.6

279 24.7 18.4 27.6



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





#91

Benzo(a,h,i)perylene

Concen: 41.717 ng

RT: 29.07 min Scan# 4387

Delta R.T. -0.07 min

Lab File: BG033997.D

Acq: 25 Apr 2018 21:40

Instrument :

BNA_G

ClientSampleId :

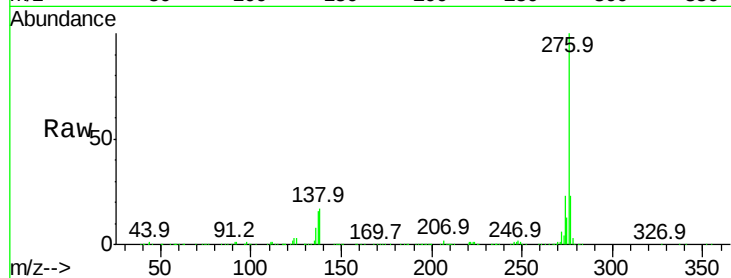
Tot Ion:276 Resp: 1277956

Ion Ratio Lower Upper

276 100

277 23.4 18.3 27.5

138 17.4 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

