

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032996.D
 Acq On : 5 Mar 2018 19:06
 Operator : SJ/JU
 Sample : PB107053BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 06 01:25:55 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57200	20.00	ng	-0.01
21) Naphthalene-d8	11.80	136	258018	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	153584	20.00	ng	-0.01
63) Phenanthrene-d10	18.26	188	348475	20.00	ng	0.00
75) Chrysene-d12	22.61	240	315165	20.00	ng	-0.01
86) Perylene-d12	26.41	264	341875	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	474900	132.83	ng	0.00
7) Phenol-d6	8.01	99	642673	128.96	ng	0.00
23) Nitrobenzene-d5	10.11	82	374829	98.97	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	220039	136.26	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	831482	78.08	ng	-0.01
78) Terphenyl-d14	20.77	244	1196187	85.27	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.95	88	50990	32.861	ng	97
3) Pyridine	4.42	79	142683	33.362	ng	95
4) n-Nitrosodimethylamine	4.32	42	82923	48.361	ng	# 87
6) Aniline	8.20	93	98753	14.639	ng	98
8) 2-Chlorophenol	8.46	128	168621	43.088	ng	95
9) Benzaldehyde	8.01	77	58955	20.526	ng	98
10) Phenol	8.04	94	220236	43.840	ng	93
11) bis(2-Chloroethyl)ether	8.29	93	151914	36.981	ng	96
12) 1,3-Dichlorobenzene	8.80	146	163903	35.759	ng	97
13) 1,4-Dichlorobenzene	8.95	146	164565	35.668	ng	94
14) 1,2-Dichlorobenzene	9.28	146	157385	35.597	ng	95
15) Benzyl Alcohol	9.14	79	151082	41.238	ng	94
16) 2,2'-oxybis(1-Chloropropan	9.44	45	288065	40.792	ng	100
17) 2-Methylphenol	9.34	107	147874	39.918	ng	95
18) Hexachloroethane	10.04	117	60140	38.284	ng	# 84
19) n-Nitroso-di-n-propylamine	9.72	70	127364	36.201	ng	# 91
20) 3+4-Methylphenols	9.67	107	206698	40.129	ng	95
22) Acetophenone	9.75	105	236701	36.325	ng	# 98
24) Nitrobenzene	10.16	77	182596	44.858	ng	91
25) Isophorone	10.68	82	350609	38.715	ng	96
26) 2-Nitrophenol	10.88	139	87709	56.666	ng	95
27) 2,4-Dimethylphenol	10.91	122	182527	46.396	ng	91
28) bis(2-Chloroethoxy)methane	11.15	93	211960	40.176	ng	94
29) 2,4-Dichlorophenol	11.42	162	161371	45.194	ng	94
30) 1,2,4-Trichlorobenzene	11.65	180	149444	35.705	ng	96
31) Naphthalene	11.85	128	505963	37.528	ng	98
32) Benzoic acid	11.02	122	115810	47.484	ng	88
33) 4-Chloroaniline	11.94	127	91698	15.211	ng	96
34) Hexachlorobutadiene	12.11	225	83106	35.398	ng	98
35) Caprolactam	12.68	113	66753	46.690	ng	96
36) 4-Chloro-3-methylphenol	13.00	107	195948	47.158	ng	92
37) 2-Methylnaphthalene	13.40	142	375249	38.470	ng	92
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	158172	34.693	ng	# 97
40) Hexachlorocyclopentadiene	13.73	237	199799	85.990	ng	91

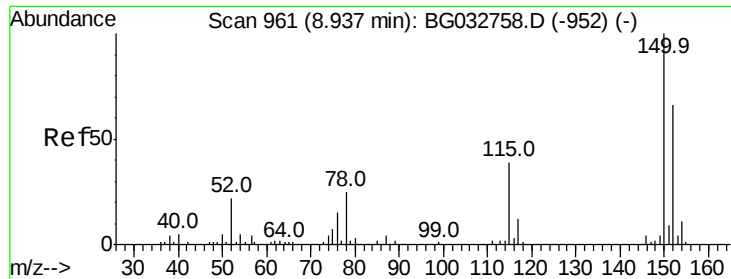
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032996.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	124680	43.364	nq	98
43) 2,4,5-Trichlorophenol	14.04	196	140359	42.179	nq	# 94
45) 1,1'-Biphenyl	14.37	154	480633	35.812	nq	96
46) 2-Chloronaphthalene	14.43	162	363134	36.222	nq	98
47) 2-Nitroaniline	14.60	65	136863	52.875	nq	92
48) Acenaphthylene	15.26	152	605778	36.907	nq	98
49) Dimethylphthalate	14.95	163	486353	37.295	nq	100
50) 2,6-Dinitrotoluene	15.08	165	109535	50.238	nq	93
51) Acenaphthene	15.59	154	413075	40.410	nq	96
52) 3-Nitroaniline	15.41	138	71036	29.965	nq	# 88
53) 2,4-Dinitrophenol	15.61	184	86271	110.477	nq	# 49
54) Dibenzofuran	15.92	168	566373	38.912	nq	94
55) 4-Nitrophenol	15.68	139	185772	86.373	nq	84
56) 2,4-Dinitrotoluene	15.85	165	152998	57.491	nq	90
57) Fluorene	16.56	166	460205	38.308	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.05	232	117849	45.614	nq	93
59) Diethylphthalate	16.29	149	528132	38.397	nq	98
60) 4-Chlorophenyl-phenylether	16.53	204	228073	38.809	nq	92
61) 4-Nitroaniline	16.56	138	113176	40.962	nq	86
62) Azobenzene	16.83	77	488506	39.700	nq	96
64) 4,6-Dinitro-2-methylphenol	16.61	198	67355	60.178	nq	95
65) n-Nitrosodiphenylamine	16.75	169	429113	37.853	nq	99
66) 4-Bromophenyl-phenylether	17.43	248	136971	37.172	nq	# 84
67) Hexachlorobenzene	17.56	284	141474	35.529	nq	# 90
68) Atrazine	17.66	200	149448	40.050	nq	94
69) Pentachlorophenol	17.89	266	188399	75.114	nq	96
70) Phenanthrene	18.30	178	745086	38.325	nq	98
71) Anthracene	18.39	178	763948	39.140	nq	100
72) Carbazole	18.64	167	704945	36.643	nq	# 97
73) Di-n-butylphthalate	19.14	149	908037	38.473	nq	100
74) Fluoranthene	20.25	202	826537	38.487	nq	95
76) Benzidine	20.40	184	158113	14.718	nq	98
77) Pyrene	20.61	202	833373	37.496	nq	97
79) Butylbenzylphthalate	21.46	149	416966	42.314	nq	94
80) Benzo(a)anthracene	22.59	228	791463	39.162	nq	99
81) 3,3'-Dichlorobenzidine	22.47	252	139403	18.624	nq	# 98
82) Chrysene	22.66	228	746870	38.687	nq	98
83) Bis(2-ethylhexyl)phthalate	22.42	149	601230	41.219	nq	96
84) Di-n-octyl phthalate	23.82	149	1034209	46.516	nq	100
85) Indeno(1,2,3-cd)pyrene	30.83	276	866462	38.484	nq	# 92
87) Benzo(b)fluoranthene	25.19	252	785932	38.881	nq	# 97
88) Benzo(k)fluoranthene	25.26	252	778312	38.742	nq	# 96
89) Benzo(a)pyrene	26.23	252	763296	39.701	nq	# 96
90) Dibenzo(a,h)anthracene	30.90	278	722091	37.312	nq	# 93
91) Benzo(g,h,i)perylene	32.21	276	725261	38.017	nq	# 93

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

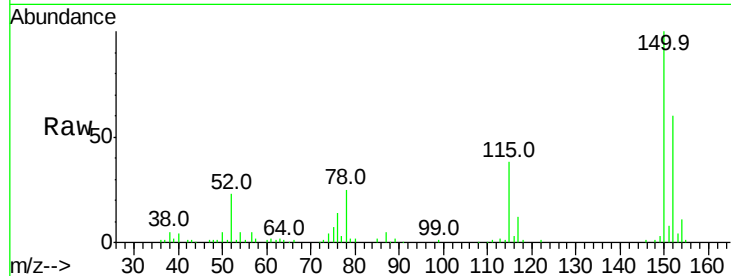


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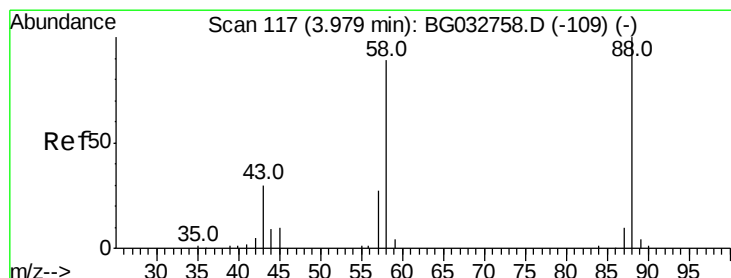
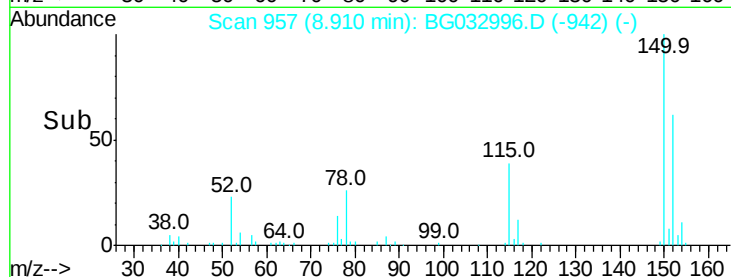
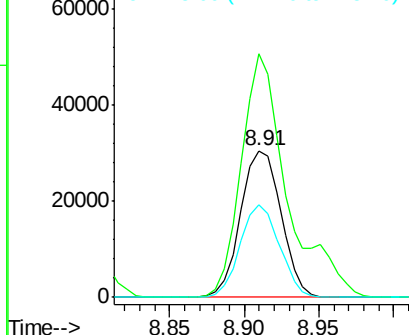
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 57200
Ion Ratio Lower Upper
152 100
150 166.1 126.6 189.8
115 62.9 53.0 79.4



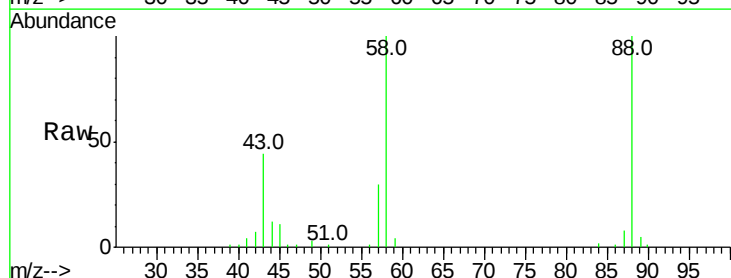
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



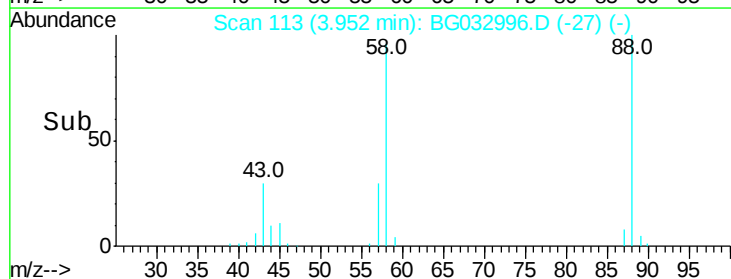
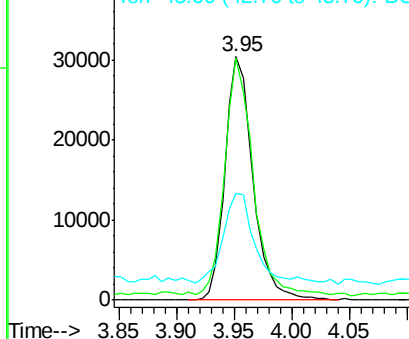
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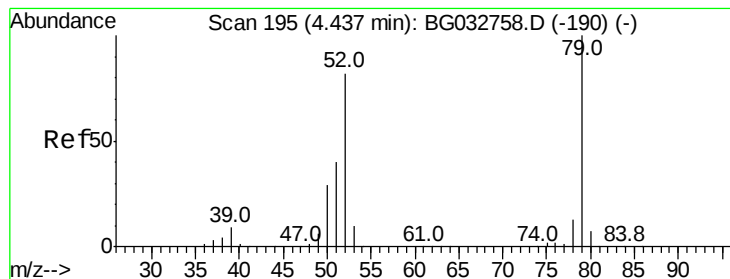
1,4-Dioxane
Concen: 32.861 ng
RT: 3.95 min Scan# 113
Delta R.T. -0.02 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion: 88 Resp: 50990
Ion Ratio Lower Upper
88 100
58 99.8 79.6 119.4
43 39.9 27.4 41.0



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





#3

Pvridine

Concen: 33.362 ng

RT: 4.42 min Scan# 192

Delta R.T. -0.02 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampled :

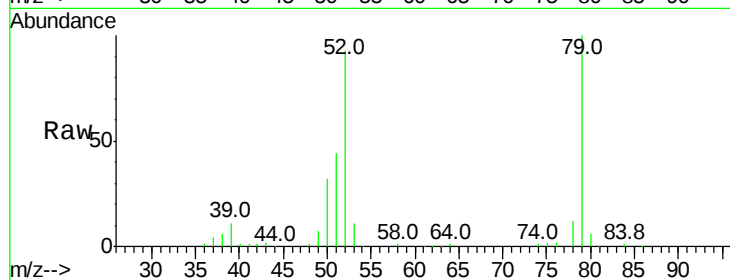
Tot Ion: 79 Resp: 142683

Ion Ratio Lower Upper

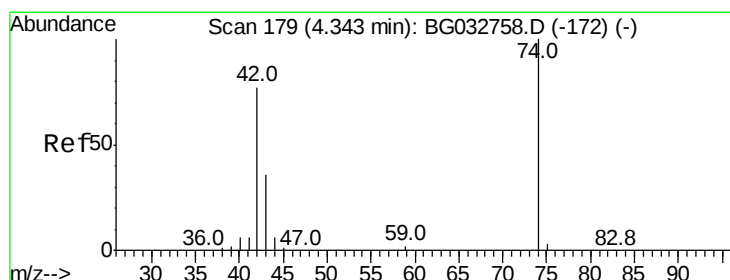
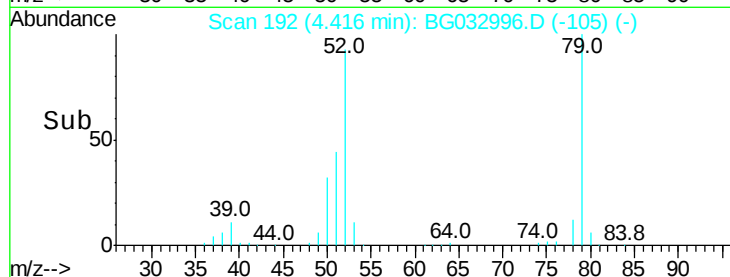
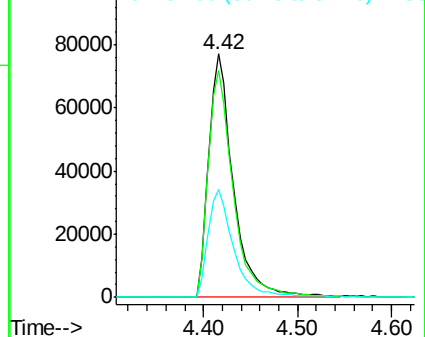
79 100

52 93.4 69.9 104.9

51 44.5 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: 48.361 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

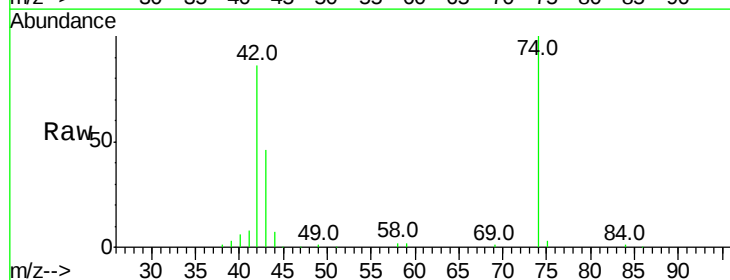
Tgt Ion: 42 Resp: 82923

Ion Ratio Lower Upper

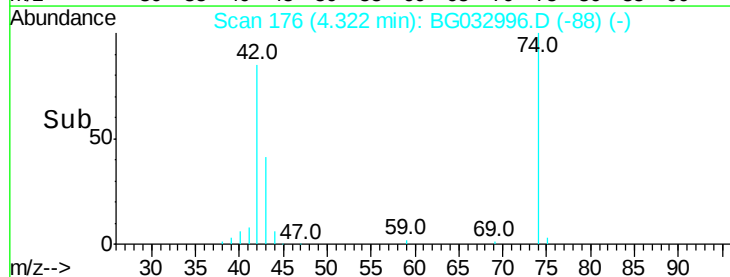
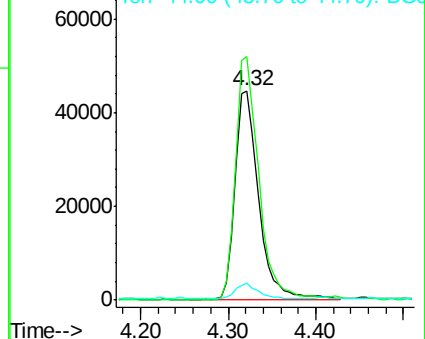
42 100

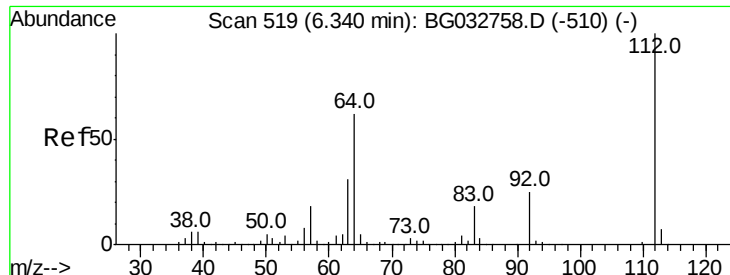
74 116.5 102.5 153.7

44 7.9 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: 132.827 ng

RT: 6.33 min Scan# 517

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampled :

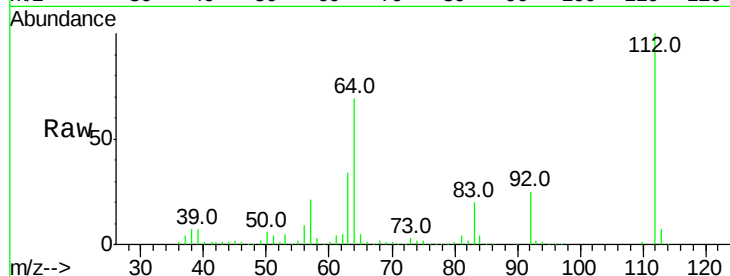
Tot Ion:112 Resp: 474900

Ion Ratio Lower Upper

112 100

64 68.8 56.3 84.5

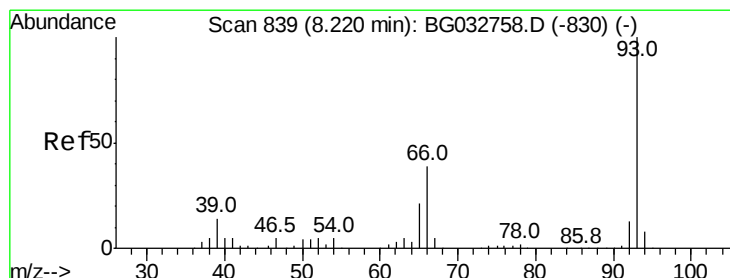
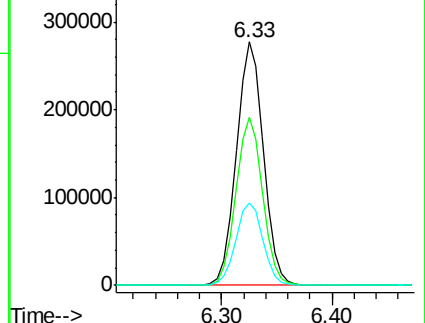
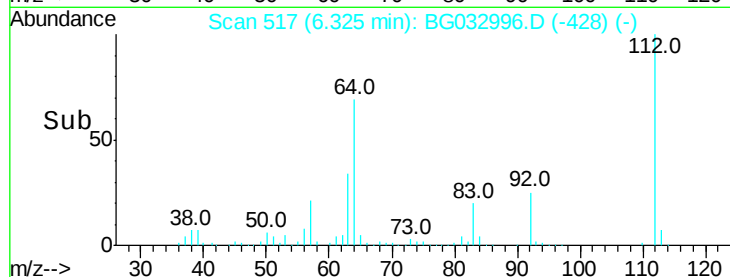
63 33.8 30.1 45.1



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: 14.639 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

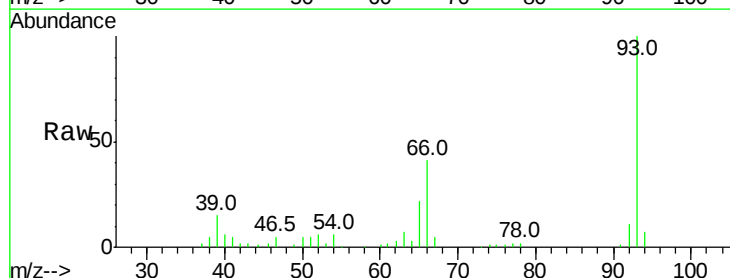
Tgt Ion: 93 Resp: 98753

Ion Ratio Lower Upper

93 100

66 41.0 33.7 50.5

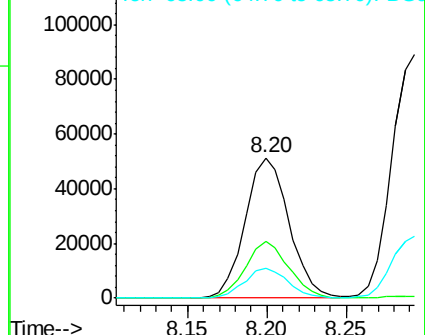
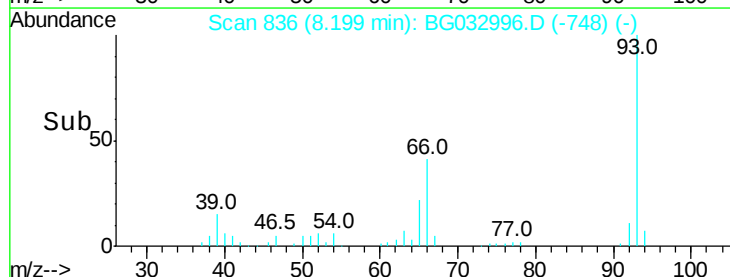
65 21.5 16.1 24.1

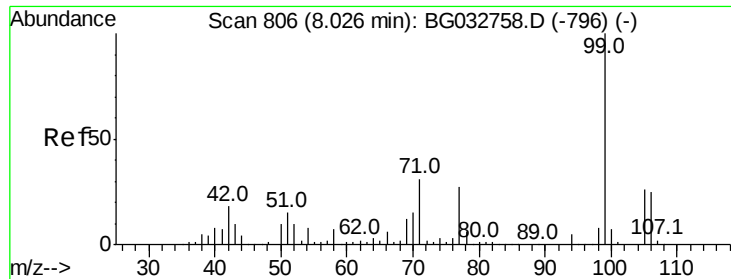


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.960 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

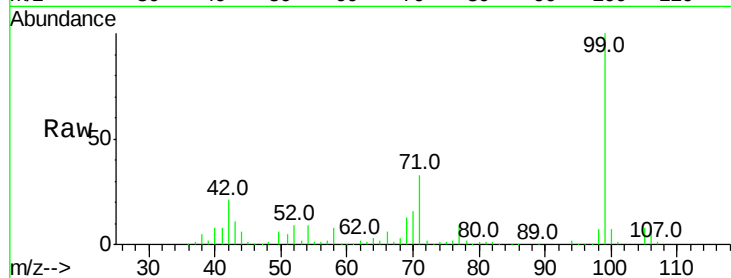
Instrument :

BNA_G

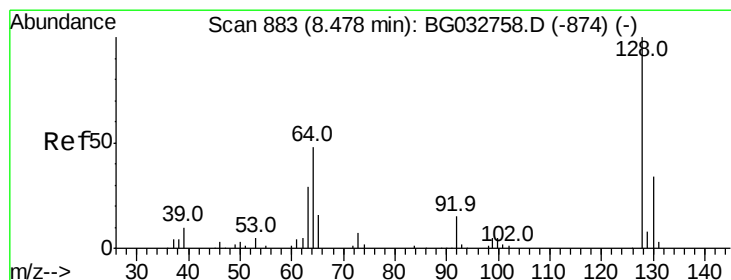
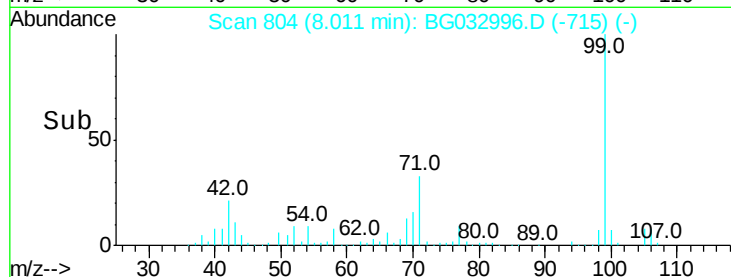
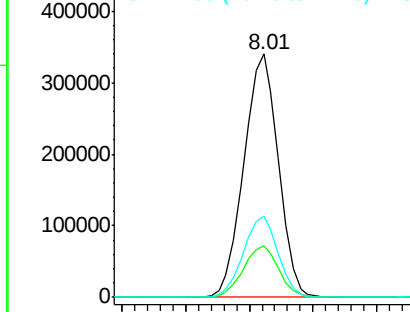
ClientSampleId :

Tot Ion: 99 Resp: 642673

Ion	Ratio	Lower	Upper
99	100		
42	21.1	14.1	21.1#
71	33.0	26.1	39.1



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



#8

2-Chlorophenol

Concen: 43.088 ng

RT: 8.46 min Scan# 880

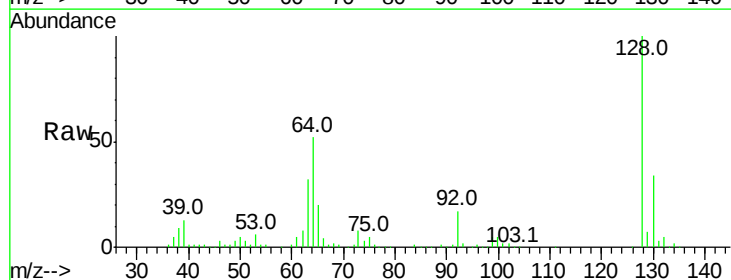
Delta R.T. -0.01 min

Lab File: BG032996.D

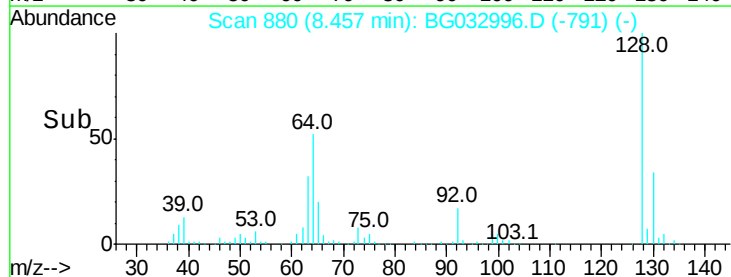
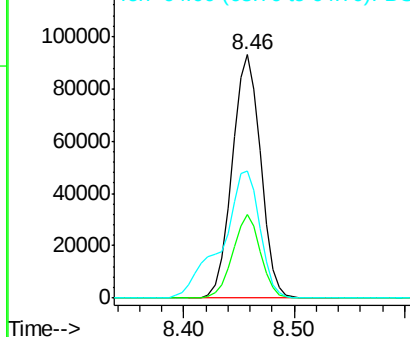
Acq: 5 Mar 2018 19:06

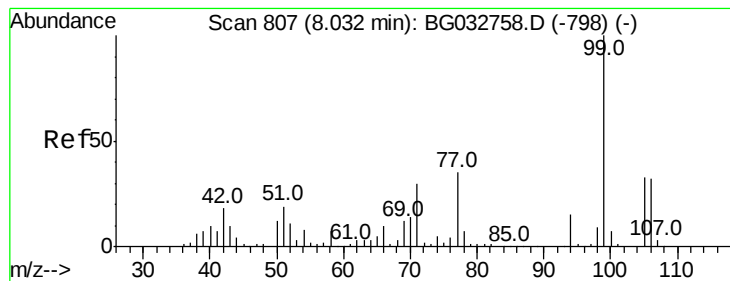
Tgt Ion:128 Resp: 168621

Ion	Ratio	Lower	Upper
128	100		
130	34.1	14.0	54.0
64	52.1	37.7	77.7



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





#9

Benzaldehyde

Concen: 20.526 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

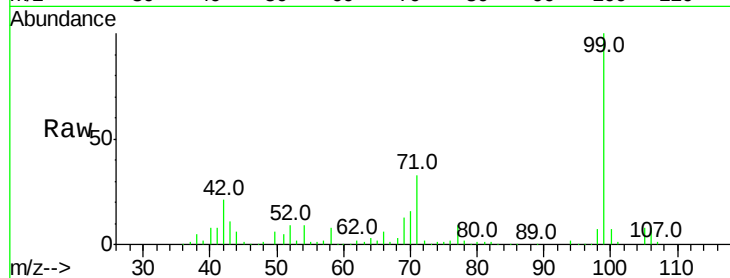
Tot Ion: 77 Resp: 58955

Ion Ratio Lower Upper

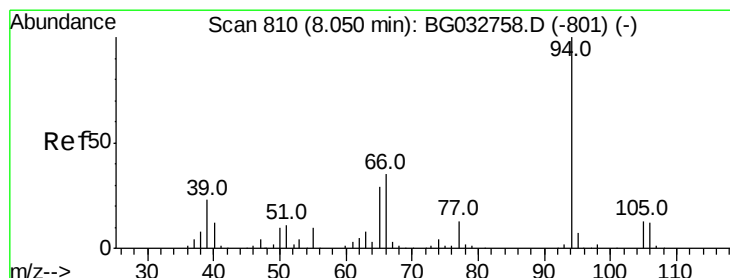
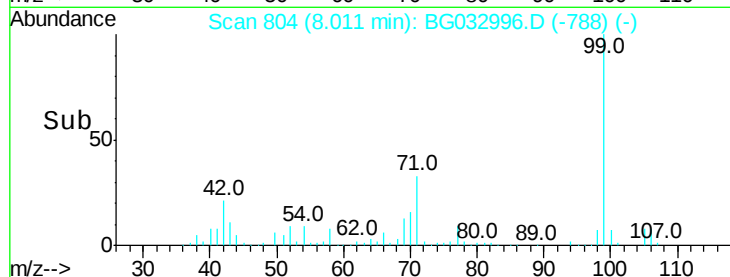
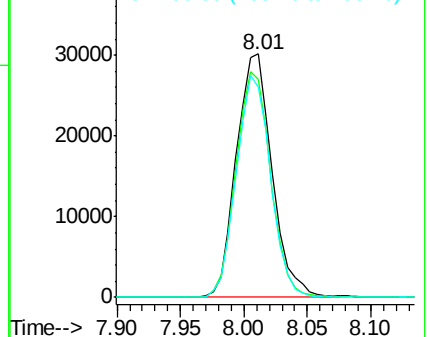
77 100

105 89.8 71.3 111.3

106 86.2 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: 43.840 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

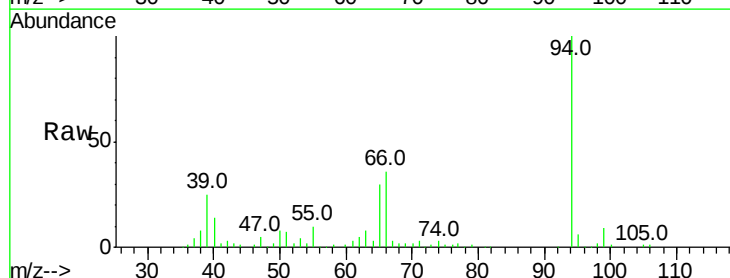
Tgt Ion: 94 Resp: 220236

Ion Ratio Lower Upper

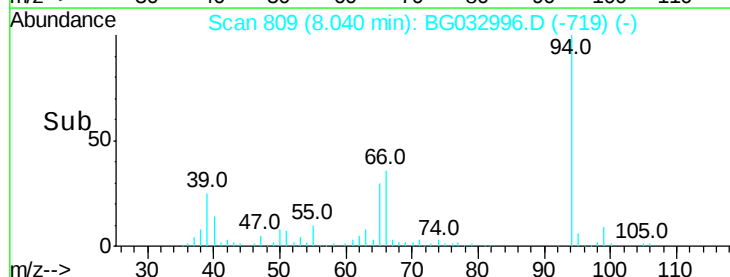
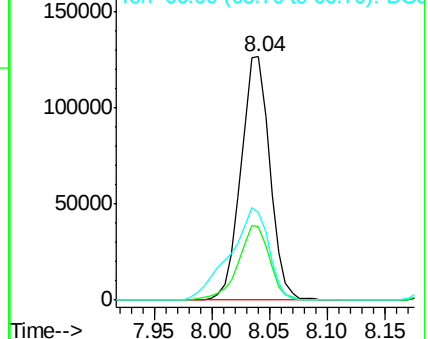
94 100

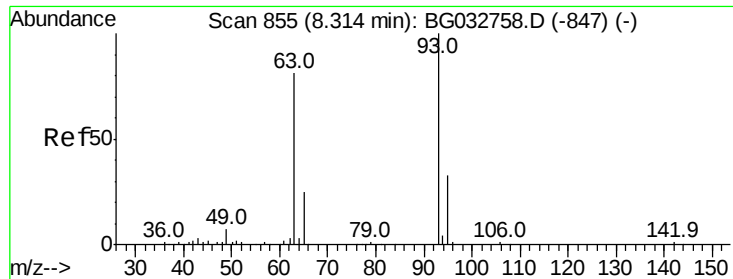
65 29.9 11.9 51.9

66 35.7 22.2 62.2



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





#11

bis(2-Chloroethyl)ether

Concen: 36.981 ng

RT: 8.29 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampled :

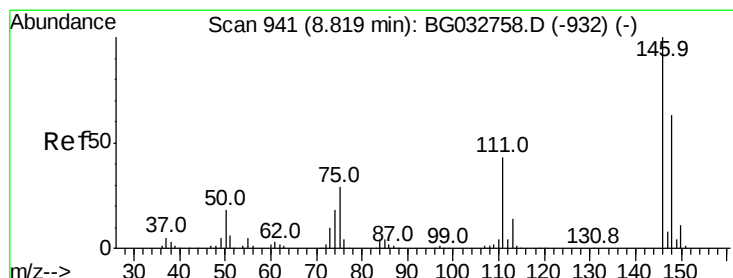
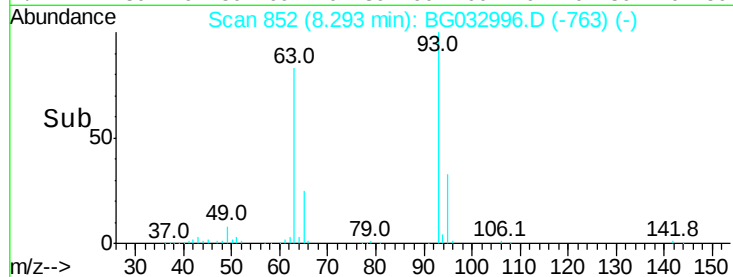
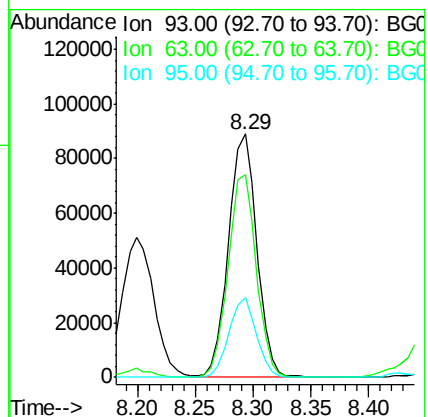
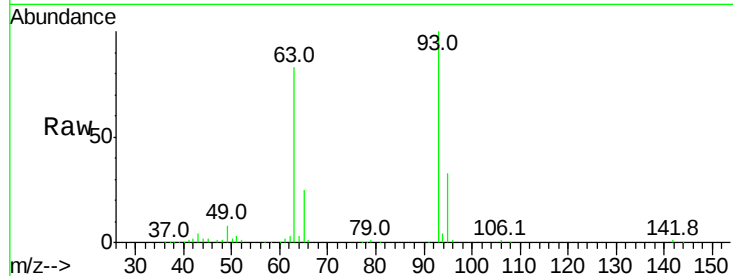
Tot Ion: 93 Resp: 151914

Ion Ratio Lower Upper

93 100

63 83.3 67.1 107.1

95 32.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 35.759 ng

RT: 8.80 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

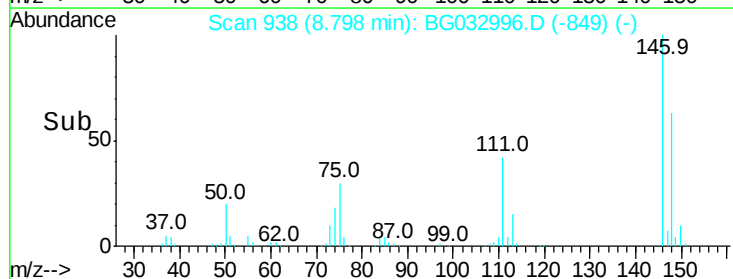
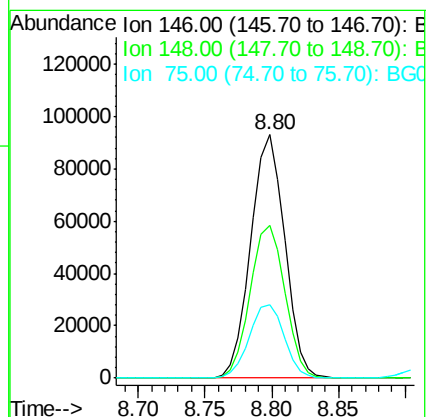
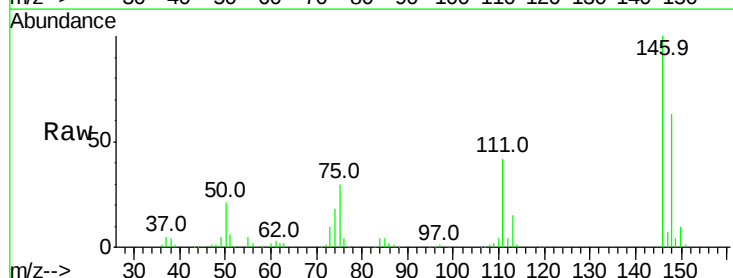
Tgt Ion: 146 Resp: 163903

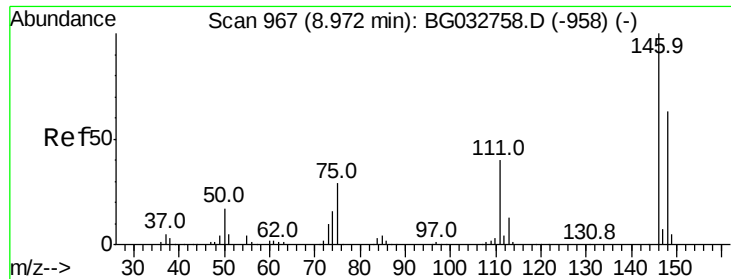
Ion Ratio Lower Upper

146 100

148 62.9 51.4 77.2

75 30.2 26.6 39.8

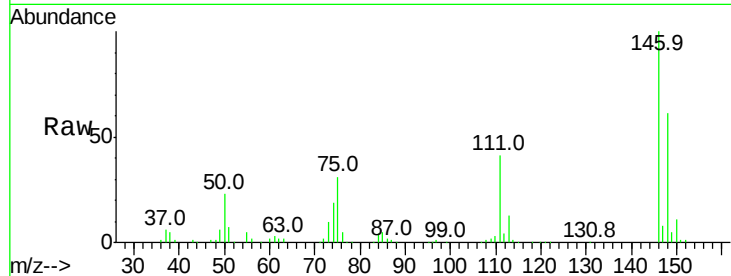




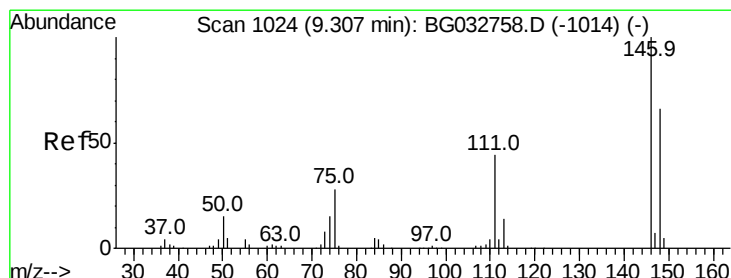
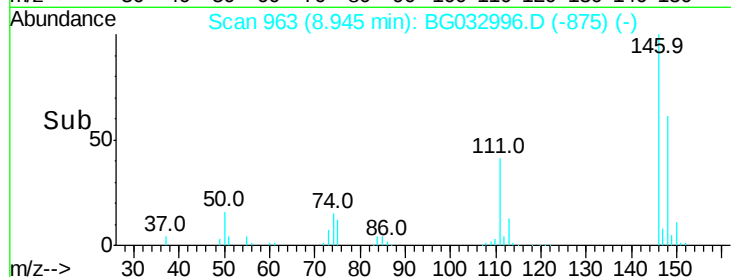
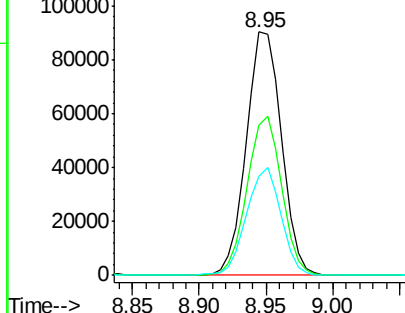
#13
 1,4-Dichlorobenzene
 Concen: 35.668 ng
 RT: 8.95 min Scan# 963
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 164565
 Ion Ratio Lower Upper
 146 100
 148 61.5 53.7 80.5
 111 40.9 35.2 52.8

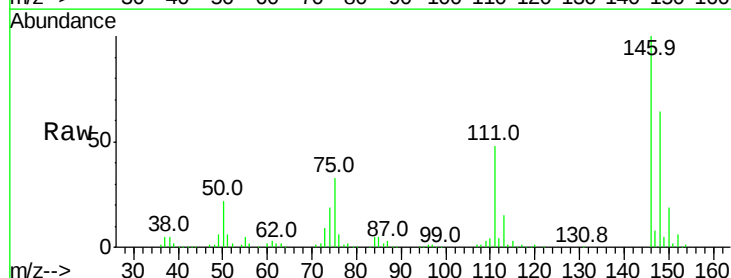


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

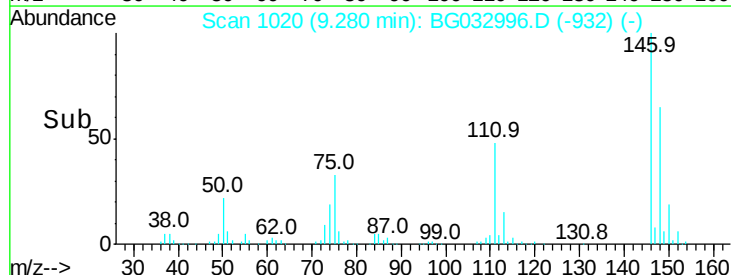
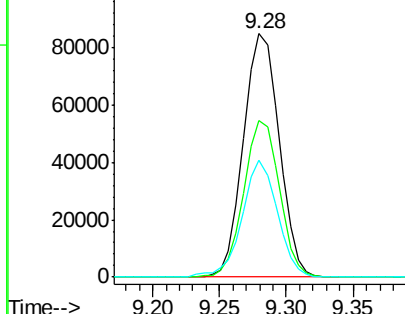


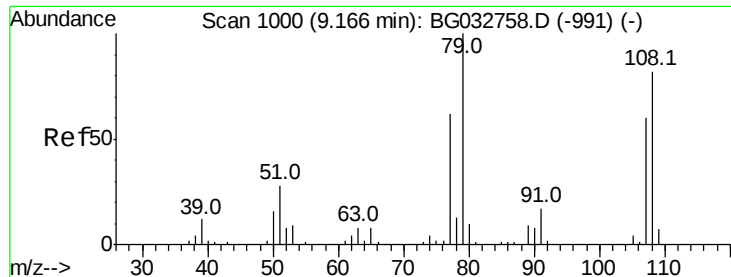
#14
 1,2-Dichlorobenzene
 Concen: 35.597 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion:146 Resp: 157385
 Ion Ratio Lower Upper
 146 100
 148 64.5 49.3 73.9
 111 47.9 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

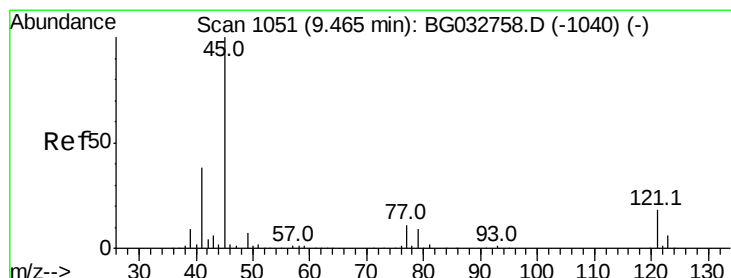
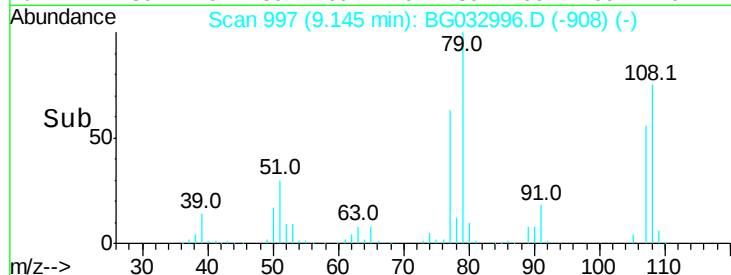
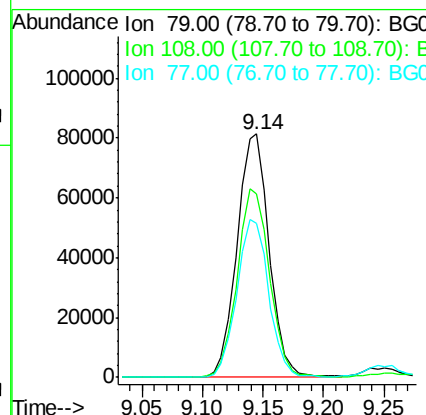
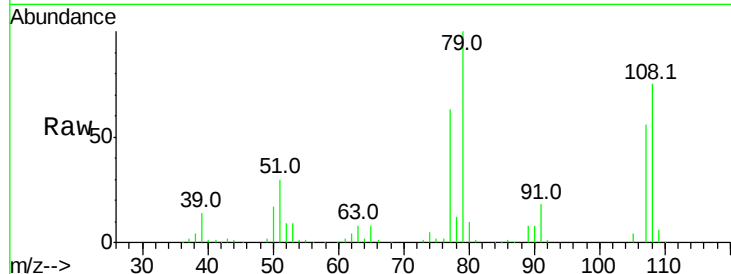




#15
Benzyl Alcohol
Concen: 41.238 ng
RT: 9.14 min Scan# 997
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

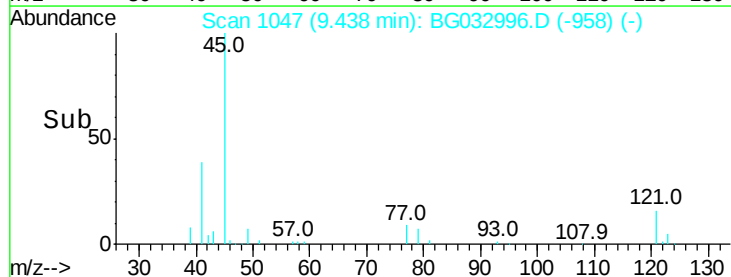
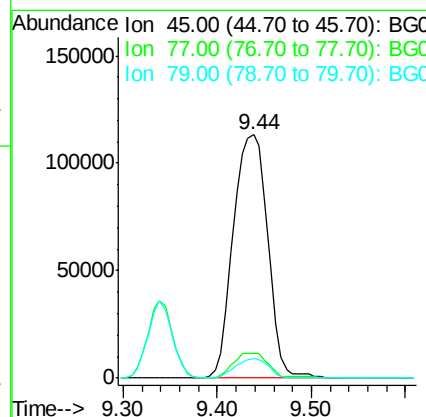
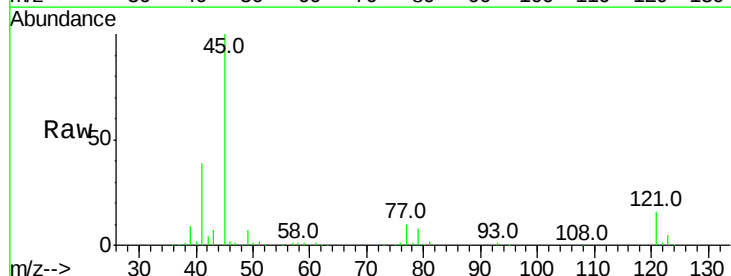
Instrument :
BNA_G
ClientSampled :

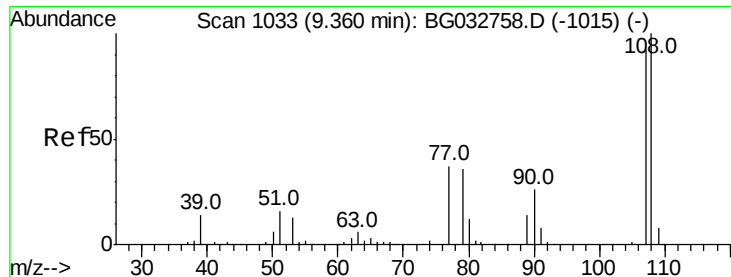
Tot Ion: 79 Resp: 151082
Ion Ratio Lower Upper
79 100
108 75.1 57.2 85.8
77 63.3 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.792 ng
RT: 9.44 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion: 45 Resp: 288065
Ion Ratio Lower Upper
45 100
77 10.0 0.0 30.2
79 8.0 0.0 27.9





#17

2-Methylphenol

Concen: 39.918 ng

RT: 9.34 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 147874

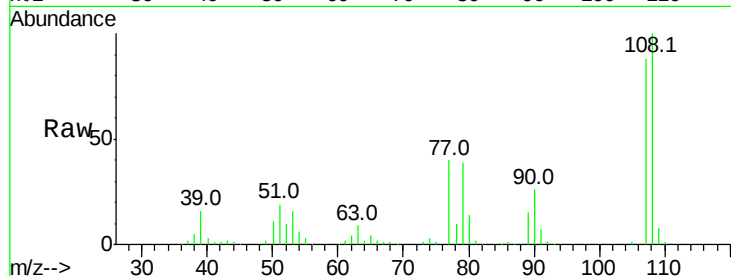
Ion Ratio Lower Upper

107 100

108 113.2 83.9 125.9

77 45.1 37.2 55.8

79 44.7 36.2 54.2

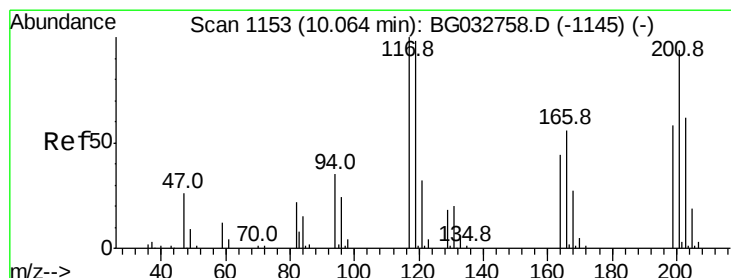
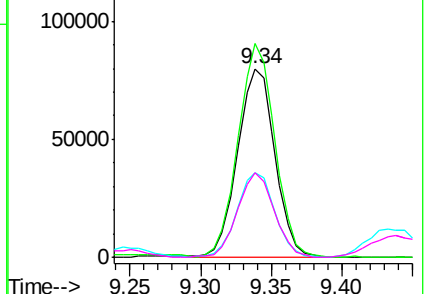
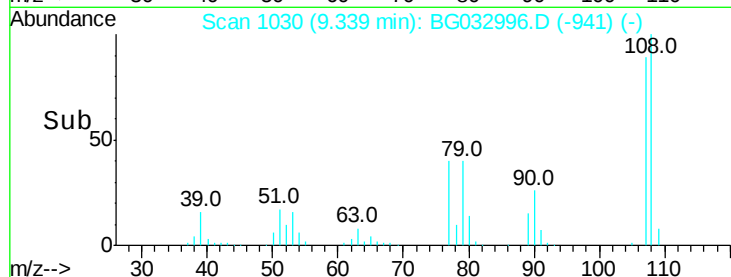


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.284 ng

RT: 10.04 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

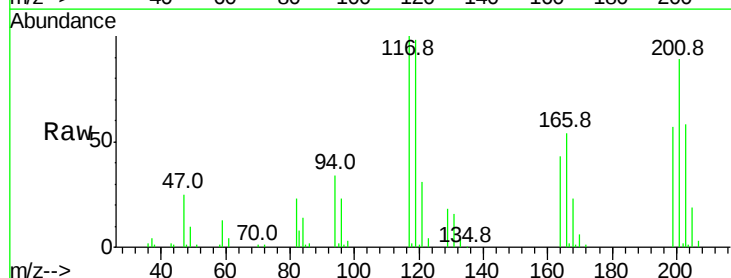
Tgt Ion:117 Resp: 60140

Ion Ratio Lower Upper

117 100

119 97.7 76.7 115.1

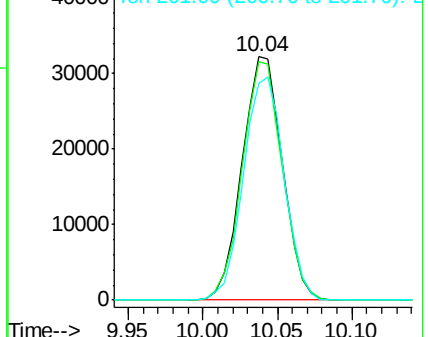
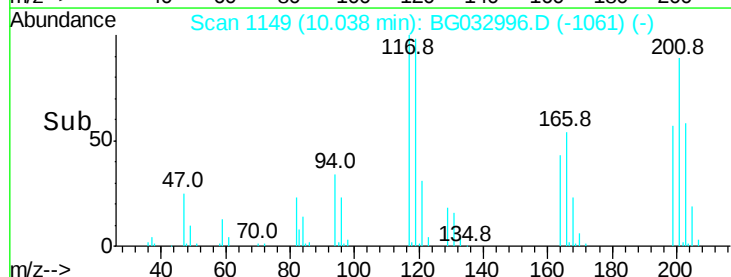
201 89.0 95.7 143.5#

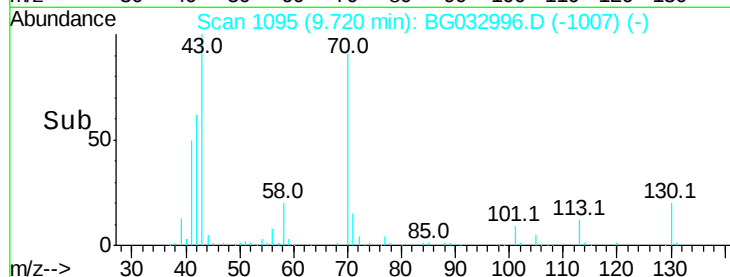
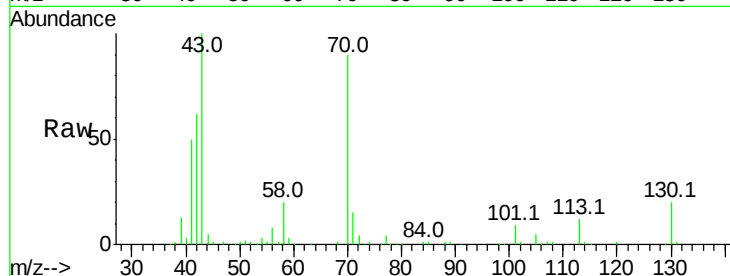
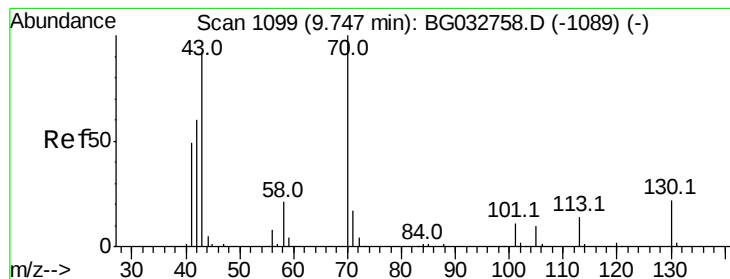


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.201 ng

RT: 9.72 min Scan# 1095

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 127364

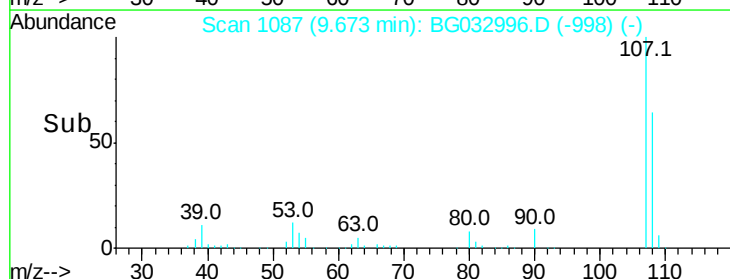
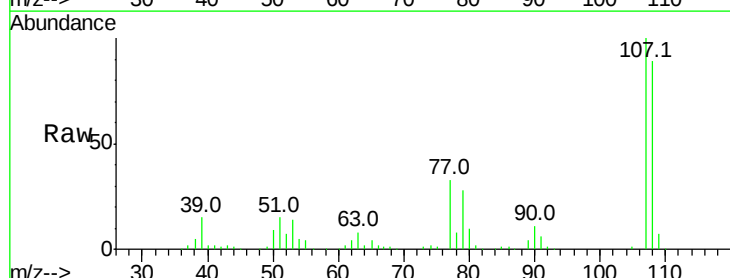
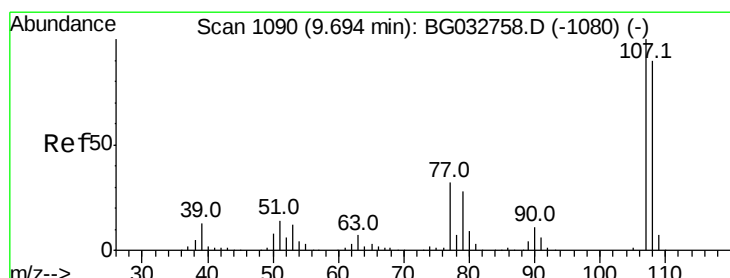
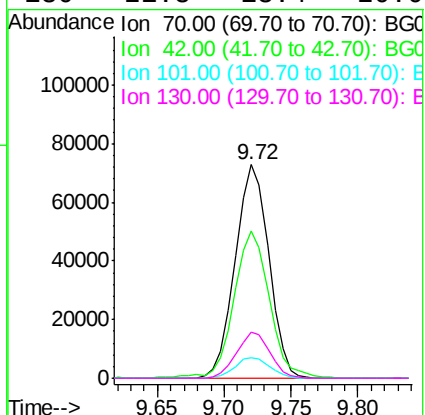
Ion Ratio Lower Upper

70 100

42 68.8 49.1 73.7

101 9.7 8.5 12.7

130 21.8 13.4 20.0#



#20

3+4-Methylphenols

Concen: 40.129 ng

RT: 9.67 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Tgt Ion: 107 Resp: 206698

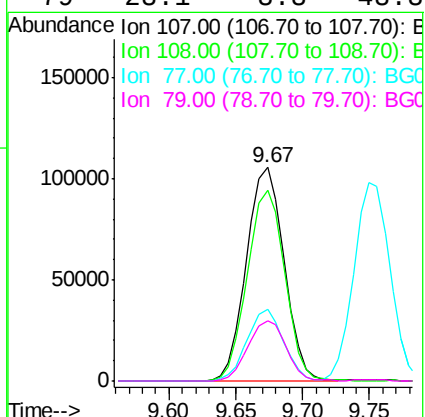
Ion Ratio Lower Upper

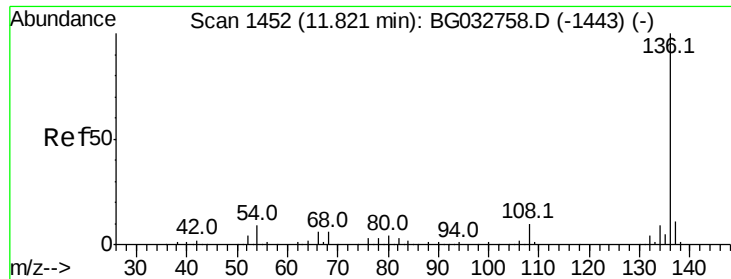
107 100

108 89.4 61.6 101.6

77 33.3 13.9 53.9

79 28.1 8.8 48.8

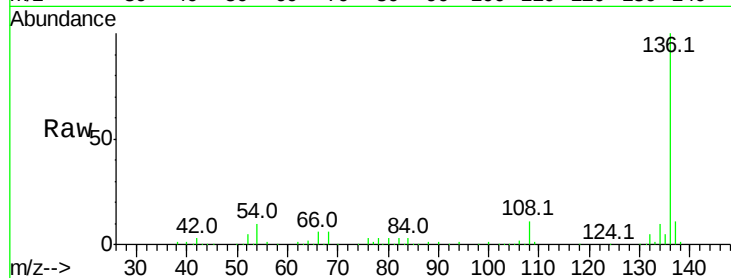




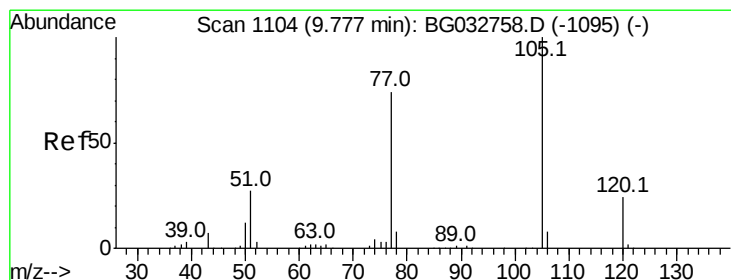
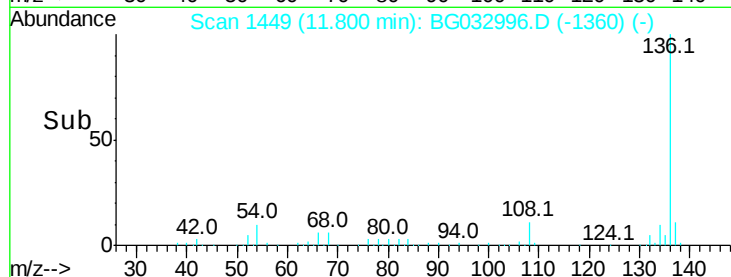
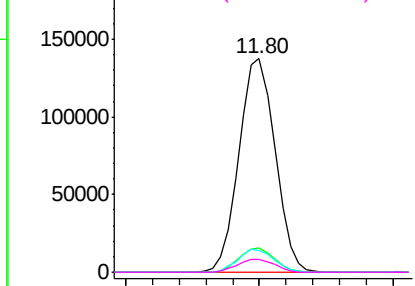
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	258018
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	10.2	10.3	15.5#
68	5.9	4.5	6.7

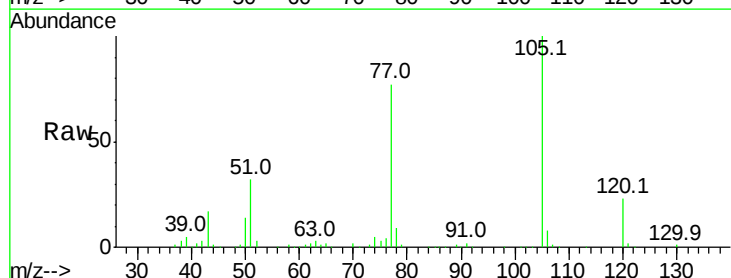


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

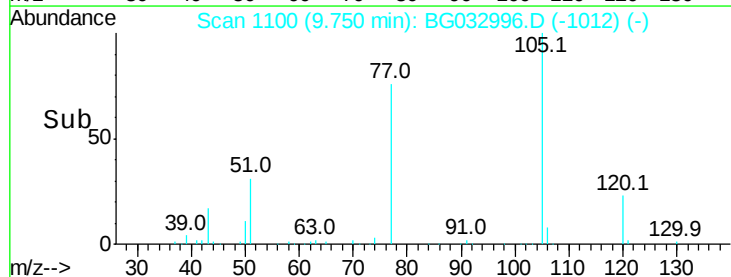
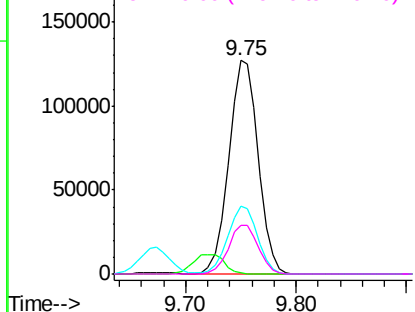


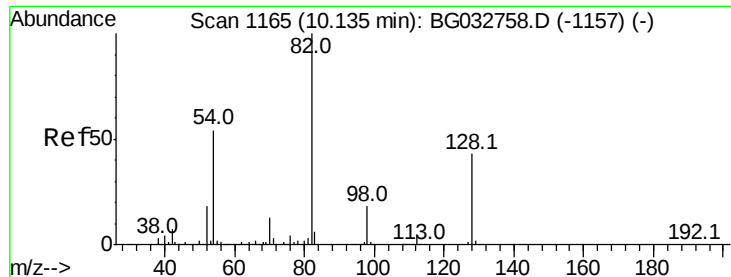
#22
Acetophenone
Concen: 36.325 ng
RT: 9.75 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion:	105	Resp:	236701
Ion	Ratio	Lower	Upper
105	100		
71	0.4	3.0	4.4#
51	32.0	26.1	39.1
120	23.0	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

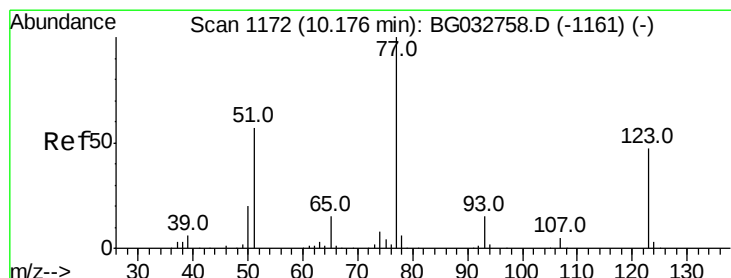
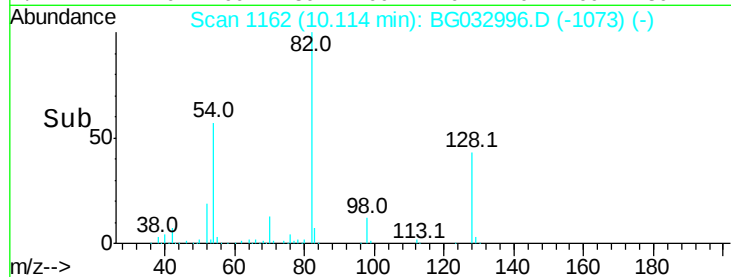
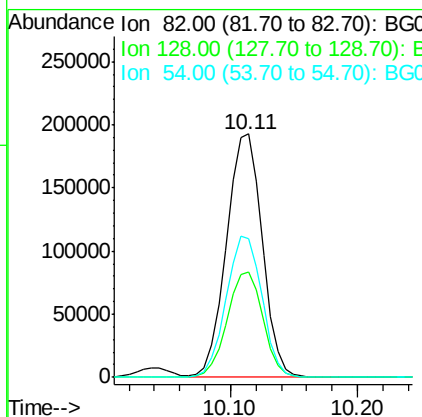
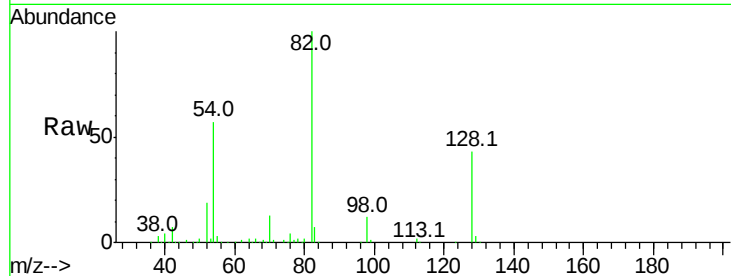




#23
 Nitrobenzene-d5
 Concen: 98.968 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

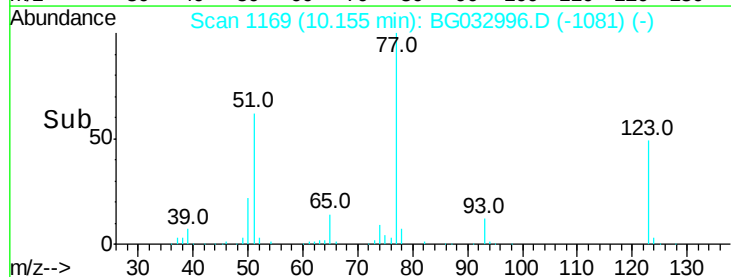
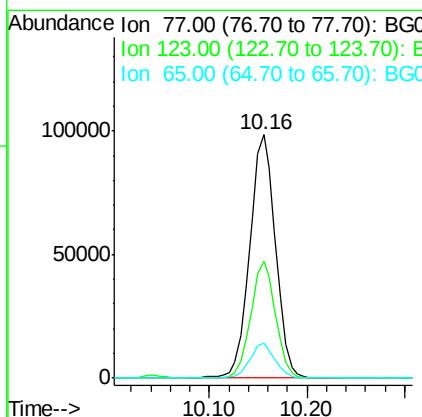
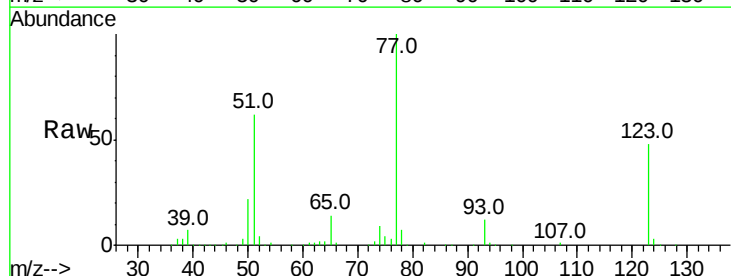
Instrument :
 BNA_G
 ClientSampleId :

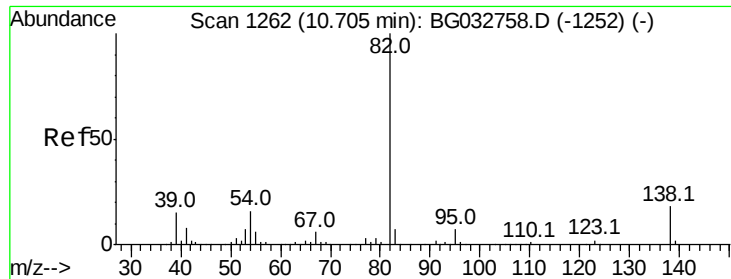
Tot Ion: 82 Resp: 374829
 Ion Ratio Lower Upper
 82 100
 128 43.4 29.7 44.5
 54 57.0 43.1 64.7



#24
 Nitrobenzene
 Concen: 44.858 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion: 77 Resp: 182596
 Ion Ratio Lower Upper
 77 100
 123 48.0 33.0 49.6
 65 14.2 13.0 19.6





#25

Isophorone

Concen: 38.715 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampled :

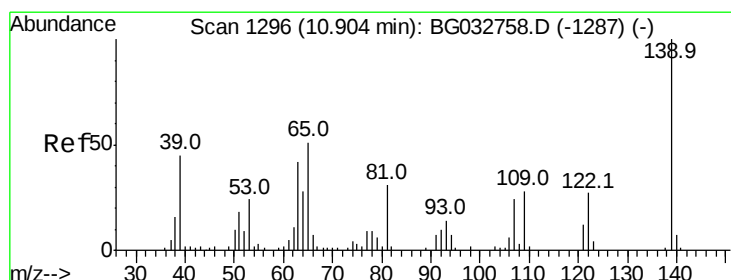
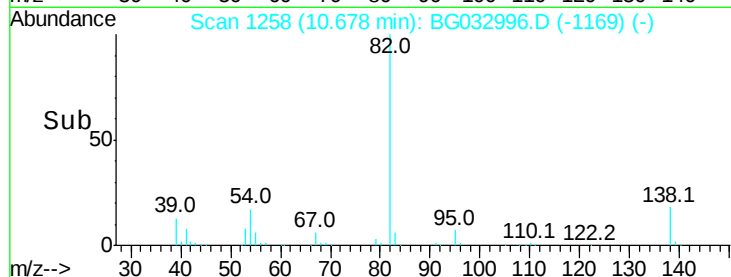
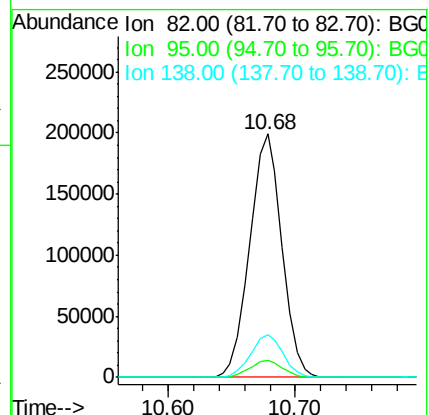
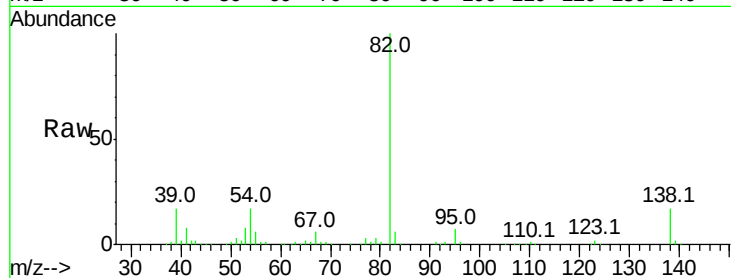
Tot Ion: 82 Resp: 350609

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 17.5 12.1 18.1



#26

2-Nitrophenol

Concen: 56.666 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

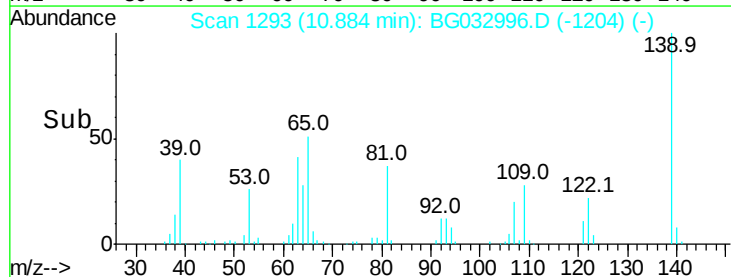
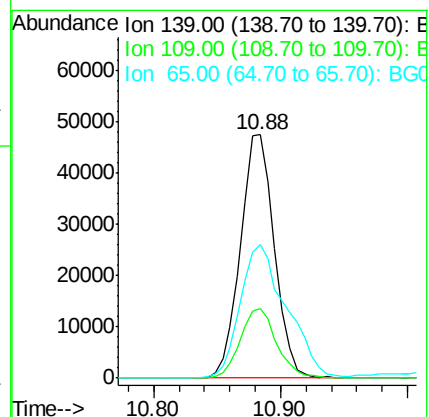
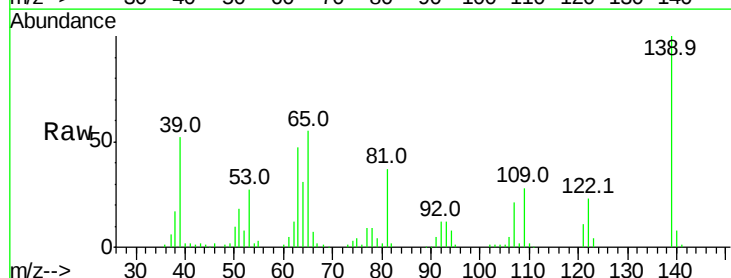
Tgt Ion: 139 Resp: 87709

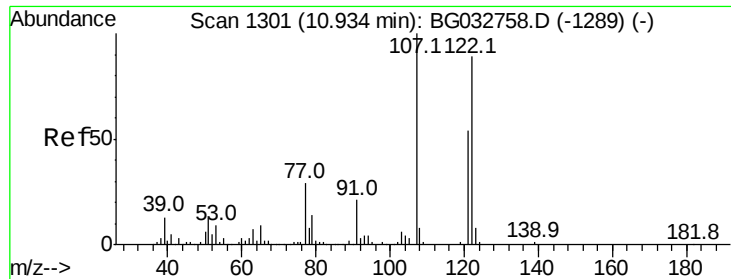
Ion Ratio Lower Upper

139 100

109 28.4 24.2 36.2

65 55.0 47.4 71.0

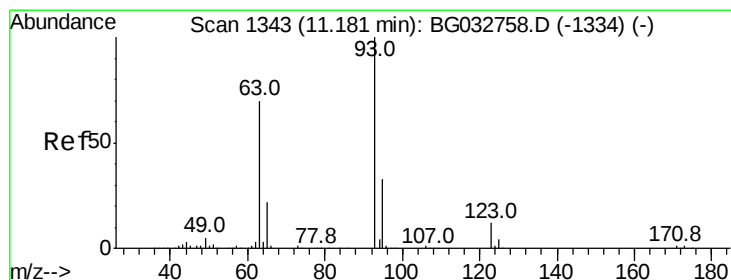
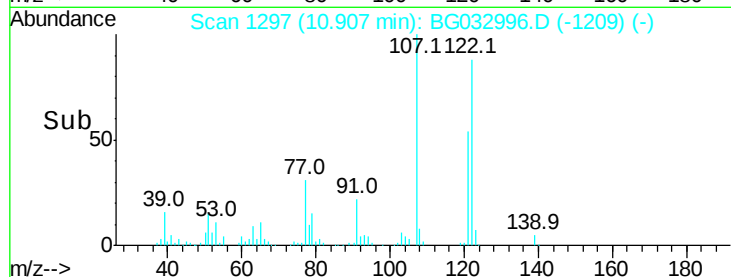
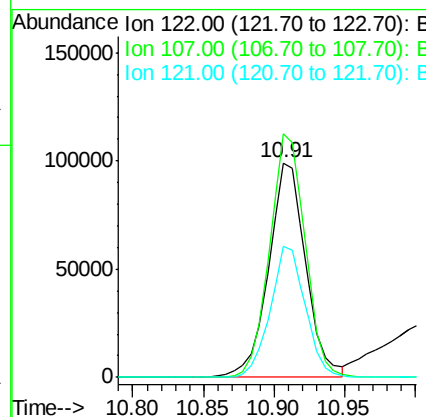
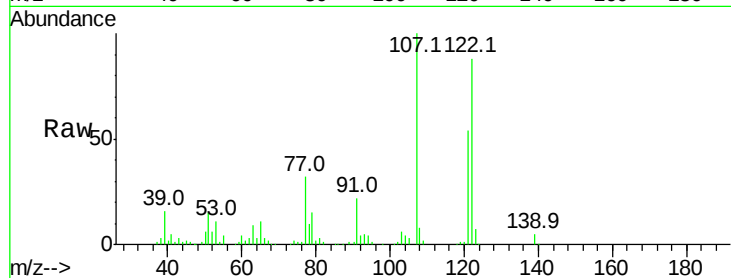




#27
2,4-Dimethylphenol
Concen: 46.396 ng
RT: 10.91 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

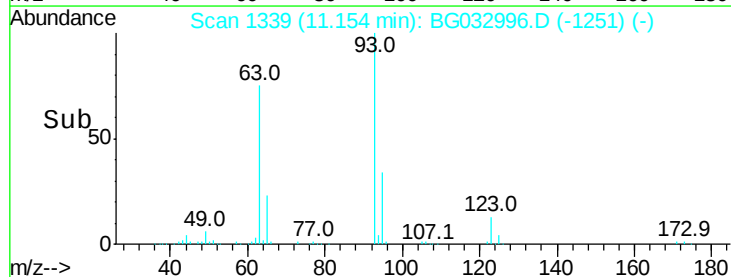
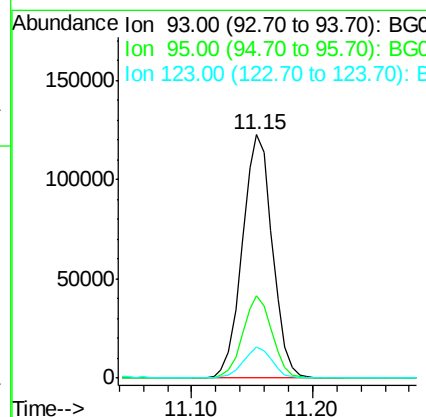
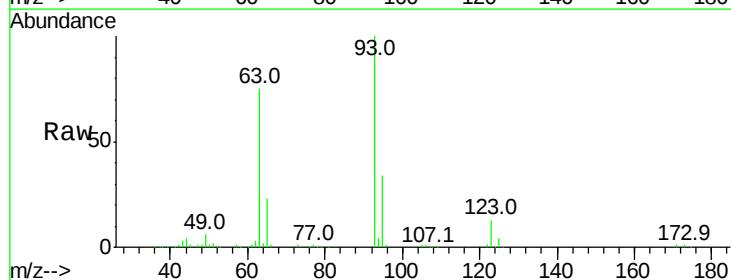
Instrument :
BNA_G
ClientSampled :

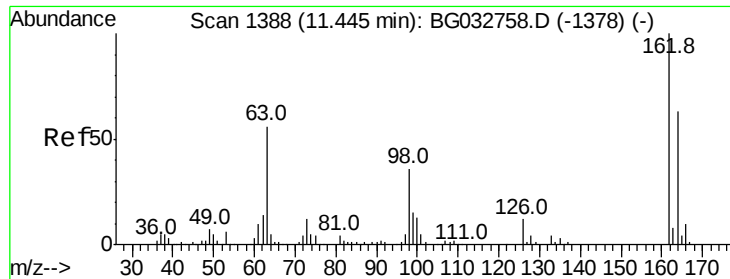
Tot Ion:122 Resp: 182527
Ion Ratio Lower Upper
122 100
107 113.4 100.2 150.2
121 61.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 40.176 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion: 93 Resp: 211960
Ion Ratio Lower Upper
93 100
95 33.6 24.3 36.5
123 12.6 8.4 12.6

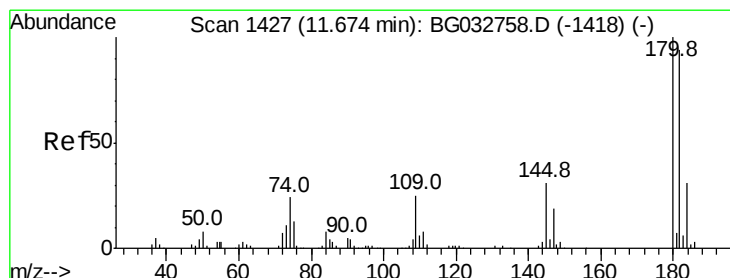
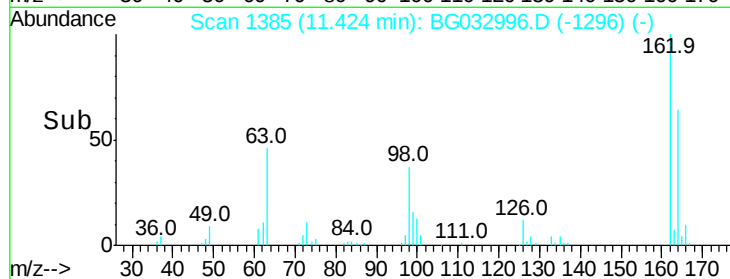
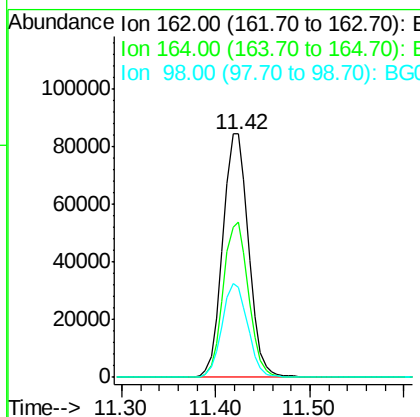
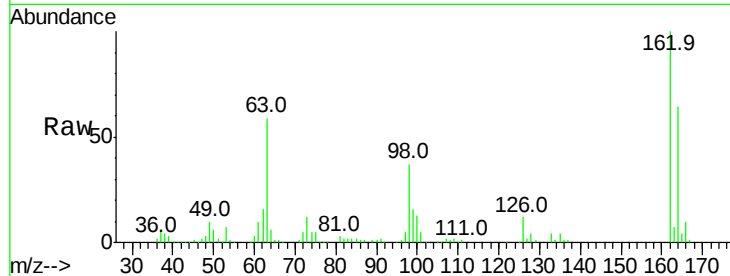




#29
 2,4-Dichlorophenol
 Concen: 45.194 ng
 RT: 11.42 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

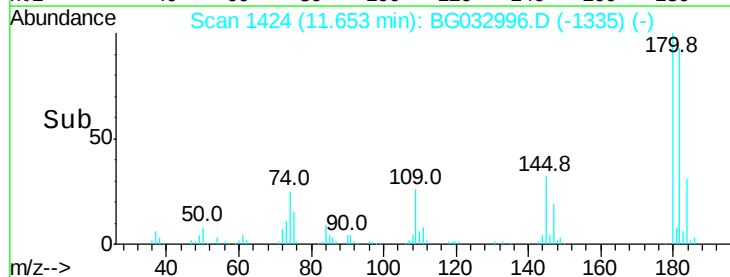
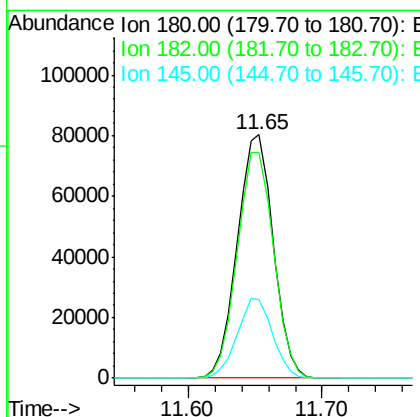
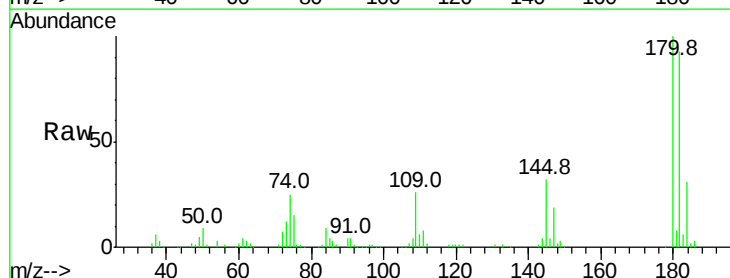
Instrument :
 BNA_G
 ClientSampleId :

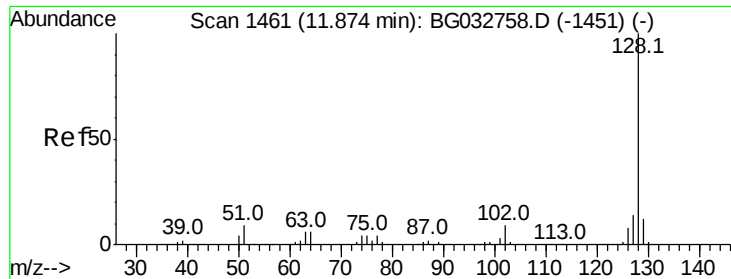
Tot Ion:162 Resp: 161371
 Ion Ratio Lower Upper
 162 100
 164 63.9 48.0 88.0
 98 36.9 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 35.705 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion:180 Resp: 149444
 Ion Ratio Lower Upper
 180 100
 182 92.9 77.5 116.3
 145 32.2 23.4 35.2

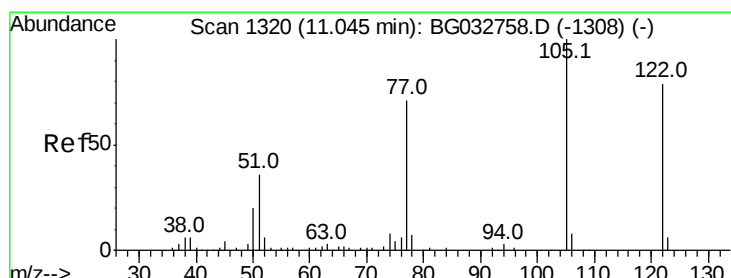
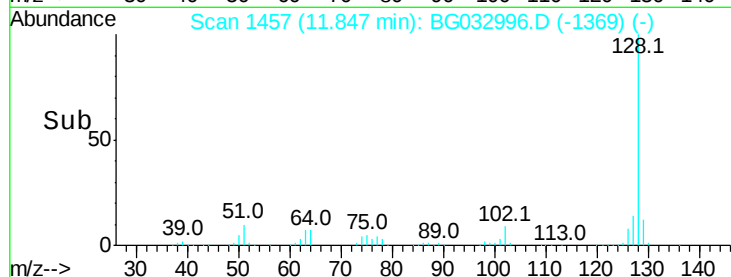
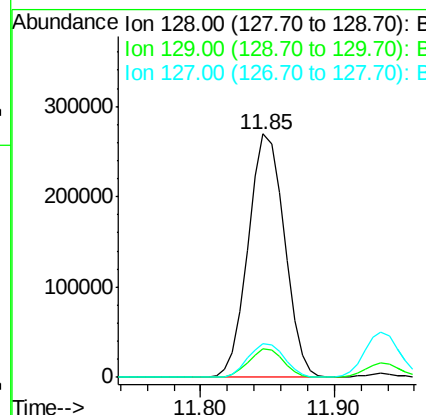
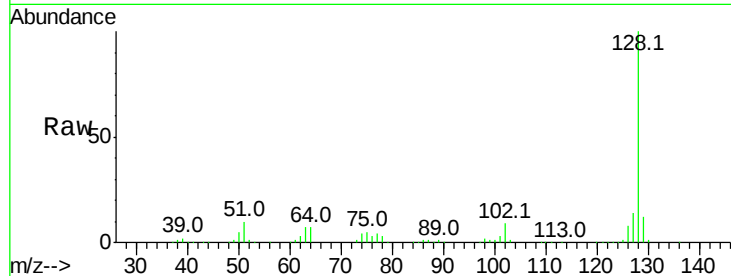




#31
Naphthalene
Concen: 37.528 ng
RT: 11.85 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

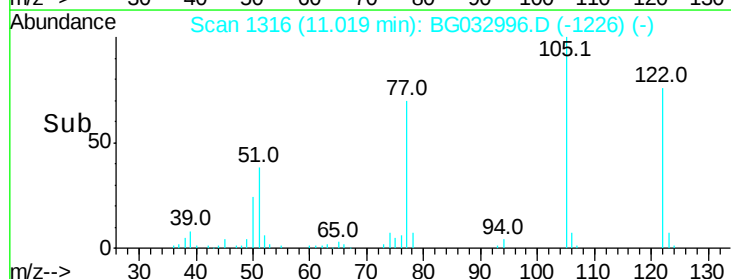
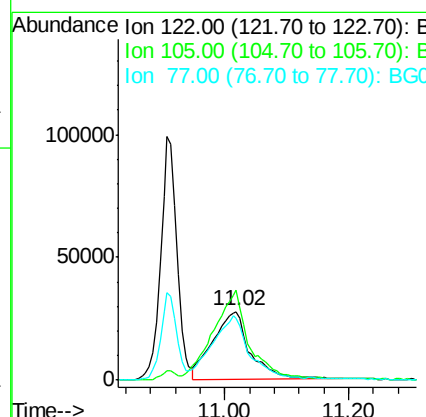
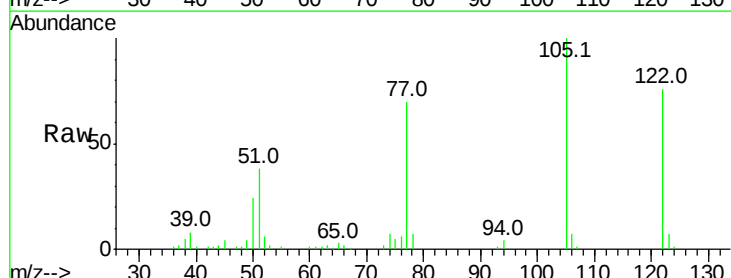
Instrument :
BNA_G
ClientSampleId :

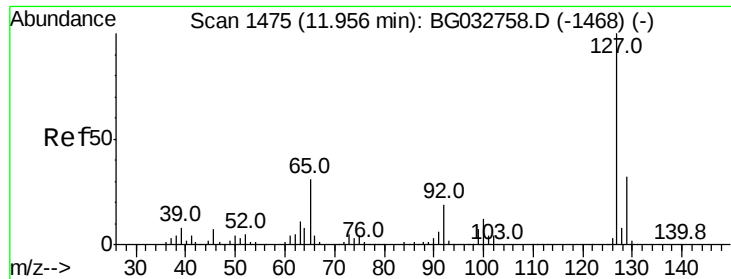
Tot Ion:128 Resp: 505963
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 47.484 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion:122 Resp: 115810
Ion Ratio Lower Upper
122 100
105 131.2 123.5 163.5
77 91.3 85.7 125.7

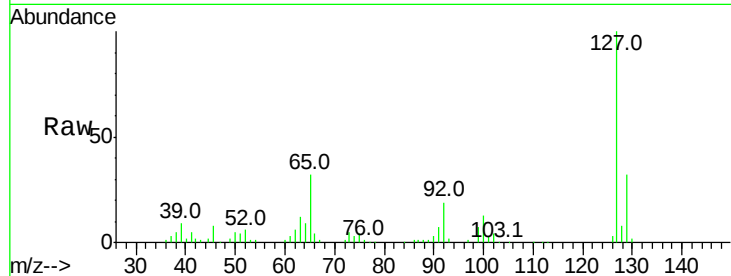




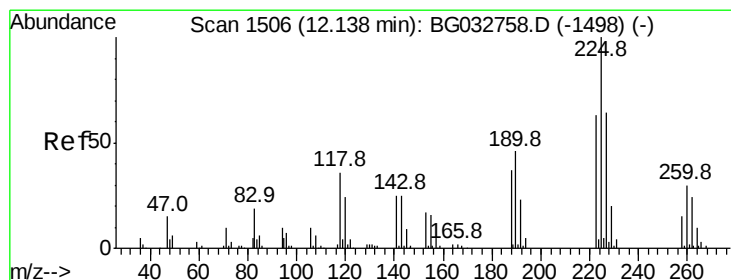
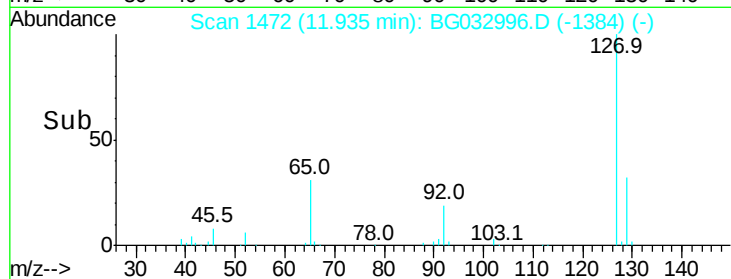
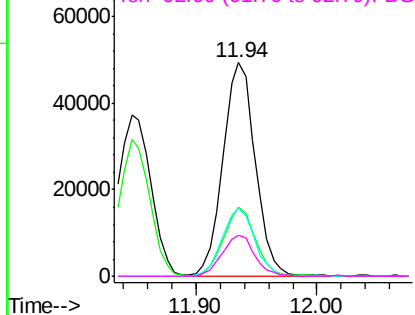
#33
4-Chloroaniline
Concen: 15.211 ng
RT: 11.94 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	91698
Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.0	36.0
65	31.8	27.0	40.4
92	19.3	16.6	25.0

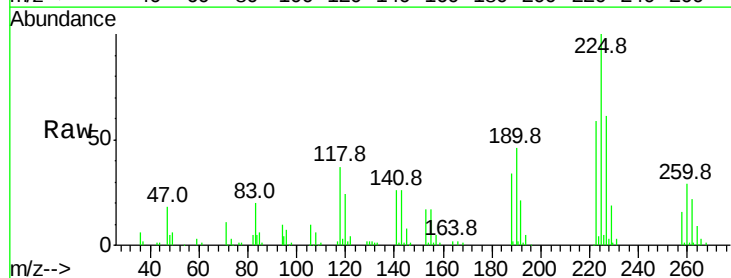


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

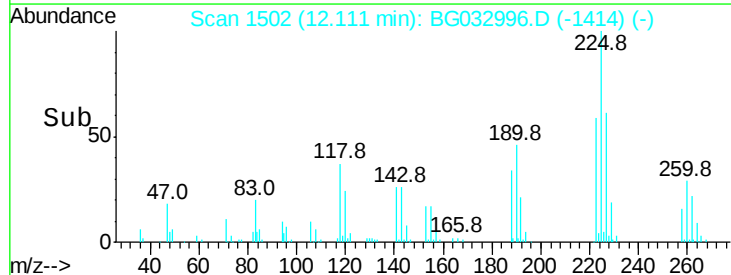
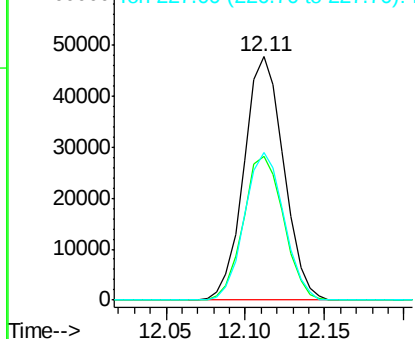


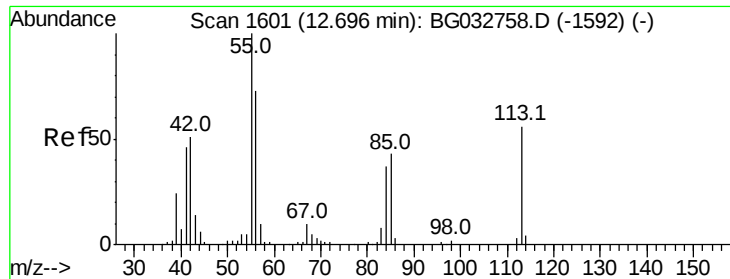
#34
Hexachlorobutadiene
Concen: 35.398 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion:	225	Resp:	83106
Ion	Ratio	Lower	Upper
225	100		
223	59.2	49.7	74.5
227	60.9	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: 46.690 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

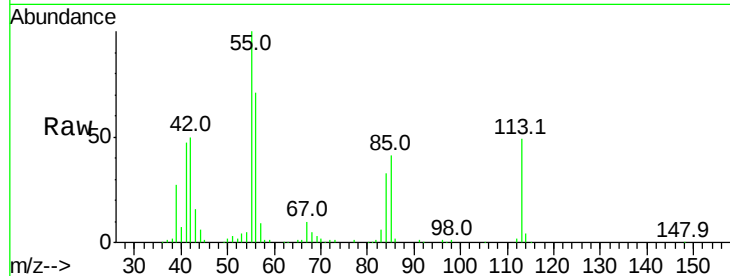
Tot Ion:113 Resp: 66753

Ion Ratio Lower Upper

113 100

55 203.2 186.9 226.9

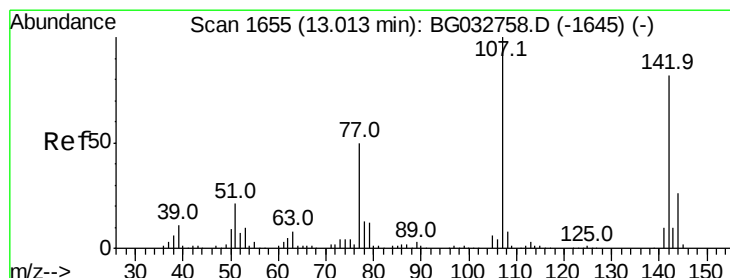
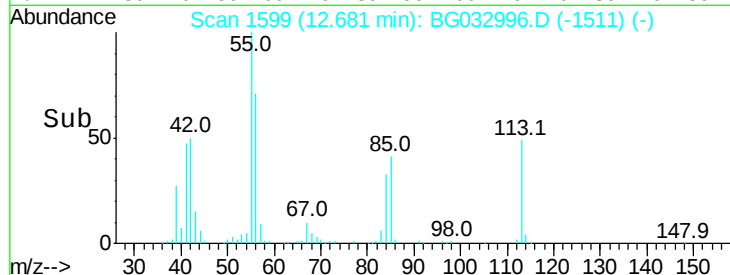
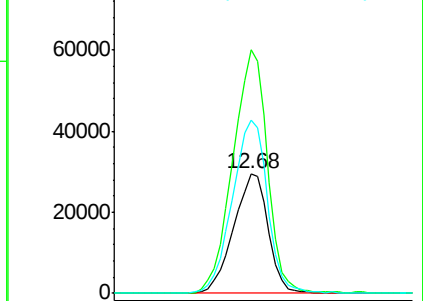
56 144.5 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.158 ng

RT: 13.00 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

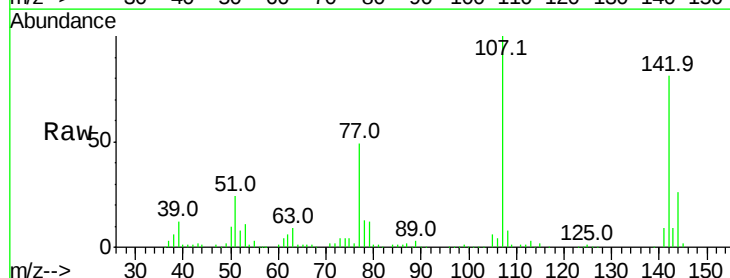
Tgt Ion:107 Resp: 195948

Ion Ratio Lower Upper

107 100

144 26.3 18.2 27.4

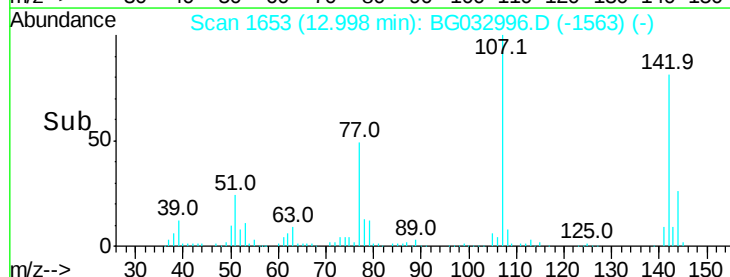
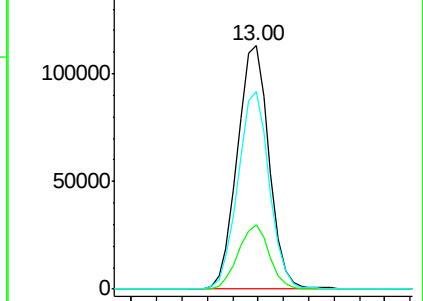
142 81.0 59.0 88.4

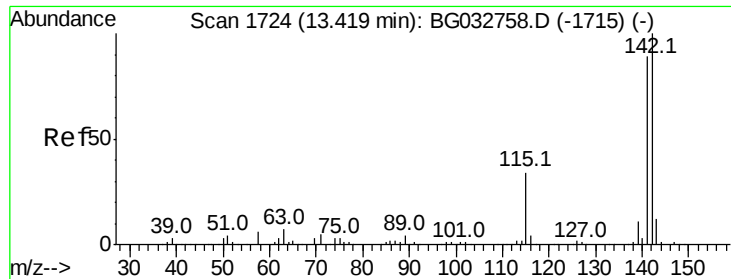


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

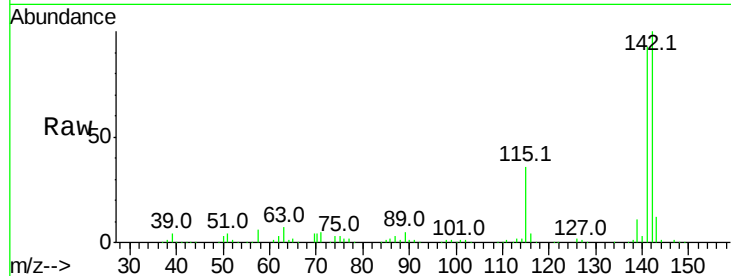




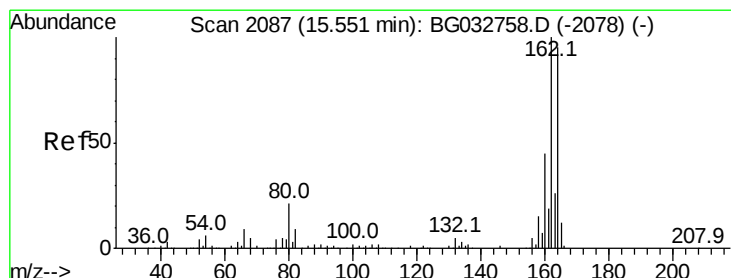
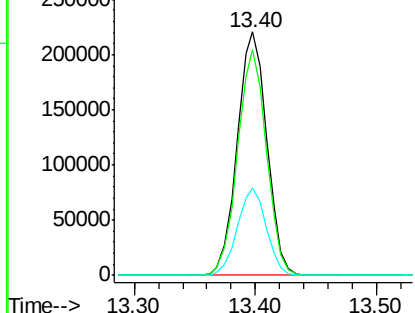
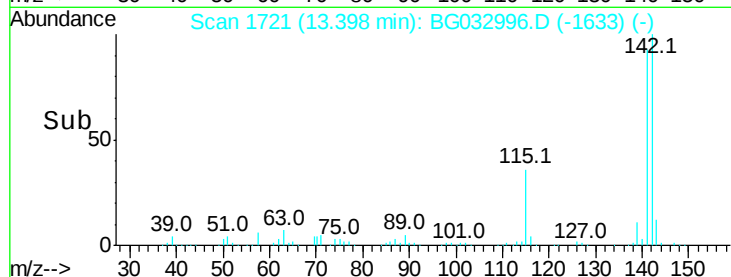
#37
2-Methylnaphthalene
Concen: 38.470 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	67.1	100.7
115	36.1	30.7	46.1

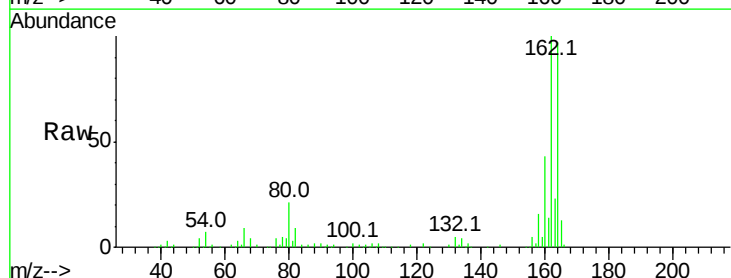


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

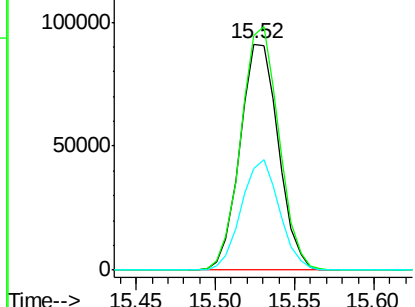
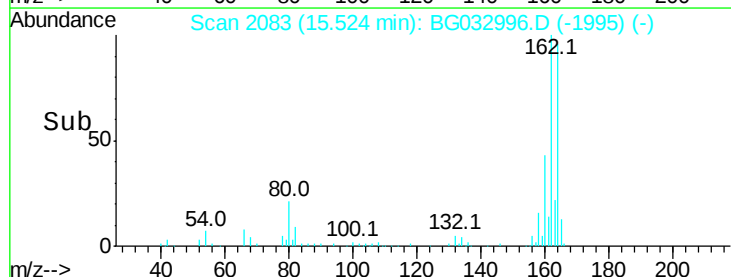


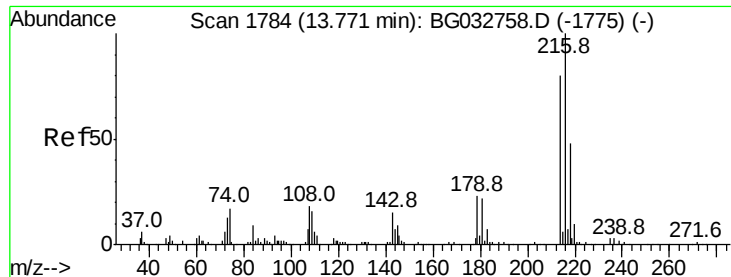
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	78.8	118.2
160	44.6	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.693 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.01 min

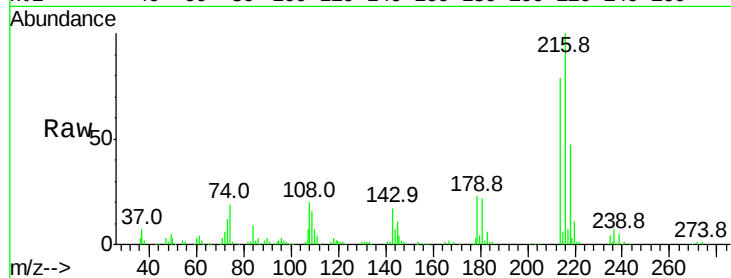
Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampled :



Tot Ion:216 Resp: 158172

Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 23.0 17.0 25.6

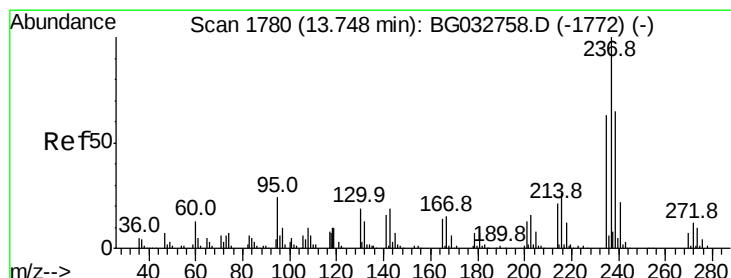
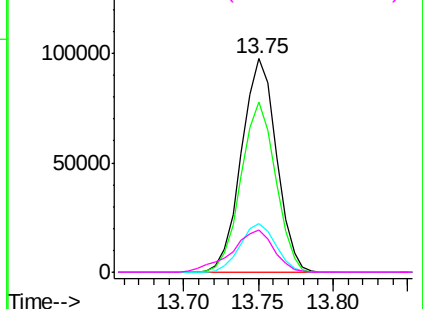
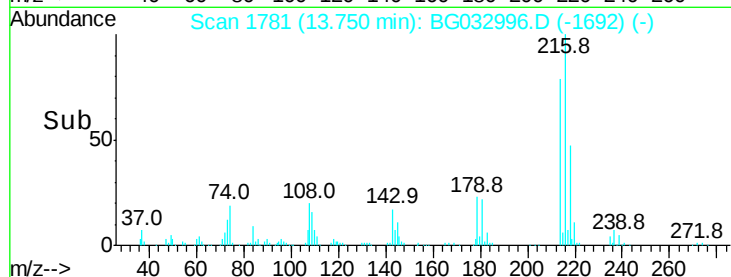
108 24.1 12.8 19.2#

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: 85.990 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

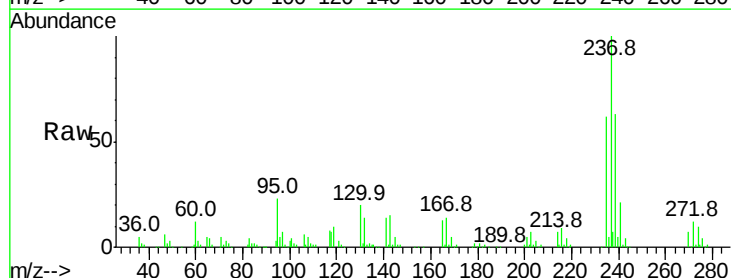
Tgt Ion:237 Resp: 199799

Ion Ratio Lower Upper

237 100

235 61.6 50.4 90.4

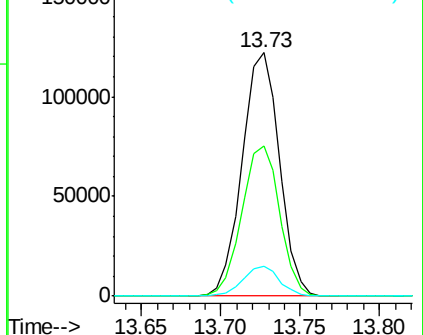
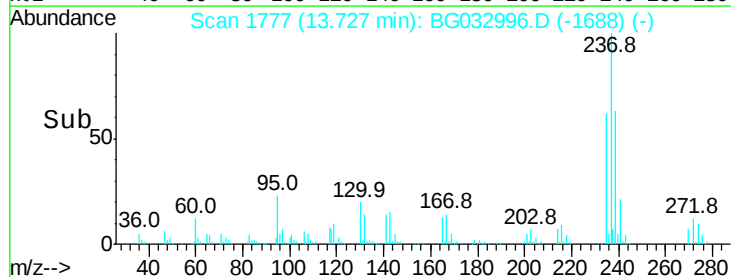
272 12.0 0.0 31.8

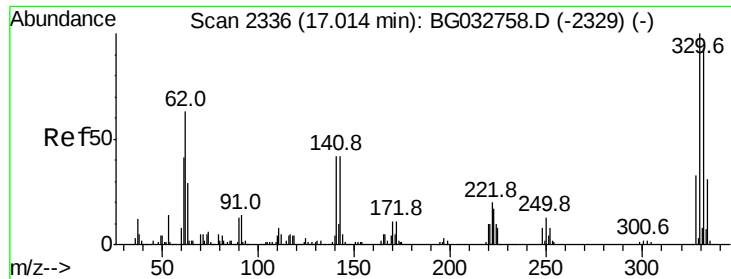


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

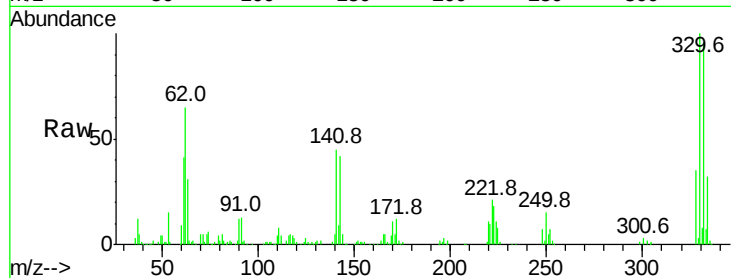




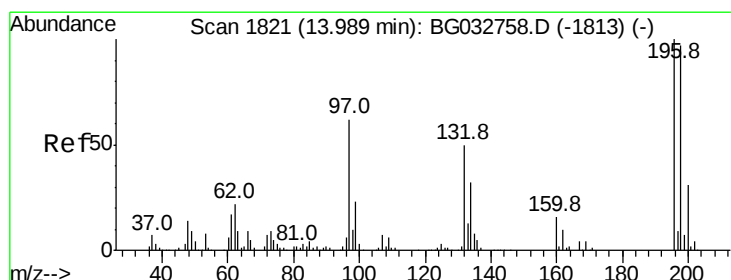
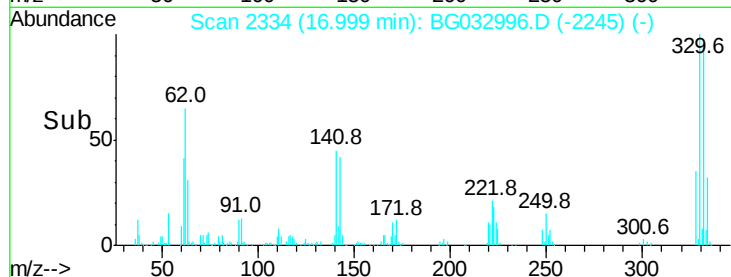
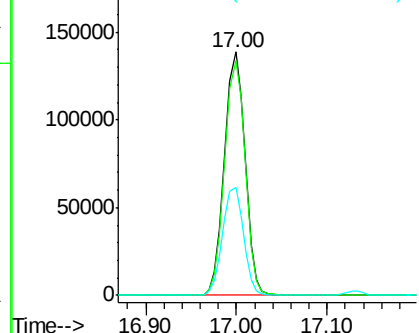
#41
 2,4,6-Tribromophenol
 Concen: 136.257 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 220039
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 44.9 25.2 37.8#

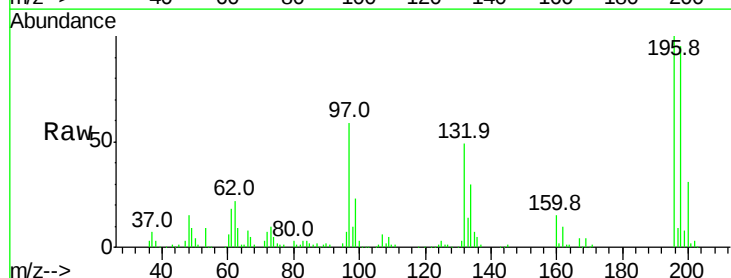


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

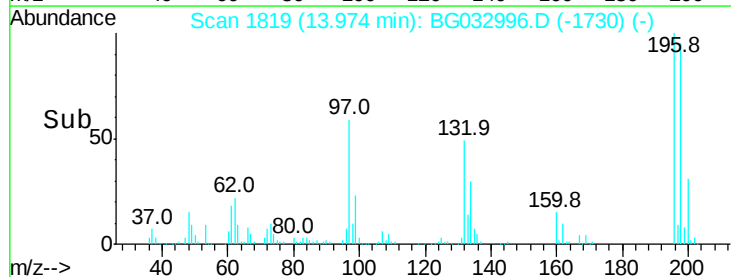
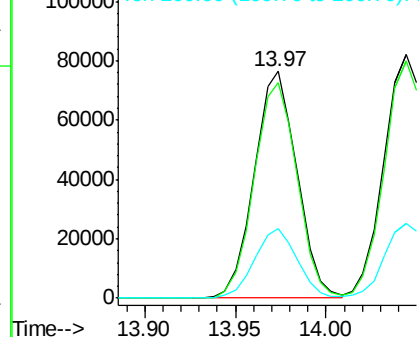


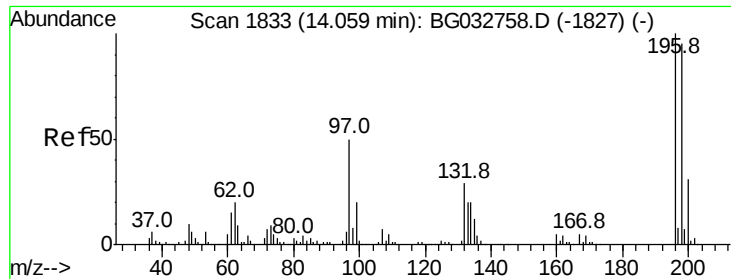
#42
 2,4,6-Trichlorophenol
 Concen: 43.364 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion:196 Resp: 124680
 Ion Ratio Lower Upper
 196 100
 198 94.9 78.2 117.2
 200 30.7 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

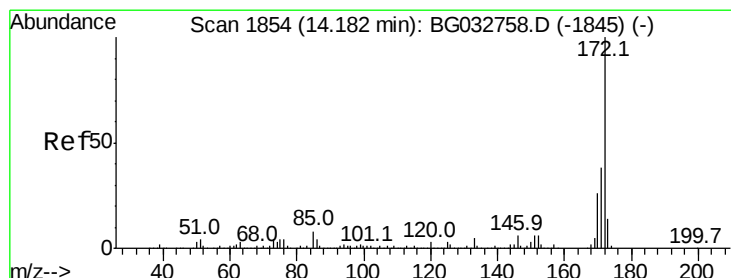
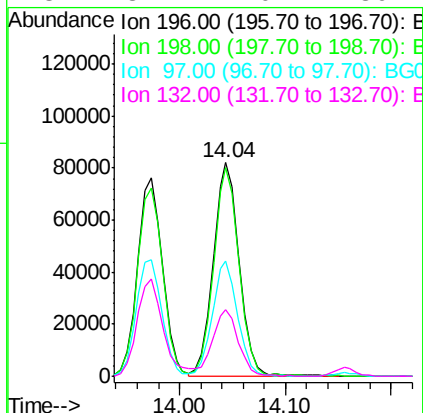
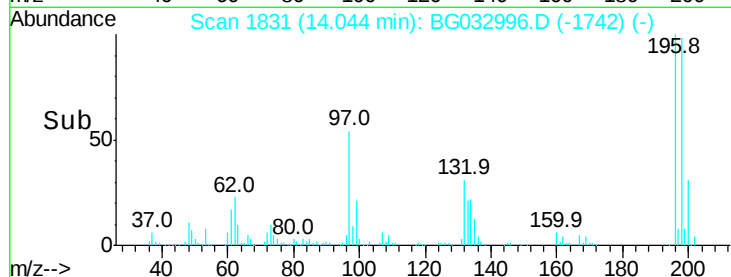
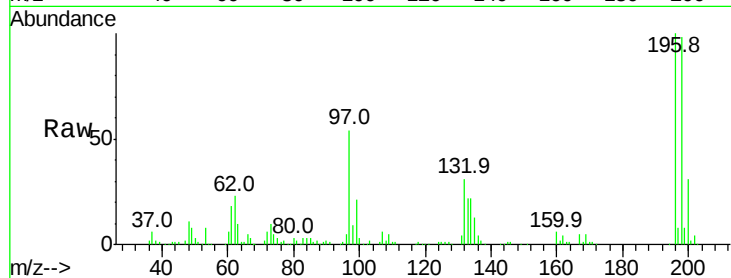




#43
 2,4,5-Trichlorophenol
 Concen: 42.179 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

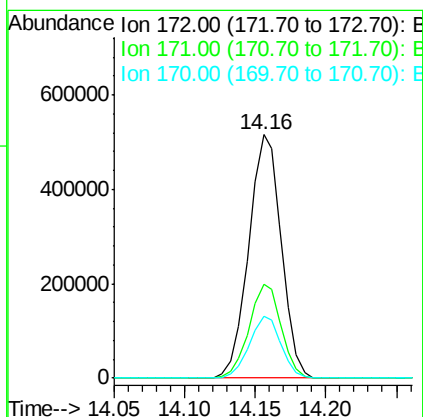
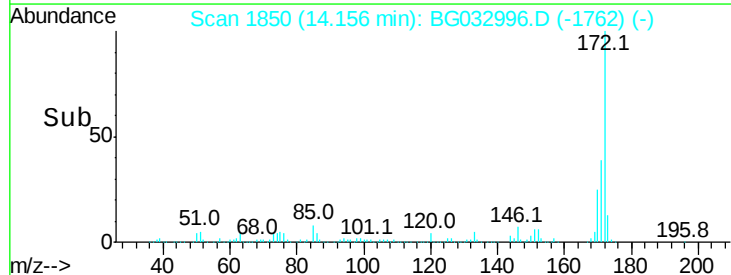
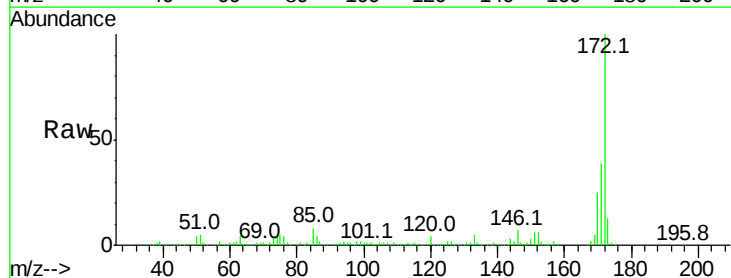
Instrument :
 BNA_G
 ClientSampleId :

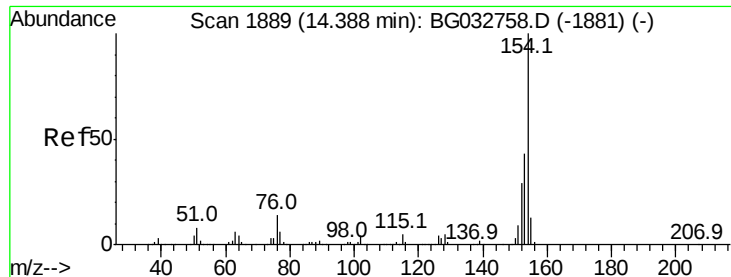
Tot Ion:	196	Resp:	140359
Ion	Ratio	Lower	Upper
196	100		
198	97.5	76.2	114.4
97	54.1	38.7	58.1
132	31.4	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 78.082 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion:	172	Resp:	831482
Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	25.4	19.5	29.3

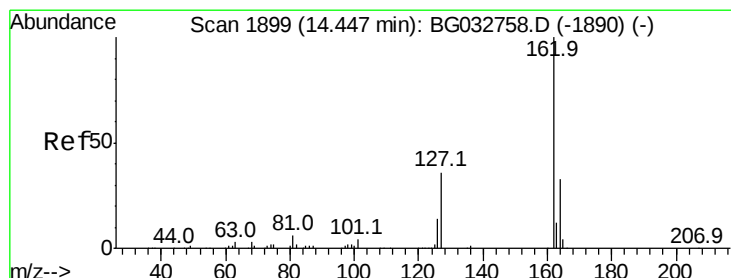
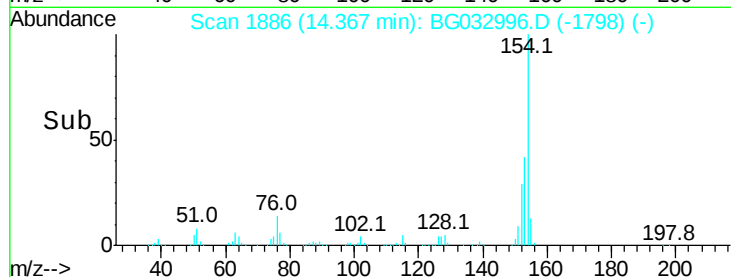
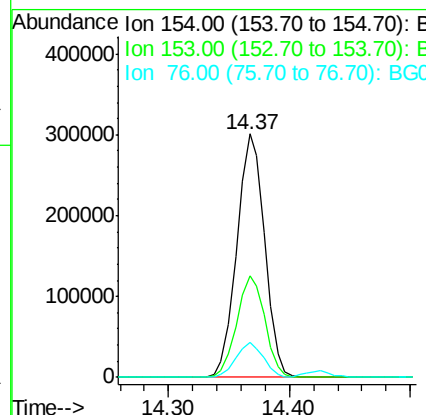
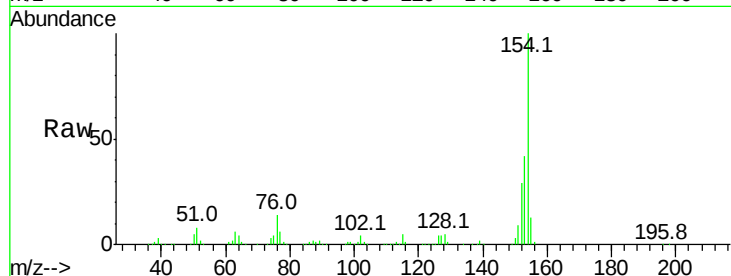




#45
 1,1'-Biphenyl
 Concen: 35.812 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

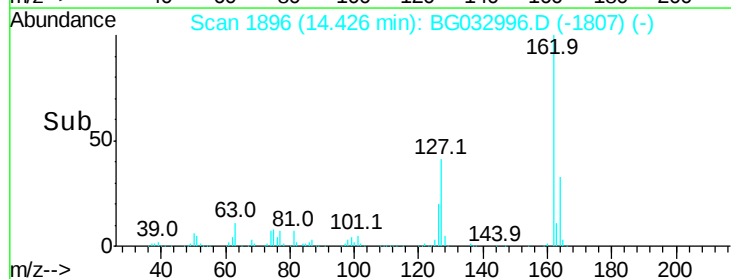
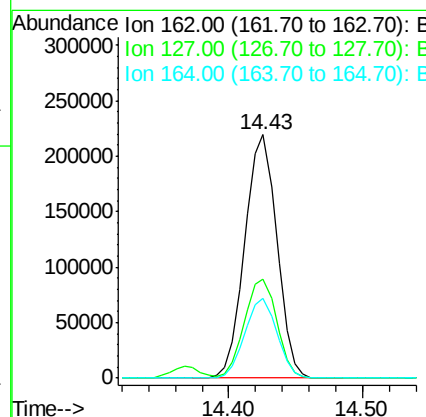
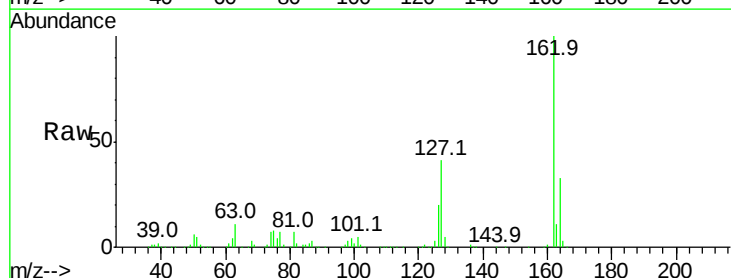
Instrument :
 BNA_G
 ClientSampleId :

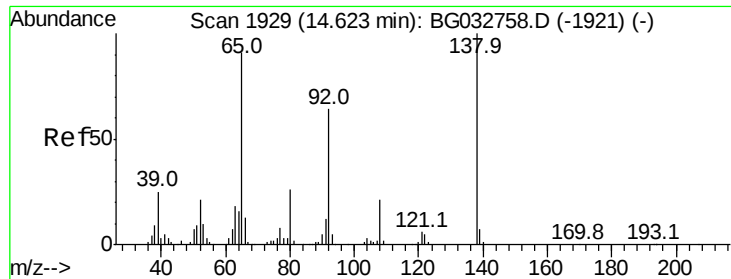
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	14.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 36.222 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	30.7	46.1
164	32.7	26.0	39.0

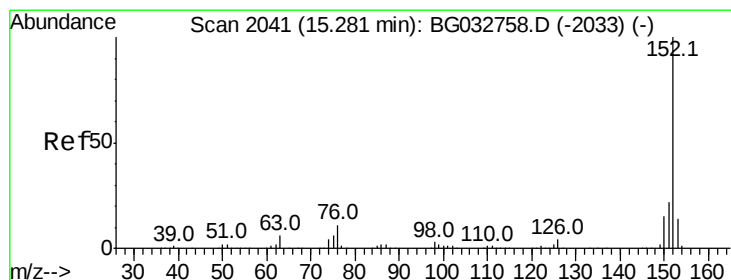
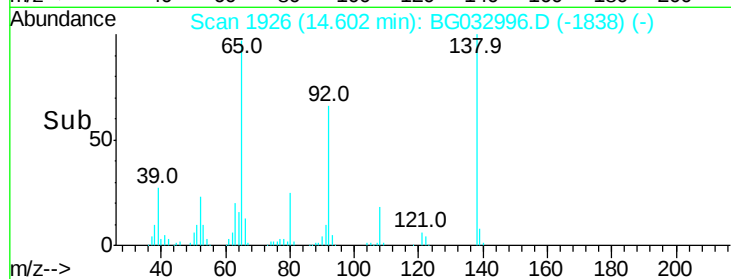
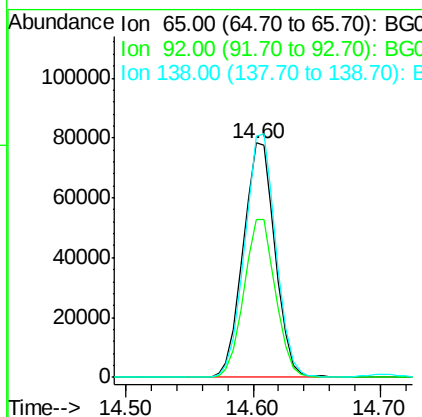
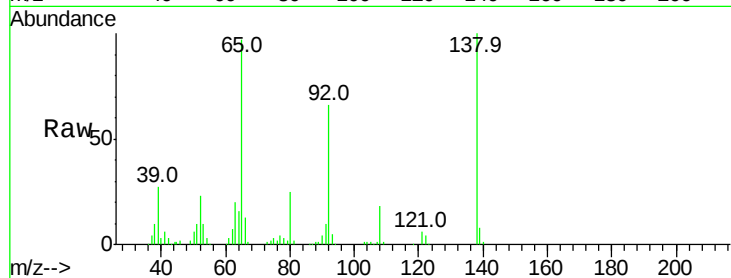




#47
2-Nitroaniline
Concen: 52.875 ng
RT: 14.60 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

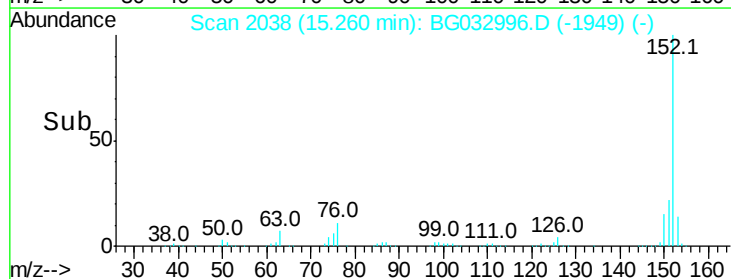
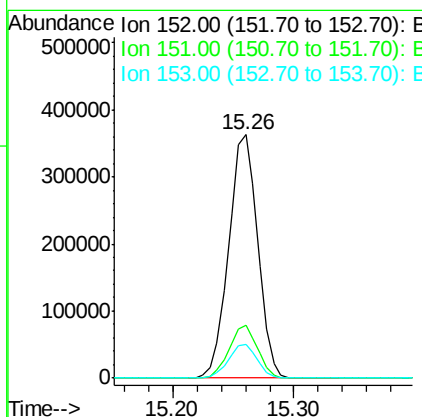
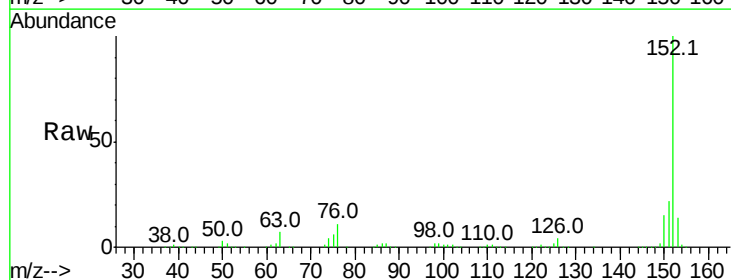
Instrument :
BNA_G
ClientSampled :

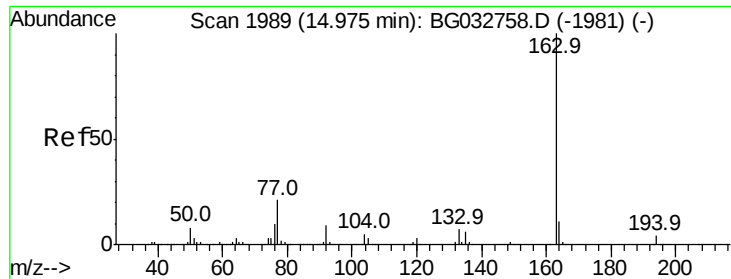
Tot Ion: 65 Resp: 136863
Ion Ratio Lower Upper
65 100
92 67.3 54.6 82.0
138 102.7 72.9 109.3



#48
Acenaphthylene
Concen: 36.907 ng
RT: 15.26 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion: 152 Resp: 605778
Ion Ratio Lower Upper
152 100
151 21.8 17.2 25.8
153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 37.295 ng

RT: 14.95 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampled :

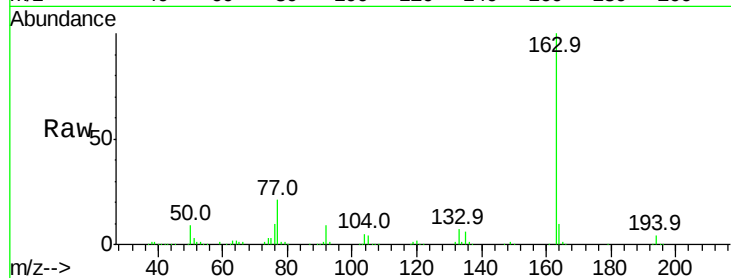
Tot Ion:163 Resp: 486353

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

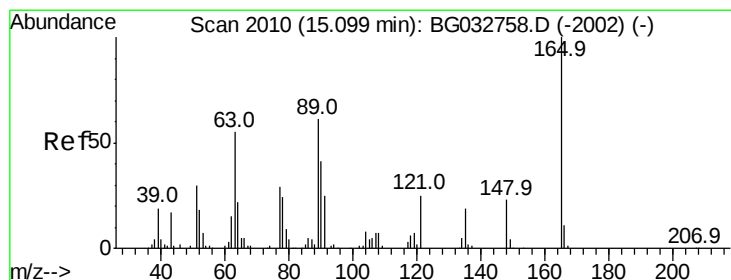
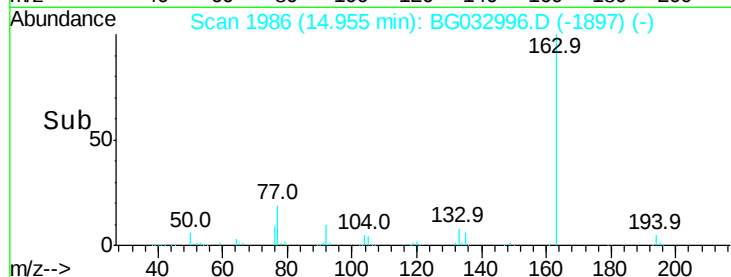
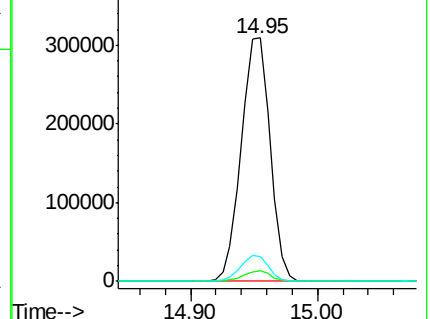
164 10.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 50.238 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

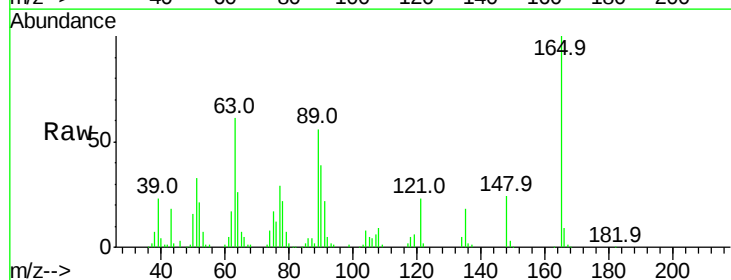
Tgt Ion:165 Resp: 109535

Ion Ratio Lower Upper

165 100

63 60.5 52.7 79.1

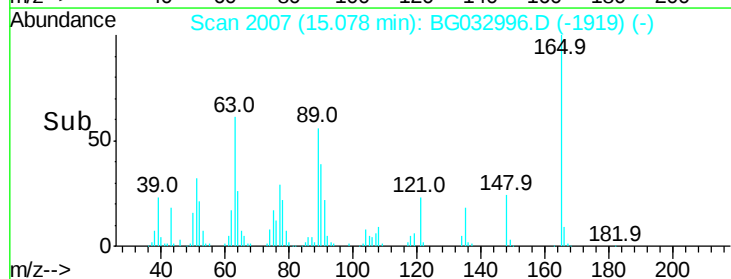
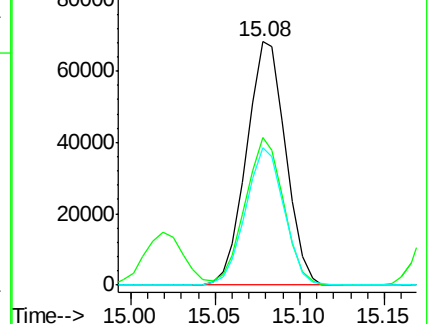
89 56.4 49.2 73.8

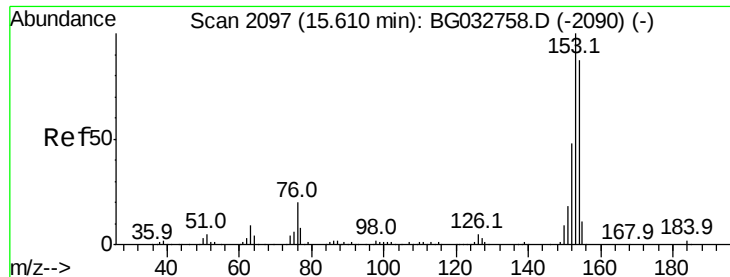


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.410 ng

RT: 15.59 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

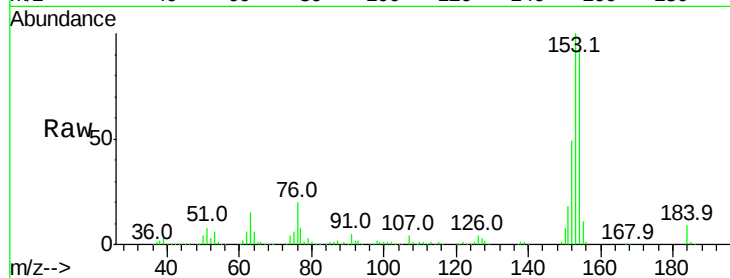
Tot Ion:154 Resp: 413075

Ion Ratio Lower Upper

154 100

153 107.9 90.4 135.6

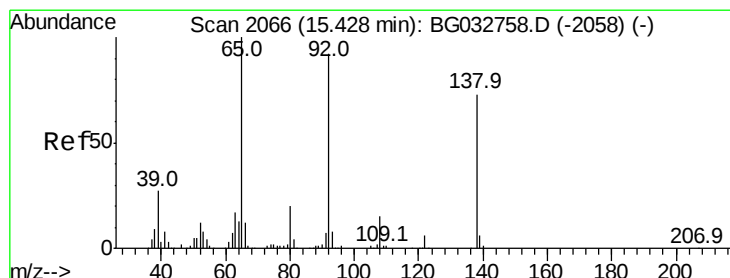
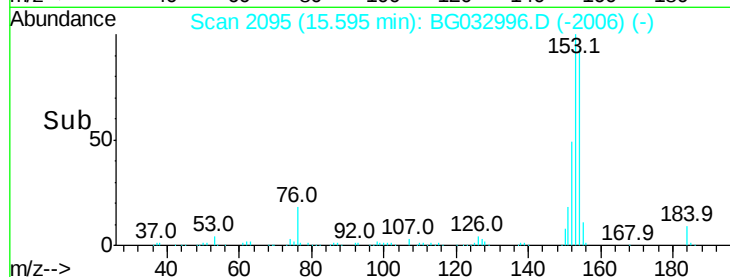
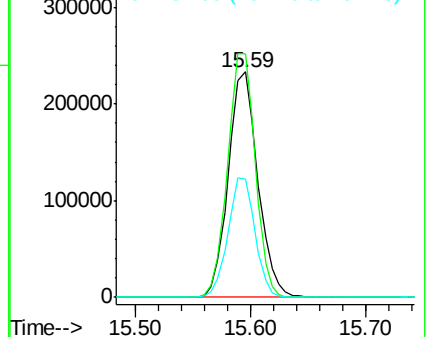
152 52.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.965 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

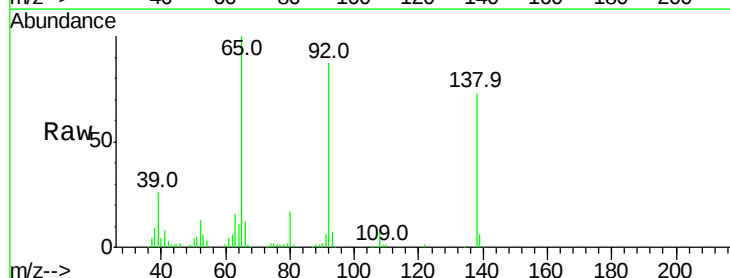
Tgt Ion:138 Resp: 71036

Ion Ratio Lower Upper

138 100

108 10.8 17.5 26.3#

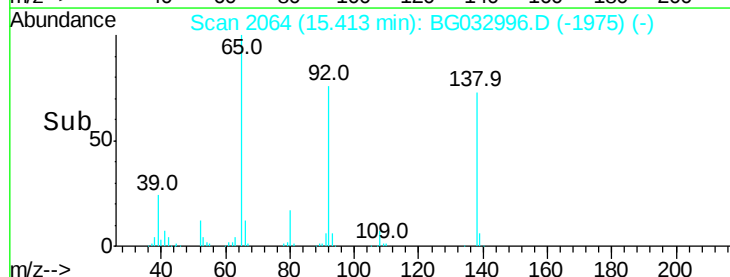
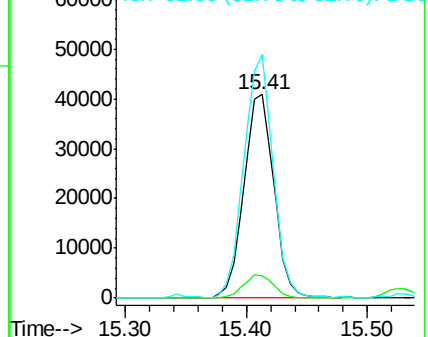
92 119.7 105.8 158.8

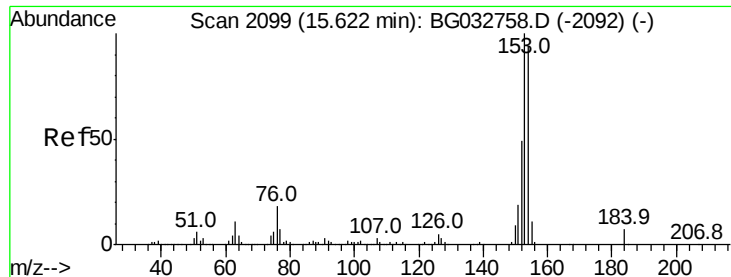


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

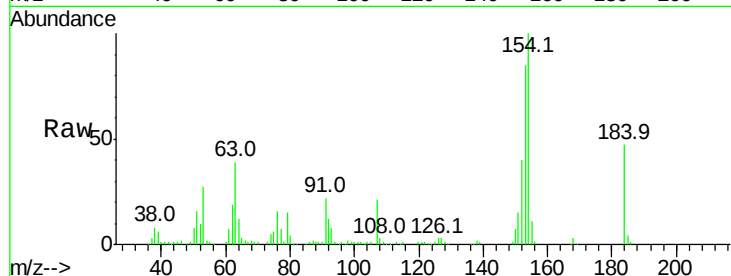




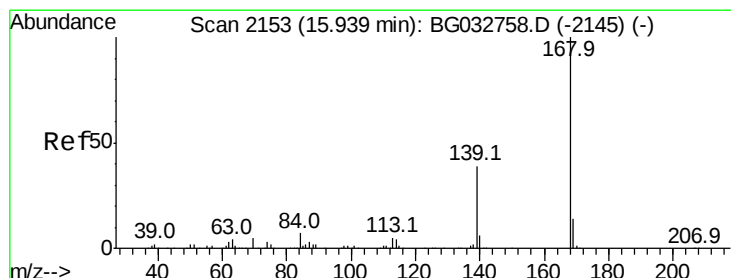
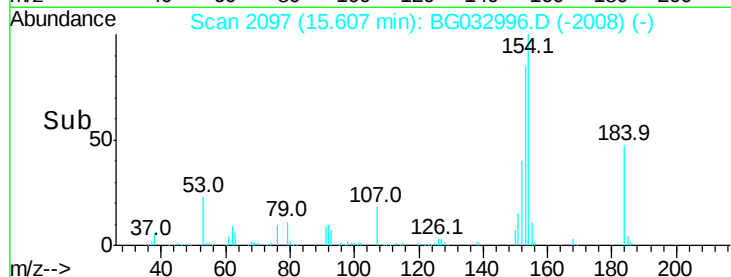
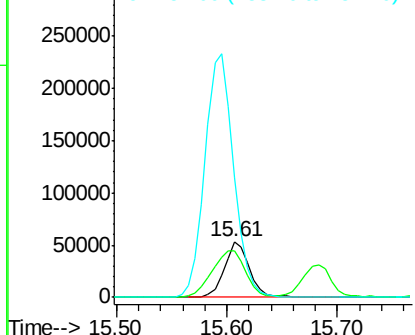
#53
2,4-Dinitrophenol
Concen: 110.477 ng
RT: 15.61 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 86271
Ion Ratio Lower Upper
184 100
63 82.9 59.8 89.8
154 213.3 101.8 152.8#

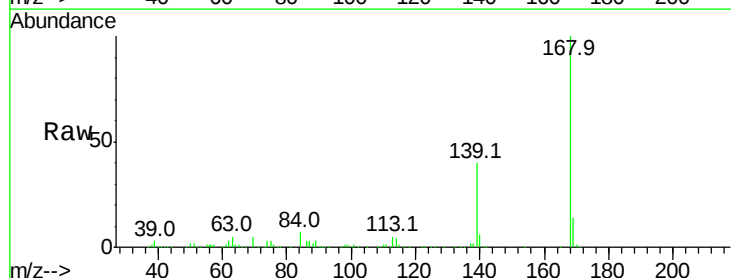


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

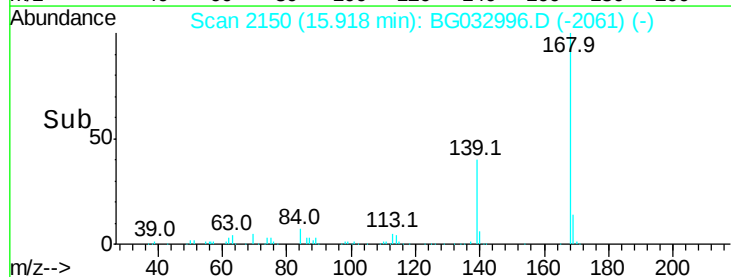
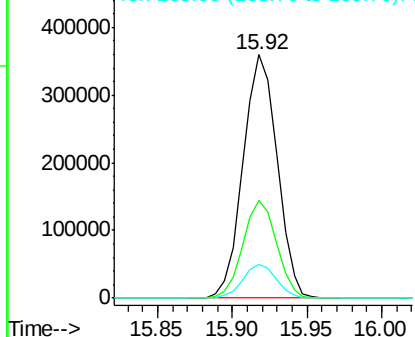


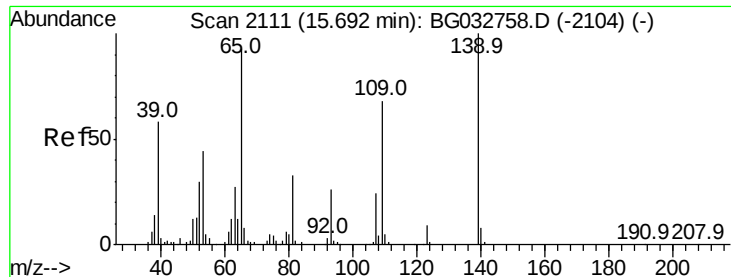
#54
Dibenzofuran
Concen: 38.912 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion:168 Resp: 566373
Ion Ratio Lower Upper
168 100
139 40.3 28.6 43.0
169 13.9 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

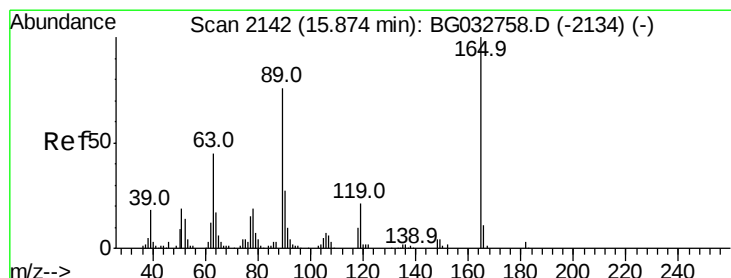
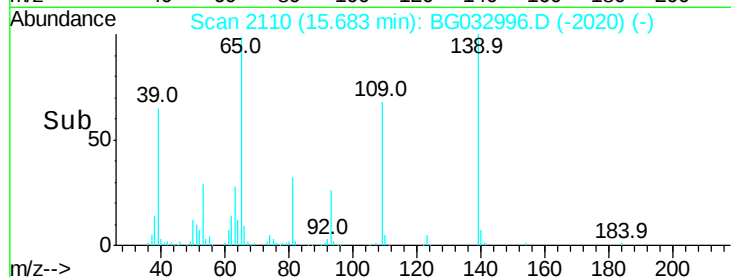
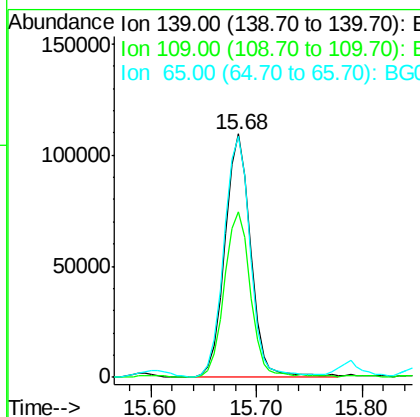
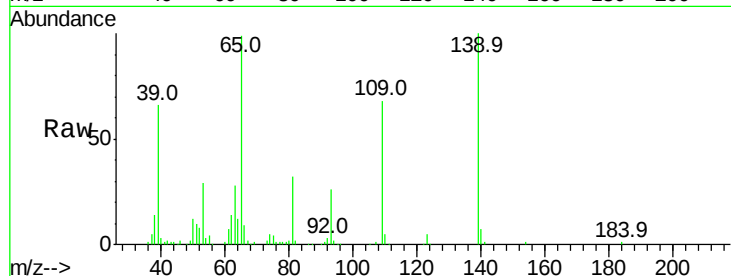




#55
4-Nitrophenol
Concen: 86.373 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

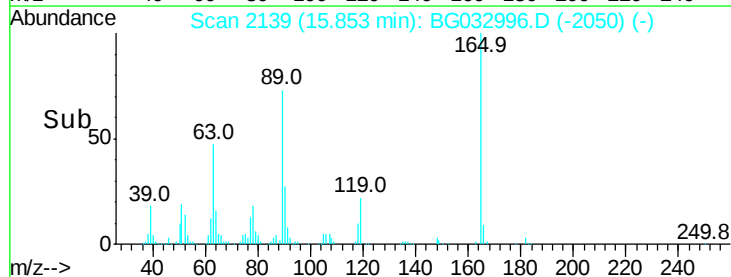
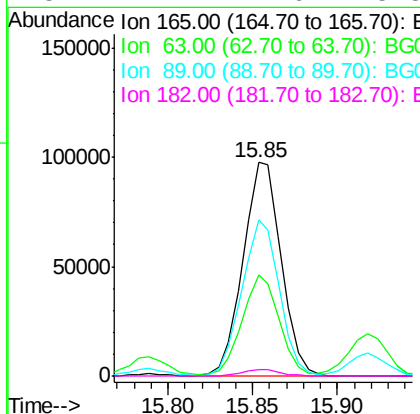
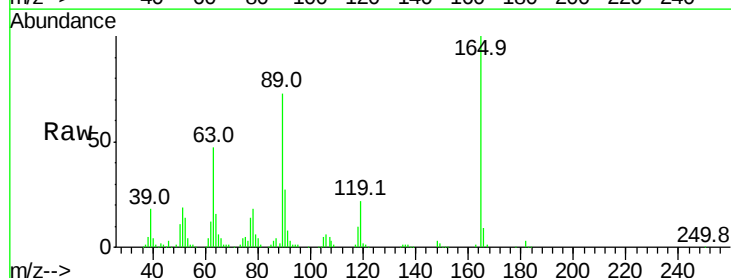
Instrument :
BNA_G
ClientSampled :

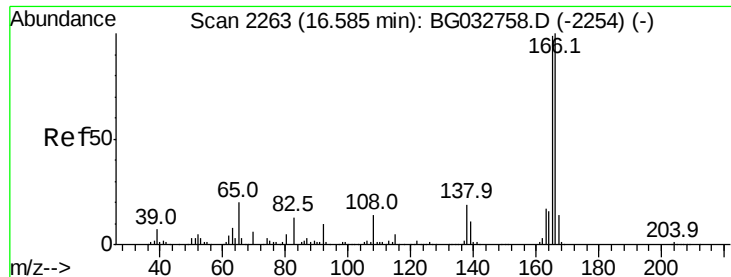
Tot Ion:139 Resp: 185772
Ion Ratio Lower Upper
139 100
109 68.2 62.2 102.2
65 99.2 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 57.491 ng
RT: 15.85 min Scan# 2139
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion:165 Resp: 152998
Ion Ratio Lower Upper
165 100
63 47.4 42.0 63.0
89 73.4 66.9 100.3
182 2.7 2.6 3.8

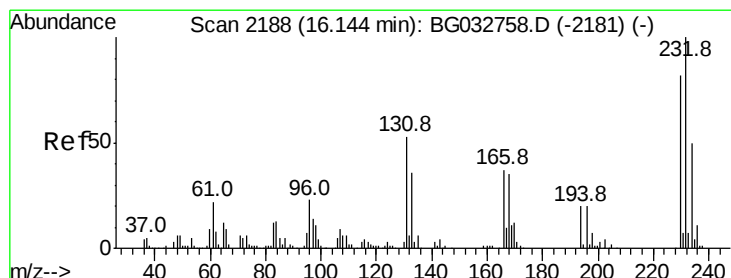
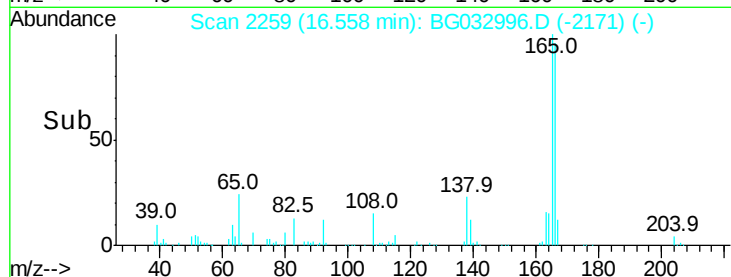
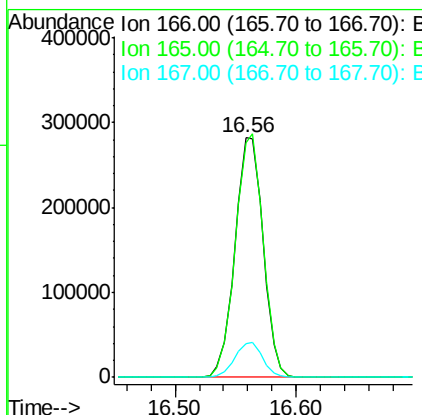
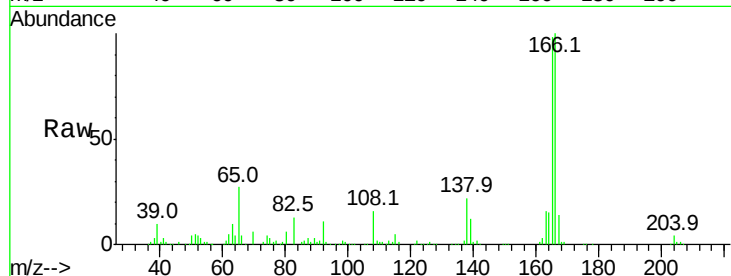




#57
 Fluorene
 Concen: 38.308 ng
 RT: 16.56 min Scan# 2259
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

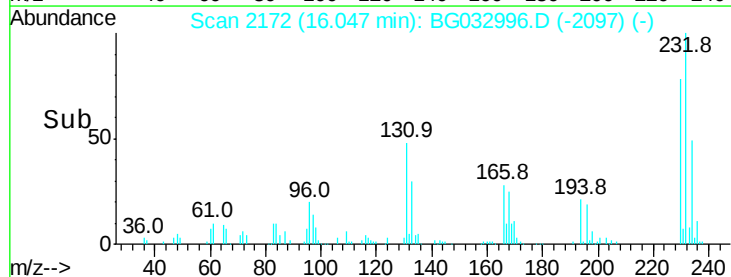
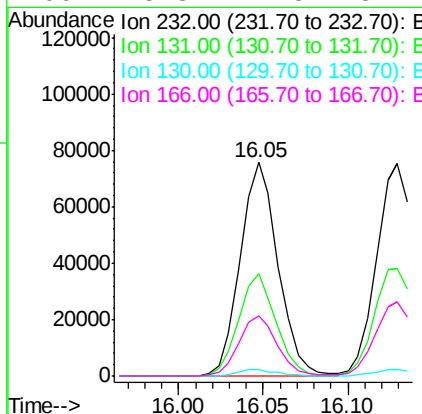
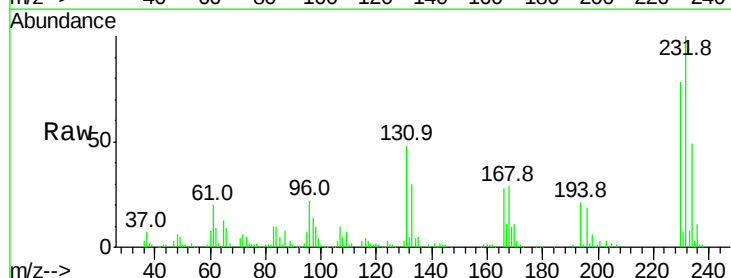
Instrument :
 BNA_G
 ClientSampleId :

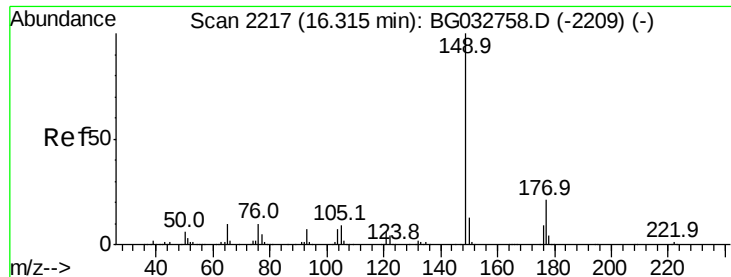
Tot Ion	Ratio	Lower	Upper
166	100		
165	97.9	80.6	121.0
167	14.2	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.614 ng
 RT: 16.05 min Scan# 2172
 Delta R.T. -0.09 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.1	33.5	50.3
130	3.0	2.2	3.2
166	28.3	24.8	37.2

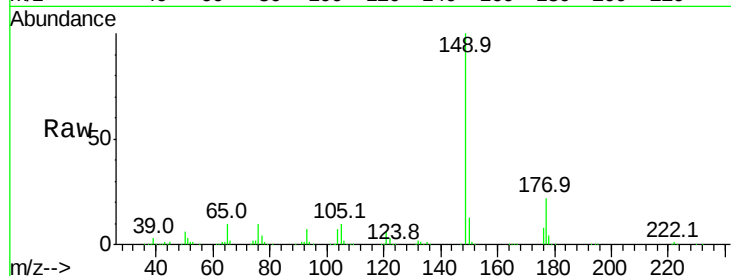




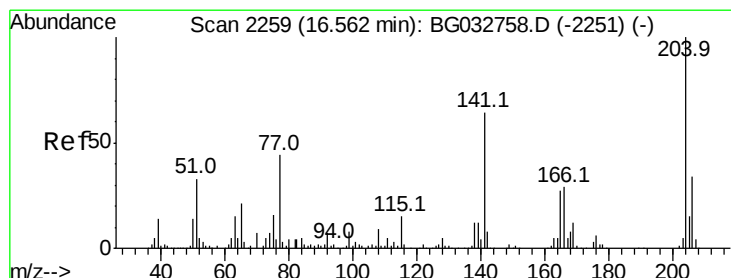
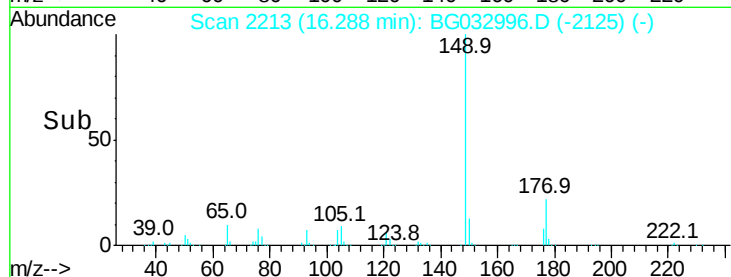
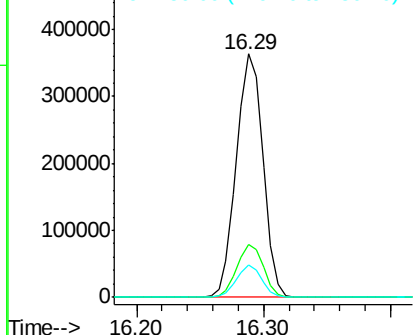
#59
Diethylphthalate
Concen: 38.397 ng
RT: 16.29 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 528132
Ion Ratio Lower Upper
149 100
177 21.8 18.5 27.7
150 13.2 10.2 15.2

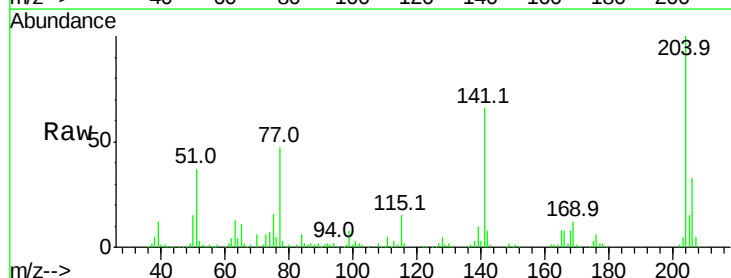


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

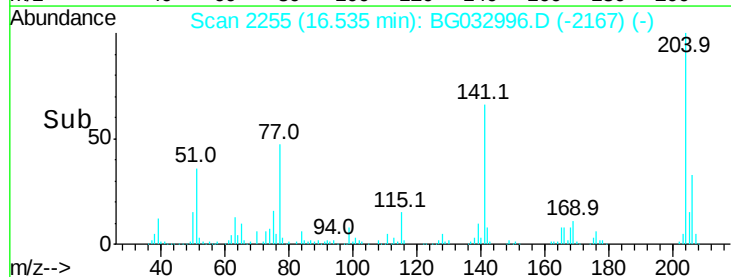
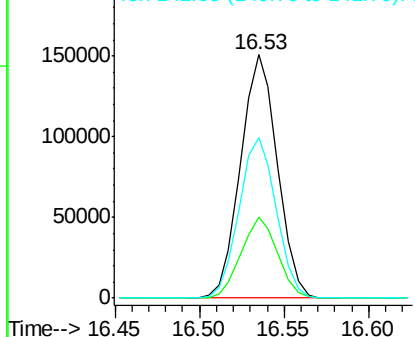


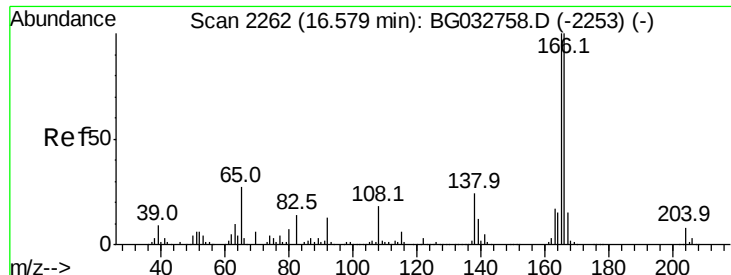
#60
4-Chlorophenyl-phenylether
Concen: 38.809 ng
RT: 16.53 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion:204 Resp: 228073
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 66.1 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

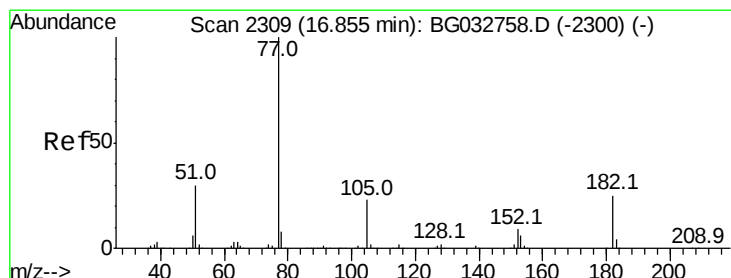
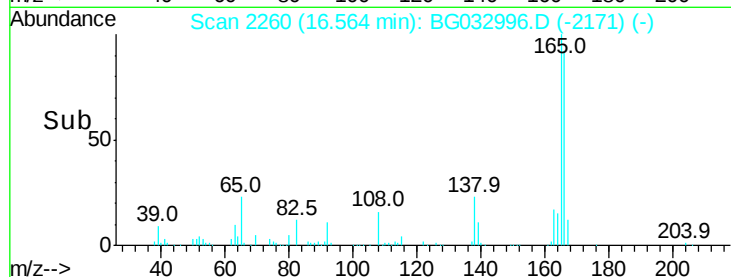
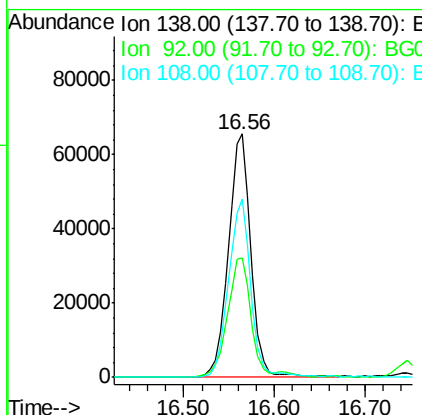
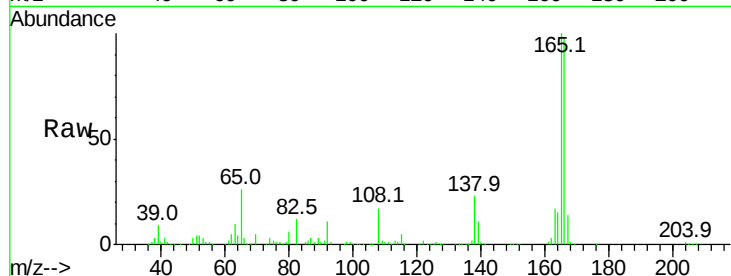




#61
4-Nitroaniline
Concen: 40.962 ng
RT: 16.56 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

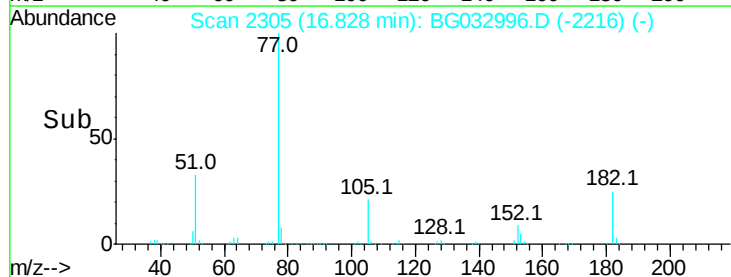
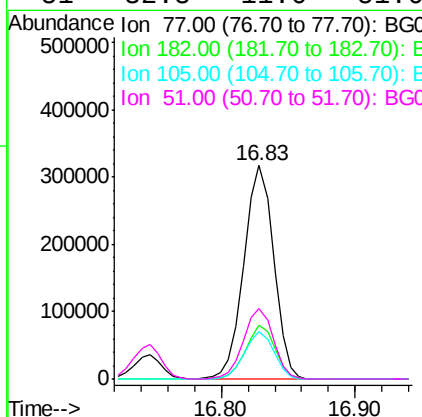
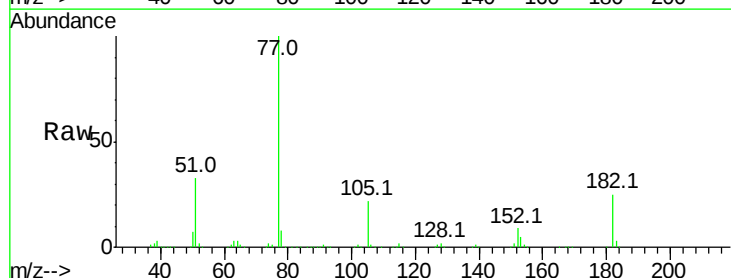
Instrument :
BNA_G
ClientSampled :

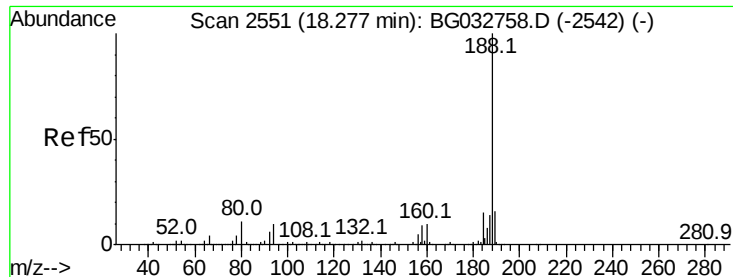
Tot Ion:138 Resp: 113176
Ion Ratio Lower Upper
138 100
92 49.0 40.1 80.1
108 73.3 65.4 105.4



#62
Azobenzene
Concen: 39.700 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion: 77 Resp: 488506
Ion Ratio Lower Upper
77 100
182 25.0 7.4 47.4
105 22.4 0.3 40.3
51 32.8 11.6 51.6

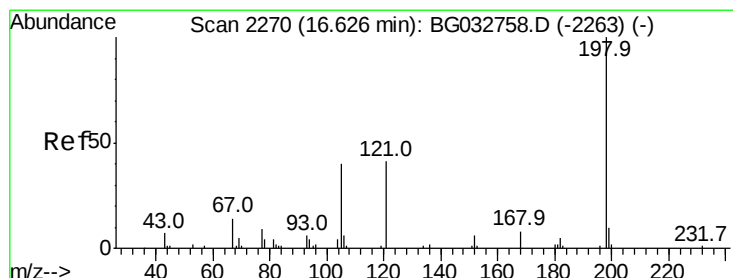
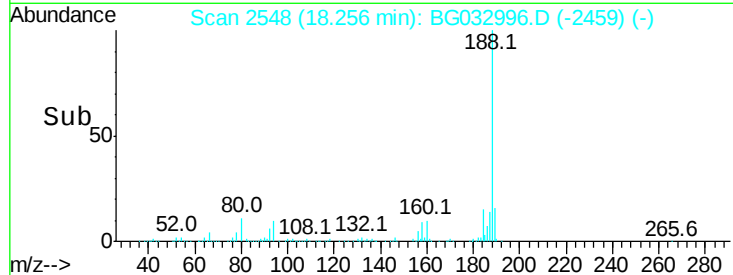
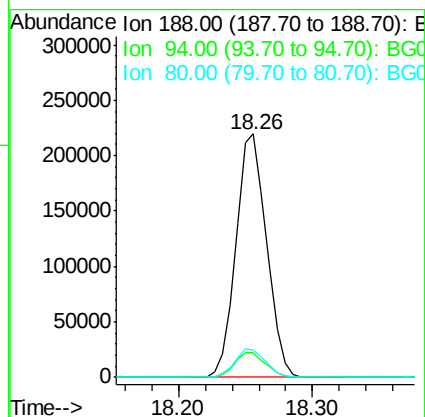
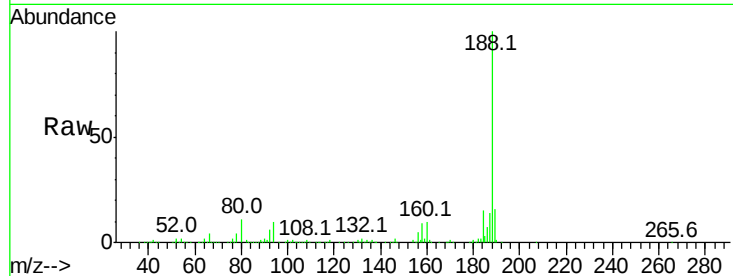




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.26 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

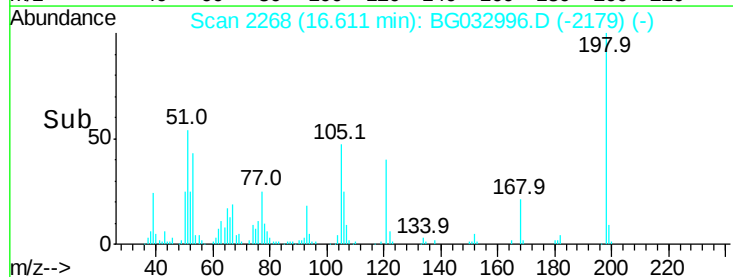
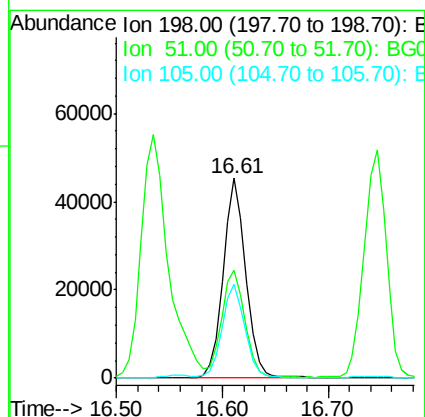
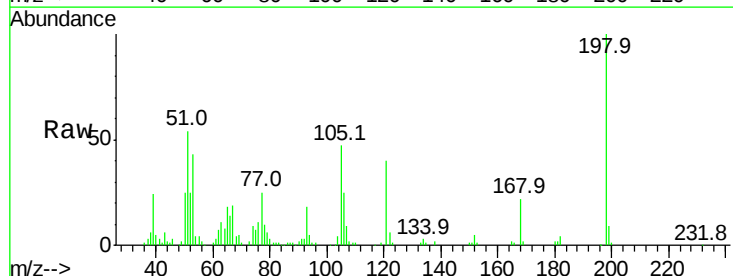
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 348475
 Ion Ratio Lower Upper
 188 100
 94 10.1 6.9 10.3
 80 11.3 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 60.178 ng
 RT: 16.61 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion:198 Resp: 67355
 Ion Ratio Lower Upper
 198 100
 51 53.8 30.6 70.6
 105 46.8 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 37.853 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

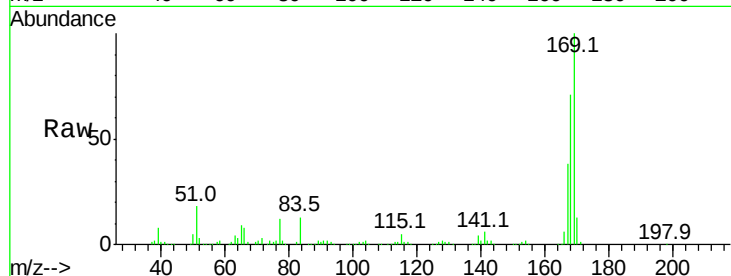
Tot Ion:169 Resp: 429113

Ion Ratio Lower Upper

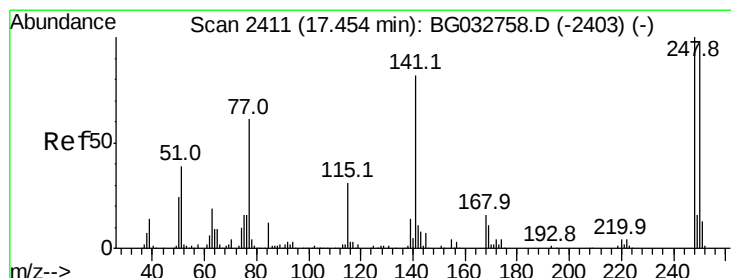
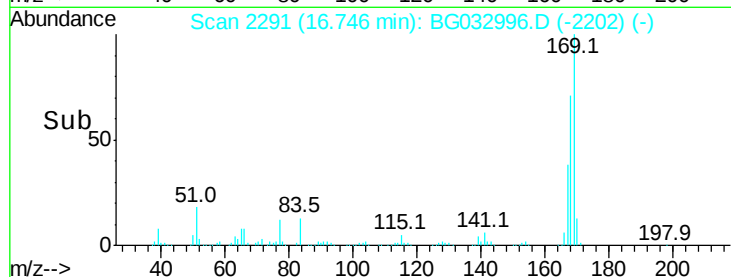
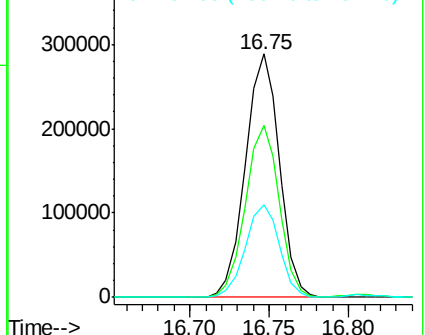
169 100

168 70.6 55.7 83.5

167 38.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.172 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

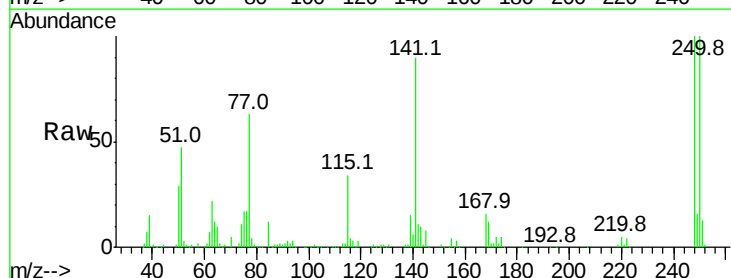
Tgt Ion:248 Resp: 136971

Ion Ratio Lower Upper

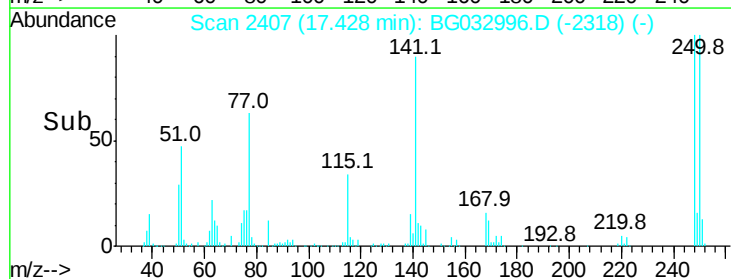
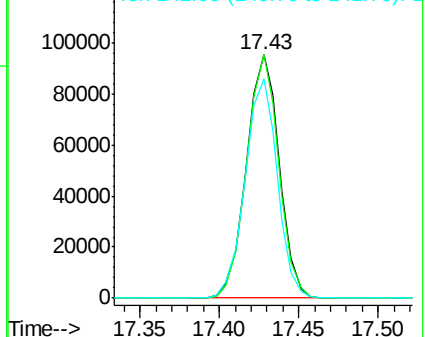
248 100

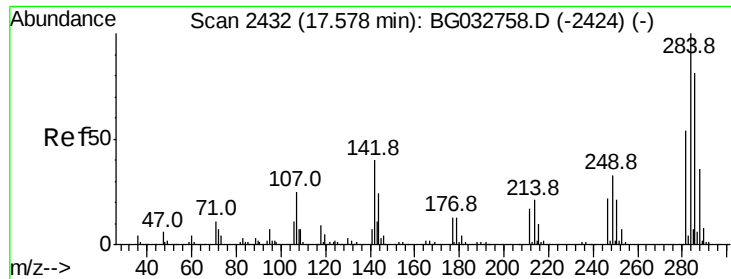
250 100.1 77.1 115.7

141 89.9 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: 35.529 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

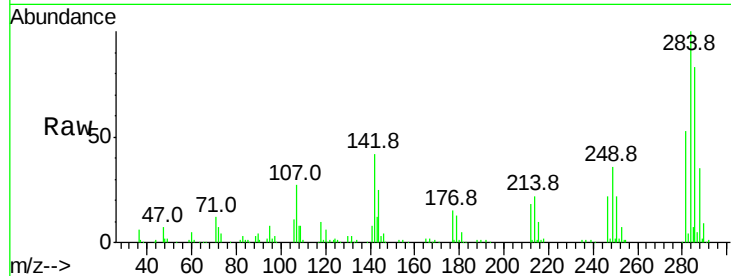
Tot Ion:284 Resp: 141474

Ion Ratio Lower Upper

284 100

142 42.2 26.8 40.2#

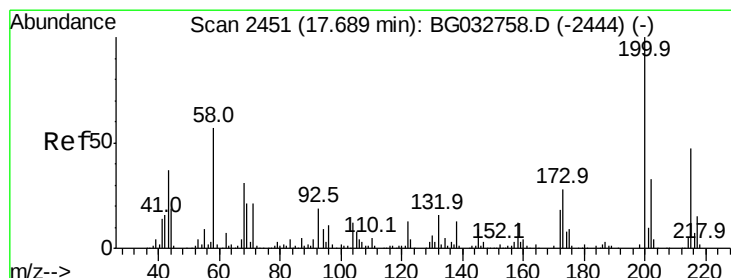
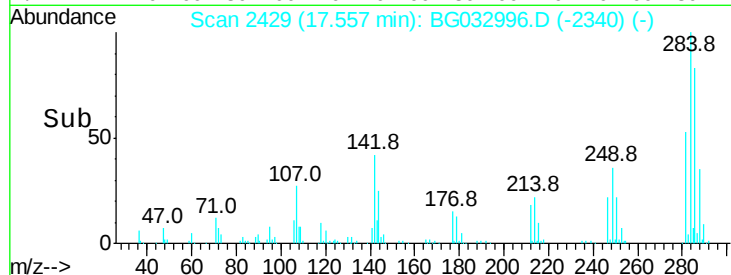
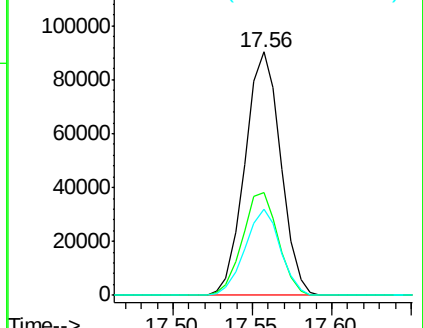
249 35.6 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.050 ng

RT: 17.66 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

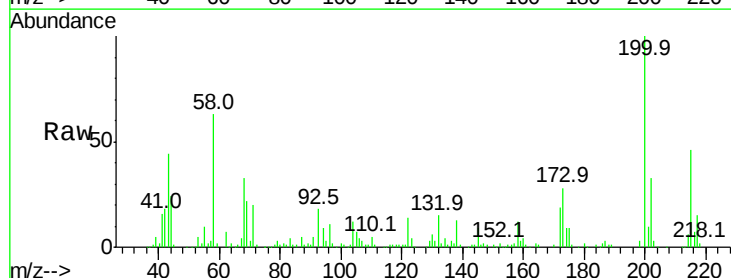
Tgt Ion:200 Resp: 149448

Ion Ratio Lower Upper

200 100

173 27.9 5.2 45.2

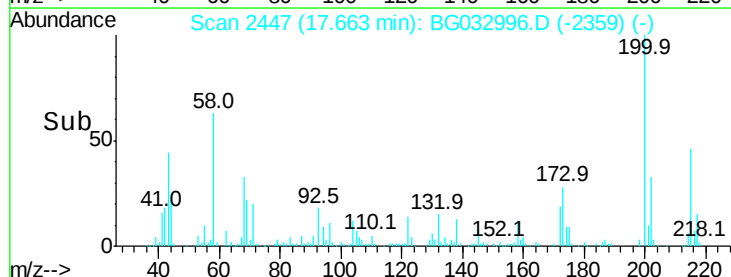
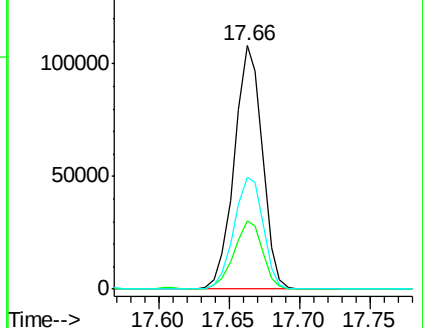
215 46.1 30.4 70.4

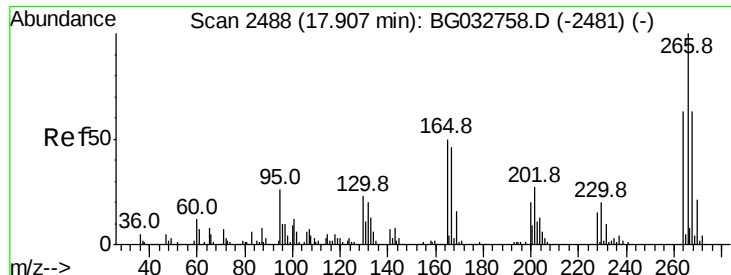


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

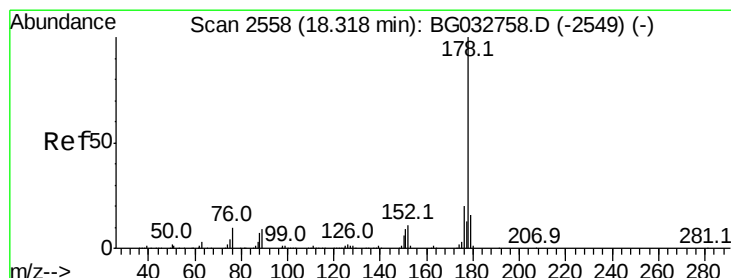
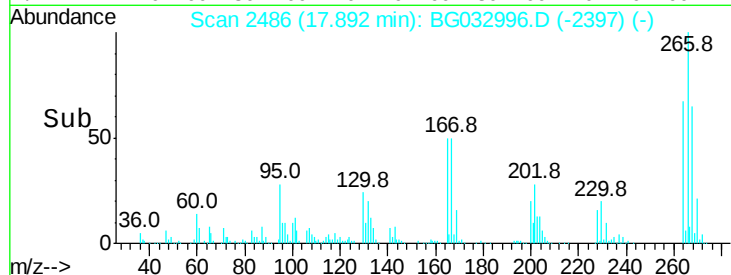
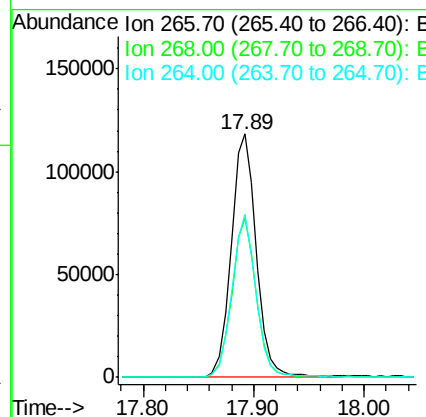
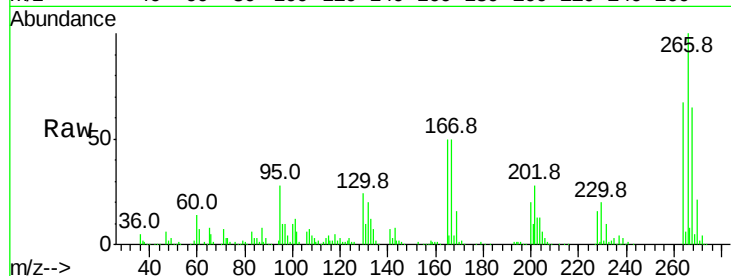




#69
 Pentachlorophenol
 Concen: 75.114 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

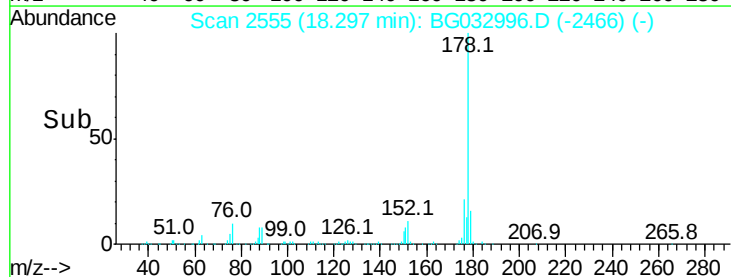
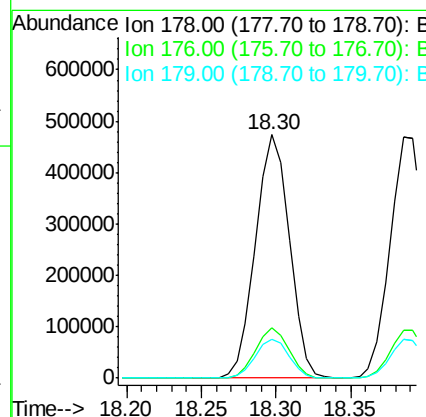
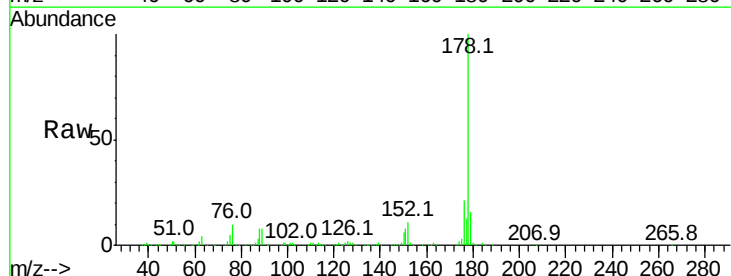
Instrument :
 BNA_G
 ClientSampleId :

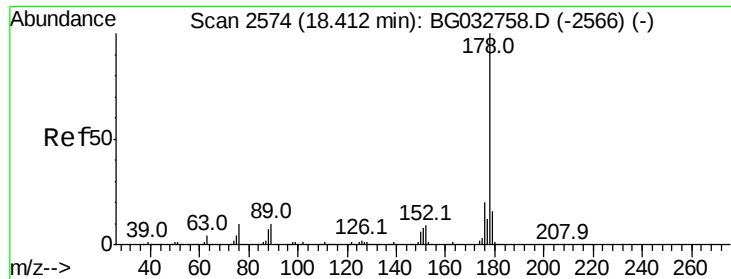
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.1	51.1	76.7
264	67.1	49.6	74.4



#70
 Phenanthrene
 Concen: 38.325 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.7	23.5
179	16.2	12.5	18.7

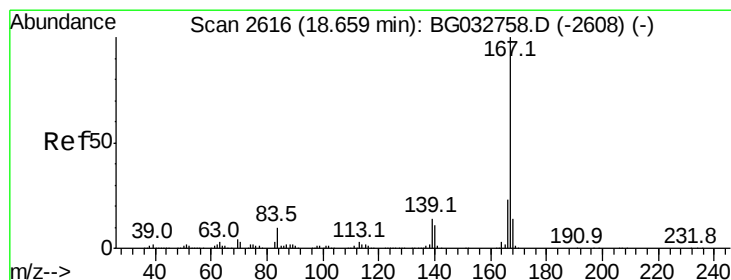
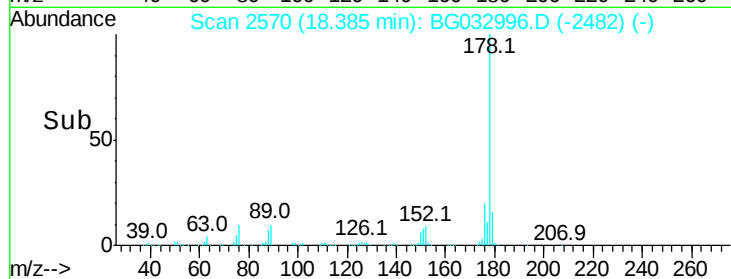
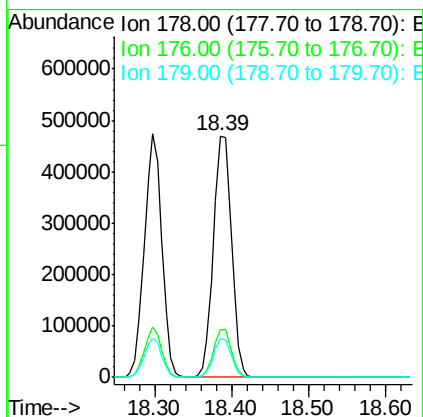
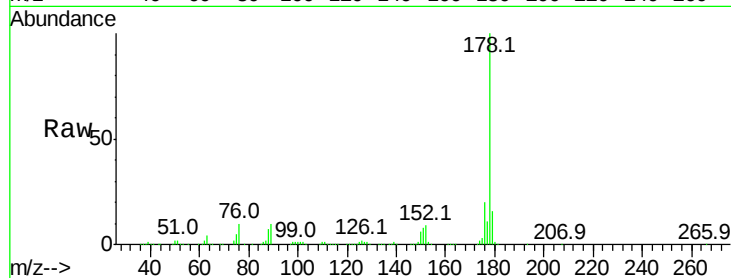




#71
 Anthracene
 Concen: 39.140 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

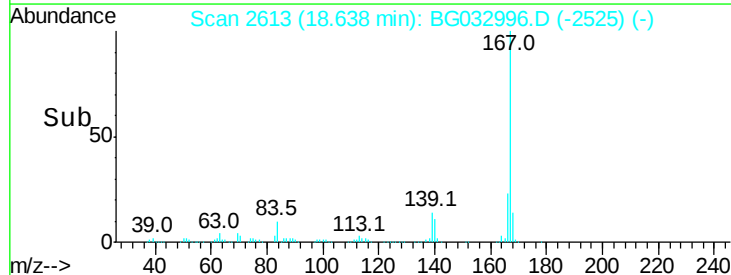
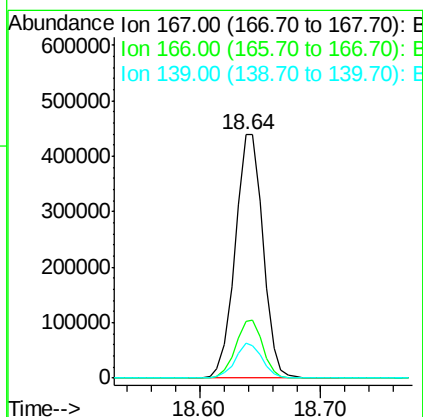
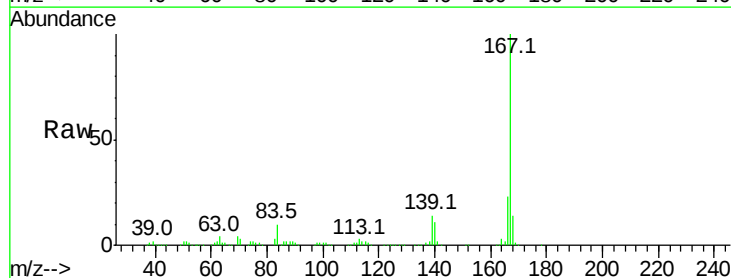
Instrument :
 BNA_G
 ClientSampleId :

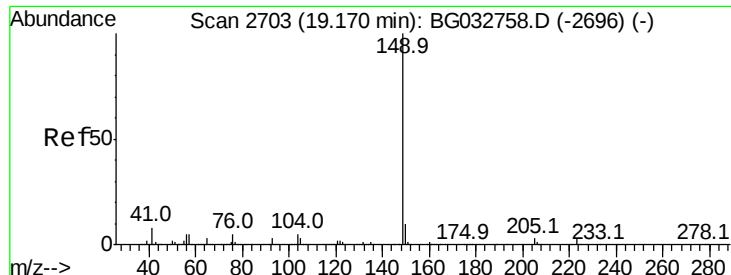
Tot Ion:178 Resp: 763948
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 15.8 12.5 18.7



#72
 Carbazole
 Concen: 36.643 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion:167 Resp: 704945
 Ion Ratio Lower Upper
 167 100
 166 23.4 18.2 27.4
 139 14.3 9.4 14.2#

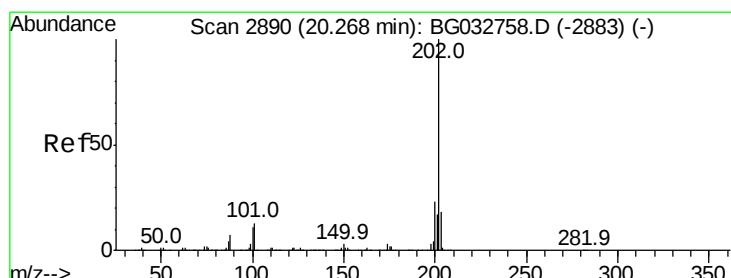
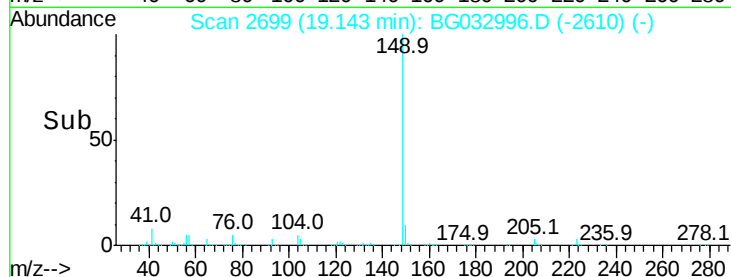
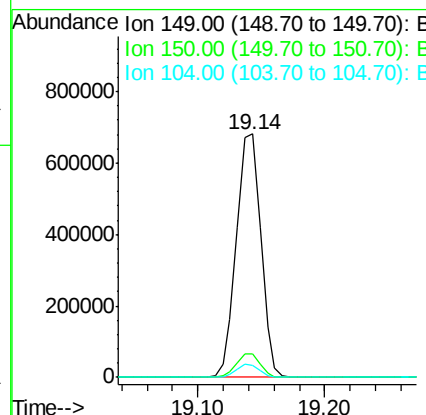
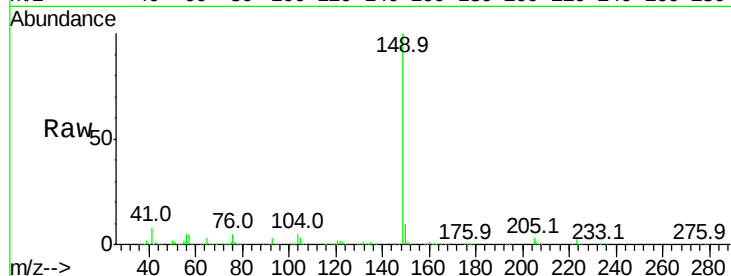




#73
Di-n-butylphthalate
Concen: 38.473 ng
RT: 19.14 min Scan# 2699
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

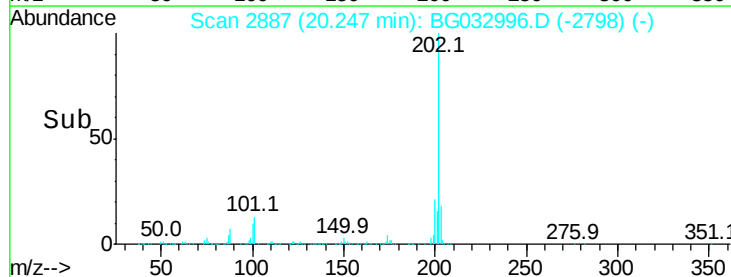
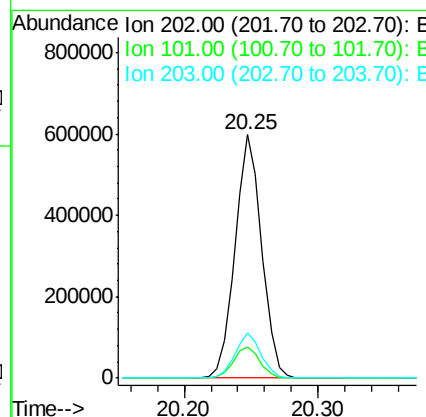
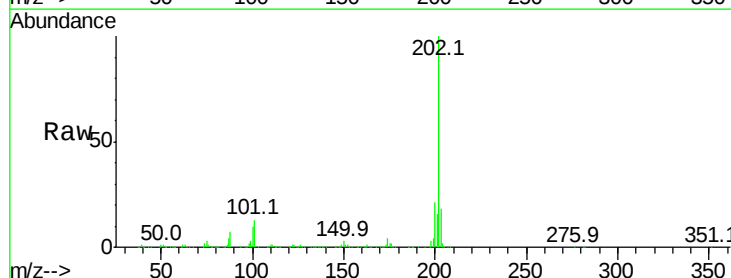
Instrument :
BNA_G
ClientSampleId :

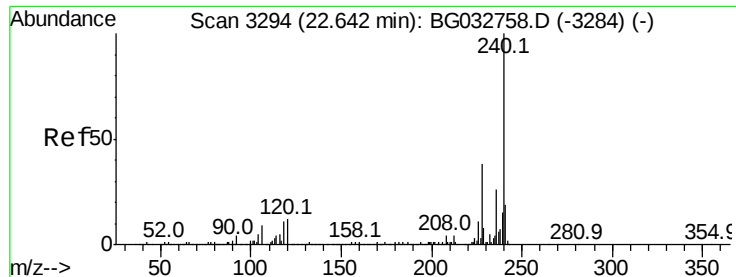
Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.0	3.9	5.9



#74
Fluoranthene
Concen: 38.487 ng
RT: 20.25 min Scan# 2887
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	28.9
203	18.4	0.0	37.5

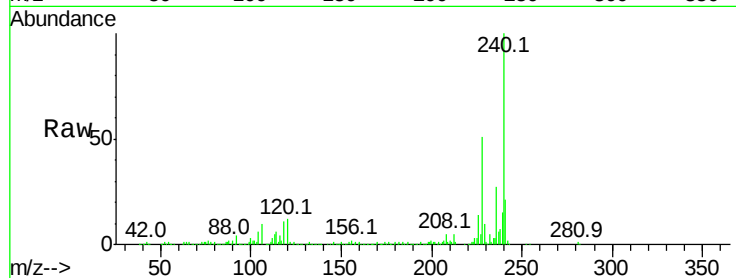




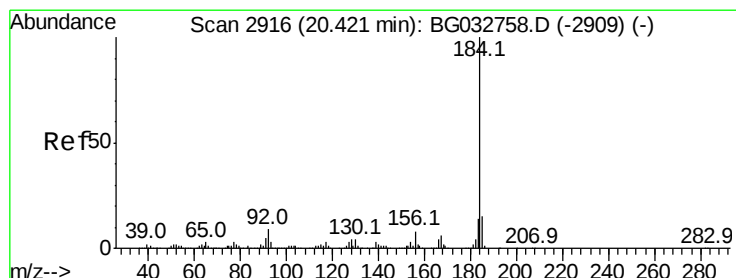
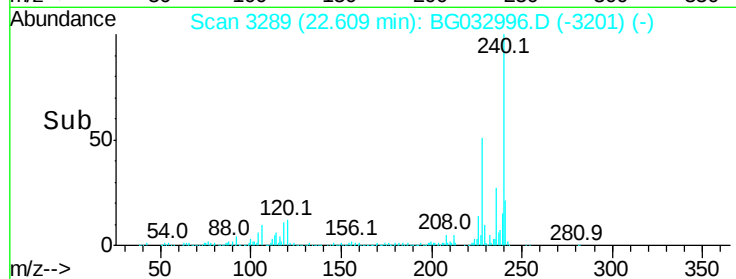
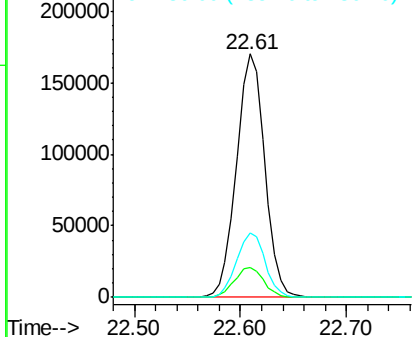
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Instrument :
BNA_G
ClientSampleId :

Tot Ion:240 Resp: 315165
Ion Ratio Lower Upper
240 100
120 12.4 6.8 10.2#
236 26.6 20.9 31.3

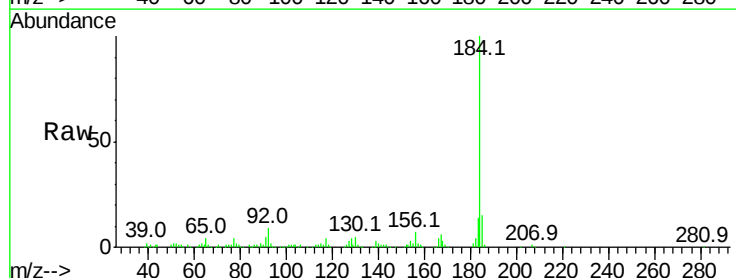


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

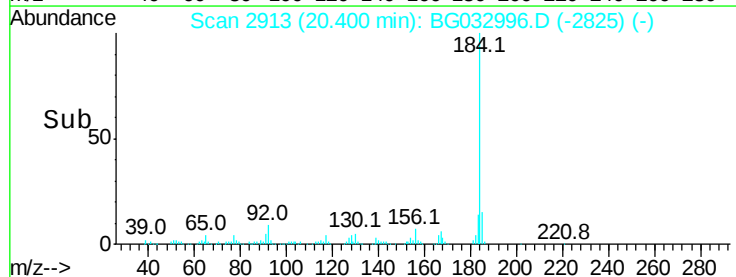
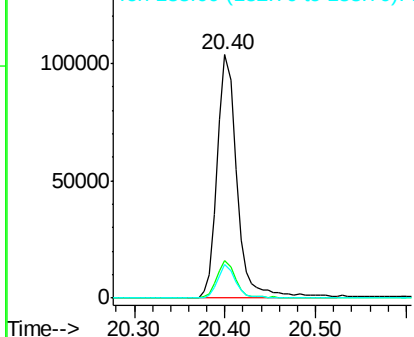


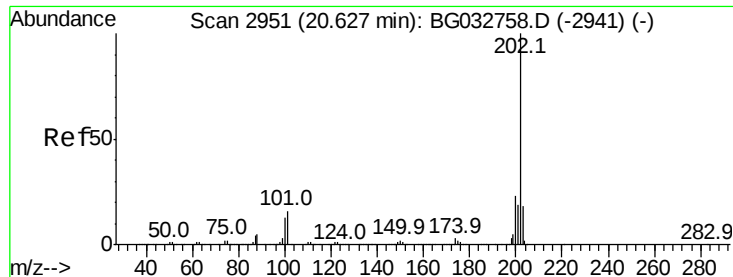
#76
Benzidine
Concen: 14.718 ng
RT: 20.40 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion:184 Resp: 158113
Ion Ratio Lower Upper
184 100
185 15.5 11.1 16.7
183 13.7 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: 37.496 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

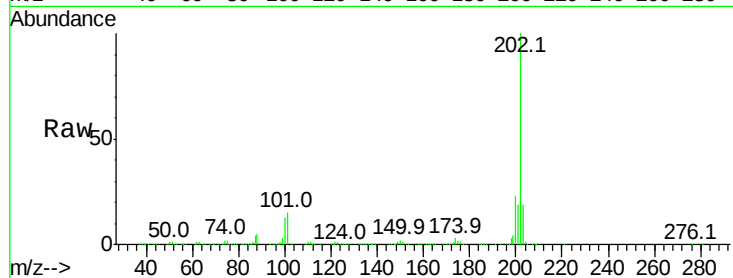
Tot Ion:202 Resp: 833373

Ion Ratio Lower Upper

202 100

200 22.5 16.9 25.3

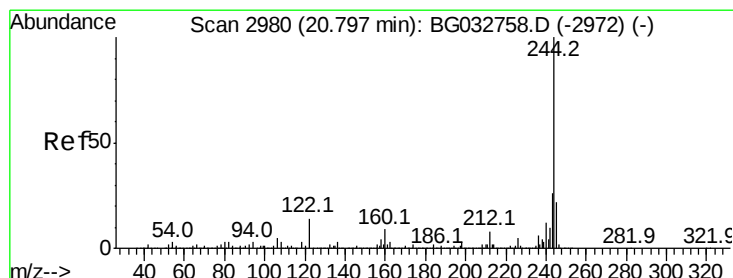
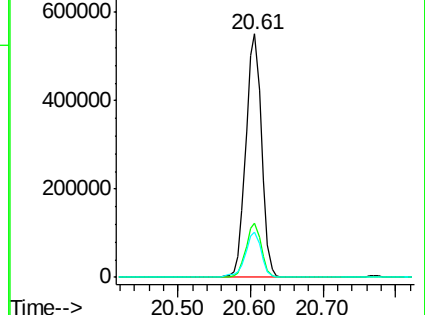
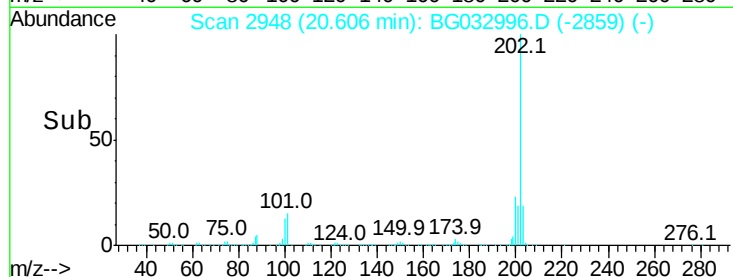
203 18.8 13.9 20.9



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: 85.273 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.01 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

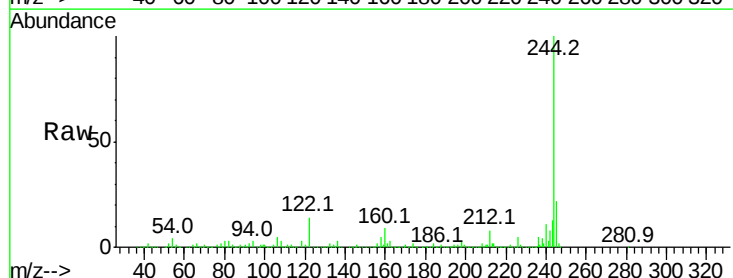
Tgt Ion:244 Resp: 1196187

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

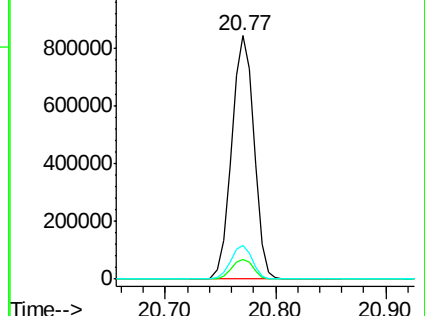
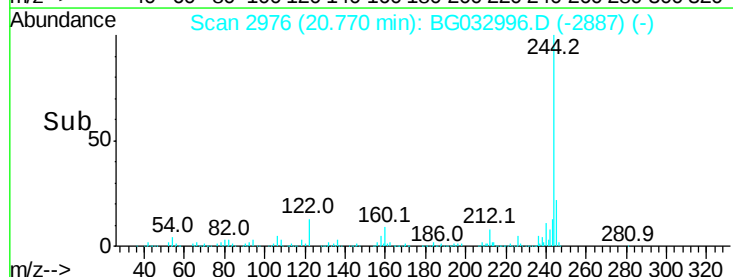
122 13.6 7.0 10.4#

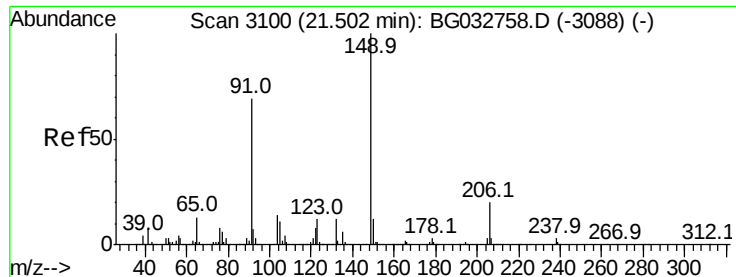


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

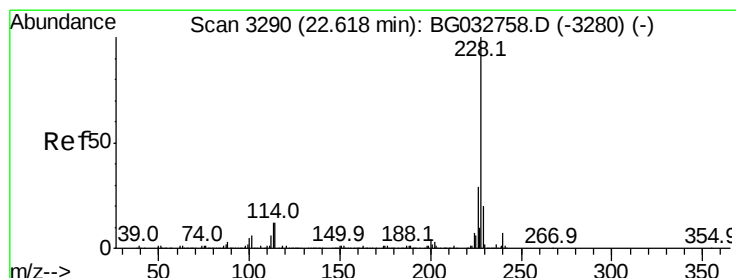
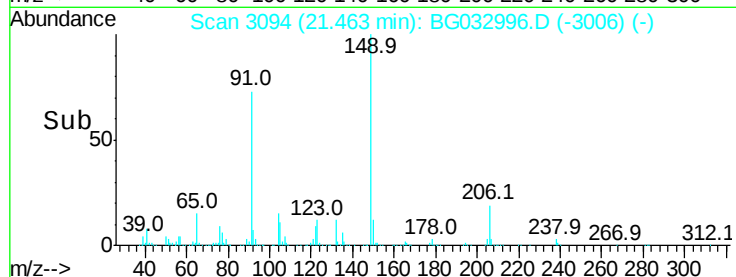
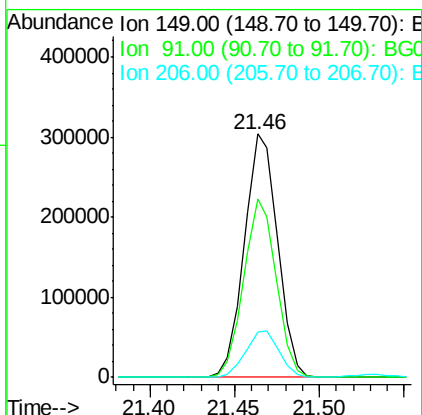
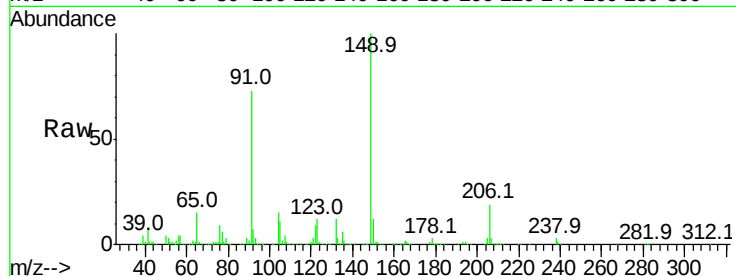




#79
Butylbenzylphthalate
Concen: 42.314 ng
RT: 21.46 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

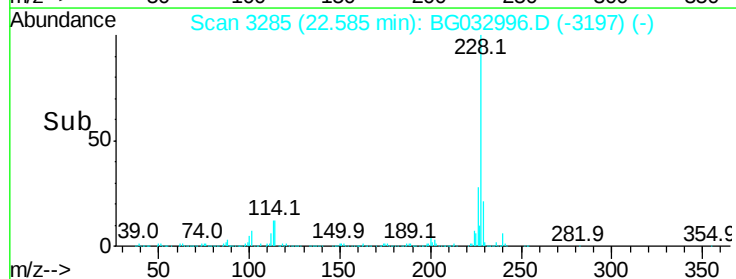
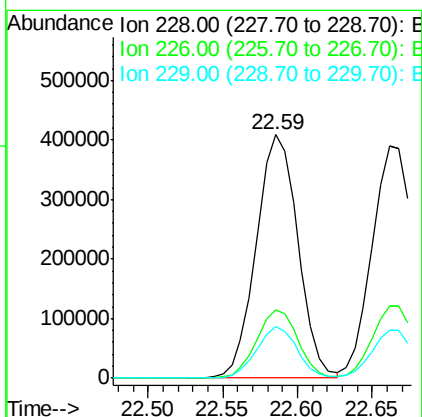
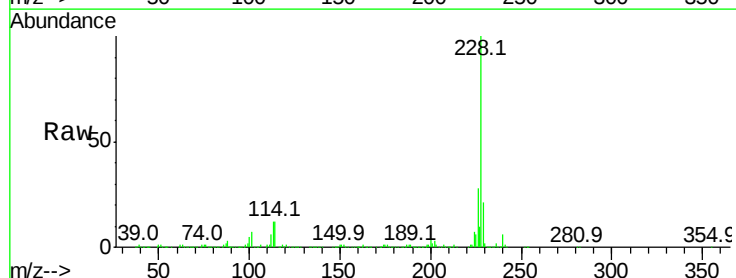
Instrument :
BNA_G
ClientSampleId :

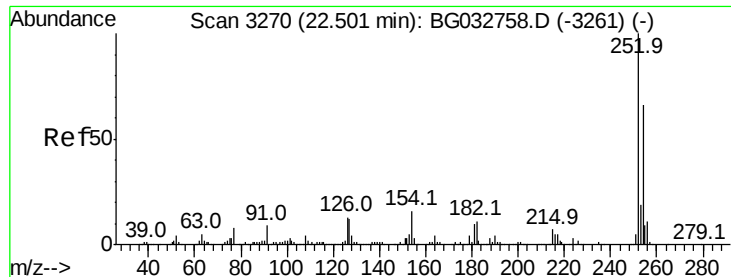
Tot Ion:149 Resp: 416966
Ion Ratio Lower Upper
149 100
91 73.1 62.2 93.2
206 18.8 18.6 27.8



#80
Benzo(a)anthracene
Concen: 39.162 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.01 min
Lab File: BG032996.D
Acq: 5 Mar 2018 19:06

Tgt Ion:228 Resp: 791463
Ion Ratio Lower Upper
228 100
226 28.2 22.7 34.1
229 21.1 16.2 24.2

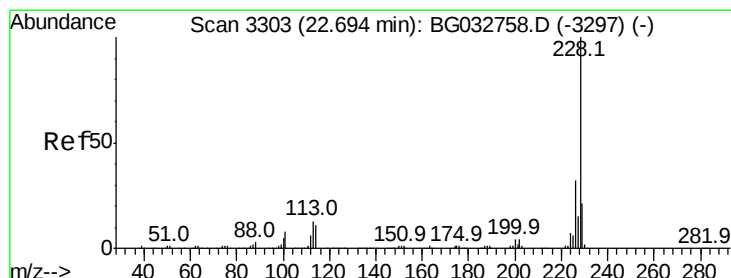
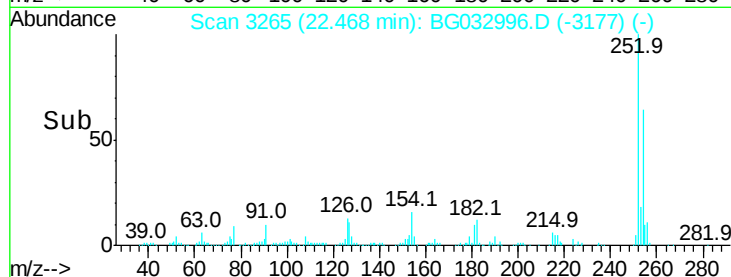
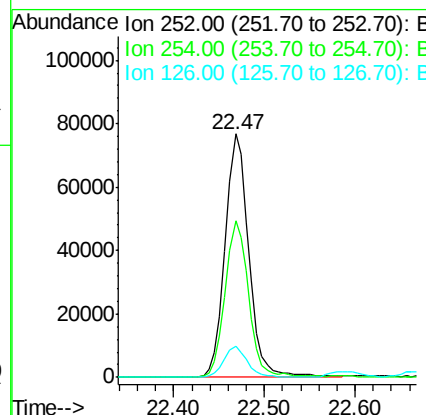
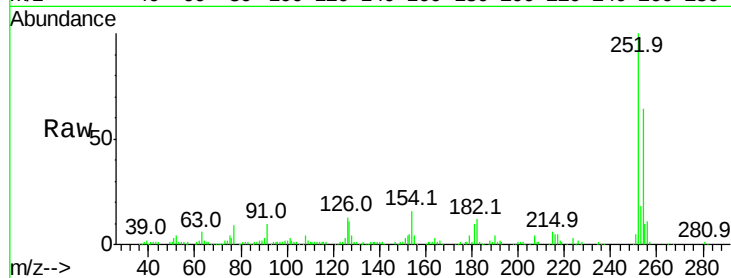




#81
 3,3'-Dichlorobenzidine
 Concen: 18.624 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

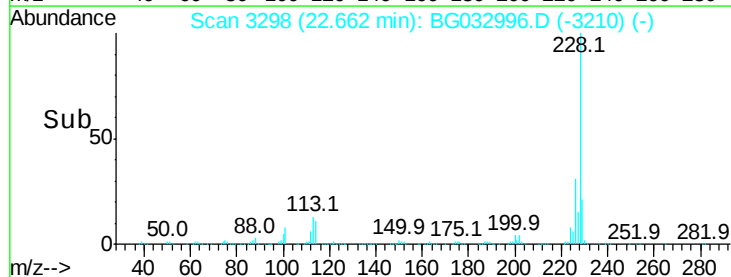
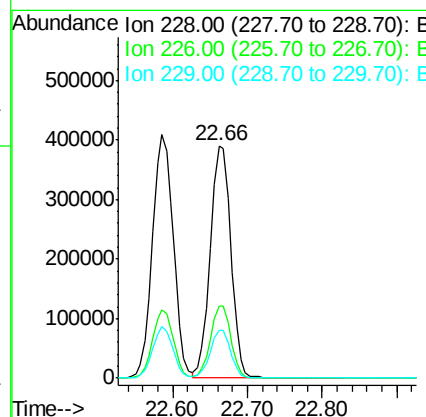
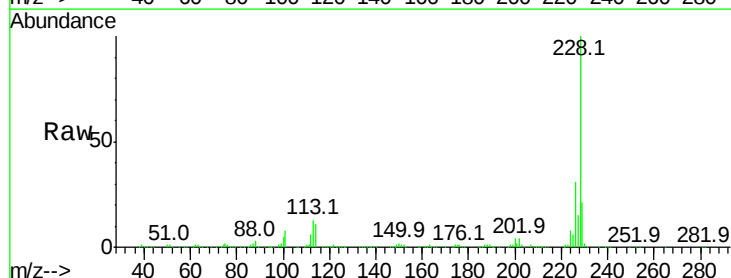
Instrument :
 BNA_G
 ClientSampled :

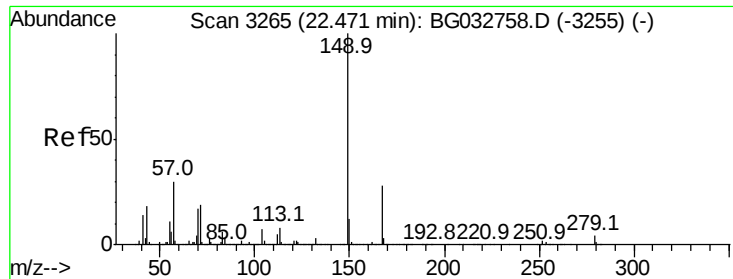
Tot Ion:252 Resp: 139403
 Ion Ratio Lower Upper
 252 100
 254 64.1 50.8 76.2
 126 12.8 7.4 11.2#



#82
 Chrysene
 Concen: 38.687 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. -0.01 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion:228 Resp: 746870
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 20.8 15.0 22.4

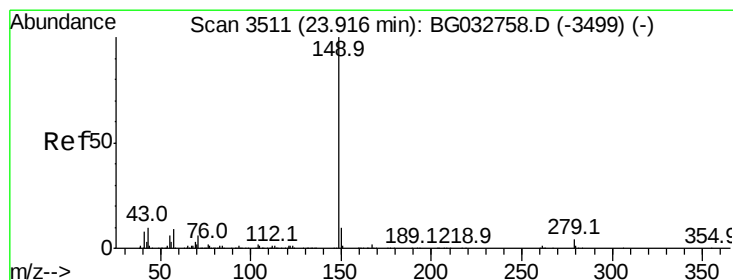
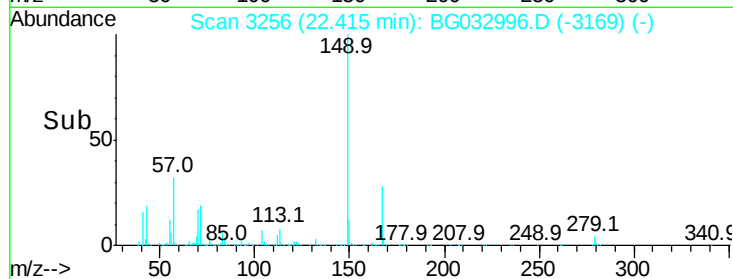
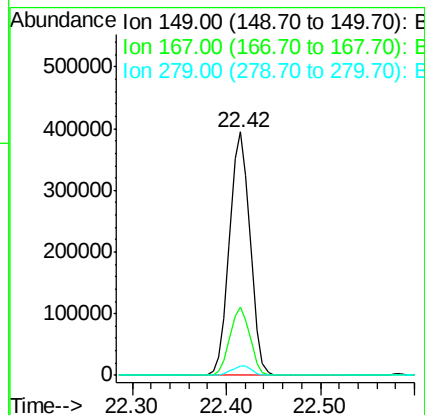
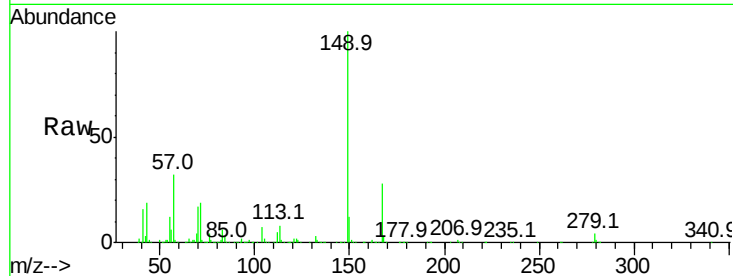




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.219 ng
 RT: 22.42 min Scan# 3256
 Delta R.T. -0.02 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

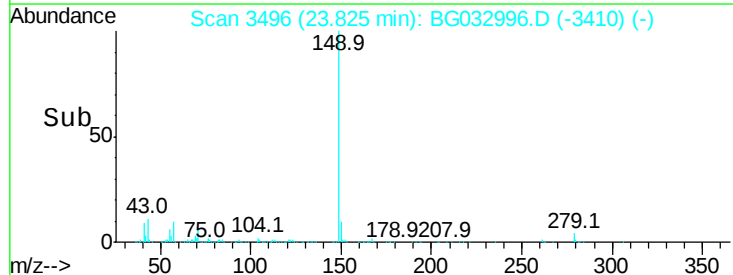
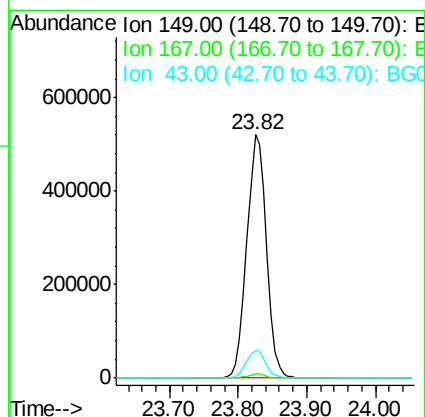
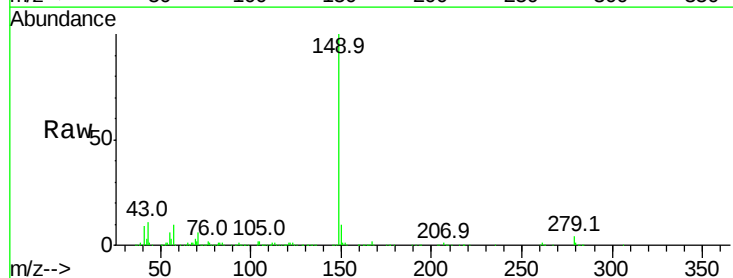
Instrument :
 BNA_G
 ClientSampleId :

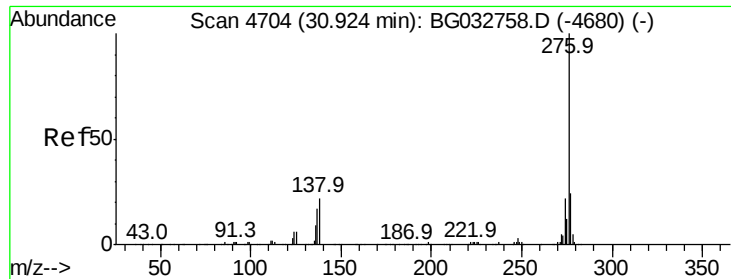
Tot Ion:149 Resp: 601230
 Ion Ratio Lower Upper
 149 100
 167 28.1 24.3 36.5
 279 4.1 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 46.516 ng
 RT: 23.82 min Scan# 3496
 Delta R.T. -0.02 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion:149 Resp: 1034209
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 11.3 8.9 13.3

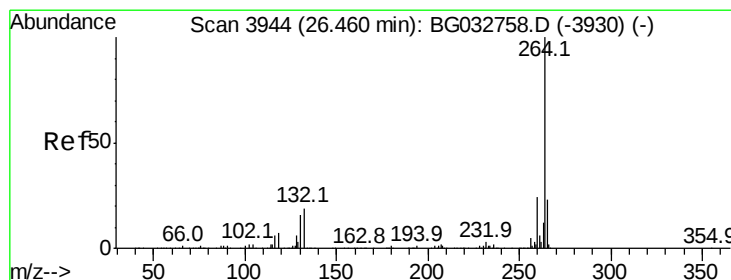
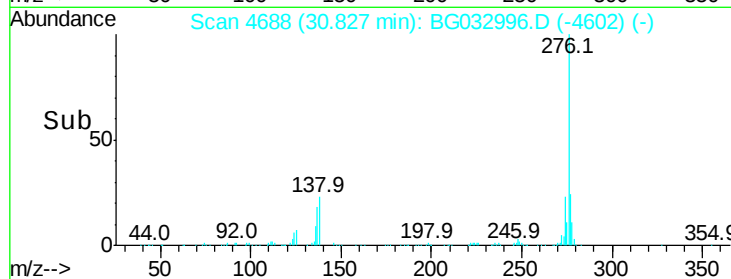
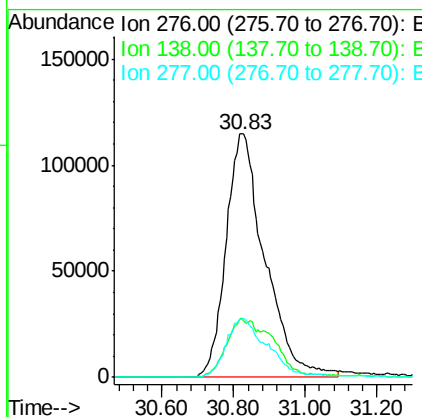
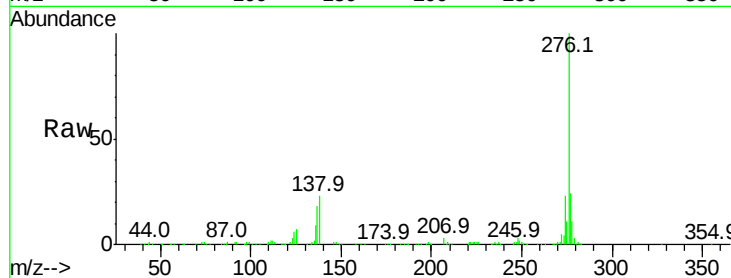




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.484 ng
 RT: 30.83 min Scan# 4688
 Delta R.T. -0.02 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

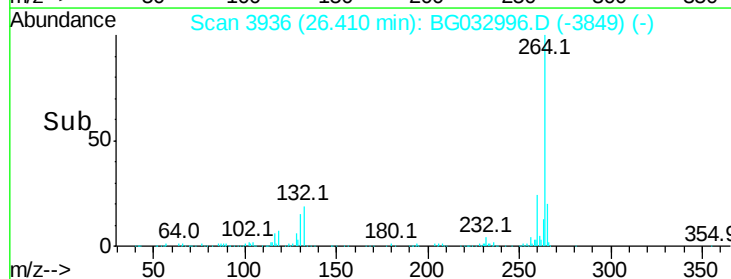
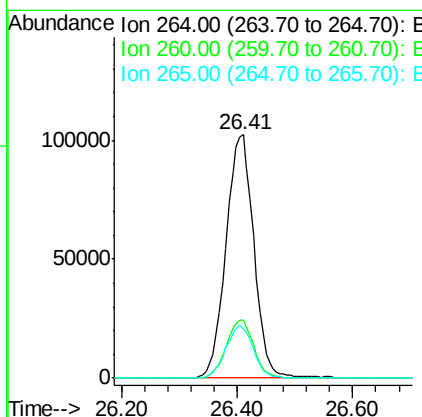
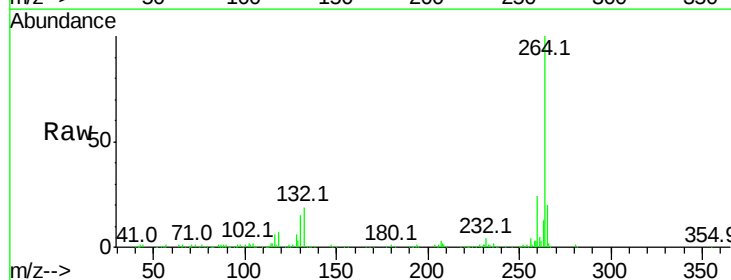
Instrument :
 BNA_G
 ClientSampleId :

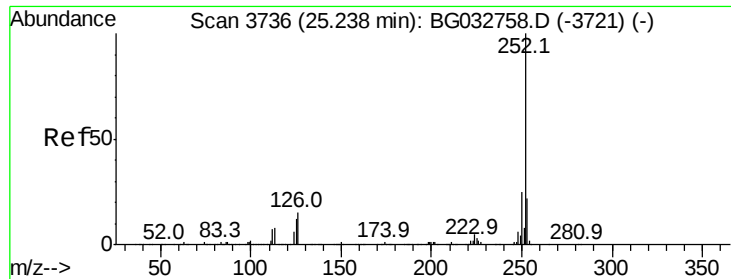
Tot Ion:276 Resp: 866462
 Ion Ratio Lower Upper
 276 100
 138 11.9 16.0 24.0#
 277 25.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3936
 Delta R.T. -0.02 min
 Lab File: BG032996.D
 Acq: 5 Mar 2018 19:06

Tgt Ion:264 Resp: 341875
 Ion Ratio Lower Upper
 264 100
 260 23.7 17.4 26.0
 265 20.2 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 38.881 ng

RT: 25.19 min Scan# 3728

Delta R.T. -0.02 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

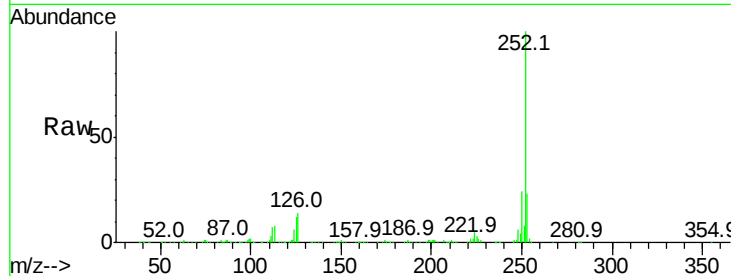
Tot Ion:252 Resp: 785932

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.4

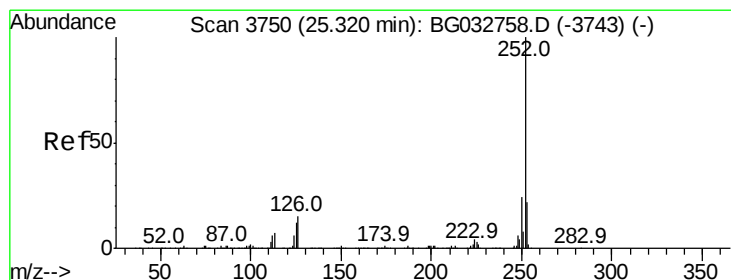
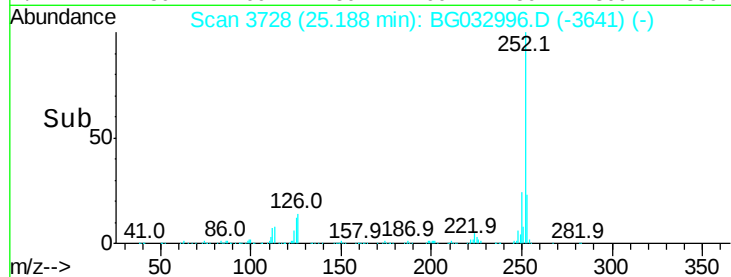
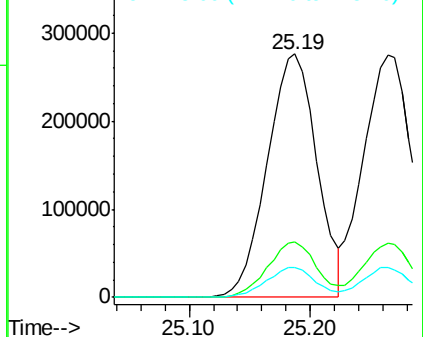
125 12.3 7.2 10.8#



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: 38.742 ng

RT: 25.26 min Scan# 3741

Delta R.T. -0.02 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

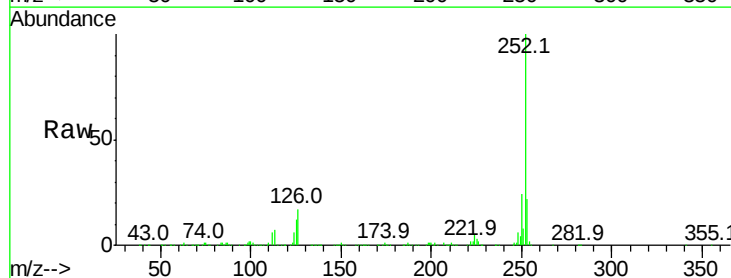
Tgt Ion:252 Resp: 778312

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

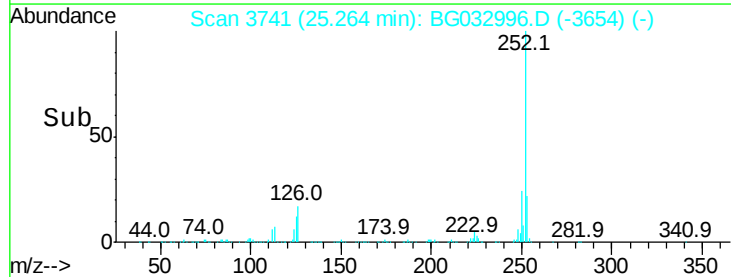
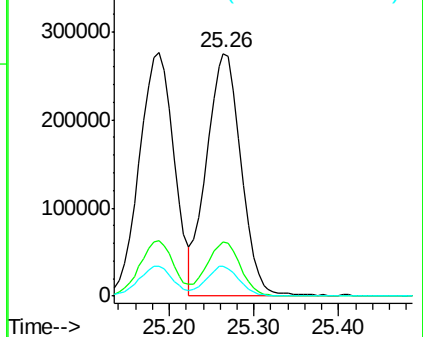
125 12.2 6.6 9.8#

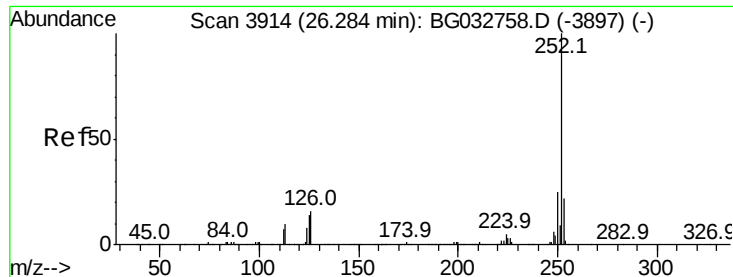


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.701 ng

RT: 26.23 min Scan# 3905

Delta R.T. -0.02 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

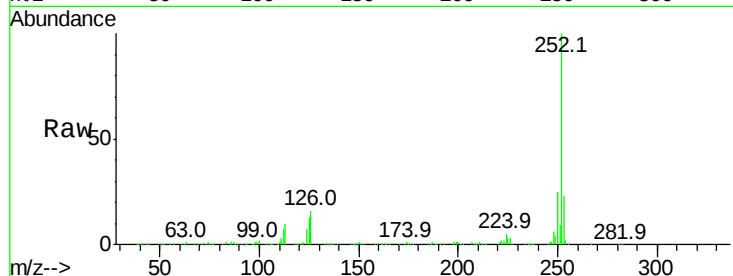
Tot Ion:252 Resp: 763296

Ion Ratio Lower Upper

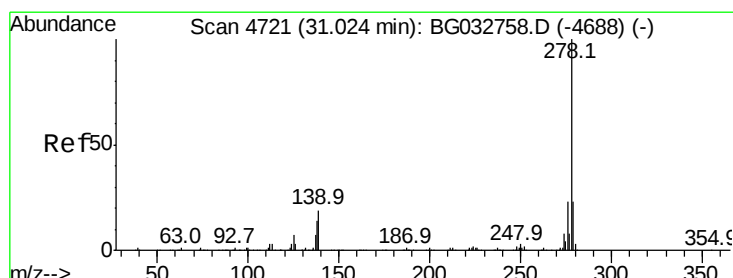
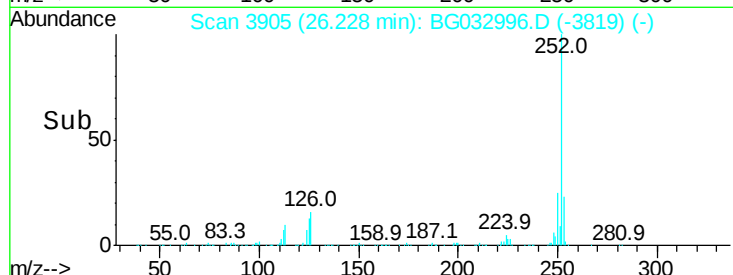
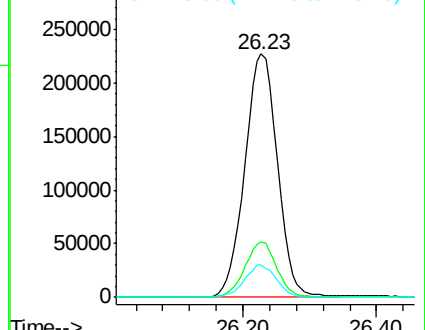
252 100

253 22.7 18.3 27.5

125 13.3 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: 37.312 ng

RT: 30.90 min Scan# 4701

Delta R.T. -0.03 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

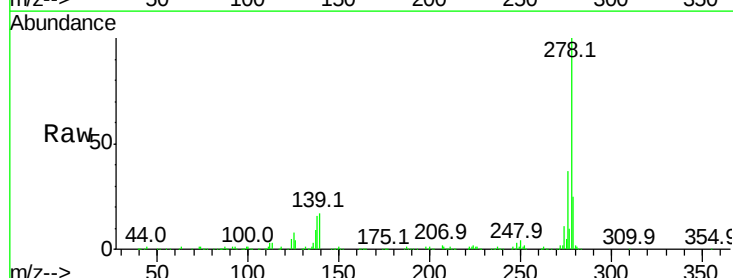
Tgt Ion:278 Resp: 722091

Ion Ratio Lower Upper

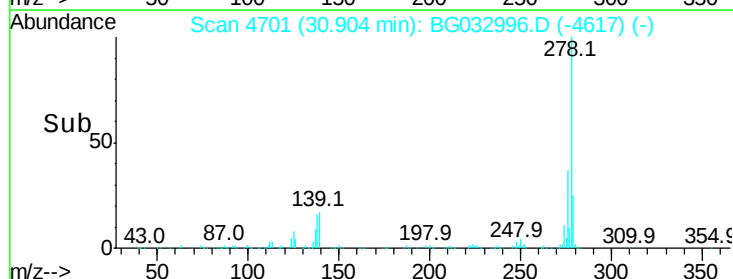
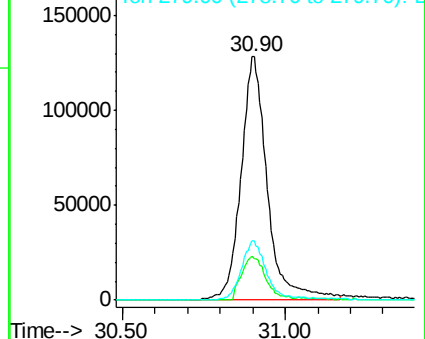
278 100

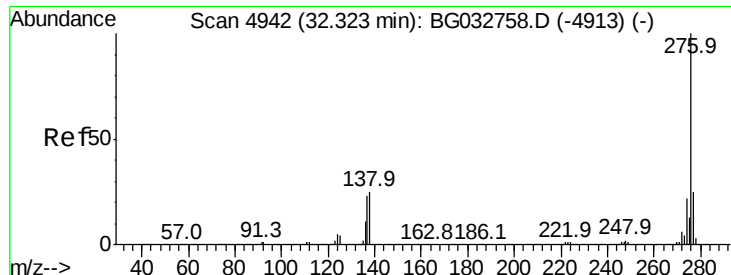
139 17.2 9.8 14.6#

279 24.5 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: 38.017 ng

RT: 32.21 min Scan# 4924

Delta R.T. -0.03 min

Lab File: BG032996.D

Acq: 5 Mar 2018 19:06

Instrument :

BNA_G

ClientSampleId :

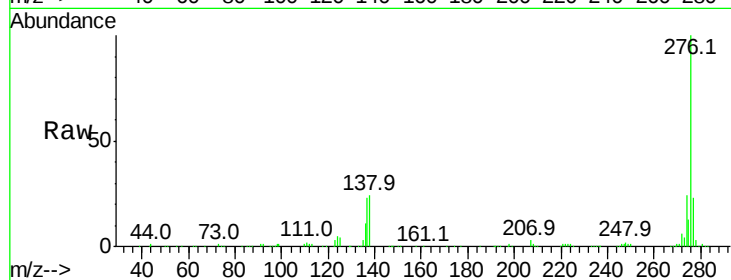
Tot Ion:276 Resp: 725261

Ion Ratio Lower Upper

276 100

277 22.7 18.3 27.5

138 24.5 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

