

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
 Data File : BG033073.D
 Acq On : 9 Mar 2018 15:36
 Operator : SJ/JU
 Sample : J1755-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 09 16:39:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	49381	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	224535	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	131767	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	295259	20.00	ng	0.00
75) Chrysene-d12	22.61	240	267663	20.00	ng	0.00
86) Perylene-d12	26.40	264	290568	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	423534	137.22	ng	0.00
7) Phenol-d6	8.01	99	530298	123.26	ng	0.00
23) Nitrobenzene-d5	10.11	82	376928	112.82	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	224424	161.98	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	797708	87.31	ng	0.00
78) Terphenyl-d14	20.77	244	1165765	97.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.97	88	52244	39.001	ng	# 93
3) Pyridine	4.43	79	124991	33.853	ng	95
4) n-Nitrosodimethylamine	4.33	42	86055	58.135	ng	# 81
6) Aniline	8.20	93	85122	14.617	ng	97
8) 2-Chlorophenol	8.46	128	160960	47.643	ng	96
9) Benzaldehyde	8.01	77	98075	39.553	ng	94
10) Phenol	8.04	94	187647	43.267	ng	98
11) bis(2-Chloroethyl)ether	8.29	93	150460	42.427	ng	95
12) 1,3-Dichlorobenzene	8.80	146	164619	41.601	ng	97
13) 1,4-Dichlorobenzene	8.95	146	165989	41.673	ng	96
14) 1,2-Dichlorobenzene	9.28	146	158217	41.452	ng	97
15) Benzyl Alcohol	9.15	79	151295	47.835	ng	95
16) 2,2'-oxybis(1-Chloropropan	9.43	45	299770	49.171	ng	99
17) 2-Methylphenol	9.34	107	138878	43.426	ng	97
18) Hexachloroethane	10.04	117	59941	44.199	ng	# 86
19) n-Nitroso-di-n-propylamine	9.72	70	130405	42.934	ng	# 90
20) 3+4-Methylphenols	9.67	107	193207	43.450	ng	95
22) Acetophenone	9.76	105	236482	41.703	ng	# 98
24) Nitrobenzene	10.16	77	184782	51.125	ng	93
25) Isophorone	10.68	82	355939	45.164	ng	96
26) 2-Nitrophenol	10.88	139	87961	62.680	ng	97
27) 2,4-Dimethylphenol	10.91	122	171670	50.143	ng	93
28) bis(2-Chloroethoxy)methane	11.15	93	207977	45.299	ng	97
29) 2,4-Dichlorophenol	11.42	162	155653	50.093	ng	96
30) 1,2,4-Trichlorobenzene	11.65	180	152494	41.867	ng	98
31) Naphthalene	11.85	128	506412	43.162	ng	99
32) Benzoic acid	11.02	122	95437	45.743	ng	90
33) 4-Chloroaniline	11.94	127	50035	9.538	ng	94
34) Hexachlorobutadiene	12.11	225	85172	41.688	ng	98
35) Caprolactam	12.68	113	49662	39.915	ng	98
36) 4-Chloro-3-methylphenol	13.00	107	188877	52.234	ng	93
37) 2-Methylnaphthalene	13.40	142	372671	43.903	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	162397	41.517	ng	# 97
40) Hexachlorocyclopentadiene	13.72	237	195907	98.275	ng	91

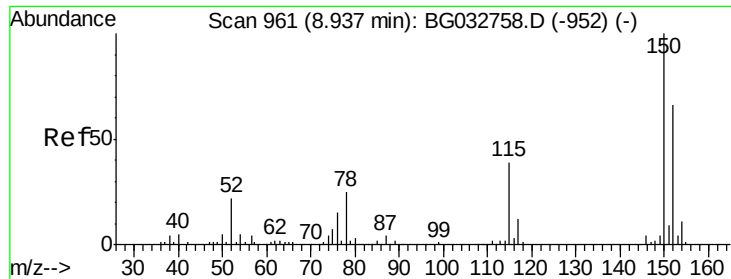
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG030918\
 Data File : BG033073.D
 Acq On : 9 Mar 2018 15:36
 Operator : SJ/JU
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Quant Time: Mar 09 16:39:13 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	122780	49.774	nq	97
43) 2,4,5-Trichlorophenol	14.04	196	136339	47.755	nq #	94
45) 1,1'-Biphenyl	14.37	154	466067	40.477	nq	96
46) 2-Chloronaphthalene	14.43	162	359676	41.817	nq	96
47) 2-Nitroaniline	14.61	65	135129	59.366	nq	94
48) Acenaphthylene	15.26	152	595451	42.284	nq	99
49) Dimethylphthalate	14.95	163	477865	42.711	nq	99
50) 2,6-Dinitrotoluene	15.08	165	107535	56.203	nq	94
51) Acenaphthene	15.59	154	406392	46.338	nq	99
52) 3-Nitroaniline	15.41	138	43923	23.703	nq #	87
53) 2,4-Dinitrophenol	15.61	184	85540	121.949	nq #	62
54) Dibenzofuran	15.92	168	556731	44.583	nq	94
55) 4-Nitrophenol	15.68	139	150884	82.145	nq	91
56) 2,4-Dinitrotoluene	15.85	165	151167	63.858	nq #	89
57) Fluorene	16.56	166	450724	43.731	nq	100
58) 2,3,4,6-Tetrachlorophenol	16.05	232	114573	51.689	nq	95
59) Diethylphthalate	16.29	149	514487	43.598	nq	98
60) 4-Chlorophenyl-phenylether	16.54	204	224052	44.437	nq	93
61) 4-Nitroaniline	16.56	138	100226	42.111	nq	87
62) Azobenzene	16.83	77	476028	45.091	nq	96
64) 4,6-Dinitro-2-methylphenol	16.61	198	65458	66.105	nq	94
65) n-Nitrosodiphenylamine	16.75	169	411438	42.835	nq	98
66) 4-Bromophenyl-phenylether	17.43	248	137696	44.104	nq #	88
67) Hexachlorobenzene	17.56	284	145556	43.142	nq	94
68) Atrazine	17.66	200	143508	45.390	nq	96
69) Pentachlorophenol	17.89	266	182628	85.937	nq	100
70) Phenanthrene	18.30	178	714946	43.402	nq	98
71) Anthracene	18.39	178	736323	44.524	nq	98
72) Carbazole	18.64	167	670815	41.153	nq #	97
73) Di-n-butylphthalate	19.14	149	849128	42.462	nq	99
74) Fluoranthene	20.25	202	798026	43.857	nq	96
76) Benzidine	20.40	184	157092	17.218	nq	99
77) Pyrene	20.61	202	798716	42.315	nq	98
79) Butylbenzylphthalate	21.46	149	394261	47.110	nq	93
80) Benzo(a)anthracene	22.59	228	768322	44.764	nq	99
81) 3,3'-Dichlorobenzidine	22.47	252	94617	14.884	nq #	97
82) Chrysene	22.66	228	719524	43.885	nq	98
83) Bis(2-ethylhexyl)phthalate	22.41	149	563061	45.453	nq	94
84) Di-n-octyl phthalate	23.83	149	970761	51.412	nq	98
85) Indeno(1,2,3-cd)pyrene	30.83	276	777004	40.635	nq #	94
87) Benzo(b)fluoranthene	25.19	252	762062	44.356	nq	98
88) Benzo(k)fluoranthene	25.26	252	765362	44.825	nq #	97
89) Benzo(a)pyrene	26.23	252	744690	45.572	nq #	97
90) Dibenzo(a,h)anthracene	30.90	278	623430	37.903	nq #	94
91) Benzo(g,h,i)perylene	32.21	276	678397	41.840	nq #	95

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

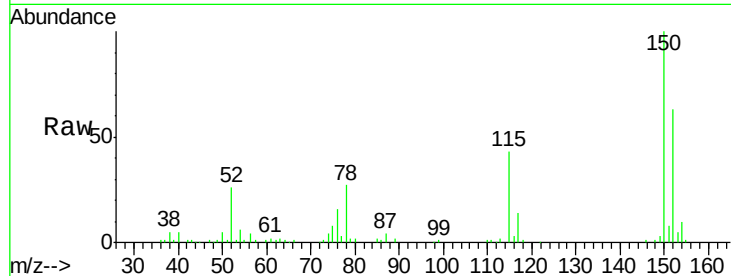


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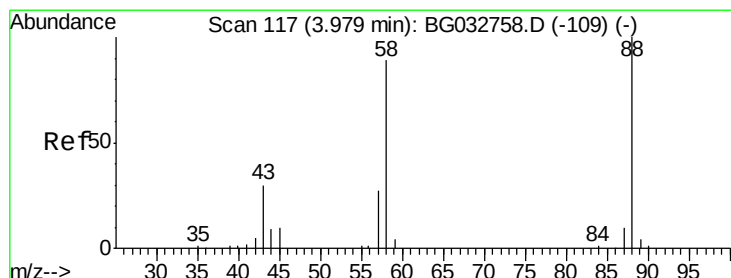
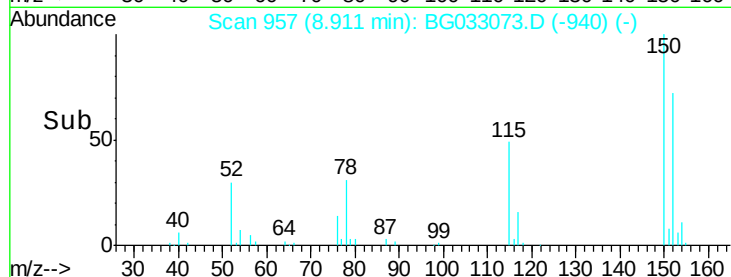
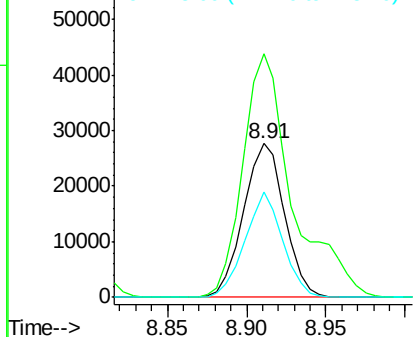
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 49381
Ion Ratio Lower Upper
152 100
150 158.5 126.6 189.8
115 68.4 53.0 79.4



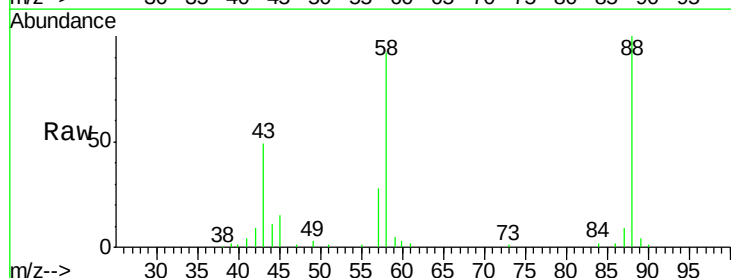
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



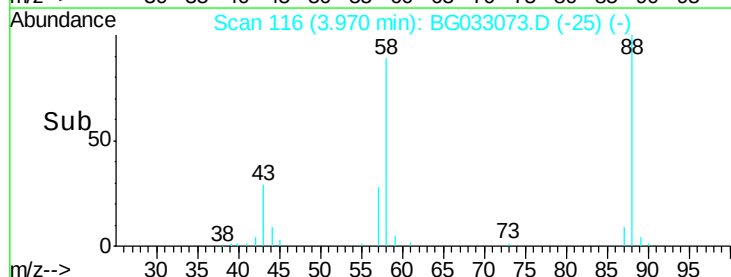
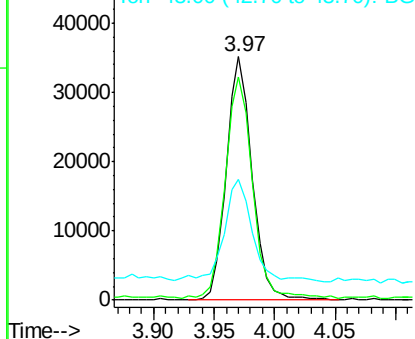
#2

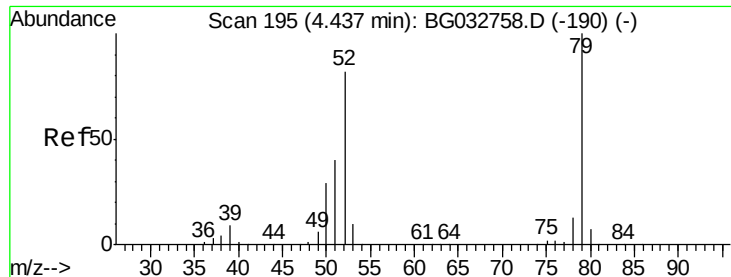
1,4-Dioxane
Concen: 39.001 ng
RT: 3.97 min Scan# 116
Delta R.T. 0.01 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion: 88 Resp: 52244
Ion Ratio Lower Upper
88 100
58 95.1 79.6 119.4
43 42.7 27.4 41.0#



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





#3

Pvridine

Concen: 33.853 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.01 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampled :

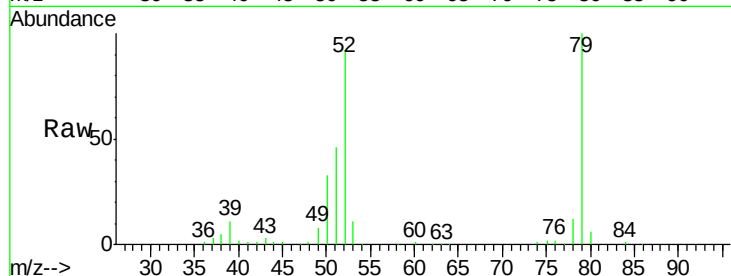
Tot Ion: 79 Resp: 124991

Ion Ratio Lower Upper

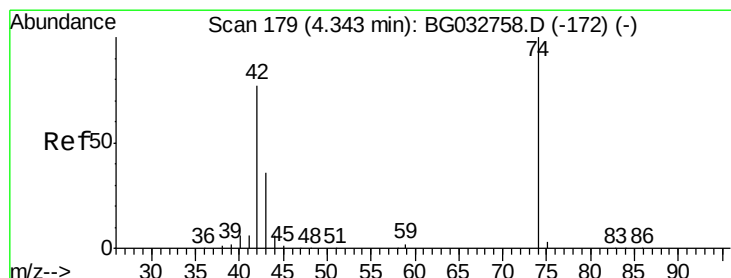
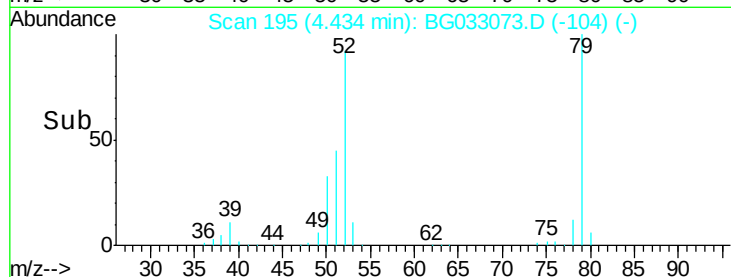
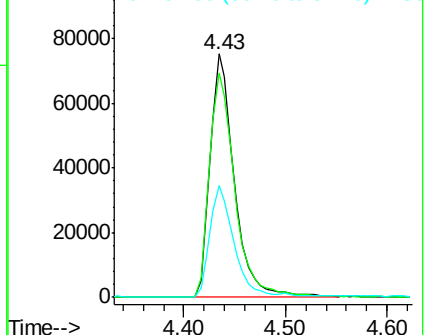
79 100

52 92.1 69.9 104.9

51 45.8 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: 58.135 ng

RT: 4.33 min Scan# 177

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

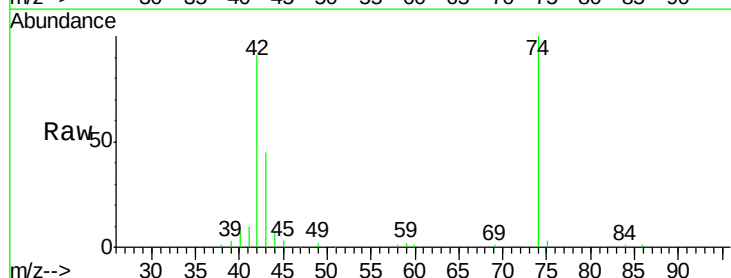
Tgt Ion: 42 Resp: 86055

Ion Ratio Lower Upper

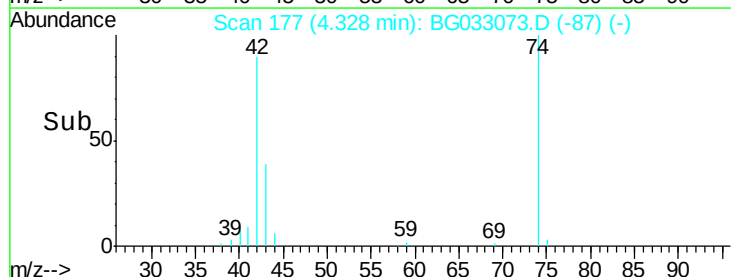
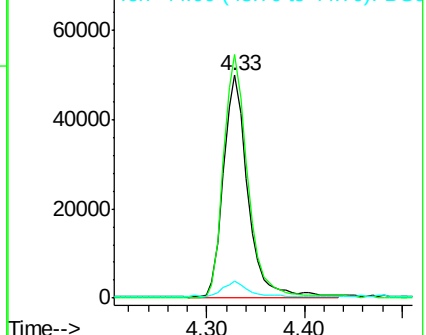
42 100

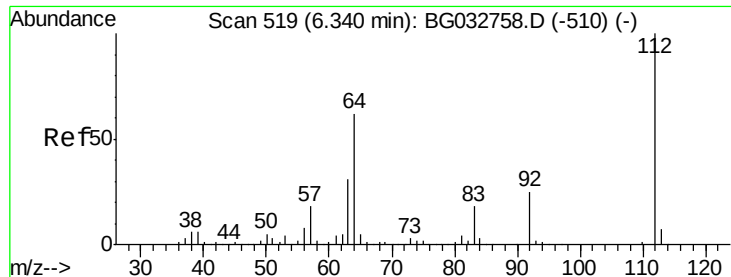
74 109.4 102.5 153.7

44 7.6 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 137.217 ng

RT: 6.33 min Scan# 517

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampled :

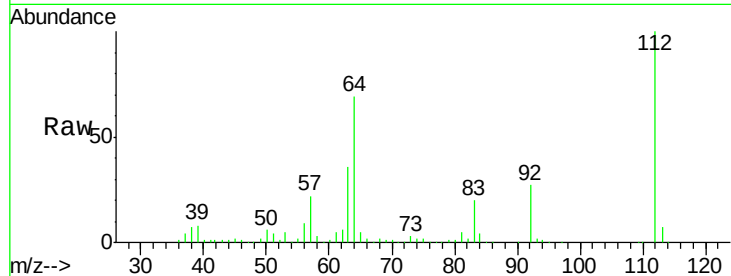
Tot Ion:112 Resp: 423534

Ion Ratio Lower Upper

112 100

64 69.1 56.3 84.5

63 36.2 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

300000

250000

200000

150000

100000

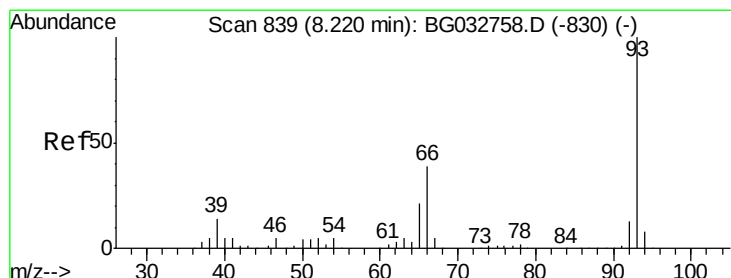
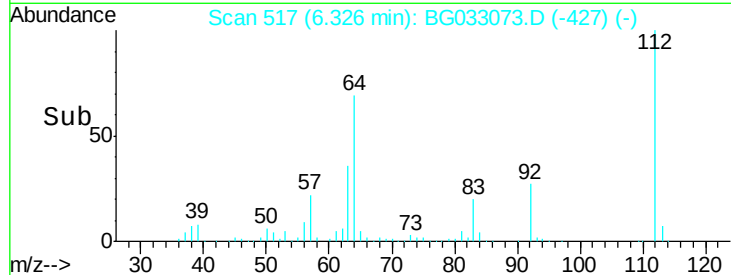
50000

0

6.33

6.30 6.40

Time-->



#6

Aniline

Concen: 14.617 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

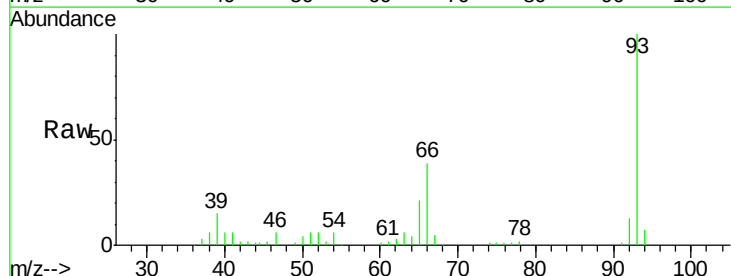
Tgt Ion: 93 Resp: 85122

Ion Ratio Lower Upper

93 100

66 39.4 33.7 50.5

65 21.0 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

120000

100000

80000

60000

40000

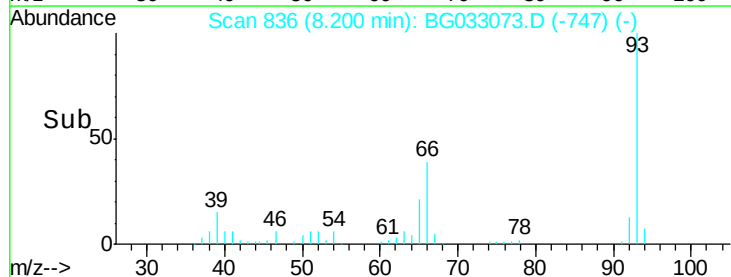
20000

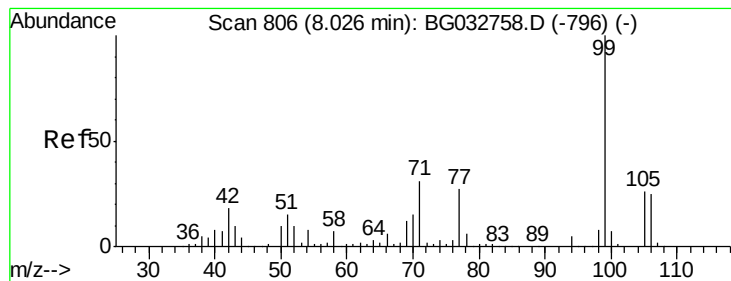
0

8.20

8.10 8.15 8.20 8.25

Time-->





#7

Phenol-d6

Concen: 123.260 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.01 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

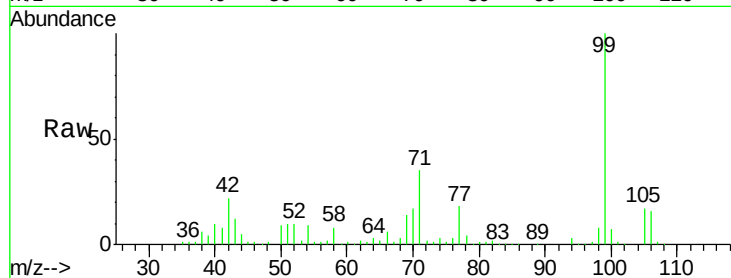
Tot Ion: 99 Resp: 530298

Ion Ratio Lower Upper

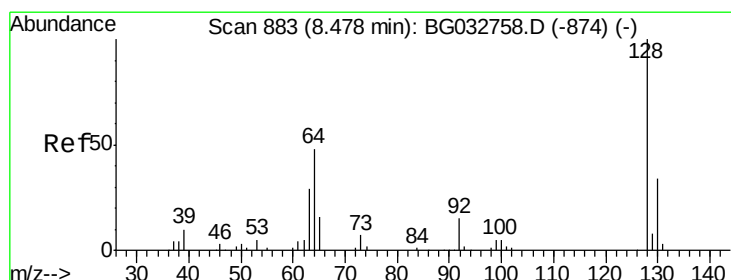
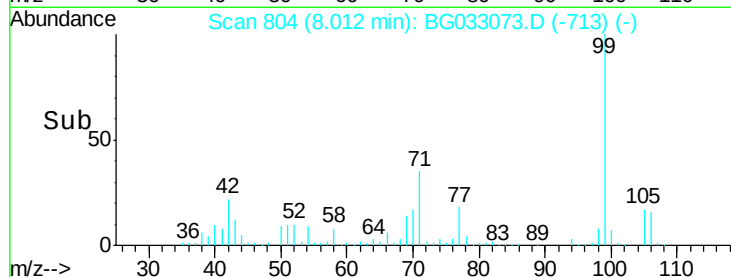
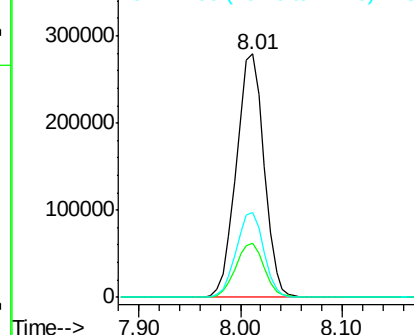
99 100

42 22.5 14.1 21.1#

71 35.0 26.1 39.1



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



#8

2-Chlorophenol

Concen: 47.643 ng

RT: 8.46 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

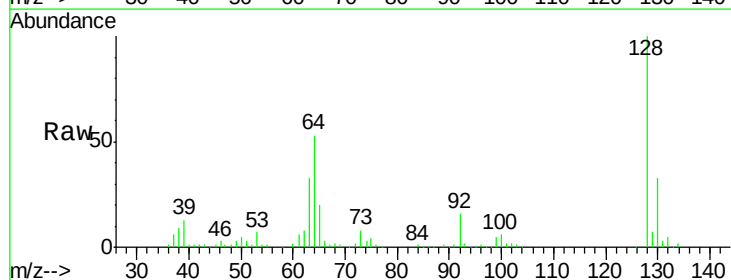
Tgt Ion: 128 Resp: 160960

Ion Ratio Lower Upper

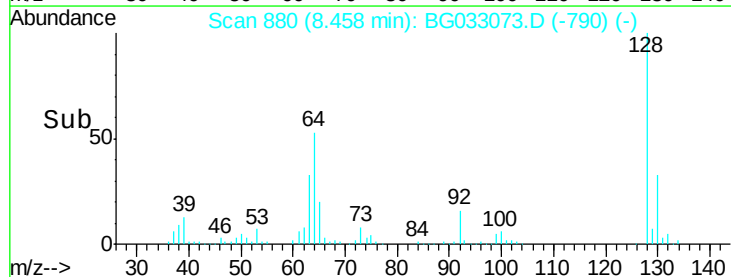
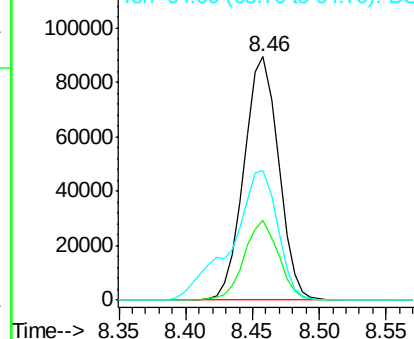
128 100

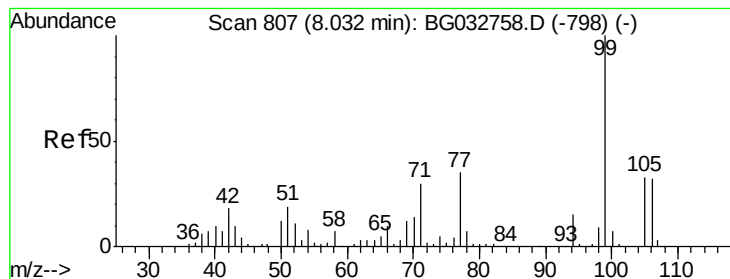
130 33.0 14.0 54.0

64 53.4 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: 39.553 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

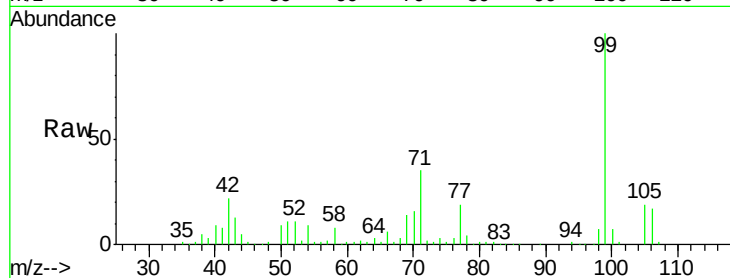
Tot Ion: 77 Resp: 98075

Ion Ratio Lower Upper

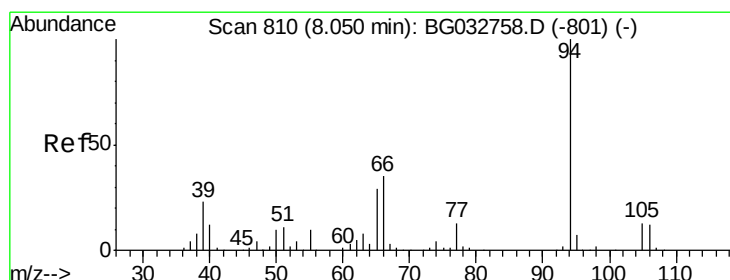
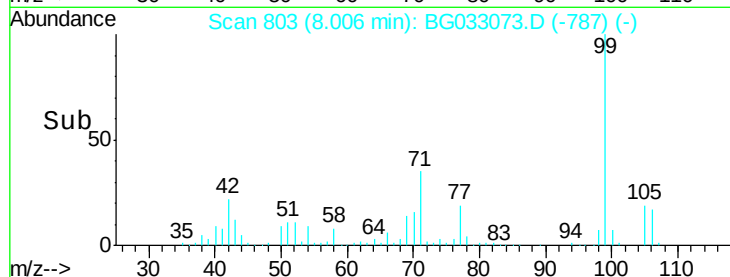
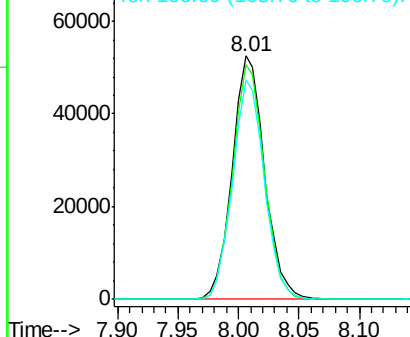
77 100

105 96.6 71.3 111.3

106 89.9 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: 43.267 ng

RT: 8.04 min Scan# 808

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

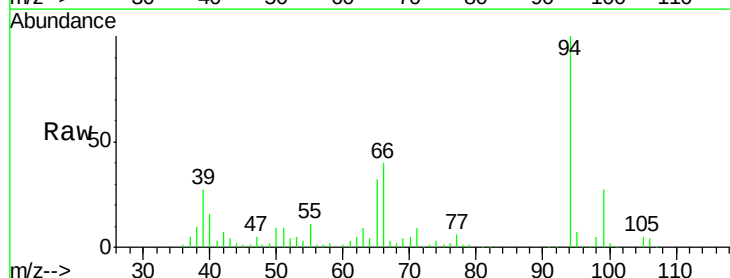
Tgt Ion: 94 Resp: 187647

Ion Ratio Lower Upper

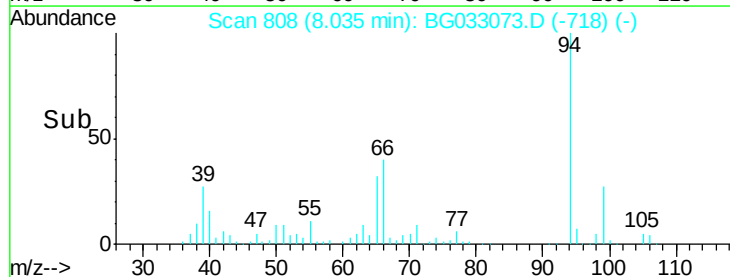
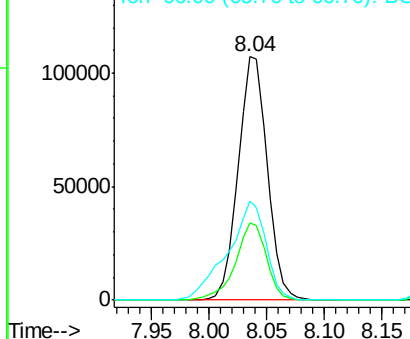
94 100

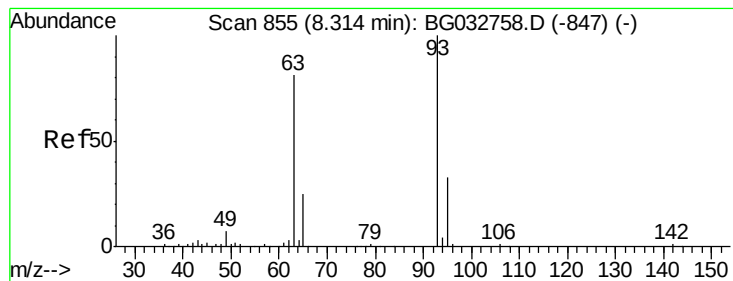
65 31.5 11.9 51.9

66 40.5 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: 42.427 ng

RT: 8.29 min Scan# 852

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampled :

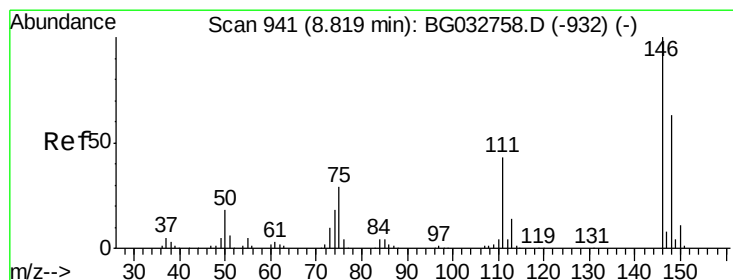
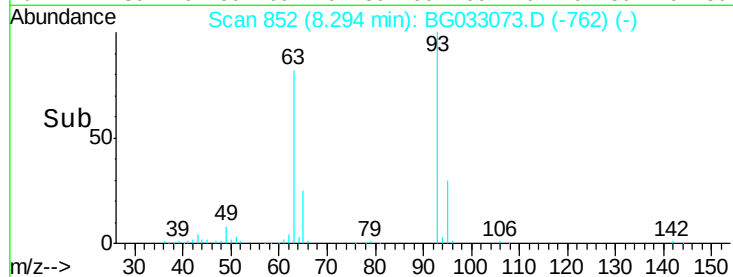
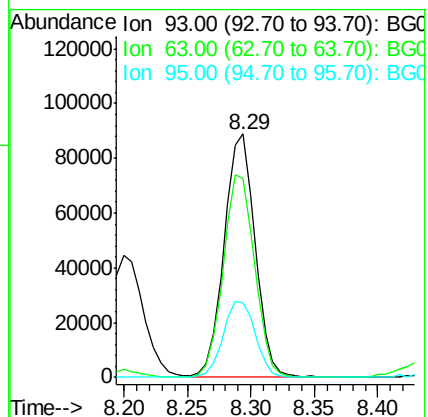
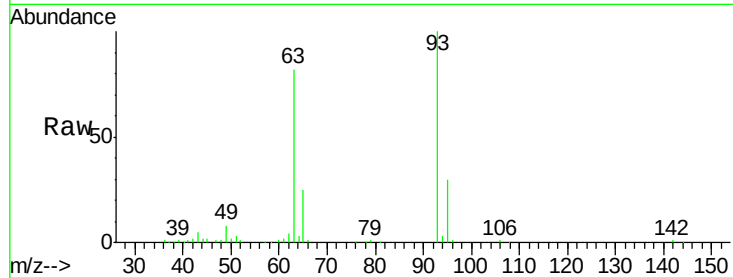
Tot Ion: 93 Resp: 150460

Ion Ratio Lower Upper

93 100

63 81.9 67.1 107.1

95 30.5 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 41.601 ng

RT: 8.80 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

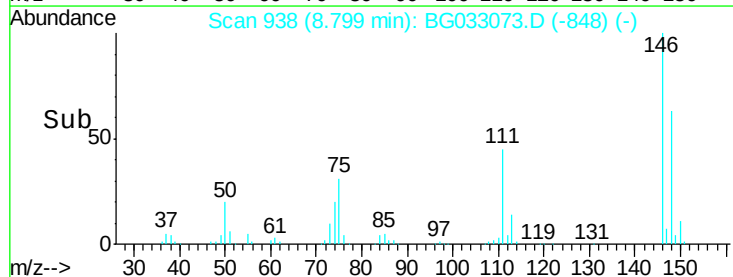
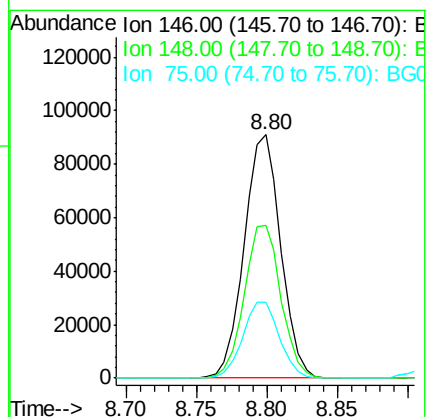
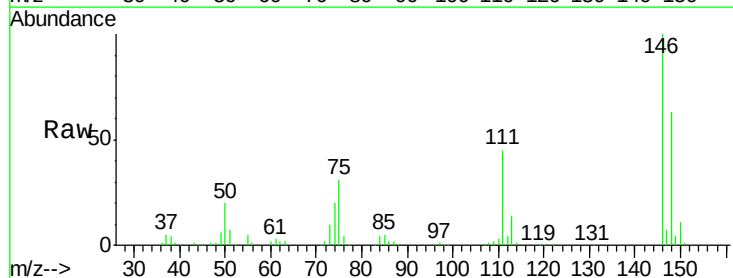
Tgt Ion: 146 Resp: 164619

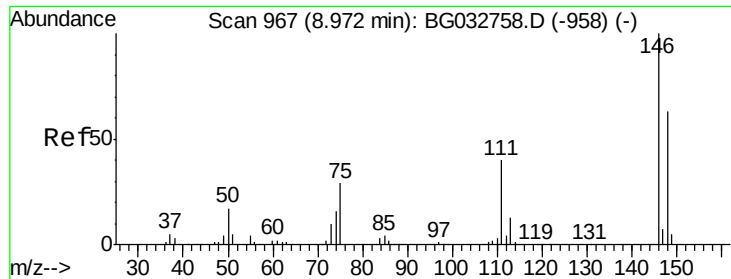
Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

75 31.1 26.6 39.8

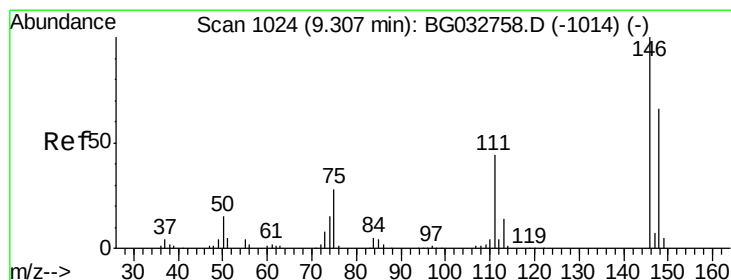
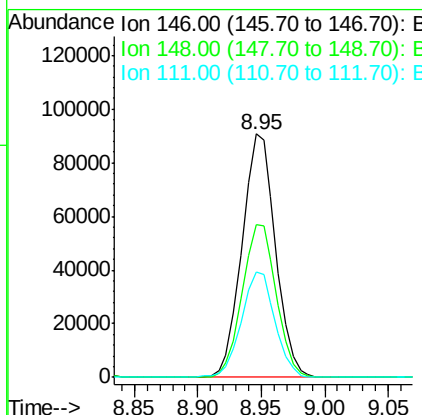
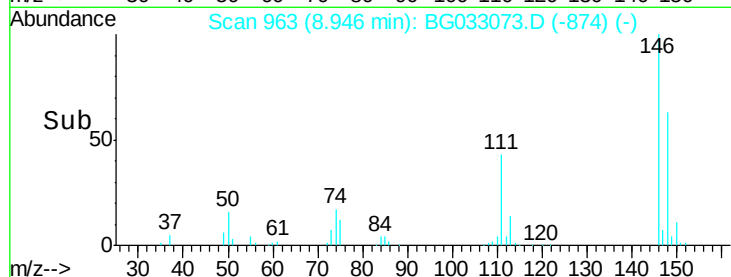
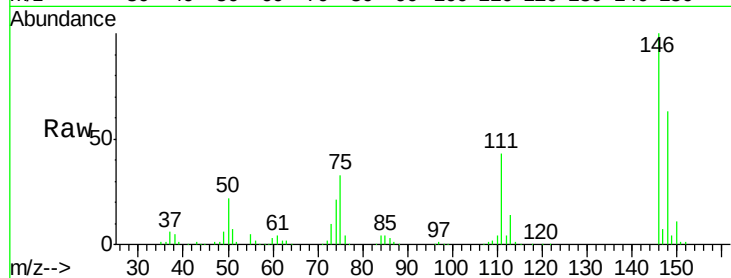




#13
 1,4-Dichlorobenzene
 Concen: 41.673 ng
 RT: 8.95 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

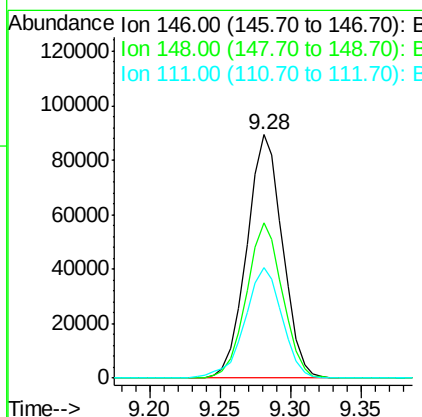
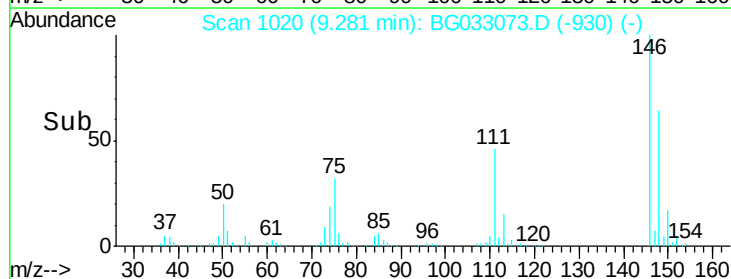
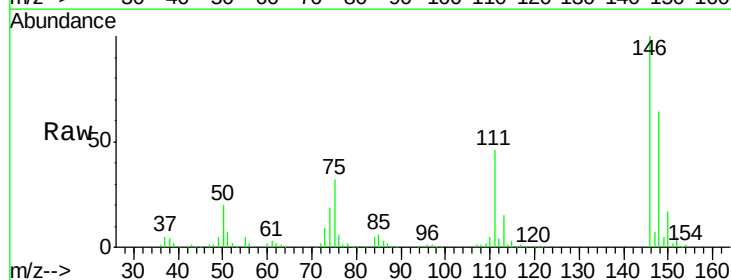
Instrument :
 BNA_G
 ClientSampled :

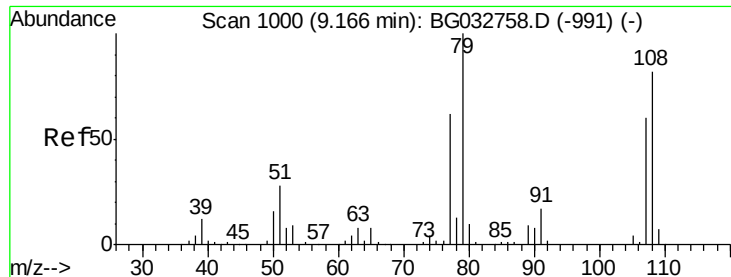
Tot Ion:146 Resp: 165989
 Ion Ratio Lower Upper
 146 100
 148 62.8 53.7 80.5
 111 43.1 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 41.452 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion:146 Resp: 158217
 Ion Ratio Lower Upper
 146 100
 148 63.6 49.3 73.9
 111 45.5 34.3 51.5

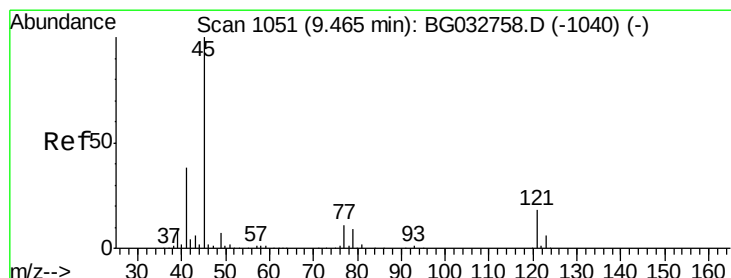
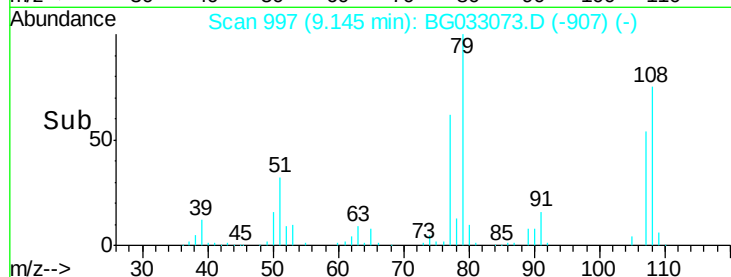
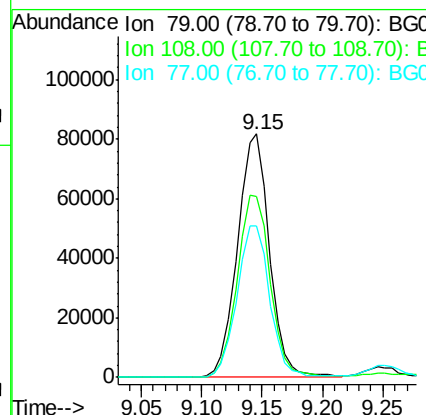
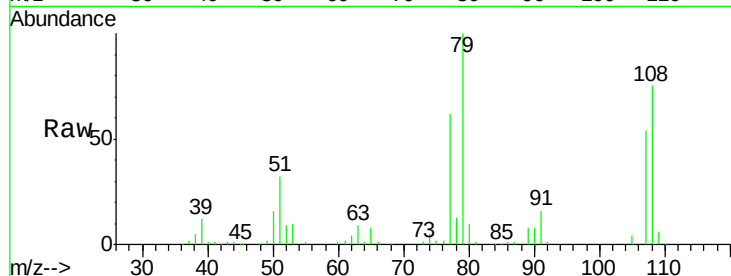




#15
Benzyl Alcohol
Concen: 47.835 ng
RT: 9.15 min Scan# 997
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

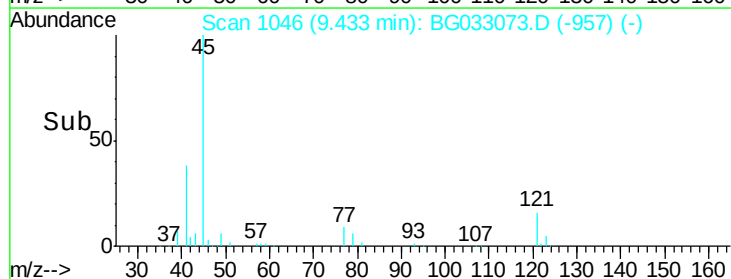
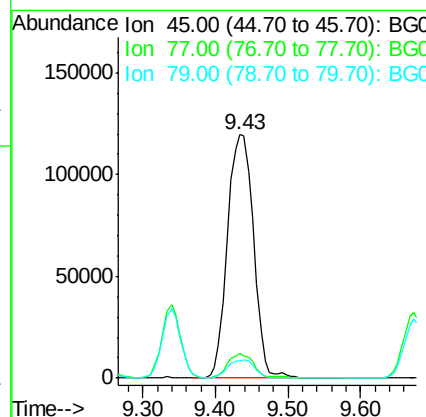
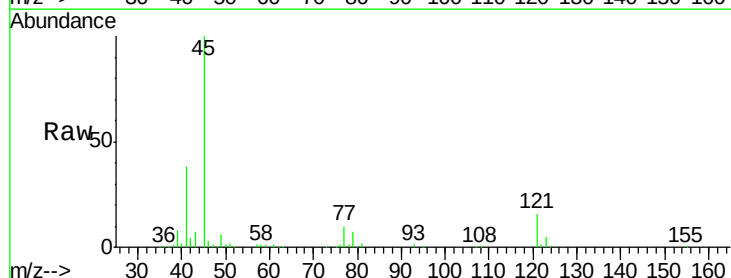
Instrument :
BNA_G
ClientSampled :

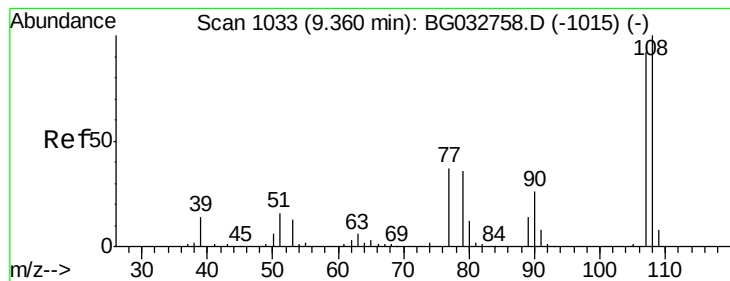
Tot Ion: 79 Resp: 151295
Ion Ratio Lower Upper
79 100
108 74.5 57.2 85.8
77 62.1 46.1 69.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 49.171 ng
RT: 9.43 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion: 45 Resp: 299770
Ion Ratio Lower Upper
45 100
77 10.3 0.0 30.2
79 7.1 0.0 27.9

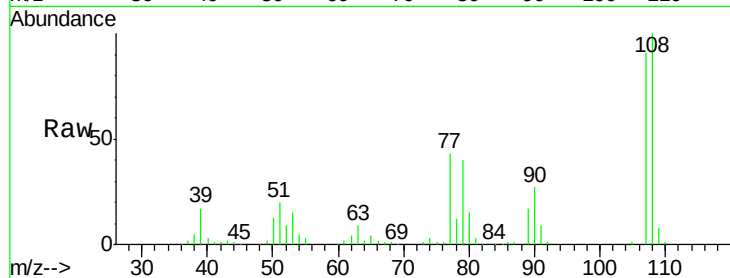




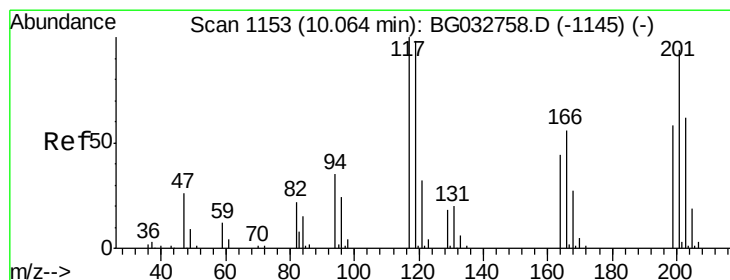
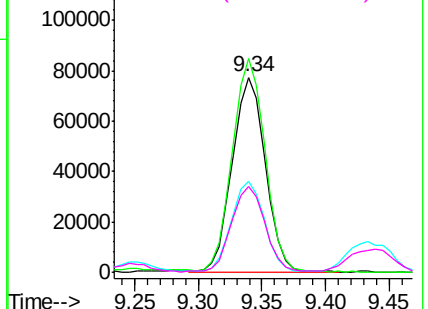
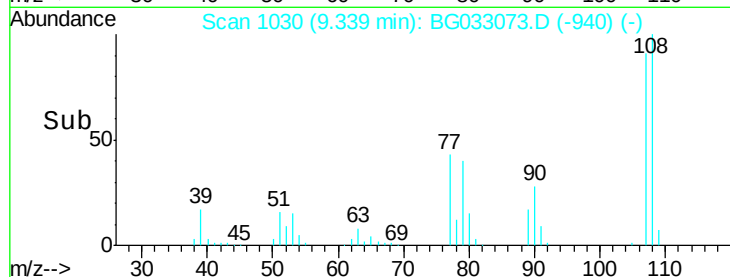
#17
2-Methylphenol
Concen: 43.426 ng
RT: 9.34 min Scan# 1030
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 138878
Ion Ratio Lower Upper
107 100
108 109.6 83.9 125.9
77 46.6 37.2 55.8
79 43.8 36.2 54.2

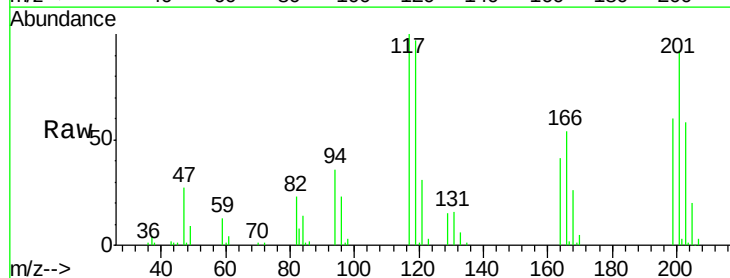


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

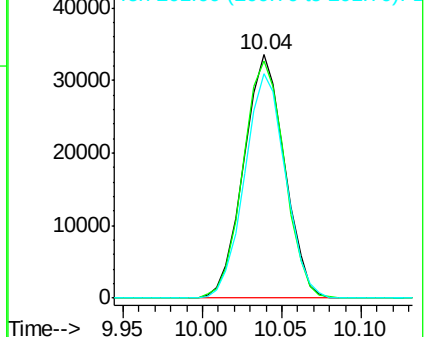
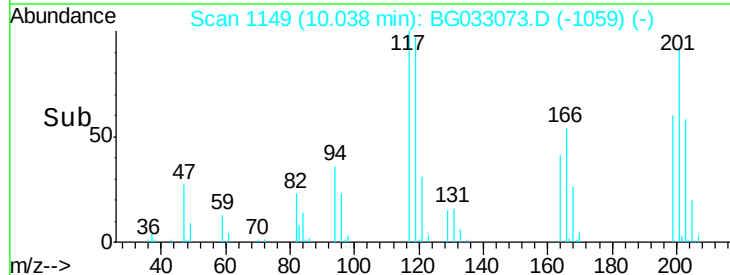


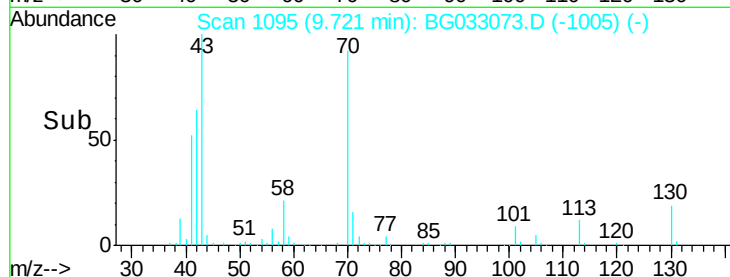
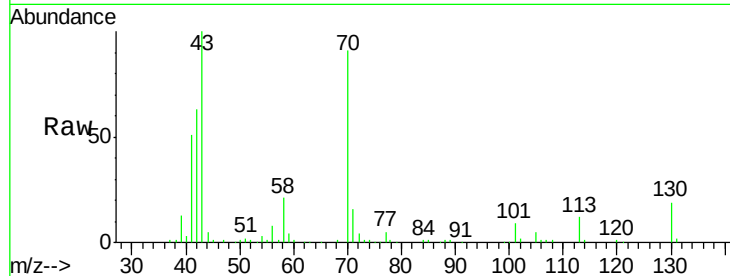
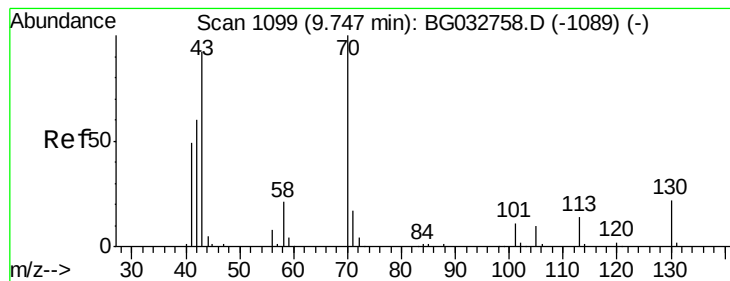
#18
Hexachloroethane
Concen: 44.199 ng
RT: 10.04 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:117 Resp: 59941
Ion Ratio Lower Upper
117 100
119 97.2 76.7 115.1
201 92.2 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: 42.934 ng

RT: 9.72 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 130405

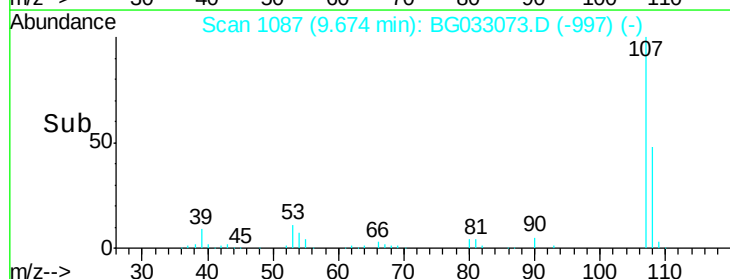
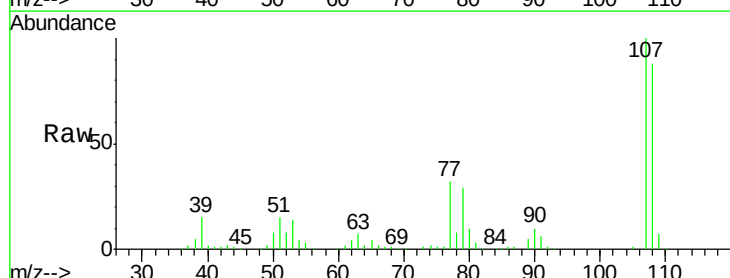
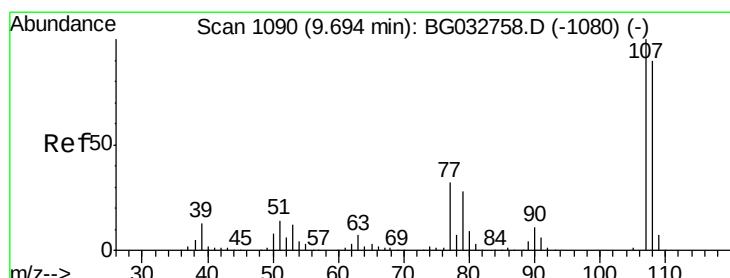
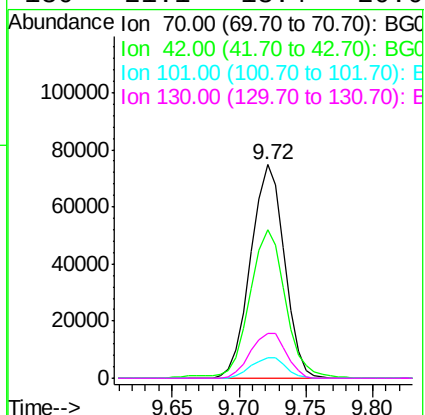
Ion Ratio Lower Upper

70 100

42 69.8 49.1 73.7

101 9.8 8.5 12.7

130 21.1 13.4 20.0#



#20

3+4-Methylphenols

Concen: 43.450 ng

RT: 9.67 min Scan# 1087

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Tgt Ion:107 Resp: 193207

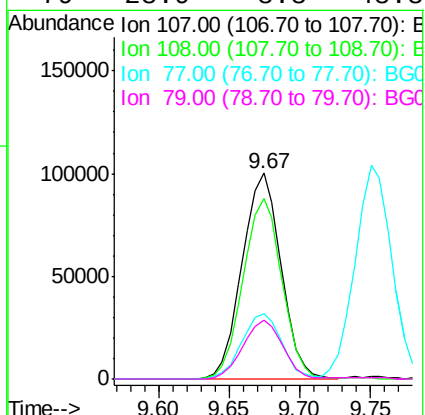
Ion Ratio Lower Upper

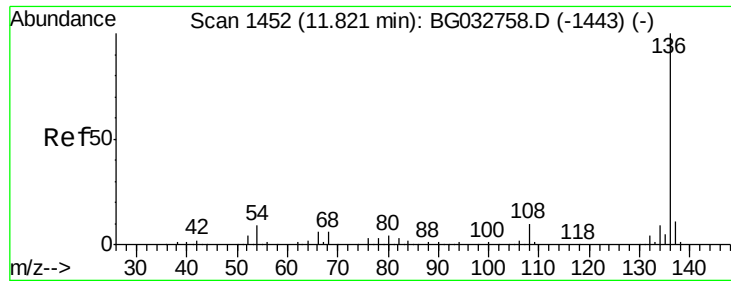
107 100

108 87.6 61.6 101.6

77 31.9 13.9 53.9

79 28.9 8.8 48.8

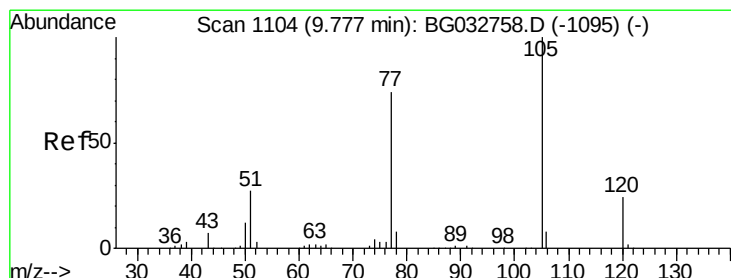
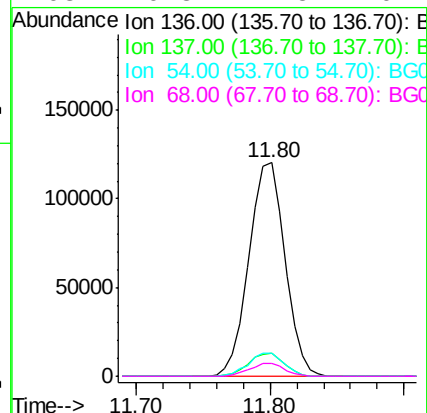
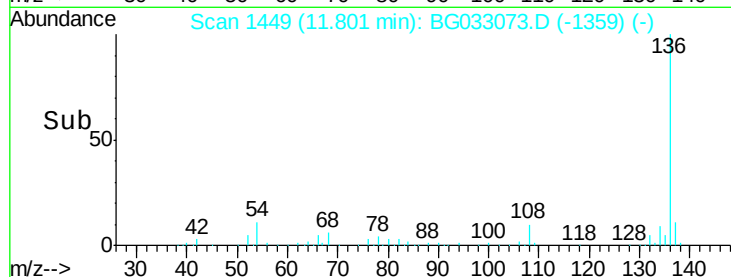
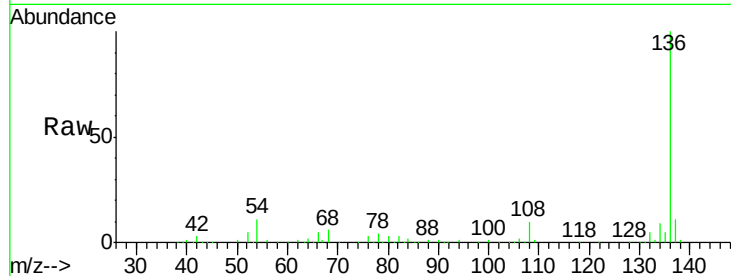




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

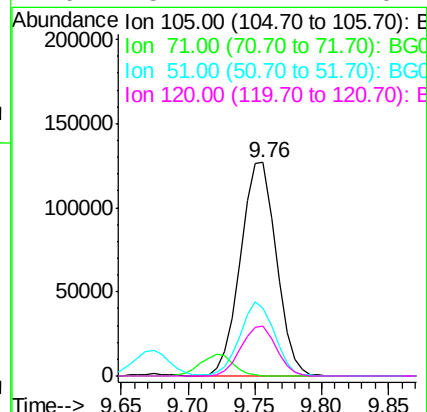
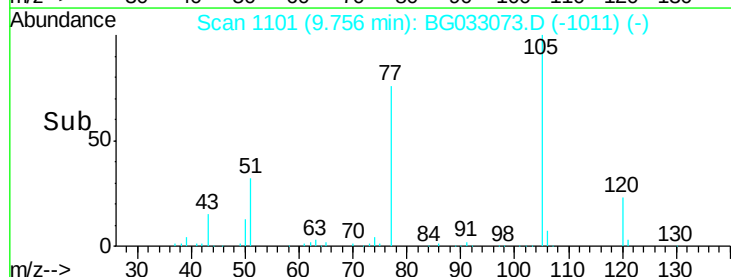
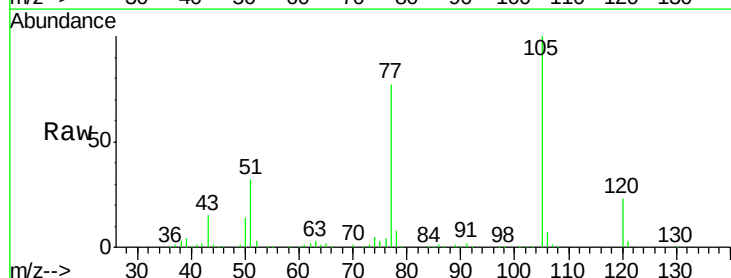
Instrument :
BNA_G
ClientSampleId :

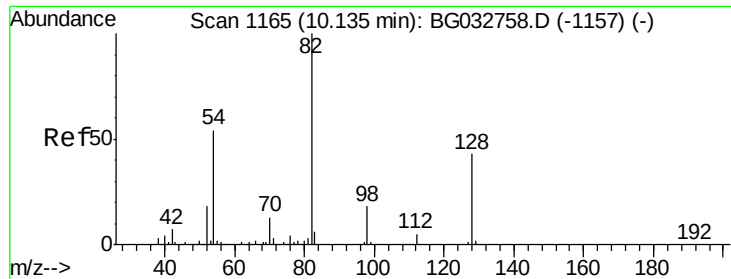
Tot Ion:136	Resp:	224535
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	10.8	10.3 15.5
68	6.3	4.5 6.7



#22
Acetophenone
Concen: 41.703 ng
RT: 9.76 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:105	Resp:	236482
Ion Ratio	Lower	Upper
105	100	
71	0.0	3.0 4.4#
51	32.0	26.1 39.1
120	23.2	17.4 26.2

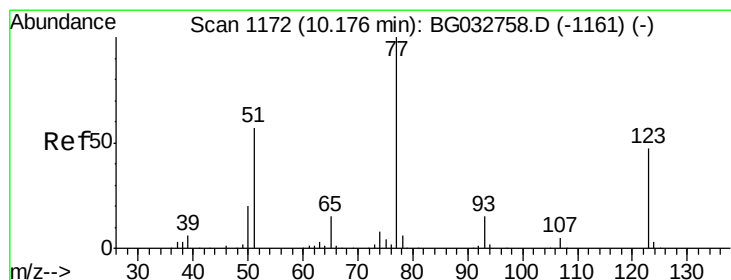
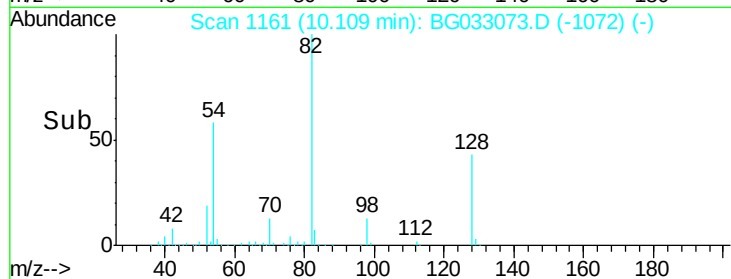
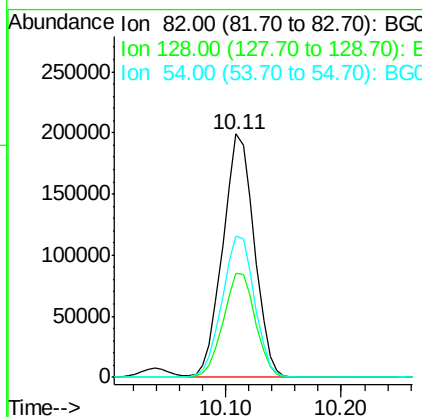
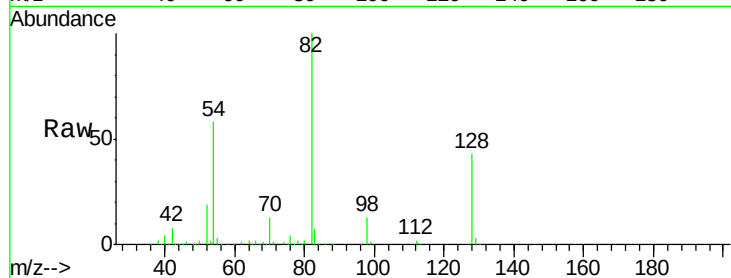




#23
 Nitrobenzene-d5
 Concen: 112.821 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

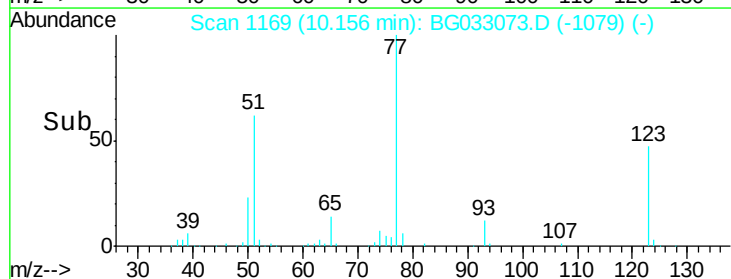
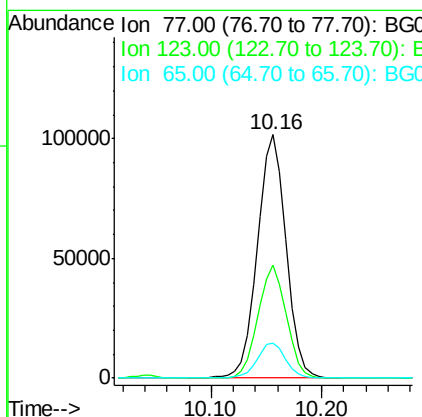
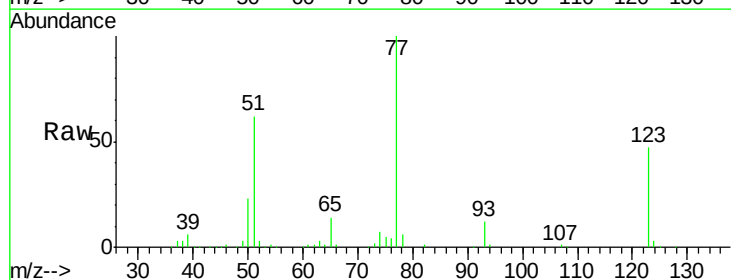
Instrument :
 BNA_G
 ClientSampled :

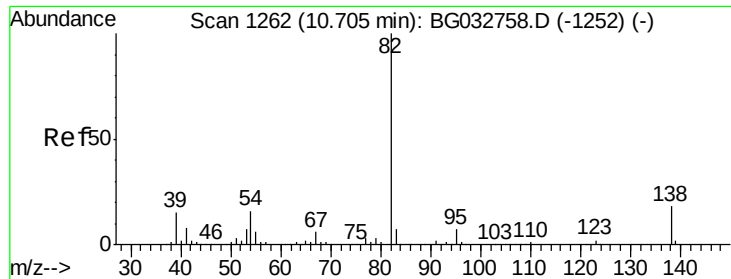
Tot Ion: 82 Resp: 376928
 Ion Ratio Lower Upper
 82 100
 128 42.6 29.7 44.5
 54 57.7 43.1 64.7



#24
 Nitrobenzene
 Concen: 51.125 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion: 77 Resp: 184782
 Ion Ratio Lower Upper
 77 100
 123 46.6 33.0 49.6
 65 14.3 13.0 19.6





#25

Isophorone

Concen: 45.164 ng

RT: 10.68 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampled :

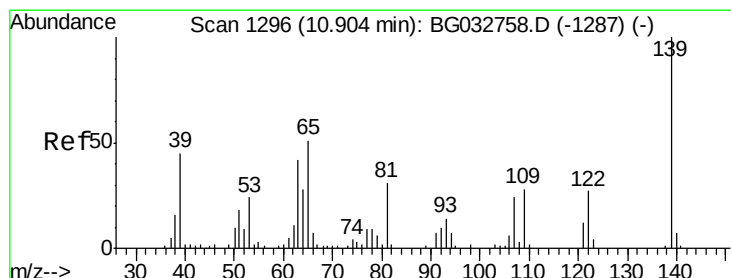
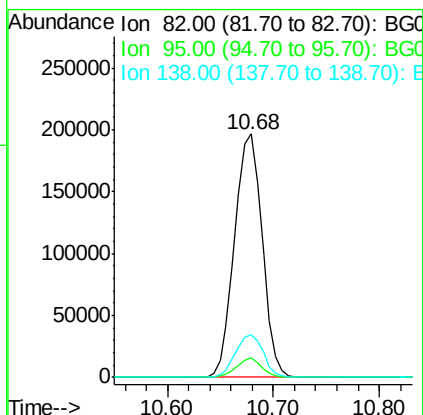
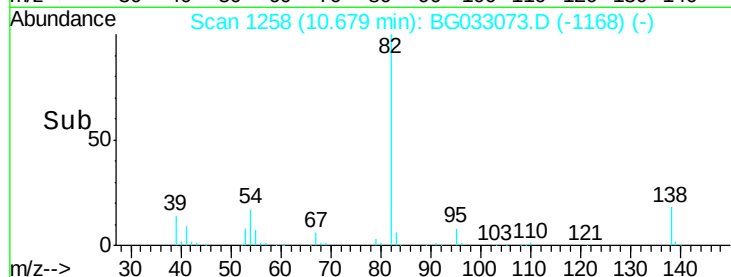
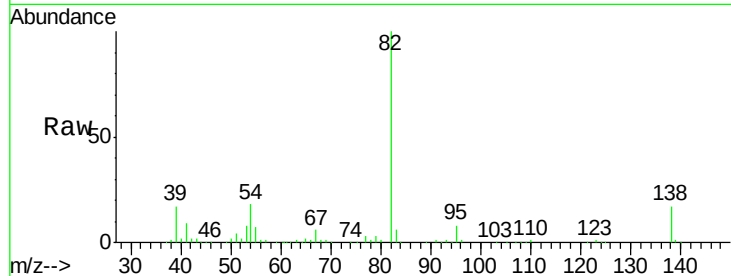
Tot Ion: 82 Resp: 355939

Ion Ratio Lower Upper

82 100

95 8.2 6.2 9.2

138 17.3 12.1 18.1



#26

2-Nitrophenol

Concen: 62.680 ng

RT: 10.88 min Scan# 1293

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

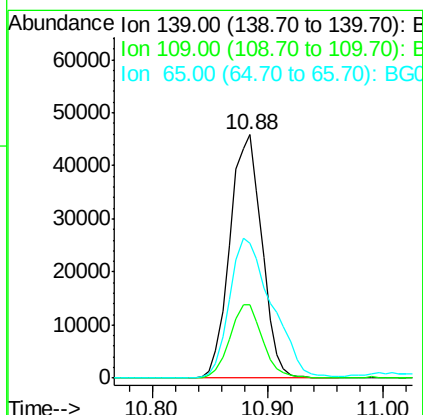
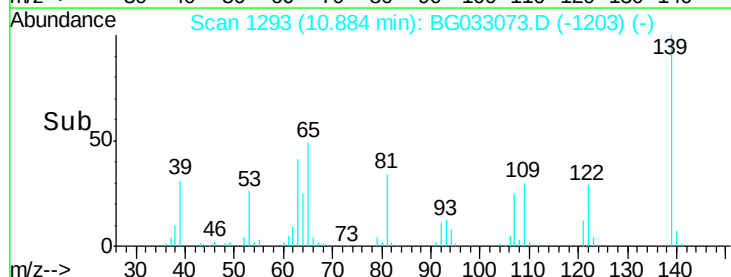
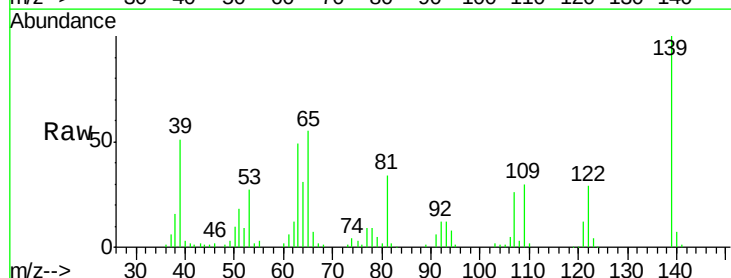
Tgt Ion: 139 Resp: 87961

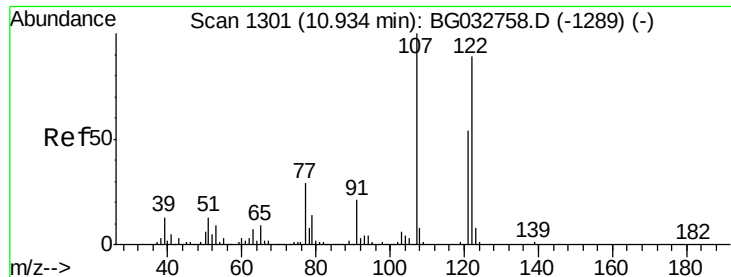
Ion Ratio Lower Upper

139 100

109 30.0 24.2 36.2

65 55.4 47.4 71.0

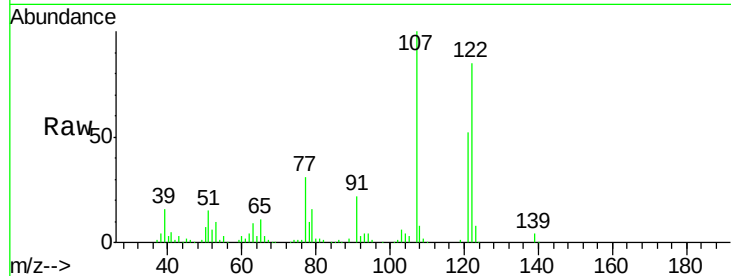




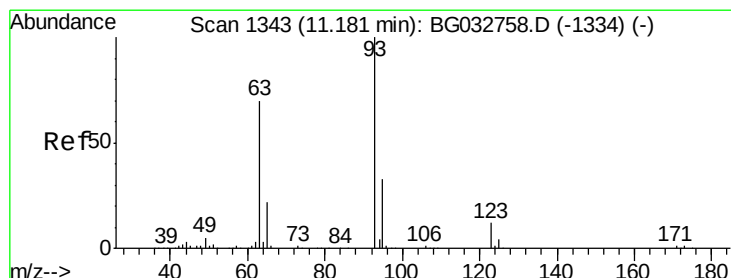
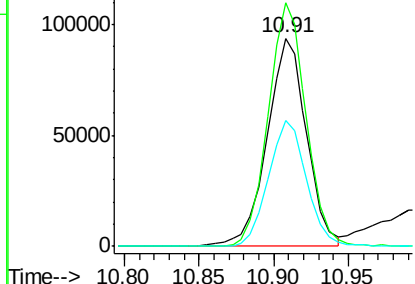
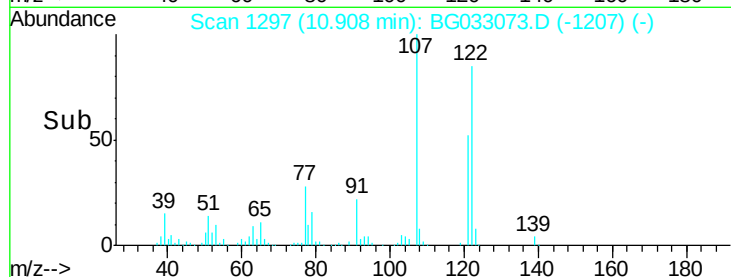
#27
2,4-Dimethylphenol
Concen: 50.143 ng
RT: 10.91 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:122 Resp: 171670
Ion Ratio Lower Upper
122 100
107 117.2 100.2 150.2
121 60.6 44.4 66.6

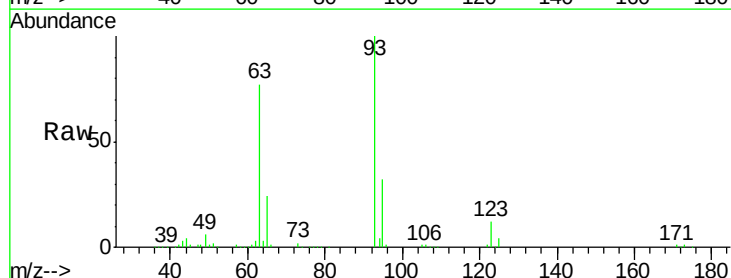


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

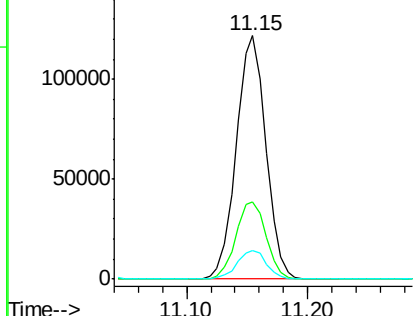
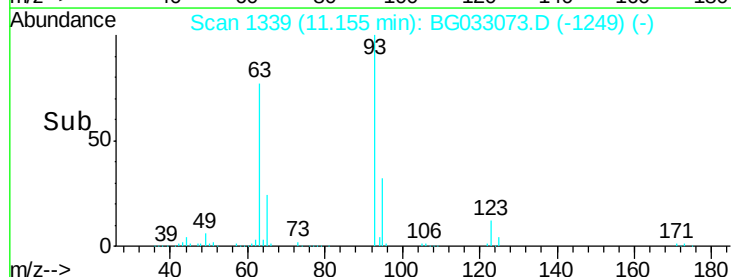


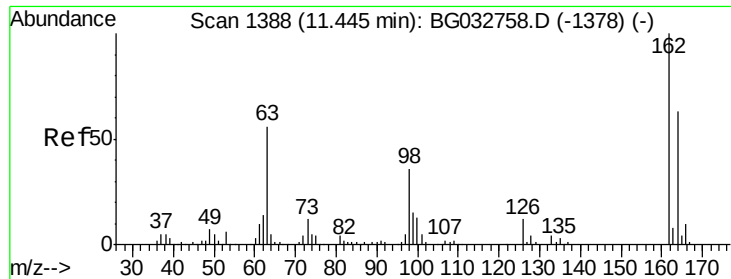
#28
bis(2-Chloroethoxy)methane
Concen: 45.299 ng
RT: 11.15 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion: 93 Resp: 207977
Ion Ratio Lower Upper
93 100
95 31.7 24.3 36.5
123 11.7 8.4 12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

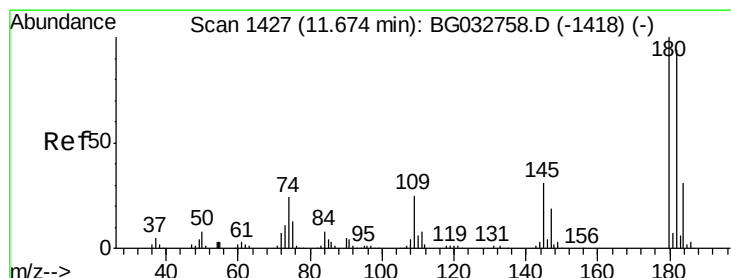
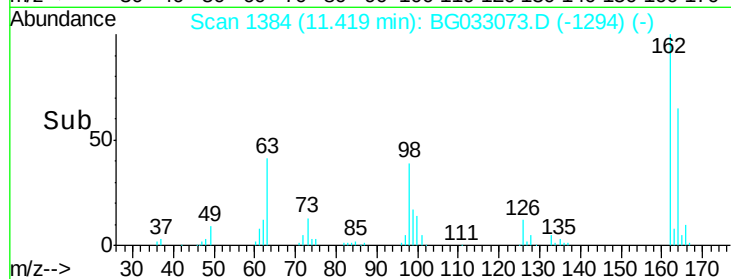
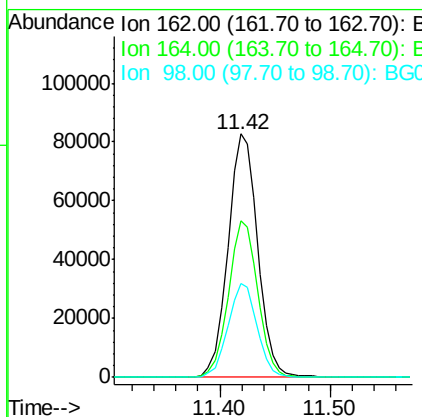
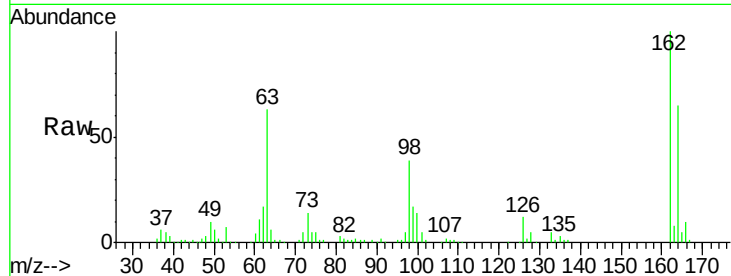




#29
 2,4-Dichlorophenol
 Concen: 50.093 ng
 RT: 11.42 min Scan# 1384
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

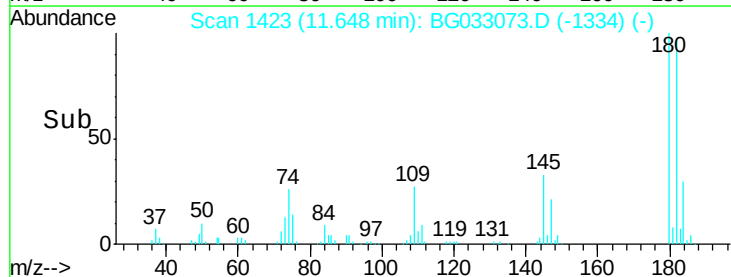
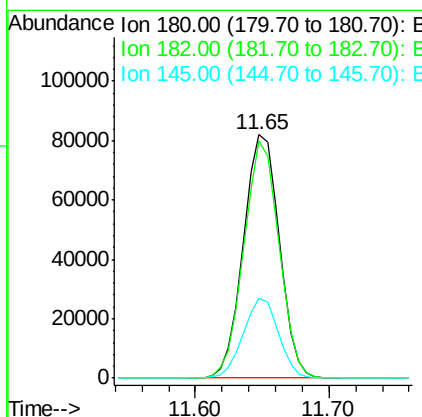
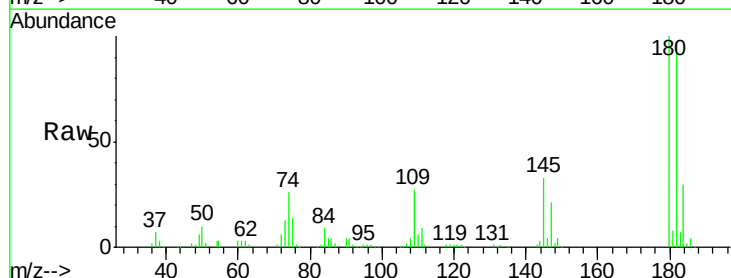
Instrument :
 BNA_G
 ClientSampleId :

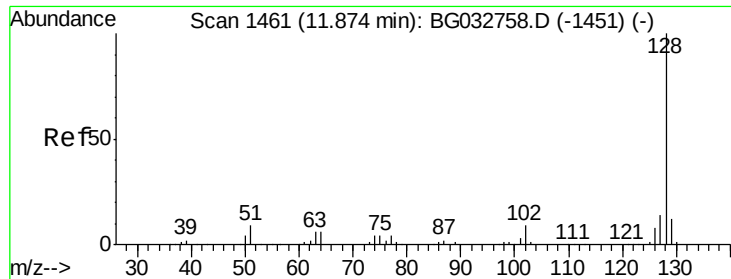
Tot Ion:162 Resp: 155653
 Ion Ratio Lower Upper
 162 100
 164 64.6 48.0 88.0
 98 38.6 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.867 ng
 RT: 11.65 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion:180 Resp: 152494
 Ion Ratio Lower Upper
 180 100
 182 97.3 77.5 116.3
 145 32.5 23.4 35.2

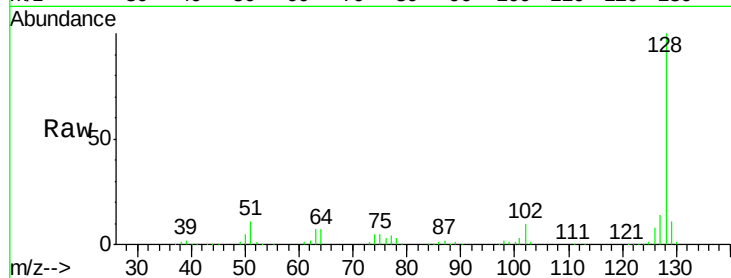




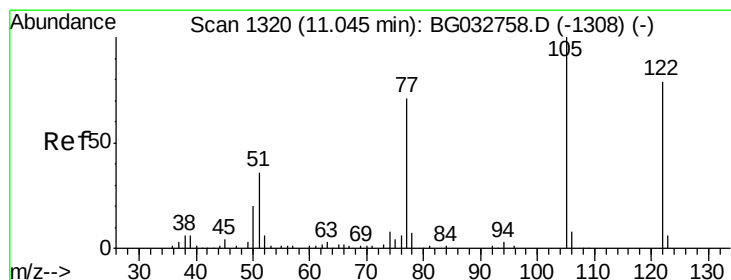
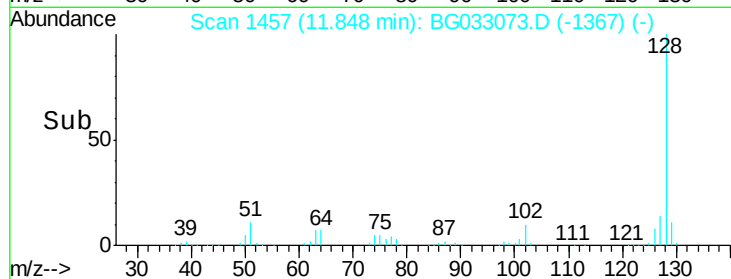
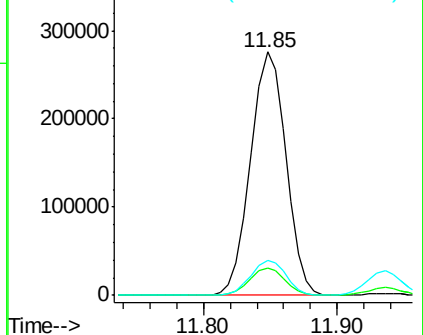
#31
Naphthalene
Concen: 43.162 ng
RT: 11.85 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 506412
Ion Ratio Lower Upper
128 100
129 11.2 8.6 12.8
127 14.4 11.6 17.4

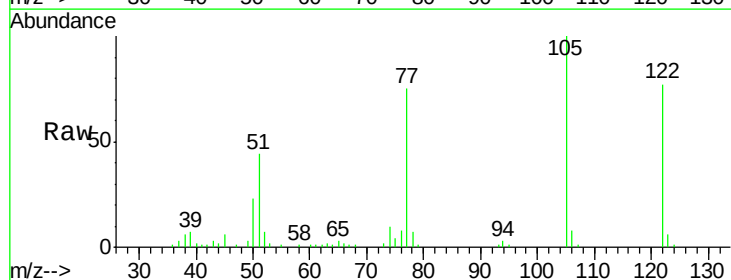


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

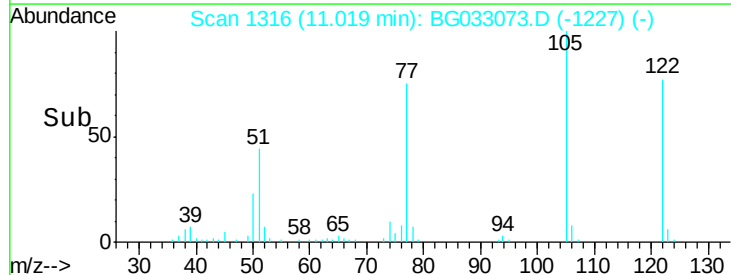
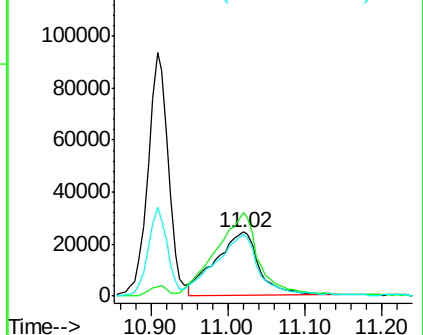


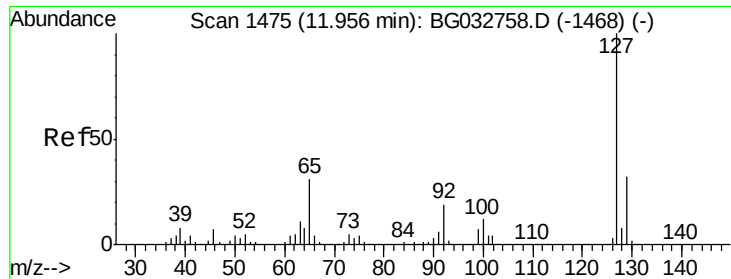
#32
Benzoic acid
Concen: 45.743 ng
RT: 11.02 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:122 Resp: 95437
Ion Ratio Lower Upper
122 100
105 129.4 123.5 163.5
77 97.3 85.7 125.7



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

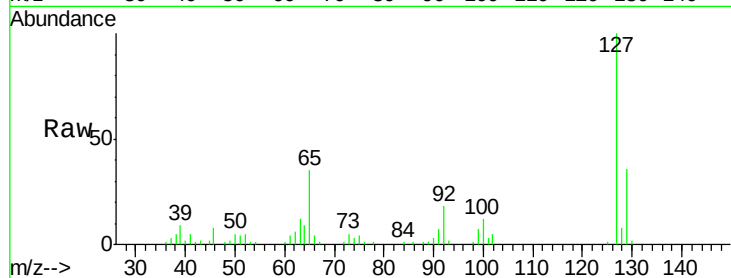




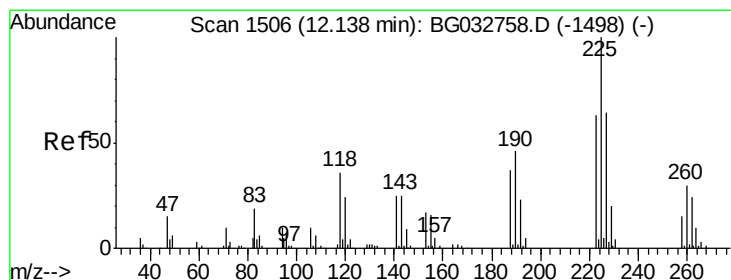
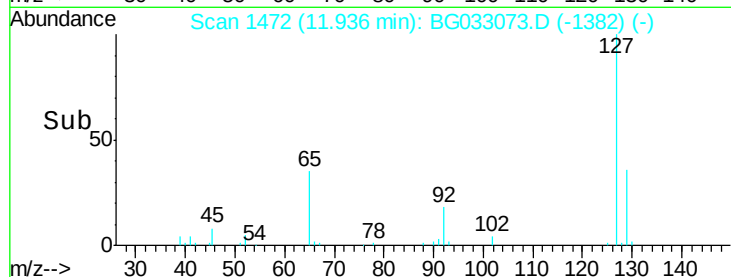
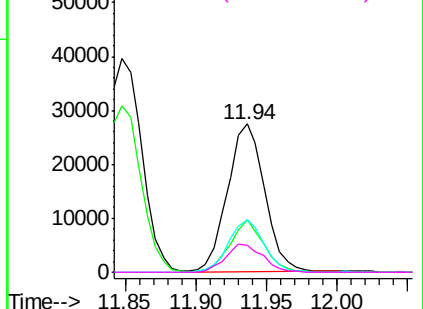
#33
4-Chloroaniline
Concen: 9.538 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	50035
Ion	Ratio	Lower	Upper
127	100		
129	35.7	24.0	36.0
65	35.2	27.0	40.4
92	18.1	16.6	25.0

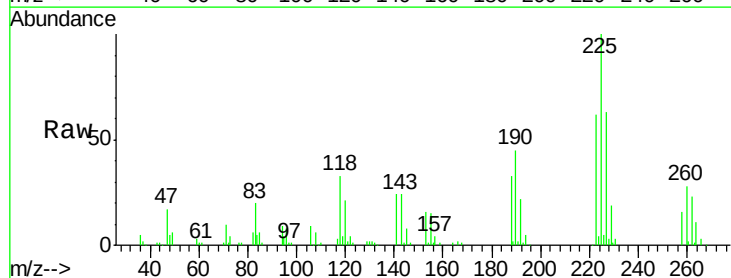


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

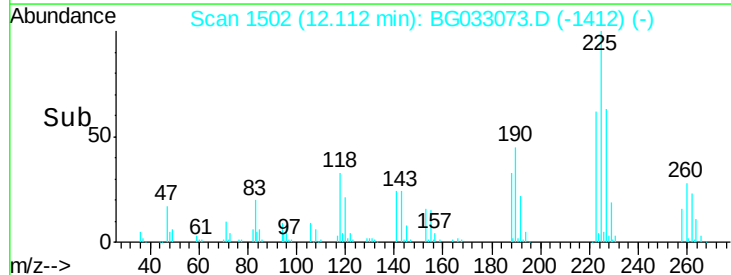
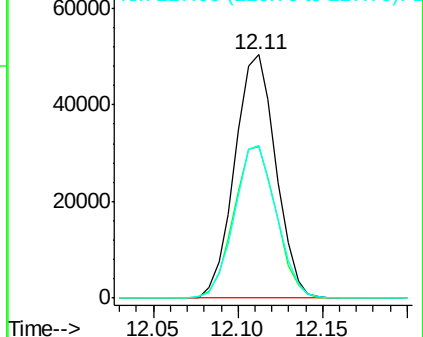


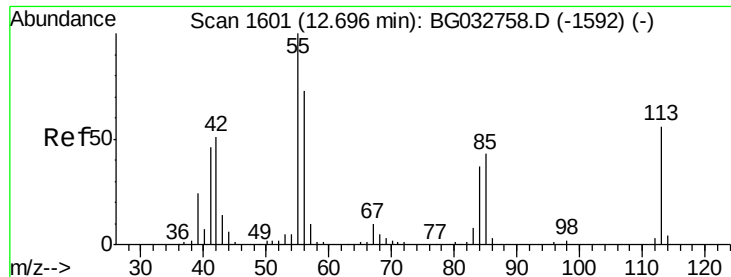
#34
Hexachlorobutadiene
Concen: 41.688 ng
RT: 12.11 min Scan# 1502
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:	225	Resp:	85172
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.7	74.5
227	62.7	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

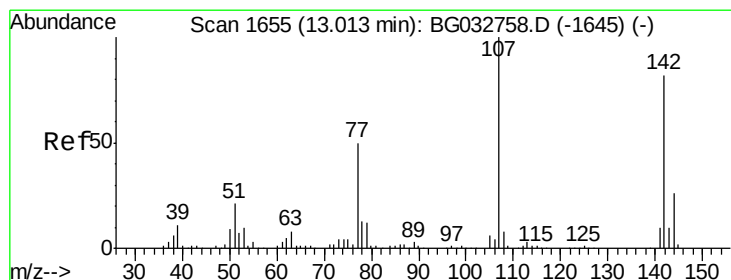
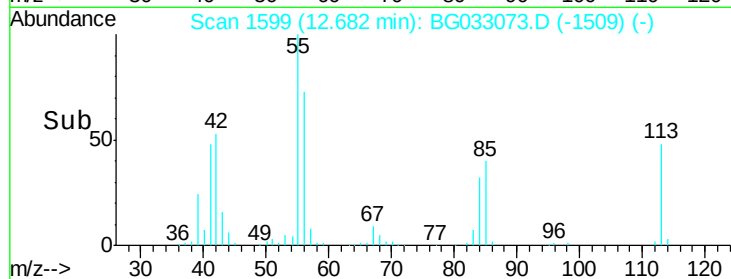
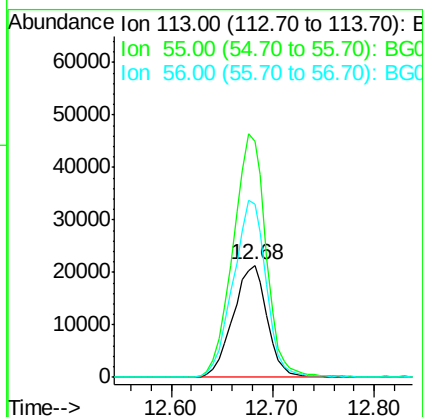
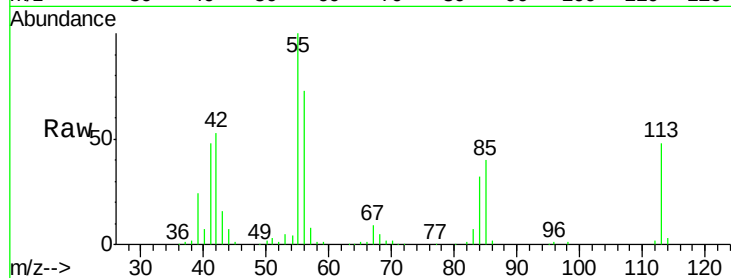




#35
 Caprolactam
 Concen: 39.915 ng
 RT: 12.68 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

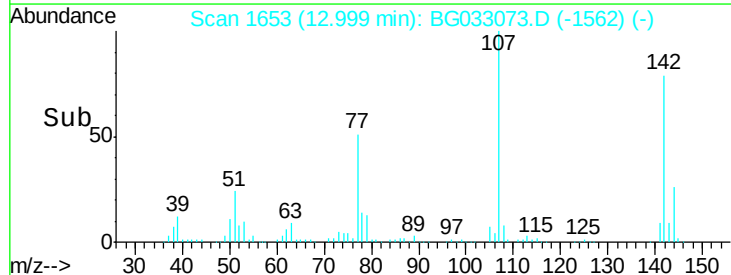
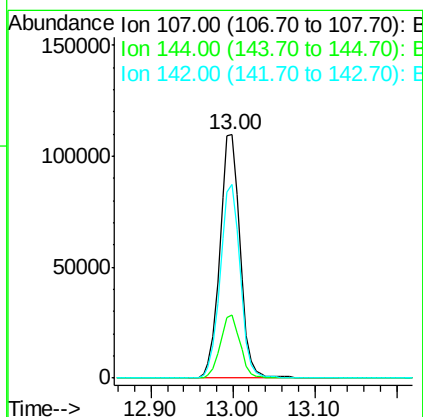
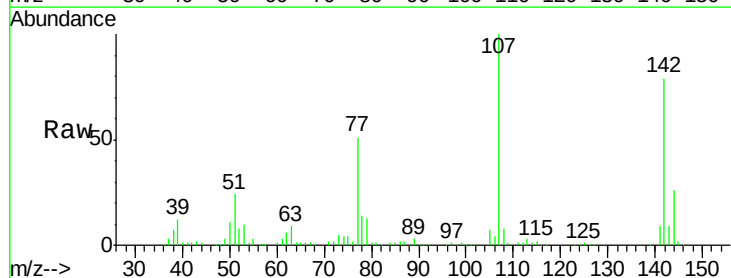
Instrument :
 BNA_G
 ClientSampleId :

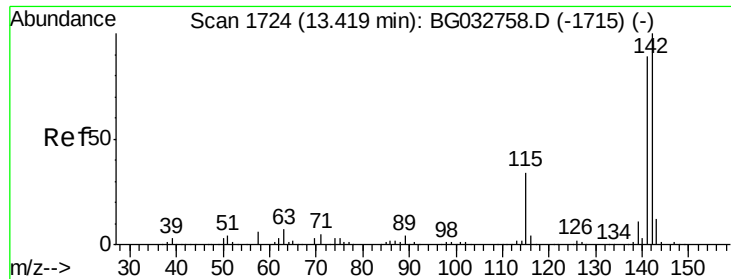
Tot Ion:113 Resp: 49662
 Ion Ratio Lower Upper
 113 100
 55 210.4 186.9 226.9
 56 153.7 130.9 170.9



#36
 4-Chloro-3-methylphenol
 Concen: 52.234 ng
 RT: 13.00 min Scan# 1653
 Delta R.T. 0.01 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion:107 Resp: 188877
 Ion Ratio Lower Upper
 107 100
 144 26.1 18.2 27.4
 142 79.4 59.0 88.4

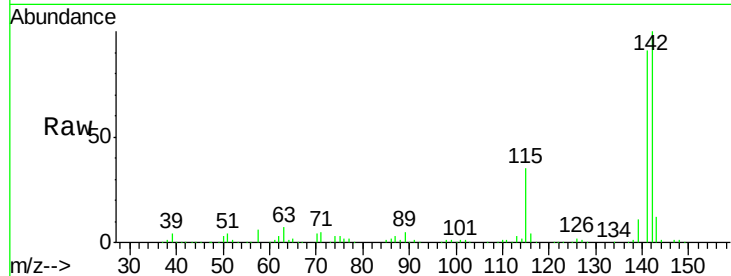




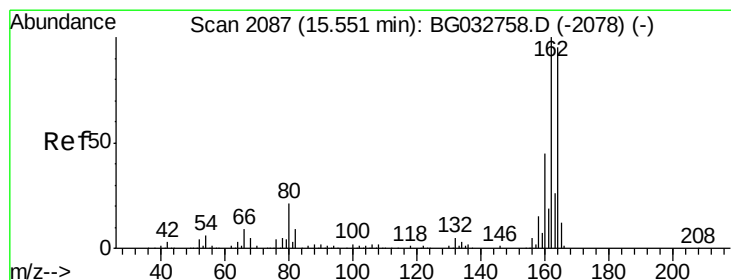
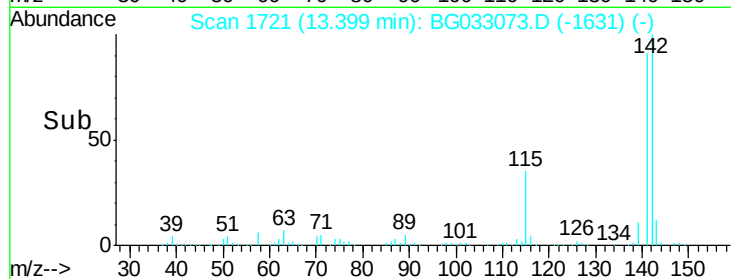
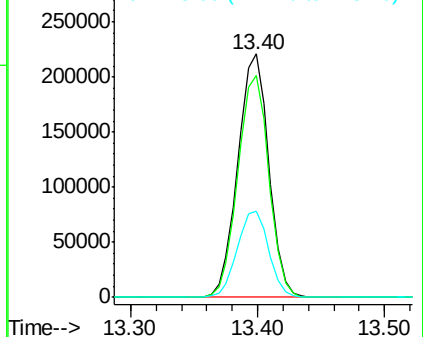
#37
2-Methylnaphthalene
Concen: 43.903 ng
RT: 13.40 min Scan# 1721
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 372671
Ion Ratio Lower Upper
142 100
141 91.2 67.1 100.7
115 35.4 30.7 46.1

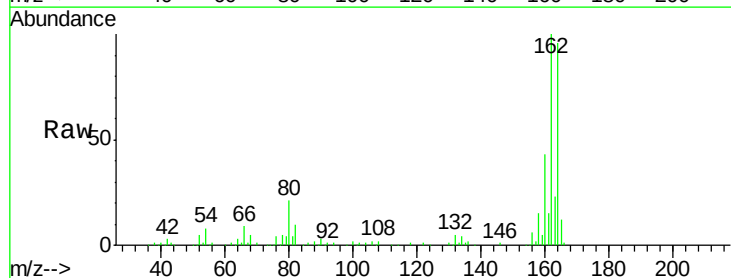


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

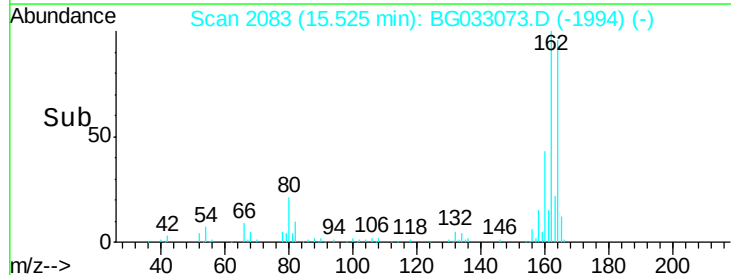
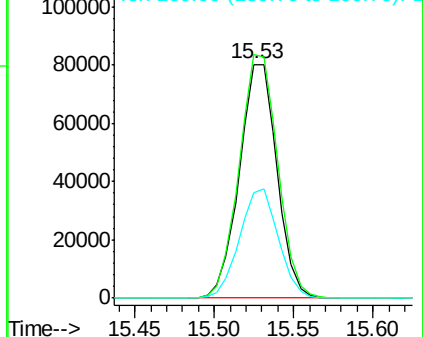


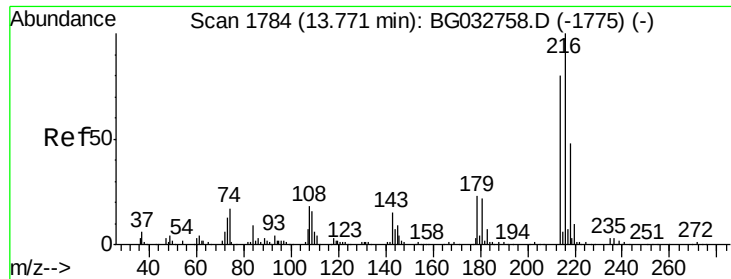
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:164 Resp: 131767
Ion Ratio Lower Upper
164 100
162 104.2 78.8 118.2
160 45.2 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: 41.517 ng

RT: 13.75 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BG033073.D

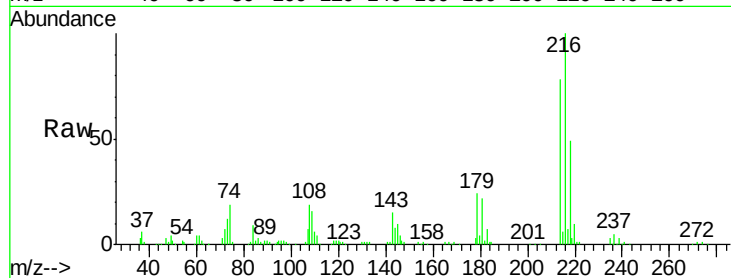
Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	216	Resp:	162397
Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.4
179	22.7	17.0	25.6
108	23.3	12.8	19.2#

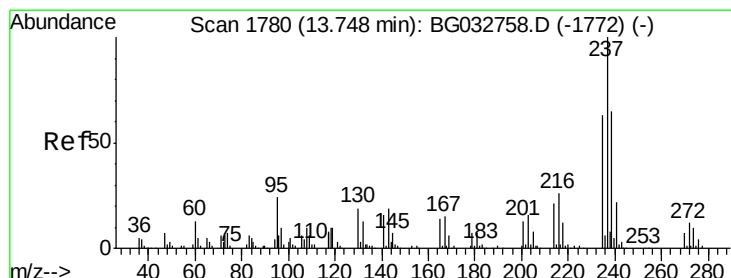
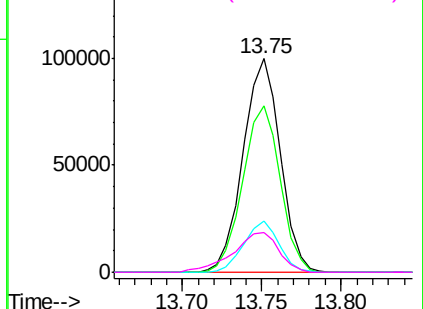
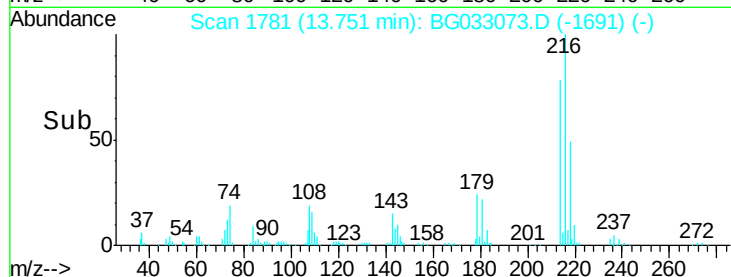


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 98.275 ng

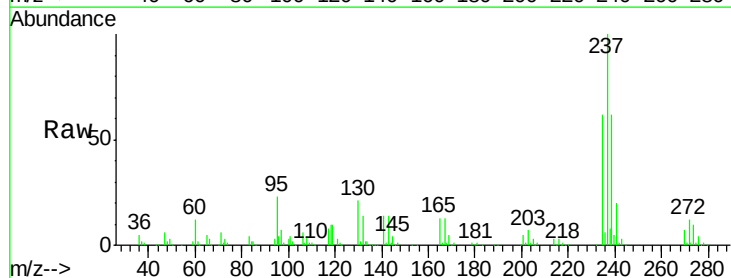
RT: 13.72 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

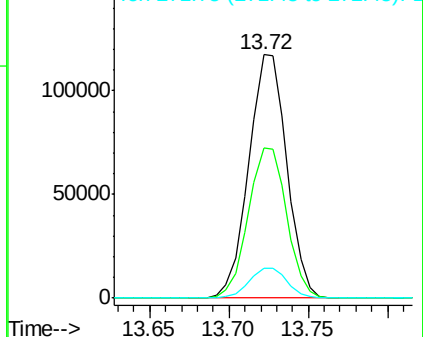
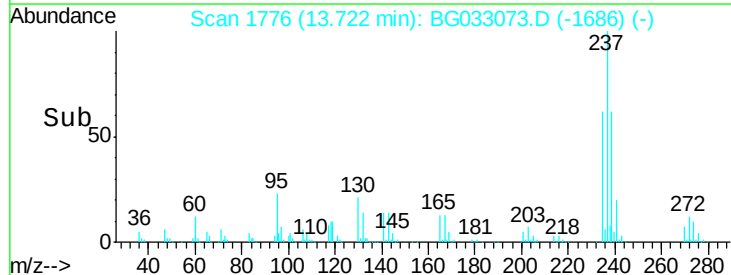
Tgt Ion:	237	Resp:	195907
Ion	Ratio	Lower	Upper
237	100		
235	61.7	50.4	90.4
272	12.3	0.0	31.8

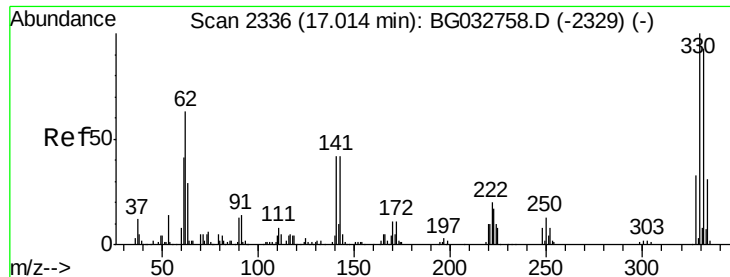


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

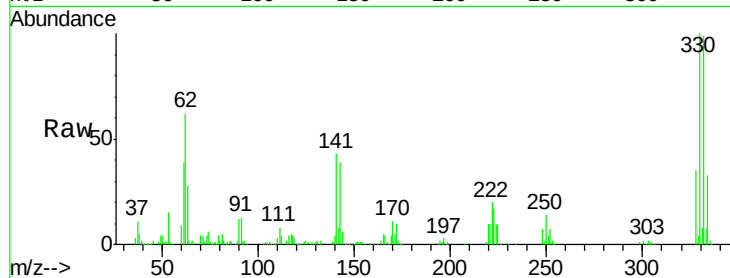




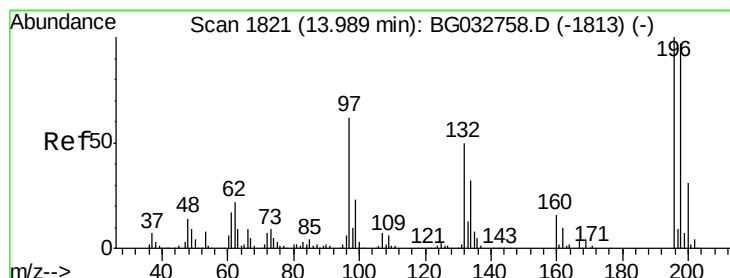
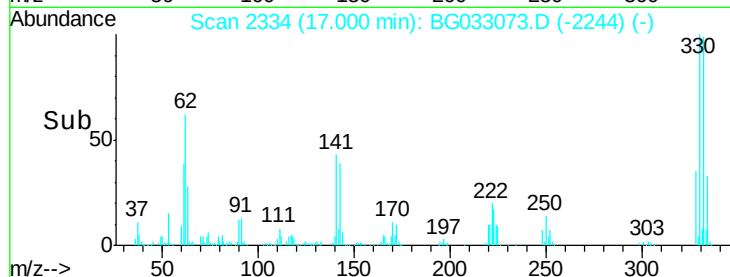
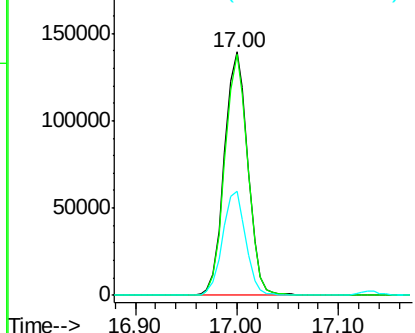
#41
 2,4,6-Tribromophenol
 Concen: 161.982 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 224424
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 42.0 25.2 37.8#

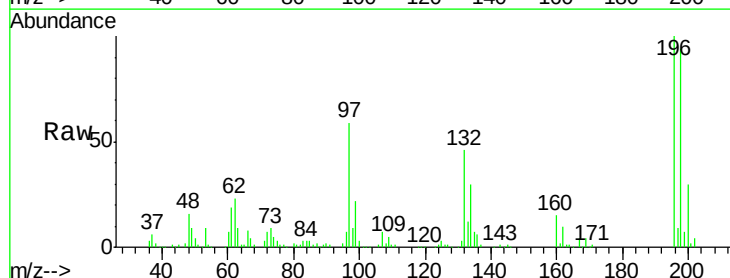


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

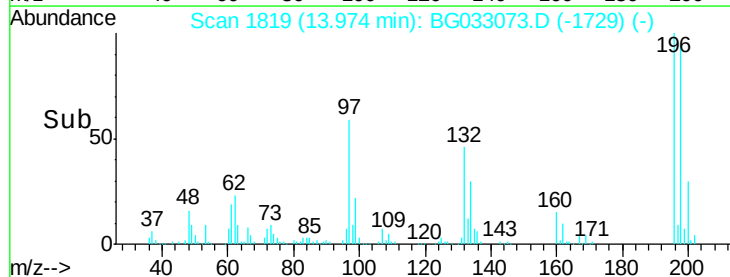
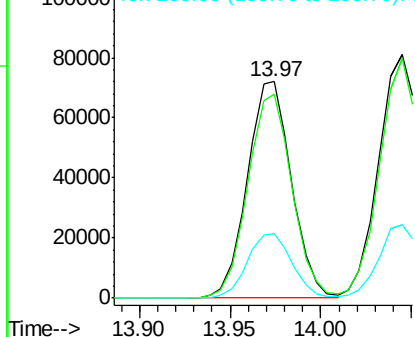


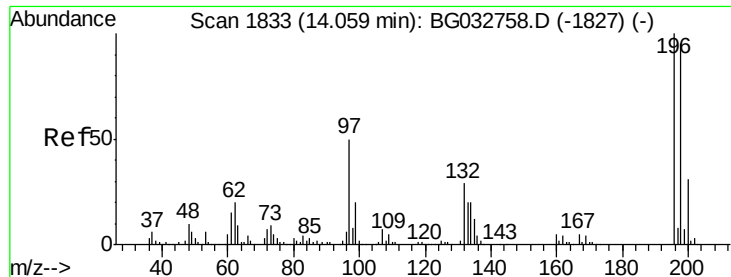
#42
 2,4,6-Trichlorophenol
 Concen: 49.774 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion:196 Resp: 122780
 Ion Ratio Lower Upper
 196 100
 198 94.4 78.2 117.2
 200 30.0 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

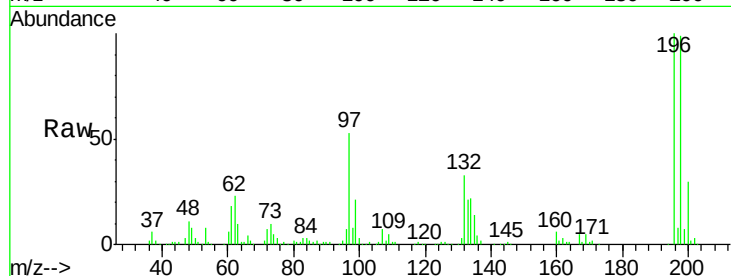




#43
 2,4,5-Trichlorophenol
 Concen: 47.755 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.6	76.2	114.4
97	52.9	38.7	58.1
132	32.8	20.2	30.2



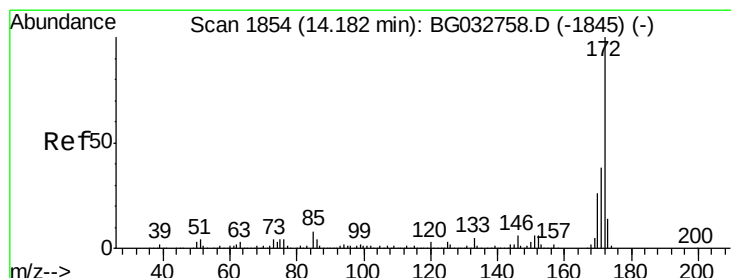
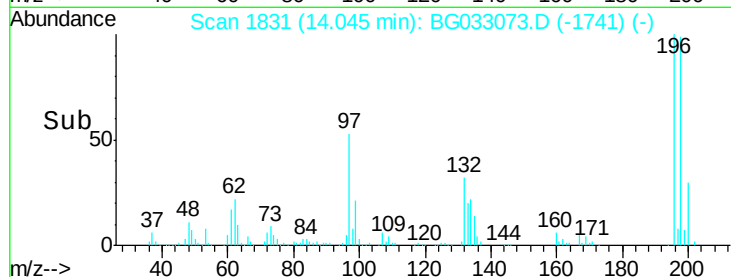
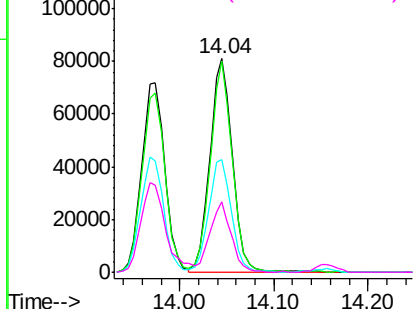
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

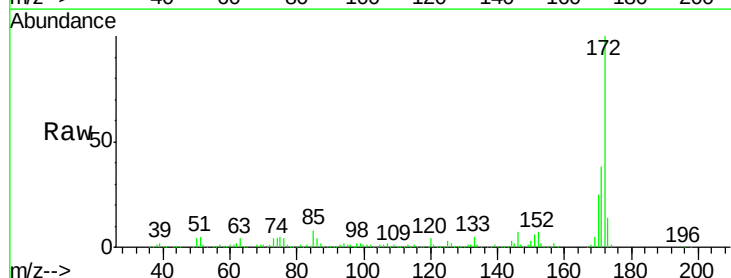
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 87.313 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.2	19.5	29.3

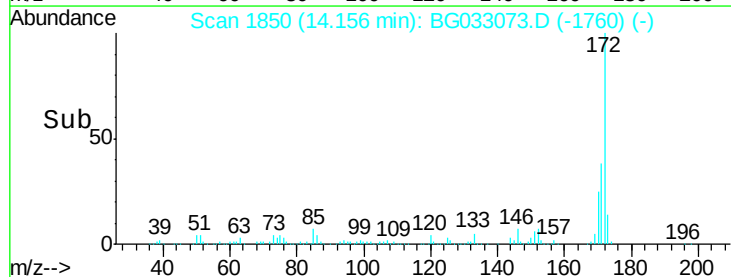
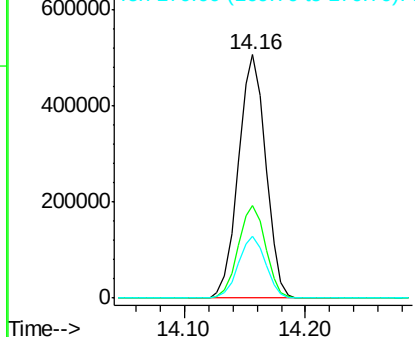


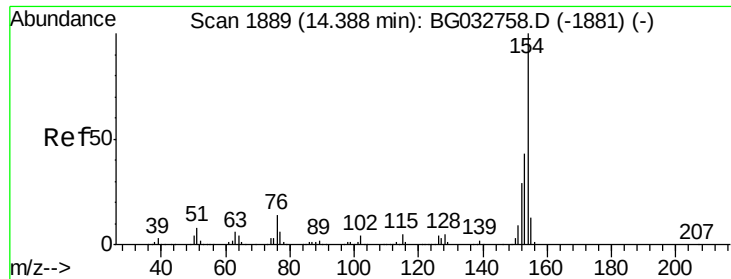
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

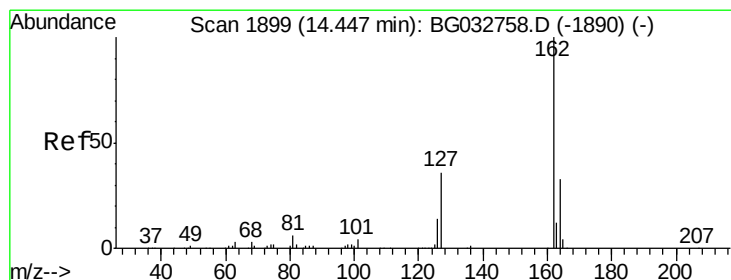
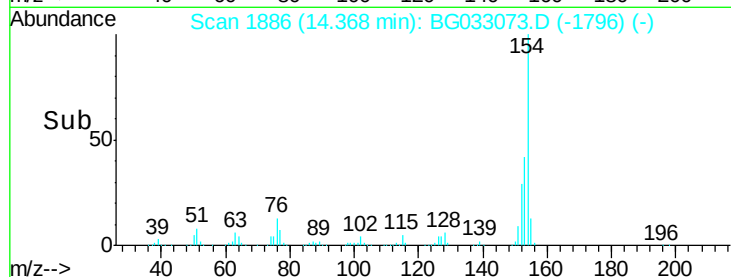
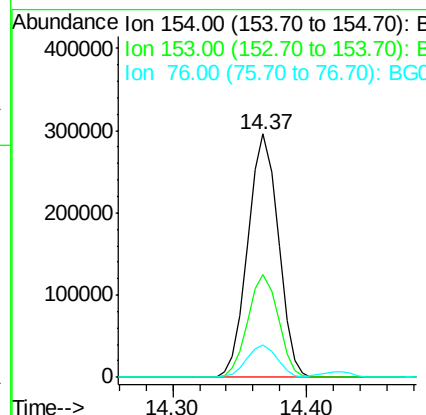
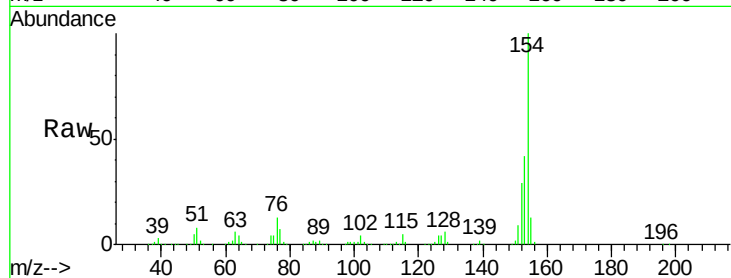




#45
 1,1'-Biphenyl
 Concen: 40.477 ng
 RT: 14.37 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

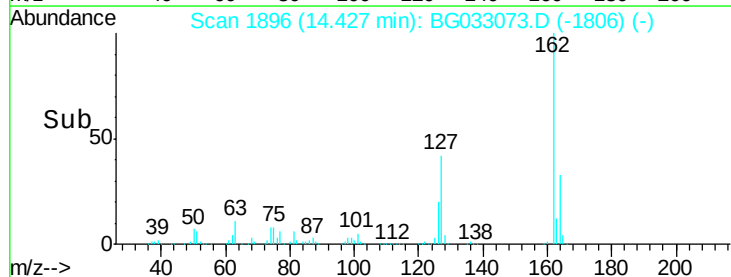
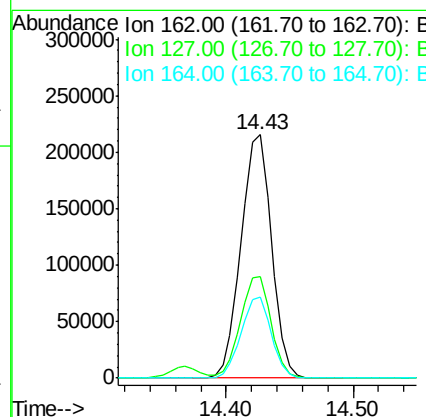
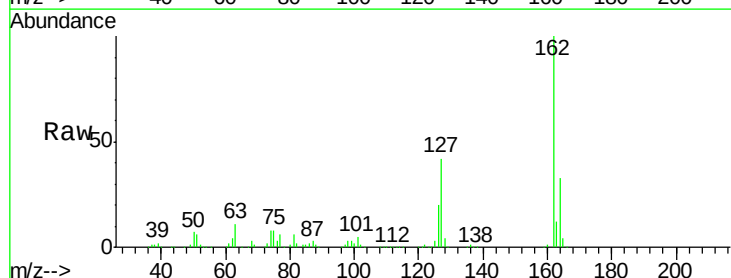
Instrument :
 BNA_G
 ClientSampleId :

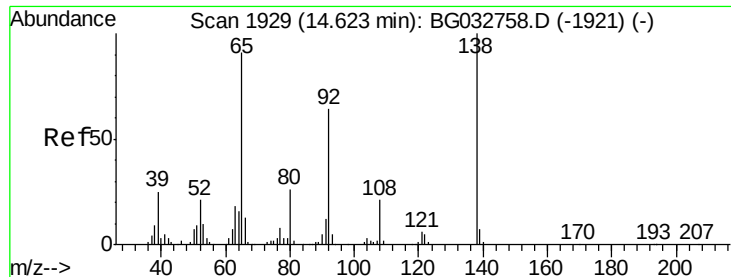
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.5	19.8	59.8
76	13.5	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.817 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	30.7	46.1
164	33.1	26.0	39.0

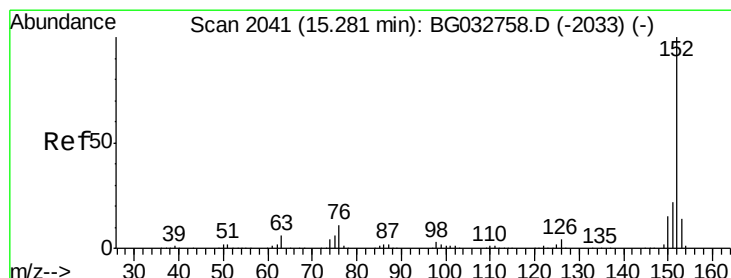
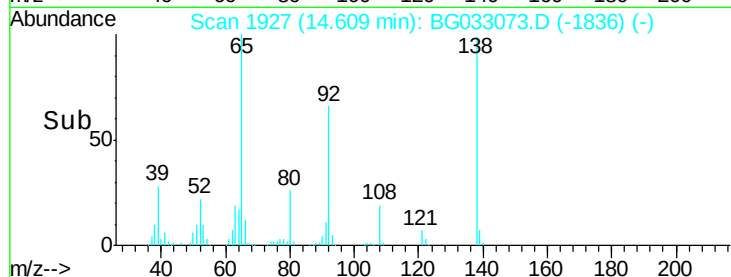
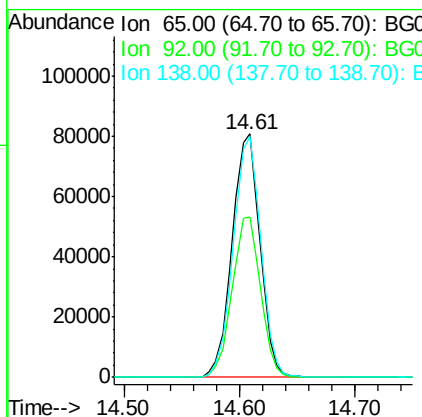
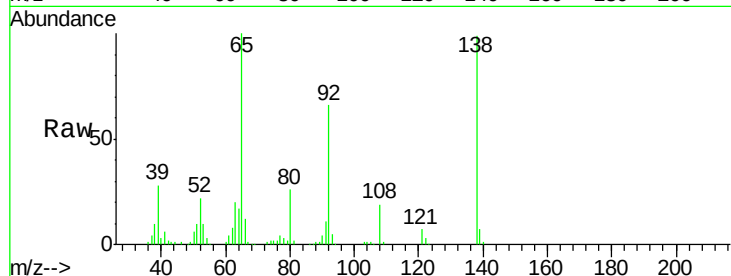




#47
2-Nitroaniline
Concen: 59.366 ng
RT: 14.61 min Scan# 1927
Delta R.T. 0.01 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

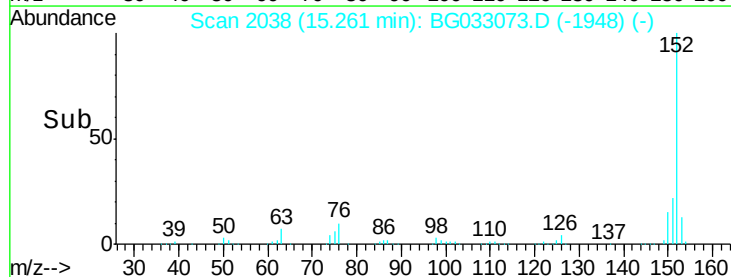
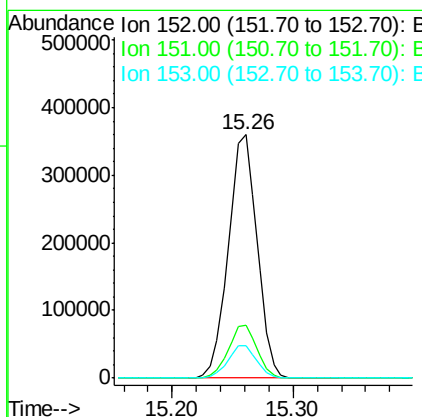
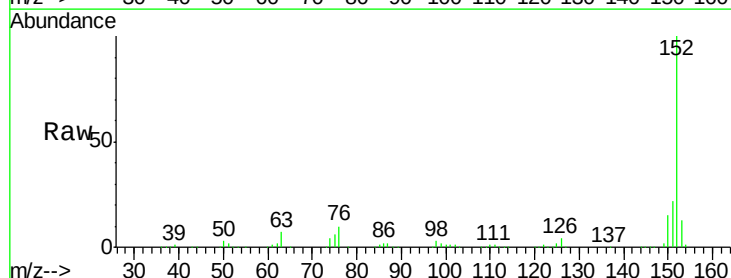
Instrument :
BNA_G
ClientSampled :

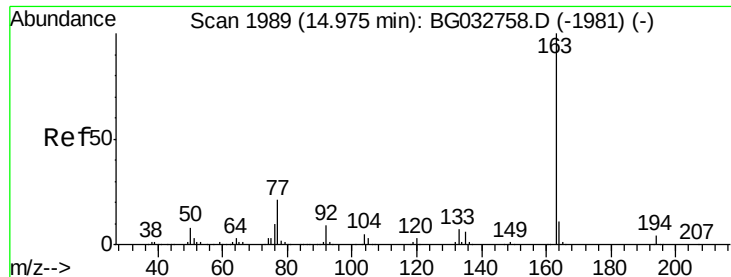
Tot Ion: 65 Resp: 135129
Ion Ratio Lower Upper
65 100
92 66.0 54.6 82.0
138 98.8 72.9 109.3



#48
Acenaphthylene
Concen: 42.284 ng
RT: 15.26 min Scan# 2038
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion: 152 Resp: 595451
Ion Ratio Lower Upper
152 100
151 21.7 17.2 25.8
153 13.1 10.2 15.4





#49

Dimethylphthalate

Concen: 42.711 ng

RT: 14.95 min Scan# 1985

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

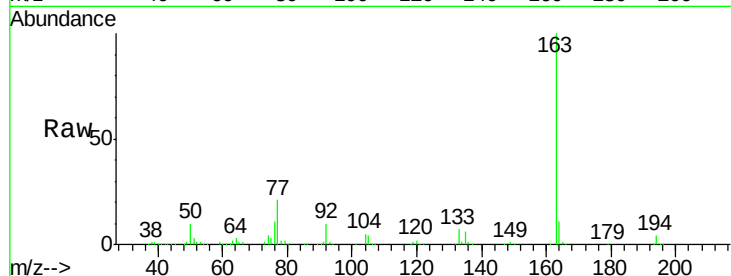
Tot Ion:163 Resp: 477865

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

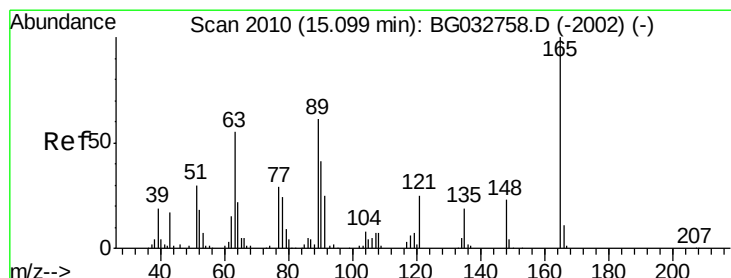
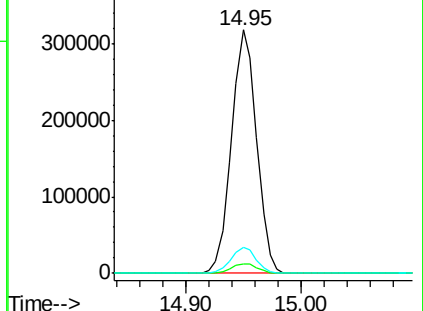
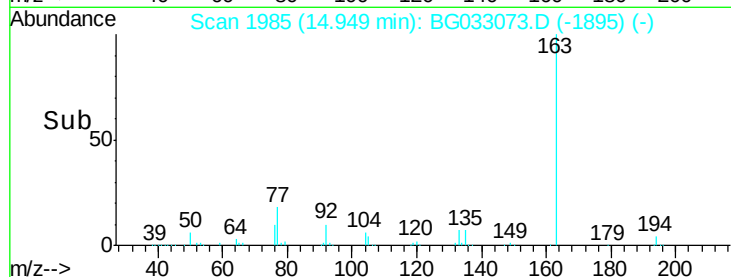
164 10.6 8.2 12.4



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: 56.203 ng

RT: 15.08 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

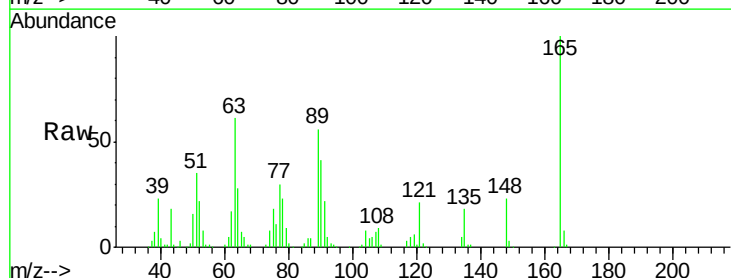
Tgt Ion:165 Resp: 107535

Ion Ratio Lower Upper

165 100

63 61.4 52.7 79.1

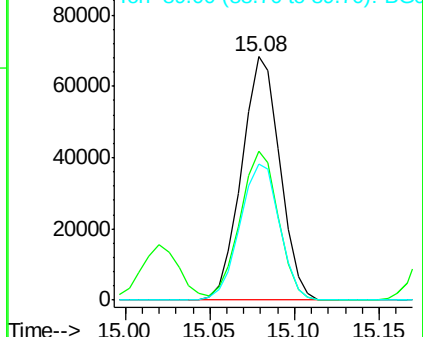
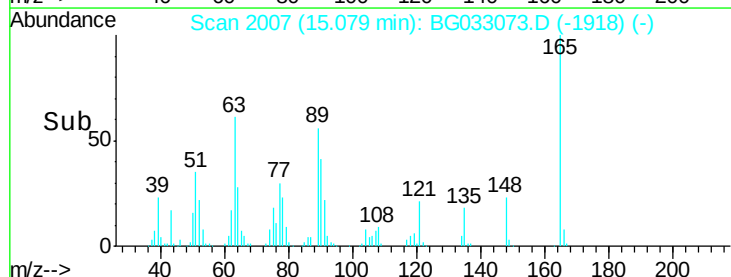
89 55.9 49.2 73.8

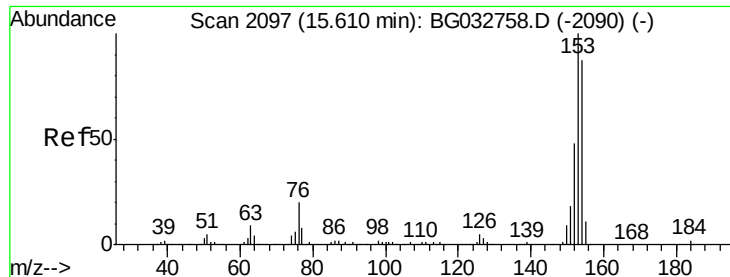


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 46.338 ng

RT: 15.59 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

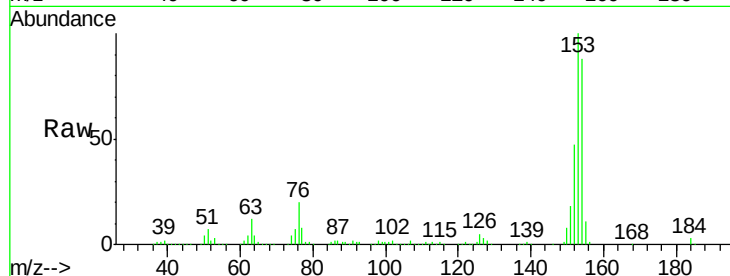
Tot Ion:154 Resp: 406392

Ion Ratio Lower Upper

154 100

153 114.0 90.4 135.6

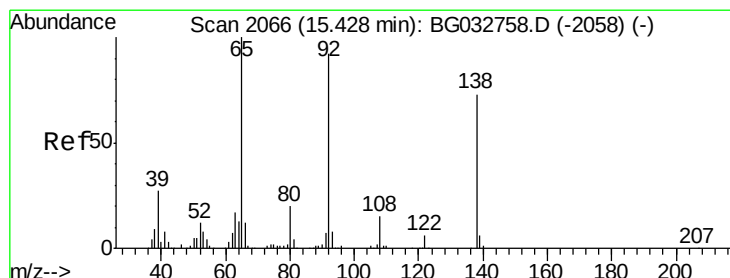
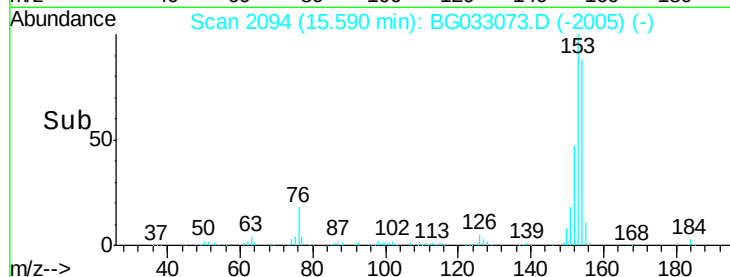
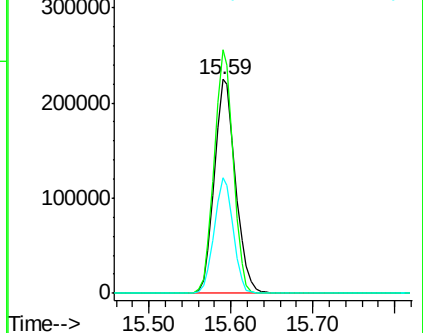
152 53.9 41.6 62.4



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: 23.703 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

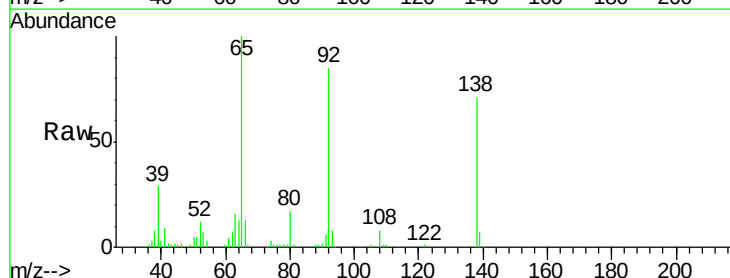
Tgt Ion:138 Resp: 43923

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

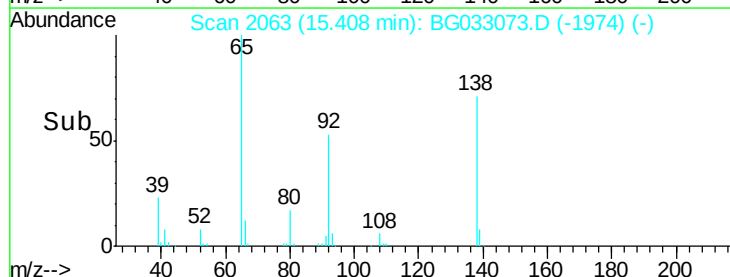
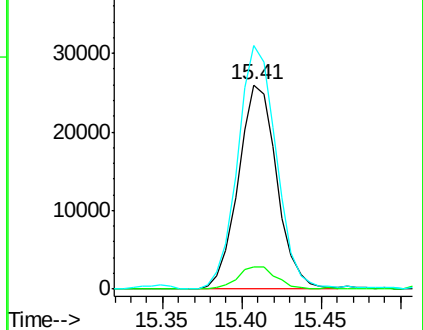
92 119.4 105.8 158.8

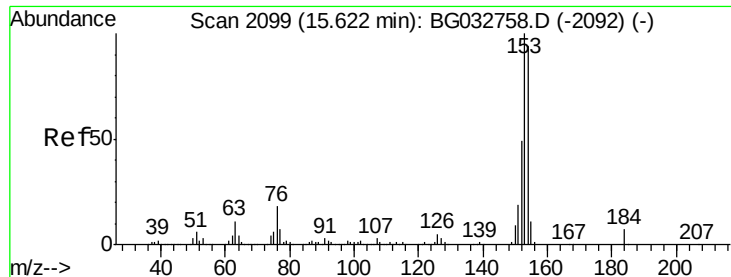


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

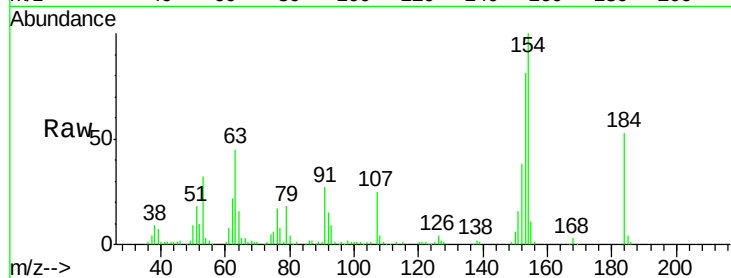




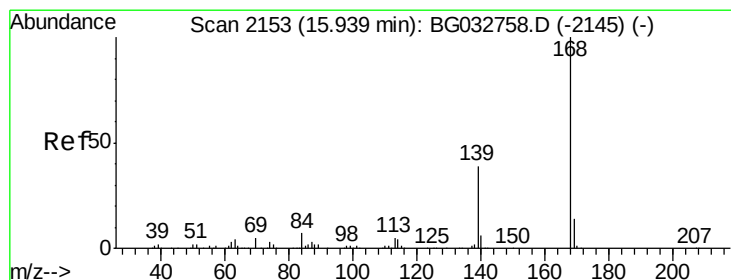
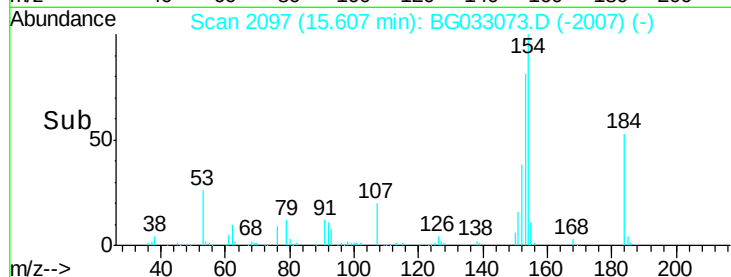
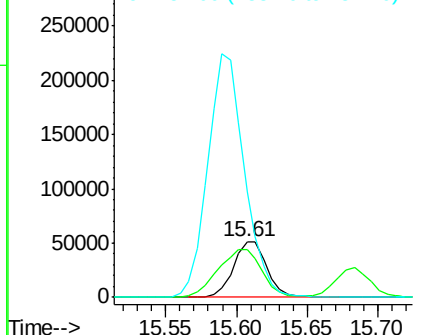
#53
 2,4-Dinitrophenol
 Concen: 121.949 ng
 RT: 15.61 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 85540
 Ion Ratio Lower Upper
 184 100
 63 85.1 59.8 89.8
 154 187.8 101.8 152.8#

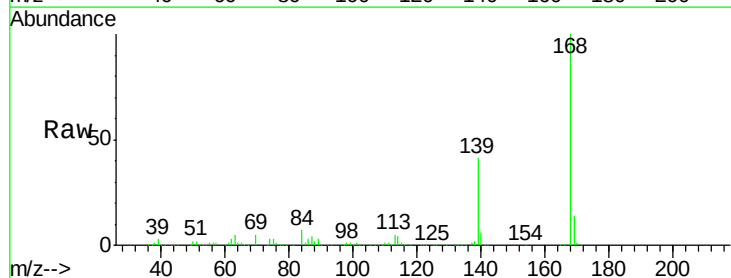


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

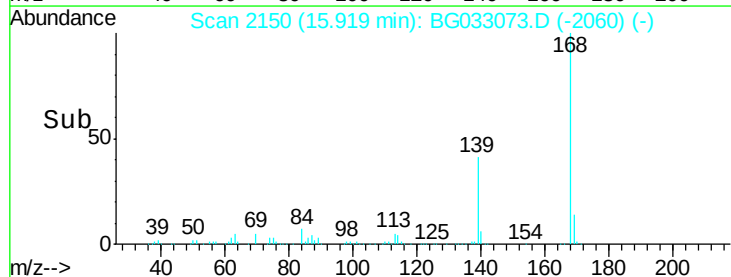
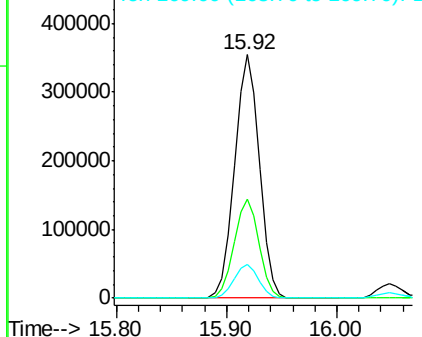


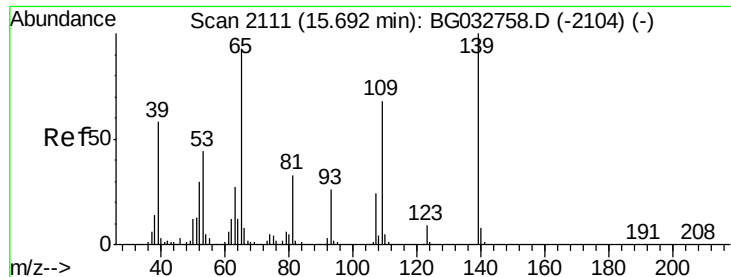
#54
 Dibenzofuran
 Concen: 44.583 ng
 RT: 15.92 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion:168 Resp: 556731
 Ion Ratio Lower Upper
 168 100
 139 40.7 28.6 43.0
 169 13.7 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

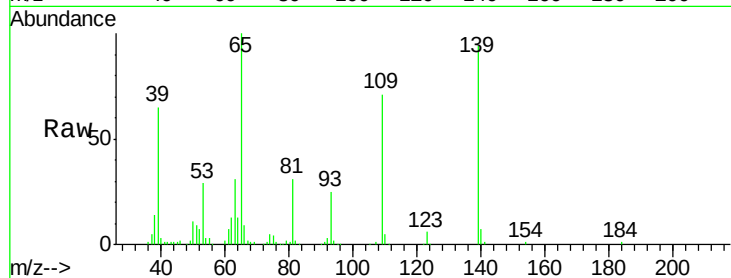




#55
4-Nitrophenol
Concen: 82.145 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	75.8	62.2	102.2
65	106.9	97.2	137.2

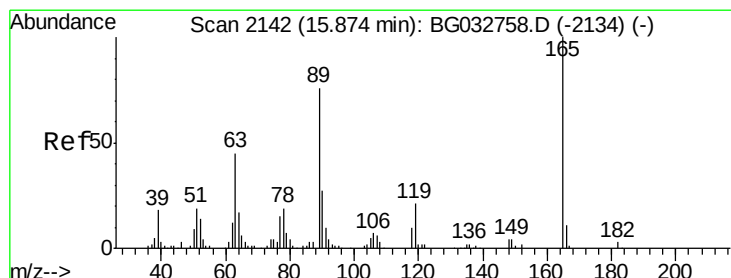
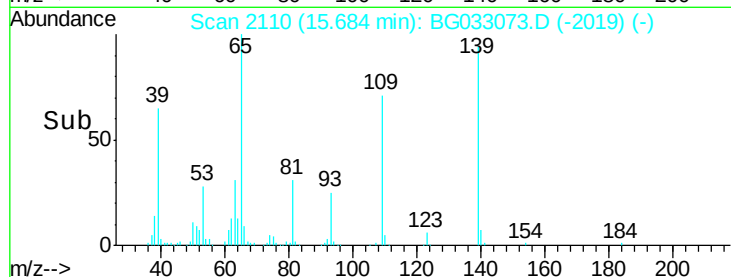
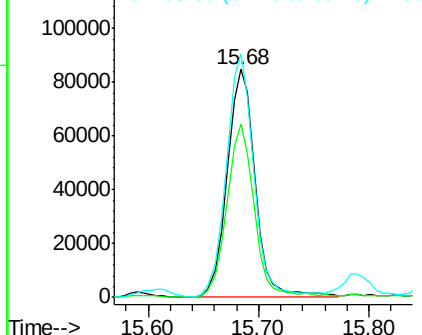


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 63.858 ng
RT: 15.85 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	42.0	63.0
89	71.7	66.9	100.3
182	2.4	2.6	3.8#

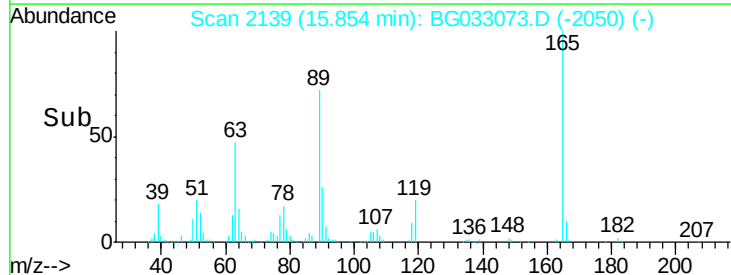
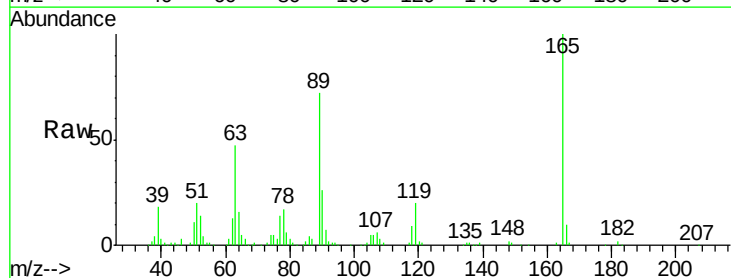
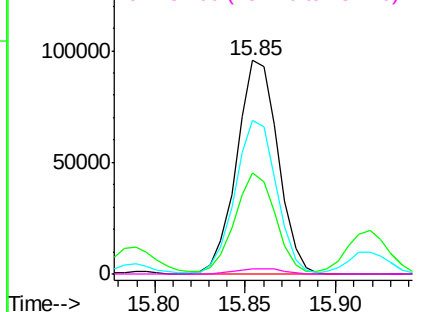
Abundance

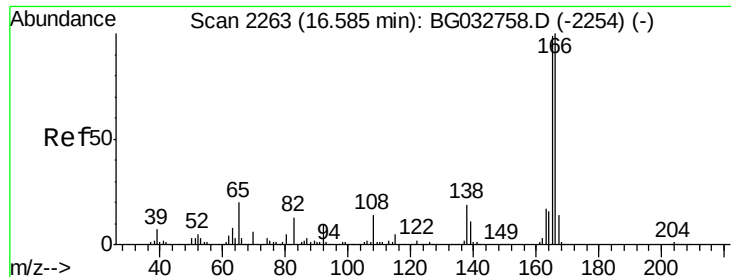
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.731 ng

RT: 16.56 min Scan# 2259

Delta R.T. -0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

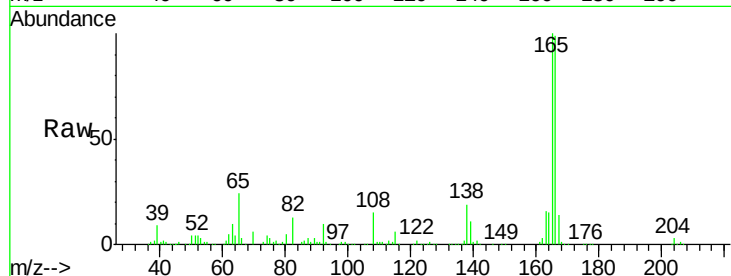
Tot Ion:166 Resp: 450724

Ion Ratio Lower Upper

166 100

165 100.8 80.6 121.0

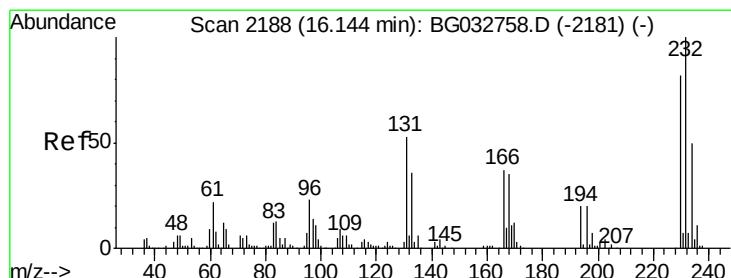
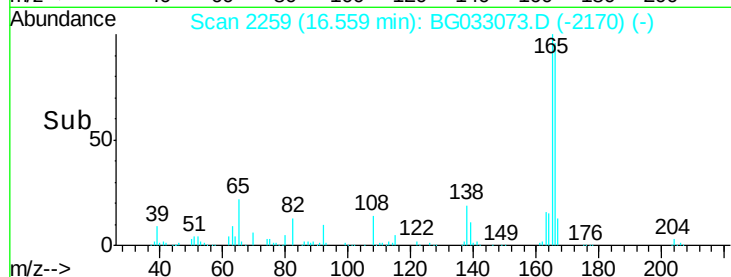
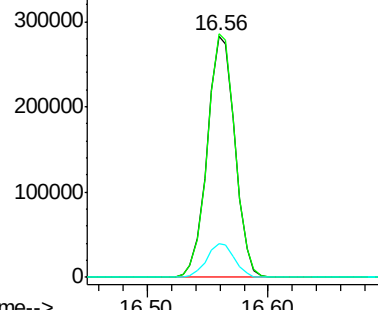
167 14.1 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.689 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.08 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Tgt Ion:232 Resp: 114573

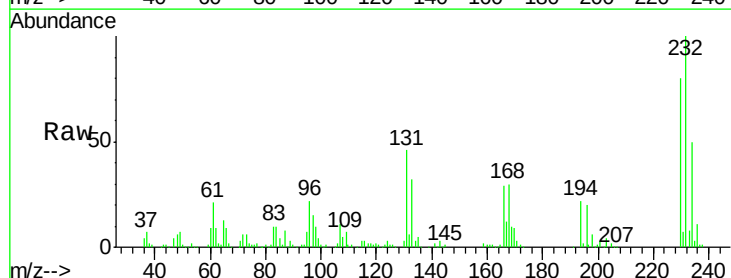
Ion Ratio Lower Upper

232 100

131 45.9 33.5 50.3

130 3.0 2.2 3.2

166 28.4 24.8 37.2

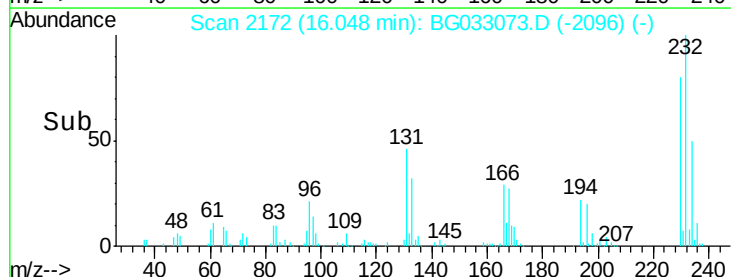
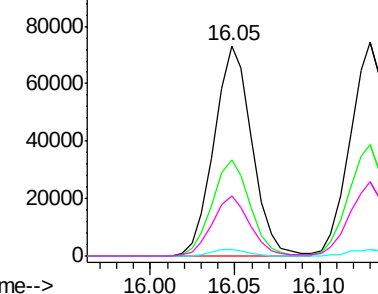


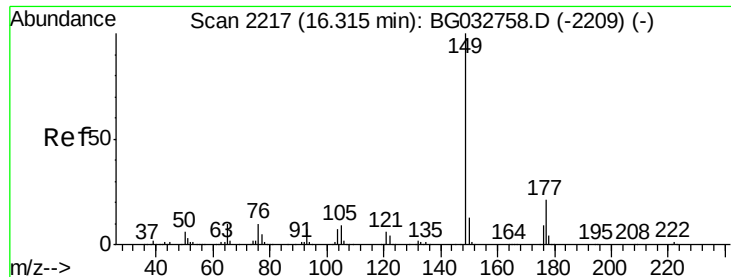
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

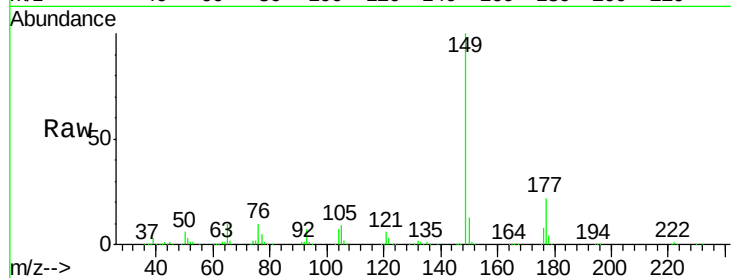




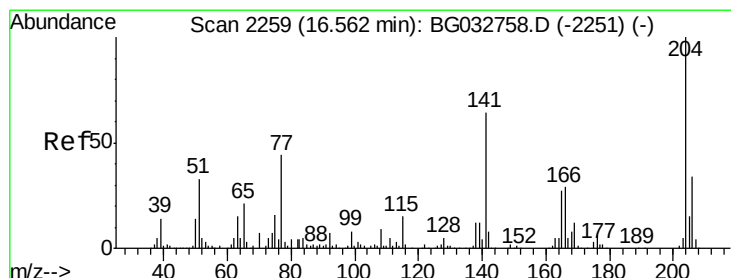
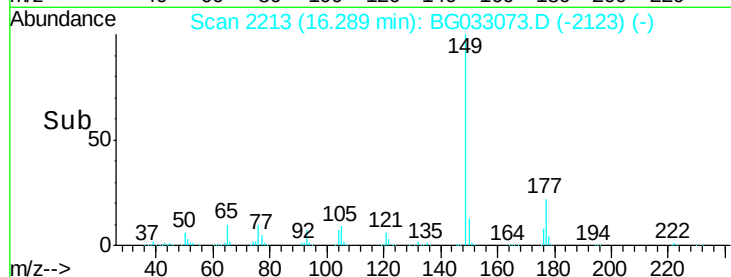
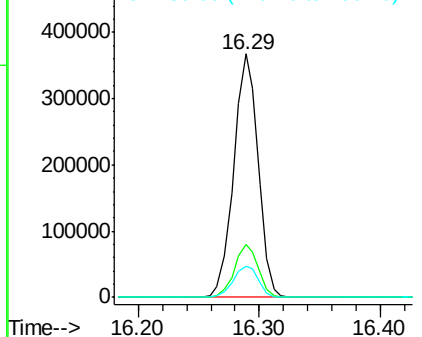
#59
Diethylphthalate
Concen: 43.598 ng
RT: 16.29 min Scan# 2213
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:149 Resp: 514487
Ion Ratio Lower Upper
149 100
177 21.5 18.5 27.7
150 12.9 10.2 15.2

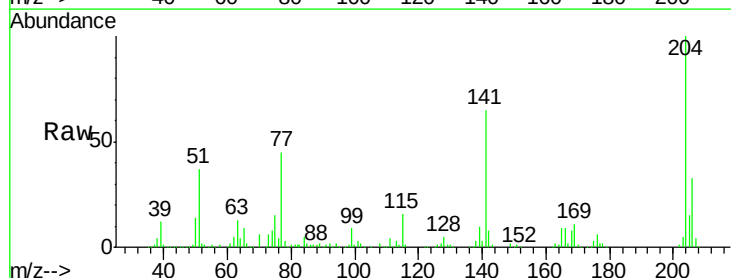


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

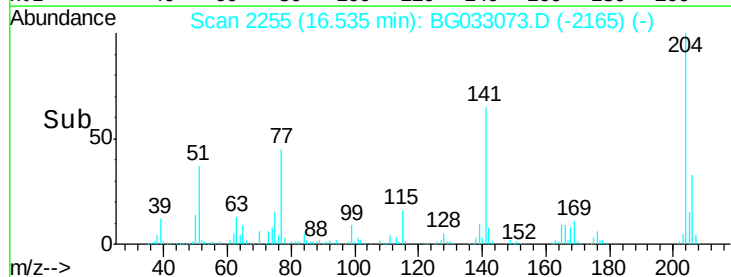
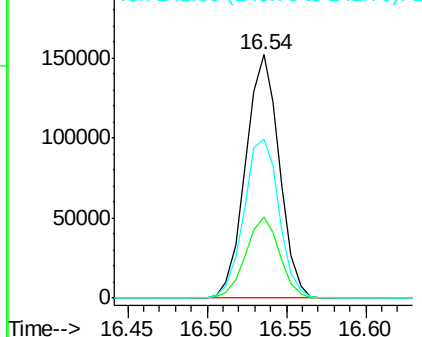


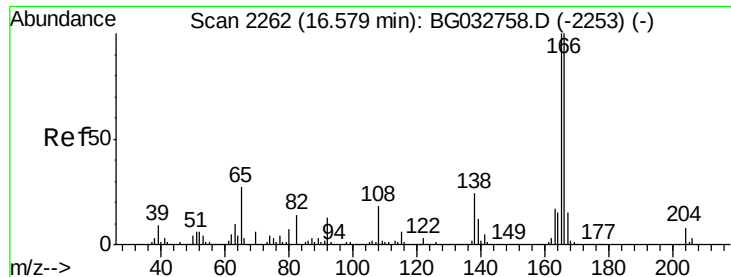
#60
4-Chlorophenyl-phenylether
Concen: 44.437 ng
RT: 16.54 min Scan# 2255
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:204 Resp: 224052
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 65.3 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: 42.111 ng

RT: 16.56 min Scan# 2260

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

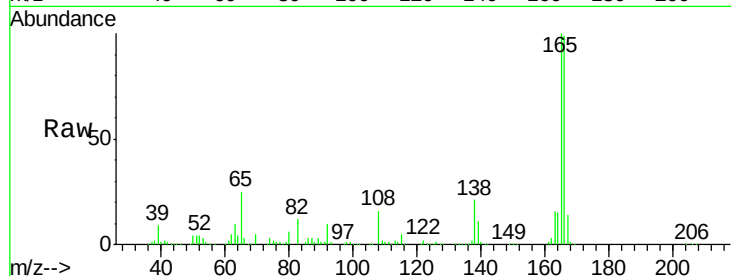
Tot Ion:138 Resp: 100226

Ion Ratio Lower Upper

138 100

92 48.6 40.1 80.1

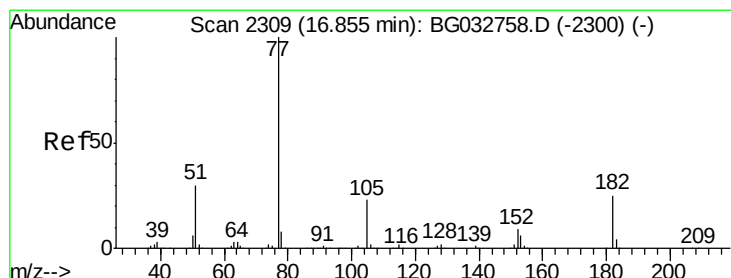
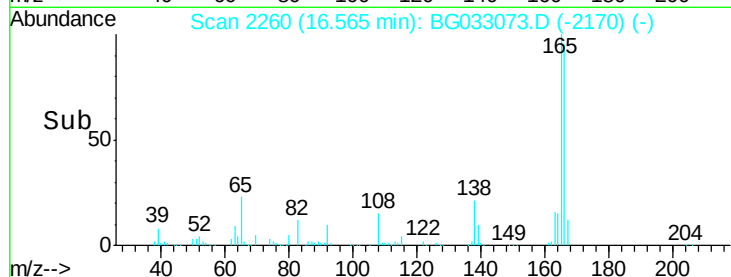
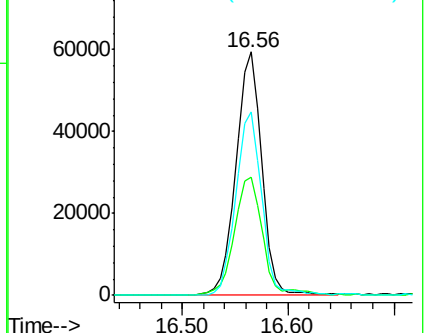
108 75.3 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.091 ng

RT: 16.83 min Scan# 2305

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Tgt Ion: 77 Resp: 476028

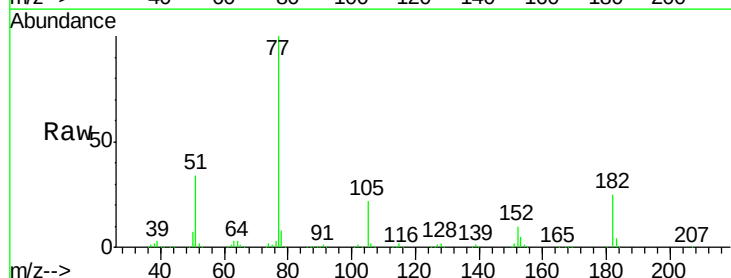
Ion Ratio Lower Upper

77 100

182 24.9 7.4 47.4

105 21.6 0.3 40.3

51 33.9 11.6 51.6

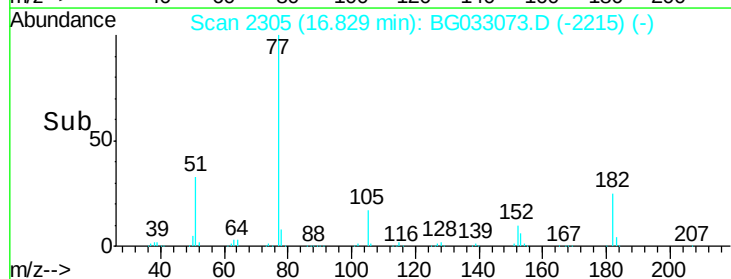
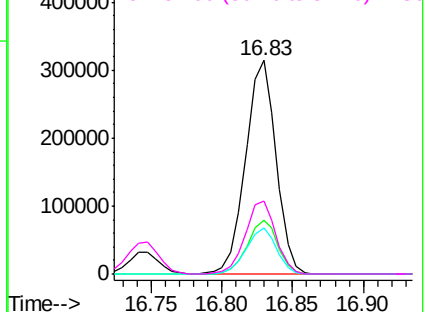


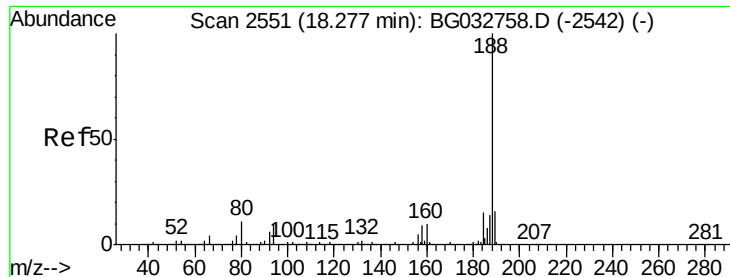
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

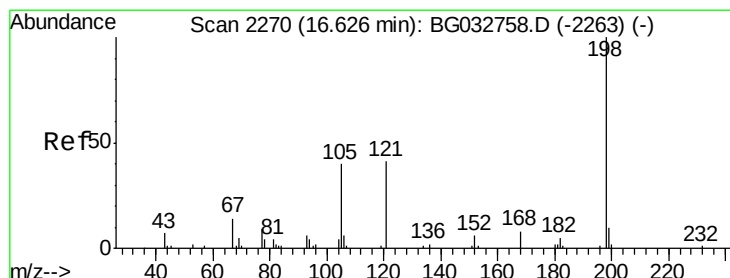
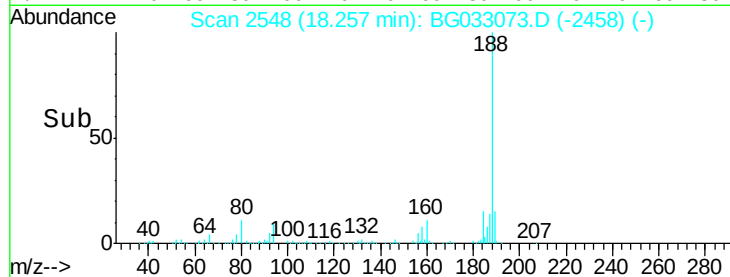
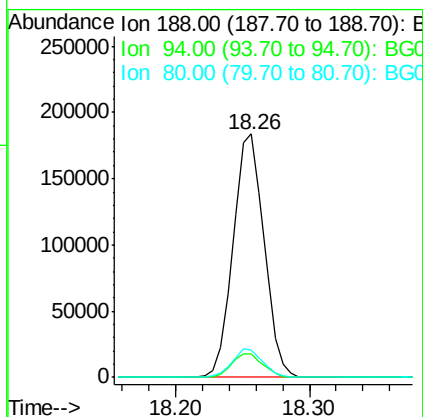
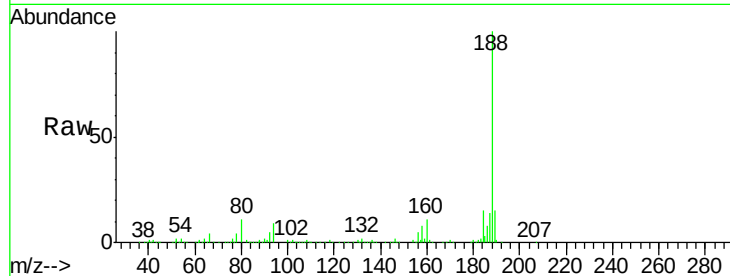




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

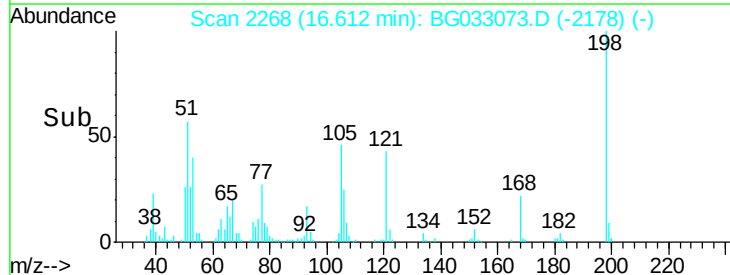
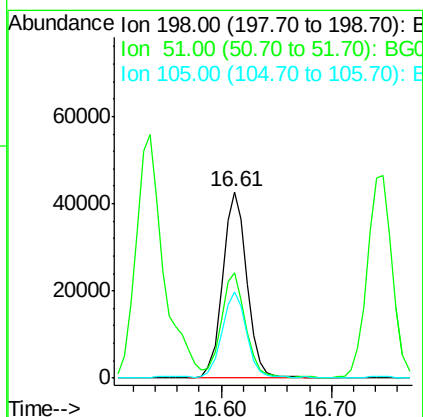
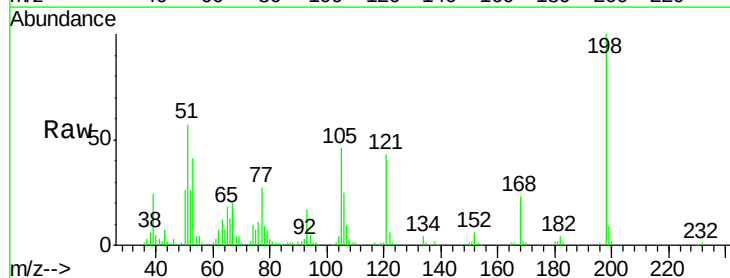
Instrument :
BNA_G
ClientSampled :

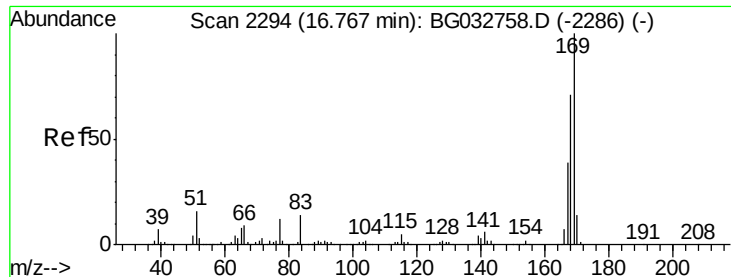
Tot Ion:188 Resp: 295259
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 11.0 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 66.105 ng
RT: 16.61 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:198 Resp: 65458
Ion Ratio Lower Upper
198 100
51 56.7 30.6 70.6
105 46.2 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 42.835 ng

RT: 16.75 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

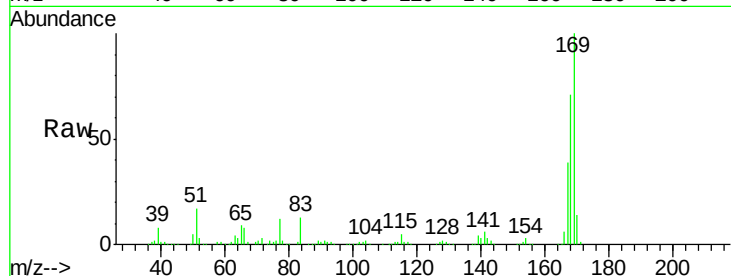
Tot Ion:169 Resp: 411438

Ion Ratio Lower Upper

169 100

168 71.2 55.7 83.5

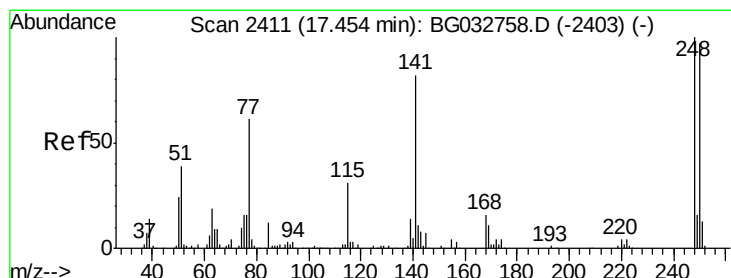
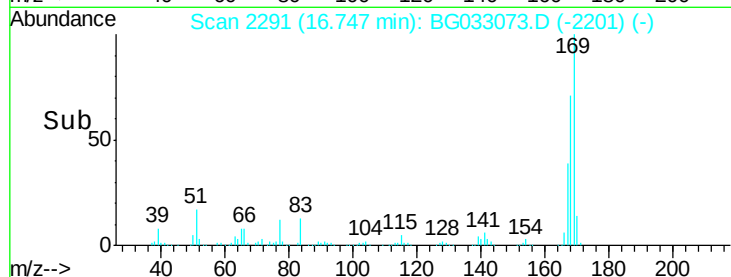
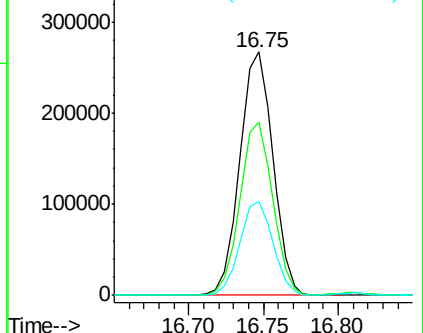
167 38.8 30.1 45.1



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: 44.104 ng

RT: 17.43 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

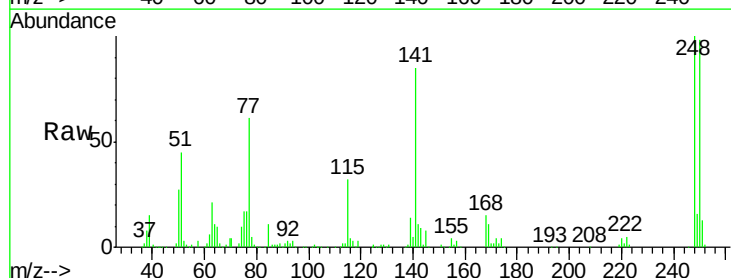
Tgt Ion:248 Resp: 137696

Ion Ratio Lower Upper

248 100

250 98.3 77.1 115.7

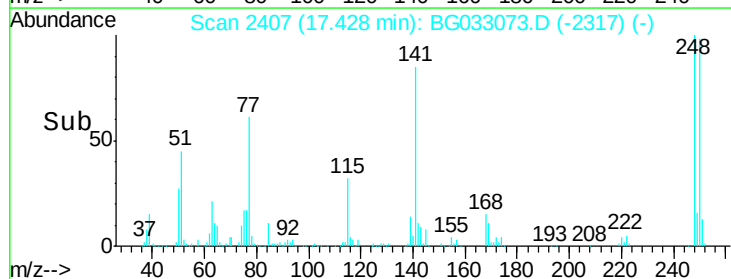
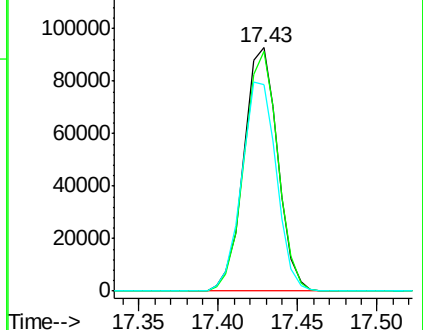
141 85.1 50.8 76.2#

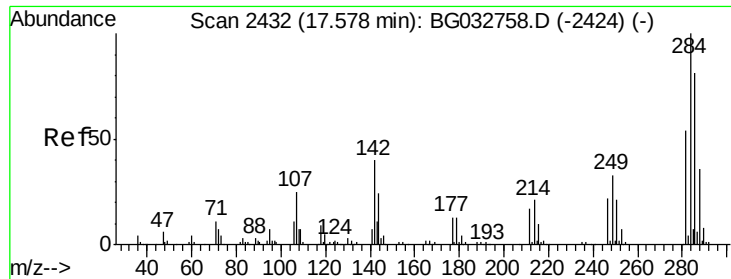


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

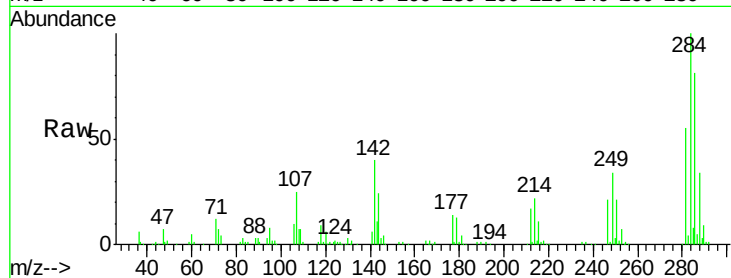




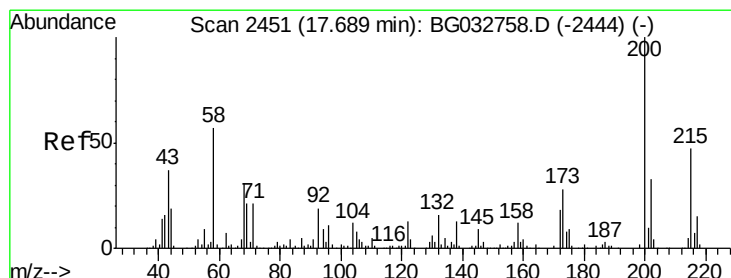
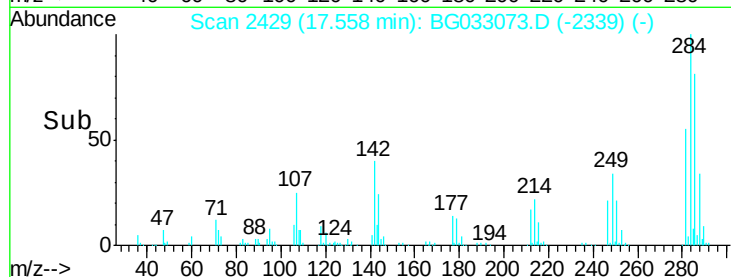
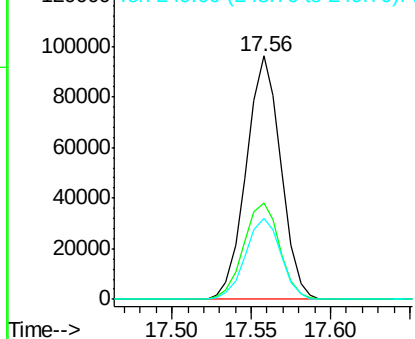
#67
Hexachlorobenzene
Concen: 43.142 ng
RT: 17.56 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 145556
Ion Ratio Lower Upper
284 100
142 39.8 26.8 40.2
249 33.5 26.3 39.5

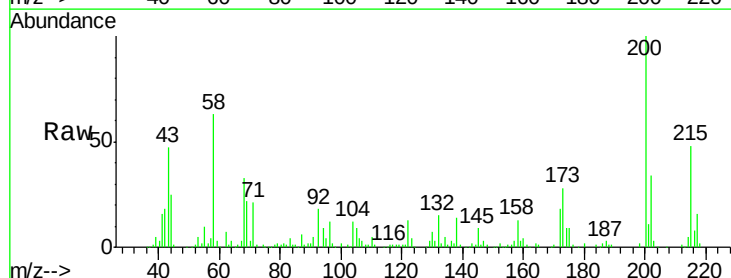


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

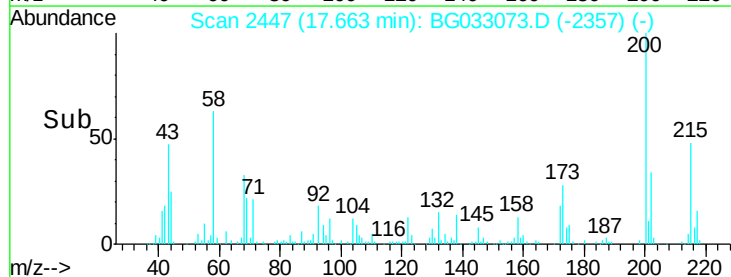
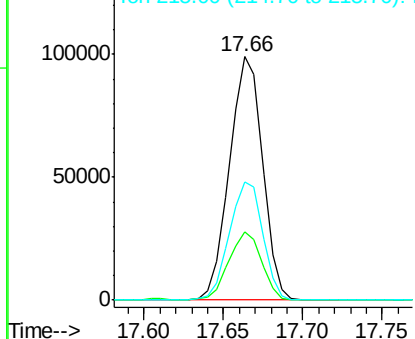


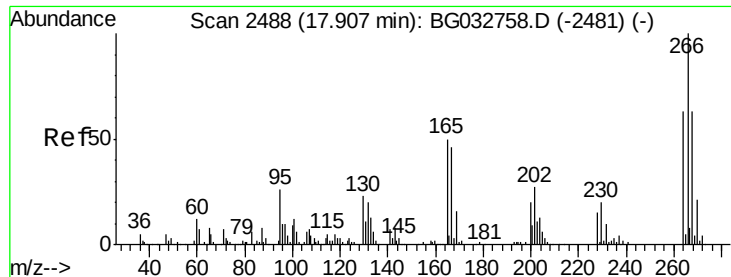
#68
Atrazine
Concen: 45.390 ng
RT: 17.66 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:200 Resp: 143508
Ion Ratio Lower Upper
200 100
173 28.3 5.2 45.2
215 48.3 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

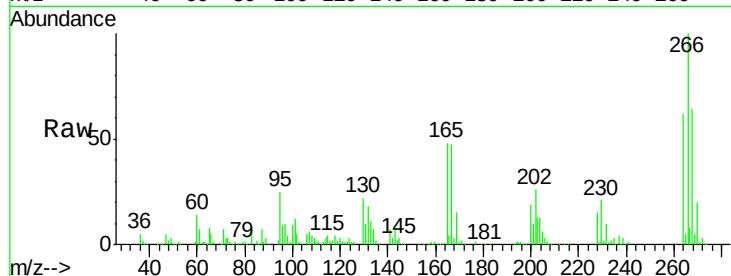




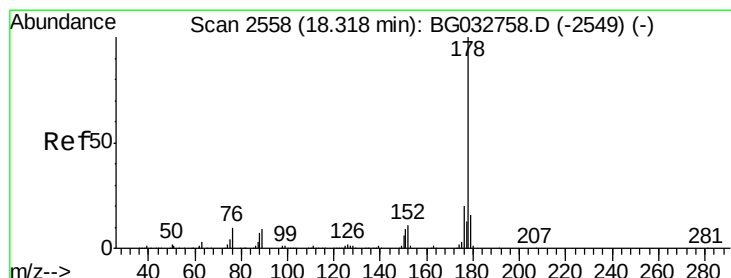
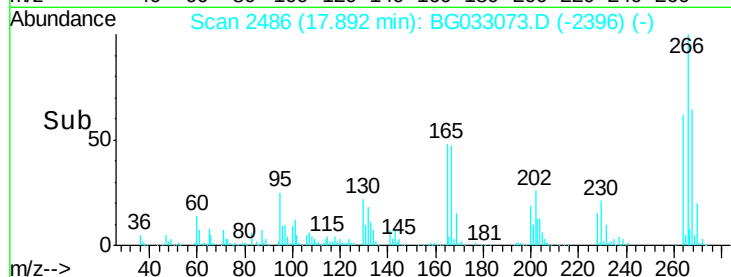
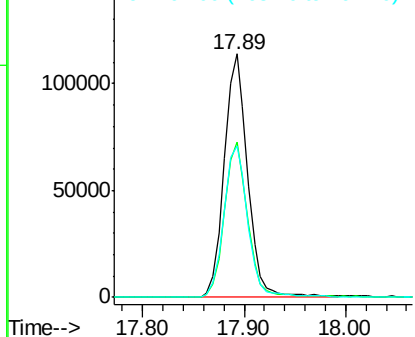
#69
 Pentachlorophenol
 Concen: 85.937 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:266 Resp: 182628
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 62.3 49.6 74.4

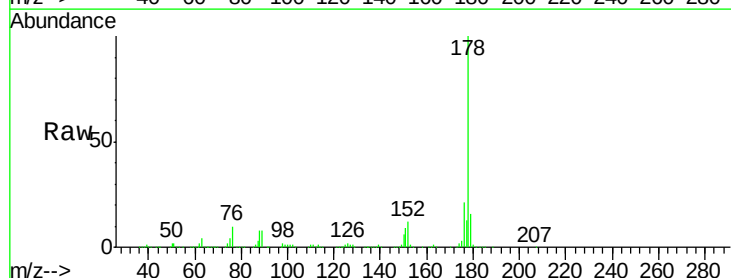


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

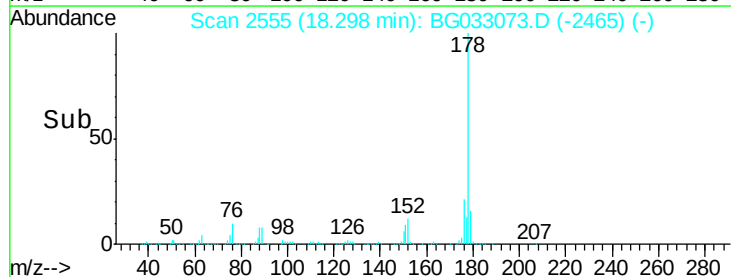
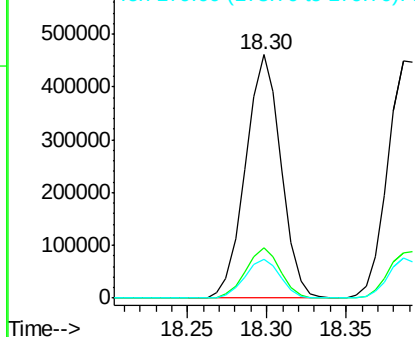


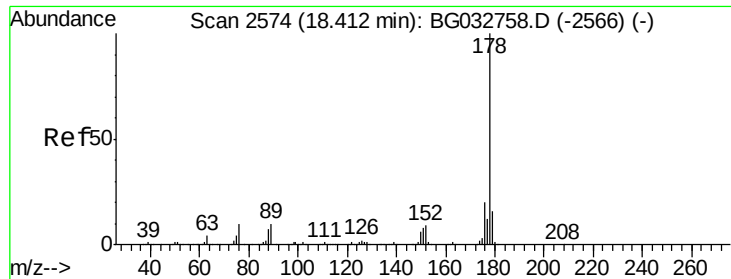
#70
 Phenanthrene
 Concen: 43.402 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion:178 Resp: 714946
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.7 23.5
 179 15.9 12.5 18.7



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

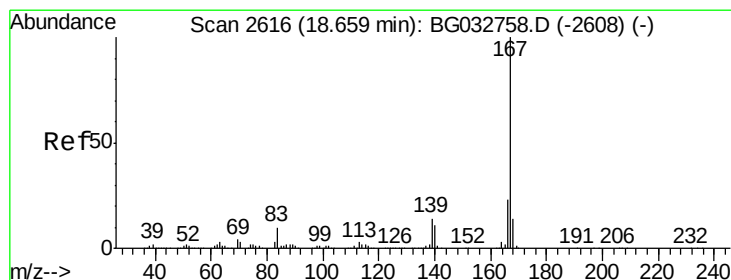
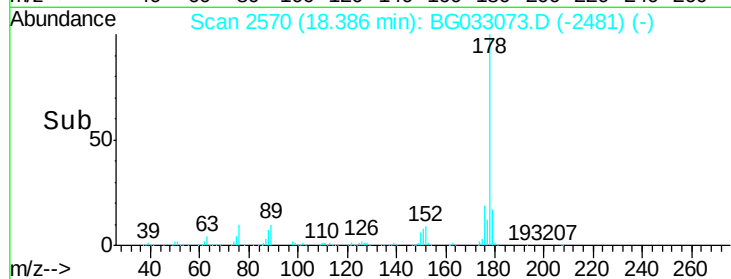
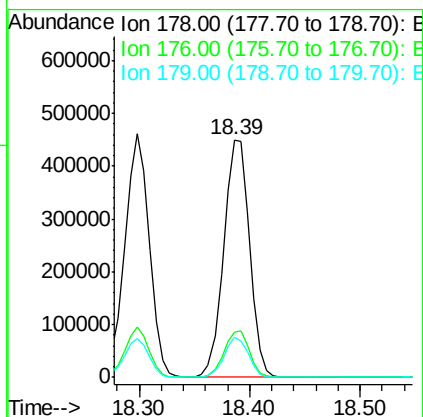
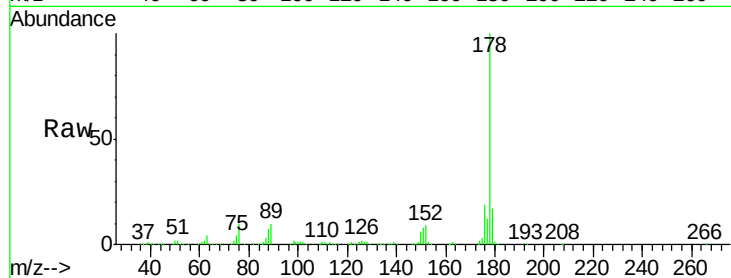




#71
 Anthracene
 Concen: 44.524 ng
 RT: 18.39 min Scan# 2570
 Delta R.T. -0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

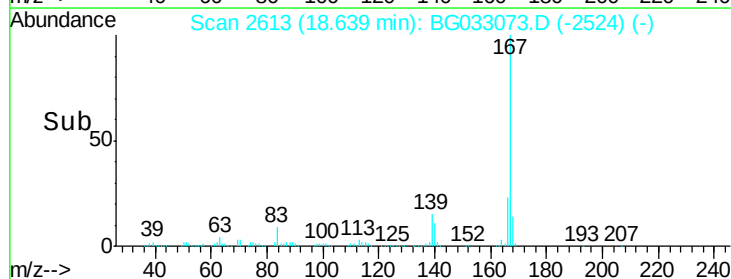
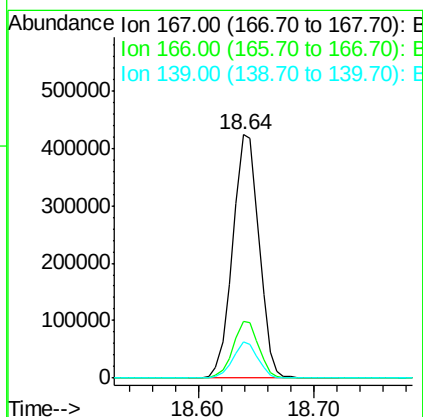
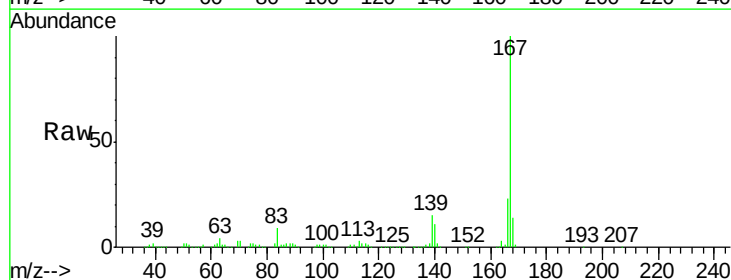
Instrument :
 BNA_G
 ClientSampleId :

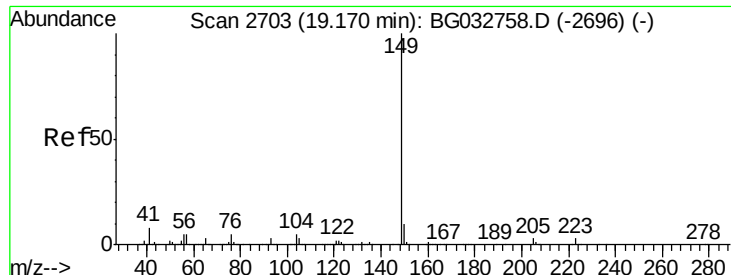
Tot Ion:178 Resp: 736323
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 41.153 ng
 RT: 18.64 min Scan# 2613
 Delta R.T. -0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion:167 Resp: 670815
 Ion Ratio Lower Upper
 167 100
 166 23.2 18.2 27.4
 139 14.8 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 42.462 ng

RT: 19.14 min Scan# 2698

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

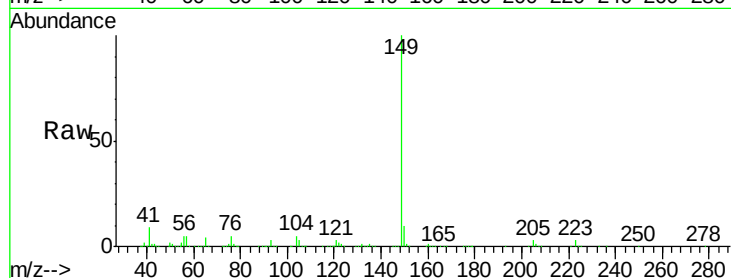
Tot Ion:149 Resp: 849128

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

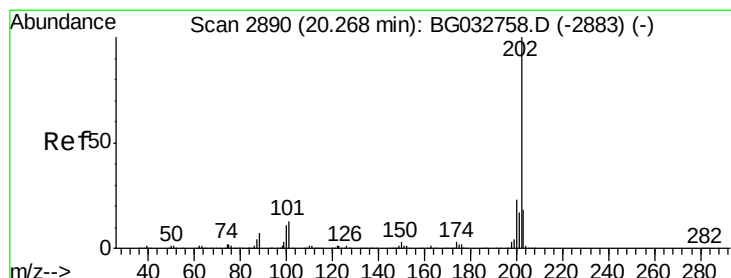
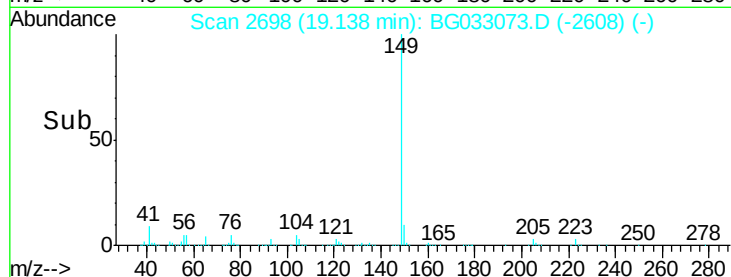
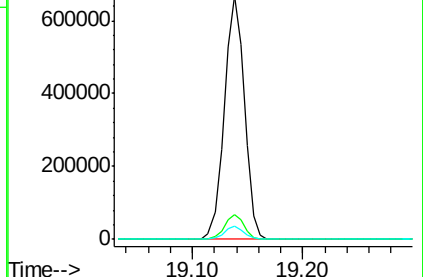
104 5.5 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.857 ng

RT: 20.25 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

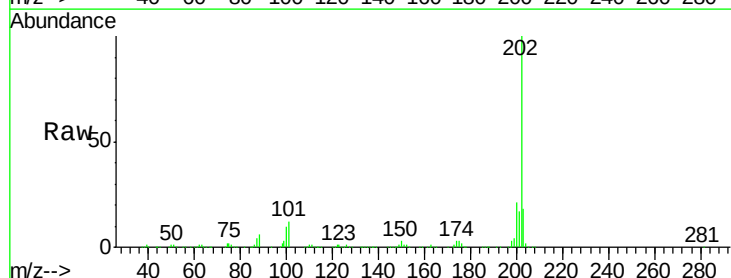
Tgt Ion:202 Resp: 798026

Ion Ratio Lower Upper

202 100

101 11.9 0.0 28.9

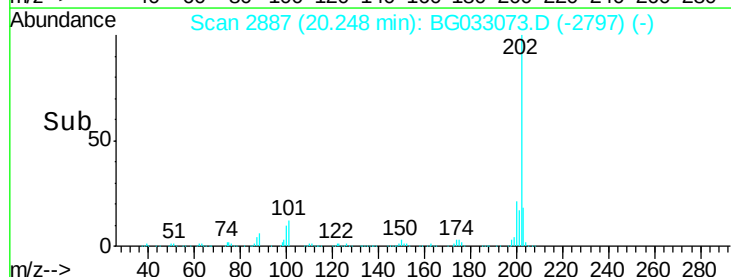
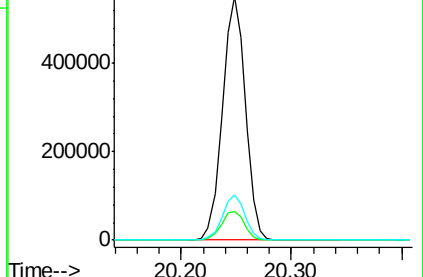
203 18.4 0.0 37.5

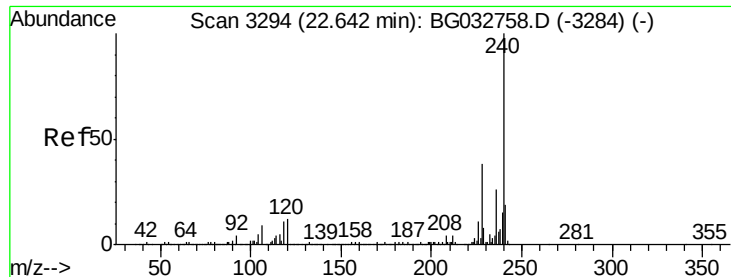


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

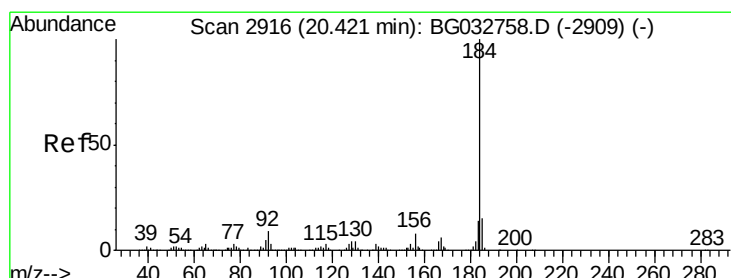
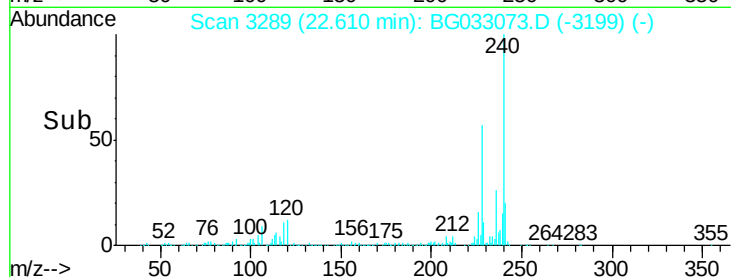
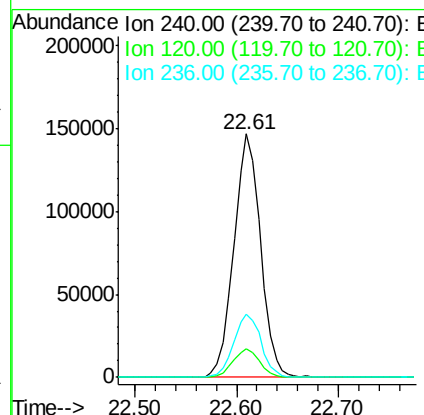
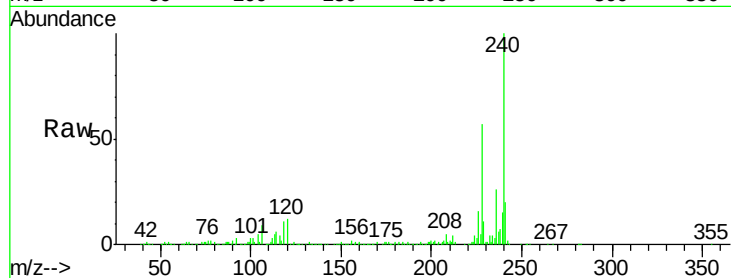




#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.61 min Scan# 3289
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

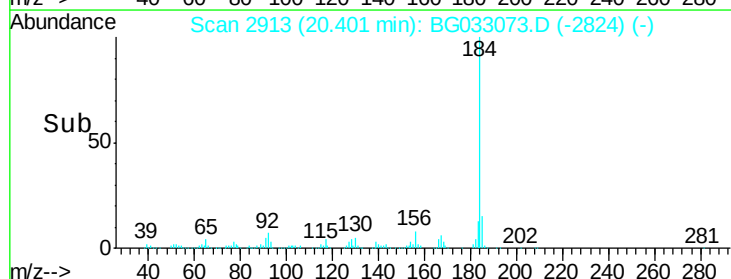
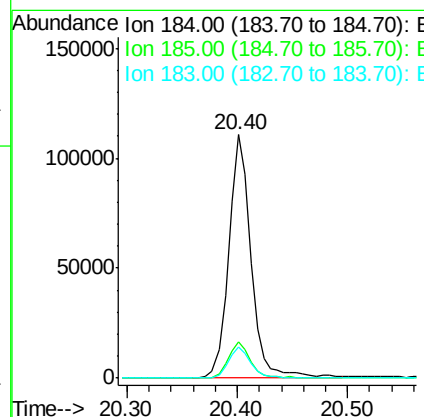
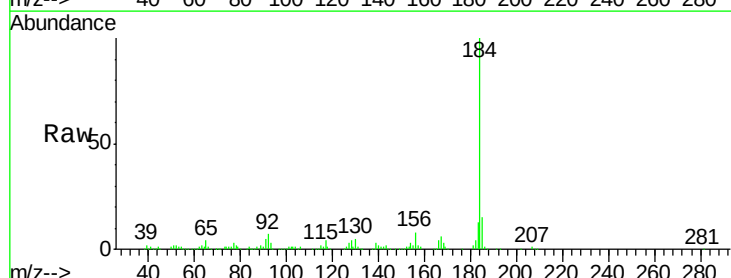
Instrument :
BNA_G
ClientSampleId :

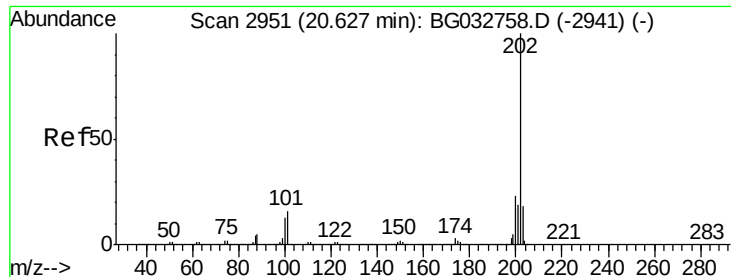
Tot Ion:240 Resp: 267663
Ion Ratio Lower Upper
240 100
120 11.8 6.8 10.2#
236 25.9 20.9 31.3



#76
Benzidine
Concen: 17.218 ng
RT: 20.40 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:184 Resp: 157092
Ion Ratio Lower Upper
184 100
185 14.7 11.1 16.7
183 13.1 10.6 16.0





#77

Pvrene

Concen: 42.315 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG033073.D

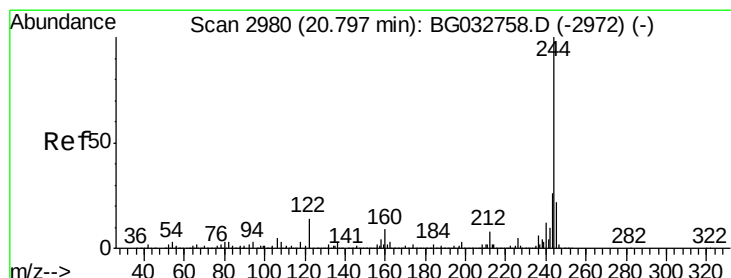
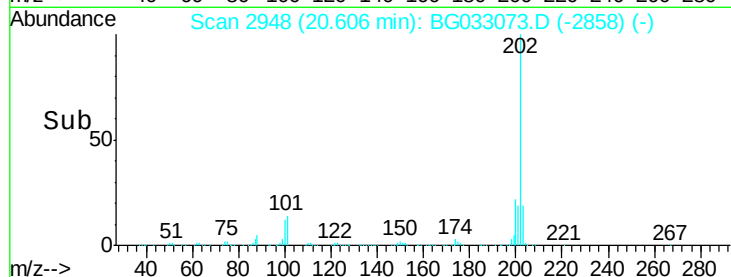
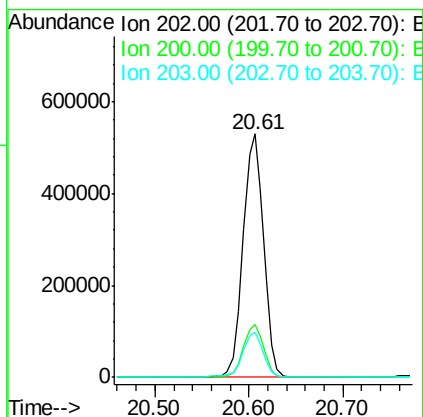
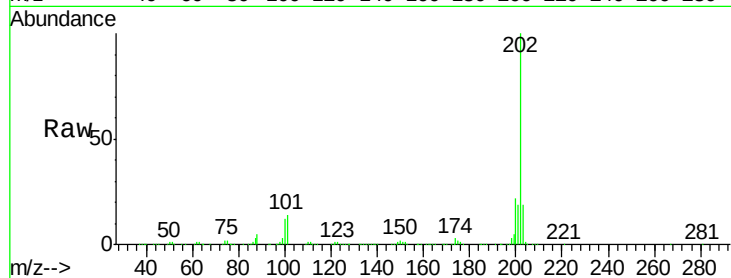
Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	798716
Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	18.7	13.9	20.9



#78

Terphenyl-d14

Concen: 97.853 ng

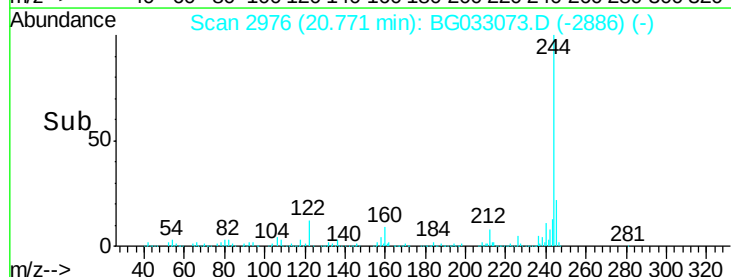
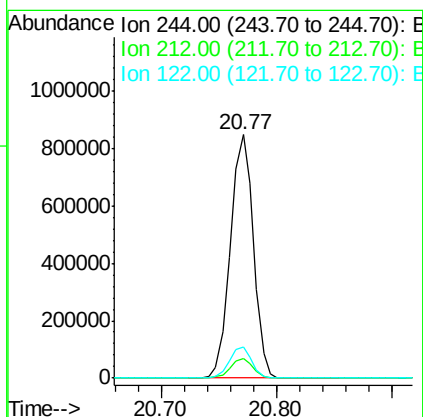
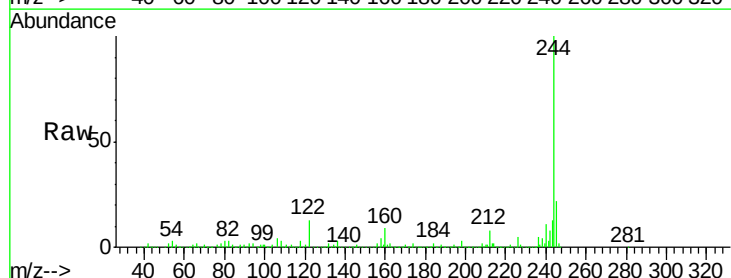
RT: 20.77 min Scan# 2976

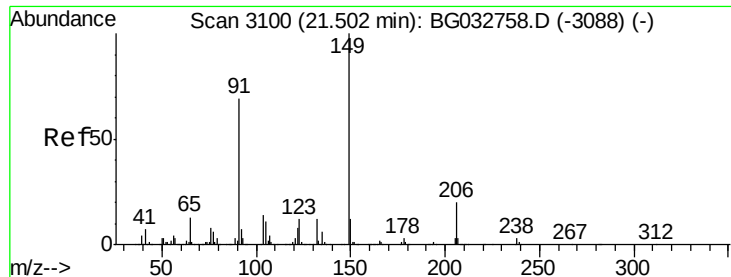
Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Tgt Ion:	244	Resp:	1165765
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	12.6	7.0	10.4#

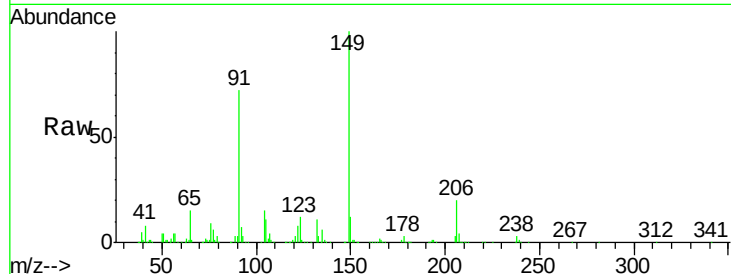




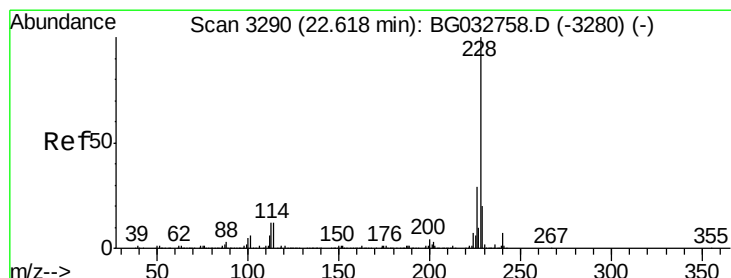
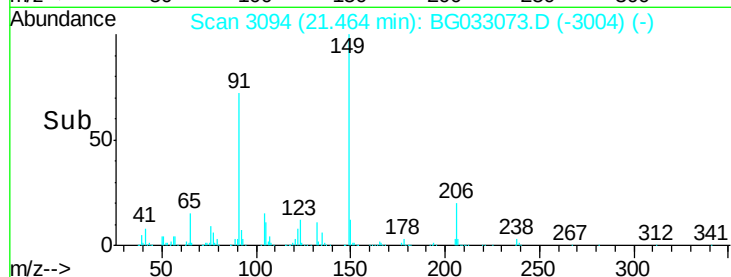
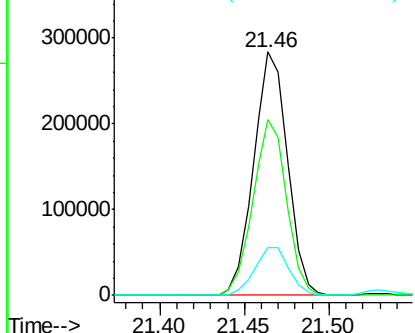
#79
Butylbenzylphthalate
Concen: 47.110 ng
RT: 21.46 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 394261
Ion Ratio Lower Upper
149 100
91 72.0 62.2 93.2
206 19.9 18.6 27.8

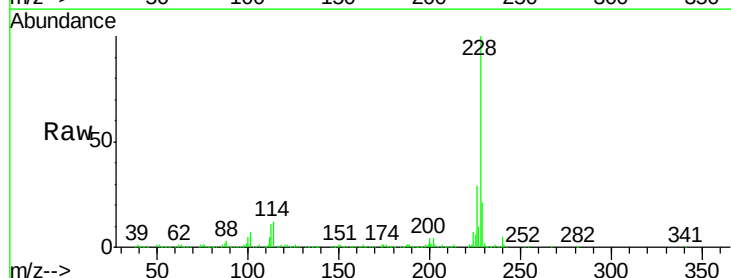


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

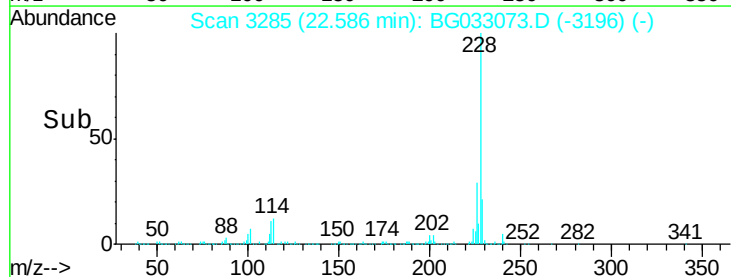
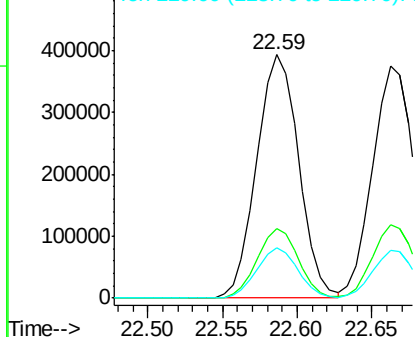


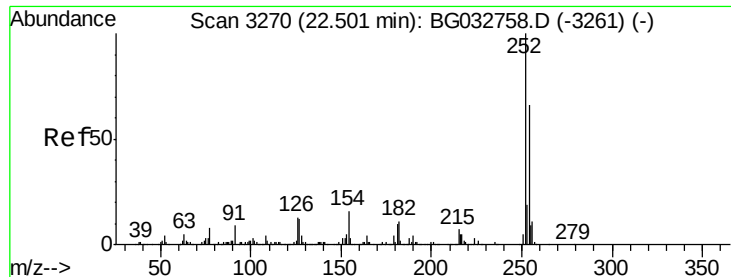
#80
Benzo(a)anthracene
Concen: 44.764 ng
RT: 22.59 min Scan# 3285
Delta R.T. -0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:228 Resp: 768322
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 20.8 16.2 24.2



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

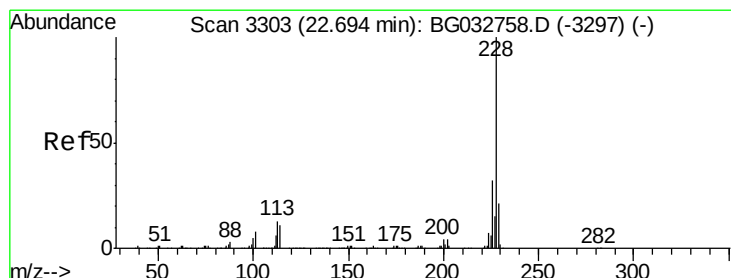
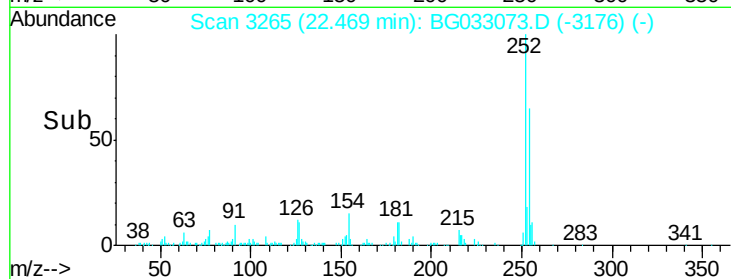
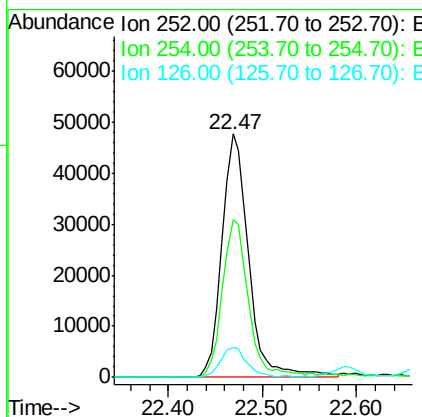
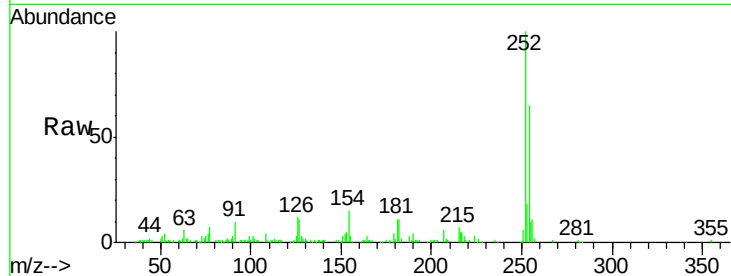




#81
 3,3'-Dichlorobenzidine
 Concen: 14.884 ng
 RT: 22.47 min Scan# 3265
 Delta R.T. -0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

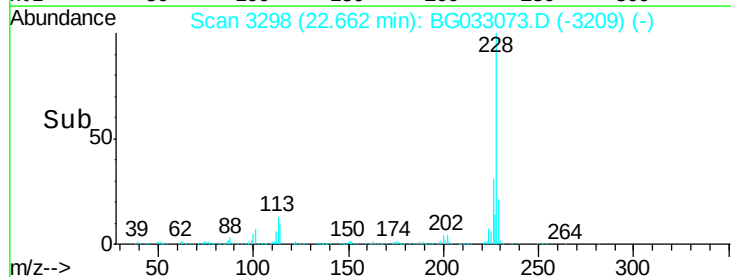
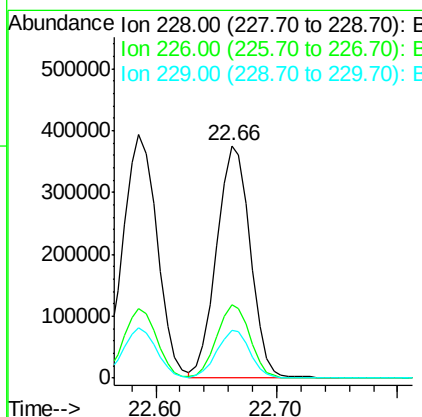
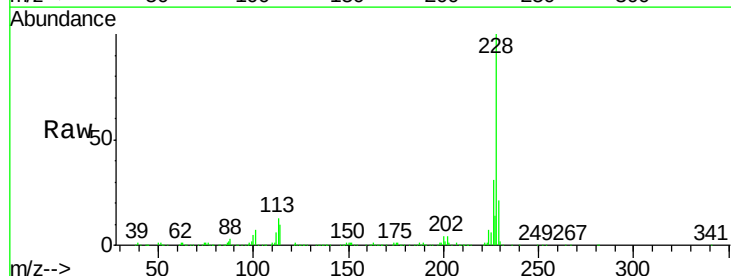
Instrument :
 BNA_G
 ClientSampleId :

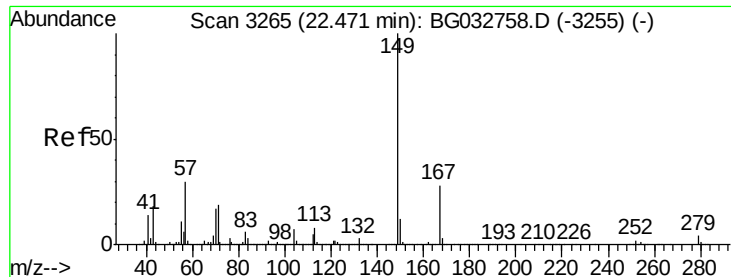
Tot Ion:252 Resp: 94617
 Ion Ratio Lower Upper
 252 100
 254 65.1 50.8 76.2
 126 12.5 7.4 11.2#



#82
 Chrysene
 Concen: 43.885 ng
 RT: 22.66 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion:228 Resp: 719524
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 20.5 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.453 ng

RT: 22.41 min Scan# 3255

Delta R.T. -0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

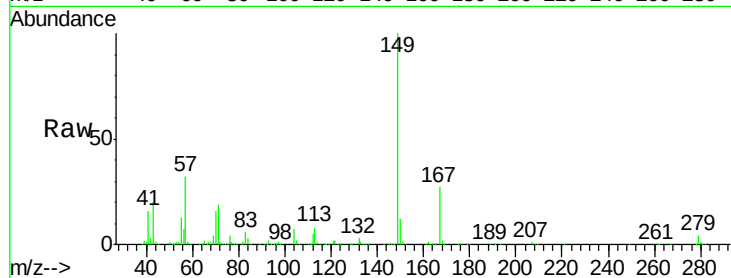
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 563061

Ion	Ratio	Lower	Upper
149	100		
167	27.1	24.3	36.5
279	4.2	4.0	6.0

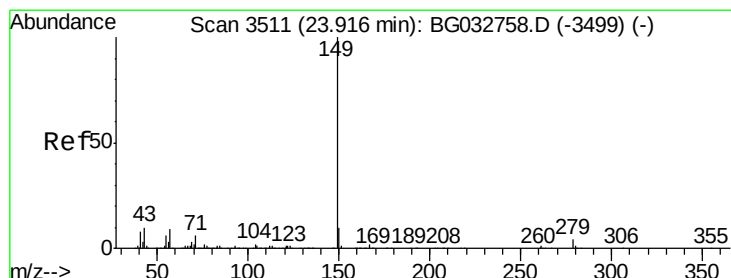
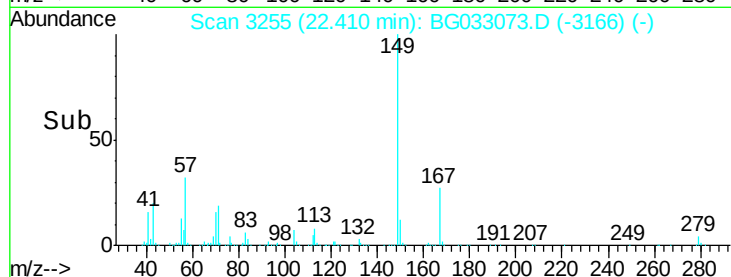
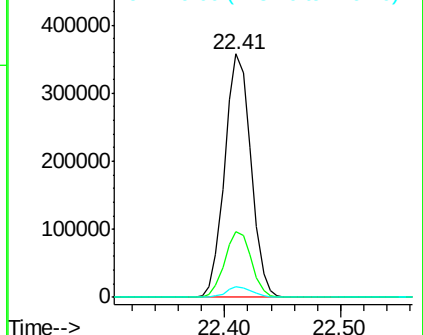


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.412 ng

RT: 23.83 min Scan# 3496

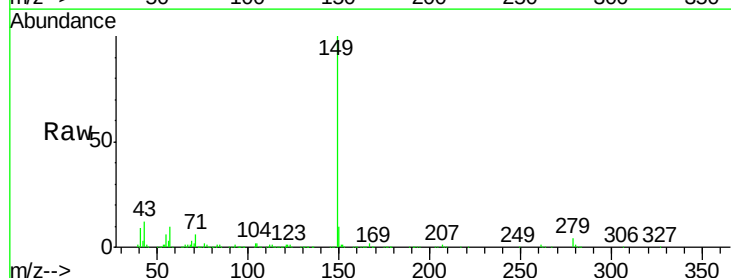
Delta R.T. 0.00 min

Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Tgt Ion:149 Resp: 970761

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	11.8	8.9	13.3

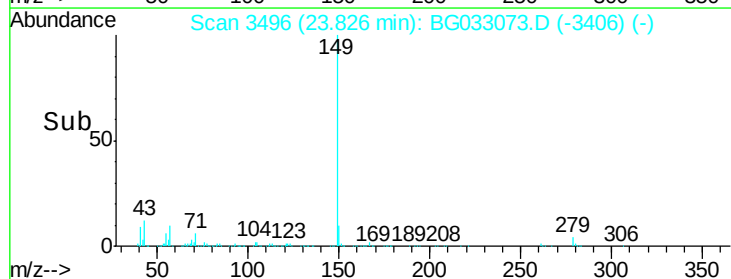
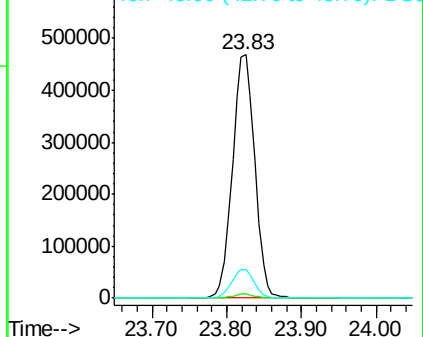


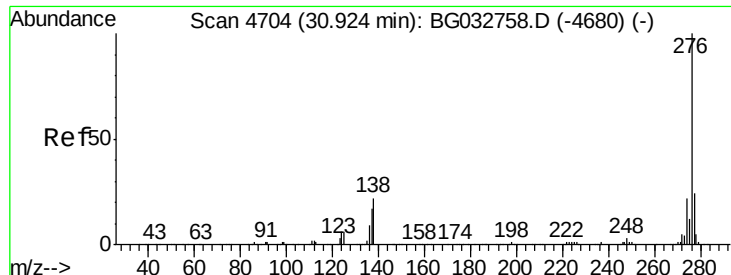
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

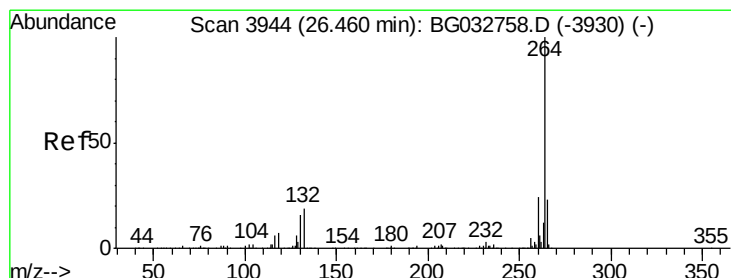
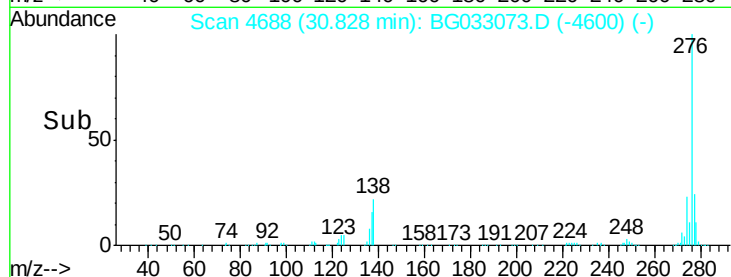
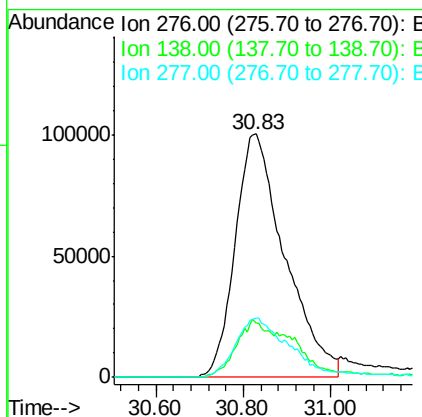
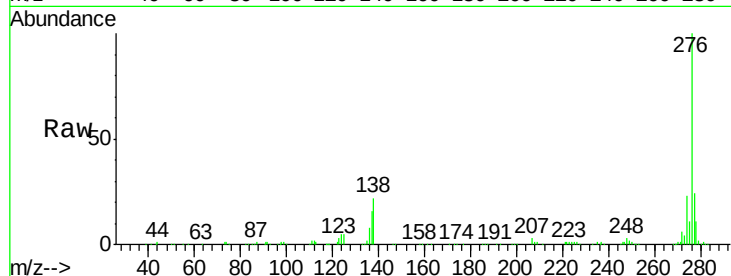




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.635 ng
 RT: 30.83 min Scan# 4688
 Delta R.T. -0.01 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

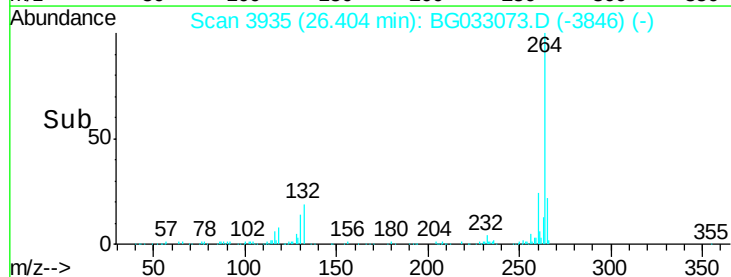
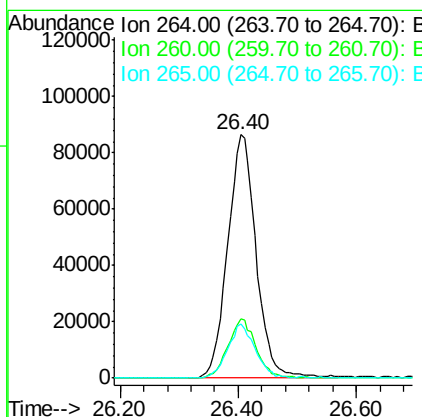
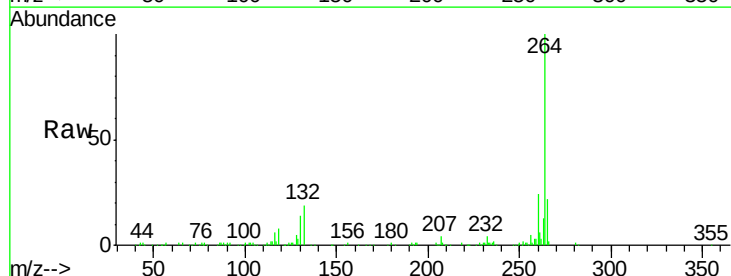
Instrument :
 BNA_G
 ClientSampled :

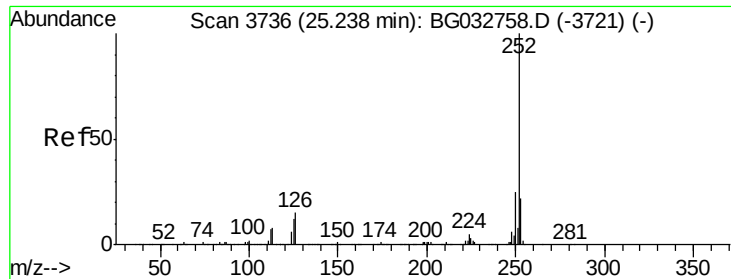
Tot Ion:276 Resp: 777004
 Ion Ratio Lower Upper
 276 100
 138 15.7 16.0 24.0#
 277 26.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.40 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BG033073.D
 Acq: 9 Mar 2018 15:36

Tgt Ion:264 Resp: 290568
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.4 26.0
 265 22.0 17.7 26.5

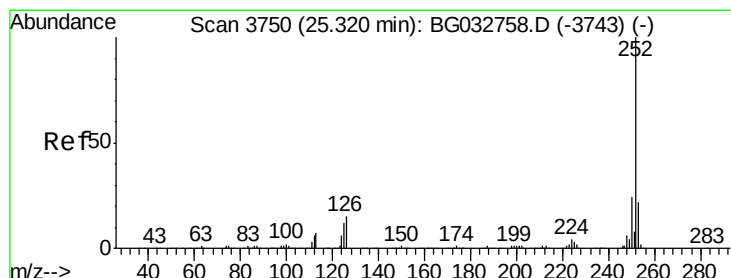
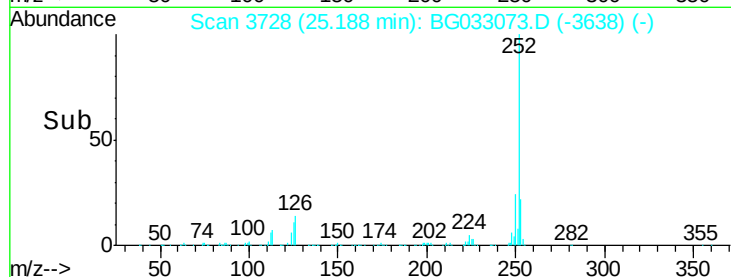
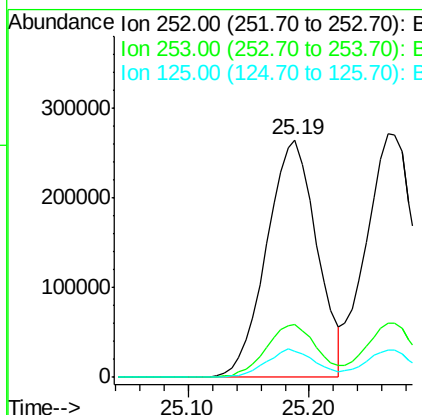
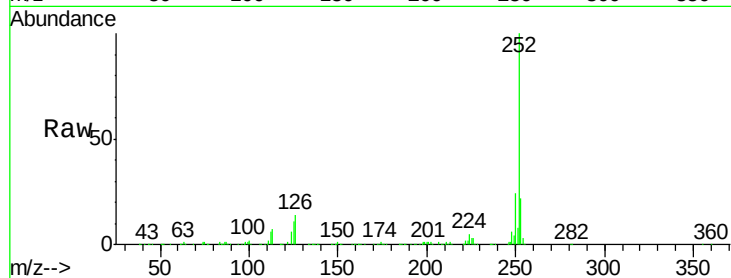




#87
Benzo(b)fluoranthene
Concen: 44.356 ng
RT: 25.19 min Scan# 3728
Delta R.T. 0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

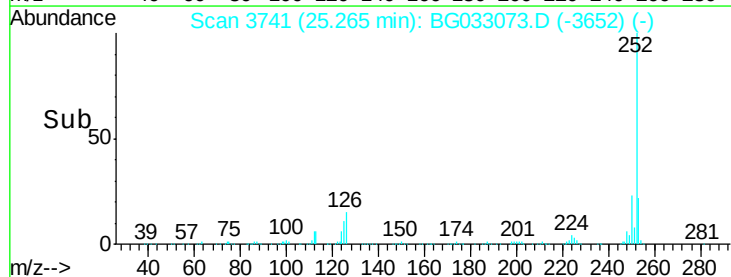
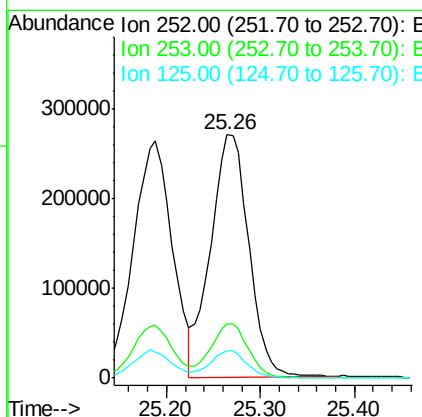
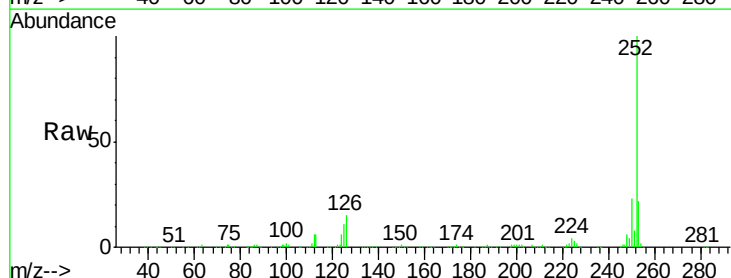
Instrument :
BNA_G
ClientSampleId :

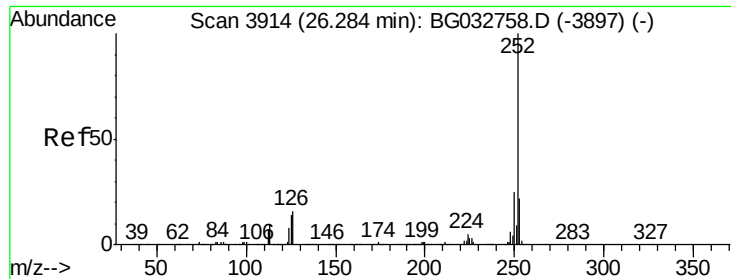
Tot Ion:252 Resp: 762062
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 10.7 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 44.825 ng
RT: 25.26 min Scan# 3741
Delta R.T. -0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:252 Resp: 765362
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.1 6.6 9.8#

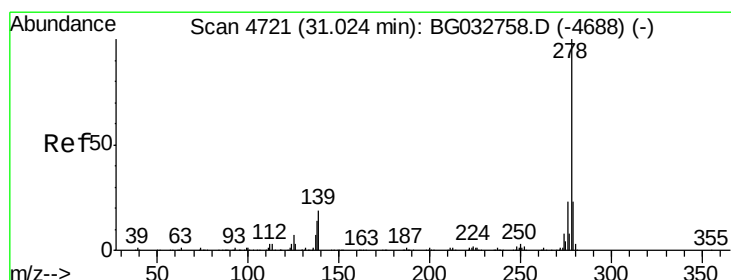
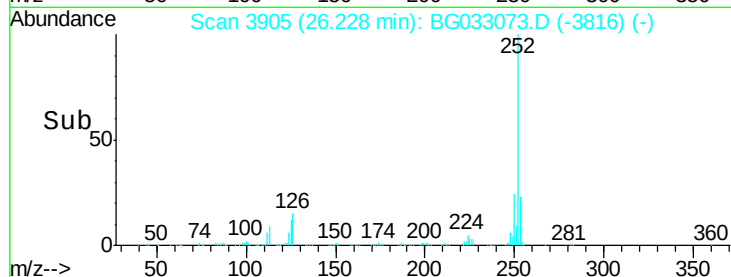
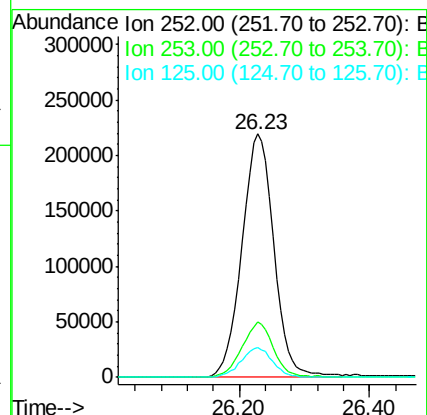
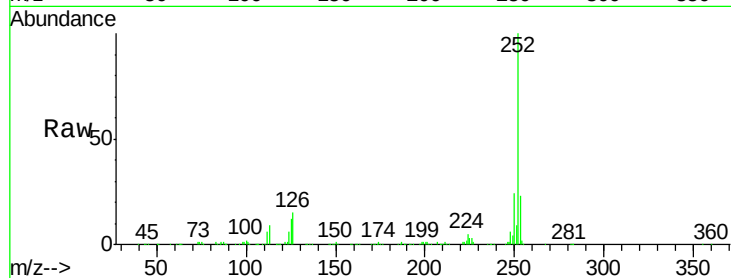




#89
Benzo(a)pyrene
Concen: 45.572 ng
RT: 26.23 min Scan# 3905
Delta R.T. -0.00 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

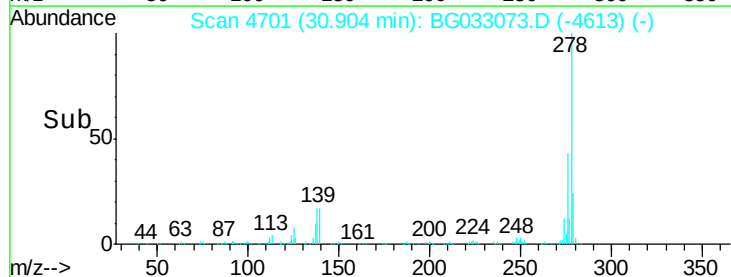
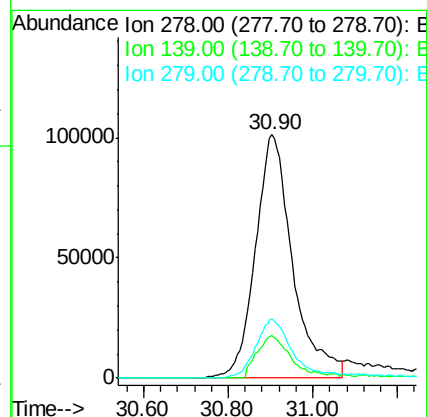
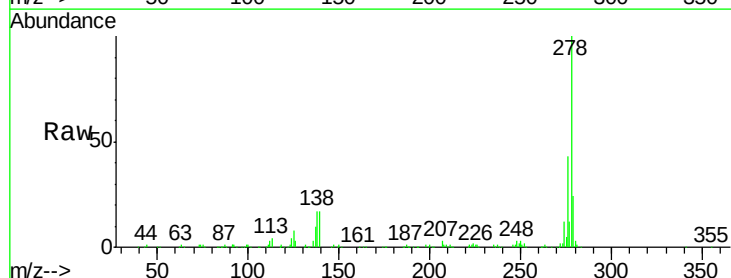
Instrument :
BNA_G
ClientSampleId :

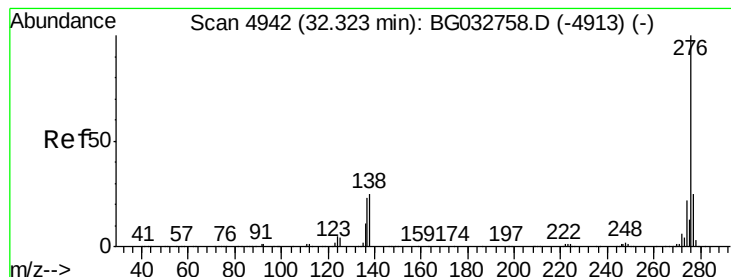
Tot Ion:252 Resp: 744690
Ion Ratio Lower Upper
252 100
253 22.6 18.3 27.5
125 12.3 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 37.903 ng
RT: 30.90 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BG033073.D
Acq: 9 Mar 2018 15:36

Tgt Ion:278 Resp: 623430
Ion Ratio Lower Upper
278 100
139 17.3 9.8 14.6#
279 24.4 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 41.840 ng

RT: 32.21 min Scan# 4924

Delta R.T. -0.01 min

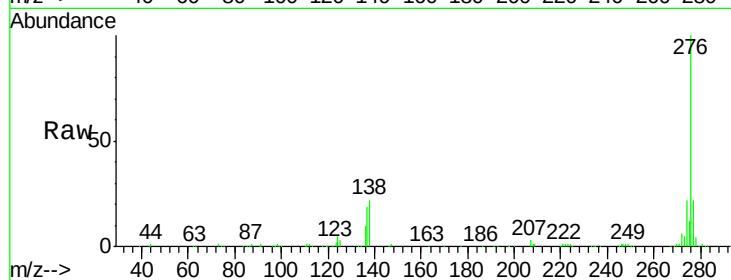
Lab File: BG033073.D

Acq: 9 Mar 2018 15:36

Instrument :

BNA_G

ClientSampleId :



Tot Ion:	276	Resp:	678397
Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.3	27.5
138	21.7	13.9	20.9

