

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030518\
 Data File : BG032989.D
 Acq On : 5 Mar 2018 14:42
 Operator : SJ/JU
 Sample : J1699-64MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 05 15:25:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	65489	20.00	ng	-0.01
21) Naphthalene-d8	11.80	136	296950	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	175930	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	396383	20.00	ng	0.00
75) Chrysene-d12	22.62	240	351622	20.00	ng	0.00
86) Perylene-d12	26.42	264	377380	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	549718	134.29	ng	0.00
7) Phenol-d6	8.01	99	707916	124.07	ng	0.00
23) Nitrobenzene-d5	10.11	82	486999	110.45	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	288495	155.96	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	1036717	84.99	ng	-0.01
78) Terphenyl-d14	20.78	244	1499248	95.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.98	88	61051	34.365	ng	# 91
3) Pyridine	4.43	79	149223	30.475	ng	93
4) n-Nitrosodimethylamine	4.33	42	103035	52.485	ng	# 85
6) Aniline	8.21	93	132724	17.185	ng	95
8) 2-Chlorophenol	8.46	128	211843	47.281	ng	95
9) Benzaldehyde	8.01	77	61936	18.835	ng	96
10) Phenol	8.04	94	244682	42.541	ng	94
11) bis(2-Chloroethyl)ether	8.29	93	197197	41.929	ng	97
12) 1,3-Dichlorobenzene	8.80	146	209270	39.877	ng	96
13) 1,4-Dichlorobenzene	8.95	146	212847	40.294	ng	97
14) 1,2-Dichlorobenzene	9.29	146	203852	40.271	ng	98
15) Benzyl Alcohol	9.15	79	196903	46.942	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.43	45	378940	46.869	ng	99
17) 2-Methylphenol	9.34	107	186423	43.955	ng	97
18) Hexachloroethane	10.04	117	78562	43.681	ng	# 81
19) n-Nitroso-di-n-propylamine	9.73	70	174729	43.378	ng	# 92
20) 3+4-Methylphenols	9.67	107	259234	43.959	ng	94
22) Acetophenone	9.76	105	317397	42.323	ng	# 98
24) Nitrobenzene	10.16	77	241550	50.607	ng	90
25) Isophorone	10.68	82	477683	45.831	ng	# 94
26) 2-Nitrophenol	10.88	139	117051	62.956	ng	93
27) 2,4-Dimethylphenol	10.91	122	232491	51.348	ng	90
28) bis(2-Chloroethoxy)methane	11.15	93	284273	46.818	ng	97
29) 2,4-Dichlorophenol	11.42	162	207507	50.496	ng	95
30) 1,2,4-Trichlorobenzene	11.65	180	197875	41.078	ng	98
31) Naphthalene	11.85	128	723616	46.635	ng	99
32) Benzoic acid	11.03	122	128885	46.404	ng	# 82
33) 4-Chloroaniline	11.94	127	89994	12.971	ng	96
34) Hexachlorobutadiene	12.11	225	106298	39.341	ng	95
35) Caprolactam	12.68	113	67654	41.116	ng	98
36) 4-Chloro-3-methylphenol	13.00	107	254304	53.178	ng	91
37) 2-Methylnaphthalene	13.40	142	505180	45.001	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.75	216	209941	40.199	ng	# 96
40) Hexachlorocyclopentadiene	13.73	237	252682	94.936	ng	90

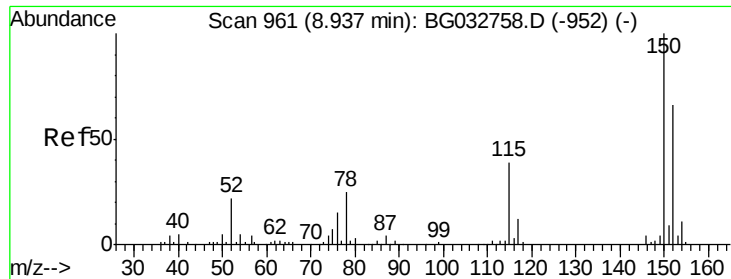
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030518\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	163454	49.629	ng	98
43) 2,4,5-Trichlorophenol	14.04	196	182401	47.851	ng	# 96
45) 1,1'-Biphenyl	14.37	154	634253	41.256	ng	95
46) 2-Chloronaphthalene	14.43	162	478009	41.624	ng	98
47) 2-Nitroaniline	14.61	65	181864	59.763	ng	93
48) Acenaphthylene	15.26	152	798711	42.481	ng	97
49) Dimethylphthalate	14.96	163	649047	43.449	ng	99
50) 2,6-Dinitrotoluene	15.08	165	147301	57.430	ng	90
51) Acenaphthene	15.60	154	549866	46.959	ng	98
52) 3-Nitroaniline	15.41	138	85789	31.182	ng	# 85
53) 2,4-Dinitrophenol	15.61	184	117172	124.081	ng	93
54) Dibenzofuran	15.92	168	746824	44.793	ng	93
55) 4-Nitrophenol	15.68	139	221708	89.692	ng	83
56) 2,4-Dinitrotoluene	15.86	165	205649	64.753	ng	87
57) Fluorene	16.56	166	607121	44.118	ng	100
58) 2,3,4,6-Tetrachlorophenol	16.05	232	152494	51.527	ng	94
59) Diethylphthalate	16.29	149	698825	44.354	ng	98
60) 4-Chlorophenyl-phenylether	16.54	204	302600	44.950	ng	91
61) 4-Nitroaniline	16.56	138	148618	46.182	ng	86
62) Azobenzene	16.83	77	639424	45.364	ng	95
64) 4,6-Dinitro-2-methylphenol	16.62	198	89741	67.057	ng	97
65) n-Nitrosodiphenylamine	16.75	169	563426	43.694	ng	97
66) 4-Bromophenyl-phenylether	17.43	248	181461	43.294	ng	# 86
67) Hexachlorobenzene	17.56	284	186975	41.280	ng	# 89
68) Atrazine	17.67	200	193569	45.604	ng	96
69) Pentachlorophenol	17.89	266	250399	87.768	ng	99
70) Phenanthrene	18.30	178	967802	43.764	ng	97
71) Anthracene	18.39	178	983222	44.286	ng	98
72) Carbazole	18.64	167	913590	41.748	ng	97
73) Di-n-butylphthalate	19.14	149	1157949	43.132	ng	98
74) Fluoranthene	20.25	202	1063024	43.517	ng	94
76) Benzidine	20.41	184	141906	11.840	ng	97
77) Pyrene	20.61	202	1063996	42.909	ng	96
79) Butylbenzylphthalate	21.47	149	543164	49.406	ng	92
80) Benzo(a)anthracene	22.59	228	1022160	45.333	ng	100
81) 3,3'-Dichlorobenzidine	22.47	252	212671	25.467	ng	# 98
82) Chrysene	22.67	228	951999	44.199	ng	98
83) Bis(2-ethylhexyl)phthalate	22.42	149	770118	47.323	ng	# 96
84) Di-n-octyl phthalate	23.84	149	1313871	52.968	ng	99
85) Indeno(1,2,3-cd)pyrene	30.84	276	1101734	43.860	ng	# 91
87) Benzo(b)fluoranthene	25.19	252	1023231	45.857	ng	# 97
88) Benzo(k)fluoranthene	25.28	252	1003548	45.254	ng	# 97
89) Benzo(a)pyrene	26.24	252	987753	46.542	ng	# 96
90) Dibenzo(a,h)anthracene	30.92	278	878926	41.144	ng	# 93
91) Benzo(g,h,i)perylene	32.24	276	919293	43.654	ng	# 91

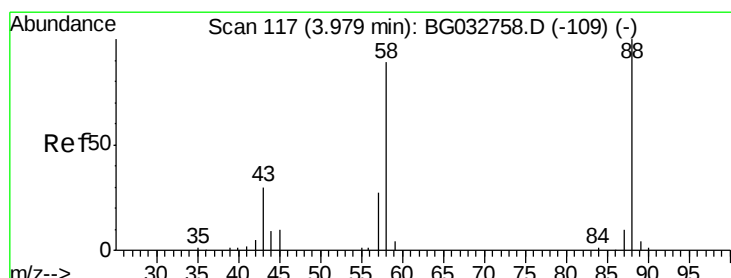
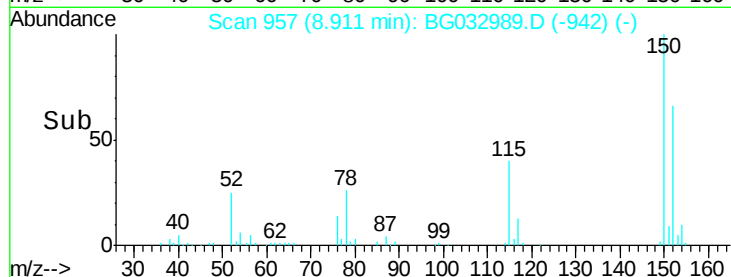
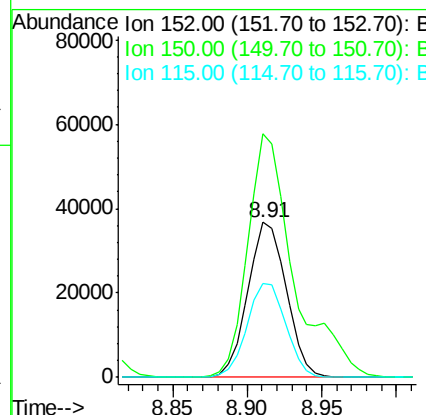
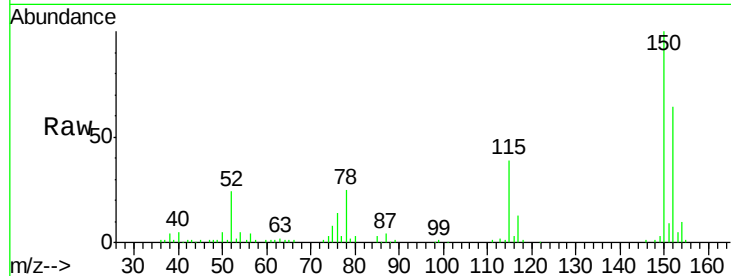
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.91 min Scan# 957
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

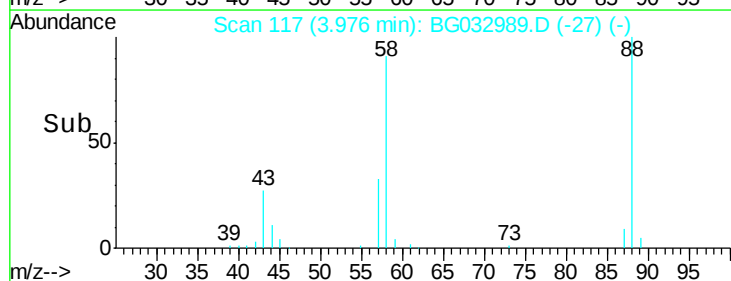
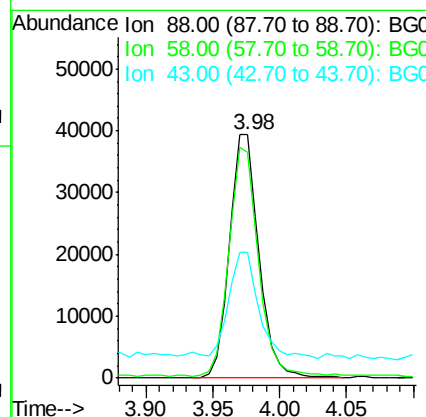
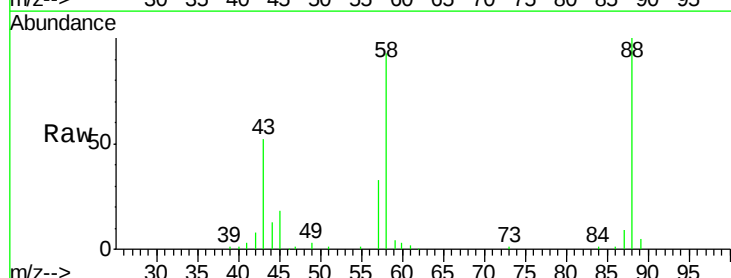
Instrument :
 BNA_G
 ClientSampleId :

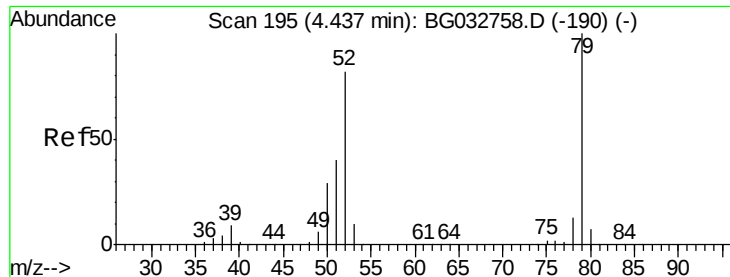
Tot Ion:152 Resp: 65489
 Ion Ratio Lower Upper
 152 100
 150 156.8 126.6 189.8
 115 60.8 53.0 79.4



#2
 1,4-Dioxane
 Concen: 34.365 ng
 RT: 3.98 min Scan# 117
 Delta R.T. 0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion: 88 Resp: 61051
 Ion Ratio Lower Upper
 88 100
 58 93.6 79.6 119.4
 43 45.4 27.4 41.0#





#3

Pvrindine

Concen: 30.475 ng

RT: 4.43 min Scan# 195

Delta R.T. 0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampled :

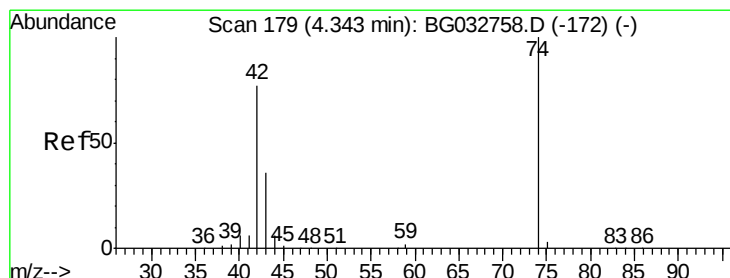
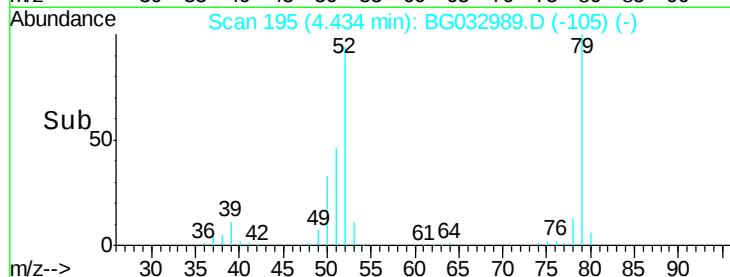
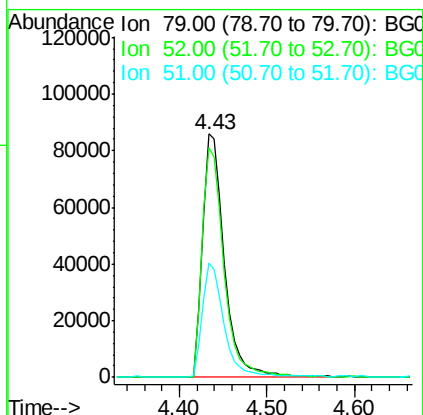
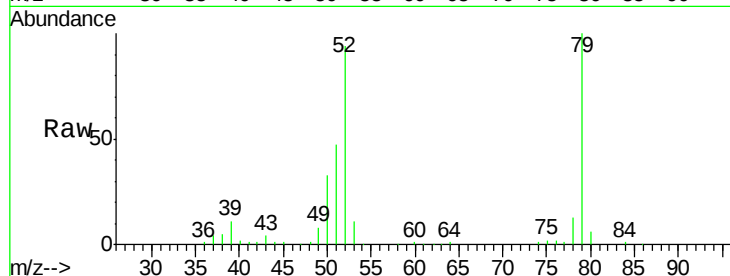
Tot Ion: 79 Resp: 149223

Ion Ratio Lower Upper

79 100

52 94.2 69.9 104.9

51 46.7 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 52.485 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

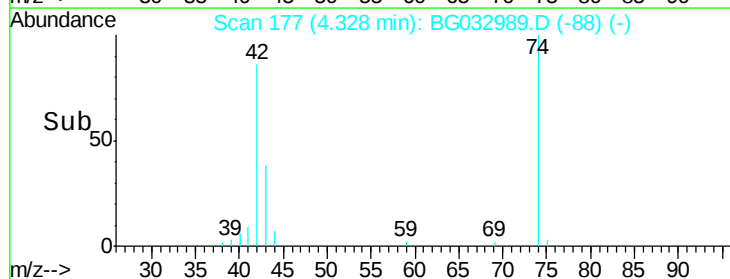
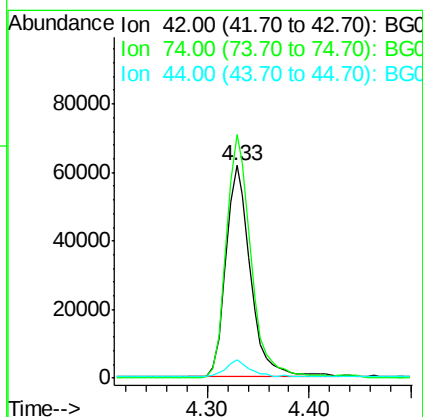
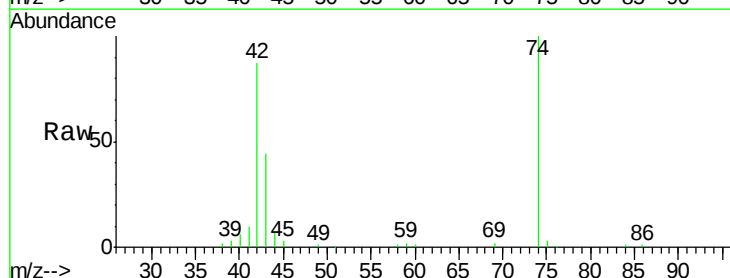
Tgt Ion: 42 Resp: 103035

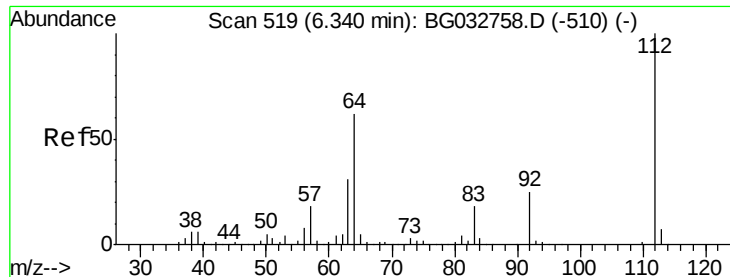
Ion Ratio Lower Upper

42 100

74 114.7 102.5 153.7

44 8.6 18.9 28.3#





#5

2-Fluorophenol

Concen: 134.293 ng

RT: 6.33 min Scan# 517

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :

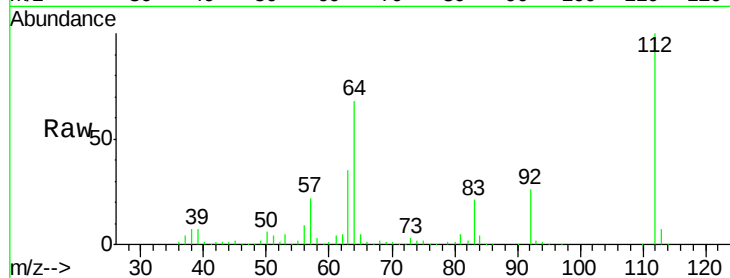
Tot Ion: 112 Resp: 549718

Ion Ratio Lower Upper

112 100

64 68.5 56.3 84.5

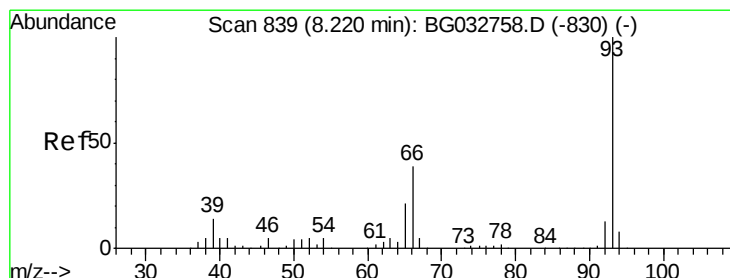
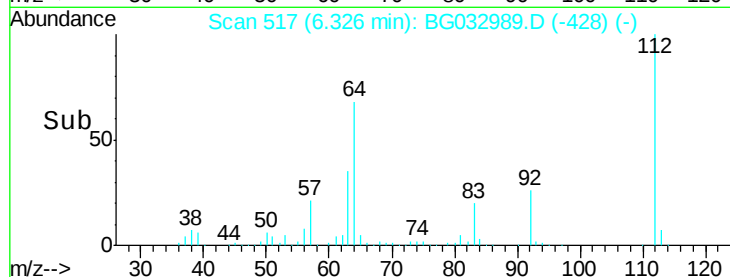
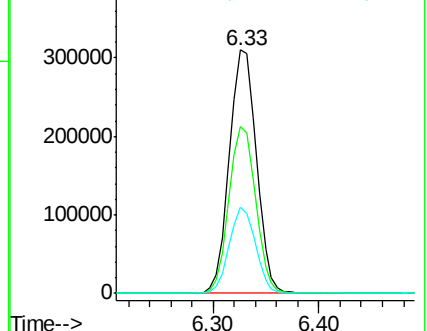
63 35.2 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.185 ng

RT: 8.21 min Scan# 837

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

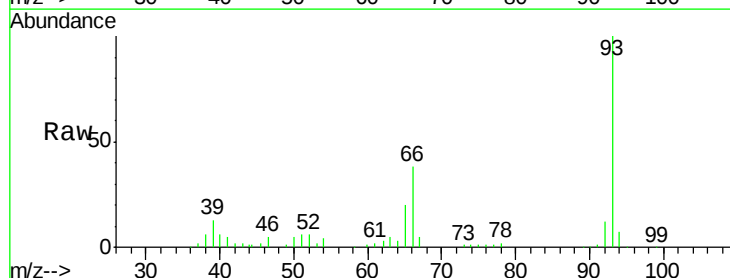
Tgt Ion: 93 Resp: 132724

Ion Ratio Lower Upper

93 100

66 37.9 33.7 50.5

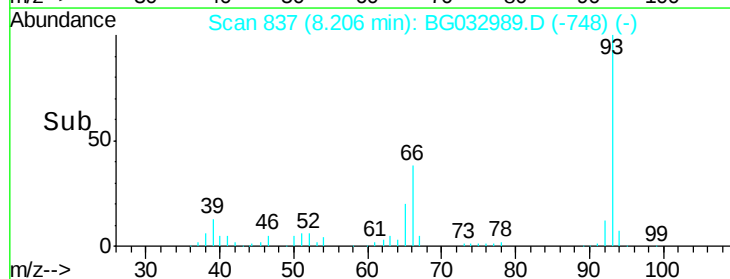
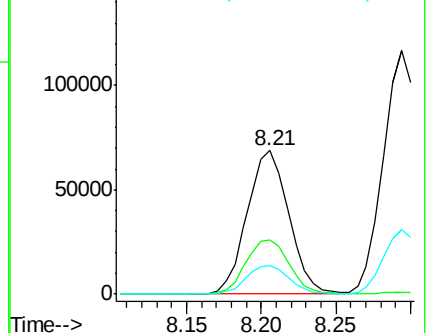
65 20.0 16.1 24.1

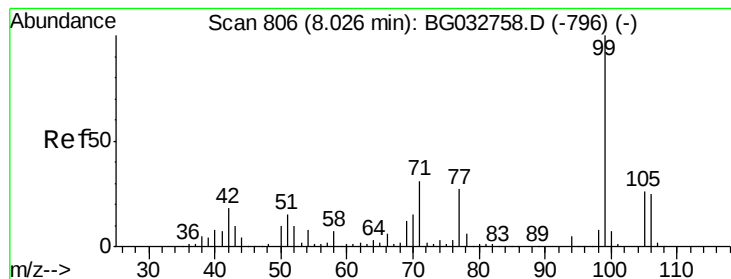


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.072 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampled :

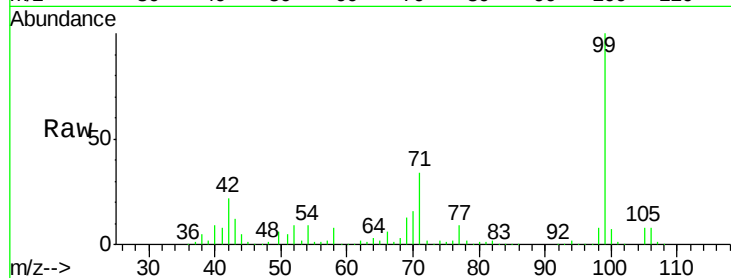
Tot Ion: 99 Resp: 707916

Ion Ratio Lower Upper

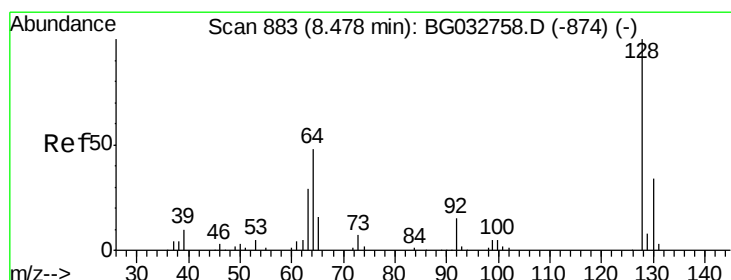
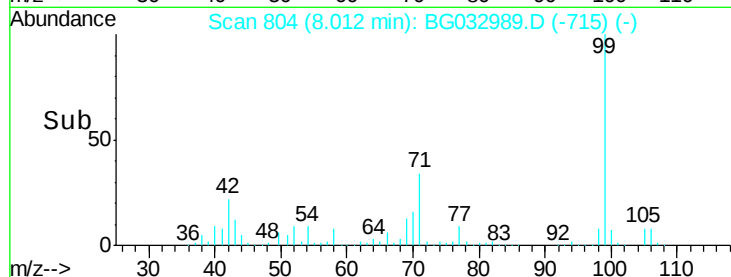
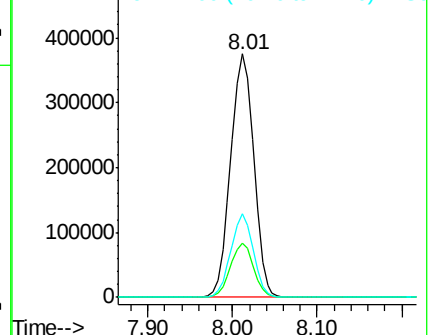
99 100

42 22.0 14.1 21.1#

71 34.3 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: 47.281 ng

RT: 8.46 min Scan# 880

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

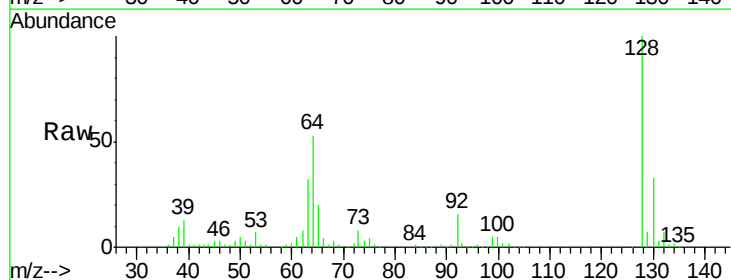
Tgt Ion: 128 Resp: 211843

Ion Ratio Lower Upper

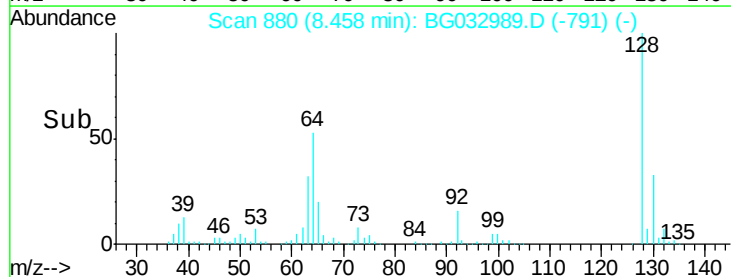
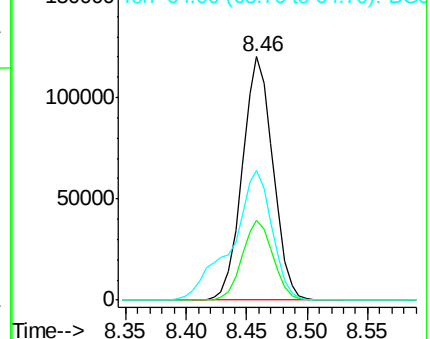
128 100

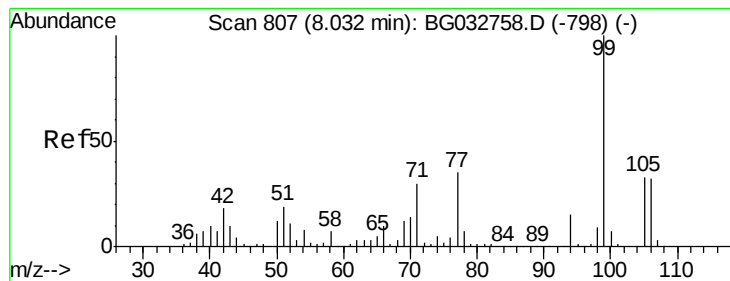
130 32.5 14.0 54.0

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: 18.835 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :

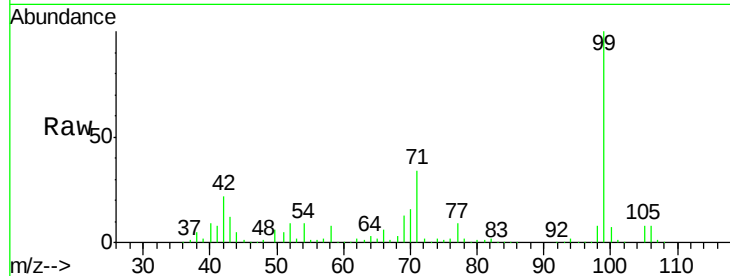
Tot Ion: 77 Resp: 61936

Ion Ratio Lower Upper

77 100

105 94.1 71.3 111.3

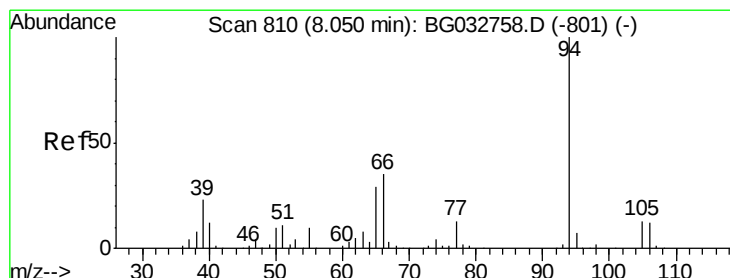
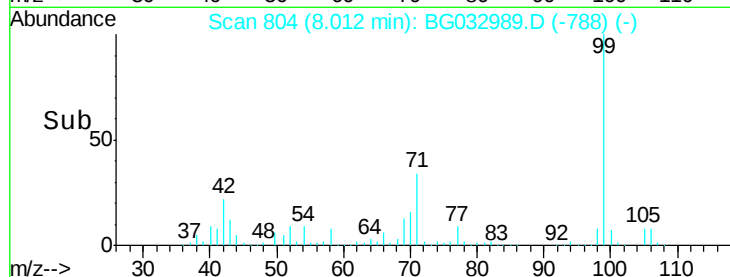
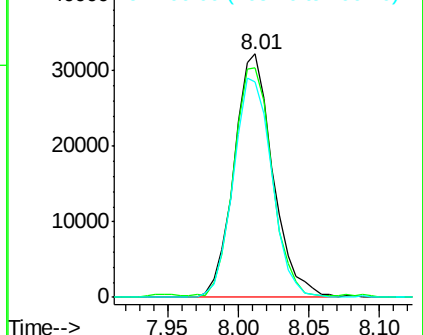
106 88.7 64.2 104.2



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: 42.541 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

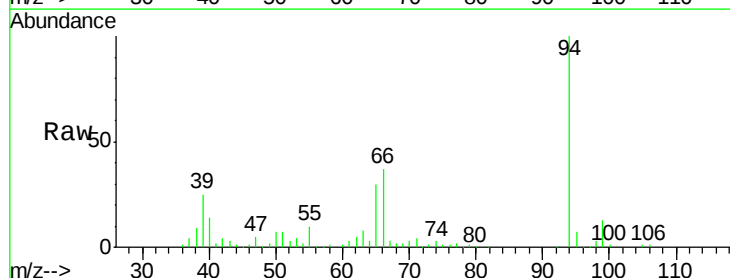
Tgt Ion: 94 Resp: 244682

Ion Ratio Lower Upper

94 100

65 30.0 11.9 51.9

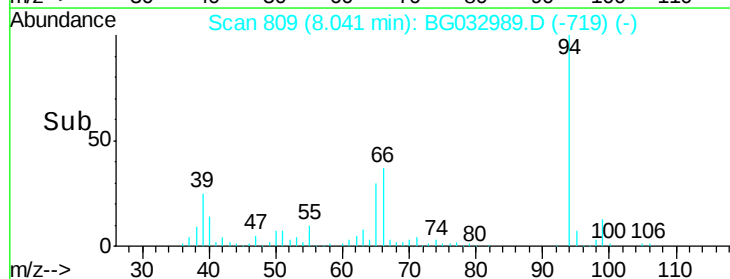
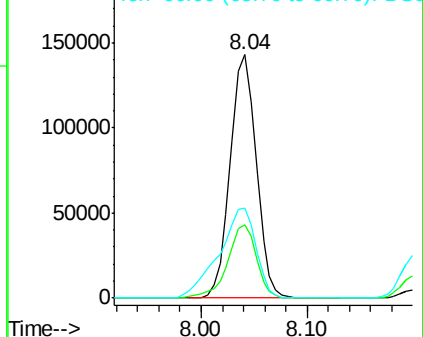
66 37.2 22.2 62.2

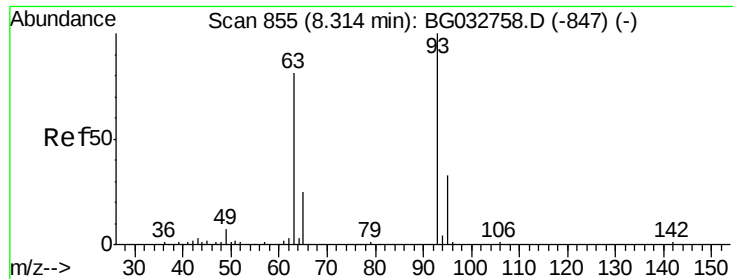


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

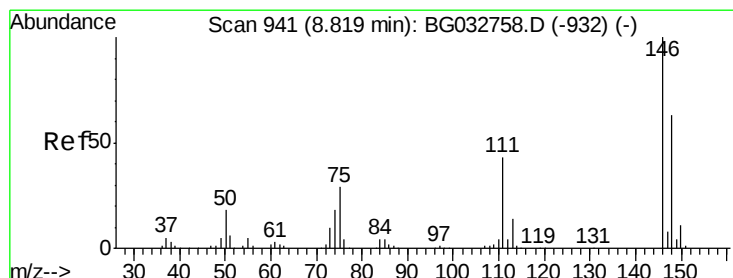
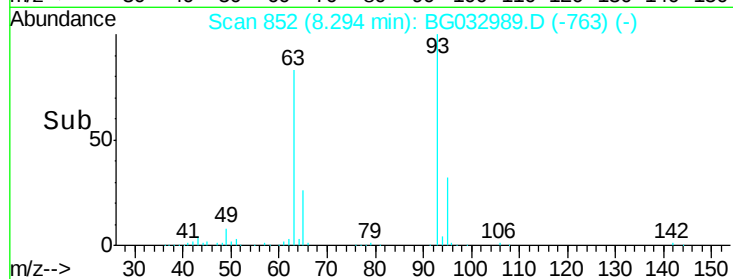
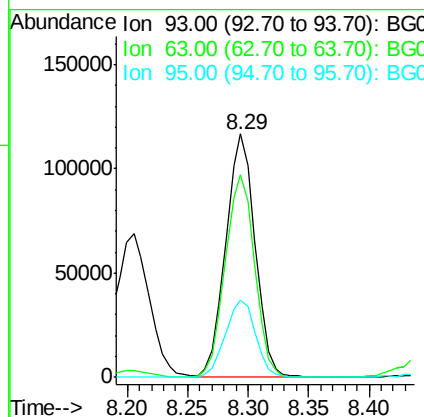
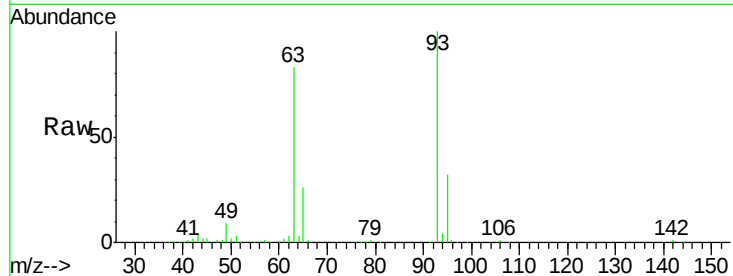




#11
bis(2-Chloroethyl)ether
Concen: 41.929 ng
RT: 8.29 min Scan# 852
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

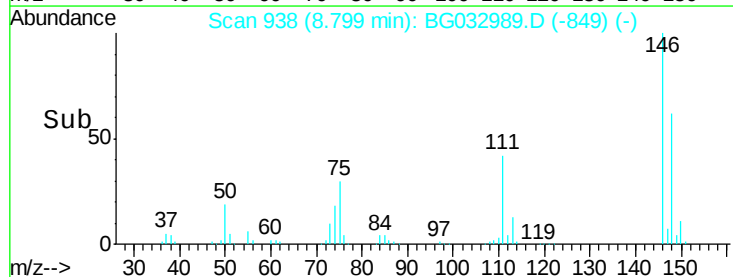
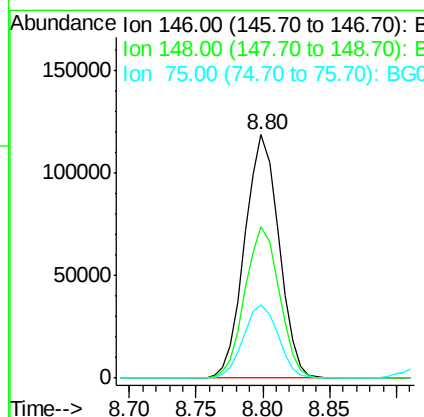
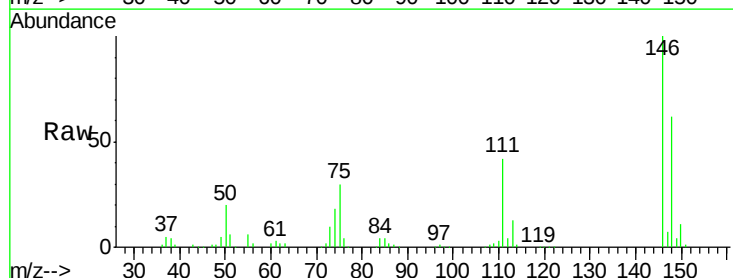
Instrument :
BNA_G
ClientSampled :

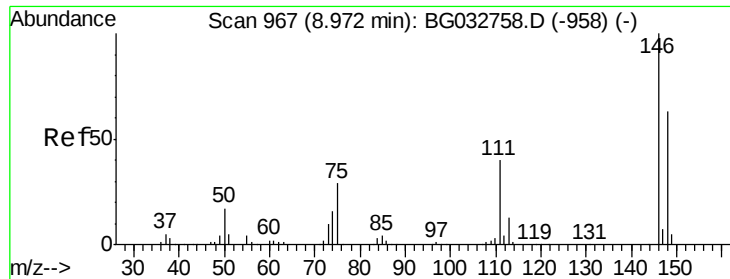
Tot Ion	93	Resp	197197
Ion Ratio	Lower	Upper	
93	100		
63	83.5	67.1	107.1
95	31.6	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 39.877 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	146	Resp	209270
Ion Ratio	Lower	Upper	
146	100		
148	62.0	51.4	77.2
75	30.2	26.6	39.8

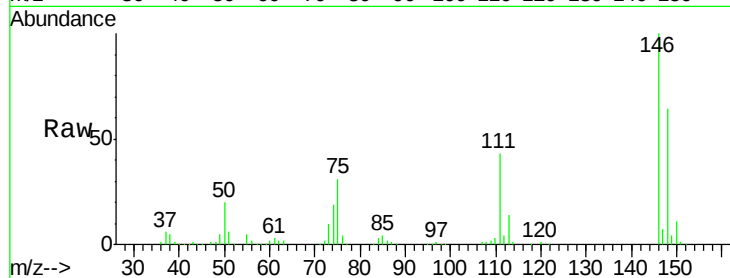




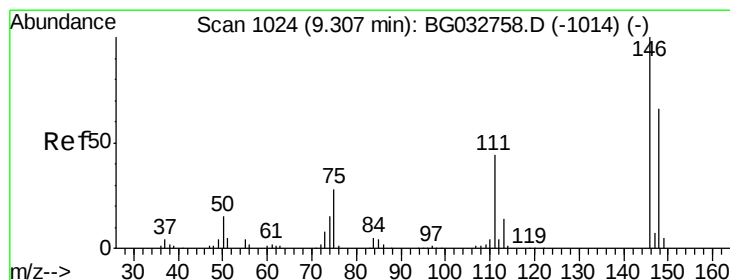
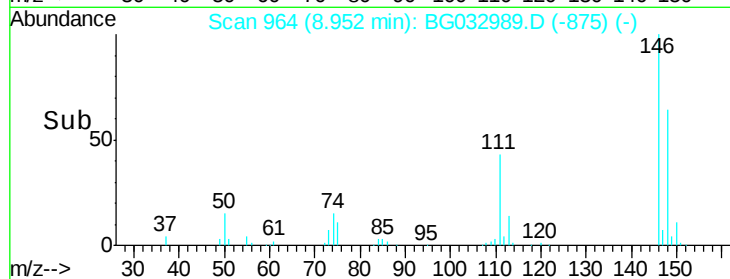
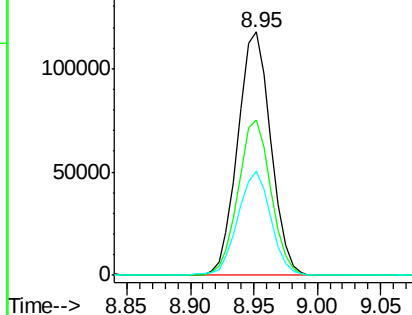
#13
1,4-Dichlorobenzene
Concen: 40.294 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:146 Resp: 212847
Ion Ratio Lower Upper
146 100
148 63.9 53.7 80.5
111 42.7 35.2 52.8

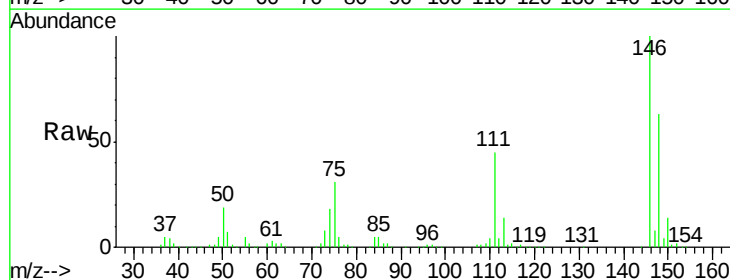


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

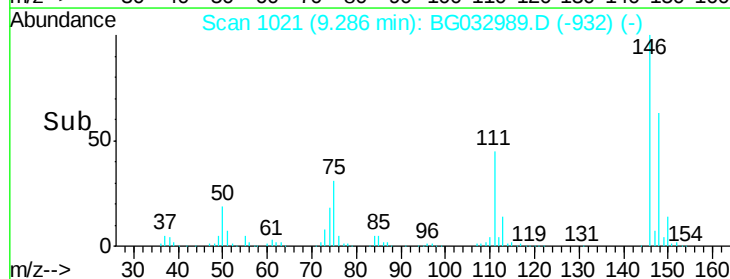
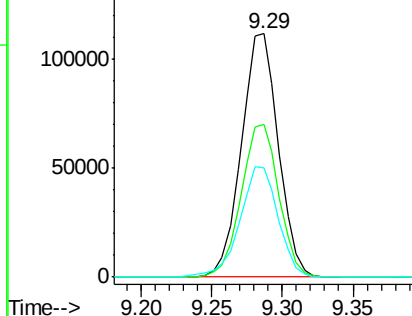


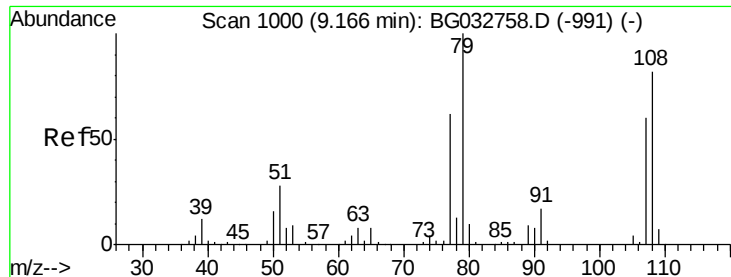
#14
1,2-Dichlorobenzene
Concen: 40.271 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:146 Resp: 203852
Ion Ratio Lower Upper
146 100
148 63.0 49.3 73.9
111 44.8 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 46.942 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampled :

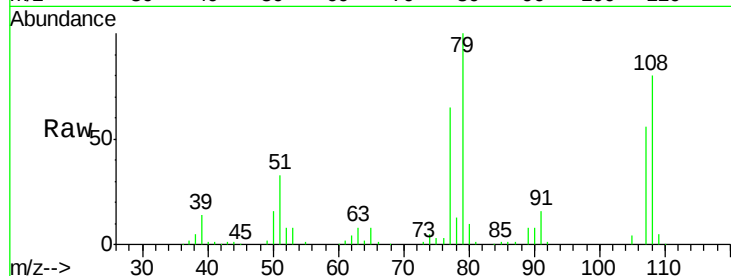
Tot Ion: 79 Resp: 196903

Ion Ratio Lower Upper

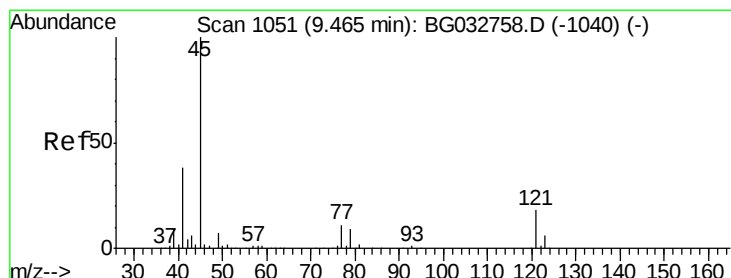
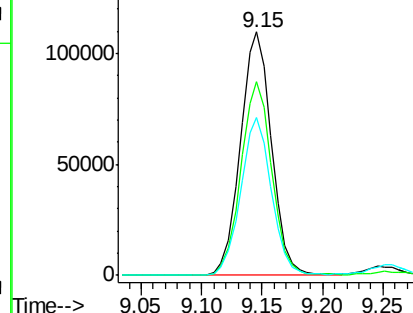
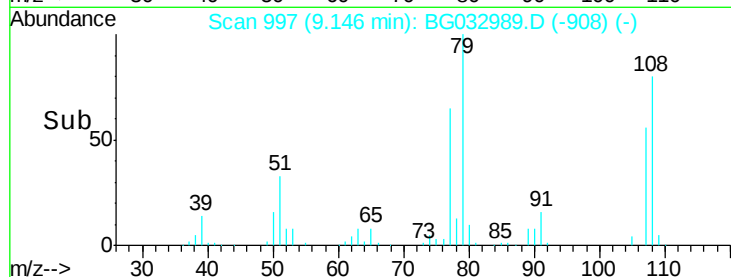
79 100

108 79.7 57.2 85.8

77 64.9 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.869 ng

RT: 9.43 min Scan# 1046

Delta R.T. -0.01 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

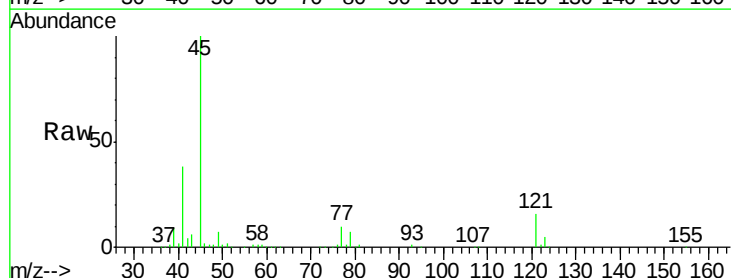
Tgt Ion: 45 Resp: 378940

Ion Ratio Lower Upper

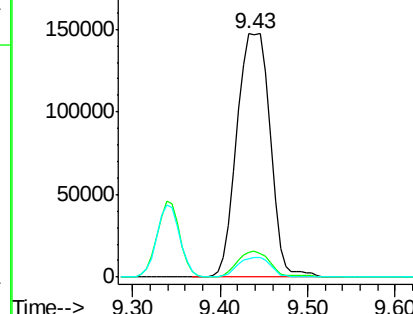
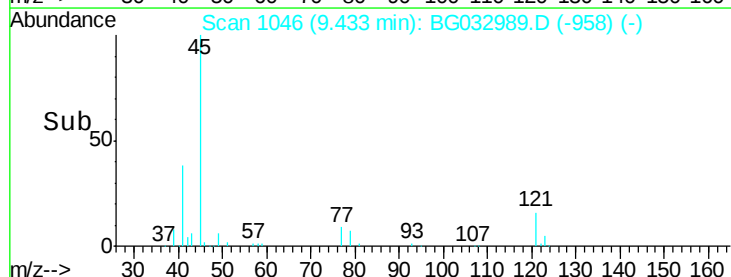
45 100

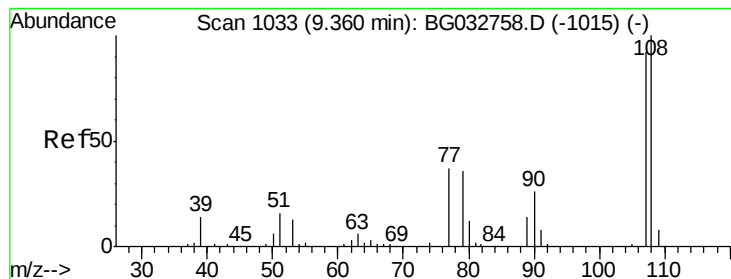
77 10.1 0.0 30.2

79 7.5 0.0 27.9



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

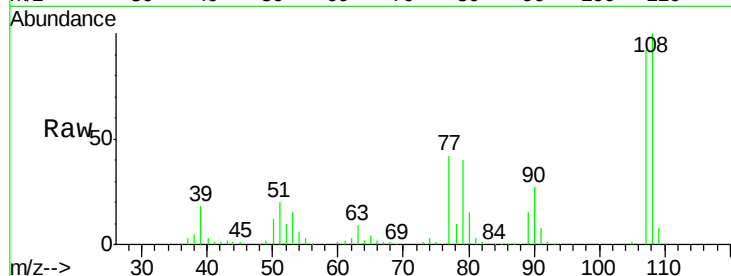




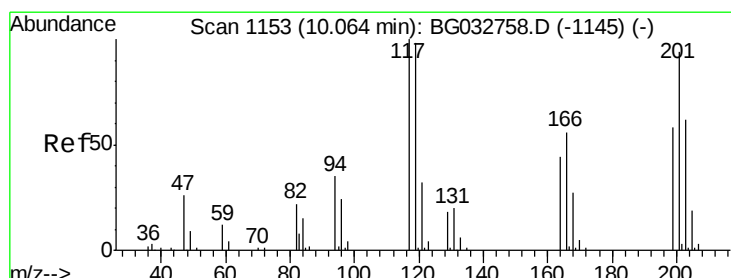
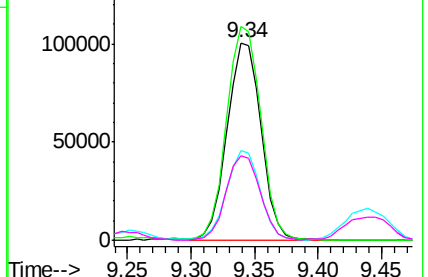
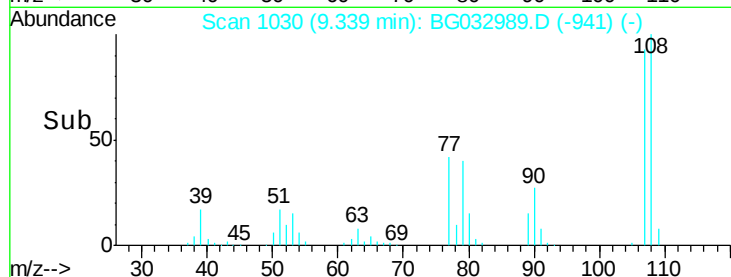
#17
2-Methylphenol
Concen: 43.955 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 186423
Ion Ratio Lower Upper
107 100
108 108.1 83.9 125.9
77 45.7 37.2 55.8
79 43.1 36.2 54.2

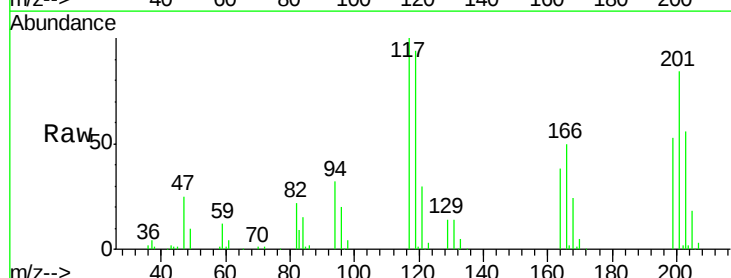


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

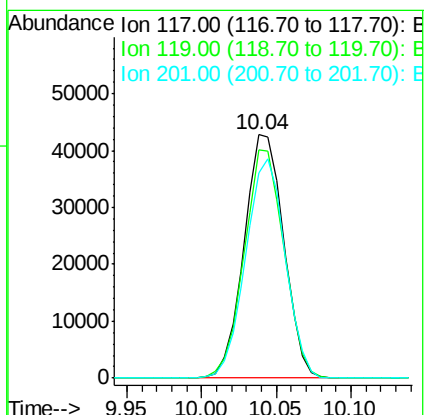
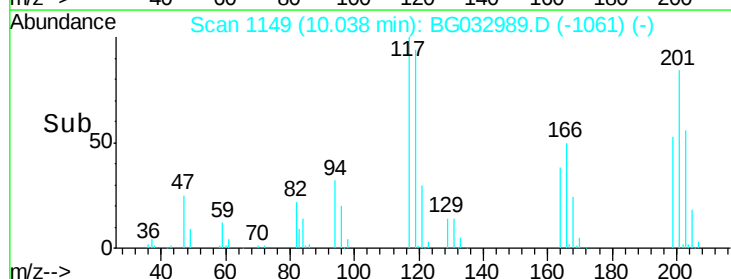


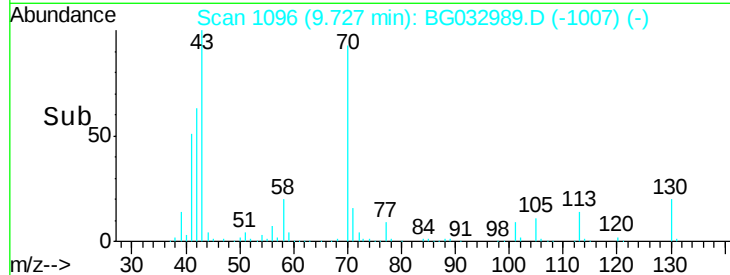
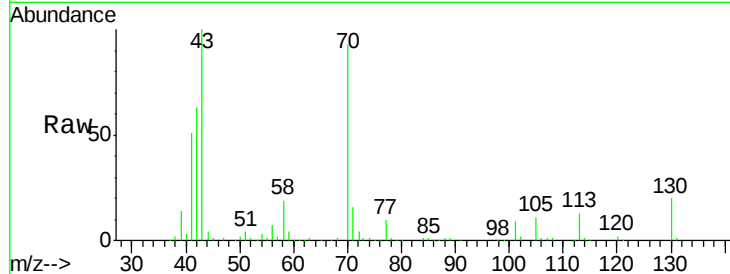
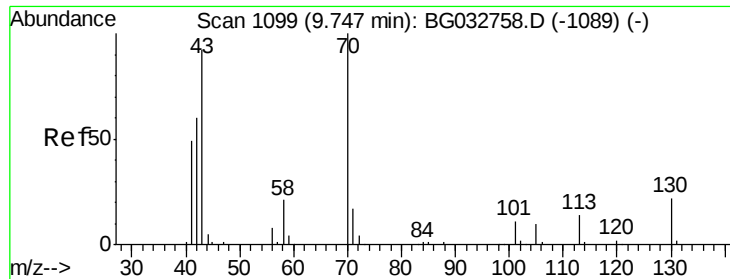
#18
Hexachloroethane
Concen: 43.681 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:117 Resp: 78562
Ion Ratio Lower Upper
117 100
119 93.8 76.7 115.1
201 84.4 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

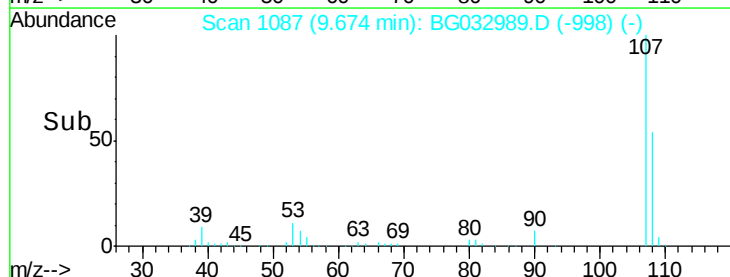
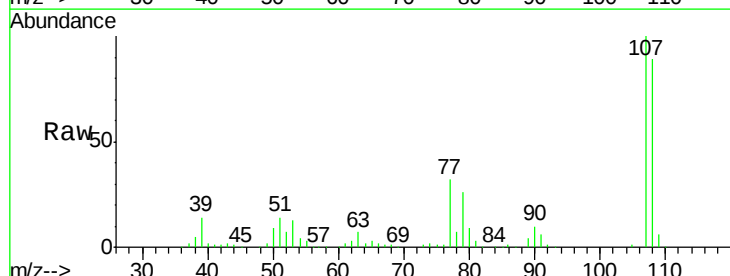
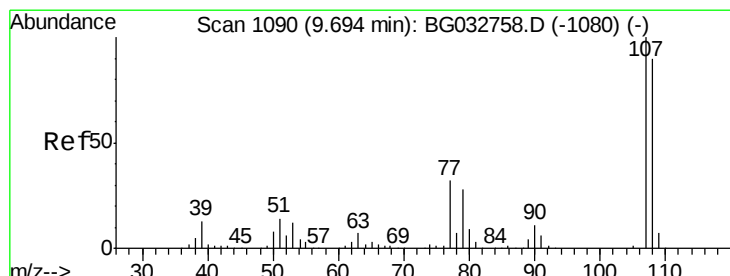
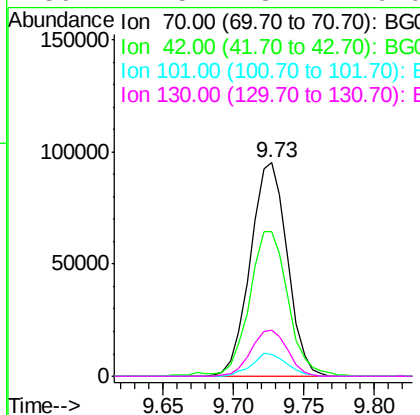




#19
n-Nitroso-di-n-propylamine
Concen: 43.378 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

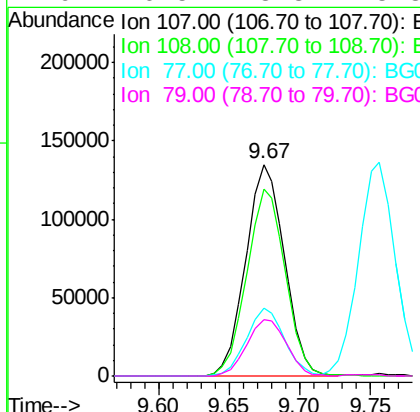
Instrument :
BNA_G
ClientSampled :

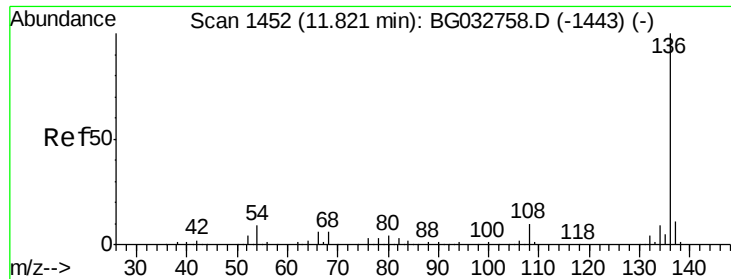
Tot Ion: 70 Resp: 174729
Ion Ratio Lower Upper
70 100
42 67.6 49.1 73.7
101 10.1 8.5 12.7
130 21.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 43.959 ng
RT: 9.67 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion: 107 Resp: 259234
Ion Ratio Lower Upper
107 100
108 88.6 61.6 101.6
77 32.1 13.9 53.9
79 26.5 8.8 48.8

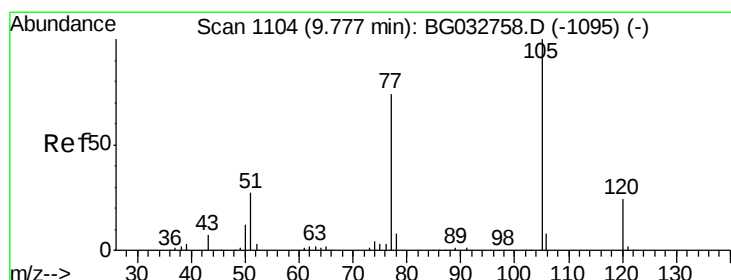
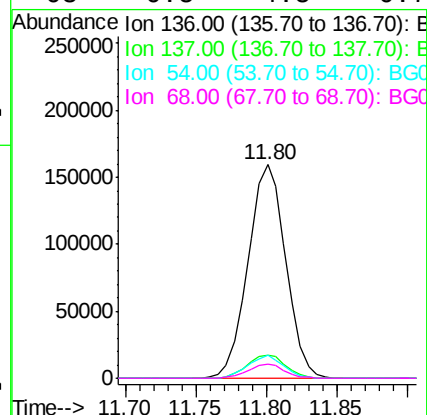
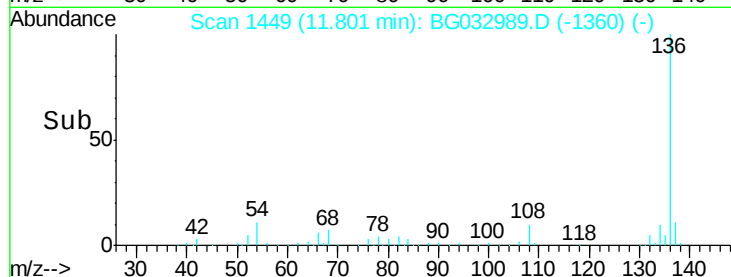
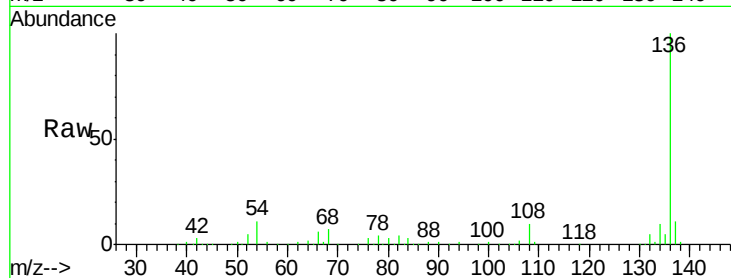




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.80 min Scan# 1449
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

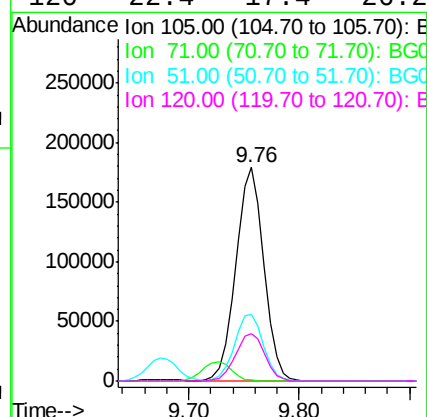
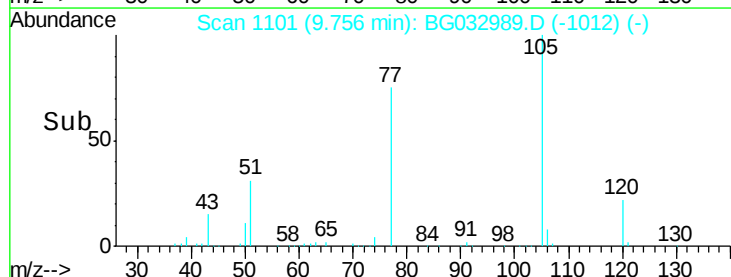
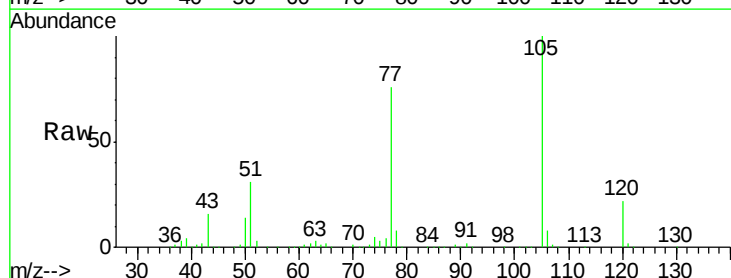
Instrument :
BNA_G
ClientSampleId :

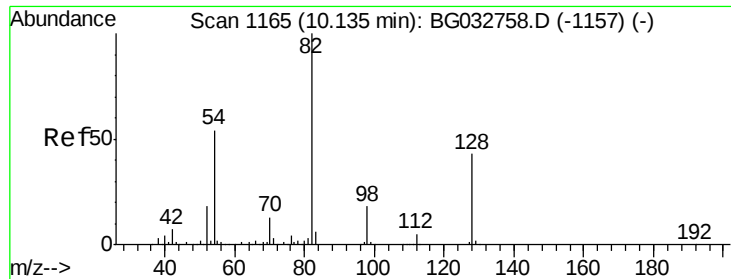
Tot Ion:136	Resp:	296950
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	11.0	10.3 15.5
68	6.5	4.5 6.7



#22
Acetophenone
Concen: 42.323 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:105	Resp:	317397
Ion Ratio	Lower	Upper
105	100	
71	0.4	3.0 4.4#
51	31.4	26.1 39.1
120	22.4	17.4 26.2

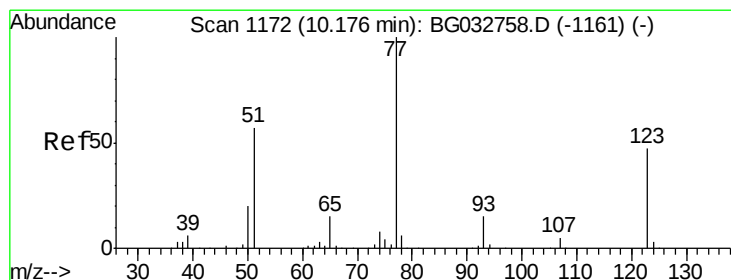
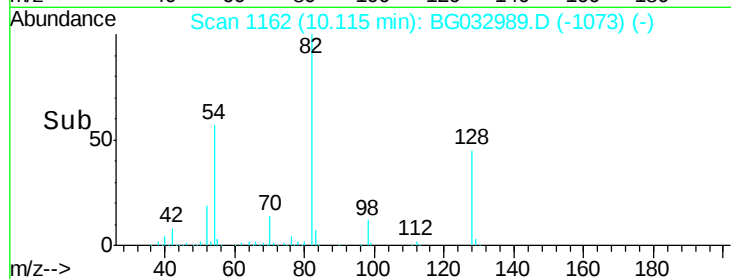
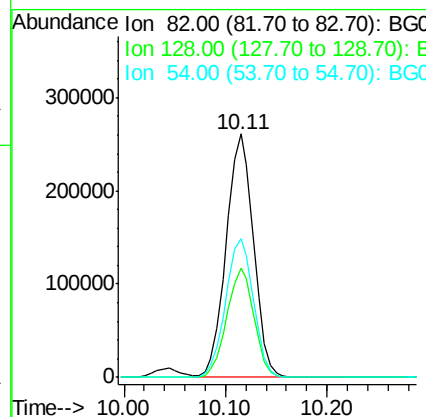
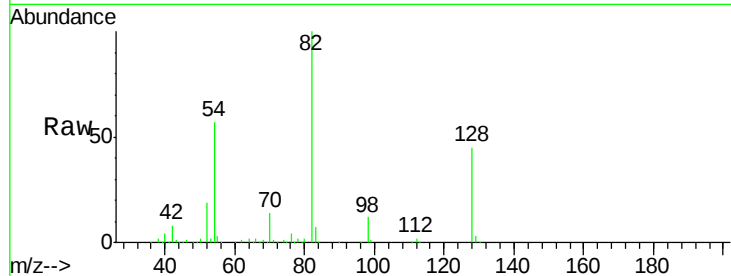




#23
 Nitrobenzene-d5
 Concen: 110.449 ng
 RT: 10.11 min Scan# 1162
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

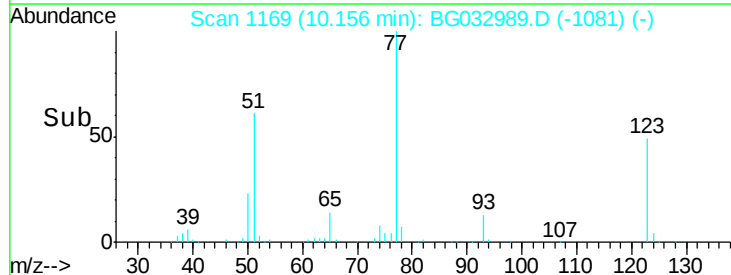
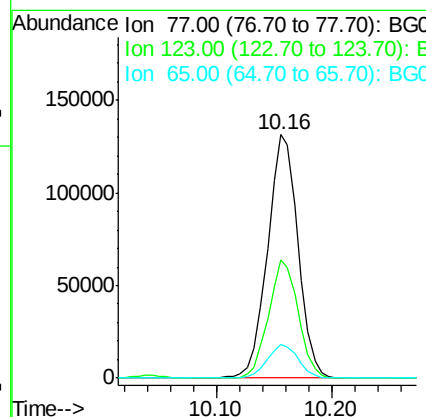
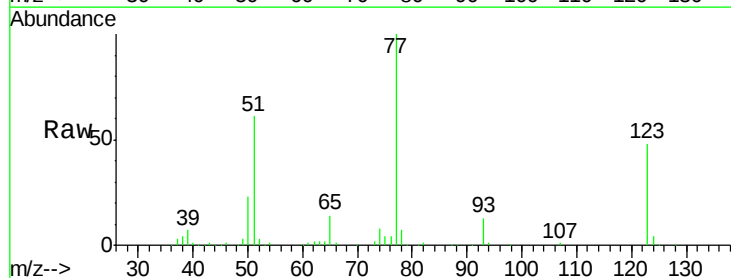
Instrument :
 BNA_G
 ClientSampleId :

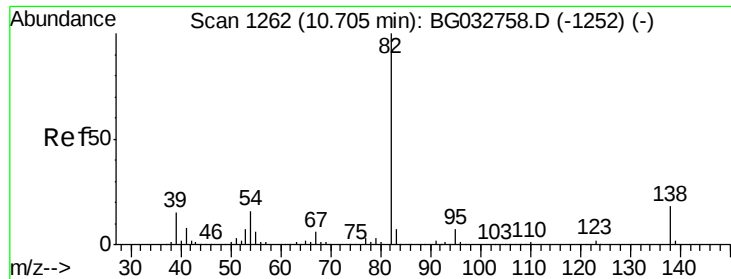
Tot Ion: 82 Resp: 486999
 Ion Ratio Lower Upper
 82 100
 128 44.8 29.7 44.5#
 54 56.8 43.1 64.7



#24
 Nitrobenzene
 Concen: 50.607 ng
 RT: 10.16 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion: 77 Resp: 241550
 Ion Ratio Lower Upper
 77 100
 123 48.4 33.0 49.6
 65 13.8 13.0 19.6





#25

Isophorone

Concen: 45.831 ng

RT: 10.68 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :

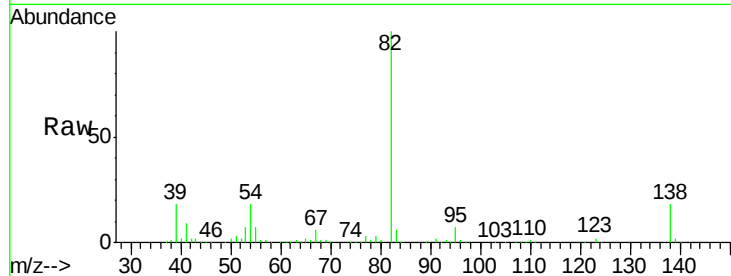
Tot Ion: 82 Resp: 477683

Ion Ratio Lower Upper

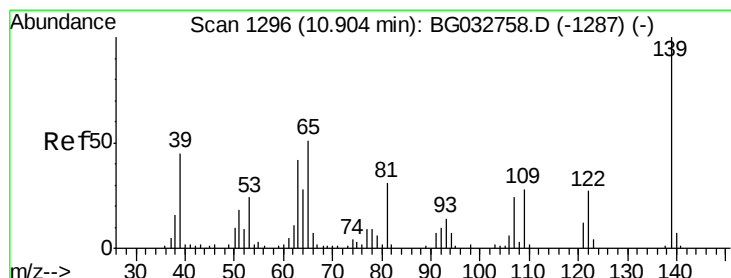
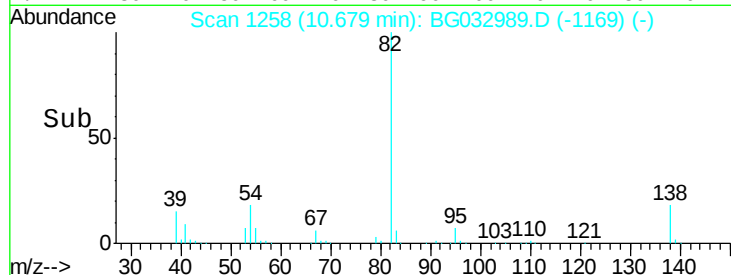
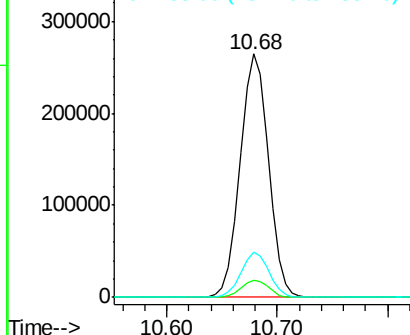
82 100

95 7.3 6.2 9.2

138 18.4 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 62.956 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

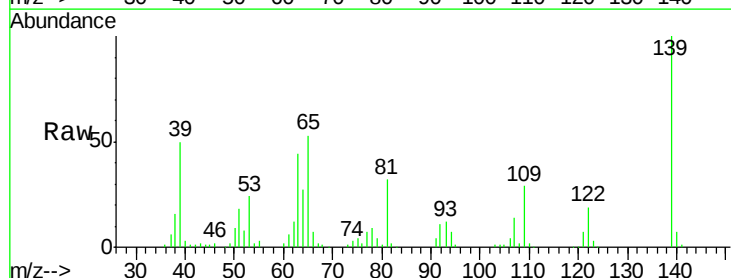
Tgt Ion:139 Resp: 117051

Ion Ratio Lower Upper

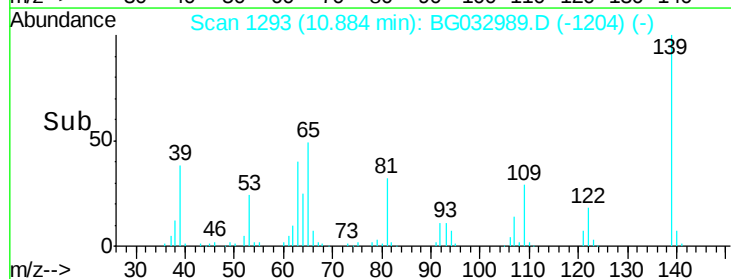
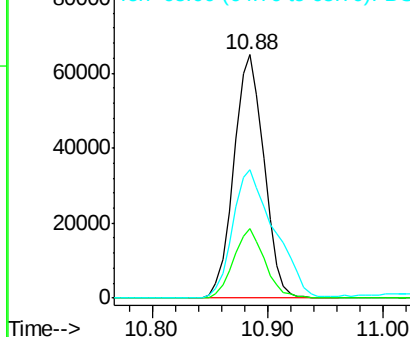
139 100

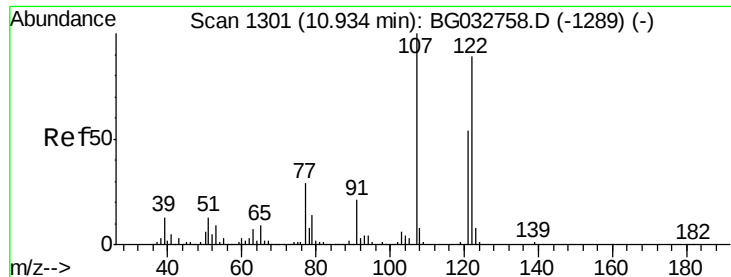
109 28.5 24.2 36.2

65 52.9 47.4 71.0



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

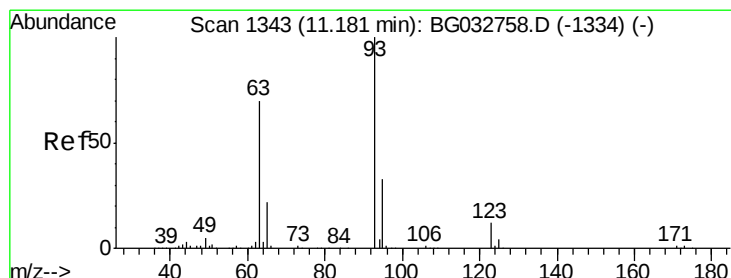
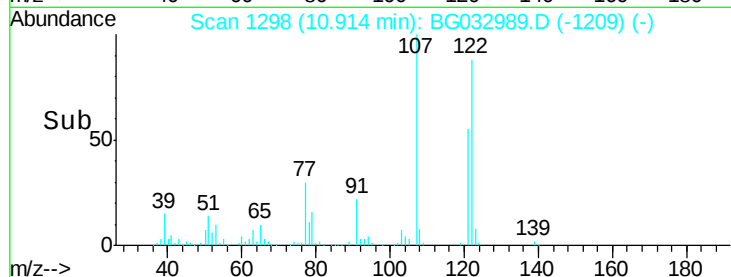
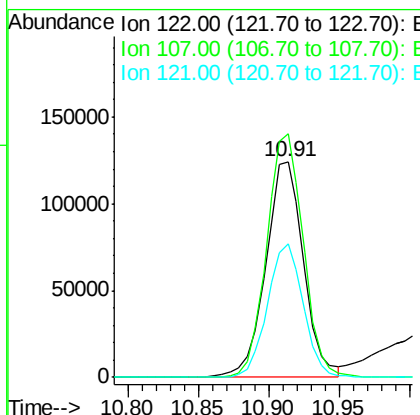
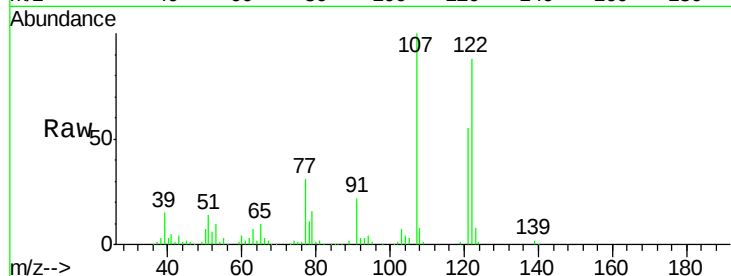




#27
2,4-Dimethylphenol
Concen: 51.348 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

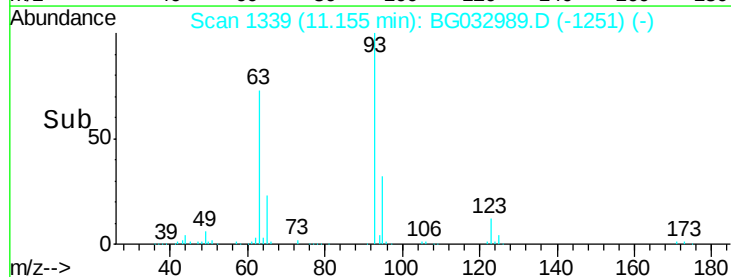
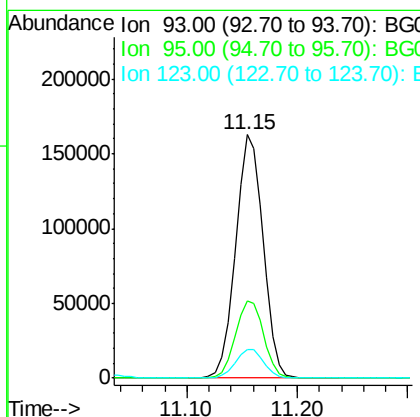
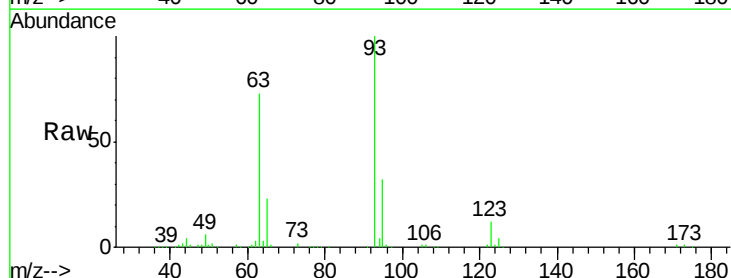
Instrument :
BNA_G
ClientSampleId :

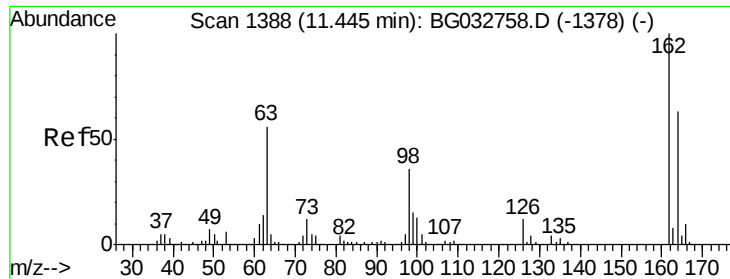
Tot Ion:122 Resp: 232491
Ion Ratio Lower Upper
122 100
107 113.0 100.2 150.2
121 61.9 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.818 ng
RT: 11.15 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion: 93 Resp: 284273
Ion Ratio Lower Upper
93 100
95 31.9 24.3 36.5
123 11.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 50.496 ng

RT: 11.42 min Scan# 1385

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampled :

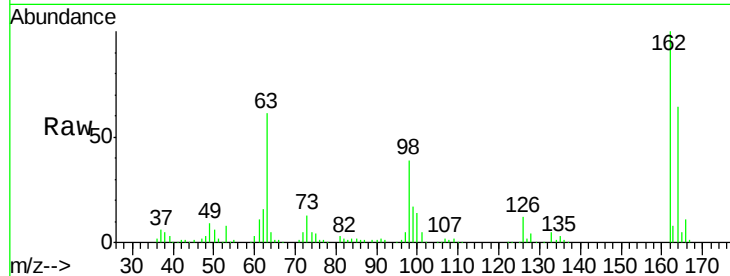
Tot Ion:162 Resp: 207507

Ion Ratio Lower Upper

162 100

164 63.7 48.0 88.0

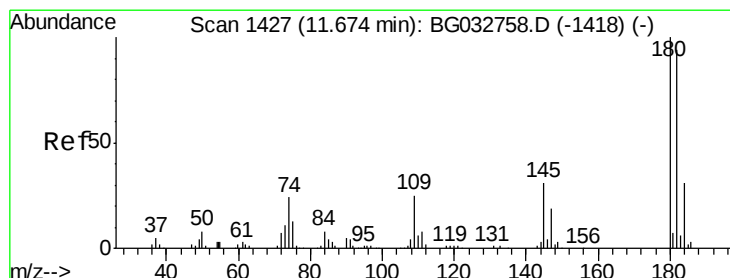
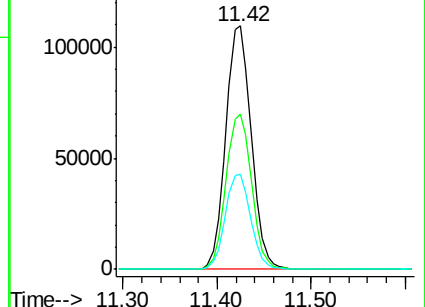
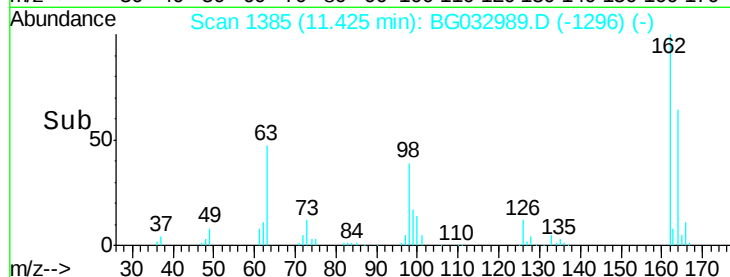
98 39.1 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.078 ng

RT: 11.65 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

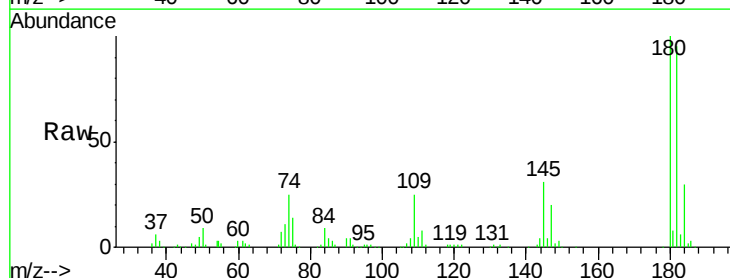
Tgt Ion:180 Resp: 197875

Ion Ratio Lower Upper

180 100

182 95.1 77.5 116.3

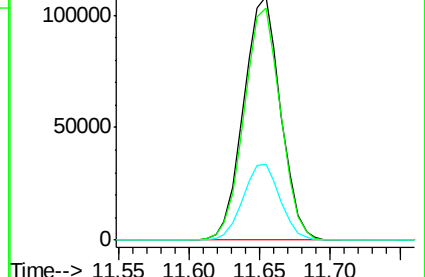
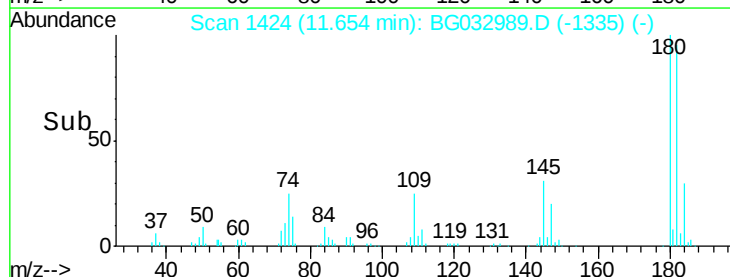
145 31.0 23.4 35.2

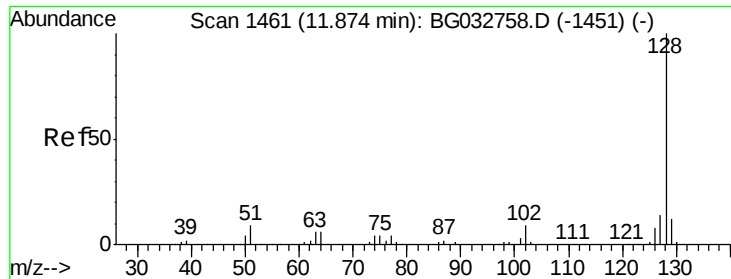


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

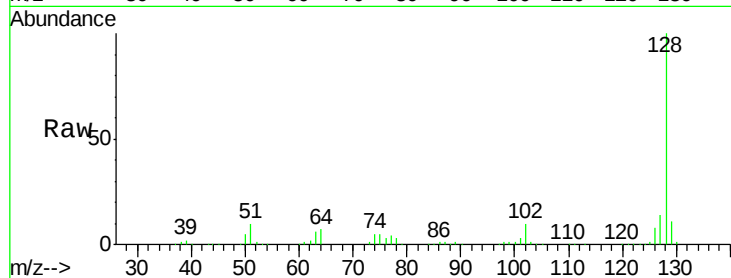




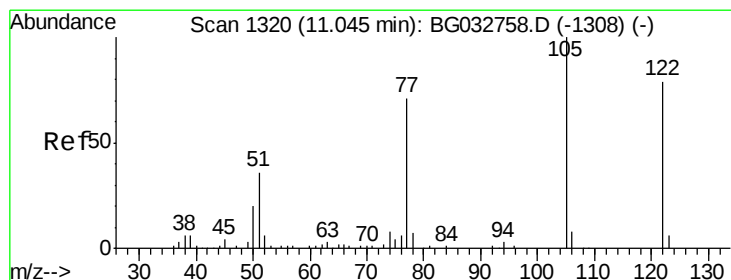
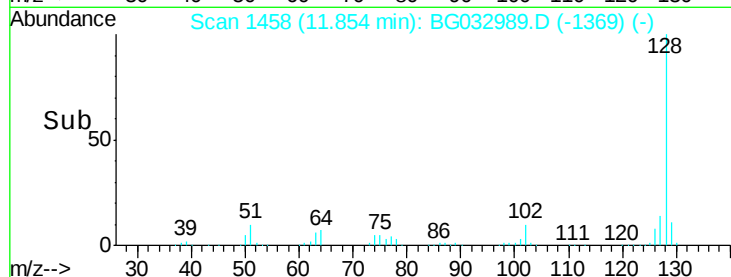
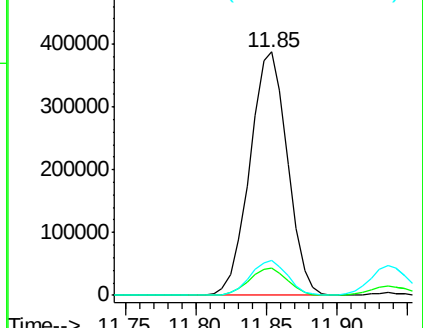
#31
Naphthalene
Concen: 46.635 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 723616
Ion Ratio Lower Upper
128 100
129 11.1 8.6 12.8
127 14.2 11.6 17.4

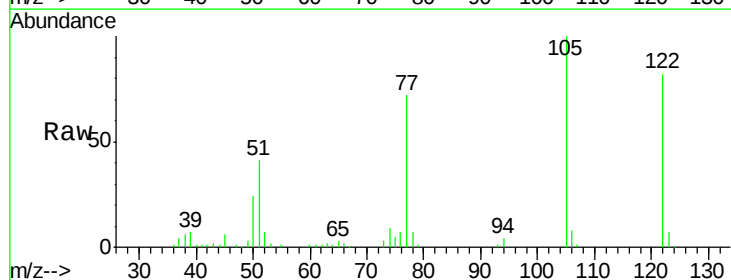


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

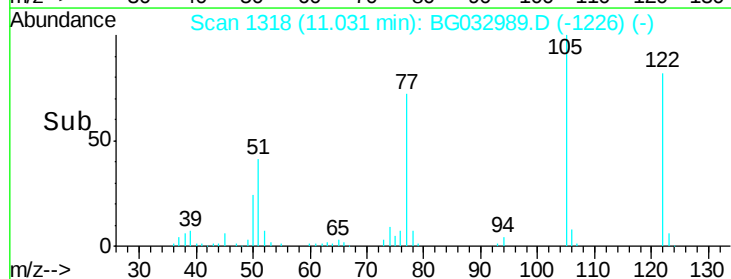
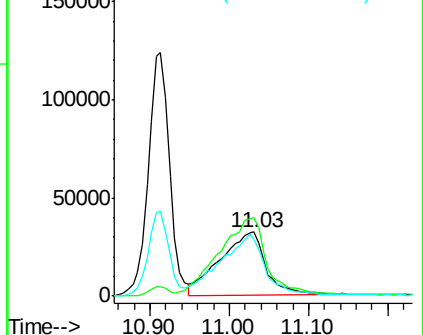


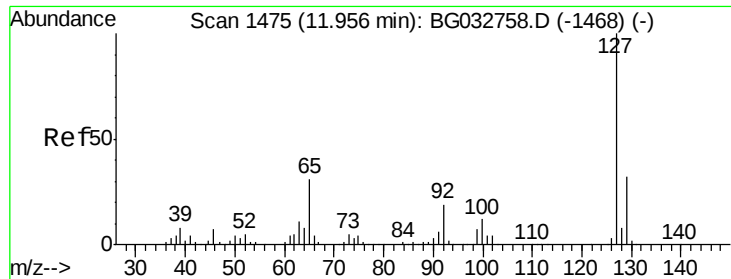
#32
Benzoic acid
Concen: 46.404 ng
RT: 11.03 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:122 Resp: 128885
Ion Ratio Lower Upper
122 100
105 121.8 123.5 163.5#
77 87.7 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

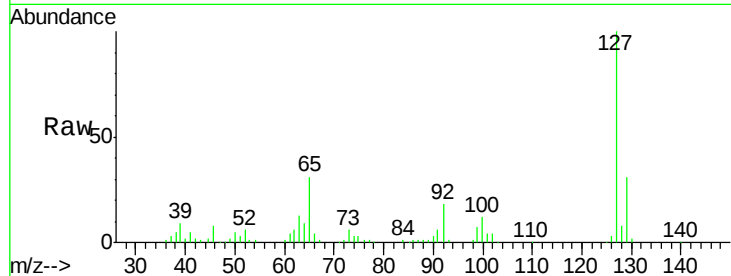




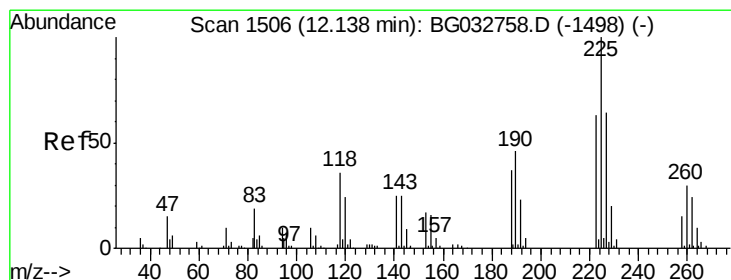
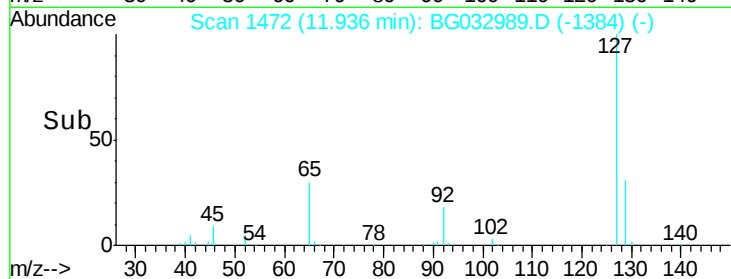
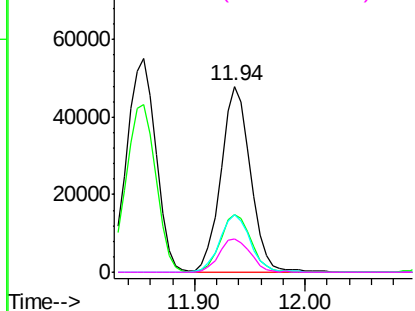
#33
4-Chloroaniline
Concen: 12.971 ng
RT: 11.94 min Scan# 1472
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	89994
Ion	Ratio	Lower	Upper
127	100		
129	30.7	24.0	36.0
65	31.2	27.0	40.4
92	18.1	16.6	25.0

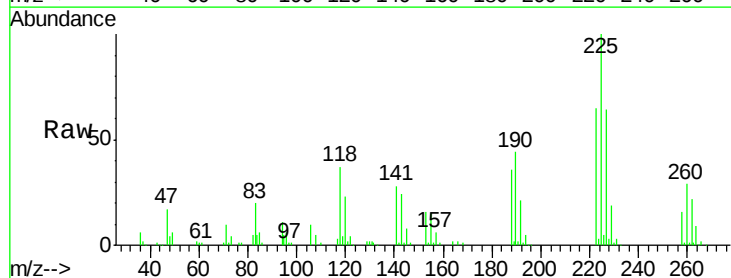


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

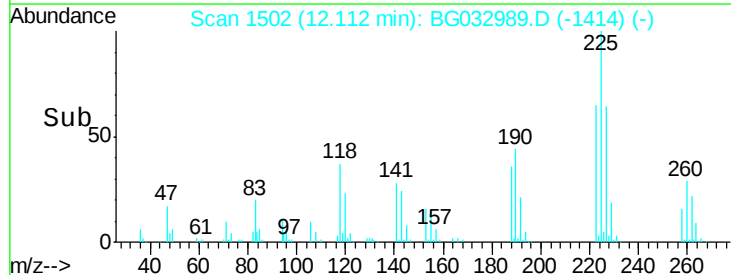
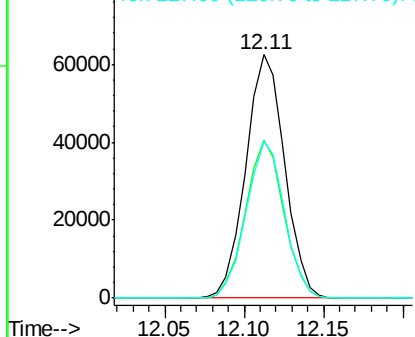


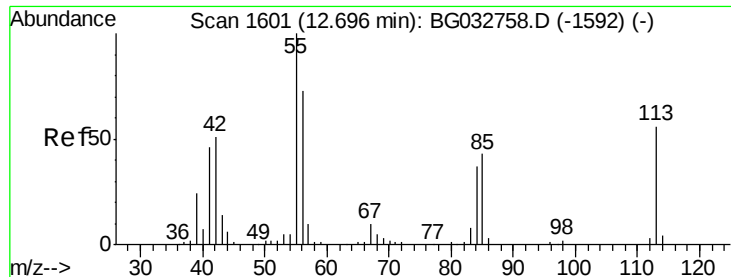
#34
Hexachlorobutadiene
Concen: 39.341 ng
RT: 12.11 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:	225	Resp:	106298
Ion	Ratio	Lower	Upper
225	100		
223	64.6	49.7	74.5
227	64.5	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: 41.116 ng

RT: 12.68 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampled :

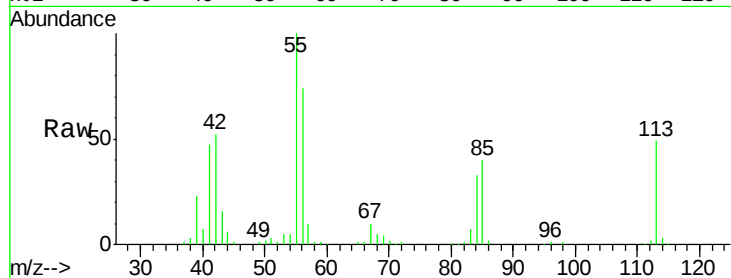
Tot Ion:113 Resp: 67654

Ion Ratio Lower Upper

113 100

55 202.5 186.9 226.9

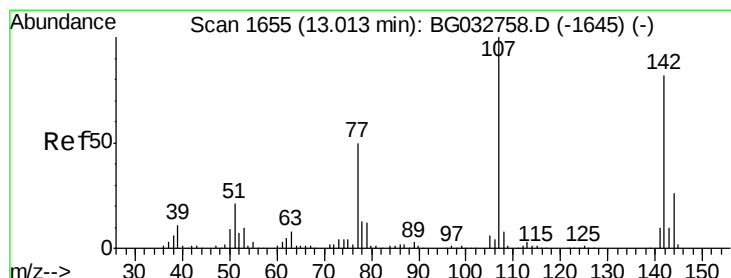
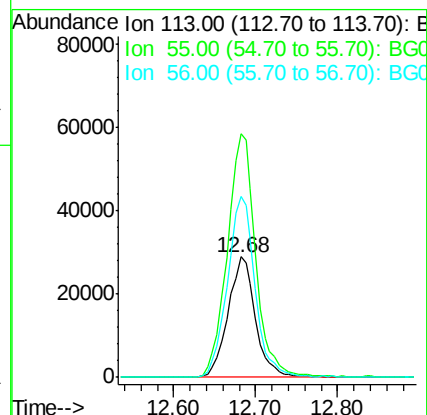
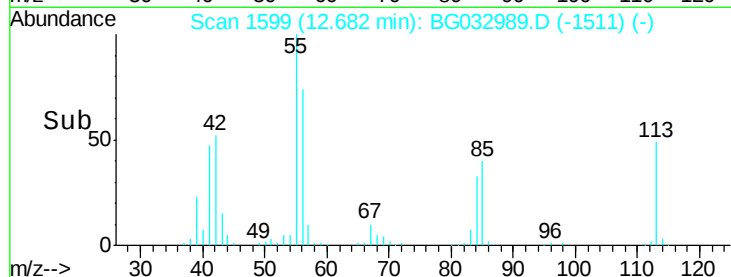
56 150.8 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 53.178 ng

RT: 13.00 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

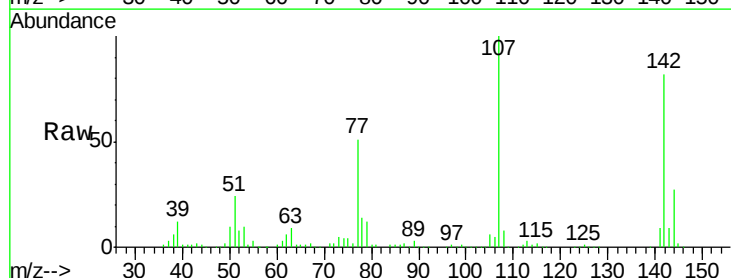
Tgt Ion:107 Resp: 254304

Ion Ratio Lower Upper

107 100

144 26.6 18.2 27.4

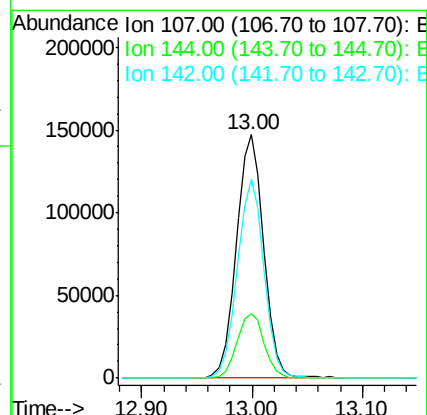
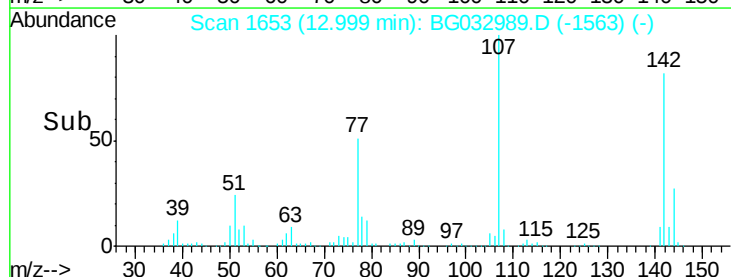
142 81.6 59.0 88.4

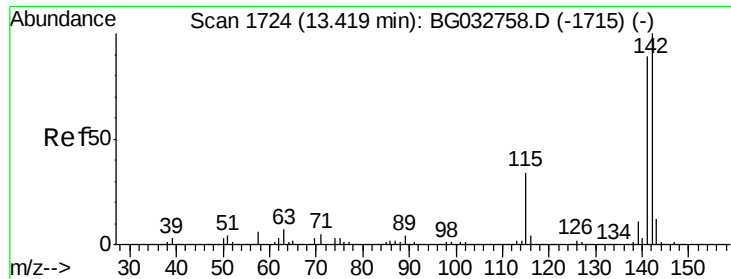


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

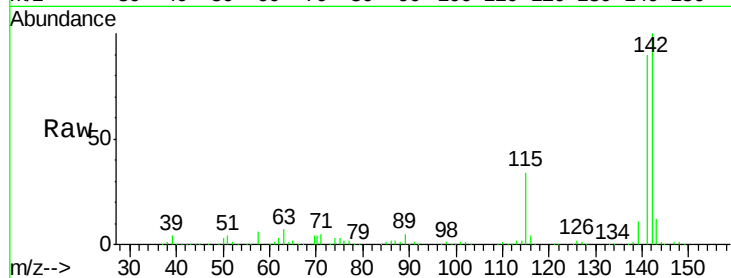




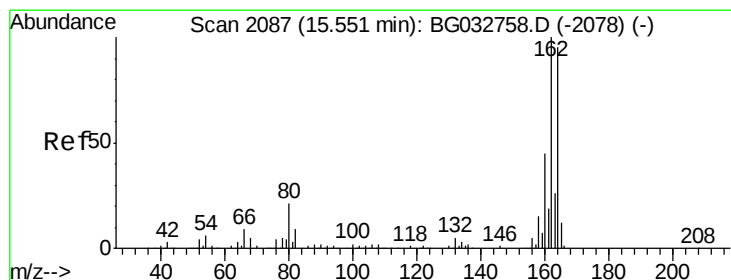
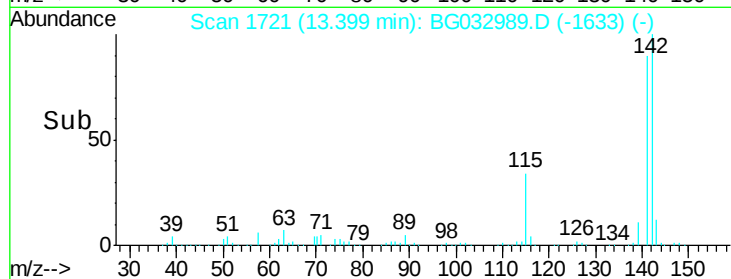
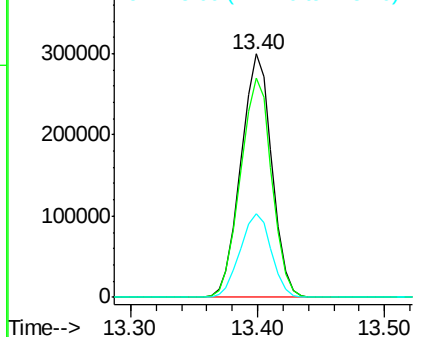
#37
2-Methylnaphthalene
Concen: 45.001 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	67.1	100.7
115	34.2	30.7	46.1

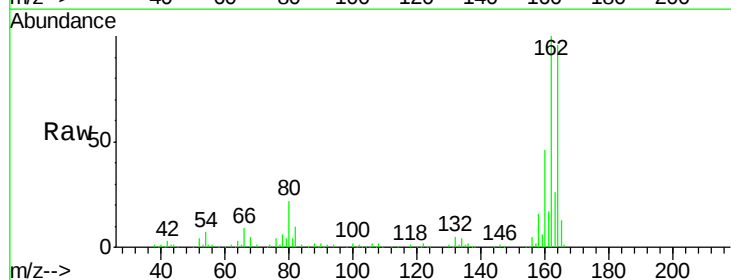


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

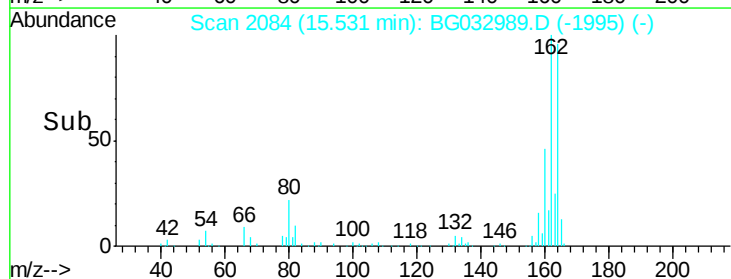
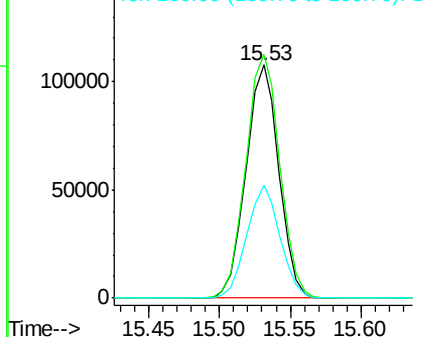


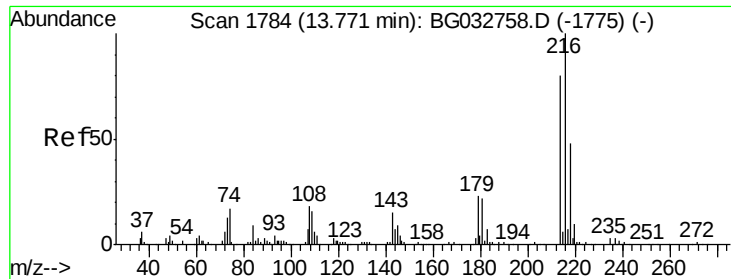
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.53 min Scan# 2084
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	78.8	118.2
160	48.5	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: 40.199 ng

RT: 13.75 min Scan# 1781

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 209941

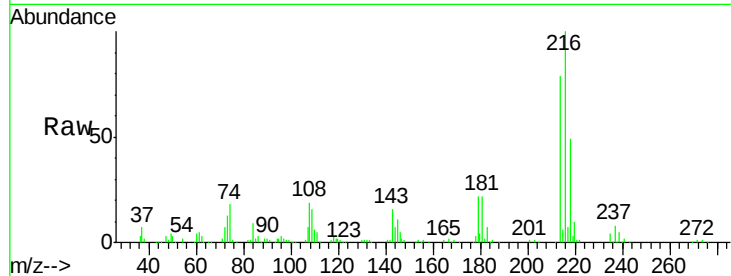
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.0	94.4
179	23.0	17.0	25.6
108	23.4	12.8	19.2

216 100

214 79.5 63.0 94.4

179 23.0 17.0 25.6

108 23.4 12.8 19.2

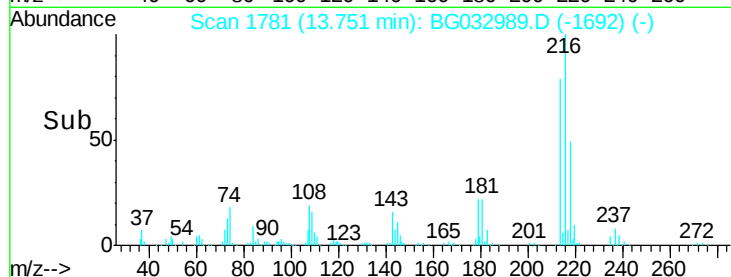


Abundance Ion 216.00 (215.70 to 216.70): E

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



Time-->

13.75

13.75

13.75

13.75

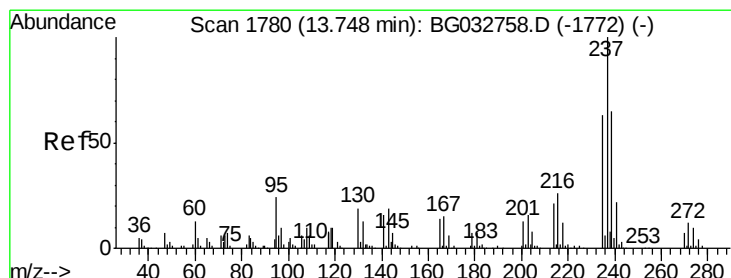
13.75

13.75

13.75

13.75

13.75



#40

Hexachlorocyclopentadiene

Concen: 94.936 ng

RT: 13.73 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

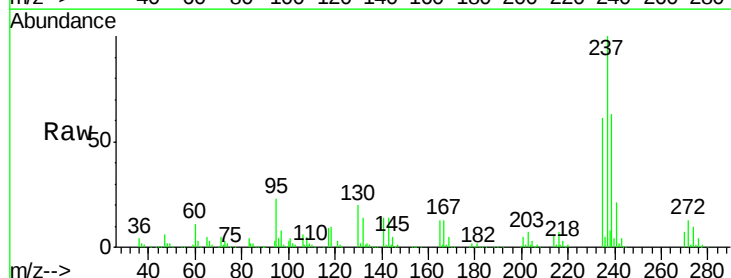
Tgt Ion:237 Resp: 252682

Ion	Ratio	Lower	Upper
237	100		
235	61.4	50.4	90.4
272	12.6	0.0	31.8

237 100

235 61.4 50.4 90.4

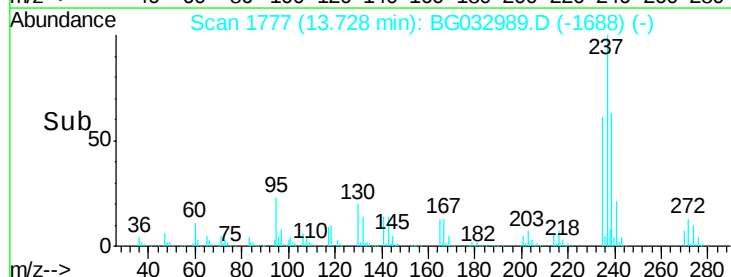
272 12.6 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

13.73

13.73

13.73

13.73

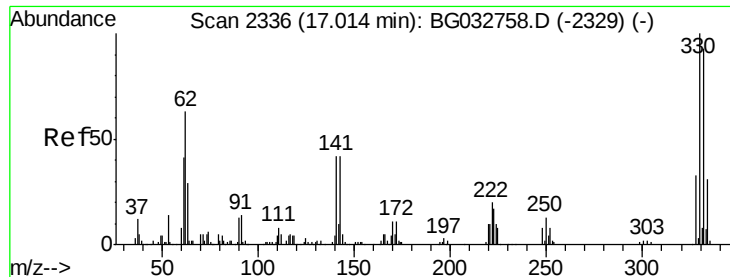
13.73

13.73

13.73

13.73

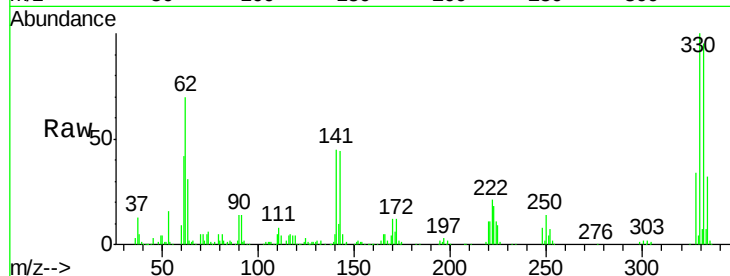
13.73



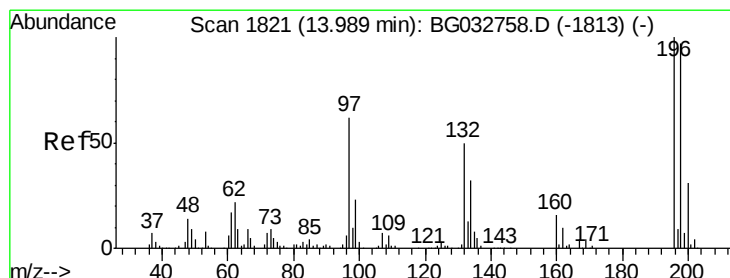
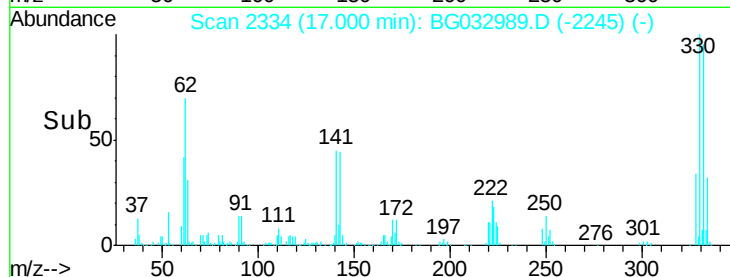
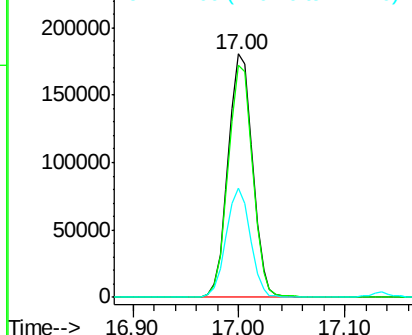
#41
 2,4,6-Tribromophenol
 Concen: 155.956 ng
 RT: 17.00 min Scan# 2334
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 288495
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.0 115.6
 141 44.4 25.2 37.8#

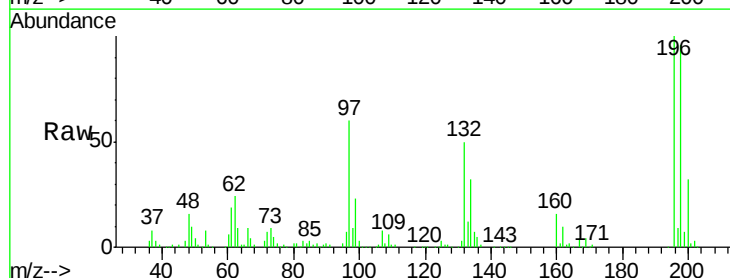


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

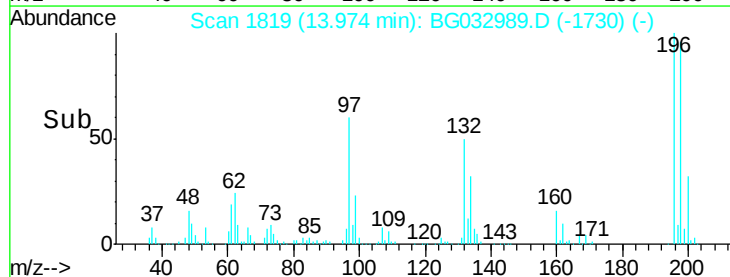
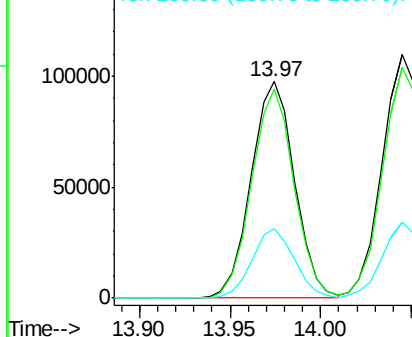


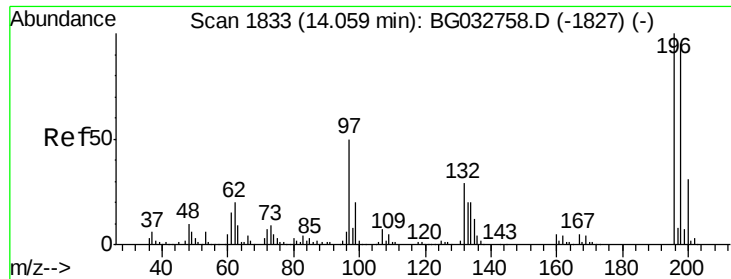
#42
 2,4,6-Trichlorophenol
 Concen: 49.629 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion:196 Resp: 163454
 Ion Ratio Lower Upper
 196 100
 198 96.4 78.2 117.2
 200 32.2 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

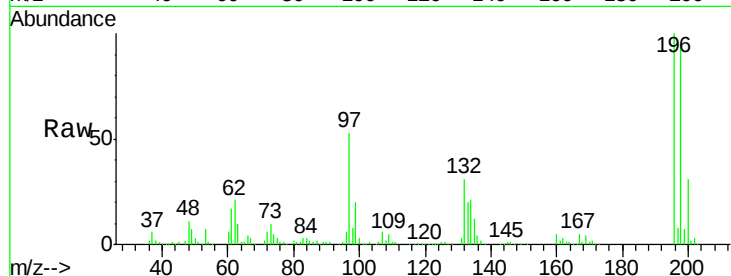




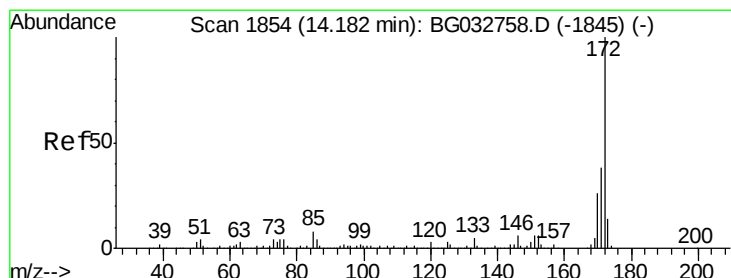
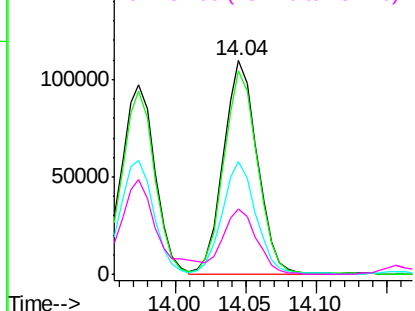
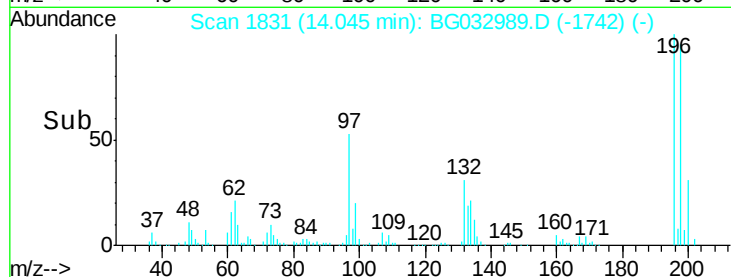
#43
 2,4,5-Trichlorophenol
 Concen: 47.851 ng
 RT: 14.04 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 182401
 Ion Ratio Lower Upper
 196 100
 198 95.0 76.2 114.4
 97 52.7 38.7 58.1
 132 30.6 20.2 30.2#

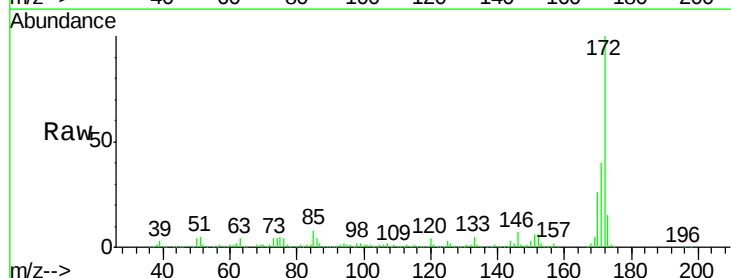


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

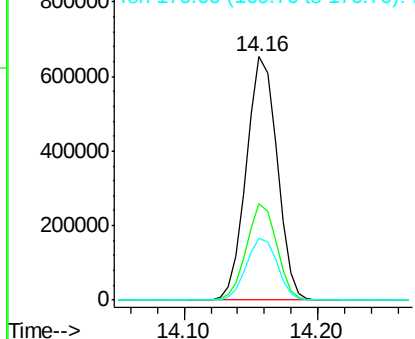
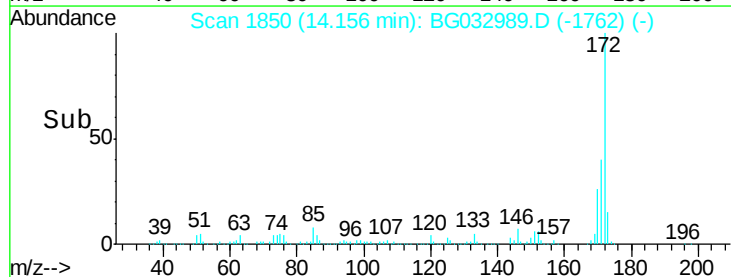


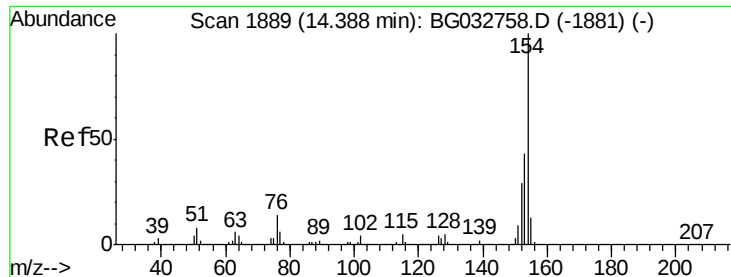
#44
 2-Fluorobiphenyl
 Concen: 84.989 ng
 RT: 14.16 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion:172 Resp: 1036717
 Ion Ratio Lower Upper
 172 100
 171 39.7 30.0 45.0
 170 25.6 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: 41.256 ng

RT: 14.37 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampled :

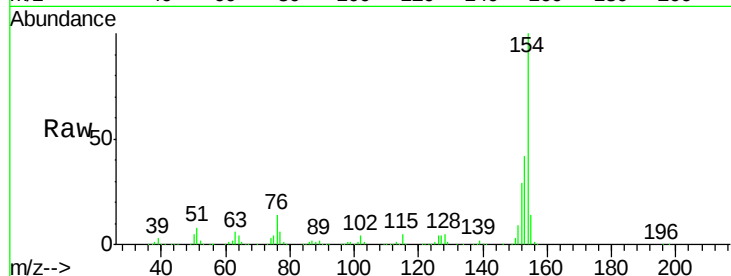
Tot Ion:154 Resp: 634253

Ion Ratio Lower Upper

154 100

153 42.3 19.8 59.8

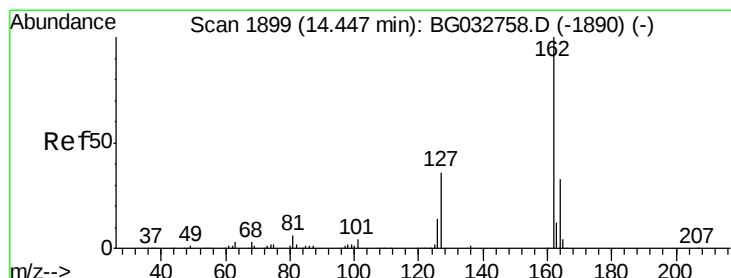
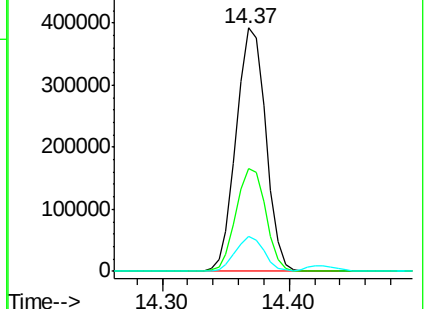
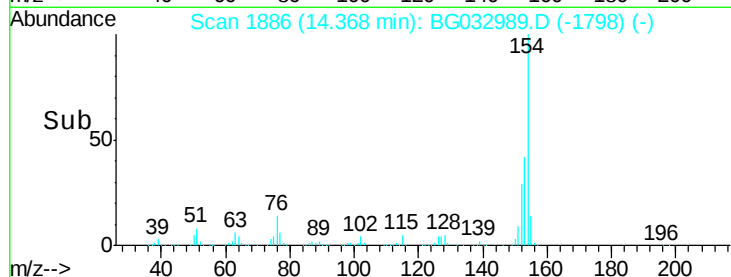
76 14.5 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 41.624 ng

RT: 14.43 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

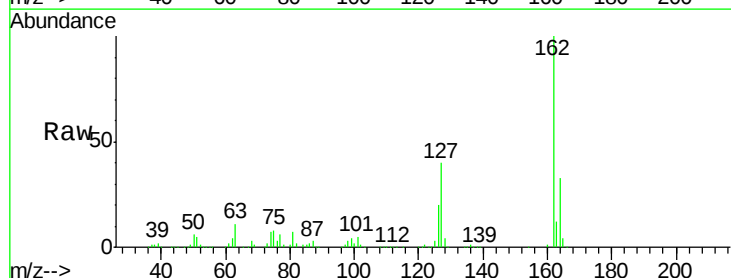
Tgt Ion:162 Resp: 478009

Ion Ratio Lower Upper

162 100

127 40.3 30.7 46.1

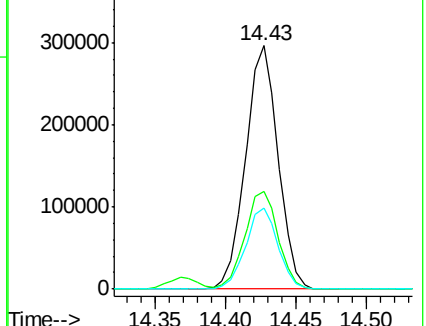
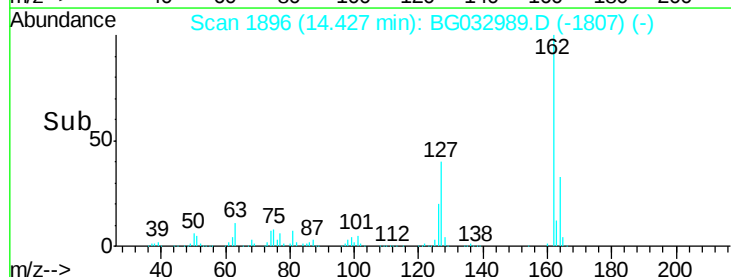
164 33.2 26.0 39.0

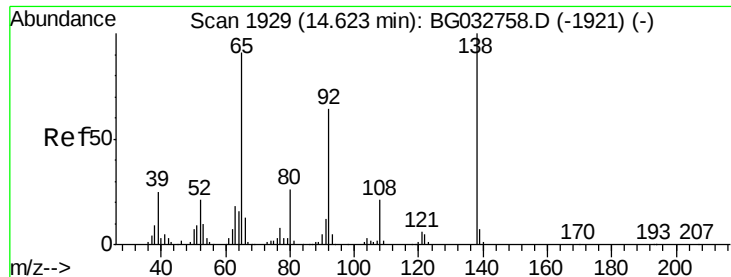


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.763 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampled :

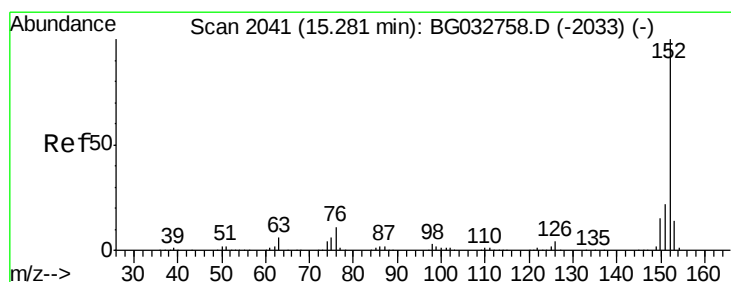
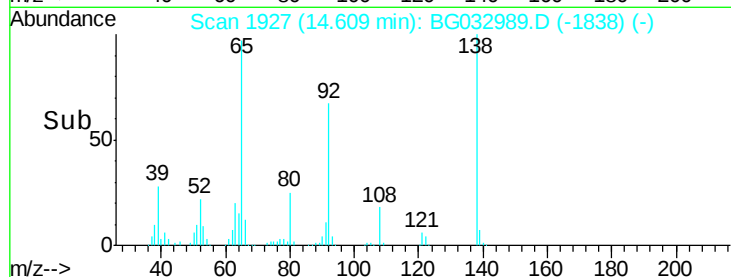
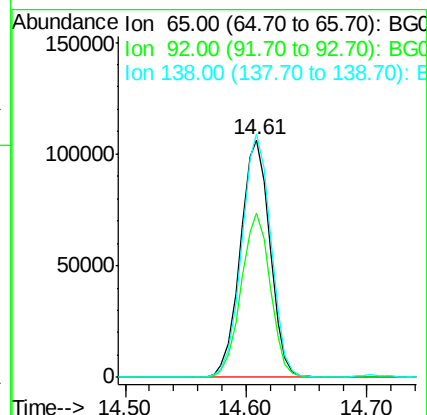
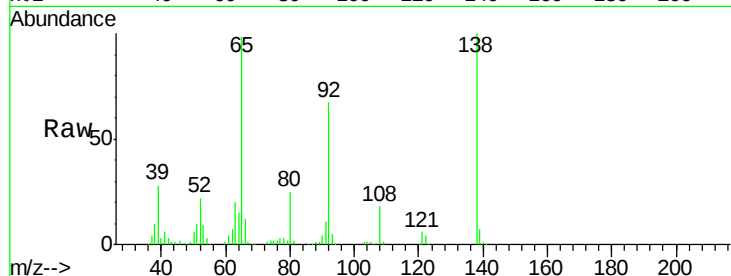
Tot Ion: 65 Resp: 181864

Ion Ratio Lower Upper

65 100

92 69.0 54.6 82.0

138 102.4 72.9 109.3



#48

Acenaphthylene

Concen: 42.481 ng

RT: 15.26 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

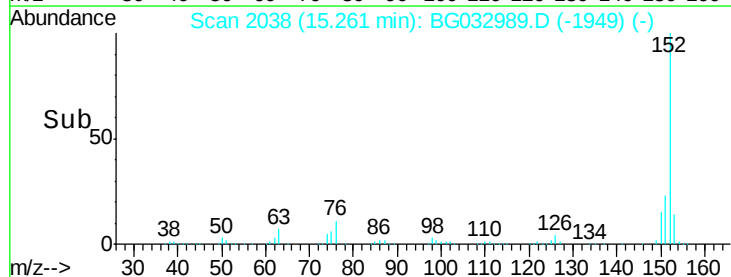
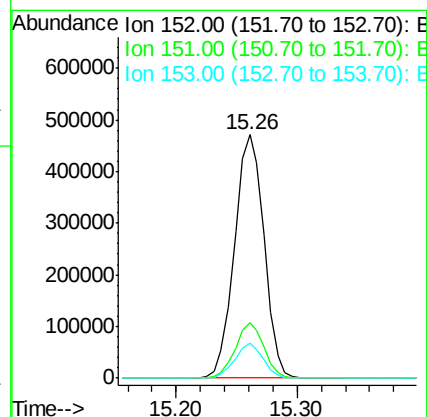
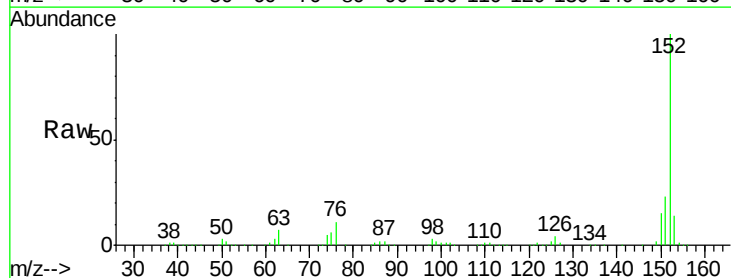
Tgt Ion: 152 Resp: 798711

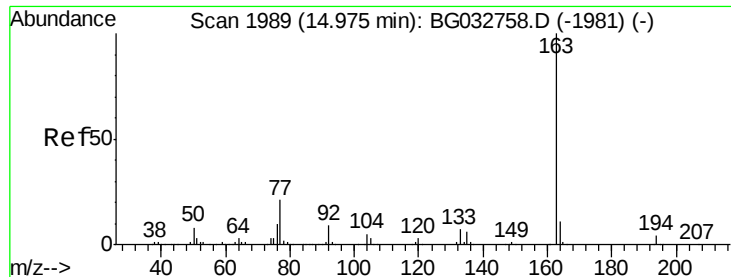
Ion Ratio Lower Upper

152 100

151 22.6 17.2 25.8

153 14.4 10.2 15.4





#49

Dimethylphthalate

Concen: 43.449 ng

RT: 14.96 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampled :

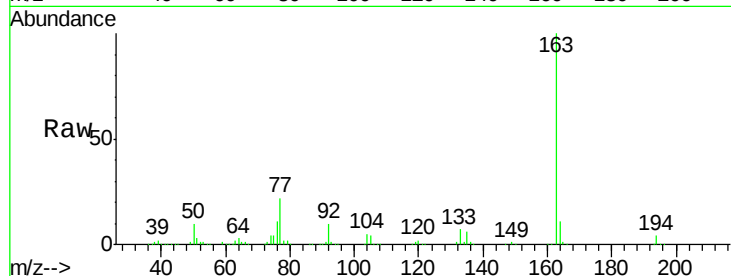
Tot Ion:163 Resp: 649047

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

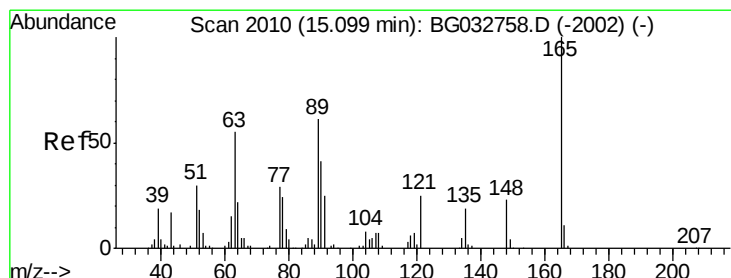
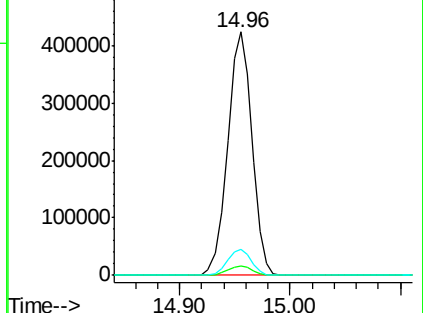
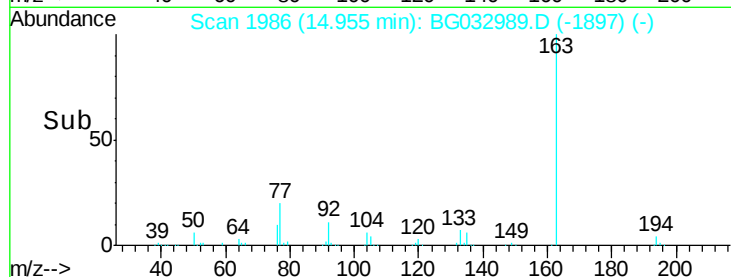
164 10.7 8.2 12.4



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: 57.430 ng

RT: 15.08 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

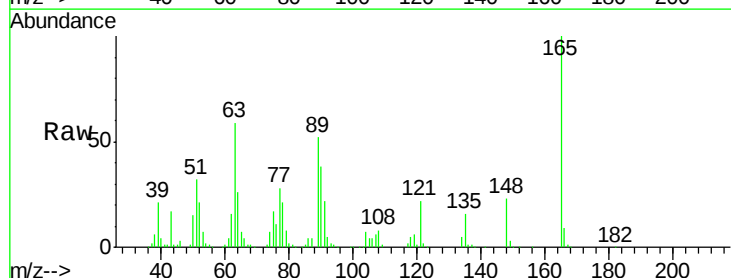
Tgt Ion:165 Resp: 147301

Ion Ratio Lower Upper

165 100

63 59.2 52.7 79.1

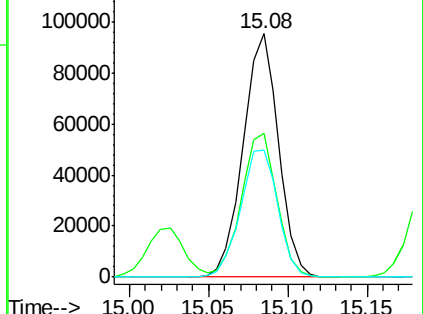
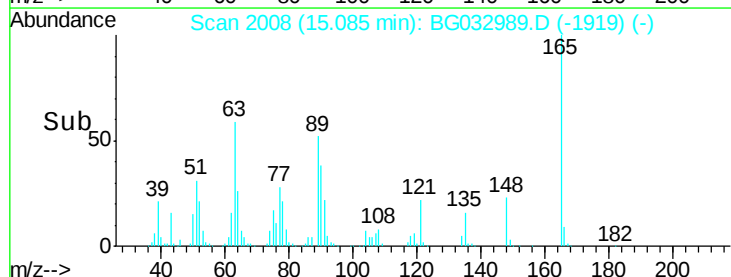
89 52.3 49.2 73.8

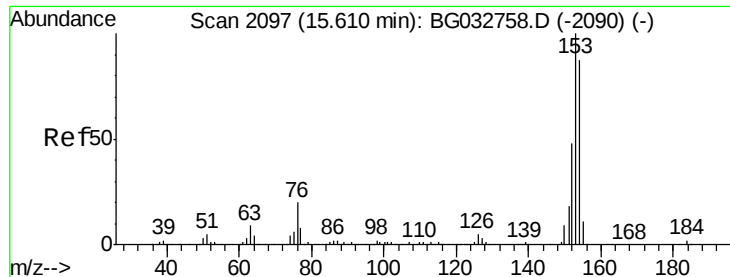


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.959 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :

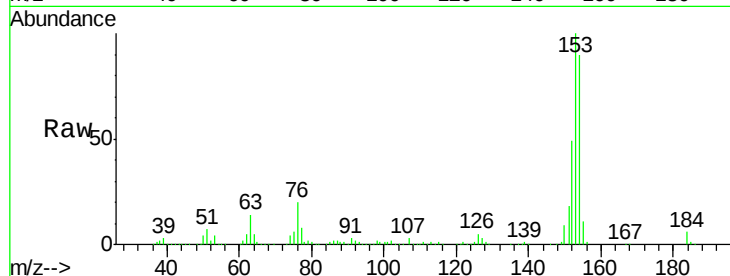
Tot Ion:154 Resp: 549866

Ion Ratio Lower Upper

154 100

153 110.6 90.4 135.6

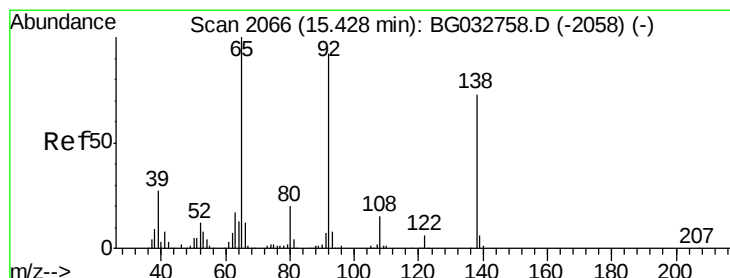
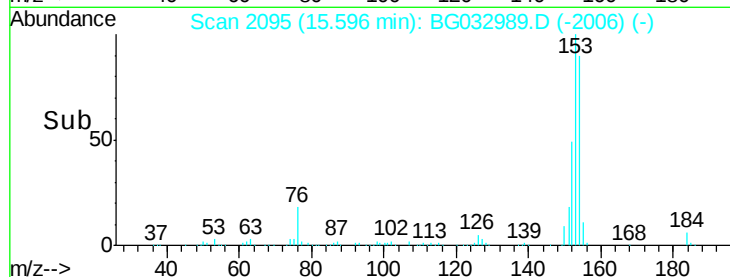
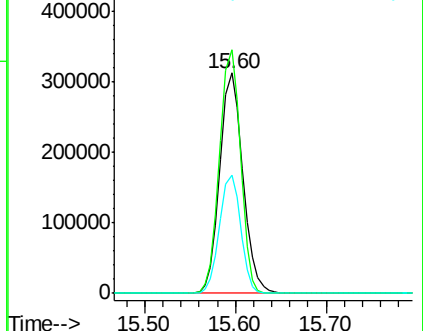
152 53.9 41.6 62.4



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: 31.182 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

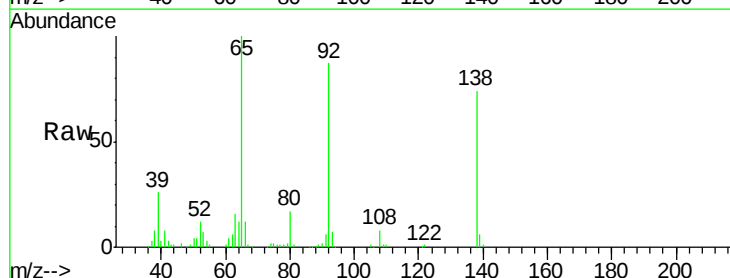
Tgt Ion:138 Resp: 85789

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

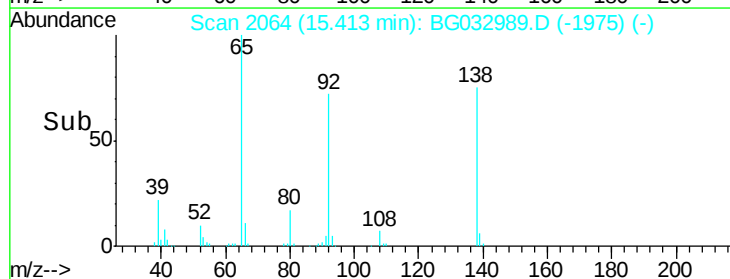
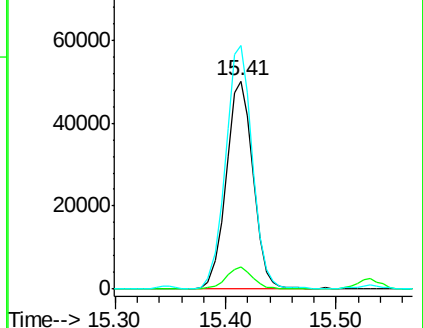
92 116.9 105.8 158.8

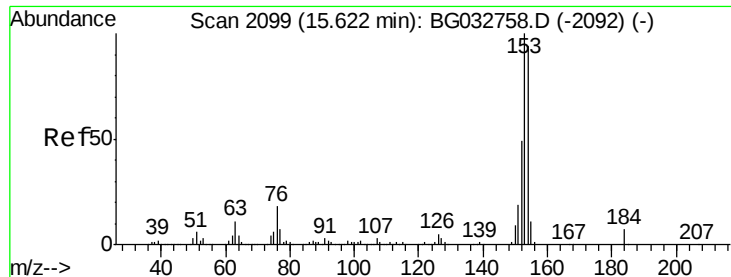


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

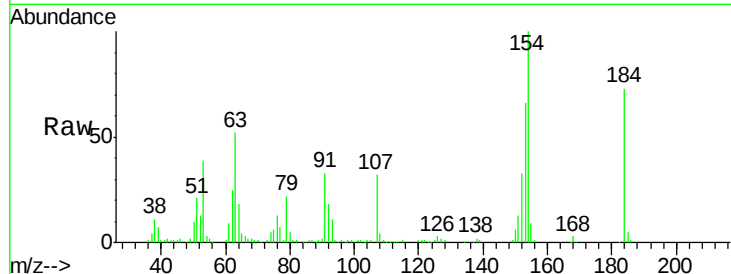




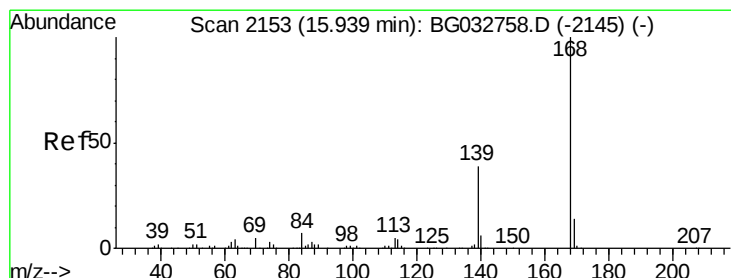
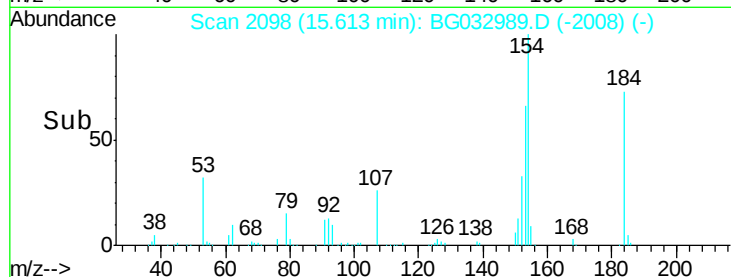
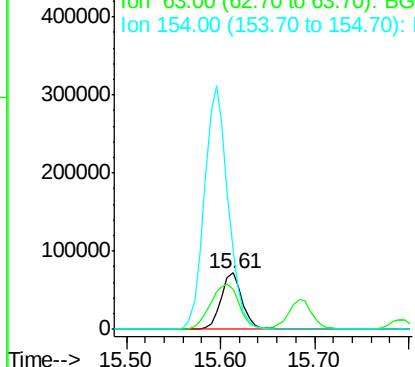
#53
2,4-Dinitrophenol
Concen: 124.081 ng
RT: 15.61 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 117172
Ion Ratio Lower Upper
184 100
63 71.4 59.8 89.8
154 137.6 101.8 152.8

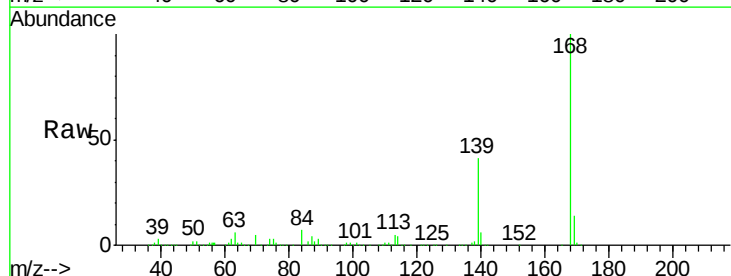


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

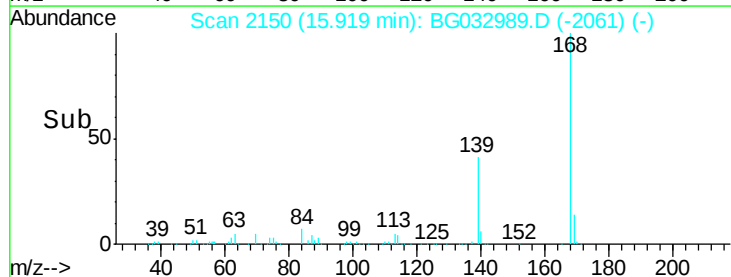
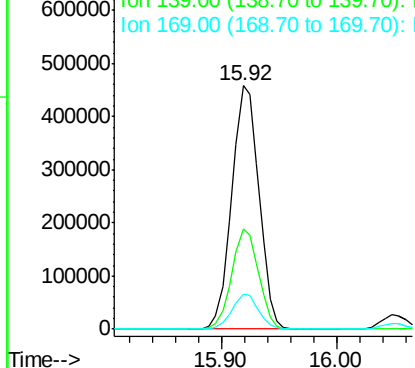


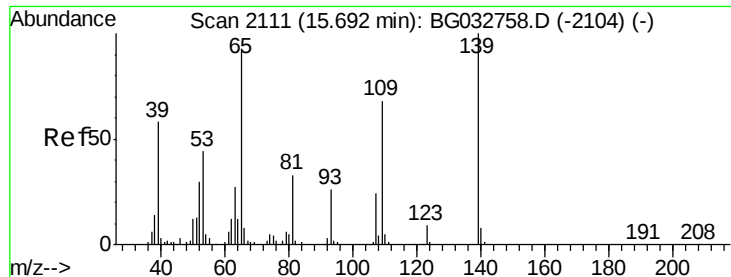
#54
Dibenzofuran
Concen: 44.793 ng
RT: 15.92 min Scan# 2150
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:168 Resp: 746824
Ion Ratio Lower Upper
168 100
139 41.4 28.6 43.0
169 14.4 11.2 16.8



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

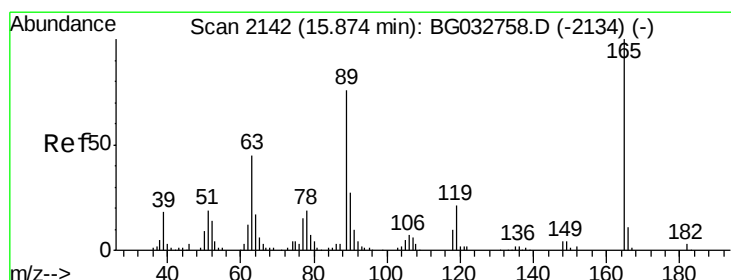
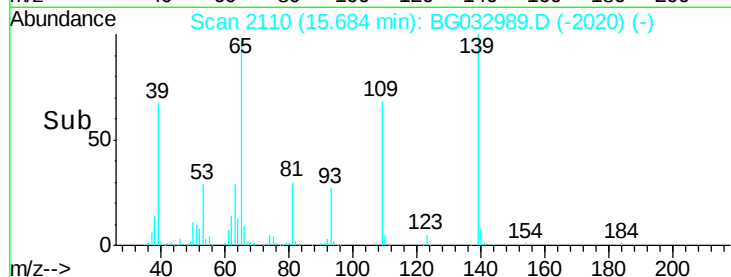
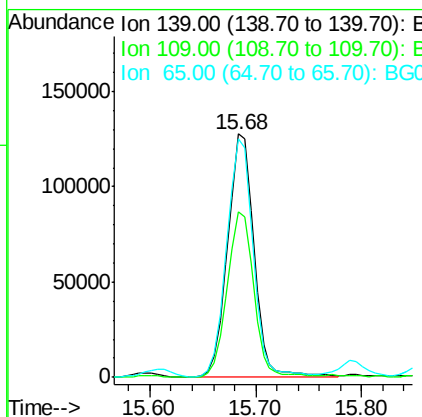
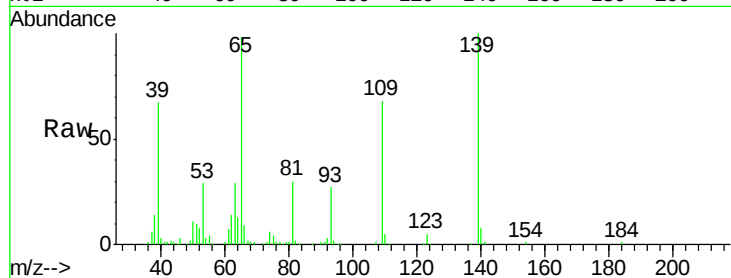




#55
4-Nitrophenol
Concen: 89.692 ng
RT: 15.68 min Scan# 2110
Delta R.T. 0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

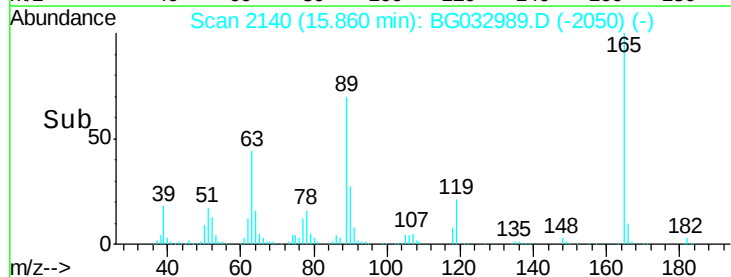
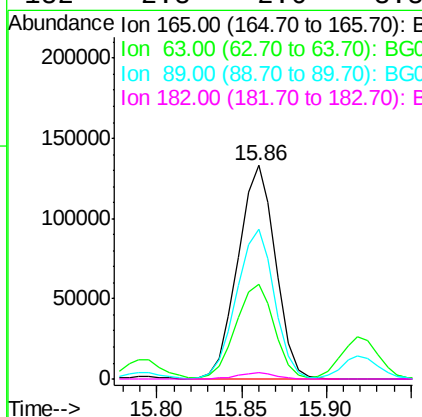
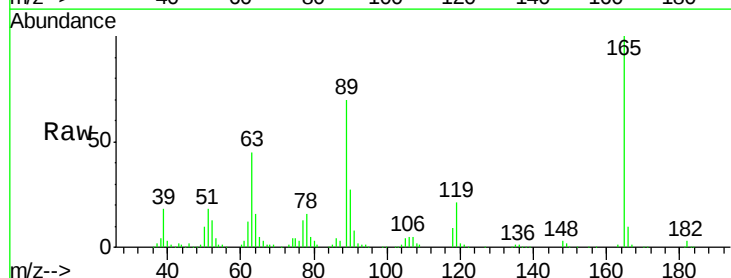
Instrument :
BNA_G
ClientSampleId :

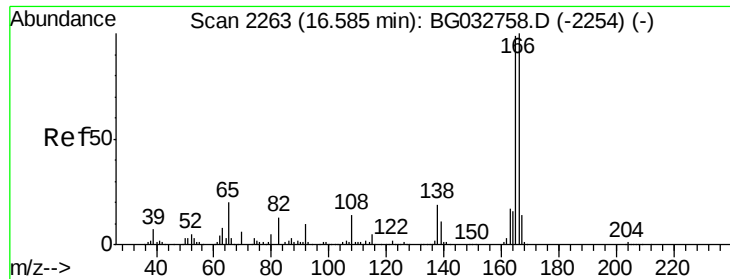
Tot Ion:139 Resp: 221708
Ion Ratio Lower Upper
139 100
109 68.0 62.2 102.2
65 98.0 97.2 137.2



#56
2,4-Dinitrotoluene
Concen: 64.753 ng
RT: 15.86 min Scan# 2140
Delta R.T. 0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:165 Resp: 205649
Ion Ratio Lower Upper
165 100
63 44.6 42.0 63.0
89 69.9 66.9 100.3
182 2.8 2.6 3.8





#57

Fluorene

Concen: 44.118 ng

RT: 16.56 min Scan# 2260

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :

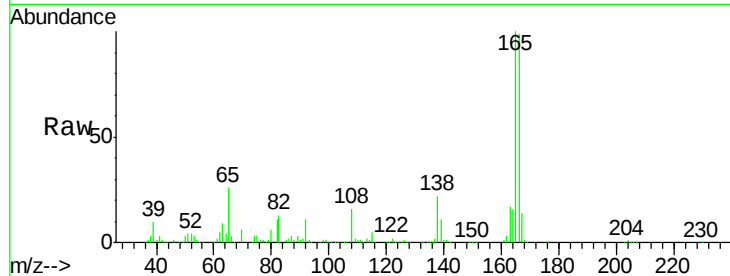
Tot Ion:166 Resp: 607121

Ion Ratio Lower Upper

166 100

165 100.8 80.6 121.0

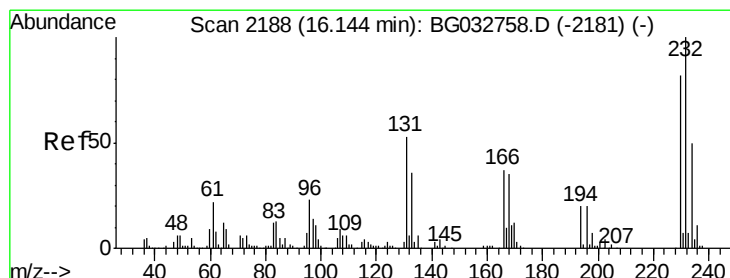
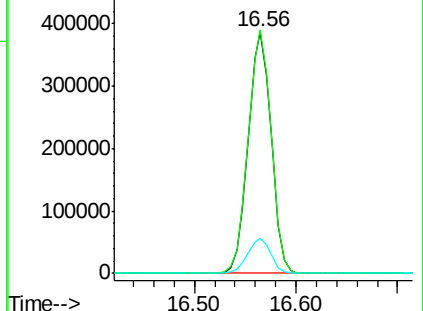
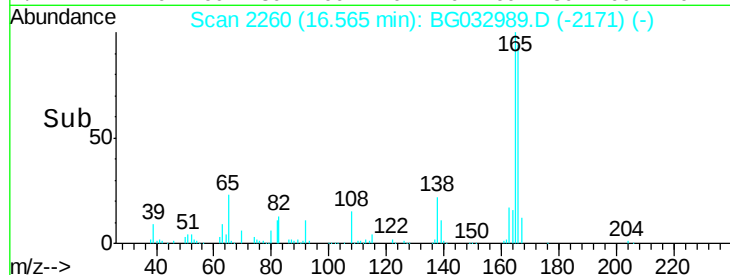
167 14.4 10.4 15.6



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: 51.527 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.09 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Tgt Ion:232 Resp: 152494

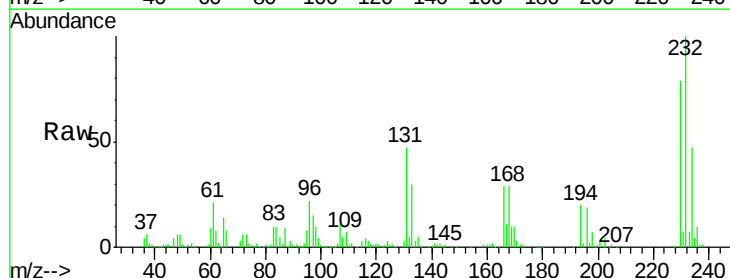
Ion Ratio Lower Upper

232 100

131 46.3 33.5 50.3

130 3.0 2.2 3.2

166 28.7 24.8 37.2

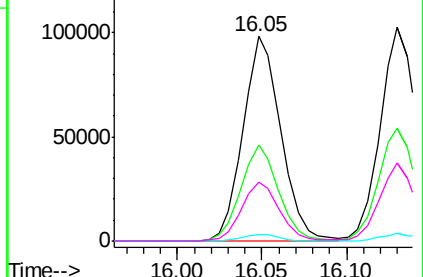
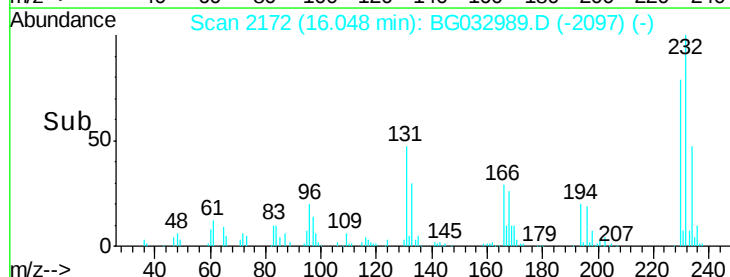


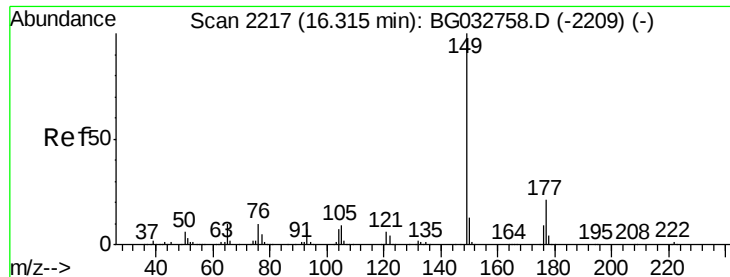
Abundance Ion 232.00 (231.70 to 232.70): E

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

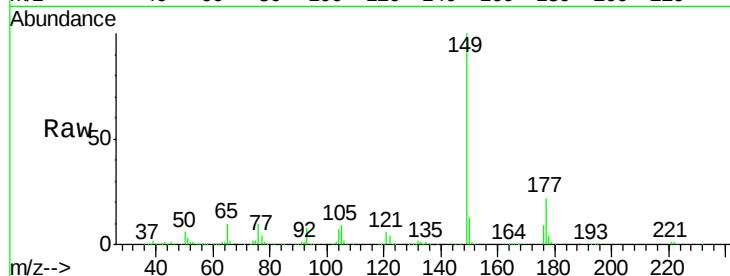




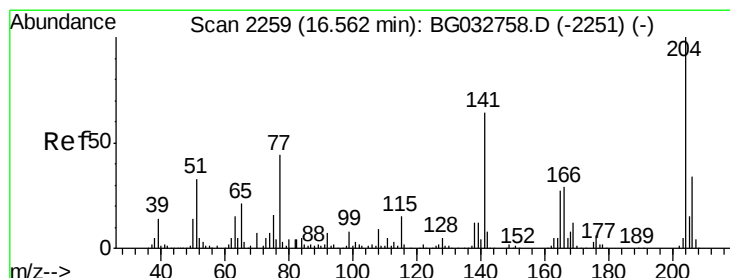
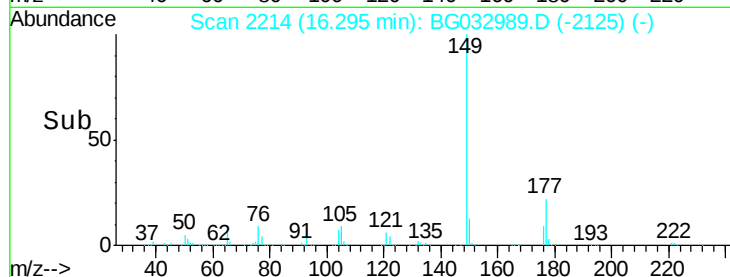
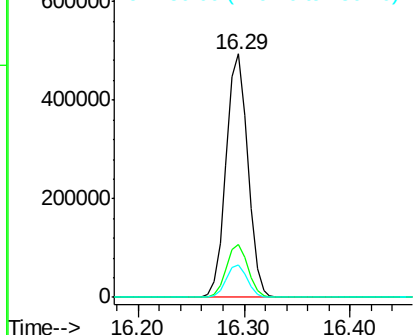
#59
Diethylphthalate
Concen: 44.354 ng
RT: 16.29 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 698825
Ion Ratio Lower Upper
149 100
177 22.0 18.5 27.7
150 13.1 10.2 15.2

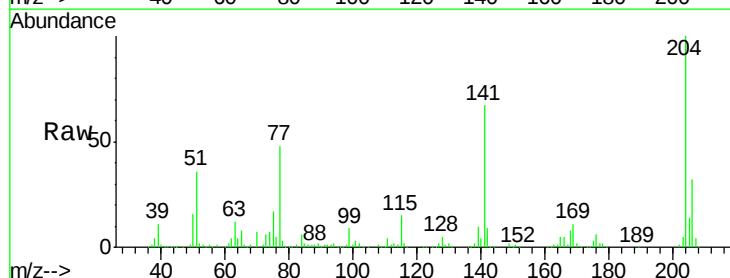


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

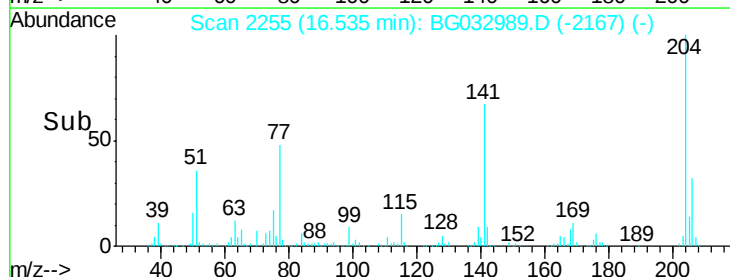
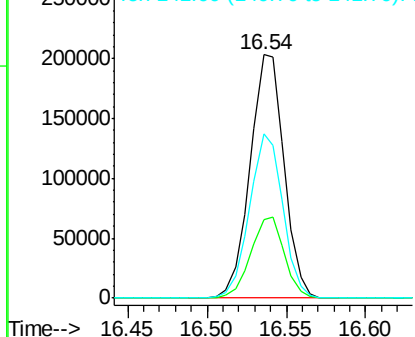


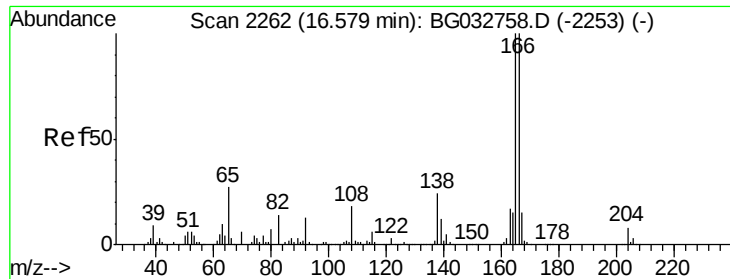
#60
4-Chlorophenyl-phenylether
Concen: 44.950 ng
RT: 16.54 min Scan# 2255
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:204 Resp: 302600
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 67.3 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

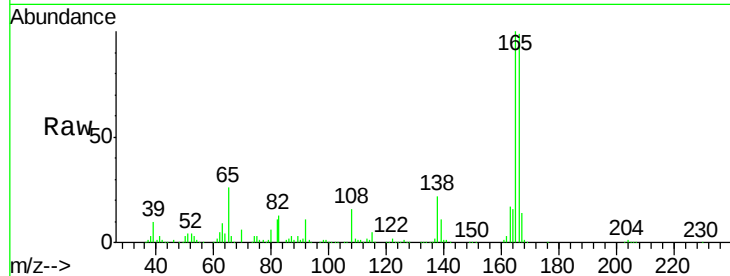




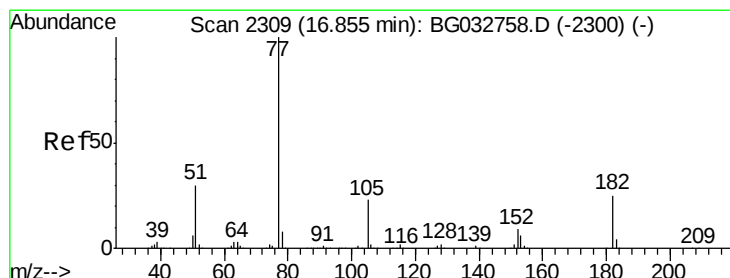
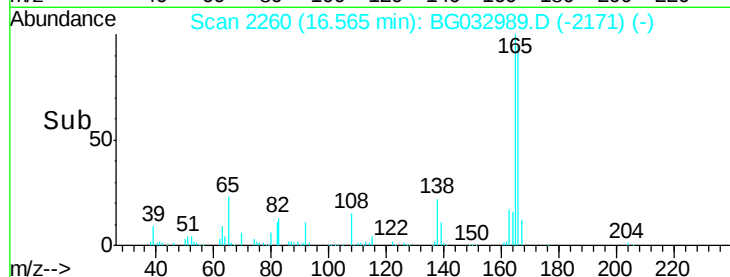
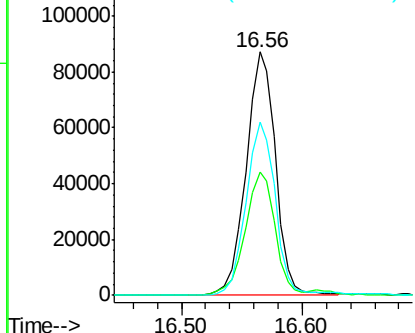
#61
4-Nitroaniline
Concen: 46.182 ng
RT: 16.56 min Scan# 2260
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 148618
Ion Ratio Lower Upper
138 100
92 50.5 40.1 80.1
108 71.0 65.4 105.4

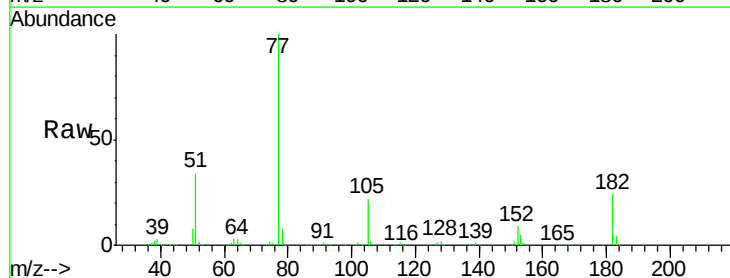


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

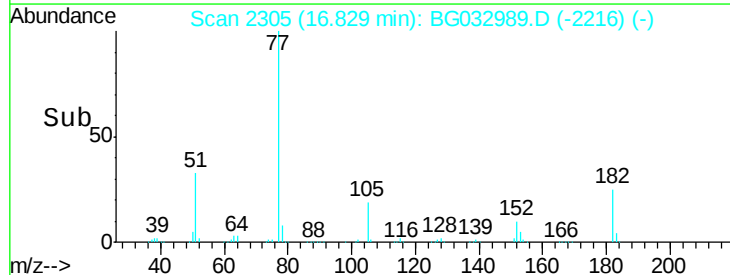
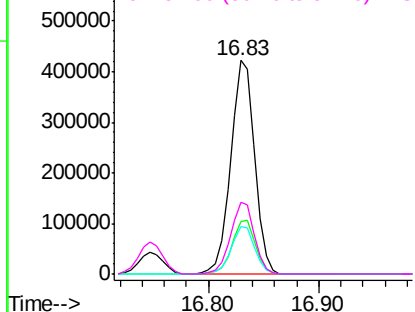


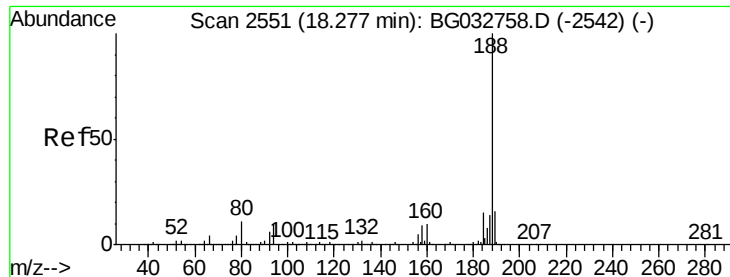
#62
Azobenzene
Concen: 45.364 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion: 77 Resp: 639424
Ion Ratio Lower Upper
77 100
182 24.4 7.4 47.4
105 22.3 0.3 40.3
51 33.8 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

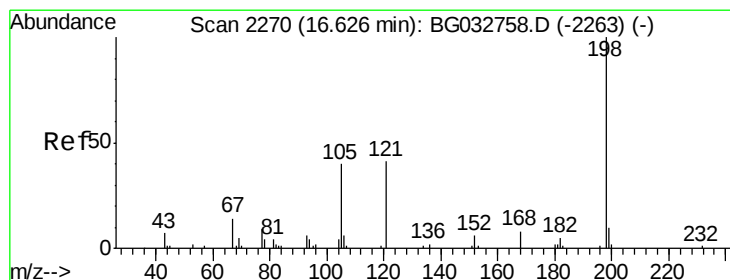
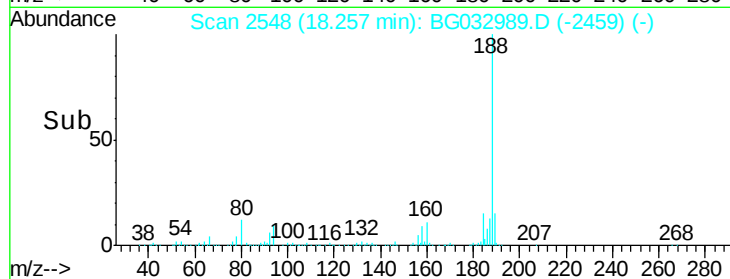
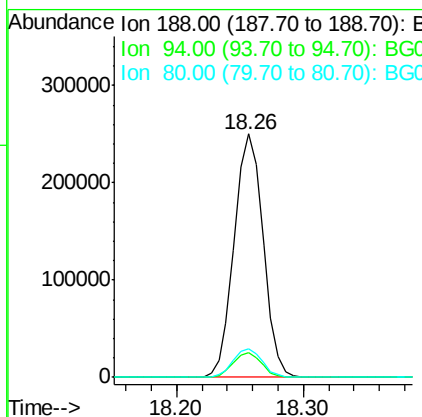
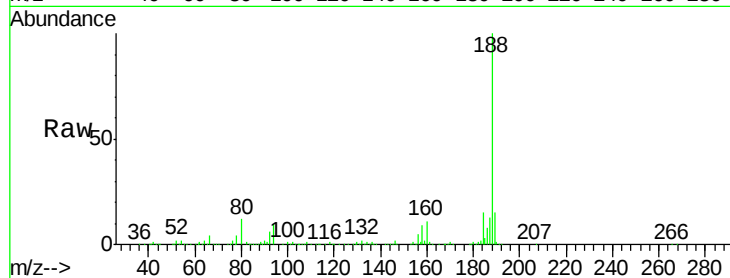




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2548
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

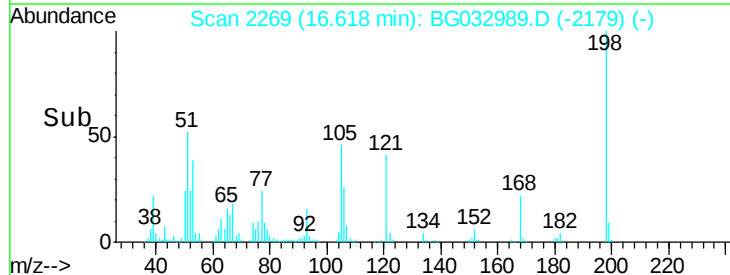
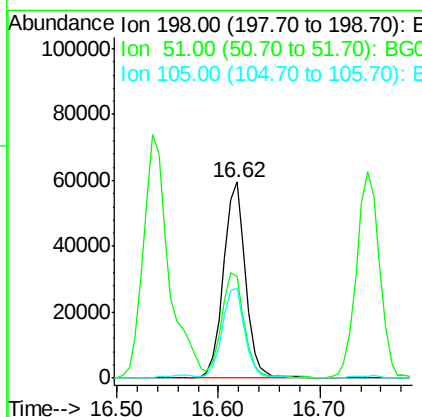
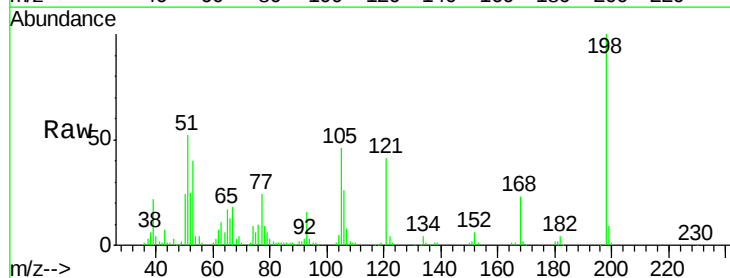
Instrument :
BNA_G
ClientSampleId :

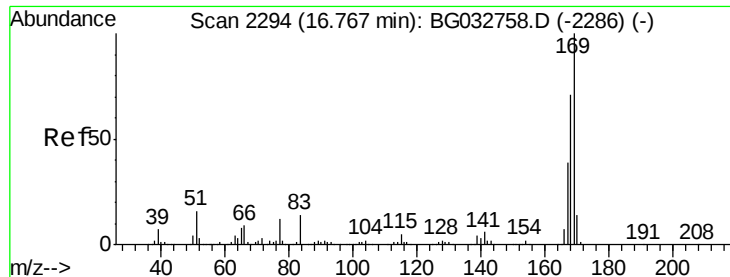
Tot Ion:188 Resp: 396383
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 11.6 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 67.057 ng
RT: 16.62 min Scan# 2269
Delta R.T. 0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:198 Resp: 89741
Ion Ratio Lower Upper
198 100
51 52.1 30.6 70.6
105 45.7 23.8 63.8

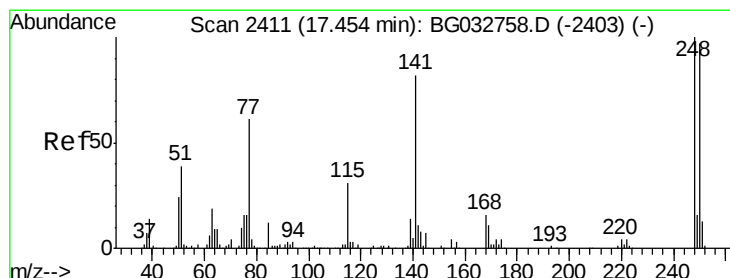
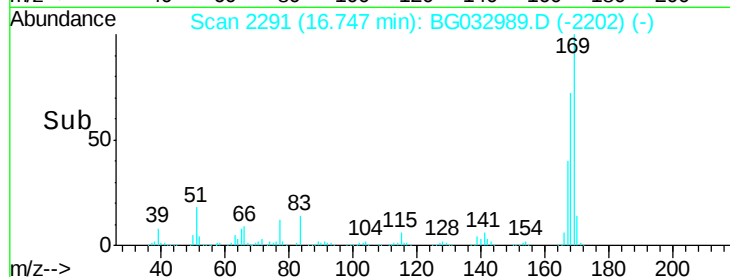
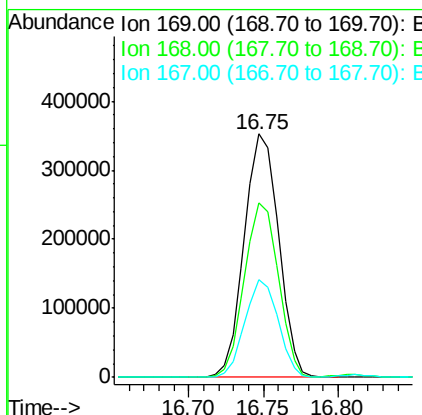
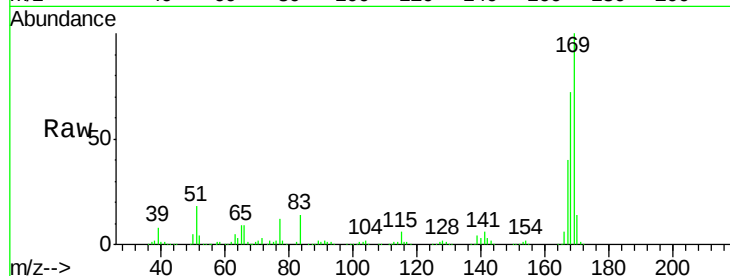




#65
 n-Nitrosodiphenylamine
 Concen: 43.694 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

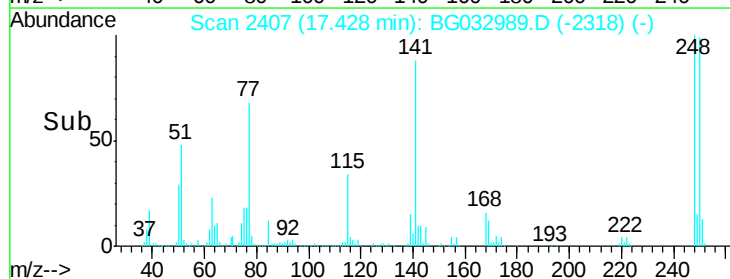
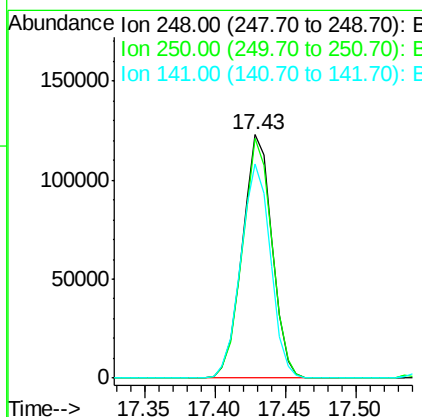
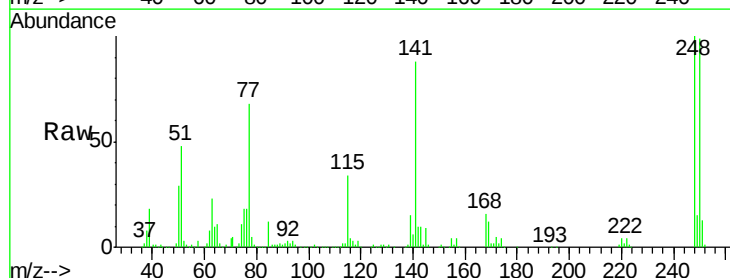
Instrument :
 BNA_G
 ClientSampled :

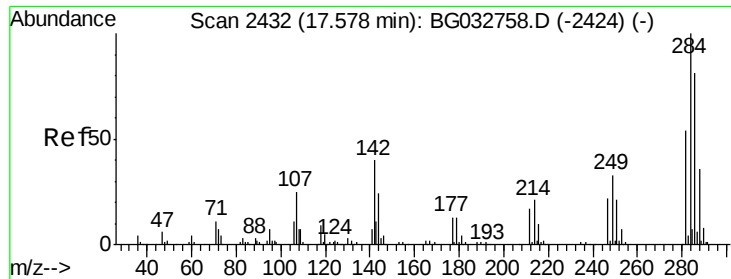
Tot Ion:169 Resp: 563426
 Ion Ratio Lower Upper
 169 100
 168 71.8 55.7 83.5
 167 39.9 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 43.294 ng
 RT: 17.43 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion:248 Resp: 181461
 Ion Ratio Lower Upper
 248 100
 250 98.5 77.1 115.7
 141 87.7 50.8 76.2#

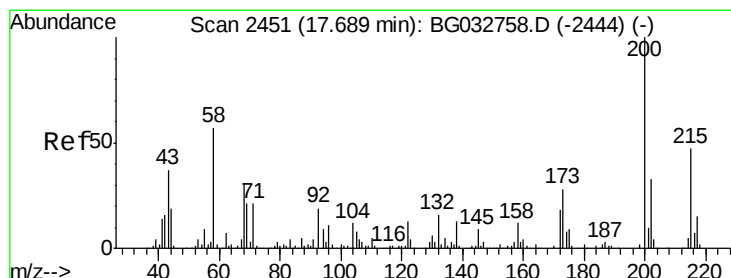
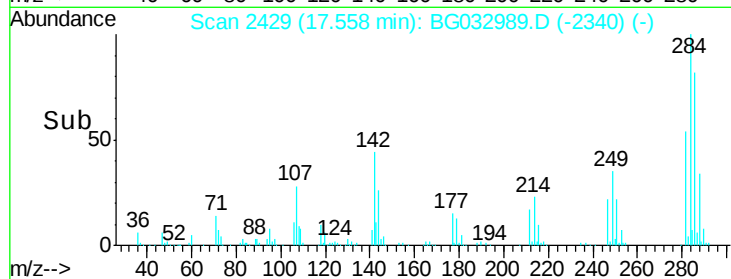
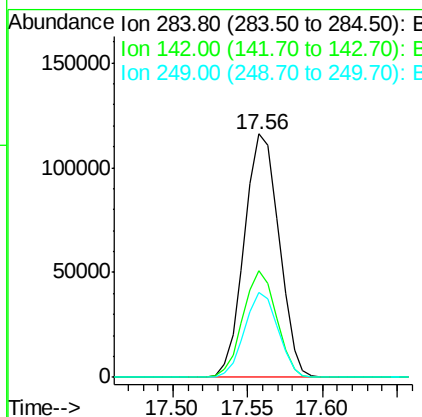
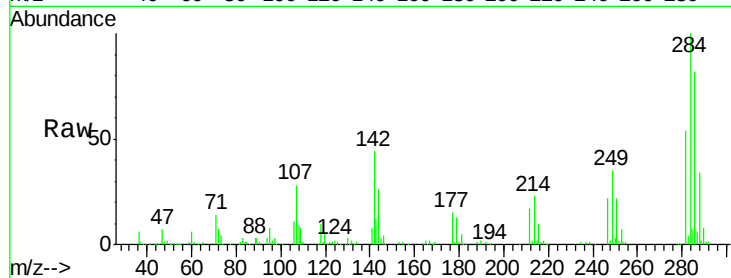




#67
Hexachlorobenzene
Concen: 41.280 ng
RT: 17.56 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

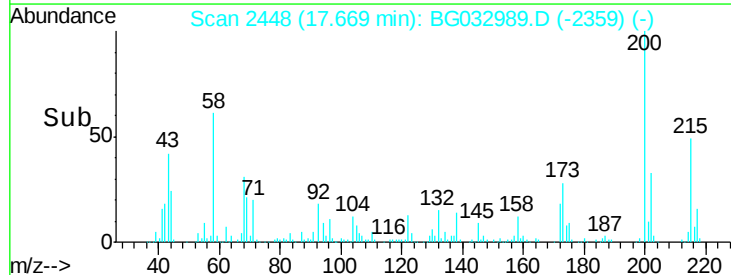
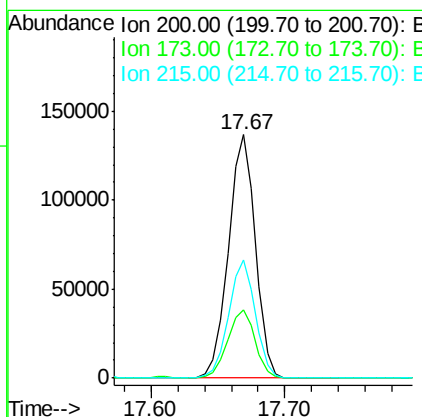
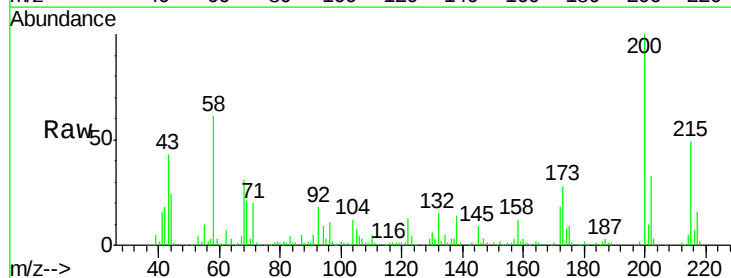
Instrument :
BNA_G
ClientSampleId :

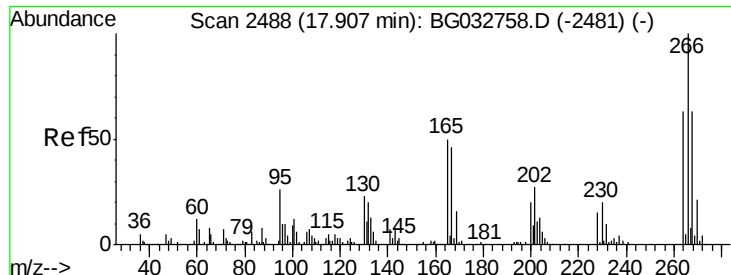
Tot Ion	Ratio	Lower	Upper
284	100		
142	44.0	26.8	40.2
249	34.7	26.3	39.5



#68
Atrazine
Concen: 45.604 ng
RT: 17.67 min Scan# 2448
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.2	5.2	45.2
215	48.8	30.4	70.4

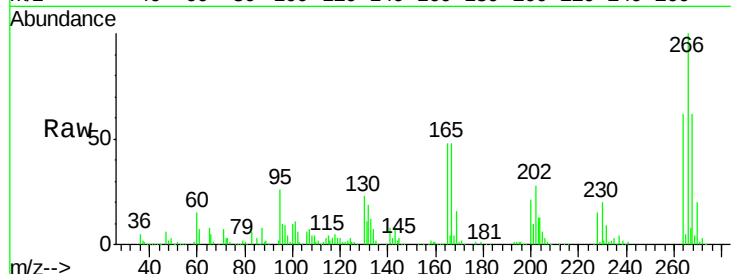




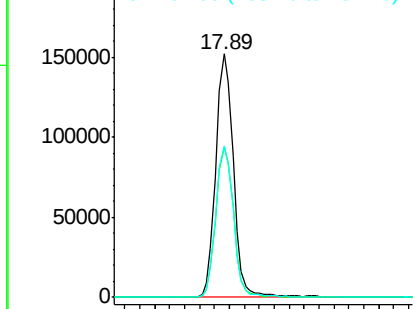
#69
 Pentachlorophenol
 Concen: 87.768 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :

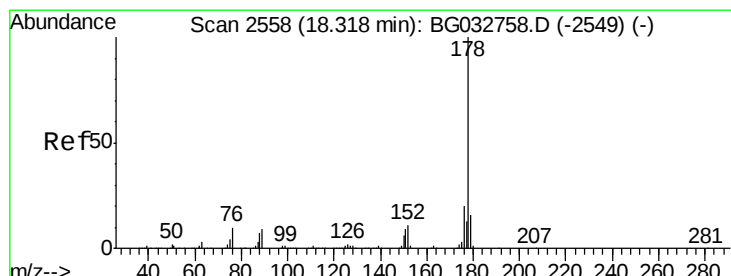
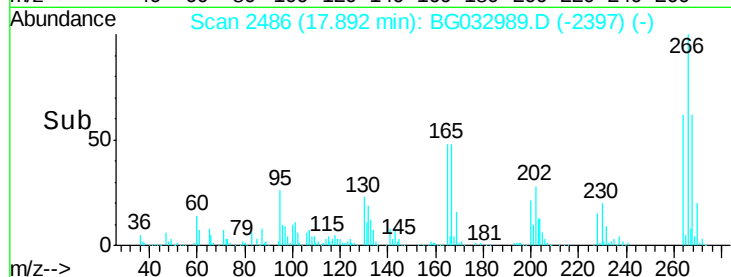
Tot Ion:266 Resp: 250399
 Ion Ratio Lower Upper
 266 100
 268 61.8 51.1 76.7
 264 62.1 49.6 74.4



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

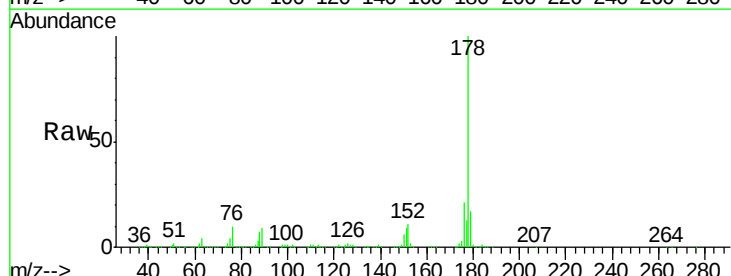


Time-->

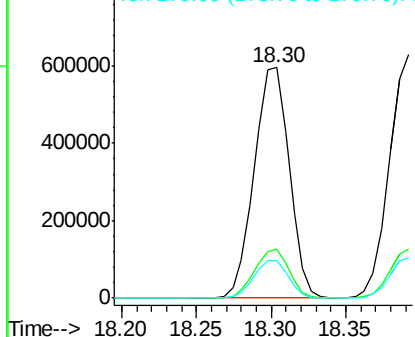


#70
 Phenanthrene
 Concen: 43.764 ng
 RT: 18.30 min Scan# 2556
 Delta R.T. 0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

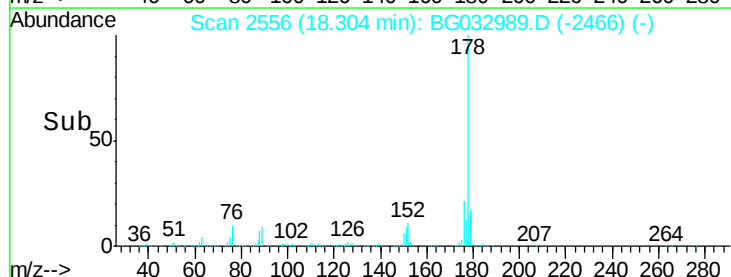
Tgt Ion:178 Resp: 967802
 Ion Ratio Lower Upper
 178 100
 176 21.1 15.7 23.5
 179 16.5 12.5 18.7

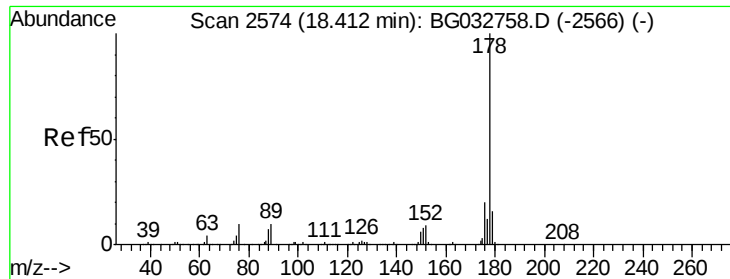


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->

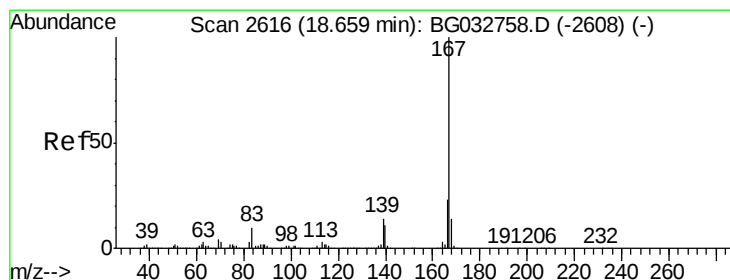
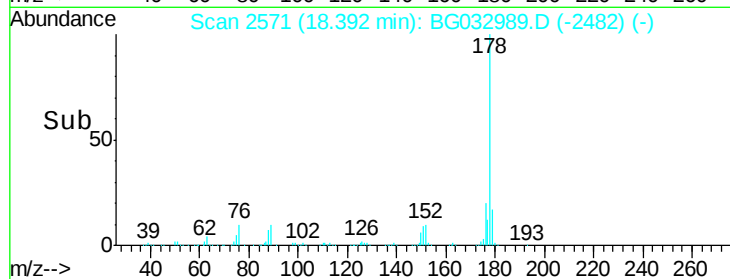
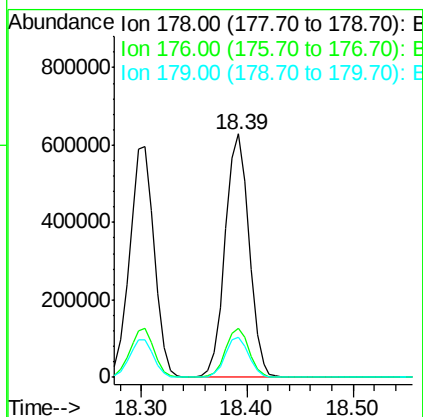
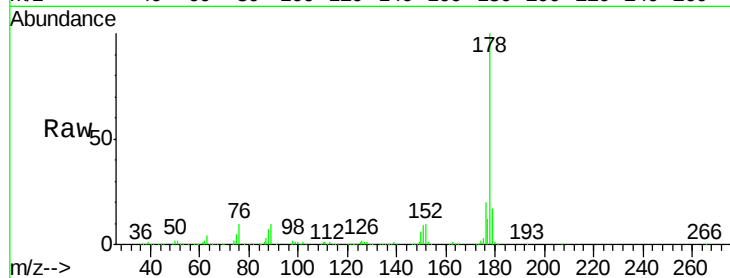




#71
 Anthracene
 Concen: 44.286 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

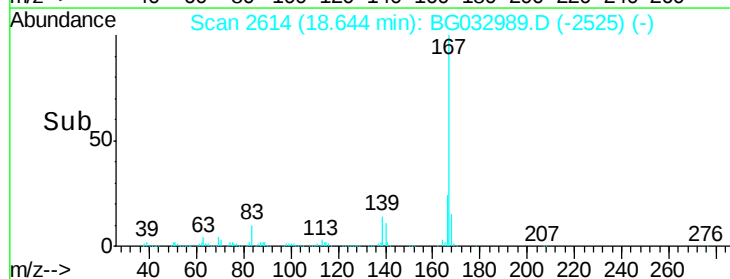
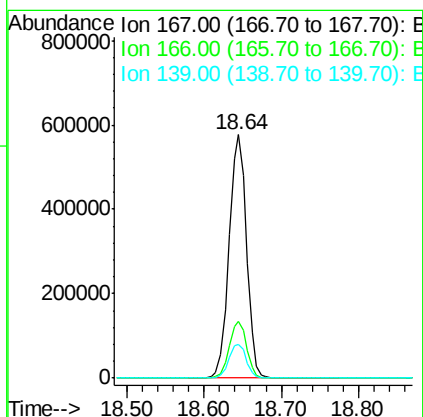
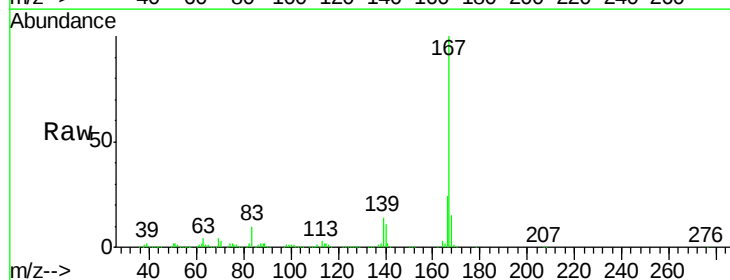
Instrument :
 BNA_G
 ClientSampleId :

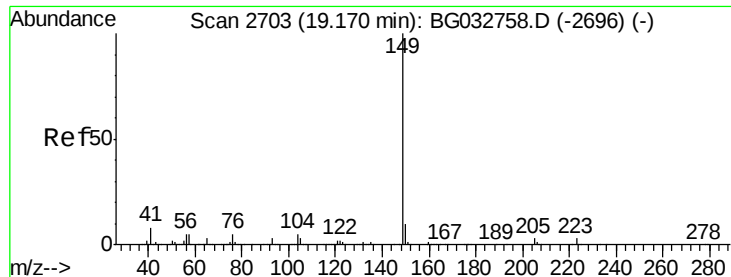
Tot Ion:178 Resp: 983222
 Ion Ratio Lower Upper
 178 100
 176 20.4 16.0 24.0
 179 16.6 12.5 18.7



#72
 Carbazole
 Concen: 41.748 ng
 RT: 18.64 min Scan# 2614
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion:167 Resp: 913590
 Ion Ratio Lower Upper
 167 100
 166 23.6 18.2 27.4
 139 14.0 9.4 14.2

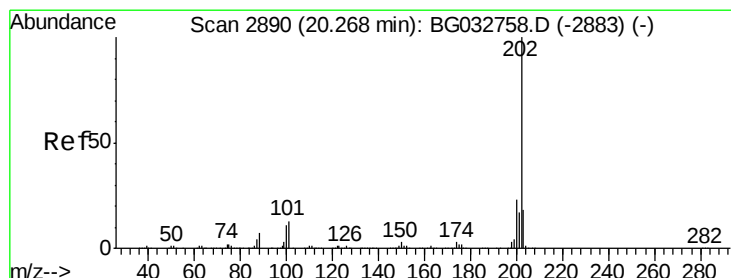
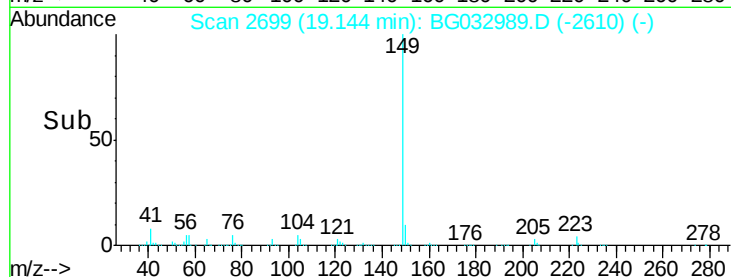
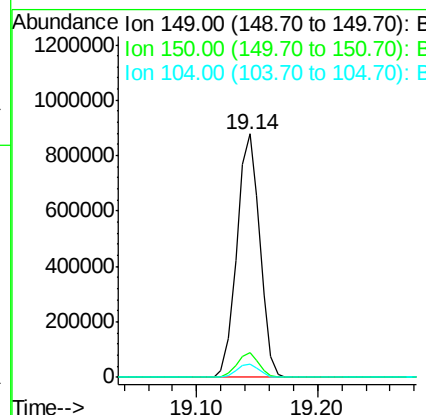
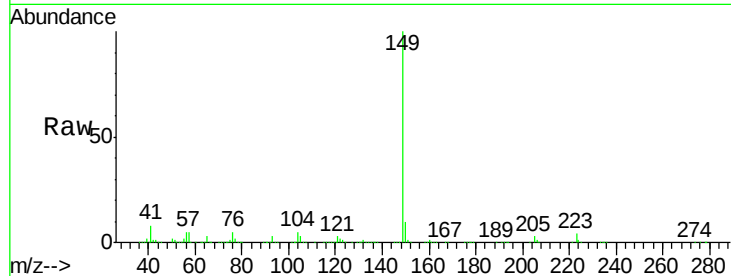




#73
Di-n-butylphthalate
Concen: 43.132 ng
RT: 19.14 min Scan# 2699
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

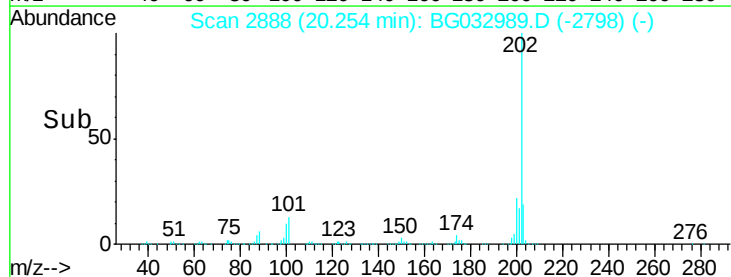
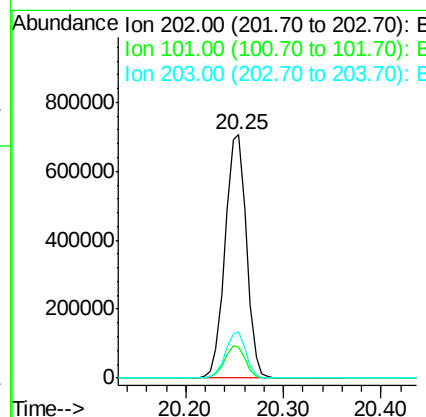
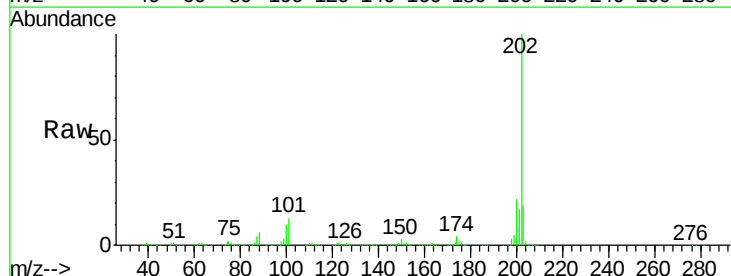
Instrument :
BNA_G
ClientSampled :

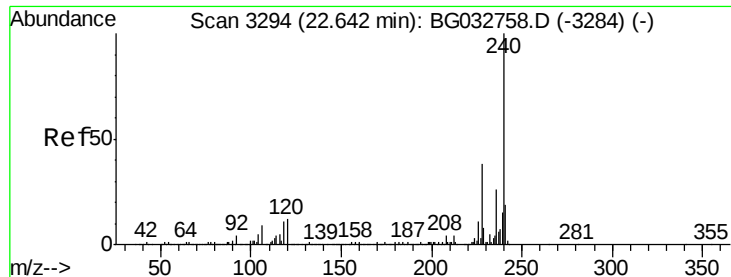
Tot Ion:149 Resp: 1157949
Ion Ratio Lower Upper
149 100
150 10.4 7.8 11.6
104 5.3 3.9 5.9



#74
Fluoranthene
Concen: 43.517 ng
RT: 20.25 min Scan# 2888
Delta R.T. 0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:202 Resp: 1063024
Ion Ratio Lower Upper
202 100
101 12.6 0.0 28.9
203 19.0 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :

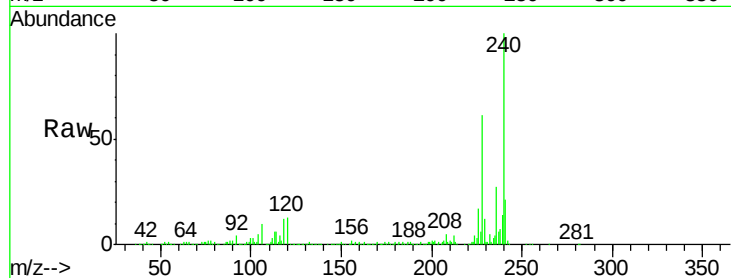
Tot Ion:240 Resp: 351622

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

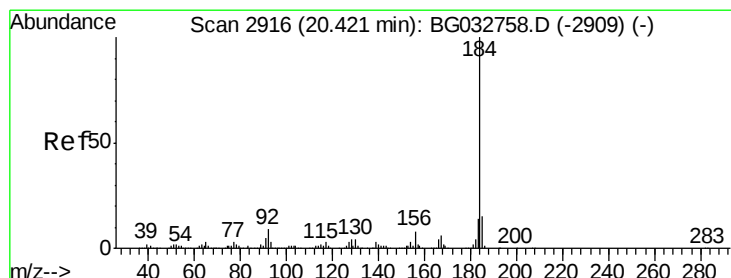
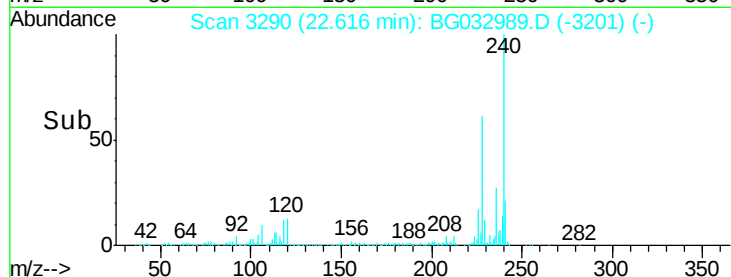
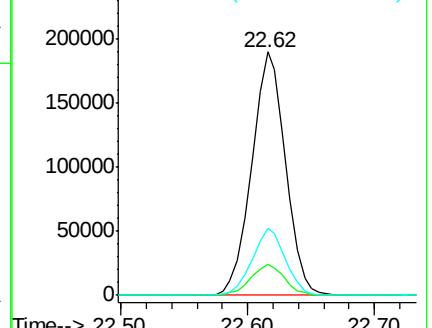
236 27.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.840 ng

RT: 20.41 min Scan# 2914

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

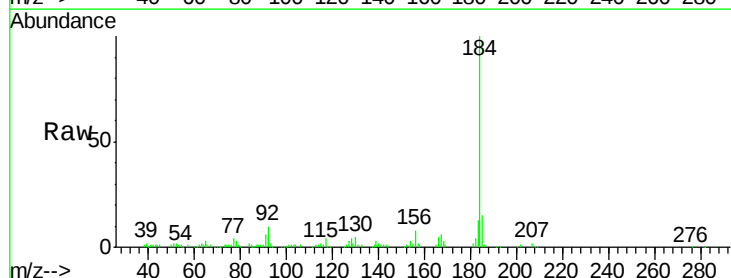
Tgt Ion:184 Resp: 141906

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

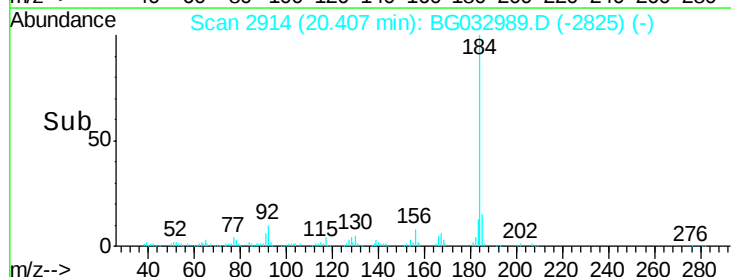
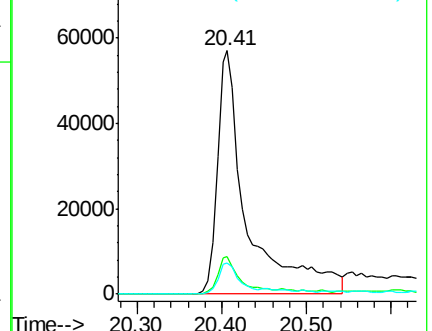
183 12.6 10.6 16.0

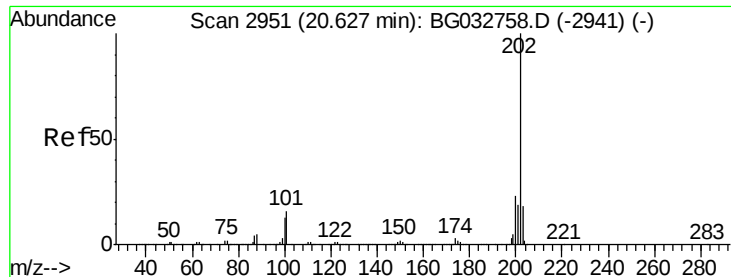


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.909 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

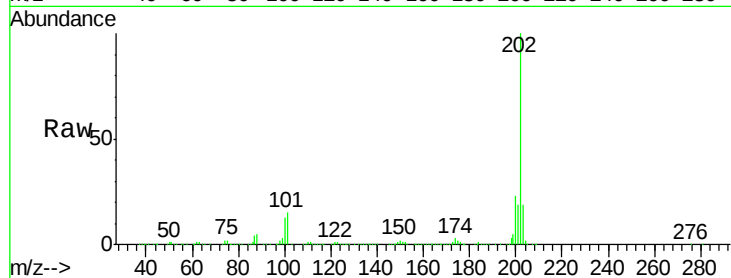
Instrument :

BNA_G

ClientSampled :

Tot Ion:202 Resp: 1063996

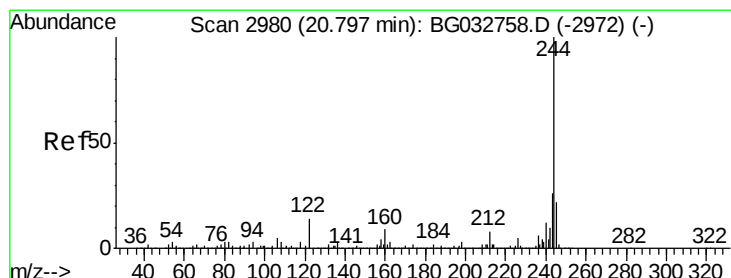
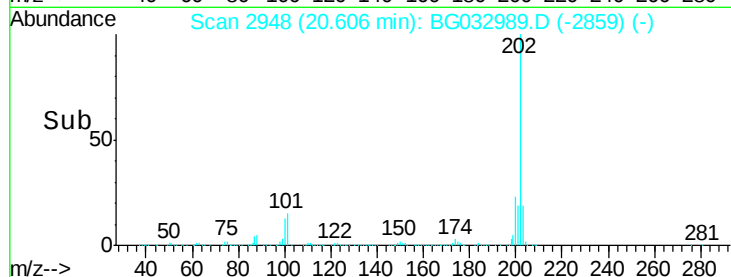
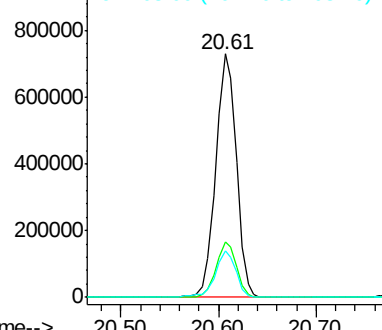
Ion	Ratio	Lower	Upper
202	100		
200	22.9	16.9	25.3
203	18.9	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 95.796 ng

RT: 20.78 min Scan# 2977

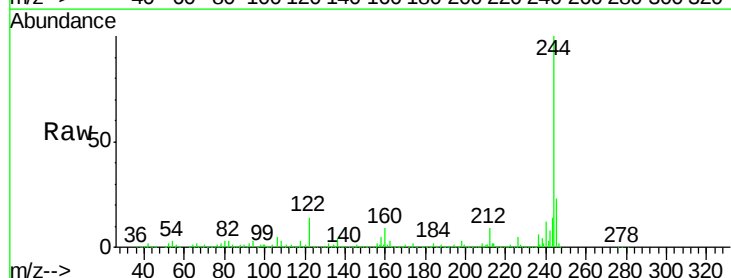
Delta R.T. 0.00 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Tgt Ion:244 Resp: 1499248

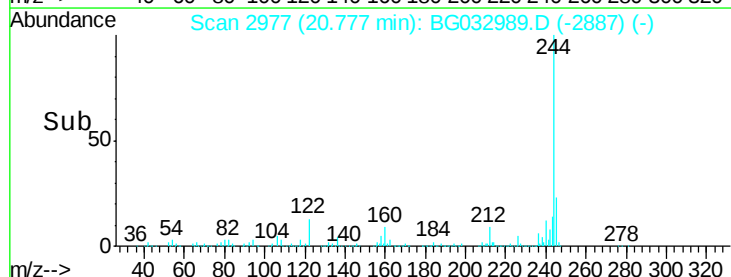
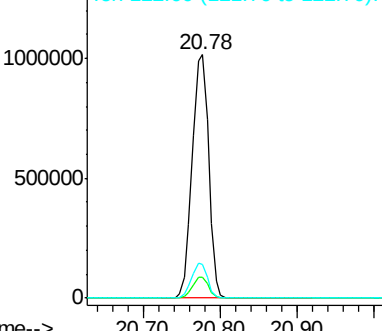
Ion	Ratio	Lower	Upper
244	100		
212	8.7	5.8	8.8
122	13.7	7.0	10.4

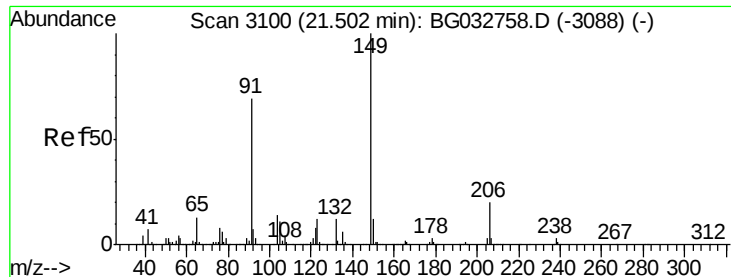


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

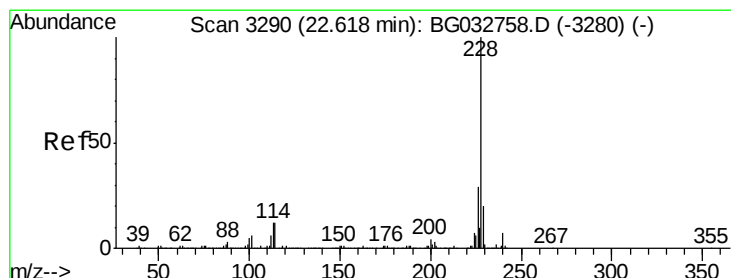
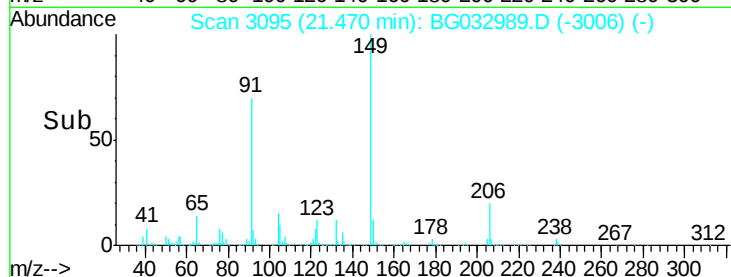
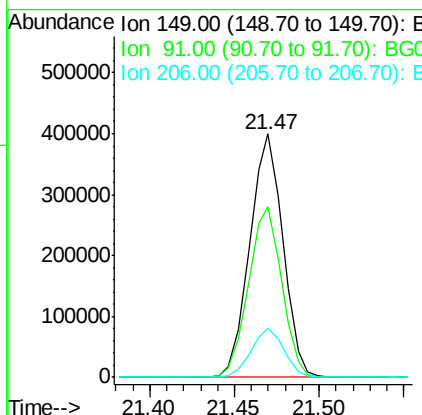
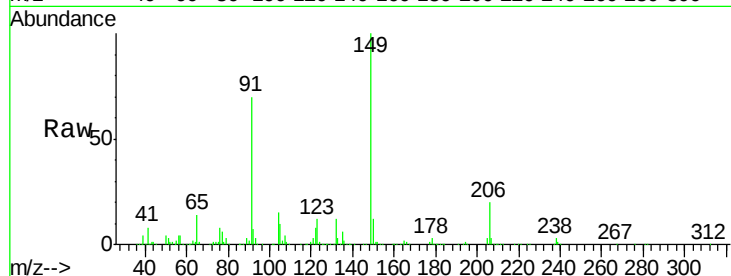




#79
Butylbenzylphthalate
Concen: 49.406 ng
RT: 21.47 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

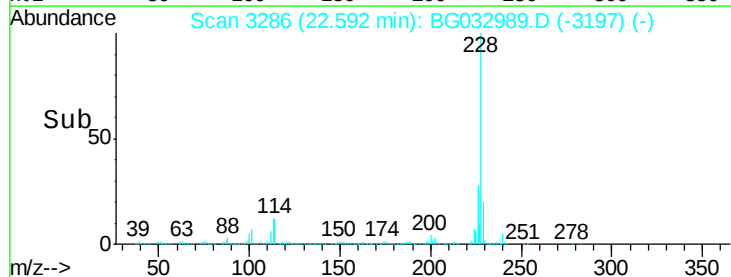
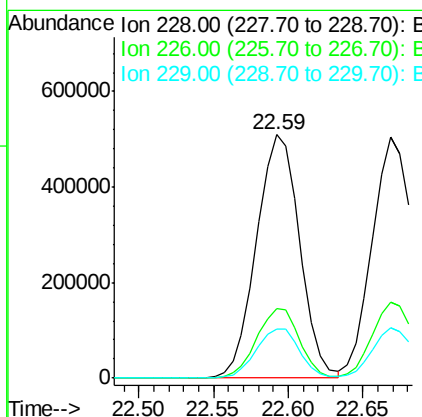
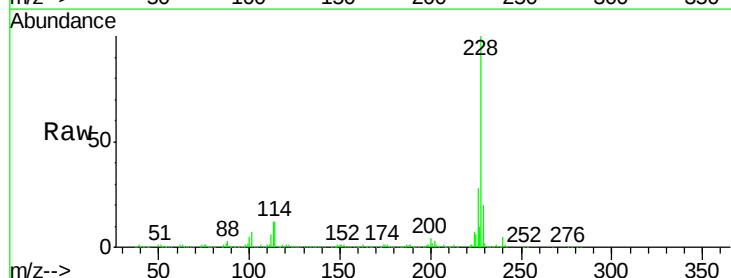
Instrument :
BNA_G
ClientSampleId :

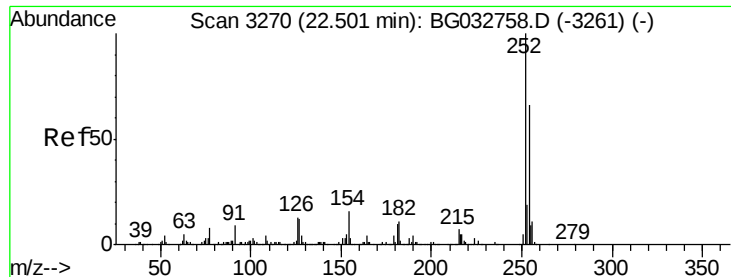
Tot Ion:149 Resp: 543164
Ion Ratio Lower Upper
149 100
91 70.1 62.2 93.2
206 20.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 45.333 ng
RT: 22.59 min Scan# 3286
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:228 Resp: 1022160
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 20.3 16.2 24.2

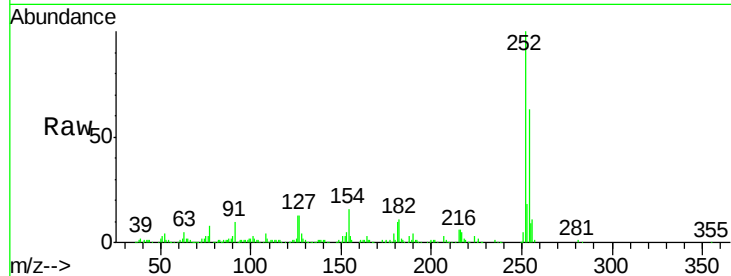




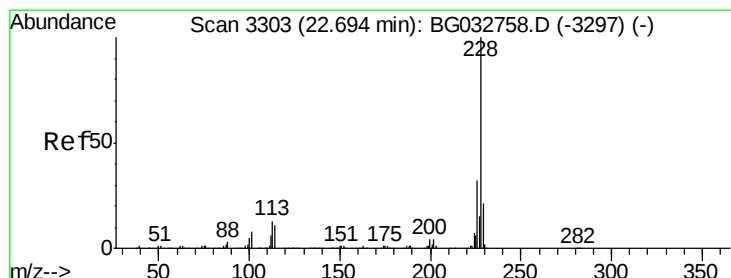
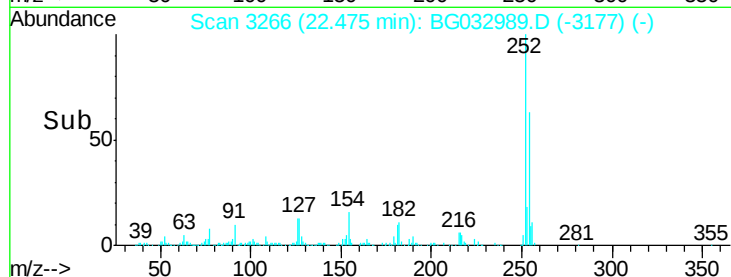
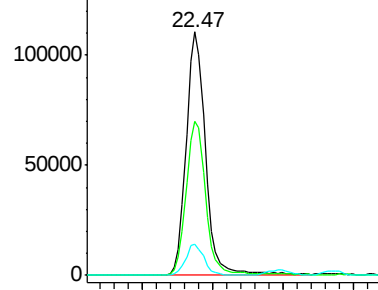
#81
 3,3'-Dichlorobenzidine
 Concen: 25.467 ng
 RT: 22.47 min Scan# 3266
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 212671
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.8 76.2
 126 12.8 7.4 11.2#

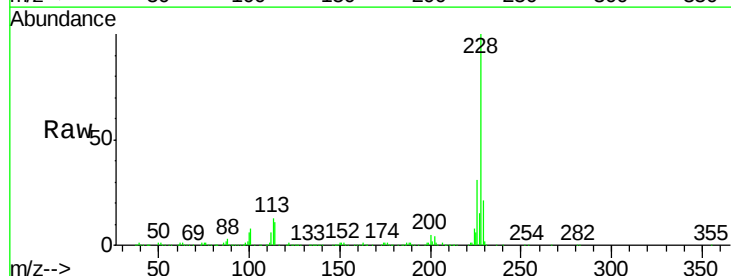


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

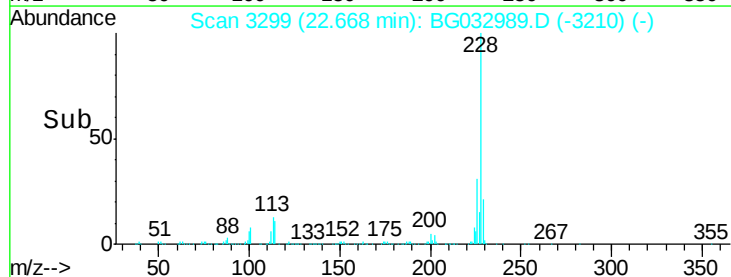
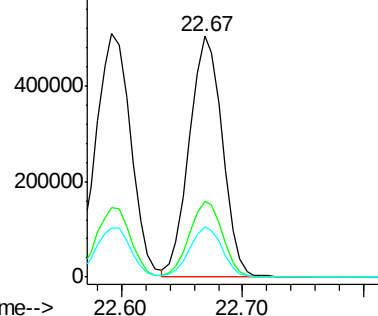


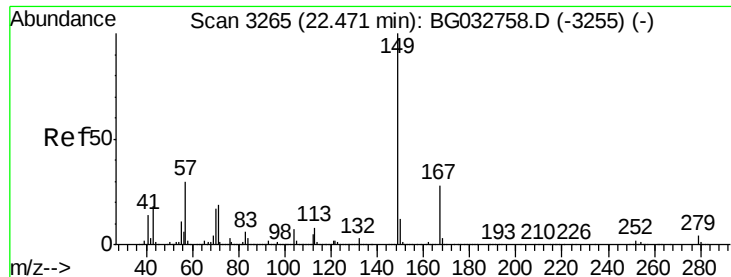
#82
 Chrysene
 Concen: 44.199 ng
 RT: 22.67 min Scan# 3299
 Delta R.T. -0.00 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion:228 Resp: 951999
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 20.8 15.0 22.4



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

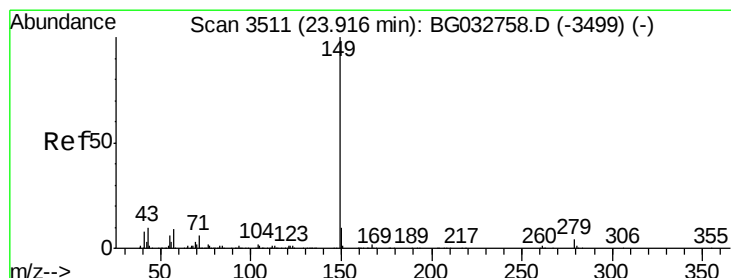
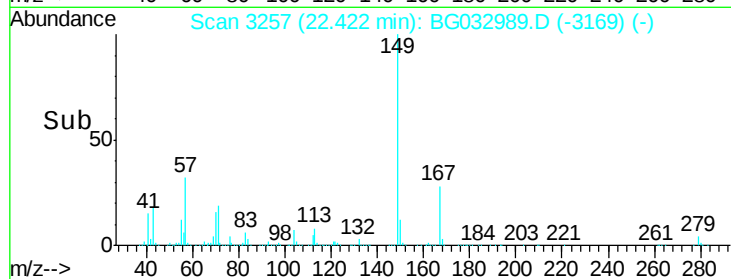
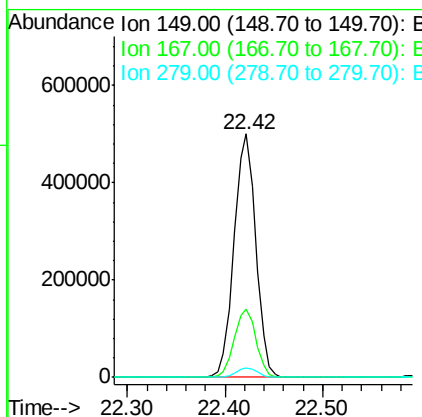
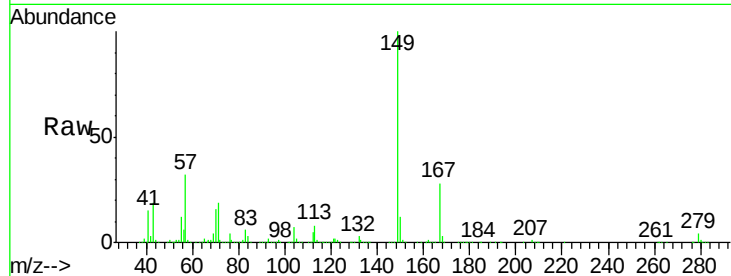




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.323 ng
 RT: 22.42 min Scan# 3257
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

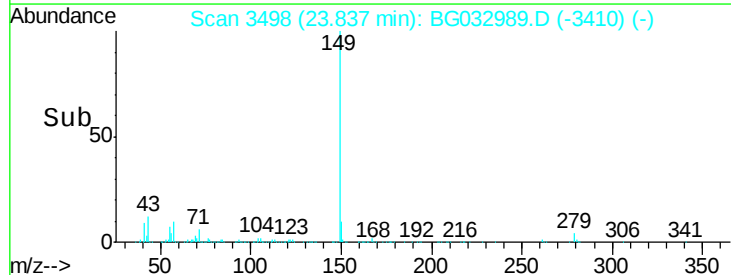
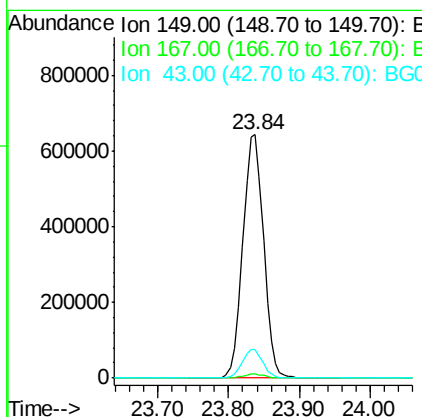
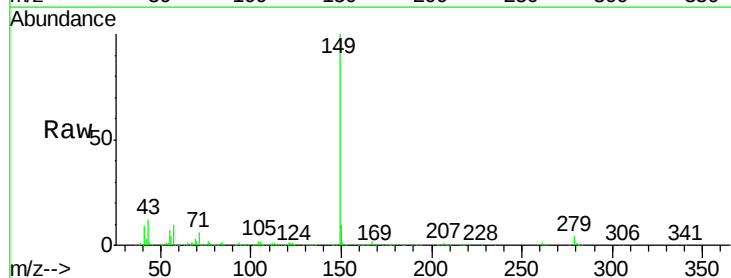
Instrument :
 BNA_G
 ClientSampleId :

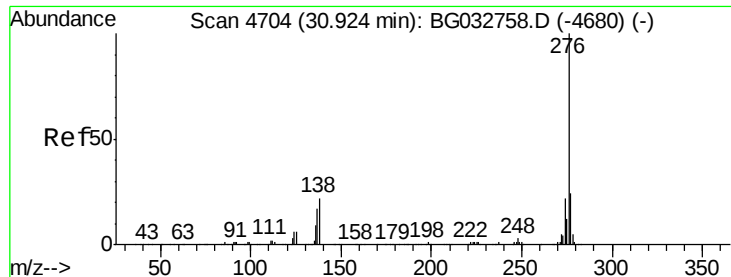
Tot Ion:149 Resp: 770118
 Ion Ratio Lower Upper
 149 100
 167 27.9 24.3 36.5
 279 4.0 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 52.968 ng
 RT: 23.84 min Scan# 3498
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion:149 Resp: 1313871
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 11.5 8.9 13.3

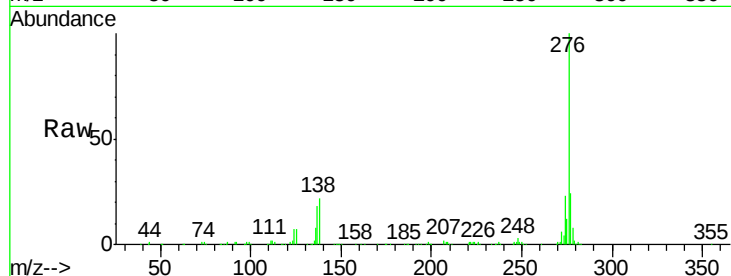




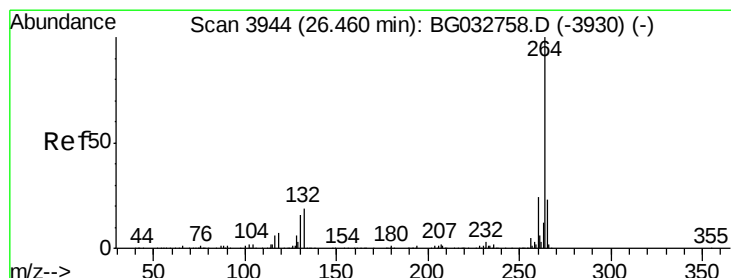
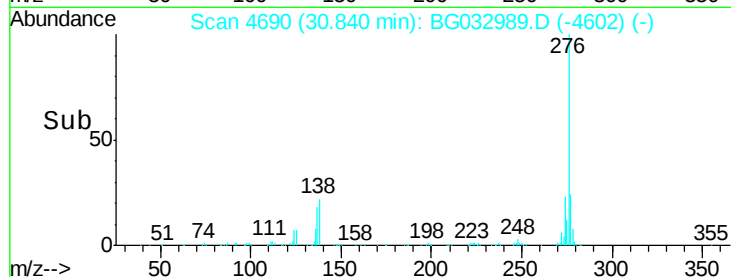
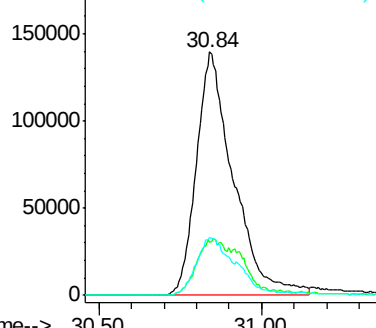
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.860 ng
 RT: 30.84 min Scan# 4690
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1101734
 Ion Ratio Lower Upper
 276 100
 138 17.2 16.0 24.0
 277 19.6 20.0 30.0#

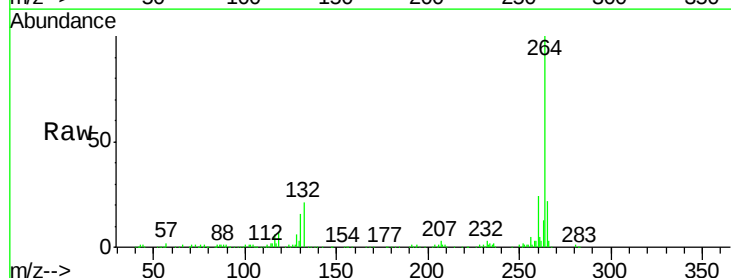


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

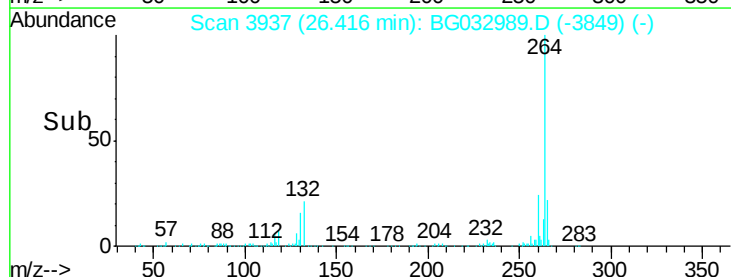
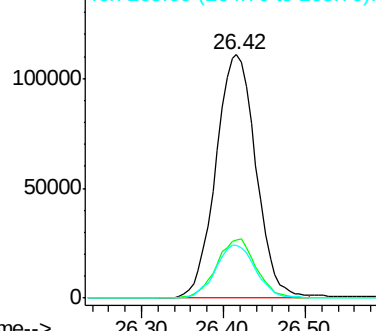


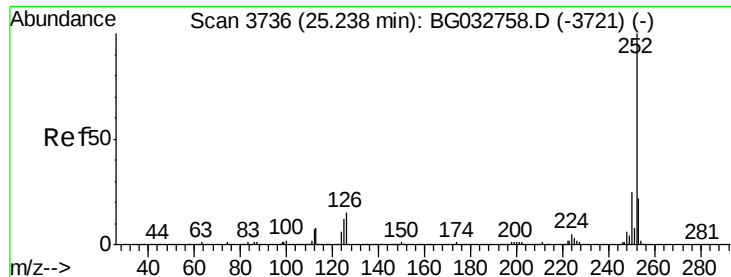
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.42 min Scan# 3937
 Delta R.T. -0.01 min
 Lab File: BG032989.D
 Acq: 5 Mar 2018 14:42

Tgt Ion:264 Resp: 377380
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 21.7 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

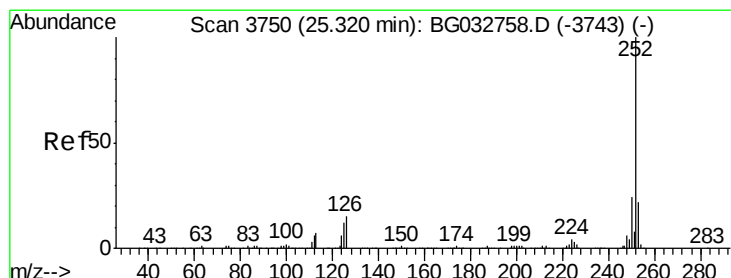
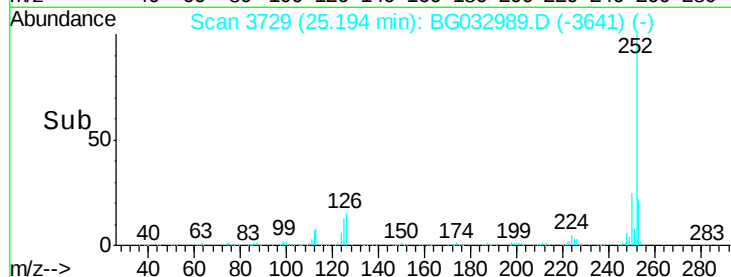
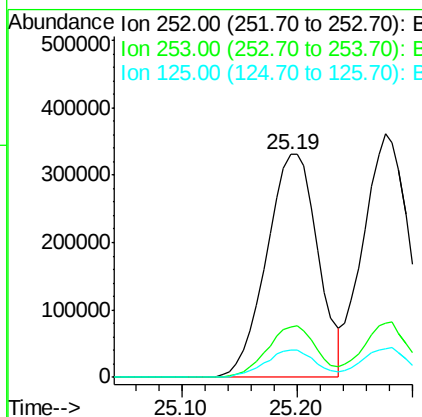
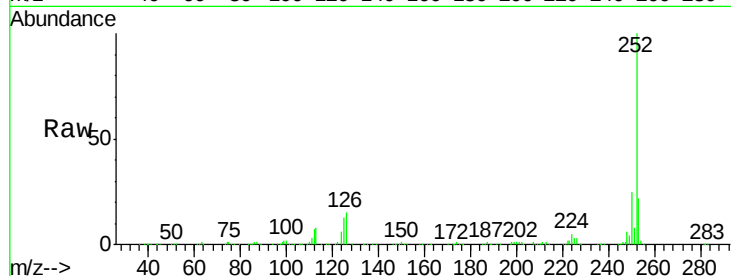




#87
Benzo(b)fluoranthene
Concen: 45.857 ng
RT: 25.19 min Scan# 3729
Delta R.T. -0.01 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

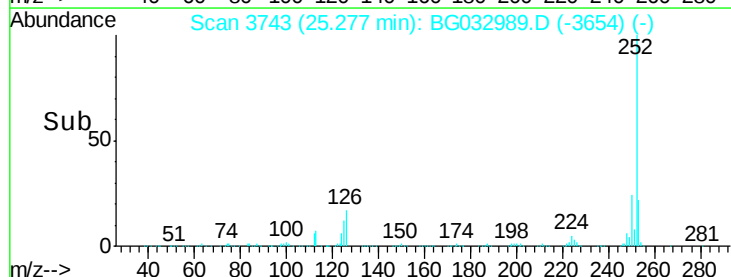
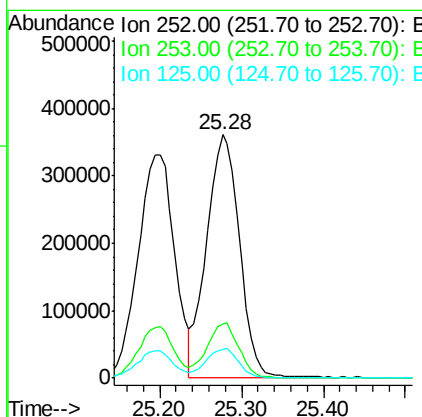
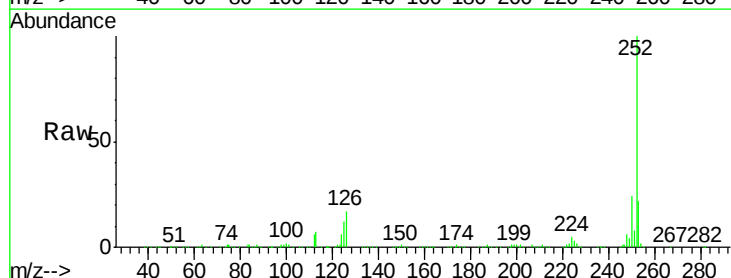
Instrument :
BNA_G
ClientSampled :

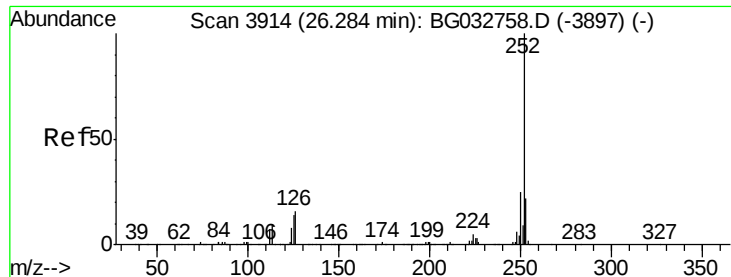
Tot Ion:252 Resp: 1023231
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 12.5 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 45.254 ng
RT: 25.28 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG032989.D
Acq: 5 Mar 2018 14:42

Tgt Ion:252 Resp: 1003548
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 11.7 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 46.542 ng

RT: 26.24 min Scan# 3907

Delta R.T. -0.01 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :

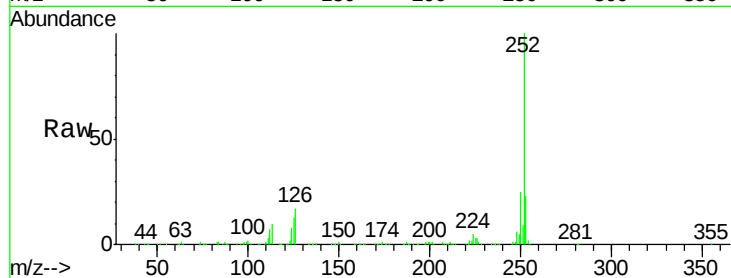
Tot Ion:252 Resp: 987753

Ion Ratio Lower Upper

252 100

253 22.5 18.3 27.5

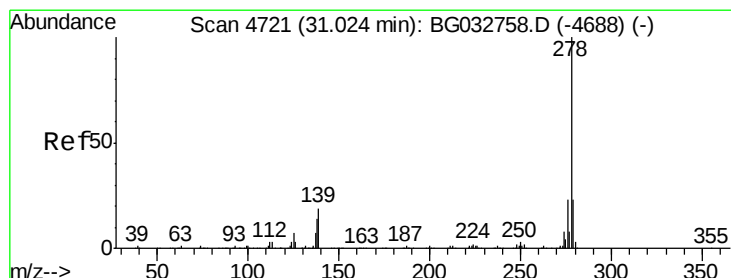
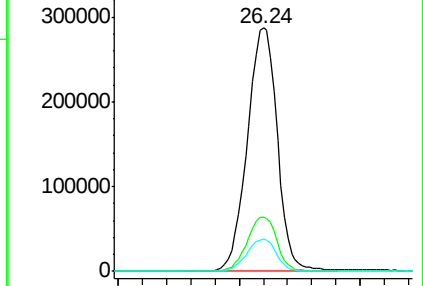
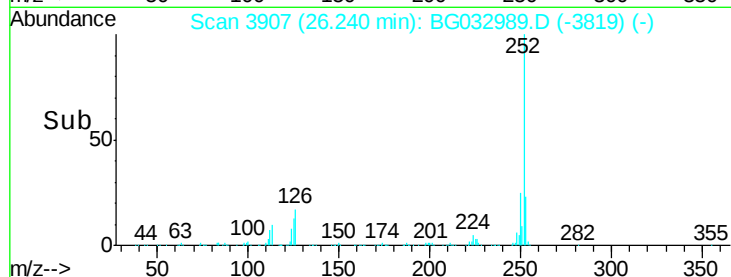
125 13.4 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 41.144 ng

RT: 30.92 min Scan# 4704

Delta R.T. -0.02 min

Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

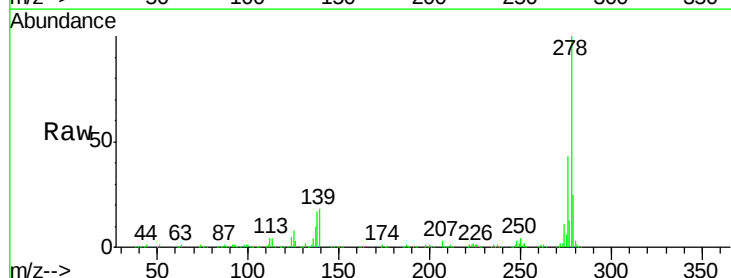
Tgt Ion:278 Resp: 878926

Ion Ratio Lower Upper

278 100

139 18.2 9.8 14.6#

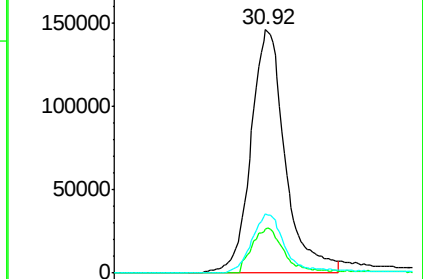
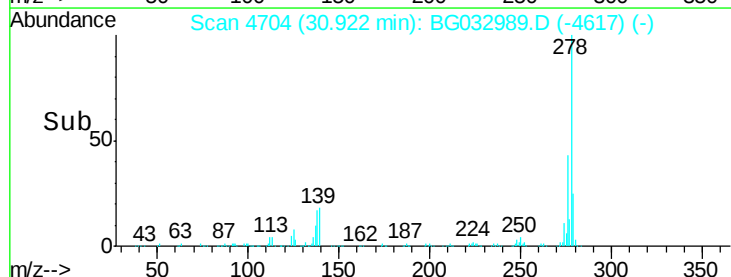
279 24.5 18.4 27.6

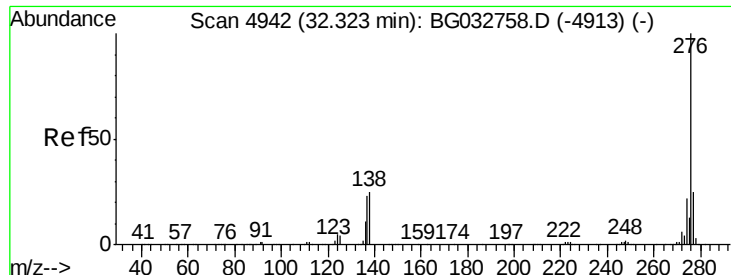


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 43.654 ng

RT: 32.24 min Scan# 4928

Delta R.T. -0.01 min

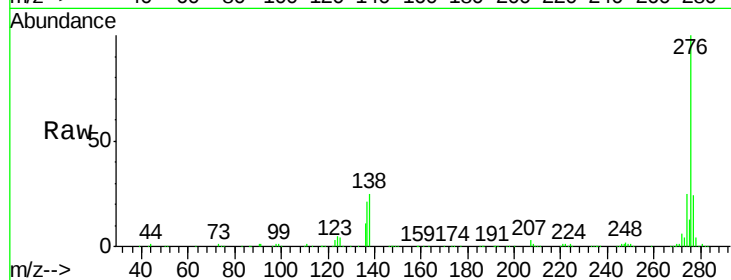
Lab File: BG032989.D

Acq: 5 Mar 2018 14:42

Instrument :

BNA_G

ClientSampleId :



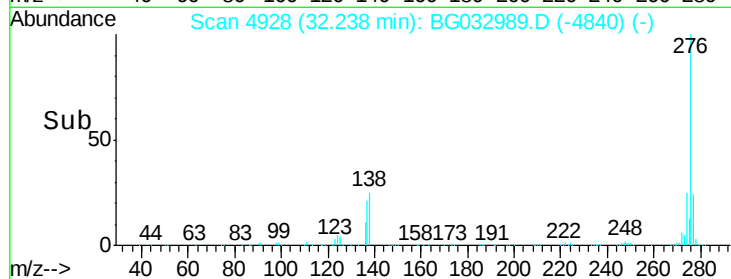
Tot Ion: 276 Resp: 919293

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 25.5 13.9 20.9#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

