

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033601.D
 Acq On : 5 Apr 2018 20:26
 Operator : SJ/JU
 Sample : J2265-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 03:20:52 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

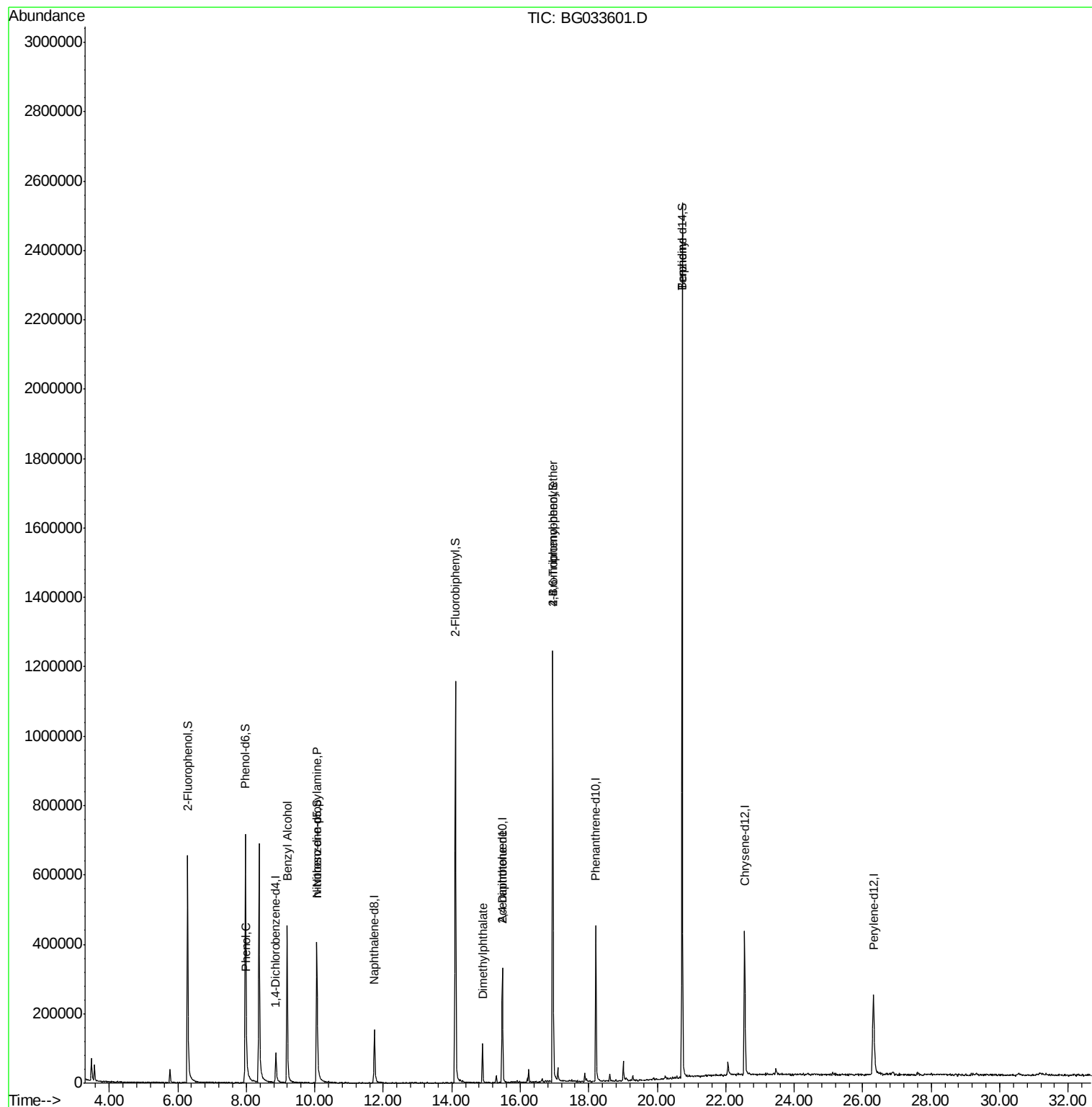
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31946	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	151445	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	124914	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	313446	20.00	ng	0.00
75) Chrysene-d12	22.55	240	313851	20.00	ng	0.00
86) Perylene-d12	26.31	264	326603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	317463	186.34	ng	0.00
7) Phenol-d6	7.97	99	501810	171.43	ng	0.00
23) Nitrobenzene-d5	10.06	82	327474	99.35	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	239669	128.29	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	663847	76.72	ng	0.00
78) Terphenyl-d14	20.73	244	1203308	81.99	ng	0.00
Target Compounds						
10) Phenol	8.01	94	20810	7.200	ng	# 52
15) Benzyl Alcohol	9.20	79	4763	2.067	ng	# 46
19) n-Nitroso-di-n-propylamine	10.06	70	42471	19.800	ng	# 78
49) Dimethylphthalate	14.90	163	77339	7.114	ng	# 99
56) 2,4-Dinitrotoluene	15.47	165	15921	4.865	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	19788	5.376	ng	# 1
76) Benizidine	20.73	184	20919	2.458	ng	# 90

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

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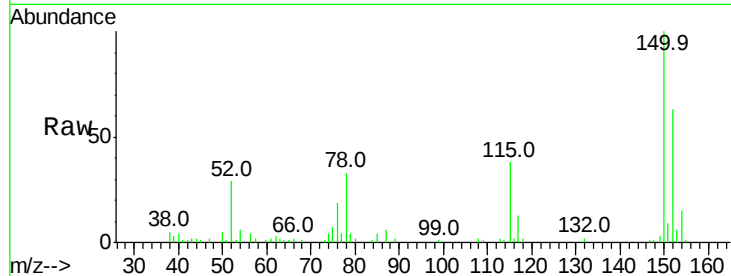


#1

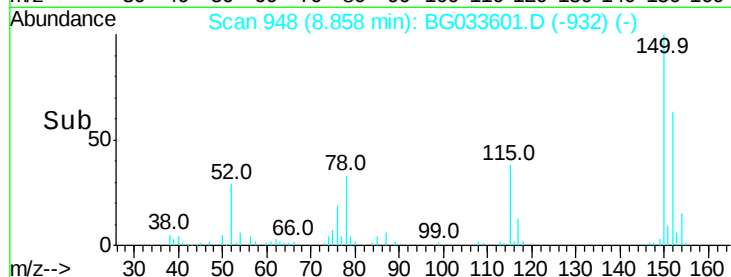
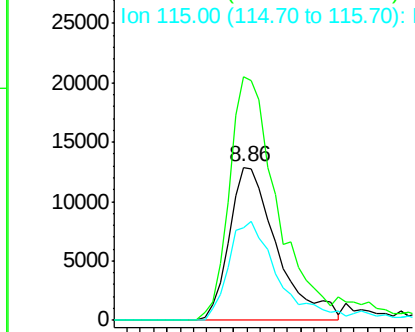
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31946
Ion Ratio Lower Upper
152 100
150 159.0 126.6 189.8
115 60.9 53.0 79.4



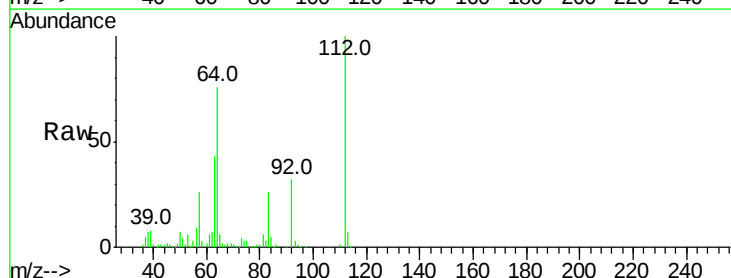
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



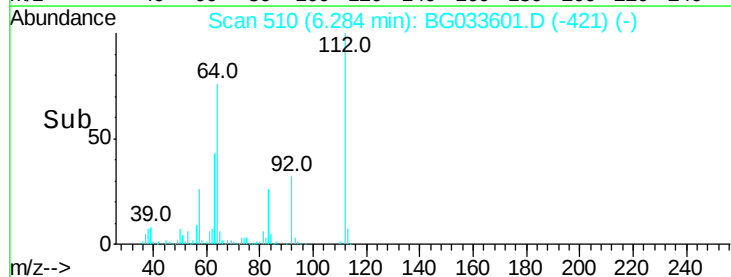
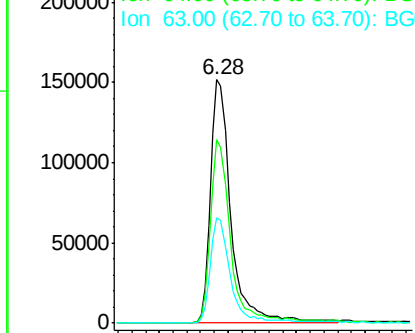
#5

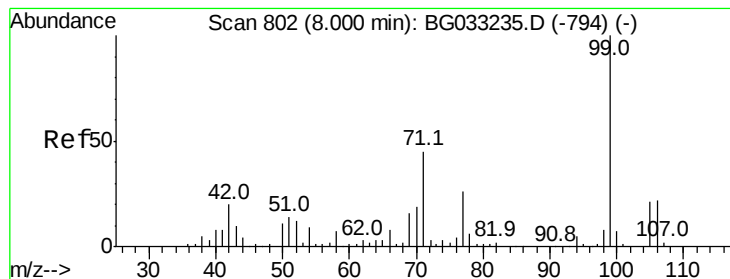
2-Fluorophenol
Concen: 186.340 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

Tgt Ion:112 Resp: 317463
Ion Ratio Lower Upper
112 100
64 75.6 56.3 84.5
63 43.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 171.426 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

Instrument :

BNA_G

ClientSampleId :

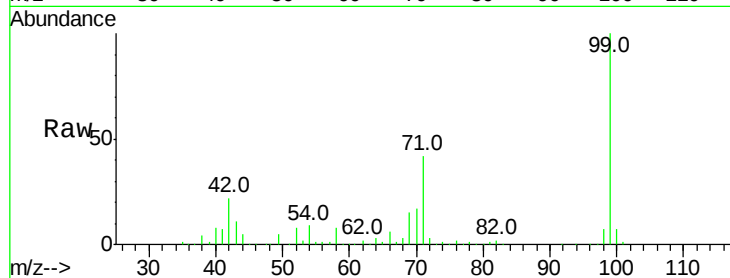
Tot Ion: 99 Resp: 501810

Ion Ratio Lower Upper

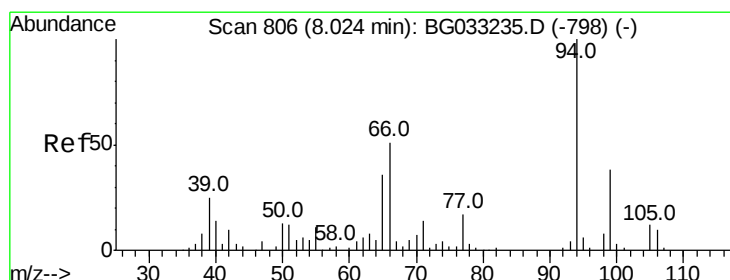
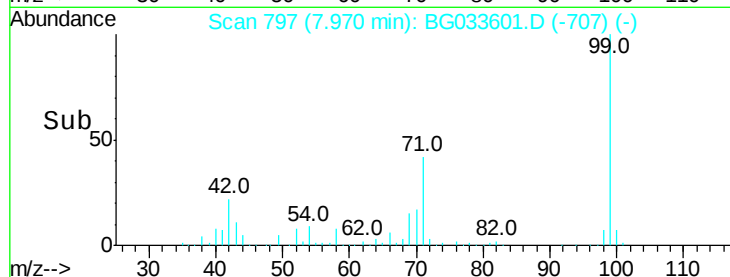
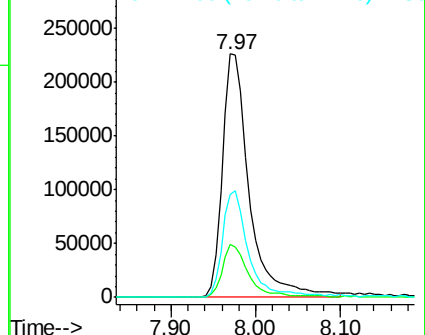
99 100

42 21.8 14.1 21.1#

71 42.1 26.1 39.1#



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



#10

Phenol

Concen: 7.200 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

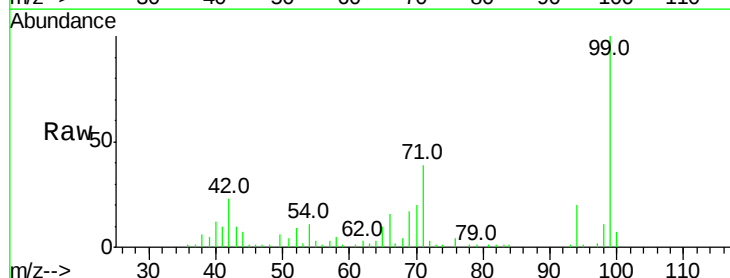
Tgt Ion: 94 Resp: 20810

Ion Ratio Lower Upper

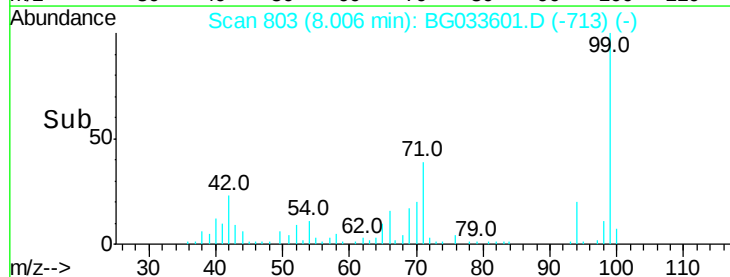
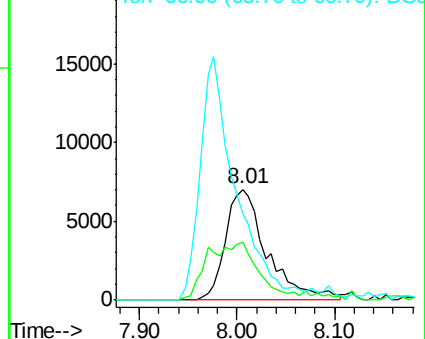
94 100

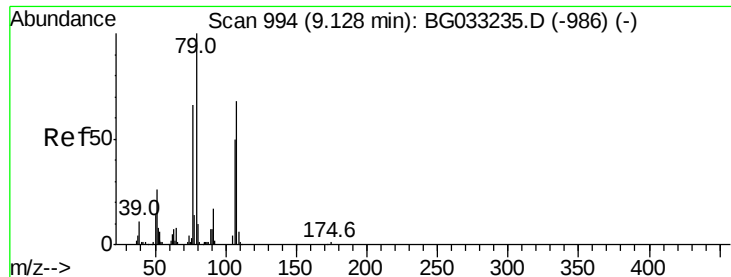
65 52.1 11.9 51.9#

66 78.5 22.2 62.2#



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





#15

Benzyl Alcohol

Concen: 2.067 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.10 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

Instrument :

BNA_G

ClientSampleId :

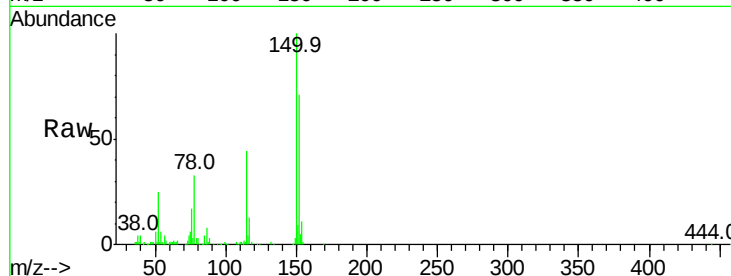
Tot Ion: 79 Resp: 4763

Ion Ratio Lower Upper

79 100

108 20.6 57.2 85.8#

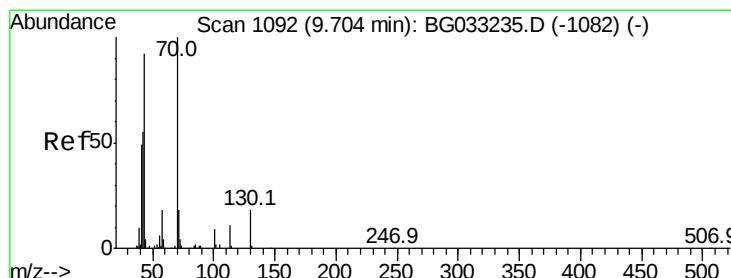
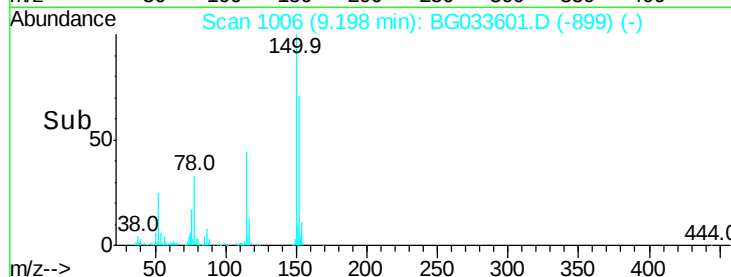
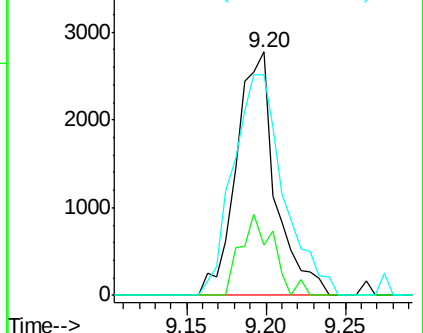
77 90.5 46.1 69.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.800 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.40 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

Tgt Ion: 70 Resp: 42471

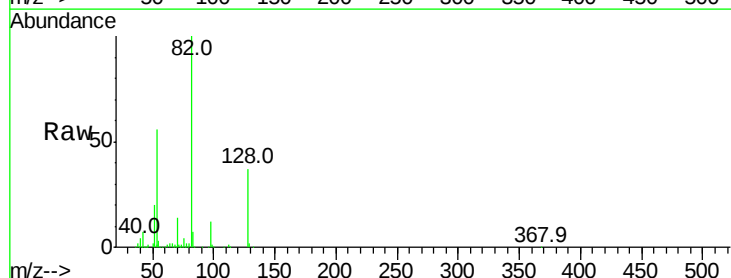
Ion Ratio Lower Upper

70 100

42 49.1 49.1 73.7

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

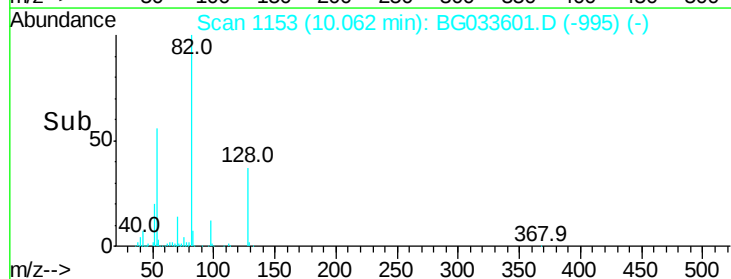
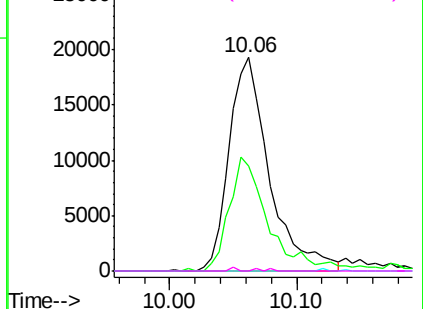


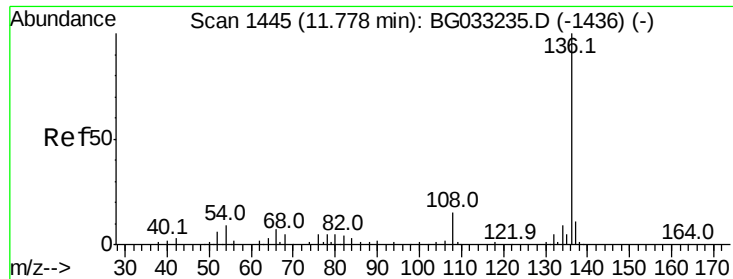
Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

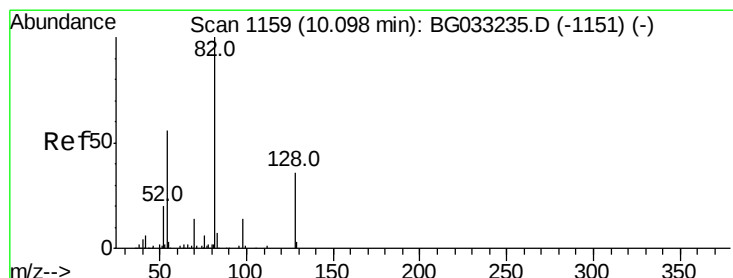
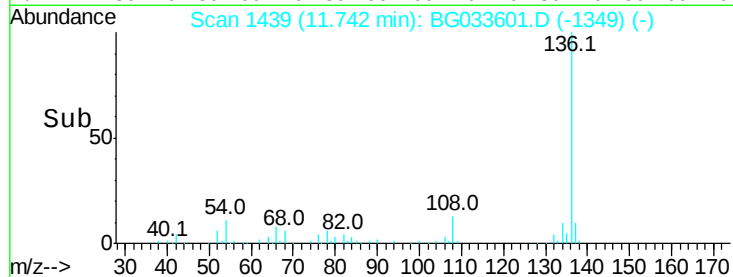
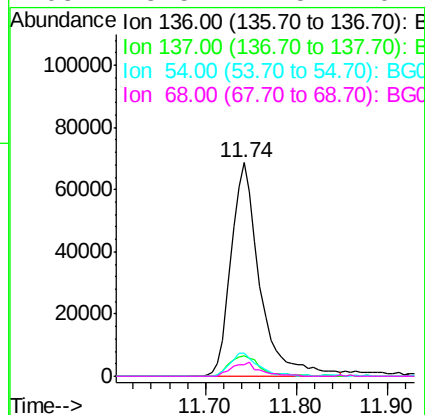
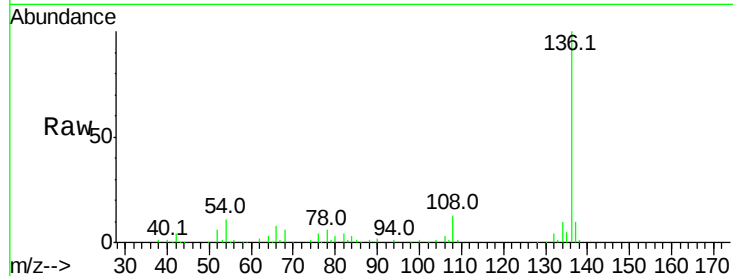




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

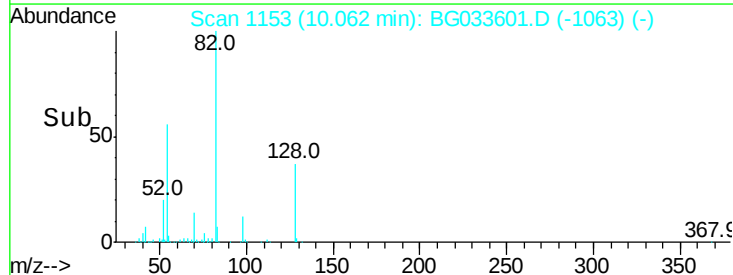
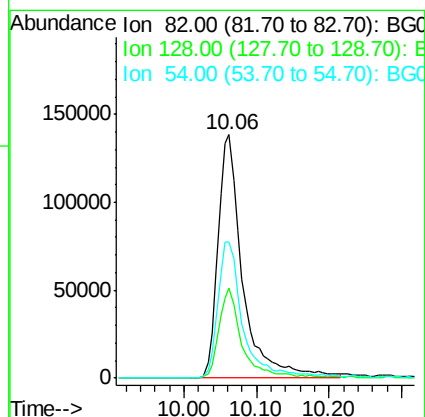
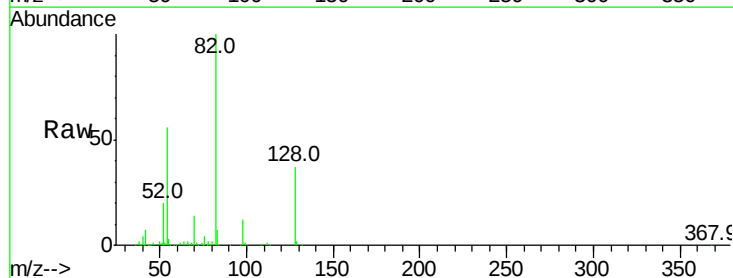
Instrument :
BNA_G
ClientSampleId :

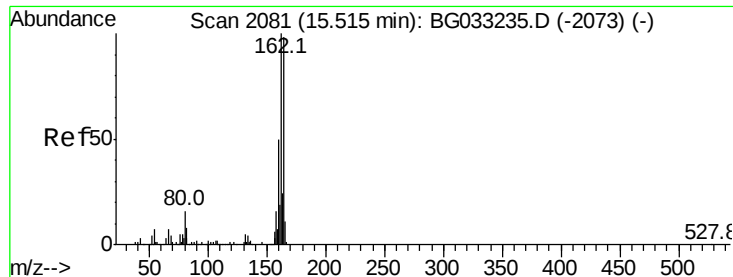
Tot Ion:136	Resp:	151445
Ion	Ratio	Lower Upper
136	100	
137	9.8	9.2 13.8
54	11.0	10.3 15.5
68	5.5	4.5 6.7



#23
Nitrobenzene-d5
Concen: 99.346 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

Tgt Ion: 82	Resp:	327474
Ion	Ratio	Lower Upper
82	100	
128	36.7	29.7 44.5
54	55.8	43.1 64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

Instrument :

BNA_G

ClientSampleId :

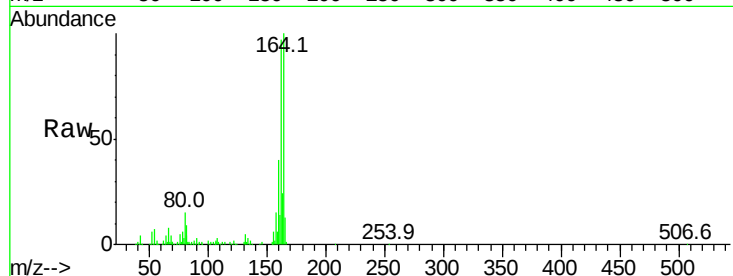
Tot Ion:164 Resp: 124914

Ion Ratio Lower Upper

164 100

162 96.8 78.8 118.2

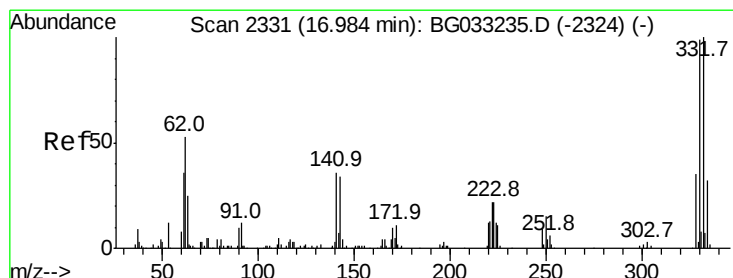
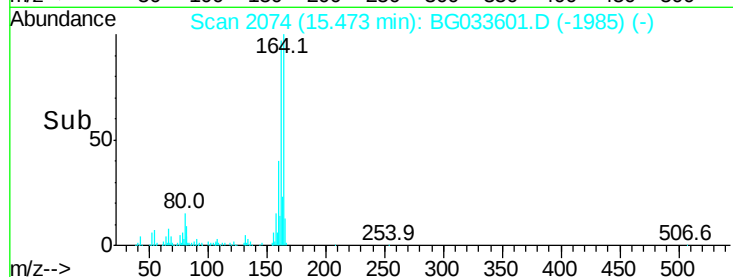
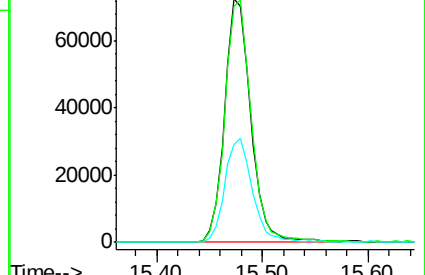
160 40.1 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 128.286 ng

RT: 16.95 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BG033601.D

Acq: 5 Apr 2018 20:26

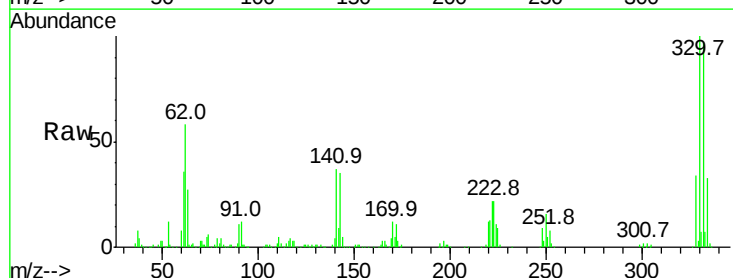
Tgt Ion:330 Resp: 239669

Ion Ratio Lower Upper

330 100

332 96.6 77.0 115.6

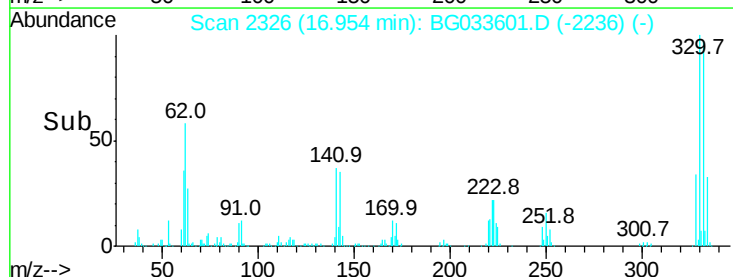
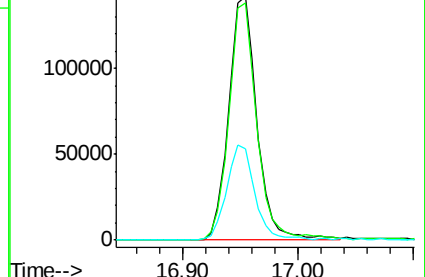
141 39.3 25.2 37.8#

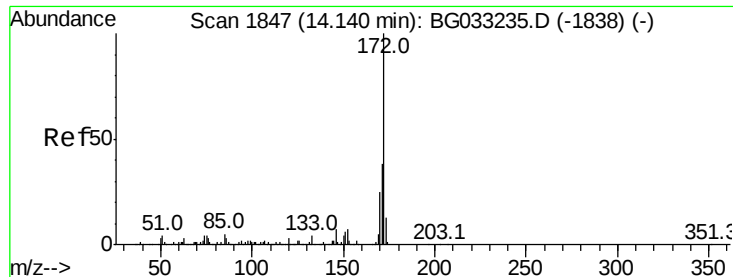


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

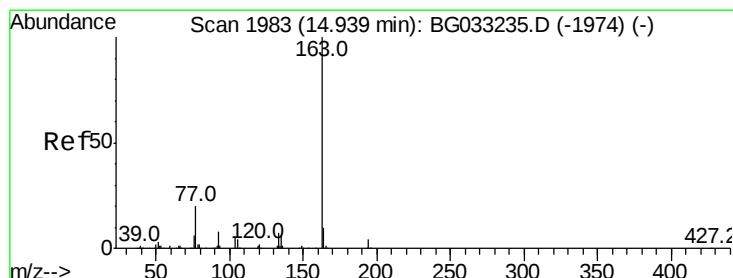
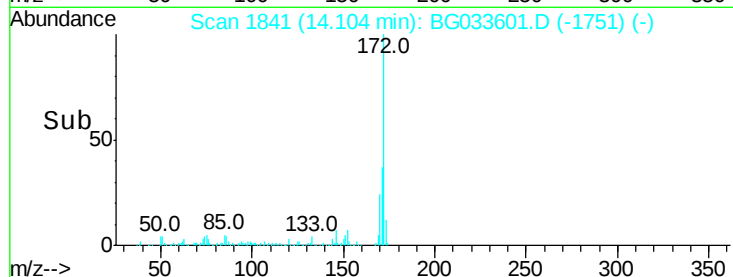
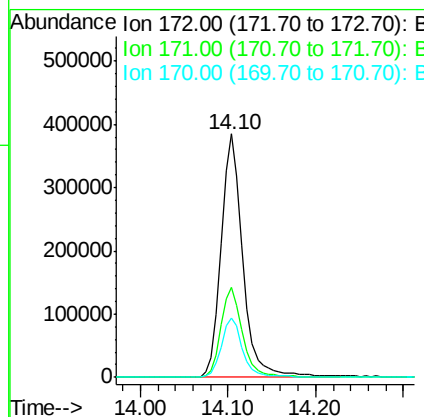
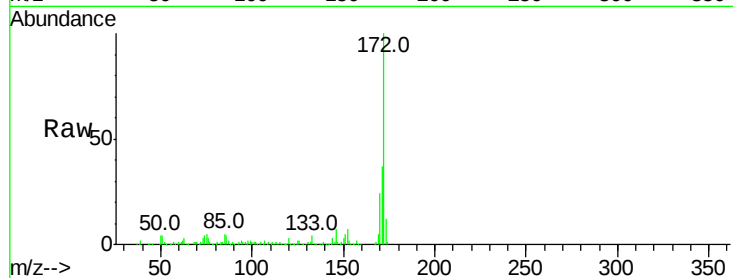




#44
 2-Fluorobiphenyl
 Concen: 76.721 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033601.D
 Acq: 5 Apr 2018 20:26

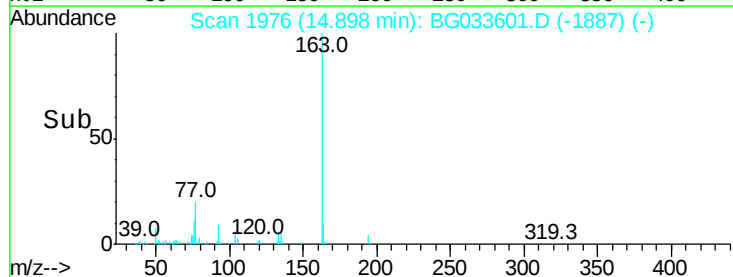
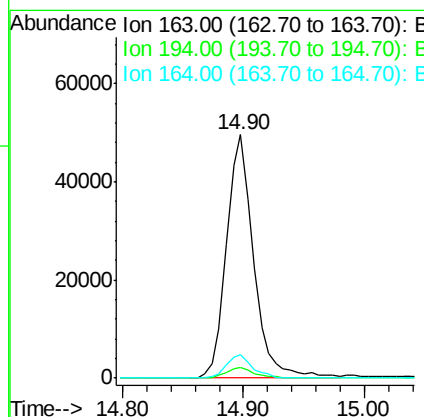
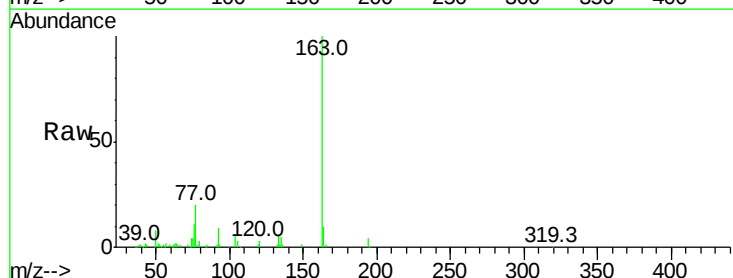
Instrument :
 BNA_G
 ClientSampleId :

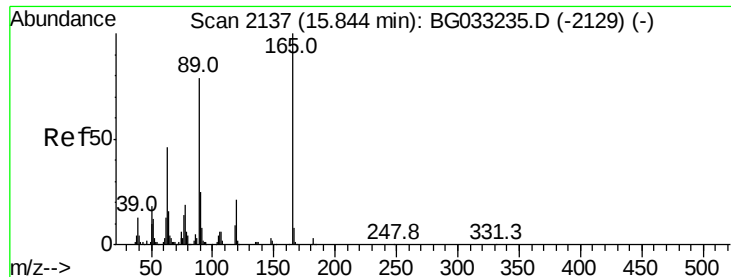
Tot Ion:172 Resp: 663847
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 24.2 19.5 29.3



#49
 Dimethylphthalate
 Concen: 7.114 ng
 RT: 14.90 min Scan# 1976
 Delta R.T. -0.01 min
 Lab File: BG033601.D
 Acq: 5 Apr 2018 20:26

Tgt Ion:163 Resp: 77339
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.4 5.2
 164 9.9 8.2 12.4

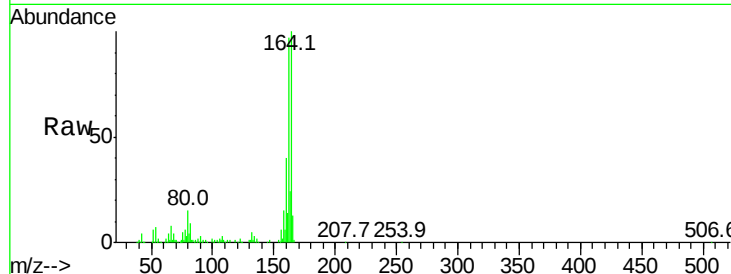




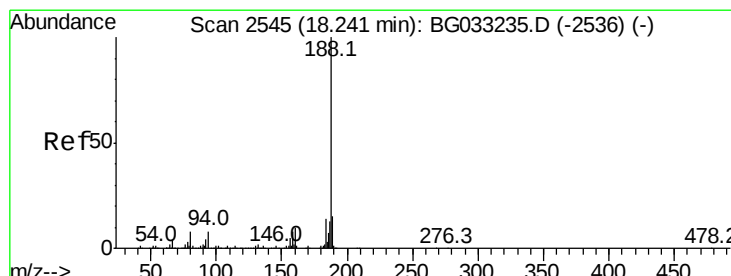
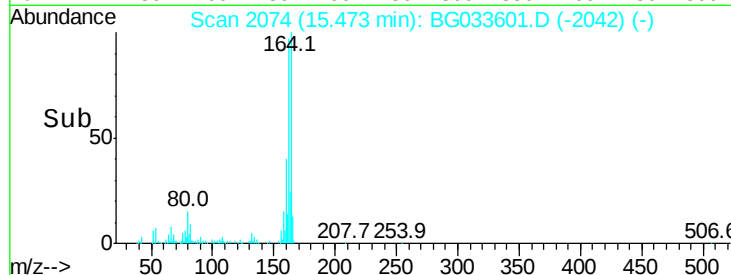
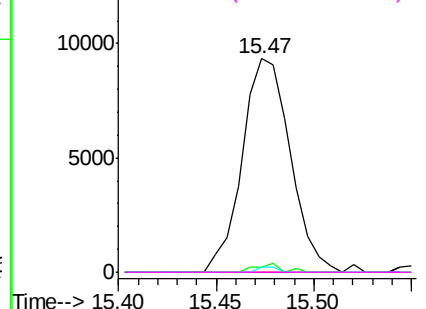
#56
 2,4-Dinitrotoluene
 Concen: 4.865 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033601.D
 Acq: 5 Apr 2018 20:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 15921
 Ion Ratio Lower Upper
 165 100
 63 2.3 42.0 63.0#
 89 2.6 66.9 100.3#
 182 0.0 2.6 3.8#

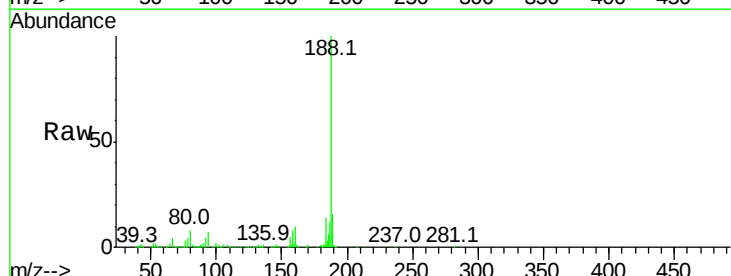


Abundance Ion 165.00 (164.70 to 165.70): E

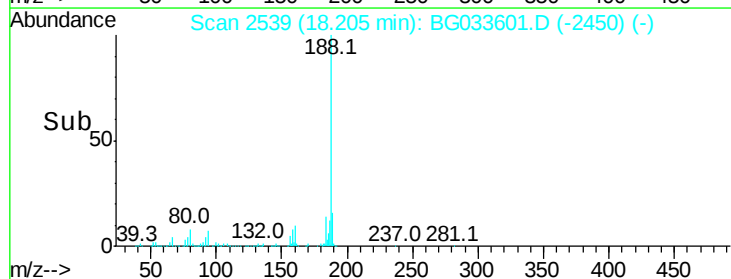
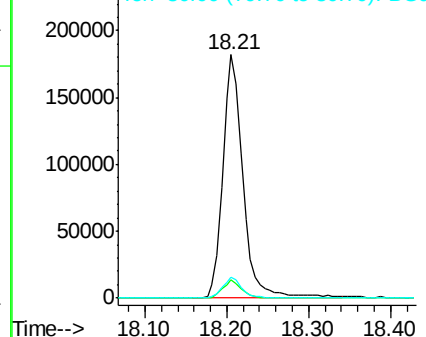


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.01 min
 Lab File: BG033601.D
 Acq: 5 Apr 2018 20:26

Tgt Ion:188 Resp: 313446
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.9 10.3
 80 8.3 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

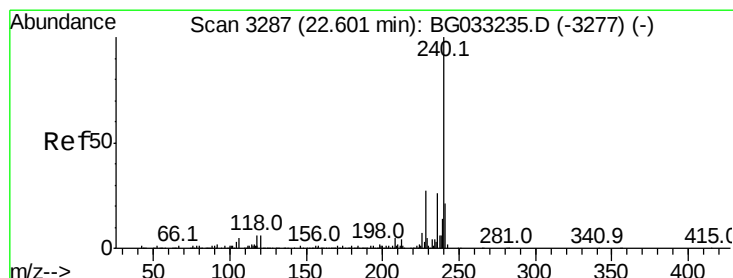
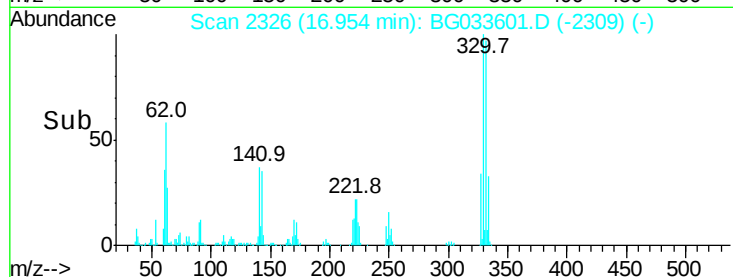
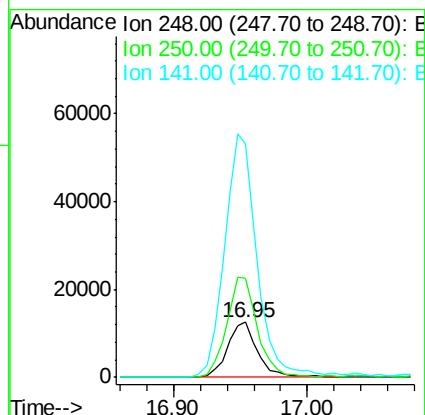
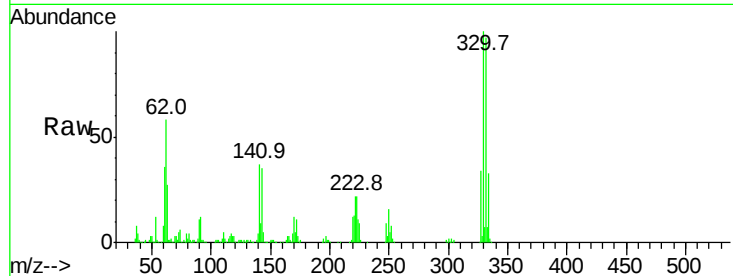




#66
4-Bromophenyl-phenylether
Concen: 5.376 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

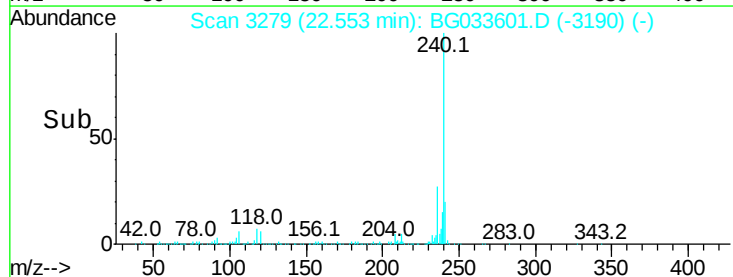
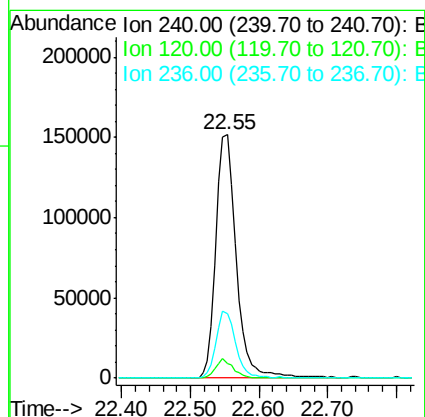
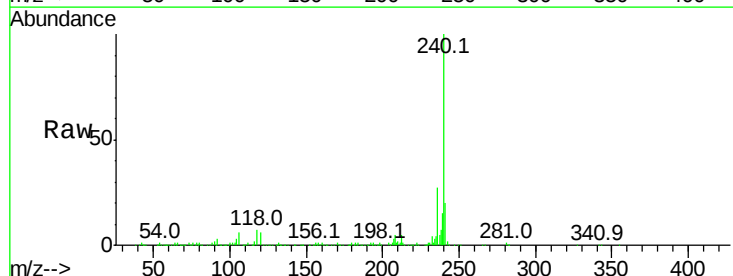
Instrument :
BNA_G
ClientSampleId :

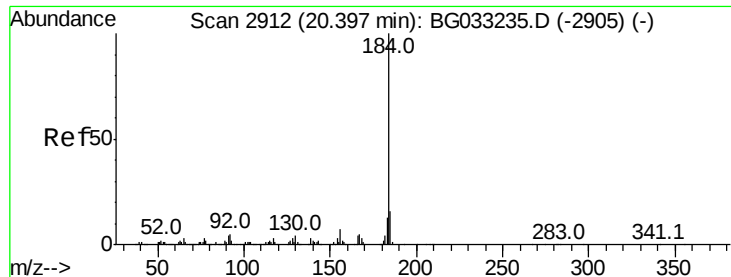
Tot Ion:248 Resp: 19788
Ion Ratio Lower Upper
248 100
250 178.4 77.1 115.7#
141 420.9 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3279
Delta R.T. -0.01 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

Tgt Ion:240 Resp: 313851
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 26.6 20.9 31.3

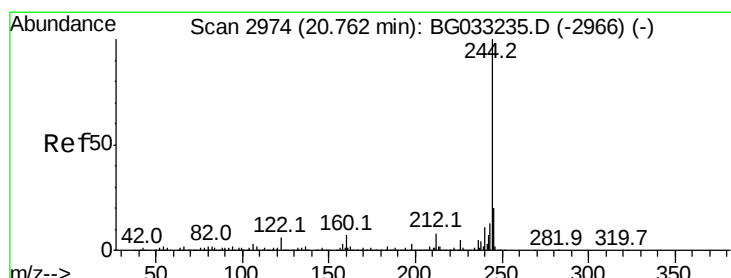
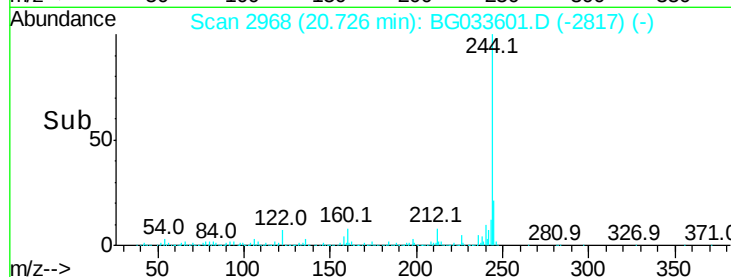
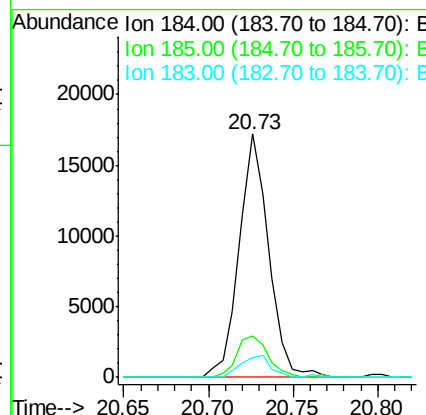
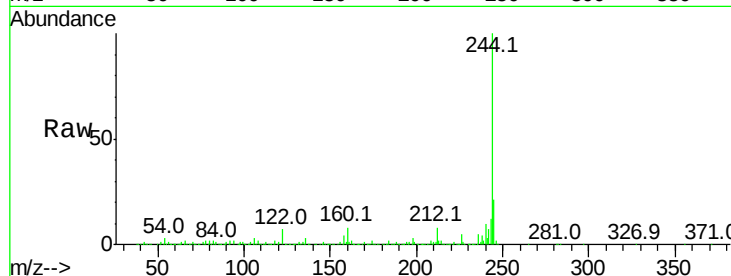




#76
Benzidine
Concen: 2.458 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

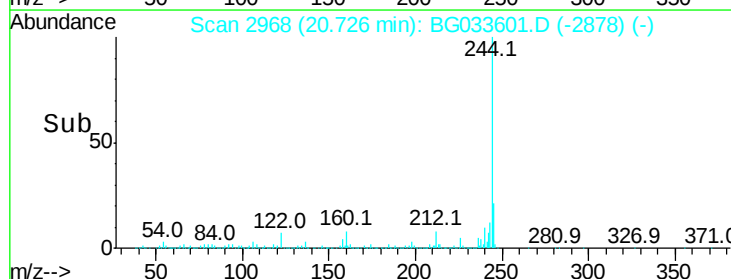
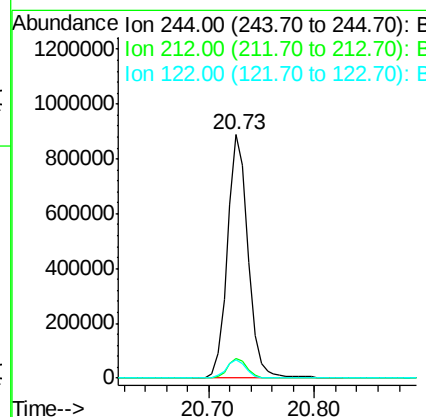
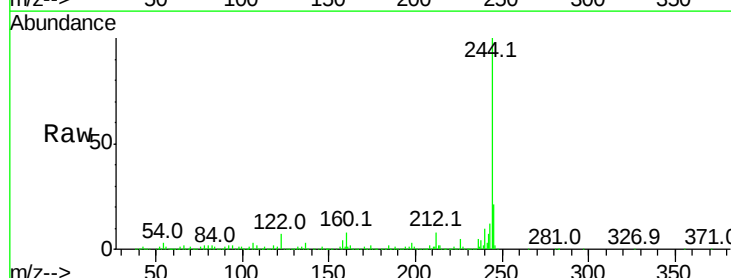
Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 20919
Ion Ratio Lower Upper
184 100
185 16.9 11.1 16.7#
183 8.2 10.6 16.0#



#78
Terphenyl-d14
Concen: 81.994 ng
RT: 20.73 min Scan# 2968
Delta R.T. -0.00 min
Lab File: BG033601.D
Acq: 5 Apr 2018 20:26

Tgt Ion:244 Resp: 1203308
Ion Ratio Lower Upper
244 100
212 8.1 5.8 8.8
122 7.4 7.0 10.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033601.D
 Acq: 5 Apr 2018 20:26

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	17.4	26.0
265	21.3	17.7	26.5

