

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033612.D
 Acq On : 6 Apr 2018 3:44
 Operator : SJ/JU
 Sample : J2212-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 05:18:57 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

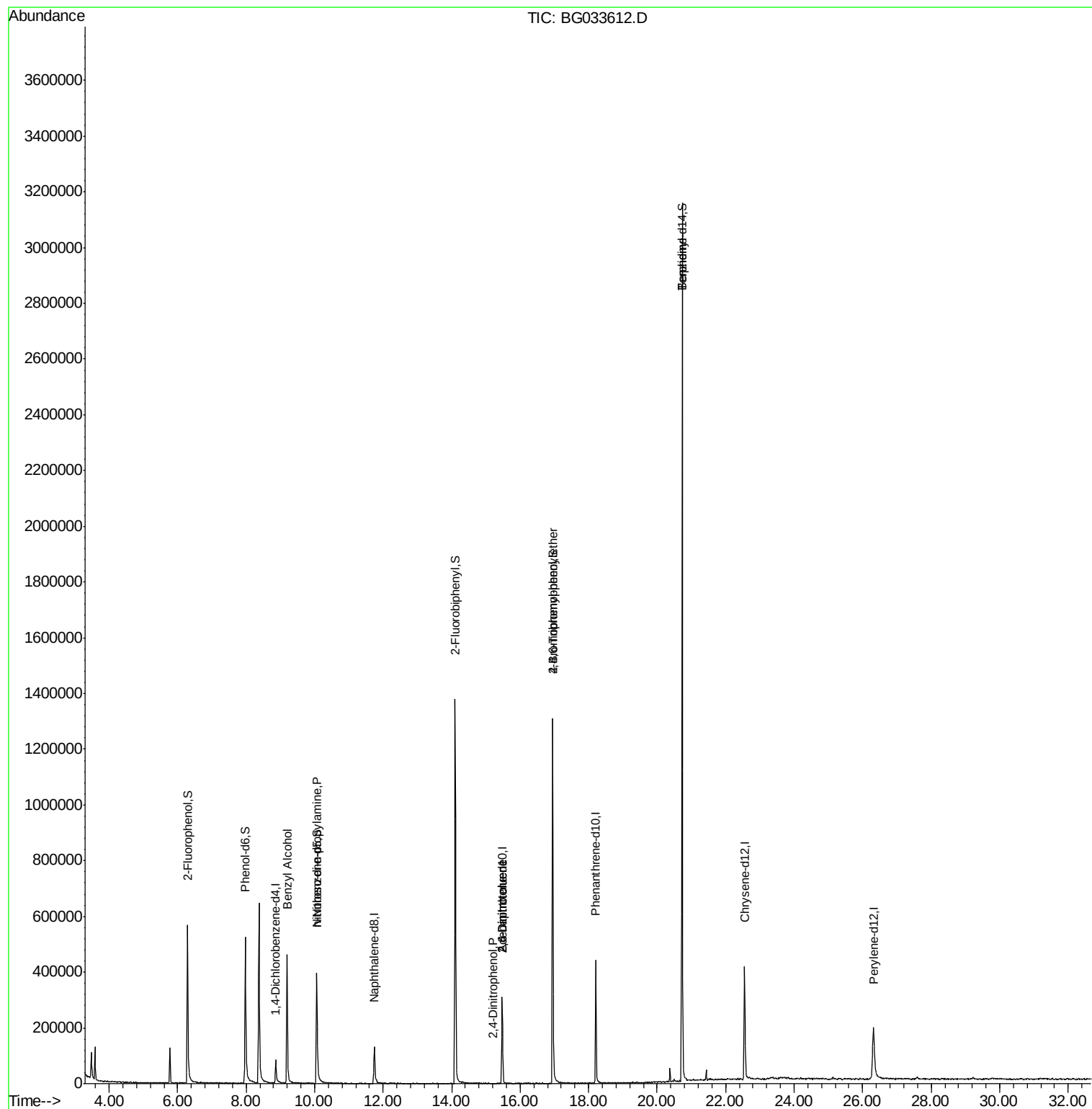
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31170	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	138524	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	116455	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	303549	20.00	ng	0.00
75) Chrysene-d12	22.55	240	307285	20.00	ng	0.00
86) Perylene-d12	26.31	264	292598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	274802	165.31	ng	0.00
7) Phenol-d6	7.97	99	379257	132.79	ng	0.00
23) Nitrobenzene-d5	10.06	82	319986	106.13	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	255053	146.44	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	786819	97.54	ng	0.00
78) Terphenyl-d14	20.73	244	1549668	107.85	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5246	2.333	ng	# 49
19) n-Nitroso-di-n-propylamine	10.06	70	42899	20.498	ng	# 73
50) 2,6-Dinitrotoluene	15.48	165	14100	6.804	ng	# 20
53) 2,4-Dinitrophenol	15.21	184	75	7.706	ng	# 1
56) 2,4-Dinitrotoluene	15.48	165	14100	4.621	ng	# 17
66) 4-Bromophenyl-phenylether	16.95	248	19648	5.512	ng	# 1
76) Benzidine	20.73	184	27138	3.257	ng	97

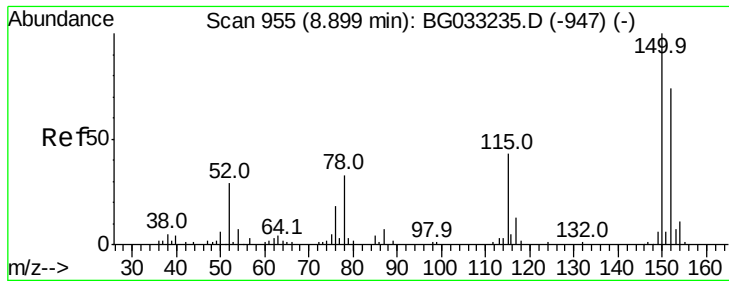
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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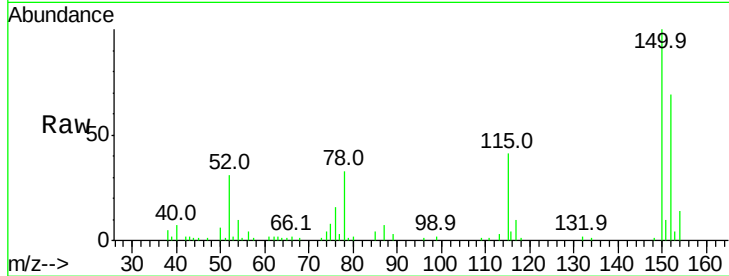


#1

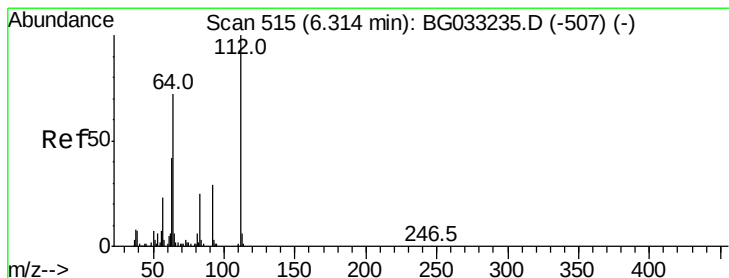
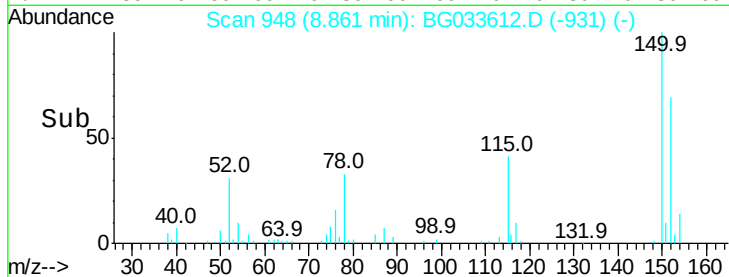
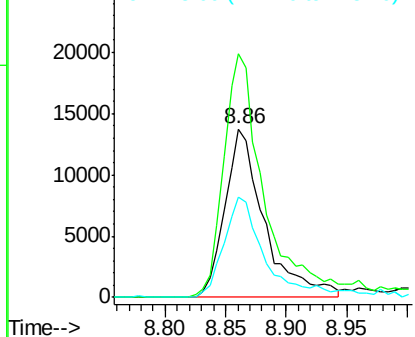
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31170
Ion Ratio Lower Upper
152 100
150 144.8 126.6 189.8
115 59.4 53.0 79.4



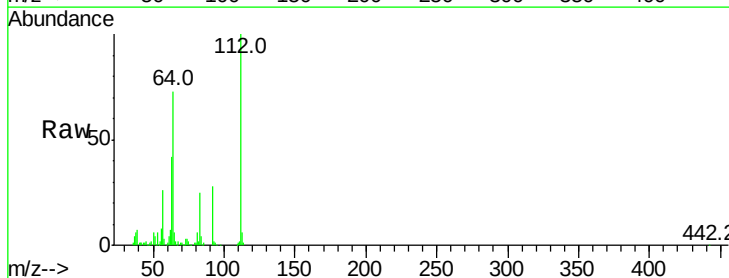
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



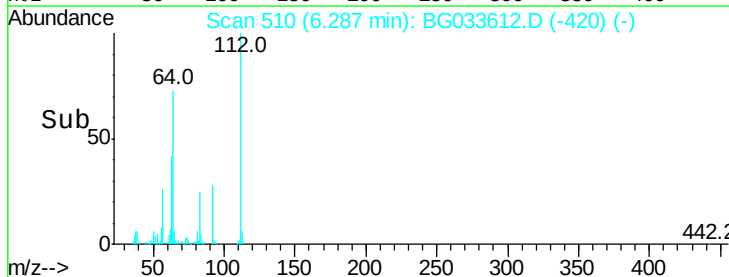
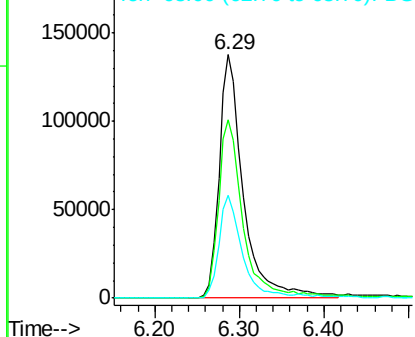
#5

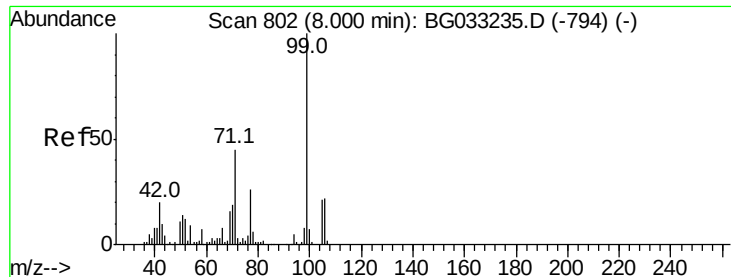
2-Fluorophenol
Concen: 165.315 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Tgt Ion:112 Resp: 274802
Ion Ratio Lower Upper
112 100
64 73.2 56.3 84.5
63 42.0 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.786 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033612.D

Acq: 6 Apr 2018 3:44

Instrument :

BNA_G

ClientSampleId :

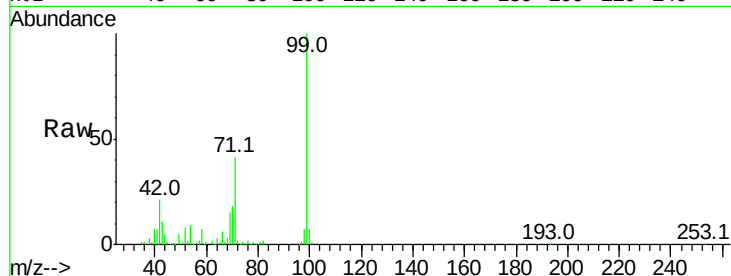
Tot Ion: 99 Resp: 379257

Ion Ratio Lower Upper

99 100

42 21.0 14.1 21.1

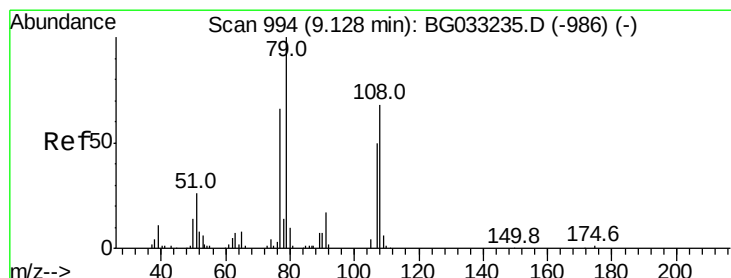
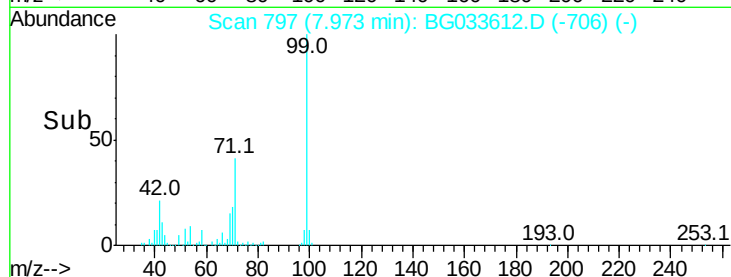
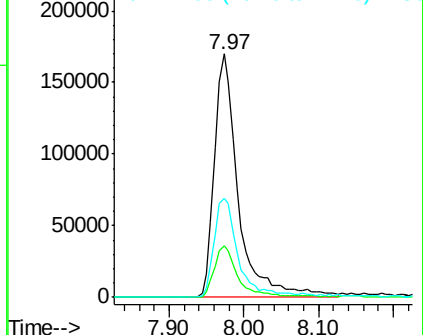
71 40.9 26.1 39.1#



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



#15

Benzyl Alcohol

Concen: 2.333 ng

RT: 9.20 min Scan# 1005

Delta R.T. 0.10 min

Lab File: BG033612.D

Acq: 6 Apr 2018 3:44

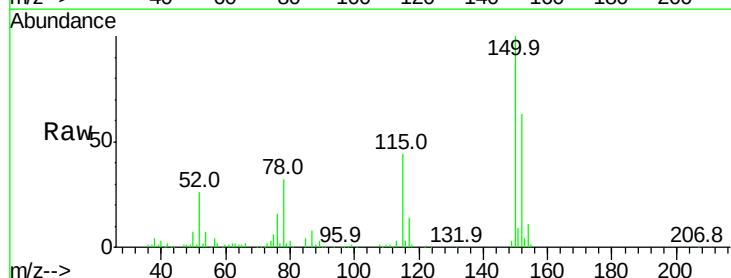
Tgt Ion: 79 Resp: 5246

Ion Ratio Lower Upper

79 100

108 35.4 57.2 85.8#

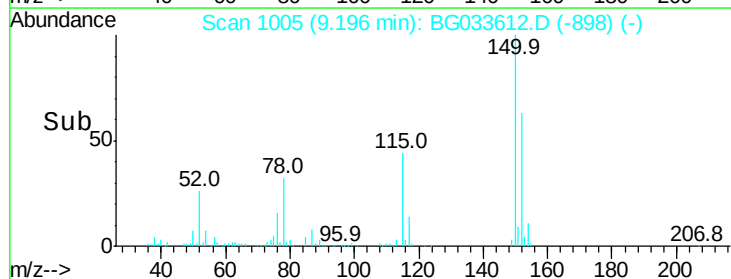
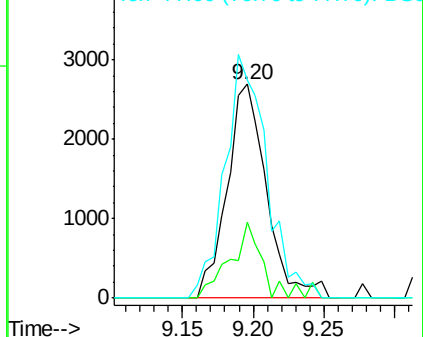
77 101.8 46.1 69.1#

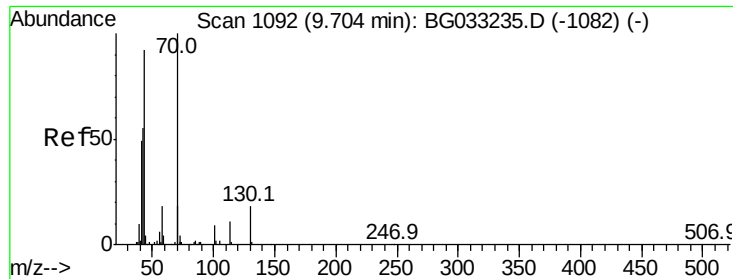


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

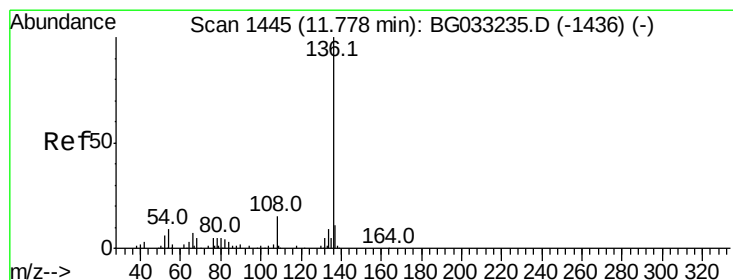
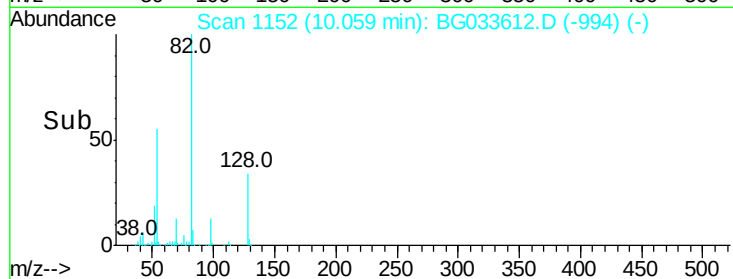
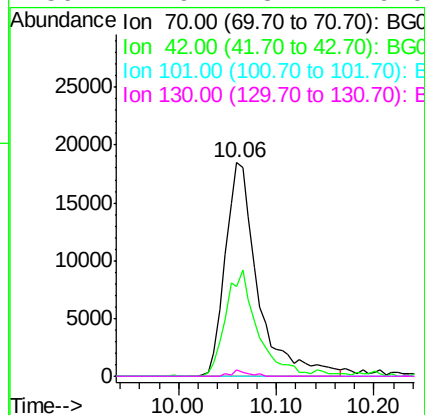
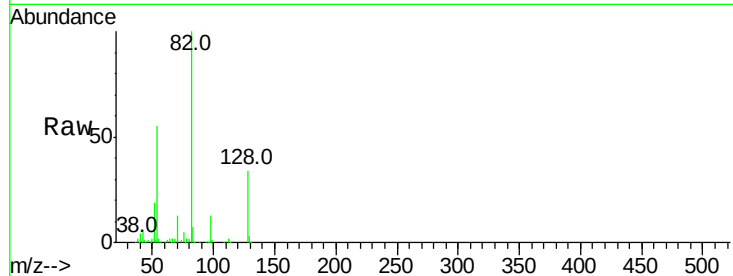




#19
n-Nitroso-di-n-propylamine
Concen: 20.498 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

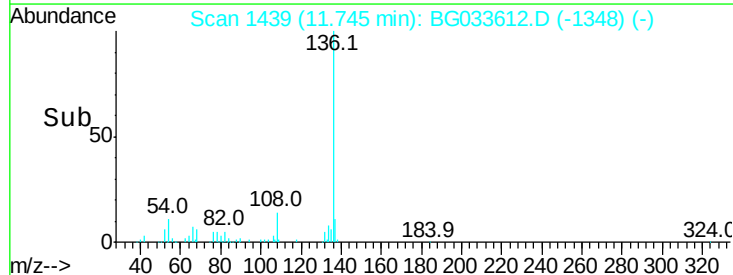
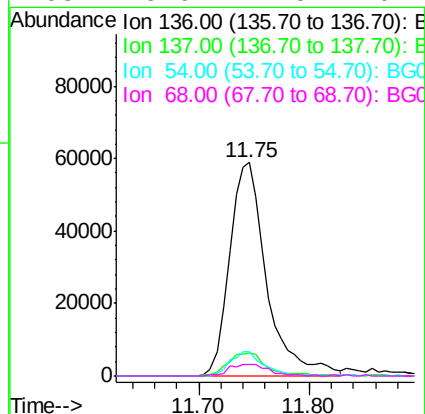
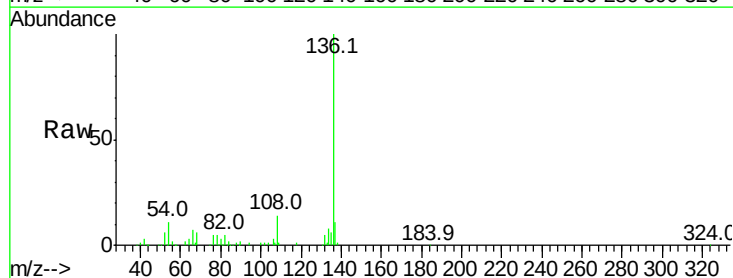
Instrument :
BNA_G
ClientSampleId :

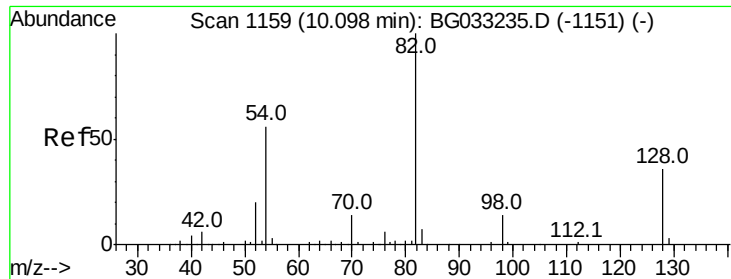
Tot Ion:	70	Resp:	42899
Ion	Ratio	Lower	Upper
70	100		
42	41.8	49.1	73.7#
101	0.0	8.5	12.7#
130	2.9	13.4	20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Tgt Ion:	136	Resp:	138524
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	11.4	10.3	15.5
68	5.6	4.5	6.7



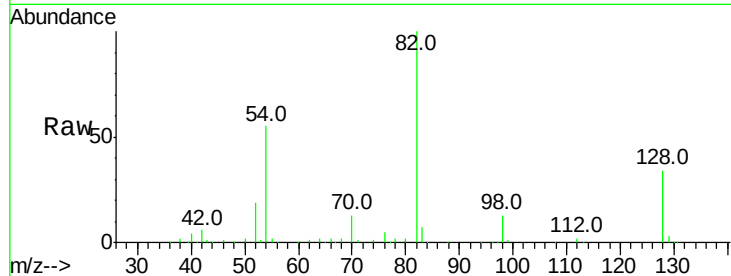


#23
 Nitrobenzene-d5
 Concen: 106.129 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033612.D
 Acq: 6 Apr 2018 3:44

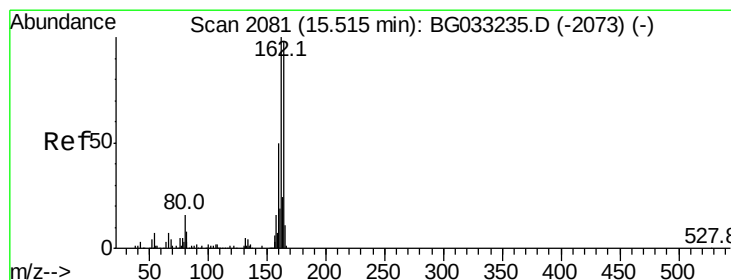
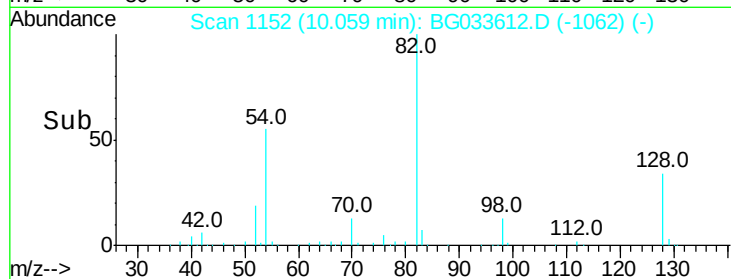
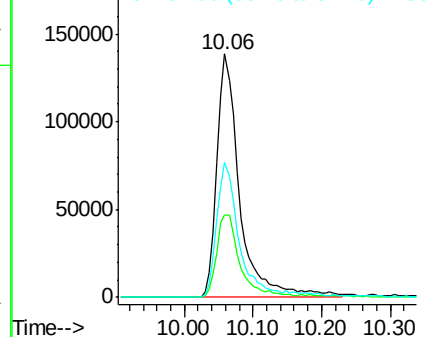
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 319986

Ion	Ratio	Lower	Upper
82	100		
128	33.9	29.7	44.5
54	55.3	43.1	64.7



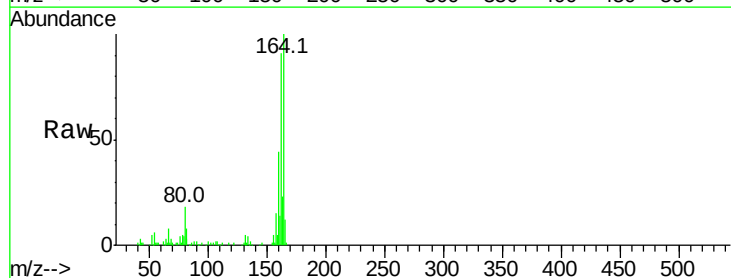
Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC



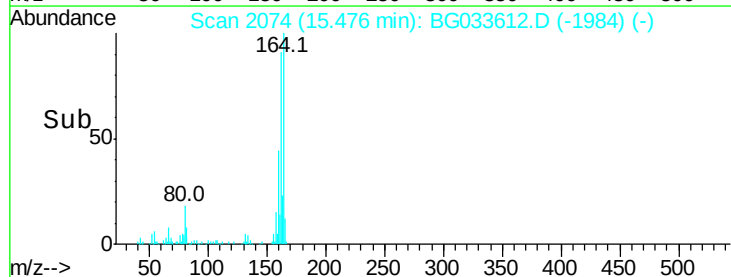
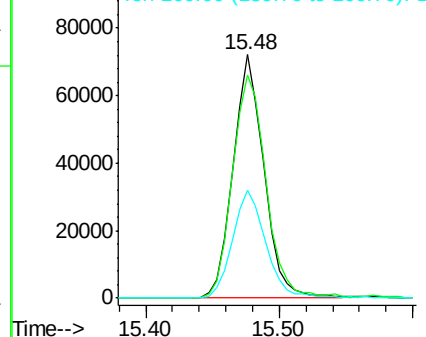
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033612.D
 Acq: 6 Apr 2018 3:44

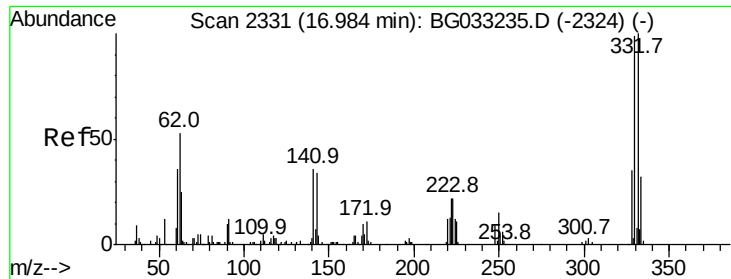
Tgt Ion:164 Resp: 116455

Ion	Ratio	Lower	Upper
164	100		
162	91.5	78.8	118.2
160	44.1	35.4	53.0



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

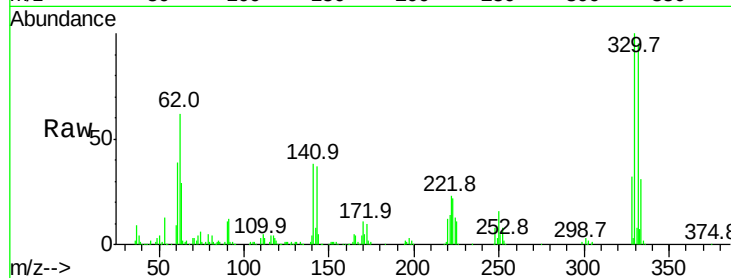




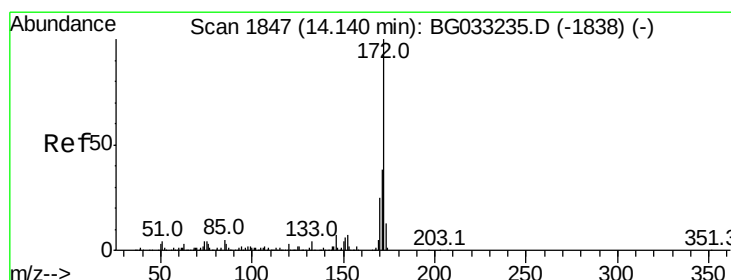
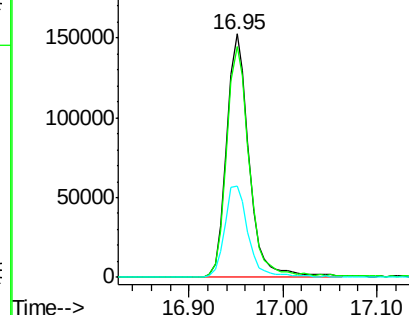
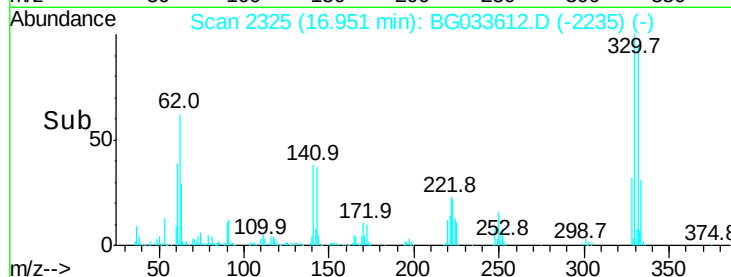
#41
 2,4,6-Tribromophenol
 Concen: 146.437 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033612.D
 Acq: 6 Apr 2018 3:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 255053
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 39.6 25.2 37.8#

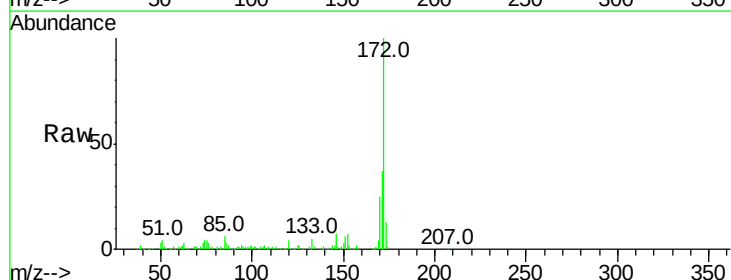


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

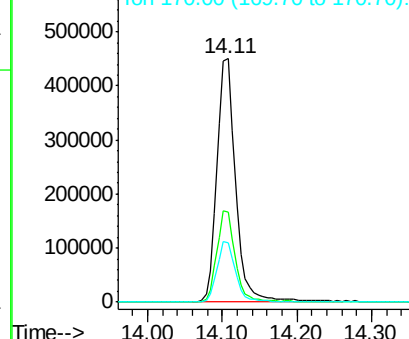
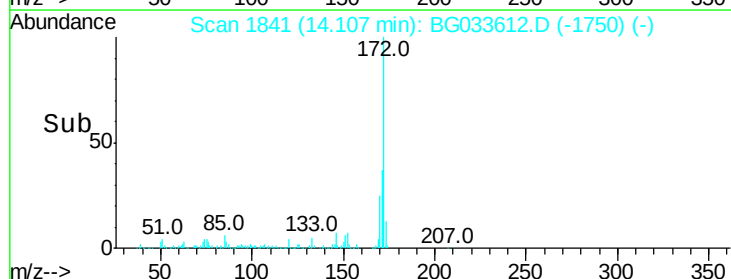


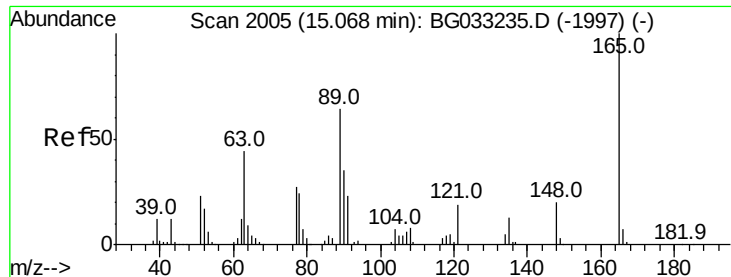
#44
 2-Fluorobiphenyl
 Concen: 97.538 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033612.D
 Acq: 6 Apr 2018 3:44

Tgt Ion:172 Resp: 786819
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 24.6 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

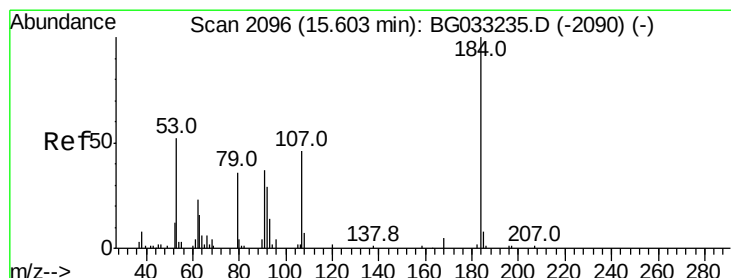
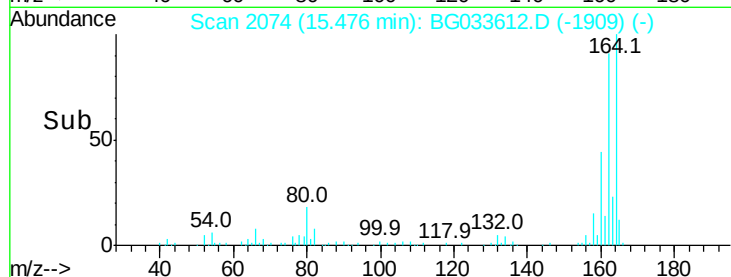
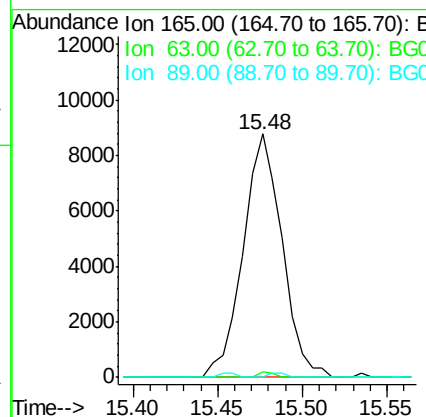
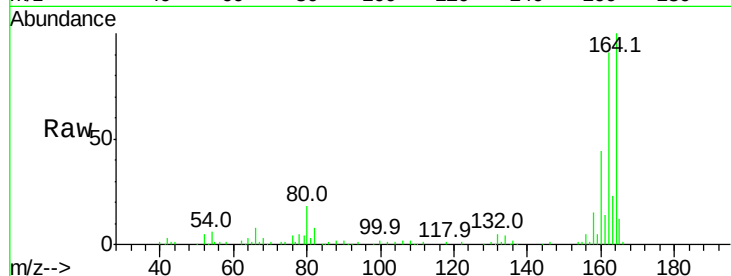




#50
 2,6-Dinitrotoluene
 Concen: 6.804 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033612.D
 Acq: 6 Apr 2018 3:44

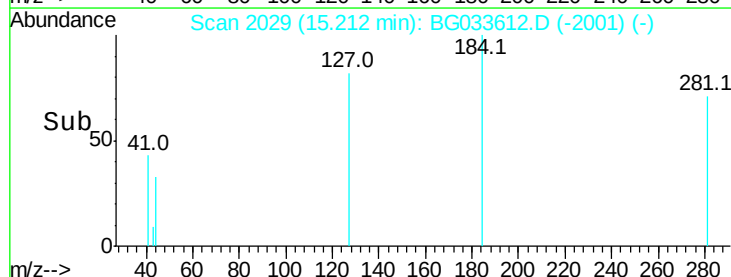
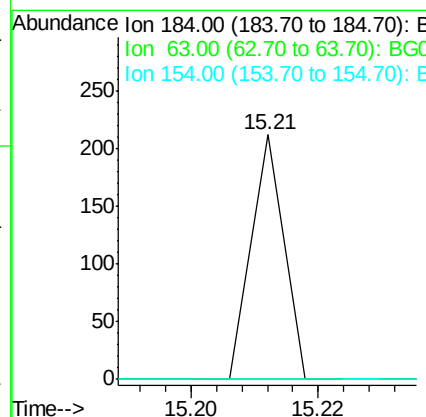
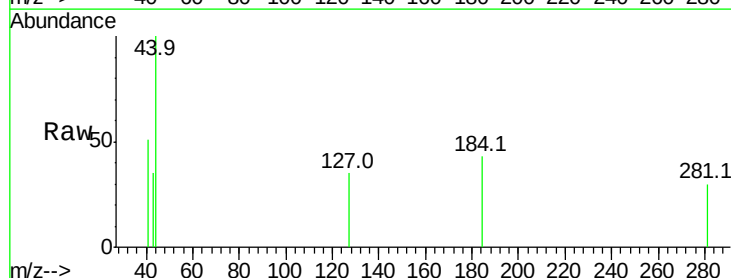
Instrument :
 BNA_G
 ClientSampleId :

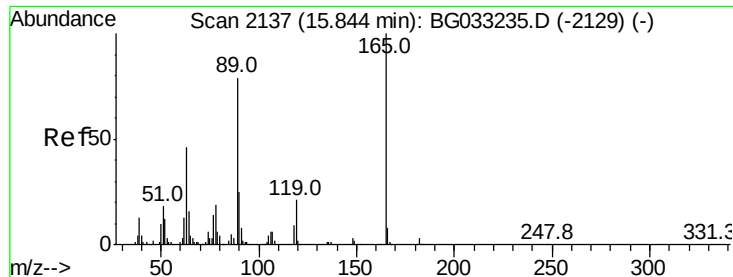
Tot Ion:165 Resp: 14100
 Ion Ratio Lower Upper
 165 100
 63 2.2 52.7 79.1#
 89 0.0 49.2 73.8#



#53
 2,4-Dinitrophenol
 Concen: 7.706 ng
 RT: 15.21 min Scan# 2029
 Delta R.T. -0.37 min
 Lab File: BG033612.D
 Acq: 6 Apr 2018 3:44

Tgt Ion:184 Resp: 75
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#





#56

2,4-Dinitrotoluene

Concen: 4.621 ng

RT: 15.48 min Scan# 2074

Delta R.T. -0.34 min

Lab File: BG033612.D

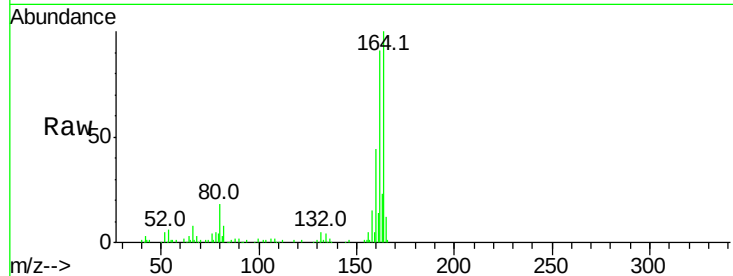
Acq: 6 Apr 2018 3:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:	165	Resp:	14100
Ion Ratio	Lower	Upper	
165	100		
63	2.2	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

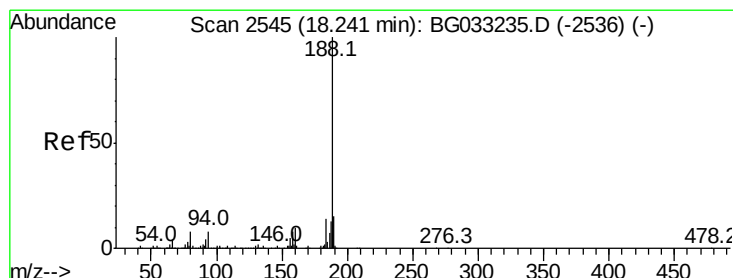
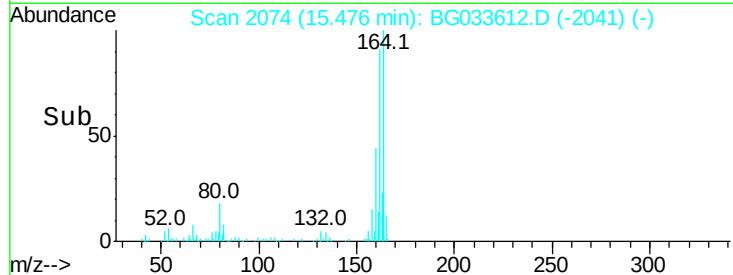
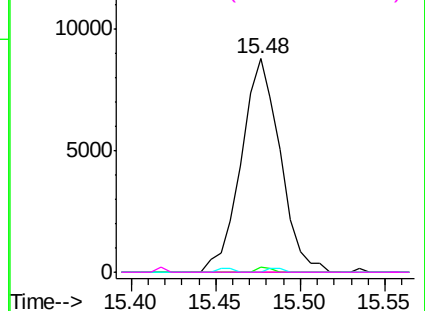


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

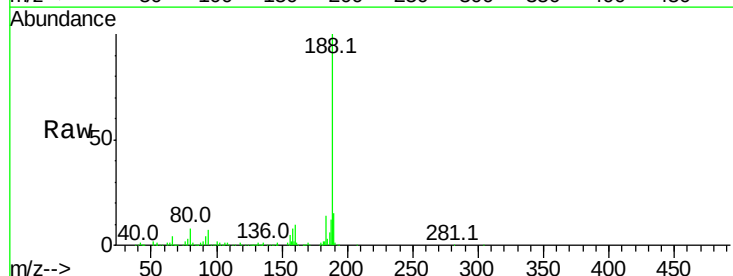
RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033612.D

Acq: 6 Apr 2018 3:44

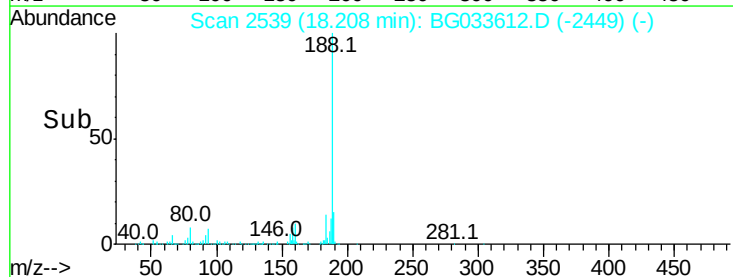
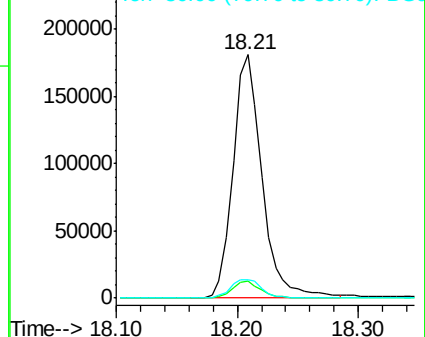
Tgt Ion:	188	Resp:	303549
Ion Ratio	Lower	Upper	
188	100		
94	6.8	6.9	10.3#
80	7.7	7.7	11.5

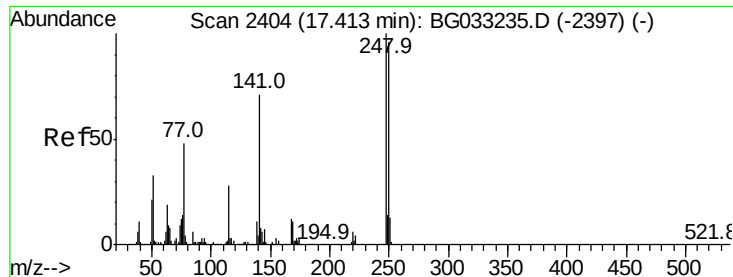


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

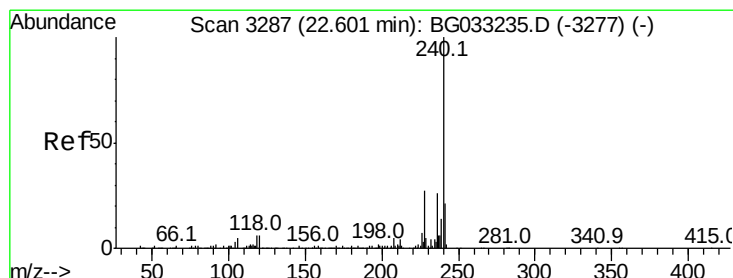
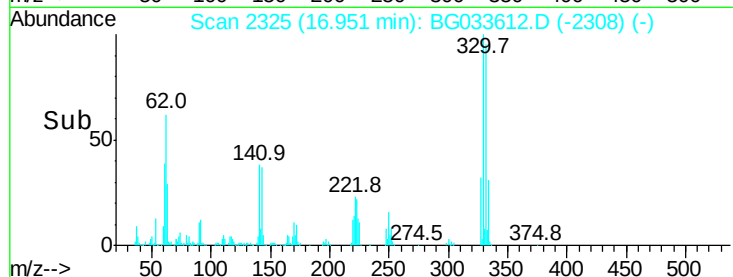
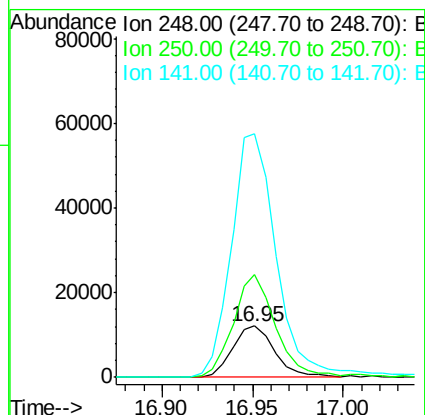
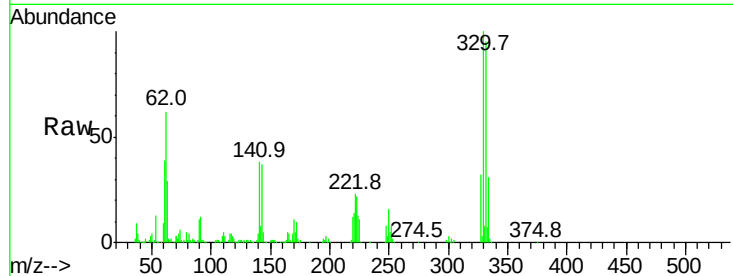




#66
 4-Bromophenyl-phenylether
 Concen: 5.512 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033612.D
 Acq: 6 Apr 2018 3:44

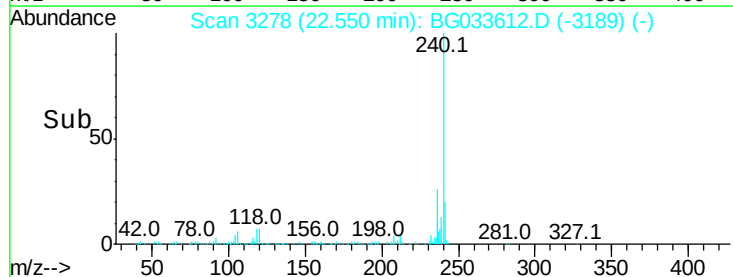
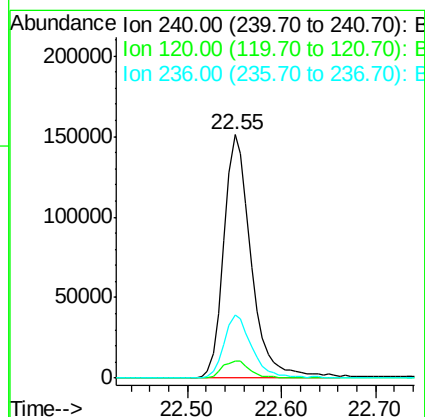
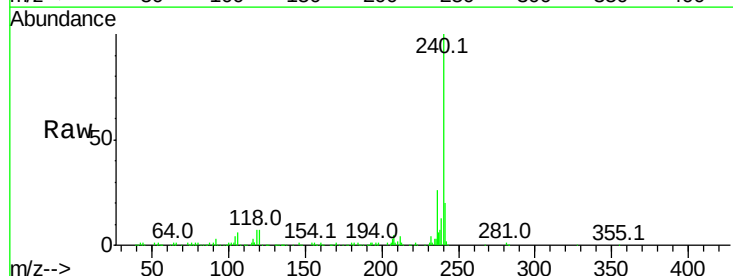
Instrument :
 BNA_G
 ClientSampled :

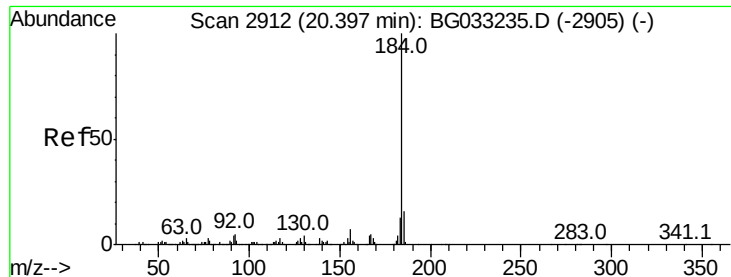
Tot Ion:248 Resp: 19648
 Ion Ratio Lower Upper
 248 100
 250 200.1 77.1 115.7#
 141 474.1 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.01 min
 Lab File: BG033612.D
 Acq: 6 Apr 2018 3:44

Tgt Ion:240 Resp: 307285
 Ion Ratio Lower Upper
 240 100
 120 6.7 6.8 10.2#
 236 25.8 20.9 31.3

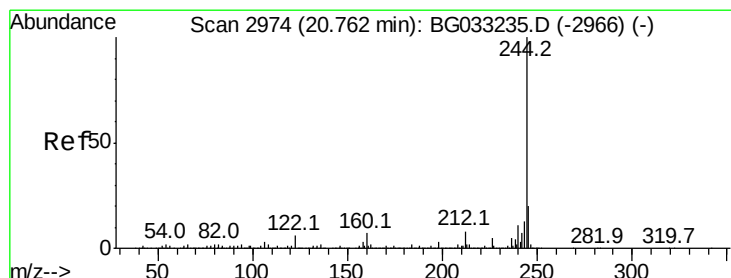
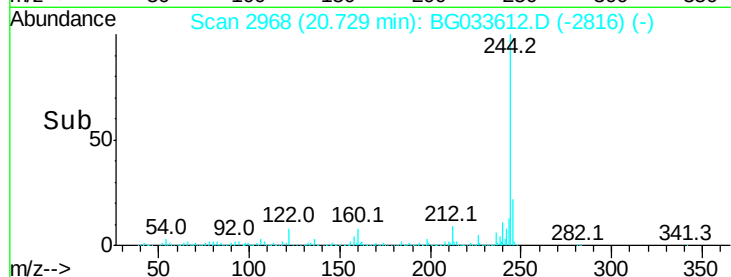
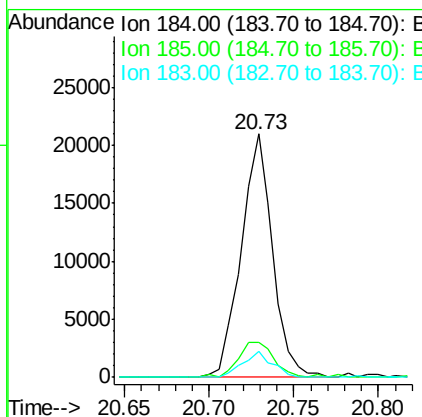
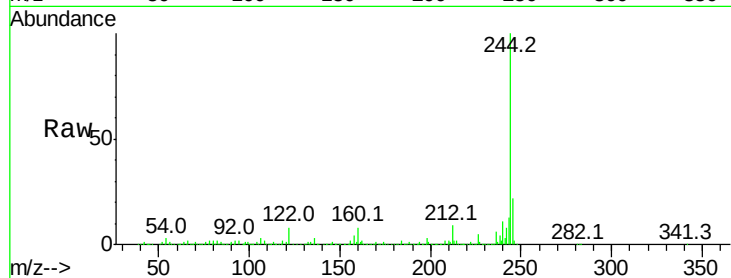




#76
Benzidine
Concen: 3.257 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.36 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

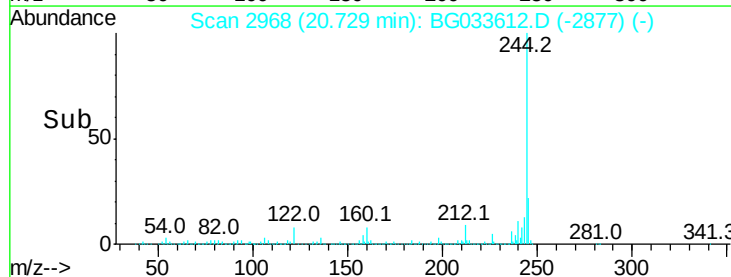
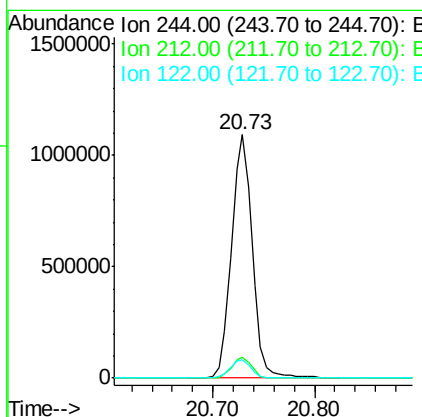
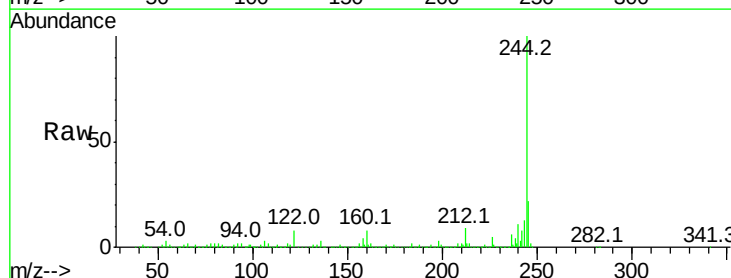
Instrument :
BNA_G
ClientSampled :

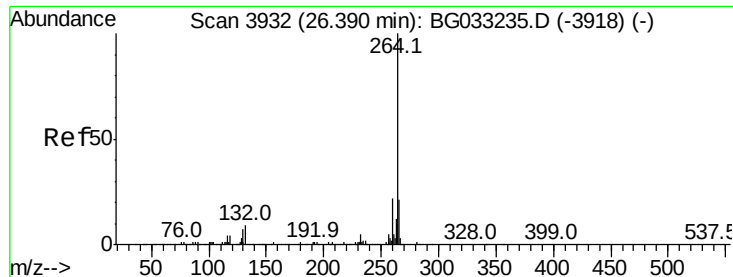
Tot Ion:184 Resp: 27138
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 10.9 10.6 16.0



#78
Terphenyl-d14
Concen: 107.852 ng
RT: 20.73 min Scan# 2968
Delta R.T. 0.00 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Tgt Ion:244 Resp: 1549668
Ion Ratio Lower Upper
244 100
212 8.8 5.8 8.8#
122 7.6 7.0 10.4

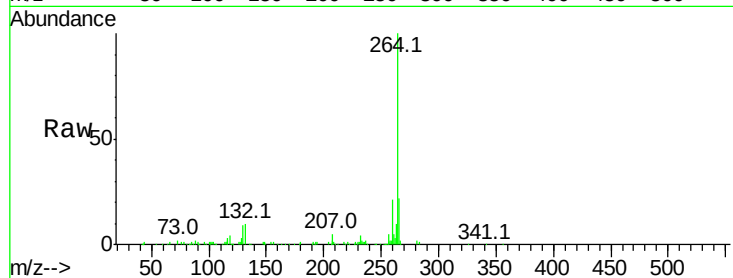




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BG033612.D
Acq: 6 Apr 2018 3:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.6	17.4	26.0
265	22.1	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

