

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033630.D
 Acq On : 6 Apr 2018 16:18
 Operator : SJ/JU
 Sample : J2153-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 00:49:47 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

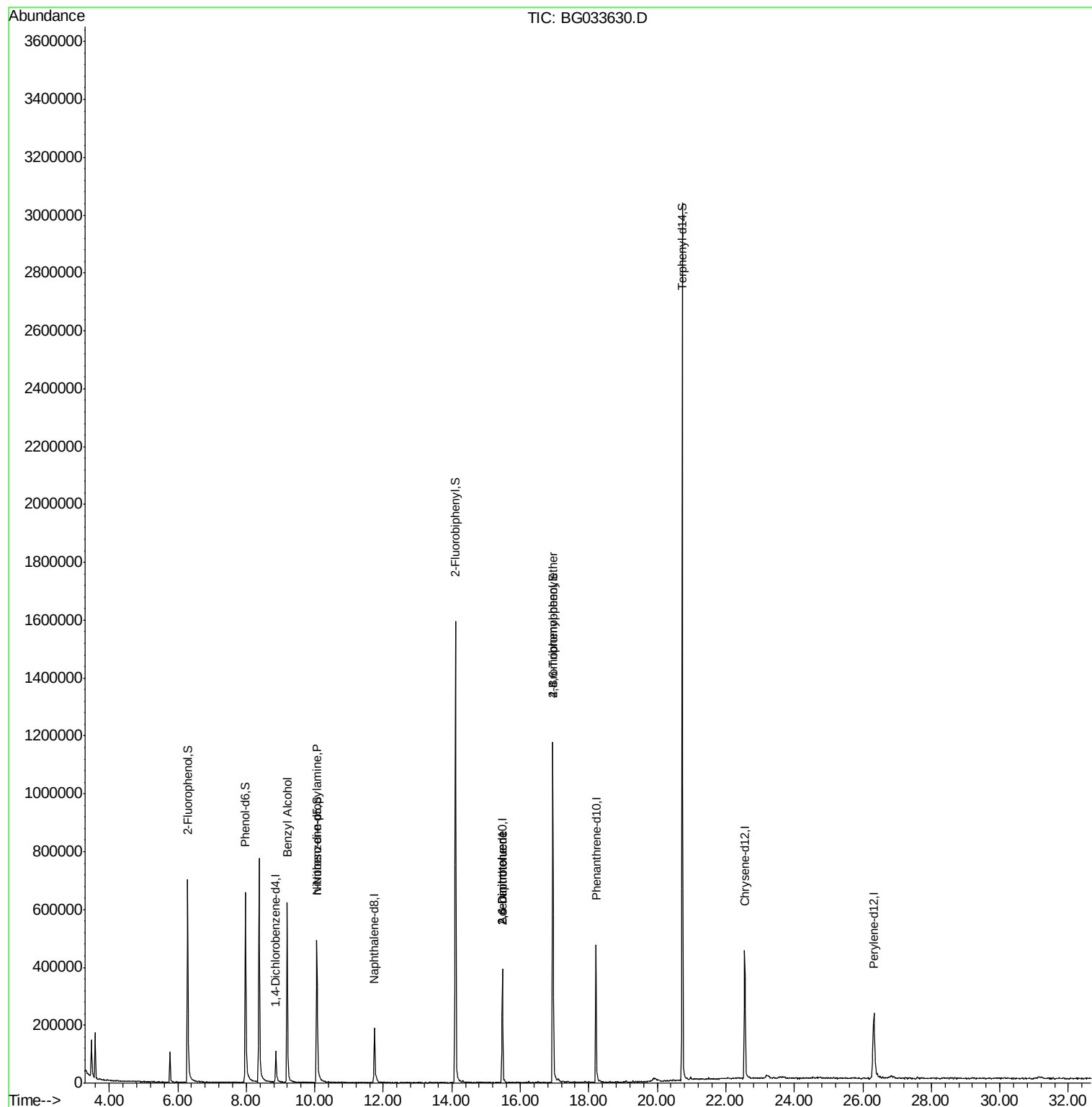
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	39600	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	187223	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	140543	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	339151	20.00	ng	0.00
75) Chrysene-d12	22.56	240	348287	20.00	ng	0.00
86) Perylene-d12	26.32	264	347420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	344119	162.95	ng	0.00
7) Phenol-d6	7.98	99	482347	132.93	ng	0.00
23) Nitrobenzene-d5	10.06	82	380777	93.44	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	235112	111.85	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	934339	95.97	ng	0.00
78) Terphenyl-d14	20.73	244	1542837	94.74	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	6131	2.146	ng	# 21
19) n-Nitroso-di-n-propylamine	10.06	70	53049	19.951	ng	# 80
50) 2,6-Dinitrotoluene	15.48	165	19232	7.690	ng	# 22
56) 2,4-Dinitrotoluene	15.48	165	19232	5.223	ng	# 19
66) 4-Bromophenyl-phenylether	16.95	248	19353	4.859	ng	# 1

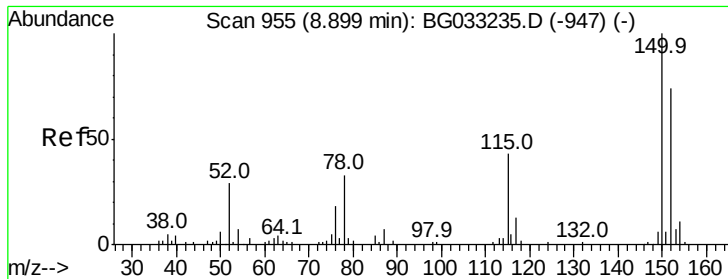
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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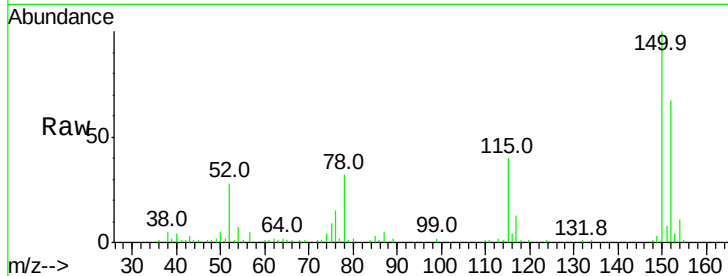


#1

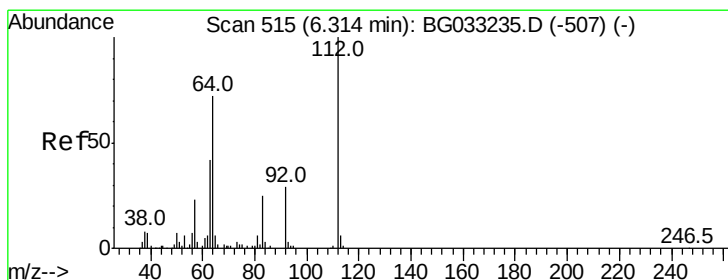
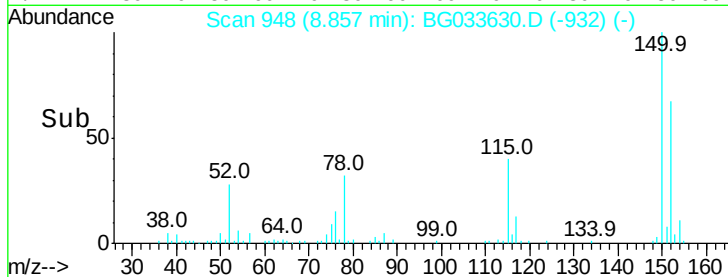
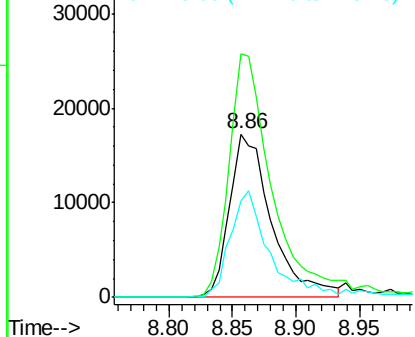
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG033630.D
Acq: 6 Apr 2018 16:18

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.3	126.6	189.8
115	59.2	53.0	79.4



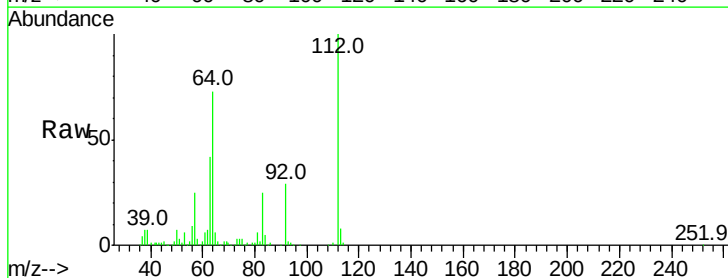
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



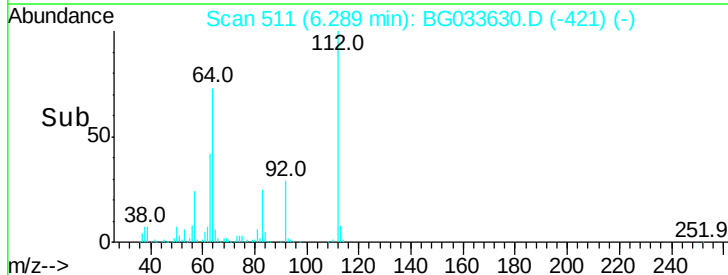
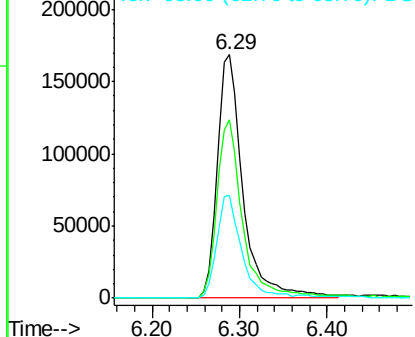
#5

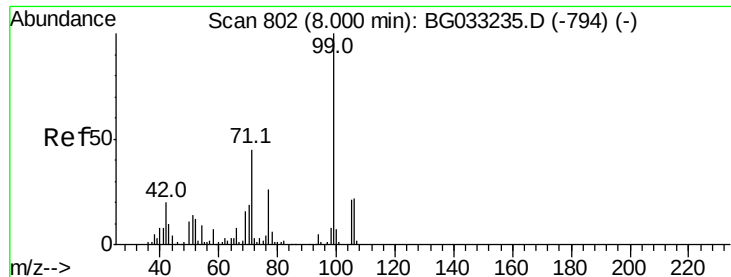
2-Fluorophenol
Concen: 162.946 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033630.D
Acq: 6 Apr 2018 16:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.1	56.3	84.5
63	42.2	30.1	45.1



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





#7

Phenol-d6

Concen: 132.929 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.00 min

Lab File: BG033630.D

Acq: 6 Apr 2018 16:18

Instrument :

BNA_G

ClientSampleId :

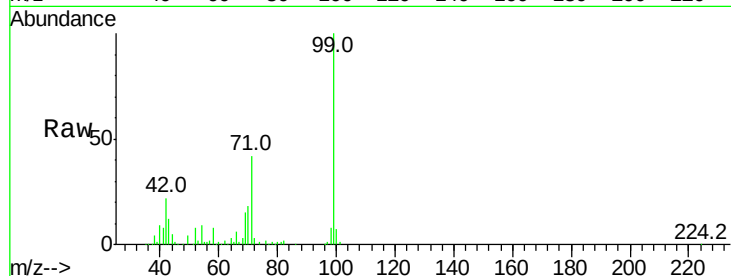
Tot Ion: 99 Resp: 482347

Ion Ratio Lower Upper

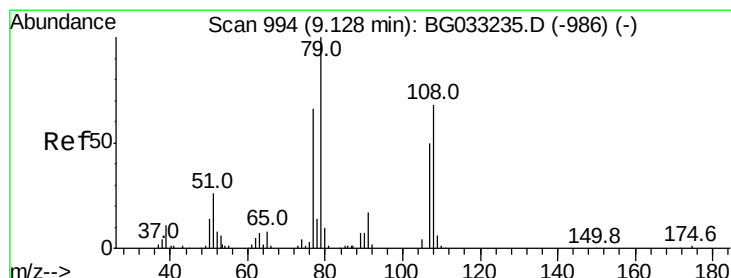
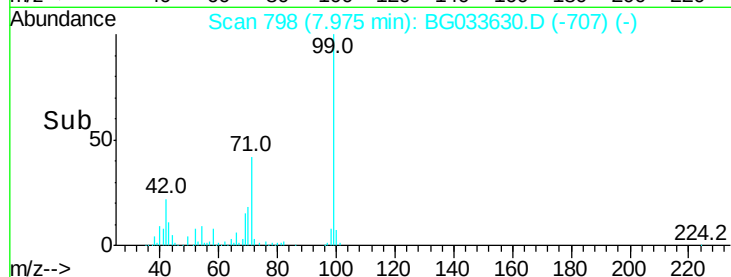
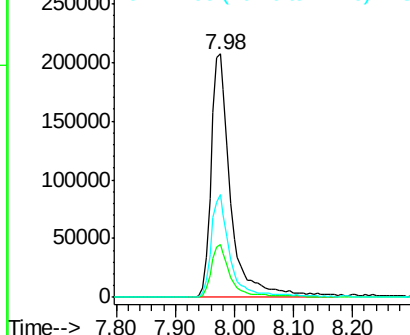
99 100

42 21.6 14.1 21.1#

71 42.3 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



#15

Benzyl Alcohol

Concen: 2.146 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.10 min

Lab File: BG033630.D

Acq: 6 Apr 2018 16:18

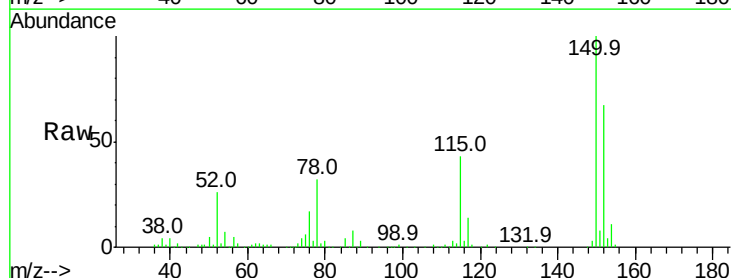
Tgt Ion: 79 Resp: 6131

Ion Ratio Lower Upper

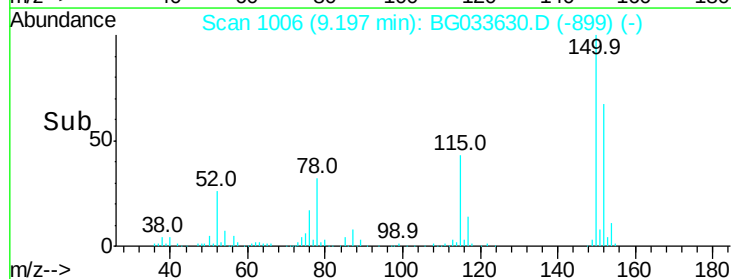
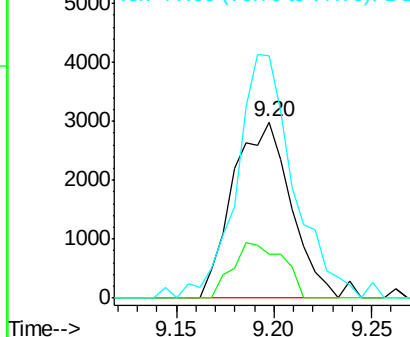
79 100

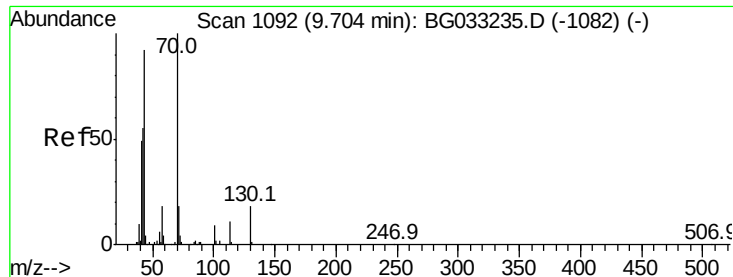
108 24.8 57.2 85.8#

77 137.3 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

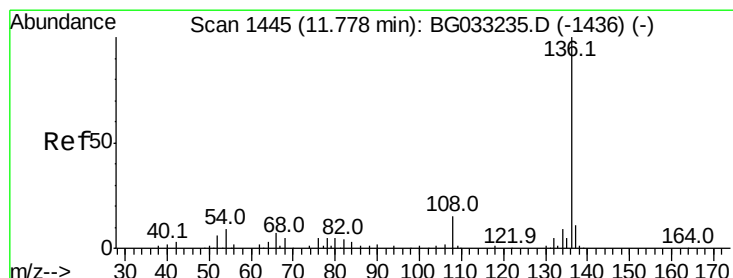
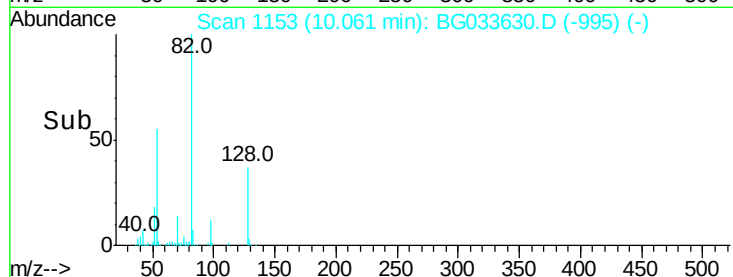
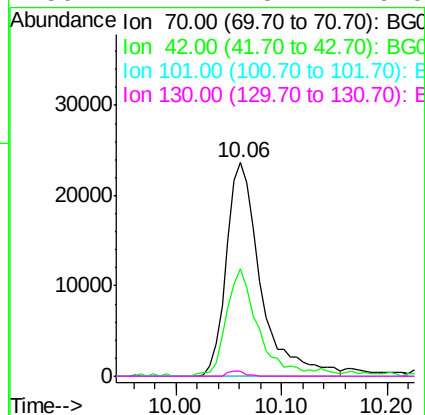
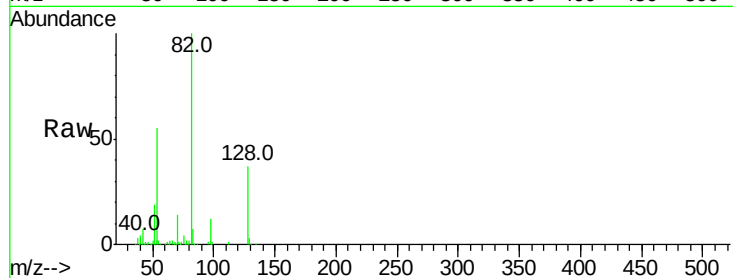




#19
n-Nitroso-di-n-propylamine
Concen: 19.951 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033630.D
Acq: 6 Apr 2018 16:18

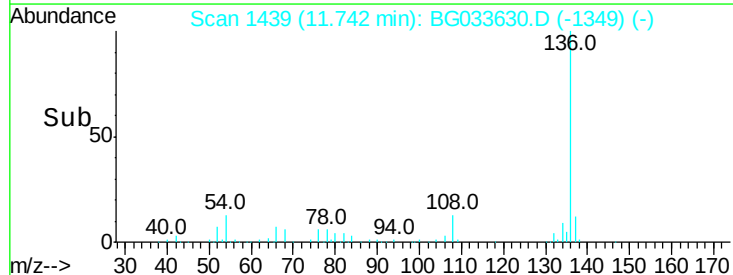
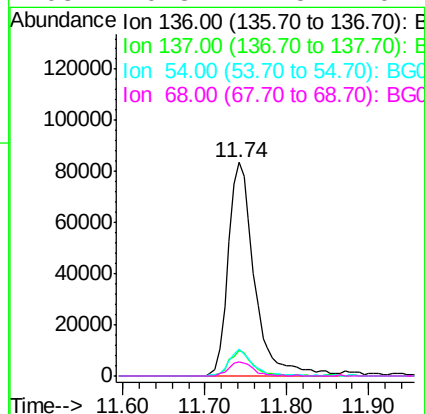
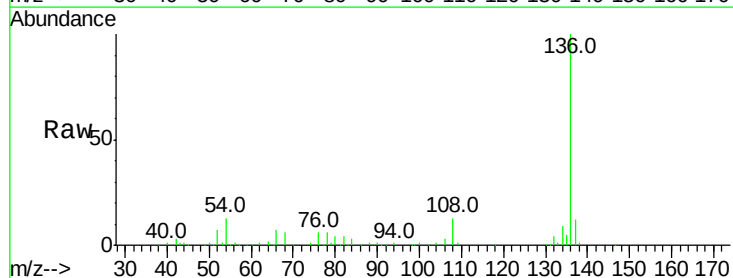
Instrument :
BNA_G
ClientSampleId :

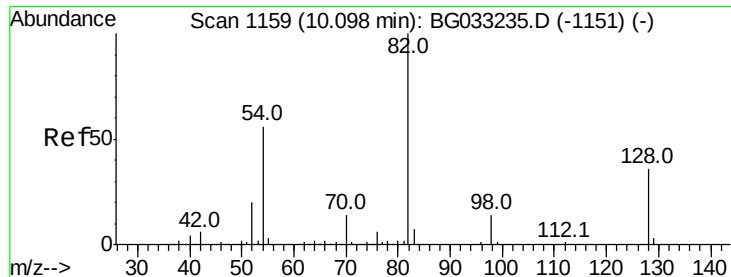
Tot Ion: 70 Resp: 53049
Ion Ratio Lower Upper
70 100
42 50.4 49.1 73.7
101 0.0 8.5 12.7#
130 2.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033630.D
Acq: 6 Apr 2018 16:18

Tgt Ion: 136 Resp: 187223
Ion Ratio Lower Upper
136 100
137 11.7 9.2 13.8
54 12.5 10.3 15.5
68 6.3 4.5 6.7

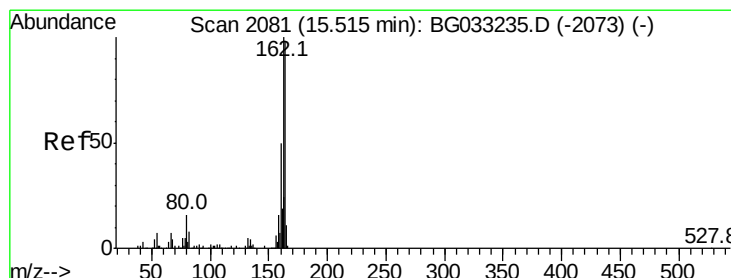
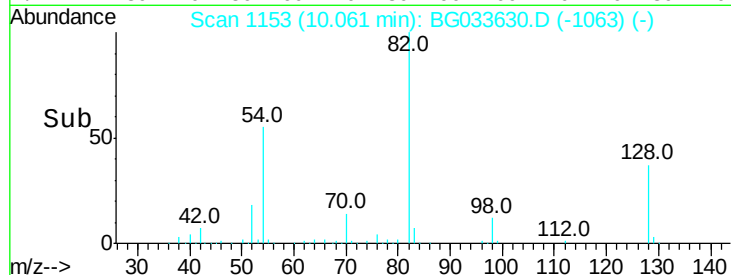
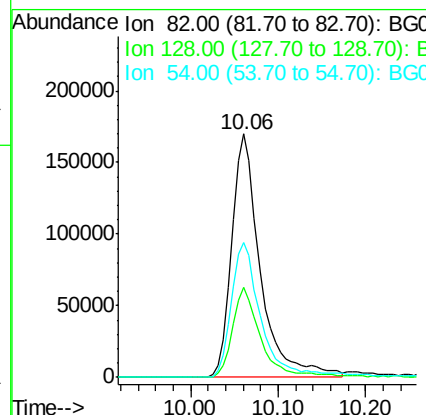
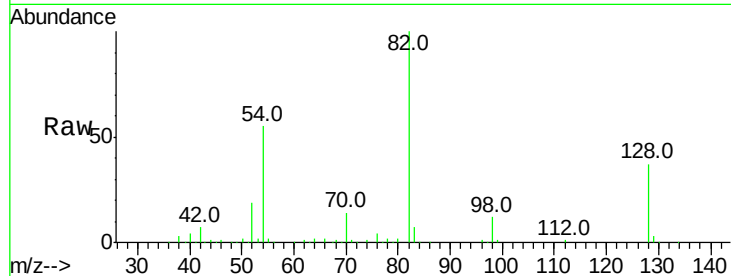




#23
 Nitrobenzene-d5
 Concen: 93.442 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033630.D
 Acq: 6 Apr 2018 16:18

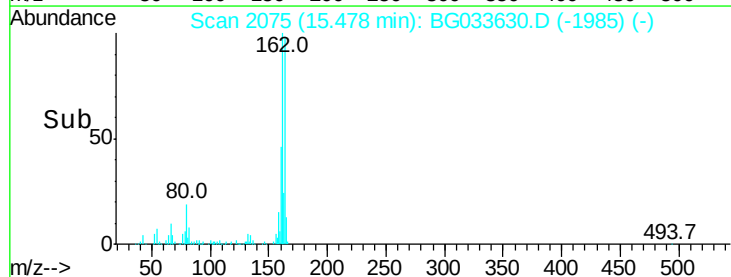
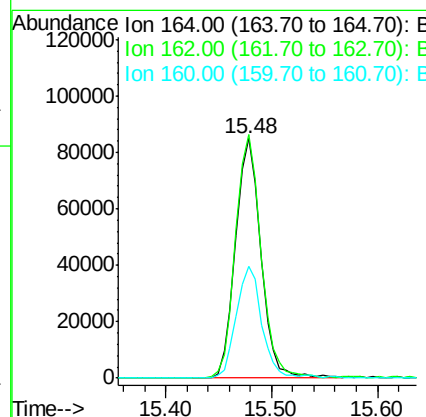
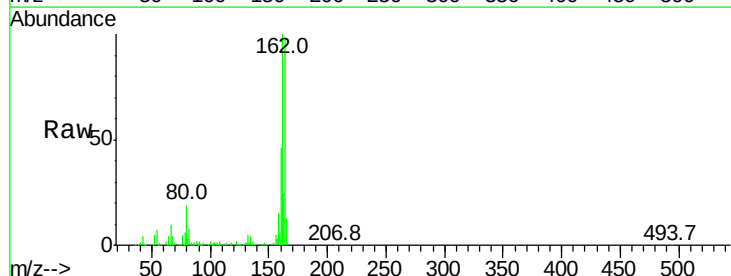
Instrument :
 BNA_G
 ClientSampled :

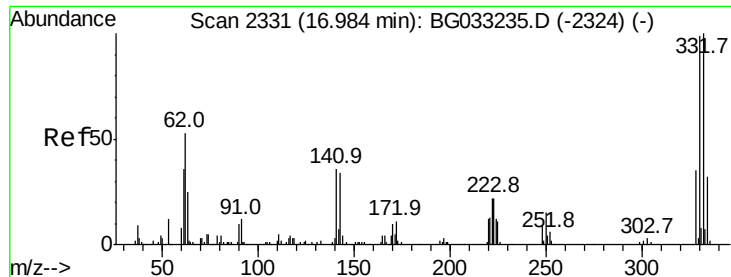
Tot Ion: 82 Resp: 380777
 Ion Ratio Lower Upper
 82 100
 128 37.1 29.7 44.5
 54 55.4 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033630.D
 Acq: 6 Apr 2018 16:18

Tgt Ion: 164 Resp: 140543
 Ion Ratio Lower Upper
 164 100
 162 101.6 78.8 118.2
 160 46.8 35.4 53.0

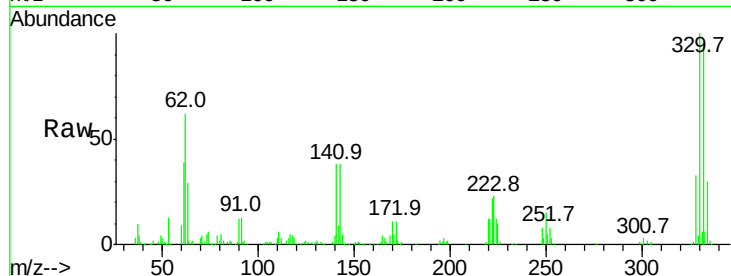




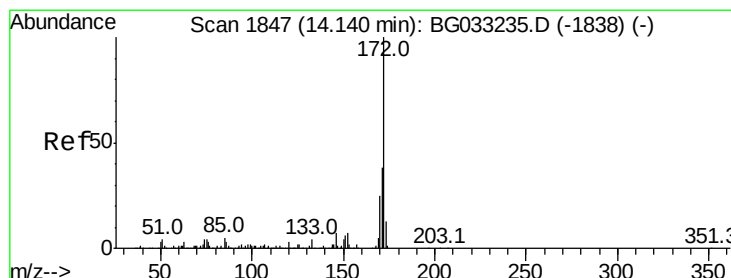
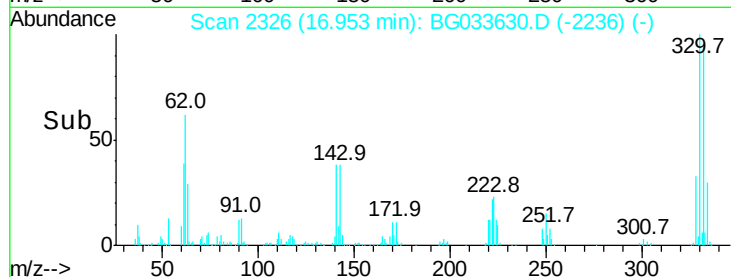
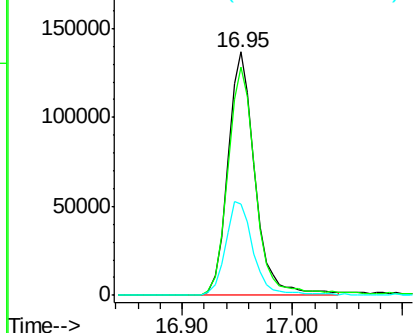
#41
 2,4,6-Tribromophenol
 Concen: 111.852 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033630.D
 Acq: 6 Apr 2018 16:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 235112
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 40.1 25.2 37.8#

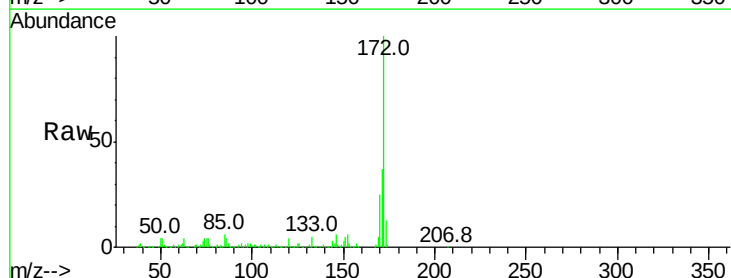


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

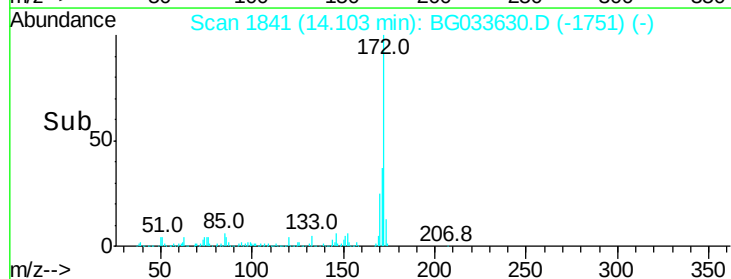
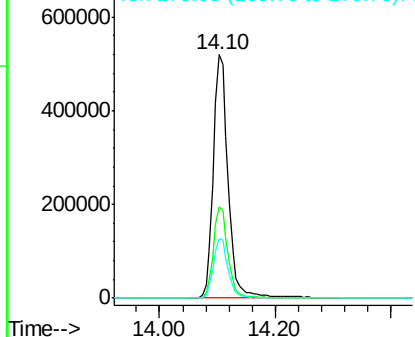


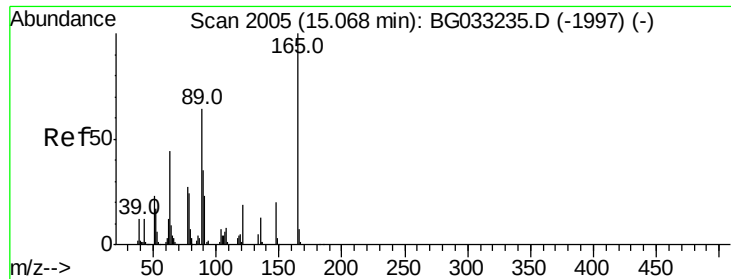
#44
 2-Fluorobiphenyl
 Concen: 95.974 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG033630.D
 Acq: 6 Apr 2018 16:18

Tgt Ion:172 Resp: 934339
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.5 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

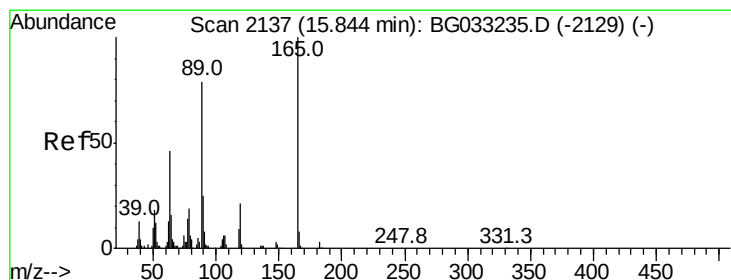
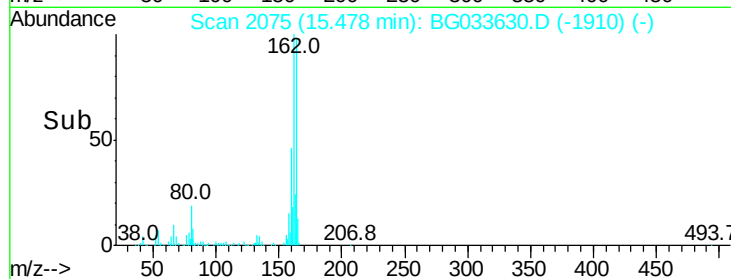
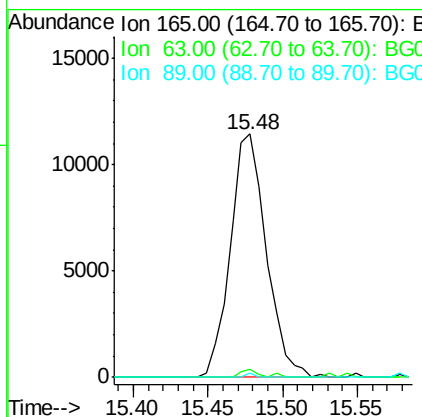
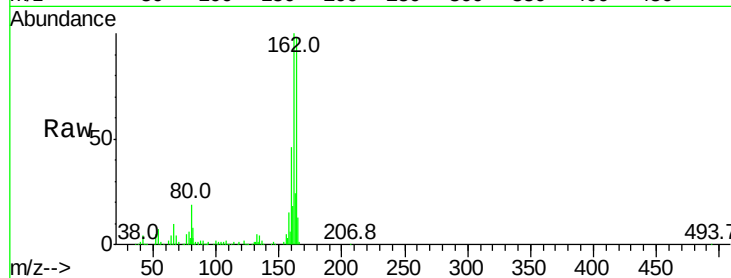




#50
 2,6-Dinitrotoluene
 Concen: 7.690 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033630.D
 Acq: 6 Apr 2018 16:18

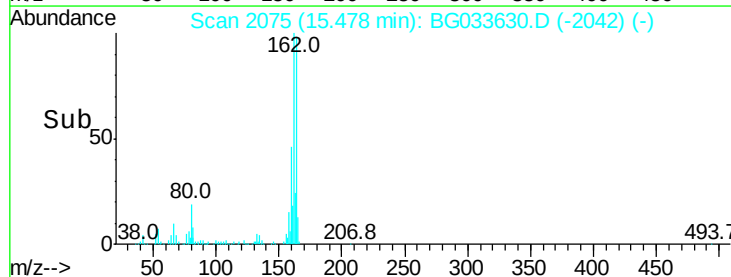
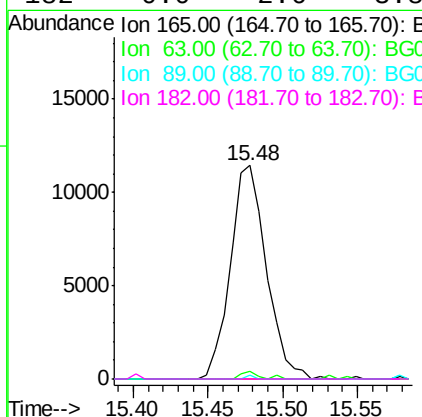
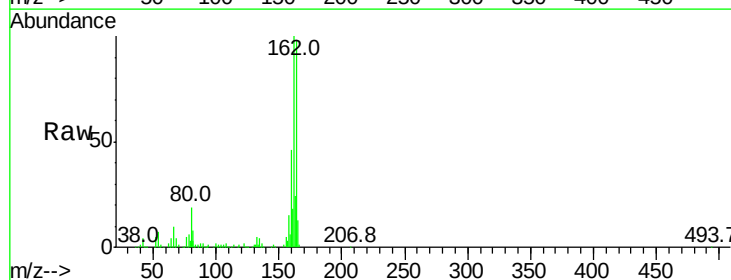
Instrument :
 BNA_G
 ClientSampleId :

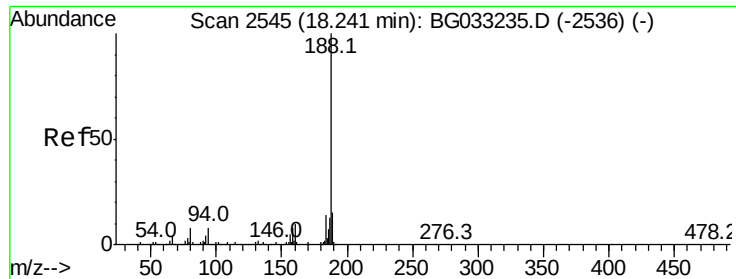
Tot Ion	Ratio	Lower	Upper
165	100		
63	3.4	52.7	79.1#
89	1.7	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 5.223 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033630.D
 Acq: 6 Apr 2018 16:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.4	42.0	63.0#
89	1.7	66.9	100.3#
182	0.0	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033630.D

Acq: 6 Apr 2018 16:18

Instrument :

BNA_G

ClientSampled :

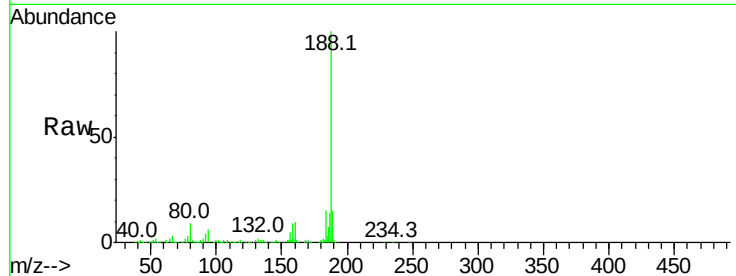
Tot Ion:188 Resp: 339151

Ion Ratio Lower Upper

188 100

94 6.4 6.9 10.3#

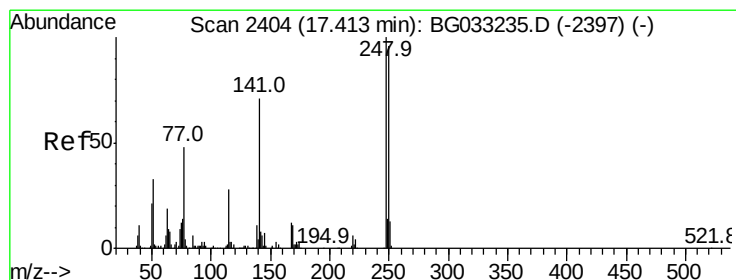
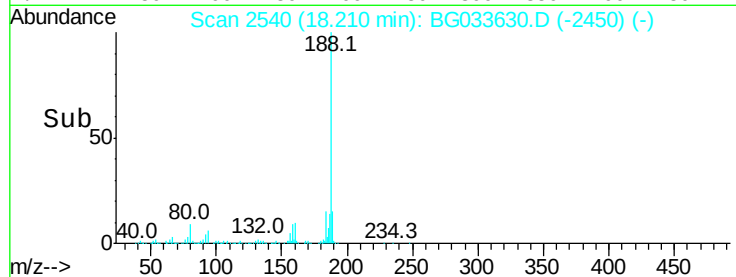
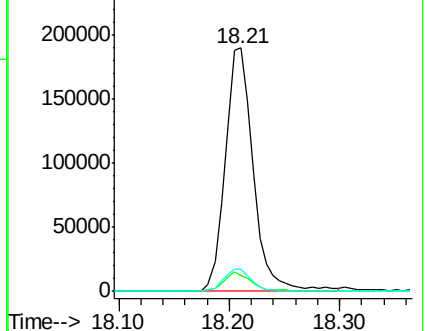
80 9.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

4-Bromophenyl-phenylether

Concen: 4.859 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.44 min

Lab File: BG033630.D

Acq: 6 Apr 2018 16:18

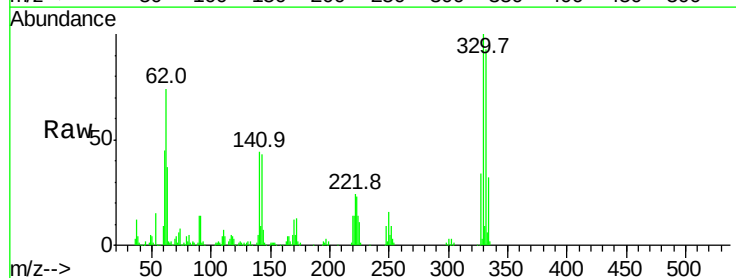
Tgt Ion:248 Resp: 19353

Ion Ratio Lower Upper

248 100

250 176.3 77.1 115.7#

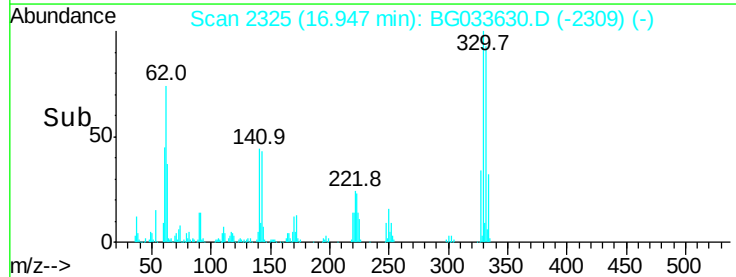
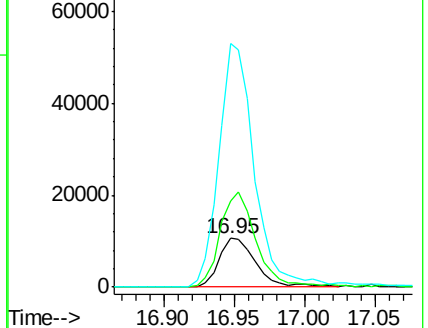
141 499.0 50.8 76.2#

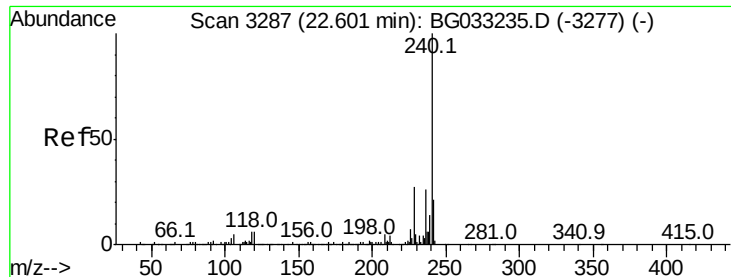


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033630.D

Acq: 6 Apr 2018 16:18

Instrument :

BNA_G

ClientSampleId :

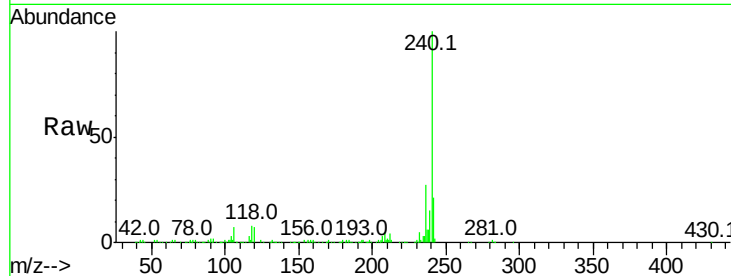
Tot Ion:240 Resp: 348287

Ion Ratio Lower Upper

240 100

120 7.1 6.8 10.2

236 27.3 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

22.56

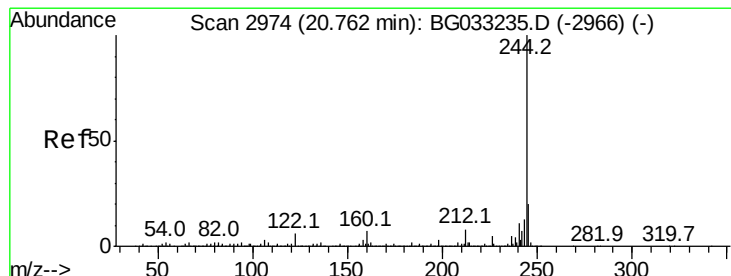
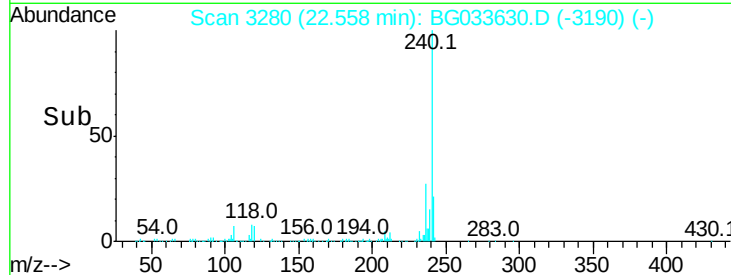
150000

100000

50000

0

Time--> 22.40 22.60 22.80



#78

Terphenyl-d14

Concen: 94.736 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033630.D

Acq: 6 Apr 2018 16:18

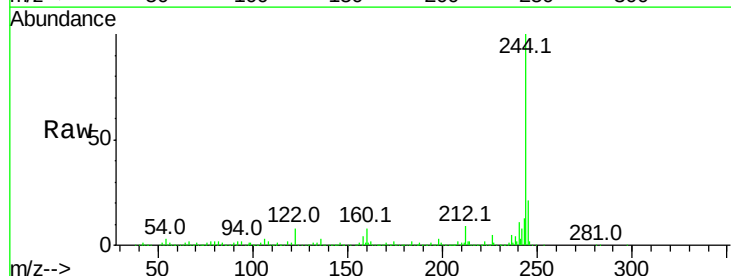
Tgt Ion:244 Resp: 1542837

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

122 7.9 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

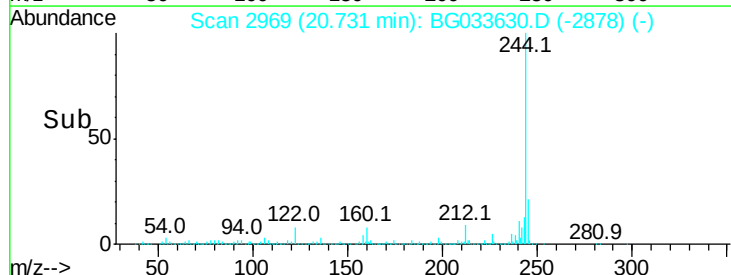
20.73

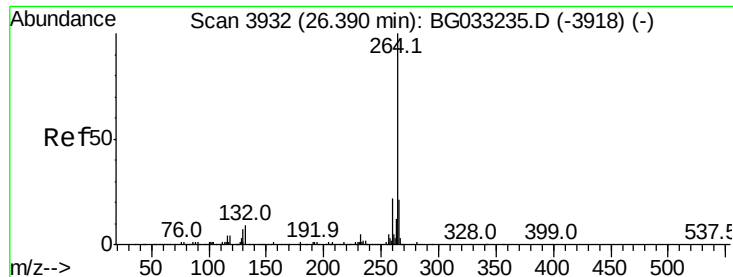
1000000

500000

0

Time--> 20.70 20.80 20.90





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3921
 Delta R.T. 0.00 min
 Lab File: BG033630.D
 Acq: 6 Apr 2018 16:18

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.1	17.7	26.5

