

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033552.D
 Acq On : 4 Apr 2018 9:29
 Operator : SJ/JU
 Sample : J2177-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 10:34:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 14:50:26 2018
 Response via : Initial Calibration

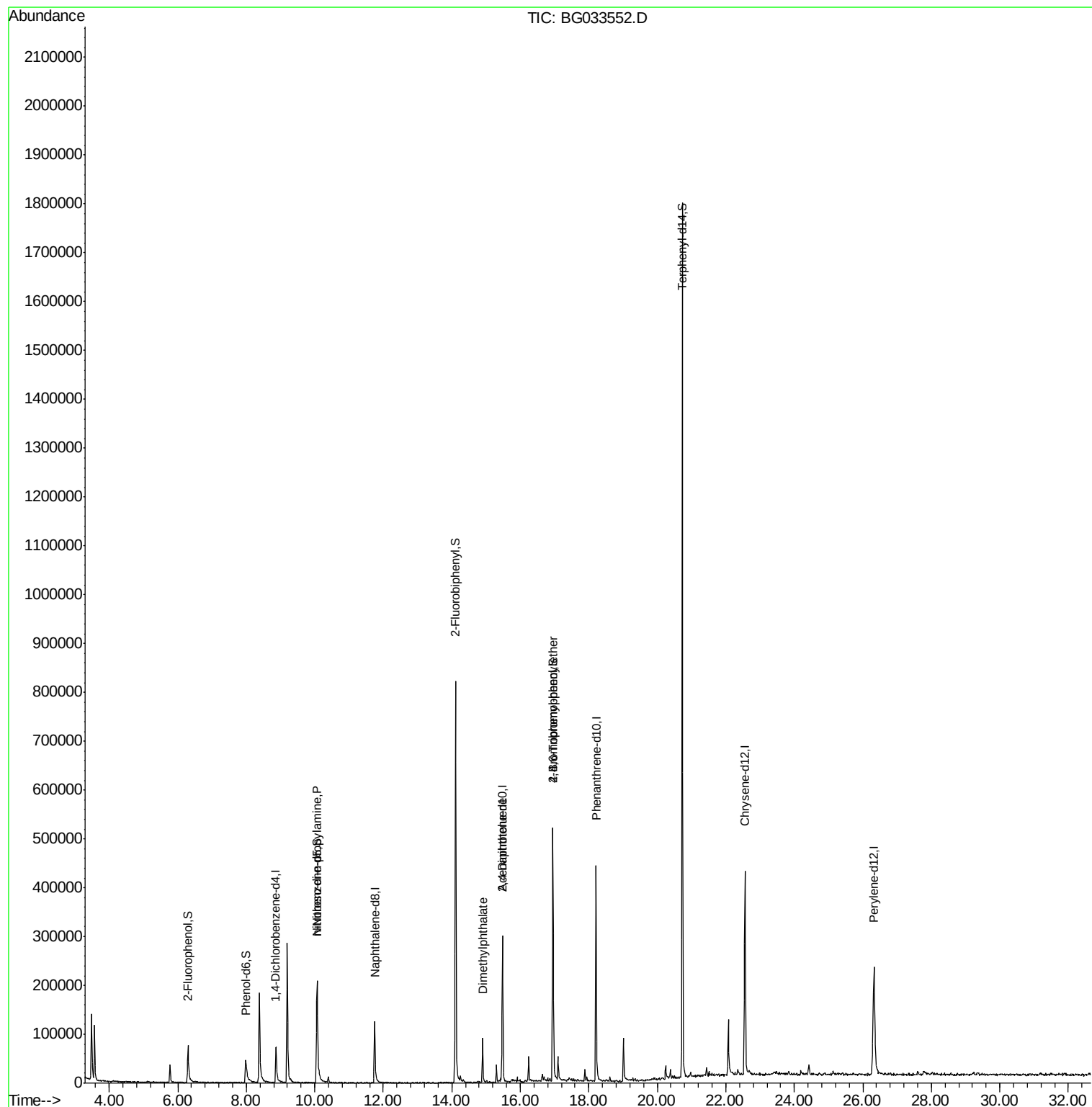
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	28196	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	131335	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	113160	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	310314	20.00	ng	0.00
75) Chrysene-d12	22.56	240	310742	20.00	ng	0.00
86) Perylene-d12	26.33	264	332965	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	47438	31.55	ng	0.00
7) Phenol-d6	7.99	99	49868	19.30	ng	0.00
23) Nitrobenzene-d5	10.06	82	184343	64.49	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	103306	61.04	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	504031	64.30	ng	0.00
78) Terphenyl-d14	20.73	244	905610	62.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	24571	12.979	ng	# 79
49) Dimethylphthalate	14.90	163	60908	6.185	ng	# 99
56) 2,4-Dinitrotoluene	15.48	165	14334	4.835	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	8111	2.226	ng	# 1

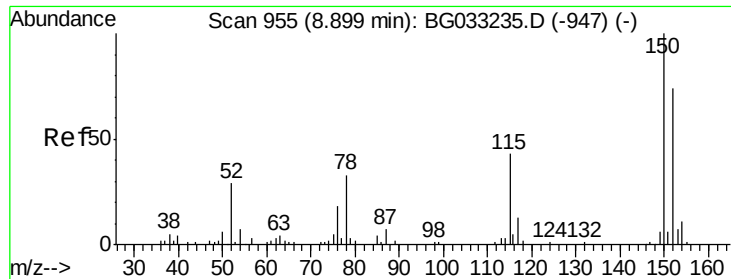
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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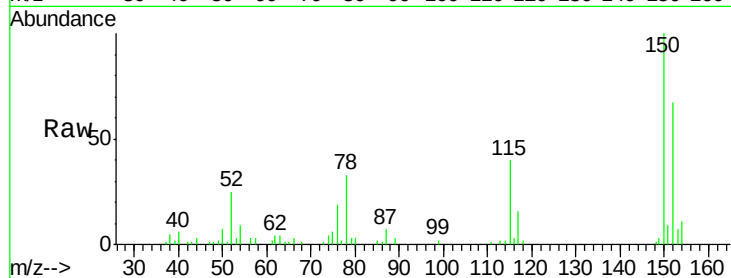




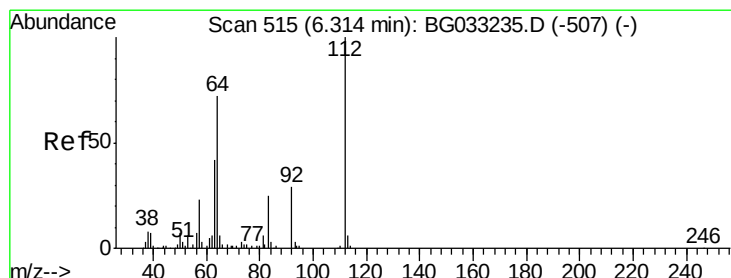
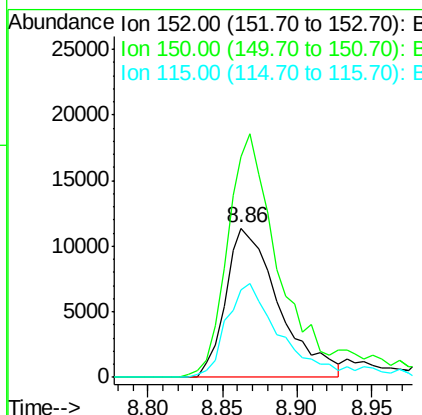
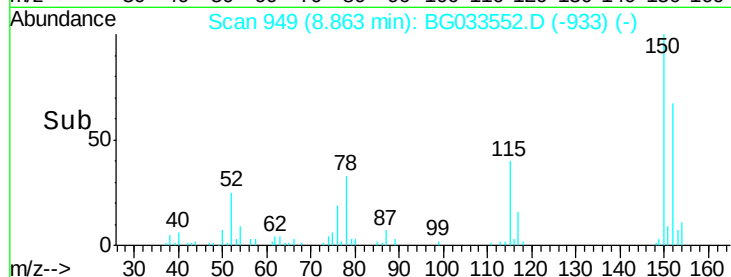
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.01 min
 Lab File: BG033552.D
 Acq: 4 Apr 2018 9:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	126.6	189.8
115	58.7	53.0	79.4

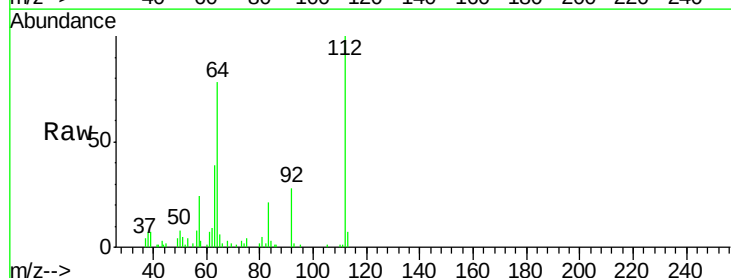


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

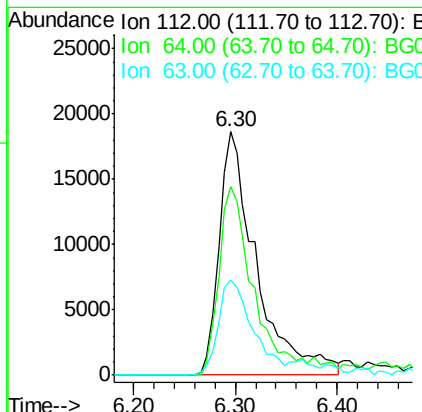
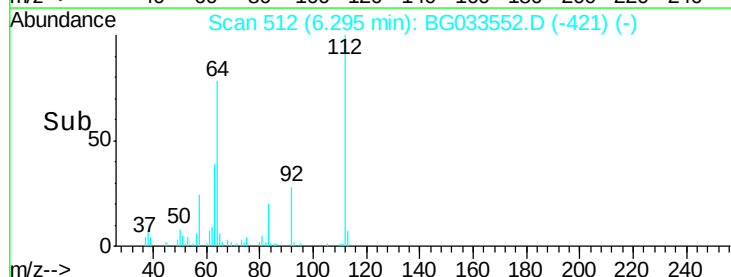


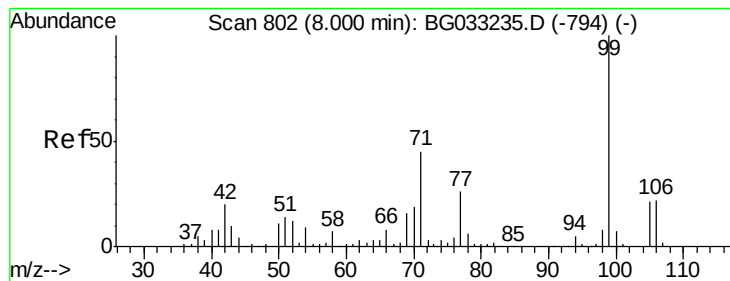
#5
 2-Fluorophenol
 Concen: 31.548 ng
 RT: 6.30 min Scan# 512
 Delta R.T. 0.01 min
 Lab File: BG033552.D
 Acq: 4 Apr 2018 9:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	77.5	56.3	84.5
63	39.1	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: 19.301 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033552.D

Acq: 4 Apr 2018 9:29

Instrument :

BNA_G

ClientSampled :

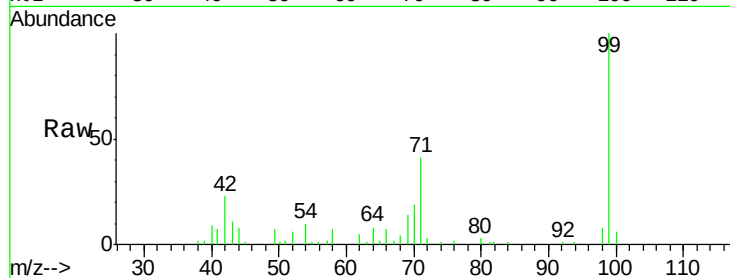
Tot Ion: 99 Resp: 49868

Ion Ratio Lower Upper

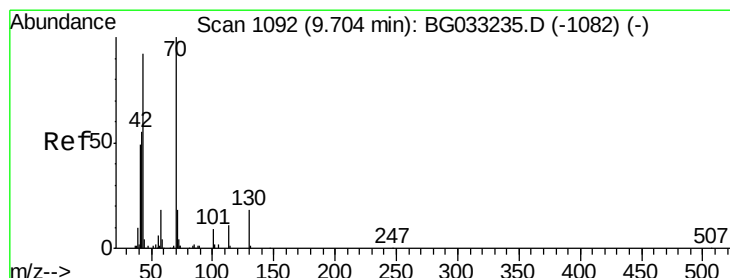
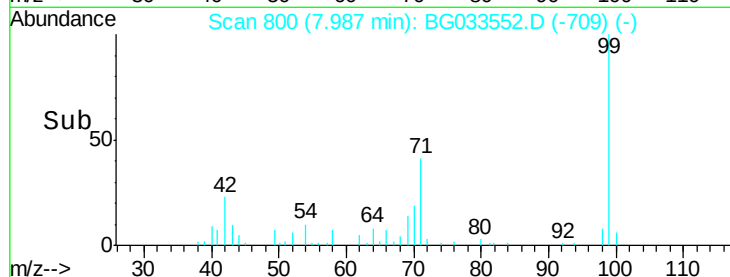
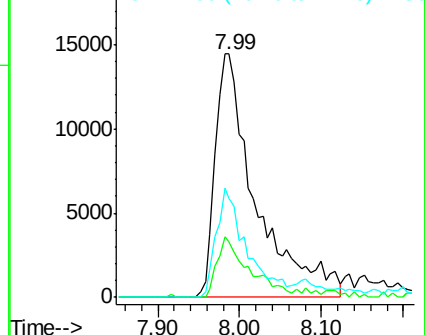
99 100

42 23.0 14.1 21.1#

71 40.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 12.979 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.39 min

Lab File: BG033552.D

Acq: 4 Apr 2018 9:29

Tgt Ion: 70 Resp: 24571

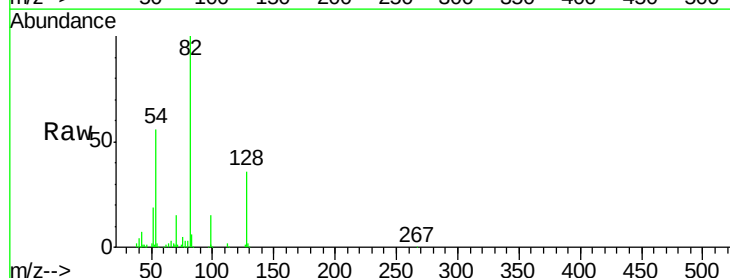
Ion Ratio Lower Upper

70 100

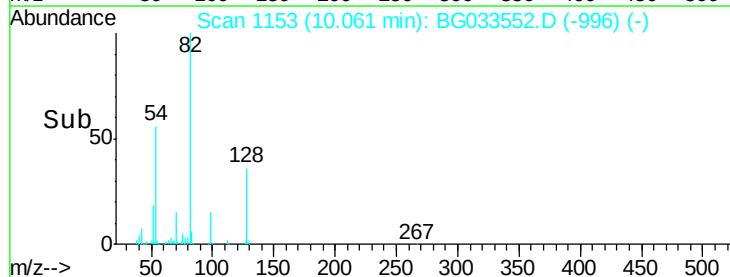
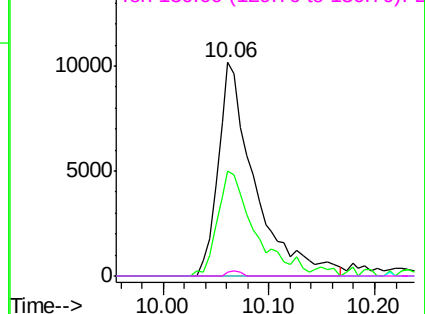
42 49.2 49.1 73.7

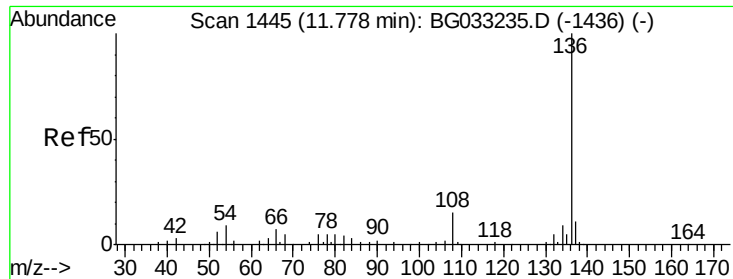
101 0.0 8.5 12.7#

130 1.9 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

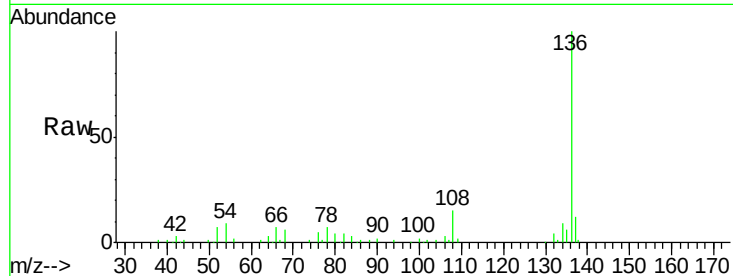




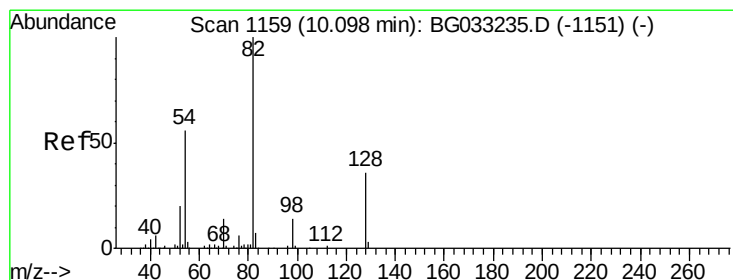
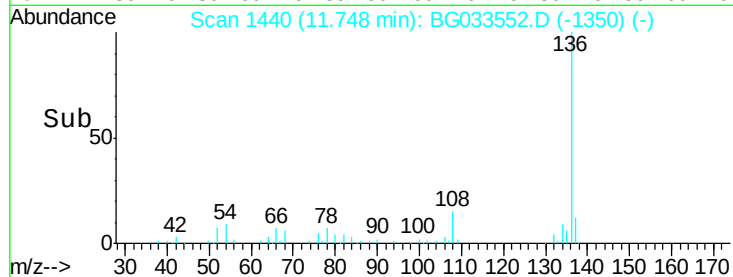
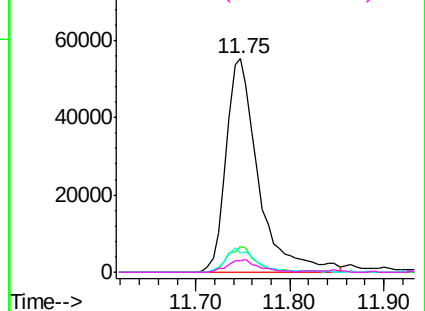
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.00 min
Lab File: BG033552.D
Acq: 4 Apr 2018 9:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	131335
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.2 13.8
54	9.2	10.3 15.5#
68	5.7	4.5 6.7

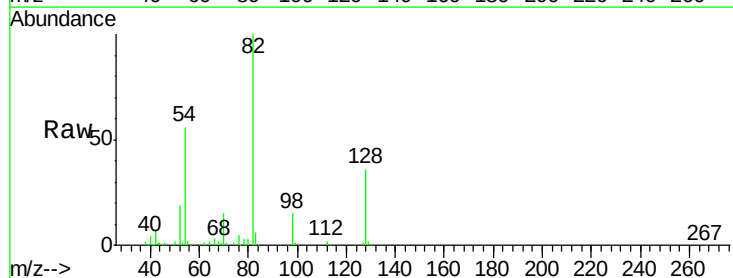


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

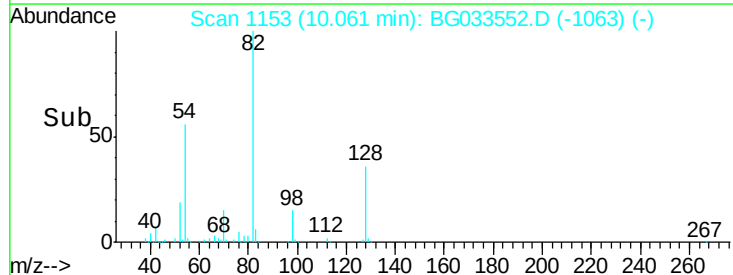
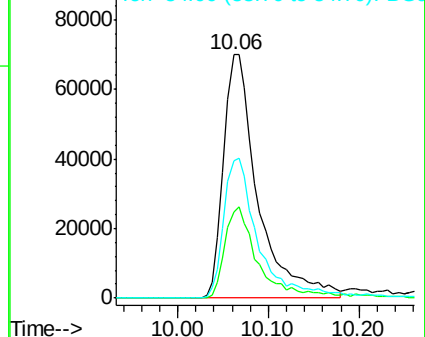


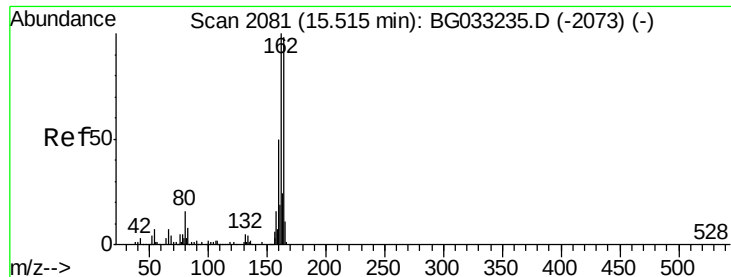
#23
Nitrobenzene-d5
Concen: 64.488 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033552.D
Acq: 4 Apr 2018 9:29

Tgt Ion: 82	Resp:	184343
Ion Ratio	Lower	Upper
82	100	
128	35.6	29.7 44.5
54	56.2	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# 2075

Delta R.T. -0.00 min

Lab File: BG033552.D

Acq: 4 Apr 2018 9:29

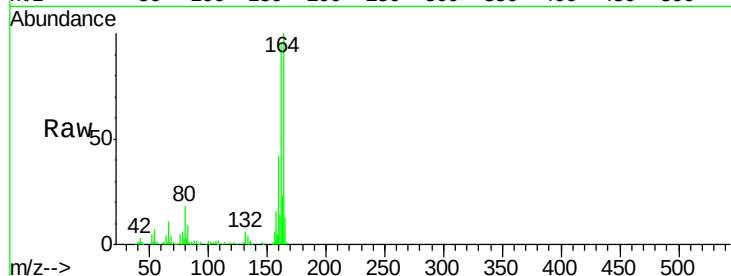
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 113160

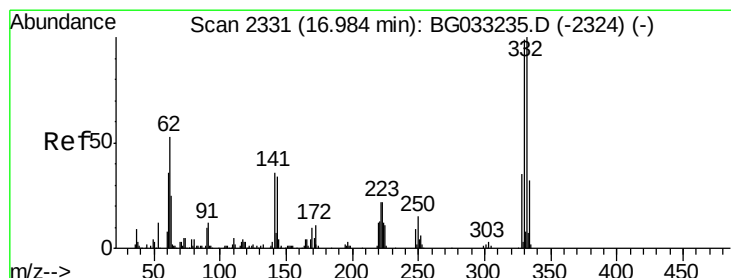
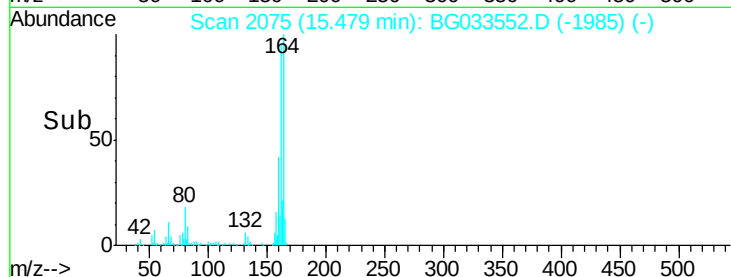
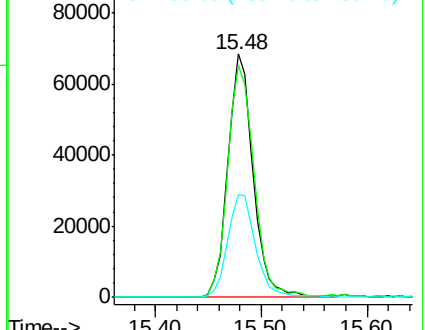
Ion	Ratio	Lower	Upper
164	100		
162	95.3	78.8	118.2
160	42.1	35.4	53.0



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: 61.040 ng

RT: 16.95 min Scan# 2326

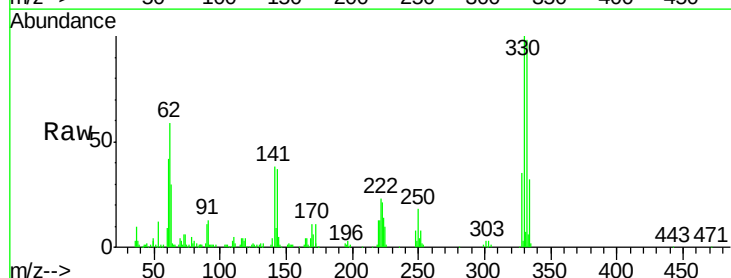
Delta R.T. -0.00 min

Lab File: BG033552.D

Acq: 4 Apr 2018 9:29

Tgt Ion:330 Resp: 103306

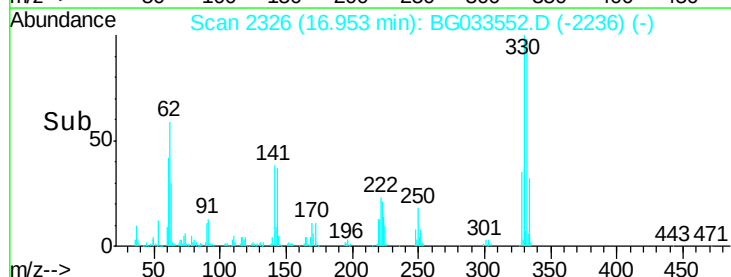
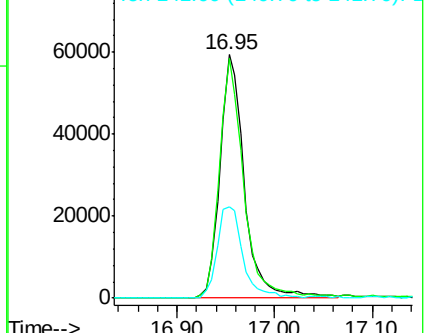
Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	39.9	25.2	37.8

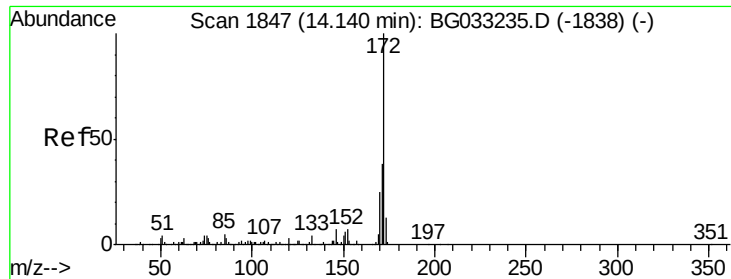


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

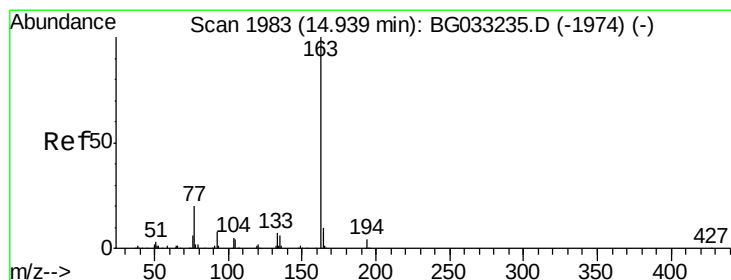
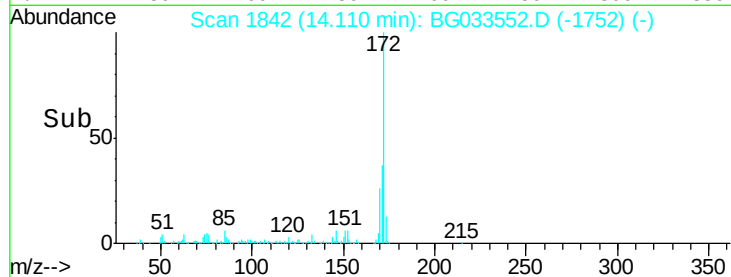
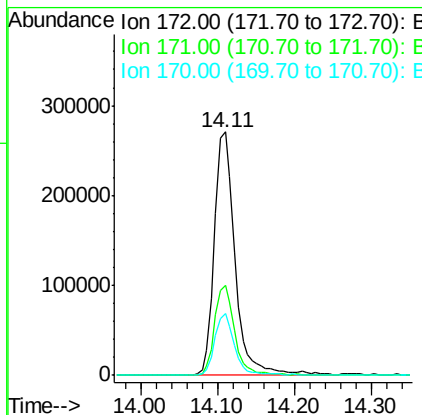
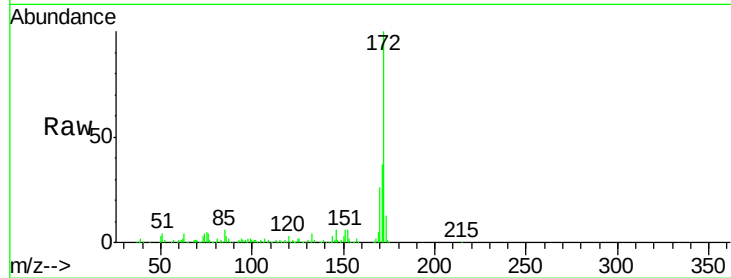




#44
2-Fluorobiphenyl
Concen: 64.302 ng
RT: 14.11 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BG033552.D
Acq: 4 Apr 2018 9:29

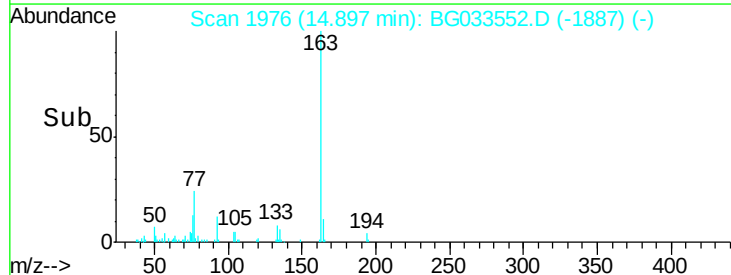
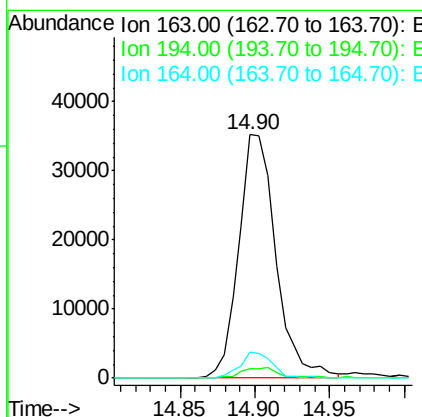
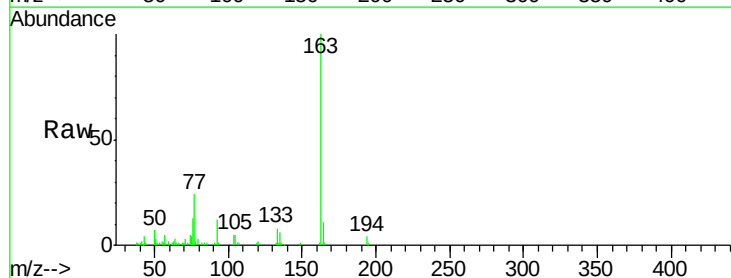
Instrument :
BNA_G
ClientSampleId :

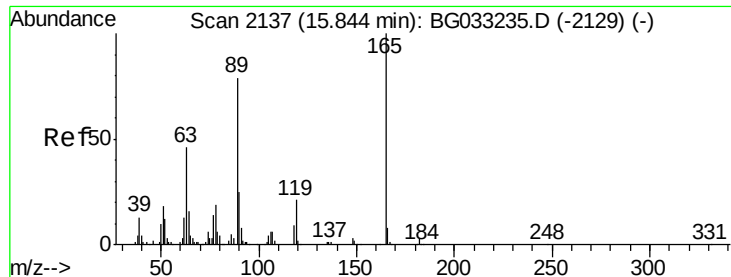
Tot Ion:172 Resp: 504031
Ion Ratio Lower Upper
172 100
171 37.1 30.0 45.0
170 25.6 19.5 29.3



#49
Dimethylphthalate
Concen: 6.185 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033552.D
Acq: 4 Apr 2018 9:29

Tgt Ion:163 Resp: 60908
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.6 8.2 12.4

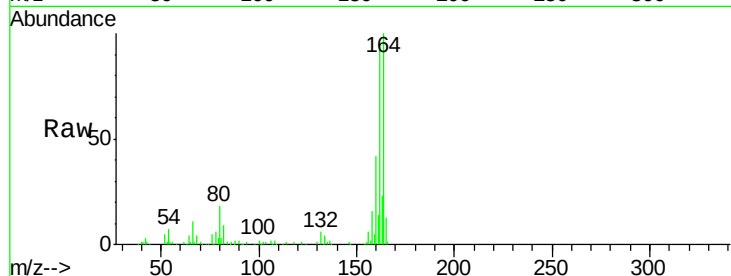




#56
 2,4-Dinitrotoluene
 Concen: 4.835 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033552.D
 Acq: 4 Apr 2018 9:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.3	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

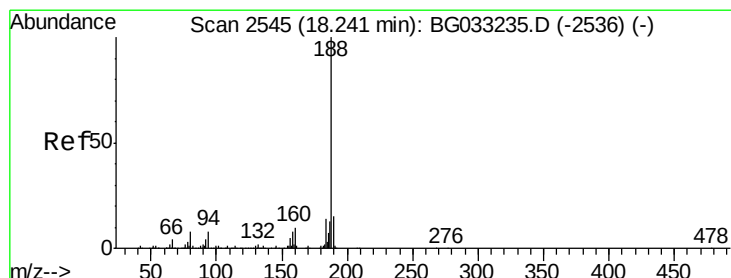
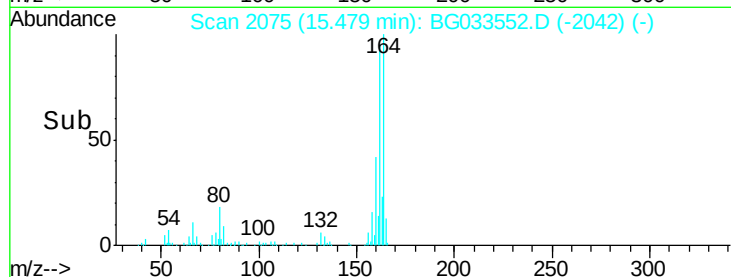
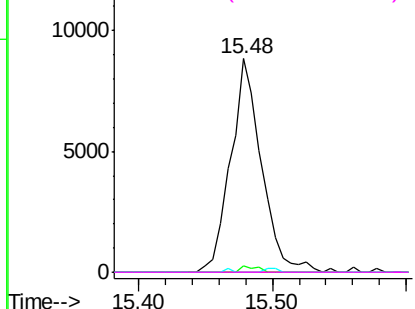


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

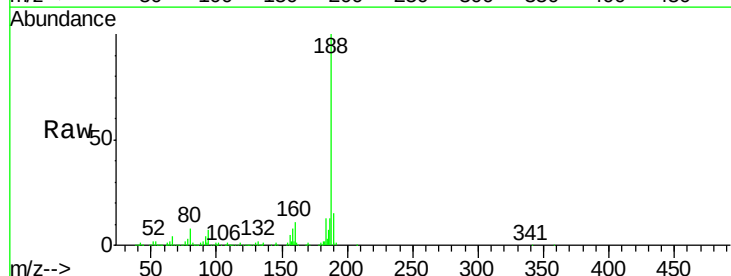
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.00 min
 Lab File: BG033552.D
 Acq: 4 Apr 2018 9:29

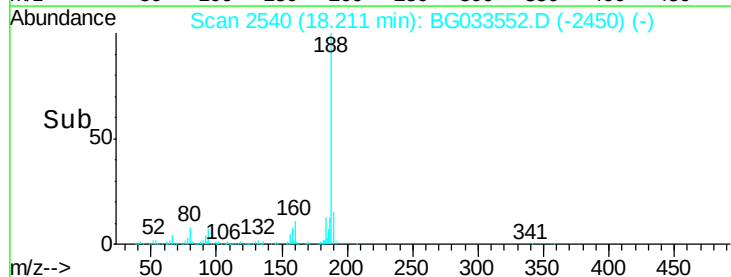
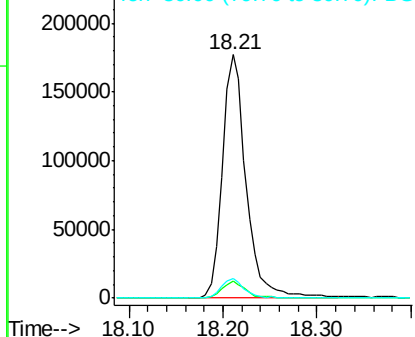
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.8	6.9	10.3#
80	7.9	7.7	11.5

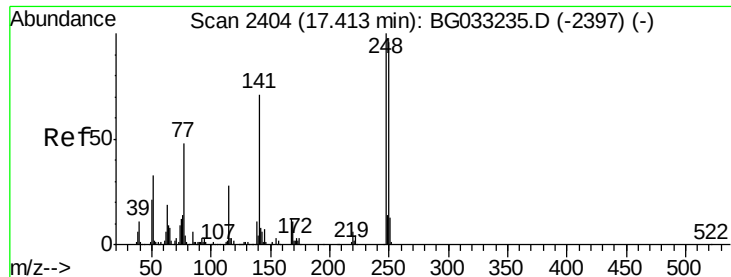


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

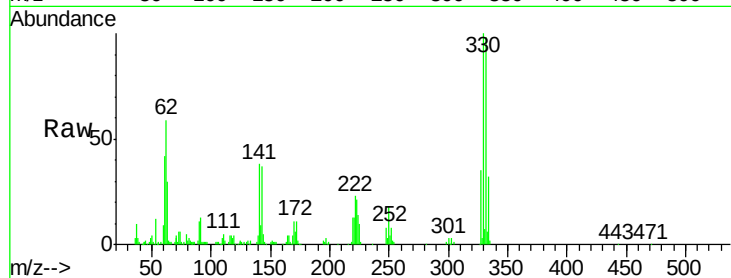




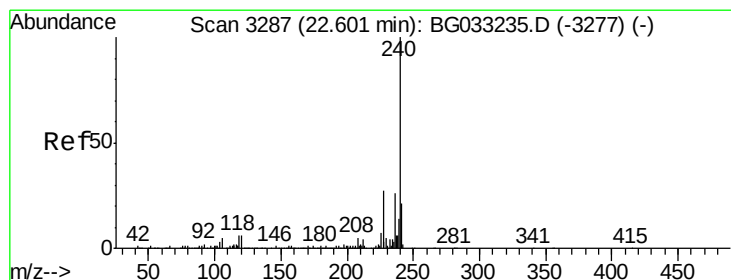
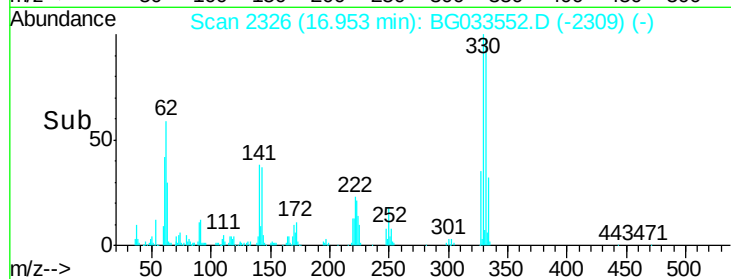
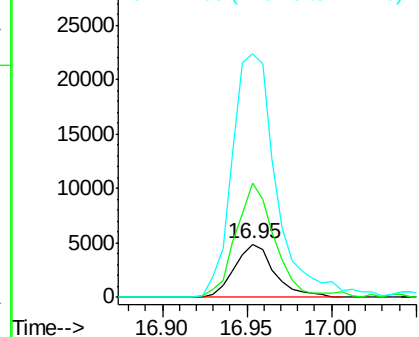
#66
 4-Bromophenyl-phenylether
 Concen: 2.226 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.43 min
 Lab File: BG033552.D
 Acq: 4 Apr 2018 9:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 8111
 Ion Ratio Lower Upper
 248 100
 250 266.3 77.1 115.7#
 141 460.0 50.8 76.2#

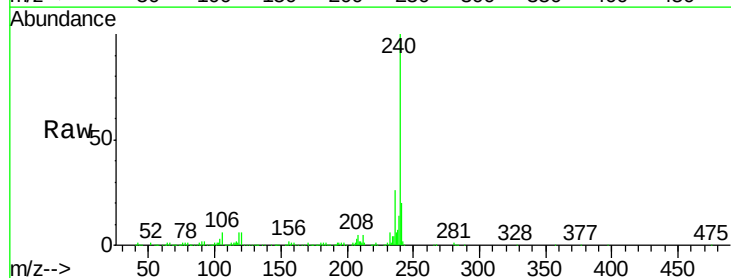


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

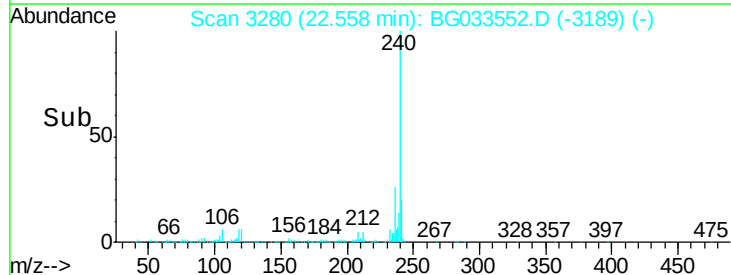
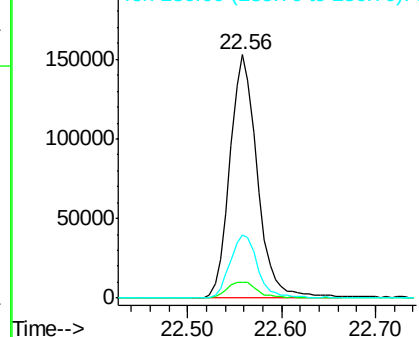


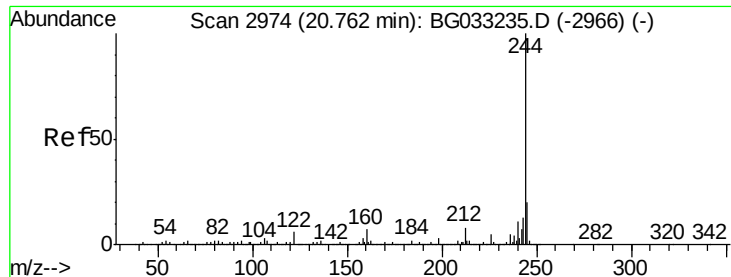
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.56 min Scan# 3280
 Delta R.T. 0.01 min
 Lab File: BG033552.D
 Acq: 4 Apr 2018 9:29

Tgt Ion:240 Resp: 310742
 Ion Ratio Lower Upper
 240 100
 120 6.3 6.8 10.2#
 236 25.8 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





#78

Terphenyl-d14

Concen: 62.326 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033552.D

Acq: 4 Apr 2018 9:29

Instrument :

BNA_G

ClientSampleId :

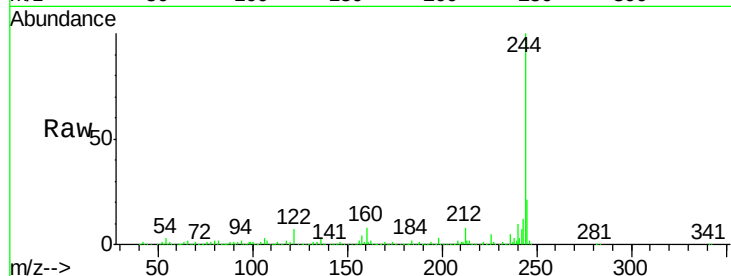
Tot Ion:244 Resp: 905610

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

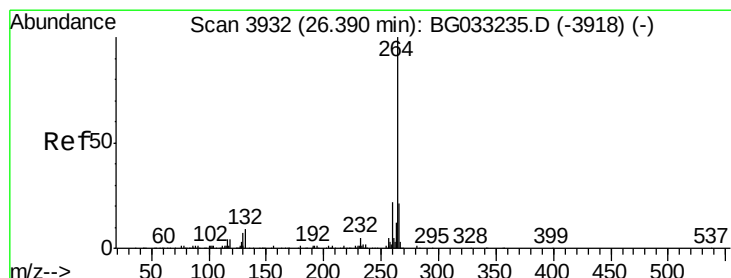
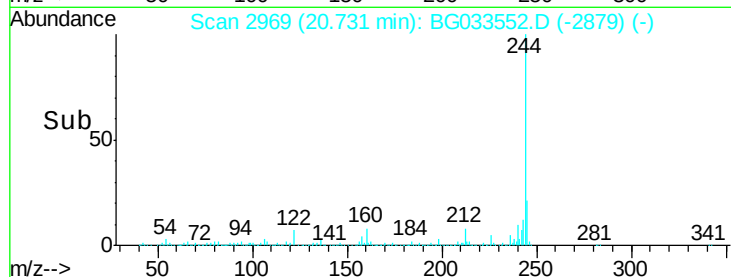
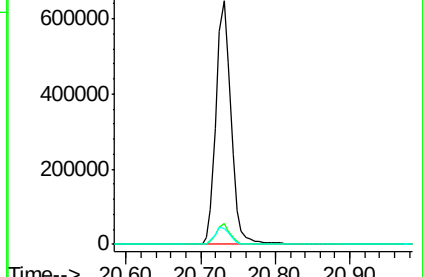
122 6.6 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.33 min Scan# 3922

Delta R.T. 0.01 min

Lab File: BG033552.D

Acq: 4 Apr 2018 9:29

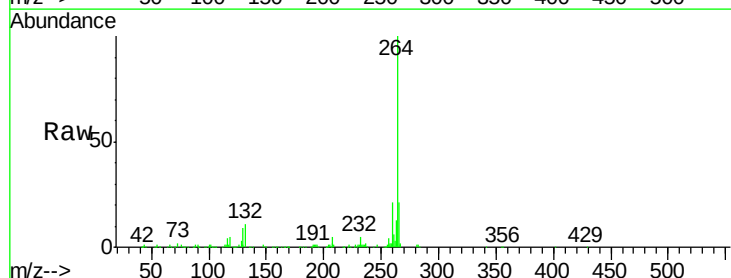
Tgt Ion:264 Resp: 332965

Ion Ratio Lower Upper

264 100

260 21.3 17.4 26.0

265 20.7 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

