

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033644.D
 Acq On : 7 Apr 2018 1:05
 Operator : SJ/JU
 Sample : PB108056TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 03:24:58 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

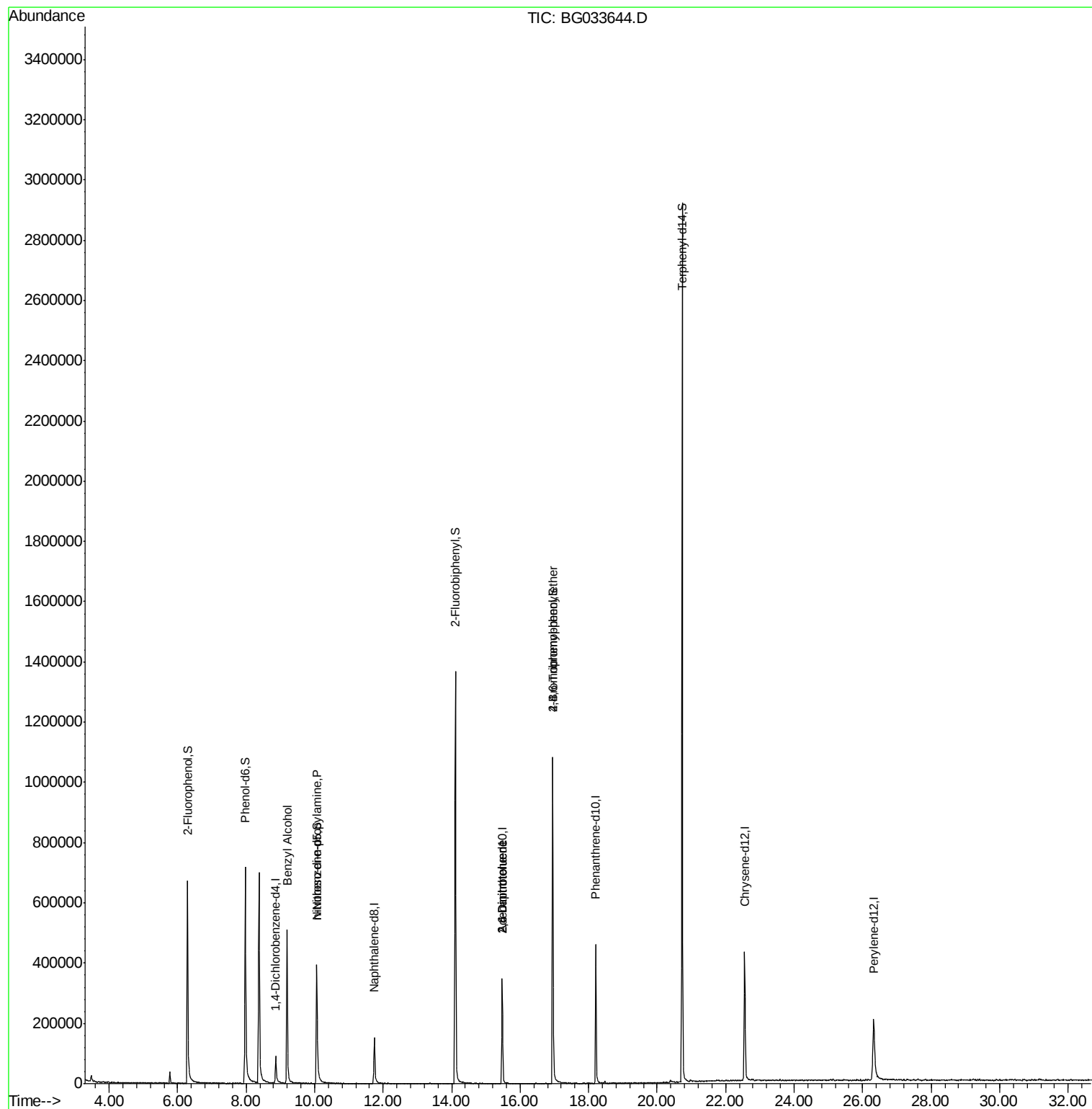
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	35087	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	153122	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	126761	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	322716	20.00	ng	0.00
75) Chrysene-d12	22.56	240	319881	20.00	ng	0.00
86) Perylene-d12	26.32	264	305126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	329330	176.00	ng	0.00
7) Phenol-d6	7.97	99	511151	158.99	ng	0.00
23) Nitrobenzene-d5	10.06	82	319677	95.92	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	203352	107.26	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	799193	91.02	ng	0.00
78) Terphenyl-d14	20.73	244	1424740	95.25	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5459	2.157	ng	# 38
19) n-Nitroso-di-n-propylamine	10.06	70	43198	18.336	ng	# 73
50) 2,6-Dinitrotoluene	15.48	165	17298	7.669	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	17299	5.209	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	15947	4.208	ng	# 1

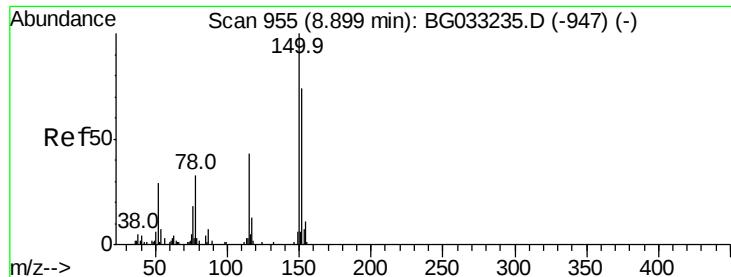
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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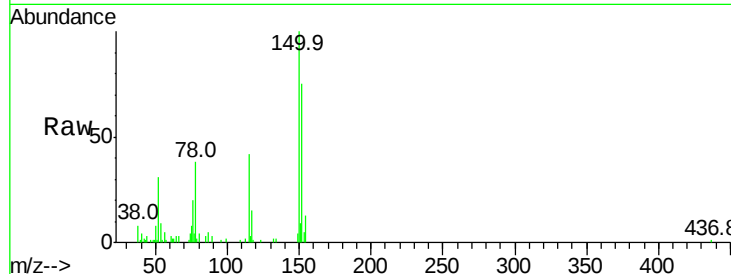


#1

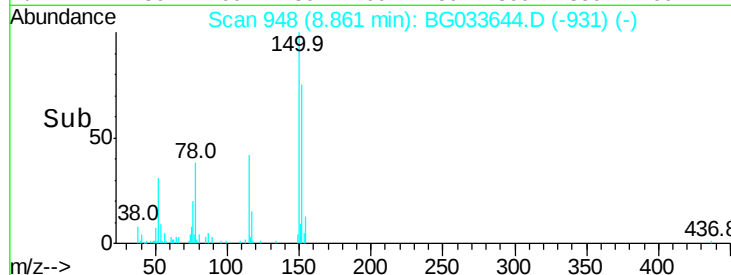
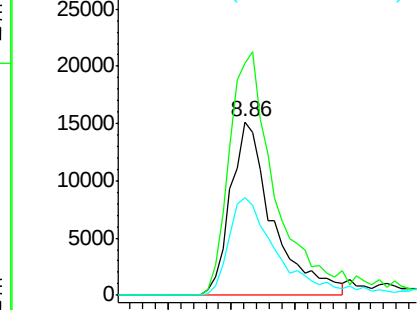
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033644.D
Acq: 7 Apr 2018 1:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	133.8	126.6	189.8
115	56.3	53.0	79.4



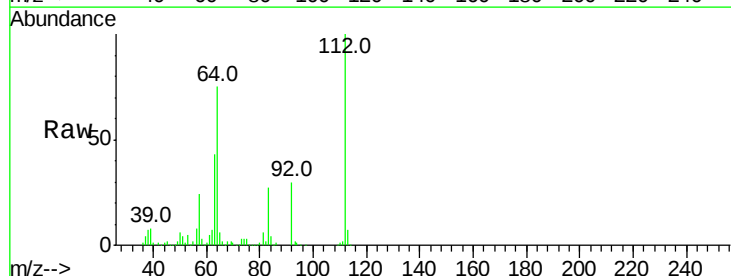
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



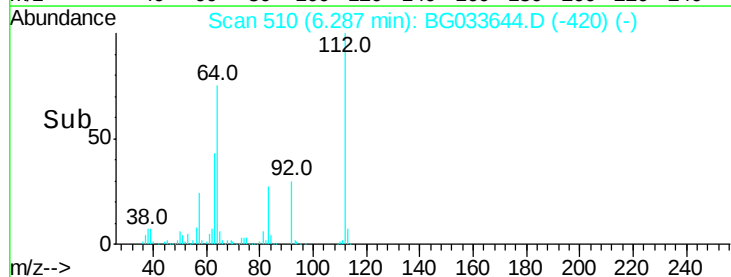
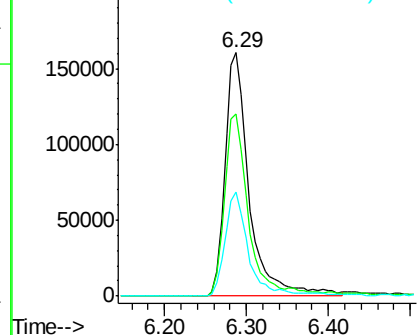
#5

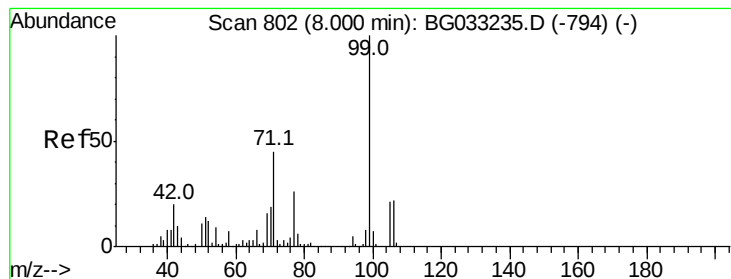
2-Fluorophenol
Concen: 176.001 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033644.D
Acq: 7 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.9	56.3	84.5
63	42.6	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: 158.985 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033644.D

Acq: 7 Apr 2018 1:05

Instrument :

BNA_G

ClientSampleId :

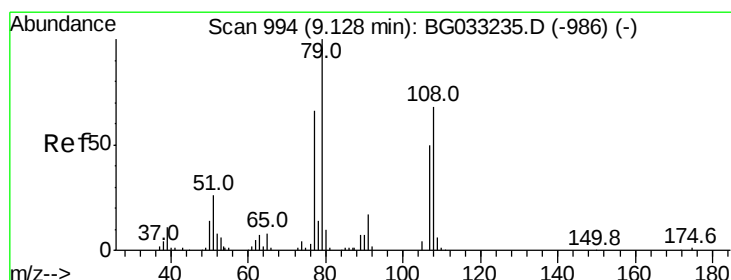
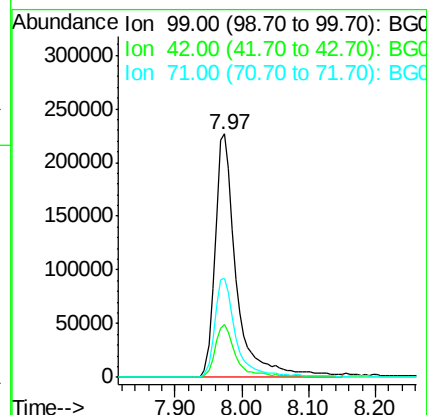
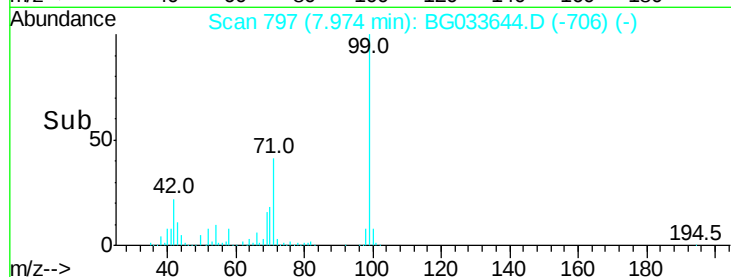
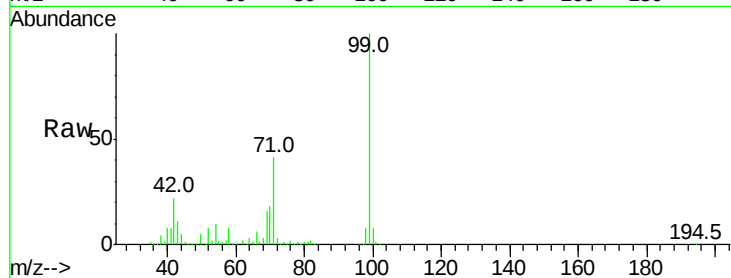
Tot Ion: 99 Resp: 511151

Ion Ratio Lower Upper

99 100

42 22.0 14.1 21.1#

71 40.9 26.1 39.1#



#15

Benzyl Alcohol

Concen: 2.157 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.09 min

Lab File: BG033644.D

Acq: 7 Apr 2018 1:05

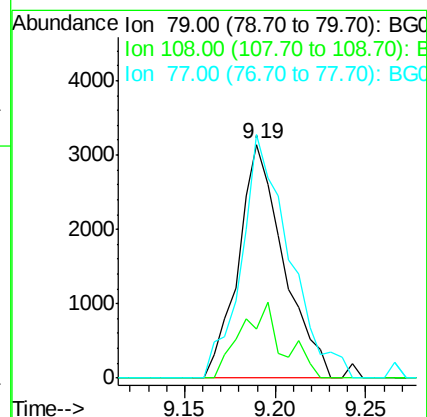
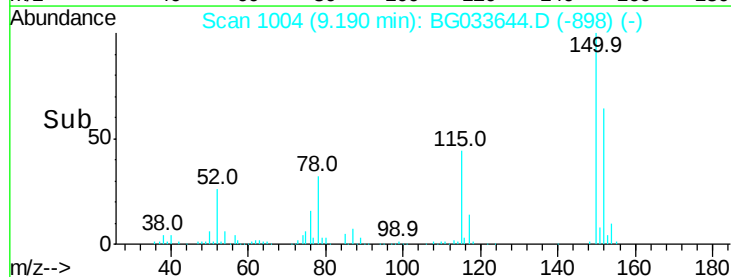
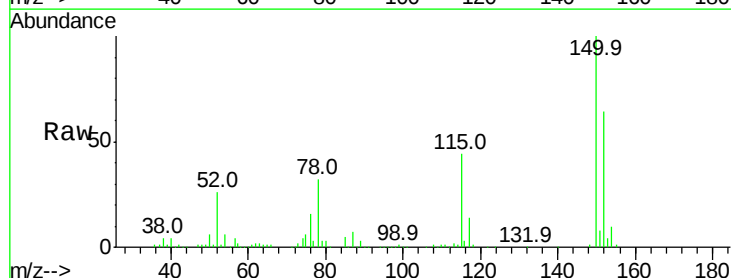
Tgt Ion: 79 Resp: 5459

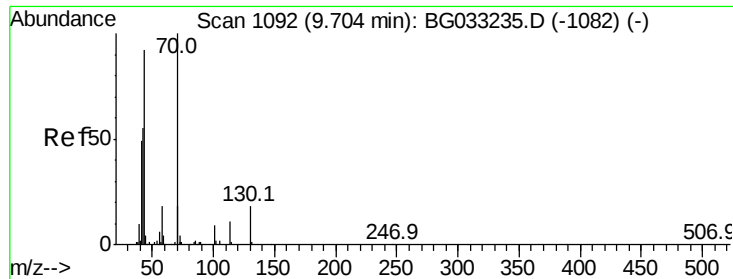
Ion Ratio Lower Upper

79 100

108 20.7 57.2 85.8#

77 104.0 46.1 69.1#

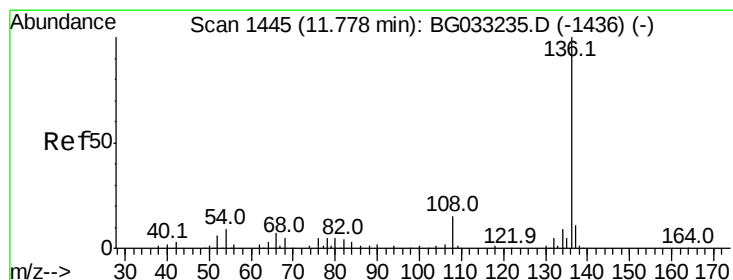
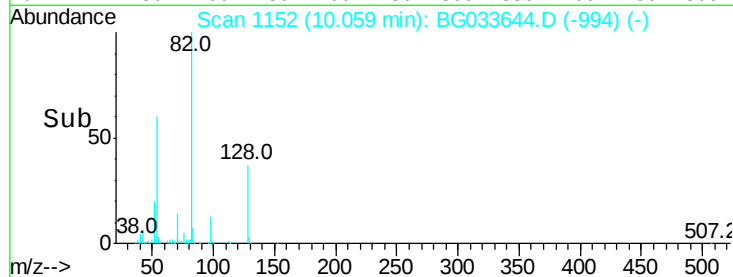
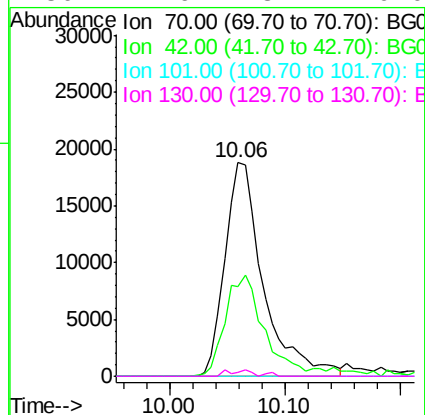
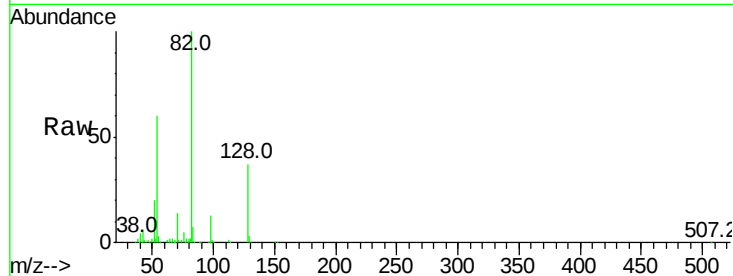




#19
n-Nitroso-di-n-propylamine
Concen: 18.336 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033644.D
Acq: 7 Apr 2018 1:05

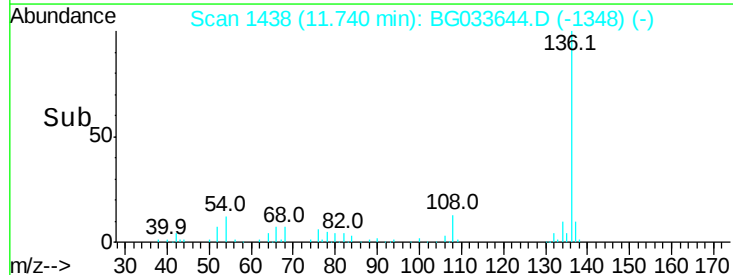
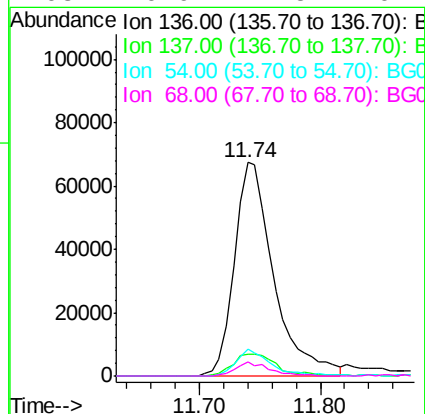
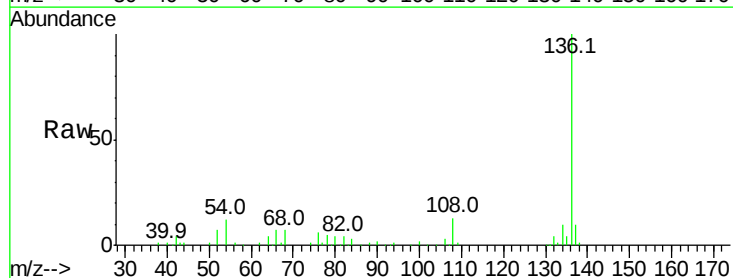
Instrument :
BNA_G
ClientSampled :

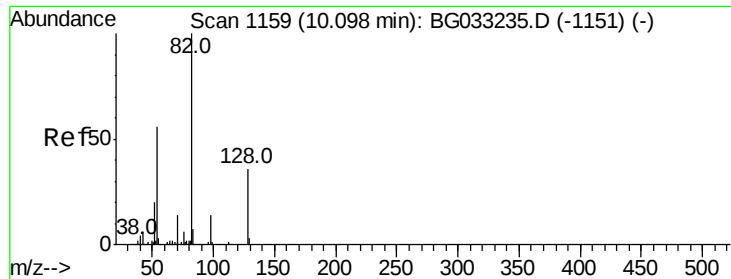
Tot Ion: 70 Resp: 43198
Ion Ratio Lower Upper
70 100
42 42.0 49.1 73.7#
101 0.0 8.5 12.7#
130 1.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BG033644.D
Acq: 7 Apr 2018 1:05

Tgt Ion: 136 Resp: 153122
Ion Ratio Lower Upper
136 100
137 10.0 9.2 13.8
54 12.3 10.3 15.5
68 6.9 4.5 6.7#

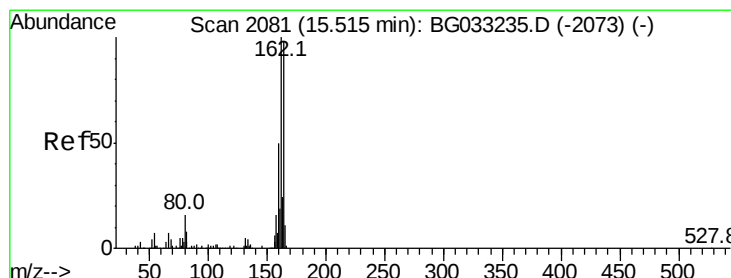
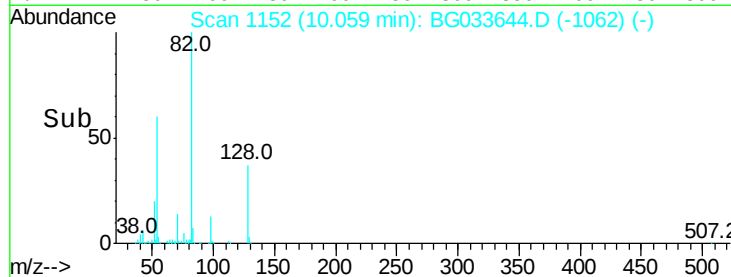
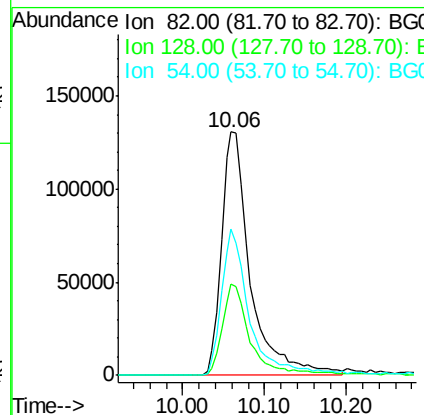
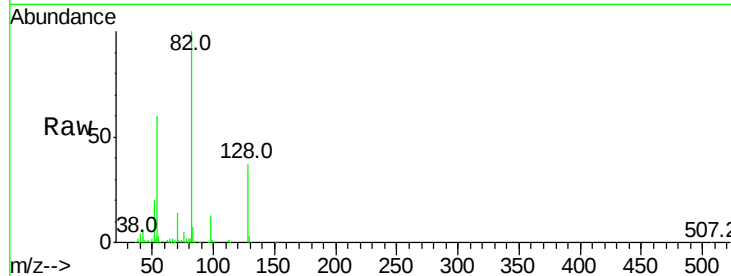




#23
 Nitrobenzene-d5
 Concen: 95.919 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

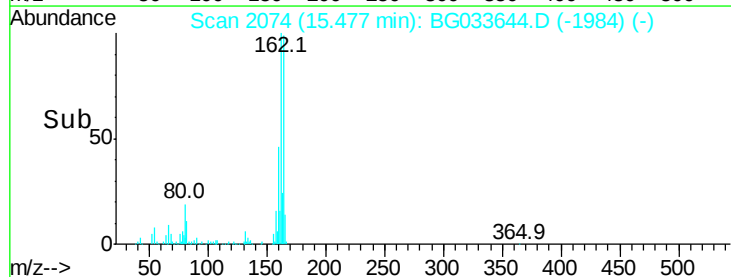
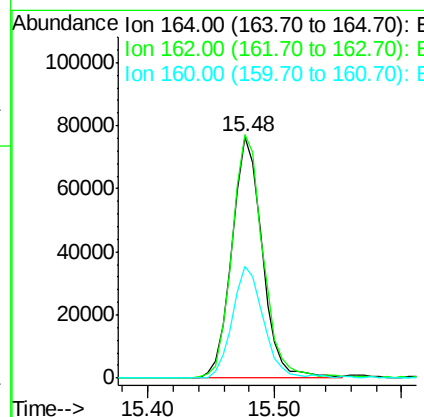
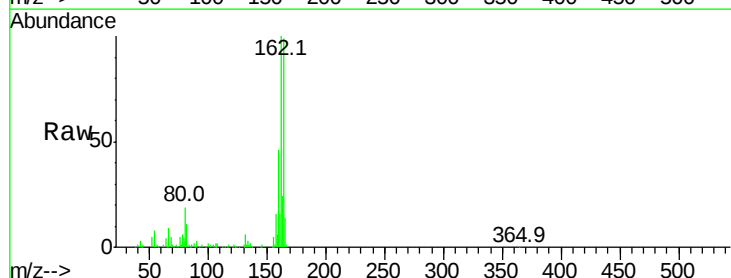
Instrument :
 BNA_G
 ClientSampleId :

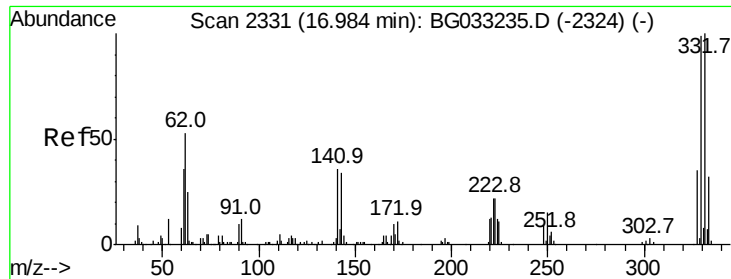
Tot Ion	82	Resp	319677
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.7	44.5
54	60.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

Tgt Ion	164	Resp	126761
Ion	Ratio	Lower	Upper
164	100		
162	100.9	78.8	118.2
160	46.1	35.4	53.0

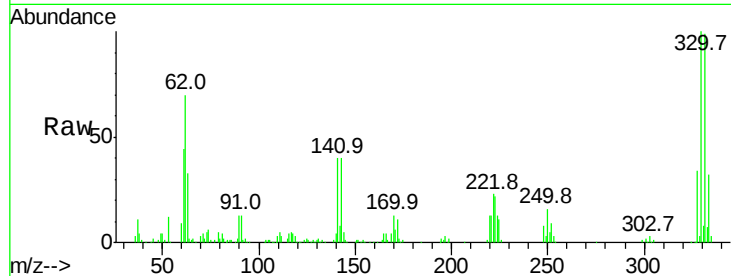




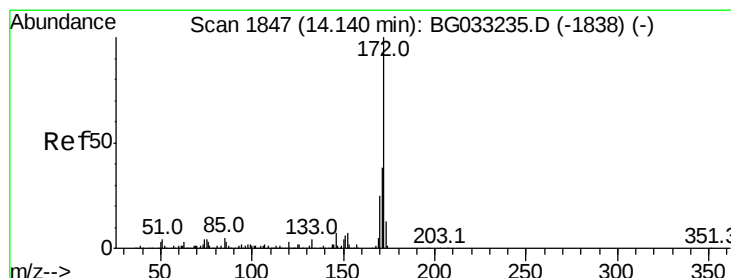
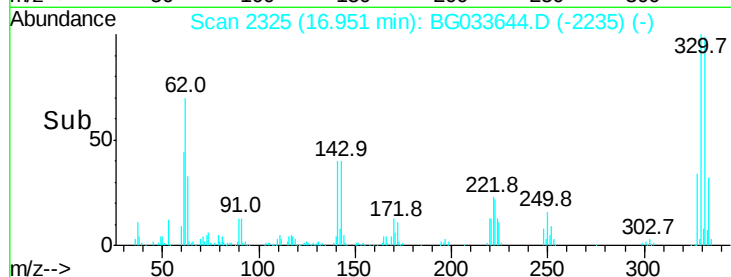
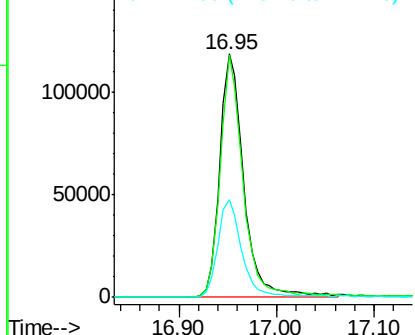
#41
 2,4,6-Tribromophenol
 Concen: 107.261 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 203352
 Ion Ratio Lower Upper
 330 100
 332 93.2 77.0 115.6
 141 40.5 25.2 37.8#

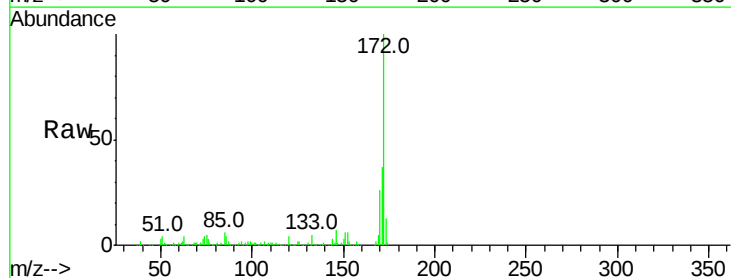


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

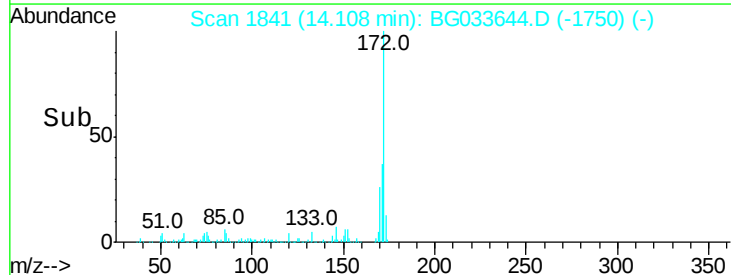
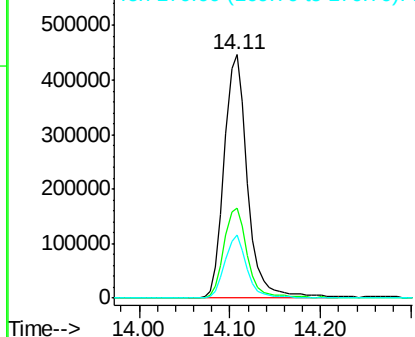


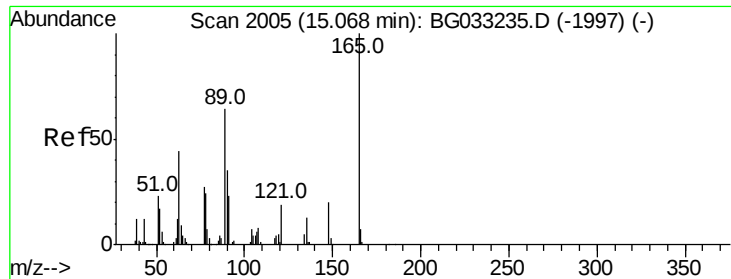
#44
 2-Fluorobiphenyl
 Concen: 91.017 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

Tgt Ion:172 Resp: 799193
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.0 45.0
 170 25.9 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

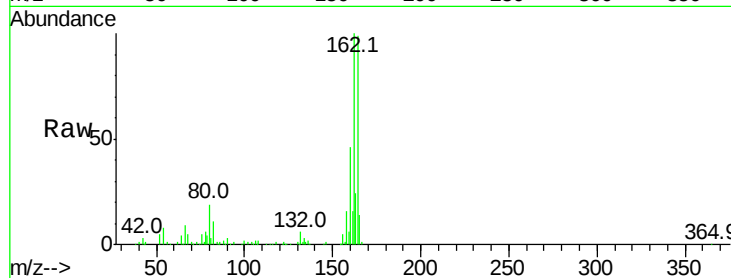




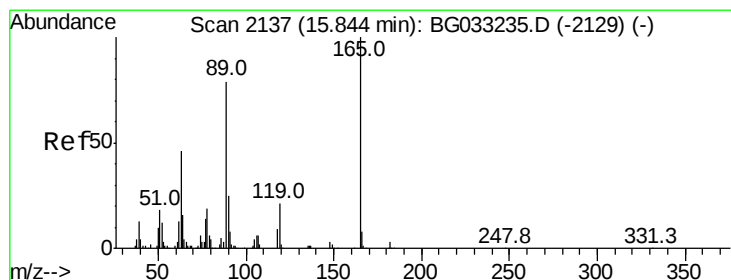
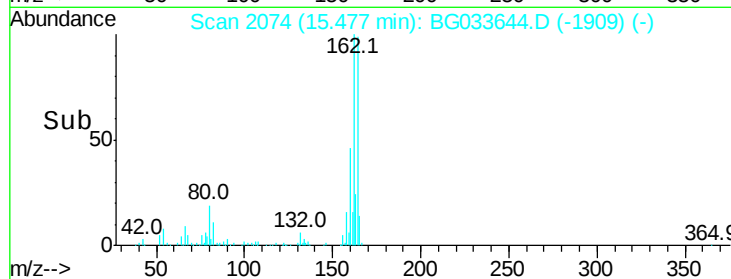
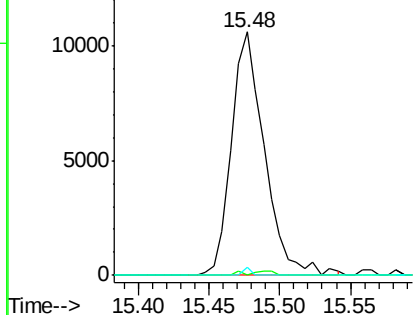
#50
 2,6-Dinitrotoluene
 Concen: 7.669 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 17298
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.2 49.2 73.8#

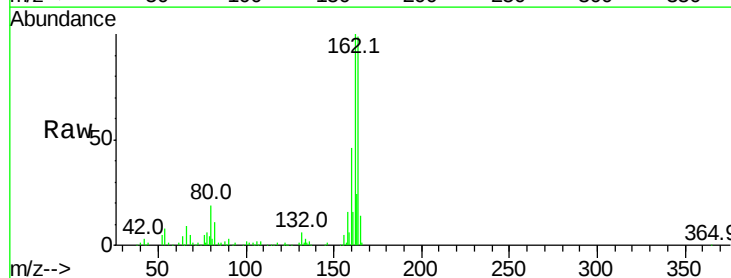


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

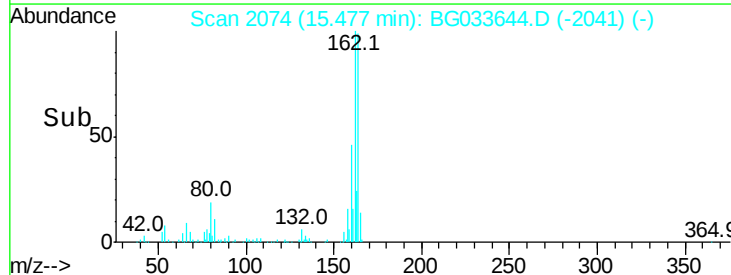
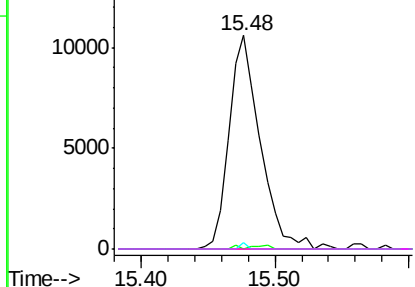


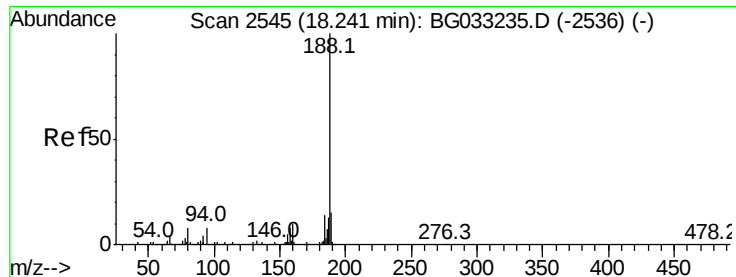
#56
 2,4-Dinitrotoluene
 Concen: 5.209 ng
 RT: 15.48 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

Tgt Ion:165 Resp: 17299
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.2 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

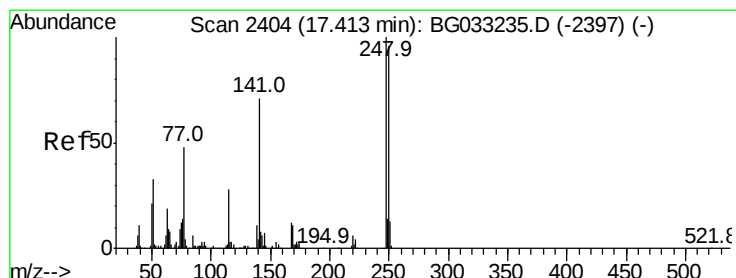
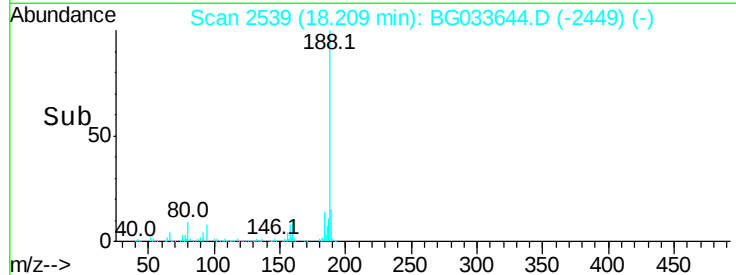
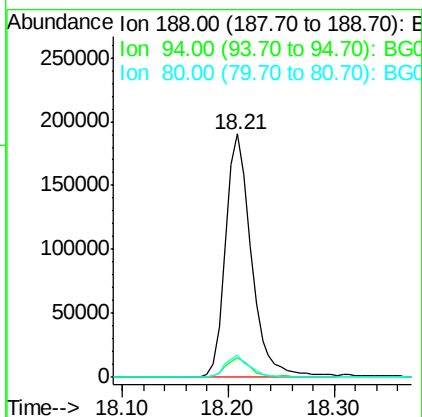
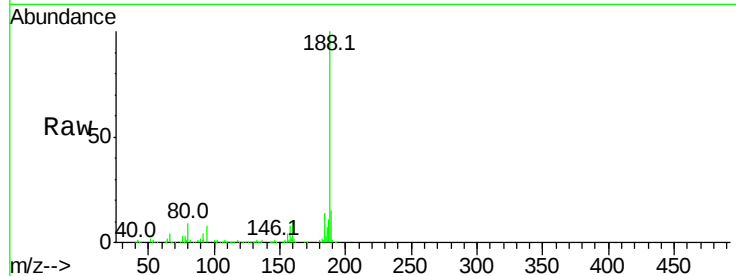




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

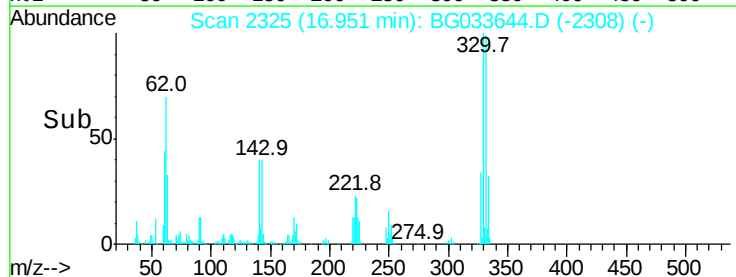
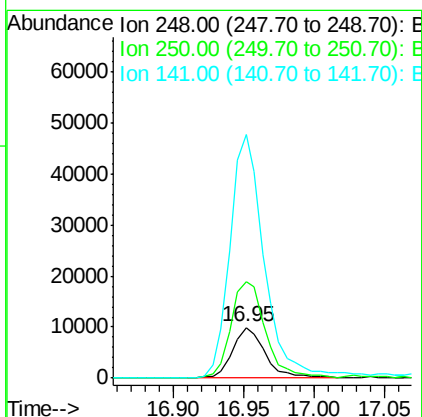
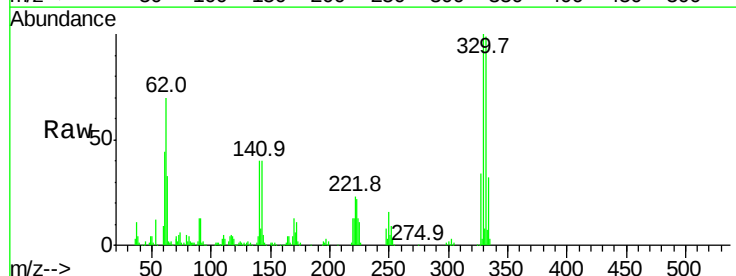
Instrument :
 BNA_G
 ClientSampleId :

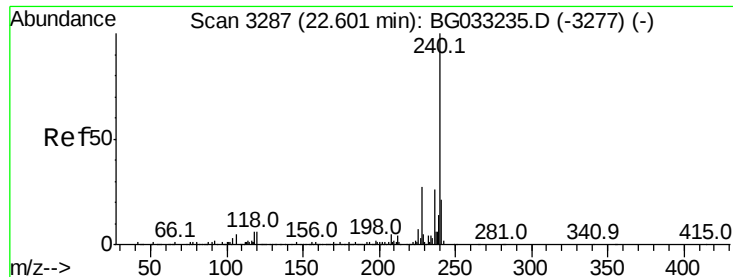
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	9.1	7.7	11.5



#66
 4-Bromophenyl-phenylether
 Concen: 4.208 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	189.0	77.1	115.7#
141	478.4	50.8	76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3279

Delta R.T. -0.00 min

Lab File: BG033644.D

Acq: 7 Apr 2018 1:05

Instrument :

BNA_G

ClientSampleId :

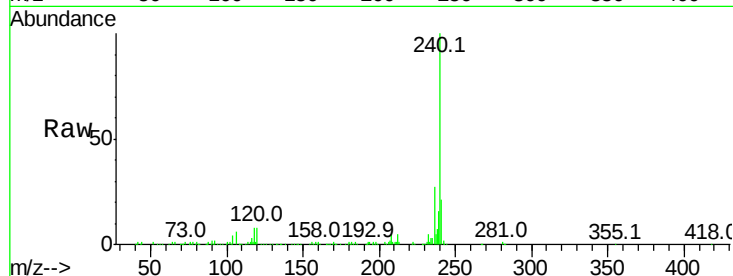
Tot Ion:240 Resp: 319881

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

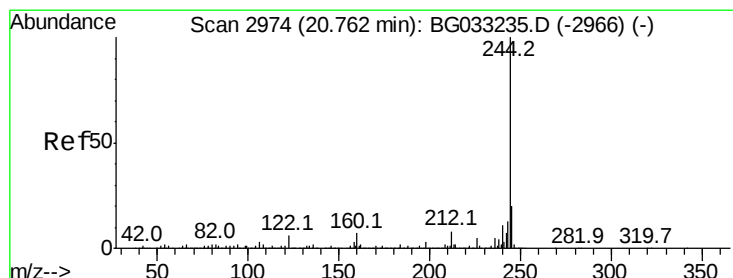
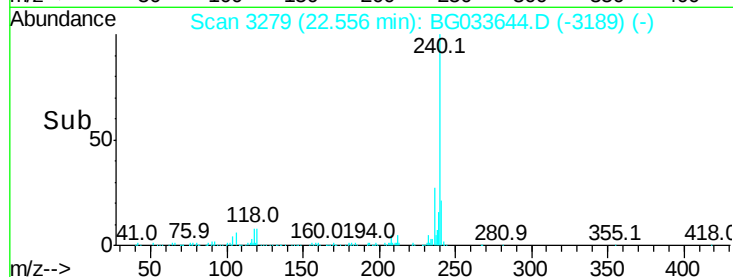
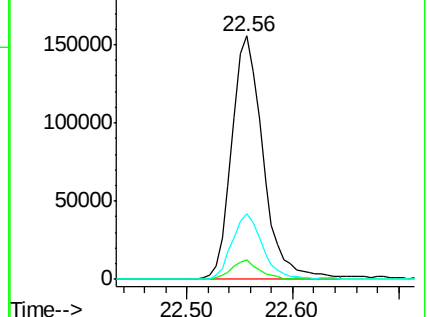
236 26.8 20.9 31.3



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: 95.253 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033644.D

Acq: 7 Apr 2018 1:05

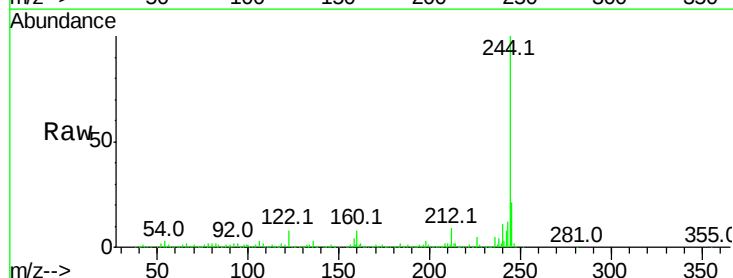
Tgt Ion:244 Resp: 1424740

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8

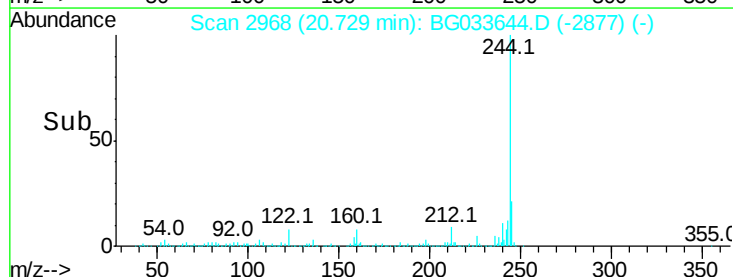
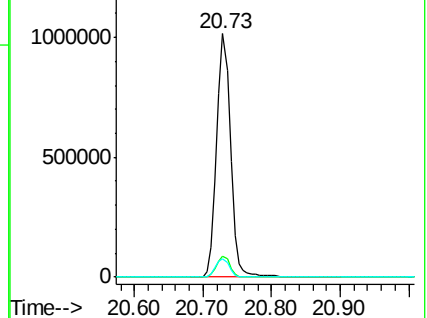
122 7.8 7.0 10.4

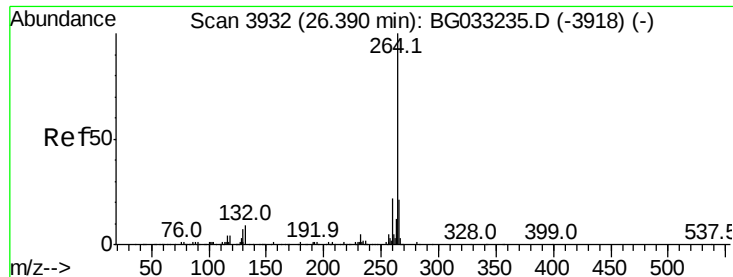


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.32 min Scan# 3920
 Delta R.T. 0.00 min
 Lab File: BG033644.D
 Acq: 7 Apr 2018 1:05

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	17.4	26.0
265	20.7	17.7	26.5

