

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033593.D
 Acq On : 5 Apr 2018 15:25
 Operator : SJ/JU
 Sample : J2184-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 05 17:36:51 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

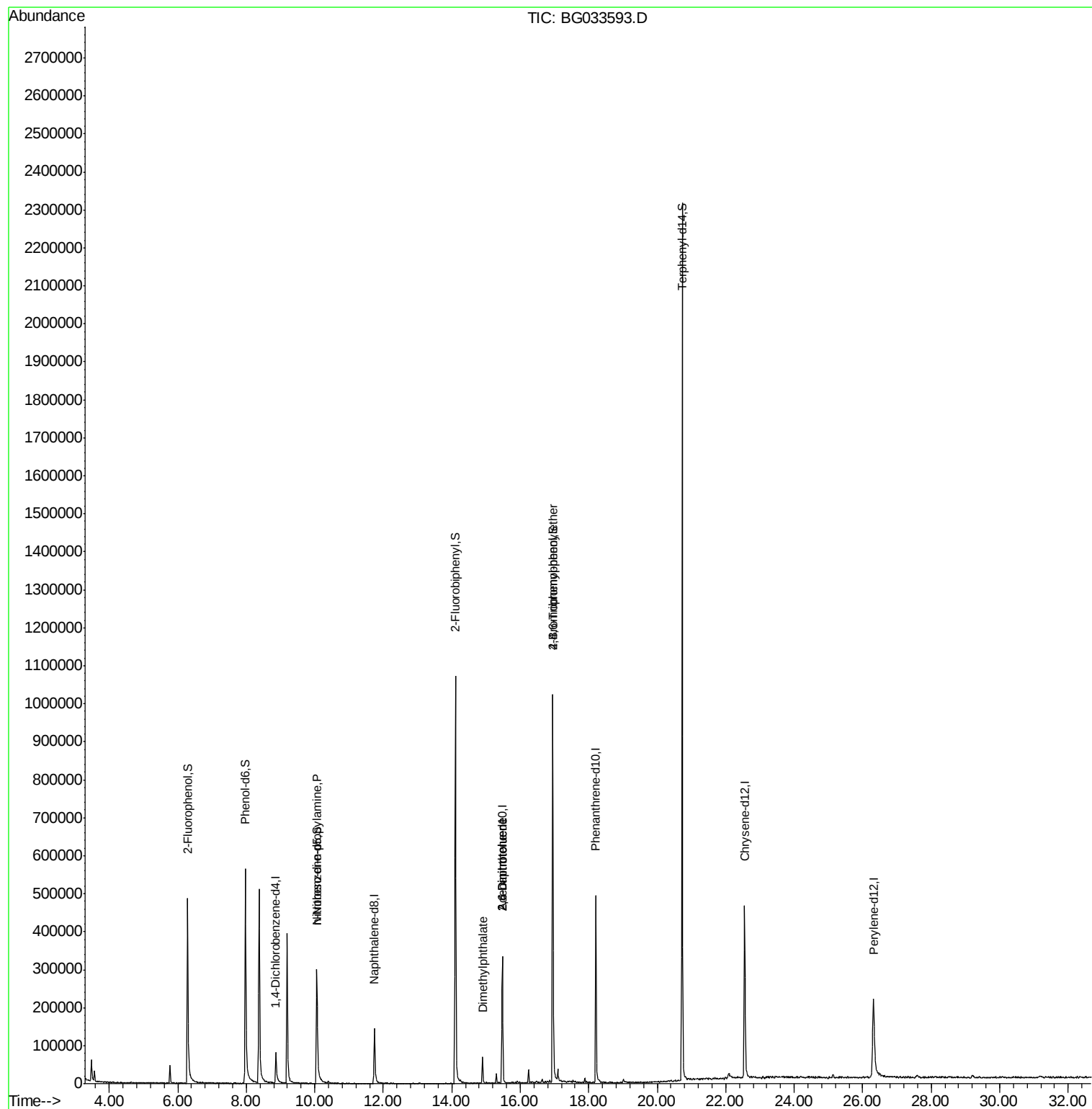
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31111	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	153919	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	129764	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	341683	20.00	ng	0.00
75) Chrysene-d12	22.55	240	348548	20.00	ng	0.00
86) Perylene-d12	26.31	264	323274	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	247563	149.21	ng	0.00
7) Phenol-d6	7.97	99	410907	144.14	ng	0.00
23) Nitrobenzene-d5	10.06	82	264914	79.08	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	199205	102.64	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	609743	67.83	ng	0.00
78) Terphenyl-d14	20.73	244	1133184	69.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	35343	16.919	ng	# 79
49) Dimethylphthalate	14.90	163	47902	4.242	ng	100
50) 2,6-Dinitrotoluene	15.47	165	15973	6.917	ng	# 18
56) 2,4-Dinitrotoluene	15.47	165	15973	4.698	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	15276	3.807	ng	# 1

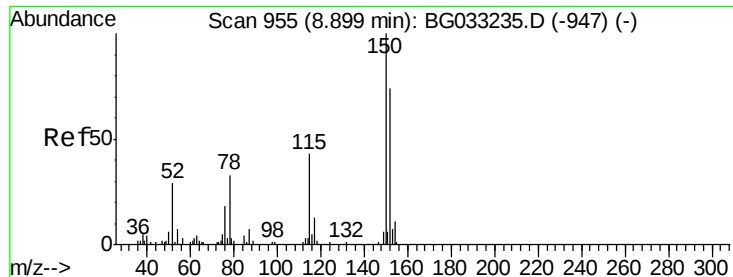
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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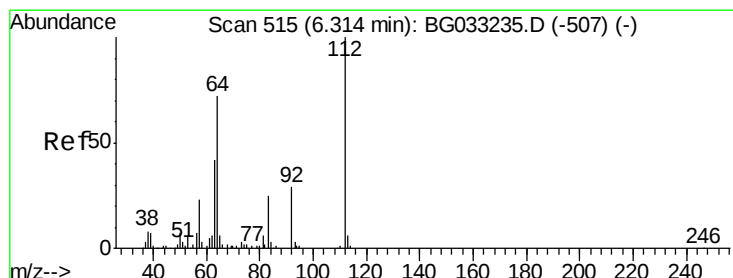
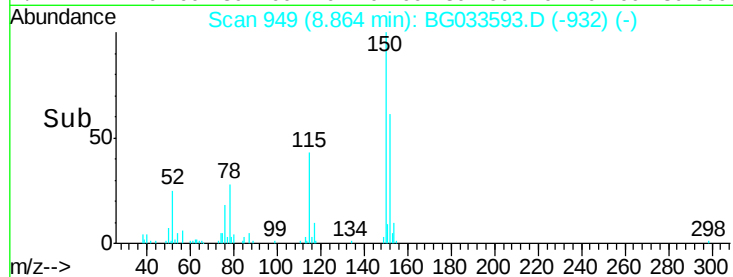
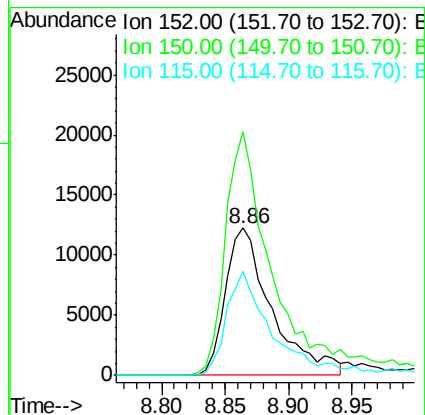
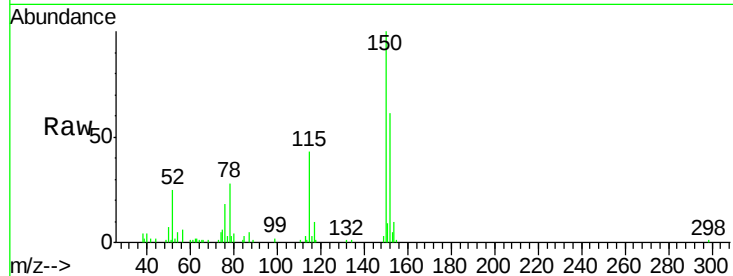


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. 0.00 min
Lab File: BG033593.D
Acq: 5 Apr 2018 15:25

Instrument :
BNA_G
ClientSampled :

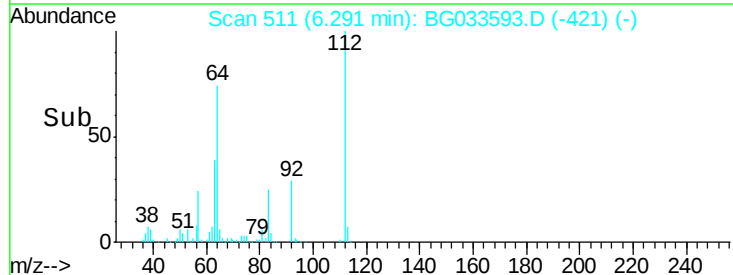
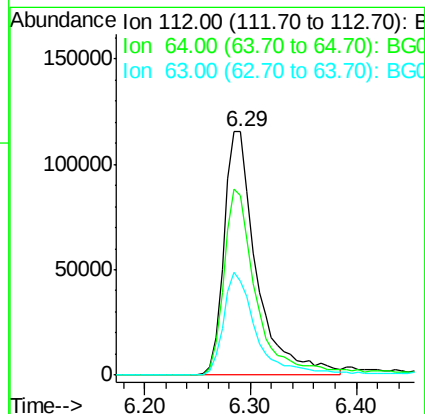
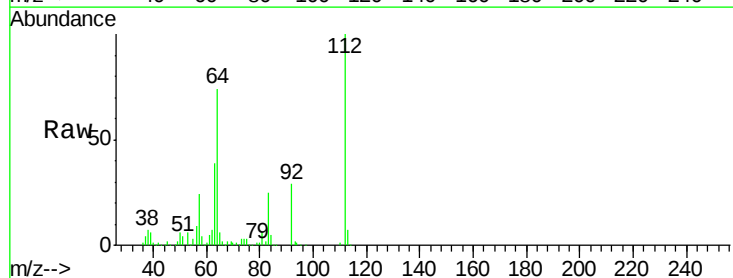
Tot Ion:152 Resp: 31111
Ion Ratio Lower Upper
152 100
150 165.2 126.6 189.8
115 70.3 53.0 79.4

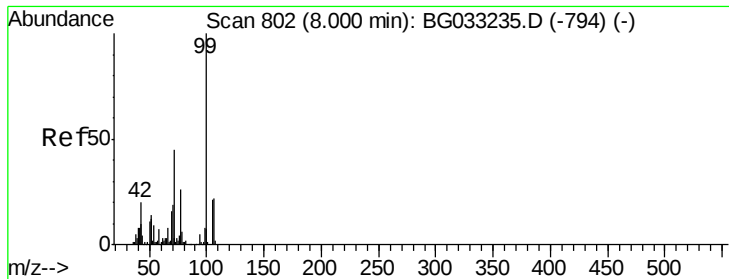


#5

2-Fluorophenol
Concen: 149.211 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033593.D
Acq: 5 Apr 2018 15:25

Tgt Ion:112 Resp: 247563
Ion Ratio Lower Upper
112 100
64 73.6 56.3 84.5
63 38.6 30.1 45.1





#7

Phenol-d6

Concen: 144.140 ng

RT: 7.97 min Scan# 797

Delta R.T. 0.00 min

Lab File: BG033593.D

Acq: 5 Apr 2018 15:25

Instrument :

BNA_G

ClientSampleId :

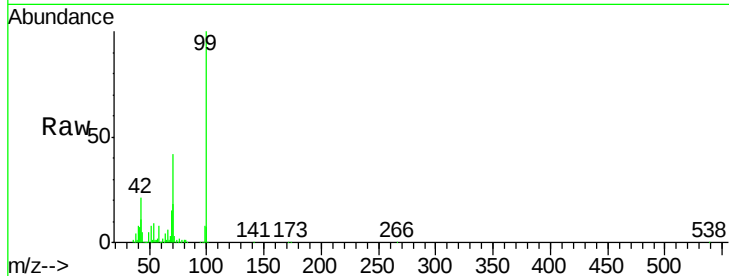
Tot Ion: 99 Resp: 410907

Ion Ratio Lower Upper

99 100

42 20.6 14.1 21.1

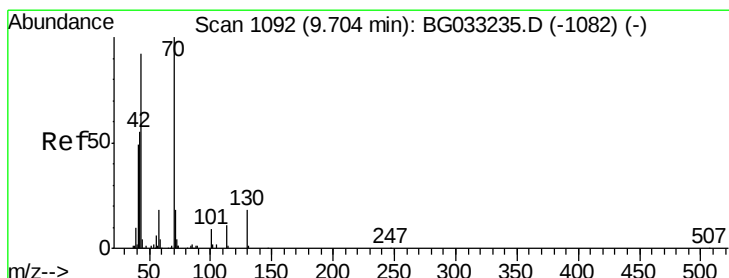
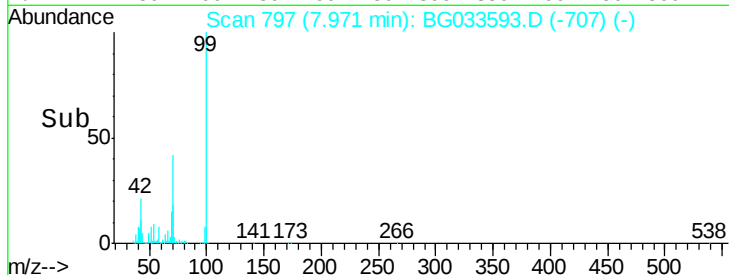
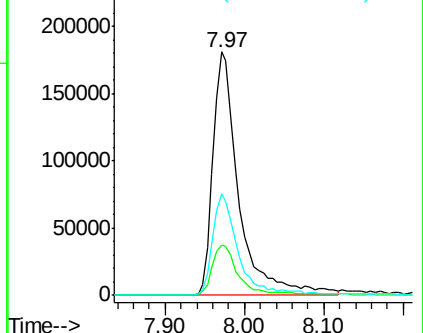
71 41.8 26.1 39.1#



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: 16.919 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.40 min

Lab File: BG033593.D

Acq: 5 Apr 2018 15:25

Tgt Ion: 70 Resp: 35343

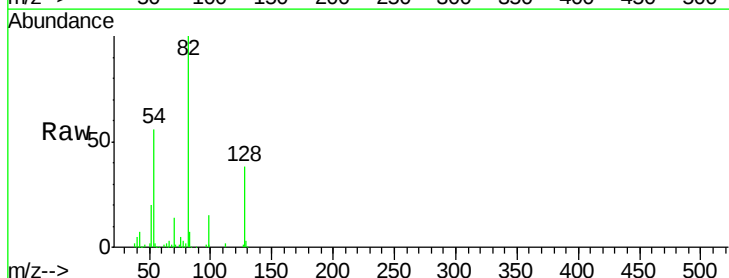
Ion Ratio Lower Upper

70 100

42 48.7 49.1 73.7#

101 0.0 8.5 12.7#

130 3.2 13.4 20.0#

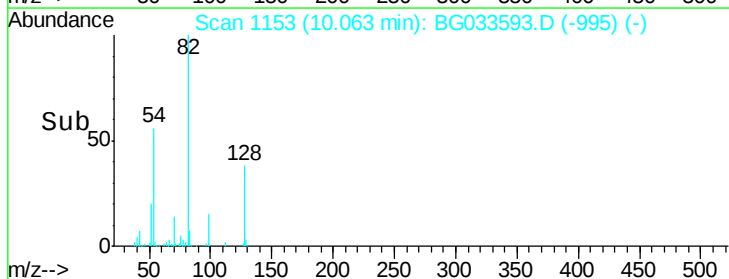
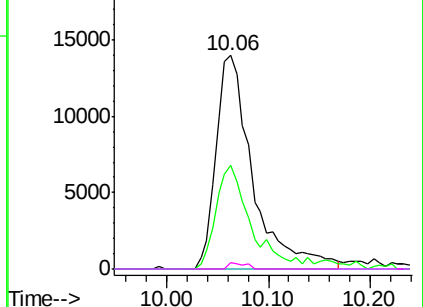


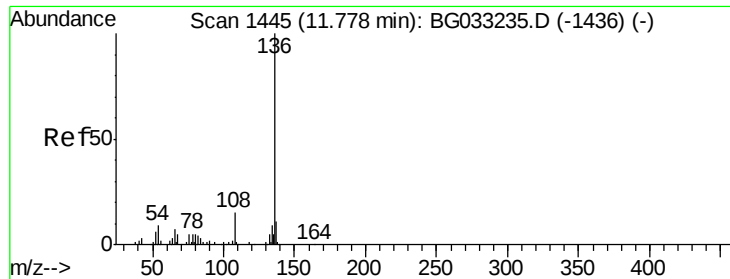
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

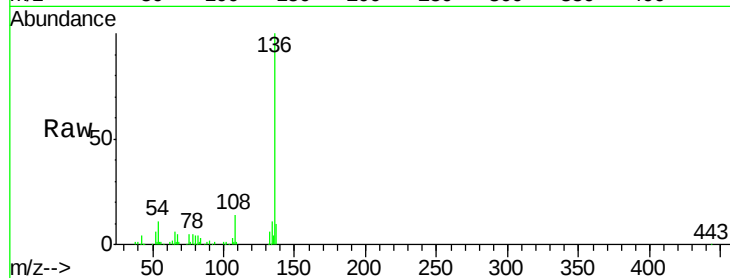




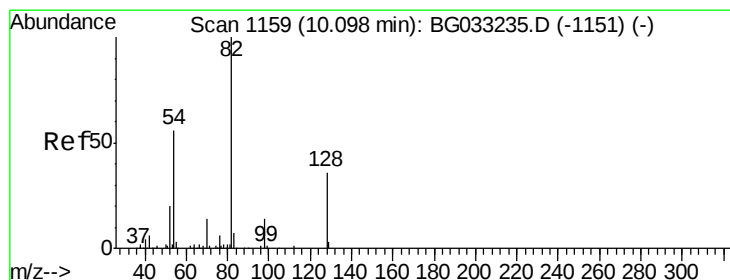
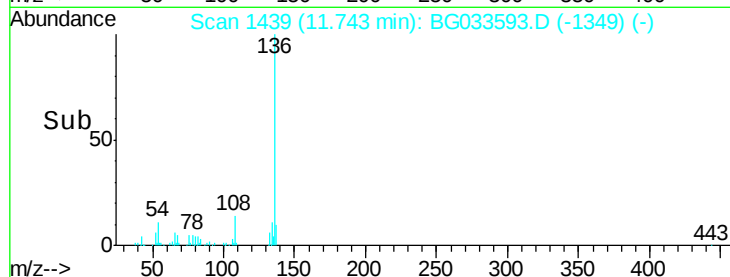
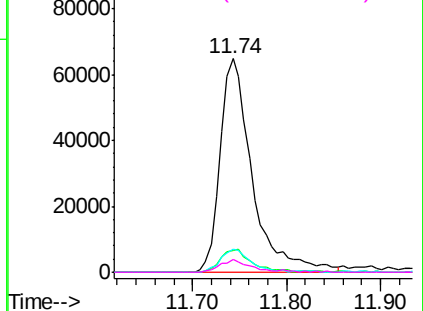
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BG033593.D
Acq: 5 Apr 2018 15:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	153919	
Ion Ratio	Lower	Upper	
136 100			
137 10.1	9.2	13.8	
54 11.3	10.3	15.5	
68 6.0	4.5	6.7	

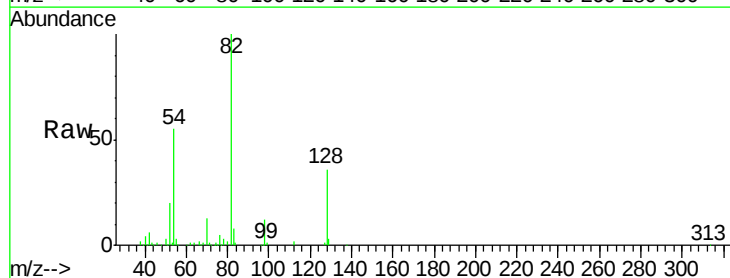


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

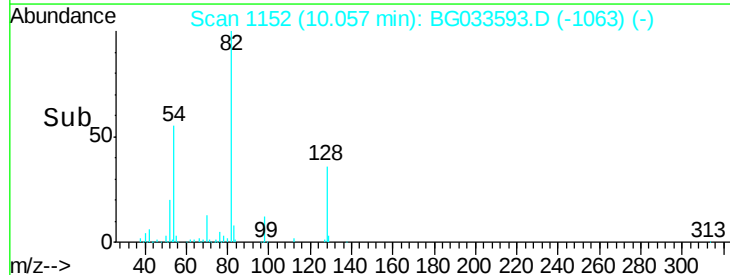
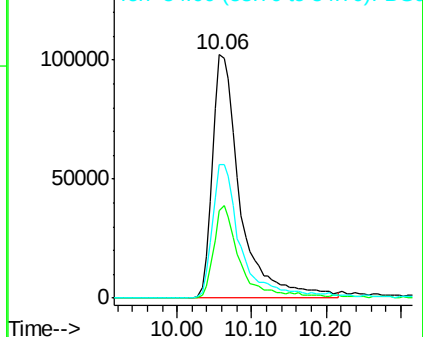


#23
Nitrobenzene-d5
Concen: 79.076 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG033593.D
Acq: 5 Apr 2018 15:25

Tgt Ion: 82	Resp: 264914
Ion Ratio	Lower Upper
82 100	
128 35.8	29.7 44.5
54 54.8	43.1 64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG033593.D

Acq: 5 Apr 2018 15:25

Instrument :

BNA_G

ClientSampleId :

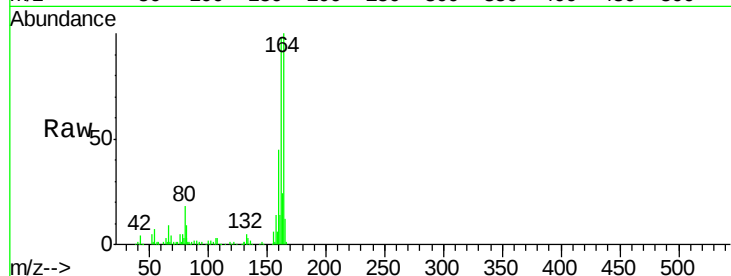
Tot Ion:164 Resp: 129764

Ion Ratio Lower Upper

164 100

162 97.8 78.8 118.2

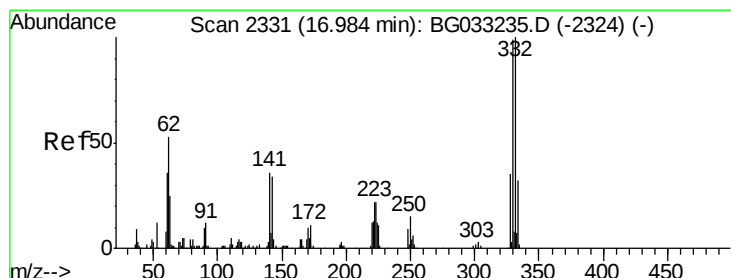
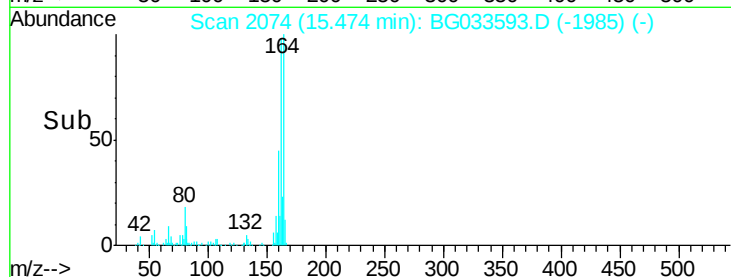
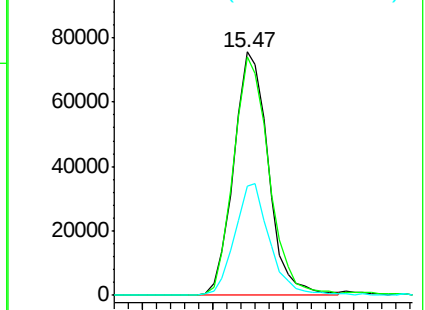
160 45.0 35.4 53.0



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: 102.642 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033593.D

Acq: 5 Apr 2018 15:25

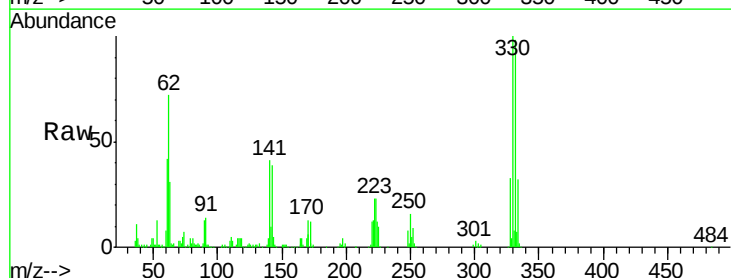
Tgt Ion:330 Resp: 199205

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

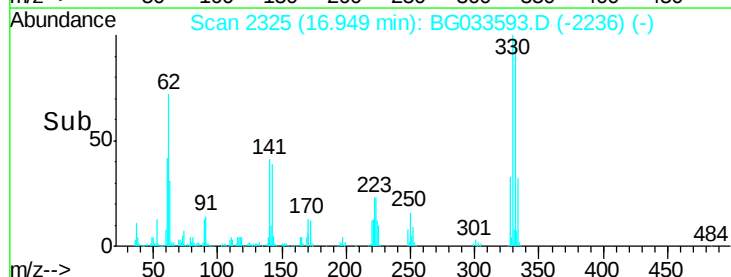
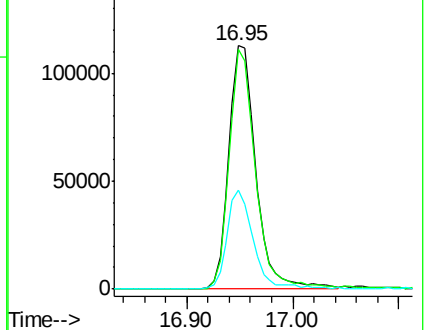
141 40.1 25.2 37.8#

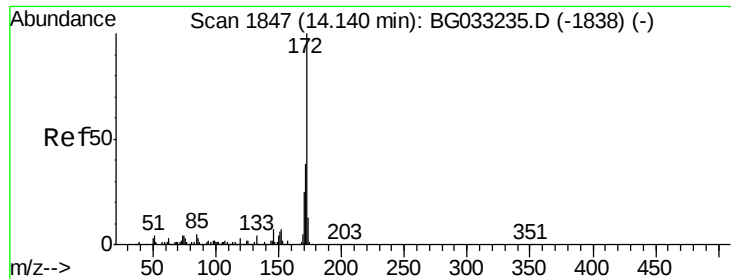


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

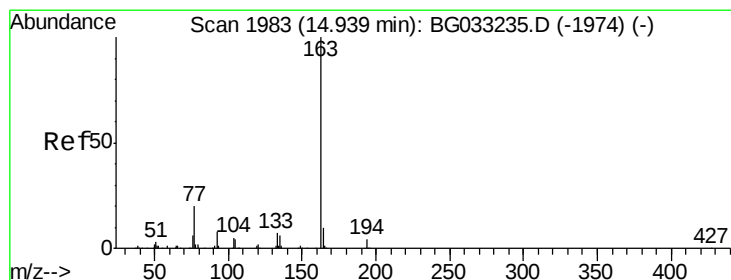
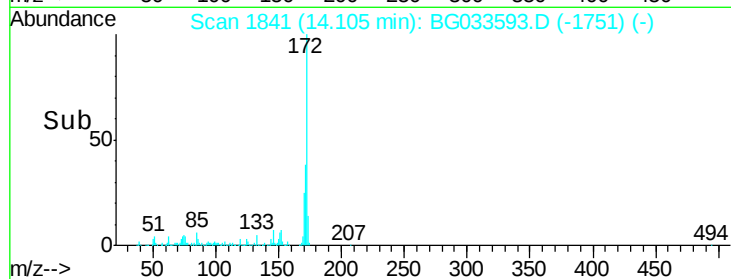
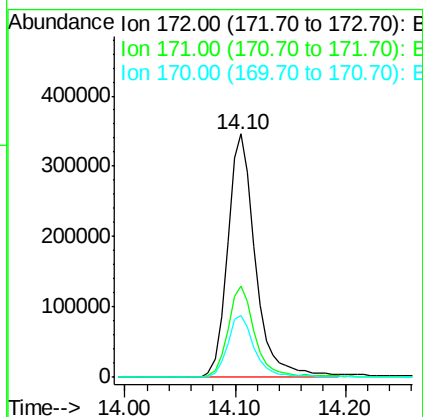
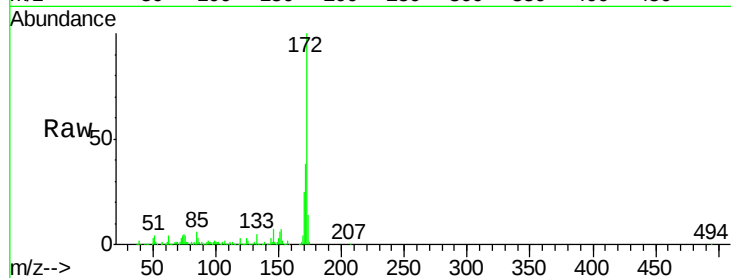




#44
2-Fluorobiphenyl
Concen: 67.834 ng
RT: 14.10 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG033593.D
Acq: 5 Apr 2018 15:25

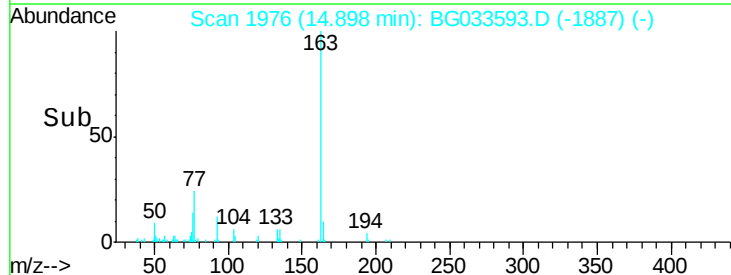
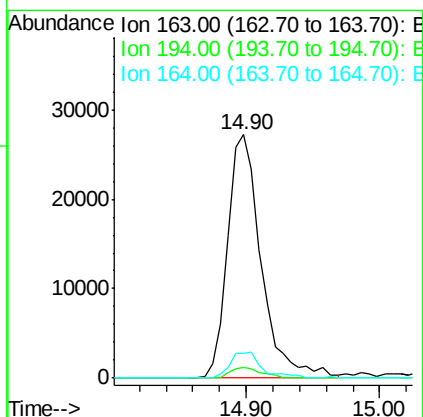
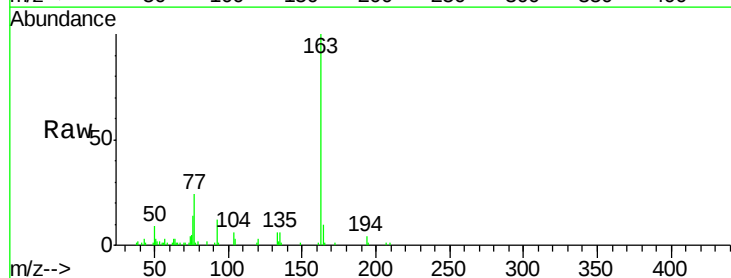
Instrument :
BNA_G
ClientSampled :

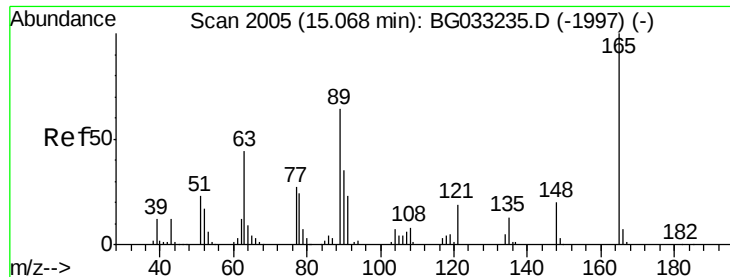
Tot Ion:172 Resp: 609743
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 25.3 19.5 29.3



#49
Dimethylphthalate
Concen: 4.242 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033593.D
Acq: 5 Apr 2018 15:25

Tgt Ion:163 Resp: 47902
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.2 12.4

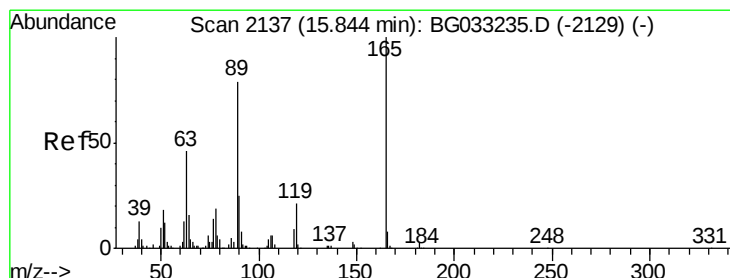
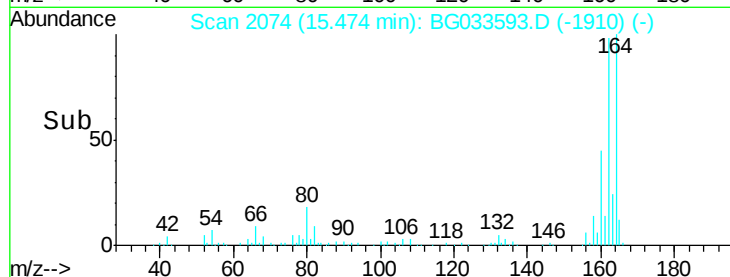
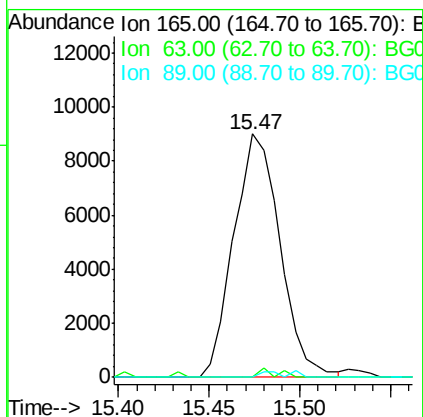
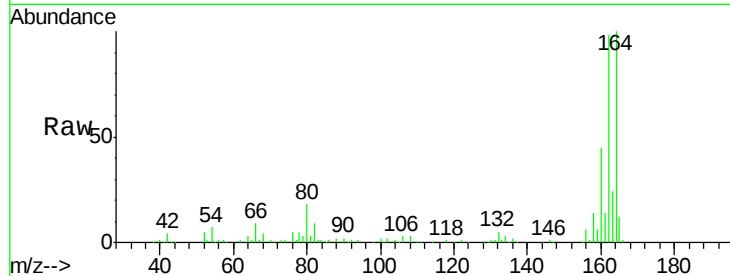




#50
 2,6-Dinitrotoluene
 Concen: 6.917 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033593.D
 Acq: 5 Apr 2018 15:25

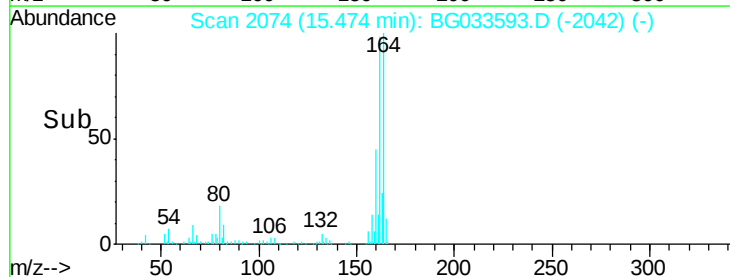
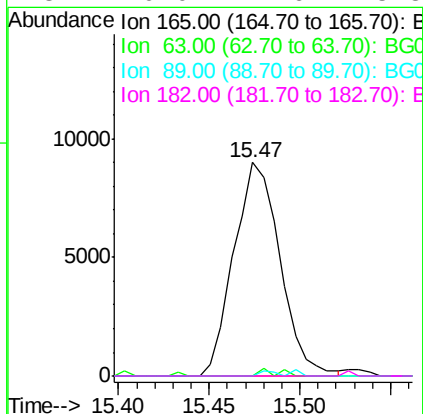
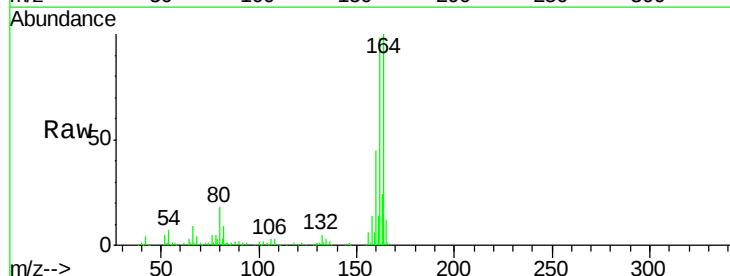
Instrument :
 BNA_G
 ClientSampleId :

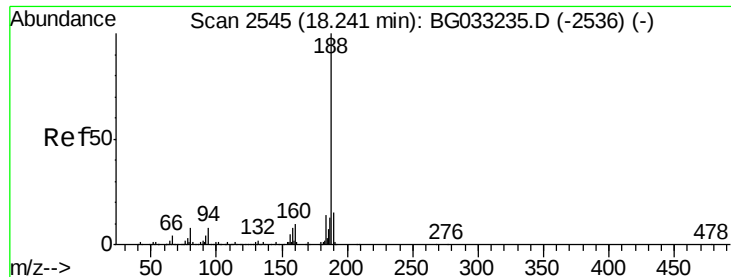
Tot Ion:165 Resp: 15973
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.698 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.34 min
 Lab File: BG033593.D
 Acq: 5 Apr 2018 15:25

Tgt Ion:165 Resp: 15973
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 0.0 66.9 100.3#
 182 0.0 2.6 3.8#

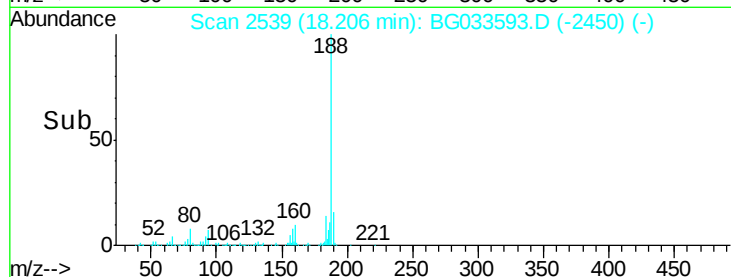
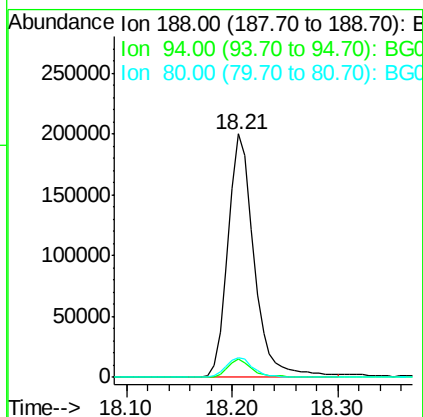
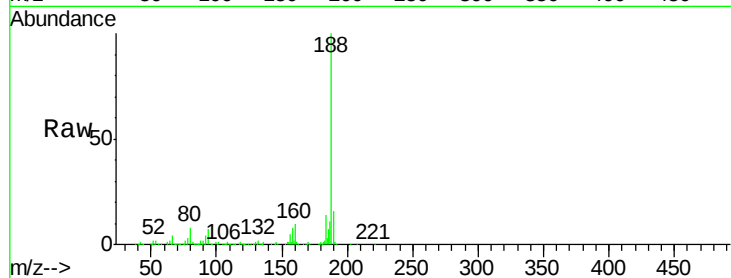




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033593.D
Acq: 5 Apr 2018 15:25

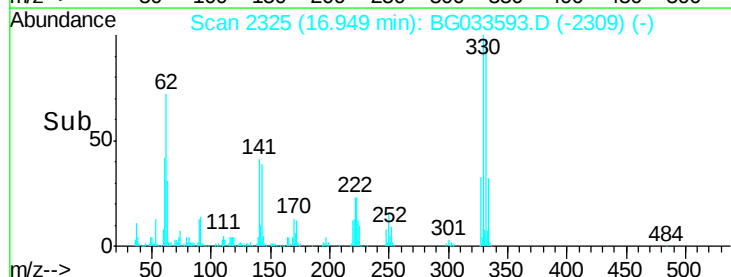
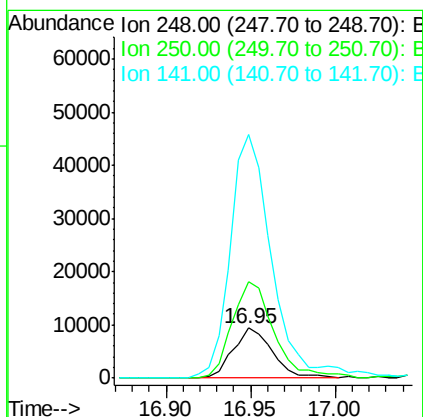
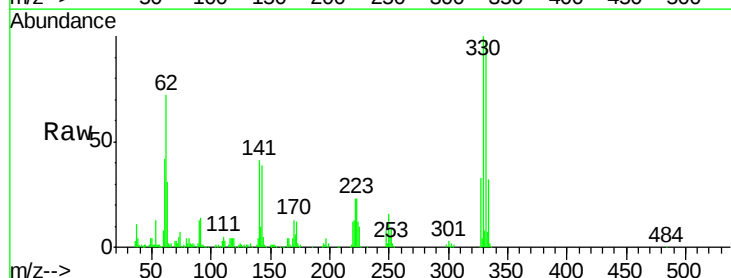
Instrument :
BNA_G
ClientSampled :

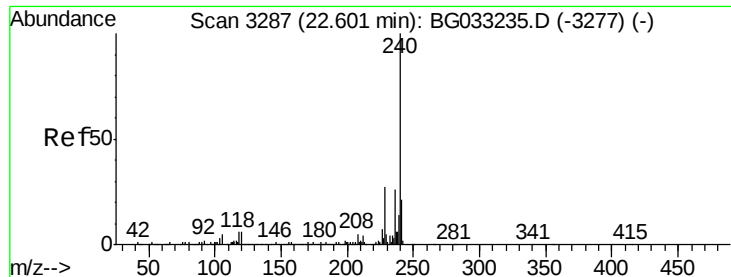
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.3	7.7	11.5



#66
4-Bromophenyl-phenylether
Concen: 3.807 ng
RT: 16.95 min Scan# 2325
Delta R.T. -0.43 min
Lab File: BG033593.D
Acq: 5 Apr 2018 15:25

Tgt Ion	Ratio	Lower	Upper
248	100		
250	191.9	77.1	115.7#
141	487.3	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: BG033593.D

Acq: 5 Apr 2018 15:25

Instrument :

BNA_G

ClientSampled :

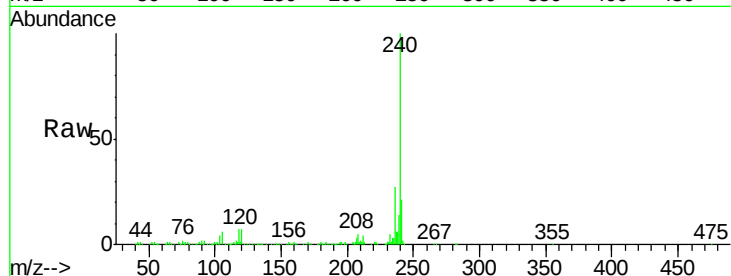
Tot Ion:240 Resp: 348548

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

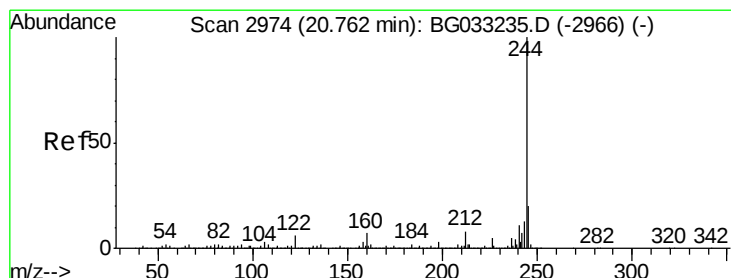
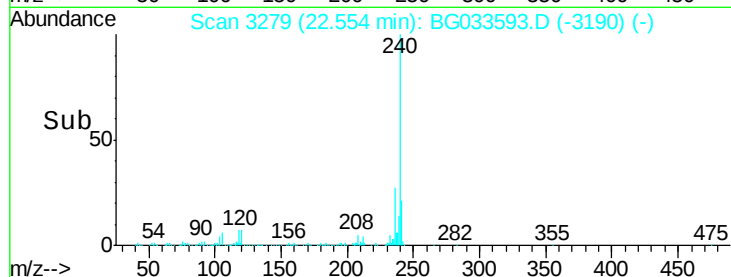
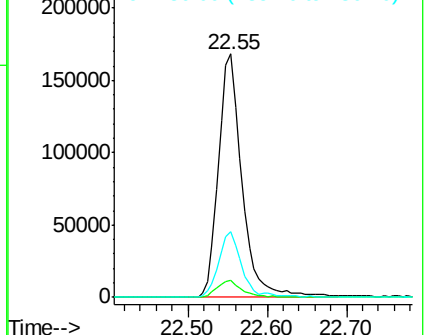
236 26.9 20.9 31.3



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: 69.529 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033593.D

Acq: 5 Apr 2018 15:25

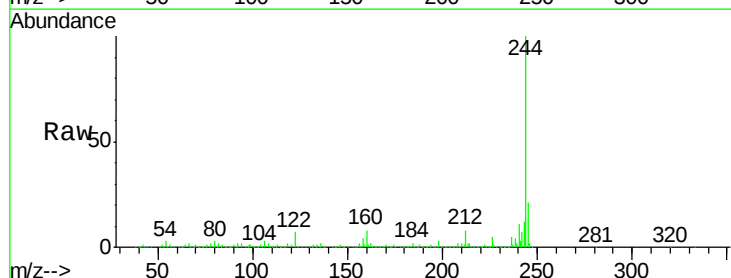
Tgt Ion:244 Resp: 1133184

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

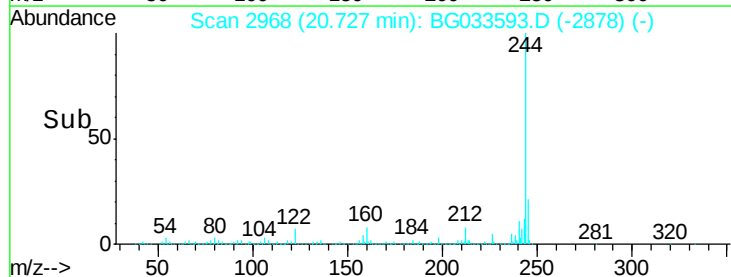
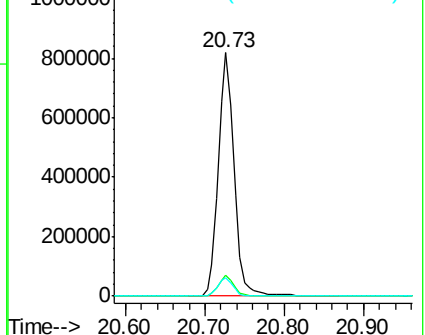
122 7.3 7.0 10.4

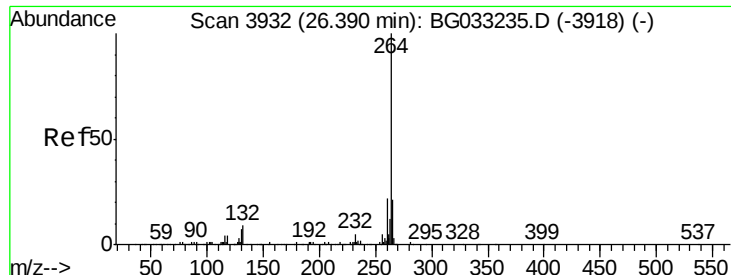


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.31 min Scan# 3919
 Delta R.T. -0.01 min
 Lab File: BG033593.D
 Acq: 5 Apr 2018 15:25

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	23.0	17.7	26.5

