

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033605.D
 Acq On : 5 Apr 2018 22:56
 Operator : SJ/JU
 Sample : J2265-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 06 03:21:56 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

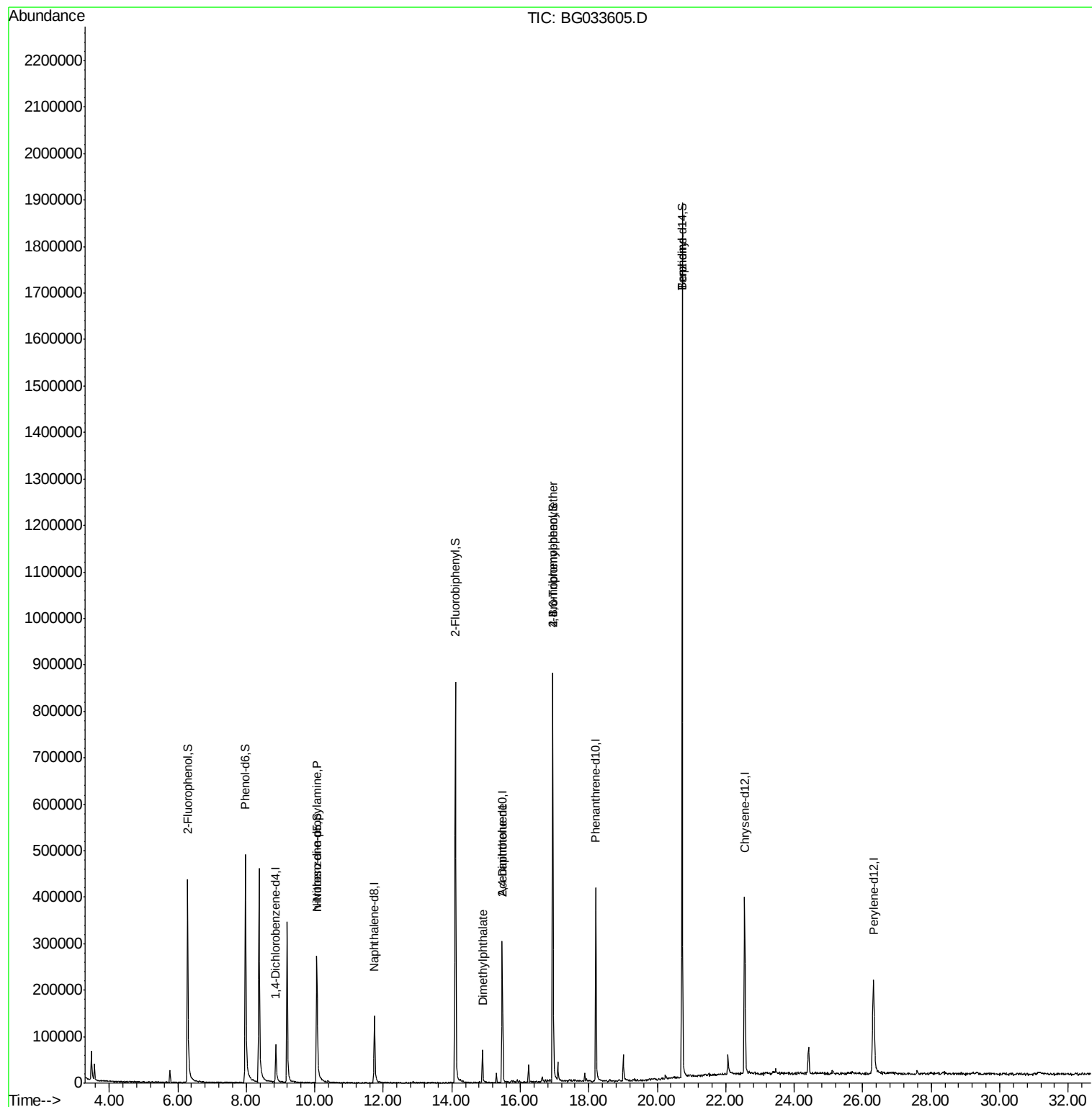
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30384	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	138808	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	115743	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	292879	20.00	ng	0.00
75) Chrysene-d12	22.55	240	294901	20.00	ng	0.00
86) Perylene-d12	26.32	264	304241	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	216657	133.71	ng	0.00
7) Phenol-d6	7.97	99	364066	130.76	ng	0.00
23) Nitrobenzene-d5	10.06	82	231060	76.48	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	168303	97.22	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	522903	65.22	ng	0.00
78) Terphenyl-d14	20.73	244	954086	69.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	10.06	70	29608	14.513	ng	Qvalue # 71
49) Dimethylphthalate	14.90	163	49769	4.941	ng	99
56) 2,4-Dinitrotoluene	15.47	165	15615	5.149	ng	# 16
66) 4-Bromophenyl-phenylether	16.95	248	13945	4.054	ng	# 1
76) Benzidine	20.73	184	16025	2.004	ng	# 96

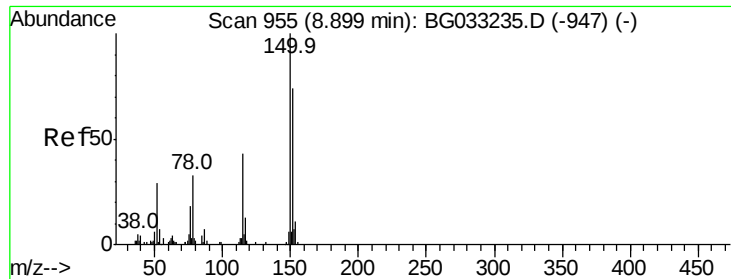
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033605.D
Acq On : 5 Apr 2018 22:56
Operator : SJ/JU
Sample : J2265-06
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 06 03:21:56 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



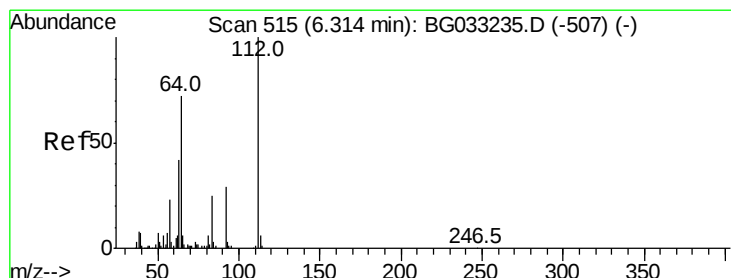
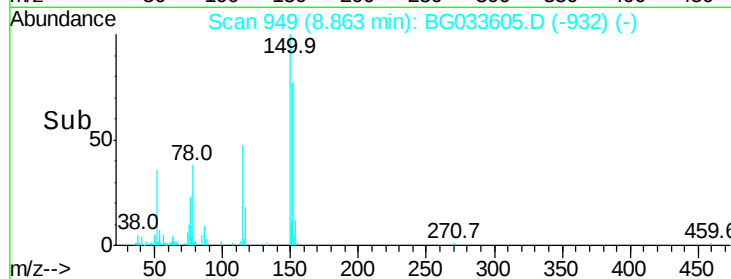
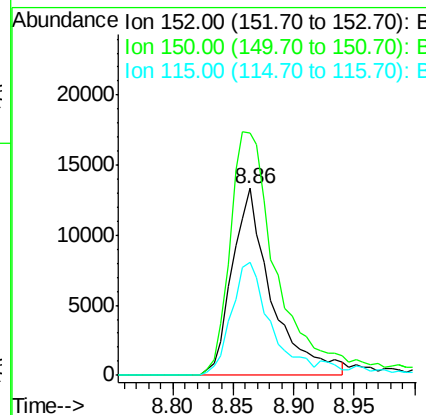
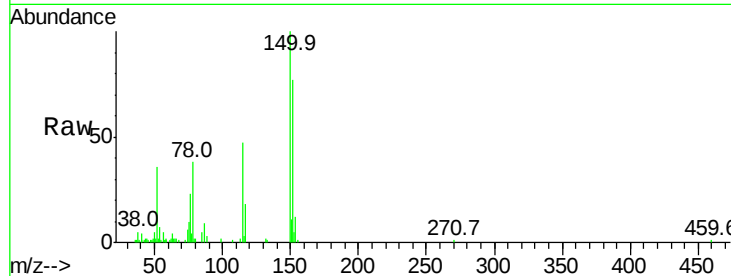


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

Instrument :
BNA_G
ClientSampleId :

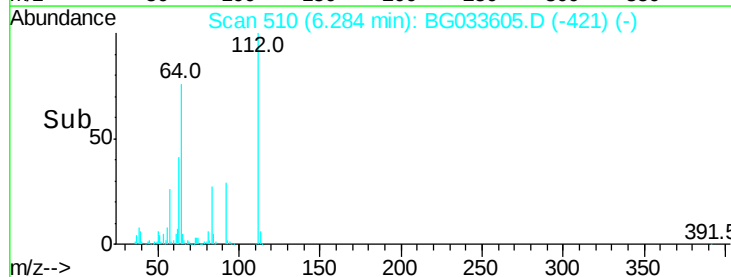
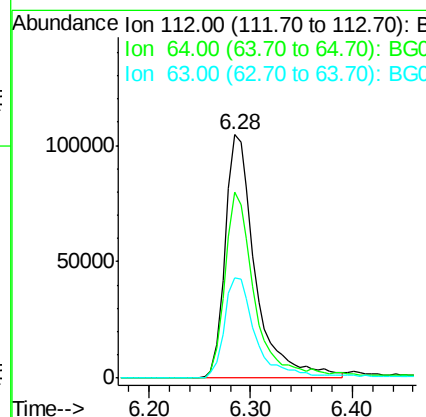
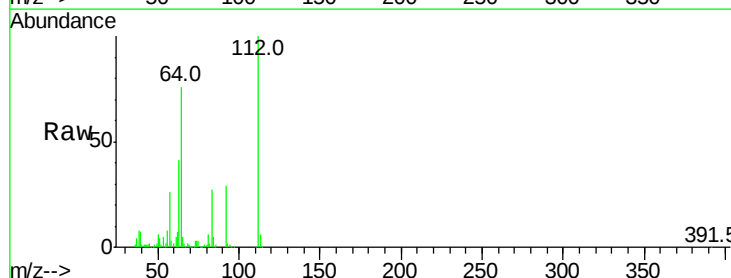
Tot Ion:152 Resp: 30384
Ion Ratio Lower Upper
152 100
150 129.6 126.6 189.8
115 60.8 53.0 79.4

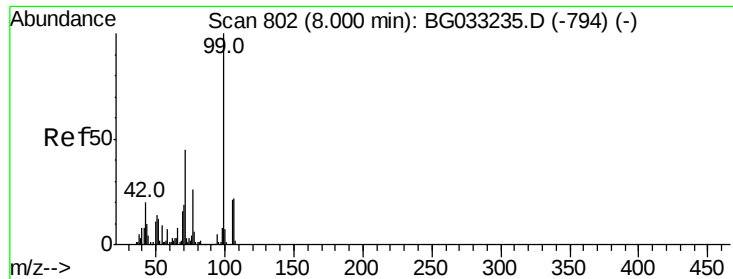


#5

2-Fluorophenol
Concen: 133.708 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.01 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

Tgt Ion:112 Resp: 216657
Ion Ratio Lower Upper
112 100
64 76.2 56.3 84.5
63 41.4 30.1 45.1





#7

Phenol-d6

Concen: 130.764 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

Instrument :

BNA_G

ClientSampleId :

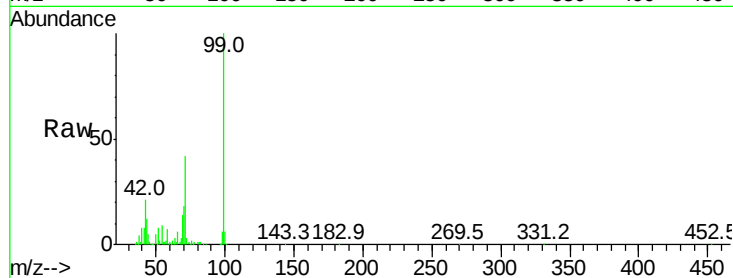
Tot Ion: 99 Resp: 364066

Ion Ratio Lower Upper

99 100

42 20.7 14.1 21.1

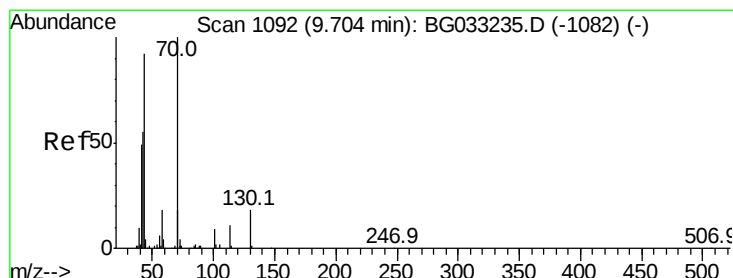
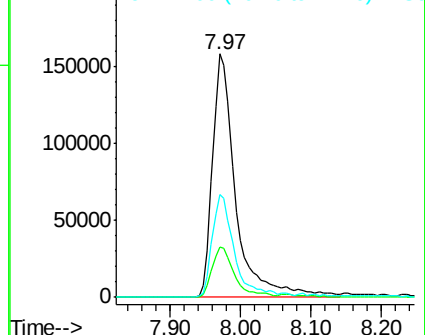
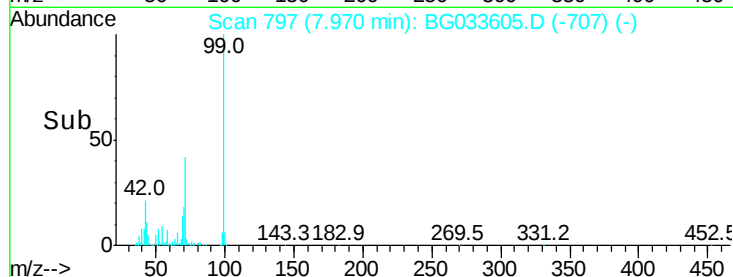
71 42.4 26.1 39.1#



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: 14.513 ng

RT: 10.06 min Scan# 1153

Delta R.T. 0.40 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

Tgt Ion: 70 Resp: 29608

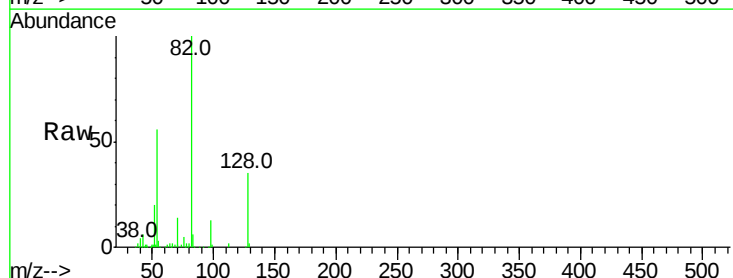
Ion Ratio Lower Upper

70 100

42 40.6 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

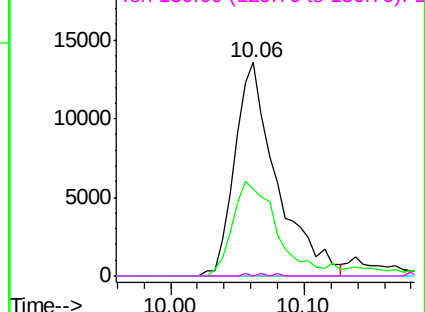
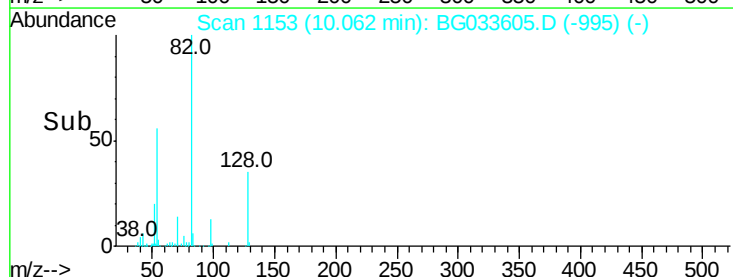


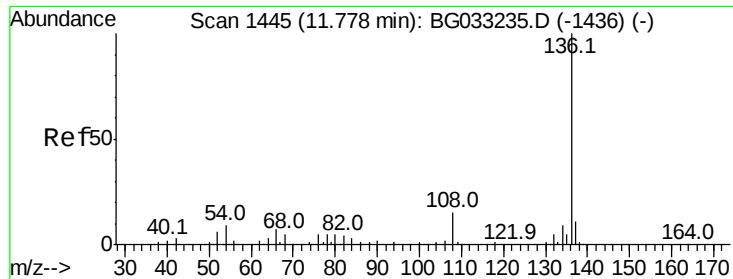
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

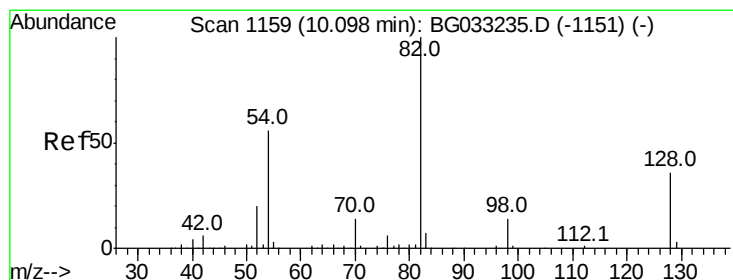
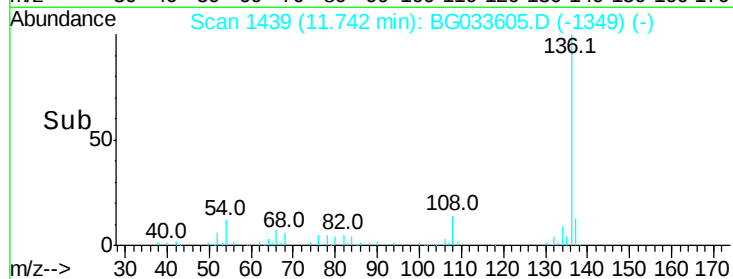
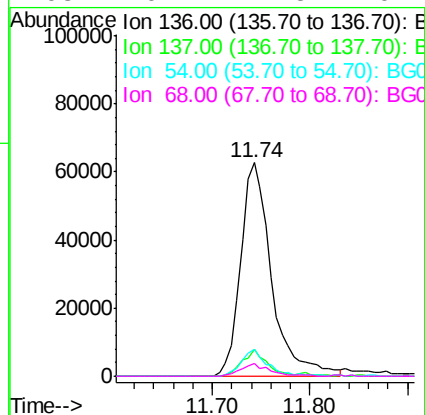
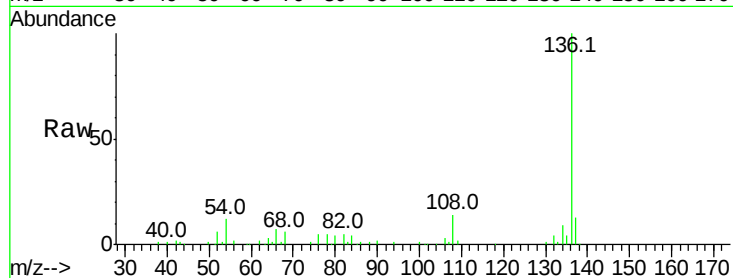




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

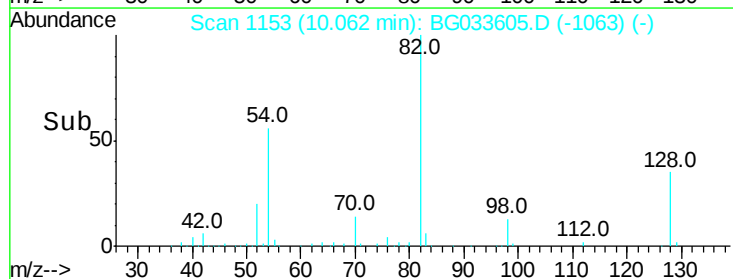
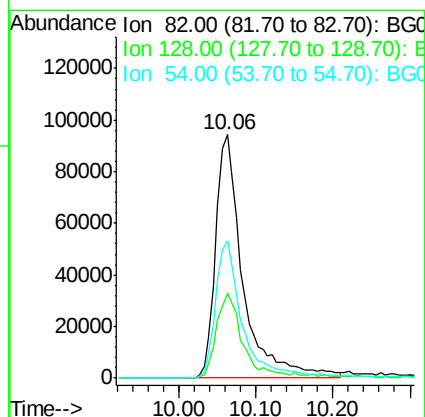
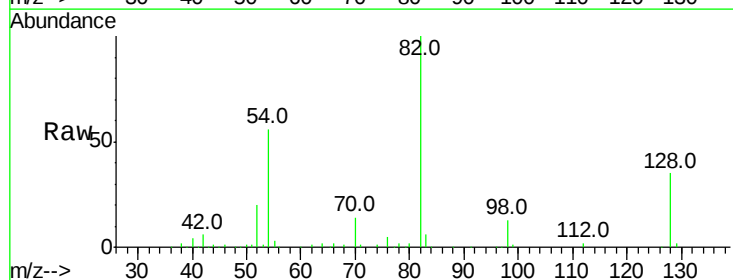
Instrument :
BNA_G
ClientSampled :

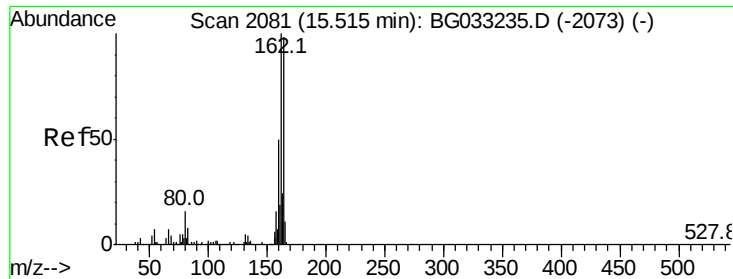
Tot Ion:	136	Resp:	138808
Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	12.3	10.3	15.5
68	6.1	4.5	6.7



#23
Nitrobenzene-d5
Concen: 76.479 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

Tgt Ion:	82	Resp:	231060
Ion	Ratio	Lower	Upper
82	100		
128	34.6	29.7	44.5
54	56.4	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: BG033605.D

Acq: 5 Apr 2018 22:56

Instrument :

BNA_G

ClientSampleId :

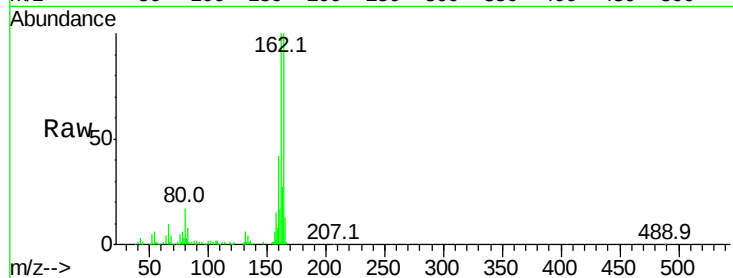
Tot Ion:164 Resp: 115743

Ion Ratio Lower Upper

164 100

162 99.6 78.8 118.2

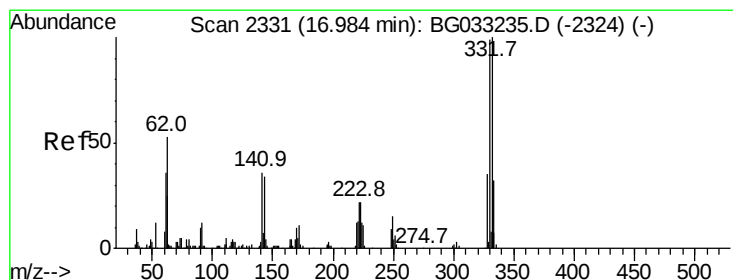
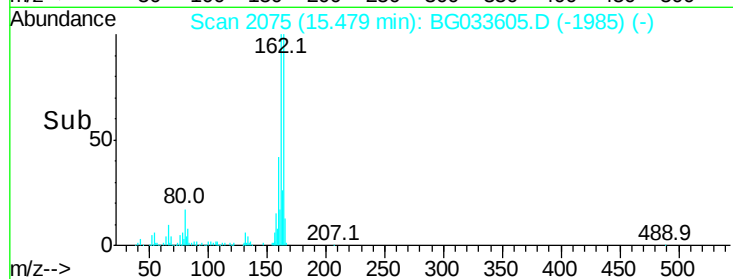
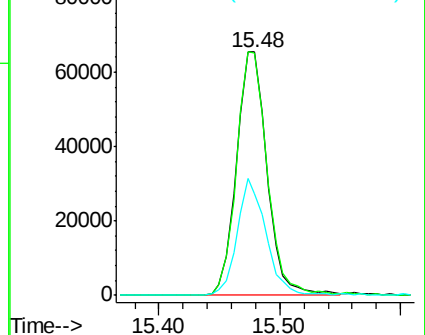
160 41.5 35.4 53.0



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: 97.225 ng

RT: 16.95 min Scan# 2325

Delta R.T. -0.01 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

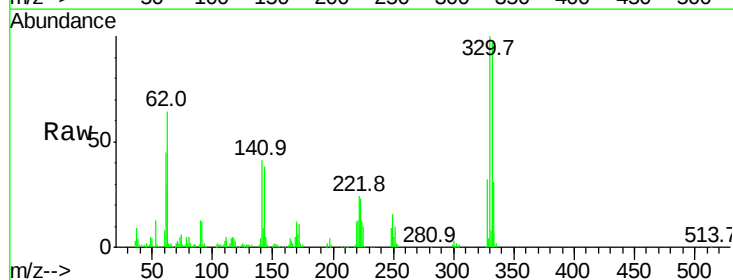
Tgt Ion:330 Resp: 168303

Ion Ratio Lower Upper

330 100

332 98.7 77.0 115.6

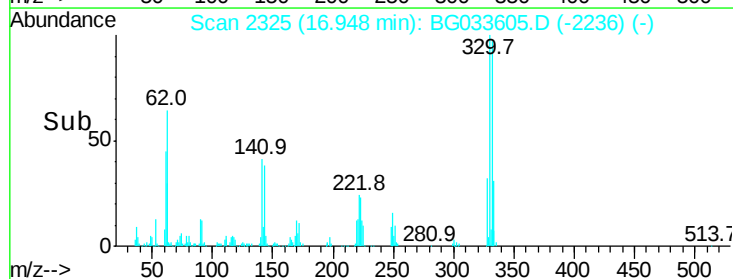
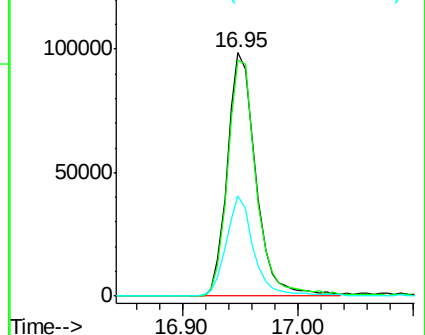
141 39.2 25.2 37.8#

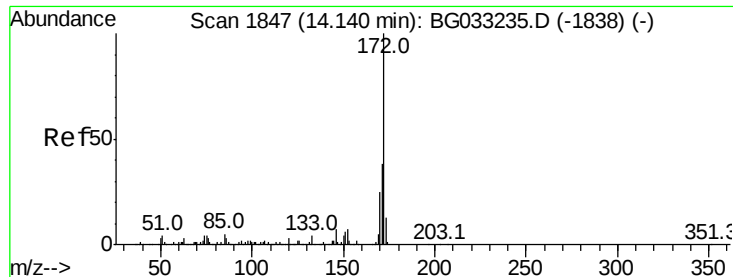


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

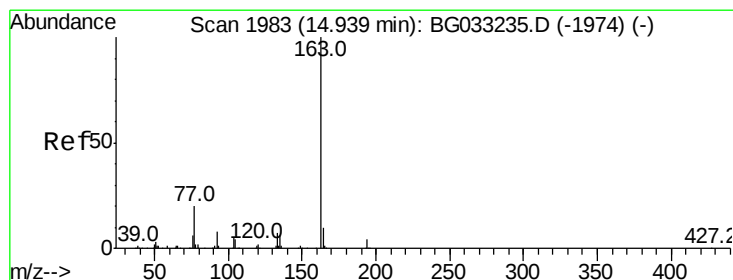
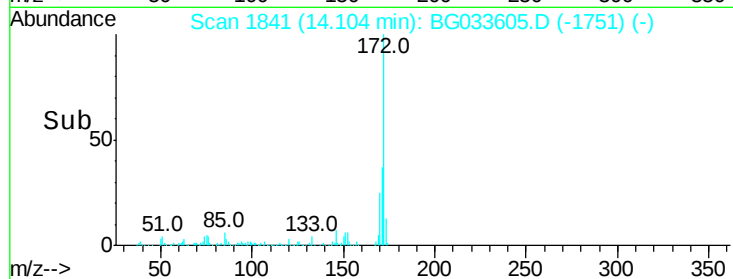
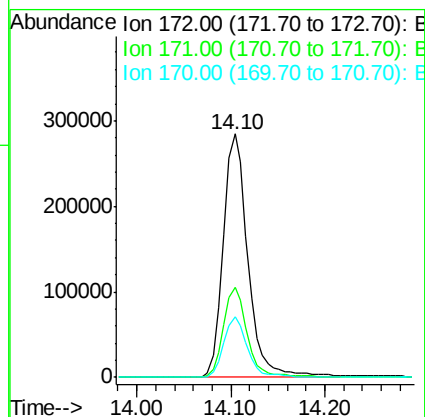
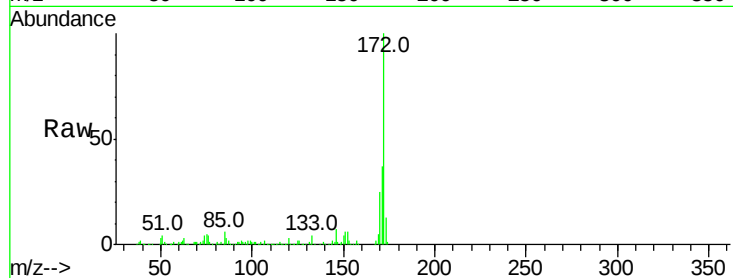




#44
2-Fluorobiphenyl
Concen: 65.220 ng
RT: 14.10 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

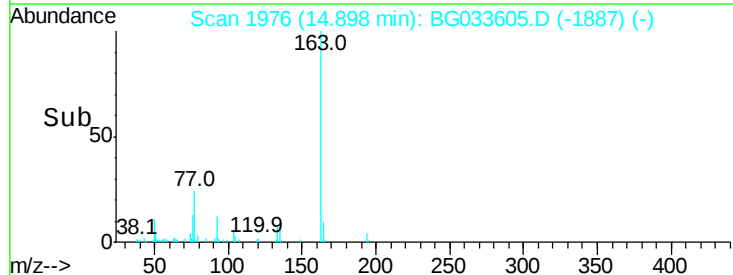
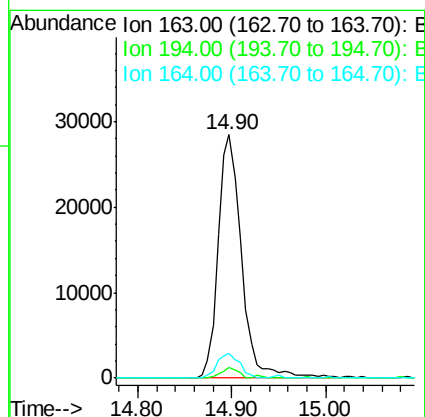
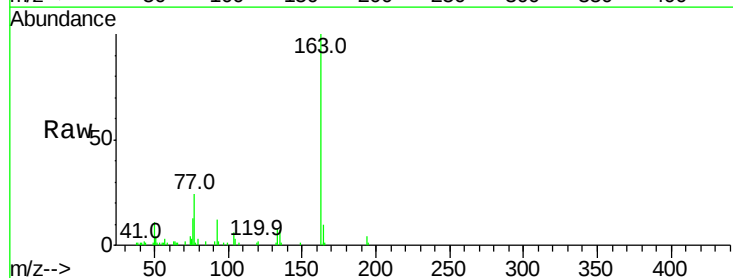
Instrument :
BNA_G
ClientSampleId :

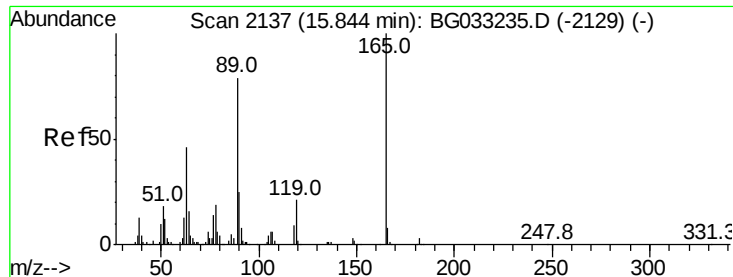
Tot Ion:172 Resp: 522903
Ion Ratio Lower Upper
172 100
171 36.8 30.0 45.0
170 25.0 19.5 29.3



#49
Dimethylphthalate
Concen: 4.941 ng
RT: 14.90 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

Tgt Ion:163 Resp: 49769
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.9 8.2 12.4

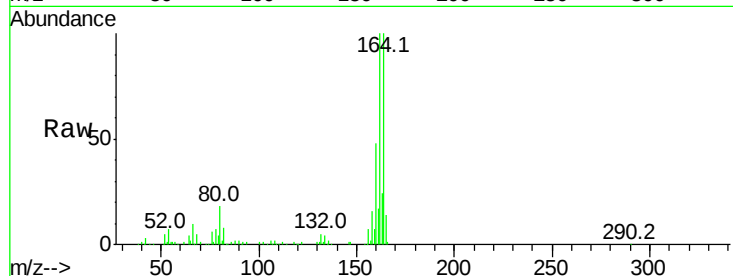




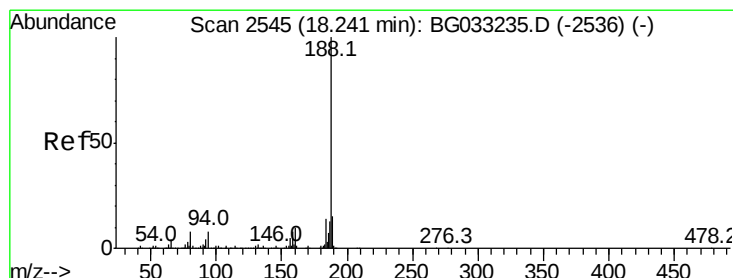
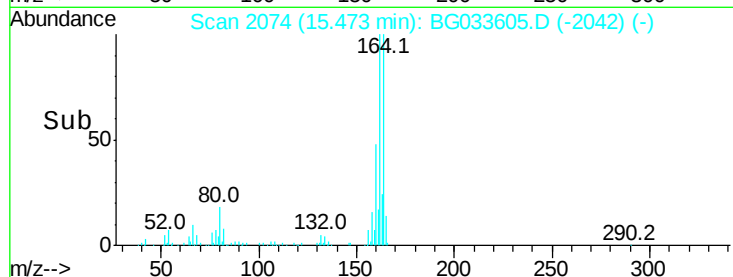
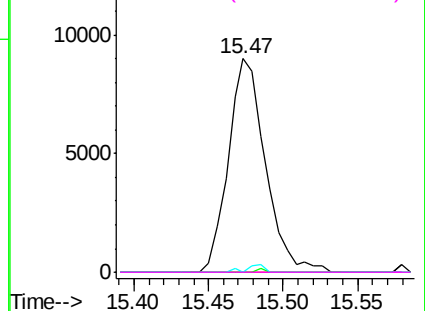
#56
2,4-Dinitrotoluene
Concen: 5.149 ng
RT: 15.47 min Scan# 2074
Delta R.T. -0.34 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165 Resp: 15615
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#

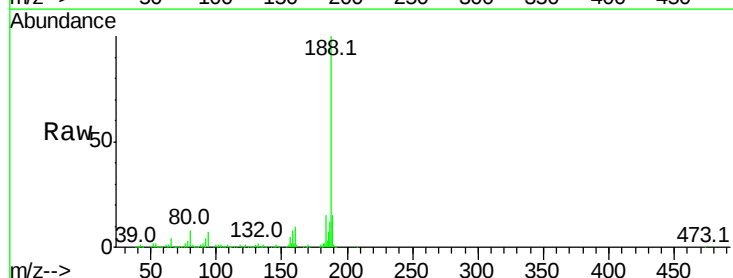


Abundance Ion 165.00 (164.70 to 165.70): E

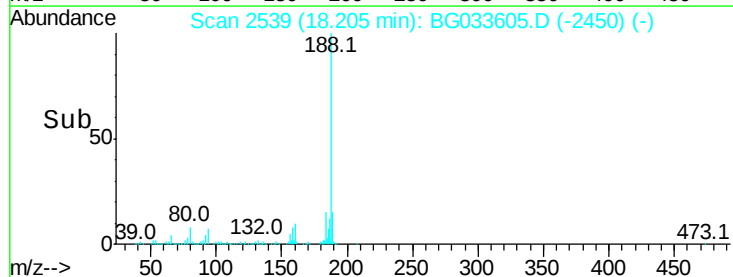
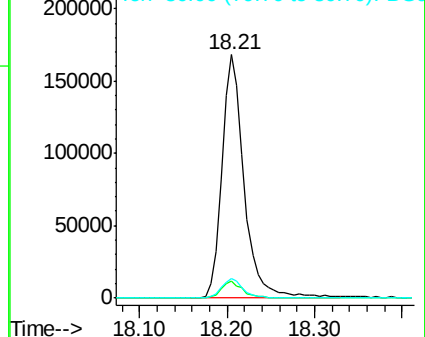


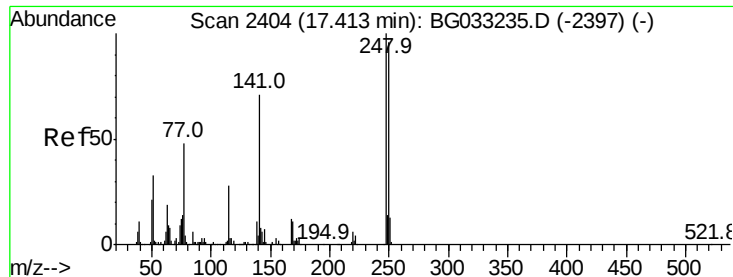
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2539
Delta R.T. -0.01 min
Lab File: BG033605.D
Acq: 5 Apr 2018 22:56

Tgt Ion:188 Resp: 292879
Ion Ratio Lower Upper
188 100
94 7.0 6.9 10.3
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

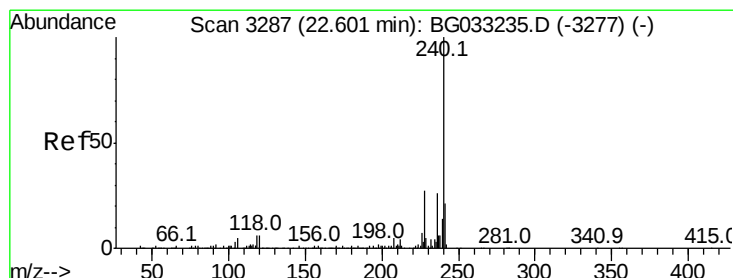
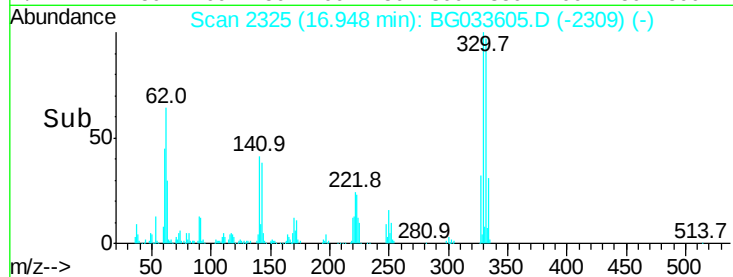
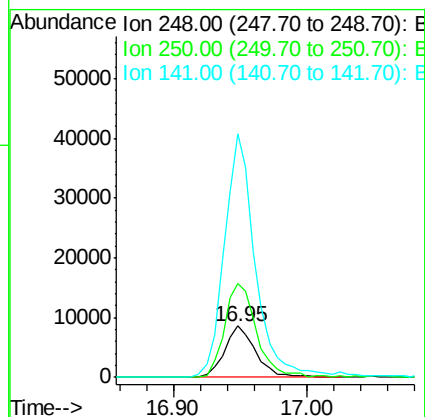
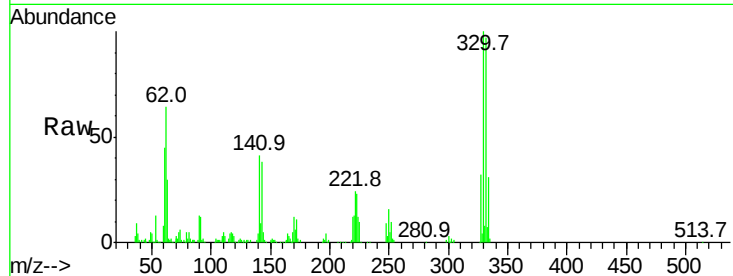




#66
 4-Bromophenyl-phenylether
 Concen: 4.054 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.43 min
 Lab File: BG033605.D
 Acq: 5 Apr 2018 22:56

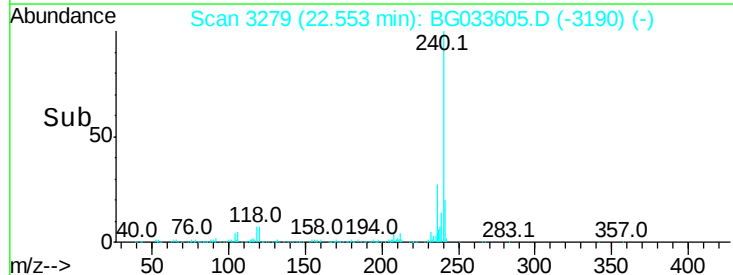
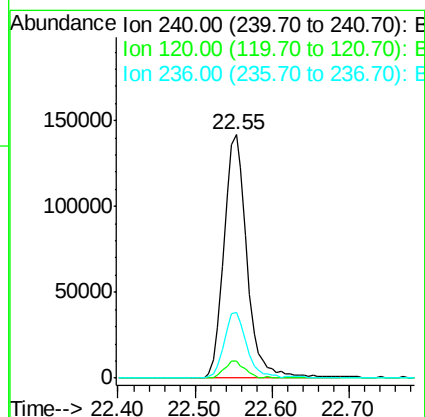
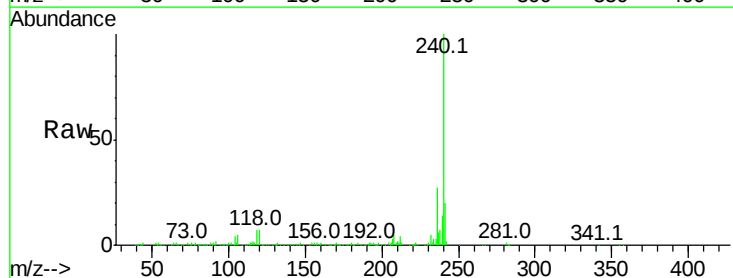
Instrument :
 BNA_G
 ClientSampled :

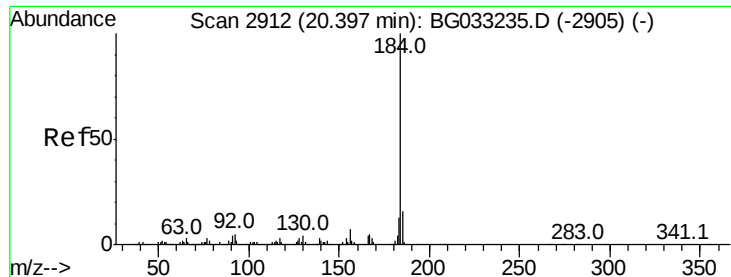
Tot Ion:248 Resp: 13945
 Ion Ratio Lower Upper
 248 100
 250 183.8 77.1 115.7#
 141 476.1 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3279
 Delta R.T. -0.01 min
 Lab File: BG033605.D
 Acq: 5 Apr 2018 22:56

Tgt Ion:240 Resp: 294901
 Ion Ratio Lower Upper
 240 100
 120 6.8 6.8 10.2
 236 26.8 20.9 31.3





#76

Benzidine

Concen: 2.004 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.36 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

Instrument :

BNA_G

ClientSampleId :

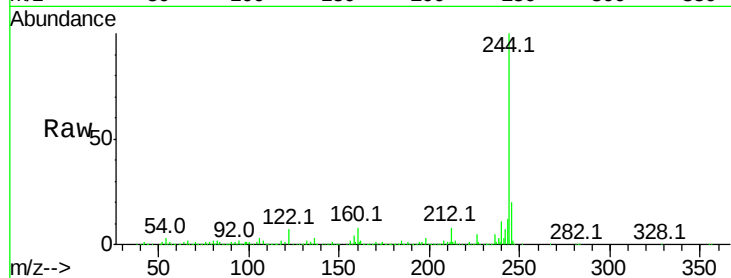
Tot Ion:184 Resp: 16025

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

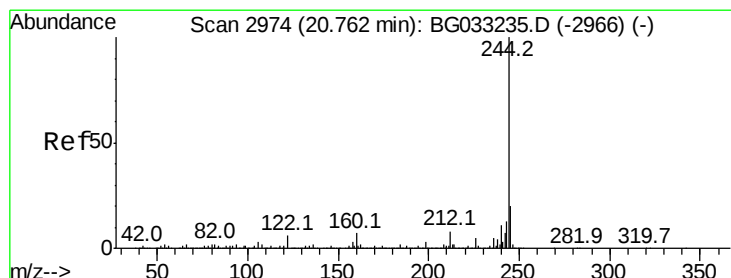
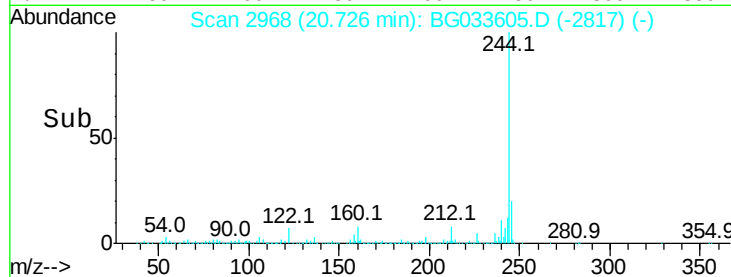
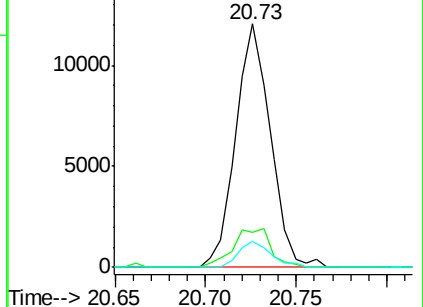
183 10.6 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 69.190 ng

RT: 20.73 min Scan# 2968

Delta R.T. -0.00 min

Lab File: BG033605.D

Acq: 5 Apr 2018 22:56

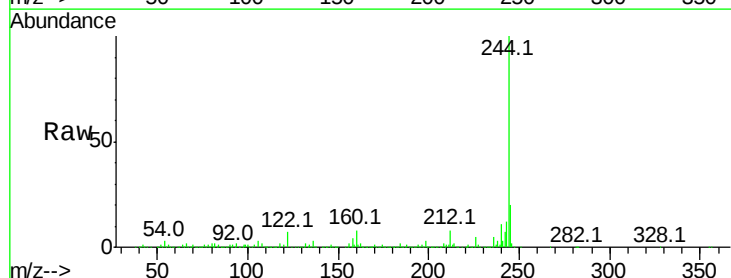
Tgt Ion:244 Resp: 954086

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

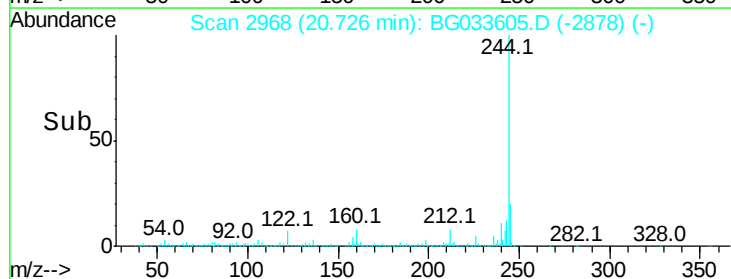
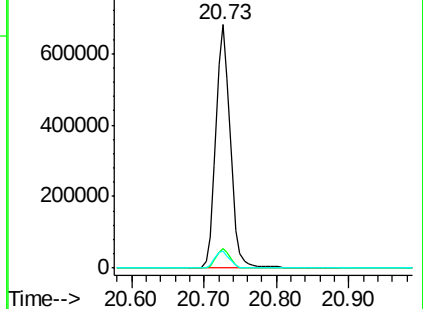
122 7.0 7.0 10.4

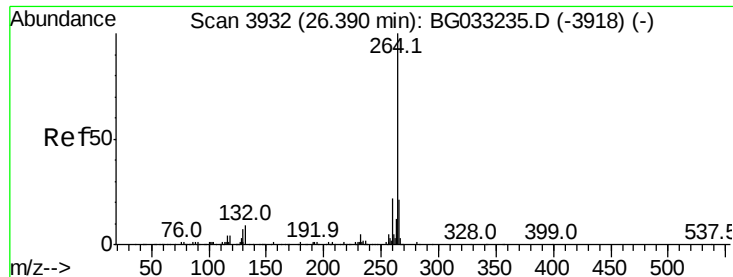


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG033605.D
 Acq: 5 Apr 2018 22:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.4	17.7	26.5

