

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG031918\
 Data File : BG033249.D
 Acq On : 19 Mar 2018 20:58
 Operator : SJ/JU
 Sample : PB107449BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 20 03:39:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

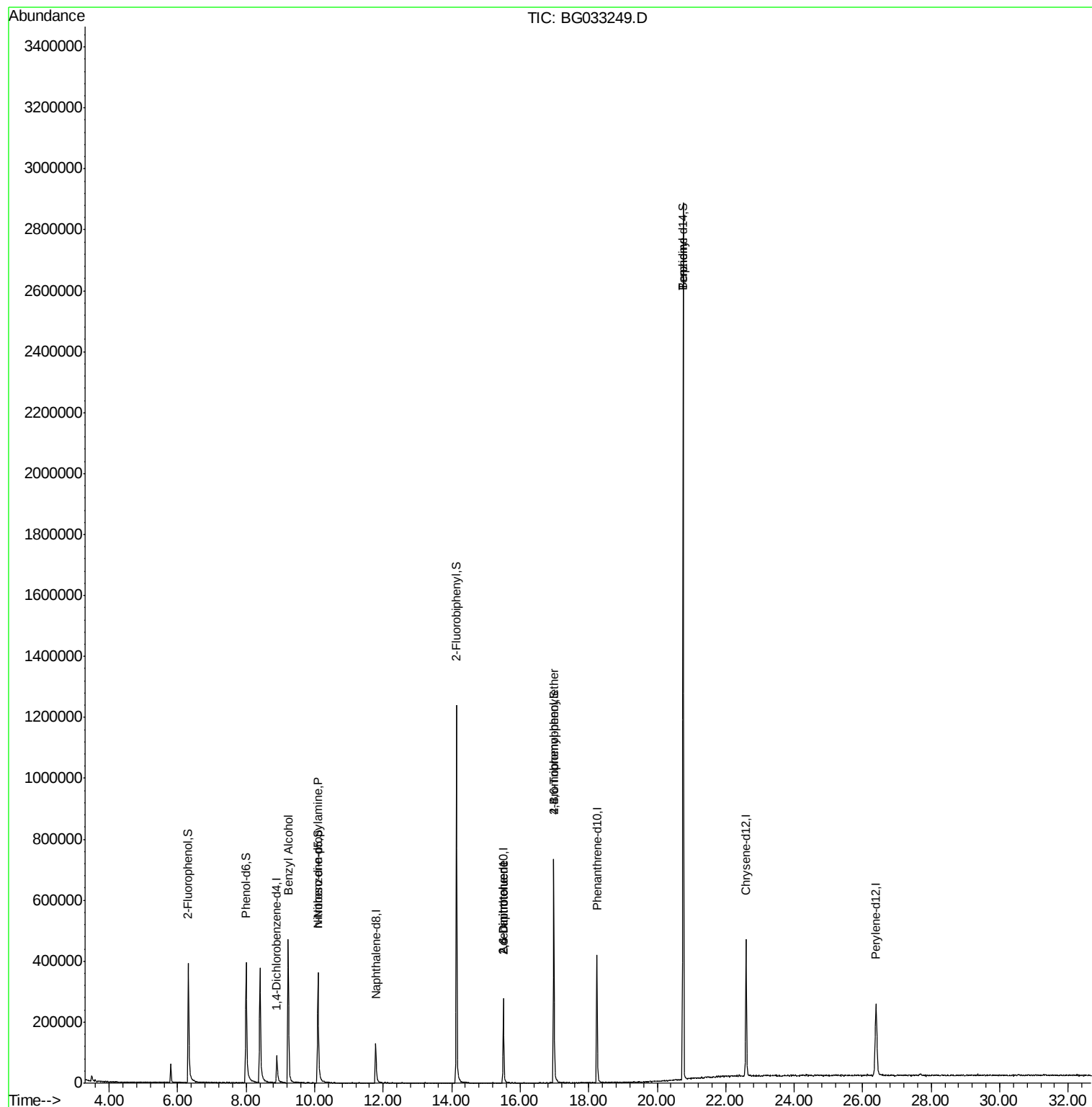
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	34180	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	142389	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	109585	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	312856	20.00	ng	0.00
75) Chrysene-d12	22.59	240	334831	20.00	ng	0.00
86) Perylene-d12	26.39	264	340513	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	204365	112.11	ng	0.00
7) Phenol-d6	8.00	99	306365	97.82	ng	0.00
23) Nitrobenzene-d5	10.09	82	298471	96.31	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	162991	99.45	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	733270	96.60	ng	0.00
78) Terphenyl-d14	20.76	244	1441916	92.10	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.22	79	5688	2.307	ng	# 50
19) n-Nitroso-di-n-propylamine	10.09	70	39540	17.229	ng	# 81
50) 2,6-Dinitrotoluene	15.50	165	14370	7.369	ng	# 20
56) 2,4-Dinitrotoluene	15.50	165	14370	5.005	ng	# 18
66) 4-Bromophenyl-phenylether	16.98	248	12533	3.411	ng	# 1
76) Benzidine	20.76	184	23548	2.593	ng	# 91

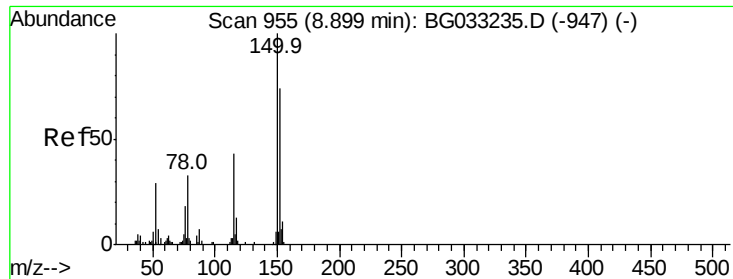
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG031918\
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QLast Update : Mon Mar 19 16:48:53 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.89 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

Instrument :

BNA_G

ClientSampleId :

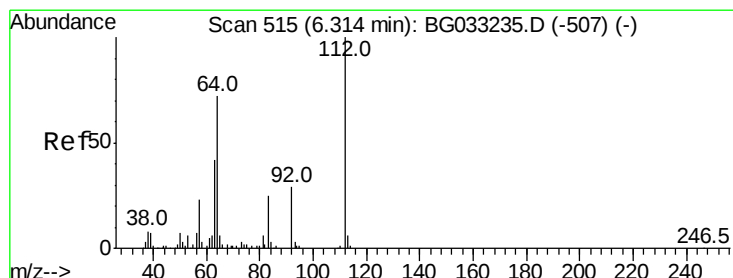
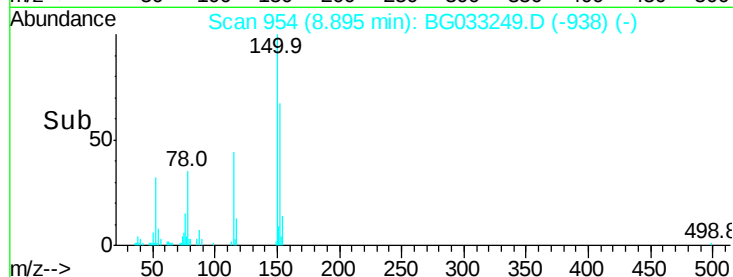
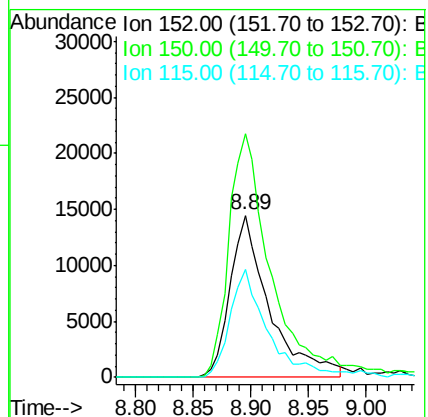
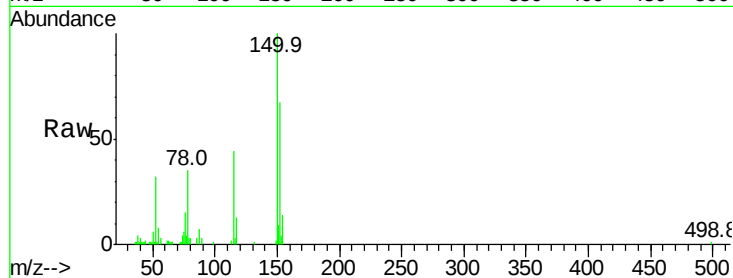
Tot Ion:152 Resp: 34180

Ion Ratio Lower Upper

152 100

150 150.2 126.6 189.8

115 66.4 53.0 79.4



#5

2-Fluorophenol

Concen: 112.115 ng

RT: 6.31 min Scan# 514

Delta R.T. -0.00 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

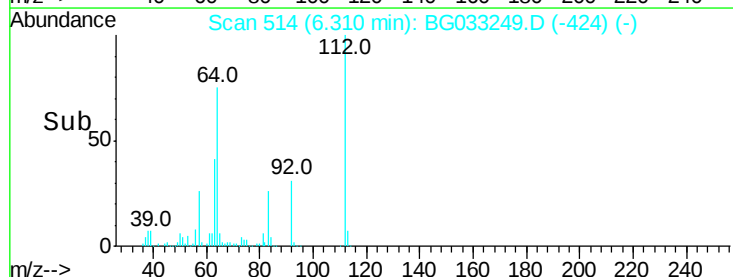
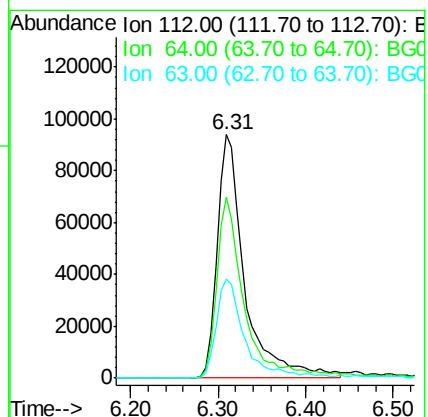
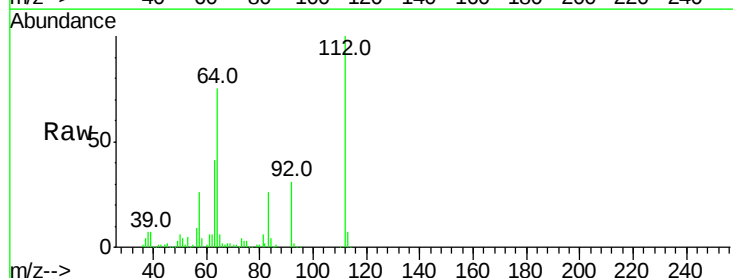
Tgt Ion:112 Resp: 204365

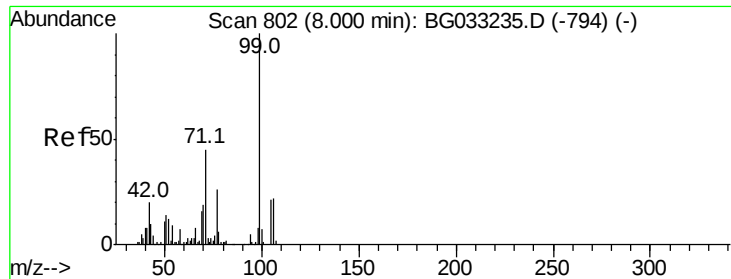
Ion Ratio Lower Upper

112 100

64 74.5 56.3 84.5

63 40.7 30.1 45.1





#7

Phenol-d6

Concen: 97.819 ng

RT: 8.00 min Scan# 801

Delta R.T. -0.00 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

Instrument :

BNA_G

ClientSampleId :

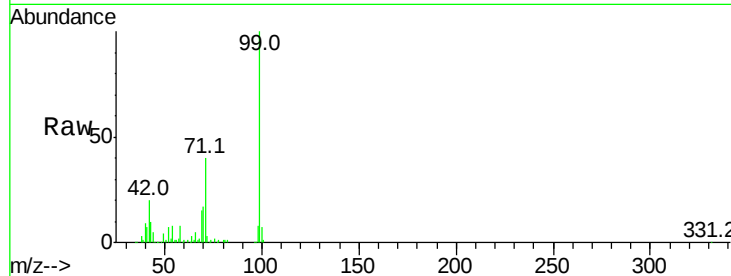
Tot Ion: 99 Resp: 306365

Ion Ratio Lower Upper

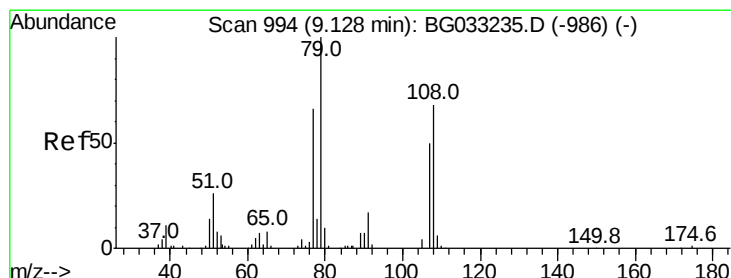
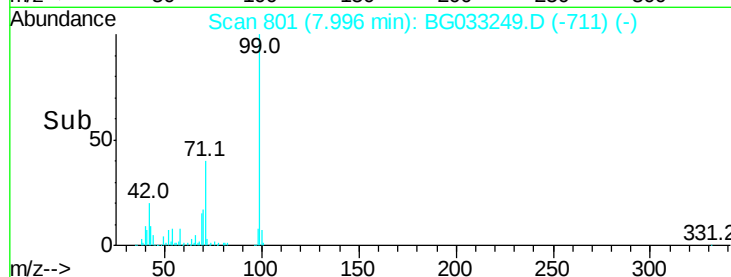
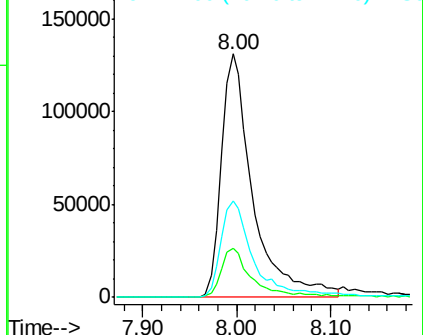
99 100

42 19.9 14.1 21.1

71 39.6 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



#15

Benzyl Alcohol

Concen: 2.307 ng

RT: 9.22 min Scan# 1010

Delta R.T. 0.10 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

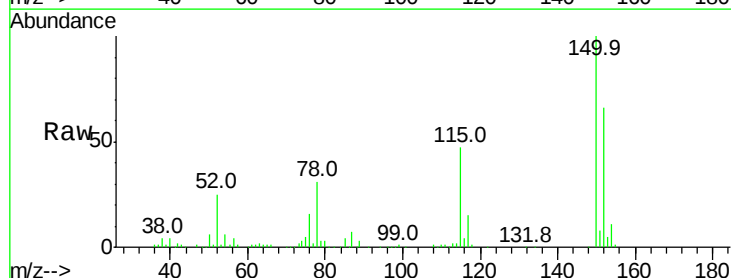
Tgt Ion: 79 Resp: 5688

Ion Ratio Lower Upper

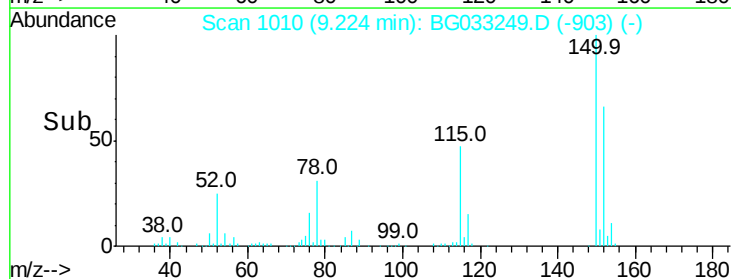
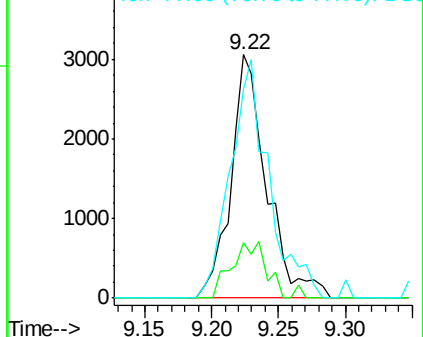
79 100

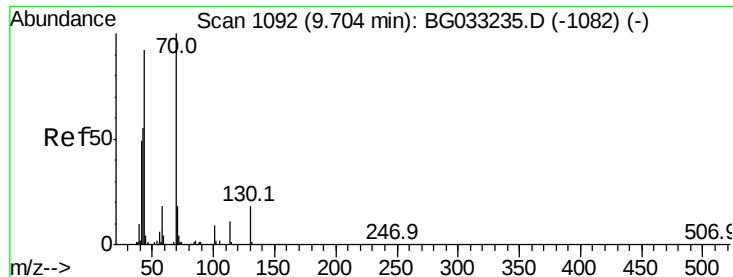
108 22.8 57.2 85.8#

77 86.1 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

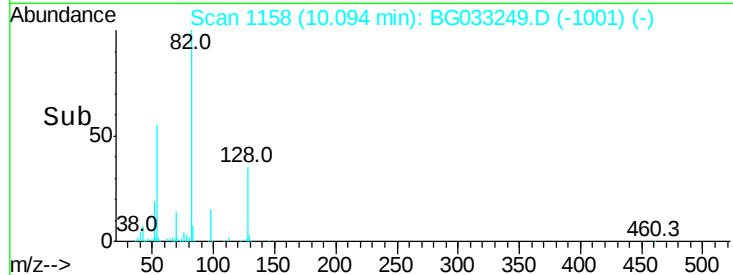
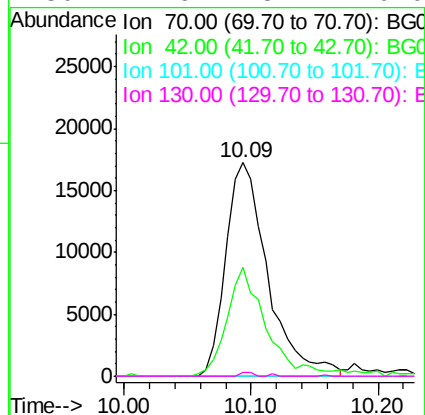
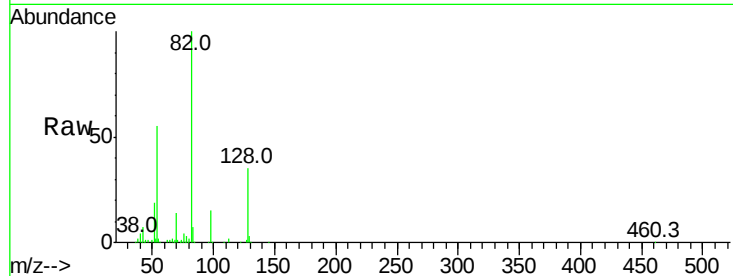




#19
n-Nitroso-di-n-propylamine
Concen: 17.229 ng
RT: 10.09 min Scan# 1158
Delta R.T. 0.39 min
Lab File: BG033249.D
Acq: 19 Mar 2018 20:58

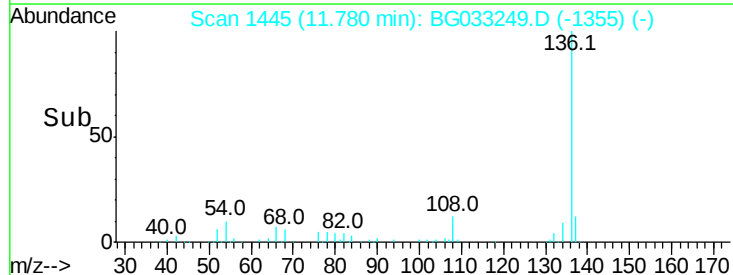
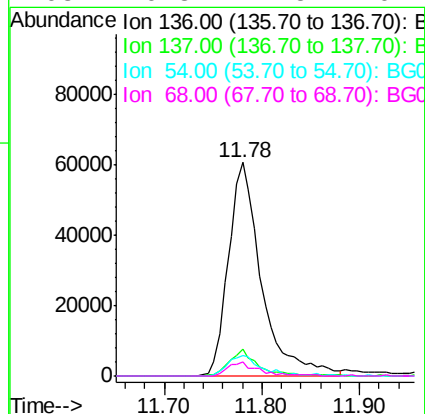
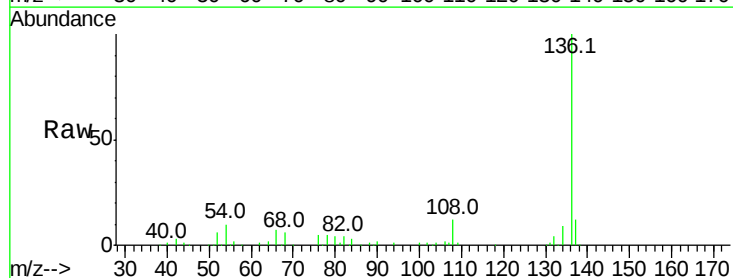
Instrument :
BNA_G
ClientSampled :

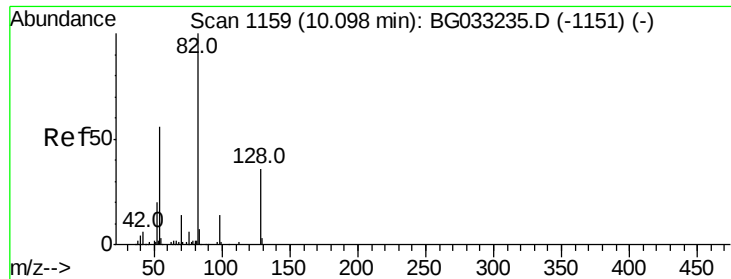
Tot Ion: 70 Resp: 39540
Ion Ratio Lower Upper
70 100
42 51.0 49.1 73.7
101 0.0 8.5 12.7#
130 1.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.78 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BG033249.D
Acq: 19 Mar 2018 20:58

Tgt Ion: 136 Resp: 142389
Ion Ratio Lower Upper
136 100
137 12.4 9.2 13.8
54 9.6 10.3 15.5#
68 6.3 4.5 6.7

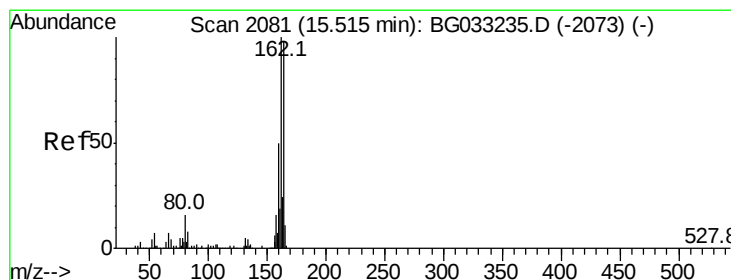
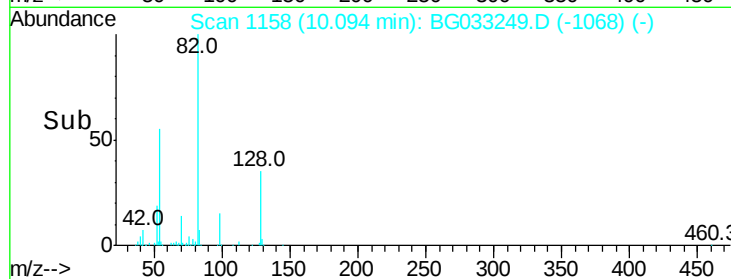
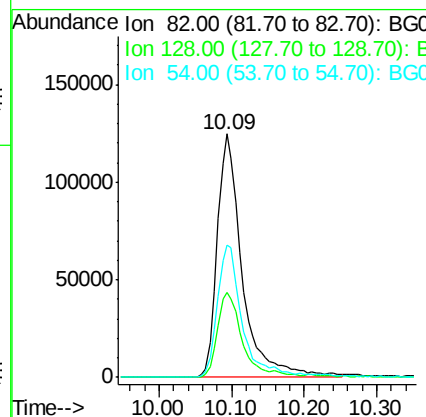
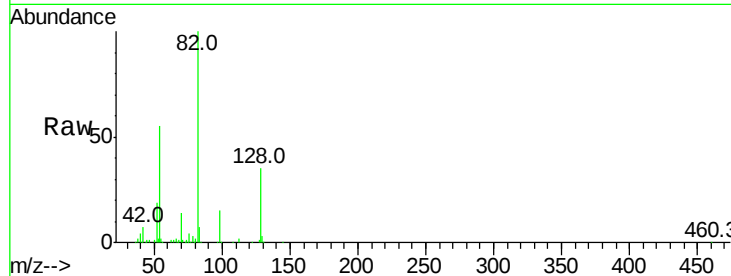




#23
 Nitrobenzene-d5
 Concen: 96.306 ng
 RT: 10.09 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BG033249.D
 Acq: 19 Mar 2018 20:58

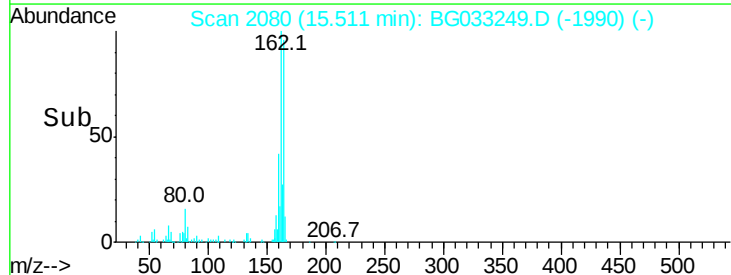
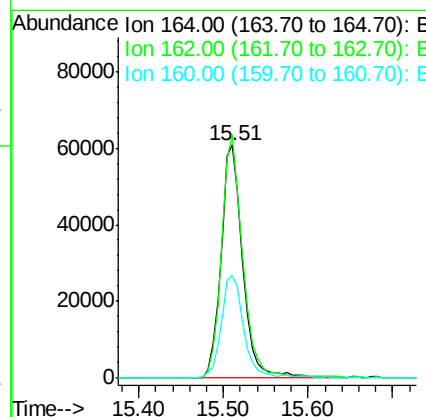
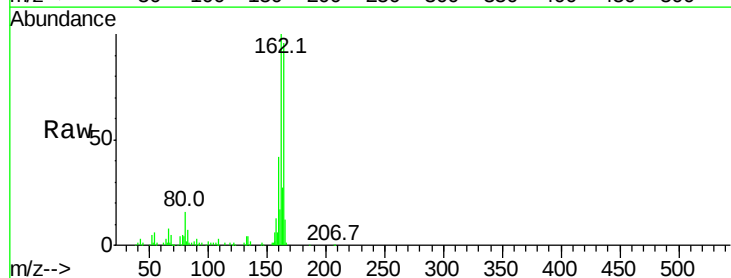
Instrument :
 BNA_G
 ClientSampleId :

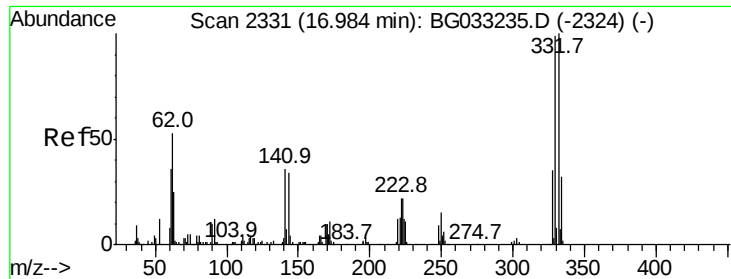
Tot Ion: 82 Resp: 298471
 Ion Ratio Lower Upper
 82 100
 128 35.1 29.7 44.5
 54 54.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG033249.D
 Acq: 19 Mar 2018 20:58

Tgt Ion: 164 Resp: 109585
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.8 118.2
 160 44.1 35.4 53.0

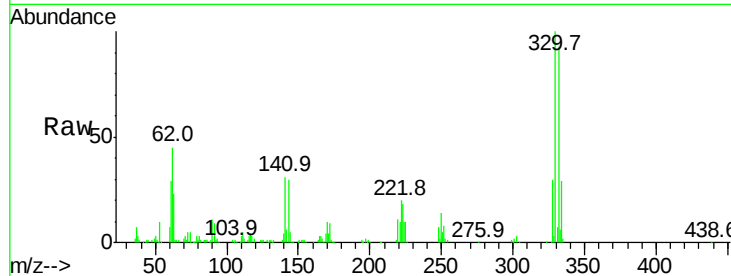




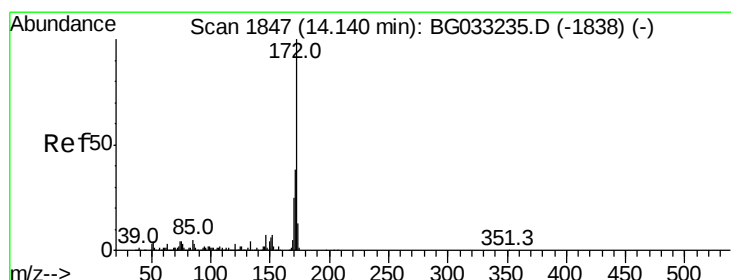
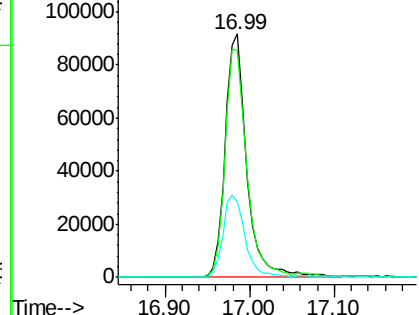
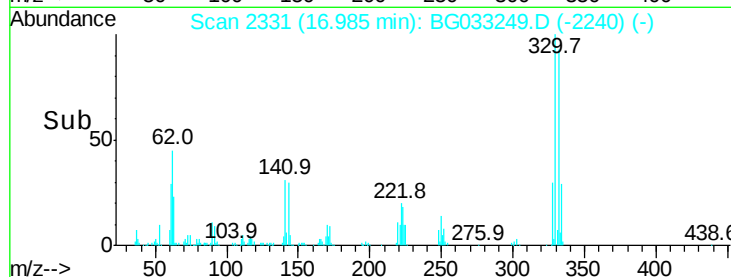
#41
 2,4,6-Tribromophenol
 Concen: 99.447 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033249.D
 Acq: 19 Mar 2018 20:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 162991
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 34.6 25.2 37.8

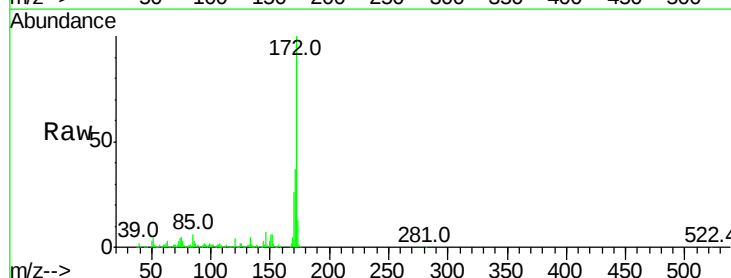


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

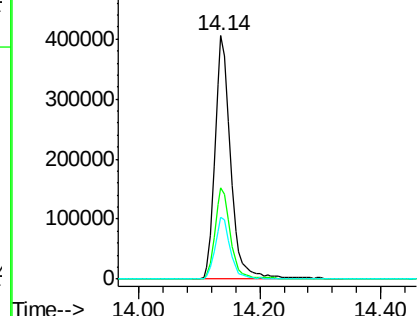
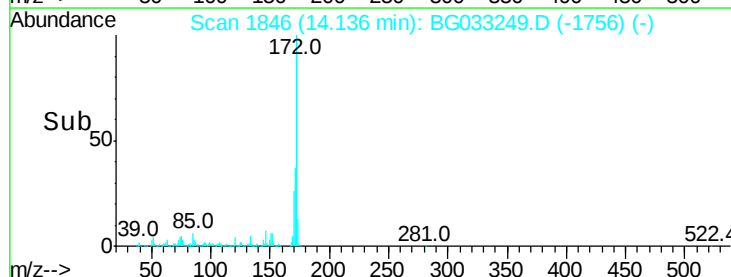


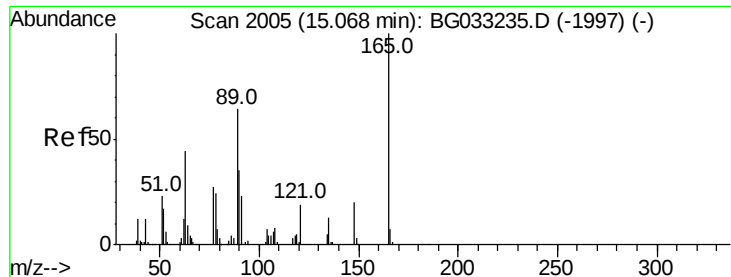
#44
 2-Fluorobiphenyl
 Concen: 96.598 ng
 RT: 14.14 min Scan# 1846
 Delta R.T. -0.00 min
 Lab File: BG033249.D
 Acq: 19 Mar 2018 20:58

Tgt Ion:172 Resp: 733270
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 25.6 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

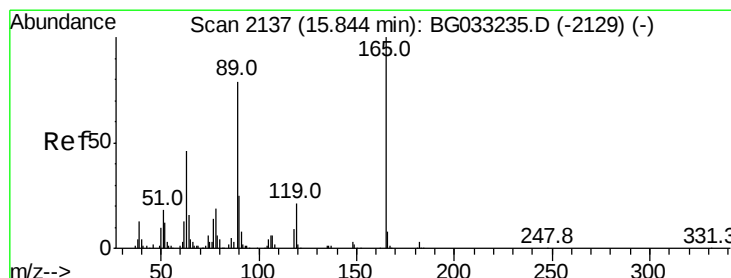
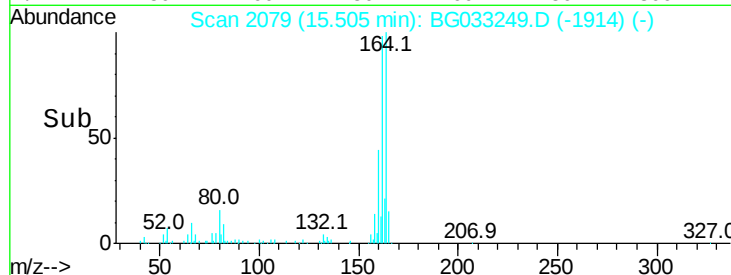
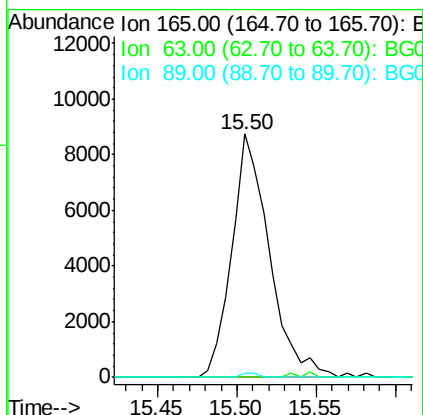
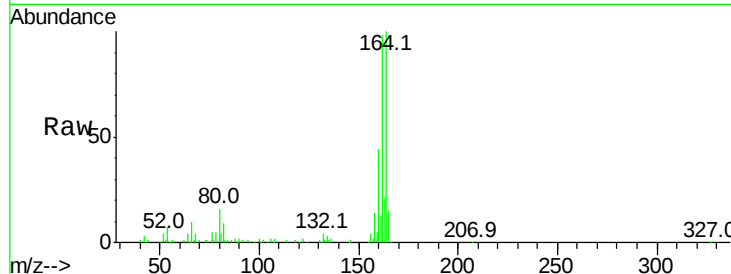




#50
2,6-Dinitrotoluene
Concen: 7.369 ng
RT: 15.50 min Scan# 2079
Delta R.T. 0.44 min
Lab File: BG033249.D
Acq: 19 Mar 2018 20:58

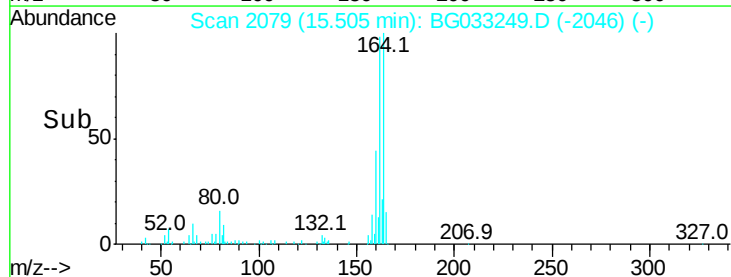
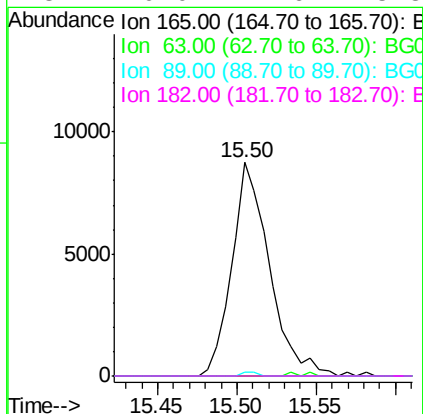
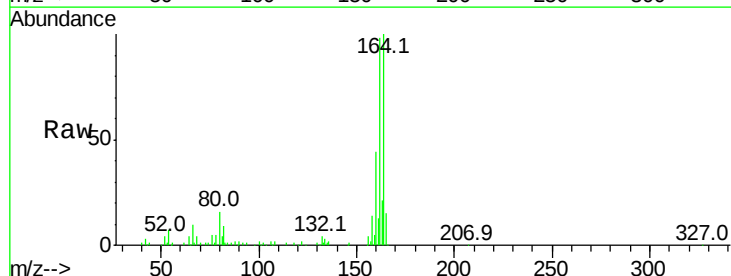
Instrument :
BNA_G
ClientSampleId :

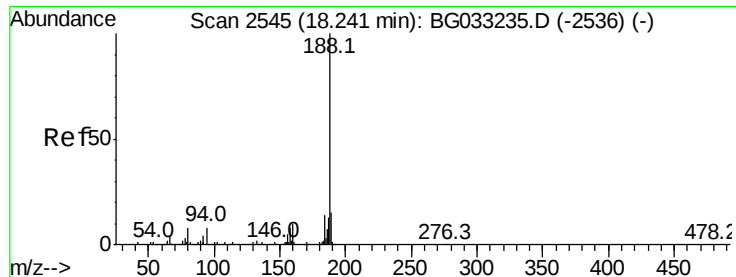
Tot Ion:165 Resp: 14370
Ion Ratio Lower Upper
165 100
63 0.0 52.7 79.1#
89 1.9 49.2 73.8#



#56
2,4-Dinitrotoluene
Concen: 5.005 ng
RT: 15.50 min Scan# 2079
Delta R.T. -0.34 min
Lab File: BG033249.D
Acq: 19 Mar 2018 20:58

Tgt Ion:165 Resp: 14370
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 1.9 66.9 100.3#
182 0.0 2.6 3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

Instrument :

BNA_G

ClientSampleId :

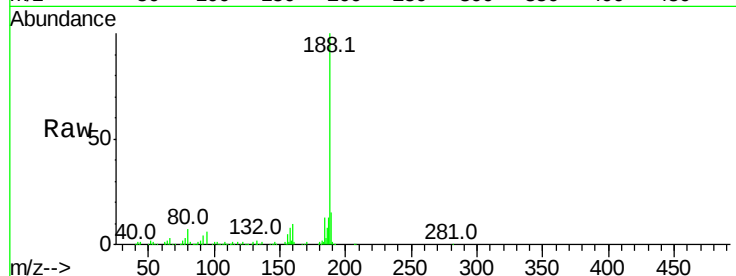
Tot Ion:188 Resp: 312856

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

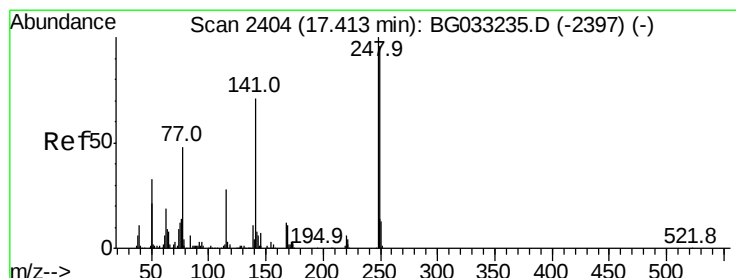
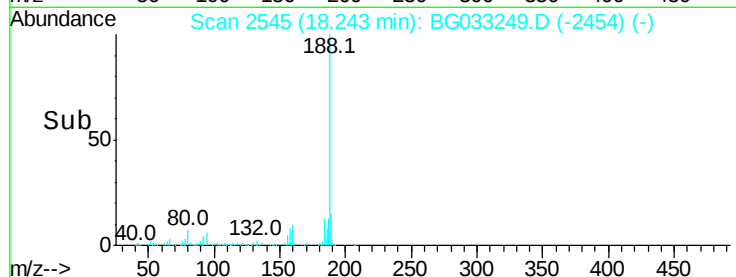
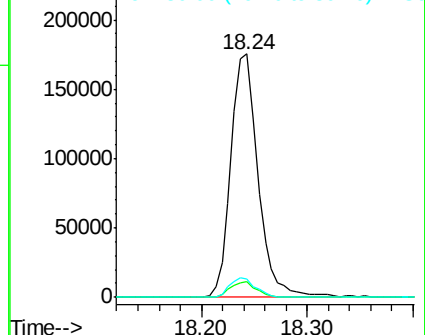
80 7.3 7.7 11.5#



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: 3.411 ng

RT: 16.98 min Scan# 2330

Delta R.T. -0.43 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

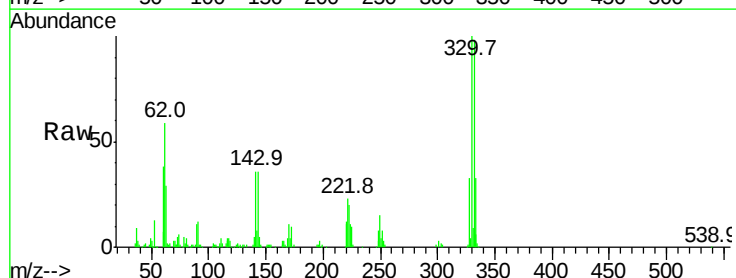
Tgt Ion:248 Resp: 12533

Ion Ratio Lower Upper

248 100

250 197.6 77.1 115.7#

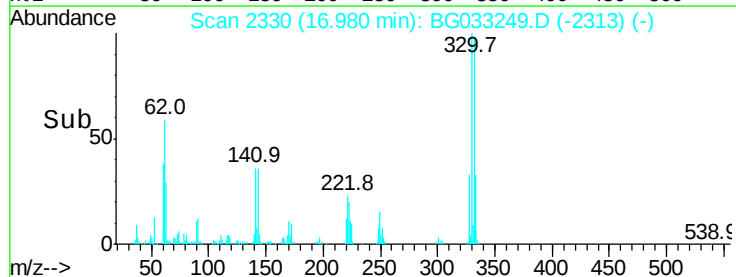
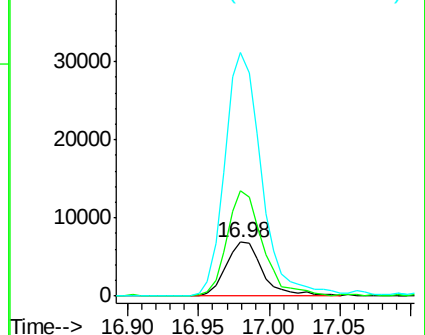
141 454.0 50.8 76.2#

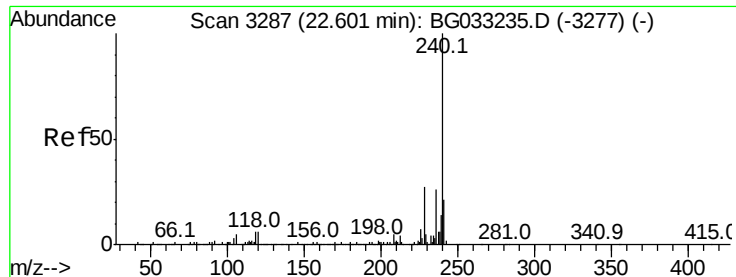


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.59 min Scan# 3285

Delta R.T. -0.01 min

Lab File: BG033249.D

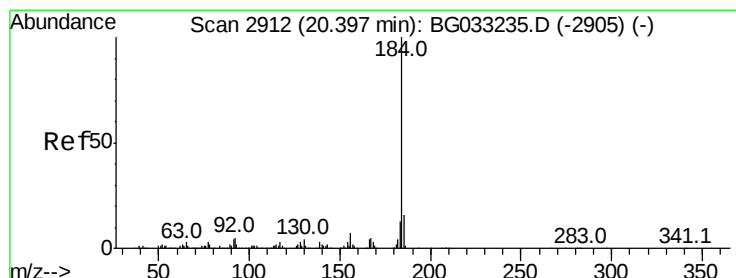
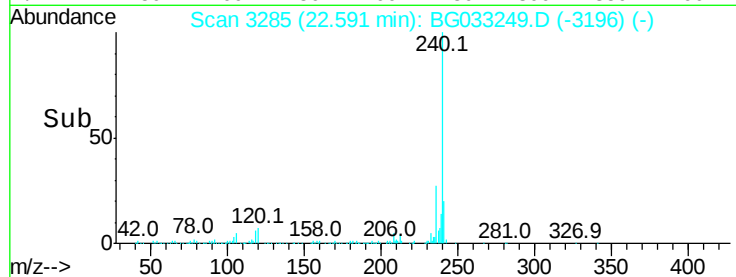
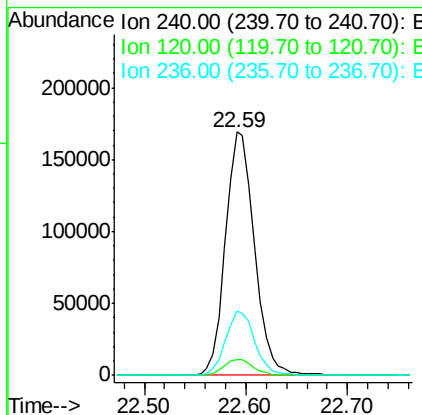
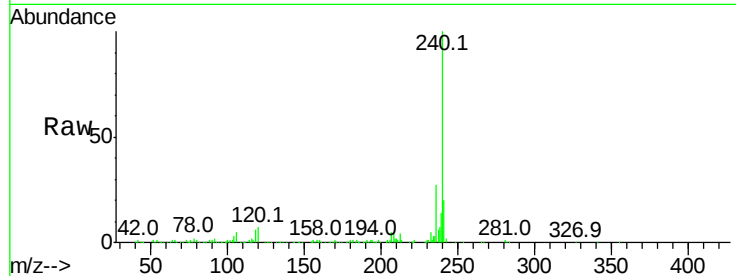
Acq: 19 Mar 2018 20:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	240	Resp:	334831
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.8	10.2#
236	26.6	20.9	31.3



#76

Benzidine

Concen: 2.593 ng

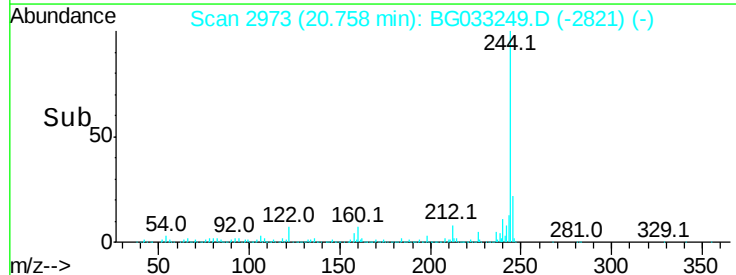
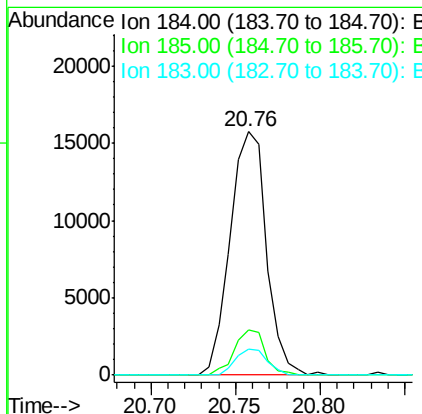
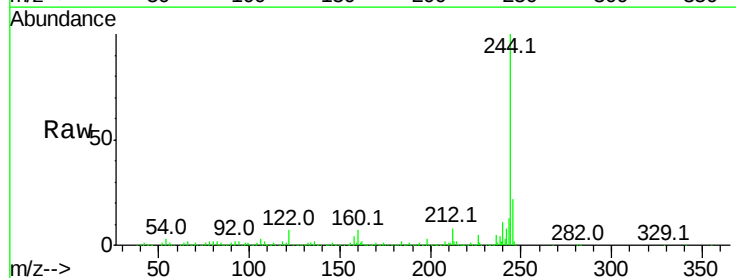
RT: 20.76 min Scan# 2973

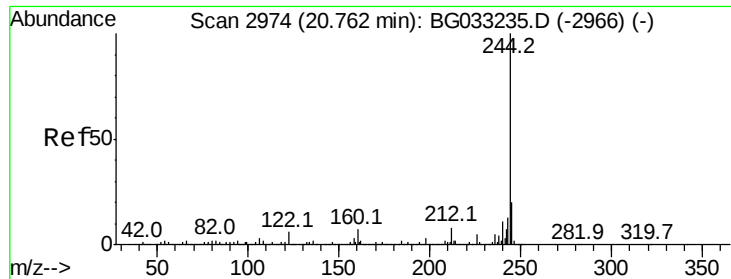
Delta R.T. 0.36 min

Lab File: BG033249.D

Acq: 19 Mar 2018 20:58

Tgt Ion:	184	Resp:	23548
Ion Ratio	Lower	Upper	
184	100		
185	18.3	11.1	16.7#
183	10.7	10.6	16.0



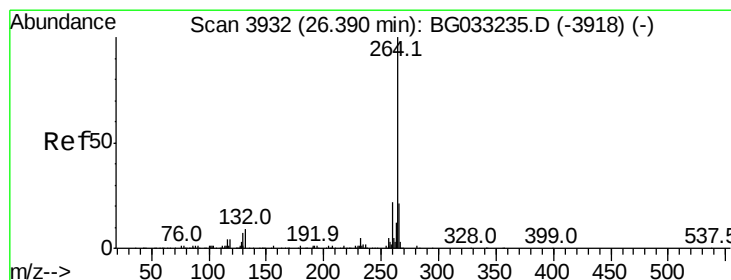
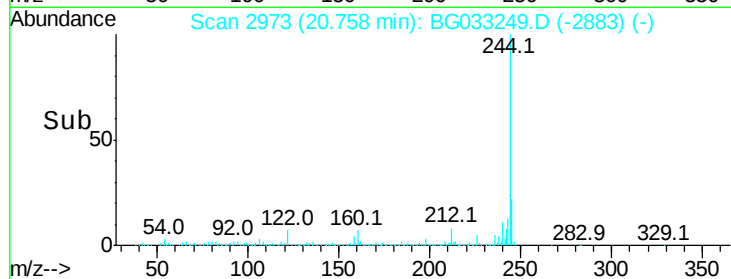
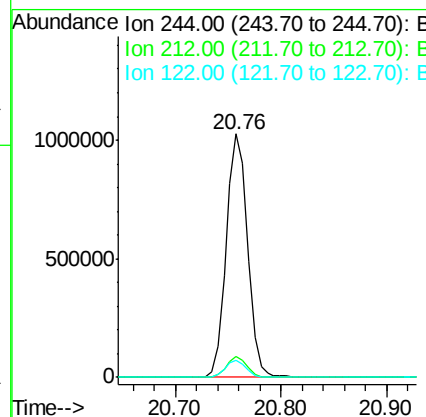
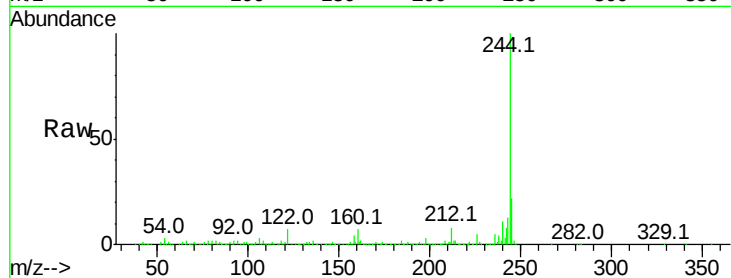


#78
 Terphenyl-d14
 Concen: 92.097 ng
 RT: 20.76 min Scan# 2973
 Delta R.T. -0.00 min
 Lab File: BG033249.D
 Acq: 19 Mar 2018 20:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1441916

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	7.1	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.39 min Scan# 3931
 Delta R.T. -0.01 min
 Lab File: BG033249.D
 Acq: 19 Mar 2018 20:58

Tgt Ion:264 Resp: 340513

Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.2	17.7	26.5

