

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
 Data File : BG033542.D
 Acq On : 4 Apr 2018 3:13
 Operator : SJ/JU
 Sample : J2175-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 04:37:42 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

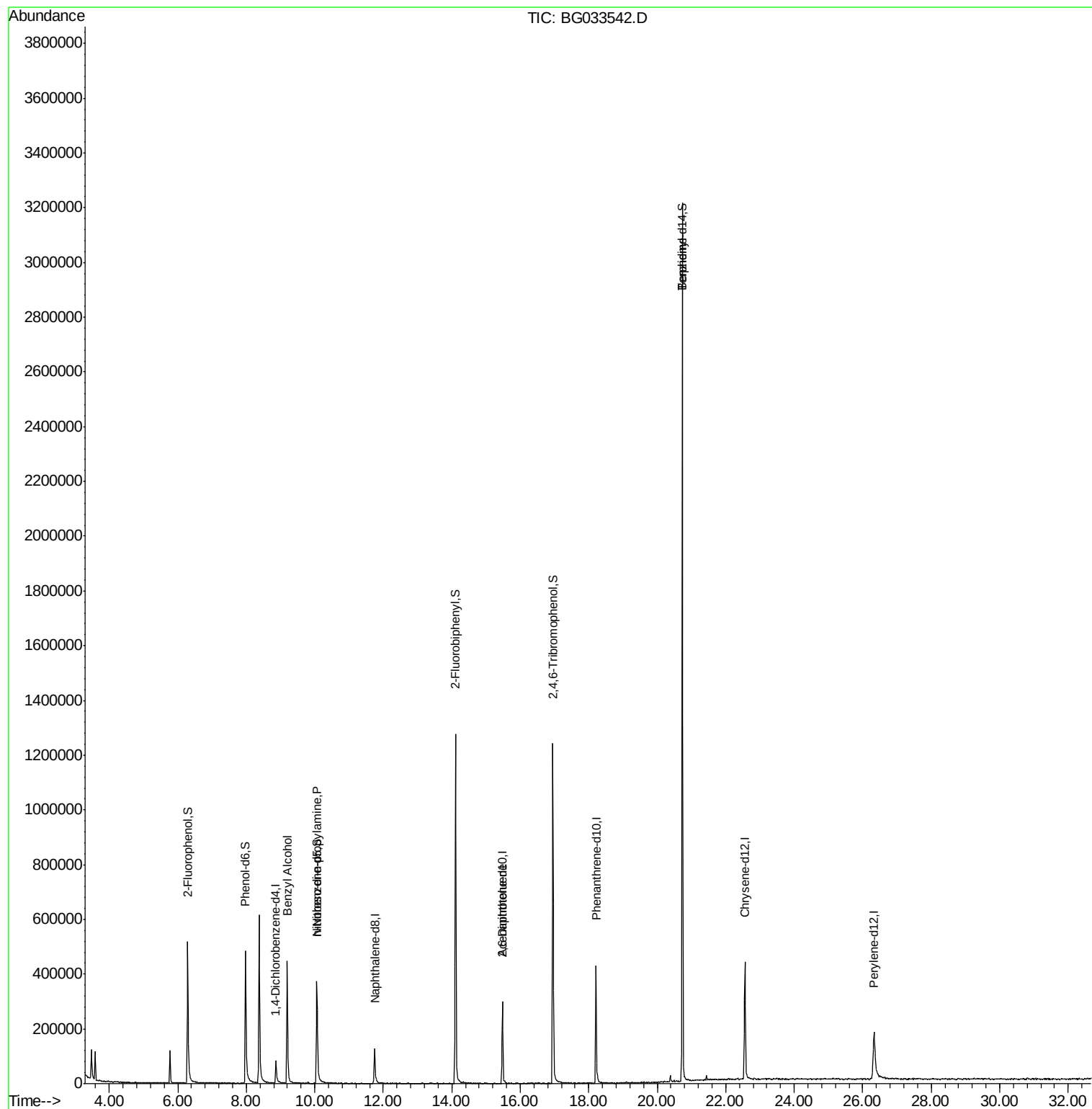
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	30681	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	136742	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	112126	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	321806	20.00	ng	0.00
75) Chrysene-d12	22.56	240	335208	20.00	ng	0.00
86) Perylene-d12	26.33	264	314863	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	256181	156.57	ng	0.00
7) Phenol-d6	7.98	99	368359	131.03	ng	0.00
23) Nitrobenzene-d5	10.06	82	286653	96.31	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	247957	147.86	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	750558	96.64	ng	0.00
78) Terphenyl-d14	20.73	244	1566214	99.92	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	5119	2.313	ng	# 59
19) n-Nitroso-di-n-propylamine	10.06	70	41294	20.045	ng	# 78
50) 2,6-Dinitrotoluene	15.47	165	13766	6.899	ng	# 22
76) Benzidine	20.73	184	26082	2.869	ng	# 91

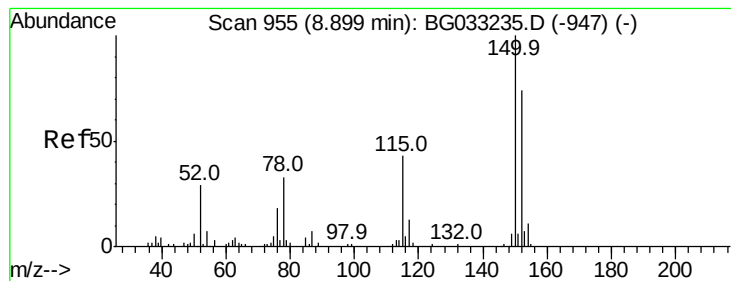
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040318\
Data File : BG033542.D
Acq On : 4 Apr 2018 3:13
Operator : SJ/JU
Sample : J2175-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 04 04:37:42 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



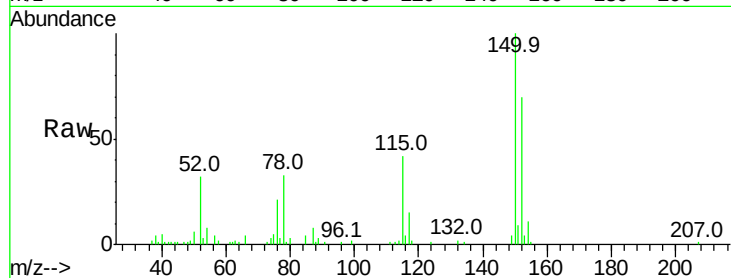


#1

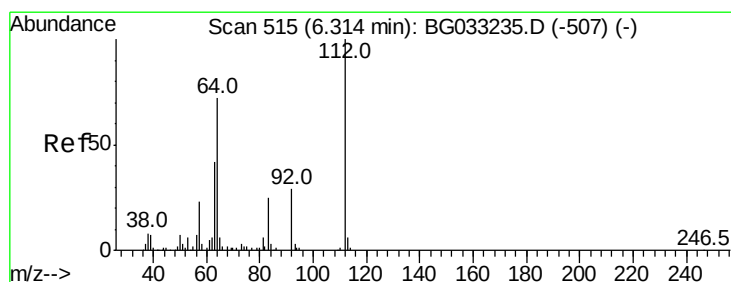
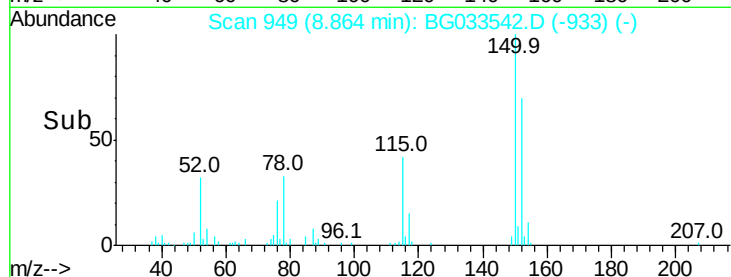
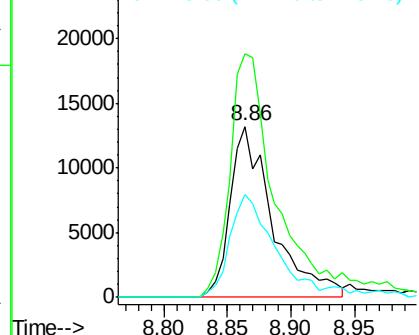
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033542.D
Acq: 4 Apr 2018 3:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	142.6	126.6	189.8
115	60.5	53.0	79.4



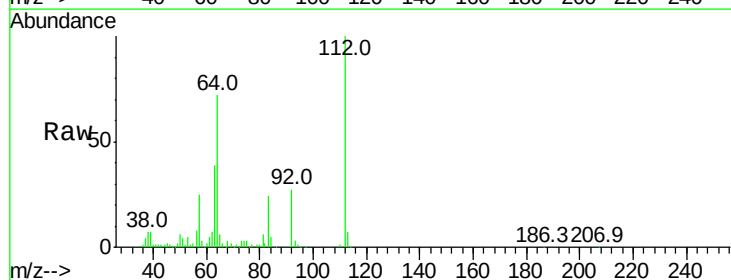
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



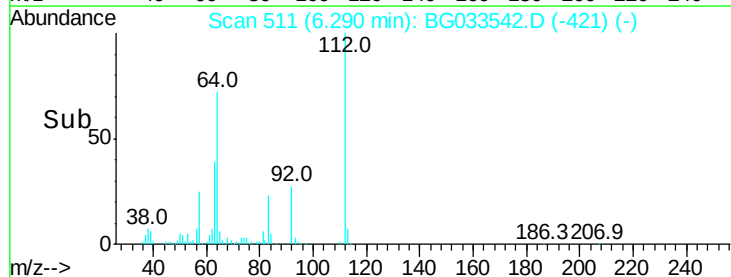
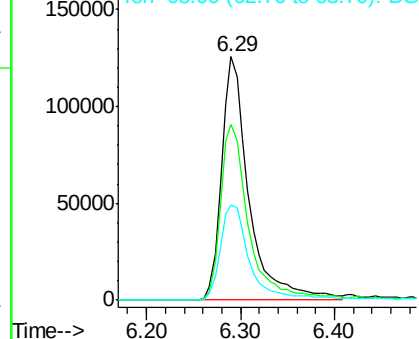
#5

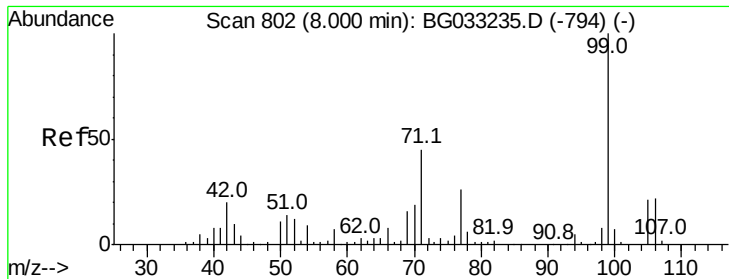
2-Fluorophenol
Concen: 156.569 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.00 min
Lab File: BG033542.D
Acq: 4 Apr 2018 3:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.4	56.3	84.5
63	39.3	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 131.026 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.01 min

Lab File: BG033542.D

Acq: 4 Apr 2018 3:13

Instrument :

BNA_G

ClientSampled :

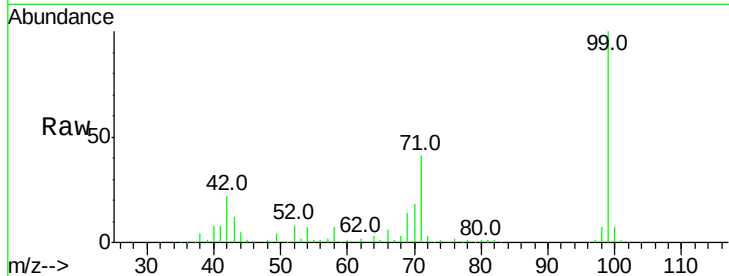
Tot Ion: 99 Resp: 368359

Ion Ratio Lower Upper

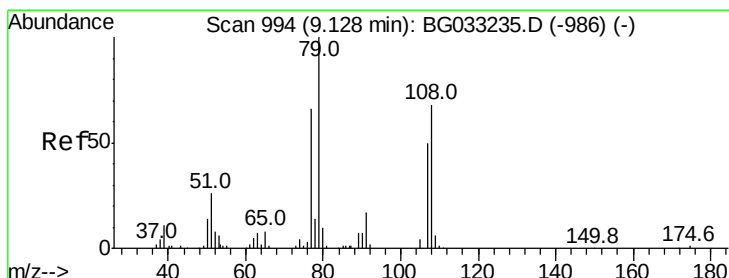
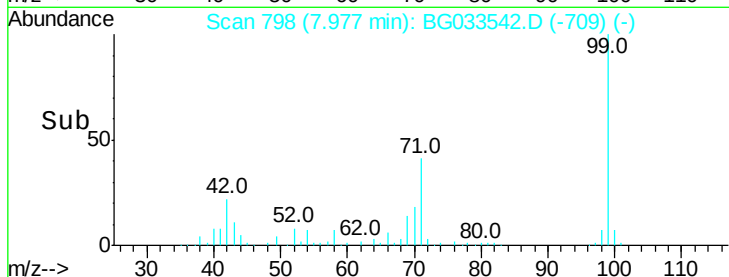
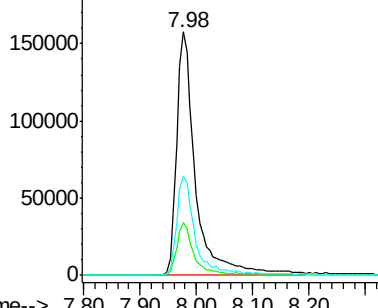
99 100

42 21.6 14.1 21.1#

71 40.9 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: 2.313 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.09 min

Lab File: BG033542.D

Acq: 4 Apr 2018 3:13

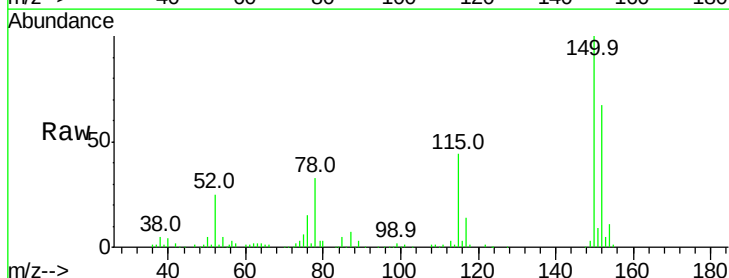
Tgt Ion: 79 Resp: 5119

Ion Ratio Lower Upper

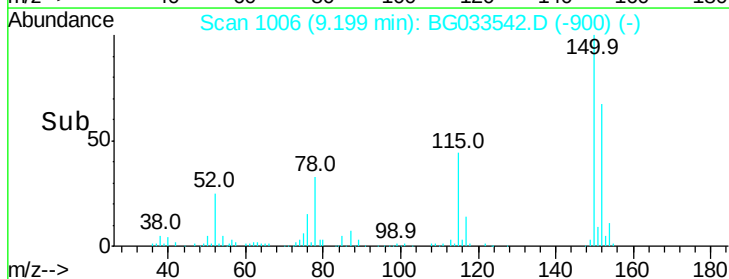
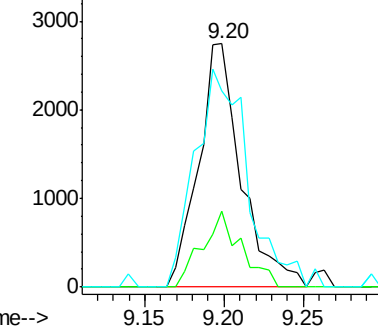
79 100

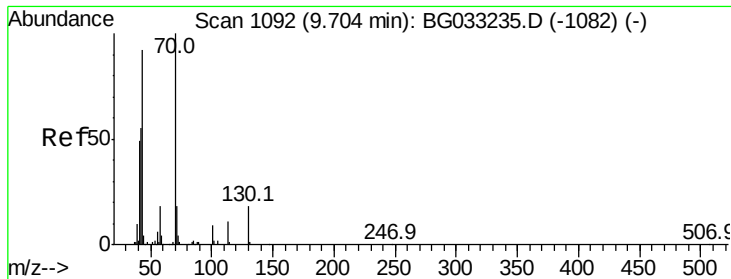
108 31.0 57.2 85.8#

77 80.6 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

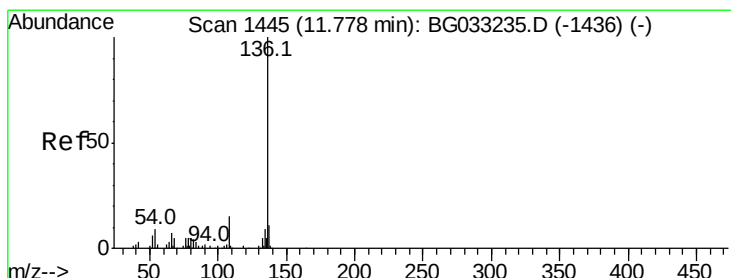
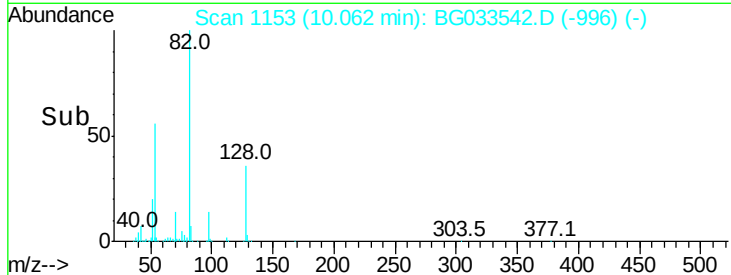
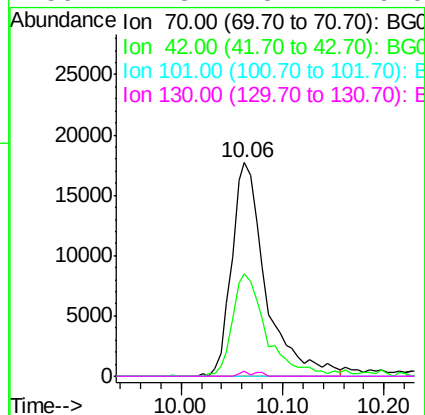
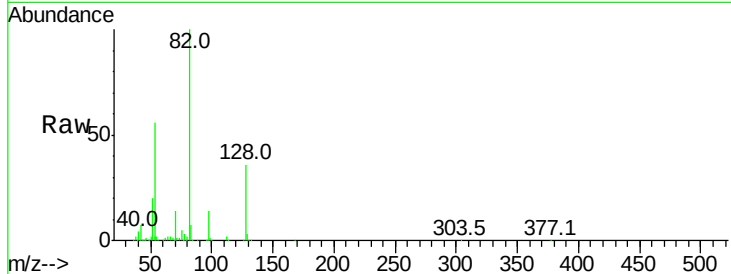




#19
n-Nitroso-di-n-propylamine
Concen: 20.045 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.39 min
Lab File: BG033542.D
Acq: 4 Apr 2018 3:13

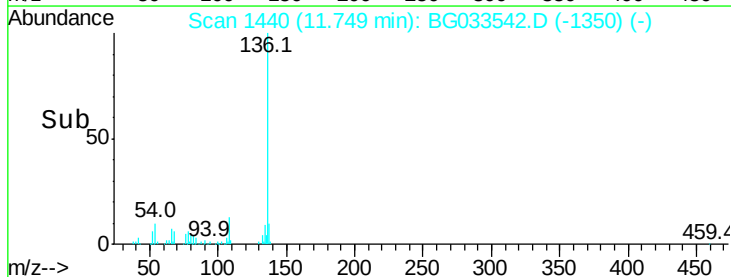
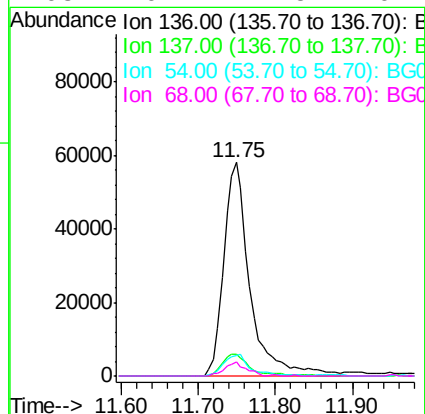
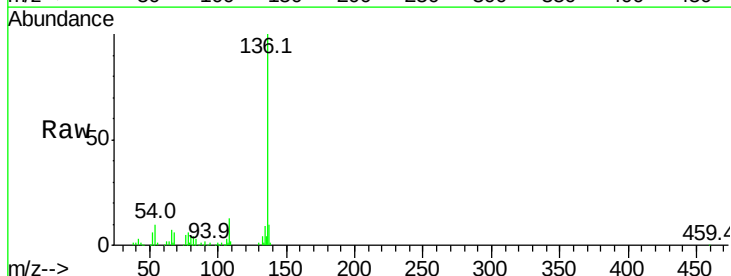
Instrument :
BNA_G
ClientSampled :

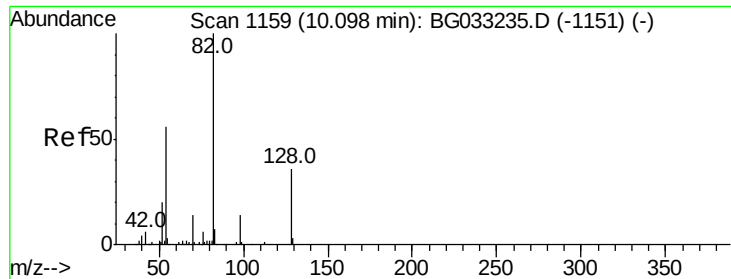
Tot Ion: 70 Resp: 41294
Ion Ratio Lower Upper
70 100
42 48.2 49.1 73.7#
101 0.0 8.5 12.7#
130 2.3 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.75 min Scan# 1440
Delta R.T. 0.00 min
Lab File: BG033542.D
Acq: 4 Apr 2018 3:13

Tgt Ion: 136 Resp: 136742
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 9.6 10.3 15.5#
68 6.4 4.5 6.7

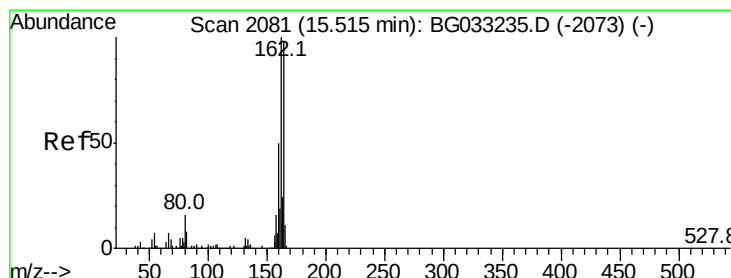
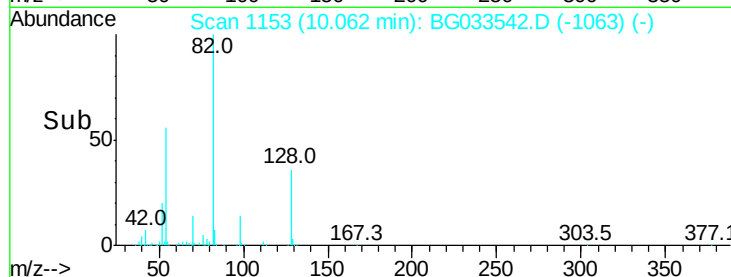
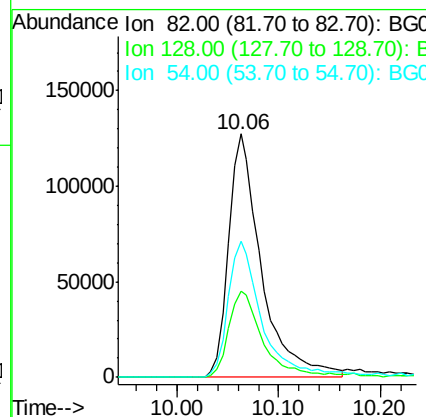
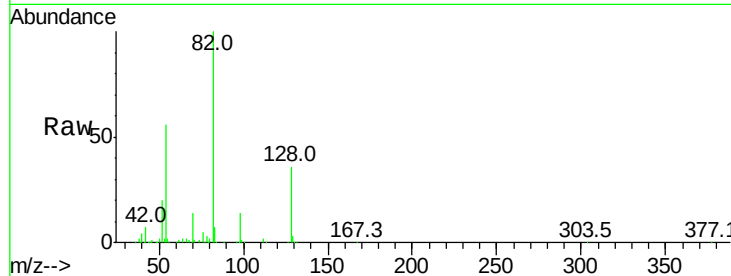




#23
 Nitrobenzene-d5
 Concen: 96.313 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BG033542.D
 Acq: 4 Apr 2018 3:13

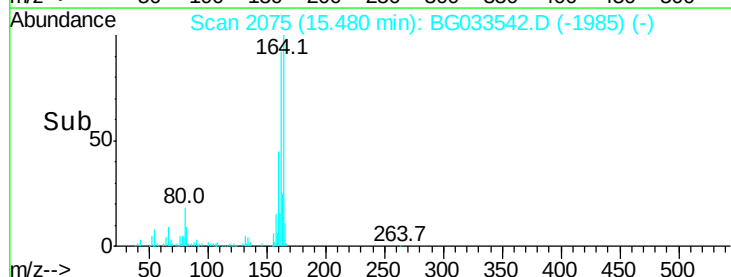
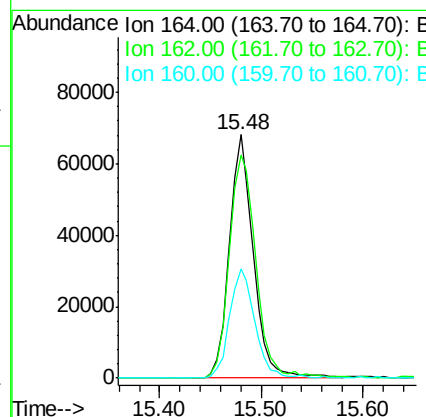
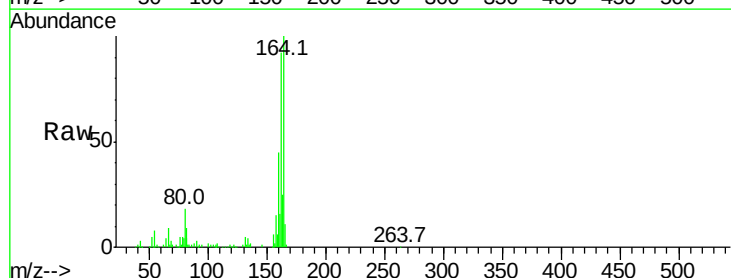
Instrument :
 BNA_G
 ClientSampleId :

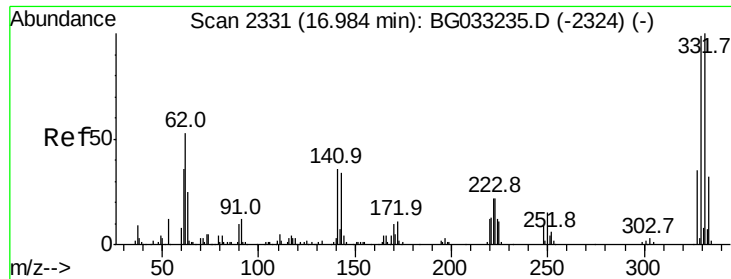
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.6	29.7	44.5
54	56.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.00 min
 Lab File: BG033542.D
 Acq: 4 Apr 2018 3:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	91.7	78.8	118.2
160	44.9	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 147.860 ng

RT: 16.95 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BG033542.D

Acq: 4 Apr 2018 3:13

Instrument :

BNA_G

ClientSampleId :

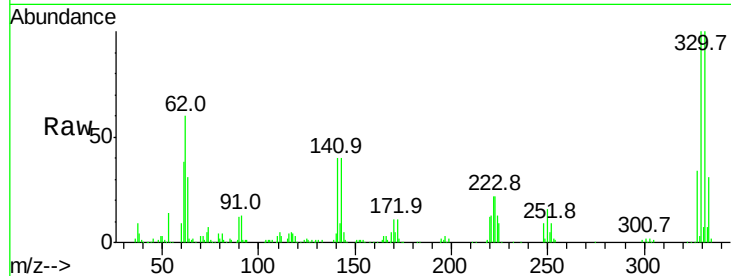
Tot Ion:330 Resp: 247957

Ion Ratio Lower Upper

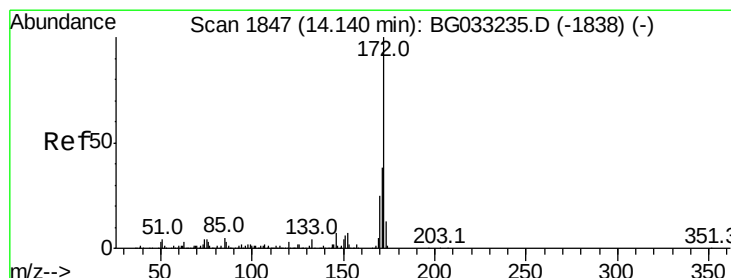
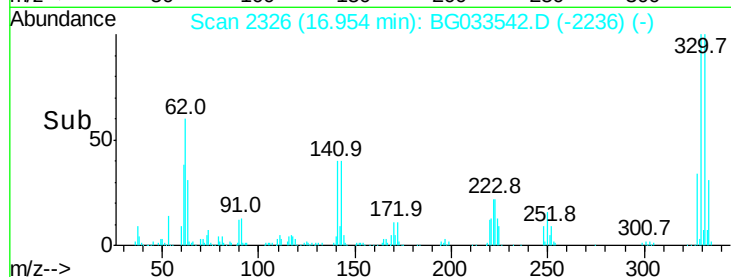
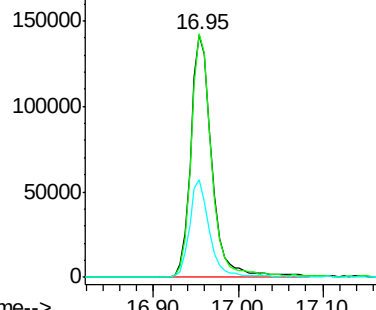
330 100

332 96.9 77.0 115.6

141 38.1 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: 96.635 ng

RT: 14.10 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BG033542.D

Acq: 4 Apr 2018 3:13

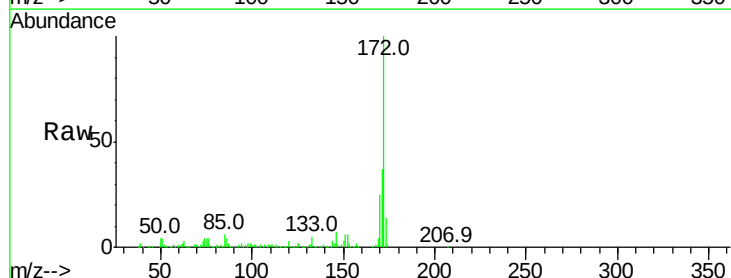
Tgt Ion:172 Resp: 750558

Ion Ratio Lower Upper

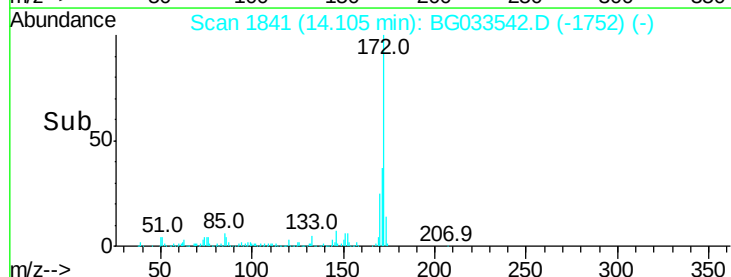
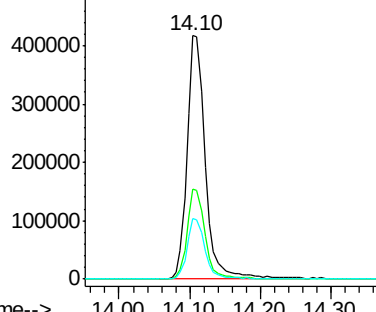
172 100

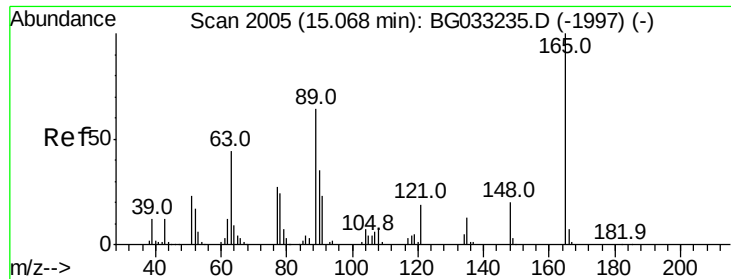
171 37.0 30.0 45.0

170 24.8 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

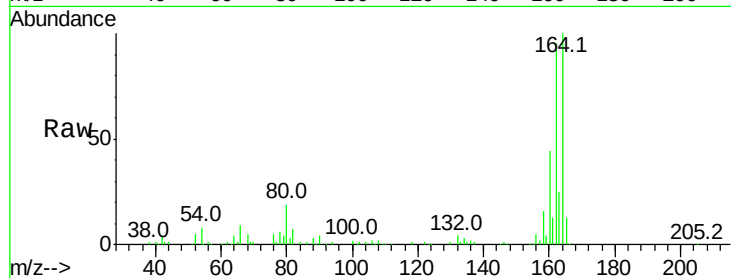




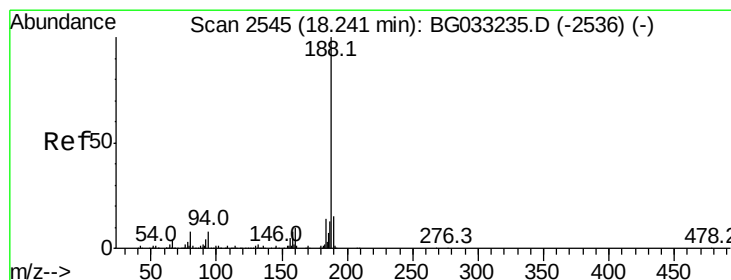
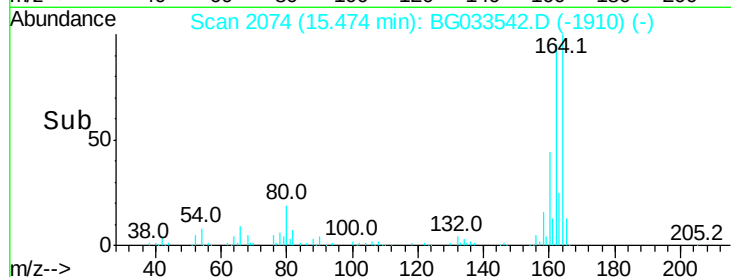
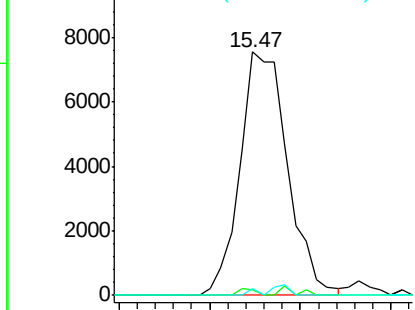
#50
 2,6-Dinitrotoluene
 Concen: 6.899 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.44 min
 Lab File: BG033542.D
 Acq: 4 Apr 2018 3:13

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 13766
 Ion Ratio Lower Upper
 165 100
 63 2.0 52.7 79.1#
 89 3.0 49.2 73.8#

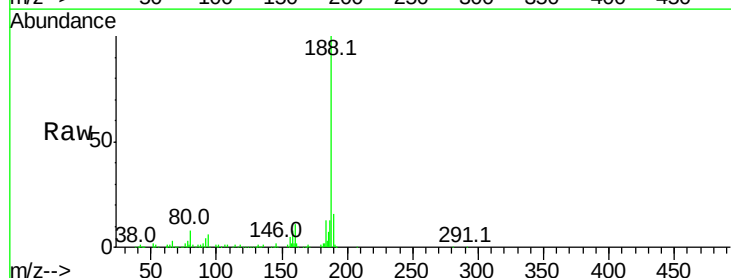


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

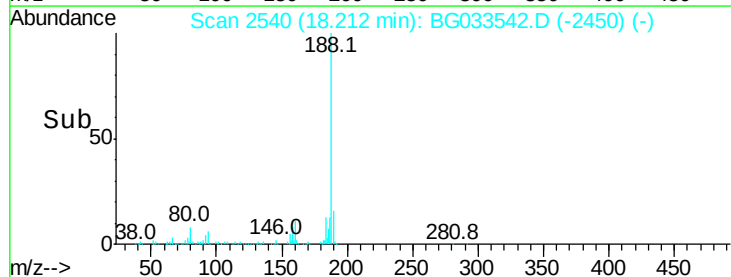
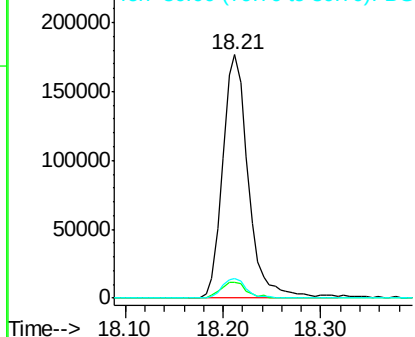


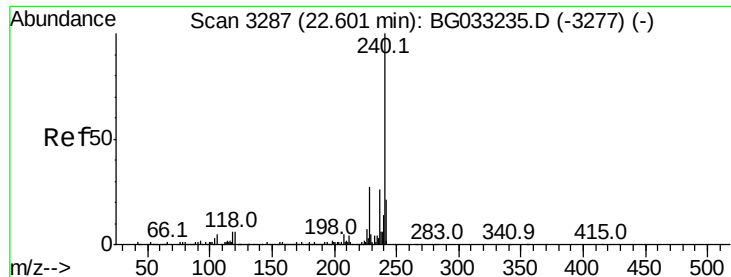
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. 0.00 min
 Lab File: BG033542.D
 Acq: 4 Apr 2018 3:13

Tgt Ion:188 Resp: 321806
 Ion Ratio Lower Upper
 188 100
 94 6.4 6.9 10.3#
 80 8.2 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. 0.01 min

Lab File: BG033542.D

Acq: 4 Apr 2018 3:13

Instrument :

BNA_G

ClientSampleId :

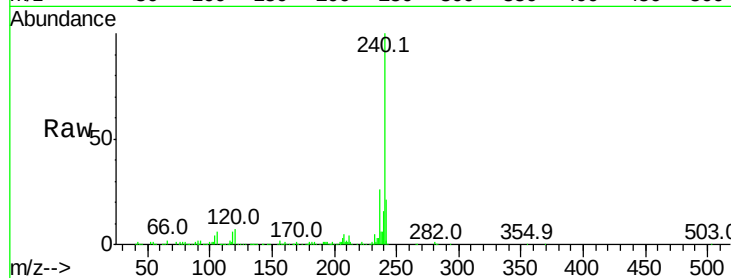
Tot Ion:240 Resp: 335208

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

236 26.1 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

200000

150000

100000

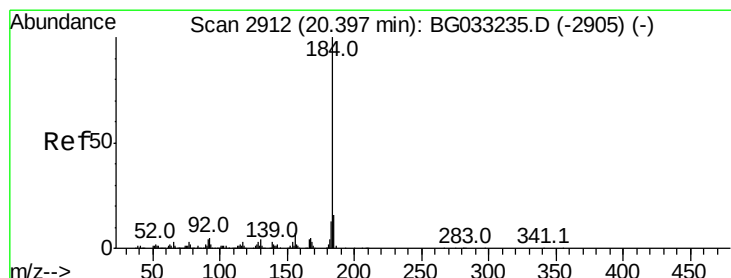
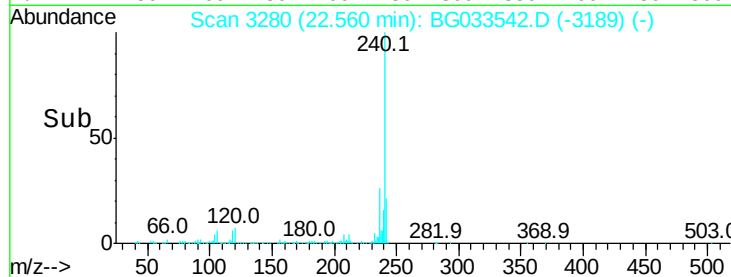
50000

0

22.56

22.50 22.60 22.70

Time-->



#76

Benzidine

Concen: 2.869 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033542.D

Acq: 4 Apr 2018 3:13

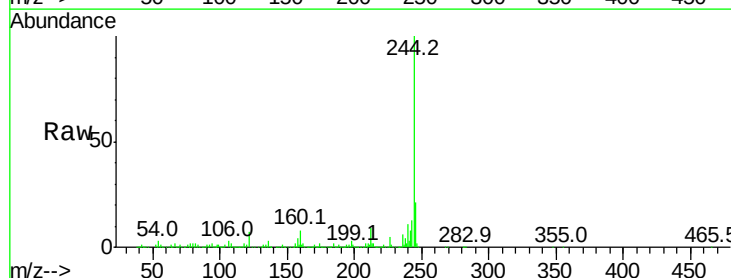
Tgt Ion:184 Resp: 26082

Ion Ratio Lower Upper

184 100

185 17.7 11.1 16.7#

183 10.2 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

25000

20000

15000

10000

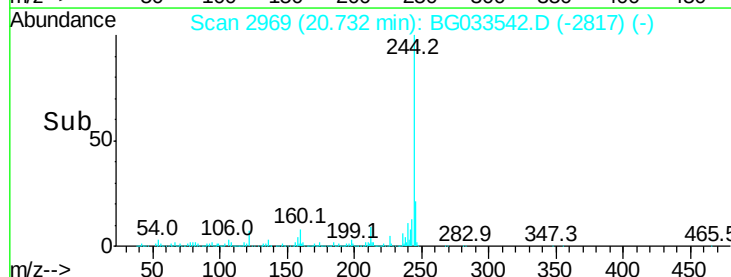
5000

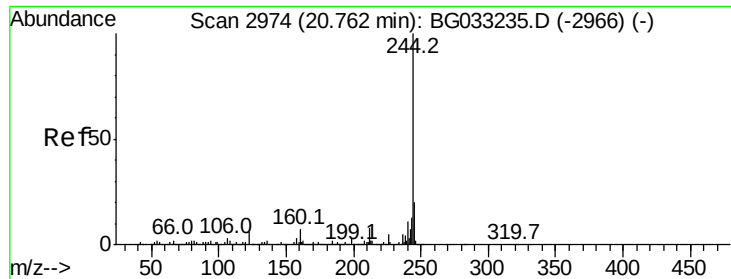
0

20.73

20.65 20.75 20.80

Time-->





#78

Terphenyl-d14

Concen: 99.923 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BG033542.D

Acq: 4 Apr 2018 3:13

Instrument :

BNA_G

ClientSampled :

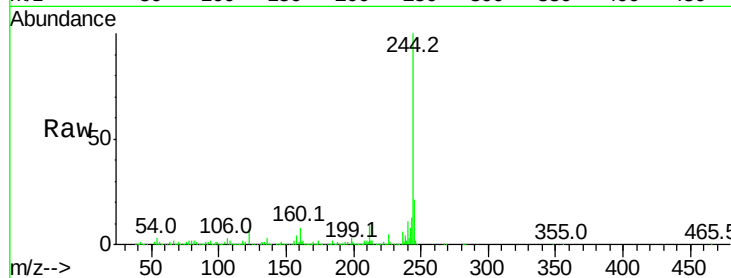
Tot Ion:244 Resp: 1566214

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

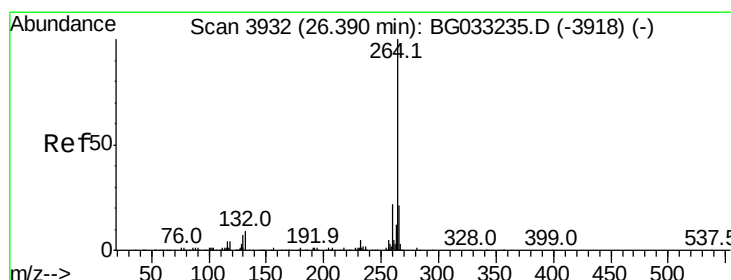
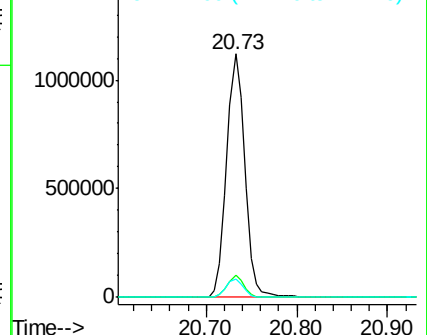
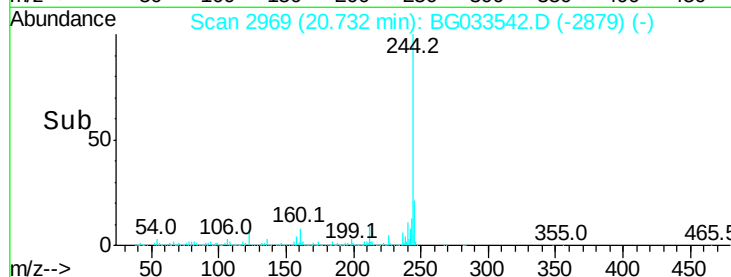
122 7.4 7.0 10.4



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: BG033542.D

Acq: 4 Apr 2018 3:13

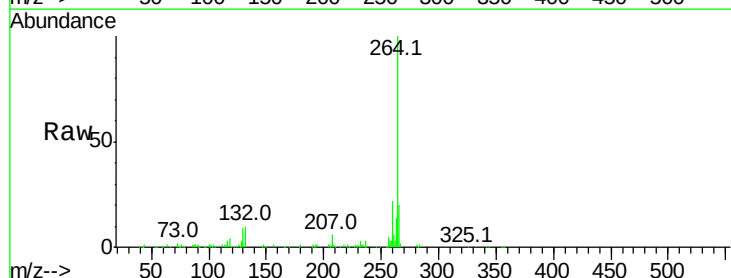
Tgt Ion:264 Resp: 314863

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 19.7 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

