

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041318\
 Data File : BG033802.D
 Acq On : 13 Apr 2018 18:43
 Operator : SJ/JU
 Sample : J2163-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 14 00:51:09 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

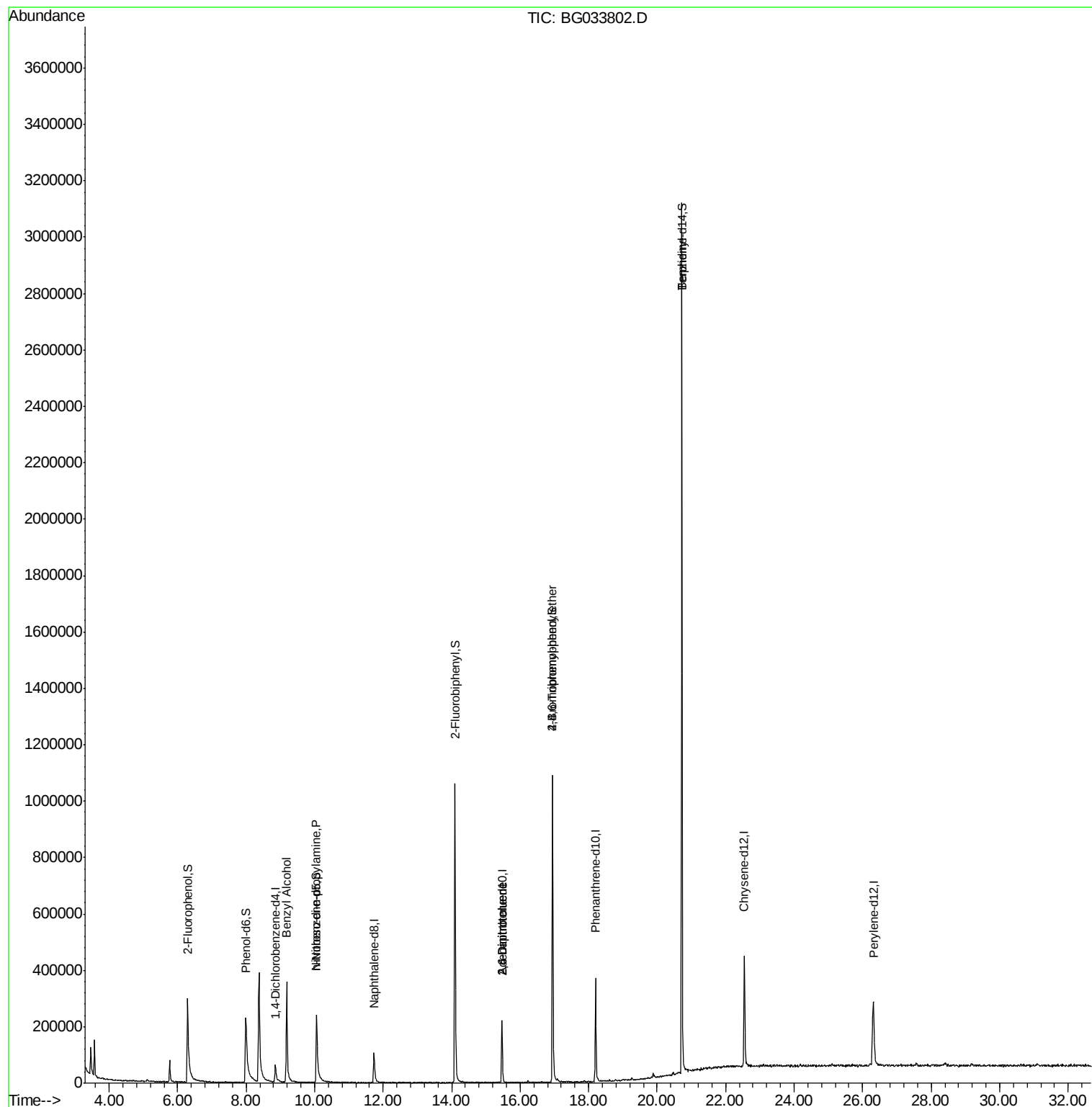
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	27395	20.00	ng	0.00
21) Naphthalene-d8	11.73	136	115531	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	93065	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	273277	20.00	ng	0.00
75) Chrysene-d12	22.54	240	301973	20.00	ng	0.00
86) Perylene-d12	26.31	264	327739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	225910	154.63	ng	0.00
7) Phenol-d6	7.99	99	296994	118.31	ng	0.02
23) Nitrobenzene-d5	10.06	82	253353	100.75	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	234071	168.17	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	648722	100.63	ng	0.00
78) Terphenyl-d14	20.72	244	1566284	110.93	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.18	79	4318	2.185	ng	# 42
19) n-Nitroso-di-n-propylamine	10.06	70	33744	18.345	ng	# 72
50) 2,6-Dinitrotoluene	15.47	165	11395	6.881	ng	# 24
56) 2,4-Dinitrotoluene	15.47	165	11395	4.673	ng	# 22
66) 4-Bromophenyl-phenylether	16.95	248	17571	5.475	ng	# 1
76) Benzidine	20.72	184	26568	3.244	ng	# 93

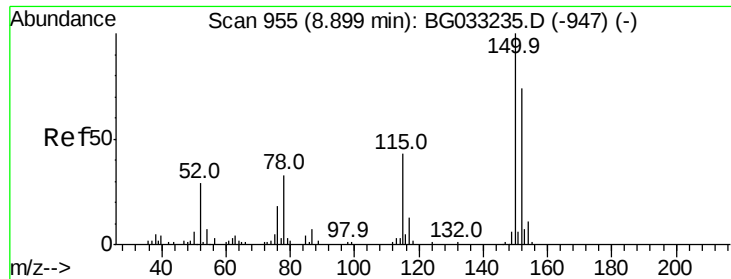
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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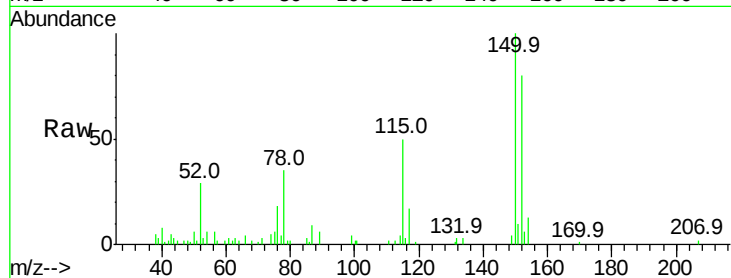


#1

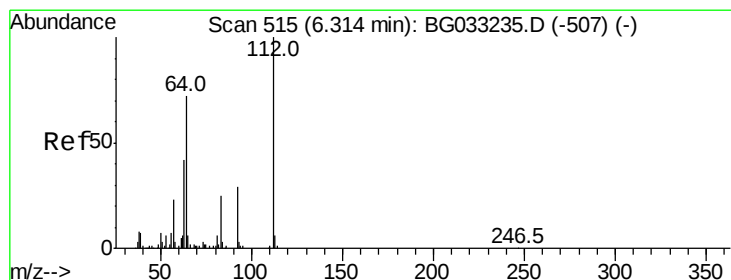
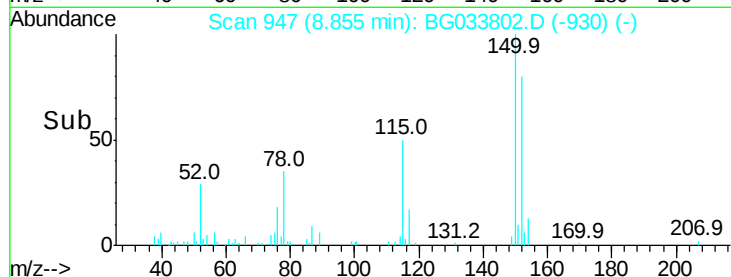
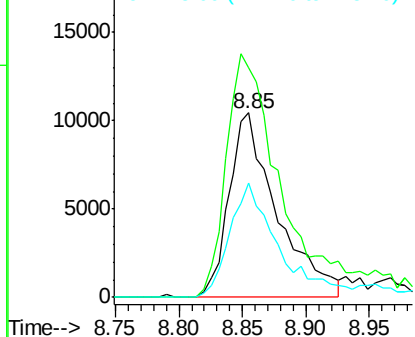
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033802.D
Acq: 13 Apr 2018 18:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27395
Ion Ratio Lower Upper
152 100
150 124.5 126.6 189.8#
115 62.3 53.0 79.4



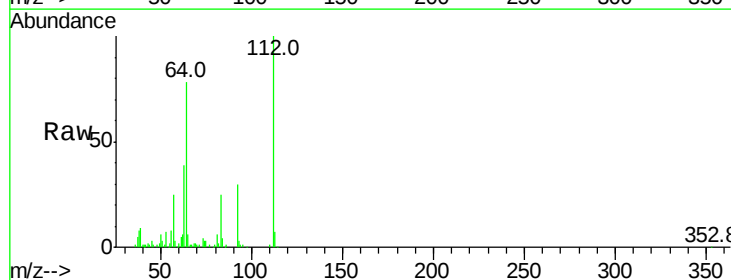
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



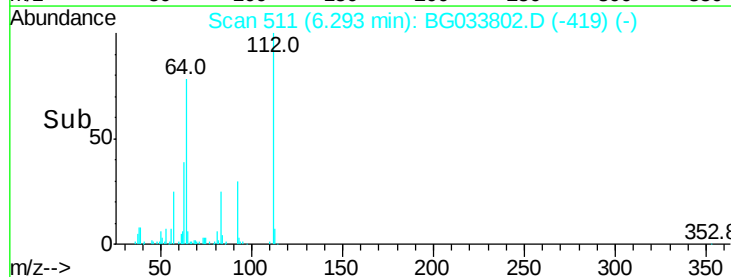
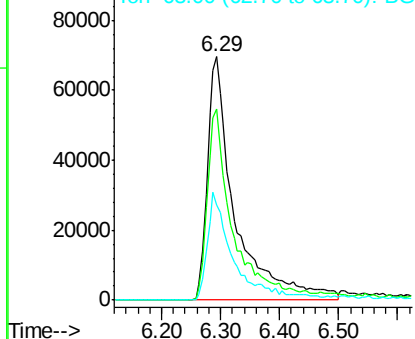
#5

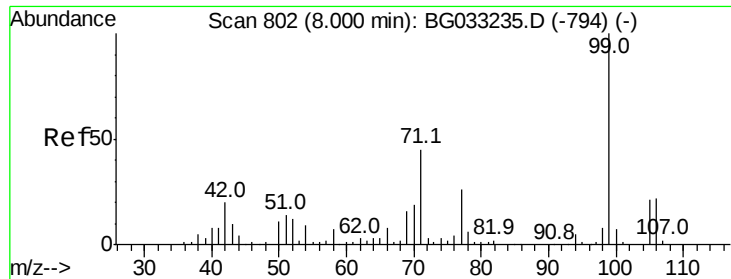
2-Fluorophenol
Concen: 154.630 ng
RT: 6.29 min Scan# 511
Delta R.T. 0.01 min
Lab File: BG033802.D
Acq: 13 Apr 2018 18:43

Tgt Ion:112 Resp: 225910
Ion Ratio Lower Upper
112 100
64 78.5 56.3 84.5
63 39.2 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: 118.312 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.02 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

Instrument :

BNA_G

ClientSampled :

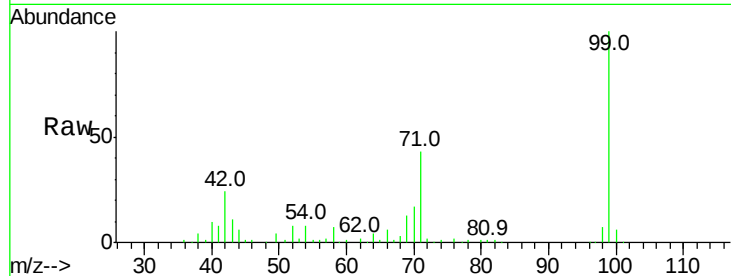
Tot Ion: 99 Resp: 296994

Ion Ratio Lower Upper

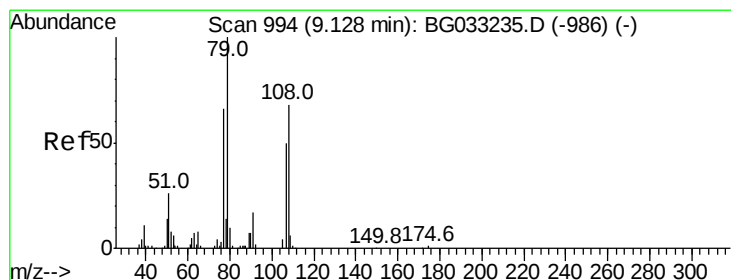
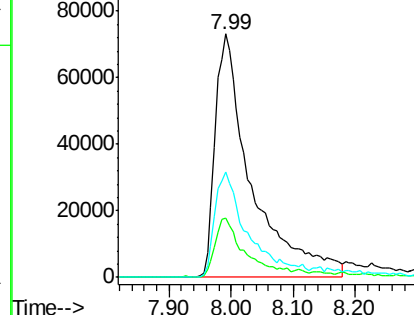
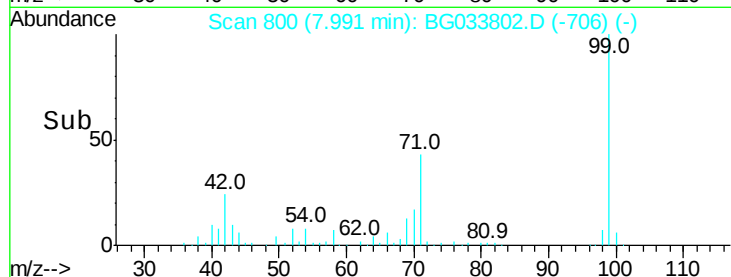
99 100

42 24.3 14.1 21.1#

71 43.1 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: 2.185 ng

RT: 9.18 min Scan# 1003

Delta R.T. 0.09 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

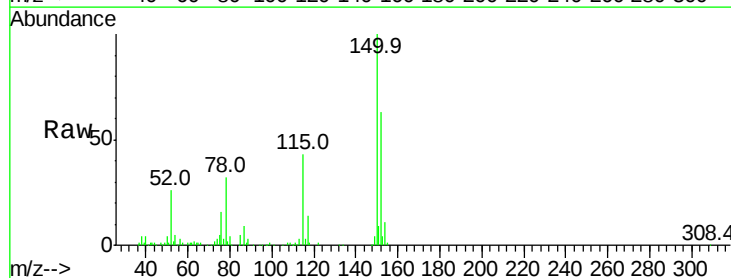
Tgt Ion: 79 Resp: 4318

Ion Ratio Lower Upper

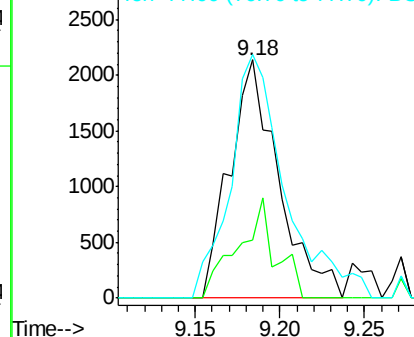
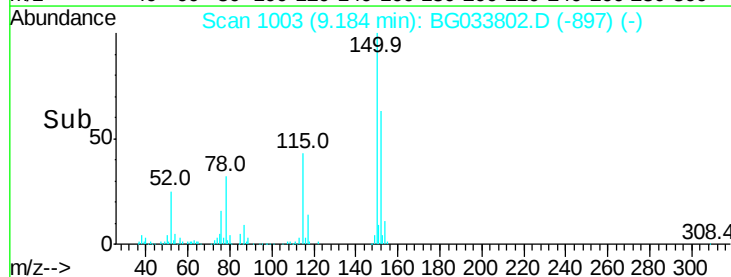
79 100

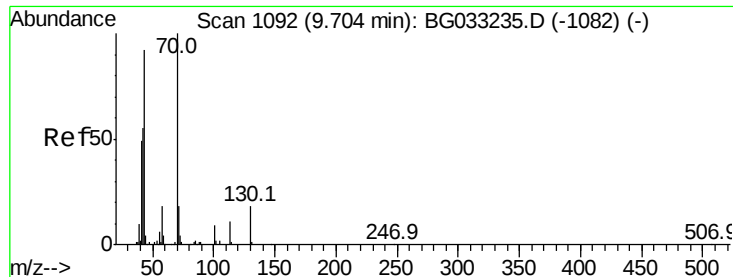
108 24.3 57.2 85.8#

77 102.2 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

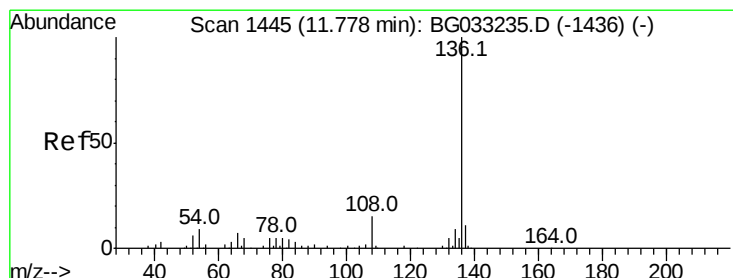
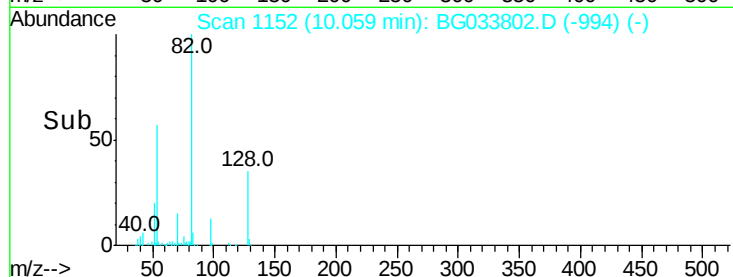
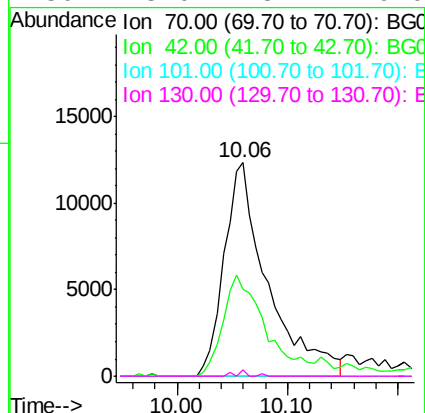
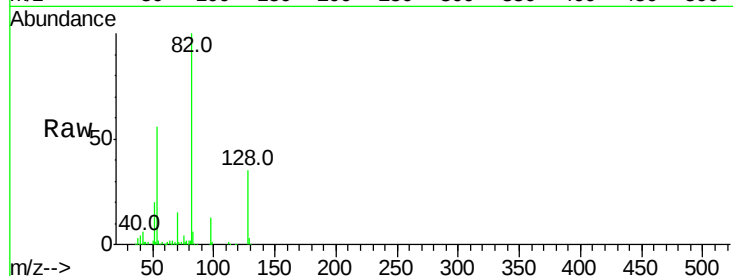




#19
n-Nitroso-di-n-propylamine
Concen: 18.345 ng
RT: 10.06 min Scan# 1152
Delta R.T. 0.40 min
Lab File: BG033802.D
Acq: 13 Apr 2018 18:43

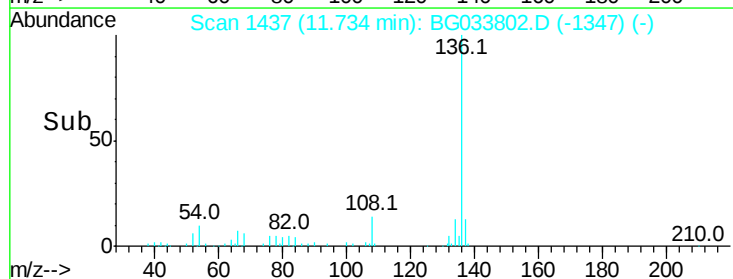
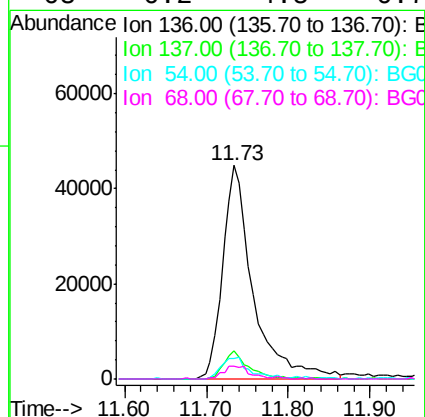
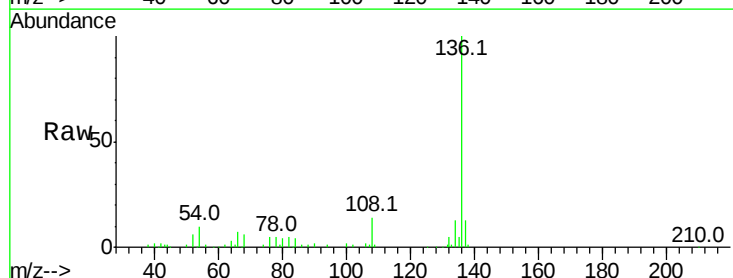
Instrument :
BNA_G
ClientSampleId :

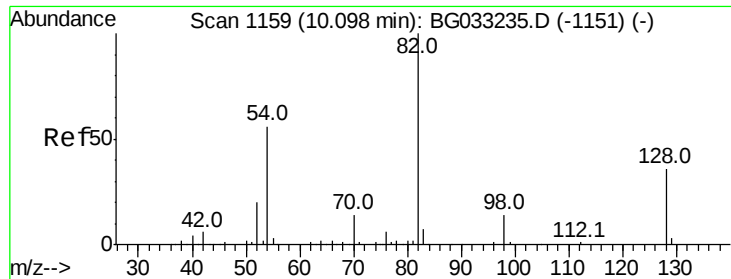
Tot Ion: 70 Resp: 33744
Ion Ratio Lower Upper
70 100
42 40.9 49.1 73.7#
101 0.0 8.5 12.7#
130 3.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.73 min Scan# 1437
Delta R.T. -0.00 min
Lab File: BG033802.D
Acq: 13 Apr 2018 18:43

Tgt Ion: 136 Resp: 115531
Ion Ratio Lower Upper
136 100
137 13.3 9.2 13.8
54 9.6 10.3 15.5#
68 6.2 4.5 6.7

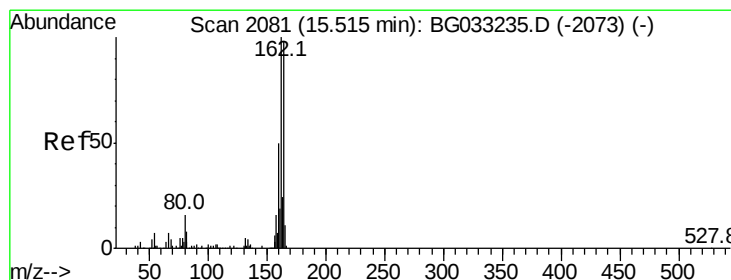
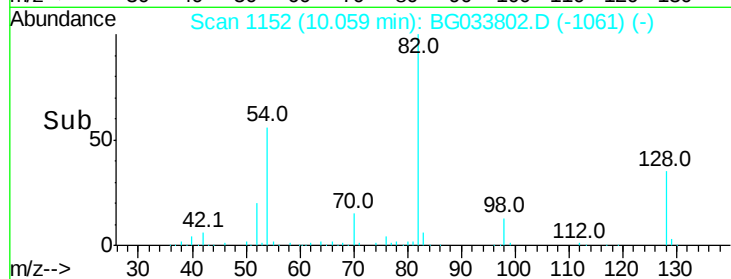
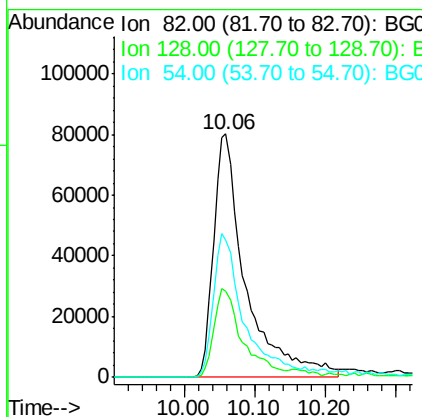
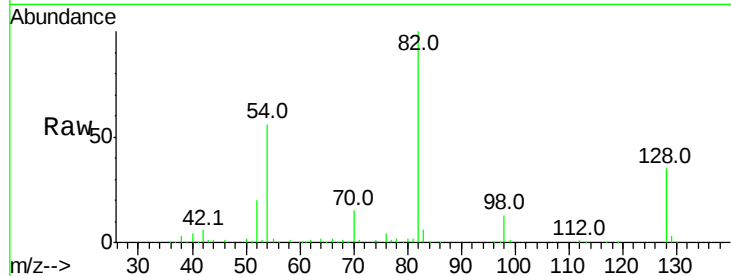




#23
 Nitrobenzene-d5
 Concen: 100.753 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033802.D
 Acq: 13 Apr 2018 18:43

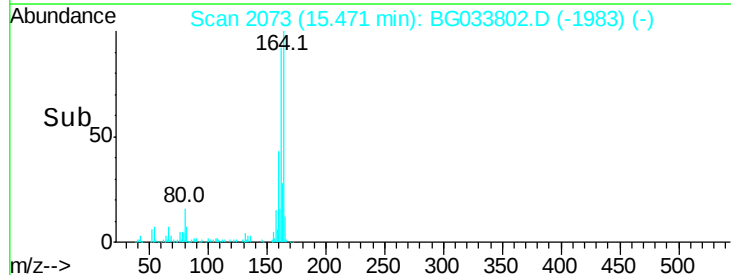
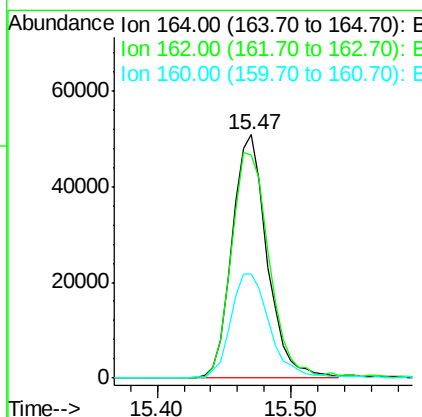
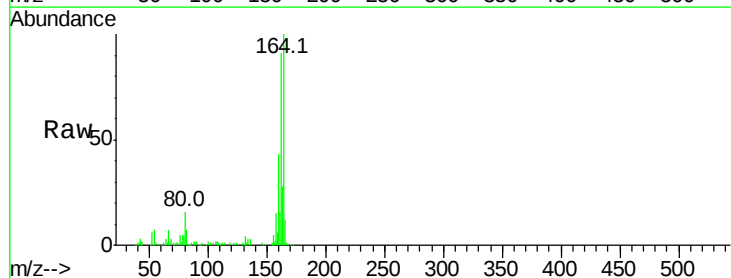
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 253353
 Ion Ratio Lower Upper
 82 100
 128 35.2 29.7 44.5
 54 56.5 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BG033802.D
 Acq: 13 Apr 2018 18:43

Tgt Ion:164 Resp: 93065
 Ion Ratio Lower Upper
 164 100
 162 91.5 78.8 118.2
 160 43.0 35.4 53.0

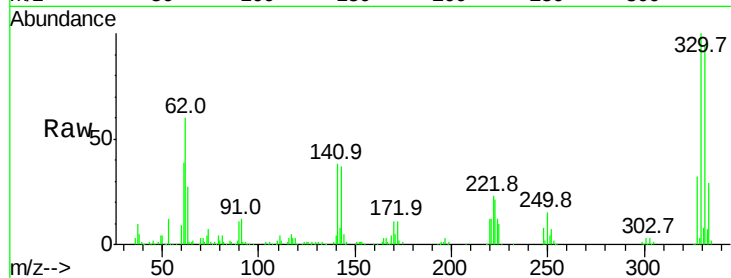




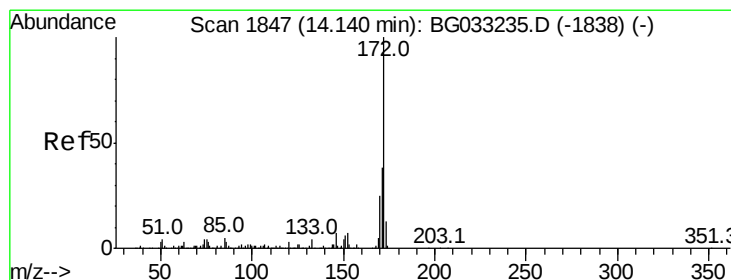
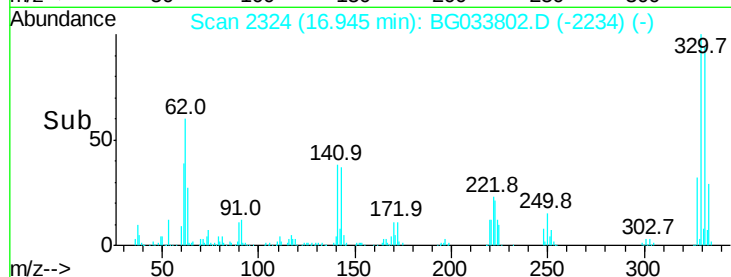
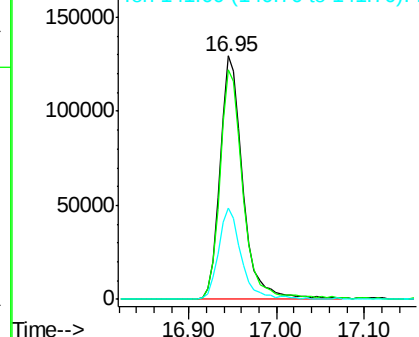
#41
 2,4,6-Tribromophenol
 Concen: 168.167 ng
 RT: 16.95 min Scan# 2324
 Delta R.T. -0.00 min
 Lab File: BG033802.D
 Acq: 13 Apr 2018 18:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 234071
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 37.6 25.2 37.8

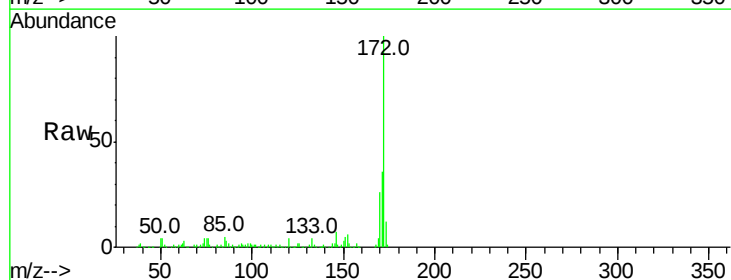


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

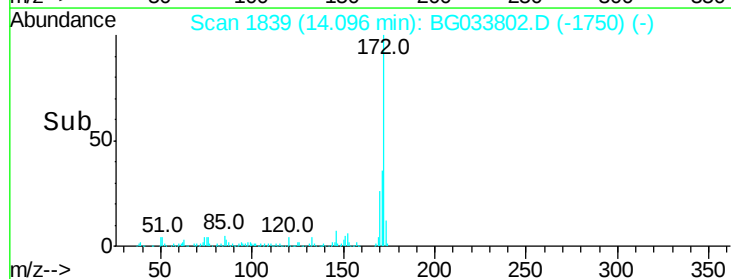
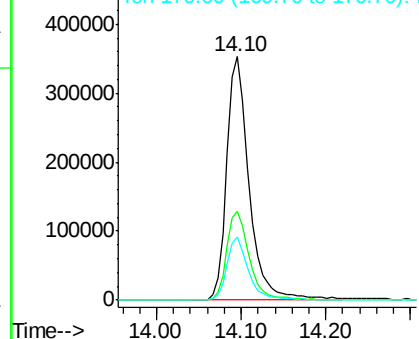


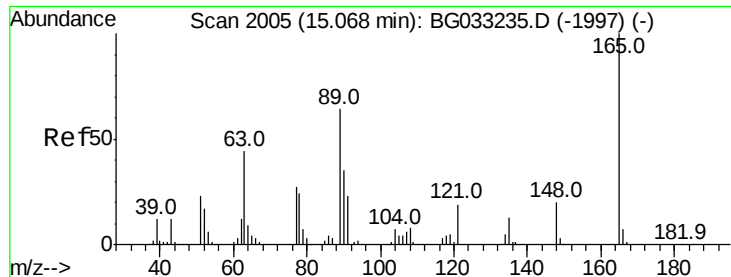
#44
 2-Fluorobiphenyl
 Concen: 100.630 ng
 RT: 14.10 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BG033802.D
 Acq: 13 Apr 2018 18:43

Tgt Ion:172 Resp: 648722
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.0 45.0
 170 25.8 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

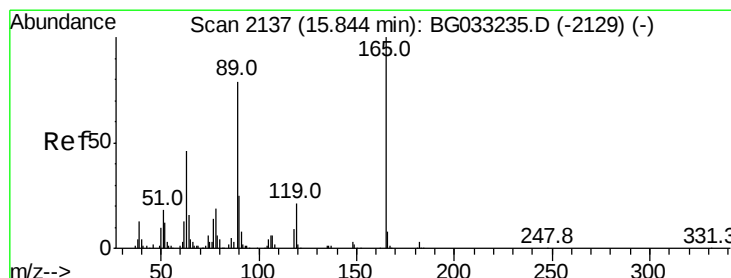
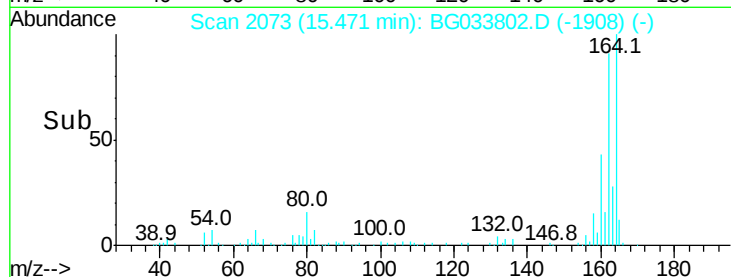
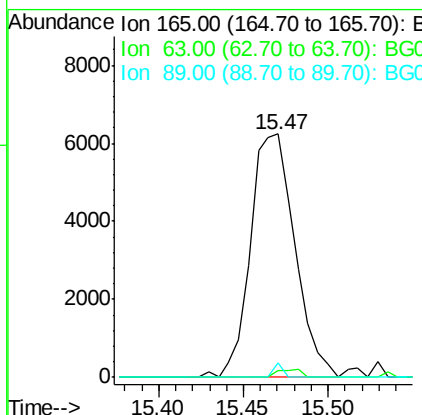
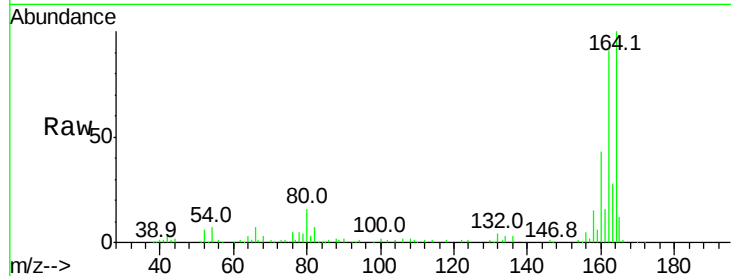




#50
 2,6-Dinitrotoluene
 Concen: 6.881 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. 0.44 min
 Lab File: BG033802.D
 Acq: 13 Apr 2018 18:43

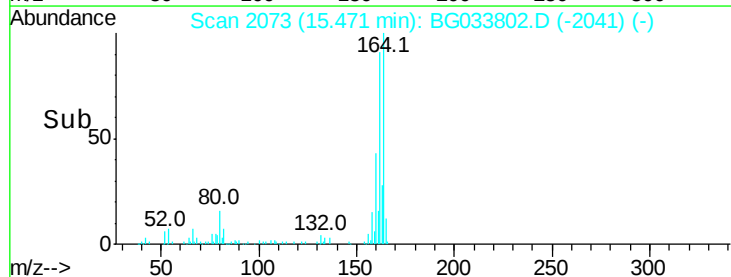
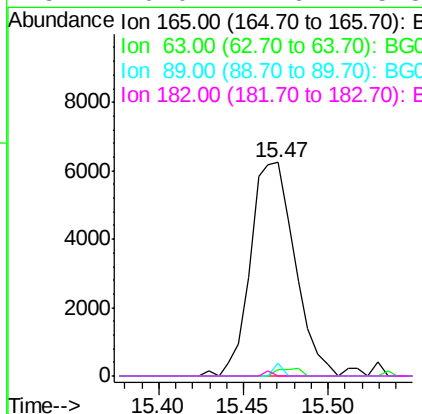
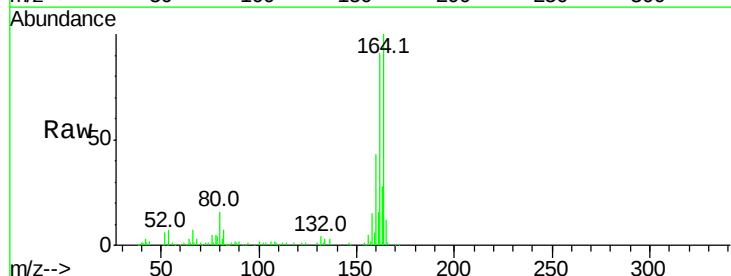
Instrument :
 BNA_G
 ClientSampleId :

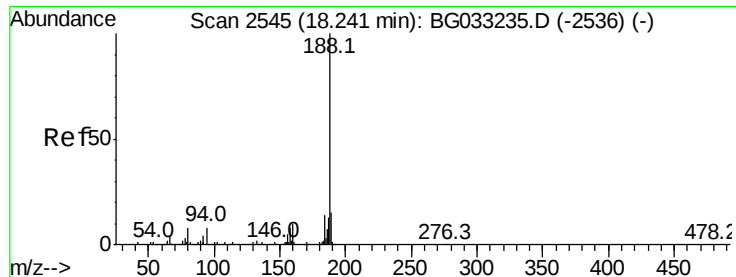
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.7	52.7	79.1#
89	5.8	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.673 ng
 RT: 15.47 min Scan# 2073
 Delta R.T. -0.34 min
 Lab File: BG033802.D
 Acq: 13 Apr 2018 18:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.7	42.0	63.0#
89	5.8	66.9	100.3#
182	0.0	2.6	3.8#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.20 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

Instrument :

BNA_G

ClientSampleId :

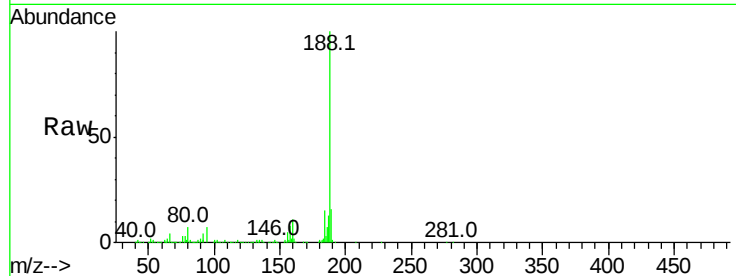
Tot Ion:188 Resp: 273277

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

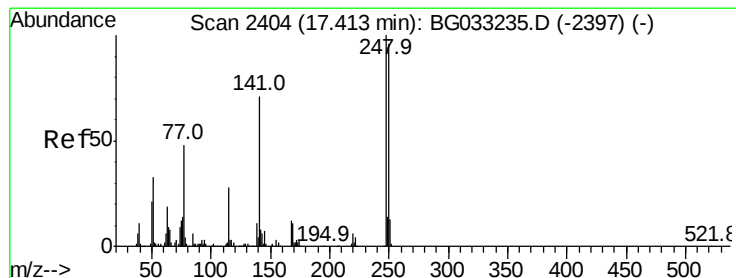
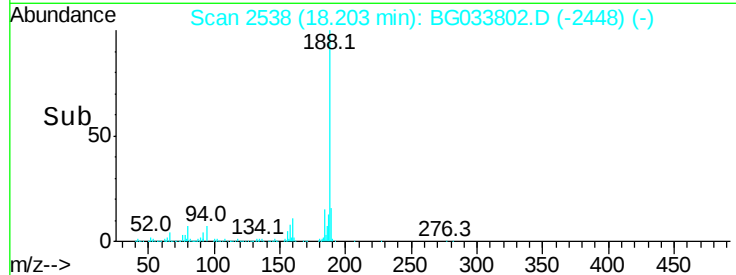
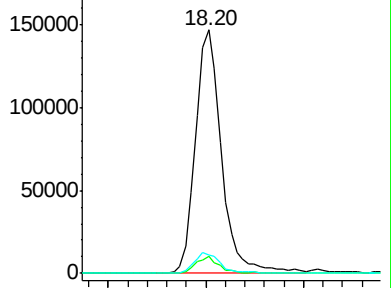
80 7.5 7.7 11.5#



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: 5.475 ng

RT: 16.95 min Scan# 2324

Delta R.T. -0.43 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

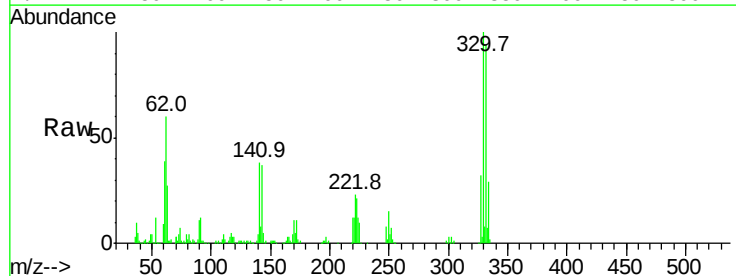
Tgt Ion:248 Resp: 17571

Ion Ratio Lower Upper

248 100

250 182.4 77.1 115.7#

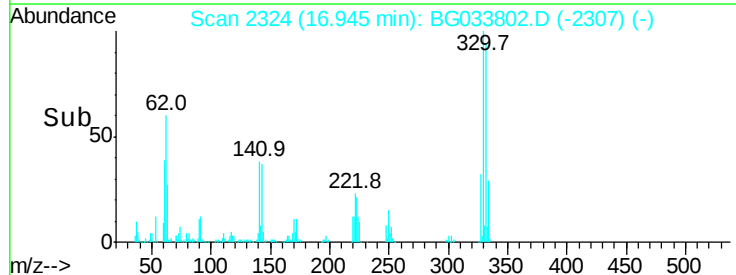
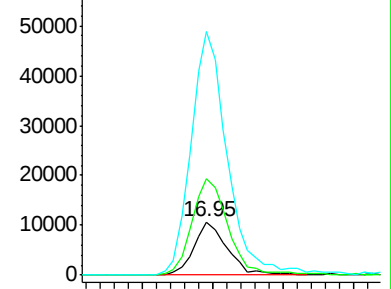
141 459.3 50.8 76.2#

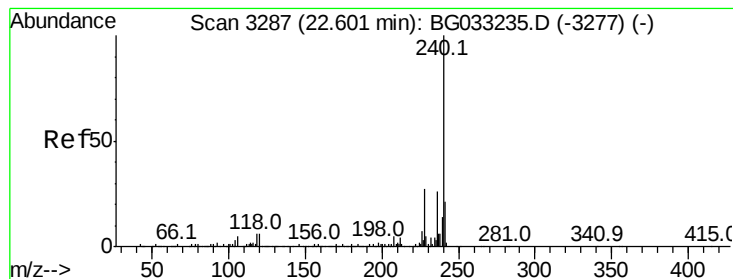


Abundance Ion 248.00 (247.70 to 248.70): E

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: 22.54 min Scan# 3277

Delta R.T. -0.01 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

Instrument :

BNA_G

ClientSampleId :

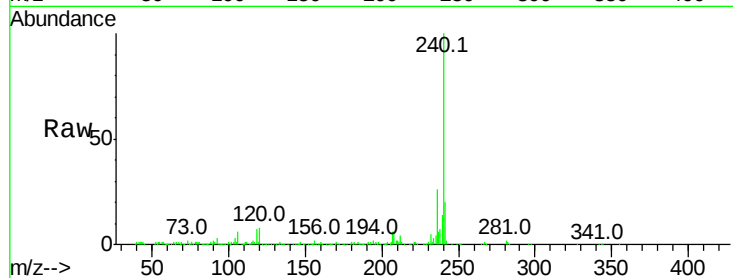
Tot Ion:240 Resp: 301973

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.8	10.2
236	25.9	20.9	31.3

240 100

120 7.5 6.8 10.2

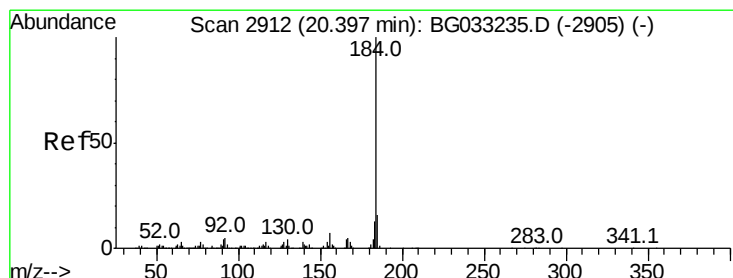
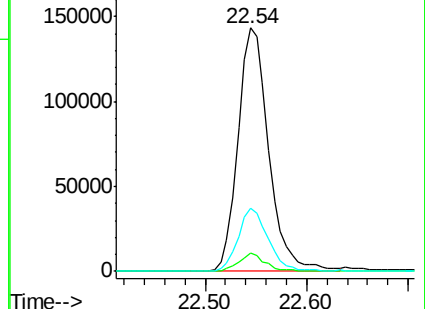
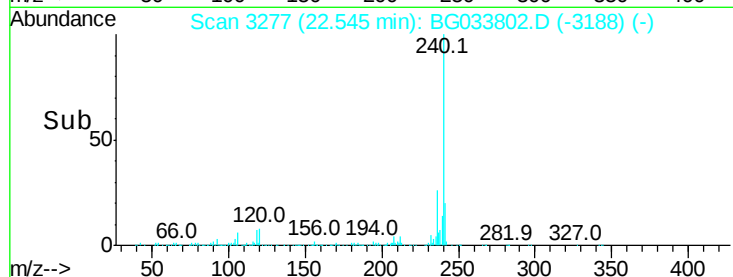
236 25.9 20.9 31.3



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



#76

Benzidine

Concen: 3.244 ng

RT: 20.72 min Scan# 2967

Delta R.T. 0.36 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

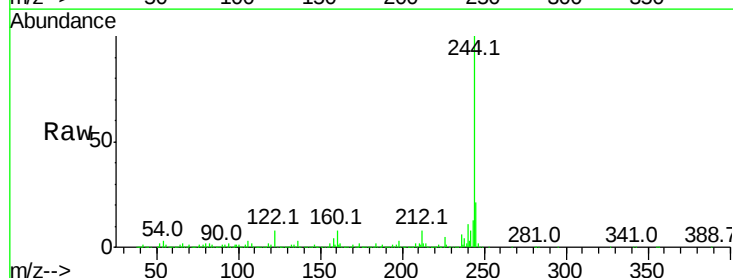
Tgt Ion:184 Resp: 26568

Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	8.2	10.6	16.0#

184 100

185 14.9 11.1 16.7

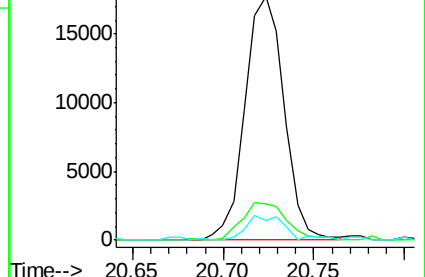
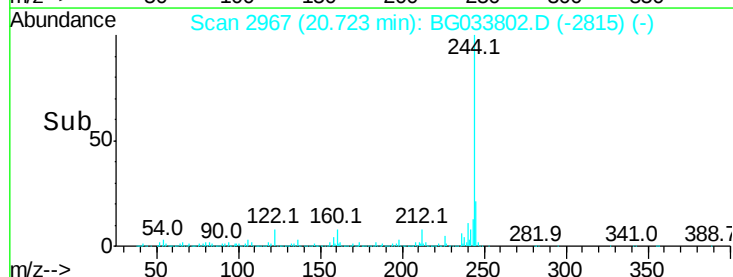
183 8.2 10.6 16.0#

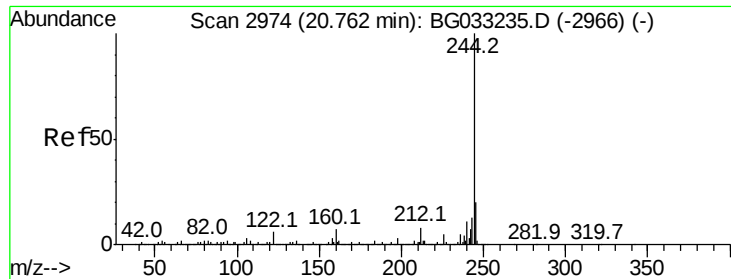


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 110.926 ng

RT: 20.72 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

Instrument :

BNA_G

ClientSampled :

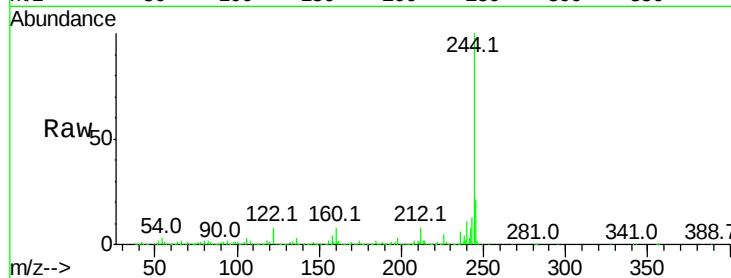
Tot Ion:244 Resp: 1566284

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

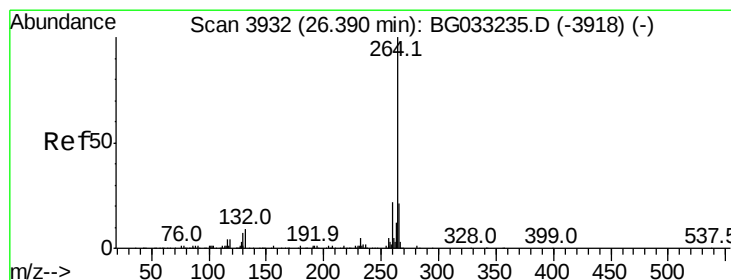
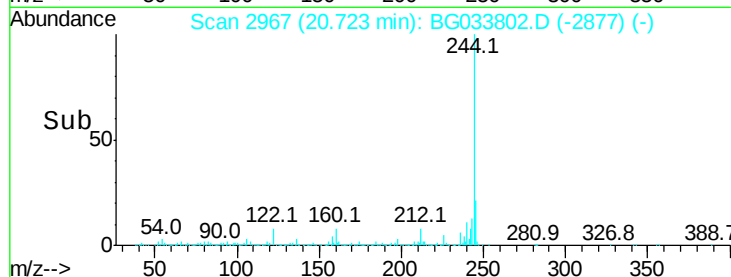
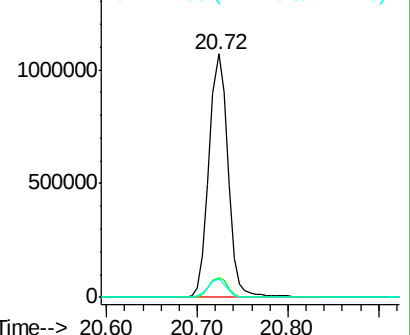
122 7.7 7.0 10.4



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: 26.31 min Scan# 3918

Delta R.T. 0.00 min

Lab File: BG033802.D

Acq: 13 Apr 2018 18:43

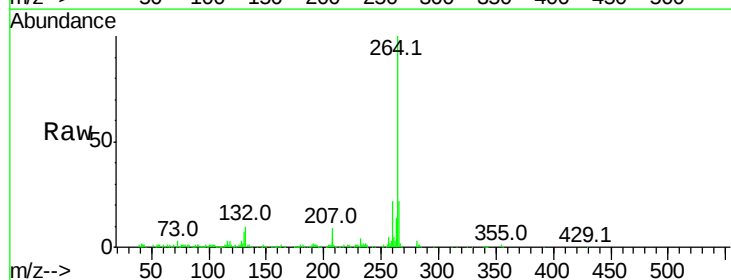
Tgt Ion:264 Resp: 327739

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 21.6 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

