

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
 Data File : BG033635.D
 Acq On : 6 Apr 2018 19:27
 Operator : SJ/JU
 Sample : J2214-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 07 00:51:11 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

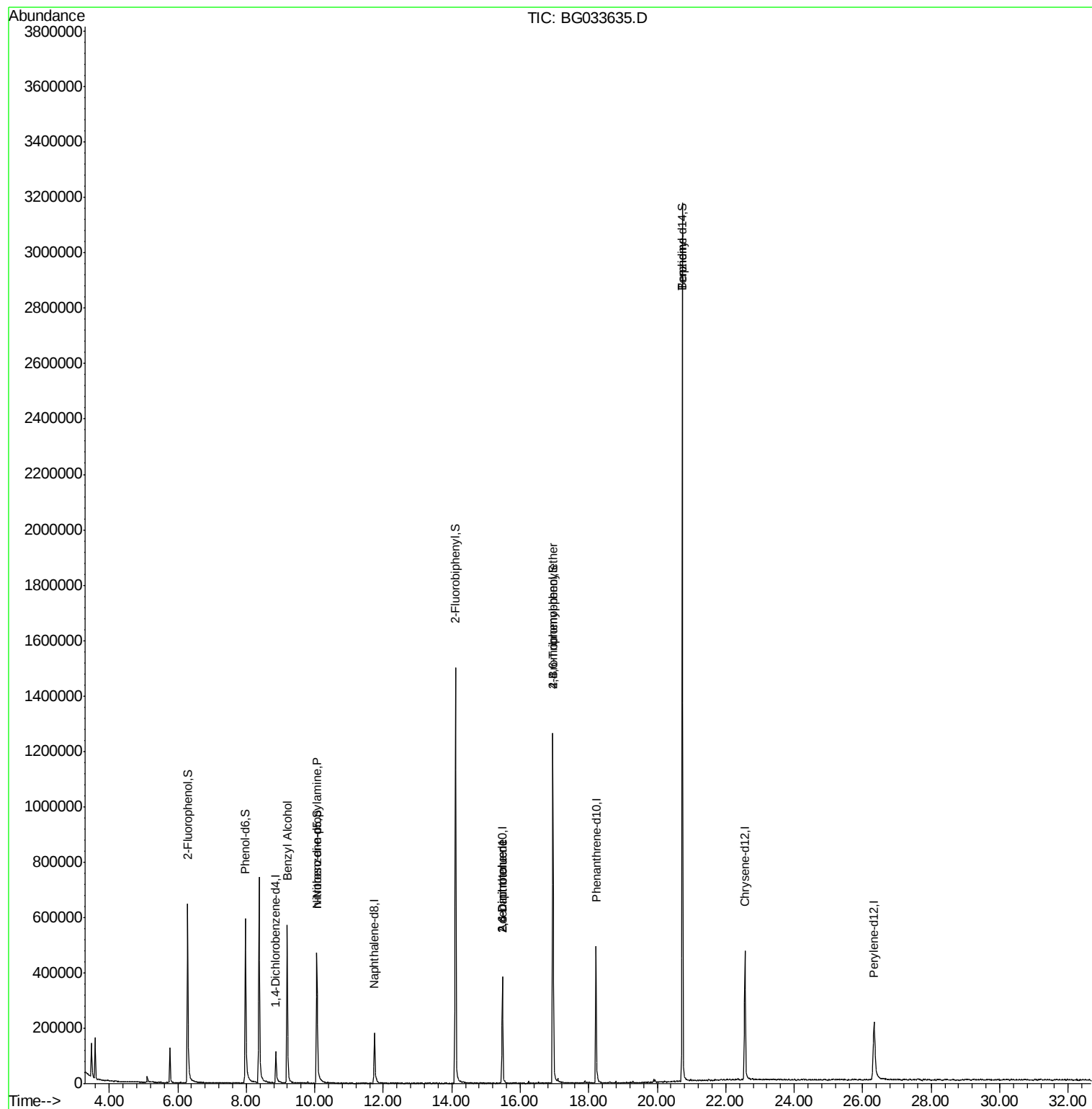
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	41437	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	181870	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	140662	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	353731	20.00	ng	0.00
75) Chrysene-d12	22.56	240	350563	20.00	ng	0.00
86) Perylene-d12	26.33	264	342015	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	305996	138.47	ng	0.00
7) Phenol-d6	7.97	99	432779	113.98	ng	0.00
23) Nitrobenzene-d5	10.06	82	376897	95.21	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	249480	118.59	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	891703	91.52	ng	0.00
78) Terphenyl-d14	20.73	244	1539140	93.90	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.20	79	6598	2.207	ng	# 57
19) n-Nitroso-di-n-propylamine	10.06	70	51192	18.399	ng	# 78
50) 2,6-Dinitrotoluene	15.48	165	18125	7.241	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	18123	4.917	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	17764	4.276	ng	# 1
76) Benzidine	20.73	184	26412	2.778	ng	97

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

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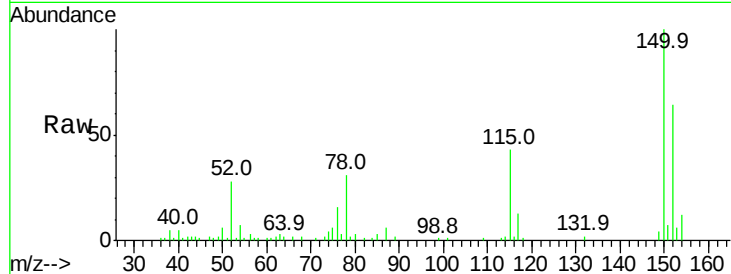


#1

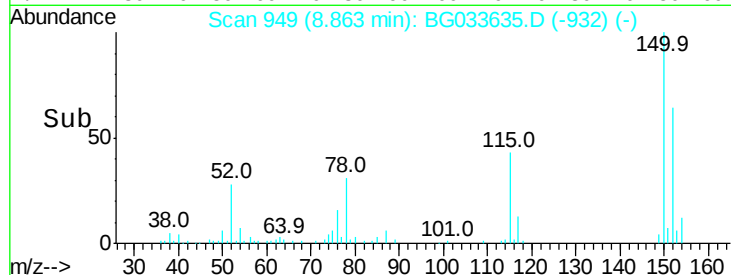
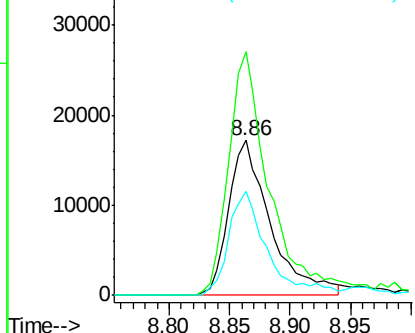
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.00 min
Lab File: BG033635.D
Acq: 6 Apr 2018 19:27

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 41437
Ion Ratio Lower Upper
152 100
150 157.3 126.6 189.8
115 67.1 53.0 79.4



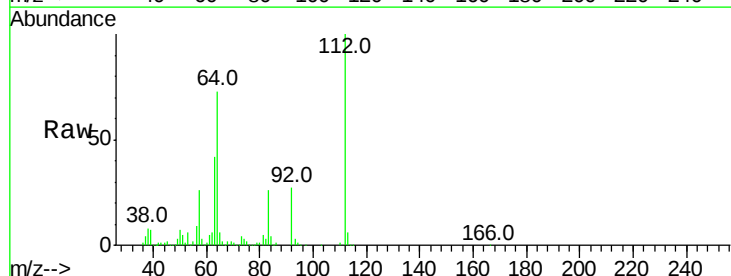
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



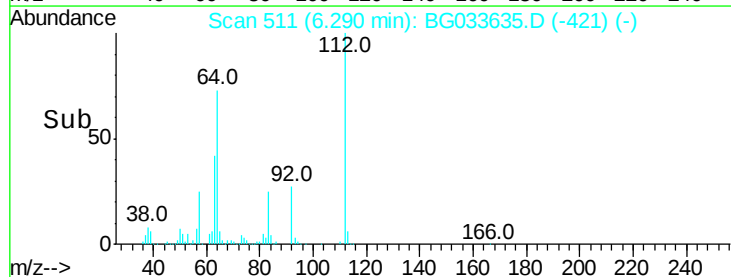
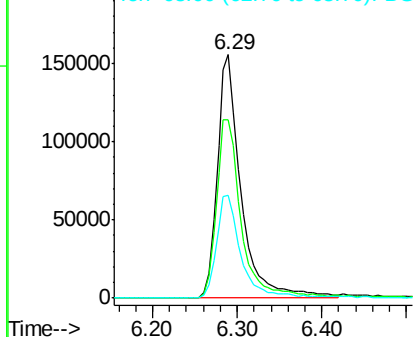
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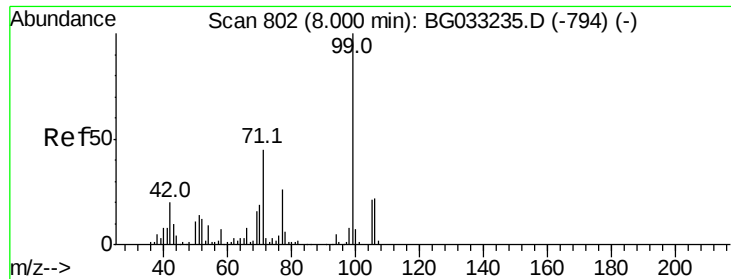
2-Fluorophenol
Concen: 138.470 ng
RT: 6.29 min Scan# 511
Delta R.T. -0.00 min
Lab File: BG033635.D
Acq: 6 Apr 2018 19:27

Tgt Ion:112 Resp: 305996
Ion Ratio Lower Upper
112 100
64 73.1 56.3 84.5
63 42.5 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: 113.981 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

Instrument :

BNA_G

ClientSampleId :

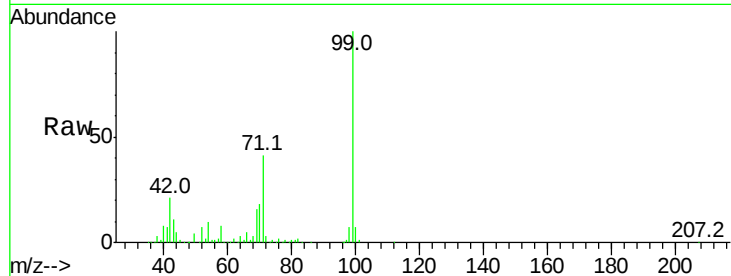
Tot Ion: 99 Resp: 432779

Ion Ratio Lower Upper

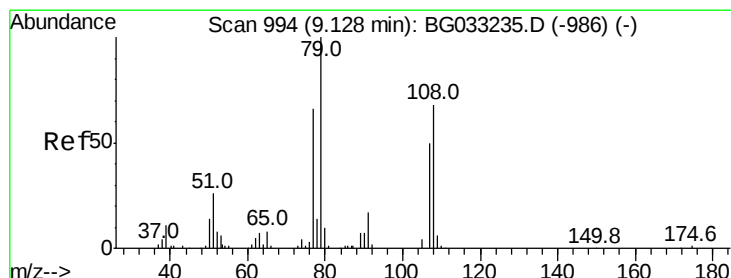
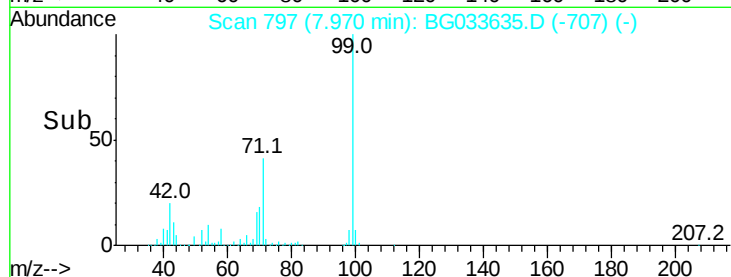
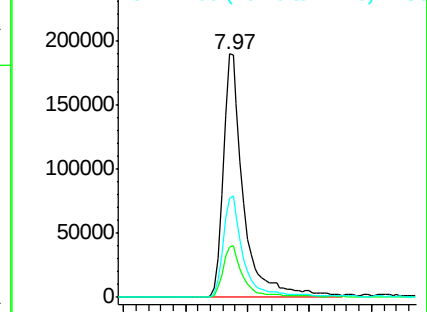
99 100

42 20.5 14.1 21.1

71 40.6 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: 2.207 ng

RT: 9.20 min Scan# 1006

Delta R.T. 0.10 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

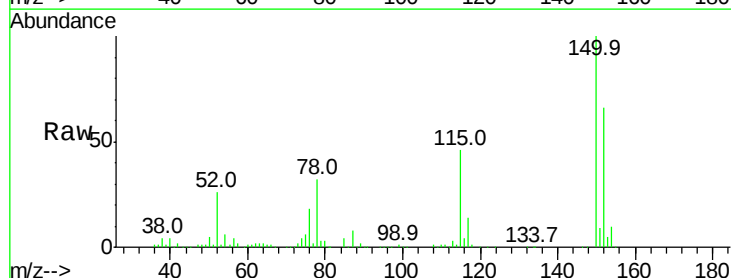
Tgt Ion: 79 Resp: 6598

Ion Ratio Lower Upper

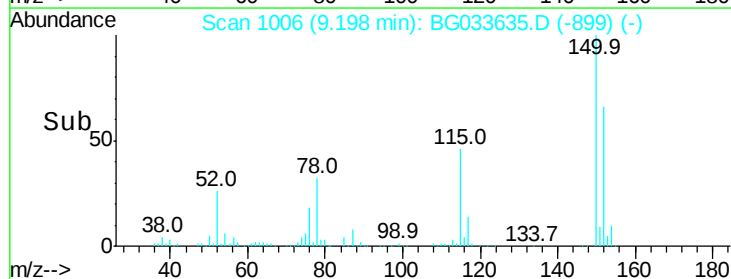
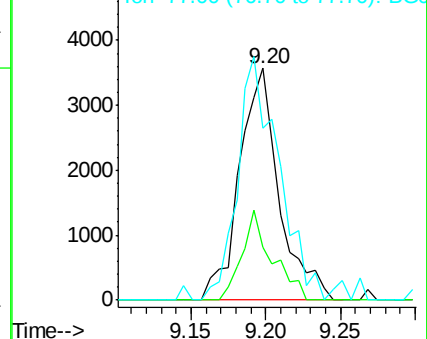
79 100

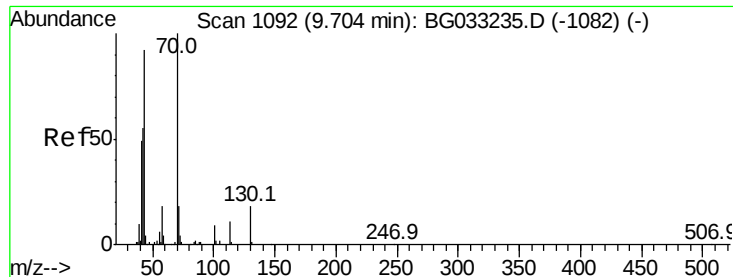
108 22.6 57.2 85.8#

77 74.3 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

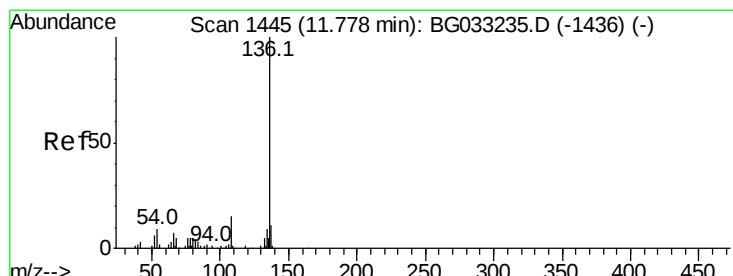
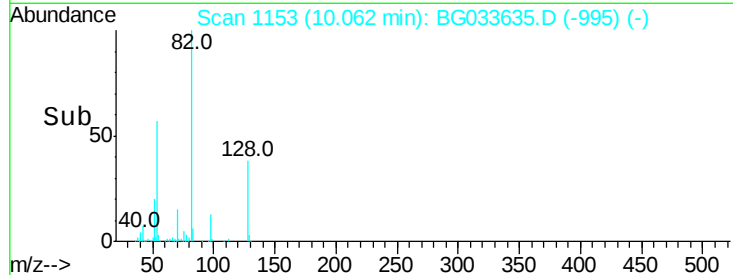
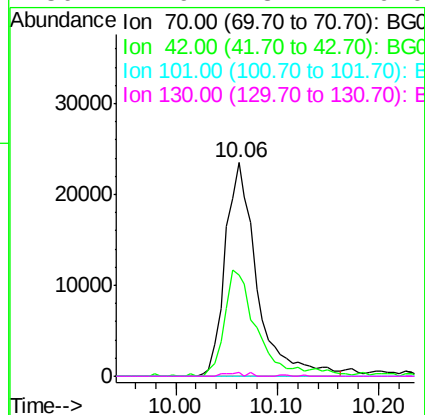
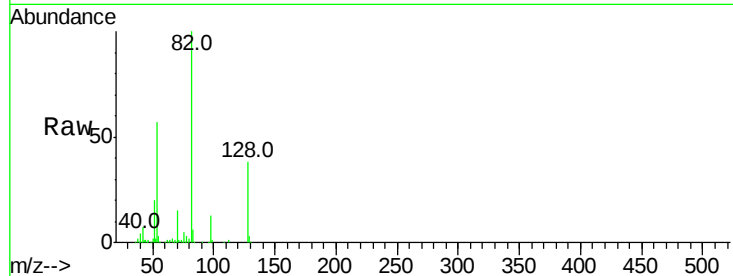




#19
n-Nitroso-di-n-propylamine
Concen: 18.399 ng
RT: 10.06 min Scan# 1153
Delta R.T. 0.40 min
Lab File: BG033635.D
Acq: 6 Apr 2018 19:27

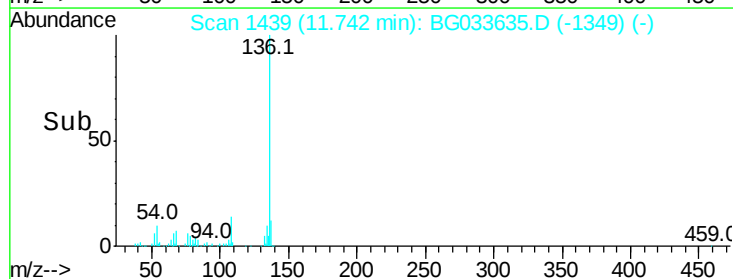
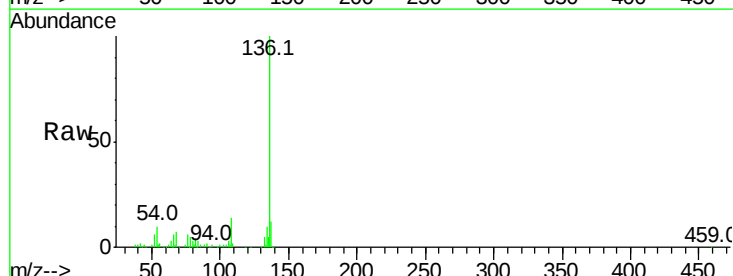
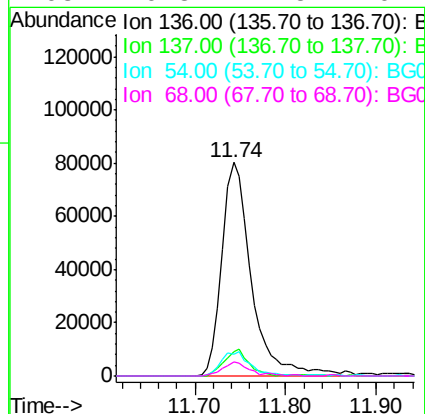
Instrument :
BNA_G
ClientSampleId :

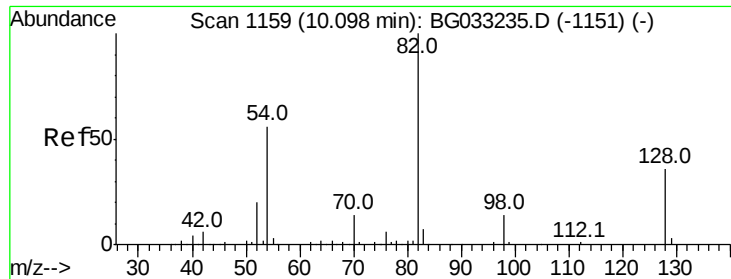
Tot Ion: 70 Resp: 51192
Ion Ratio Lower Upper
70 100
42 47.6 49.1 73.7#
101 0.0 8.5 12.7#
130 1.9 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BG033635.D
Acq: 6 Apr 2018 19:27

Tgt Ion: 136 Resp: 181870
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 10.5 10.3 15.5
68 6.8 4.5 6.7#



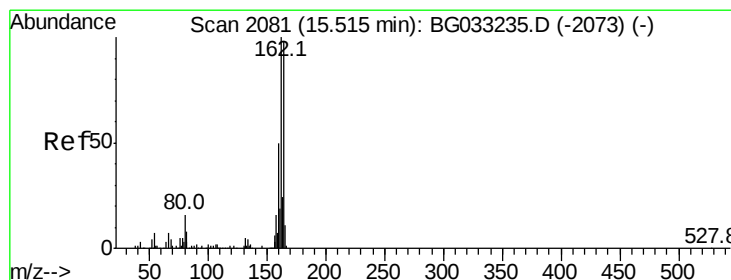
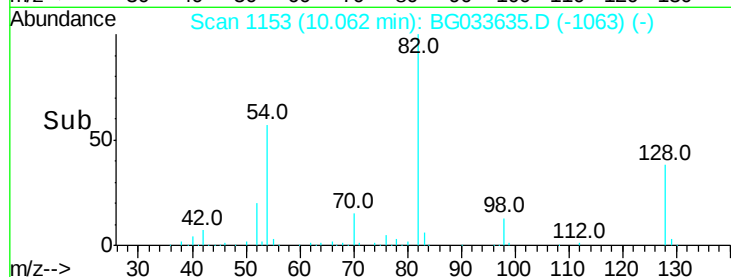
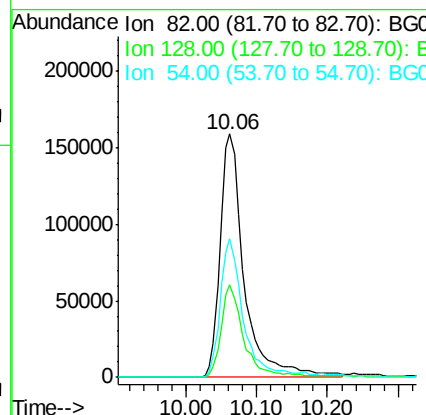
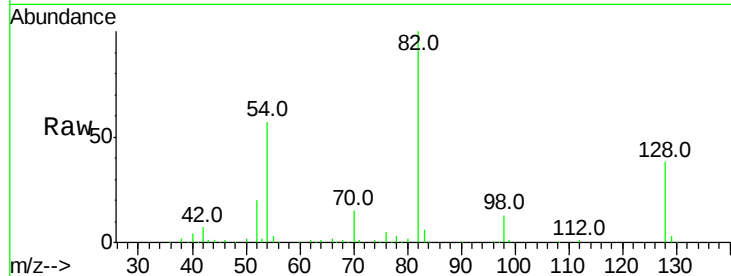


#23
 Nitrobenzene-d5
 Concen: 95.212 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 376897

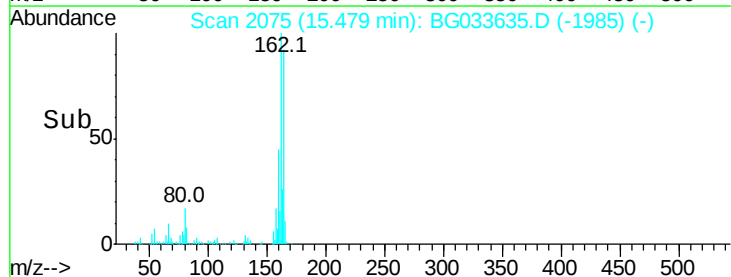
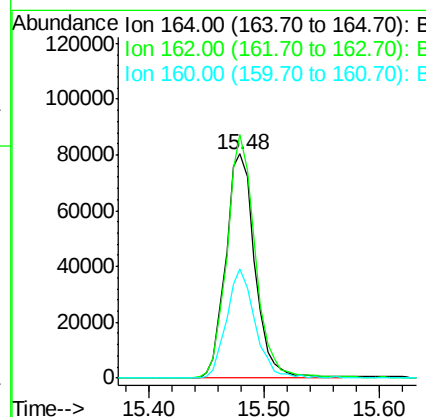
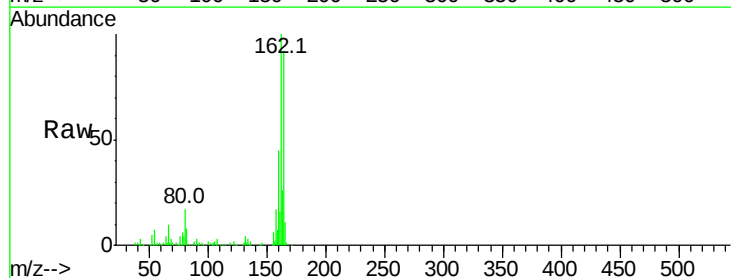
Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.7	44.5
54	56.8	43.1	64.7

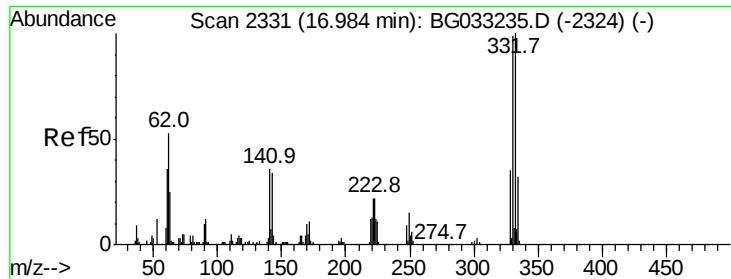


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

Tgt Ion: 164 Resp: 140662

Ion	Ratio	Lower	Upper
164	100		
162	108.5	78.8	118.2
160	48.7	35.4	53.0

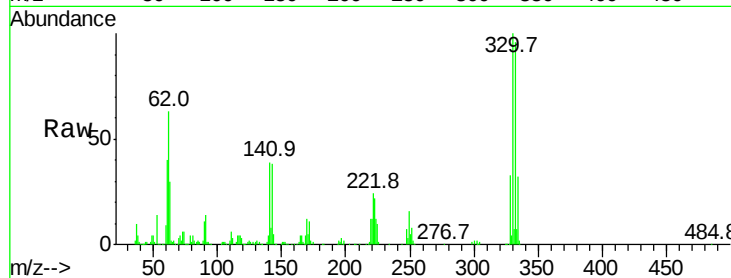




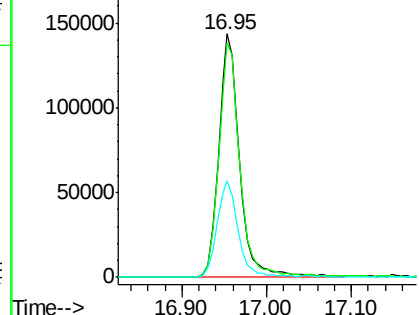
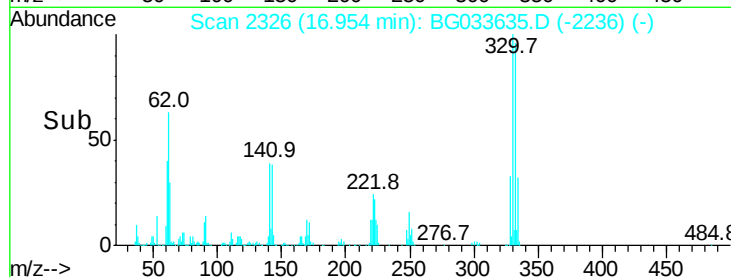
#41
 2,4,6-Tribromophenol
 Concen: 118.587 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 249480
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 39.9 25.2 37.8#

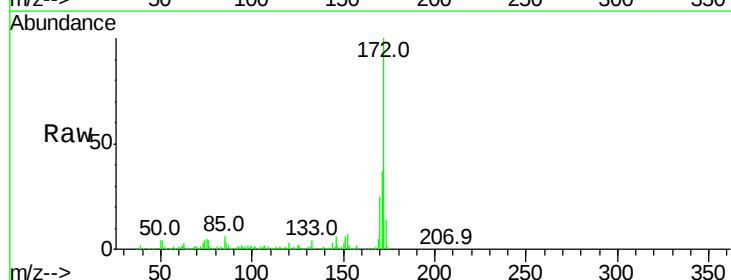


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

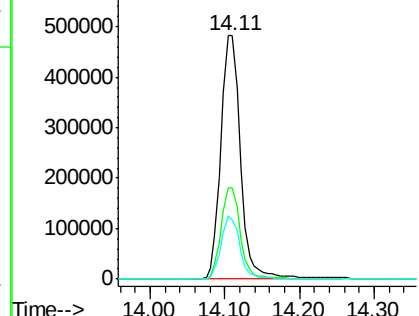
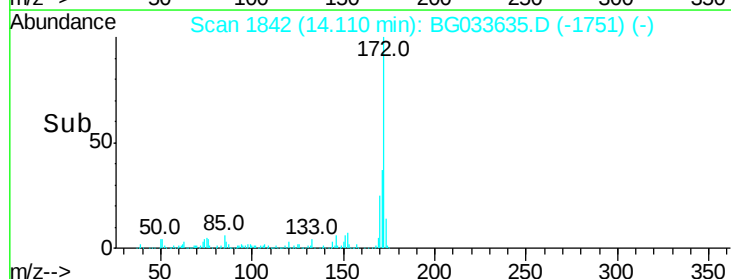


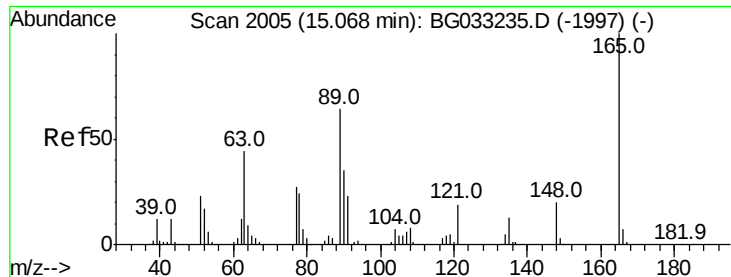
#44
 2-Fluorobiphenyl
 Concen: 91.517 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

Tgt Ion:172 Resp: 891703
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.0 45.0
 170 24.6 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

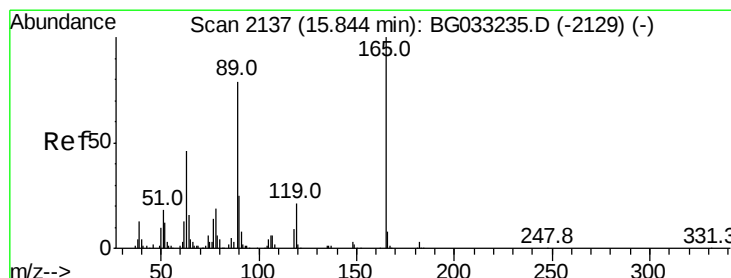
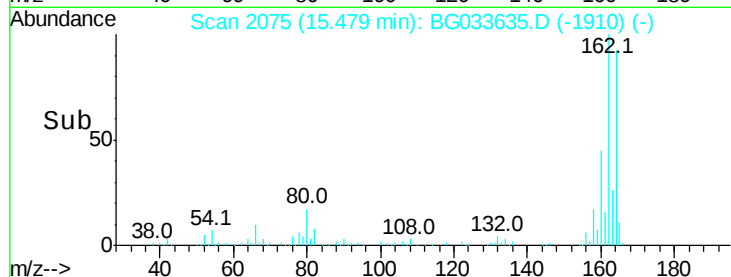
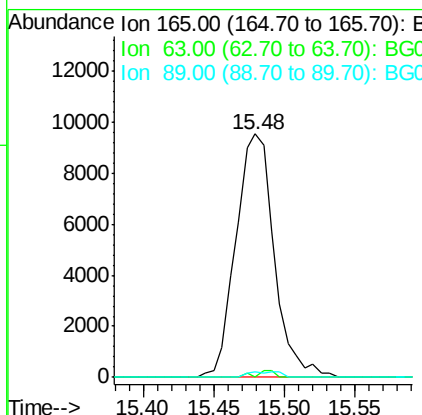
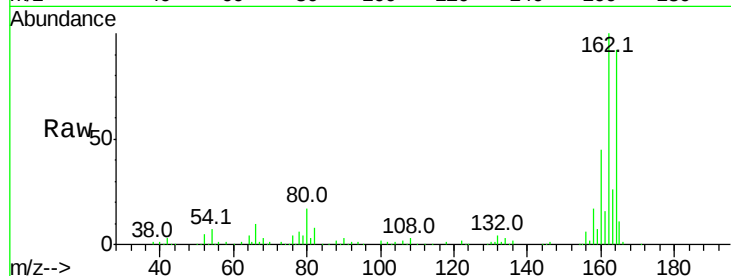




#50
 2,6-Dinitrotoluene
 Concen: 7.241 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.44 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

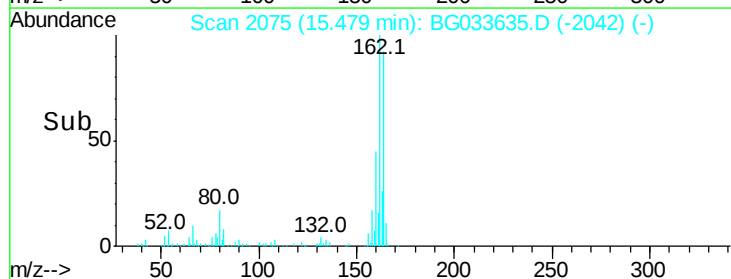
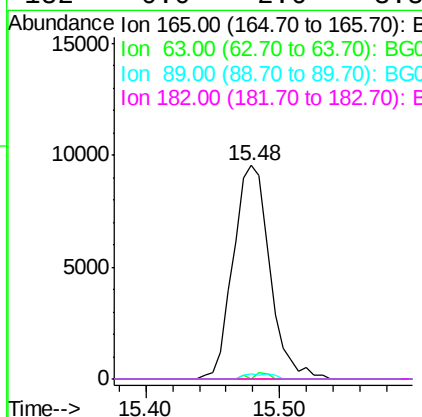
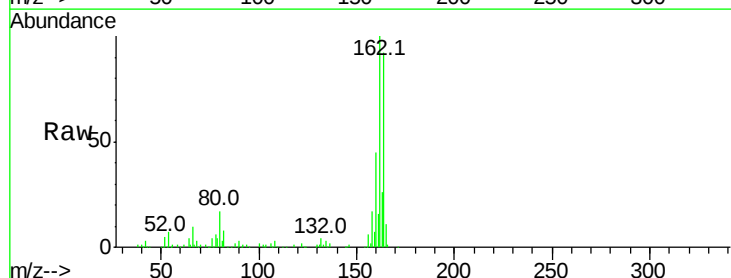
Instrument :
 BNA_G
 ClientSampleId :

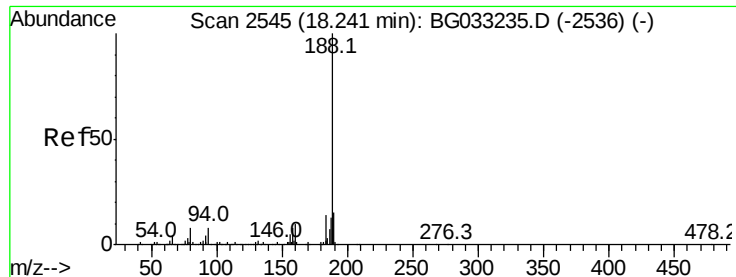
Tot Ion:165 Resp: 18125
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 2.1 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.917 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033635.D
 Acq: 6 Apr 2018 19:27

Tgt Ion:165 Resp: 18123
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 2.1 66.9 100.3#
 182 0.0 2.6 3.8#

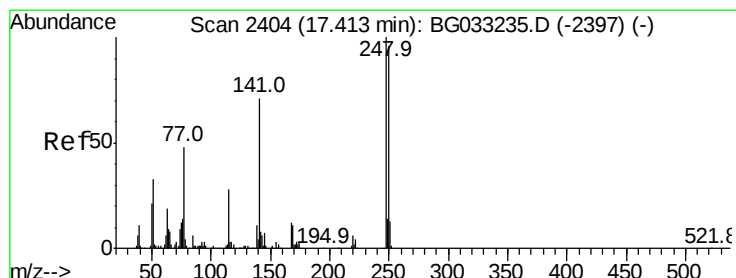
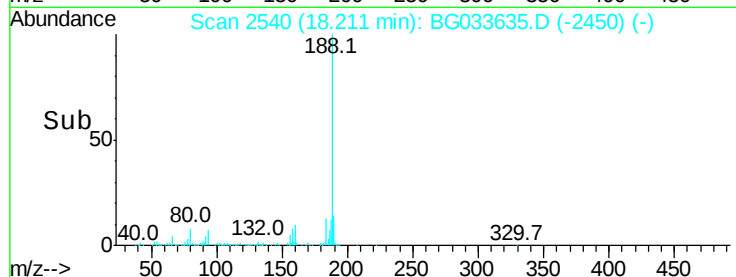
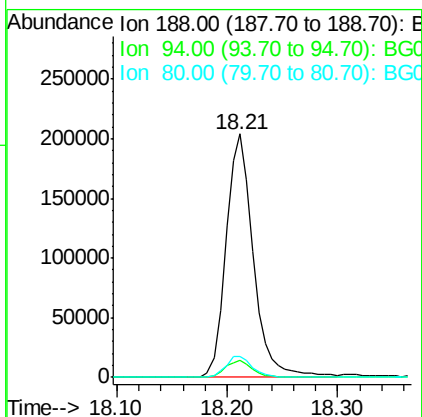
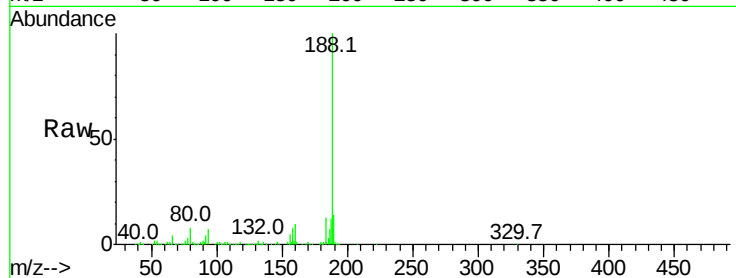




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033635.D
Acq: 6 Apr 2018 19:27

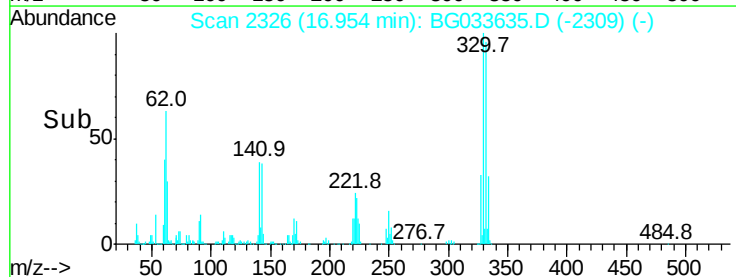
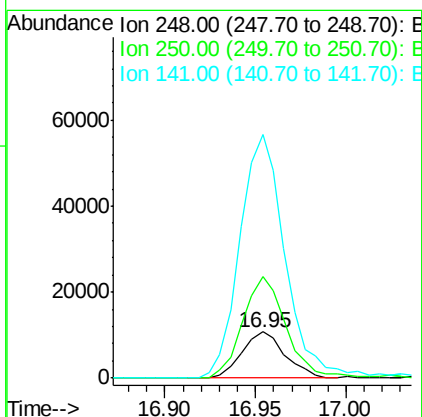
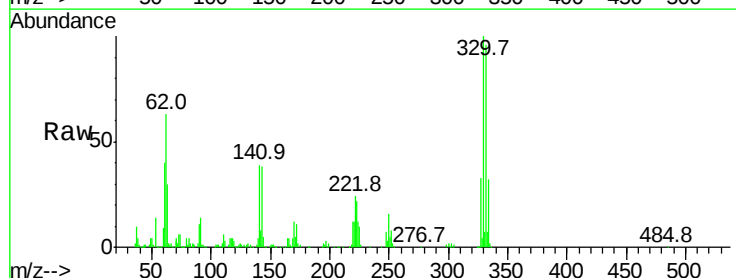
Instrument :
BNA_G
ClientSampled :

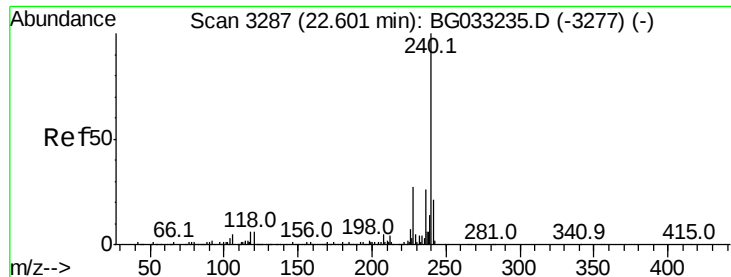
Tot Ion:188 Resp: 353731
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 8.5 7.7 11.5



#66
4-Bromophenyl-phenylether
Concen: 4.276 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033635.D
Acq: 6 Apr 2018 19:27

Tgt Ion:248 Resp: 17764
Ion Ratio Lower Upper
248 100
250 220.3 77.1 115.7#
141 527.6 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

Instrument :

BNA_G

ClientSampleId :

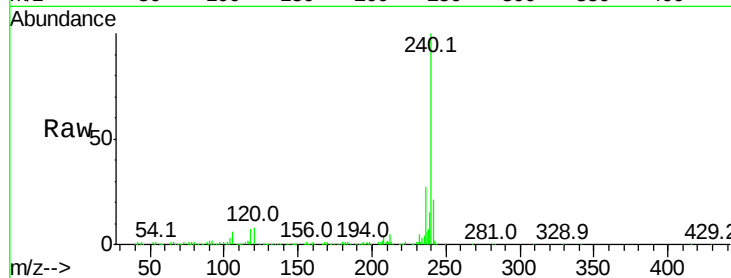
Tot Ion:240 Resp: 350563

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

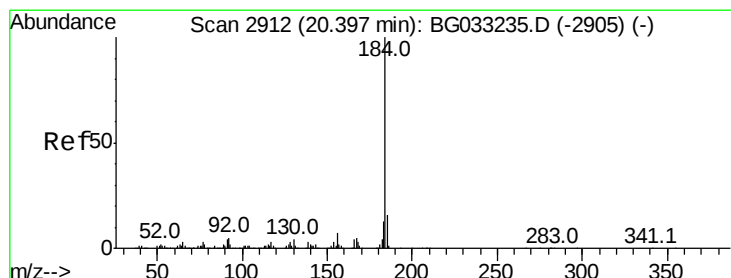
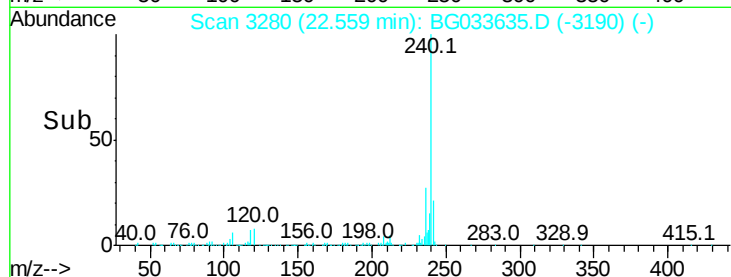
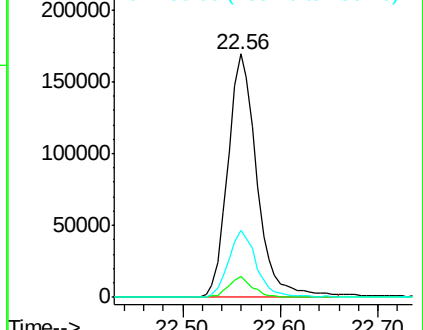
236 27.5 20.9 31.3



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: 2.778 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.36 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

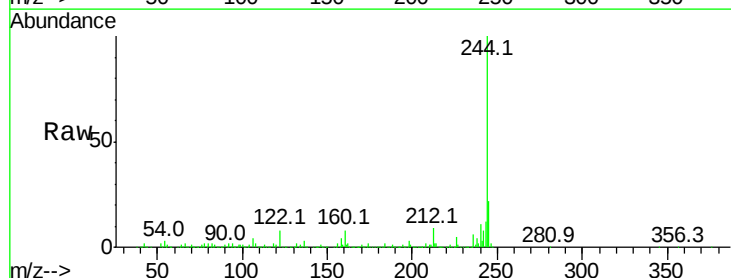
Tgt Ion:184 Resp: 26412

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

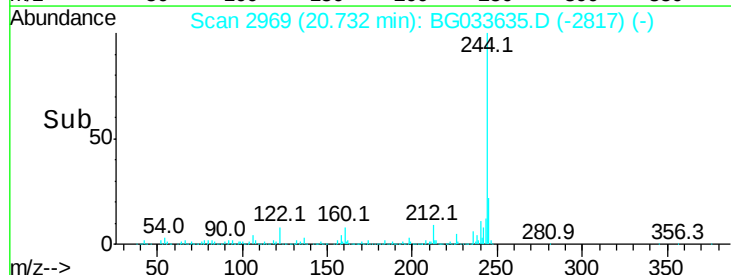
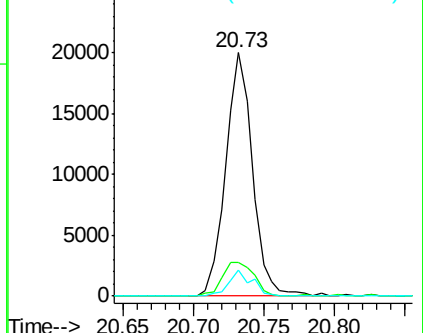
183 10.8 10.6 16.0

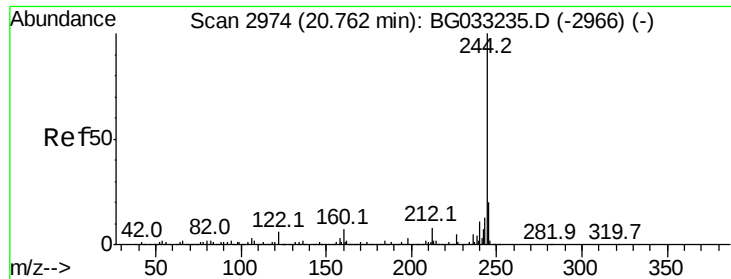


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 93.895 ng

RT: 20.73 min Scan# 2969

Delta R.T. 0.01 min

Lab File: BG033635.D

Acq: 6 Apr 2018 19:27

Instrument :

BNA_G

ClientSampled :

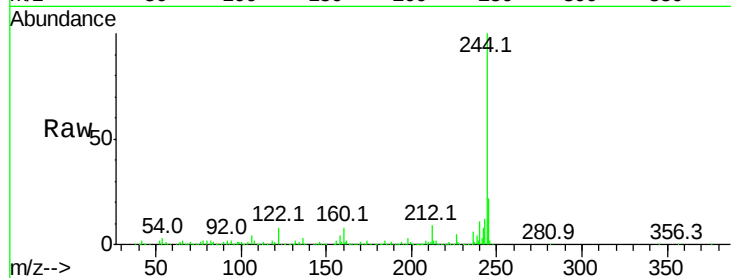
Tot Ion:244 Resp: 1539140

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

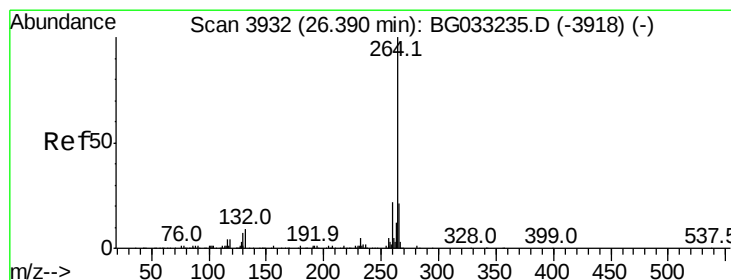
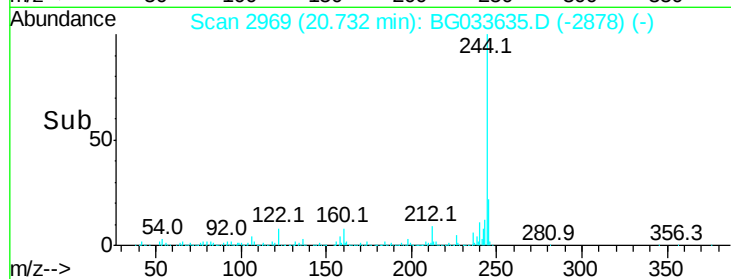
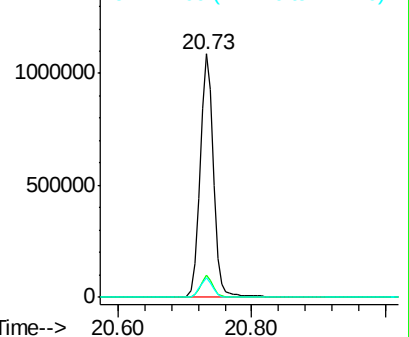
122 8.1 7.0 10.4



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: BG033635.D

Acq: 6 Apr 2018 19:27

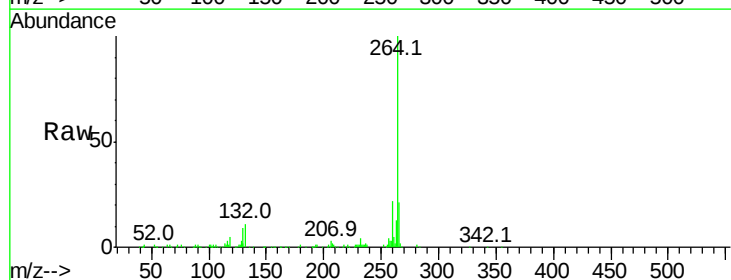
Tgt Ion:264 Resp: 342015

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 20.9 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

