

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036790.D
 Acq On : 18 Sep 2018 17:50
 Operator : JU/SJ
 Sample : J4940-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 05:53:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

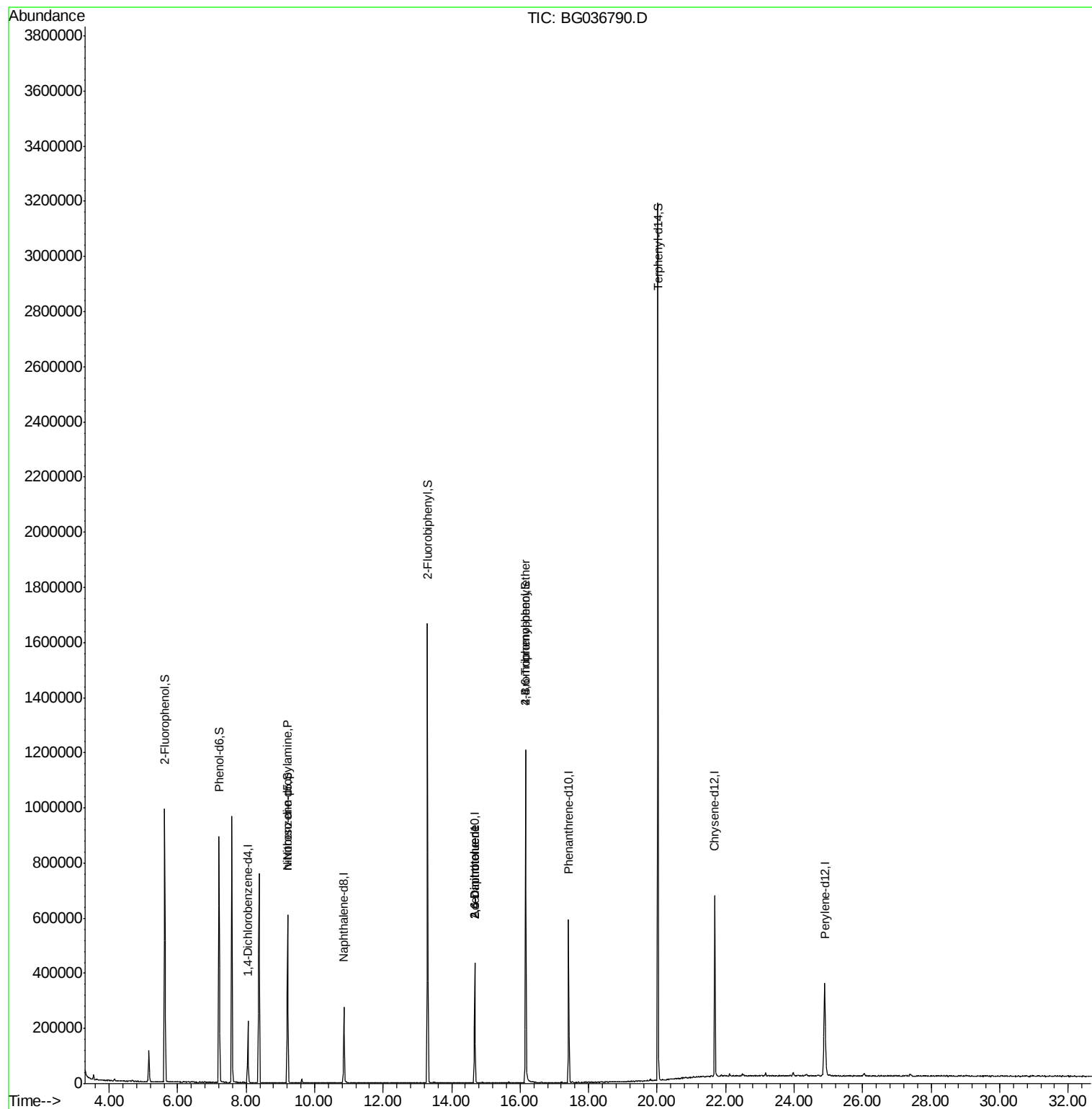
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61164	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	235419	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	149500	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	385394	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	405236	20.00	ng	-0.01
86) Perylene-d12	24.89	264	393162	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	407377	105.65	ng	0.00
7) Phenol-d6	7.21	99	516796	93.61	ng	0.00
23) Nitrobenzene-d5	9.21	82	376737	86.83	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	233872	131.10	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	839629	80.19	ng	-0.01
78) Terphenyl-d14	20.02	244	1464162	84.45	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	50023	12.124	ng	# 73
50) 2,6-Dinitrotoluene	14.67	165	18704	7.446	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	18704	5.713	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	16623	3.684	ng	# 1

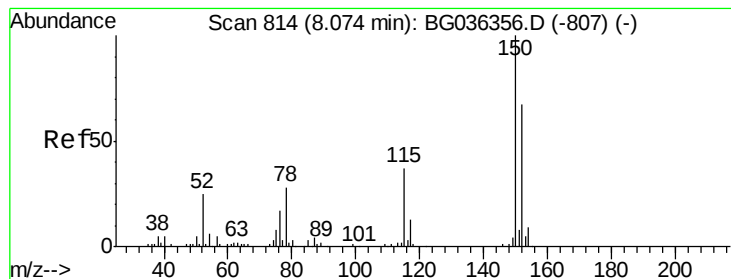
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 810

Delta R.T. -0.01 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

Instrument :

BNA_G

ClientSampleId :

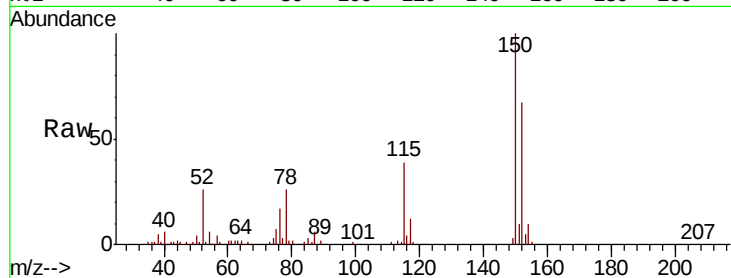
Tot Ion:152 Resp: 61164

Ion Ratio Lower Upper

152 100

150 148.4 119.5 179.3

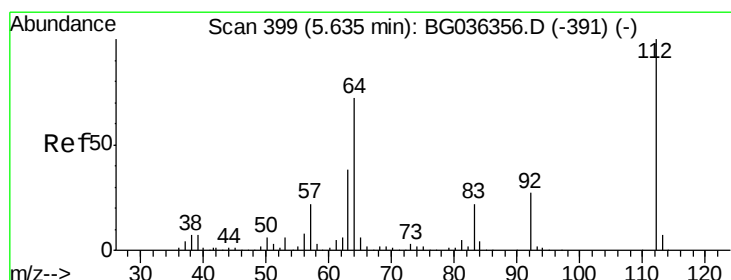
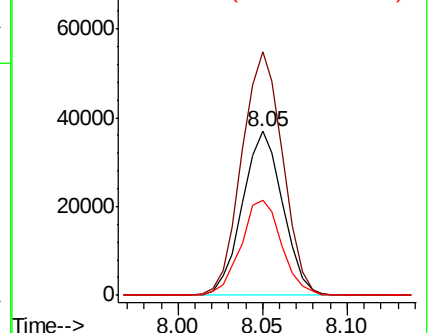
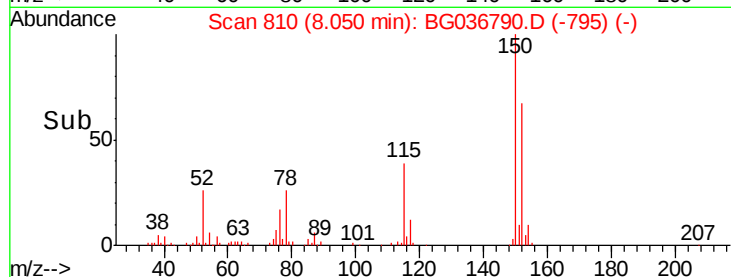
115 57.9 44.5 66.7



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: 105.654 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

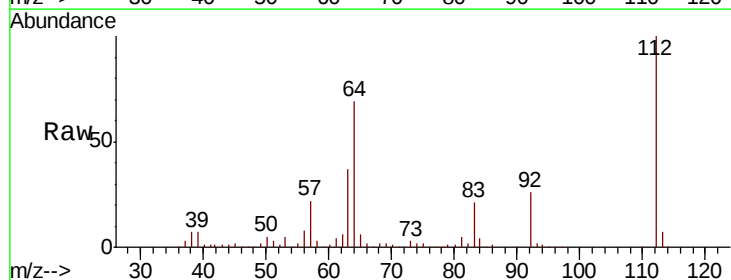
Tgt Ion:112 Resp: 407377

Ion Ratio Lower Upper

112 100

64 69.2 57.2 85.8

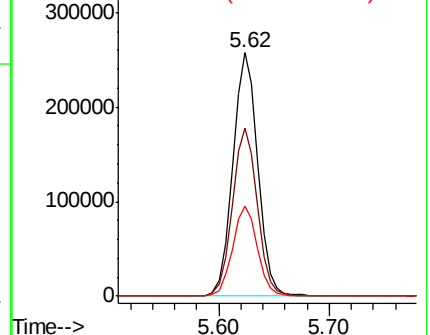
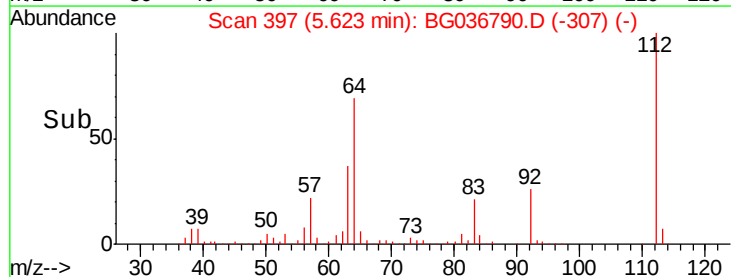
63 37.1 30.8 46.2



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: 93.614 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

Instrument :

BNA_G

ClientSampleId :

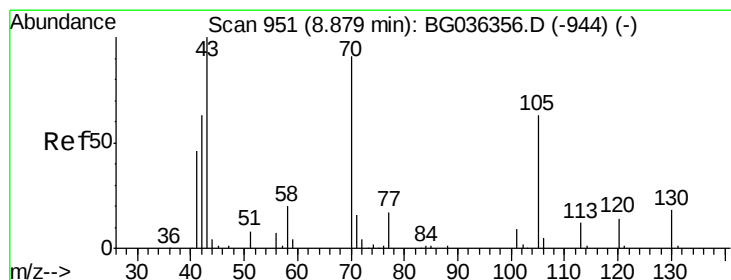
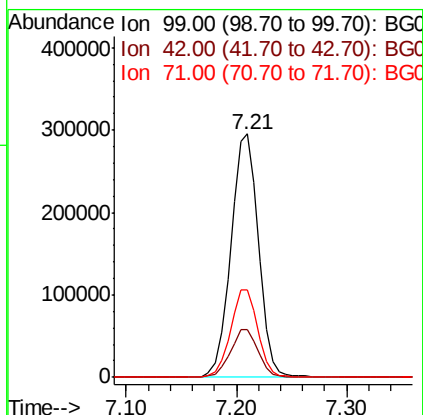
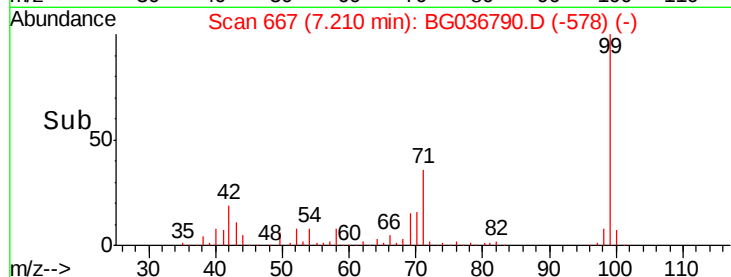
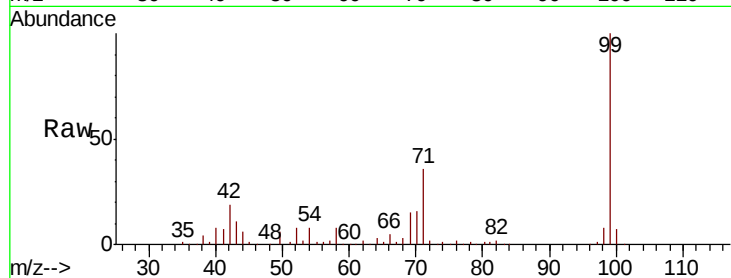
Tot Ion: 99 Resp: 516796

Ion Ratio Lower Upper

99 100

42 19.5 16.5 24.7

71 35.8 29.4 44.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.124 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

Tgt Ion: 70 Resp: 50023

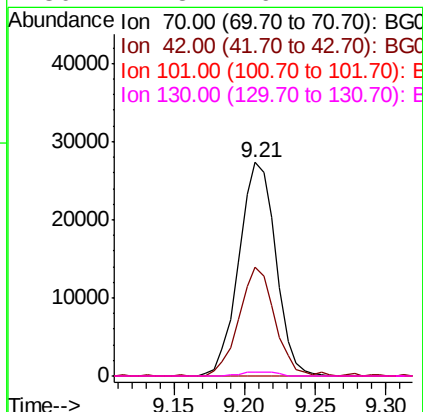
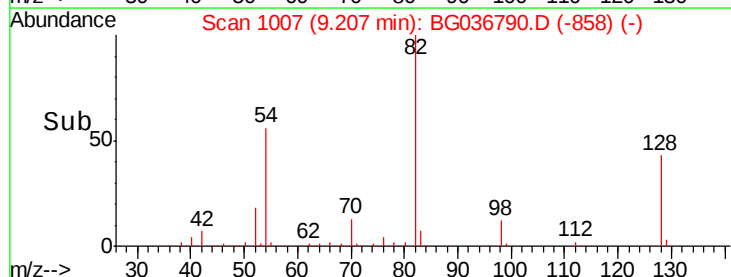
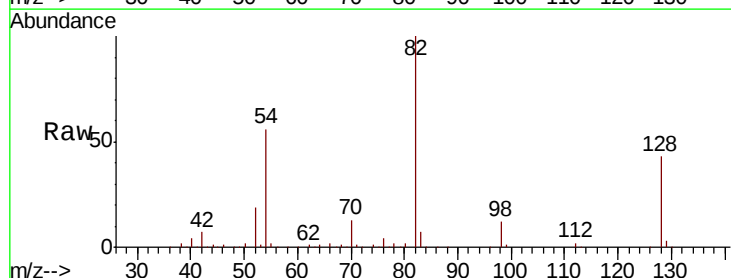
Ion Ratio Lower Upper

70 100

42 51.1 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#

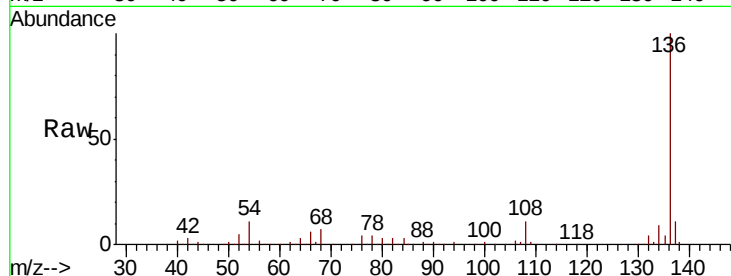




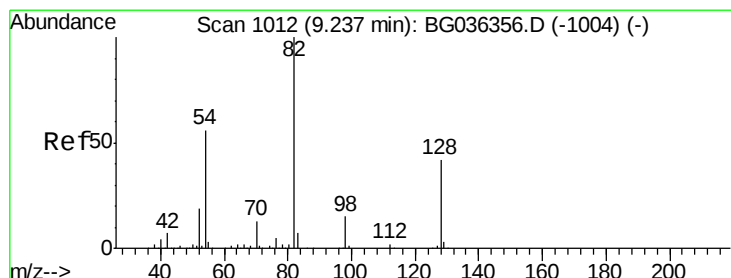
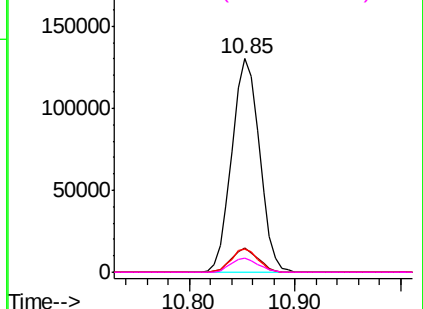
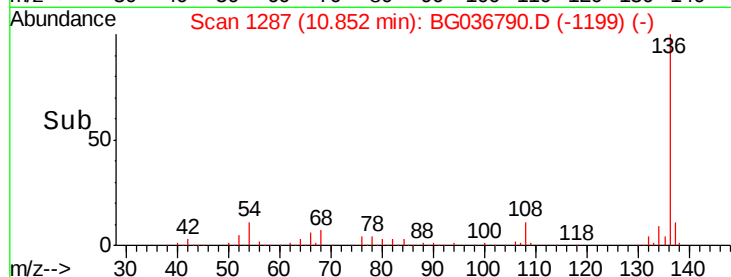
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036790.D
Acq: 18 Sep 2018 17:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	235419
Ion Ratio	Lower	Upper
136 100		
137 11.5	8.8	13.2
54 10.7	9.2	13.8
68 6.6	5.8	8.6

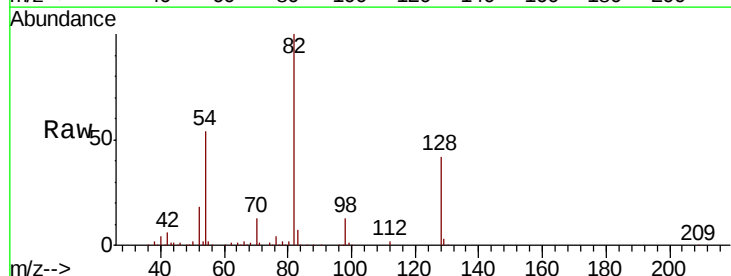


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

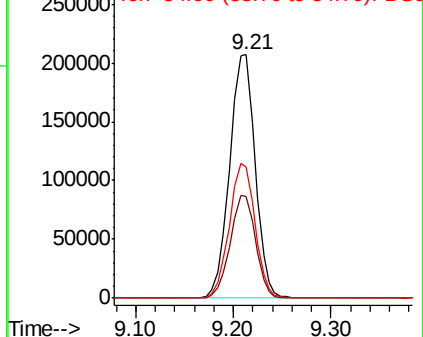
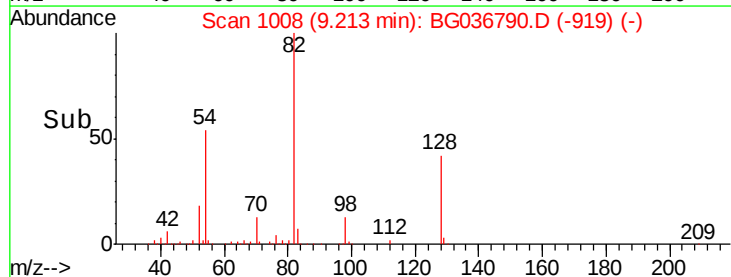


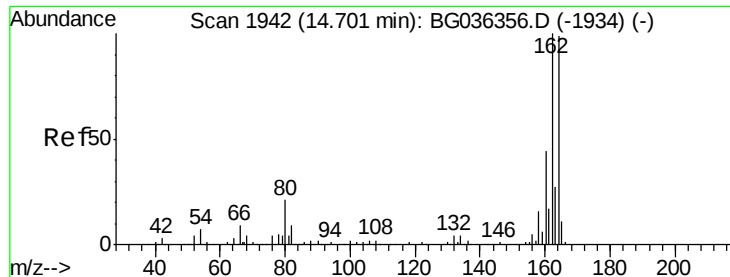
#23
Nitrobenzene-d5
Concen: 86.826 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036790.D
Acq: 18 Sep 2018 17:50

Tgt Ion: 82	Resp: 376737
Ion Ratio	Lower Upper
82 100	
128 41.8	33.3 49.9
54 53.8	45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

Instrument :

BNA_G

ClientSampleId :

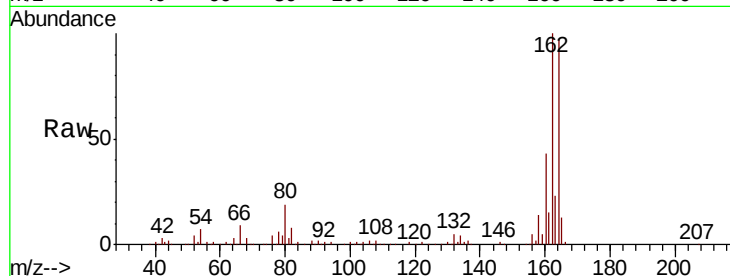
Tot Ion:164 Resp: 149500

Ion Ratio Lower Upper

164 100

162 102.9 80.7 121.1

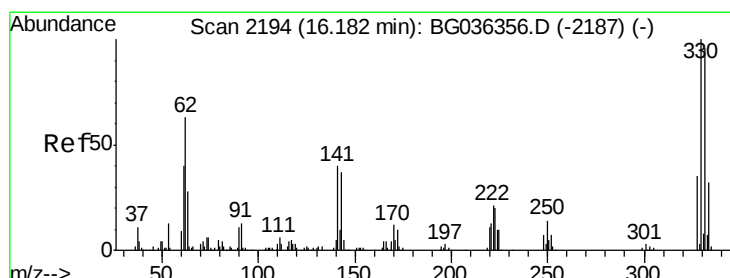
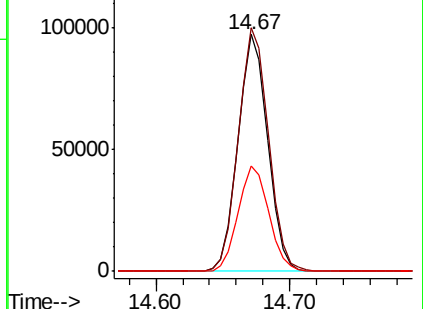
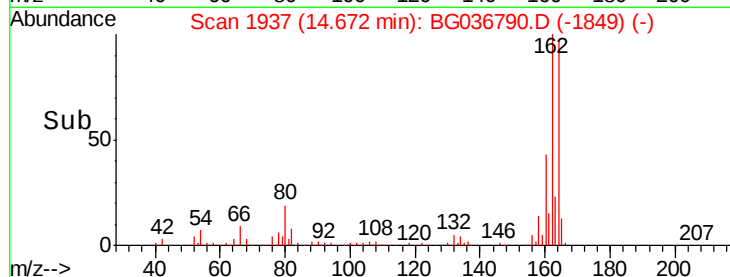
160 44.5 35.3 52.9



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: 131.104 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

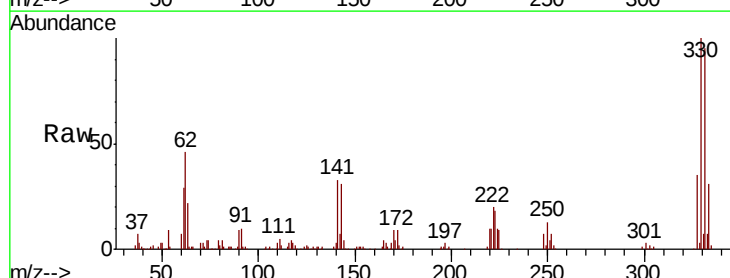
Tgt Ion:330 Resp: 233872

Ion Ratio Lower Upper

330 100

332 97.2 75.4 113.2

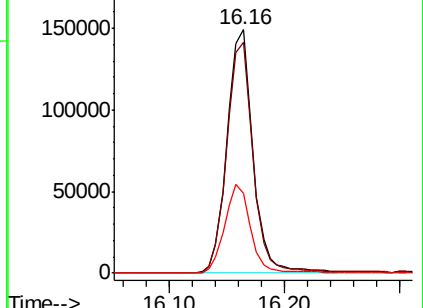
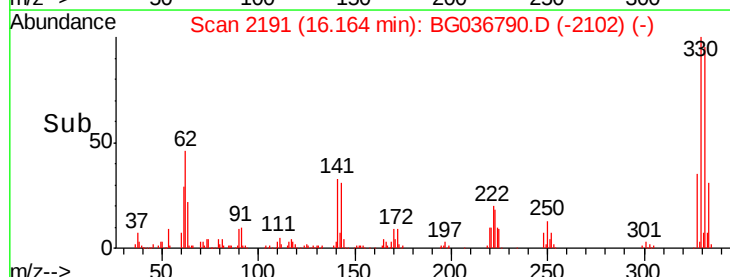
141 36.6 30.7 46.1



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

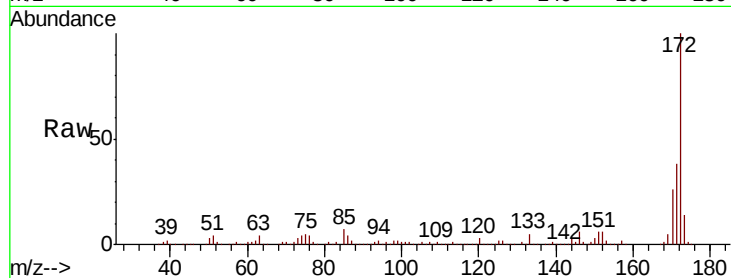




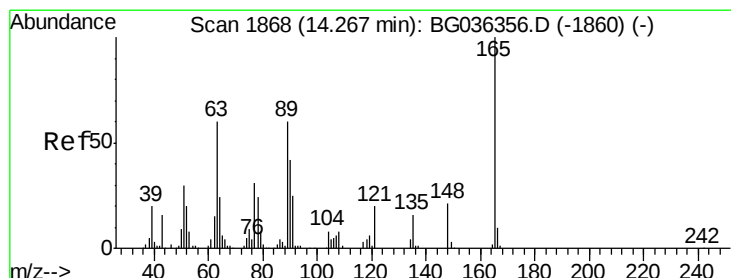
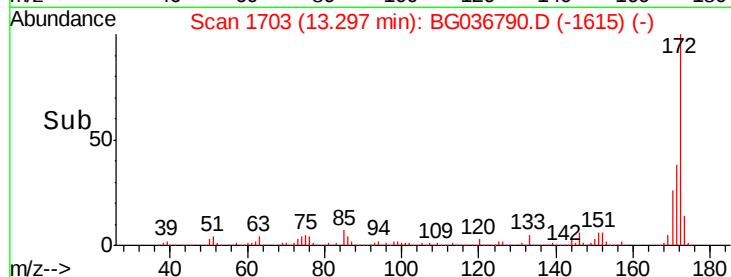
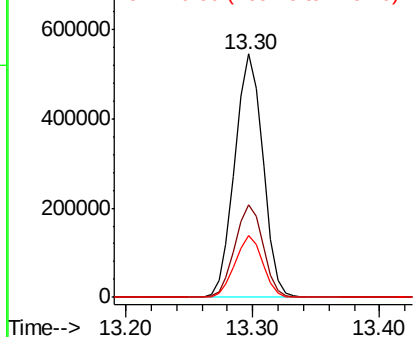
#44
 2-Fluorobiphenyl
 Concen: 80.190 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036790.D
 Acq: 18 Sep 2018 17:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 839629
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 25.5 21.0 31.6

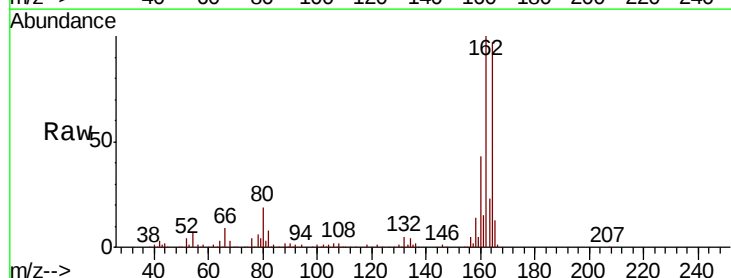


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

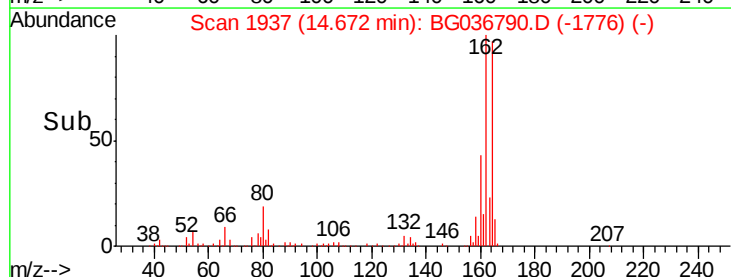
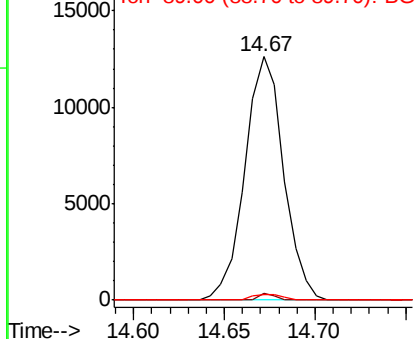


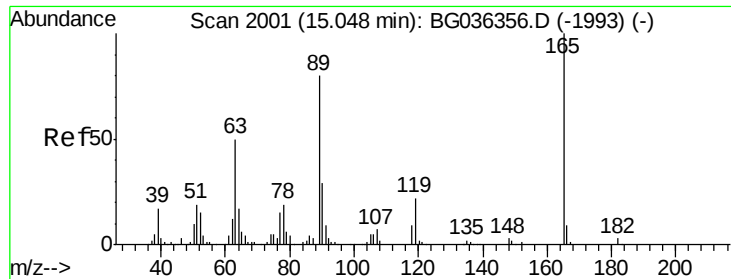
#50
 2,6-Dinitrotoluene
 Concen: 7.446 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.42 min
 Lab File: BG036790.D
 Acq: 18 Sep 2018 17:50

Tgt Ion:165 Resp: 18704
 Ion Ratio Lower Upper
 165 100
 63 2.9 50.1 75.1#
 89 2.1 47.8 71.6#



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

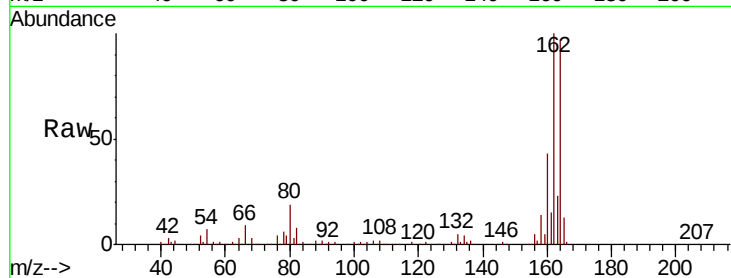




#56
 2,4-Dinitrotoluene
 Concen: 5.713 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036790.D
 Acq: 18 Sep 2018 17:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.9	40.1	60.1#
89	2.1	63.7	95.5#
182	0.0	2.5	3.7#



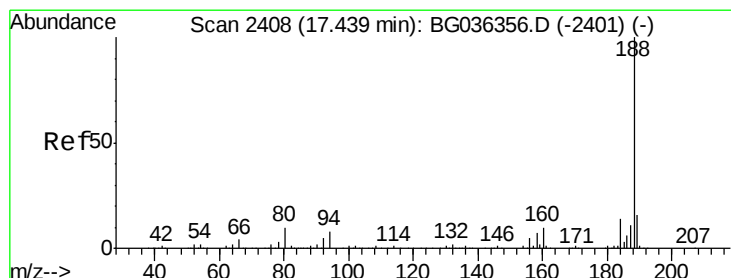
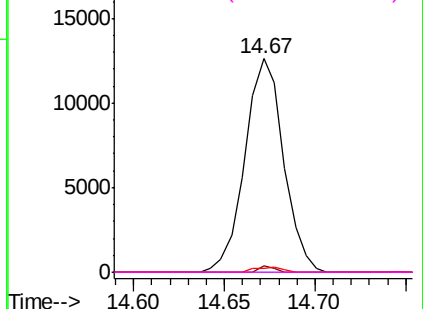
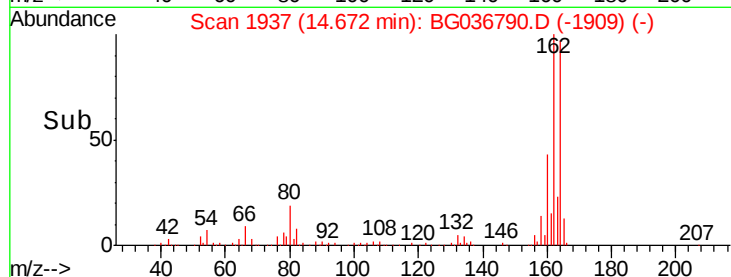
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

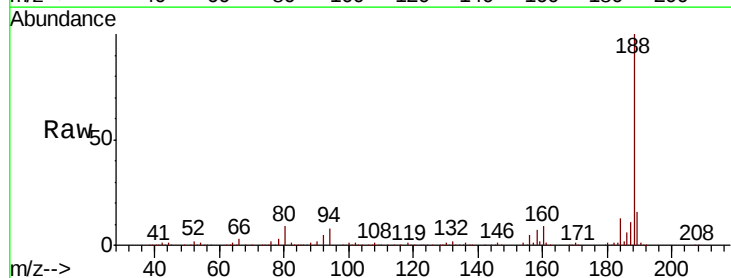
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036790.D
 Acq: 18 Sep 2018 17:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.7	10.1
80	9.2	8.1	12.1

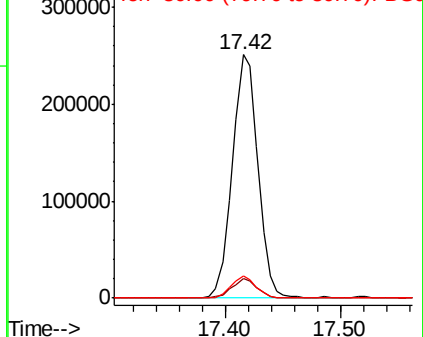
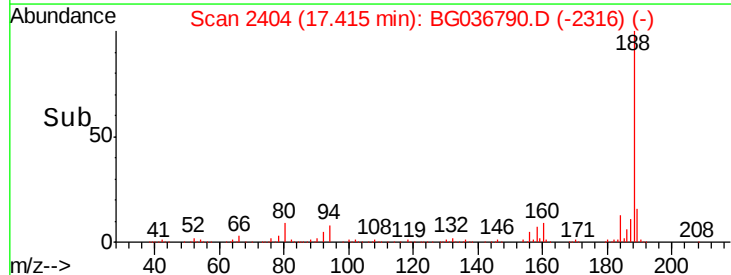


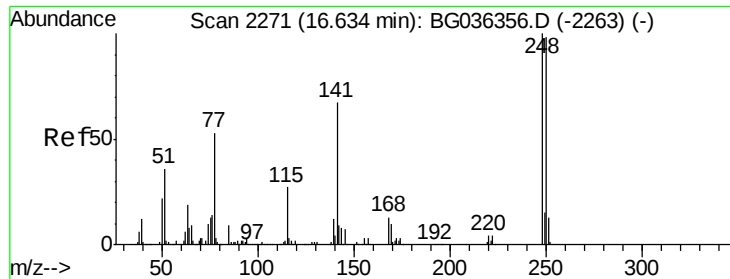
Abundance

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

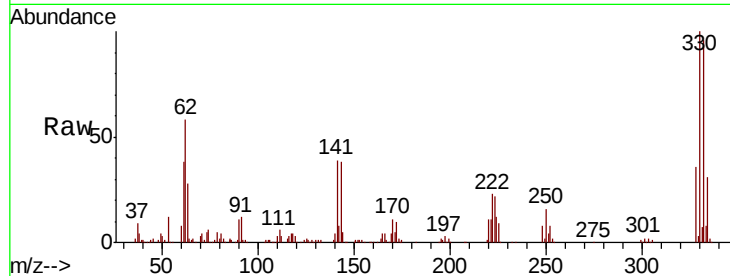




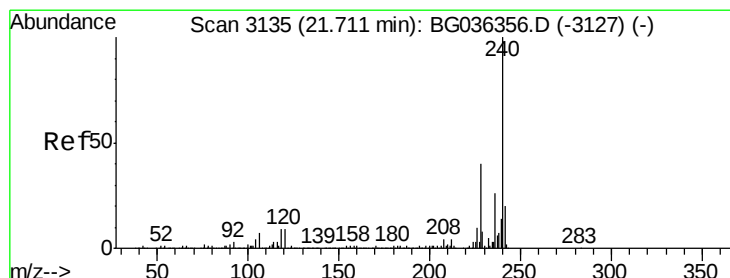
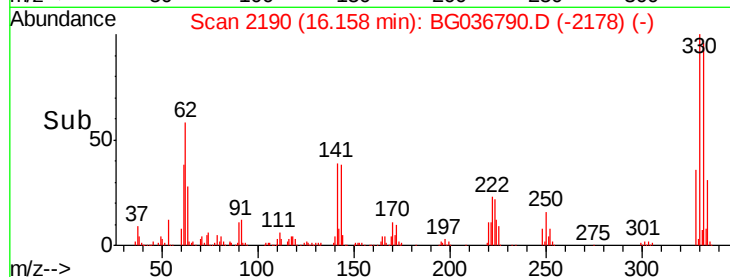
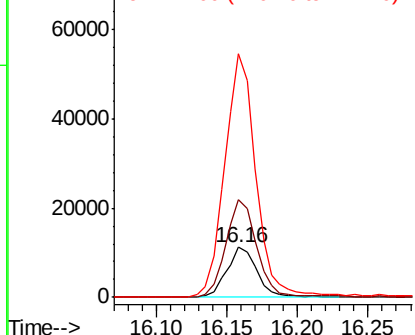
#66
 4-Bromophenyl-phenylether
 Concen: 3.684 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036790.D
 Acq: 18 Sep 2018 17:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 16623
 Ion Ratio Lower Upper
 248 100
 250 194.8 78.1 117.1#
 141 487.4 53.7 80.5#

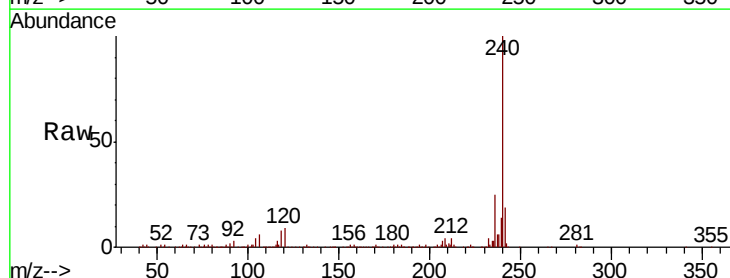


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

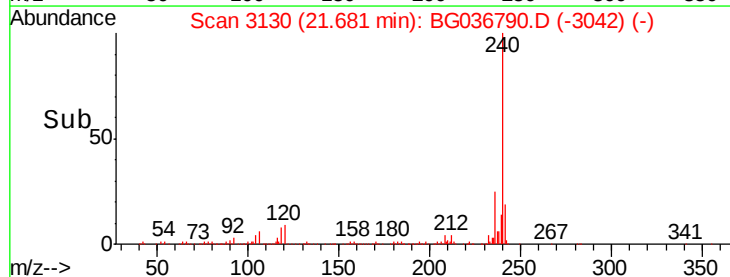
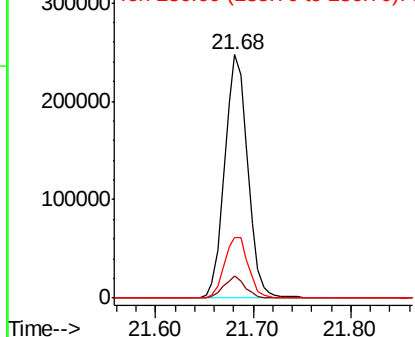


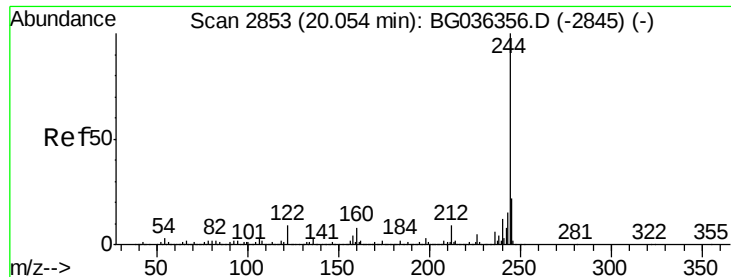
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036790.D
 Acq: 18 Sep 2018 17:50

Tgt Ion:240 Resp: 405236
 Ion Ratio Lower Upper
 240 100
 120 8.9 6.9 10.3
 236 24.9 21.2 31.8



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





#78

Terphenyl-d14

Concen: 84.451 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

Instrument :

BNA_G

ClientSampled :

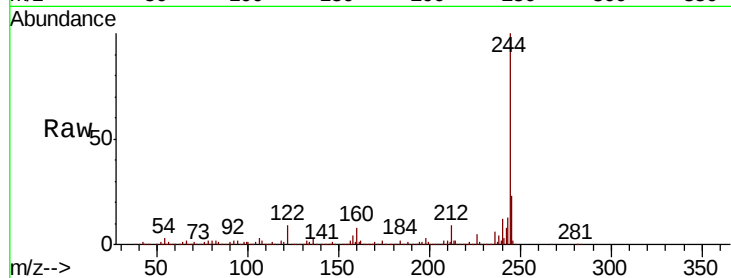
Tot Ion:244 Resp: 1464162

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

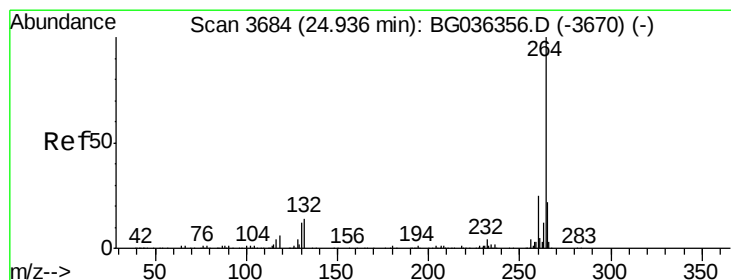
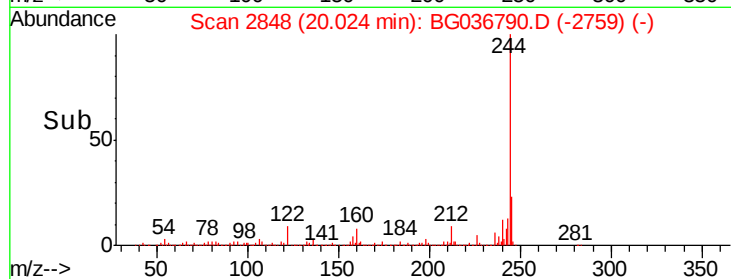
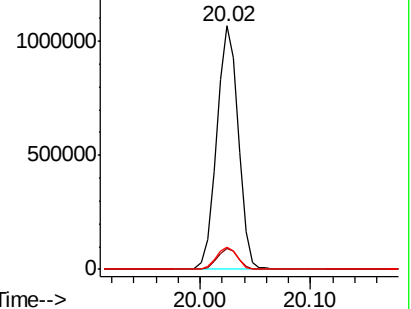
122 9.3 7.1 10.7



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: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG036790.D

Acq: 18 Sep 2018 17:50

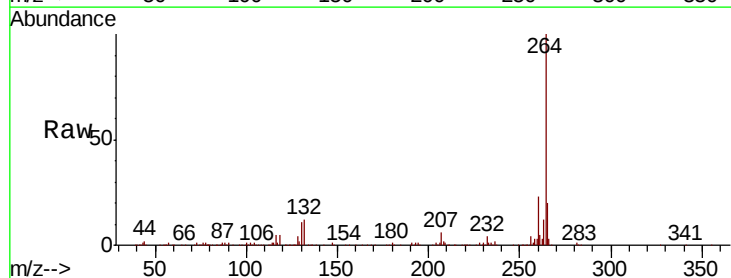
Tgt Ion:264 Resp: 393162

Ion Ratio Lower Upper

264 100

260 22.7 19.6 29.4

265 20.5 17.4 26.0



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

