

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
 Data File : BG036465.D
 Acq On : 28 Aug 2018 19:37
 Operator : JU/SJ
 Sample : J4274-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-082718

Quant Time: Aug 29 01:06:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

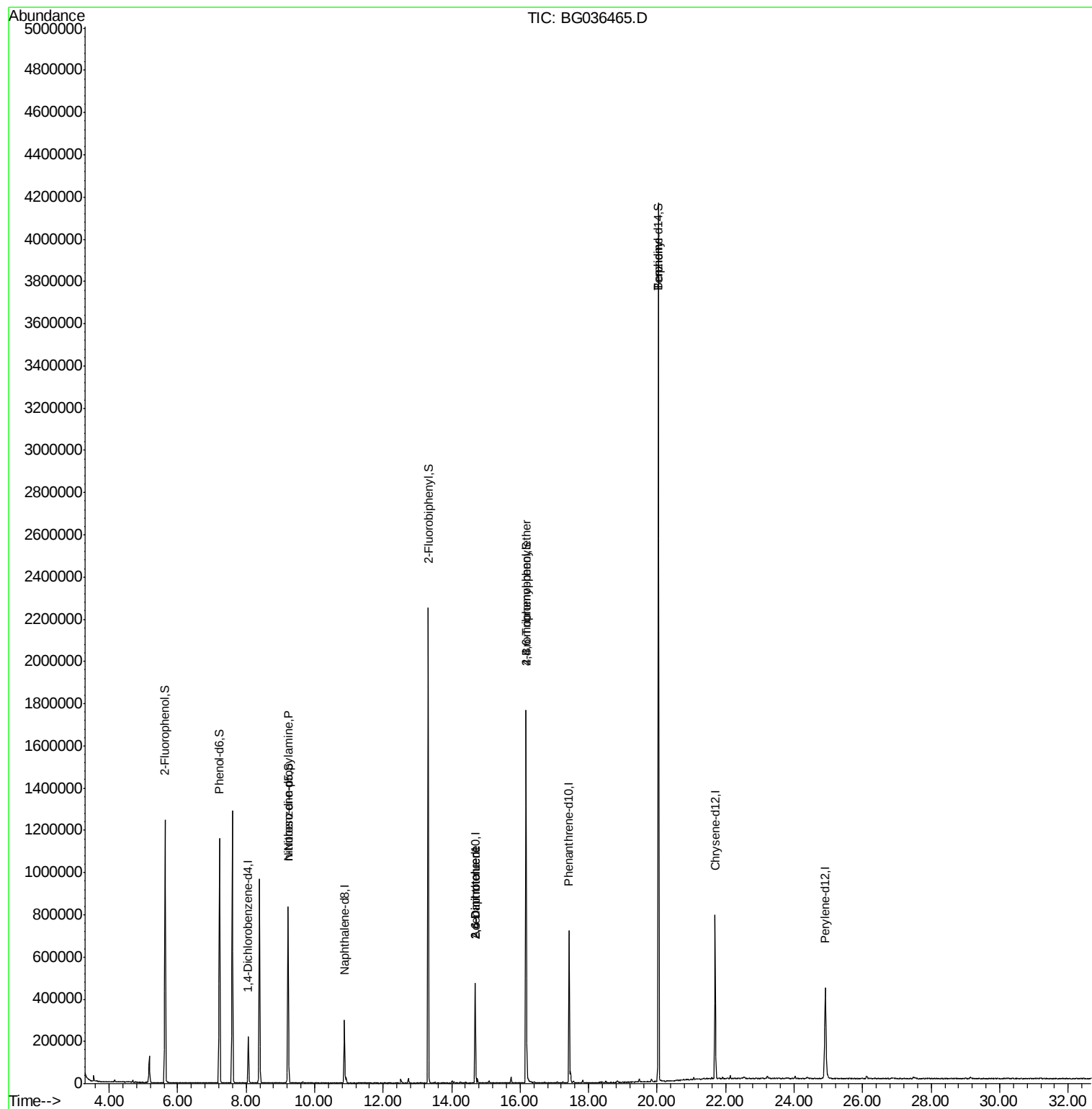
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	62224	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	252289	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	166117	20.00	ng	-0.02
63) Phenanthrene-d10	17.43	188	435502	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	472158	20.00	ng	-0.02
86) Perylene-d12	24.91	264	477494	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	518024	132.06	ng	0.00
7) Phenol-d6	7.22	99	656817	116.95	ng	0.00
23) Nitrobenzene-d5	9.23	82	499253	107.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	328819	165.89	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1131933	97.29	ng	-0.01
78) Terphenyl-d14	20.04	244	1953058	96.68	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	67637	16.114	ng	# 69
50) 2,6-Dinitrotoluene	14.69	165	20874	7.479	ng	# 21
56) 2,4-Dinitrotoluene	14.69	165	20874	5.738	ng	# 19
66) 4-Bromophenyl-phenylether	16.18	248	23680	4.644	ng	# 1
76) Benzidine	20.04	184	36863	2.447	ng	# 92

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG082818\
Data File : BG036465.D
Acq On : 28 Aug 2018 19:37
Operator : JU/SJ
Sample : J4274-06
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-082718

Quant Time: Aug 29 01:06:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration



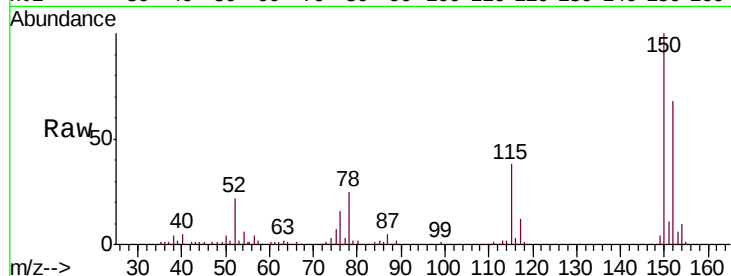


#1

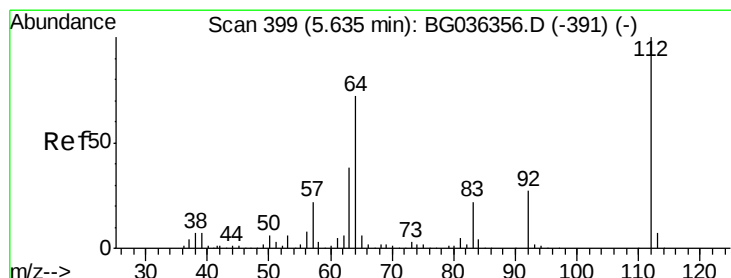
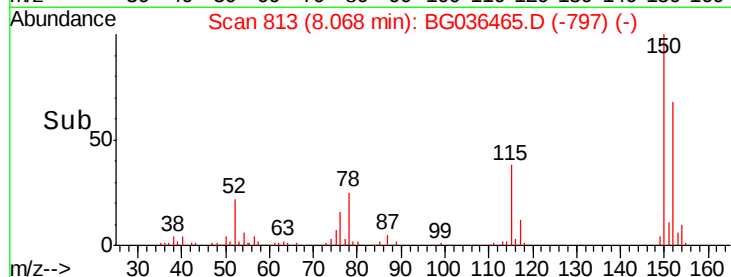
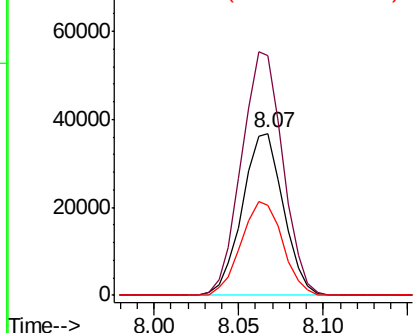
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG036465.D
Acq: 28 Aug 2018 19:37

Instrument :
BNA_G
ClientSampleId :
HD-01-082718

Tgt Ion:152 Resp: 62224
Ion Ratio Lower Upper
152 100
150 147.7 119.5 179.3
115 55.5 44.5 66.7



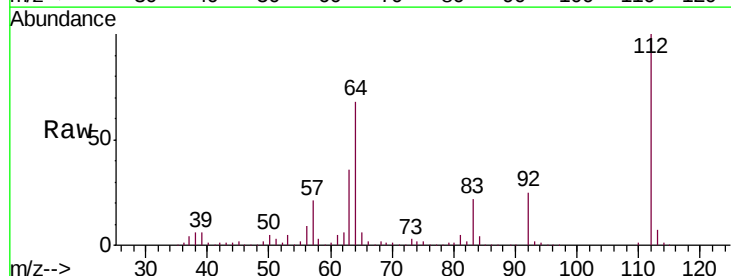
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



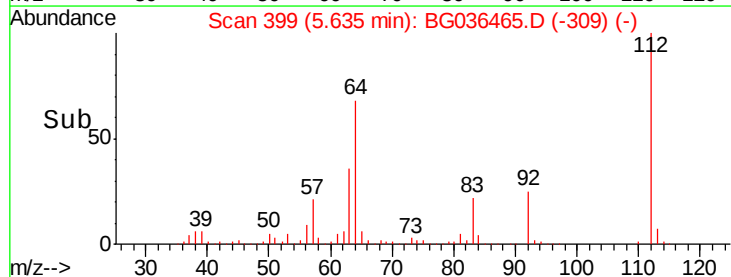
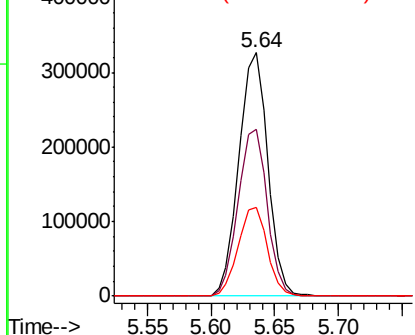
#5

2-Fluorophenol
Concen: 132.061 ng
RT: 5.64 min Scan# 399
Delta R.T. 0.00 min
Lab File: BG036465.D
Acq: 28 Aug 2018 19:37

Tgt Ion:112 Resp: 518024
Ion Ratio Lower Upper
112 100
64 68.4 57.2 85.8
63 36.3 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: 116.951 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036465.D

Acq: 28 Aug 2018 19:37

Instrument :

BNA_G

ClientSampleId :

HD-01-082718

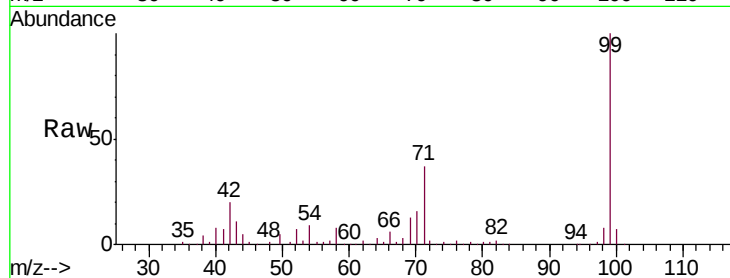
Tgt Ion: 99 Resp: 656817

Ion Ratio Lower Upper

99 100

42 19.9 16.5 24.7

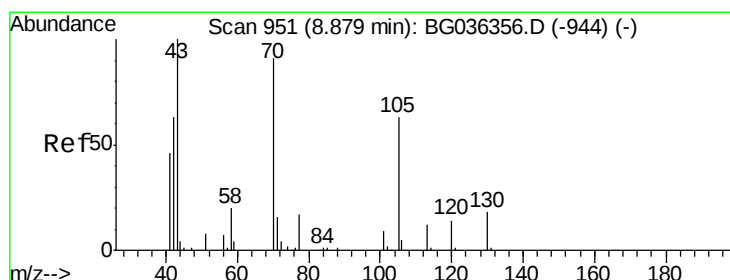
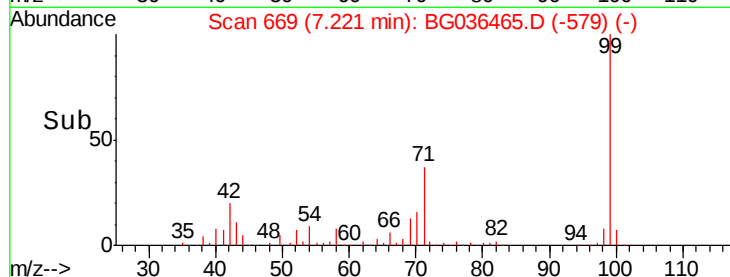
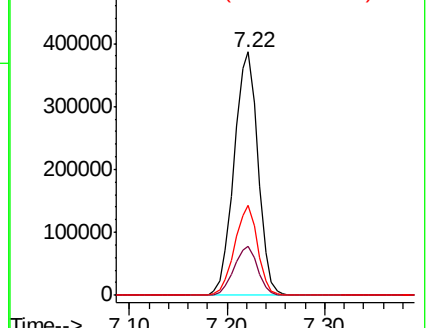
71 36.8 29.4 44.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 16.114 ng

RT: 9.23 min Scan# 1010

Delta R.T. 0.35 min

Lab File: BG036465.D

Acq: 28 Aug 2018 19:37

Tgt Ion: 70 Resp: 67637

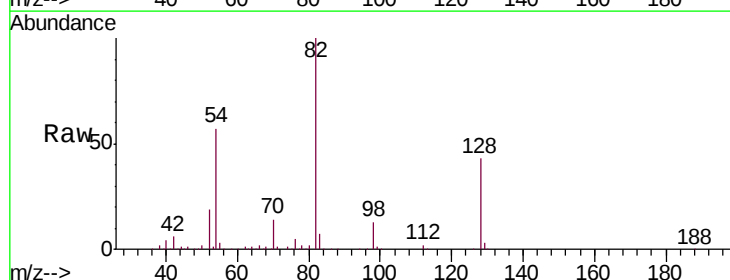
Ion Ratio Lower Upper

70 100

42 45.9 56.2 84.4#

101 0.0 7.8 11.6#

130 2.1 16.2 24.2#

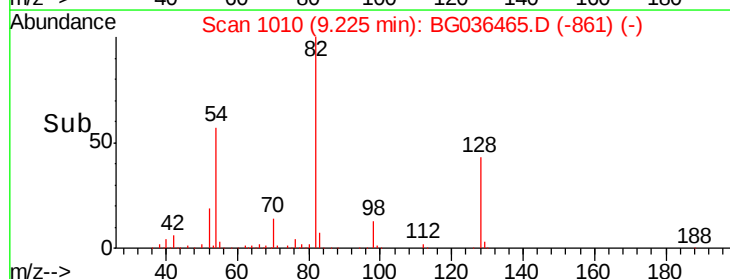
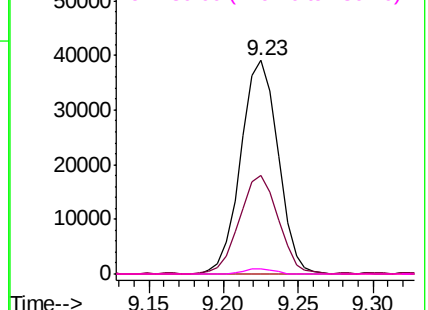


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

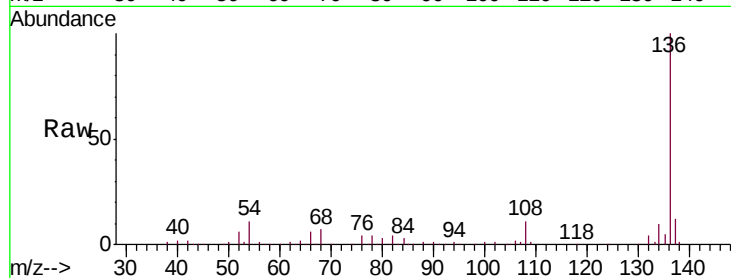




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BG036465.D
Acq: 28 Aug 2018 19:37

Instrument :
BNA_G
ClientSampleId :
HD-01-082718

Tgt Ion:	136	Resp:	252289
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.8	13.2
54	10.9	9.2	13.8
68	6.6	5.8	8.6



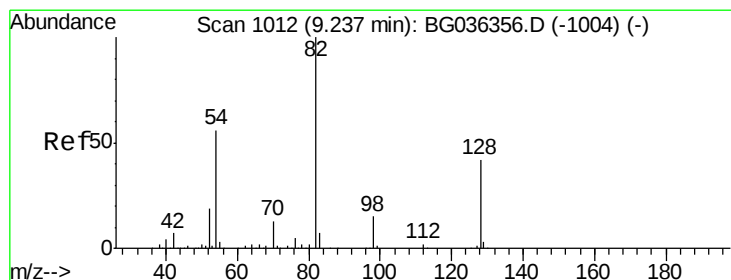
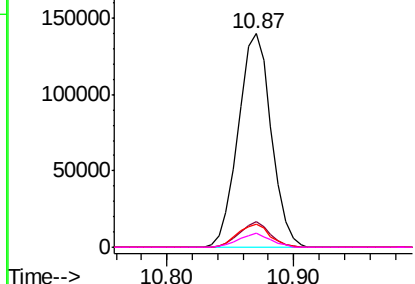
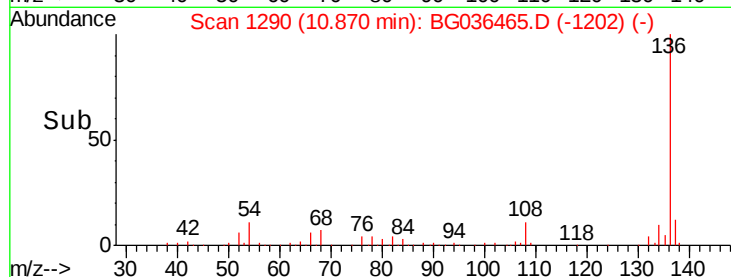
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

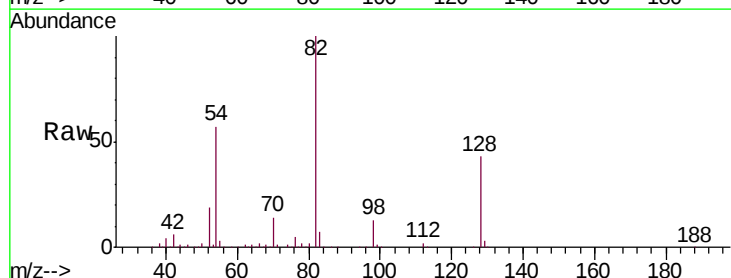
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 107.368 ng
RT: 9.23 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG036465.D
Acq: 28 Aug 2018 19:37

Tgt Ion:	82	Resp:	499253
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.3	49.9
54	56.8	45.1	67.7

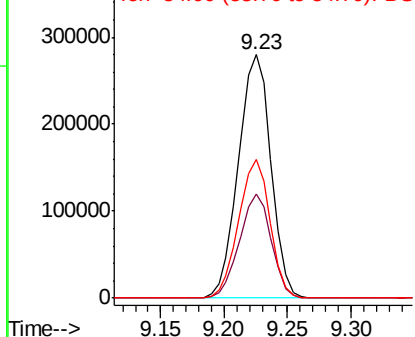
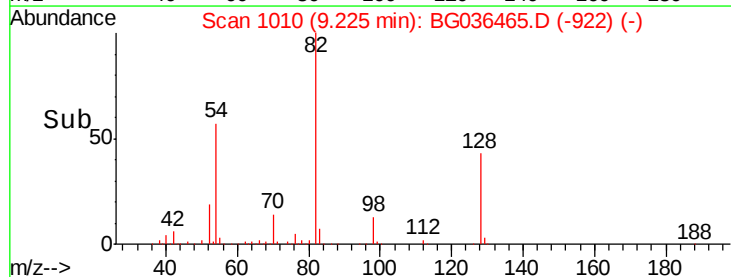


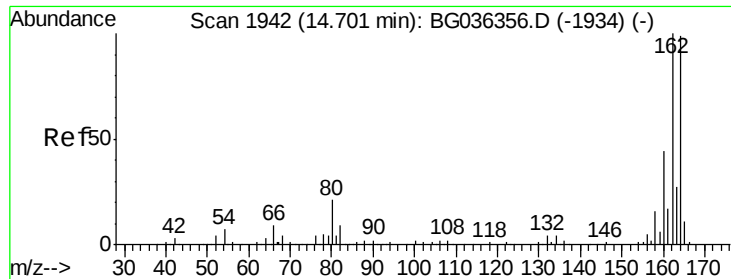
Abundance

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: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG036465.D

Acq: 28 Aug 2018 19:37

Instrument :

BNA_G

ClientSampleId :

HD-01-082718

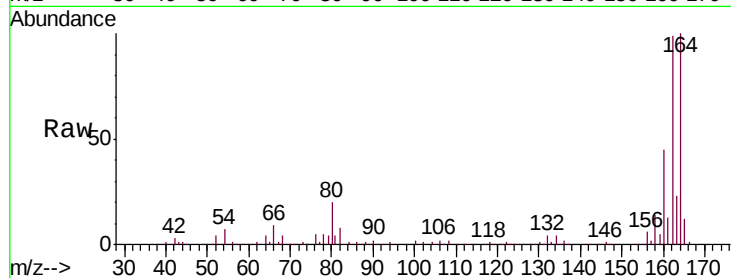
Tgt Ion:164 Resp: 166117

Ion Ratio Lower Upper

164 100

162 98.6 80.7 121.1

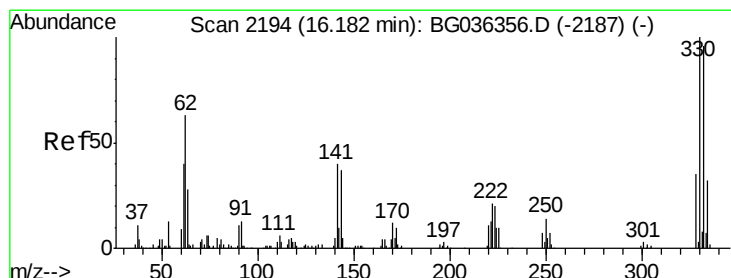
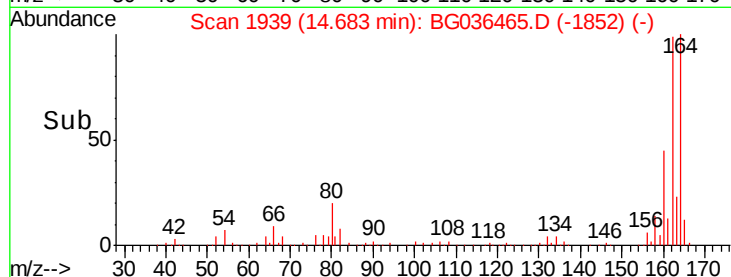
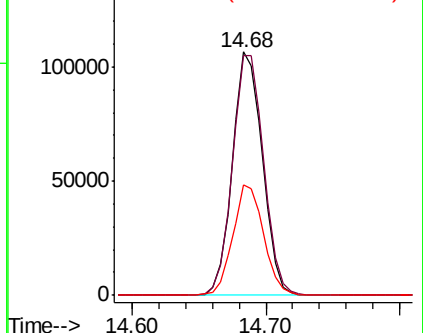
160 45.4 35.3 52.9



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: 165.890 ng

RT: 16.18 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG036465.D

Acq: 28 Aug 2018 19:37

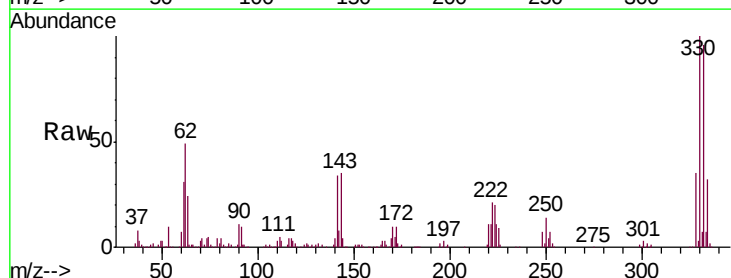
Tgt Ion:330 Resp: 328819

Ion Ratio Lower Upper

330 100

332 96.1 75.4 113.2

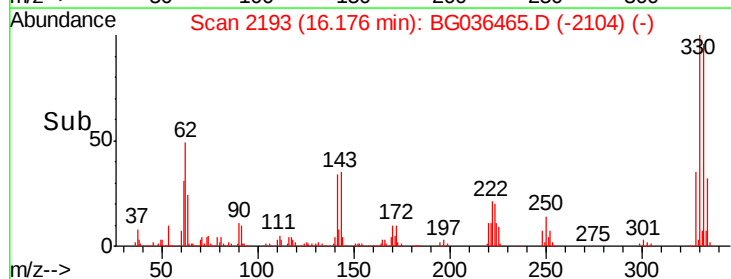
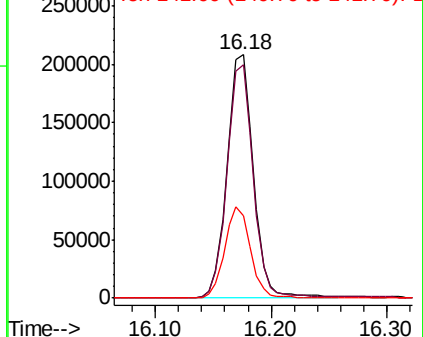
141 36.6 30.7 46.1



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

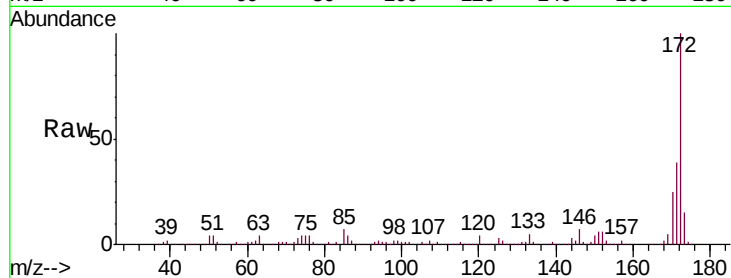




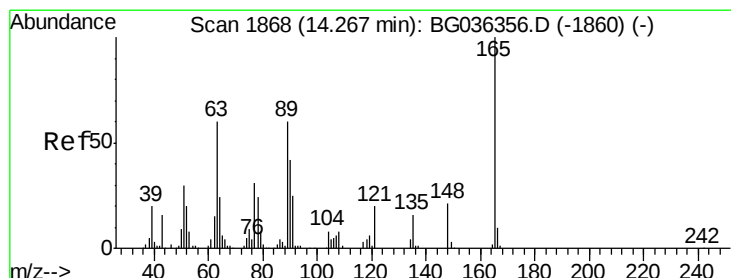
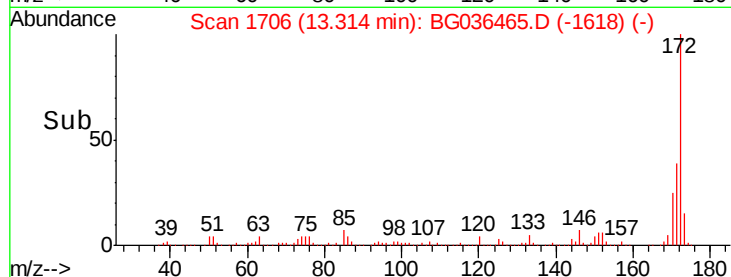
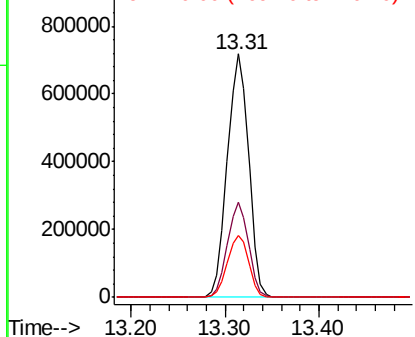
#44
 2-Fluorobiphenyl
 Concen: 97.293 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-082718

Tgt Ion:172 Resp: 1131933
 Ion Ratio Lower Upper
 172 100
 171 39.1 31.3 46.9
 170 25.4 21.0 31.6

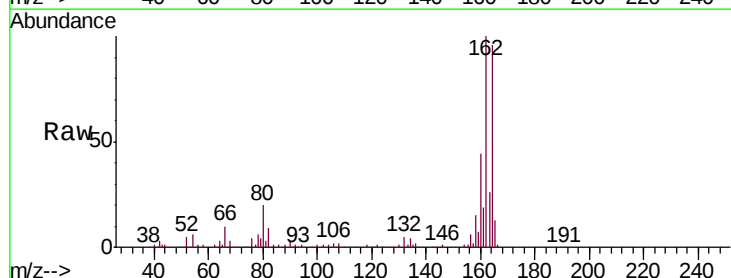


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

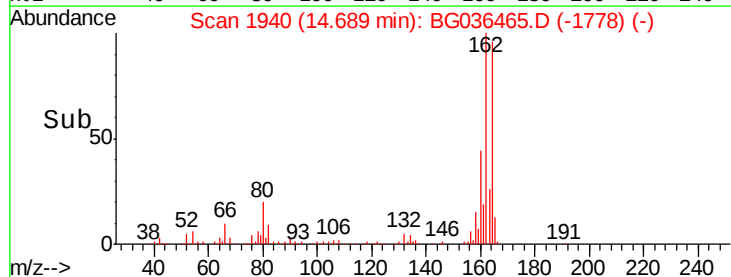
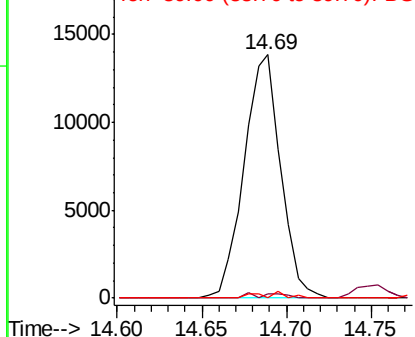


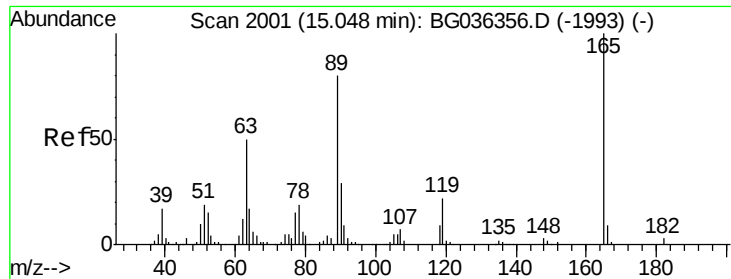
#50
 2,6-Dinitrotoluene
 Concen: 7.479 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. 0.42 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Tgt Ion:165 Resp: 20874
 Ion Ratio Lower Upper
 165 100
 63 1.9 50.1 75.1#
 89 0.0 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

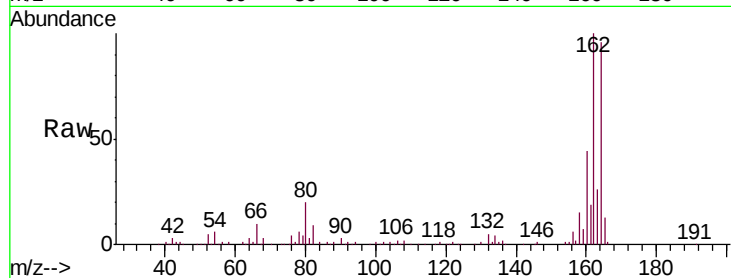




#56
 2,4-Dinitrotoluene
 Concen: 5.738 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.36 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-082718

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



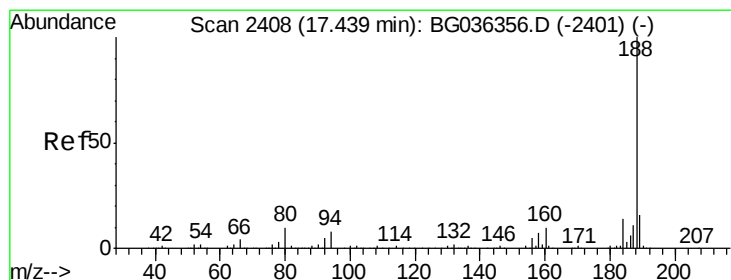
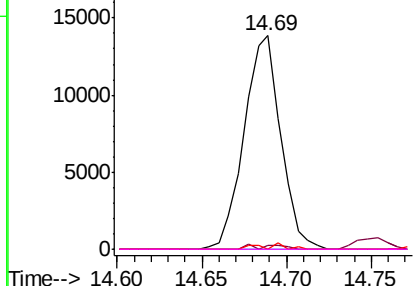
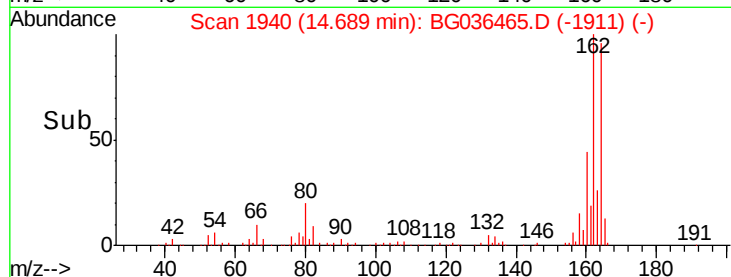
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

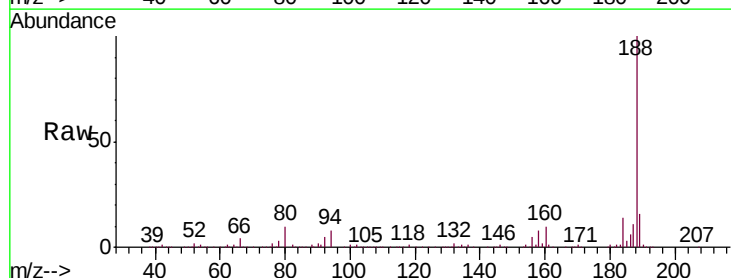
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.6	8.1	12.1

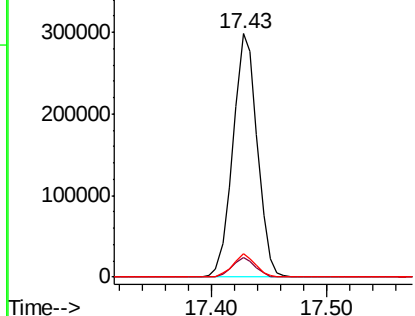
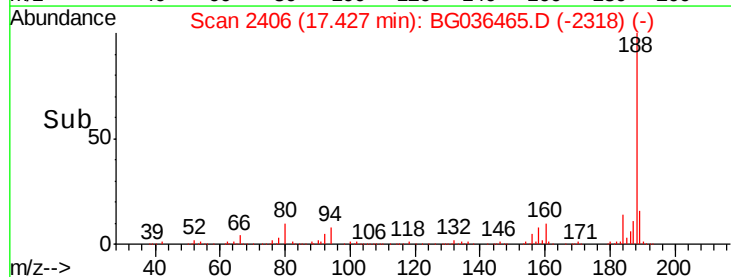


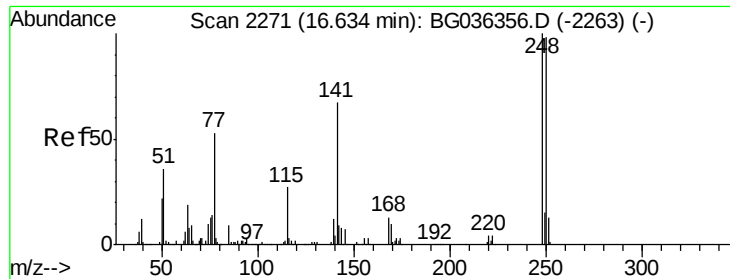
Abundance

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

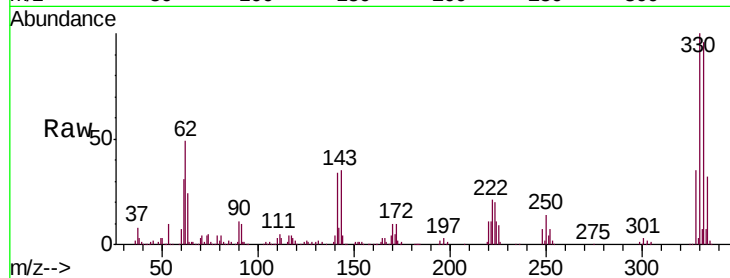




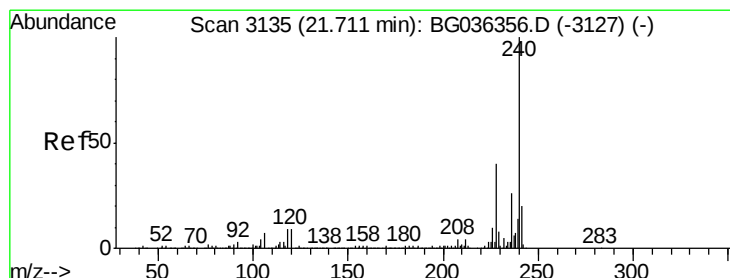
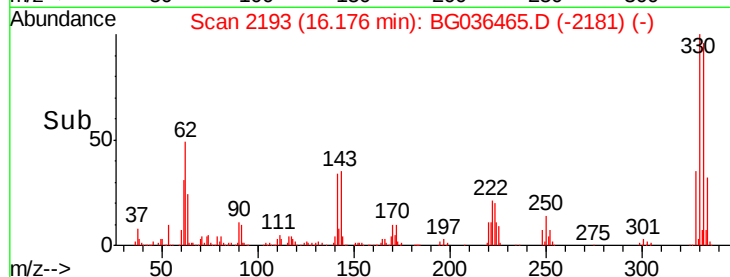
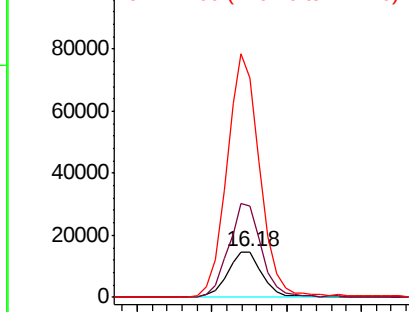
#66
 4-Bromophenyl-phenylether
 Concen: 4.644 ng
 RT: 16.18 min Scan# 2193
 Delta R.T. -0.46 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-01-082718

Tgt Ion:248 Resp: 23680
 Ion Ratio Lower Upper
 248 100
 250 201.4 78.1 117.1#
 141 483.4 53.7 80.5#

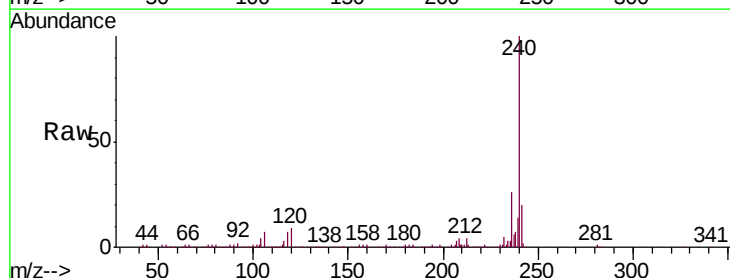


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

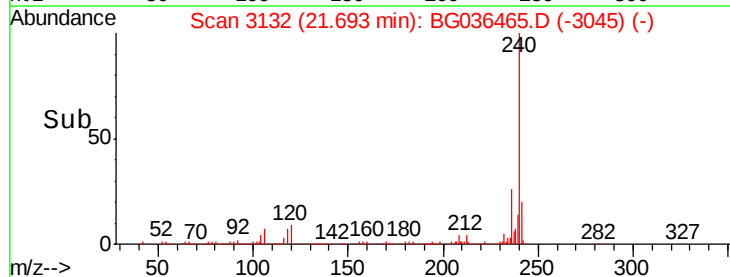
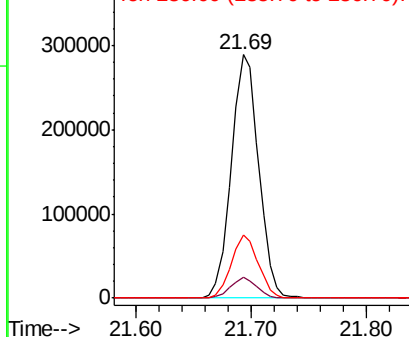


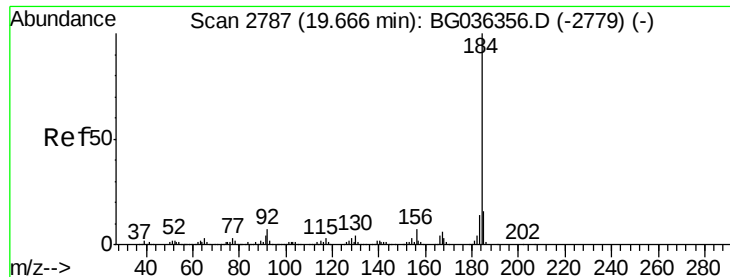
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3132
 Delta R.T. -0.02 min
 Lab File: BG036465.D
 Acq: 28 Aug 2018 19:37

Tgt Ion:240 Resp: 472158
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 26.0 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





#76

Benzidine

Concen: 2.447 ng

RT: 20.04 min Scan# 2850

Delta R.T. 0.37 min

Lab File: BG036465.D

Acq: 28 Aug 2018 19:37

Instrument :

BNA_G

ClientSampleId :

HD-01-082718

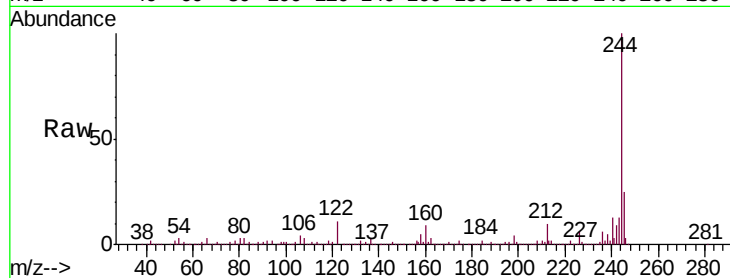
Tgt Ion:184 Resp: 36863

Ion Ratio Lower Upper

184 100

185 15.8 12.6 18.8

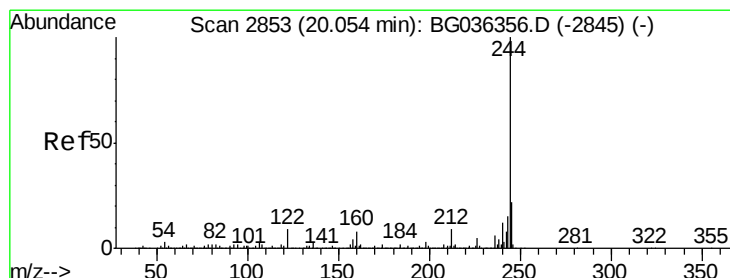
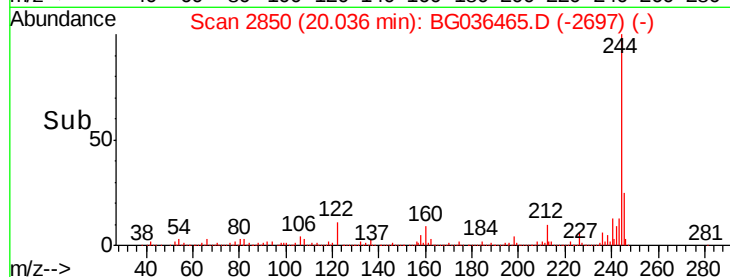
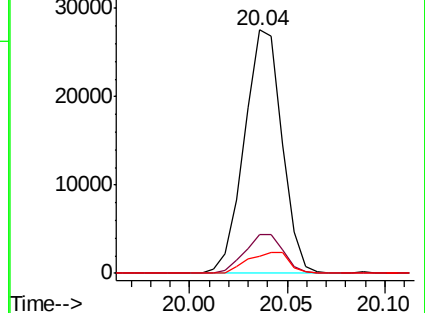
183 7.1 10.9 16.3#



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: 96.683 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036465.D

Acq: 28 Aug 2018 19:37

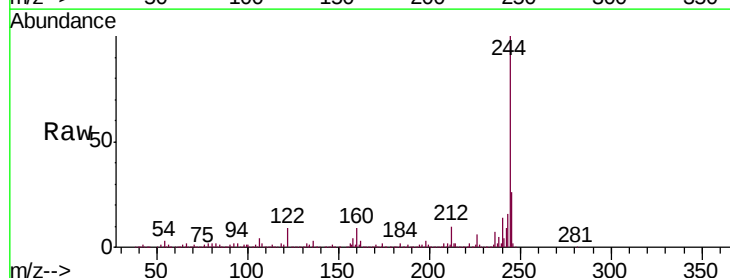
Tgt Ion:244 Resp: 1953058

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.6

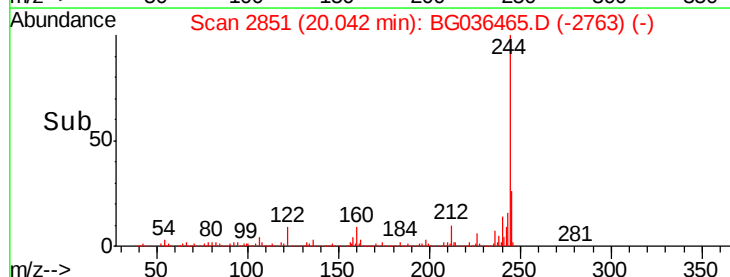
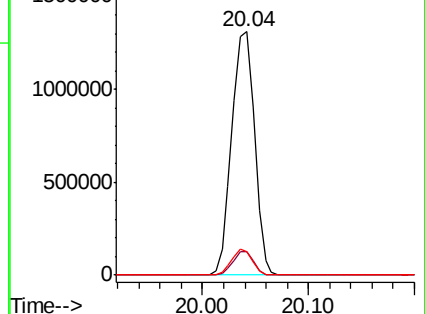
122 9.4 7.1 10.7

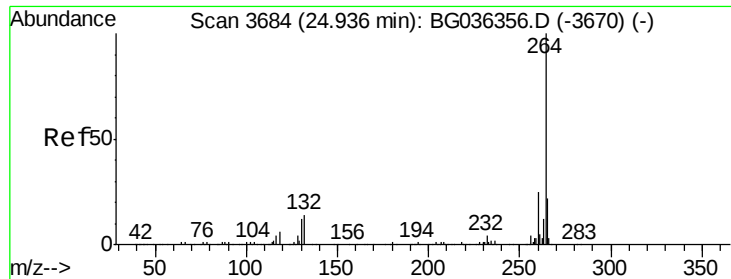


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3680
Delta R.T. -0.02 min
Lab File: BG036465.D
Acq: 28 Aug 2018 19:37

Instrument :
BNA_G
ClientSampleId :
HD-01-082718

Tgt Ion: 264 Resp: 477494
Ion Ratio Lower Upper
264 100
260 23.6 19.6 29.4
265 21.4 17.4 26.0

