

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036664.D
 Acq On : 11 Sep 2018 20:07
 Operator : JU/SJ
 Sample : J4841-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:04:20 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

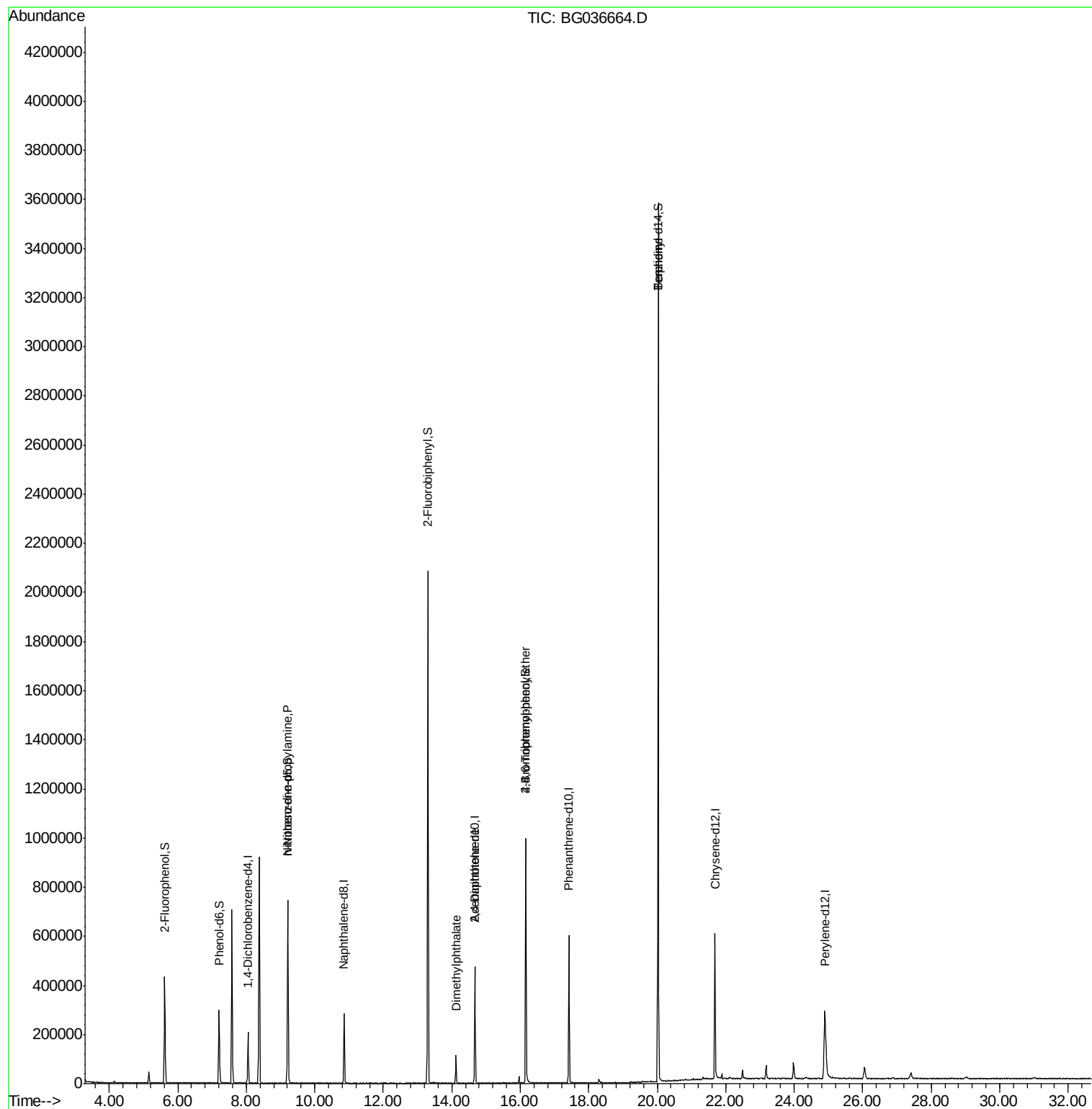
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56459	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	238620	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	156830	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	380980	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	392336	20.00	ng	-0.01
86) Perylene-d12	24.89	264	354791	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	180586	50.74	ng	0.00
7) Phenol-d6	7.21	99	173167	33.98	ng	-0.01
23) Nitrobenzene-d5	9.22	82	466656	106.11	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	188478	100.72	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	1077141	98.07	ng	-0.01
78) Terphenyl-d14	20.03	244	1643647	97.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	62095	16.305	ng	# 71
49) Dimethylphthalate	14.12	163	75459	5.892	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	20696	6.026	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	13032	2.922	ng	# 1
76) Benzidine	20.03	184	28570	2.282	ng	# 92

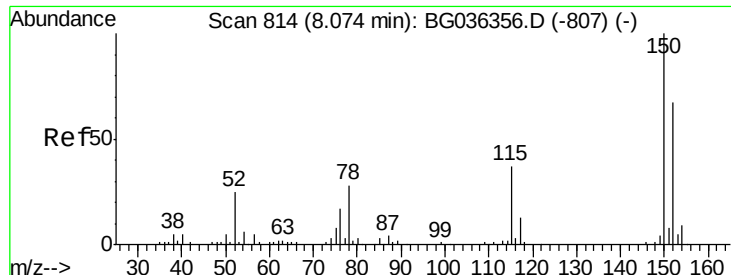
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration



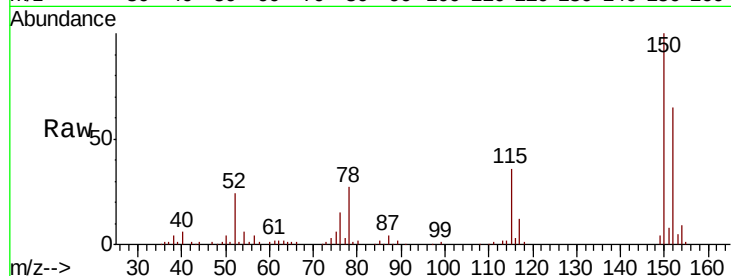


#1

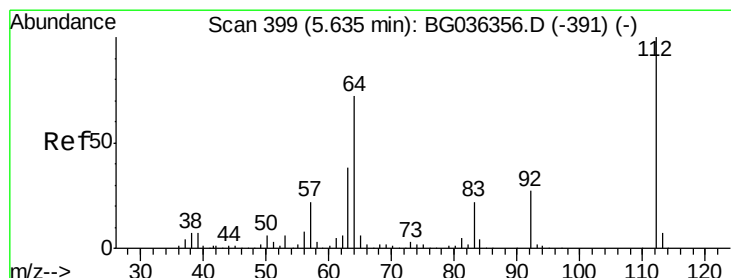
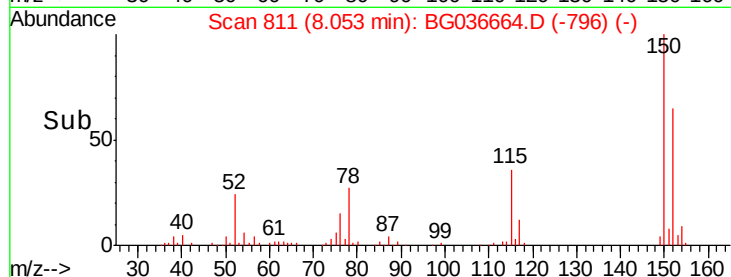
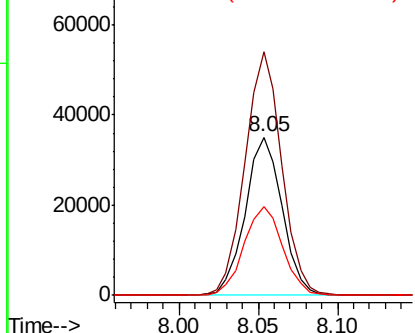
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56459
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 55.9 44.5 66.7



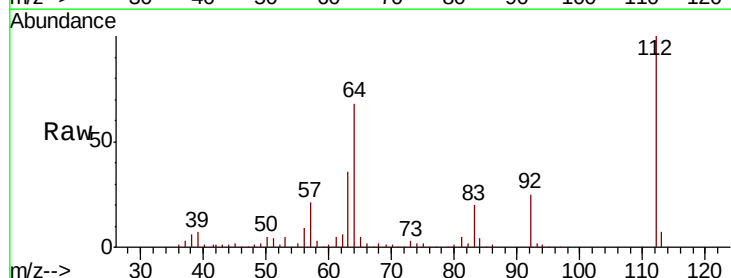
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



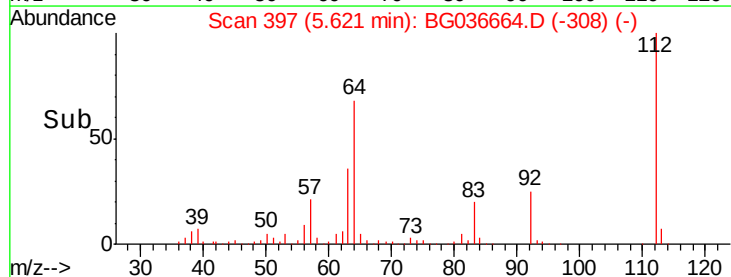
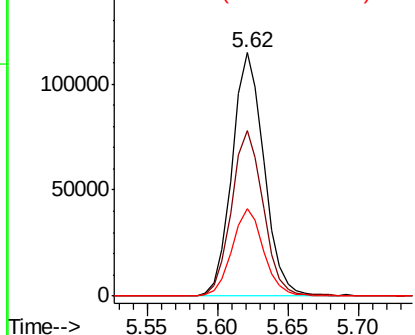
#5

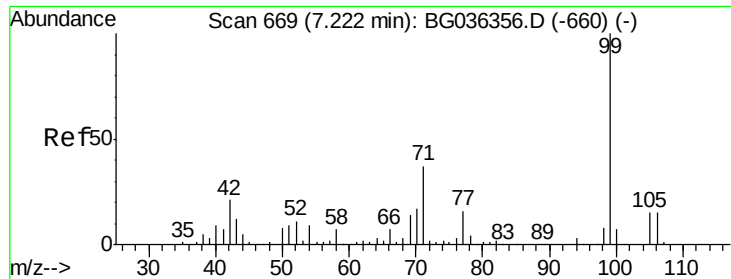
2-Fluorophenol
Concen: 50.738 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Tgt Ion:112 Resp: 180586
Ion Ratio Lower Upper
112 100
64 68.0 57.2 85.8
63 35.7 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: 33.982 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

Instrument :

BNA_G

ClientSampled :

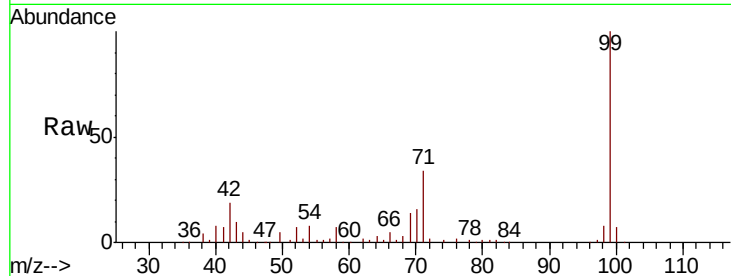
Tot Ion: 99 Resp: 173167

Ion Ratio Lower Upper

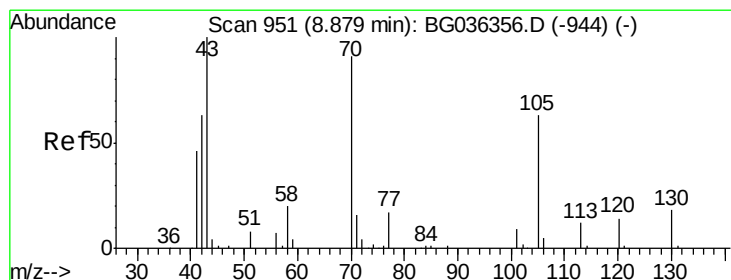
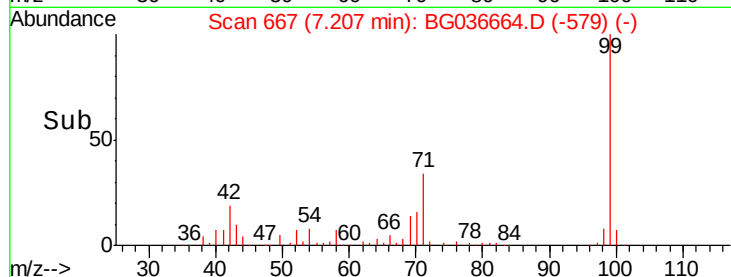
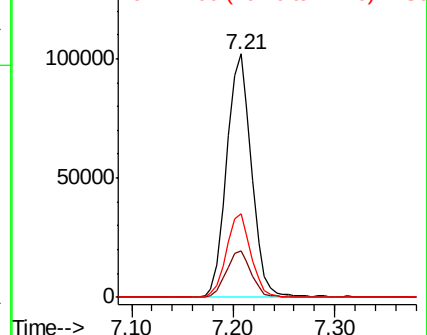
99 100

42 19.0 16.5 24.7

71 34.4 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: 16.305 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

Tgt Ion: 70 Resp: 62095

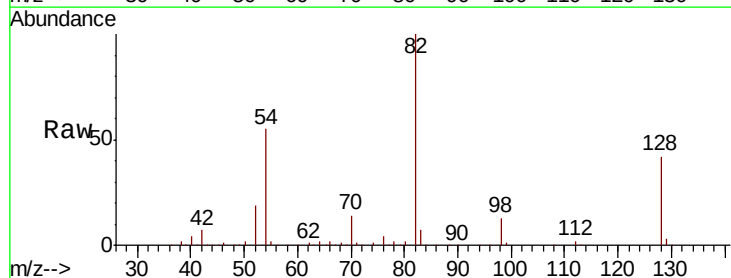
Ion Ratio Lower Upper

70 100

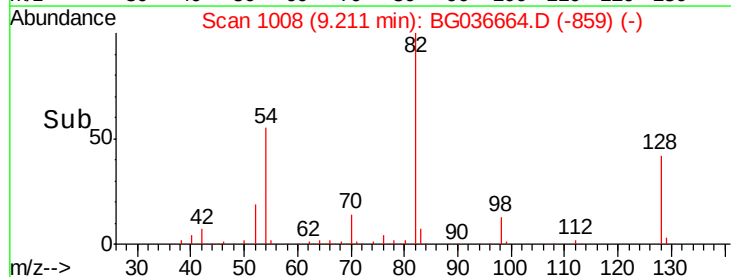
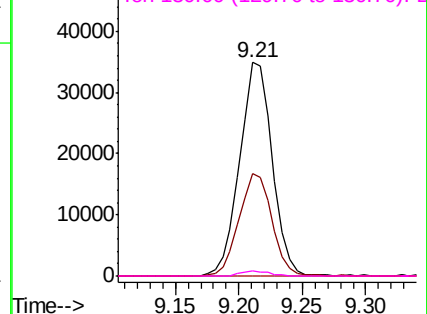
42 47.9 56.2 84.4#

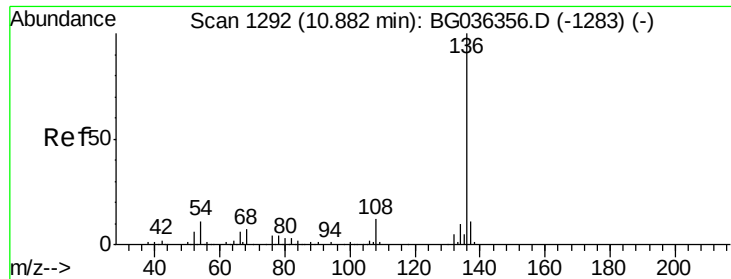
101 0.0 7.8 11.6#

130 2.2 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

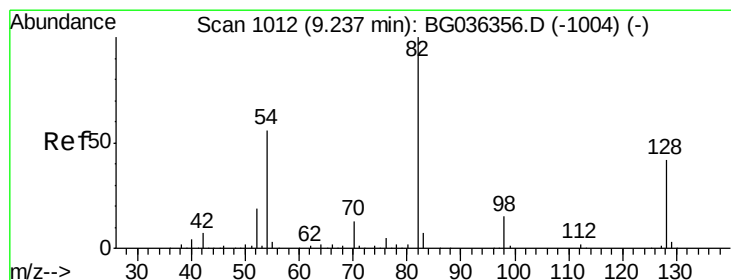
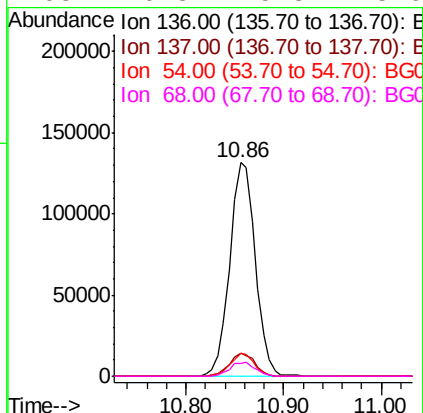
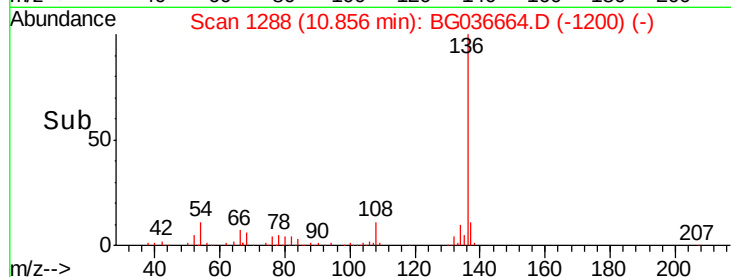
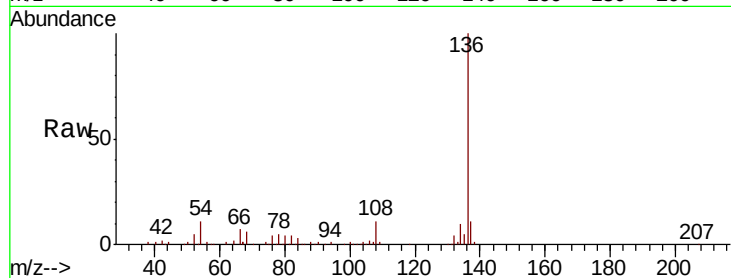




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

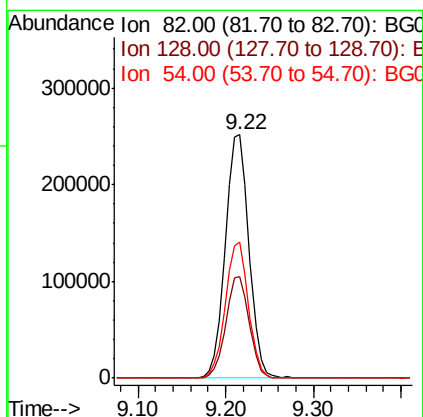
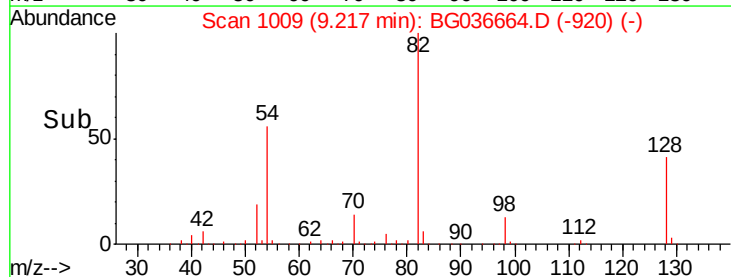
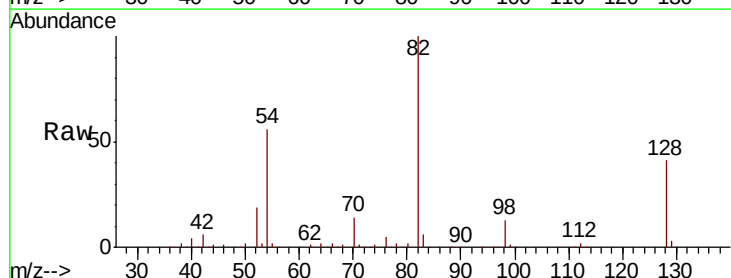
Instrument :
BNA_G
ClientSampleId :

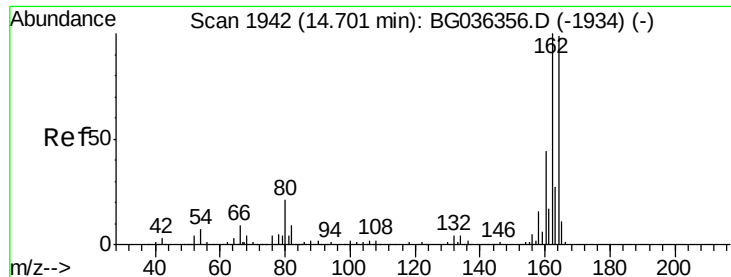
Tot Ion:136	Resp:	238620
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	10.6	9.2 13.8
68	6.3	5.8 8.6



#23
Nitrobenzene-d5
Concen: 106.107 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Tgt Ion: 82	Resp:	466656
Ion	Ratio	Lower Upper
82	100	
128	41.5	33.3 49.9
54	55.8	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

Instrument :

BNA_G

ClientSampleId :

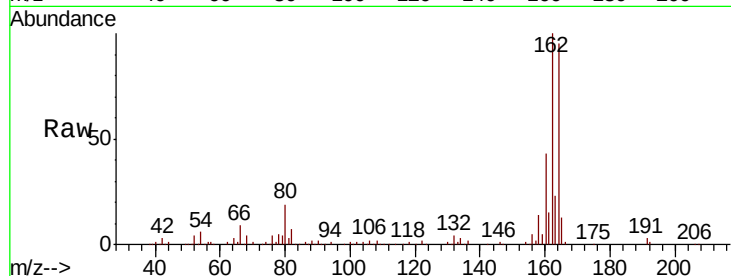
Tot Ion:164 Resp: 156830

Ion Ratio Lower Upper

164 100

162 105.4 80.7 121.1

160 45.7 35.3 52.9

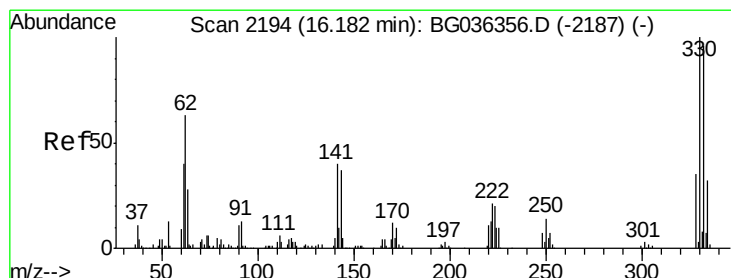
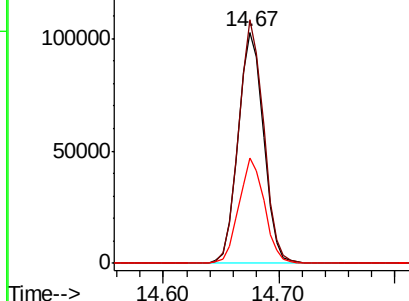
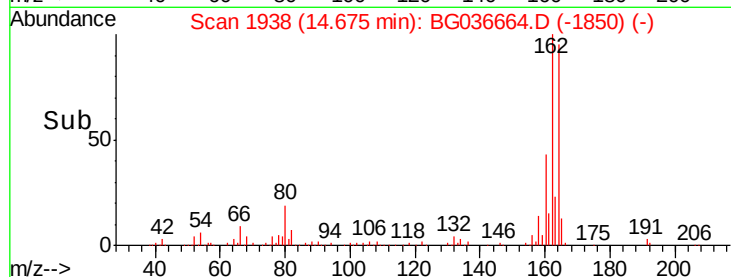


Abundance

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: 100.719 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

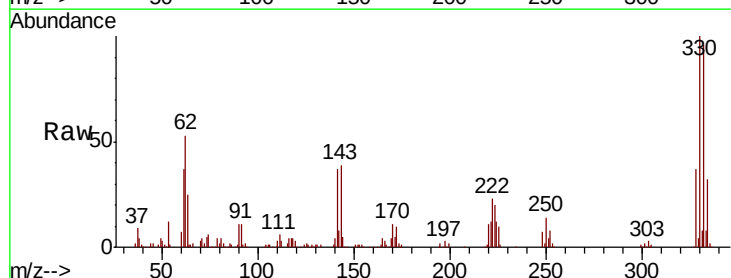
Tgt Ion:330 Resp: 188478

Ion Ratio Lower Upper

330 100

332 95.2 75.4 113.2

141 36.1 30.7 46.1

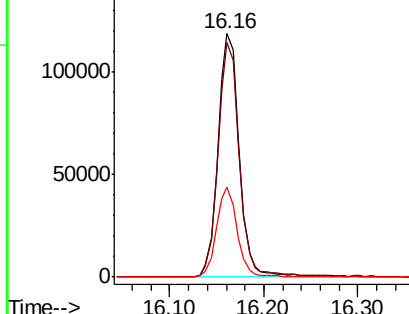
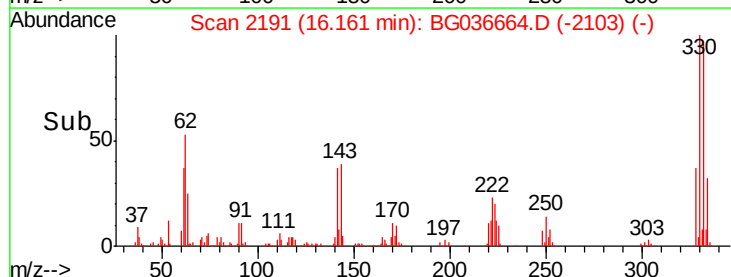


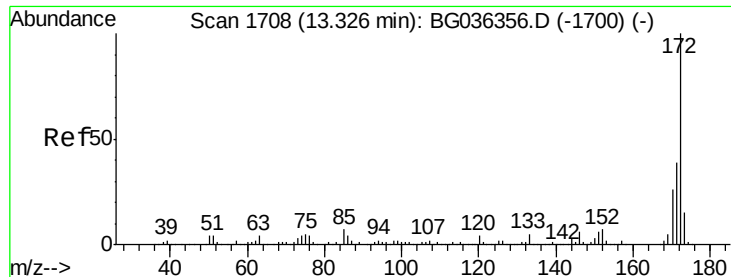
Abundance

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

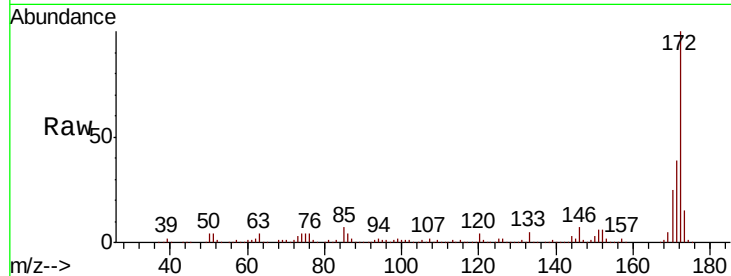




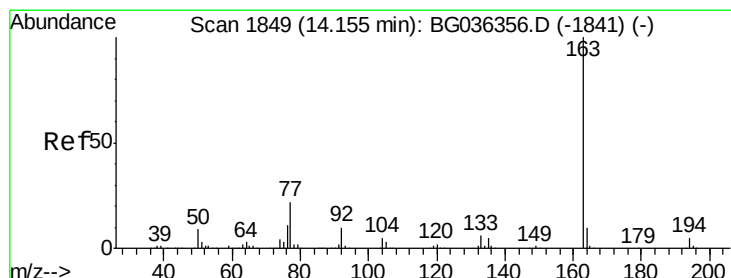
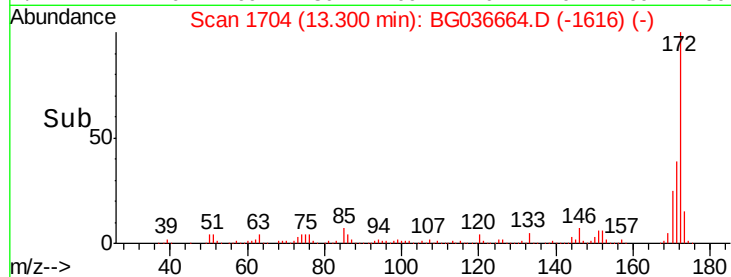
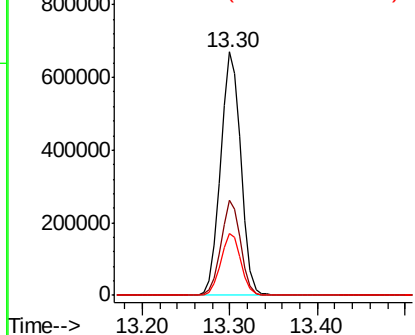
#44
2-Fluorobiphenyl
Concen: 98.066 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1077141
Ion Ratio Lower Upper
172 100
171 38.9 31.3 46.9
170 25.2 21.0 31.6

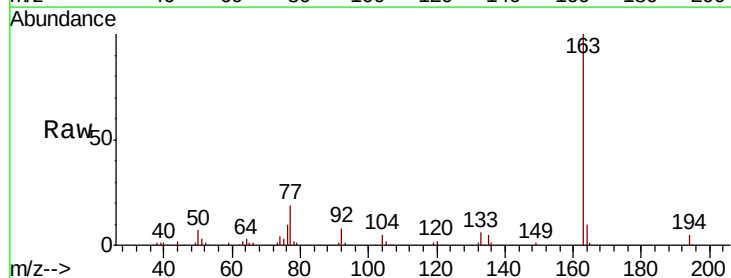


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

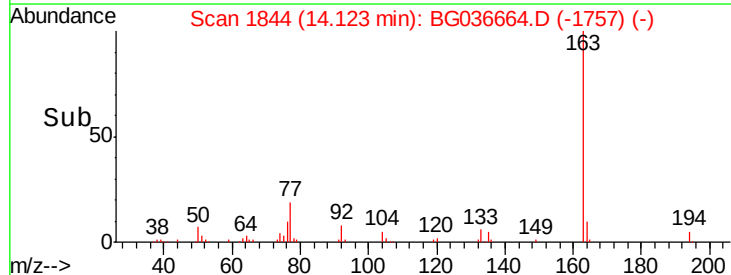
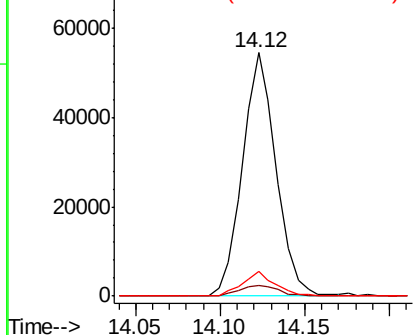


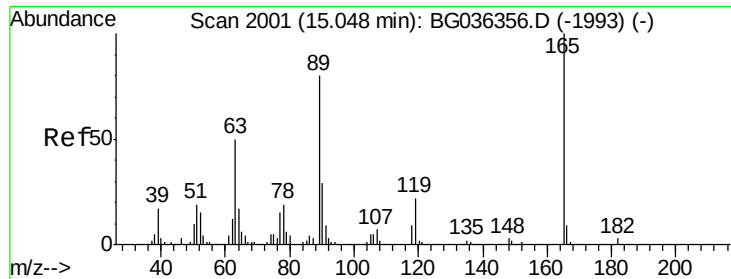
#49
Dimethylphthalate
Concen: 5.892 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Tgt Ion:163 Resp: 75459
Ion Ratio Lower Upper
163 100
194 4.5 4.0 6.0
164 10.2 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

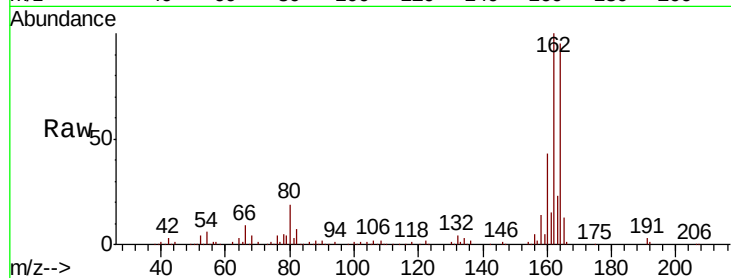




#56
 2,4-Dinitrotoluene
 Concen: 6.026 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036664.D
 Acq: 11 Sep 2018 20:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.7	63.7	95.5#
182	0.0	2.5	3.7#

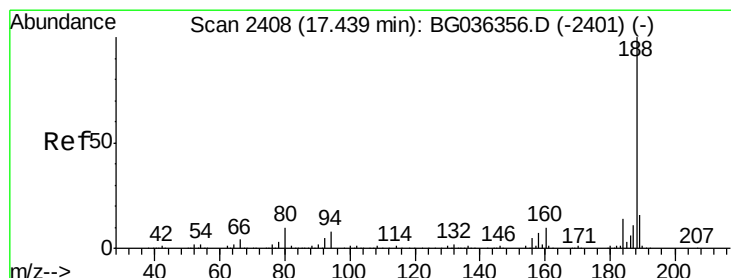
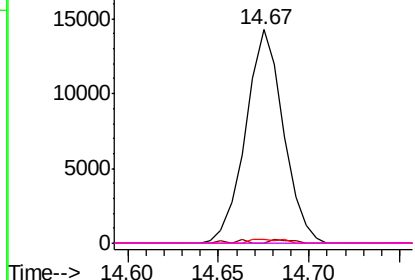
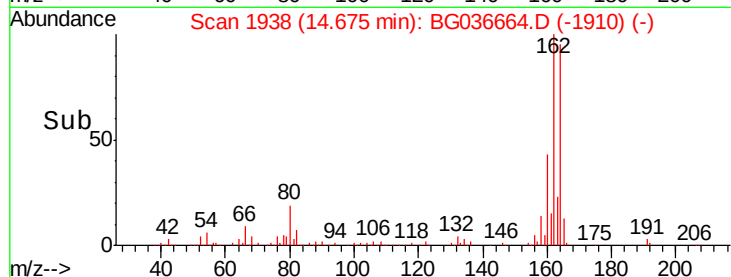


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

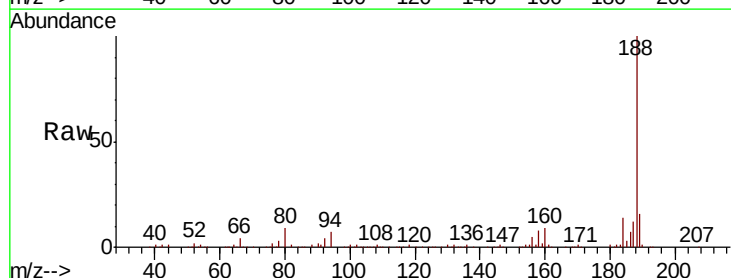
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036664.D
 Acq: 11 Sep 2018 20:07

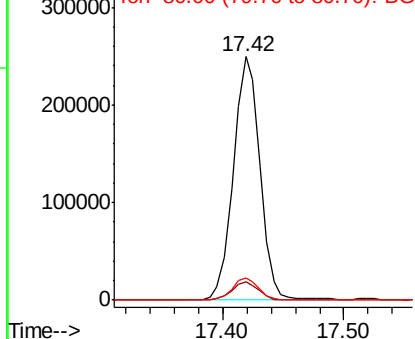
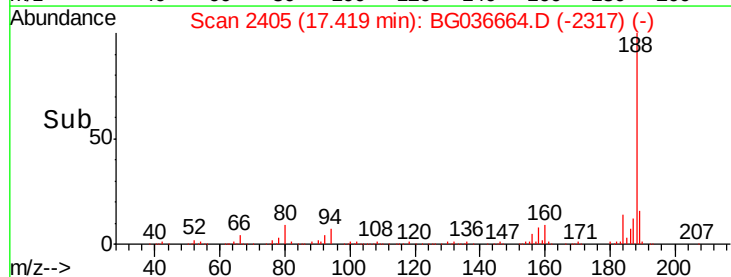
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.0	8.1	12.1

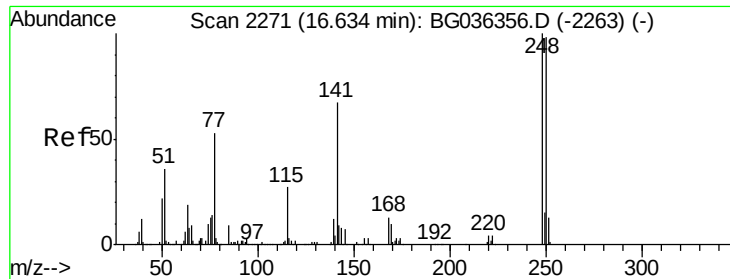


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

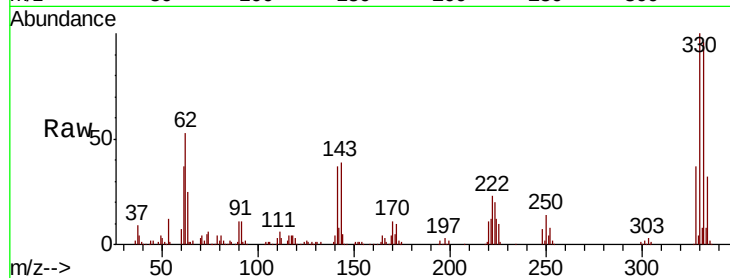




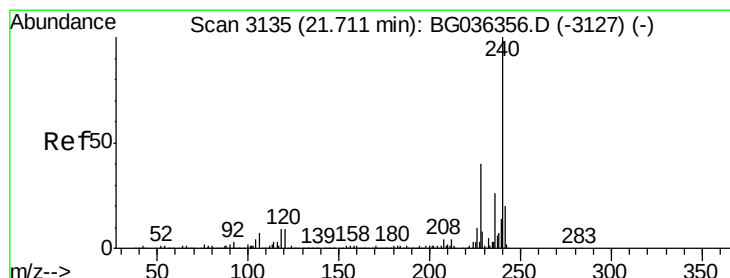
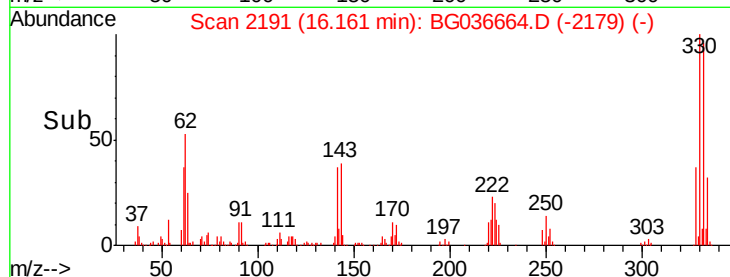
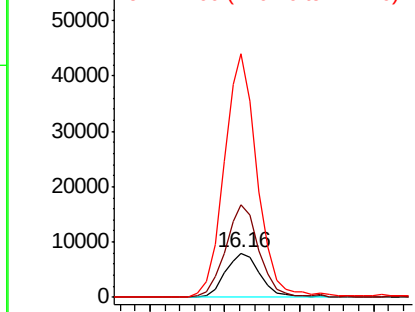
#66
4-Bromophenyl-phenylether
Concen: 2.922 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 13032
Ion Ratio Lower Upper
248 100
250 209.7 78.1 117.1#
141 547.9 53.7 80.5#

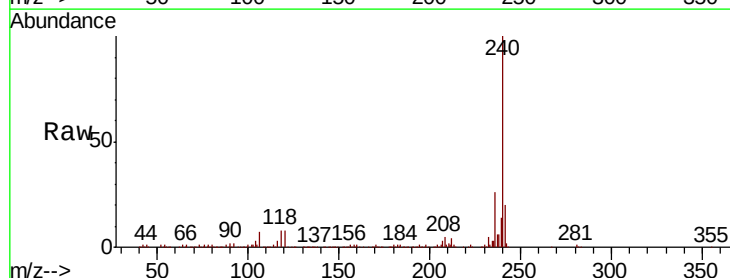


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

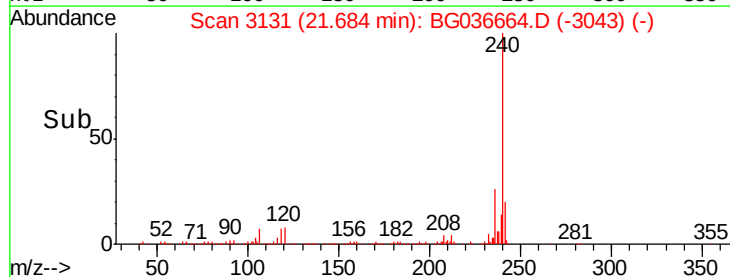
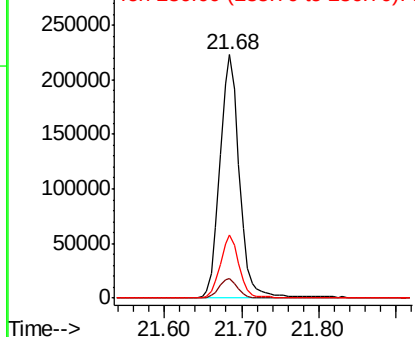


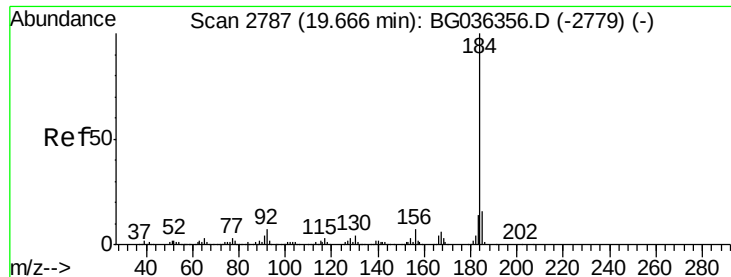
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Tgt Ion:240 Resp: 392336
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 25.9 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





#76

Benzidine

Concen: 2.282 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

Instrument :

BNA_G

ClientSampleId :

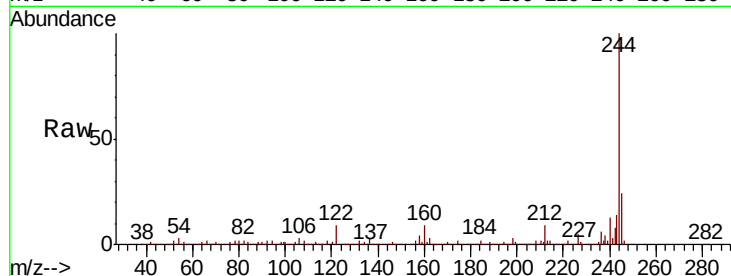
Tot Ion:184 Resp: 28570

Ion Ratio Lower Upper

184 100

185 15.4 12.6 18.8

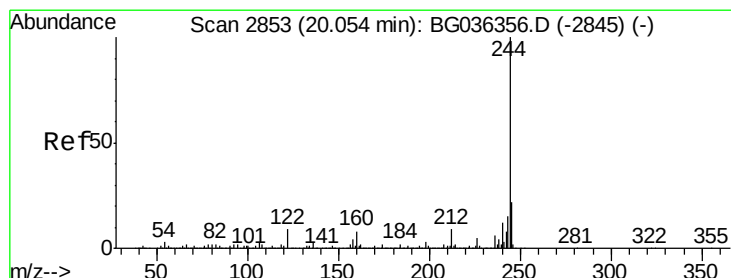
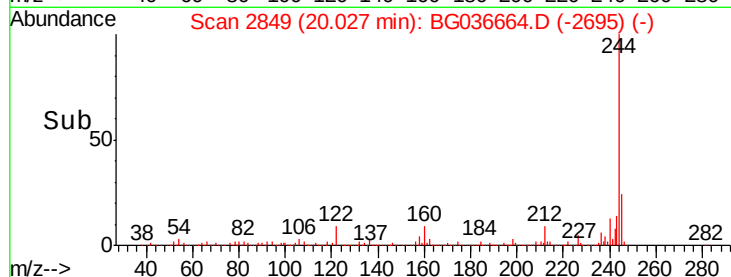
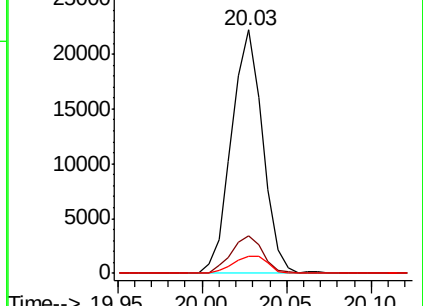
183 7.1 10.9 16.3#



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: 97.920 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036664.D

Acq: 11 Sep 2018 20:07

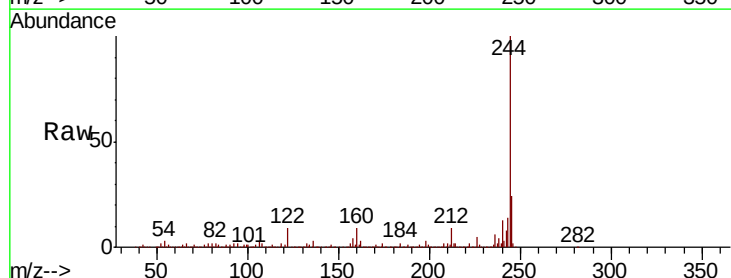
Tgt Ion:244 Resp: 1643647

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

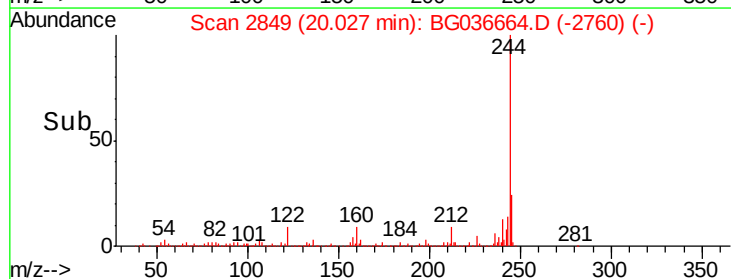
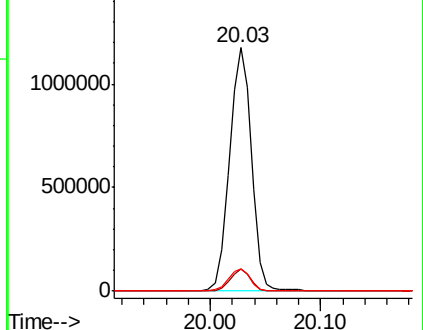
122 9.2 7.1 10.7

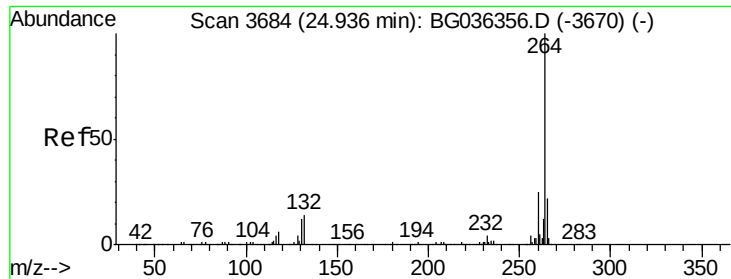


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3677
Delta R.T. -0.01 min
Lab File: BG036664.D
Acq: 11 Sep 2018 20:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.2	17.4	26.0

