

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
 Data File : BG036568.D
 Acq On : 5 Sep 2018 19:56
 Operator : JU/SJ
 Sample : TESTBL-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 06 02:45:07 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

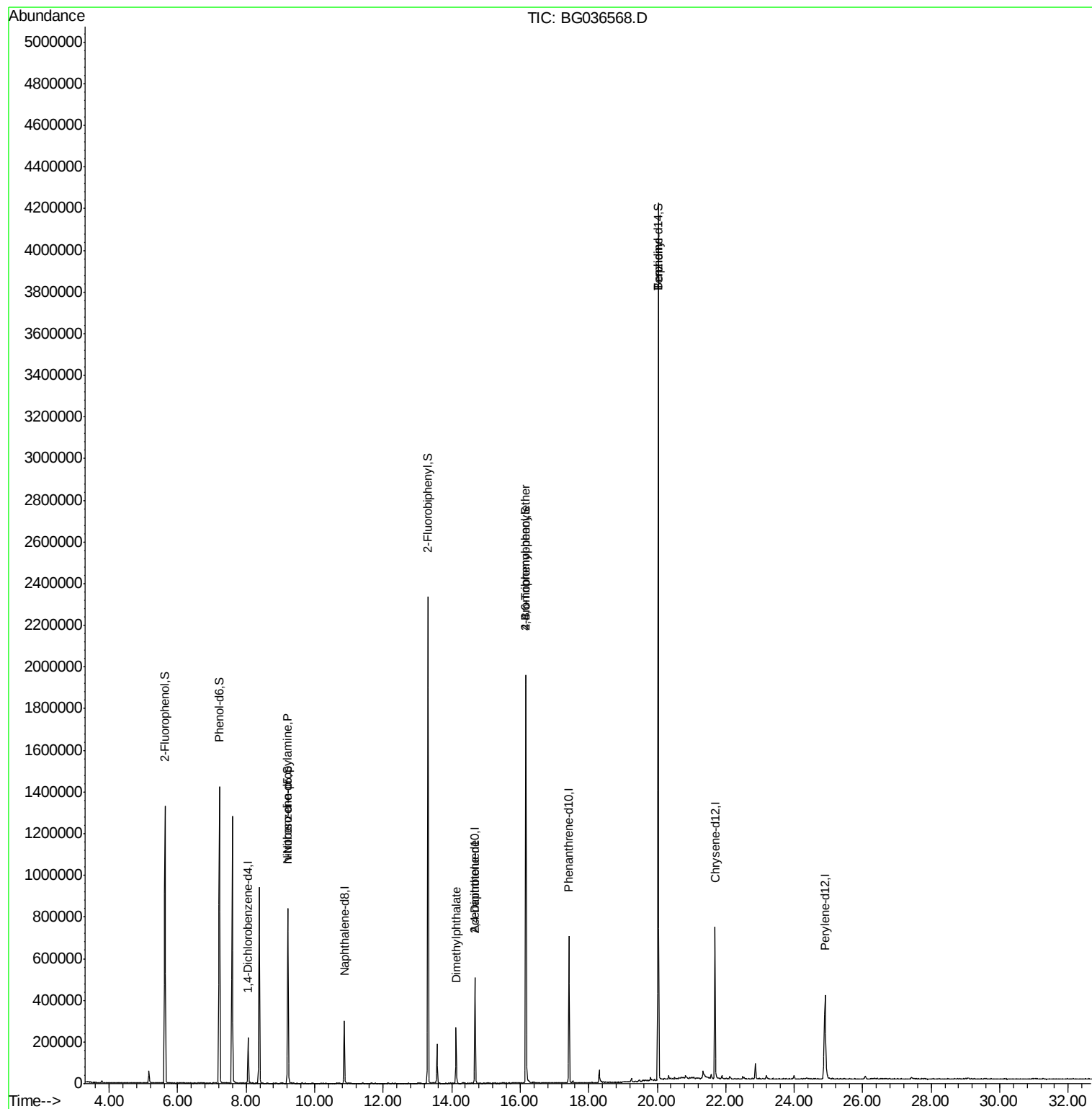
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61617	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	261237	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	177640	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	451649	20.00	ng	0.00
75) Chrysene-d12	21.69	240	462384	20.00	ng	0.00
86) Perylene-d12	24.89	264	471287	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	566913	145.95	ng	0.00
7) Phenol-d6	7.21	99	810454	145.73	ng	0.00
23) Nitrobenzene-d5	9.22	82	501278	104.11	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	369338	174.25	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1201249	96.55	ng	0.00
78) Terphenyl-d14	20.03	244	1904640	96.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	67604	16.265	ng	Qvalue # 71
49) Dimethylphthalate	14.13	163	178365	12.297	ng	100
56) 2,4-Dinitrotoluene	14.68	165	22091	5.679	ng	# 19
66) 4-Bromophenyl-phenylether	16.17	248	25517	4.826	ng	# 1
76) Benzidine	20.03	184	34568	2.343	ng	# 94

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

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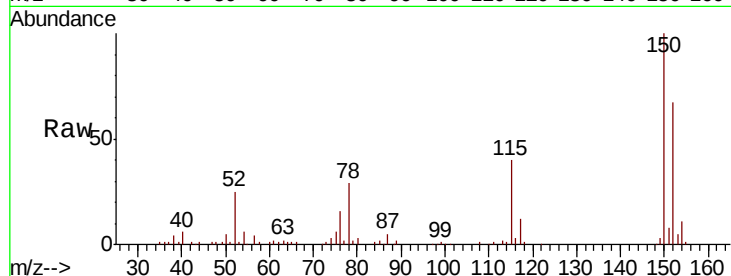


#1

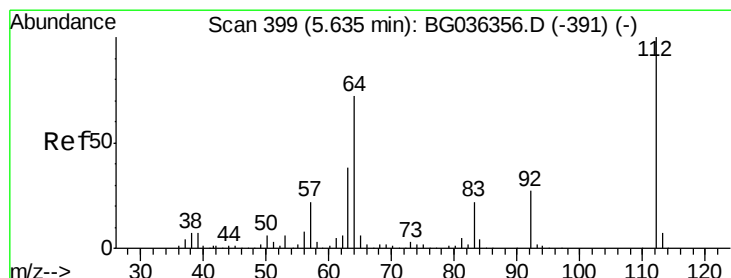
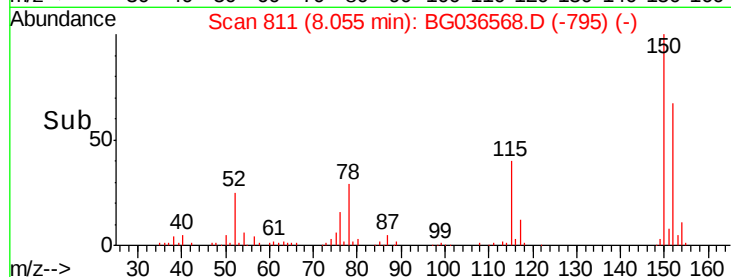
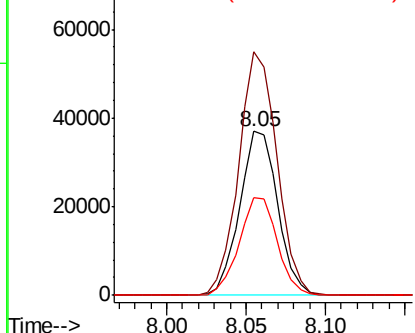
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036568.D
 Acq: 5 Sep 2018 19:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.4	119.5	179.3
115	59.9	44.5	66.7



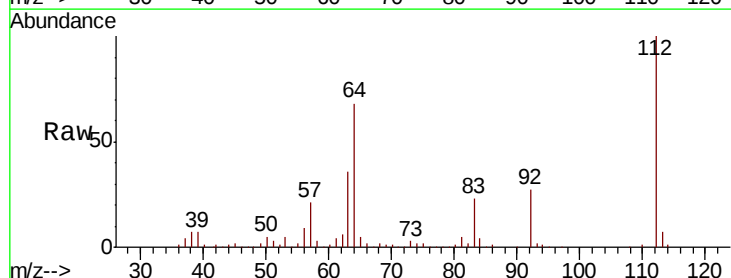
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



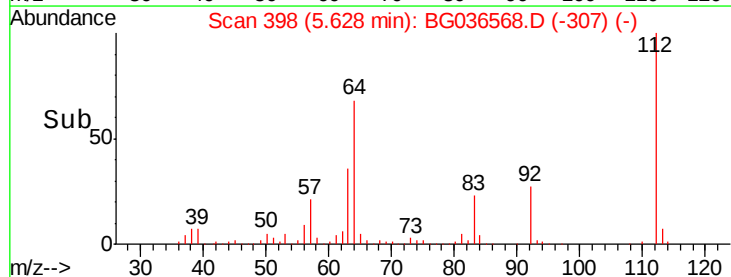
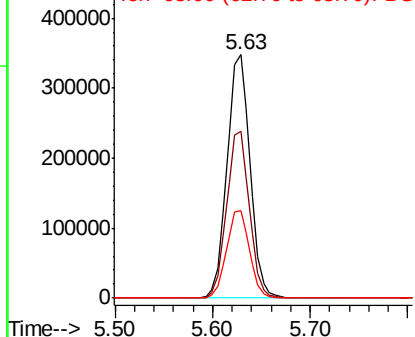
#5

2-Fluorophenol
 Concen: 145.949 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036568.D
 Acq: 5 Sep 2018 19:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	57.2	85.8
63	35.8	30.8	46.2



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: 145.728 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036568.D

Acq: 5 Sep 2018 19:56

Instrument :

BNA_G

ClientSampleId :

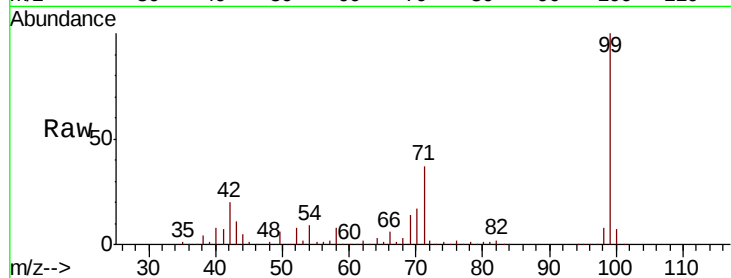
Tot Ion: 99 Resp: 810454

Ion Ratio Lower Upper

99 100

42 20.4 16.5 24.7

71 37.1 29.4 44.2

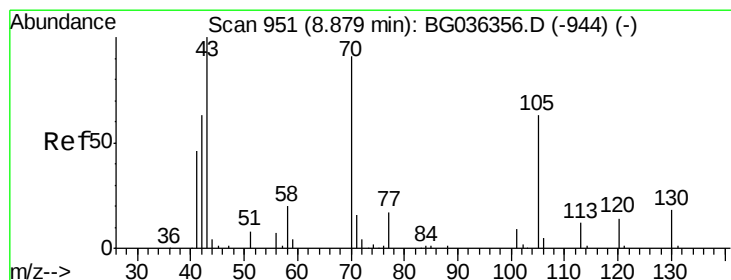
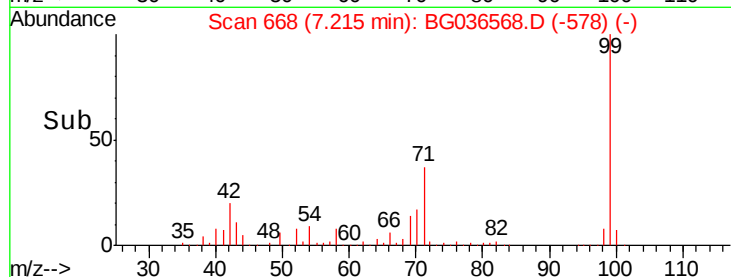
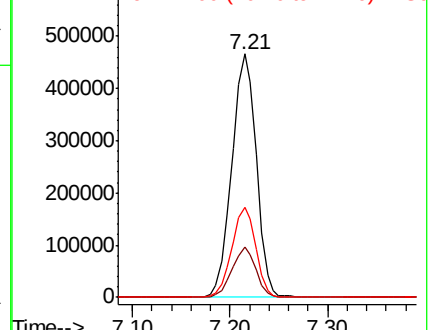


Abundance

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: 16.265 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036568.D

Acq: 5 Sep 2018 19:56

Tgt Ion: 70 Resp: 67604

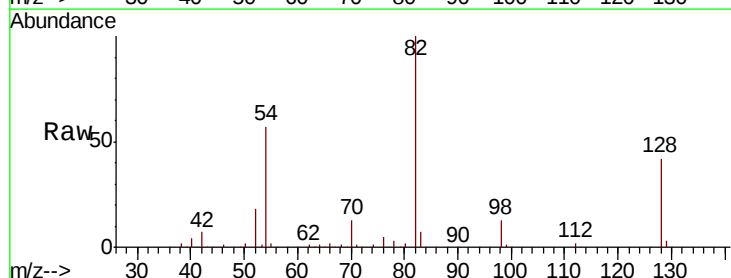
Ion Ratio Lower Upper

70 100

42 49.5 56.2 84.4#

101 0.0 7.8 11.6#

130 1.4 16.2 24.2#



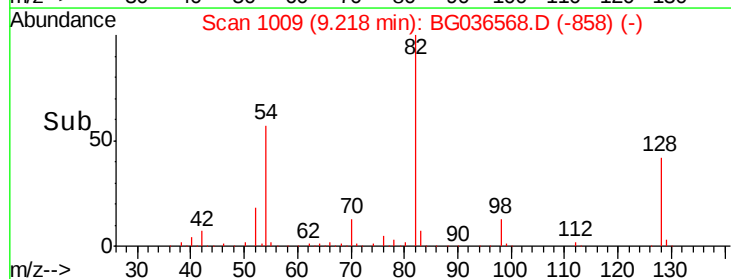
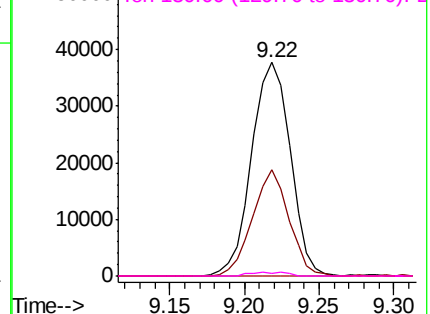
Abundance

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

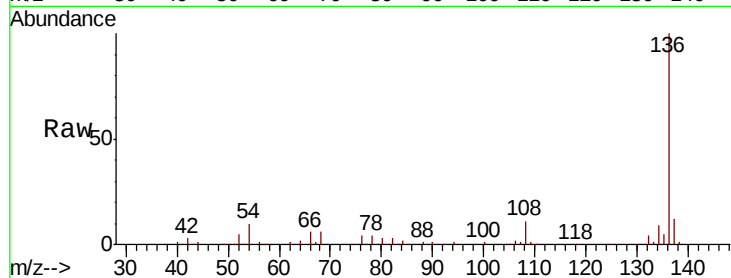




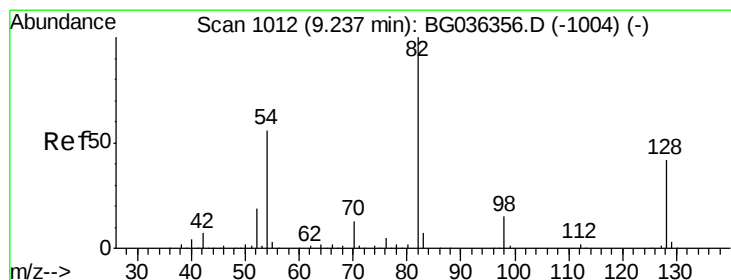
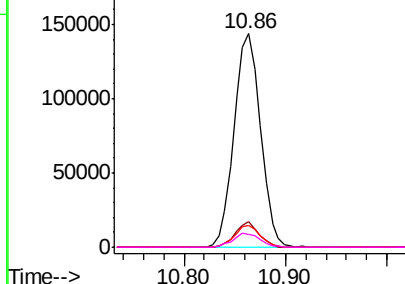
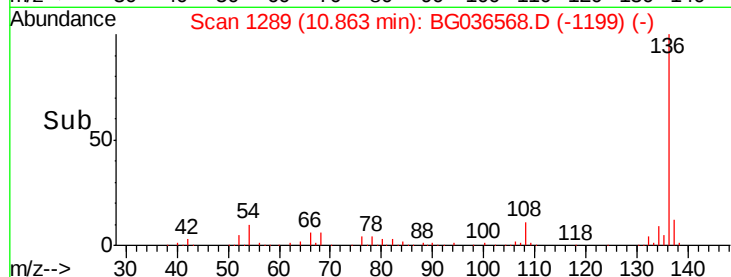
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036568.D
Acq: 5 Sep 2018 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	261237
Ion	Ratio	Lower Upper
136	100	
137	11.8	8.8 13.2
54	10.1	9.2 13.8
68	6.1	5.8 8.6

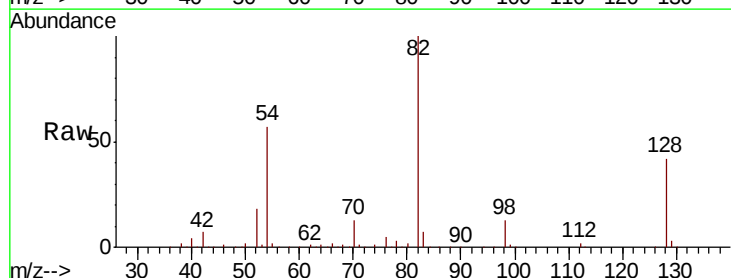


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

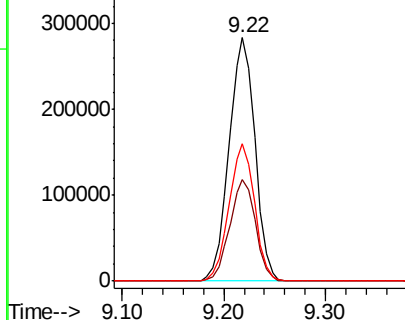
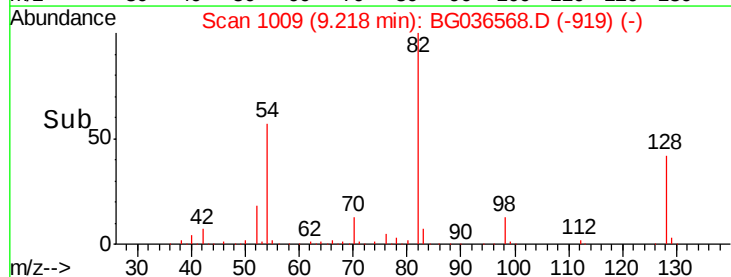


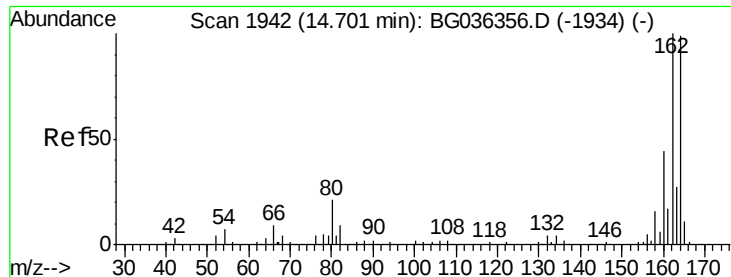
#23
Nitrobenzene-d5
Concen: 104.111 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036568.D
Acq: 5 Sep 2018 19:56

Tgt Ion: 82	Resp:	501278
Ion	Ratio	Lower Upper
82	100	
128	41.8	33.3 49.9
54	56.7	45.1 67.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG036568.D

Acq: 5 Sep 2018 19:56

Instrument :

BNA_G

ClientSampleId :

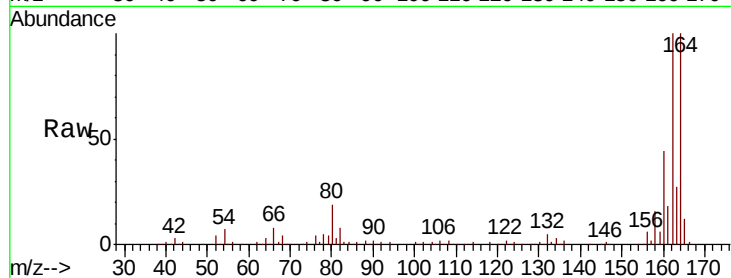
Tot Ion:164 Resp: 177640

Ion Ratio Lower Upper

164 100

162 100.3 80.7 121.1

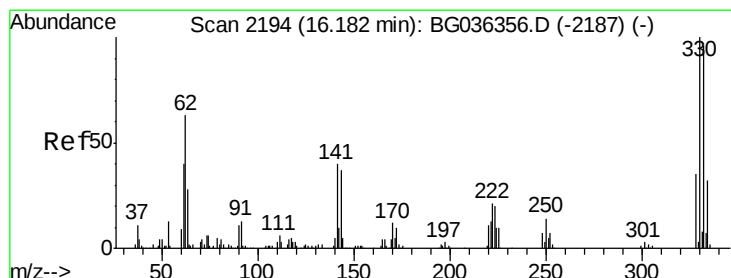
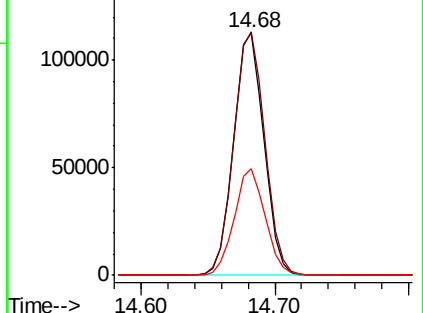
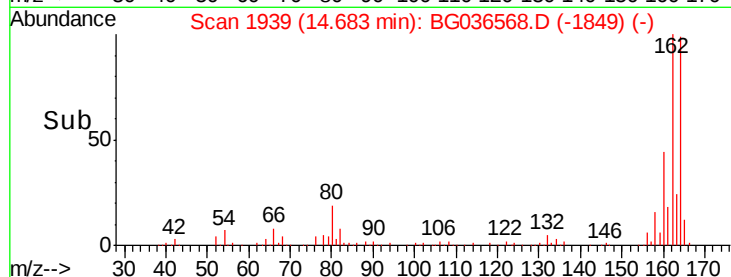
160 44.2 35.3 52.9



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: 174.245 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036568.D

Acq: 5 Sep 2018 19:56

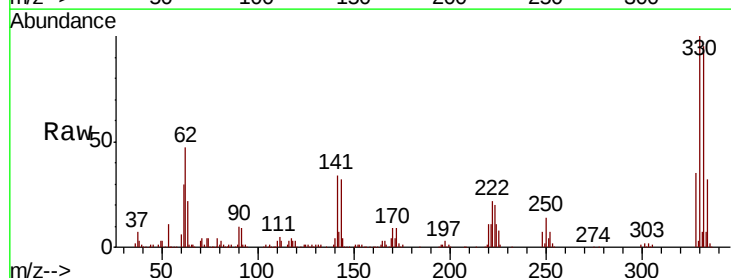
Tgt Ion:330 Resp: 369338

Ion Ratio Lower Upper

330 100

332 95.9 75.4 113.2

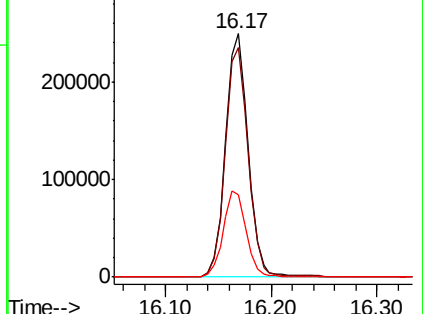
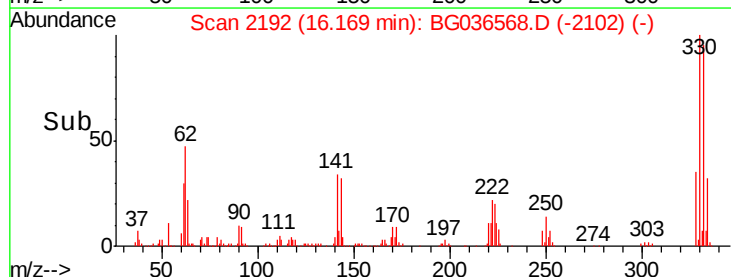
141 36.4 30.7 46.1

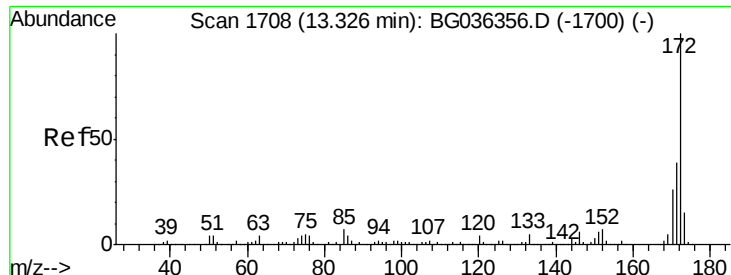


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

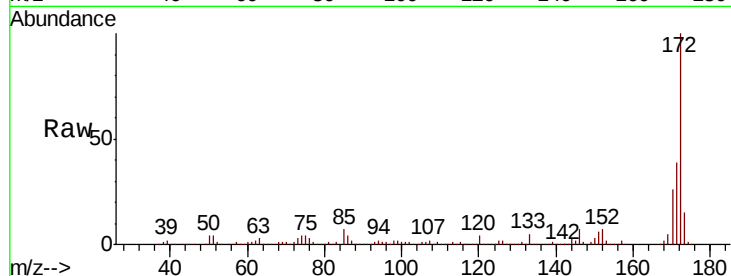




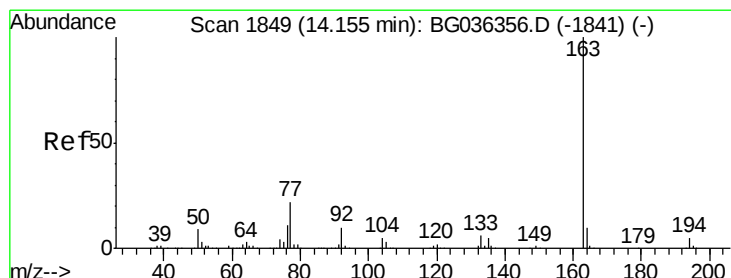
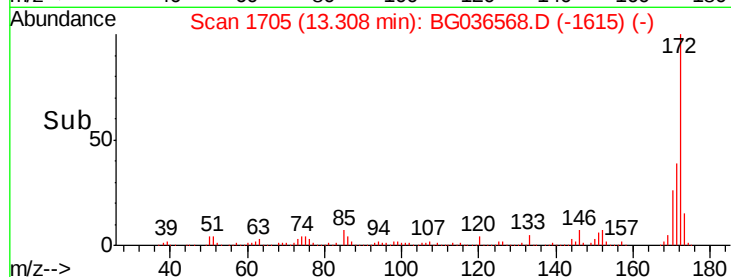
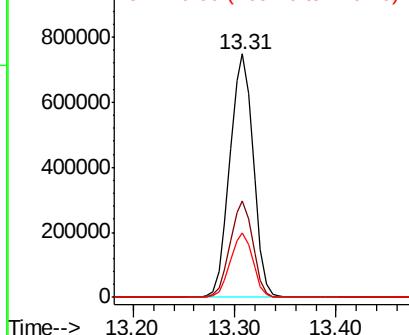
#44
2-Fluorobiphenyl
Concen: 96.553 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036568.D
Acq: 5 Sep 2018 19:56

Instrument :
BNA_G
ClientSampled :

Tot Ion:172 Resp: 1201249
Ion Ratio Lower Upper
172 100
171 39.4 31.3 46.9
170 26.3 21.0 31.6

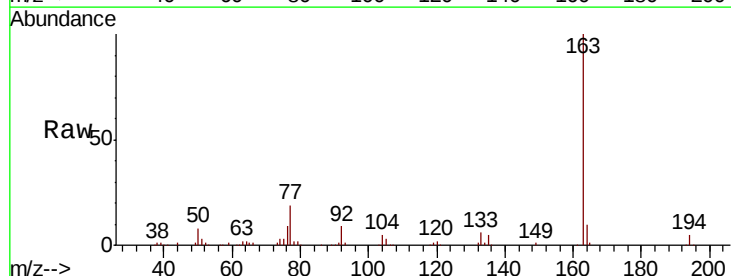


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

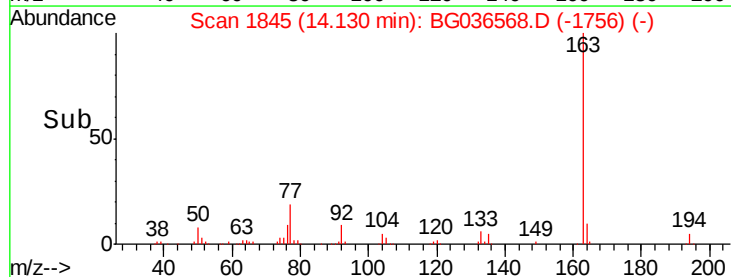
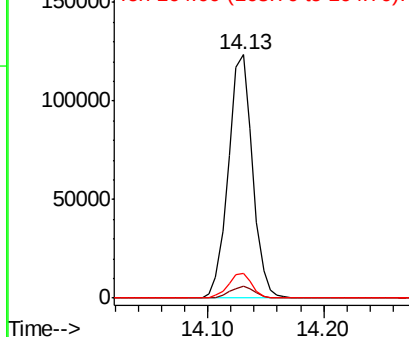


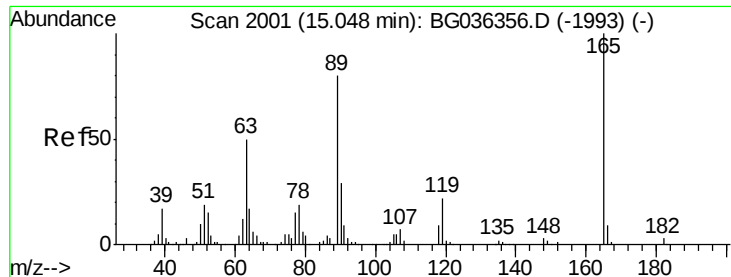
#49
Dimethylphthalate
Concen: 12.297 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036568.D
Acq: 5 Sep 2018 19:56

Tgt Ion:163 Resp: 178365
Ion Ratio Lower Upper
163 100
194 4.8 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

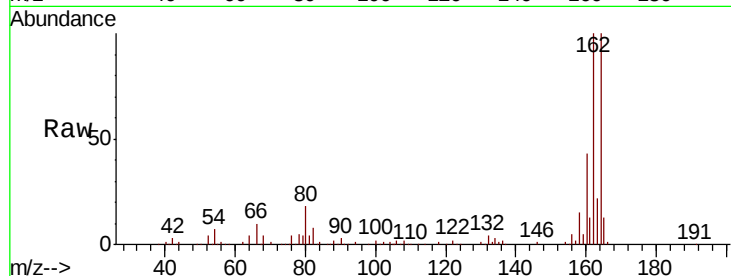




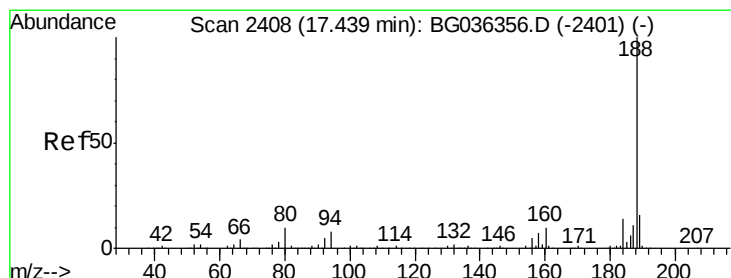
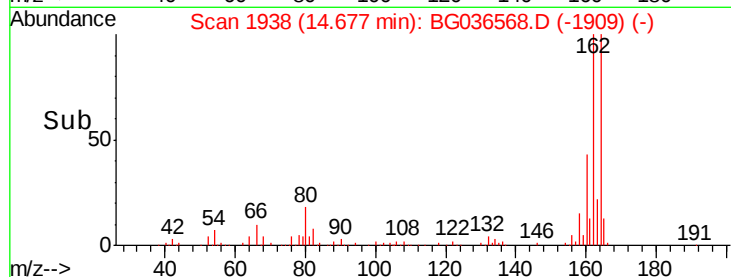
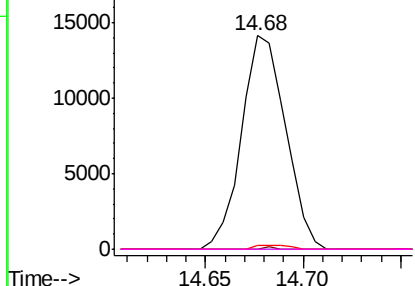
#56
2,4-Dinitrotoluene
Concen: 5.679 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036568.D
Acq: 5 Sep 2018 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	1.6	63.7	95.5#
182	0.0	2.5	3.7#

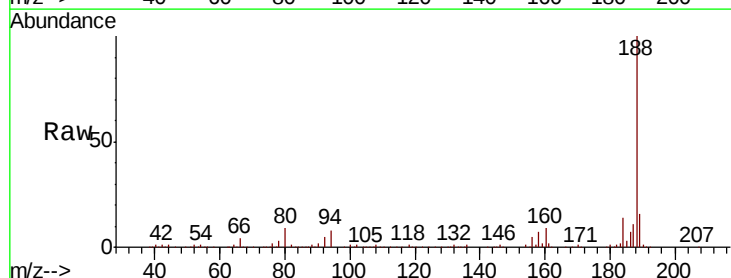


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

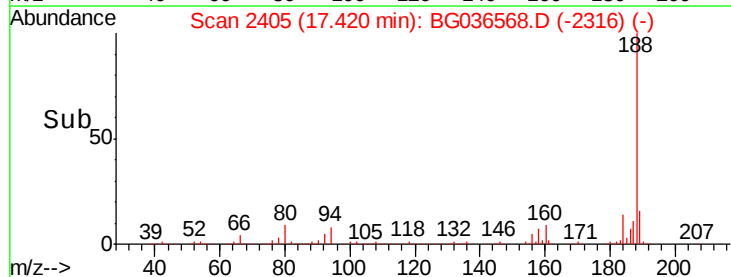
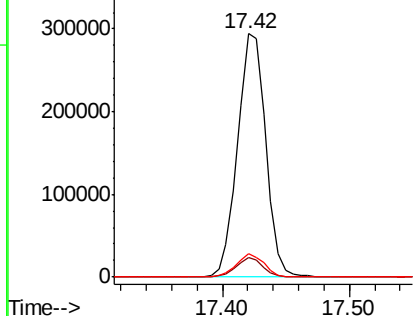


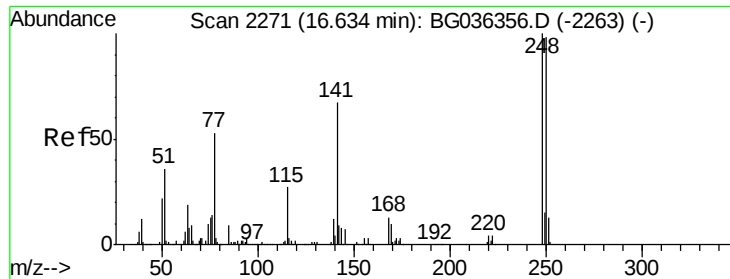
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036568.D
Acq: 5 Sep 2018 19:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	9.4	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

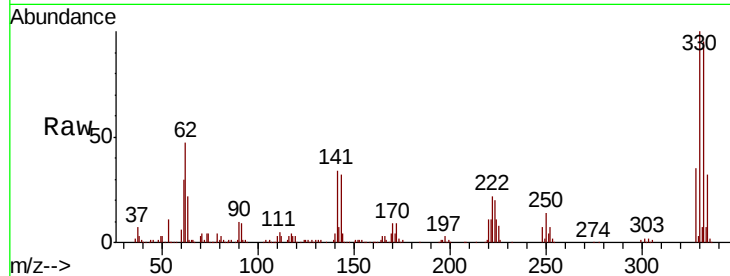




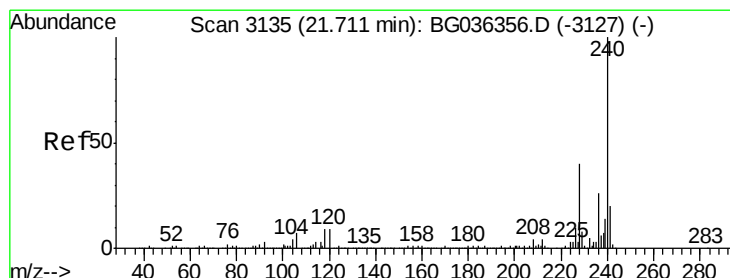
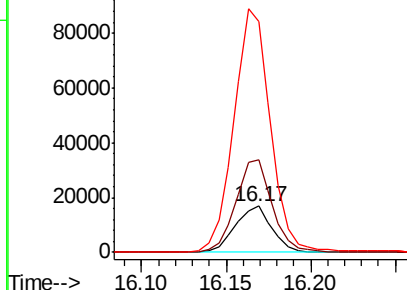
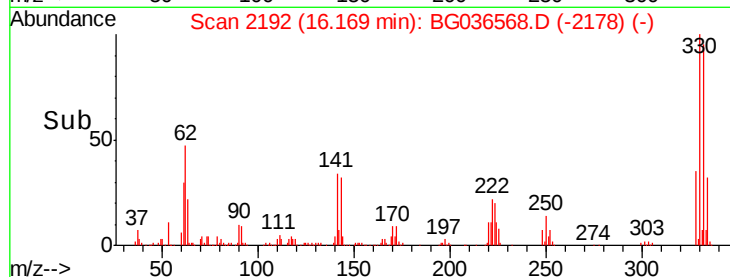
#66
 4-Bromophenyl-phenylether
 Concen: 4.826 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036568.D
 Acq: 5 Sep 2018 19:56

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 25517
 Ion Ratio Lower Upper
 248 100
 250 201.1 78.1 117.1#
 141 503.4 53.7 80.5#

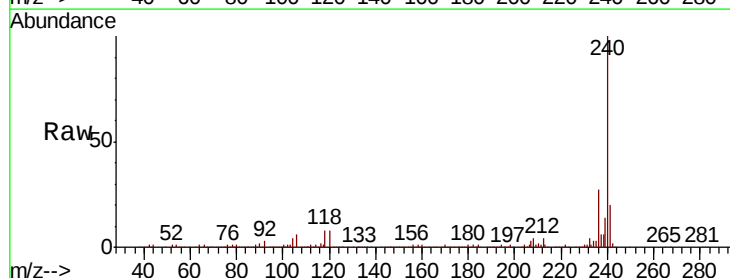


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

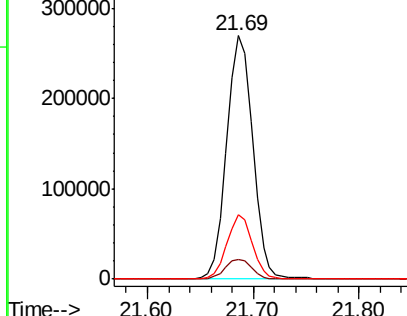
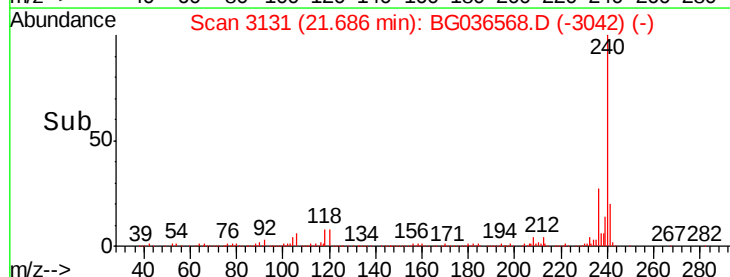


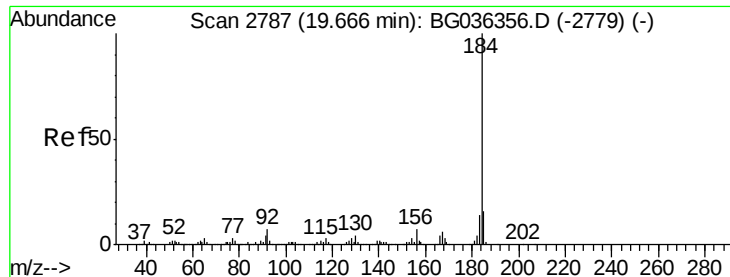
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036568.D
 Acq: 5 Sep 2018 19:56

Tgt Ion:240 Resp: 462384
 Ion Ratio Lower Upper
 240 100
 120 8.3 6.9 10.3
 236 26.6 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: 2.343 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036568.D

Acq: 5 Sep 2018 19:56

Instrument :

BNA_G

ClientSampleId :

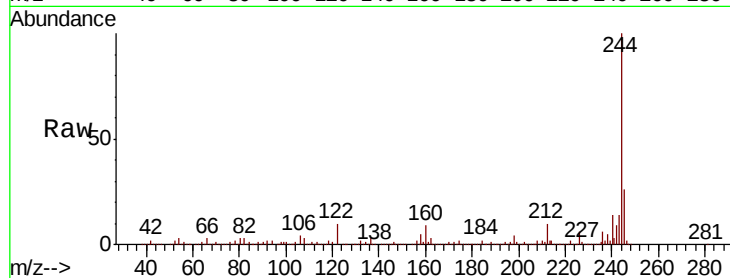
Tot Ion:184 Resp: 34568

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

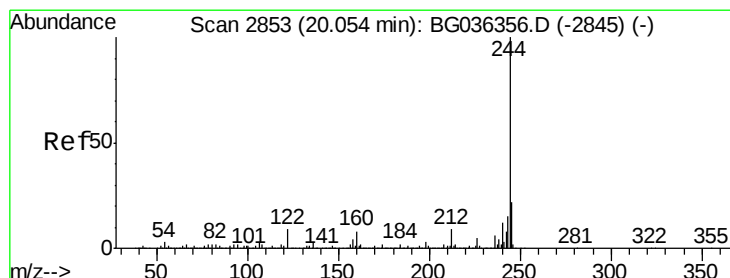
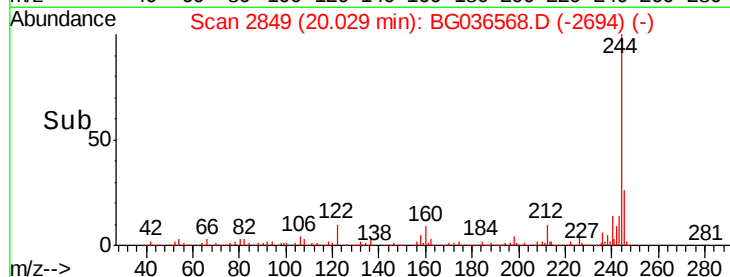
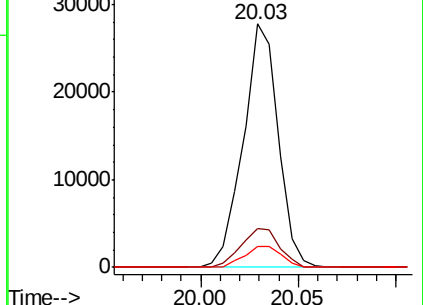
183 8.7 10.9 16.3#



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: 96.279 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036568.D

Acq: 5 Sep 2018 19:56

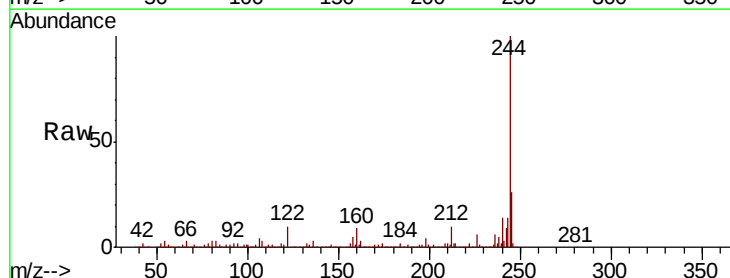
Tgt Ion:244 Resp: 1904640

Ion Ratio Lower Upper

244 100

212 9.8 7.0 10.6

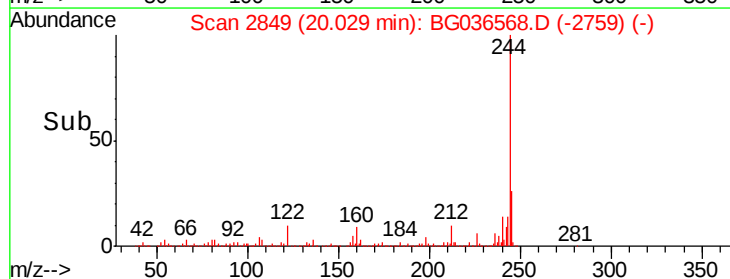
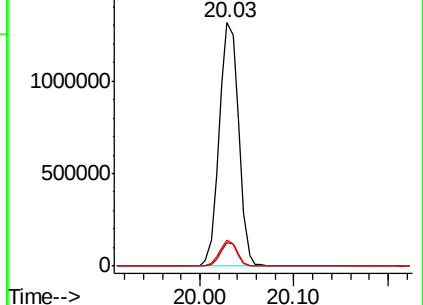
122 10.5 7.1 10.7

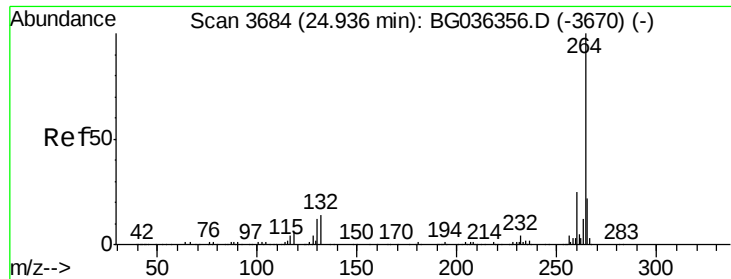


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG036568.D
Acq: 5 Sep 2018 19:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.6	29.4
265	22.6	17.4	26.0

