

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091718\
 Data File : BG036762.D
 Acq On : 17 Sep 2018 20:00
 Operator : JU/SJ
 Sample : J4773-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 18 01:46:20 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

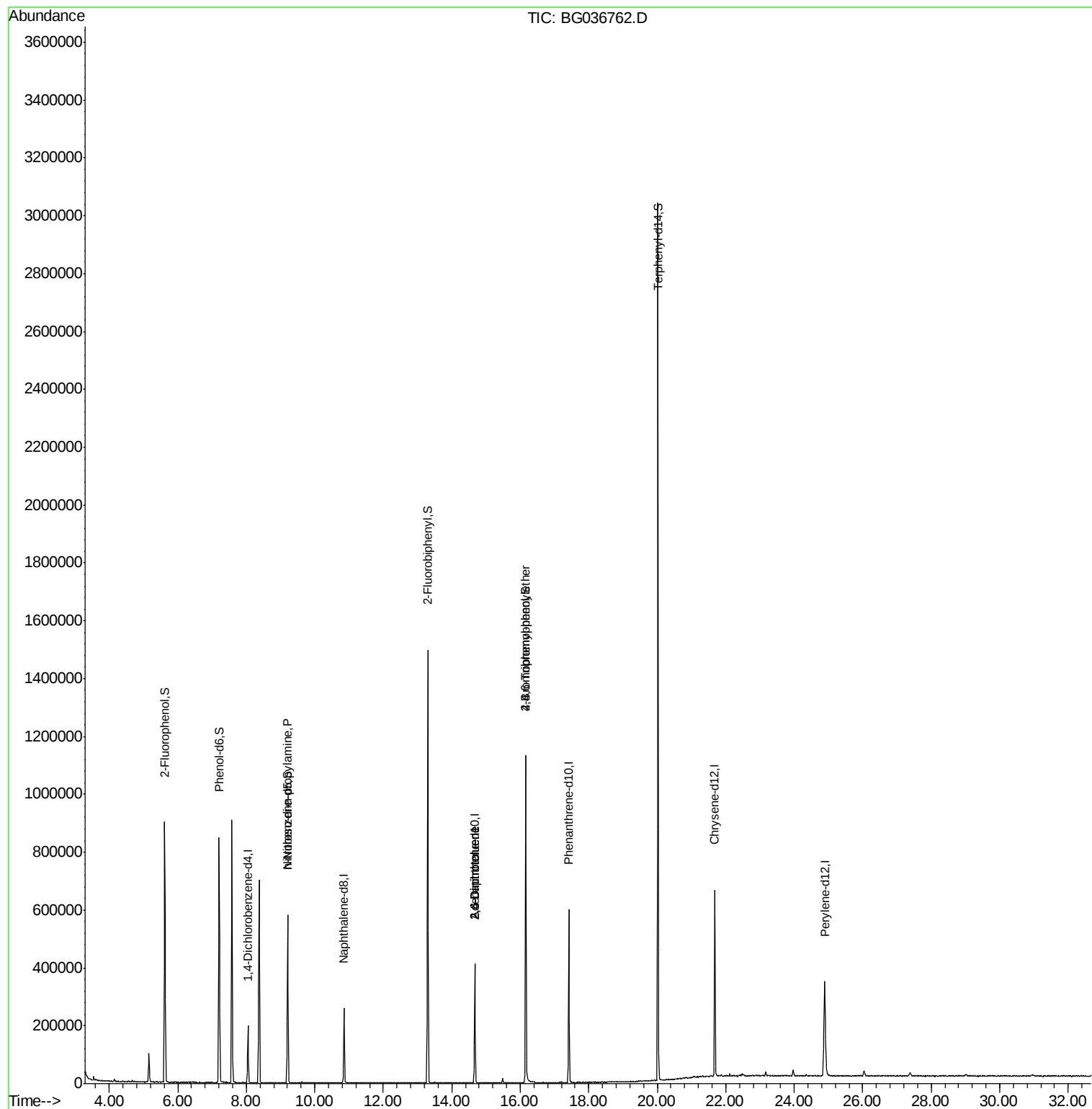
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56399	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	219189	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	143028	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	374746	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	392508	20.00	ng	-0.02
86) Perylene-d12	24.89	264	376857	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	371494	104.49	ng	0.00
7) Phenol-d6	7.21	99	474528	93.22	ng	-0.01
23) Nitrobenzene-d5	9.21	82	349361	86.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	221343	129.69	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	784515	78.32	ng	-0.01
78) Terphenyl-d14	20.02	244	1369270	81.54	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	45809	12.041	ng	# 74
50) 2,6-Dinitrotoluene	14.67	165	18694	7.779	ng	# 21
56) 2,4-Dinitrotoluene	14.67	165	18694	5.968	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	15927	3.630	ng	# 1

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

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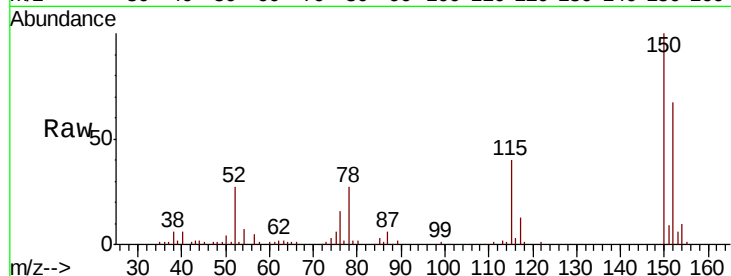


#1

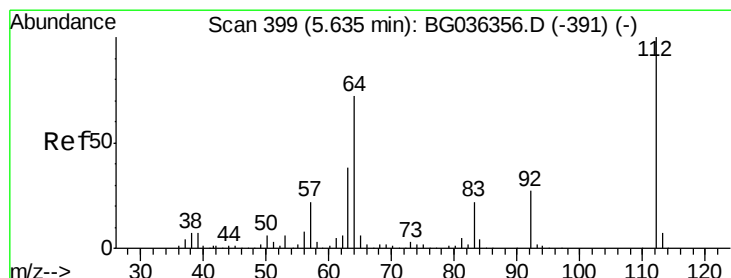
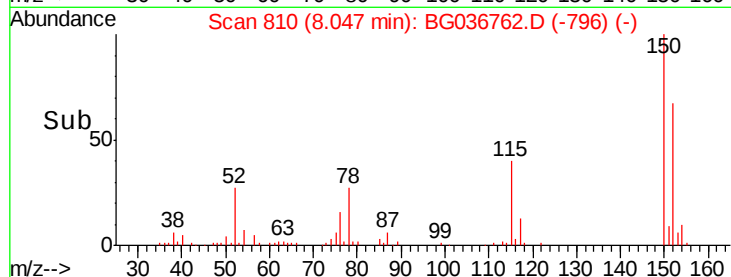
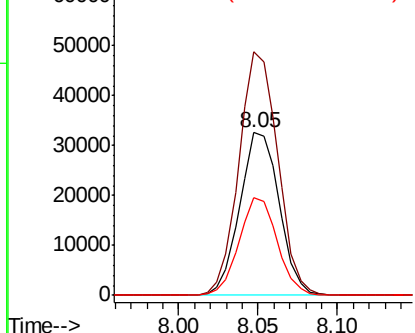
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56399
Ion Ratio Lower Upper
152 100
150 149.7 119.5 179.3
115 59.9 44.5 66.7



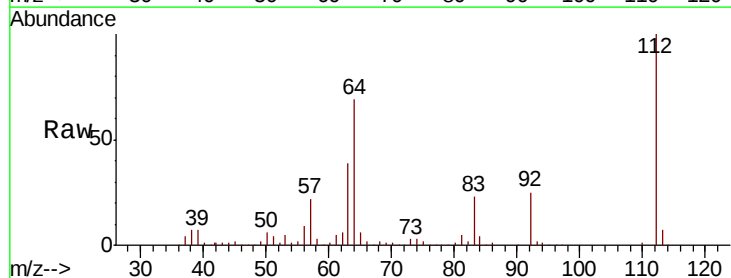
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



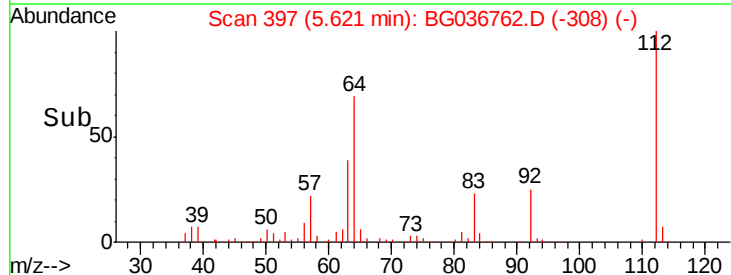
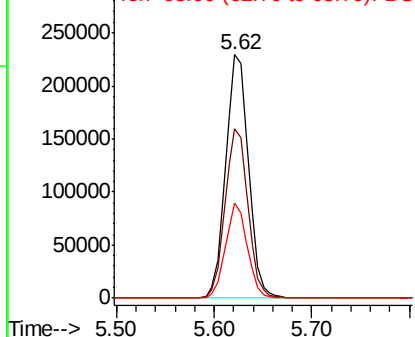
#5

2-Fluorophenol
Concen: 104.487 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

Tgt Ion:112 Resp: 371494
Ion Ratio Lower Upper
112 100
64 69.3 57.2 85.8
63 39.3 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: 93.219 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036762.D

Acq: 17 Sep 2018 20:00

Instrument :

BNA_G

ClientSampleId :

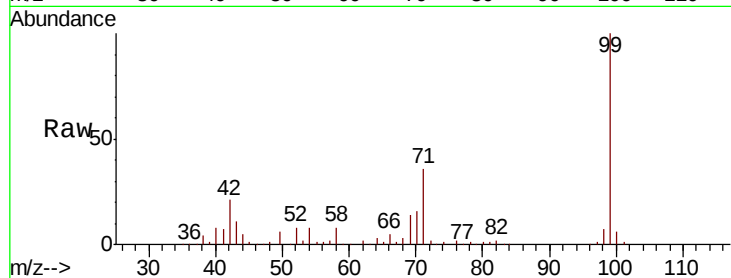
Tot Ion: 99 Resp: 474528

Ion Ratio Lower Upper

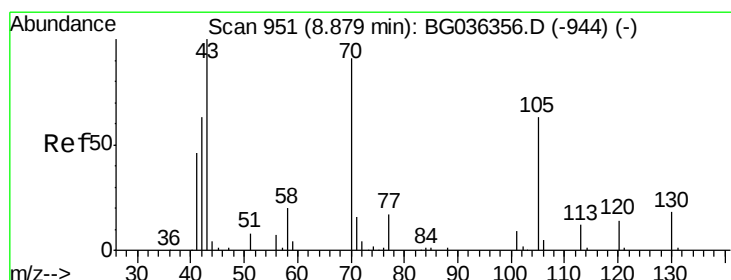
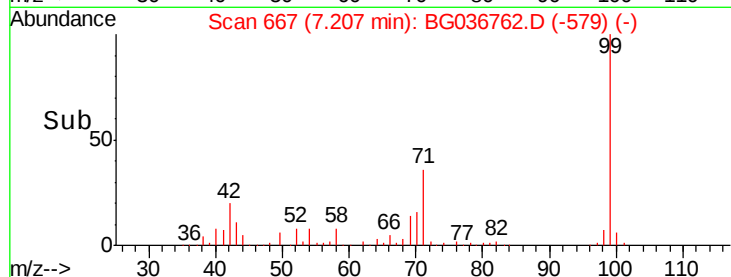
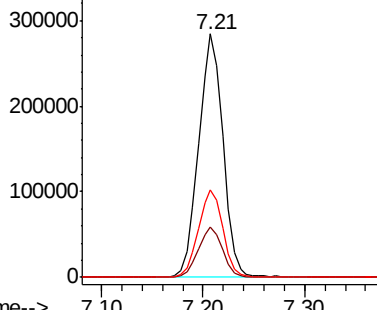
99 100

42 20.5 16.5 24.7

71 36.2 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: 12.041 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036762.D

Acq: 17 Sep 2018 20:00

Tgt Ion: 70 Resp: 45809

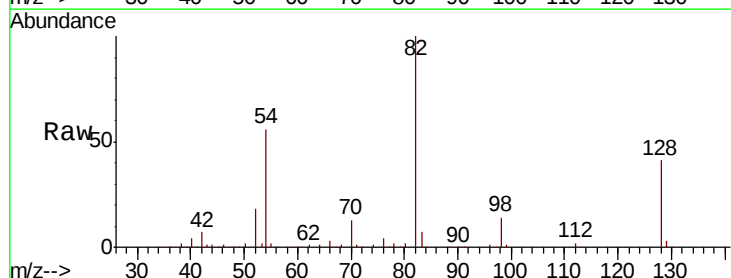
Ion Ratio Lower Upper

70 100

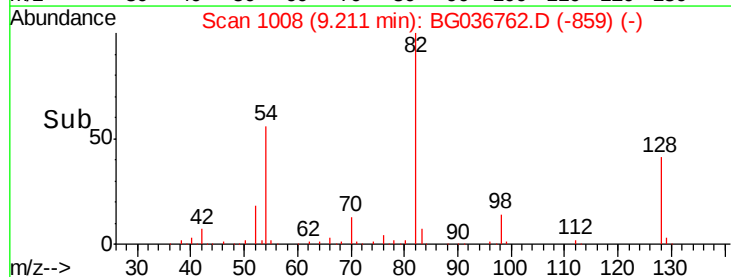
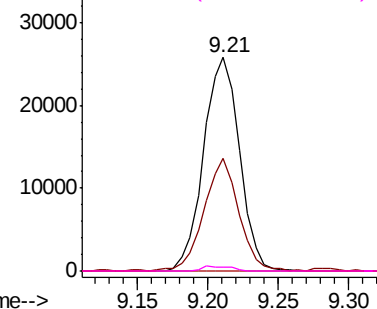
42 52.7 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 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

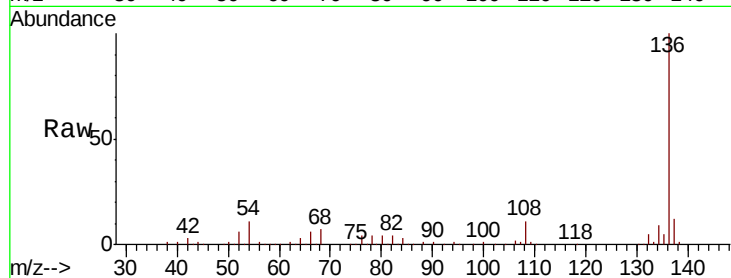




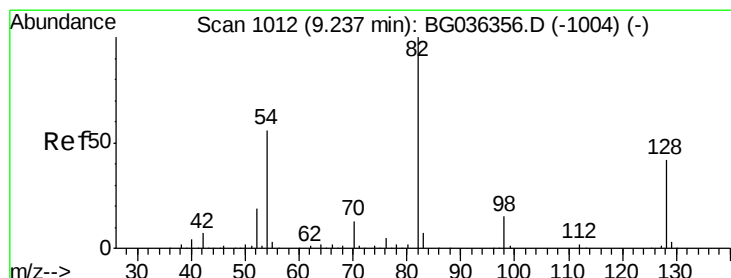
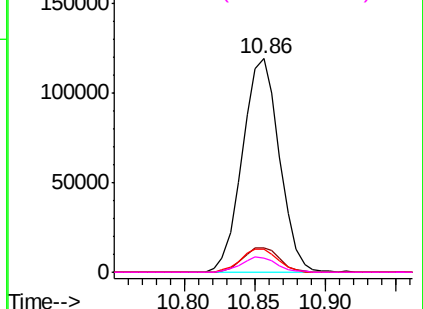
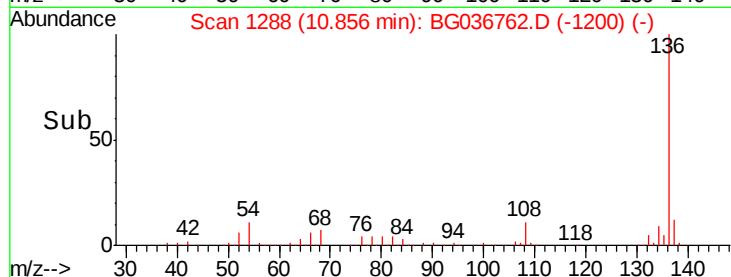
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	219189
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	11.0	9.2	13.8
68	6.9	5.8	8.6

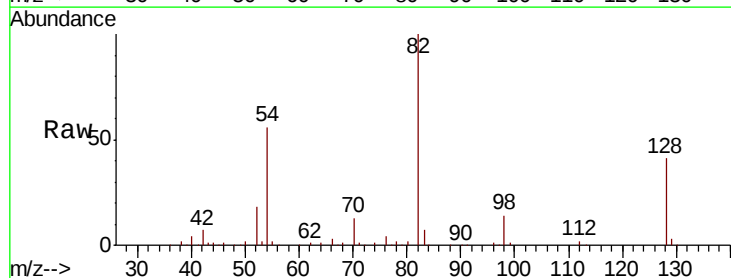


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

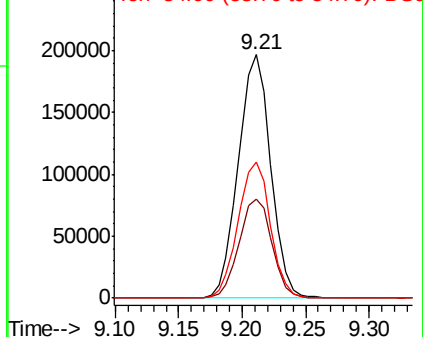
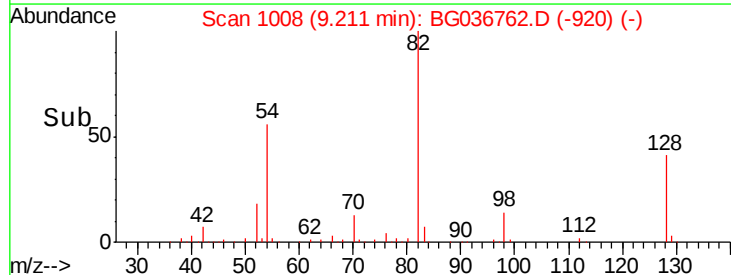


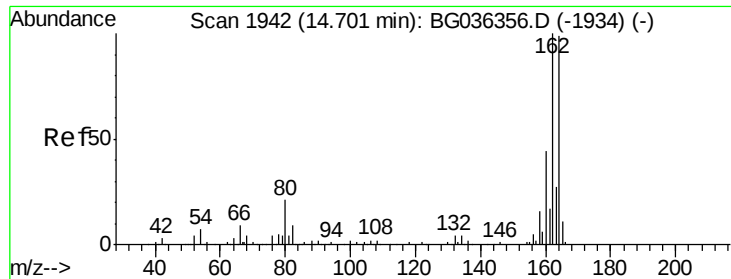
#23
Nitrobenzene-d5
Concen: 86.479 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

Tgt Ion:	82	Resp:	349361
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.3	49.9
54	55.9	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# 1938

Delta R.T. -0.01 min

Lab File: BG036762.D

Acq: 17 Sep 2018 20:00

Instrument :

BNA_G

ClientSampleId :

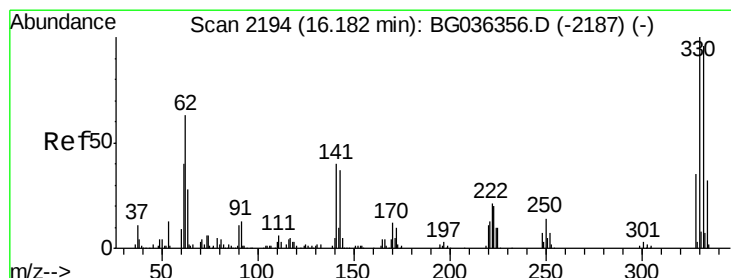
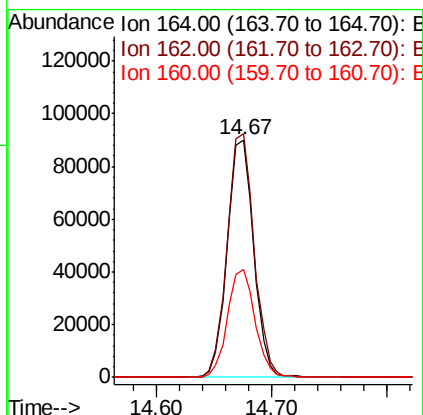
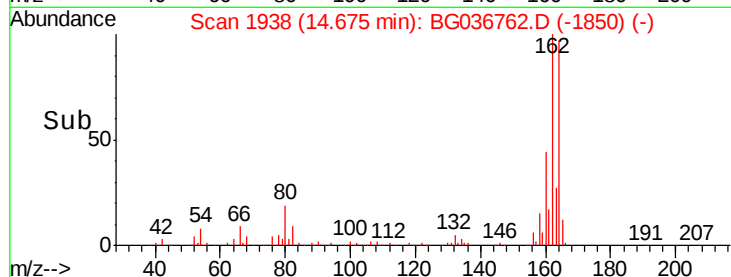
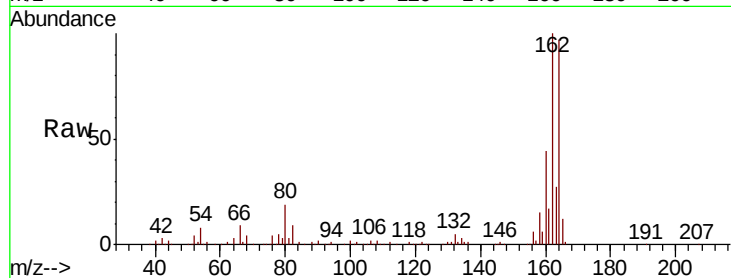
Tot Ion:164 Resp: 143028

Ion Ratio Lower Upper

164 100

162 102.6 80.7 121.1

160 45.4 35.3 52.9



#41

2,4,6-Tribromophenol

Concen: 129.695 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036762.D

Acq: 17 Sep 2018 20:00

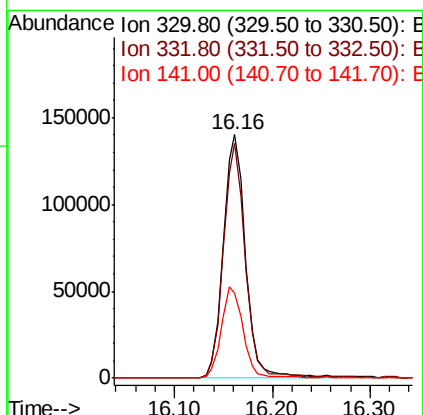
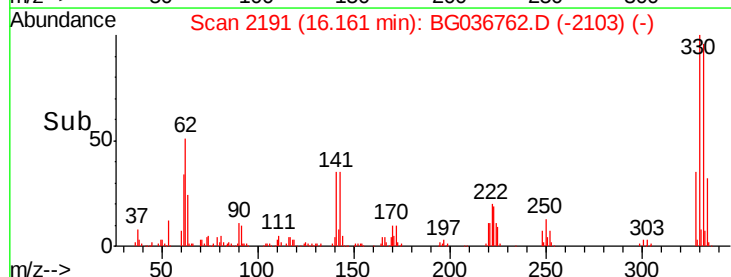
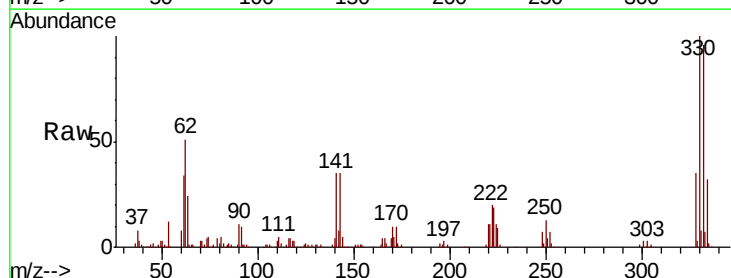
Tgt Ion:330 Resp: 221343

Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

141 36.8 30.7 46.1

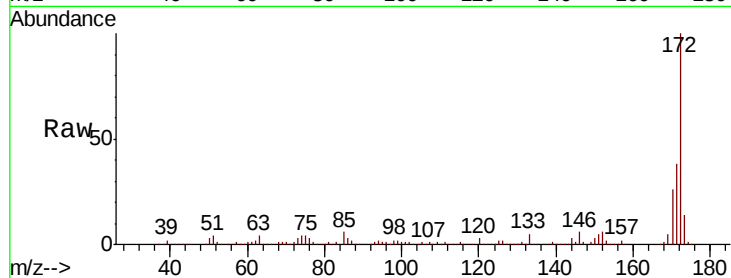




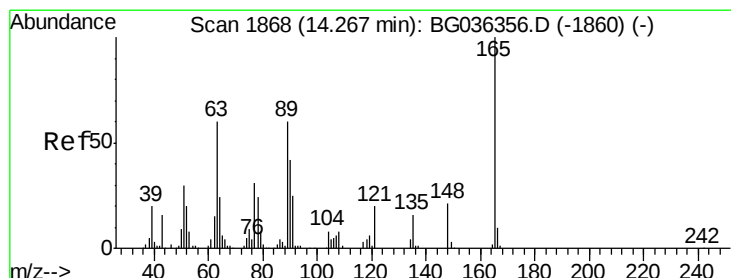
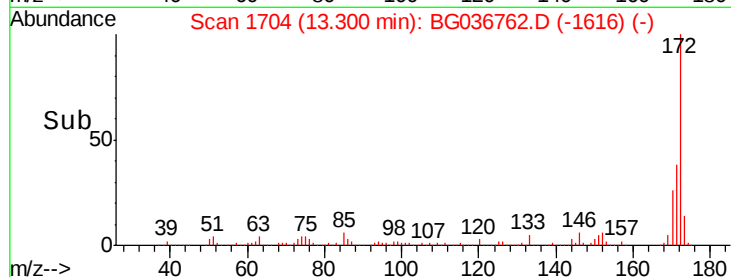
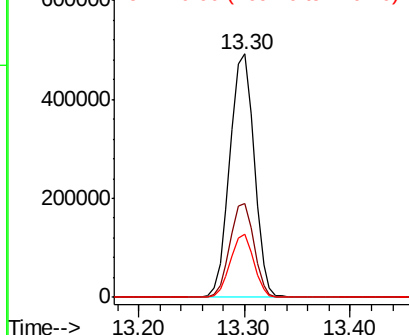
#44
 2-Fluorobiphenyl
 Concen: 78.316 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036762.D
 Acq: 17 Sep 2018 20:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 784515
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.3 46.9
 170 25.8 21.0 31.6

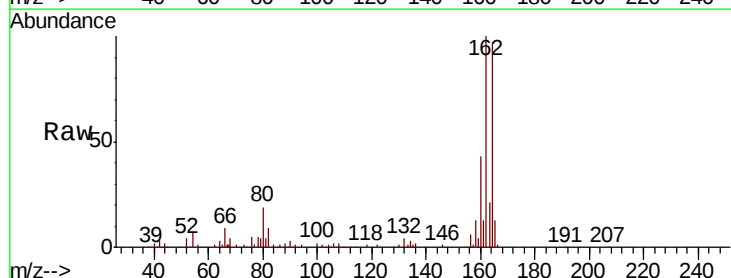


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

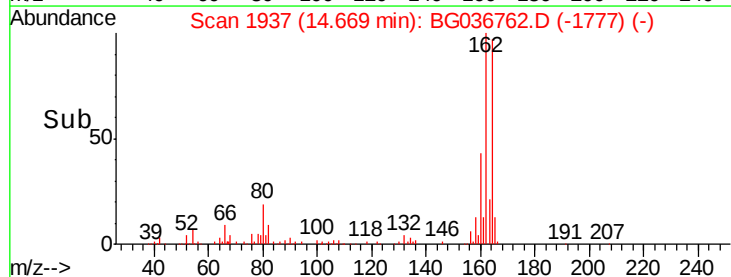
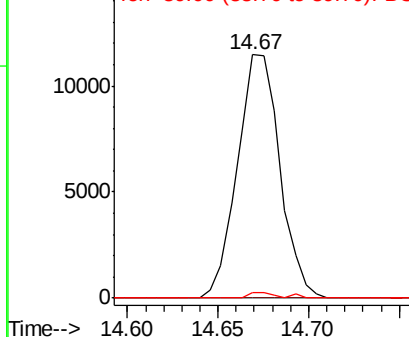


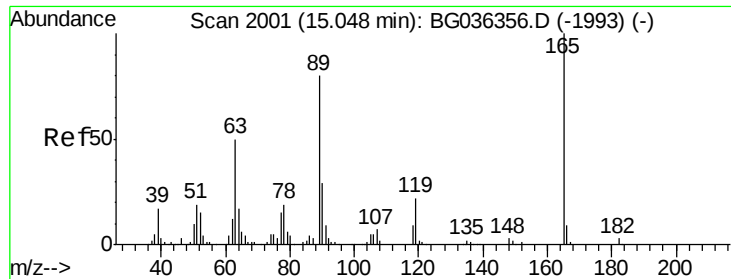
#50
 2,6-Dinitrotoluene
 Concen: 7.779 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036762.D
 Acq: 17 Sep 2018 20:00

Tgt Ion:165 Resp: 18694
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 2.3 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

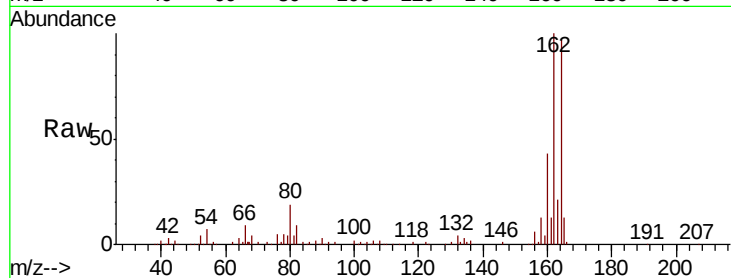




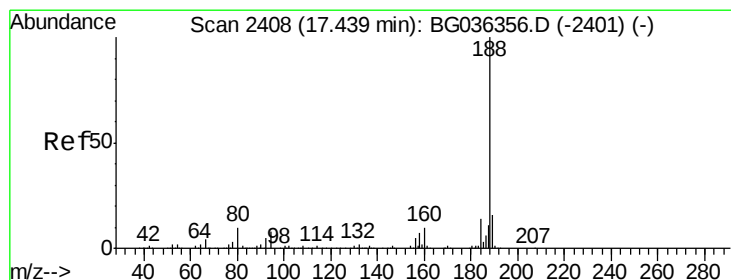
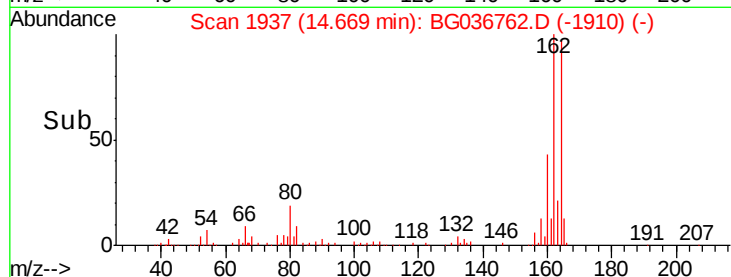
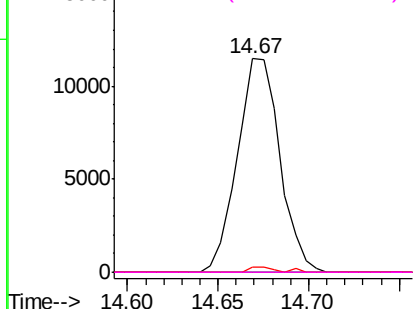
#56
2,4-Dinitrotoluene
Concen: 5.968 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.37 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.1	60.1#
89	2.3	63.7	95.5#
182	0.0	2.5	3.7#



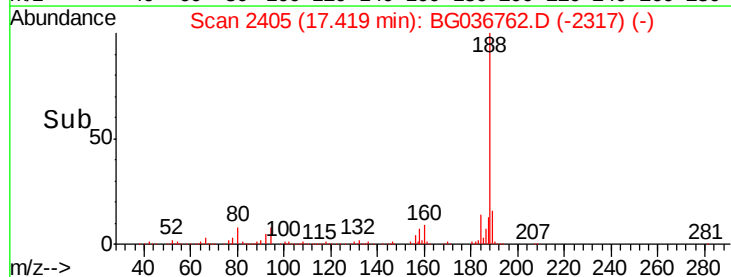
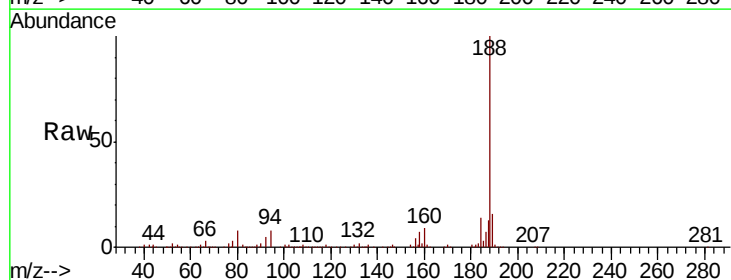
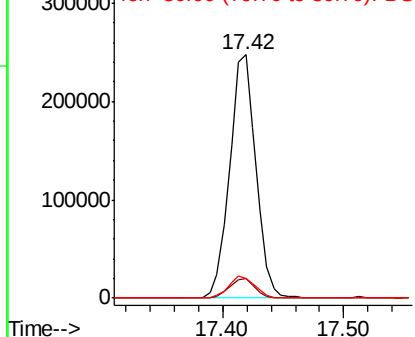
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

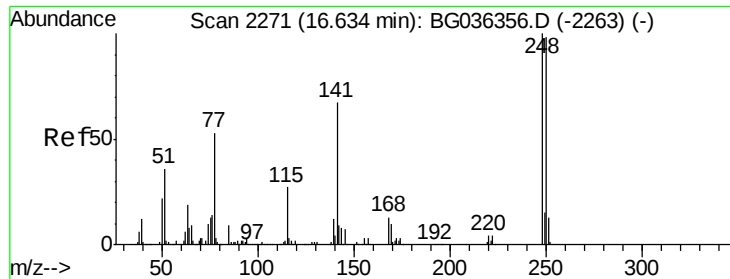


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036762.D
Acq: 17 Sep 2018 20:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	8.3	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

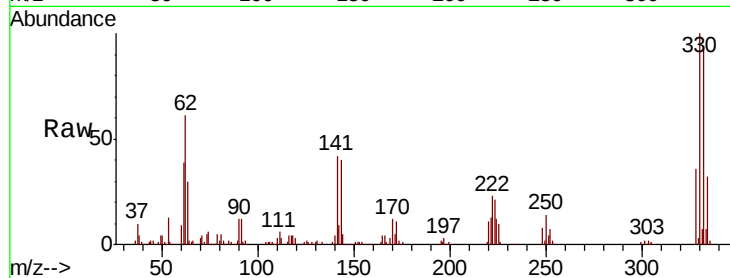




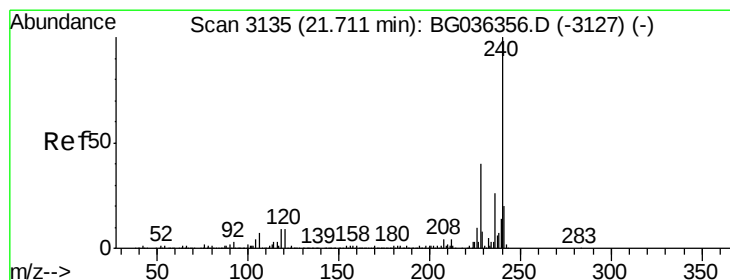
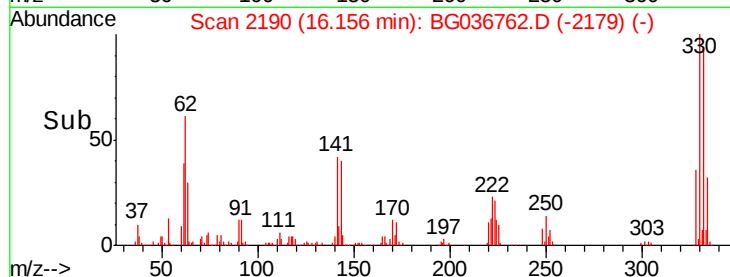
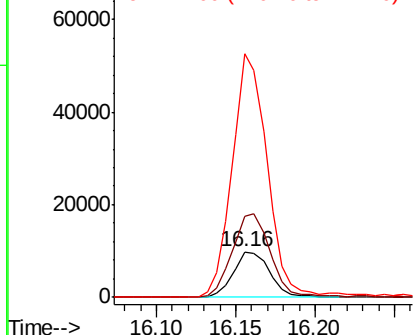
#66
 4-Bromophenyl-phenylether
 Concen: 3.630 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036762.D
 Acq: 17 Sep 2018 20:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 15927
 Ion Ratio Lower Upper
 248 100
 250 176.5 78.1 117.1#
 141 532.5 53.7 80.5#

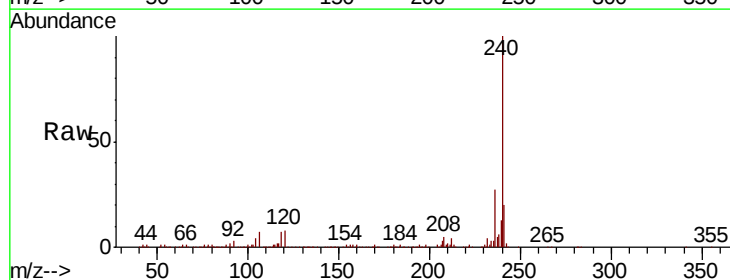


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

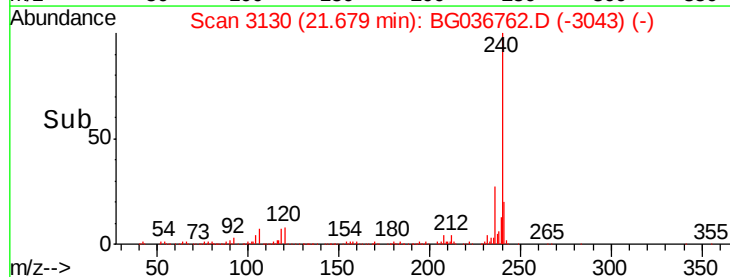
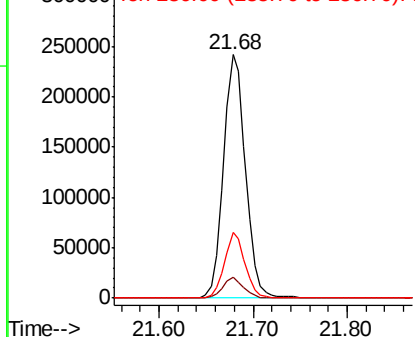


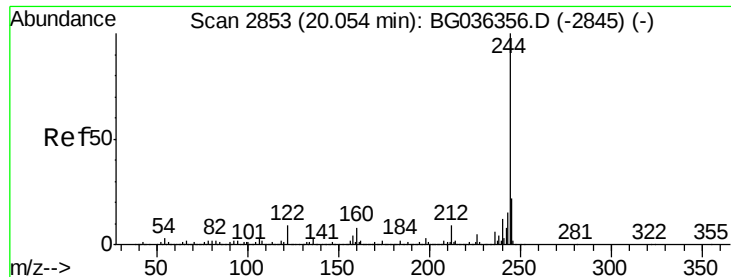
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036762.D
 Acq: 17 Sep 2018 20:00

Tgt Ion:240 Resp: 392508
 Ion Ratio Lower Upper
 240 100
 120 8.4 6.9 10.3
 236 27.0 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

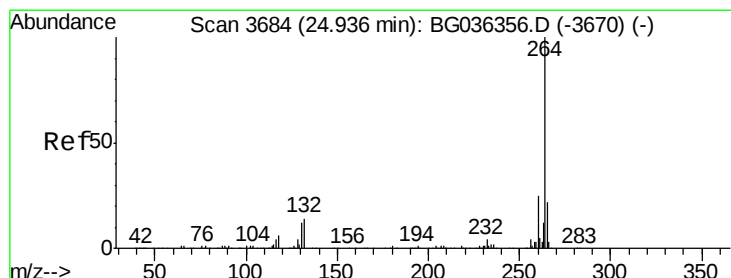
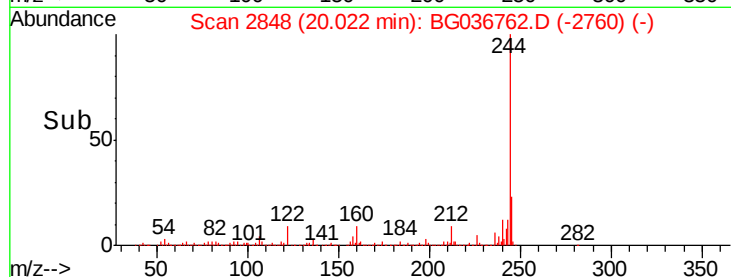
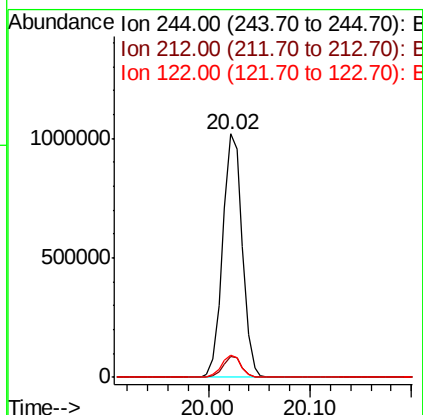
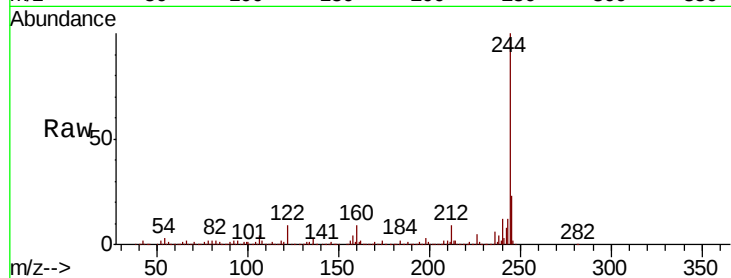




#78
 Terphenyl-d14
 Concen: 81.539 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036762.D
 Acq: 17 Sep 2018 20:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1369270
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 9.3 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036762.D
 Acq: 17 Sep 2018 20:00

Tgt Ion:264 Resp: 376857
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.6 29.4
 265 21.5 17.4 26.0

