

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
 Data File : BG036672.D
 Acq On : 12 Sep 2018 1:19
 Operator : JU/SJ
 Sample : PB111760BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 12 04:06:24 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

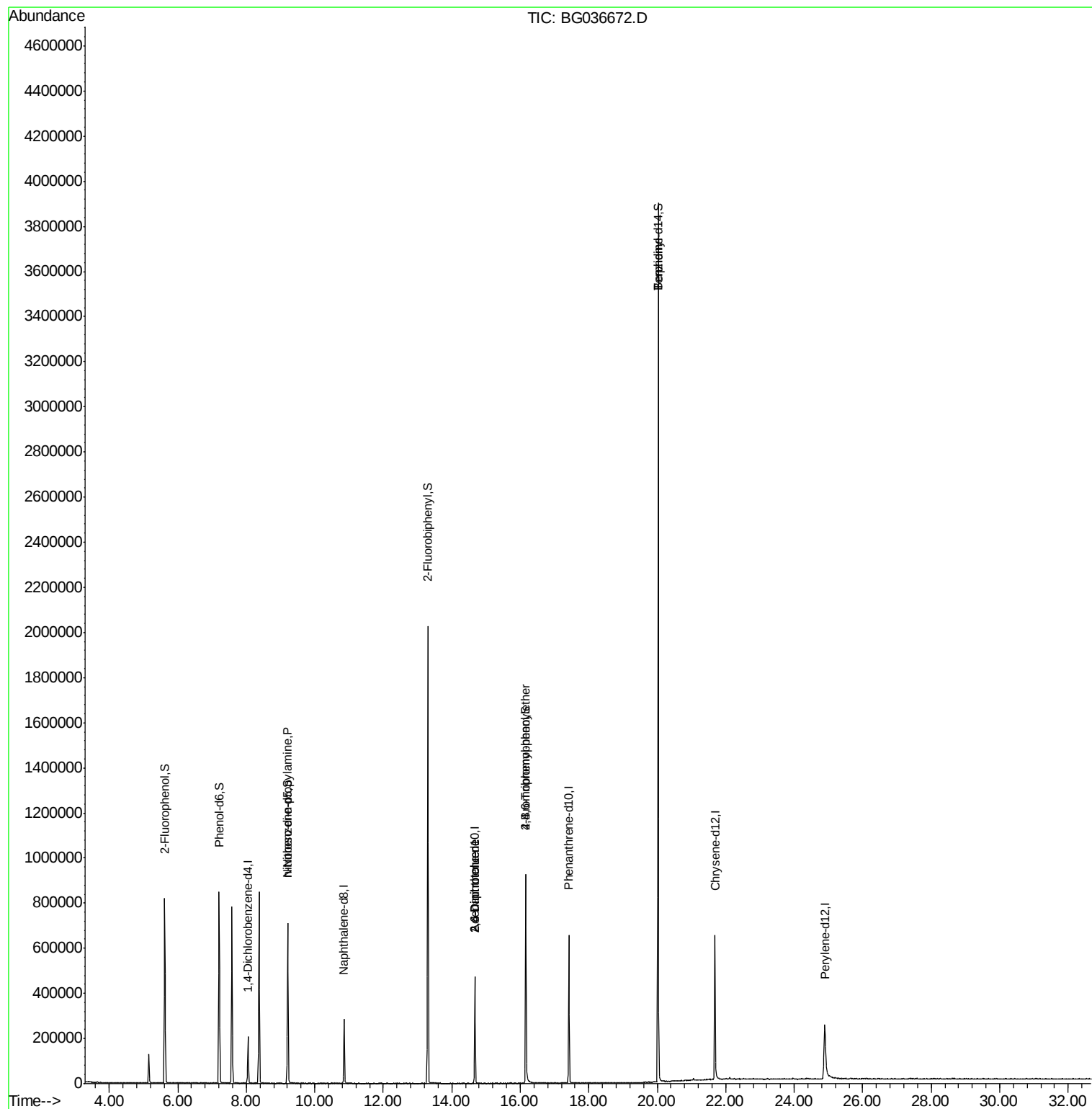
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58051	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	240300	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	160560	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	414695	20.00	ng	0.00
75) Chrysene-d12	21.68	240	440436	20.00	ng	0.00
86) Perylene-d12	24.89	264	375233	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	349907	95.62	ng	0.00
7) Phenol-d6	7.21	99	494100	94.30	ng	0.00
23) Nitrobenzene-d5	9.21	82	434150	98.03	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	185287	96.71	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1040112	92.49	ng	0.00
78) Terphenyl-d14	20.03	244	1814594	96.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	57408	14.660	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	19897	7.375	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	19897	5.659	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	12712	2.618	ng	# 1
76) Benzidine	20.03	184	31897	2.270	ng	# 94

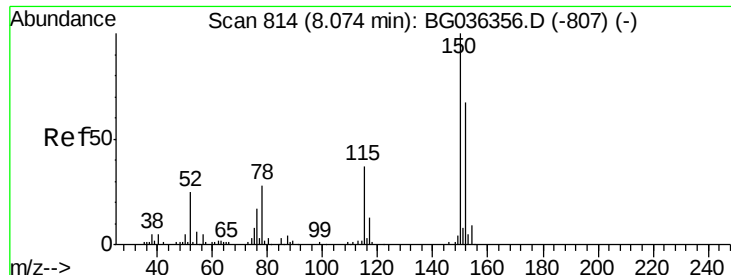
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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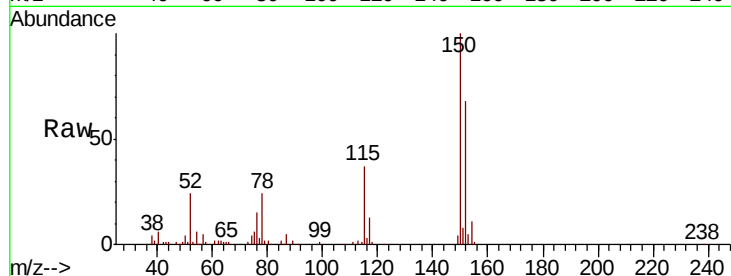


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036672.D
Acq: 12 Sep 2018 1:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.9	119.5	179.3
115	54.0	44.5	66.7

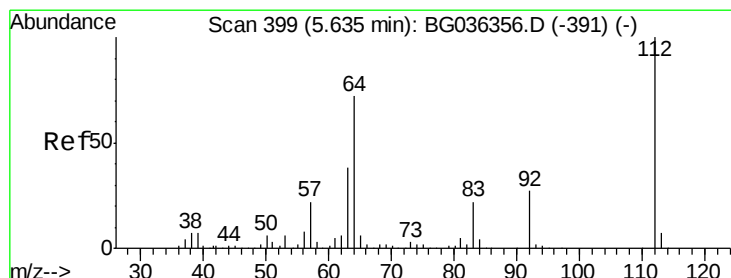
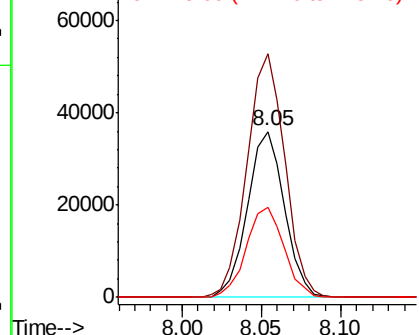
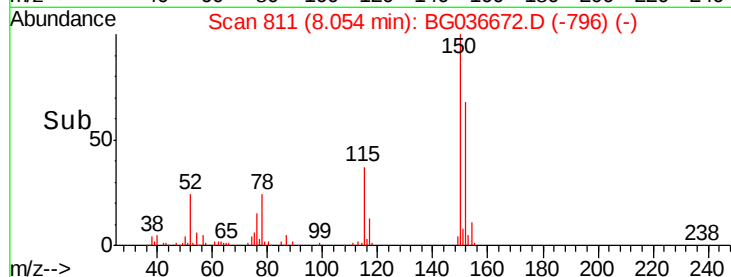


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

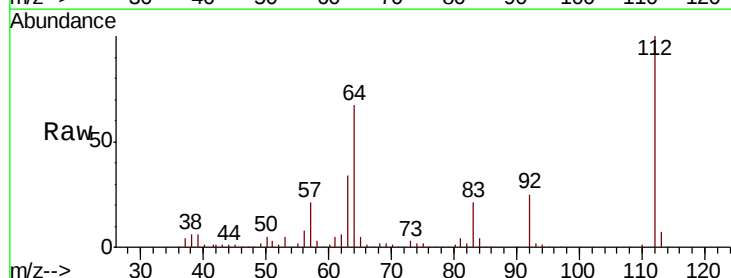
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 95.615 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036672.D
Acq: 12 Sep 2018 1:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	57.2	85.8
63	33.7	30.8	46.2

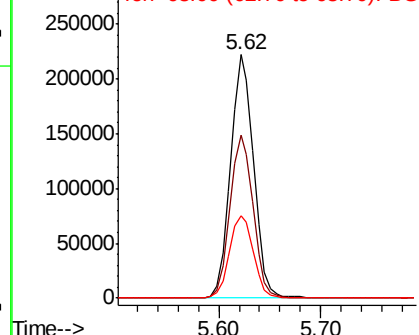
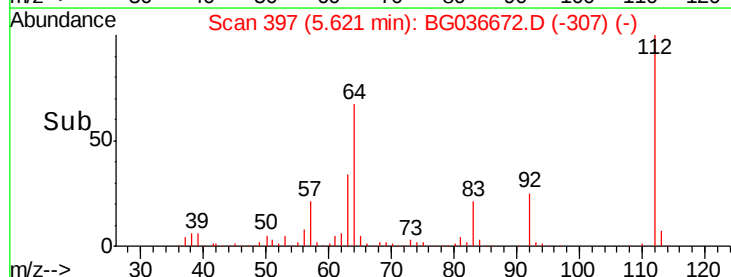


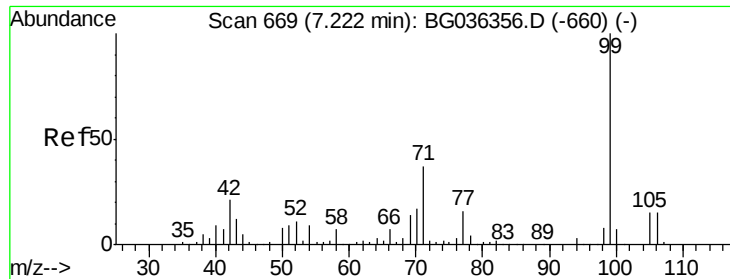
Abundance

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: 94.302 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036672.D

Acq: 12 Sep 2018 1:19

Instrument :

BNA_G

ClientSampleId :

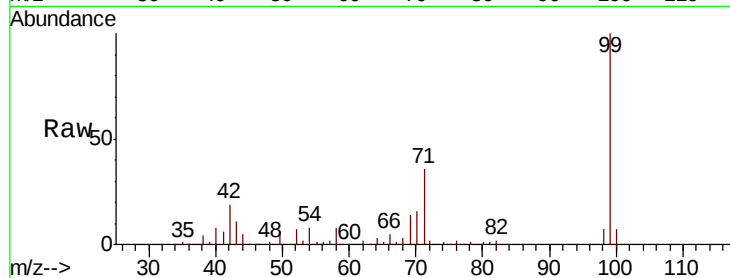
Tot Ion: 99 Resp: 494100

Ion Ratio Lower Upper

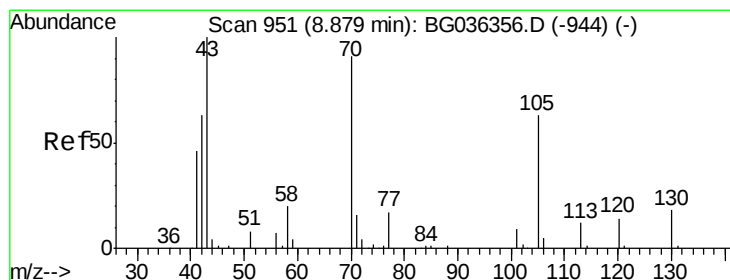
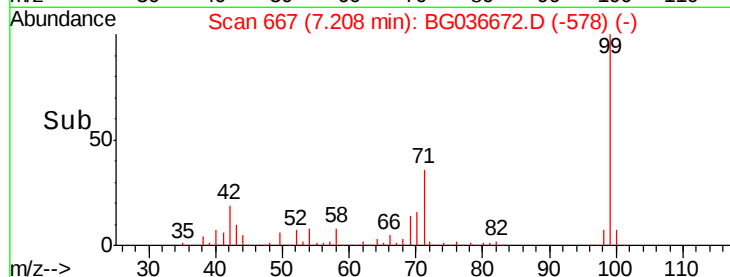
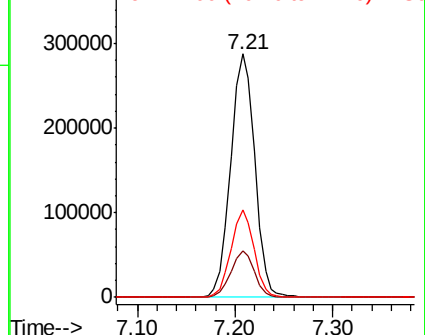
99 100

42 19.1 16.5 24.7

71 36.1 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: 14.660 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036672.D

Acq: 12 Sep 2018 1:19

Tgt Ion: 70 Resp: 57408

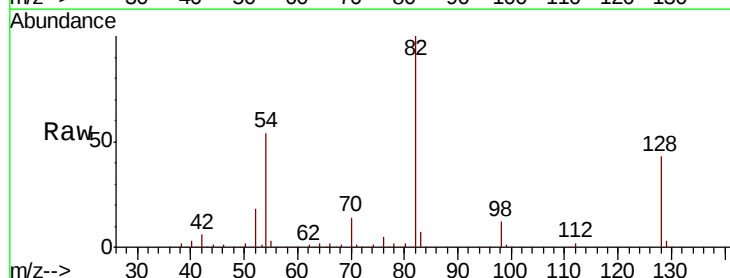
Ion Ratio Lower Upper

70 100

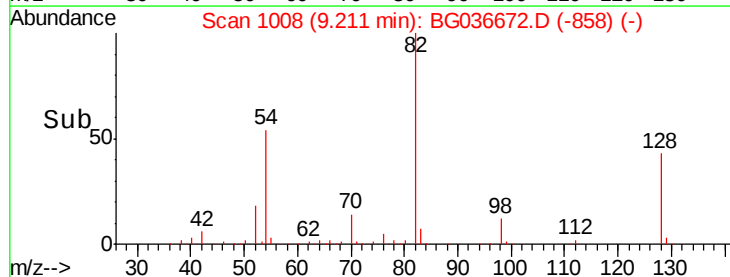
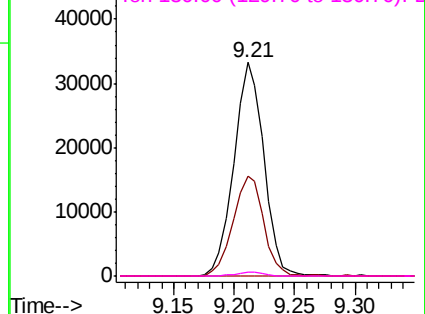
42 46.5 56.2 84.4#

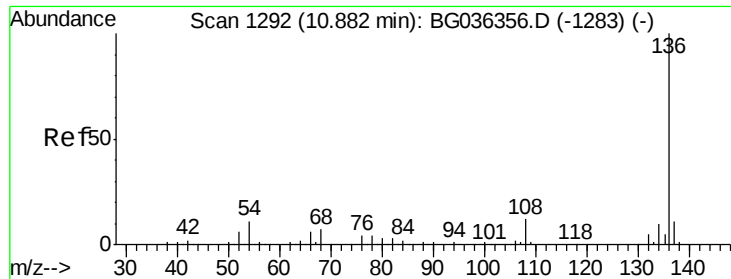
101 0.0 7.8 11.6#

130 2.0 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

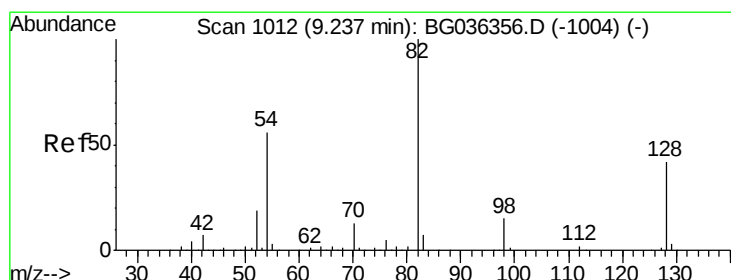
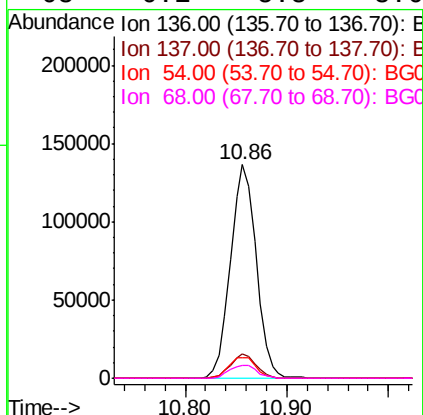
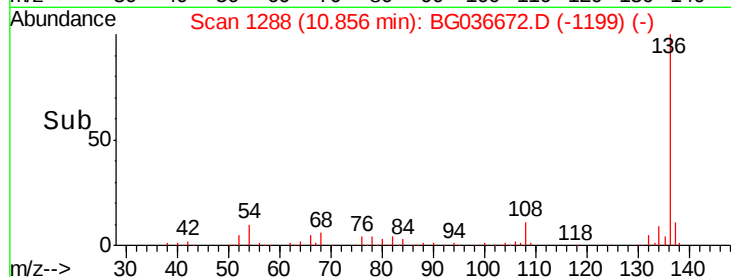
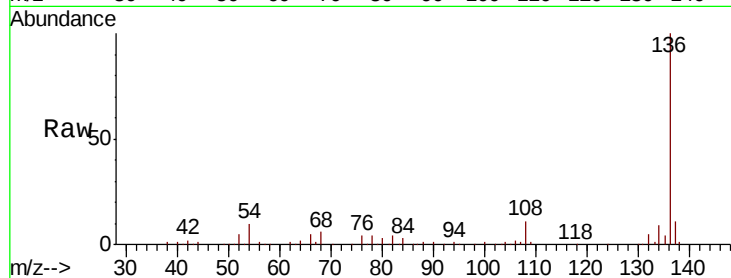




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036672.D
Acq: 12 Sep 2018 1:19

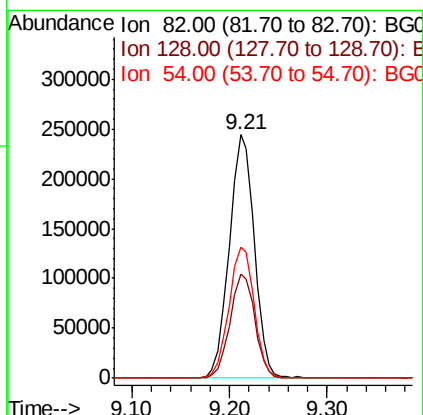
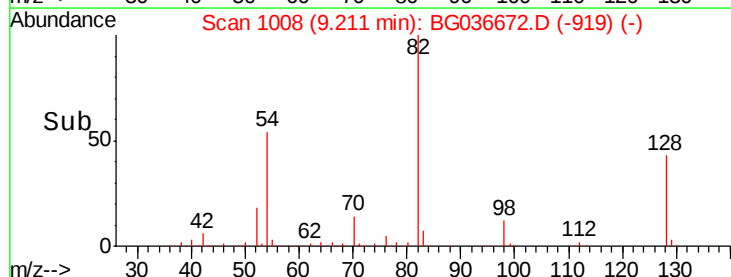
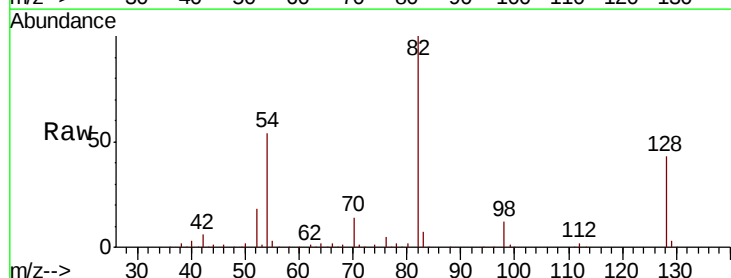
Instrument :
BNA_G
ClientSampleId :

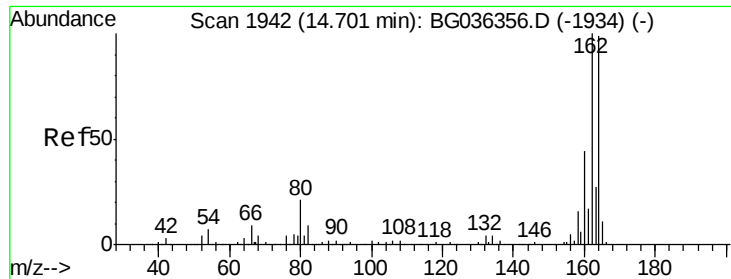
Tot Ion:136	Resp:	240300
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.8 13.2
54	9.9	9.2 13.8
68	6.1	5.8 8.6



#23
Nitrobenzene-d5
Concen: 98.026 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036672.D
Acq: 12 Sep 2018 1:19

Tgt Ion: 82	Resp:	434150
Ion Ratio	Lower	Upper
82	100	
128	42.8	33.3 49.9
54	53.8	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036672.D

Acq: 12 Sep 2018 1:19

Instrument :

BNA_G

ClientSampleId :

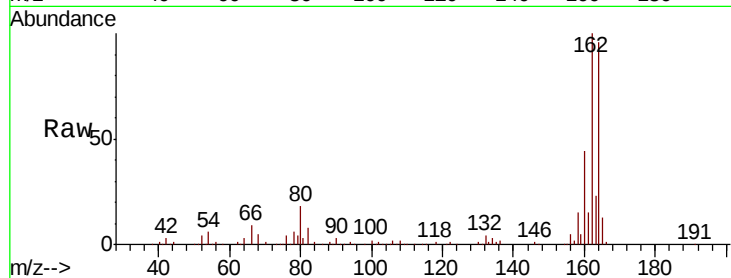
Tot Ion:164 Resp: 160560

Ion Ratio Lower Upper

164 100

162 103.9 80.7 121.1

160 46.0 35.3 52.9

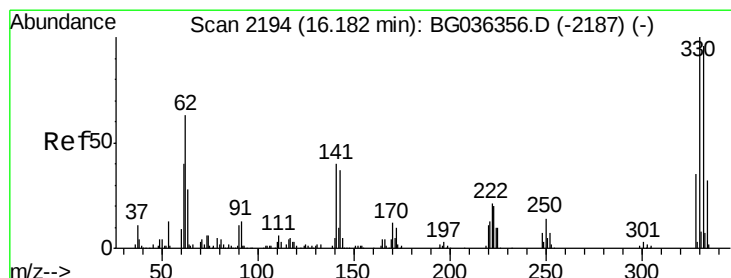
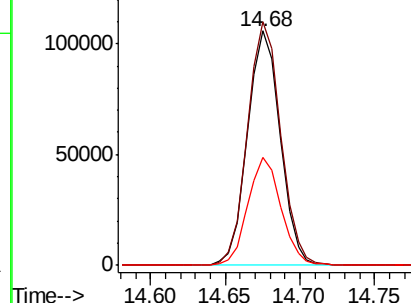
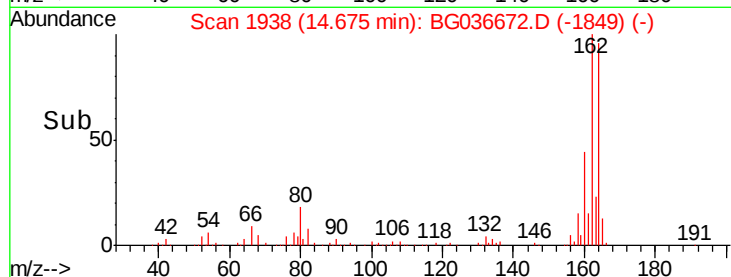


Abundance

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: 96.713 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036672.D

Acq: 12 Sep 2018 1:19

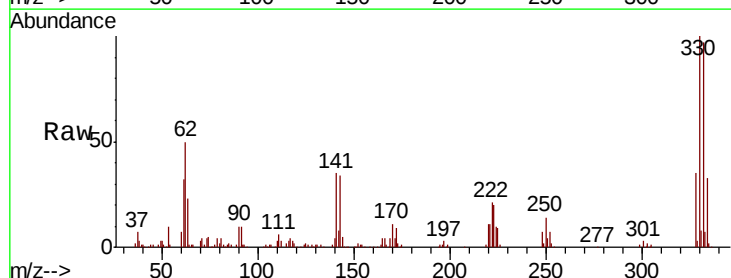
Tgt Ion:330 Resp: 185287

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.2

141 35.5 30.7 46.1

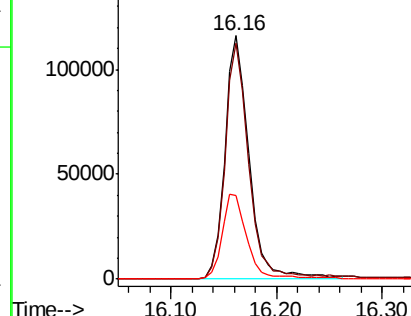
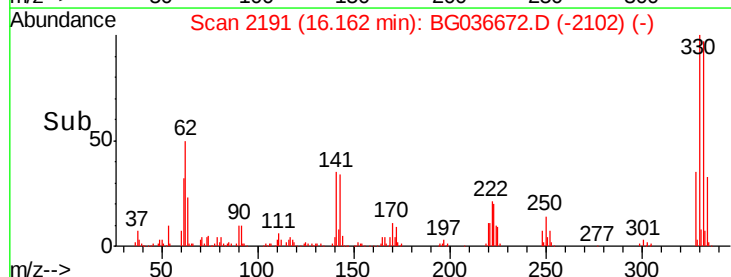


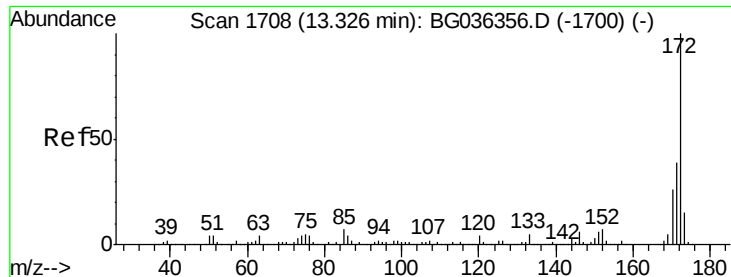
Abundance

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



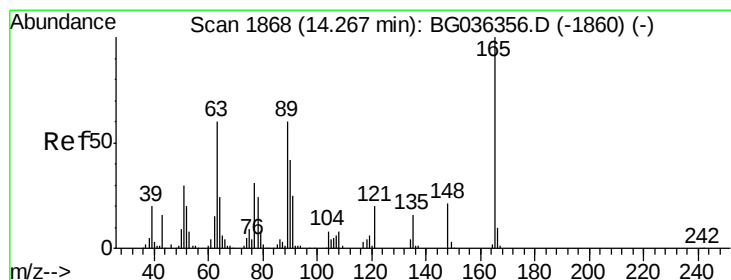
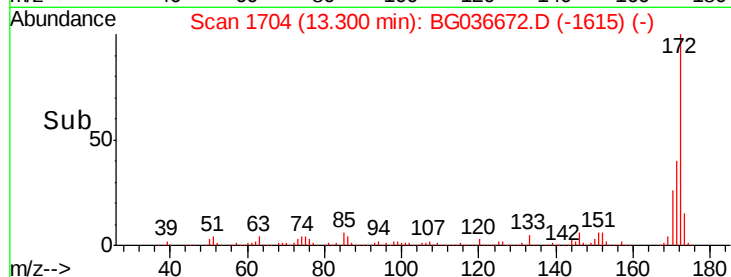
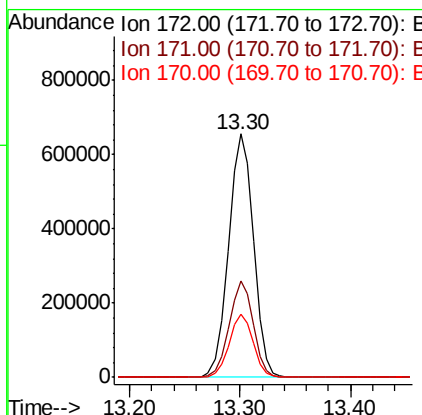
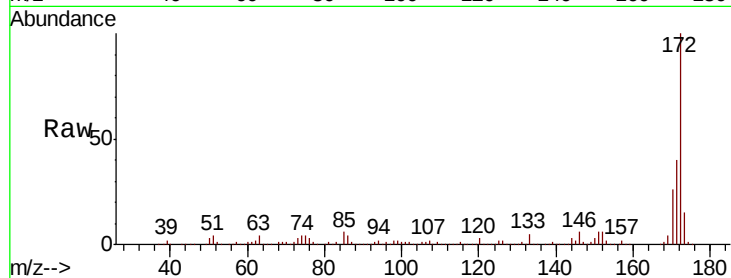


#44
 2-Fluorobiphenyl
 Concen: 92.494 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036672.D
 Acq: 12 Sep 2018 1:19

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1040112

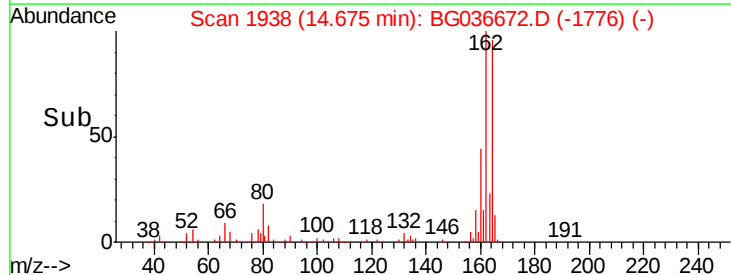
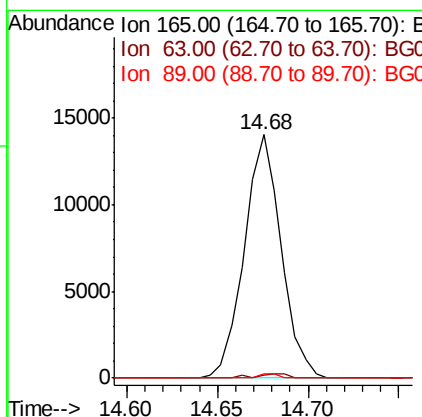
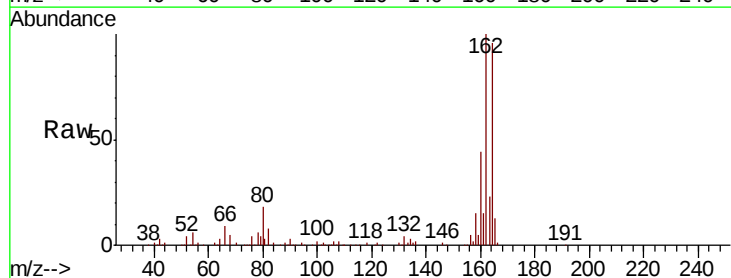
Ion	Ratio	Lower	Upper
172	100		
171	39.6	31.3	46.9
170	25.9	21.0	31.6

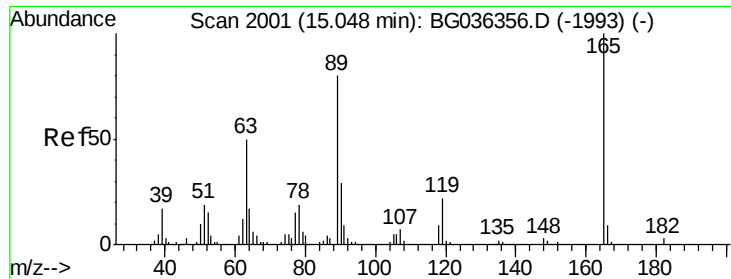


#50
 2,6-Dinitrotoluene
 Concen: 7.375 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. 0.42 min
 Lab File: BG036672.D
 Acq: 12 Sep 2018 1:19

Tgt Ion:165 Resp: 19897

Ion	Ratio	Lower	Upper
165	100		
63	1.1	50.1	75.1#
89	1.5	47.8	71.6#

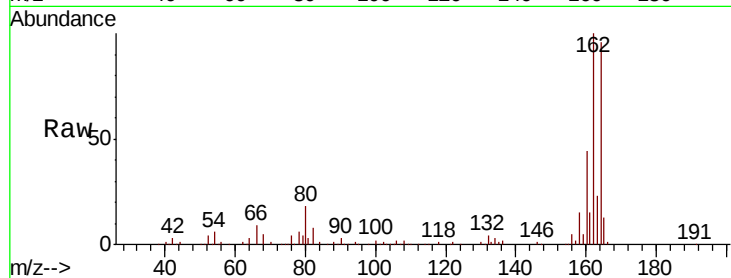




#56
 2,4-Dinitrotoluene
 Concen: 5.659 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036672.D
 Acq: 12 Sep 2018 1:19

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.1	60.1#
89	1.5	63.7	95.5#
182	0.0	2.5	3.7#



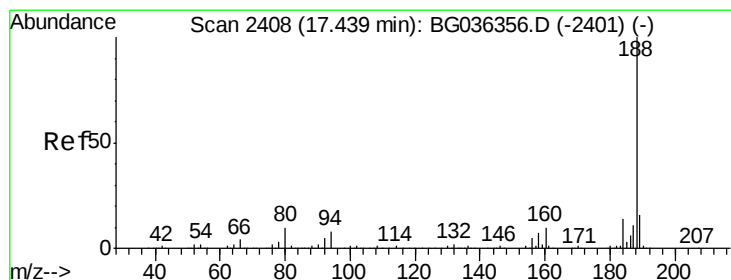
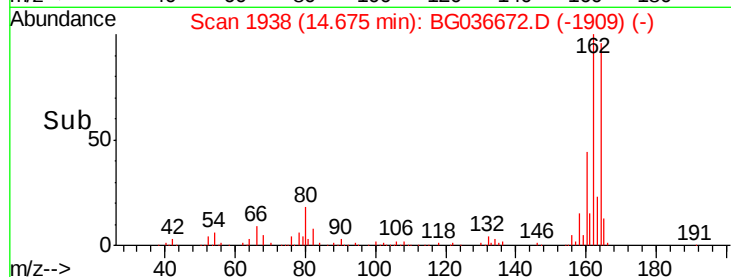
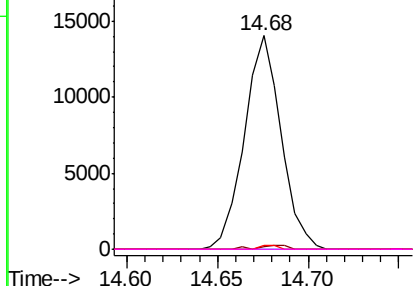
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

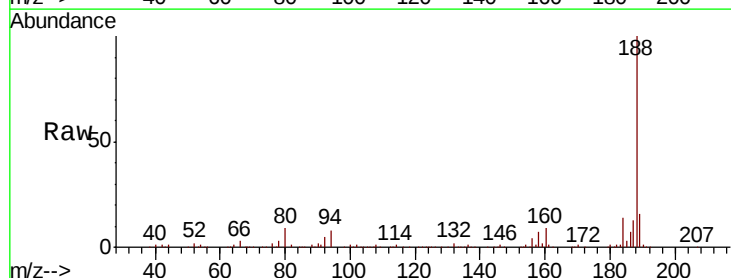
Ion 89.00 (88.70 to 89.70): BGC

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: BG036672.D
 Acq: 12 Sep 2018 1:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.7	10.1
80	9.3	8.1	12.1

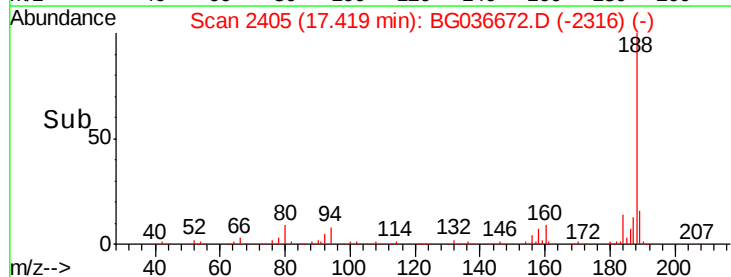
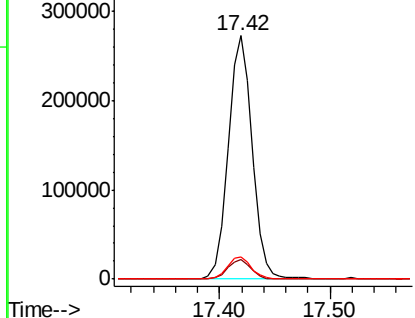


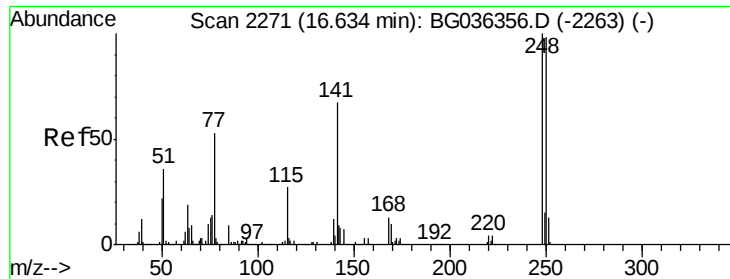
Abundance

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

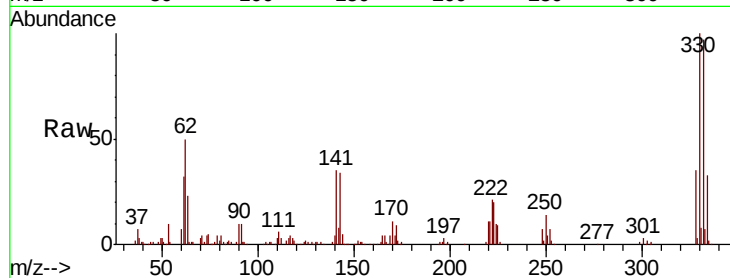




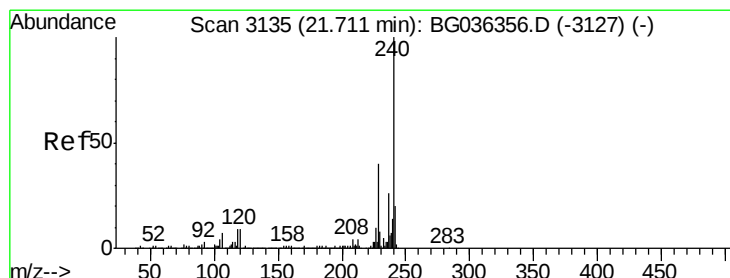
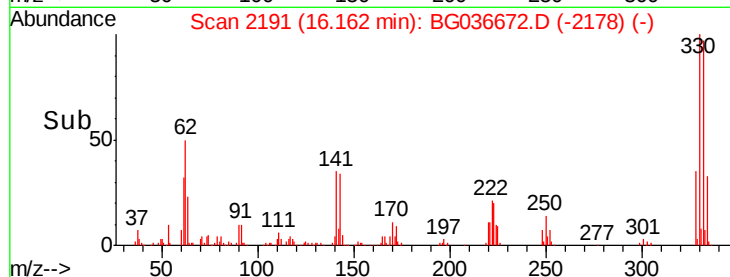
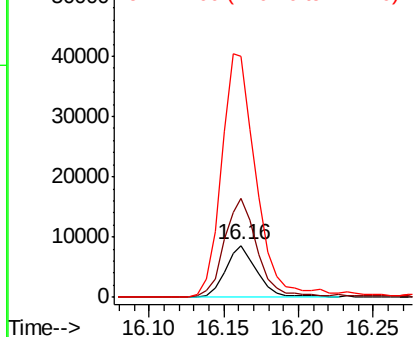
#66
4-Bromophenyl-phenylether
Concen: 2.618 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036672.D
Acq: 12 Sep 2018 1:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12712
Ion Ratio Lower Upper
248 100
250 189.6 78.1 117.1#
141 464.9 53.7 80.5#

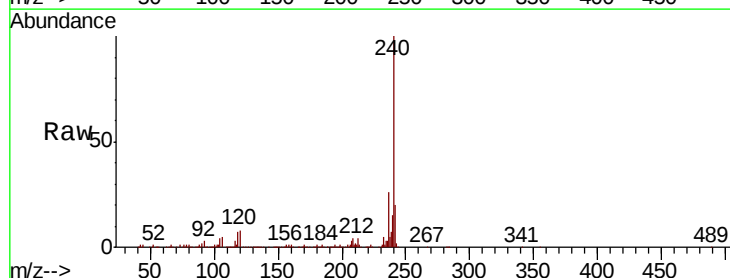


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

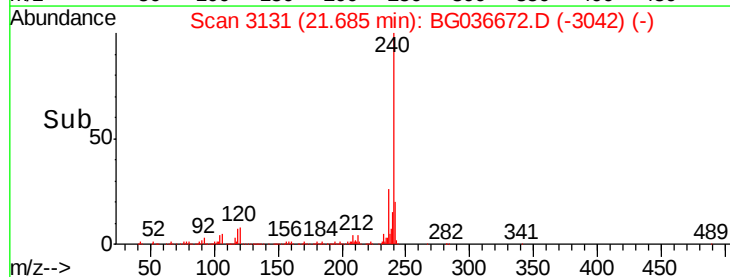
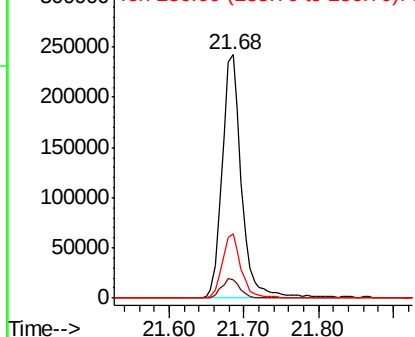


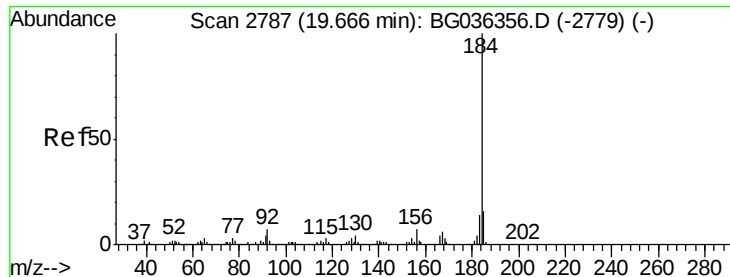
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036672.D
Acq: 12 Sep 2018 1:19

Tgt Ion:240 Resp: 440436
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 26.4 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: 2.270 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.38 min

Lab File: BG036672.D

Acq: 12 Sep 2018 1:19

Instrument :

BNA_G

ClientSampleId :

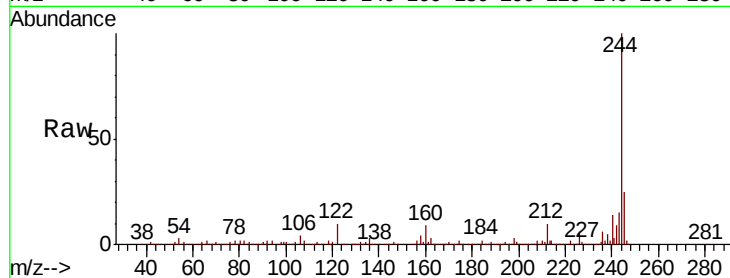
Tot Ion:184 Resp: 31897

Ion Ratio Lower Upper

184 100

185 16.4 12.6 18.8

183 9.5 10.9 16.3#

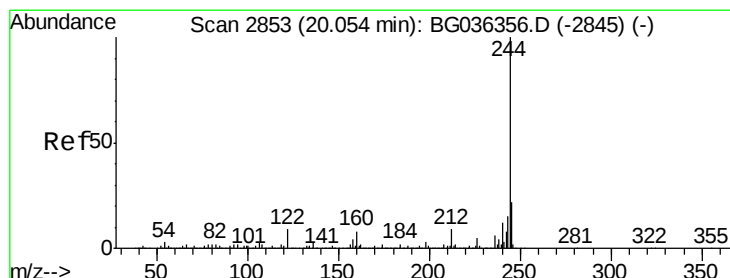
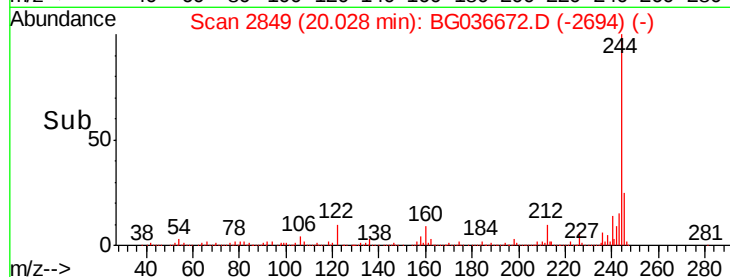
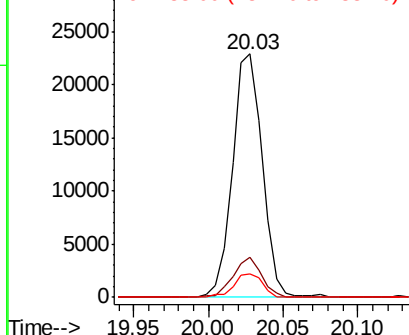


Abundance

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: 96.298 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036672.D

Acq: 12 Sep 2018 1:19

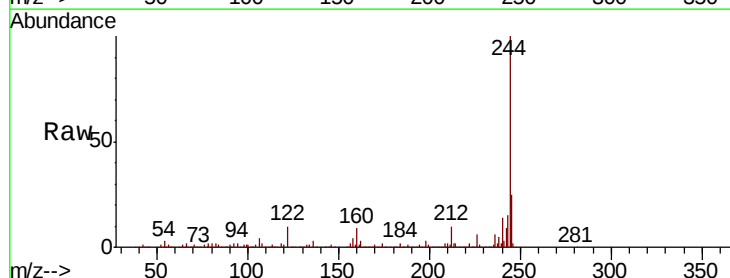
Tgt Ion:244 Resp: 1814594

Ion Ratio Lower Upper

244 100

212 9.5 7.0 10.6

122 9.6 7.1 10.7

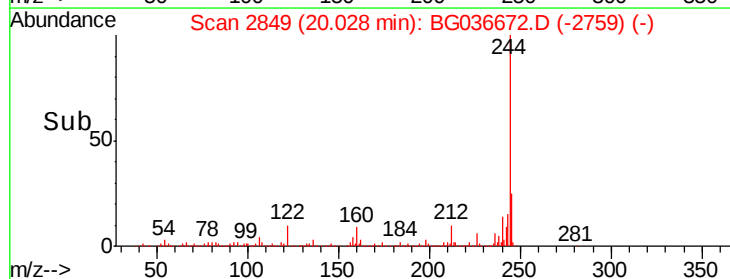
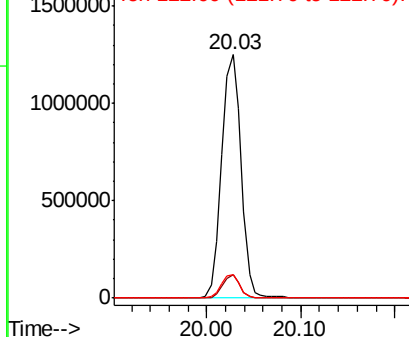


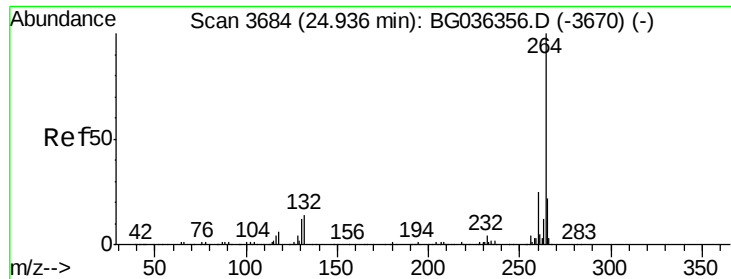
Abundance

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: BG036672.D
Acq: 12 Sep 2018 1:19

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.6	17.4	26.0

