

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036642.D
 Acq On : 11 Sep 2018 2:09
 Operator : JU/SJ
 Sample : J4830-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 03:27:27 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

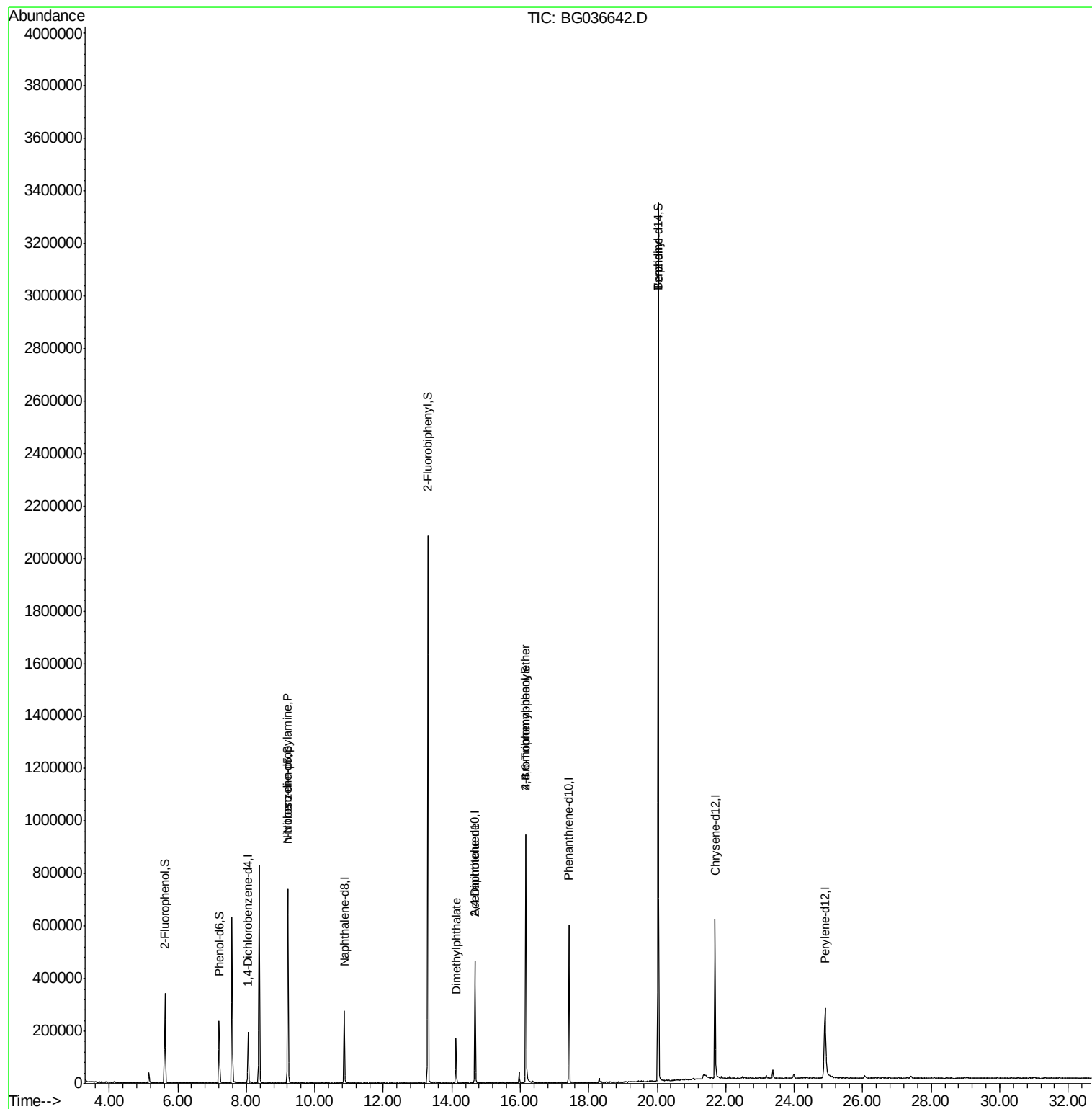
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55440	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	239289	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	158903	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	399831	20.00	ng	0.00
75) Chrysene-d12	21.68	240	404216	20.00	ng	-0.01
86) Perylene-d12	24.90	264	375765	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	149492	42.77	ng	0.00
7) Phenol-d6	7.21	99	136481	27.28	ng	-0.01
23) Nitrobenzene-d5	9.22	82	445477	101.01	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	185857	98.02	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	1066611	95.84	ng	0.00
78) Terphenyl-d14	20.03	244	1642162	94.96	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	60372	16.143	ng	# 70
49) Dimethylphthalate	14.12	163	117159	9.029	ng	# 99
56) 2,4-Dinitrotoluene	14.67	165	20629	5.928	ng	# 21
66) 4-Bromophenyl-phenylether	16.17	248	12749	2.723	ng	# 1
76) Benzidine	20.03	184	29178	2.263	ng	# 93

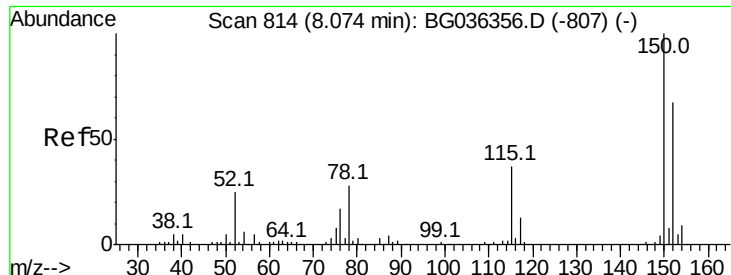
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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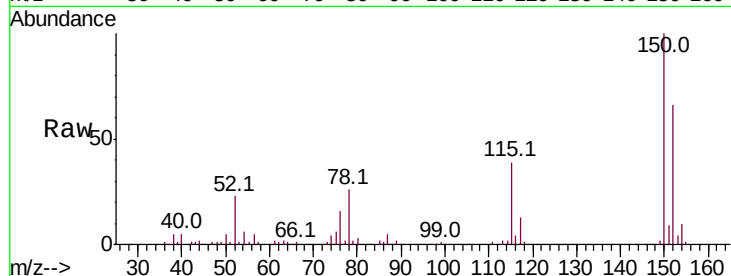


#1

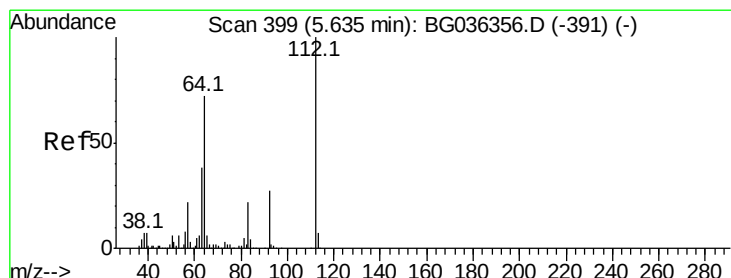
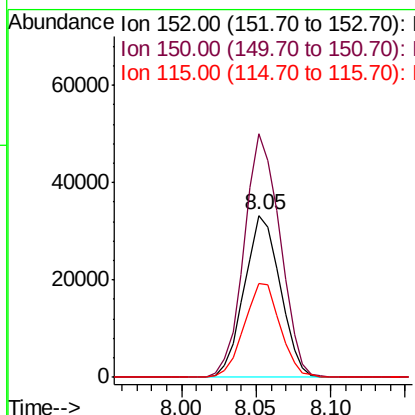
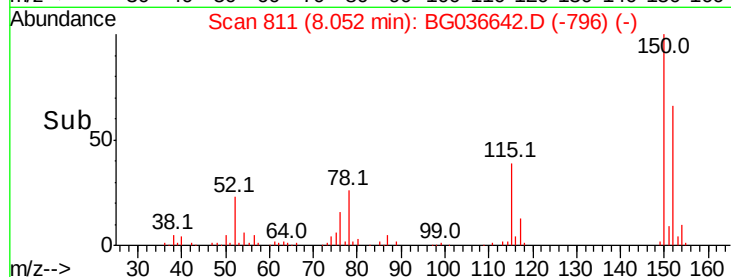
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.5	119.5	179.3
115	58.0	44.5	66.7



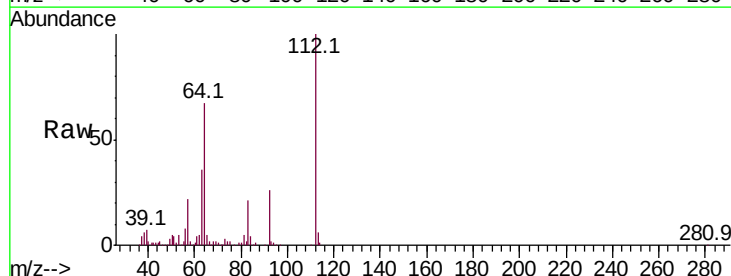
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



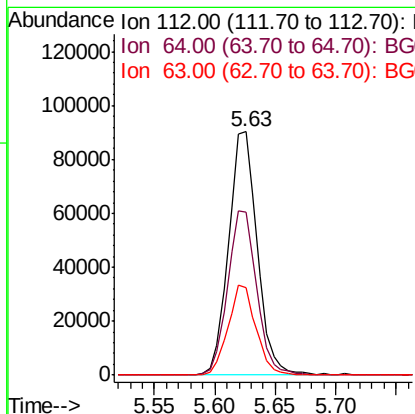
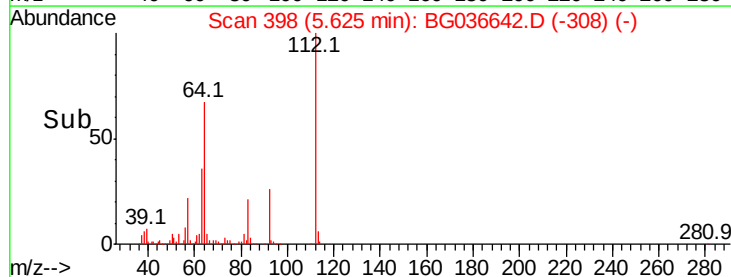
#5

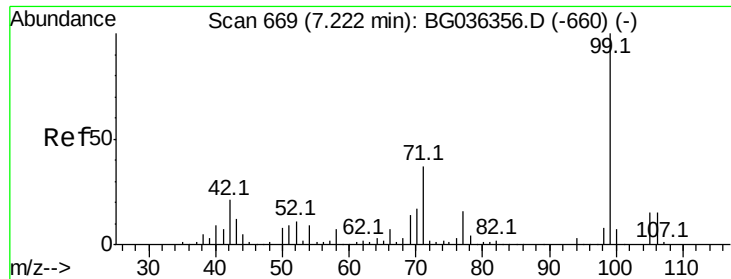
2-Fluorophenol
 Concen: 42.774 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	57.2	85.8
63	36.0	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: 27.275 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036642.D

Acq: 11 Sep 2018 2:09

Instrument :

BNA_G

ClientSampled :

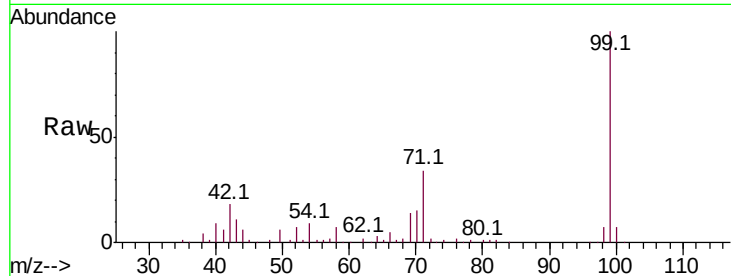
Tot Ion: 99 Resp: 136481

Ion Ratio Lower Upper

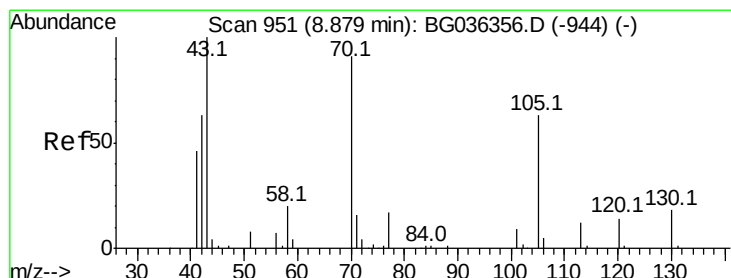
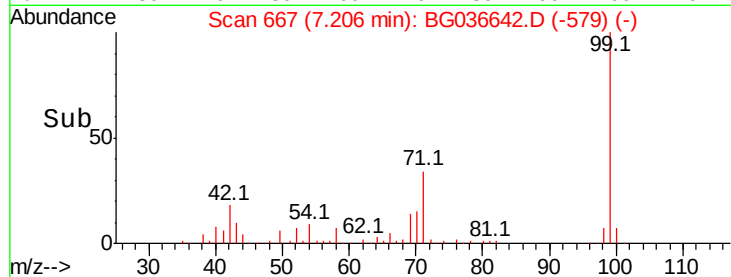
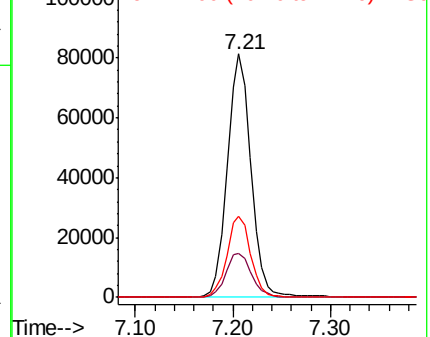
99 100

42 18.0 16.5 24.7

71 33.5 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: 16.143 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.35 min

Lab File: BG036642.D

Acq: 11 Sep 2018 2:09

Tgt Ion: 70 Resp: 60372

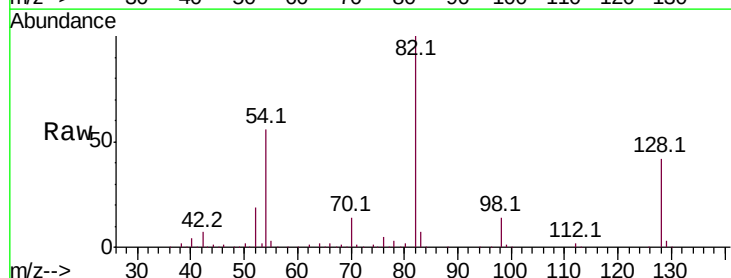
Ion Ratio Lower Upper

70 100

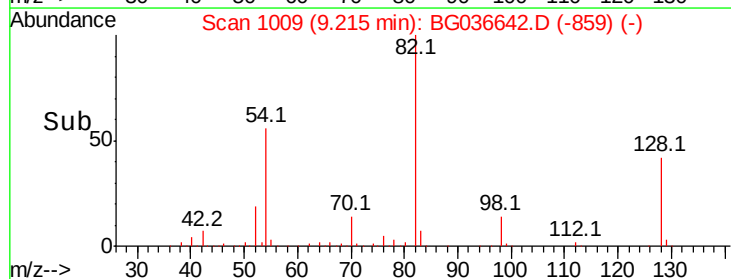
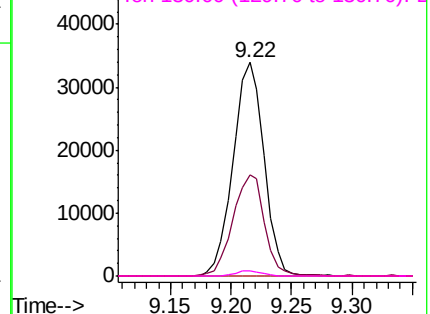
42 47.4 56.2 84.4#

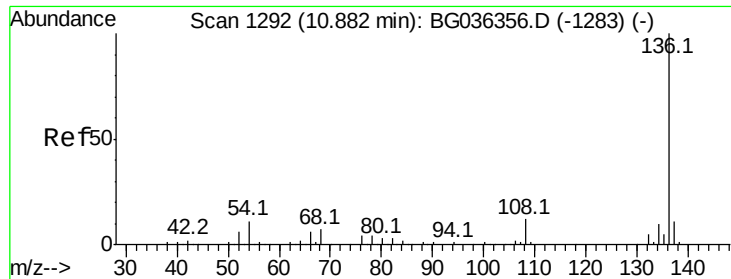
101 0.0 7.8 11.6#

130 2.5 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

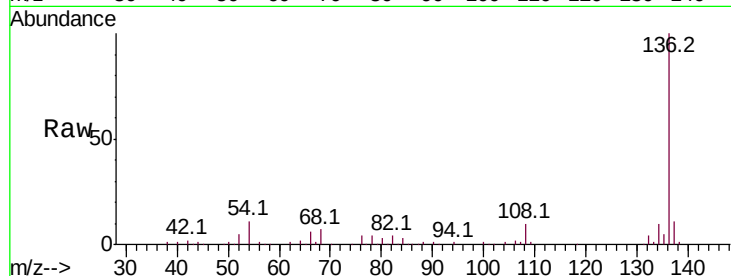




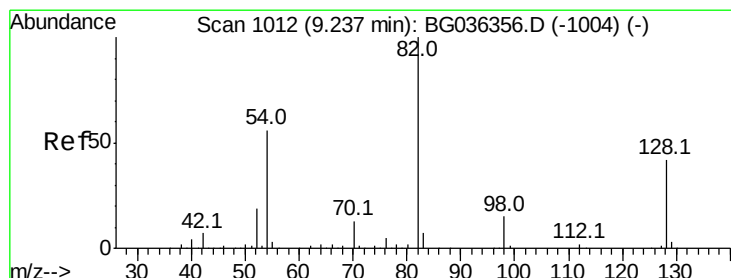
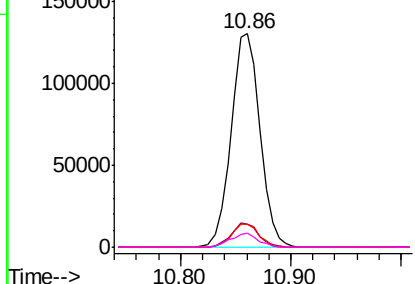
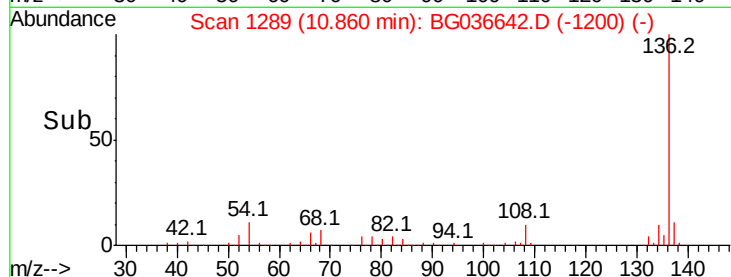
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BG036642.D
Acq: 11 Sep 2018 2:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	239289
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.7	9.2	13.8
68	6.8	5.8	8.6

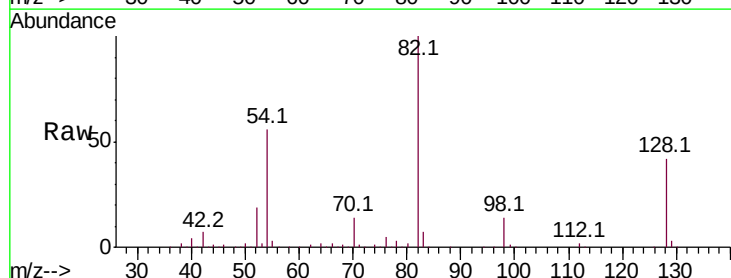


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

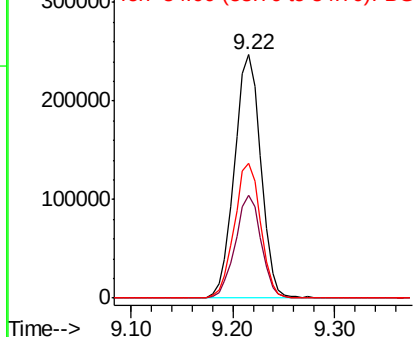
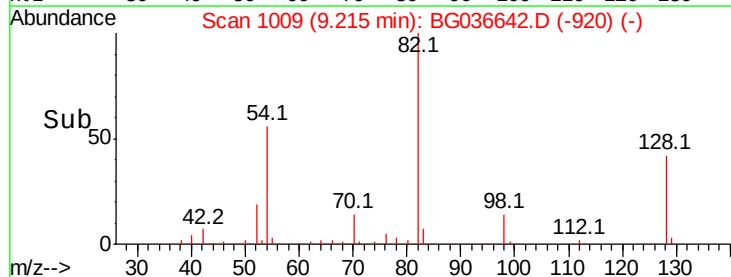


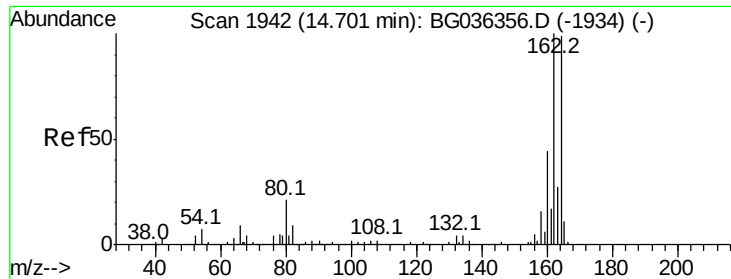
#23
Nitrobenzene-d5
Concen: 101.008 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BG036642.D
Acq: 11 Sep 2018 2:09

Tgt Ion:	82	Resp:	445477
Ion	Ratio	Lower	Upper
82	100		
128	42.3	33.3	49.9
54	55.5	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
300000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

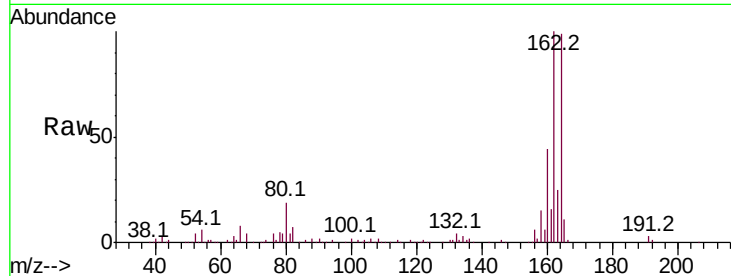




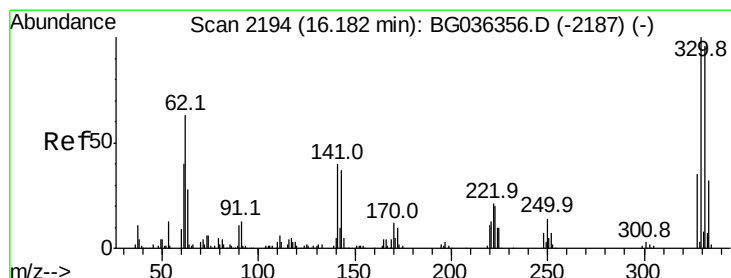
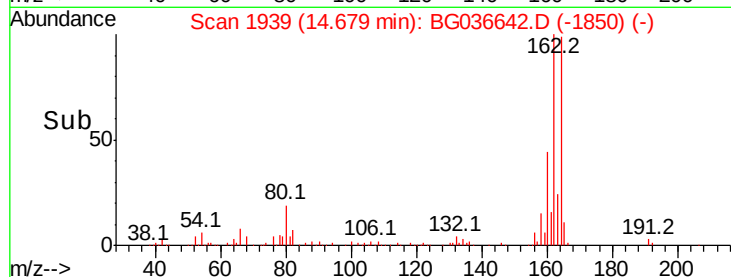
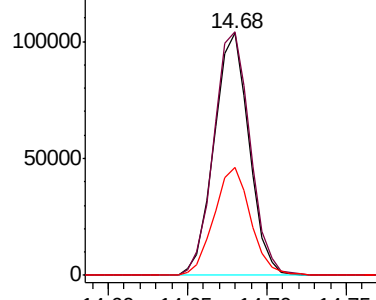
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:164 Resp: 158903
 Ion Ratio Lower Upper
 164 100
 162 100.7 80.7 121.1
 160 44.7 35.3 52.9

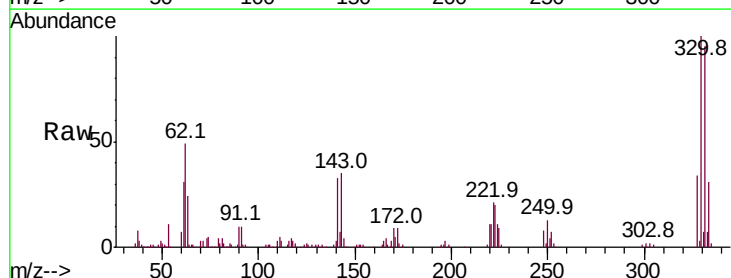


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

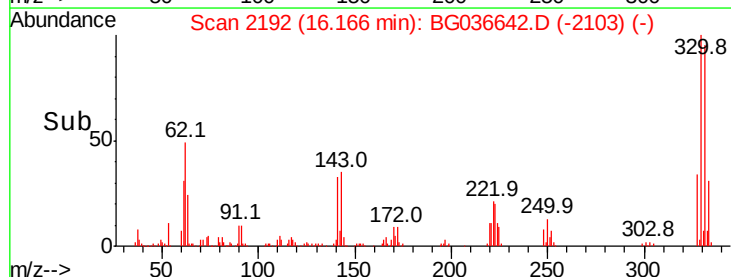
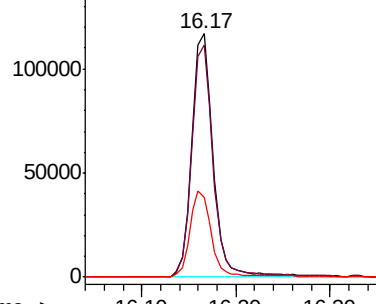


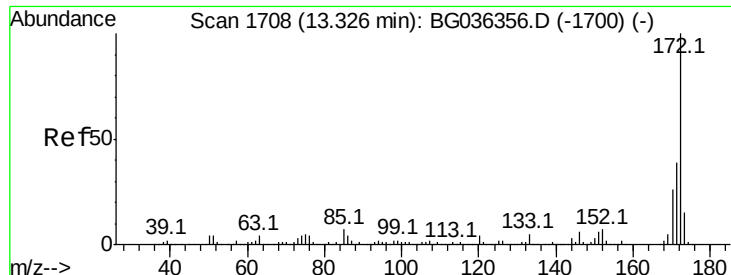
#41
 2,4,6-Tribromophenol
 Concen: 98.022 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Tgt Ion:330 Resp: 185857
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.4 113.2
 141 35.3 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



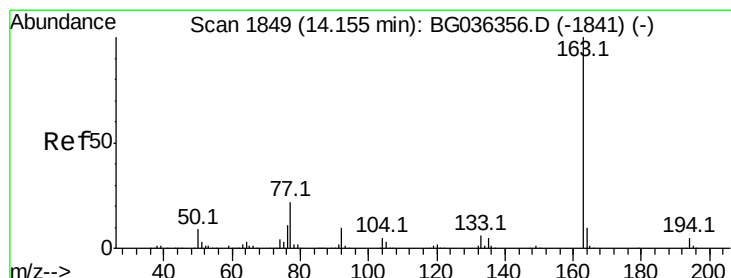
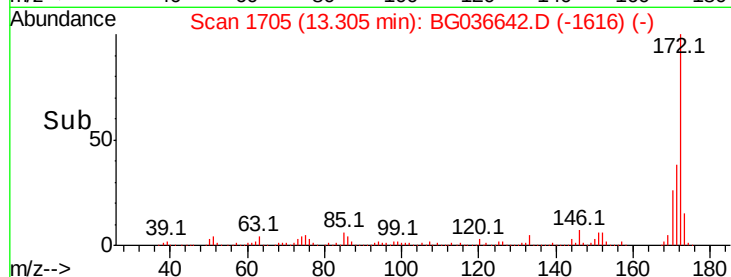
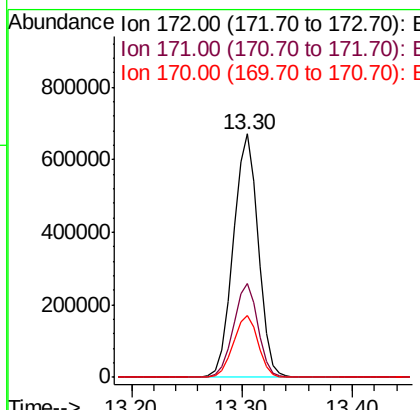
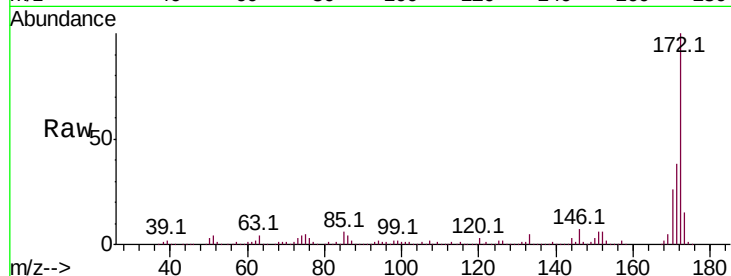


#44
 2-Fluorobiphenyl
 Concen: 95.840 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1066611

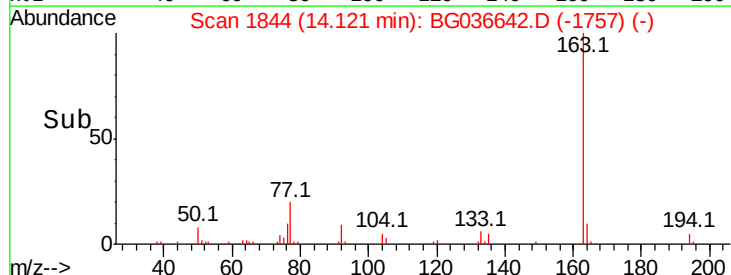
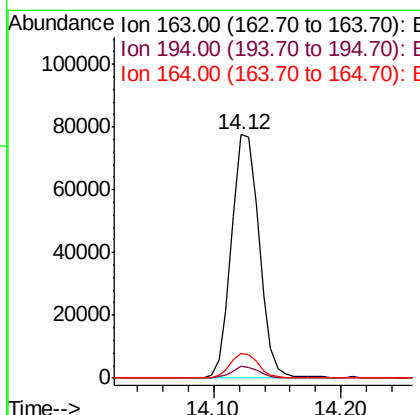
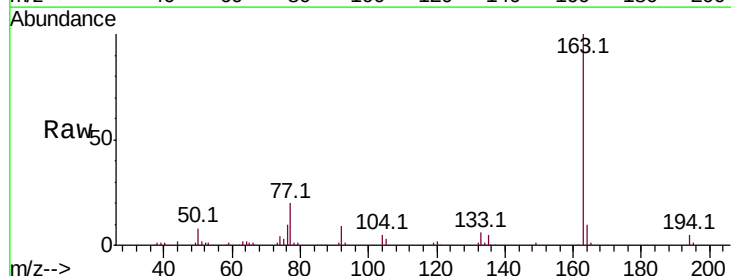
Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.7	21.0	31.6

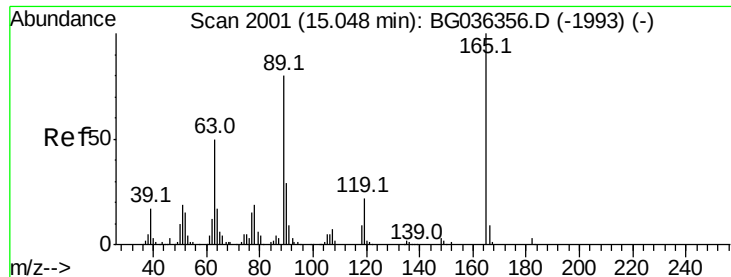


#49
 Dimethylphthalate
 Concen: 9.029 ng
 RT: 14.12 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Tgt Ion:163 Resp: 117159

Ion	Ratio	Lower	Upper
163	100		
194	4.8	4.0	6.0
164	9.9	8.1	12.1

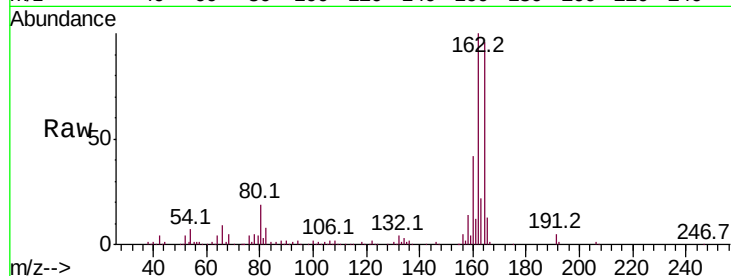




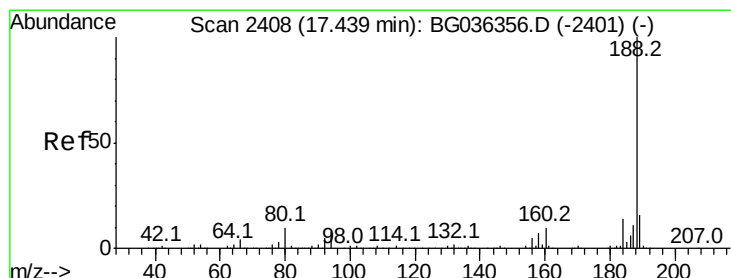
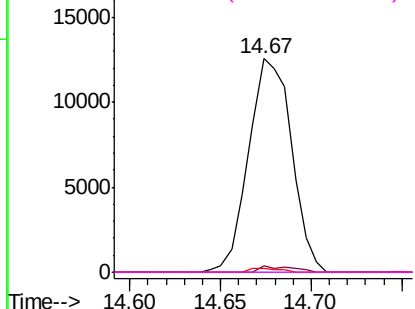
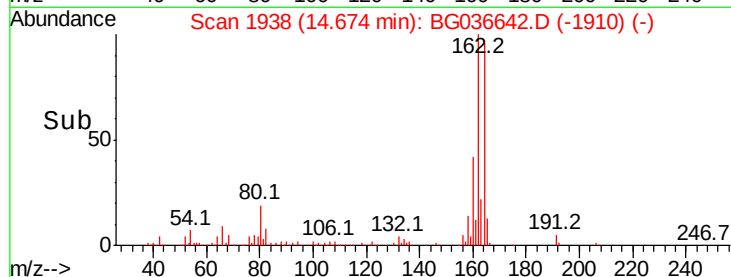
#56
 2,4-Dinitrotoluene
 Concen: 5.928 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 20629
 Ion Ratio Lower Upper
 165 100
 63 2.8 40.1 60.1#
 89 2.0 63.7 95.5#
 182 0.0 2.5 3.7#

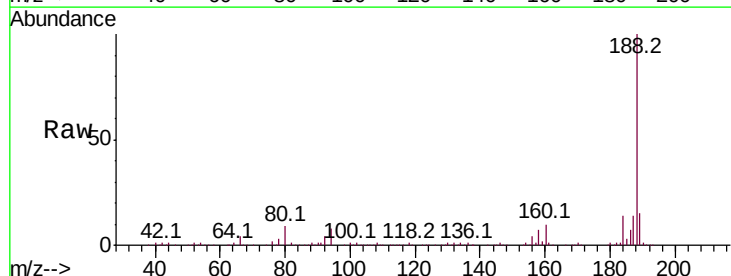


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

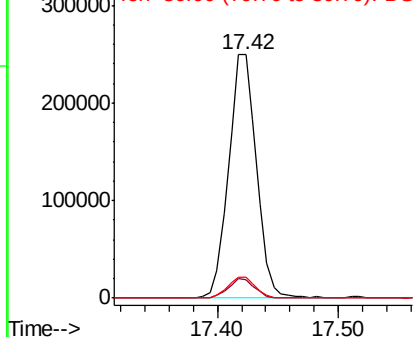
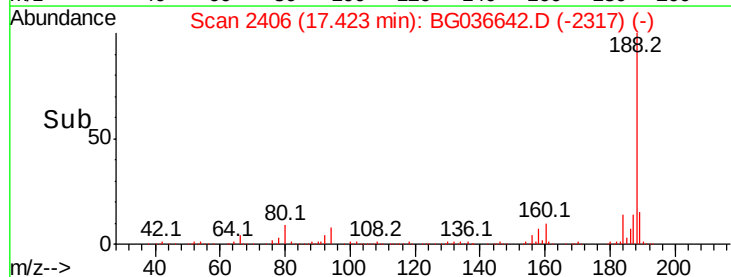


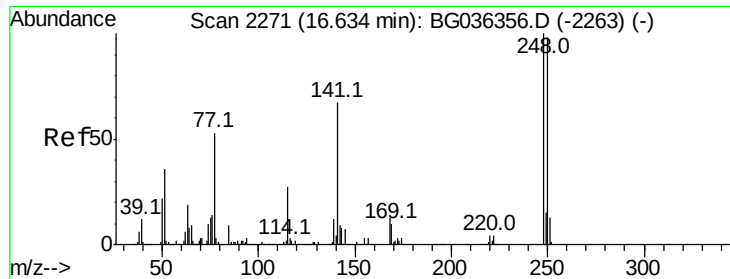
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Tgt Ion:188 Resp: 399831
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.7 10.1
 80 8.6 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

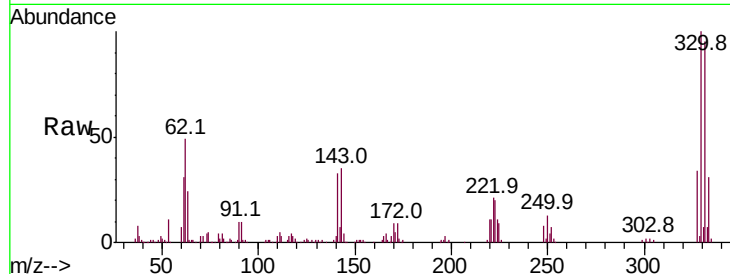




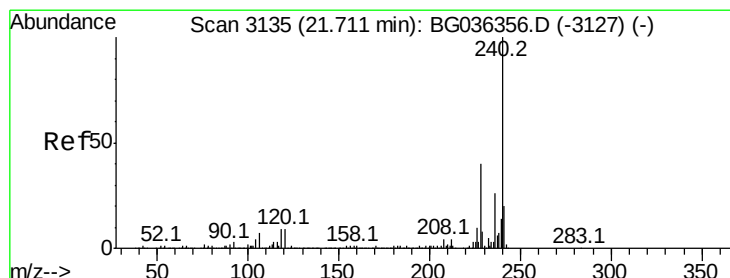
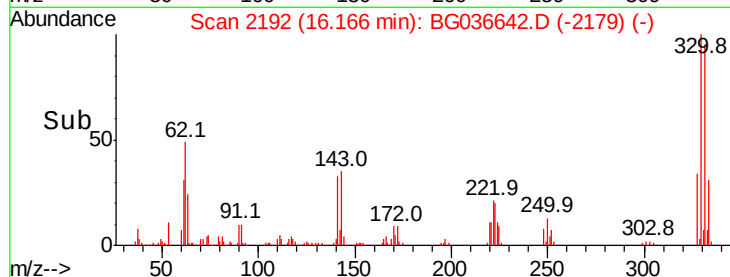
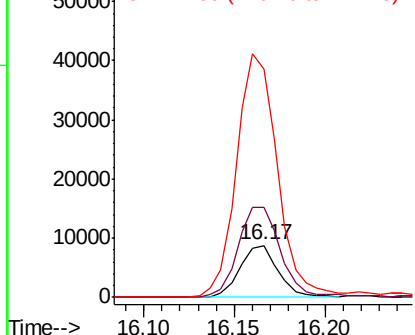
#66
 4-Bromophenyl-phenylether
 Concen: 2.723 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.45 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 12749
 Ion Ratio Lower Upper
 248 100
 250 172.0 78.1 117.1#
 141 437.5 53.7 80.5#

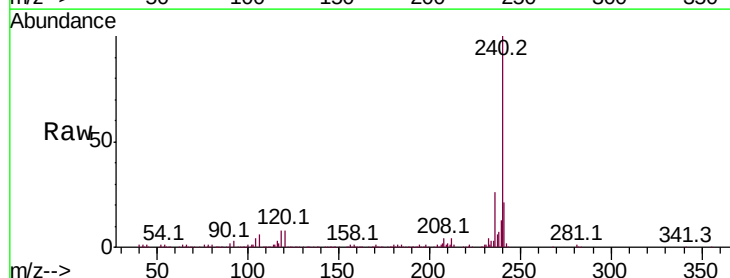


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

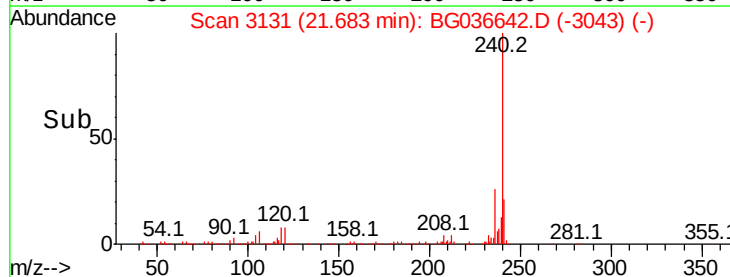
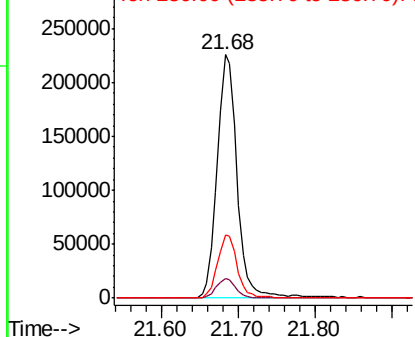


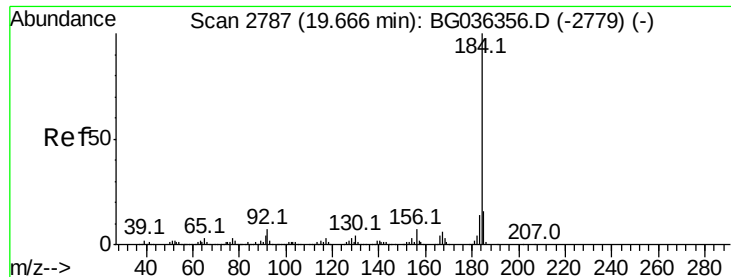
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Tgt Ion:240 Resp: 404216
 Ion Ratio Lower Upper
 240 100
 120 7.8 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: 2.263 ng

RT: 20.03 min Scan# 2850

Delta R.T. 0.38 min

Lab File: BG036642.D

Acq: 11 Sep 2018 2:09

Instrument :

BNA_G

ClientSampled :

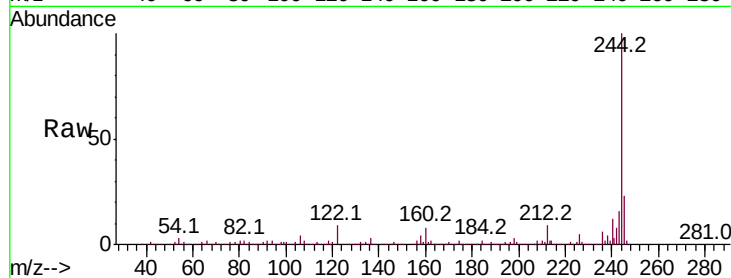
Tot Ion:184 Resp: 29178

Ion Ratio Lower Upper

184 100

185 17.9 12.6 18.8

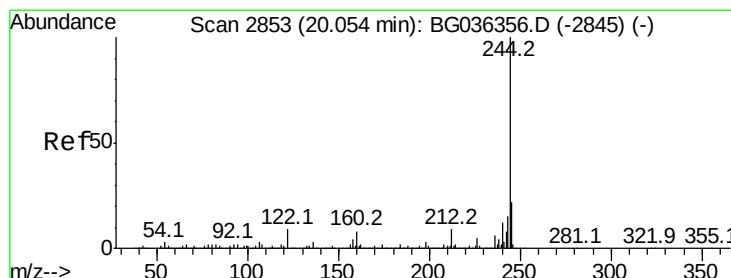
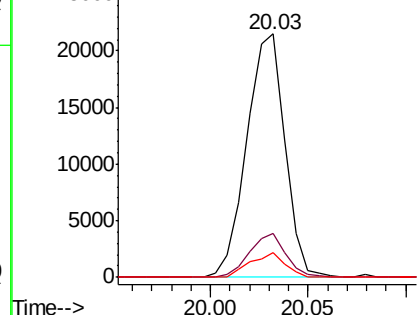
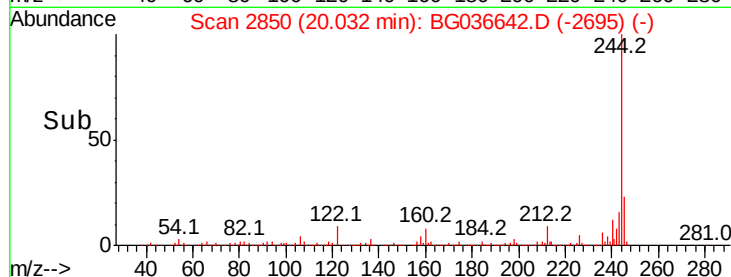
183 10.0 10.9 16.3#



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: 94.957 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036642.D

Acq: 11 Sep 2018 2:09

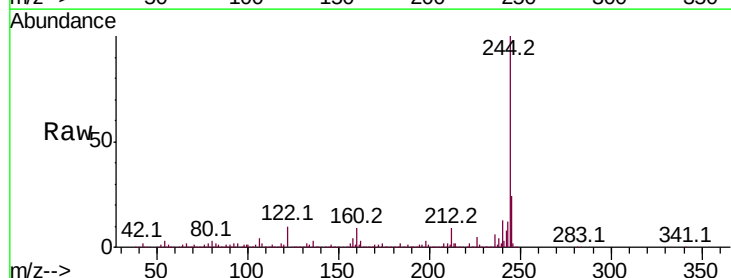
Tgt Ion:244 Resp: 1642162

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

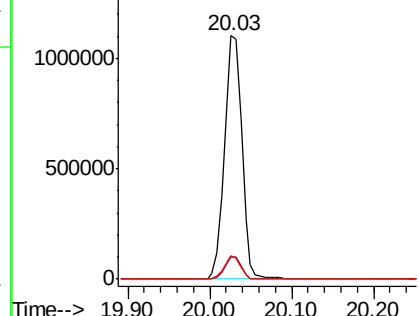
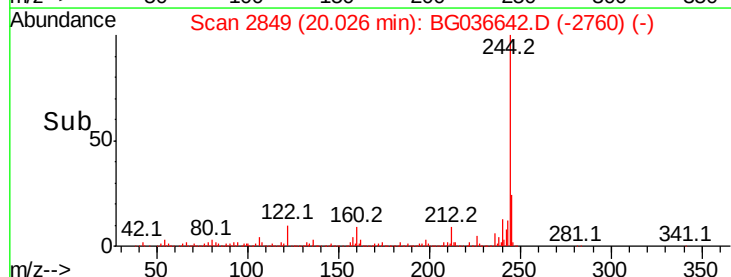
122 9.6 7.1 10.7

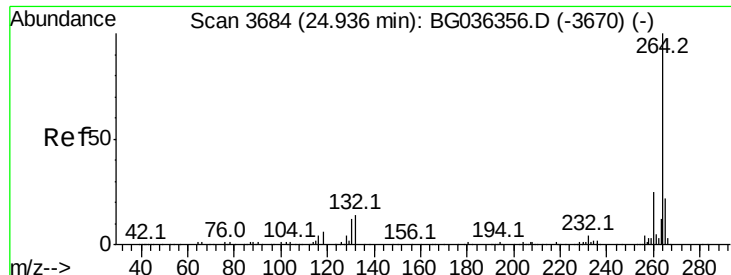


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

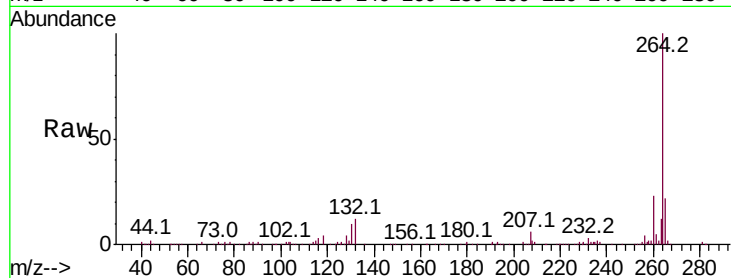




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.90 min Scan# 3678
 Delta R.T. -0.01 min
 Lab File: BG036642.D
 Acq: 11 Sep 2018 2:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	264	Resp:	375765
Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	22.2	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

