

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036821.D
 Acq On : 19 Sep 2018 14:38
 Operator : JU/SJ
 Sample : PB112901BL
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 15:14:02 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

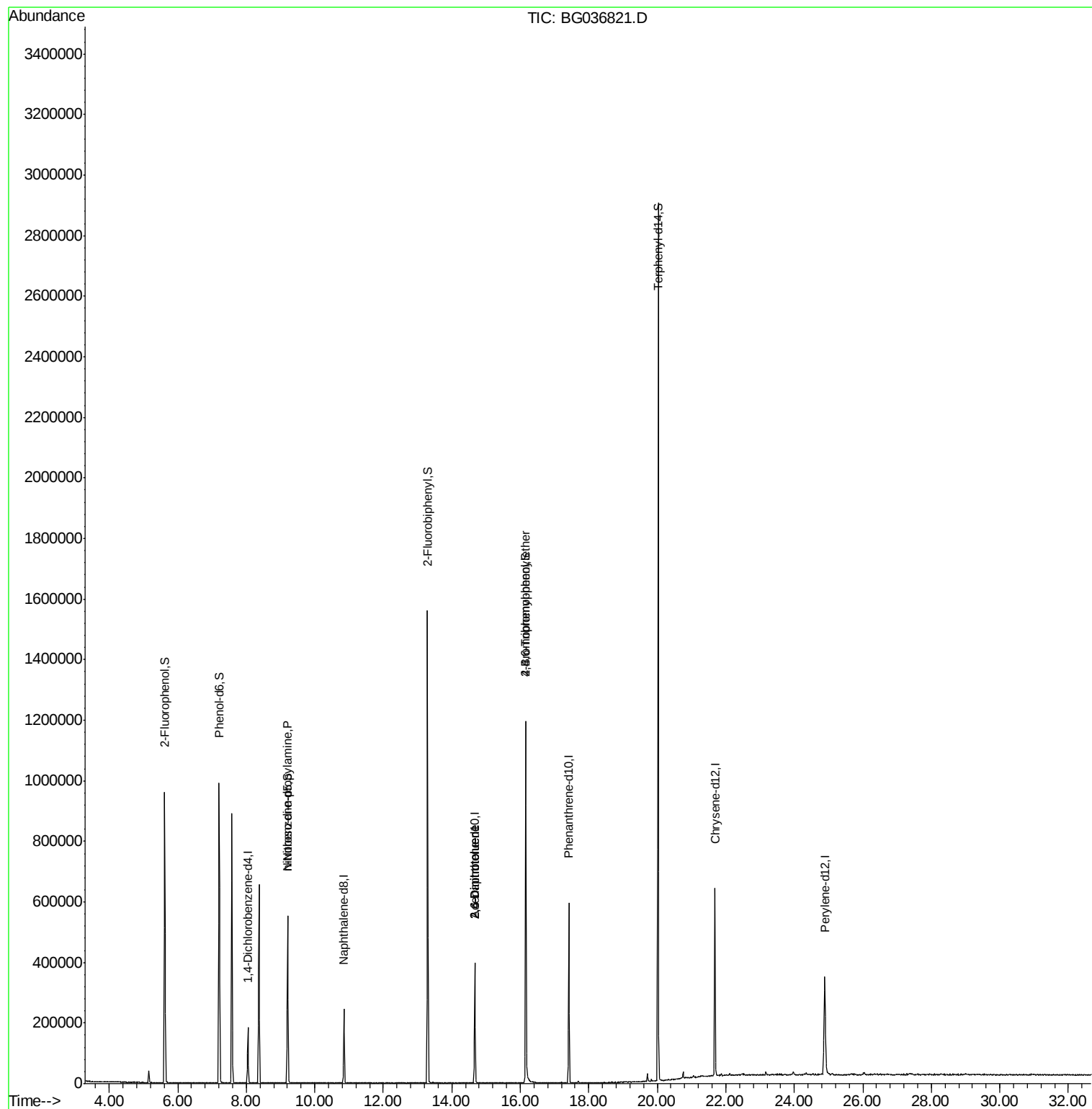
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49934	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	206969	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	142075	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	377204	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	380478	20.00	ng	-0.01
86) Perylene-d12	24.89	264	368463	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	393142	124.89	ng	0.00
7) Phenol-d6	7.21	99	561420	124.57	ng	-0.01
23) Nitrobenzene-d5	9.21	82	340517	89.27	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	231301	136.44	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	816728	82.08	ng	-0.02
78) Terphenyl-d14	20.03	244	1387266	85.22	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	45087	13.386	ng	# 68
50) 2,6-Dinitrotoluene	14.67	165	17659	7.397	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	17659	5.676	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	16458	3.727	ng	# 1

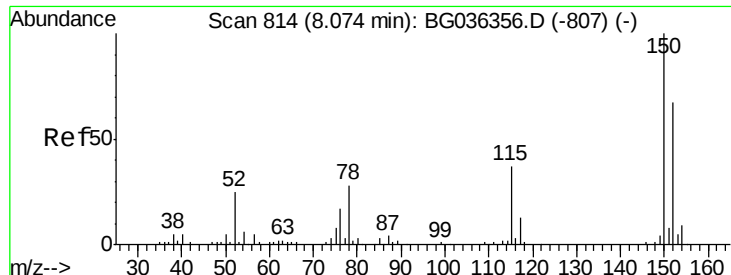
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036821.D
Acq On : 19 Sep 2018 14:38
Operator : JU/SJ
Sample : PB112901BL
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 19 15:14:02 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

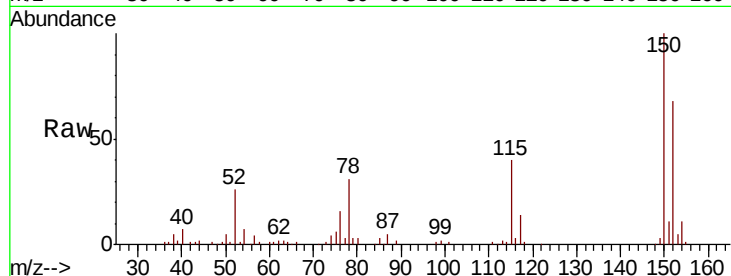




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036821.D
 Acq: 19 Sep 2018 14:38

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	119.5	179.3
115	58.6	44.5	66.7

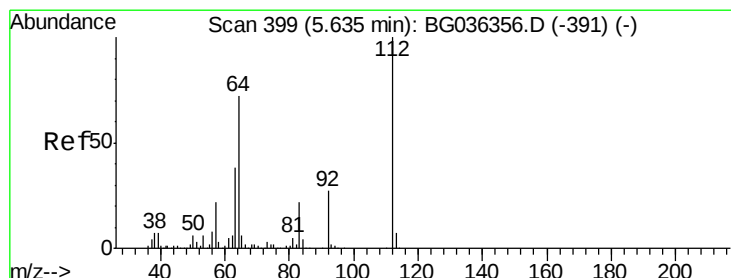
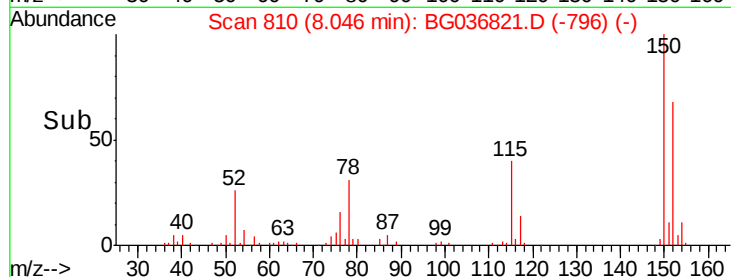
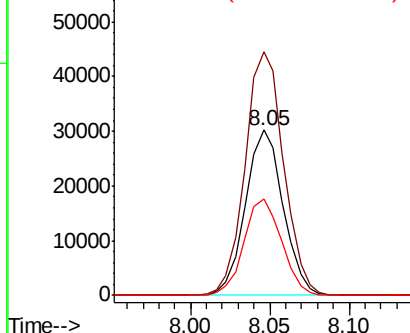


Abundance

Ion 152.00 (151.70 to 152.70): E

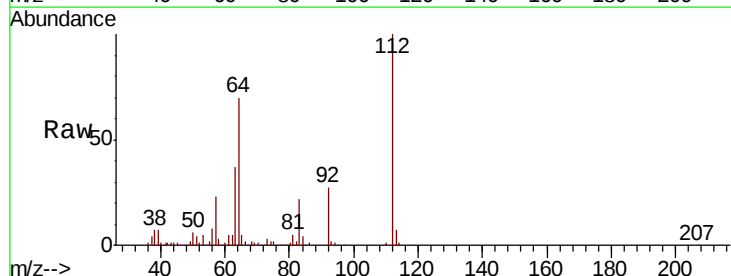
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 124.893 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.01 min
 Lab File: BG036821.D
 Acq: 19 Sep 2018 14:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.1	57.2	85.8
63	37.5	30.8	46.2

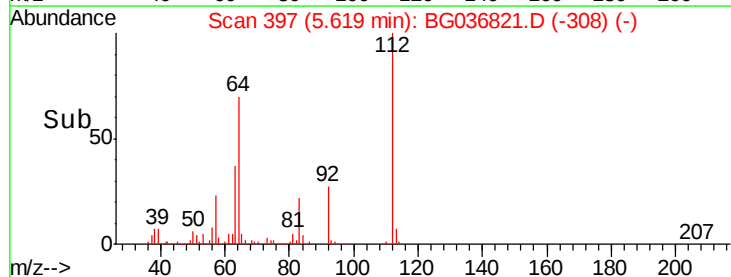
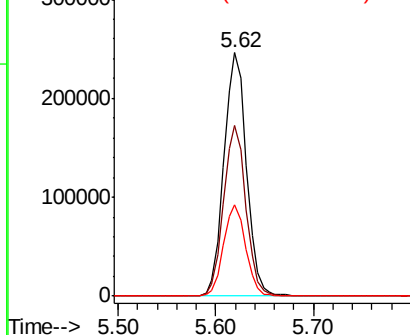


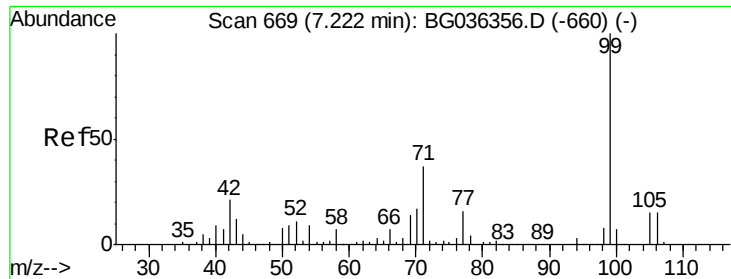
Abundance

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: 124.568 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036821.D

Acq: 19 Sep 2018 14:38

Instrument :

BNA_G

ClientSampleId :

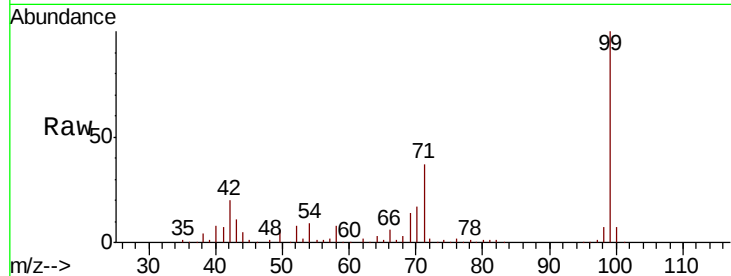
Tot Ion: 99 Resp: 561420

Ion Ratio Lower Upper

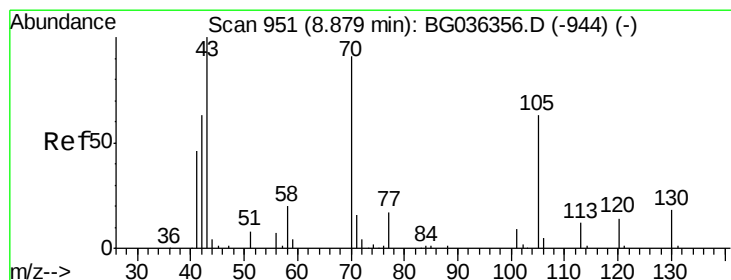
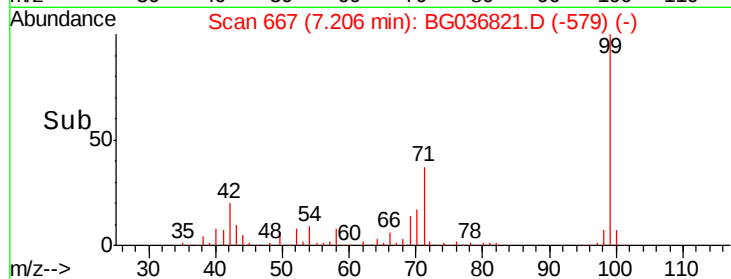
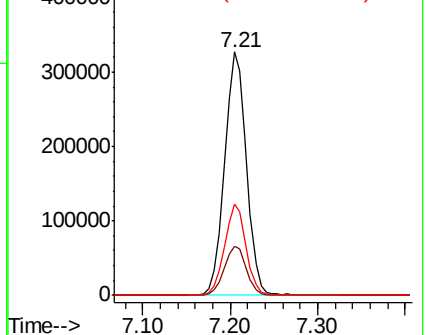
99 100

42 20.4 16.5 24.7

71 37.3 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: 13.386 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036821.D

Acq: 19 Sep 2018 14:38

Tgt Ion: 70 Resp: 45087

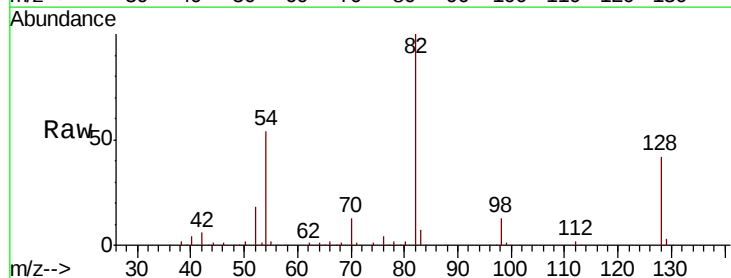
Ion Ratio Lower Upper

70 100

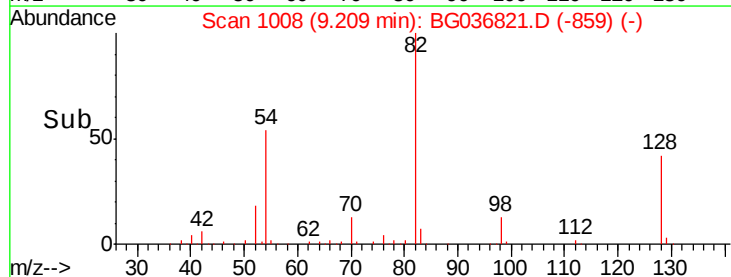
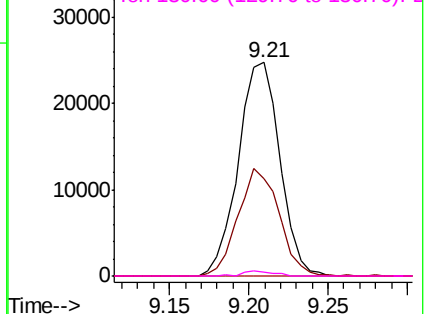
42 45.3 56.2 84.4#

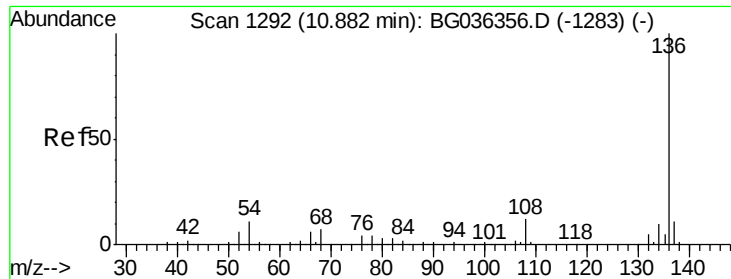
101 0.0 7.8 11.6#

130 1.9 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

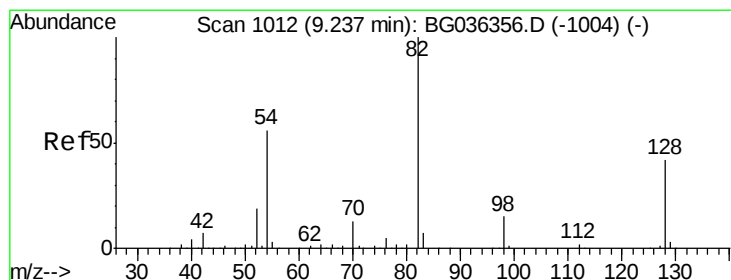
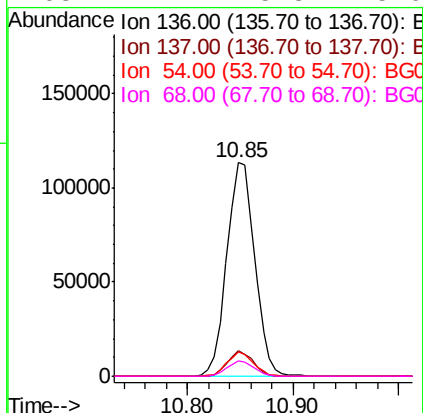
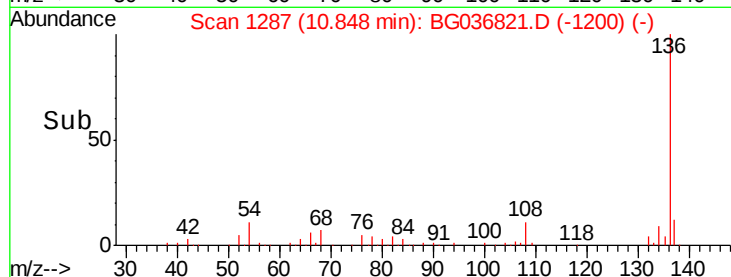
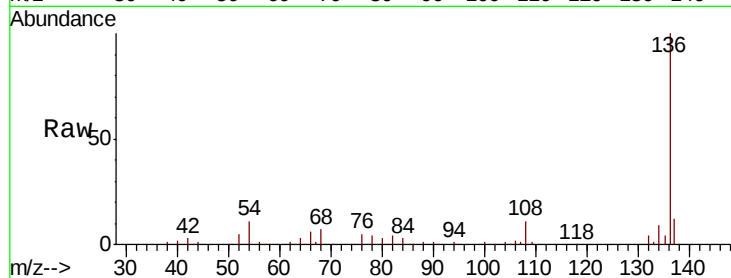




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036821.D
Acq: 19 Sep 2018 14:38

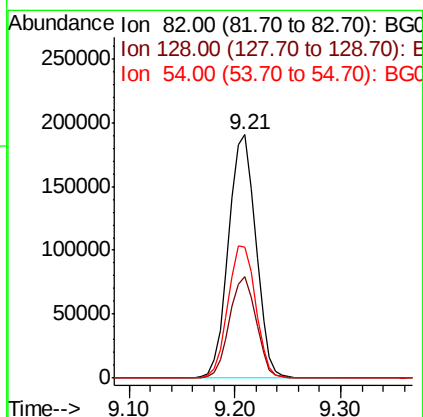
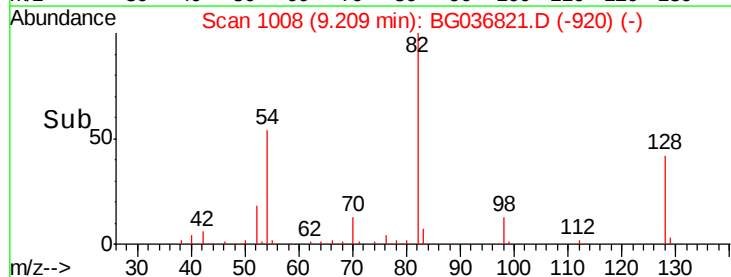
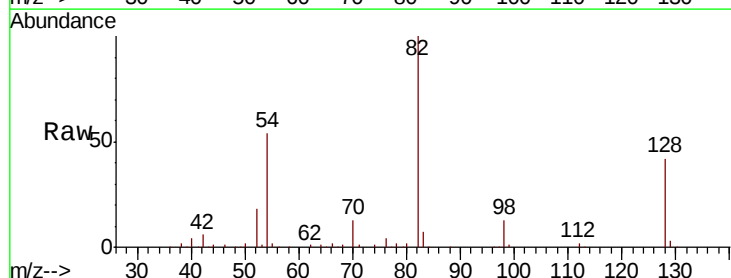
Instrument :
BNA_G
ClientSampleId :

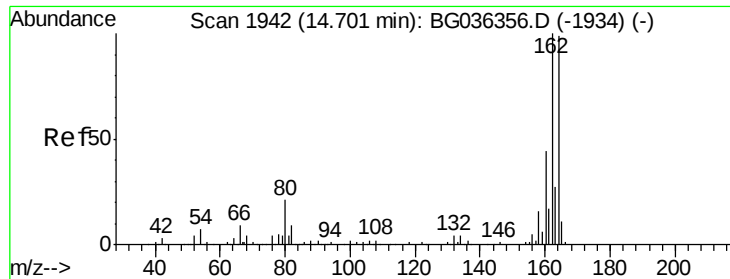
Tot Ion:136	Resp:	206969
Ion	Ratio	Lower Upper
136	100	
137	12.1	8.8 13.2
54	11.5	9.2 13.8
68	7.2	5.8 8.6



#23
Nitrobenzene-d5
Concen: 89.266 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036821.D
Acq: 19 Sep 2018 14:38

Tgt Ion: 82	Resp:	340517
Ion	Ratio	Lower Upper
82	100	
128	41.8	33.3 49.9
54	53.6	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG036821.D

Acq: 19 Sep 2018 14:38

Instrument :

BNA_G

ClientSampleId :

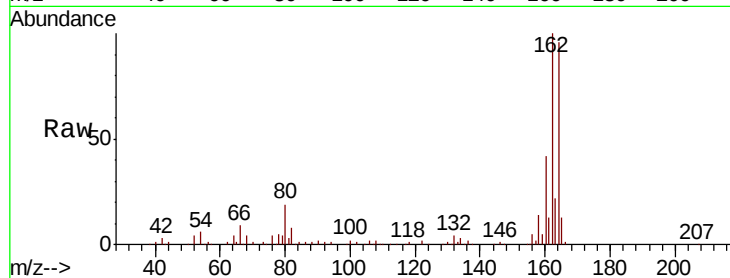
Tot Ion:164 Resp: 142075

Ion Ratio Lower Upper

164 100

162 104.2 80.7 121.1

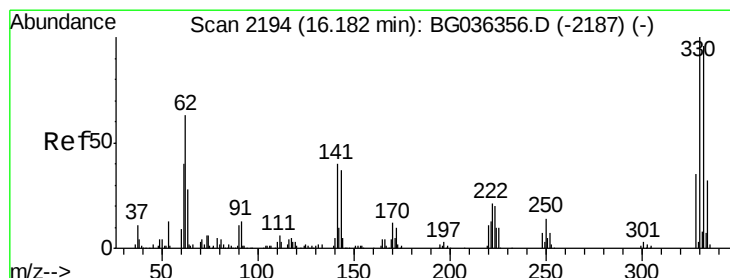
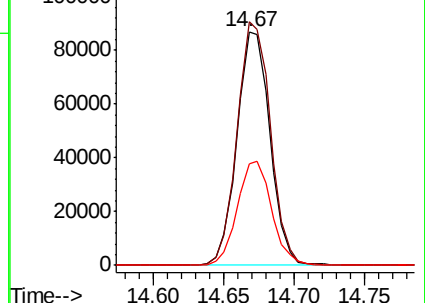
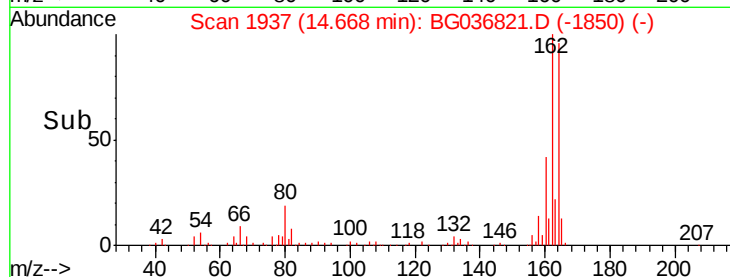
160 43.5 35.3 52.9



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: 136.439 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.01 min

Lab File: BG036821.D

Acq: 19 Sep 2018 14:38

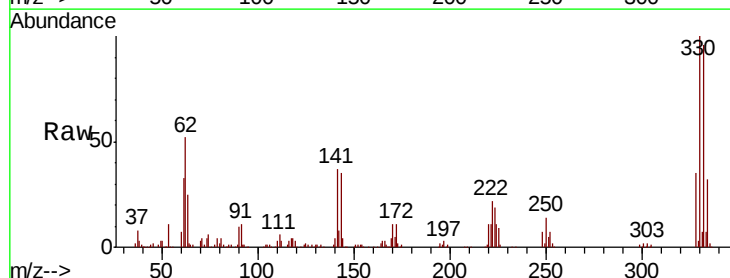
Tgt Ion:330 Resp: 231301

Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

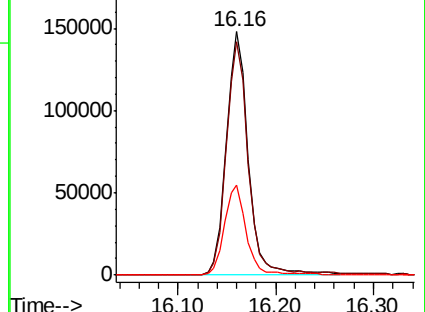
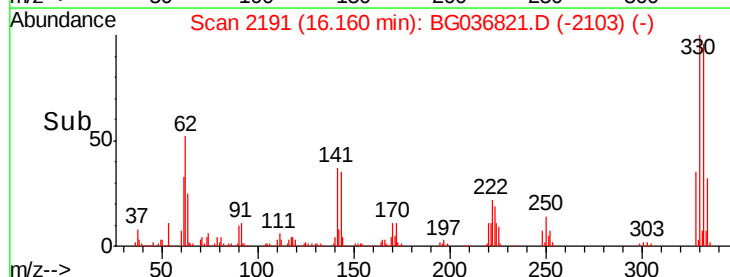
141 37.1 30.7 46.1

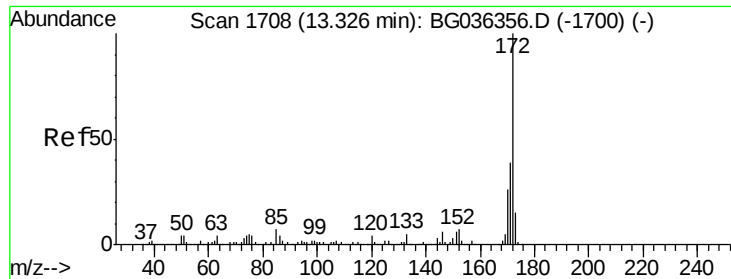


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

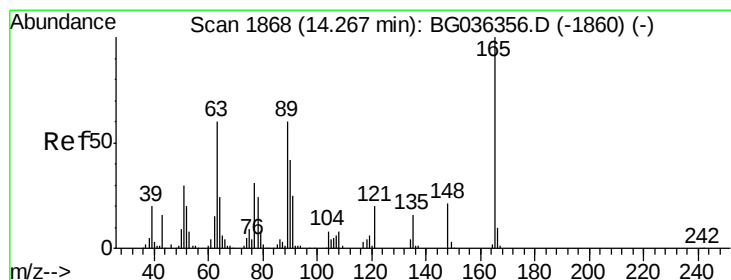
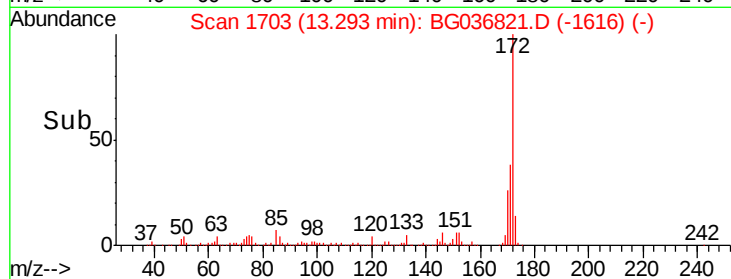
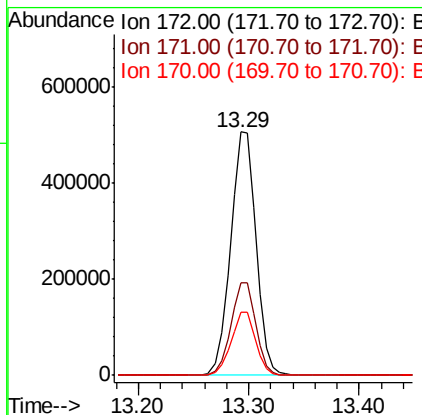
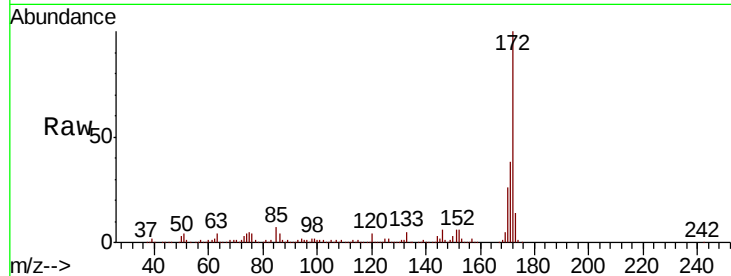




#44
 2-Fluorobiphenyl
 Concen: 82.079 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036821.D
 Acq: 19 Sep 2018 14:38

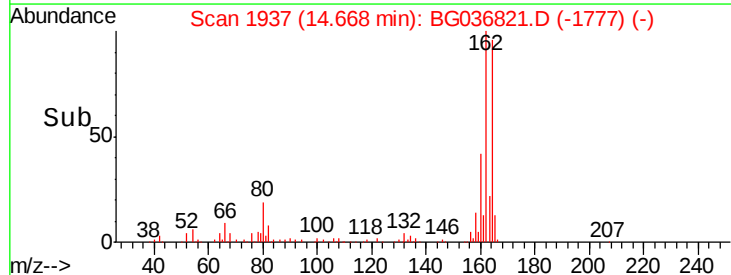
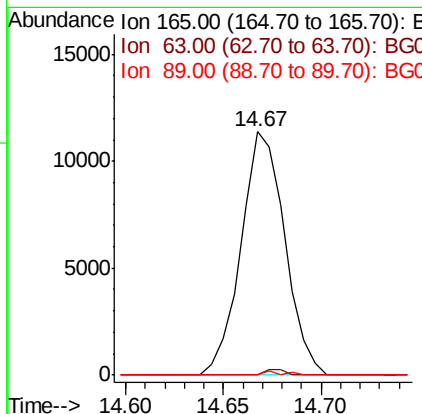
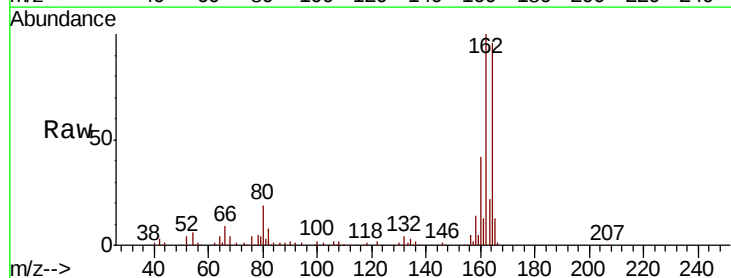
Instrument :
 BNA_G
 ClientSampleId :

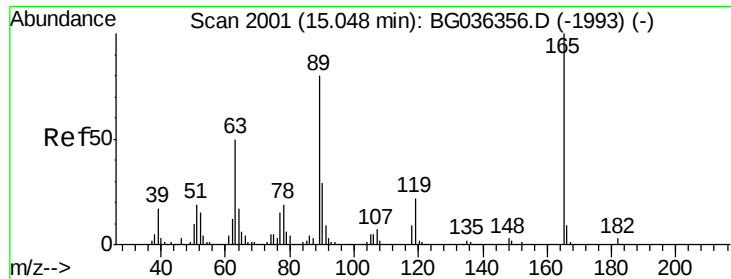
Tot Ion:172 Resp: 816728
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 25.9 21.0 31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.397 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036821.D
 Acq: 19 Sep 2018 14:38

Tgt Ion:165 Resp: 17659
 Ion Ratio Lower Upper
 165 100
 63 0.0 50.1 75.1#
 89 0.0 47.8 71.6#

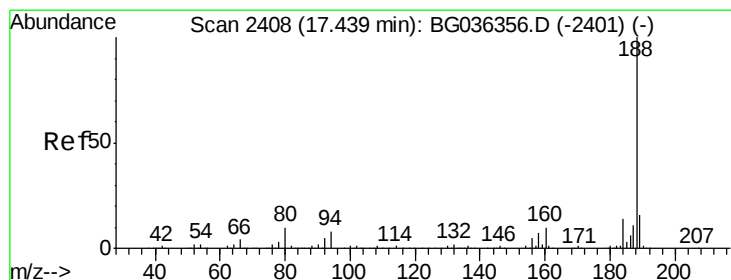
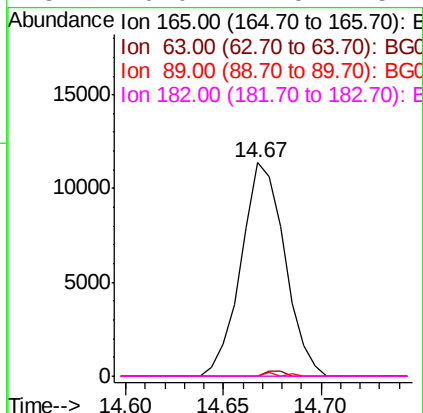
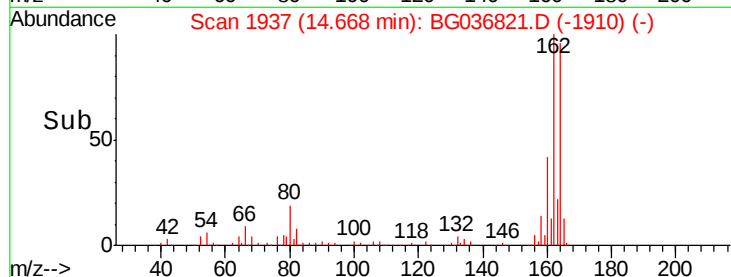
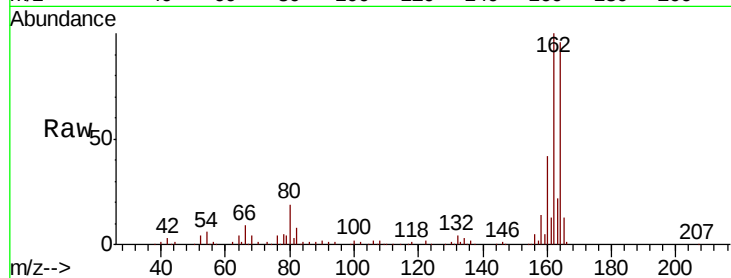




#56
 2,4-Dinitrotoluene
 Concen: 5.676 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036821.D
 Acq: 19 Sep 2018 14:38

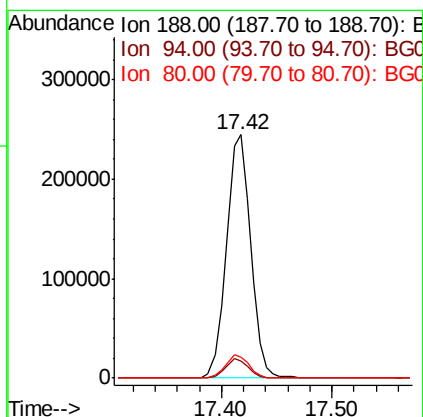
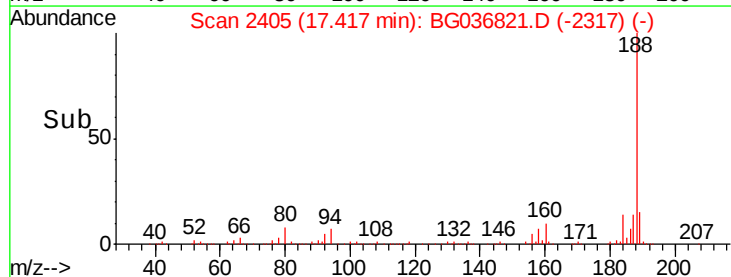
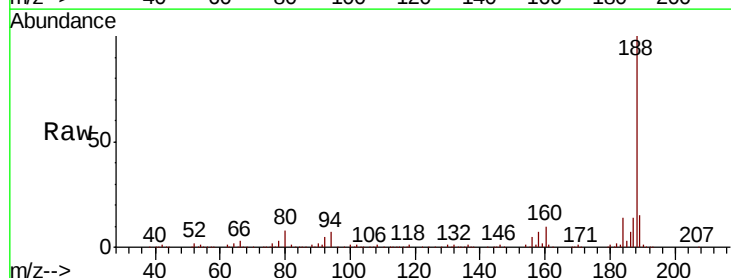
Instrument :
 BNA_G
 ClientSampleId :

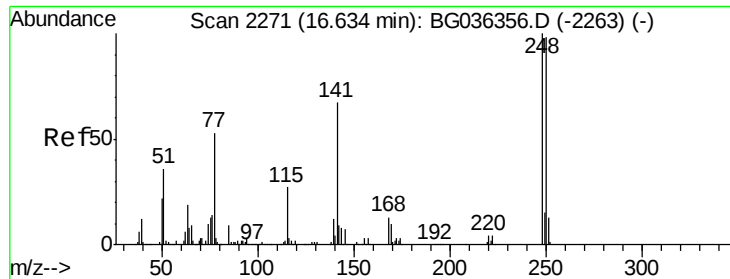
Tot Ion:165	Resp:	17659
Ion Ratio	Lower	Upper
165 100		
63 0.0	40.1	60.1#
89 0.0	63.7	95.5#
182 0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036821.D
 Acq: 19 Sep 2018 14:38

Tgt Ion:188	Resp: 377204
Ion Ratio	Lower Upper
188 100	
94 7.2	6.7 10.1
80 8.3	8.1 12.1

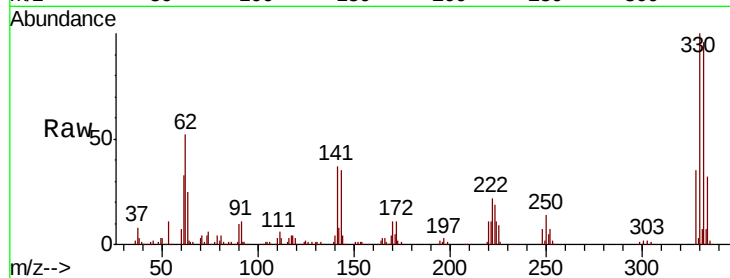




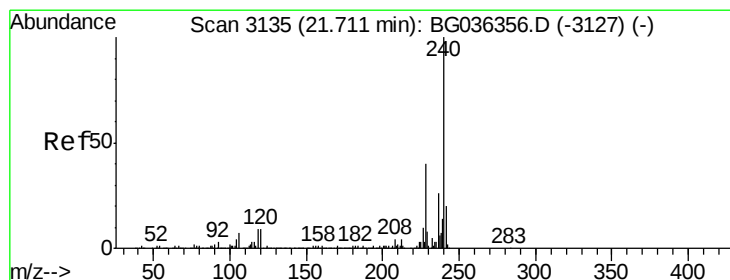
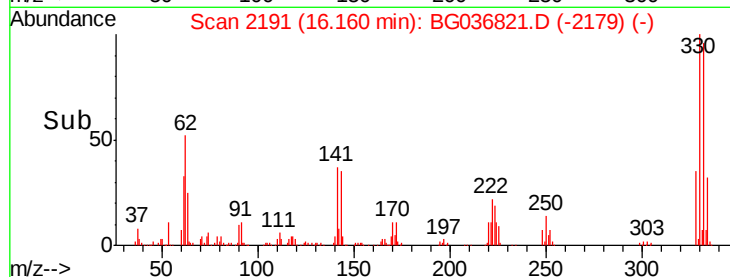
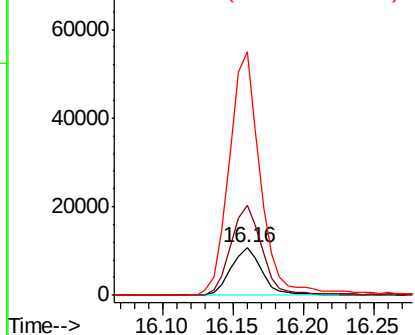
#66
 4-Bromophenyl-phenylether
 Concen: 3.727 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036821.D
 Acq: 19 Sep 2018 14:38

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 16458
 Ion Ratio Lower Upper
 248 100
 250 187.6 78.1 117.1#
 141 510.8 53.7 80.5#

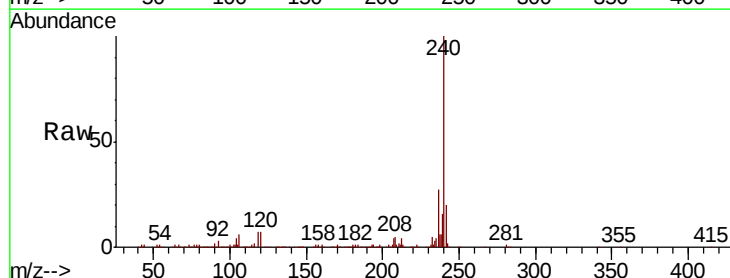


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

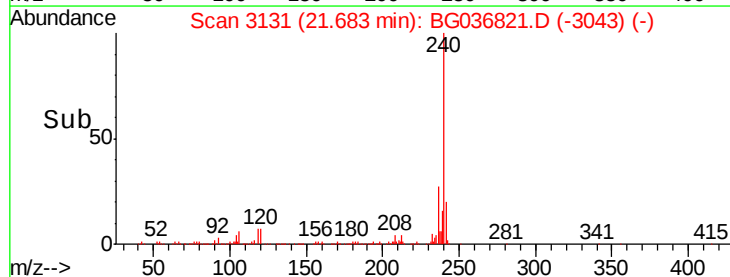
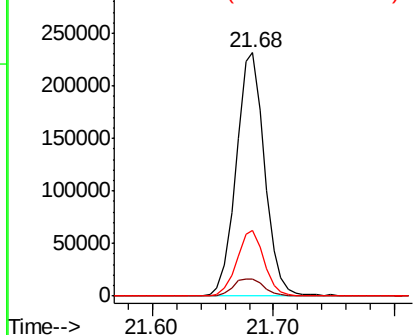


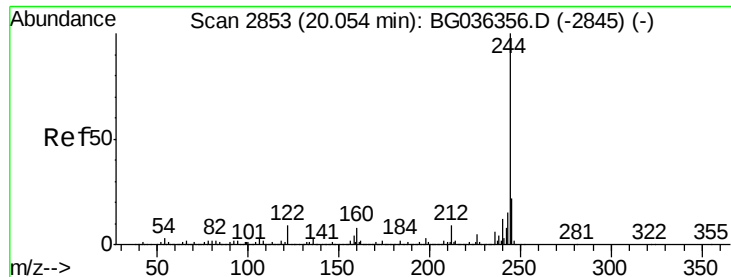
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG036821.D
 Acq: 19 Sep 2018 14:38

Tgt Ion:240 Resp: 380478
 Ion Ratio Lower Upper
 240 100
 120 7.3 6.9 10.3
 236 26.7 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: 85.222 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036821.D

Acq: 19 Sep 2018 14:38

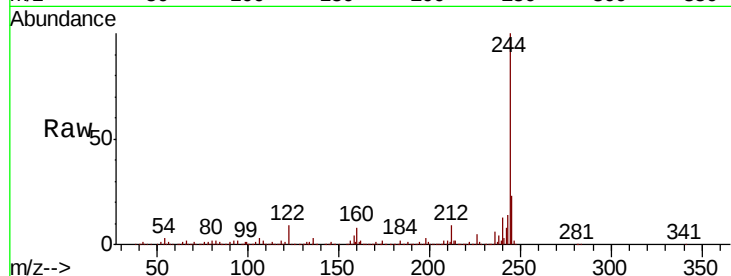
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1387266

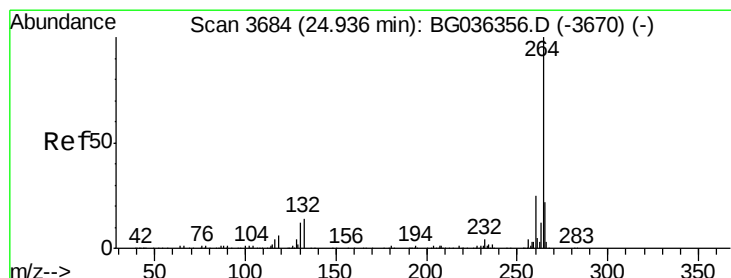
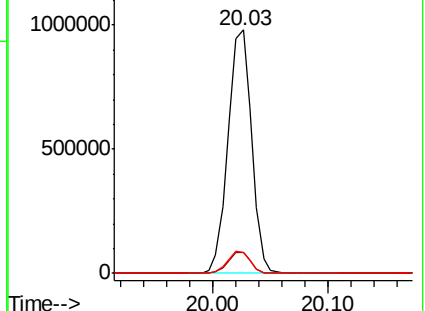
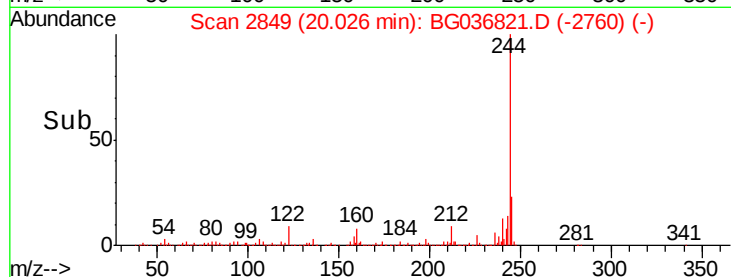
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.0	10.6
122	8.7	7.1	10.7



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

Perylene-d12

Concen: 20.000 ng

RT: 24.89 min Scan# 3677

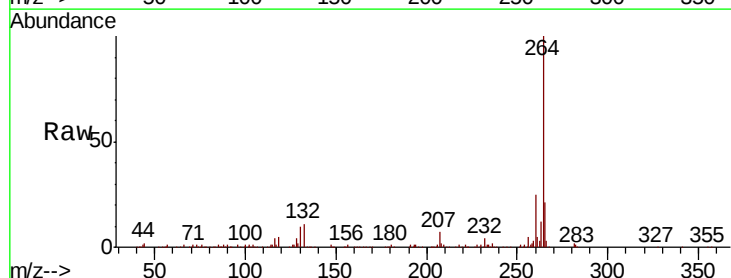
Delta R.T. -0.01 min

Lab File: BG036821.D

Acq: 19 Sep 2018 14:38

Tgt Ion:264 Resp: 368463

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.6	29.4
265	20.7	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

