

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036812.D
 Acq On : 19 Sep 2018 8:48
 Operator : JU/SJ
 Sample : J4952-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 11:42:39 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

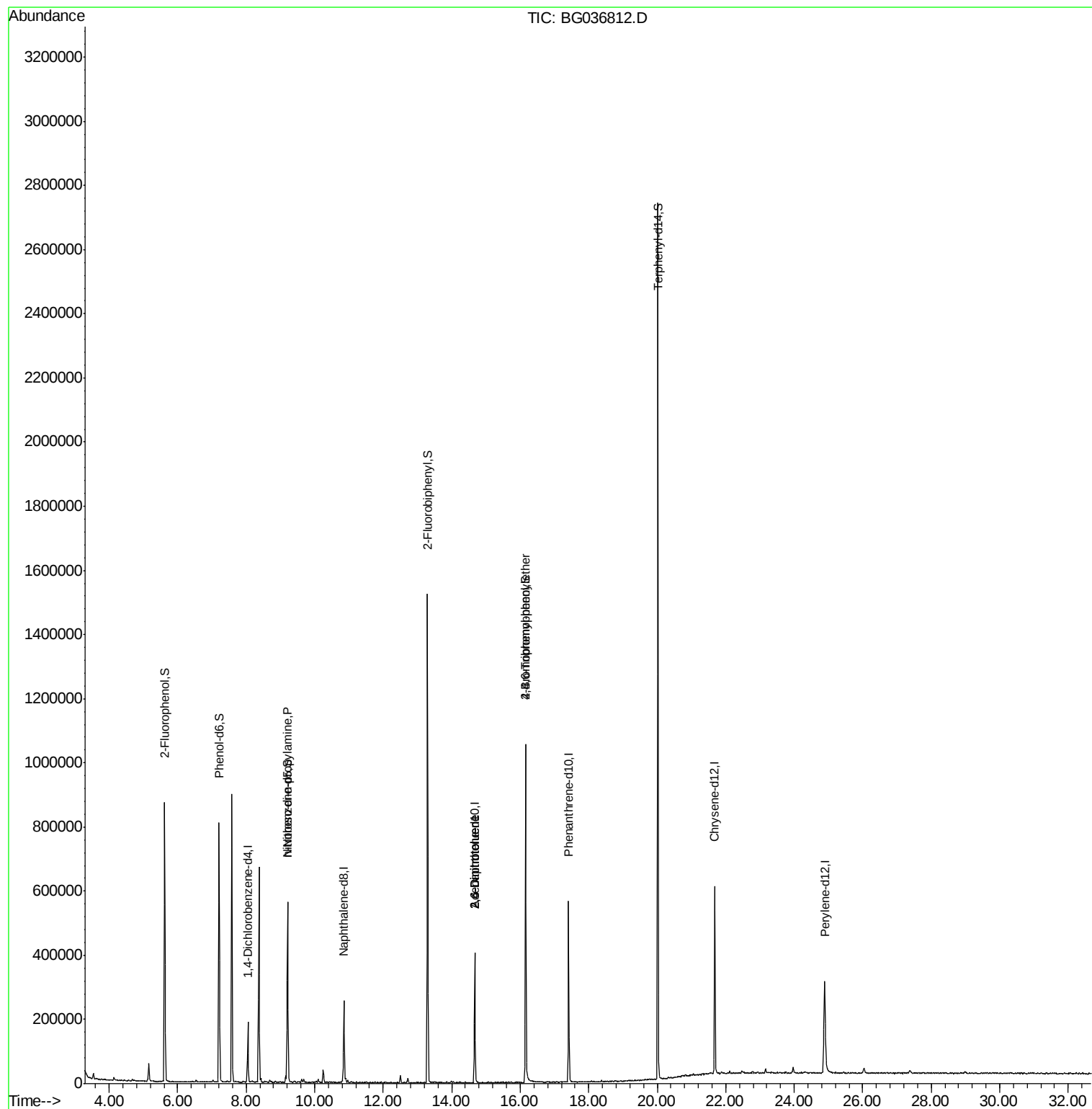
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53631	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	215273	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	139807	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	355240	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	360030	20.00	ng	-0.01
86) Perylene-d12	24.89	264	351538	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	350144	103.57	ng	0.00
7) Phenol-d6	7.21	99	461199	95.28	ng	0.00
23) Nitrobenzene-d5	9.21	82	344638	86.86	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	202592	121.44	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	769524	78.59	ng	-0.01
78) Terphenyl-d14	20.02	244	1293440	83.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	46587	12.878	ng	# 71
50) 2,6-Dinitrotoluene	14.67	165	18587	7.912	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	18587	6.071	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	13970	3.359	ng	# 1

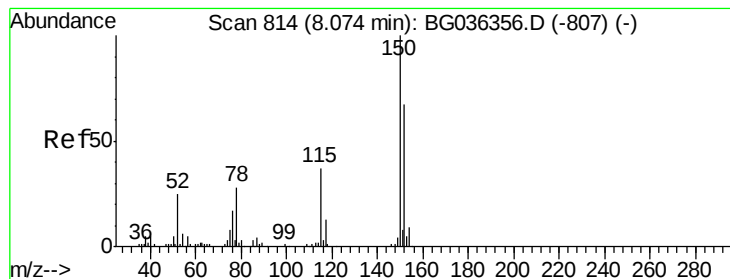
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036812.D
Acq On : 19 Sep 2018 8:48
Operator : JU/SJ
Sample : J4952-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 19 11:42:39 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



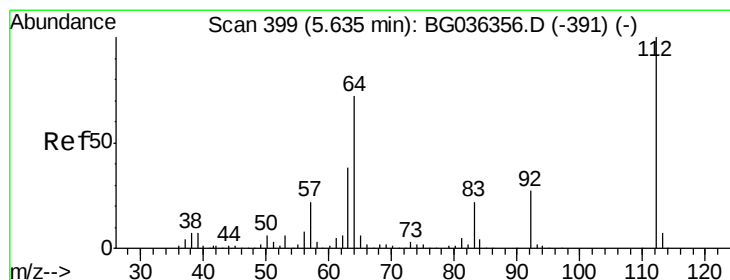
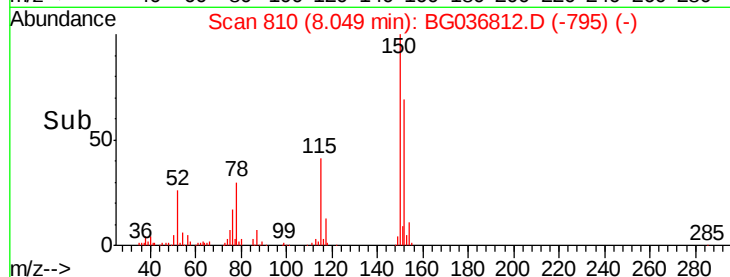
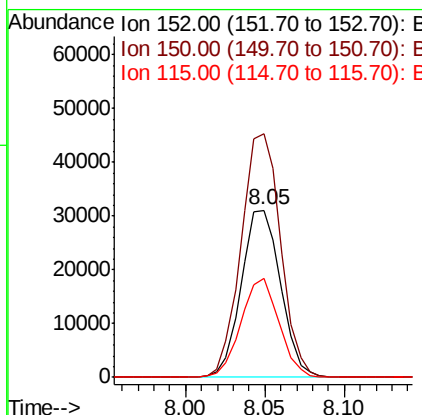
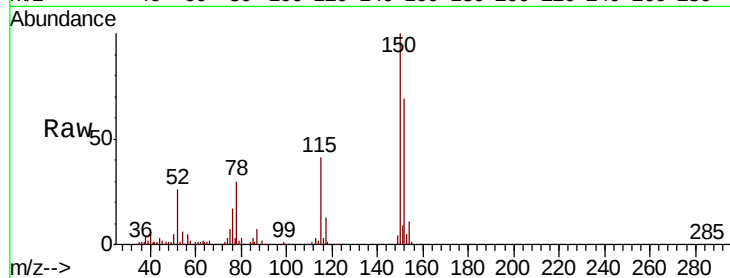


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036812.D
Acq: 19 Sep 2018 8:48

Instrument :
BNA_G
ClientSampleId :

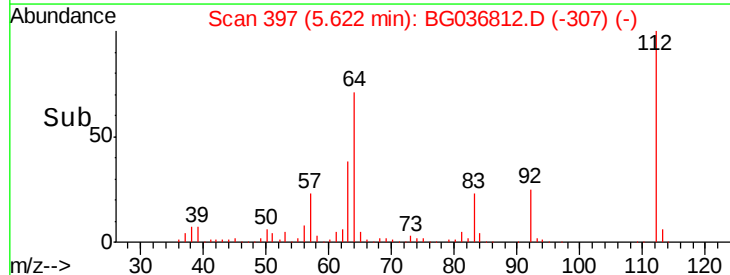
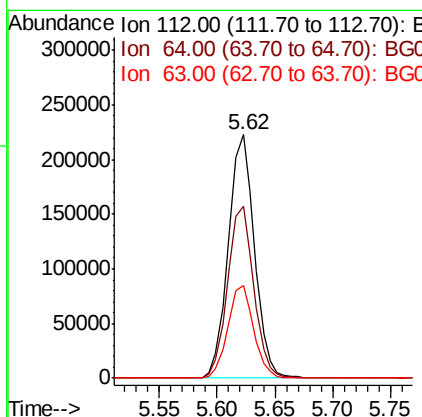
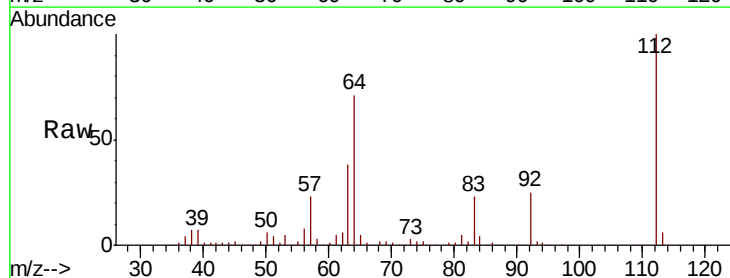
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	119.5	179.3
115	59.2	44.5	66.7



#5

2-Fluorophenol
Concen: 103.565 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036812.D
Acq: 19 Sep 2018 8:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.5	57.2	85.8
63	37.9	30.8	46.2





#7

Phenol-d6

Concen: 95.277 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036812.D

Acq: 19 Sep 2018 8:48

Instrument :

BNA_G

ClientSampleId :

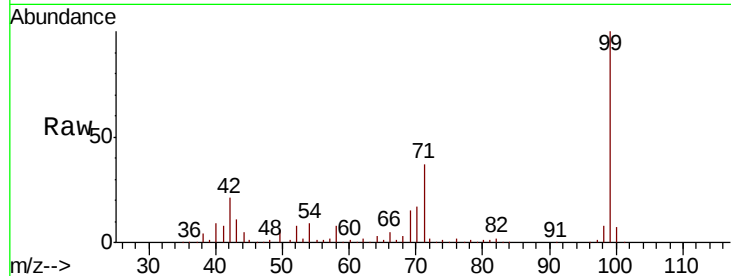
Tot Ion: 99 Resp: 461199

Ion Ratio Lower Upper

99 100

42 21.1 16.5 24.7

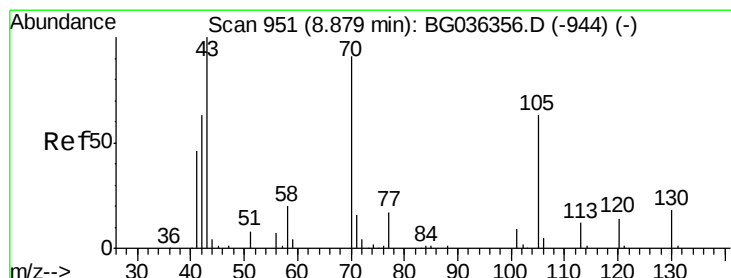
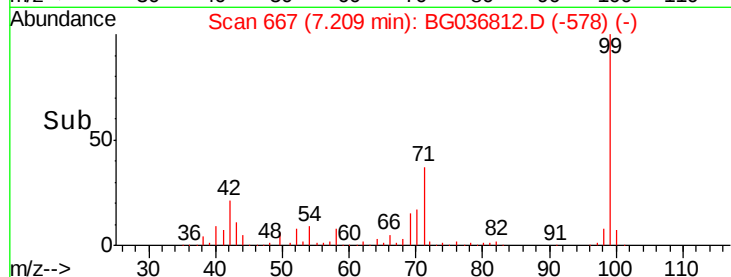
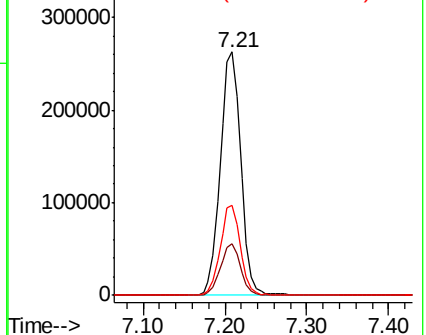
71 37.2 29.4 44.2



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: 12.878 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036812.D

Acq: 19 Sep 2018 8:48

Tgt Ion: 70 Resp: 46587

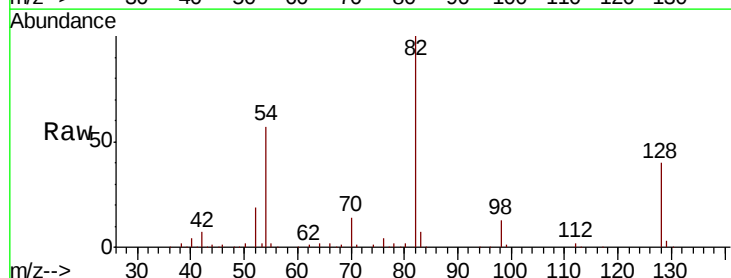
Ion Ratio Lower Upper

70 100

42 48.7 56.2 84.4#

101 0.0 7.8 11.6#

130 1.8 16.2 24.2#

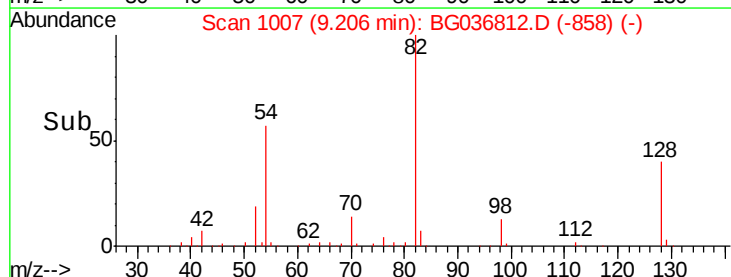
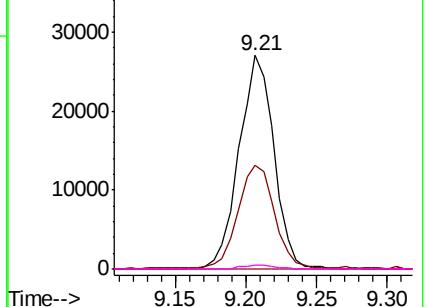


Abundance Ion 70.00 (69.70 to 70.70): BGC

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

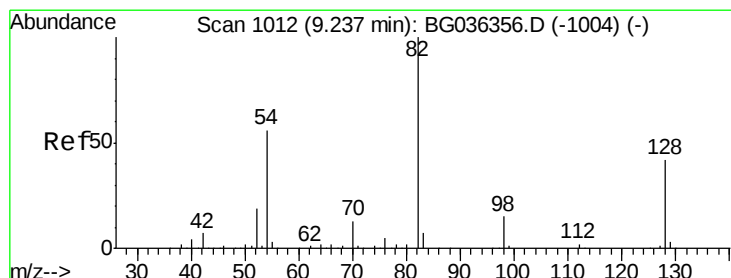
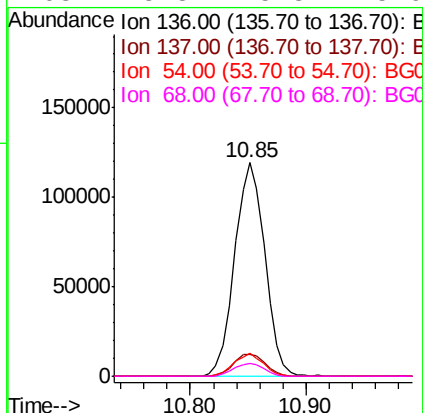
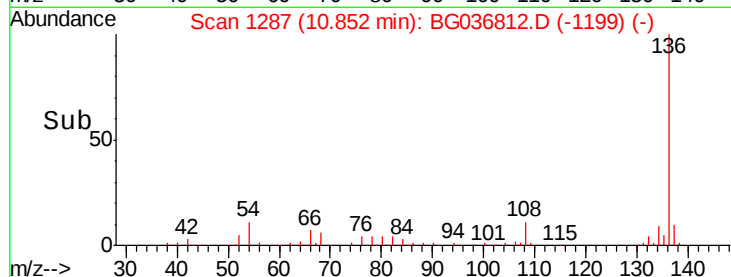
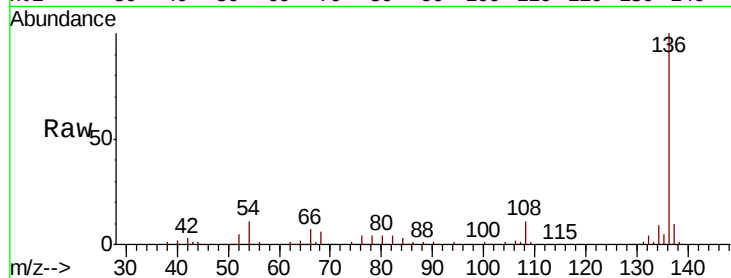




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036812.D
Acq: 19 Sep 2018 8:48

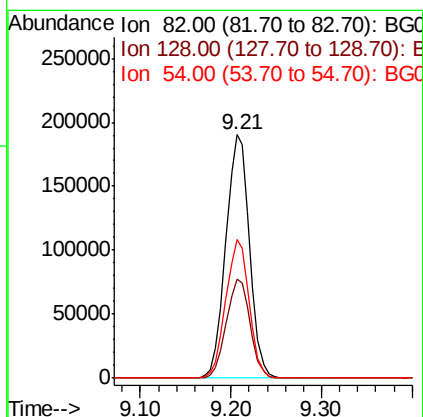
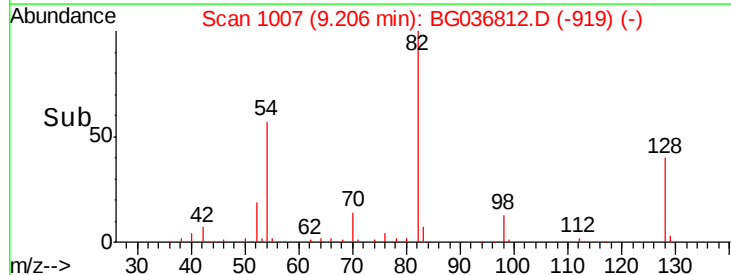
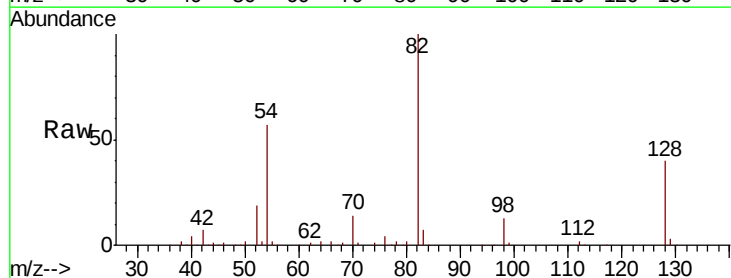
Instrument :
BNA_G
ClientSampleId :

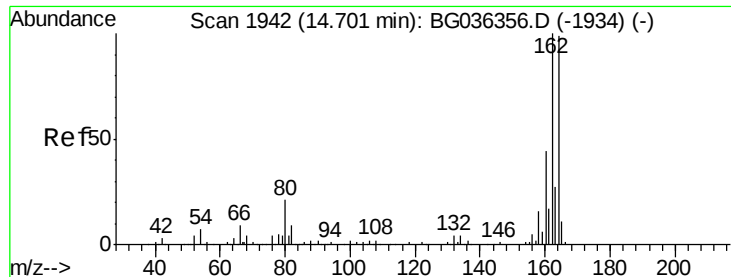
Tot Ion:136	Resp:	215273
Ion	Ratio	Lower Upper
136	100	
137	10.3	8.8 13.2
54	10.6	9.2 13.8
68	5.8	5.8 8.6



#23
Nitrobenzene-d5
Concen: 86.861 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036812.D
Acq: 19 Sep 2018 8:48

Tgt Ion: 82	Resp:	344638
Ion	Ratio	Lower Upper
82	100	
128	40.5	33.3 49.9
54	56.9	45.1 67.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.01 min

Lab File: BG036812.D

Acq: 19 Sep 2018 8:48

Instrument :

BNA_G

ClientSampleId :

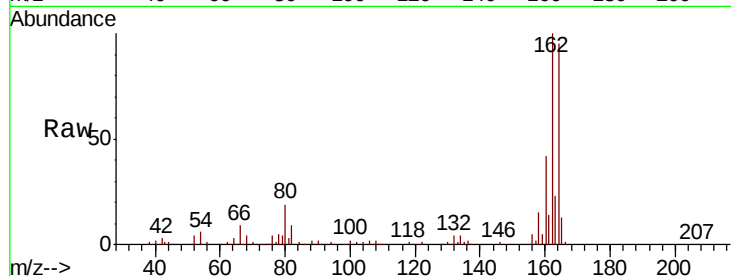
Tot Ion:164 Resp: 139807

Ion Ratio Lower Upper

164 100

162 105.0 80.7 121.1

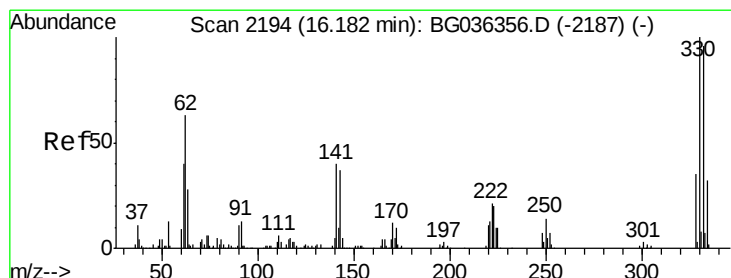
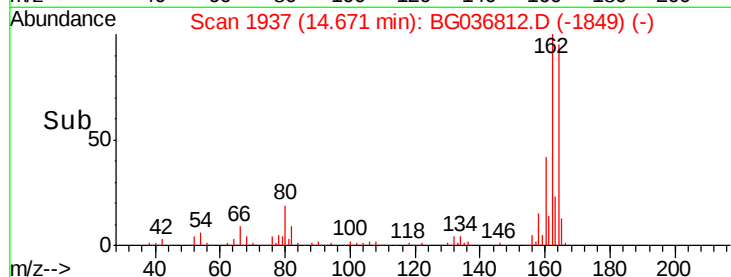
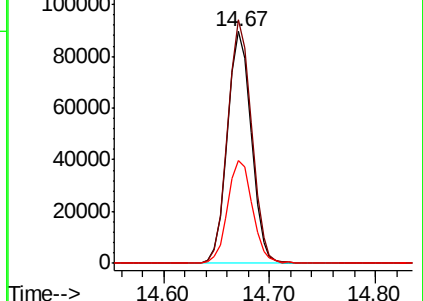
160 44.1 35.3 52.9



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: 121.443 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036812.D

Acq: 19 Sep 2018 8:48

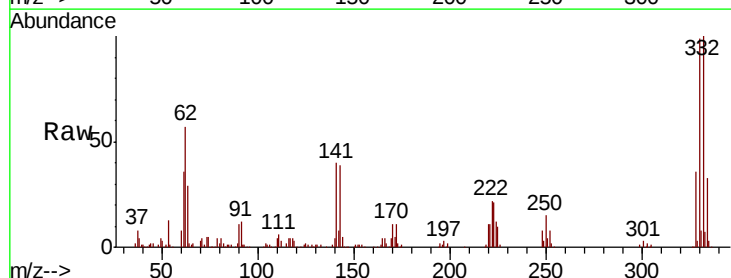
Tgt Ion:330 Resp: 202592

Ion Ratio Lower Upper

330 100

332 97.7 75.4 113.2

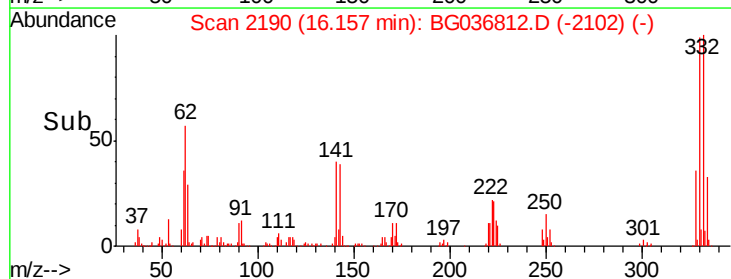
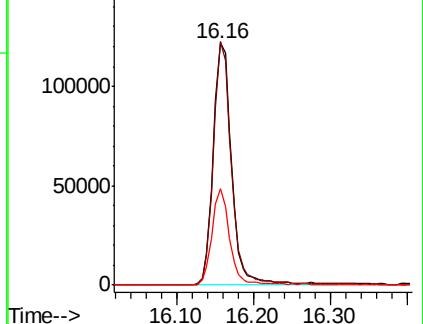
141 37.4 30.7 46.1



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

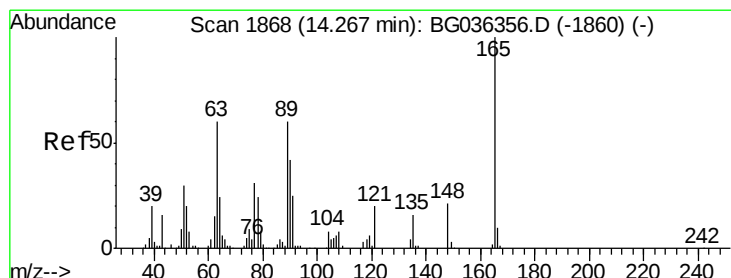
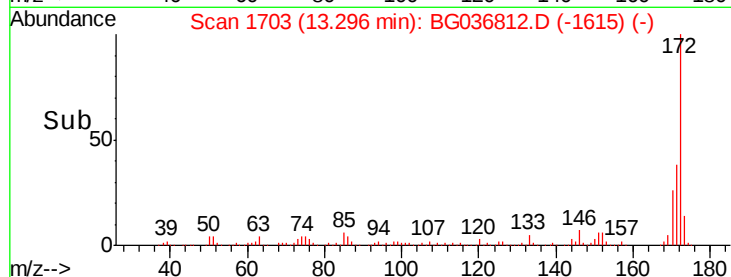
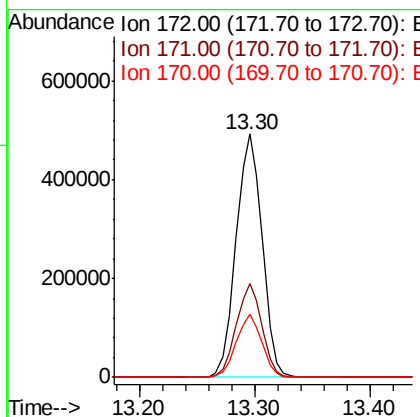
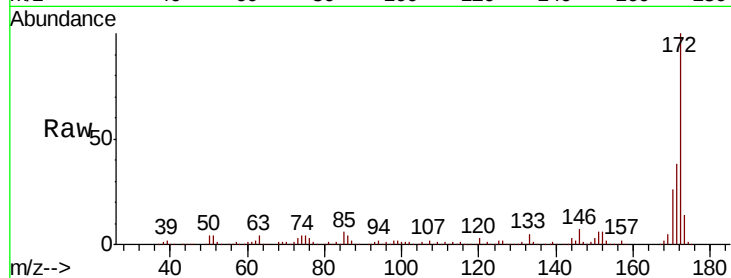




#44
 2-Fluorobiphenyl
 Concen: 78.590 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036812.D
 Acq: 19 Sep 2018 8:48

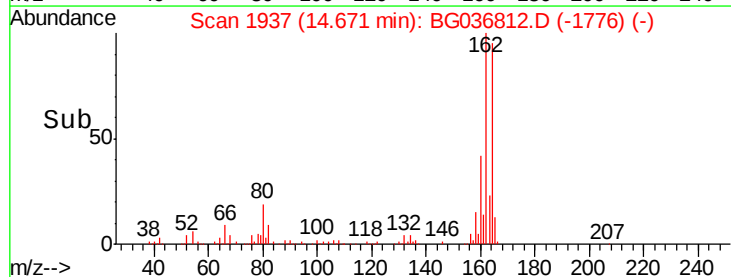
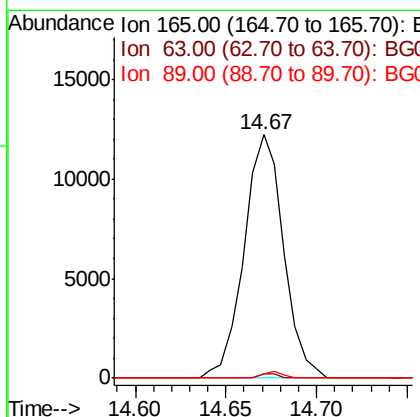
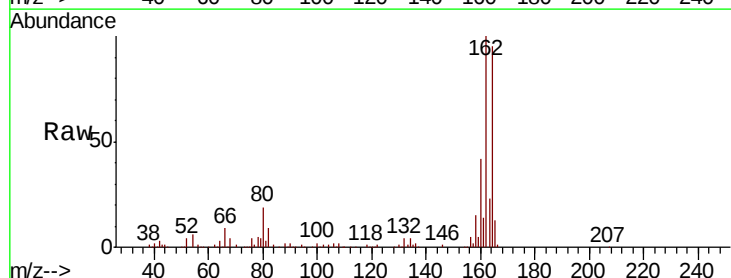
Instrument :
 BNA_G
 ClientSampleId :

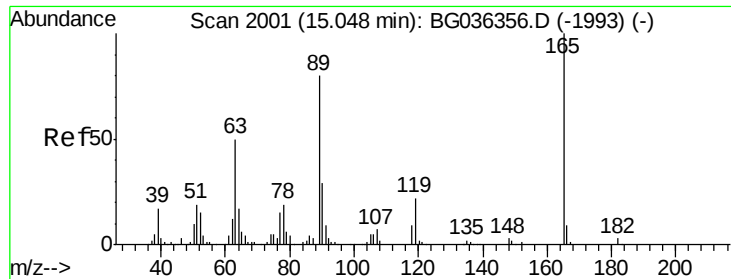
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.7	21.0	31.6



#50
 2,6-Dinitrotoluene
 Concen: 7.912 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.41 min
 Lab File: BG036812.D
 Acq: 19 Sep 2018 8:48

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	50.1	75.1#
89	1.6	47.8	71.6#

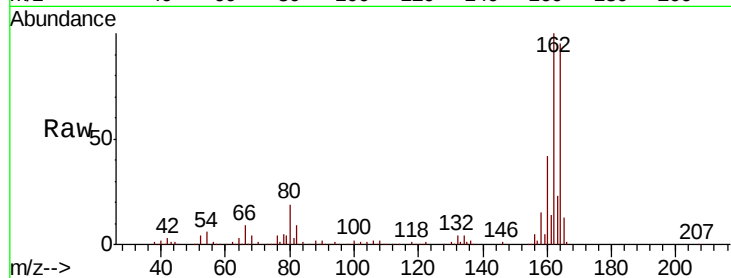




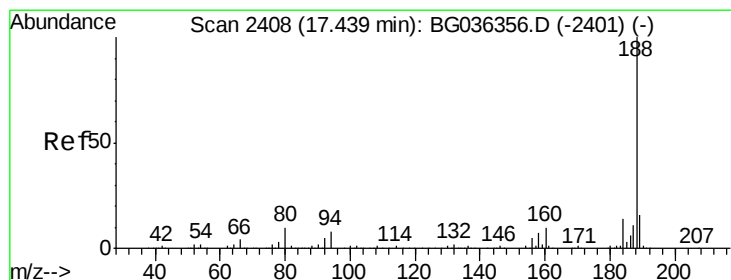
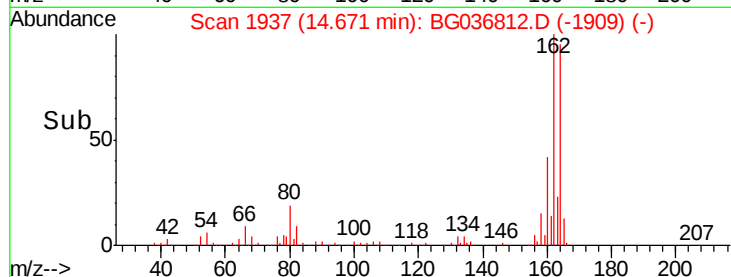
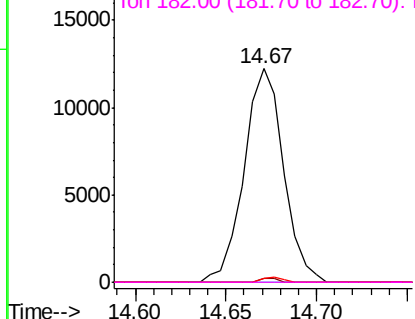
#56
 2,4-Dinitrotoluene
 Concen: 6.071 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036812.D
 Acq: 19 Sep 2018 8:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	165	Resp:	18587
Ion Ratio	Lower	Upper	
165	100		
63	1.7	40.1	60.1#
89	1.6	63.7	95.5#
182	0.0	2.5	3.7#

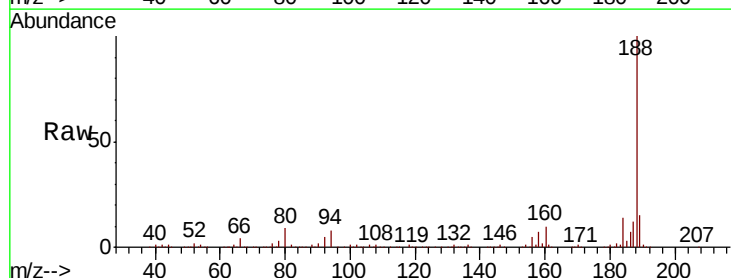


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

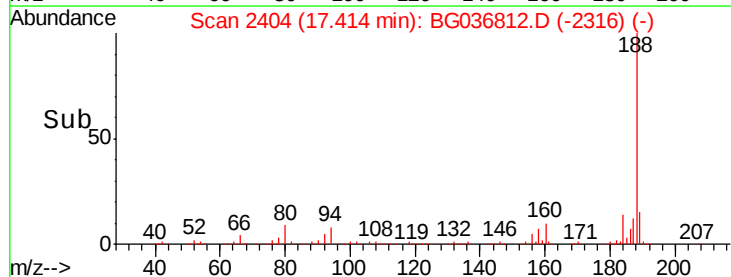
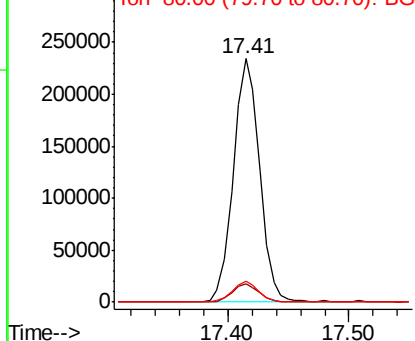


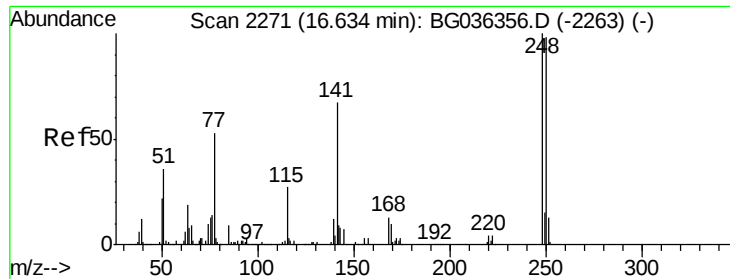
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036812.D
 Acq: 19 Sep 2018 8:48

Tgt Ion:	188	Resp:	355240
Ion Ratio	Lower	Upper	
188	100		
94	7.8	6.7	10.1
80	8.7	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

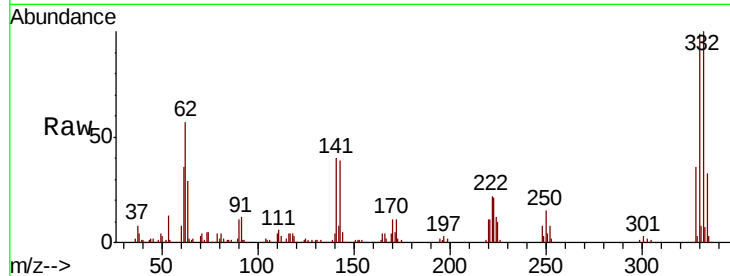




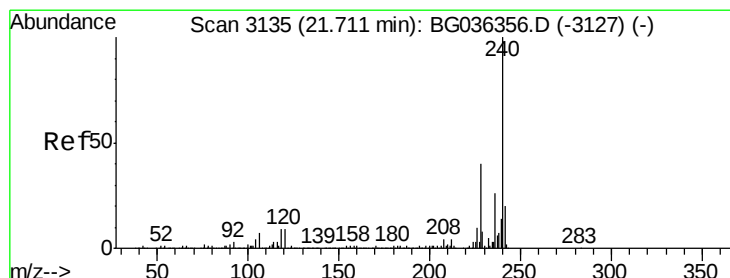
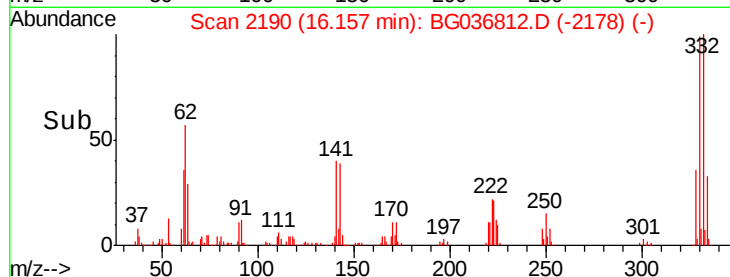
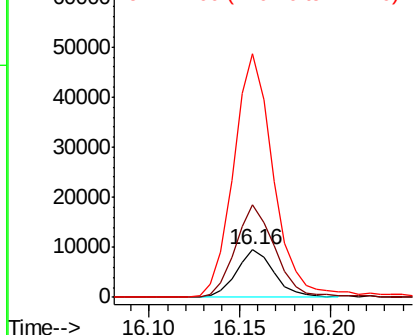
#66
 4-Bromophenyl-phenylether
 Concen: 3.359 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036812.D
 Acq: 19 Sep 2018 8:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 13970
 Ion Ratio Lower Upper
 248 100
 250 194.2 78.1 117.1#
 141 511.4 53.7 80.5#

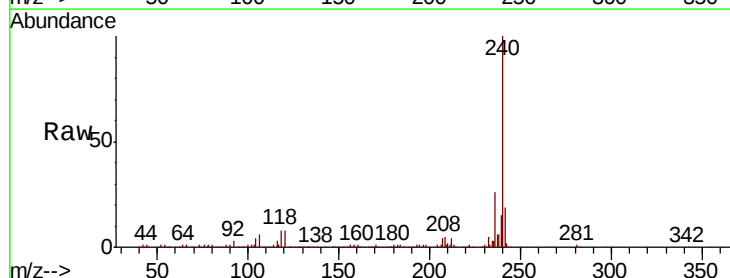


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

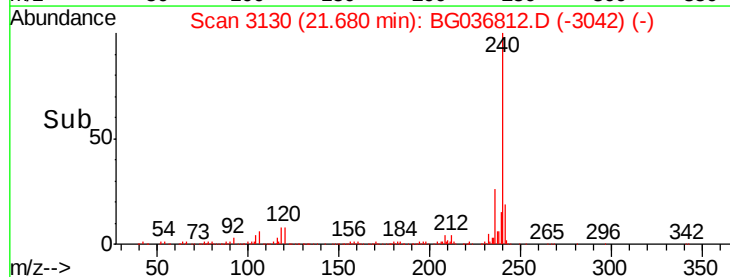
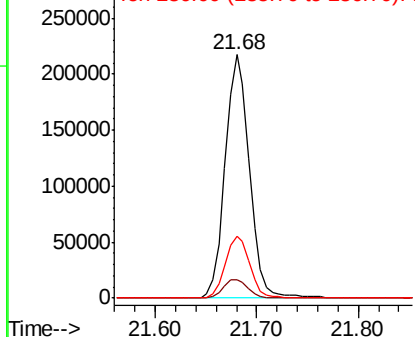


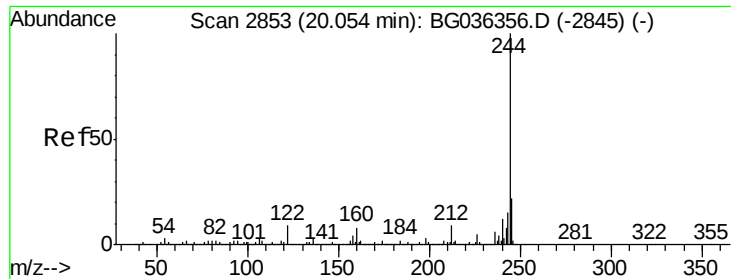
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG036812.D
 Acq: 19 Sep 2018 8:48

Tgt Ion:240 Resp: 360030
 Ion Ratio Lower Upper
 240 100
 120 7.6 6.9 10.3
 236 25.5 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: 83.971 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036812.D

Acq: 19 Sep 2018 8:48

Instrument :

BNA_G

ClientSampleId :

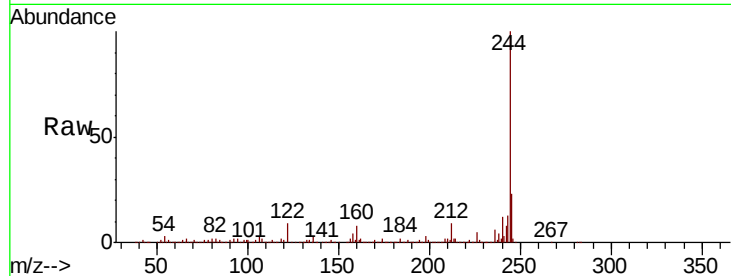
Tot Ion:244 Resp: 1293440

Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	9.1	7.1	10.7

244 100

212 8.9 7.0 10.6

122 9.1 7.1 10.7

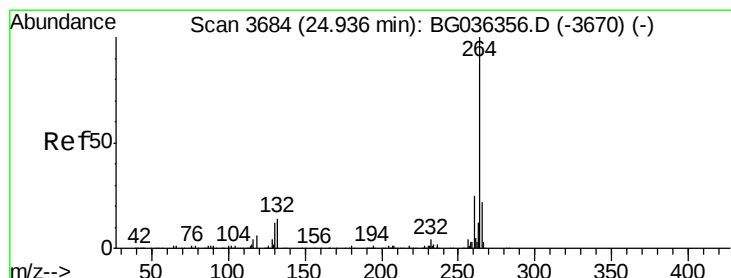
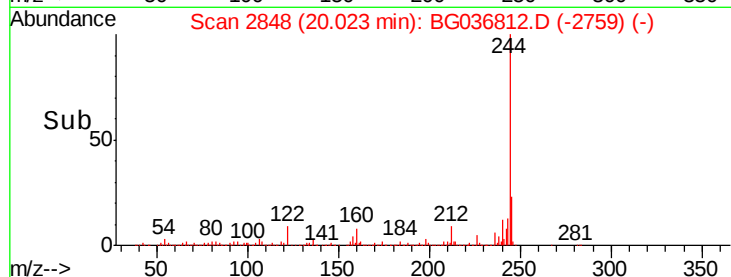
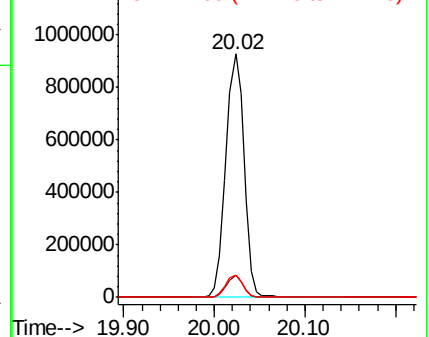


Abundance

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# 3676

Delta R.T. -0.01 min

Lab File: BG036812.D

Acq: 19 Sep 2018 8:48

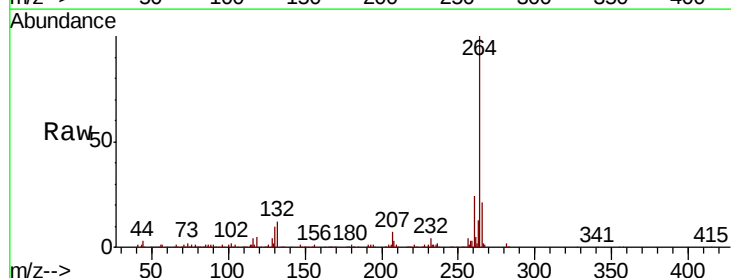
Tgt Ion:264 Resp: 351538

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	21.3	17.4	26.0

264 100

260 23.9 19.6 29.4

265 21.3 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

