

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036815.D
 Acq On : 19 Sep 2018 10:45
 Operator : JU/SJ
 Sample : J4946-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 11:43:06 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

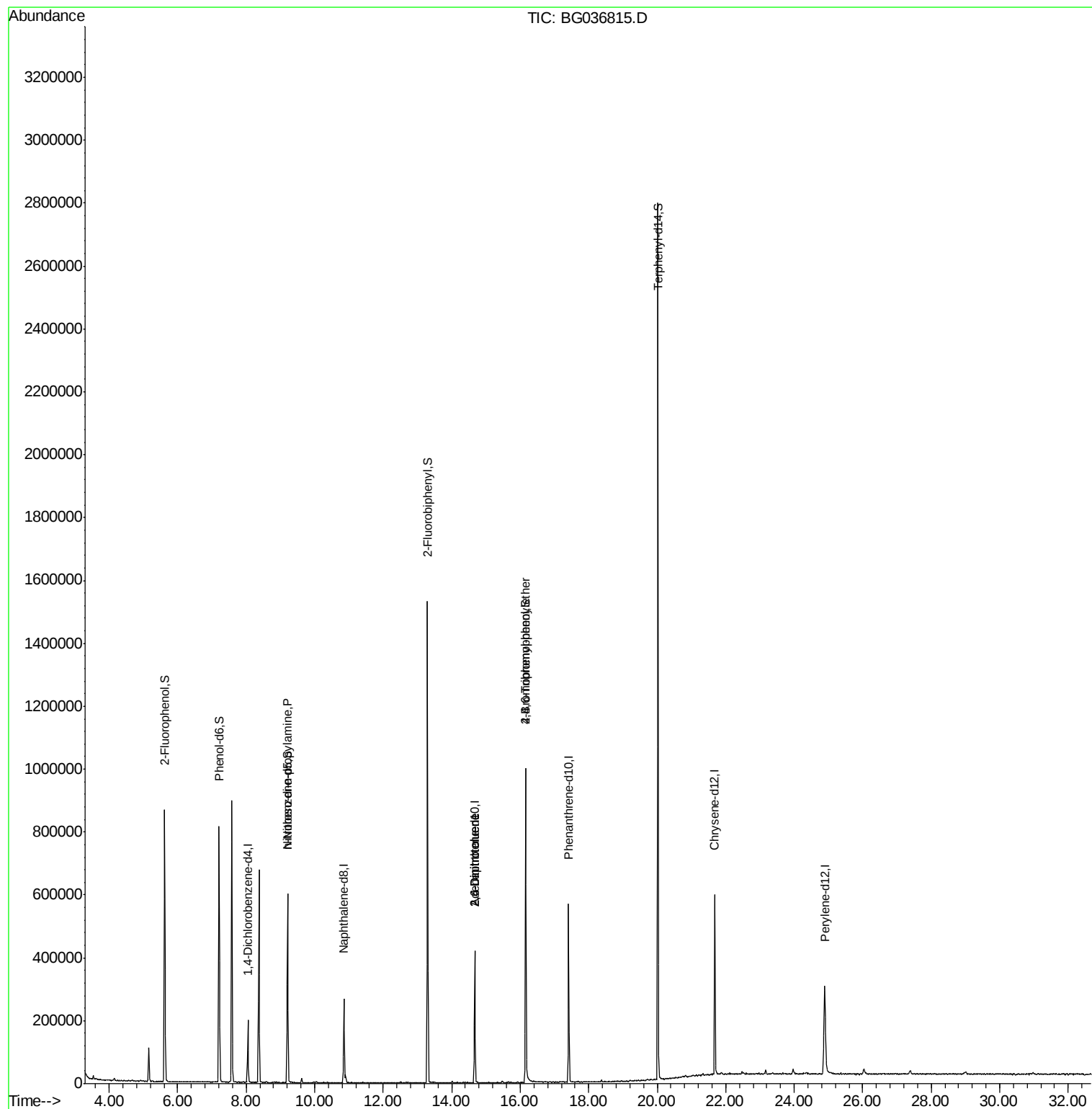
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54167	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	225857	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	142574	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	359818	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	361168	20.00	ng	-0.01
86) Perylene-d12	24.89	264	353121	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	358561	105.01	ng	0.00
7) Phenol-d6	7.21	99	463827	94.87	ng	0.00
23) Nitrobenzene-d5	9.21	82	359531	86.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	201767	118.60	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	801347	80.25	ng	-0.01
78) Terphenyl-d14	20.02	244	1301250	84.21	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	48645	13.313	ng	# 69
50) 2,6-Dinitrotoluene	14.67	165	18768	7.834	ng	# 22
56) 2,4-Dinitrotoluene	14.67	165	18768	6.011	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	13753	3.265	ng	# 1

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

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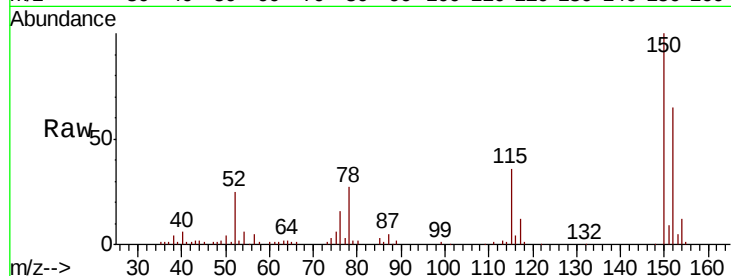




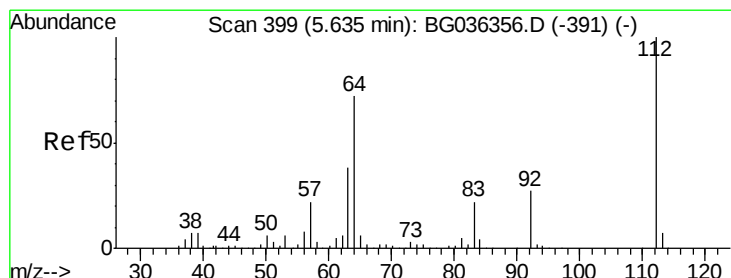
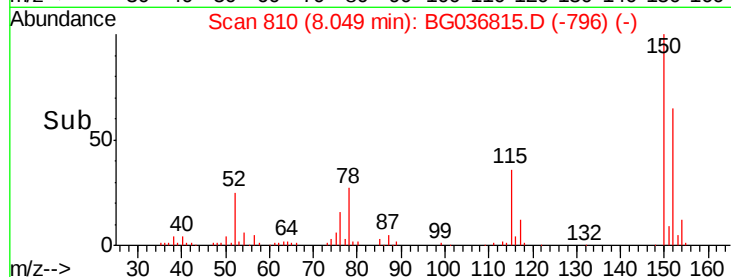
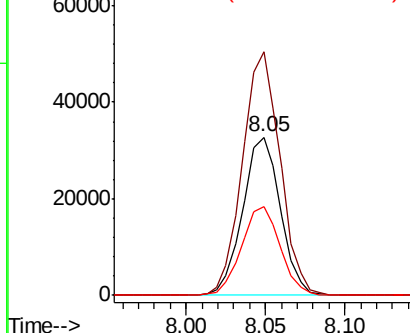
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BG036815.D
 Acq: 19 Sep 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 54167
 Ion Ratio Lower Upper
 152 100
 150 153.9 119.5 179.3
 115 55.7 44.5 66.7

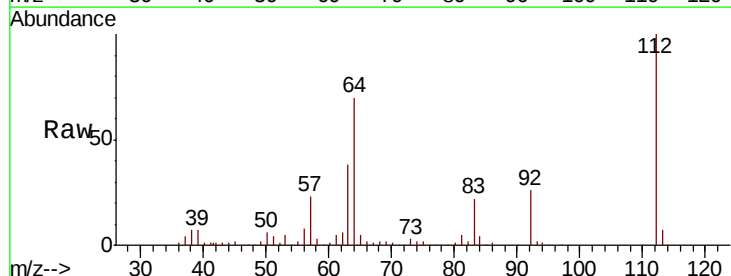


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

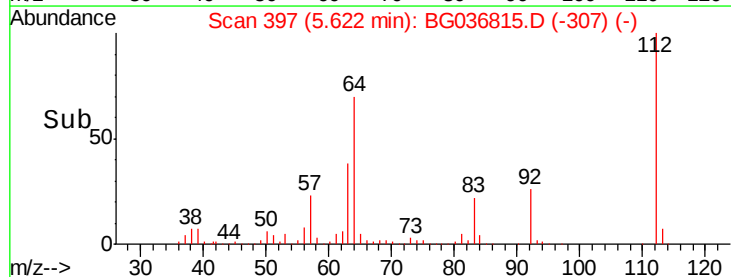
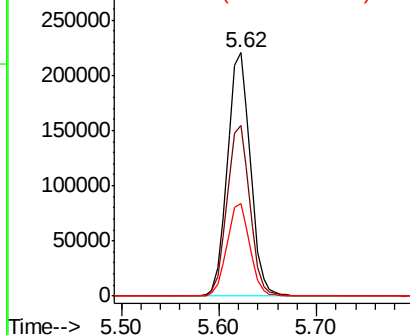


#5
 2-Fluorophenol
 Concen: 105.006 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036815.D
 Acq: 19 Sep 2018 10:45

Tgt Ion:112 Resp: 358561
 Ion Ratio Lower Upper
 112 100
 64 70.2 57.2 85.8
 63 37.9 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: 94.872 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036815.D

Acq: 19 Sep 2018 10:45

Instrument :

BNA_G

ClientSampleId :

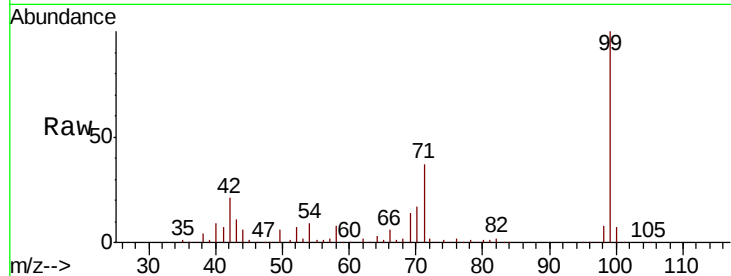
Tot Ion: 99 Resp: 463827

Ion Ratio Lower Upper

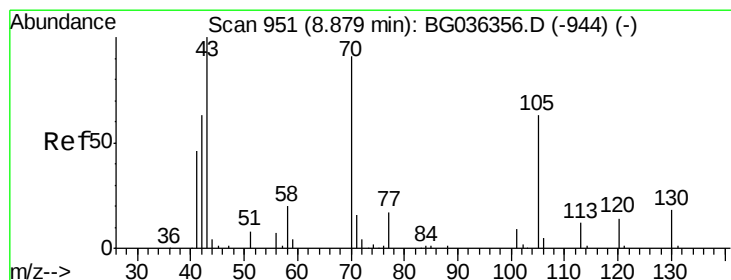
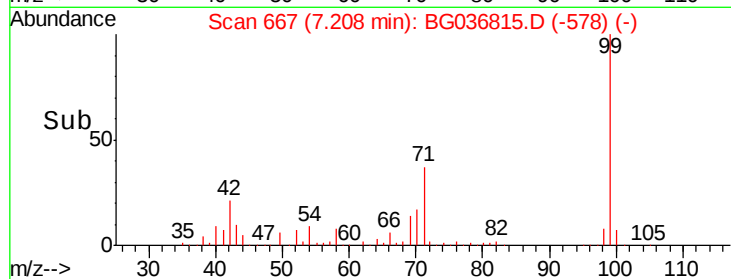
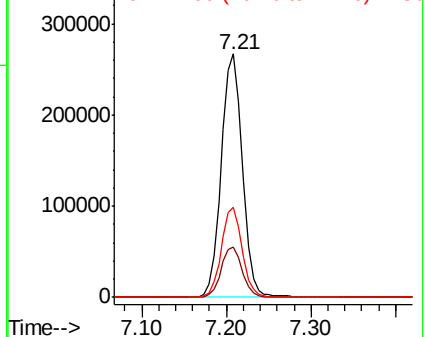
99 100

42 20.9 16.5 24.7

71 37.1 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: 13.313 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036815.D

Acq: 19 Sep 2018 10:45

Tgt Ion: 70 Resp: 48645

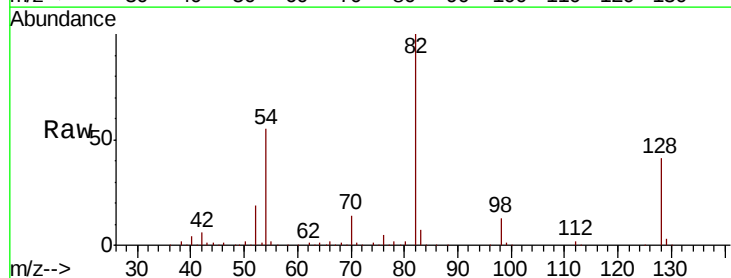
Ion Ratio Lower Upper

70 100

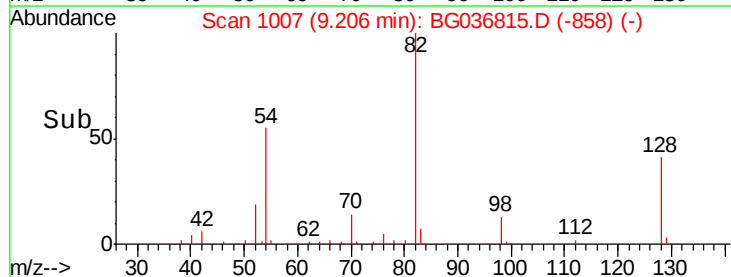
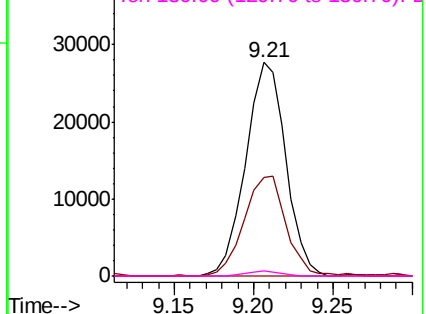
42 46.4 56.2 84.4#

101 0.0 7.8 11.6#

130 2.2 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

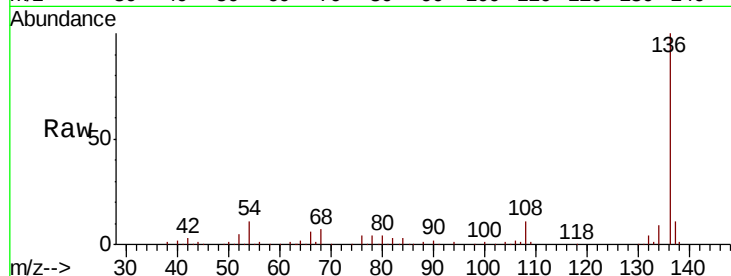




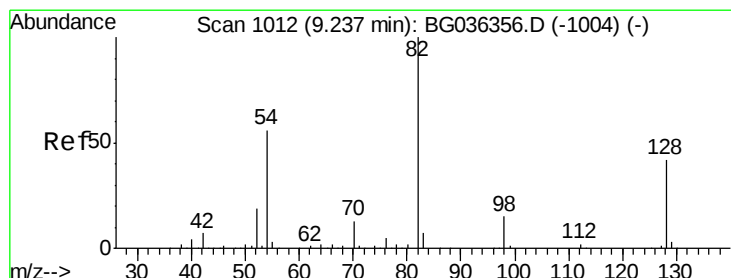
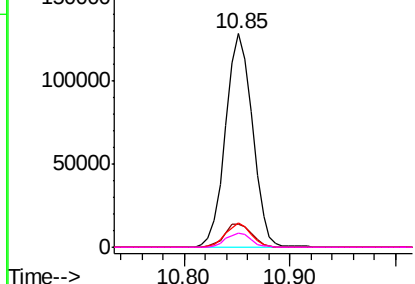
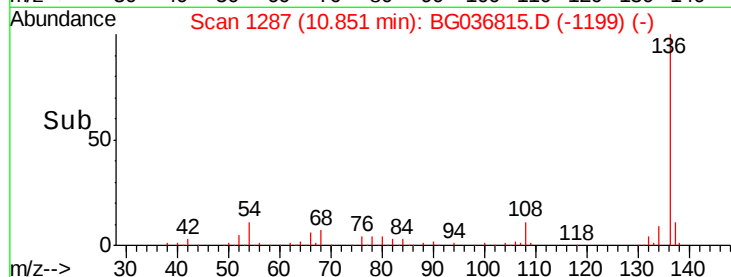
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036815.D
Acq: 19 Sep 2018 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	225857
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	11.2	9.2	13.8
68	6.5	5.8	8.6

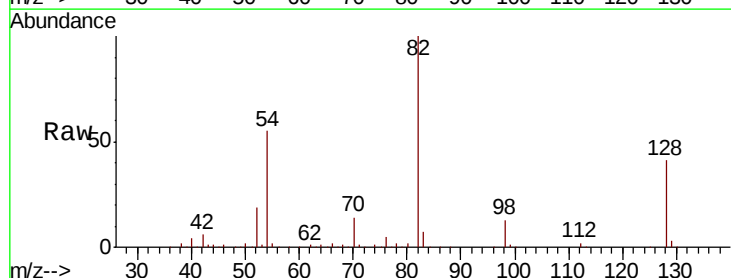


Abundance Ion 136.00 (135.70 to 136.70): E
200000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

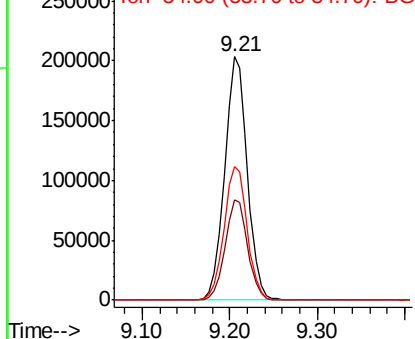
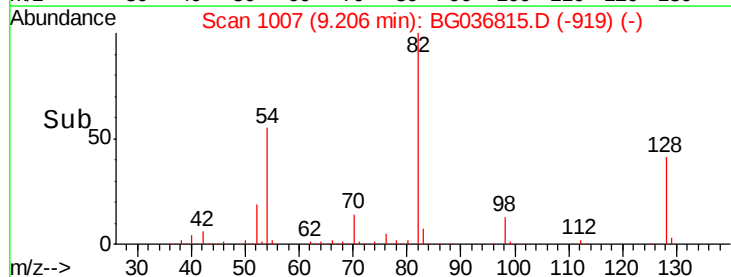


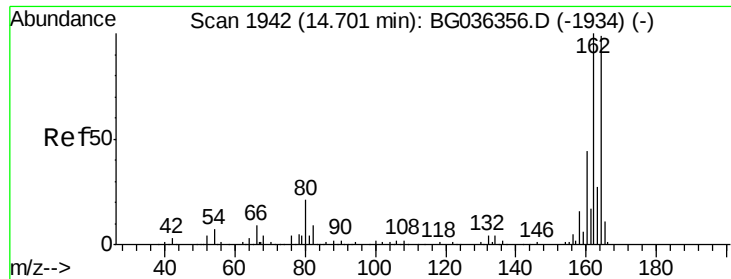
#23
Nitrobenzene-d5
Concen: 86.369 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036815.D
Acq: 19 Sep 2018 10:45

Tgt Ion:	82	Resp:	359531
Ion	Ratio	Lower	Upper
82	100		
128	41.4	33.3	49.9
54	55.1	45.1	67.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
250000
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# 1937

Delta R.T. -0.01 min

Lab File: BG036815.D

Acq: 19 Sep 2018 10:45

Instrument :

BNA_G

ClientSampleId :

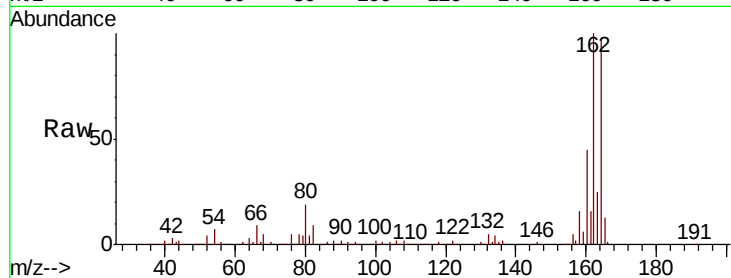
Tot Ion:164 Resp: 142574

Ion Ratio Lower Upper

164 100

162 102.6 80.7 121.1

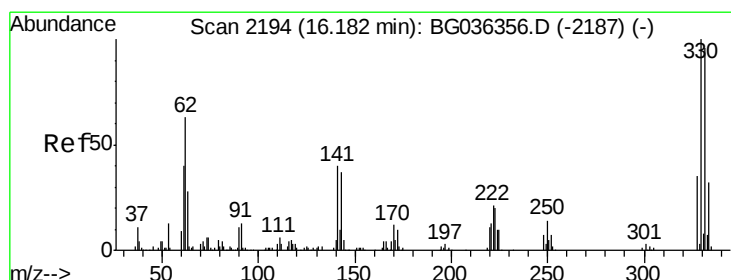
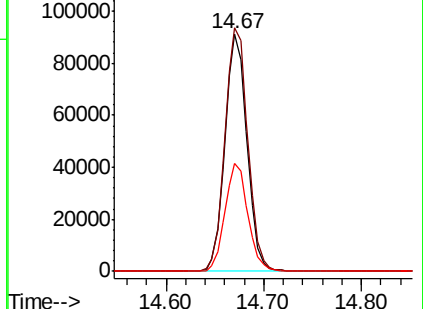
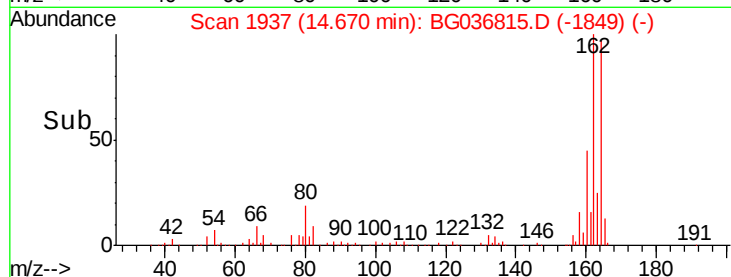
160 45.7 35.3 52.9



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: 118.601 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG036815.D

Acq: 19 Sep 2018 10:45

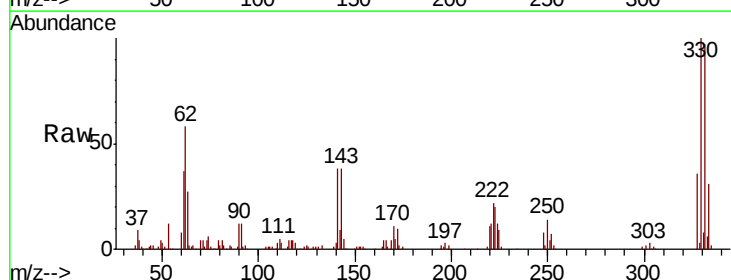
Tgt Ion:330 Resp: 201767

Ion Ratio Lower Upper

330 100

332 94.9 75.4 113.2

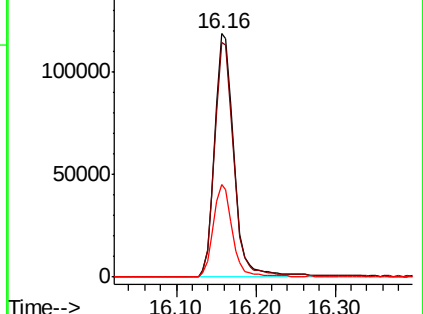
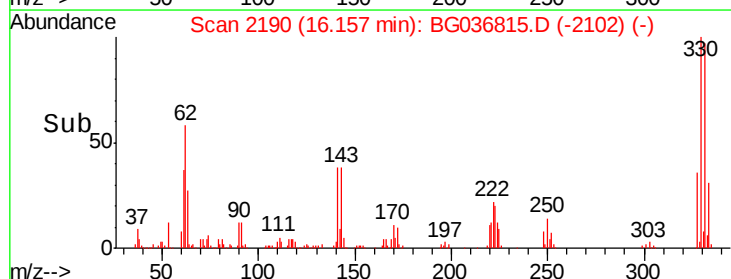
141 36.6 30.7 46.1



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

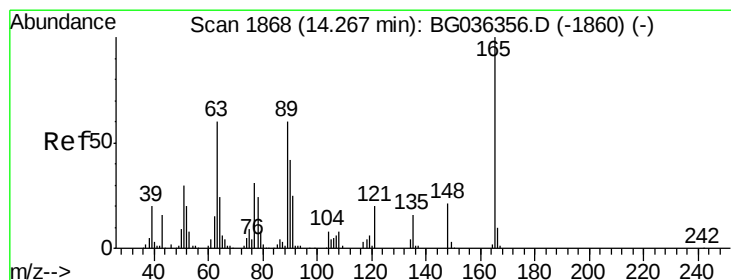
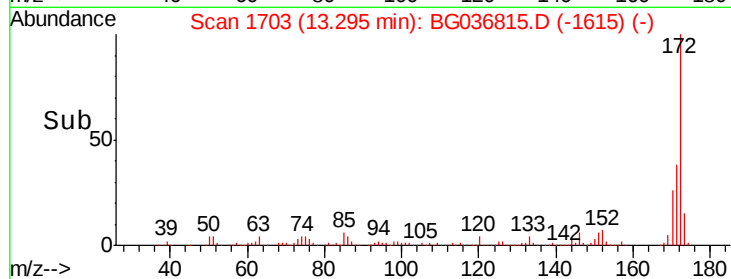
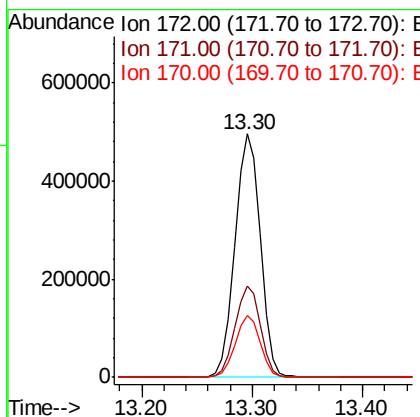
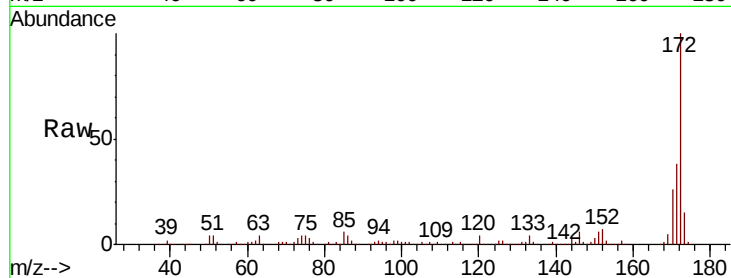




#44
2-Fluorobiphenyl
Concen: 80.252 ng
RT: 13.30 min Scan# 1703
Delta R.T. -0.01 min
Lab File: BG036815.D
Acq: 19 Sep 2018 10:45

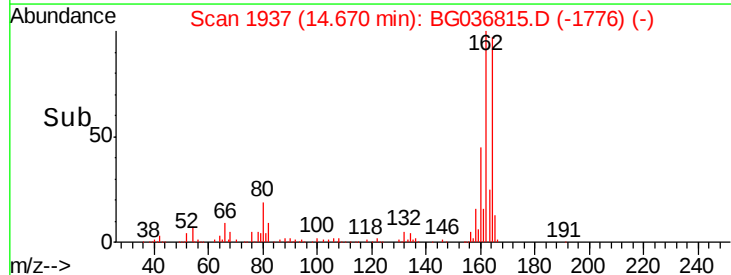
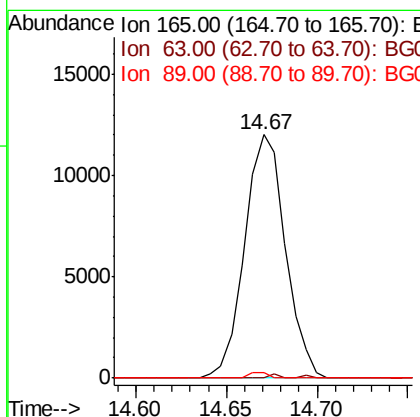
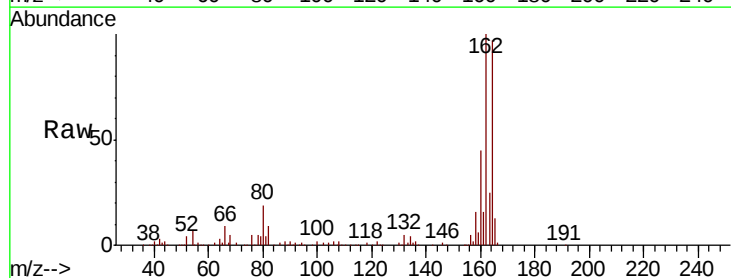
Instrument :
BNA_G
ClientSampleId :

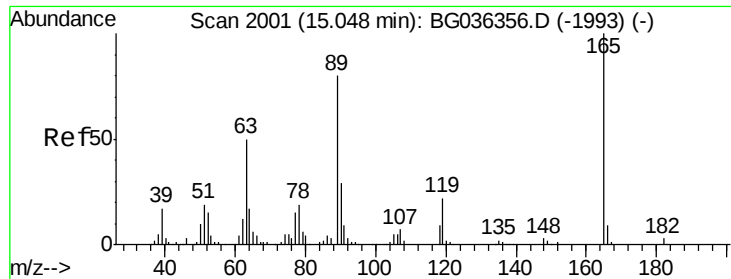
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.5	31.3	46.9
170	25.6	21.0	31.6



#50
2,6-Dinitrotoluene
Concen: 7.834 ng
RT: 14.67 min Scan# 1937
Delta R.T. 0.41 min
Lab File: BG036815.D
Acq: 19 Sep 2018 10:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	50.1	75.1#
89	2.5	47.8	71.6#

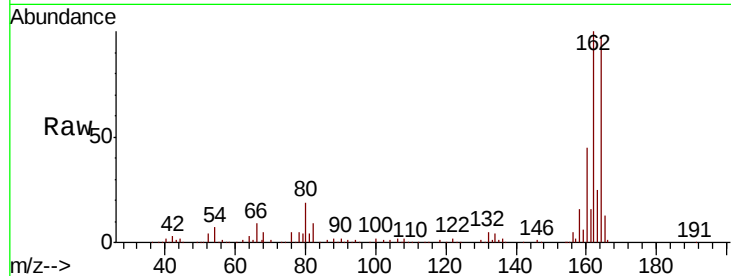




#56
 2,4-Dinitrotoluene
 Concen: 6.011 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. -0.37 min
 Lab File: BG036815.D
 Acq: 19 Sep 2018 10:45

Instrument :
 BNA_G
 ClientSampleId :

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

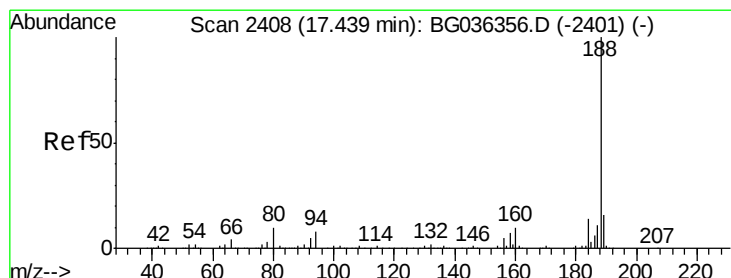
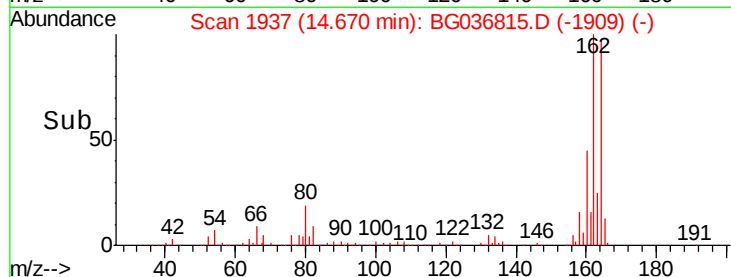
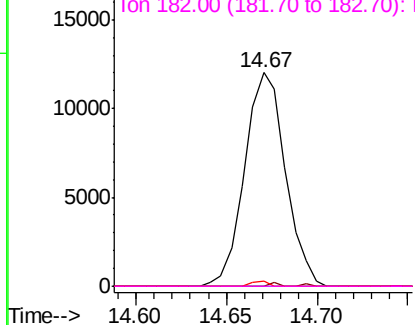


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

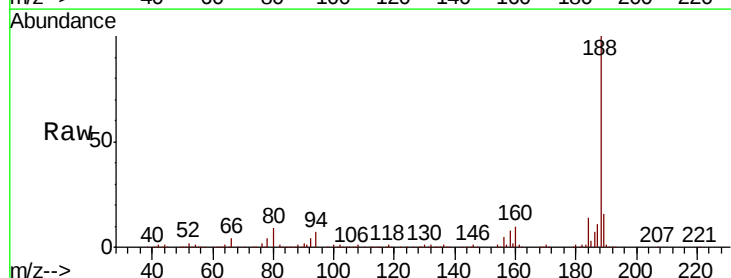
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036815.D
 Acq: 19 Sep 2018 10:45

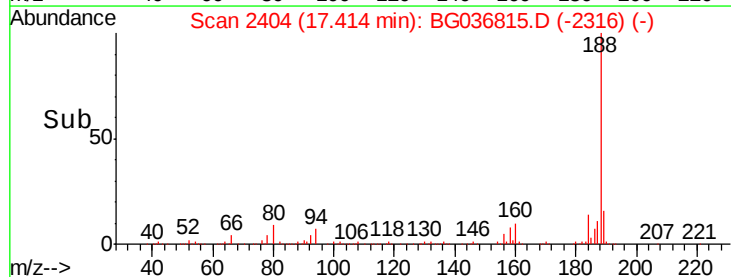
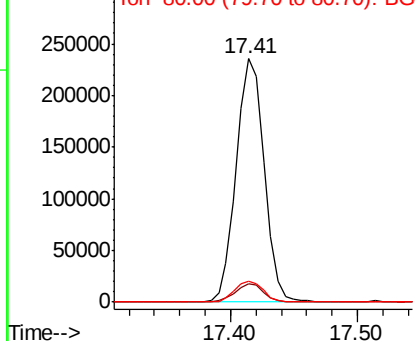
Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	8.7	8.1	12.1

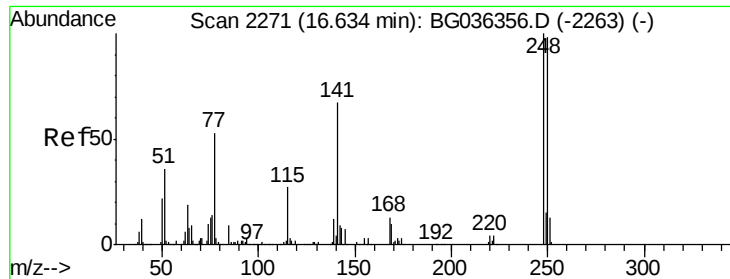


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

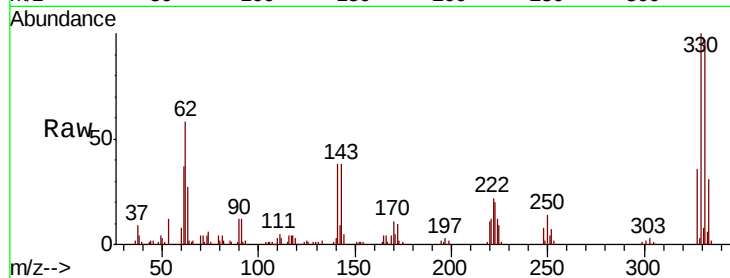




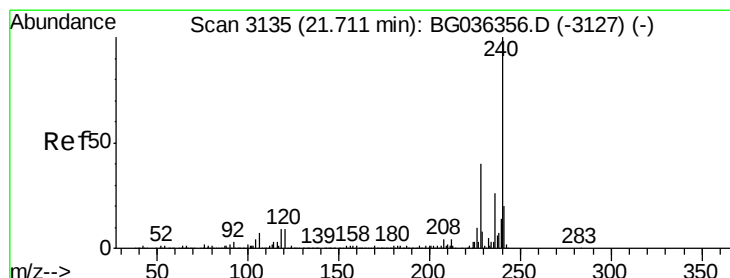
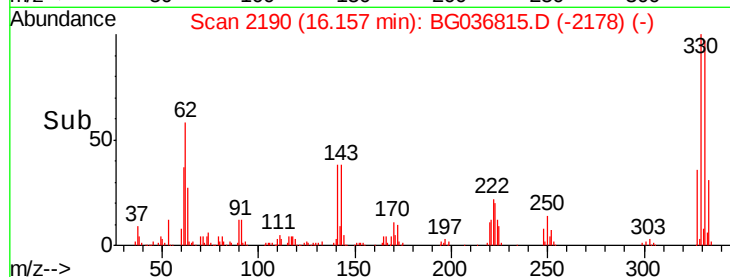
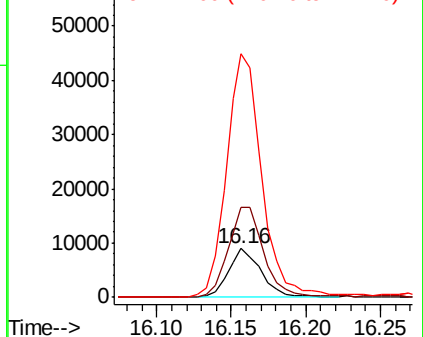
#66
4-Bromophenyl-phenylether
Concen: 3.265 ng
RT: 16.16 min Scan# 2190
Delta R.T. -0.46 min
Lab File: BG036815.D
Acq: 19 Sep 2018 10:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 13753
Ion Ratio Lower Upper
248 100
250 184.2 78.1 117.1#
141 501.8 53.7 80.5#

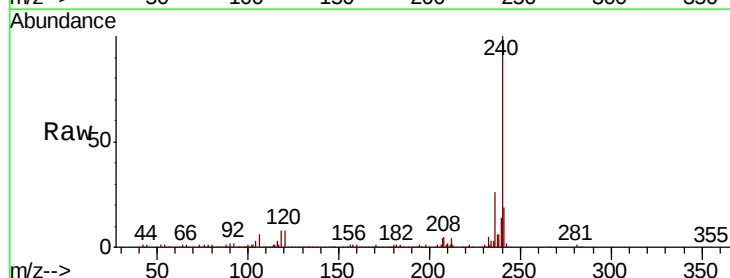


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

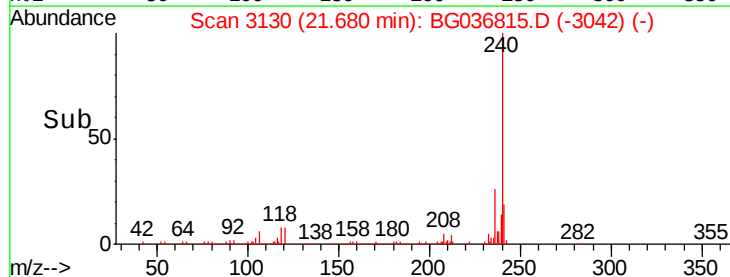
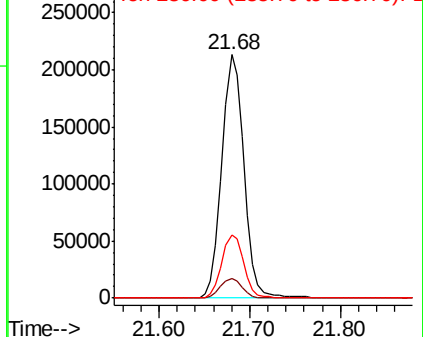


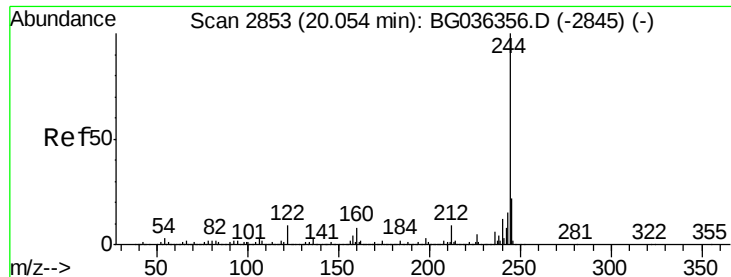
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BG036815.D
Acq: 19 Sep 2018 10:45

Tgt Ion:240 Resp: 361168
Ion Ratio Lower Upper
240 100
120 8.0 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





#78

Terphenyl-d14

Concen: 84.212 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036815.D

Acq: 19 Sep 2018 10:45

Instrument :

BNA_G

ClientSampleId :

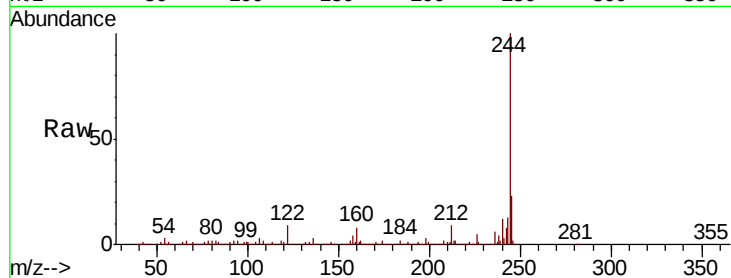
Tot Ion:244 Resp: 1301250

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	8.9	7.1	10.7

244 100

212 9.0 7.0 10.6

122 8.9 7.1 10.7

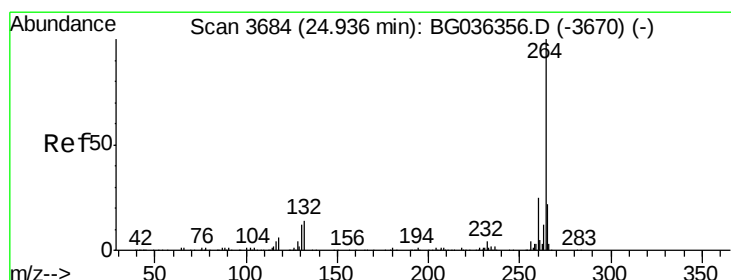
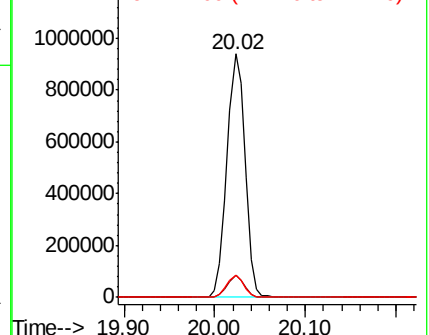
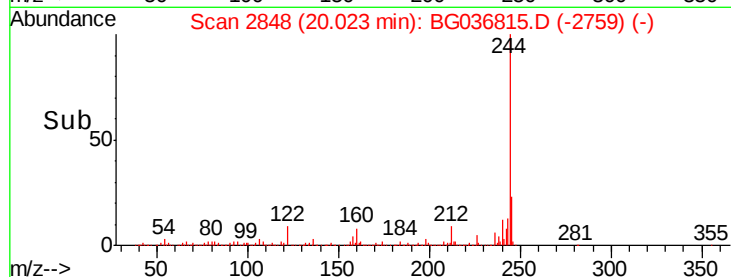


Abundance

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: BG036815.D

Acq: 19 Sep 2018 10:45

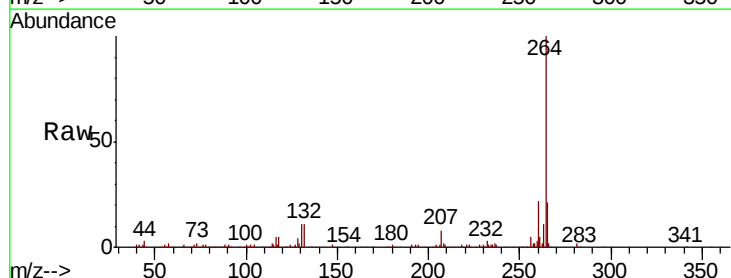
Tgt Ion:264 Resp: 353121

Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.6	29.4
265	21.1	17.4	26.0

264 100

260 22.1 19.6 29.4

265 21.1 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

