

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
 Data File : BG036648.D
 Acq On : 11 Sep 2018 6:03
 Operator : JU/SJ
 Sample : J4777-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 11 07:29:04 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

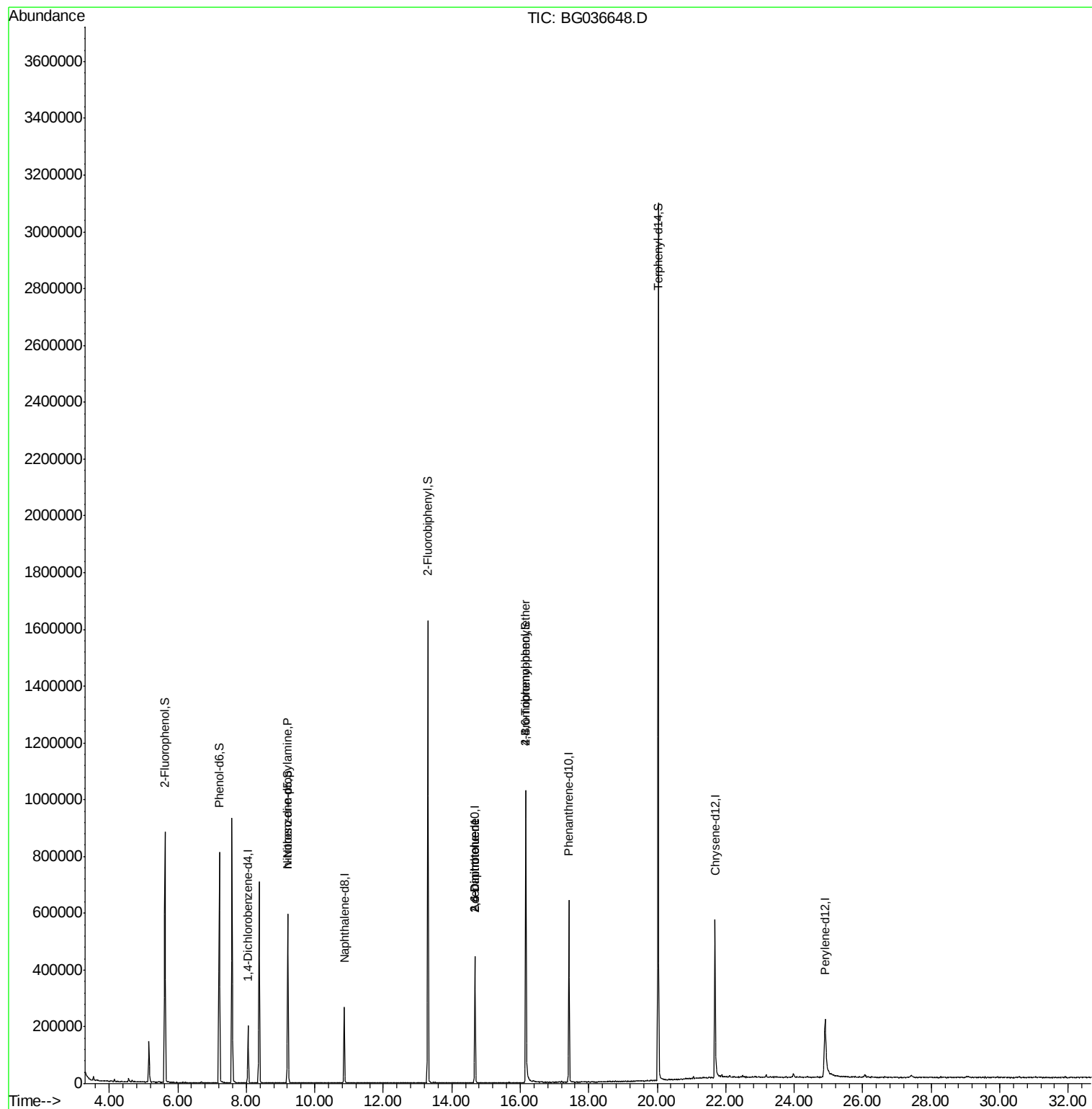
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55291	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	233192	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	158848	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	403530	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	399457	20.00	ng	-0.01
86) Perylene-d12	24.90	264	319247	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	375657	107.78	ng	0.00
7) Phenol-d6	7.21	99	485120	97.21	ng	0.00
23) Nitrobenzene-d5	9.22	82	363781	84.64	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	213317	112.54	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	846629	76.10	ng	-0.01
78) Terphenyl-d14	20.03	244	1458107	85.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	49164	13.182	ng	# 69
50) 2,6-Dinitrotoluene	14.68	165	20291	7.602	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	20291	5.833	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	14935	3.161	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091018\
Data File : BG036648.D
Acq On : 11 Sep 2018 6:03
Operator : JU/SJ
Sample : J4777-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 11 07:29:04 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



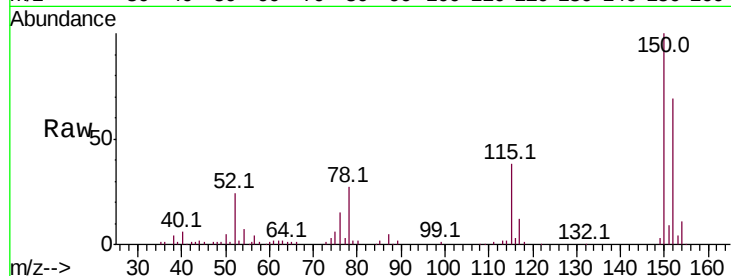


#1

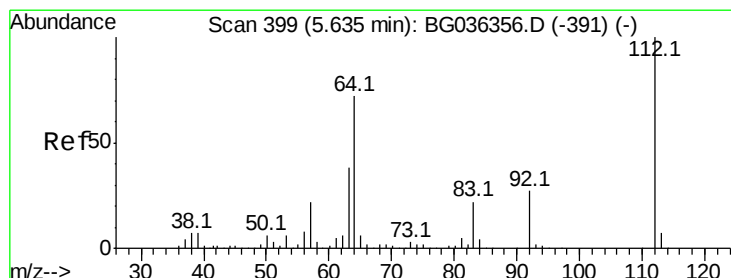
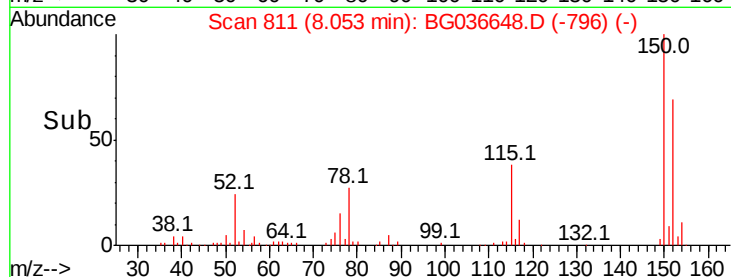
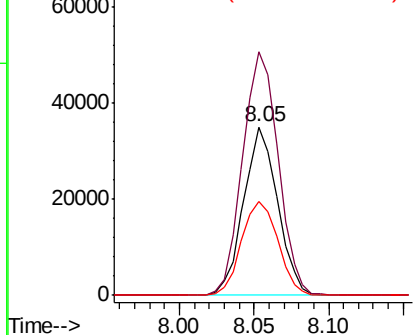
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036648.D
Acq: 11 Sep 2018 6:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 55291
Ion Ratio Lower Upper
152 100
150 144.7 119.5 179.3
115 55.7 44.5 66.7



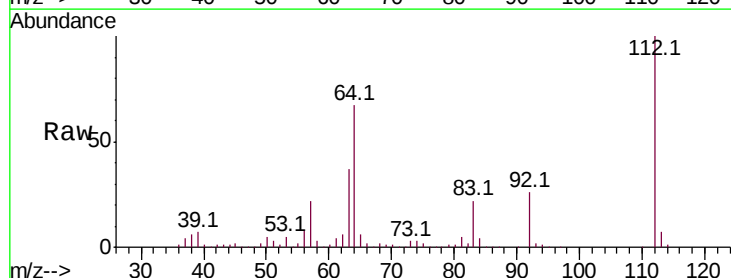
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



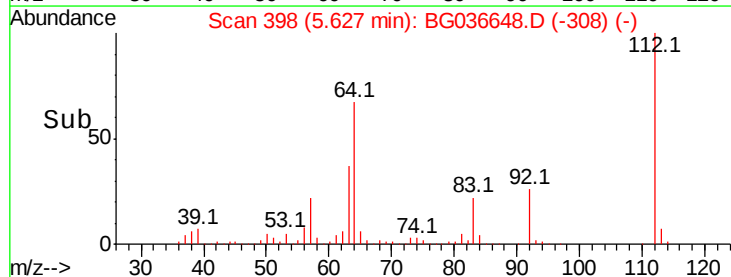
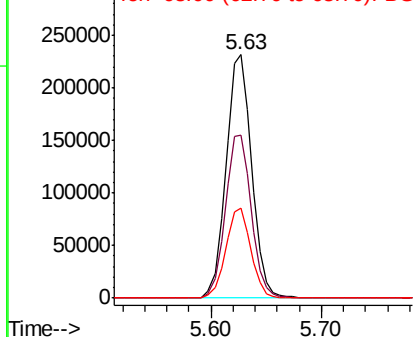
#5

2-Fluorophenol
Concen: 107.776 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036648.D
Acq: 11 Sep 2018 6:03

Tgt Ion:112 Resp: 375657
Ion Ratio Lower Upper
112 100
64 66.8 57.2 85.8
63 36.8 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: 97.210 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036648.D

Acq: 11 Sep 2018 6:03

Instrument :

BNA_G

ClientSampleId :

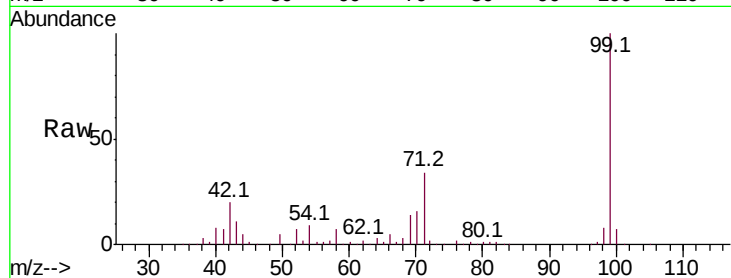
Tot Ion: 99 Resp: 485120

Ion Ratio Lower Upper

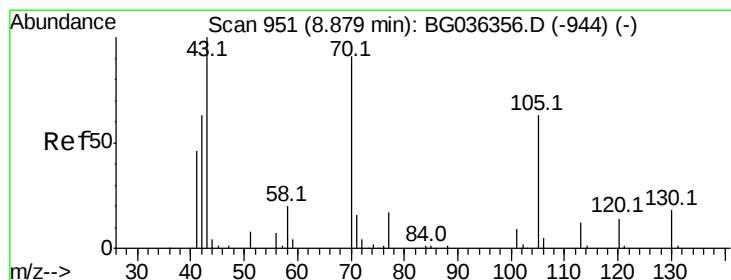
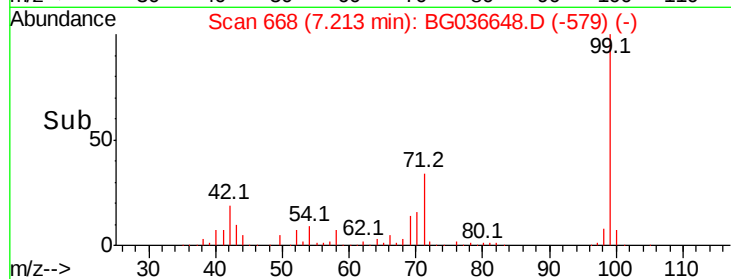
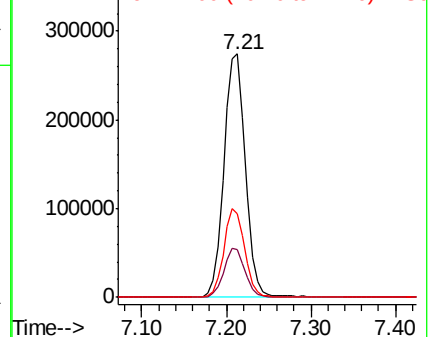
99 100

42 19.6 16.5 24.7

71 34.2 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: 13.182 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036648.D

Acq: 11 Sep 2018 6:03

Tgt Ion: 70 Resp: 49164

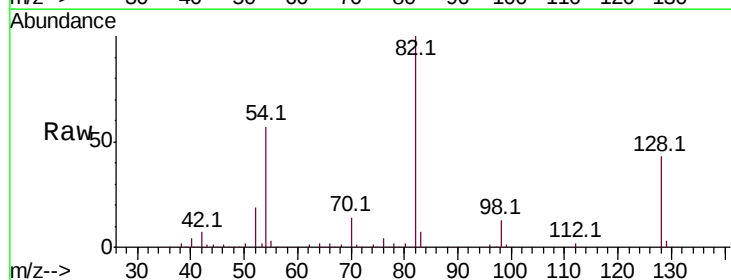
Ion Ratio Lower Upper

70 100

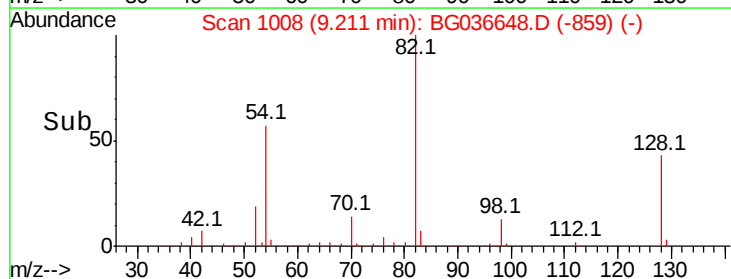
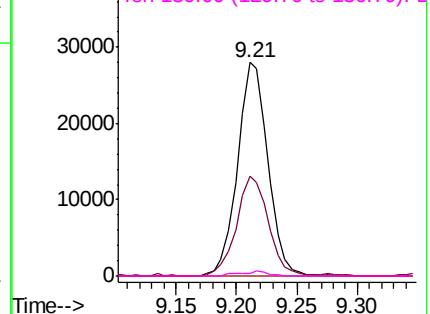
42 46.9 56.2 84.4#

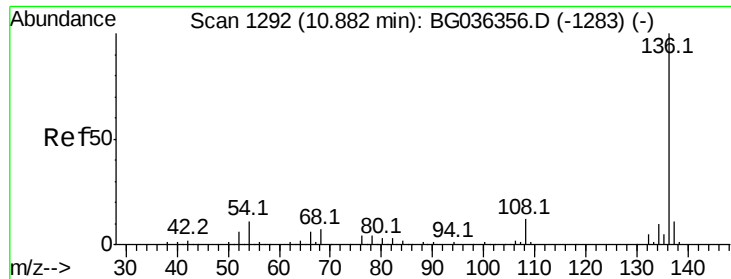
101 0.0 7.8 11.6#

130 1.4 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

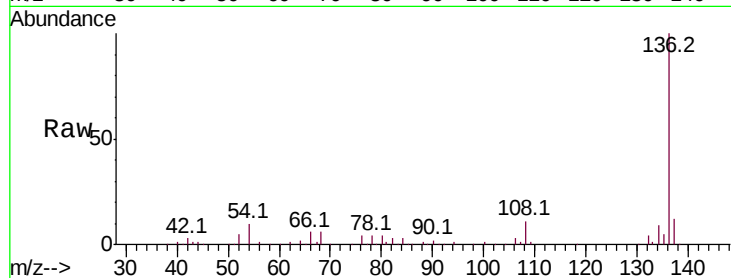




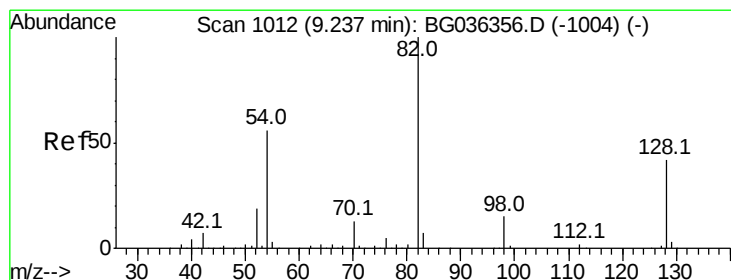
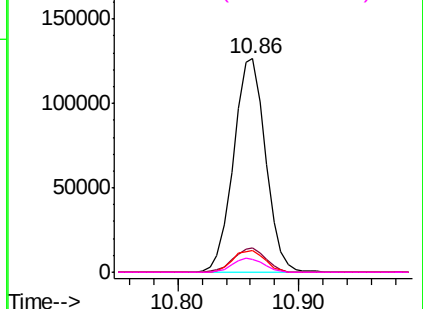
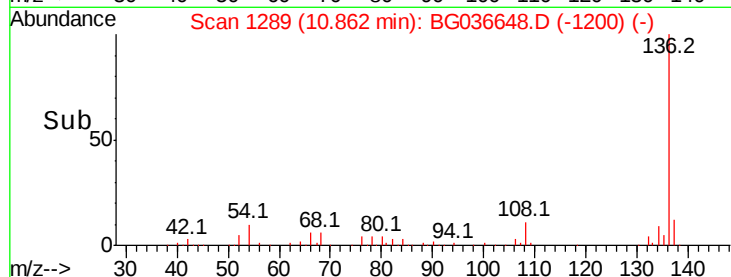
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.00 min
Lab File: BG036648.D
Acq: 11 Sep 2018 6:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	233192
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.8	13.2
54	10.0	9.2	13.8
68	6.3	5.8	8.6

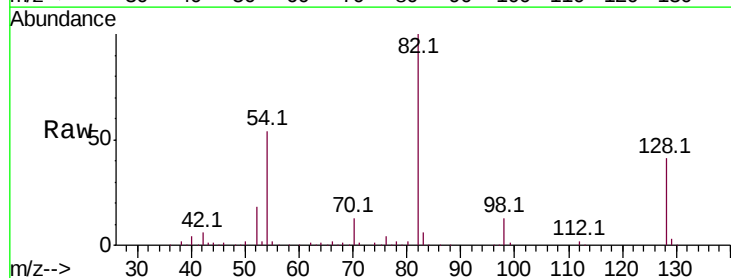


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

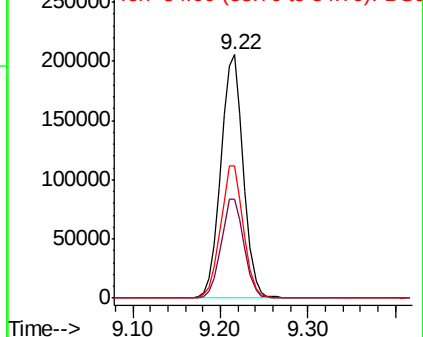
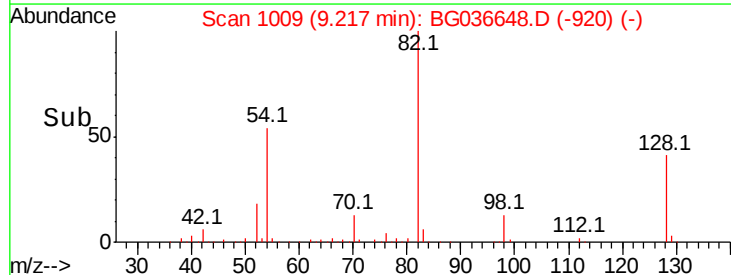


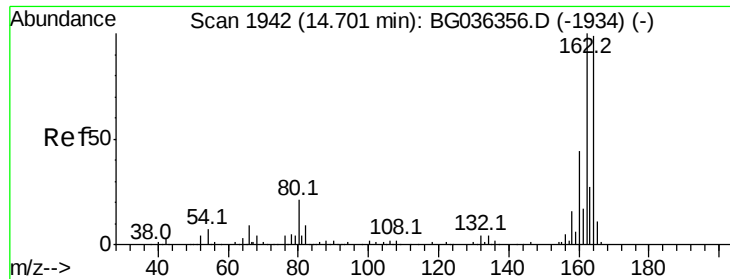
#23
Nitrobenzene-d5
Concen: 84.641 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036648.D
Acq: 11 Sep 2018 6:03

Tgt Ion:	82	Resp:	363781
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	54.3	45.1	67.7



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

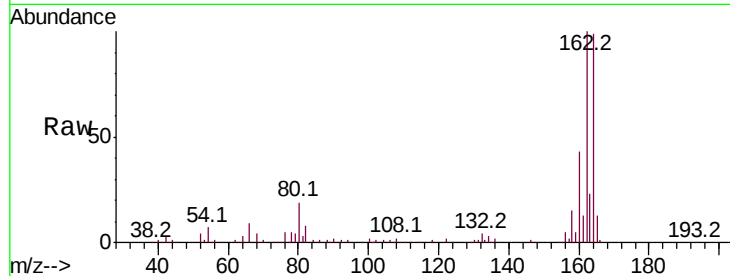




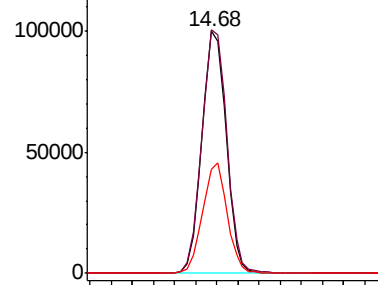
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036648.D
 Acq: 11 Sep 2018 6:03

Instrument :
 BNA_G
 ClientSampleId :

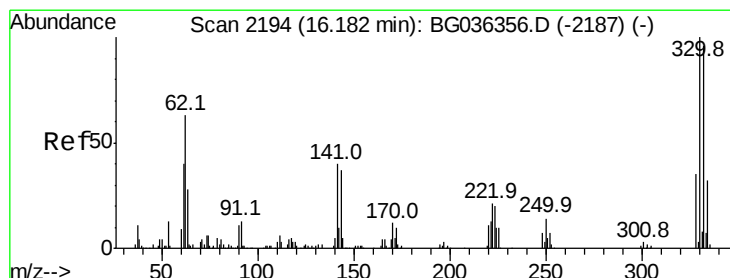
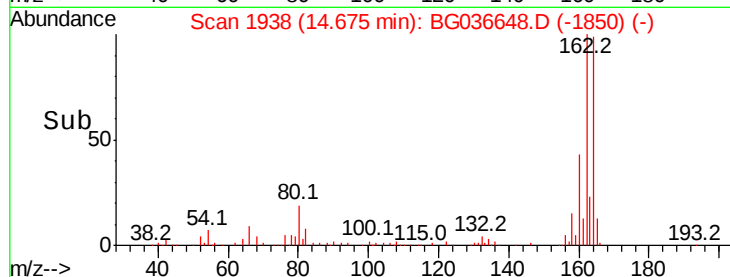
Tot Ion:164 Resp: 158848
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.7 121.1
 160 42.9 35.3 52.9



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

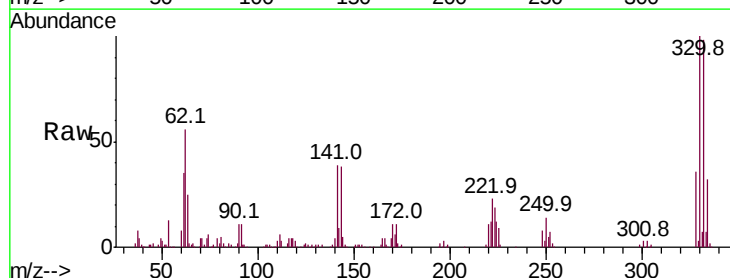


Time-->

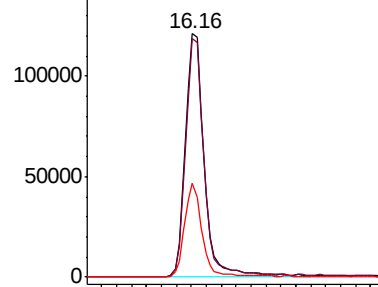


#41
 2,4,6-Tribromophenol
 Concen: 112.544 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036648.D
 Acq: 11 Sep 2018 6:03

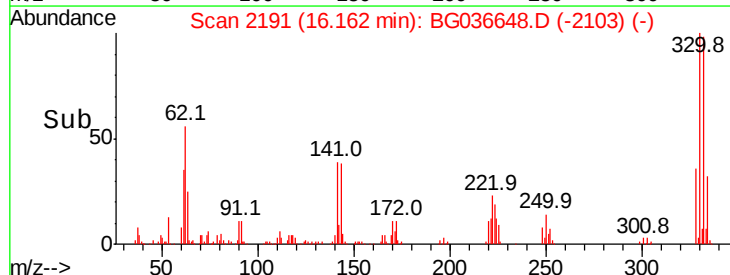
Tgt Ion:330 Resp: 213317
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.4 113.2
 141 35.5 30.7 46.1



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



Time-->

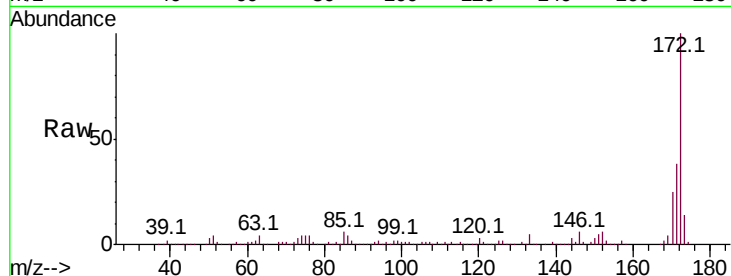




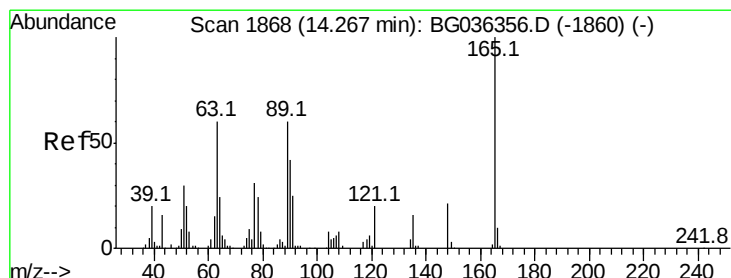
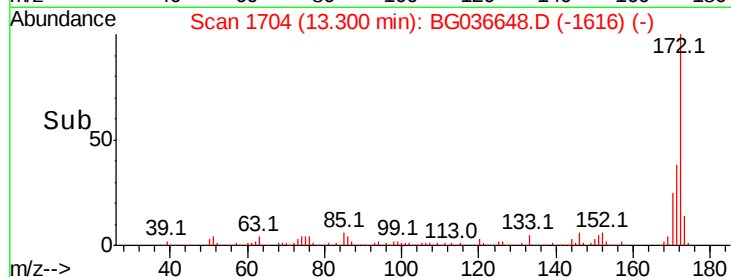
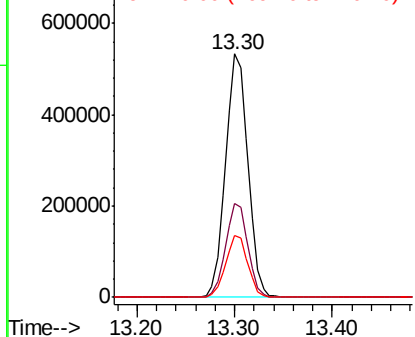
#44
 2-Fluorobiphenyl
 Concen: 76.100 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036648.D
 Acq: 11 Sep 2018 6:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.5	21.0	31.6

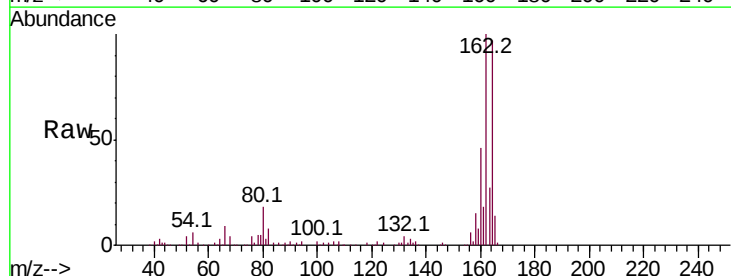


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

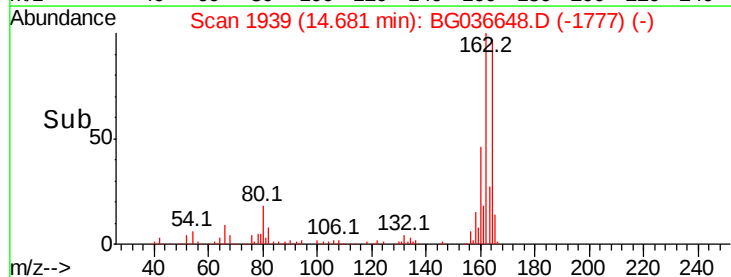
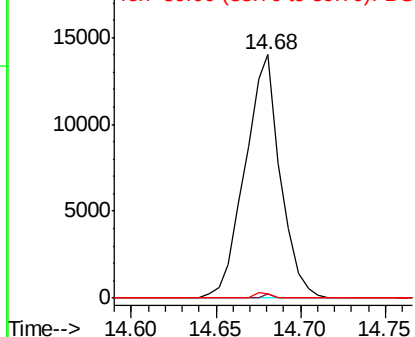


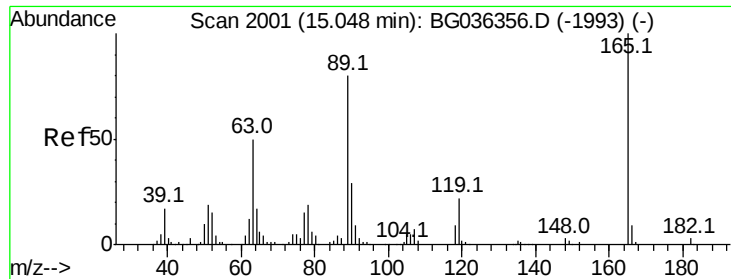
#50
 2,6-Dinitrotoluene
 Concen: 7.602 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. 0.42 min
 Lab File: BG036648.D
 Acq: 11 Sep 2018 6:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	50.1	75.1#
89	1.8	47.8	71.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

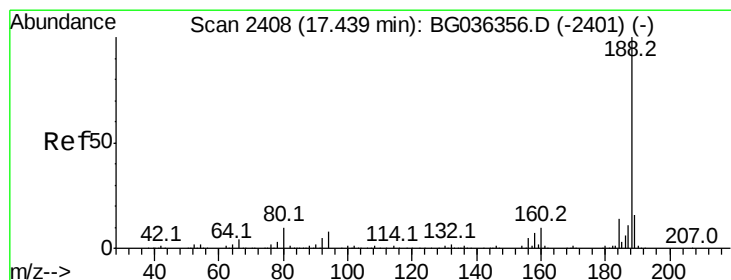
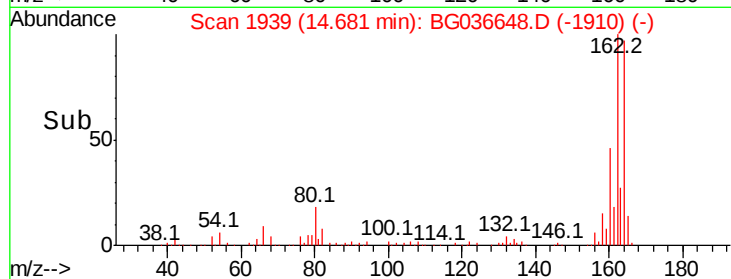
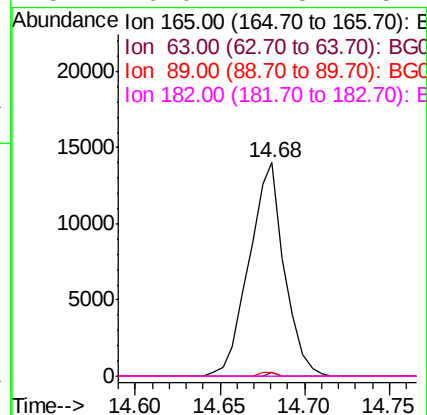
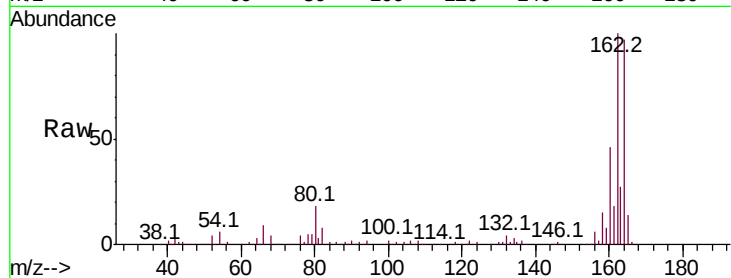




#56
 2,4-Dinitrotoluene
 Concen: 5.833 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.36 min
 Lab File: BG036648.D
 Acq: 11 Sep 2018 6:03

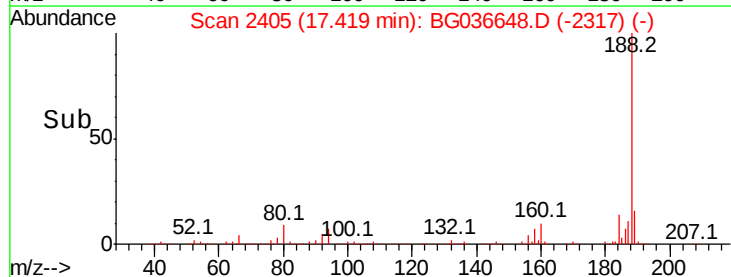
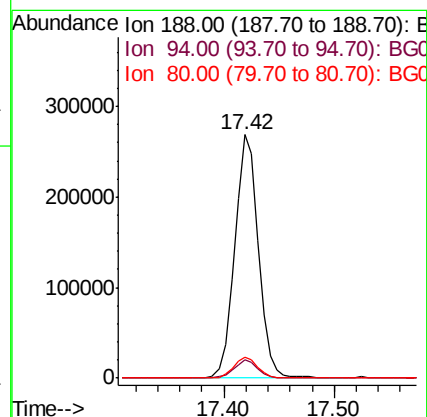
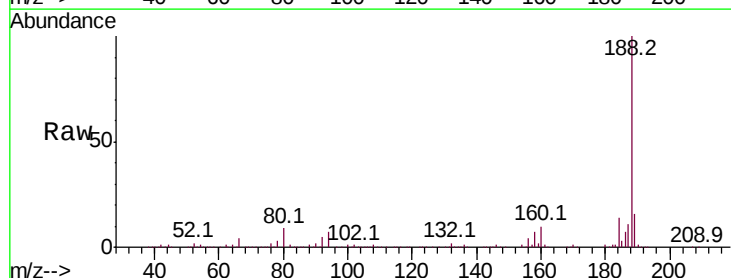
Instrument :
 BNA_G
 ClientSampleId :

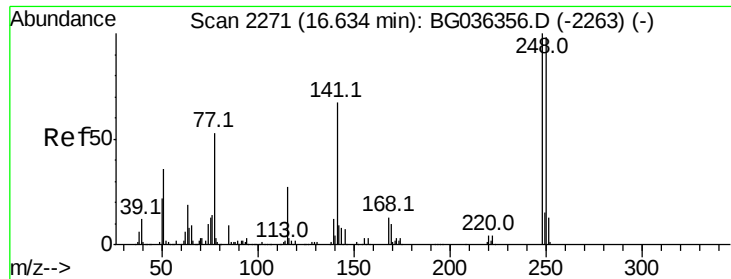
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	1.8	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036648.D
 Acq: 11 Sep 2018 6:03

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.4	6.7	10.1
80	8.5	8.1	12.1

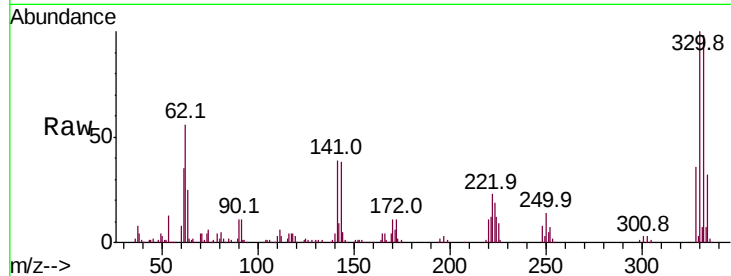




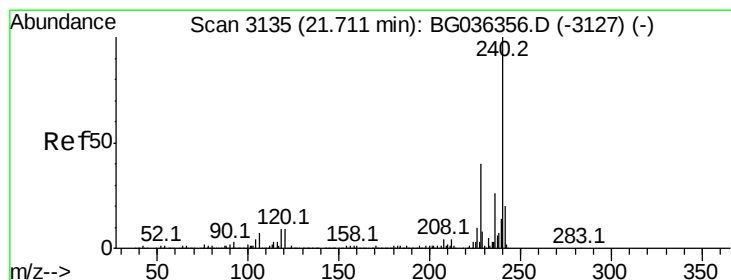
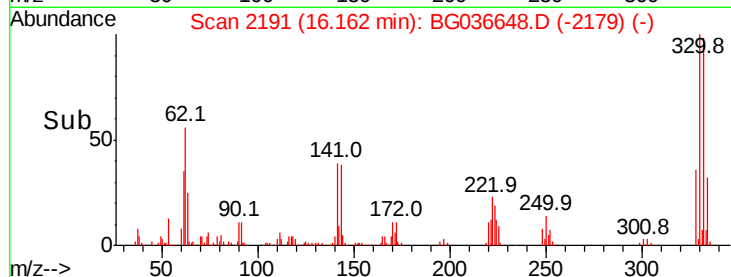
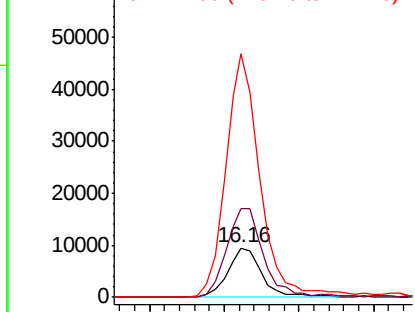
#66
4-Bromophenyl-phenylether
Concen: 3.161 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.46 min
Lab File: BG036648.D
Acq: 11 Sep 2018 6:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 14935
Ion Ratio Lower Upper
248 100
250 179.7 78.1 117.1#
141 495.6 53.7 80.5#

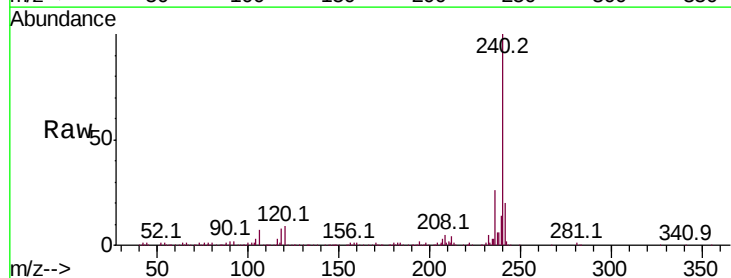


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

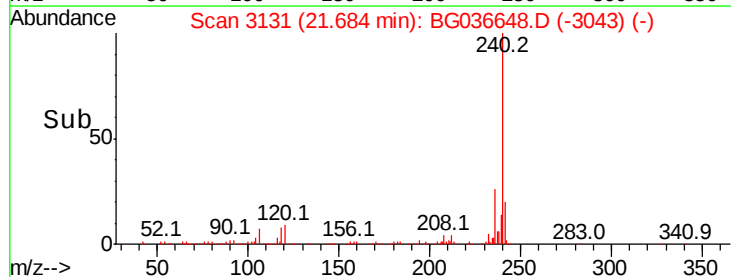
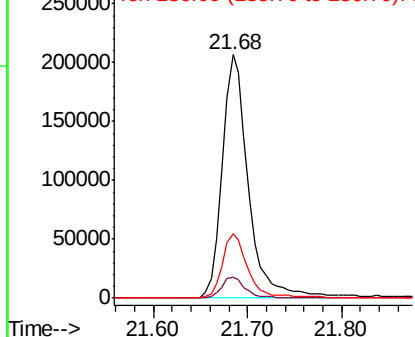


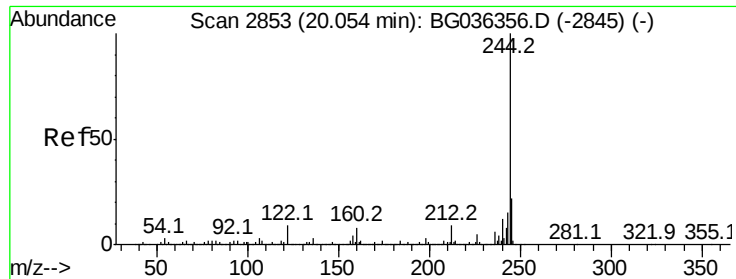
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036648.D
Acq: 11 Sep 2018 6:03

Tgt Ion:240 Resp: 399457
Ion Ratio Lower Upper
240 100
120 8.7 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





#78

Terphenyl-d14

Concen: 85.318 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036648.D

Acq: 11 Sep 2018 6:03

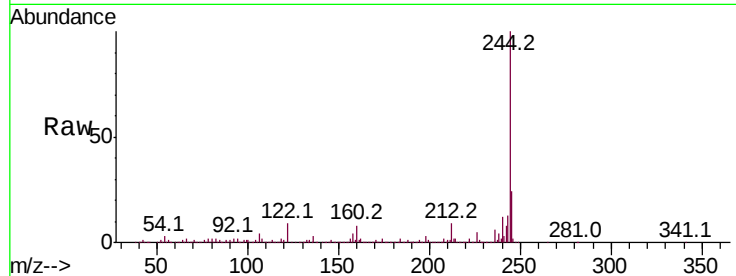
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1458107

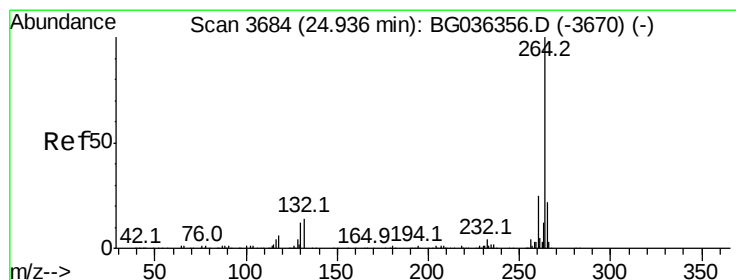
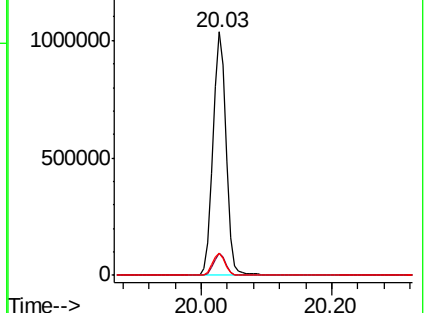
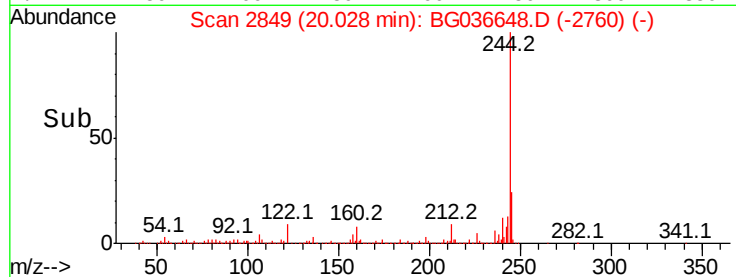
Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.1	7.1	10.7



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: 24.90 min Scan# 3678

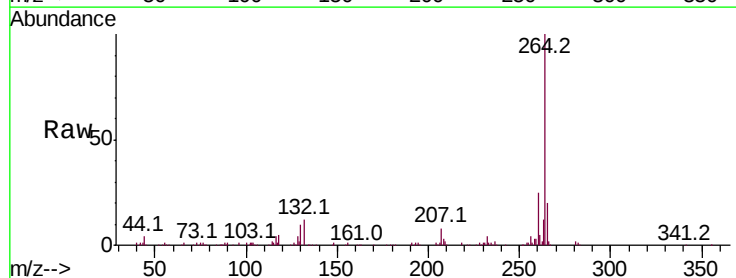
Delta R.T. -0.00 min

Lab File: BG036648.D

Acq: 11 Sep 2018 6:03

Tgt Ion:264 Resp: 319247

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.6	29.4
265	19.6	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

