

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036807.D
 Acq On : 19 Sep 2018 5:34
 Operator : JU/SJ
 Sample : J4947-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 06:42:03 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

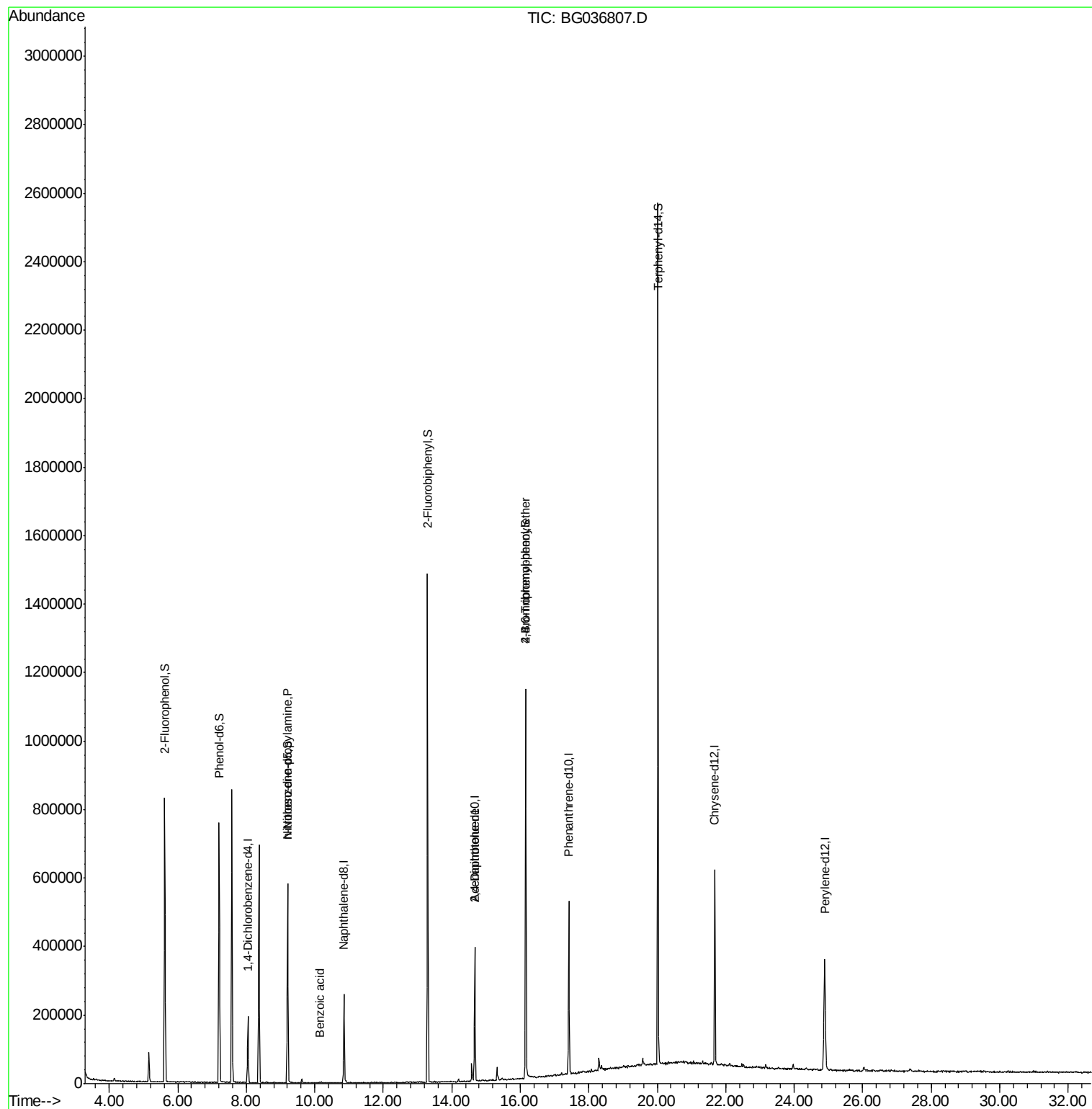
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53969	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	219861	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	138294	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	326729	20.00	ng	0.00
75) Chrysene-d12	21.68	240	351967	20.00	ng	-0.02
86) Perylene-d12	24.89	264	360798	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	341155	100.27	ng	0.00
7) Phenol-d6	7.21	99	429149	88.10	ng	0.00
23) Nitrobenzene-d5	9.21	82	346021	85.39	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	212261	128.63	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	770165	79.52	ng	-0.02
78) Terphenyl-d14	20.02	244	1202976	79.89	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	47365	13.011	ng	# 72
32) Benzoic acid	10.13	122	100	4.517	ng	# 61
56) 2,4-Dinitrotoluene	14.68	165	17675	5.836	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	14449	3.777	ng	# 1

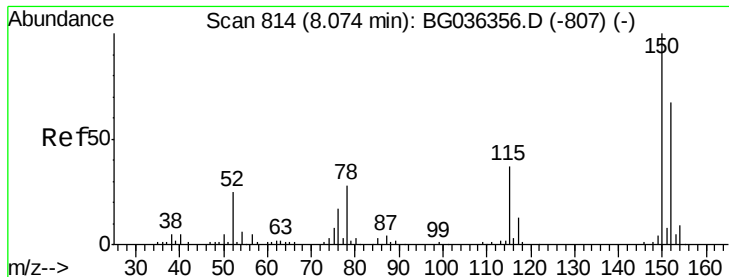
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036807.D
Acq On : 19 Sep 2018 5:34
Operator : JU/SJ
Sample : J4947-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 19 06:42:03 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



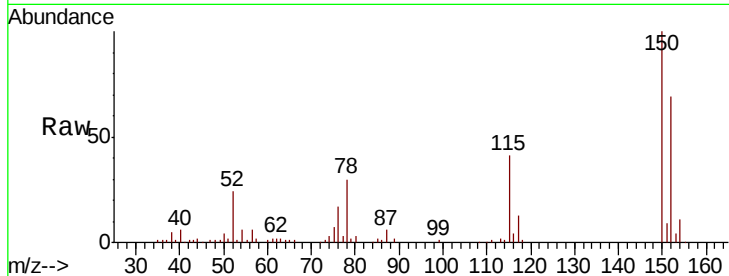


#1

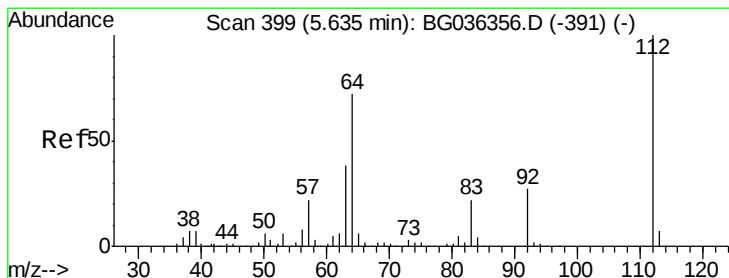
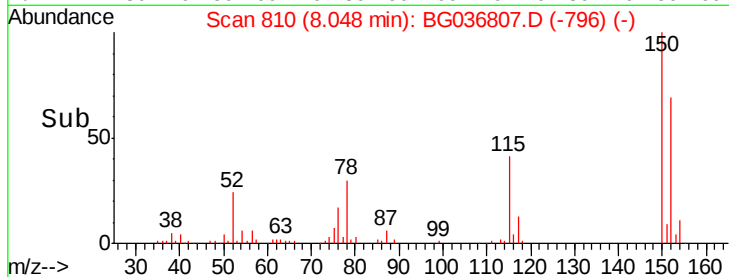
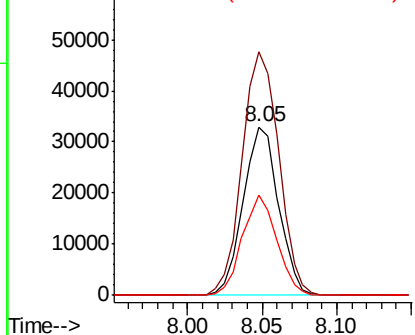
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 810
 Delta R.T. -0.02 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 53969
 Ion Ratio Lower Upper
 152 100
 150 144.4 119.5 179.3
 115 59.4 44.5 66.7



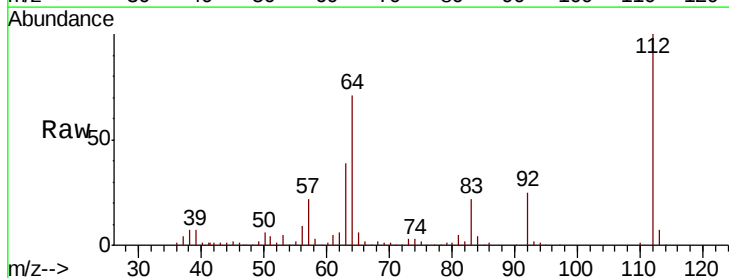
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



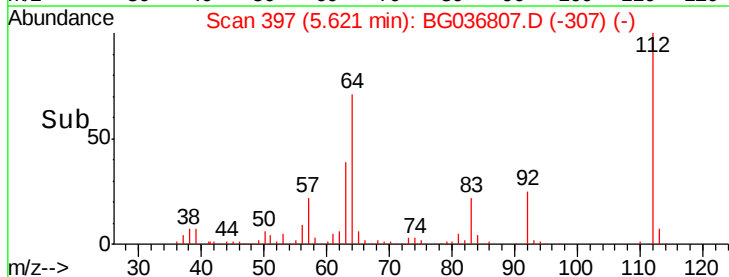
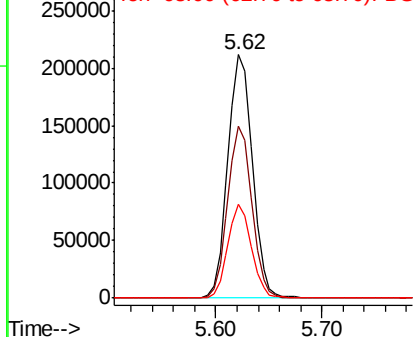
#5

2-Fluorophenol
 Concen: 100.275 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Tgt Ion:112 Resp: 341155
 Ion Ratio Lower Upper
 112 100
 64 70.6 57.2 85.8
 63 38.6 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: 88.101 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036807.D

Acq: 19 Sep 2018 5:34

Instrument :

BNA_G

ClientSampleId :

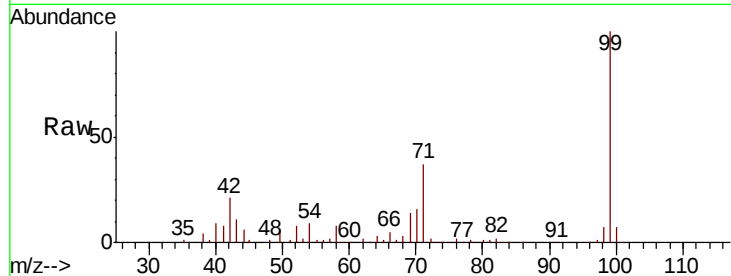
Tot Ion: 99 Resp: 429149

Ion Ratio Lower Upper

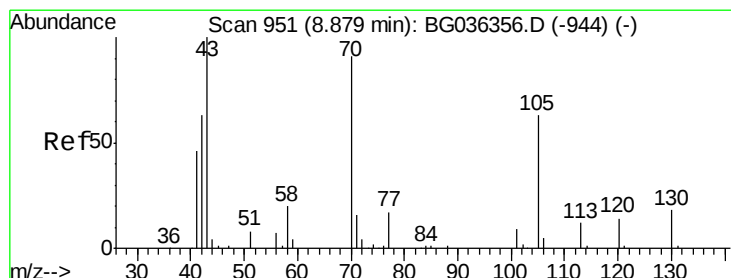
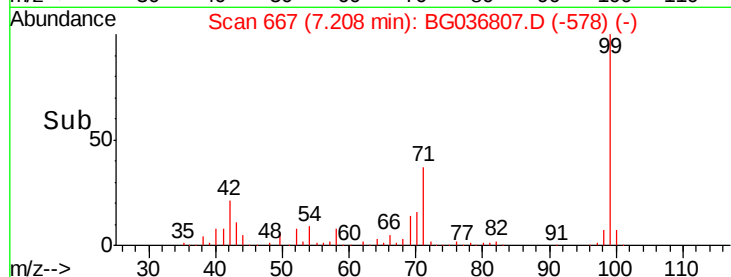
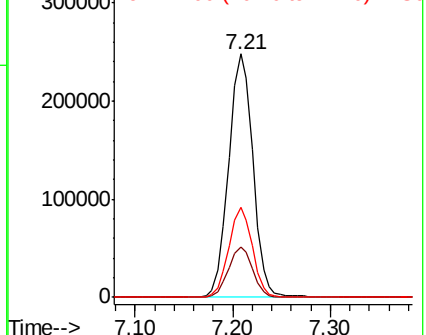
99 100

42 20.7 16.5 24.7

71 37.0 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: 13.011 ng

RT: 9.21 min Scan# 1008

Delta R.T. 0.35 min

Lab File: BG036807.D

Acq: 19 Sep 2018 5:34

Tgt Ion: 70 Resp: 47365

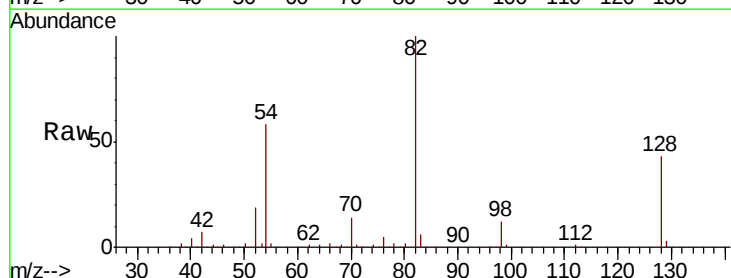
Ion Ratio Lower Upper

70 100

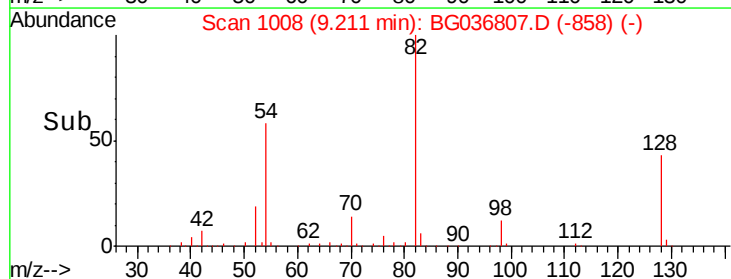
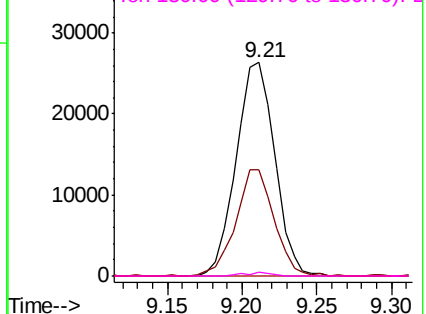
42 49.5 56.2 84.4#

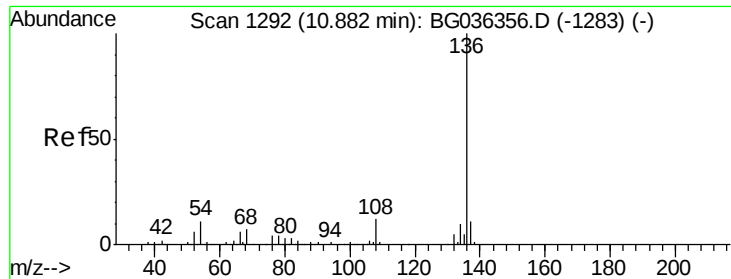
101 0.0 7.8 11.6#

130 1.6 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

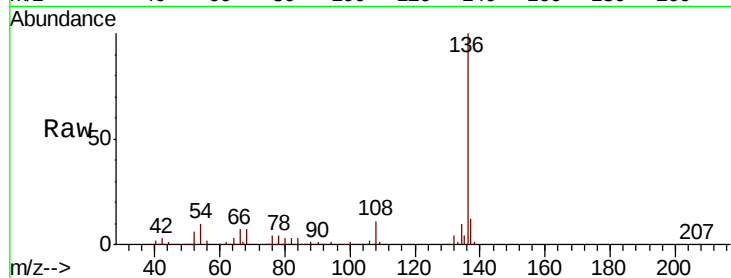




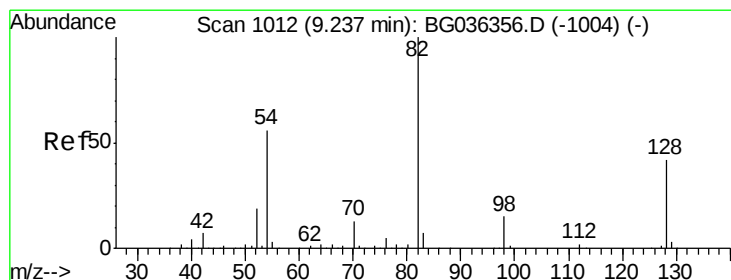
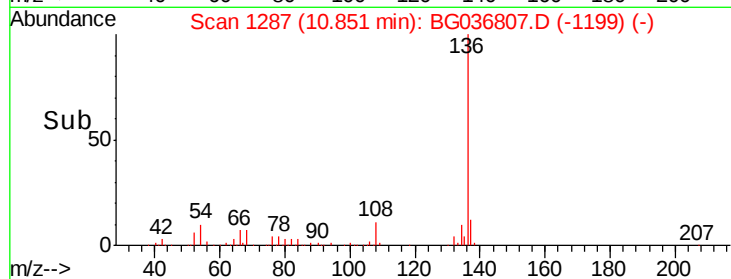
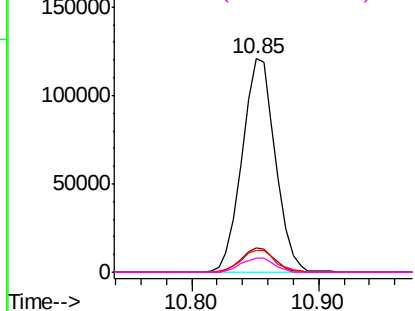
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036807.D
Acq: 19 Sep 2018 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	219861
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.8 13.2
54	10.1	9.2 13.8
68	6.6	5.8 8.6

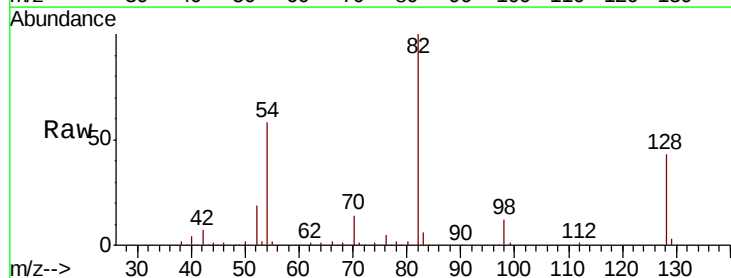


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

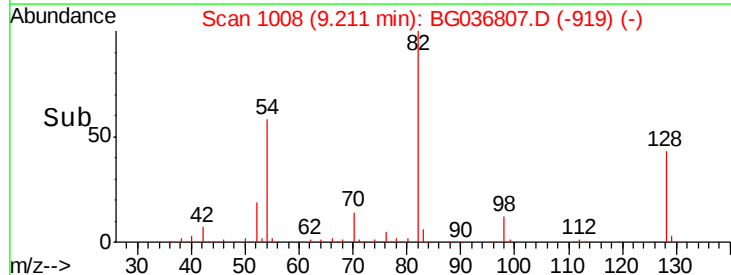
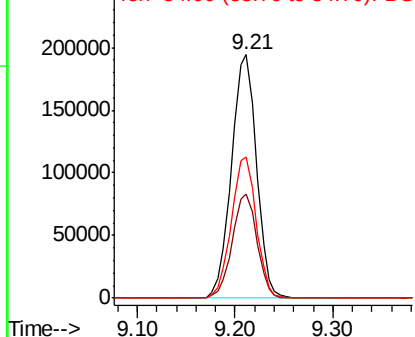


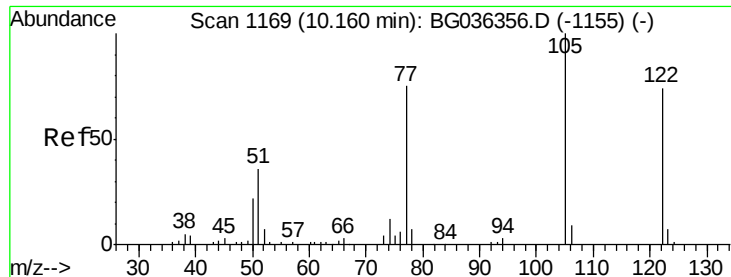
#23
Nitrobenzene-d5
Concen: 85.390 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036807.D
Acq: 19 Sep 2018 5:34

Tgt Ion: 82	Resp:	346021
Ion Ratio	Lower	Upper
82	100	
128	42.8	33.3 49.9
54	58.1	45.1 67.7



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

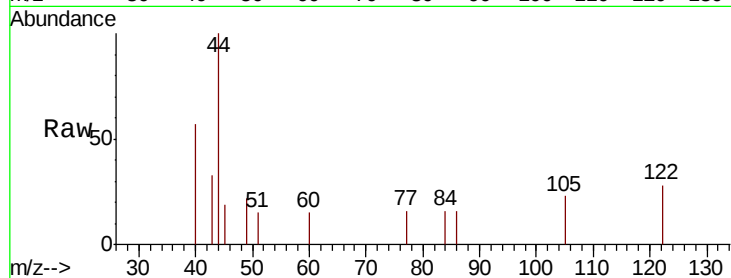




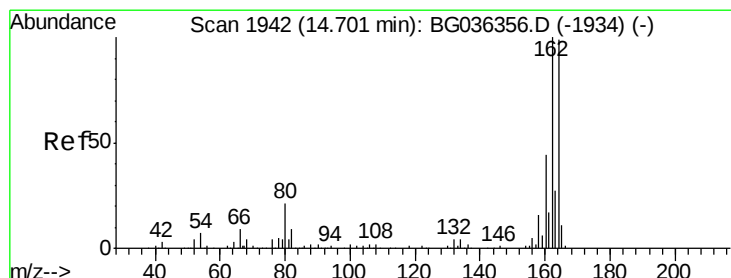
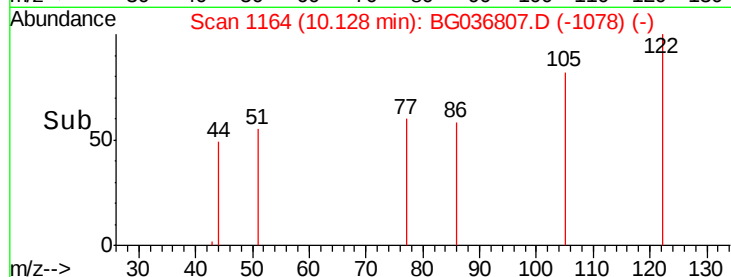
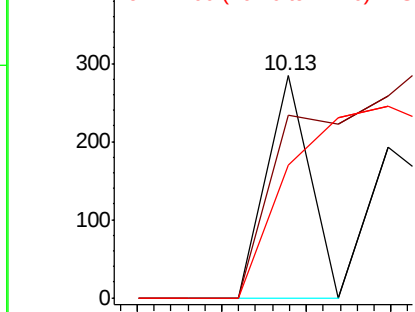
#32
Benzoic acid
Concen: 4.517 ng
RT: 10.13 min Scan# 1164
Delta R.T. -0.03 min
Lab File: BG036807.D
Acq: 19 Sep 2018 5:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 100
Ion Ratio Lower Upper
122 100
105 82.0 108.1 148.1#
77 59.9 76.3 116.3#

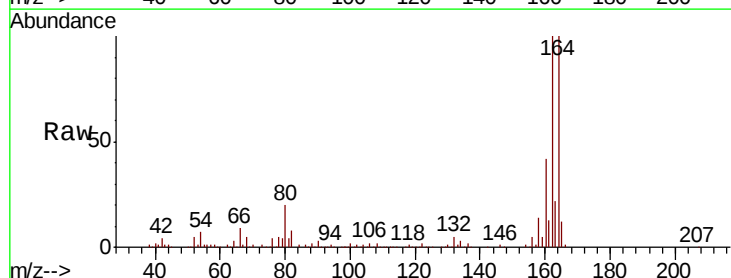


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

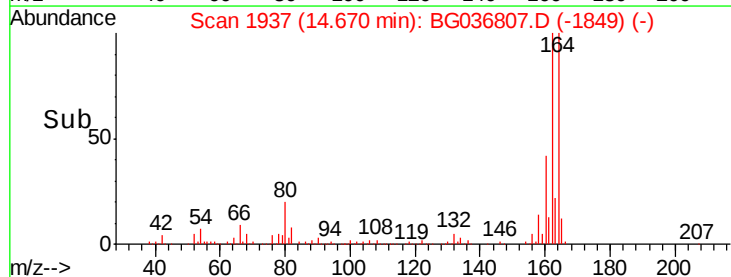
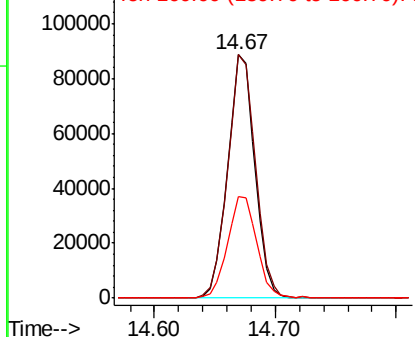


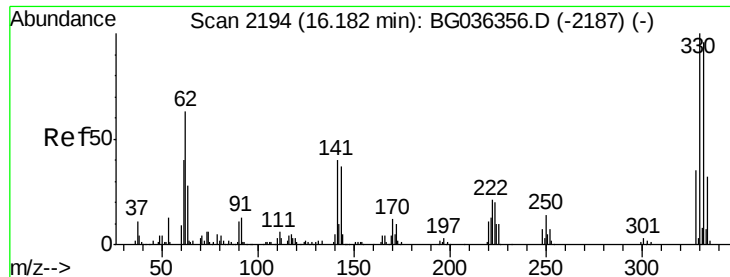
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.02 min
Lab File: BG036807.D
Acq: 19 Sep 2018 5:34

Tgt Ion:164 Resp: 138294
Ion Ratio Lower Upper
164 100
162 99.8 80.7 121.1
160 41.7 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

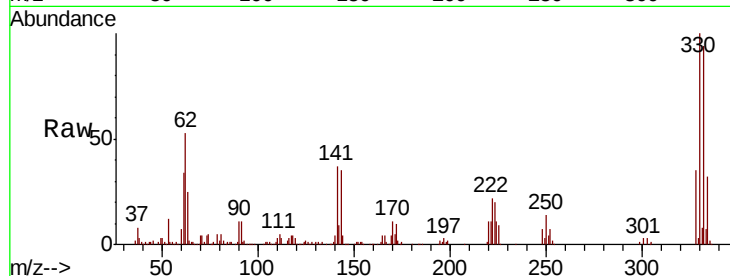




#41
 2,4,6-Tribromophenol
 Concen: 128.631 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	75.4	113.2
141	37.4	30.7	46.1

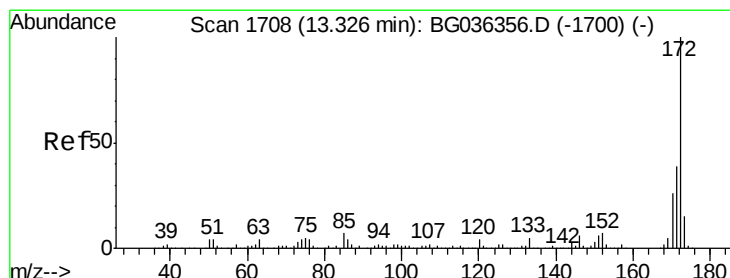
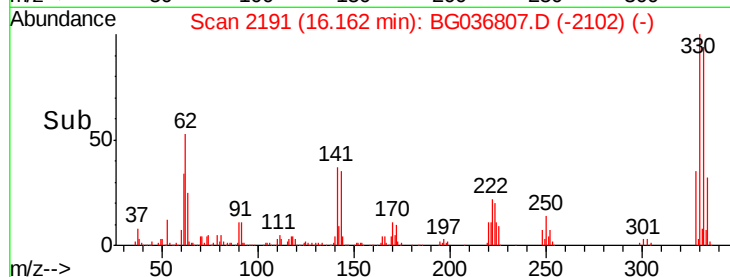
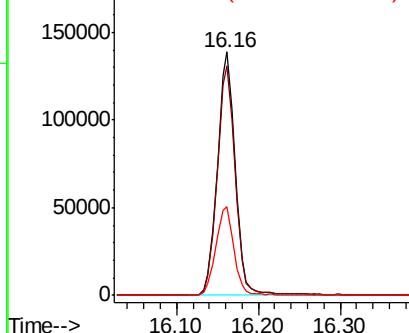


Abundance

Ion 329.80 (329.50 to 330.50): E

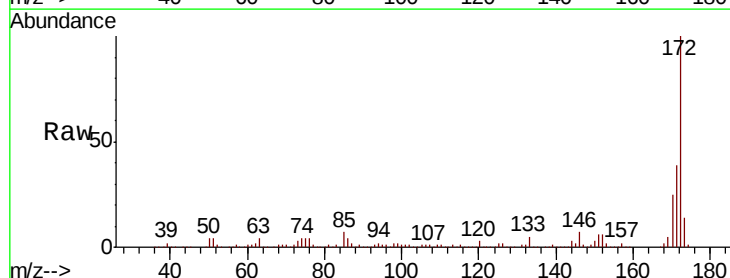
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 79.516 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.5	31.3	46.9
170	25.4	21.0	31.6

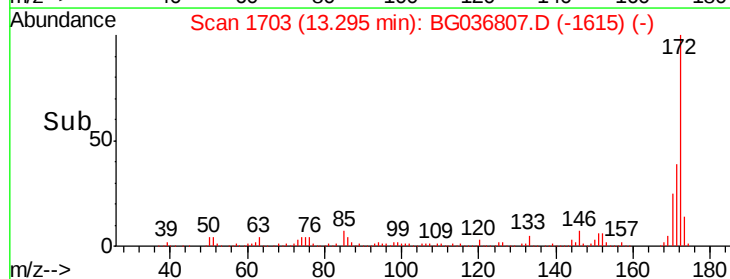
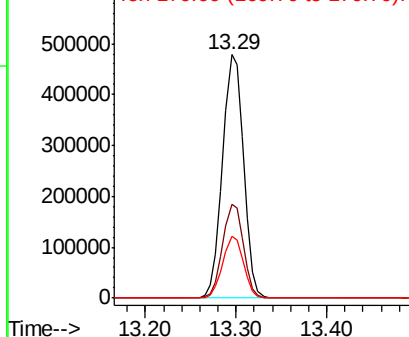


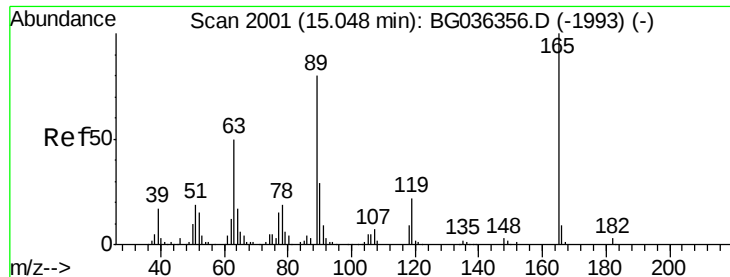
Abundance

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

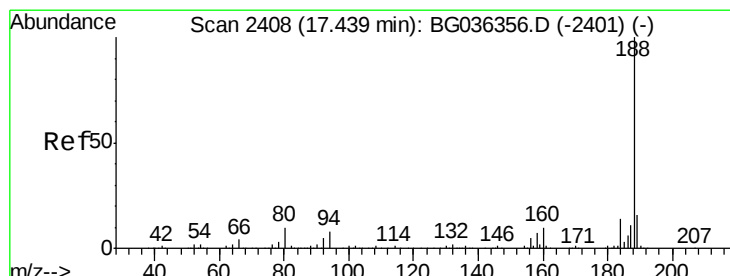
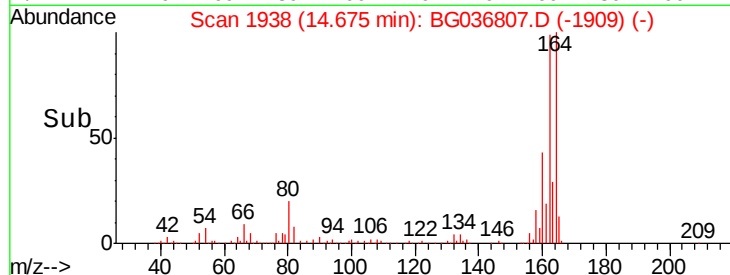
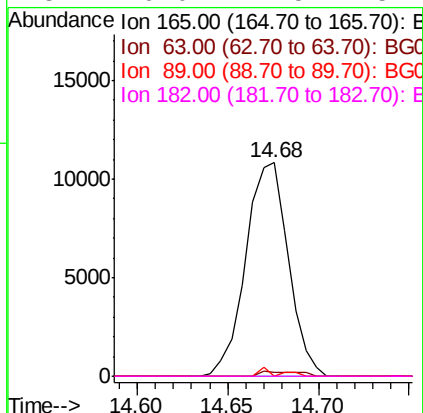
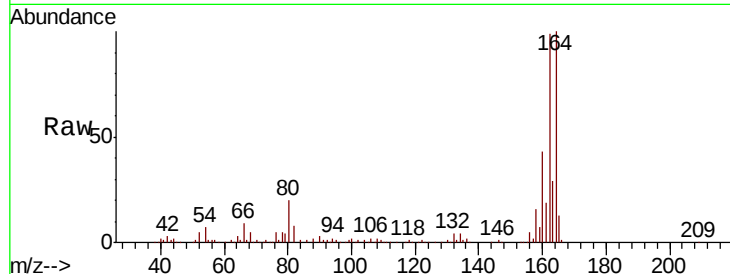




#56
 2,4-Dinitrotoluene
 Concen: 5.836 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

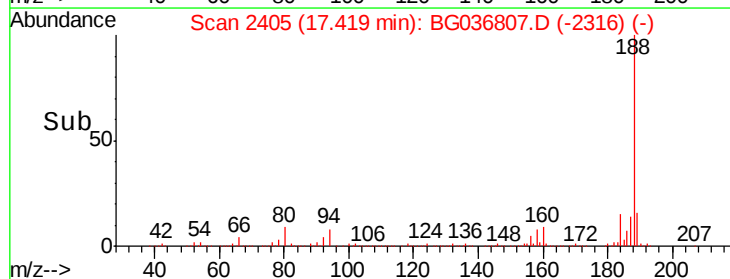
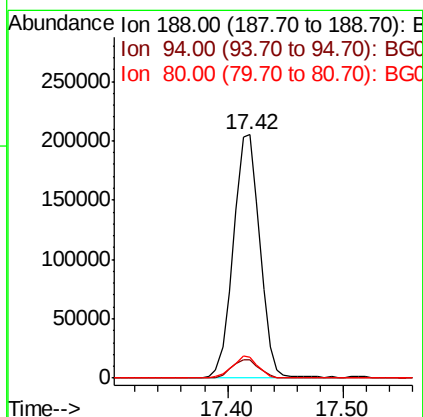
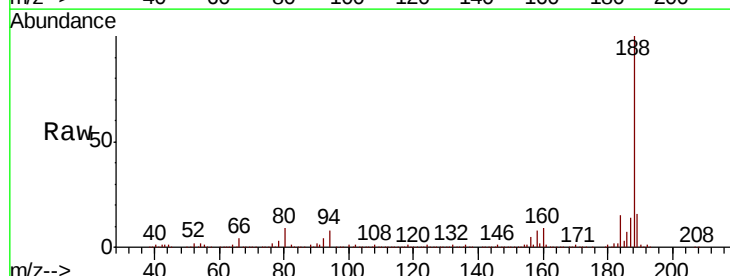
Instrument :
 BNA_G
 ClientSampleId :

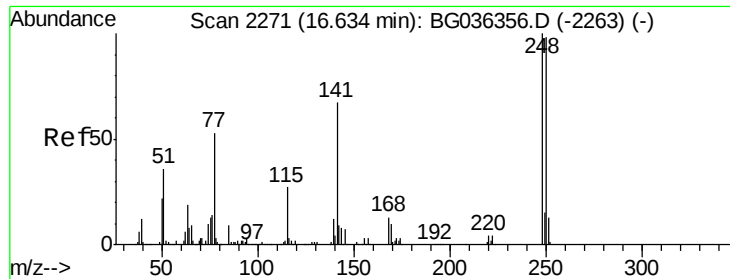
Tot Ion:	165	Resp:	17675
Ion Ratio	Lower	Upper	
165	100		
63	1.8	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Tgt Ion:	188	Resp:	326729
Ion Ratio	Lower	Upper	
188	100		
94	7.6	6.7	10.1
80	8.7	8.1	12.1

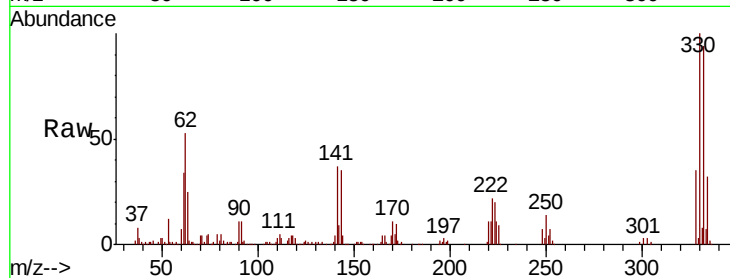




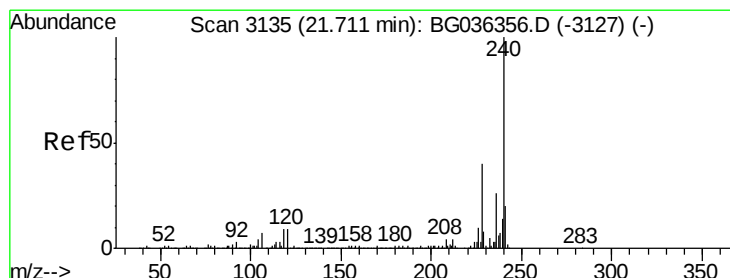
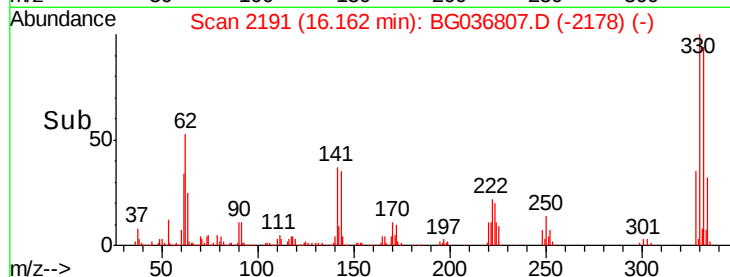
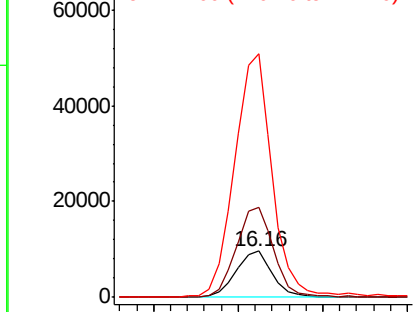
#66
 4-Bromophenyl-phenylether
 Concen: 3.777 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 14449
 Ion Ratio Lower Upper
 248 100
 250 197.1 78.1 117.1#
 141 529.5 53.7 80.5#

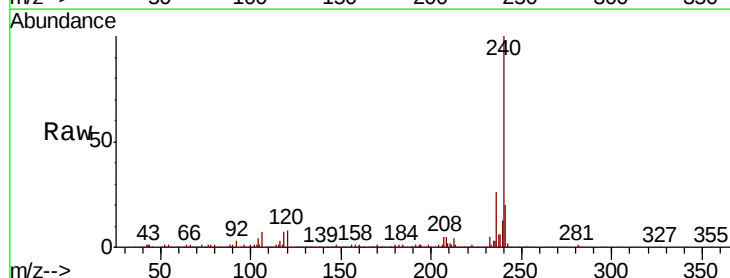


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

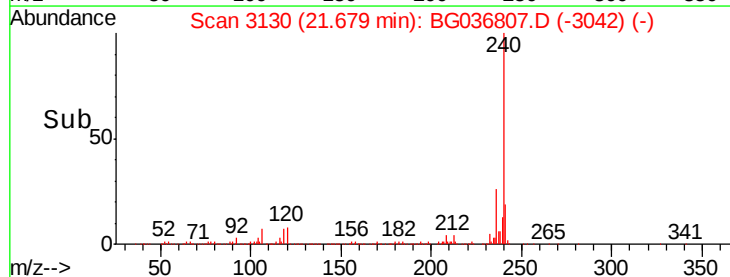
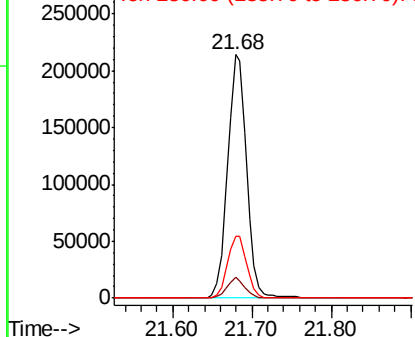


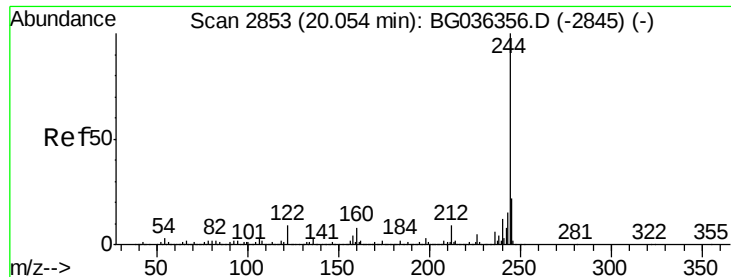
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.02 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Tgt Ion:240 Resp: 351967
 Ion Ratio Lower Upper
 240 100
 120 8.5 6.9 10.3
 236 25.6 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

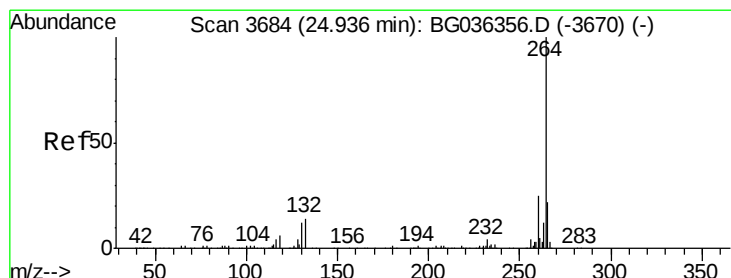
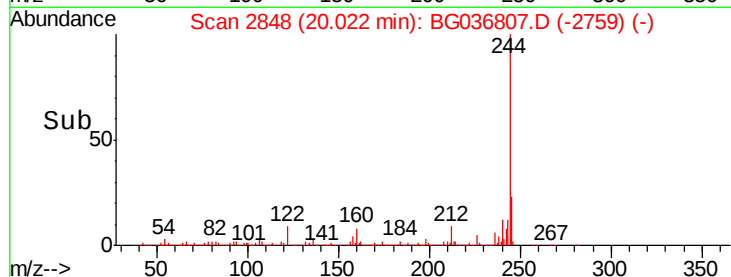
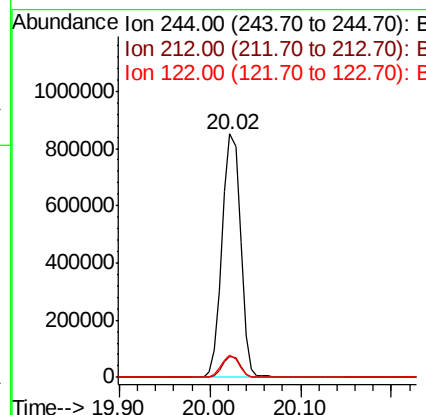
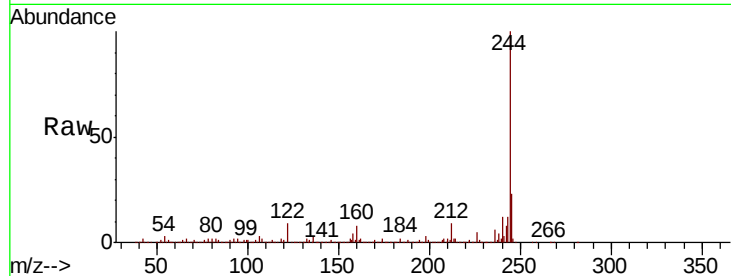




#78
 Terphenyl-d14
 Concen: 79.887 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:244 Resp: 1202976
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 9.1 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036807.D
 Acq: 19 Sep 2018 5:34

Tgt Ion:264 Resp: 360798
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.7 17.4 26.0

