

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
 Data File : BG036809.D
 Acq On : 19 Sep 2018 6:52
 Operator : JU/SJ
 Sample : J4949-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 07:40:52 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

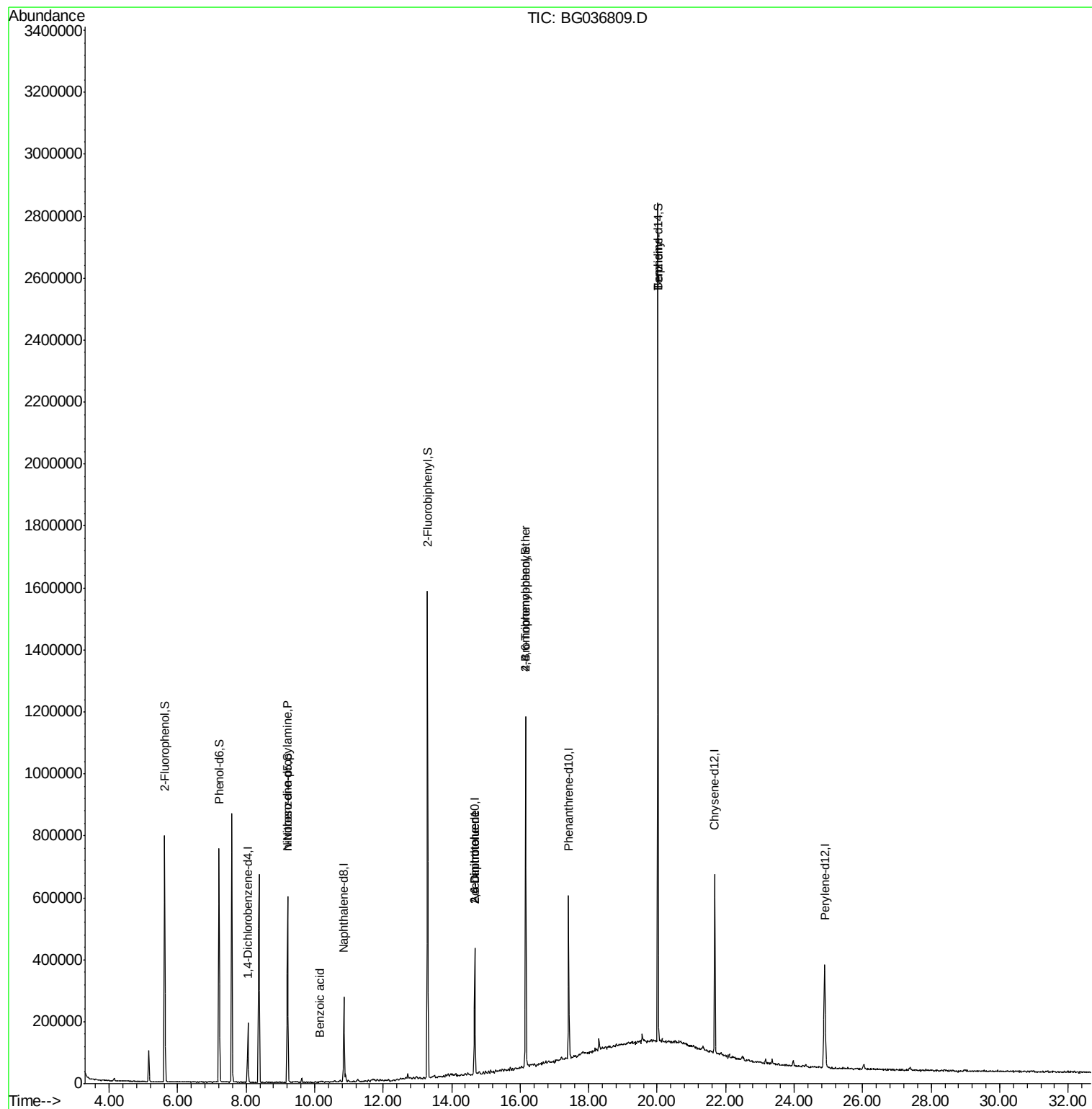
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53728	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	223787	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	138977	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	332645	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	356346	20.00	ng	-0.01
86) Perylene-d12	24.89	264	368563	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	331759	97.95	ng	0.00
7) Phenol-d6	7.20	99	439469	90.62	ng	-0.01
23) Nitrobenzene-d5	9.21	82	365473	88.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	212024	127.86	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	789252	81.09	ng	-0.01
78) Terphenyl-d14	20.02	244	1238507	81.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	48372	13.347	ng	# 76
32) Benzoic acid	10.14	122	1205	4.931	ng	# 73
50) 2,6-Dinitrotoluene	14.67	165	18343	7.855	ng	# 23
56) 2,4-Dinitrotoluene	14.67	165	18343	6.027	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	14981	3.847	ng	# 1
76) Benzidine	20.02	184	23383	2.057	ng	96

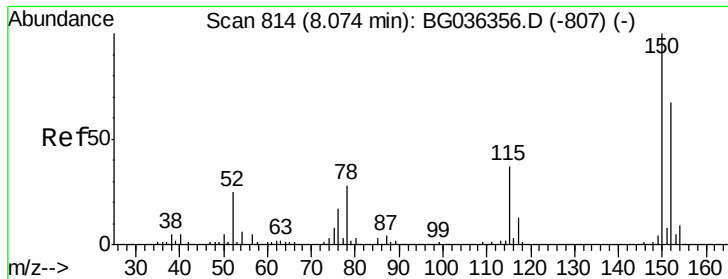
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091818\
Data File : BG036809.D
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 19 07:40:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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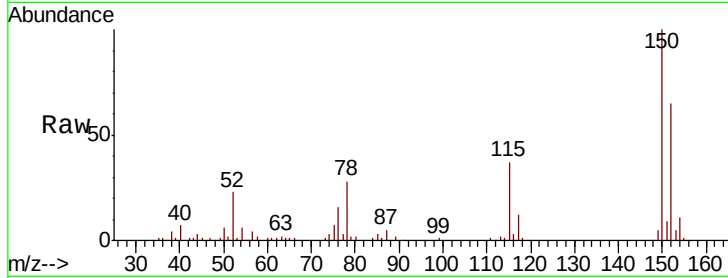


#1

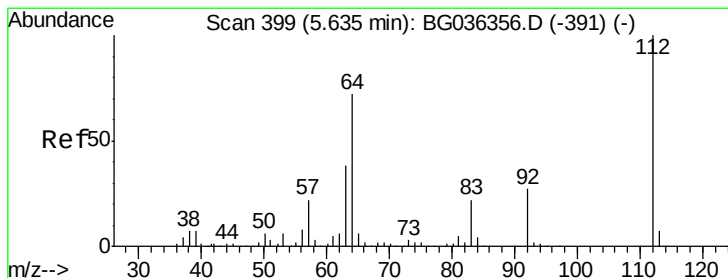
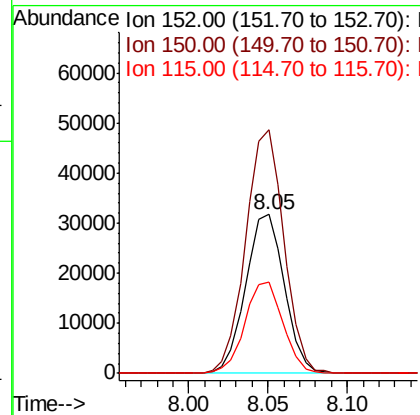
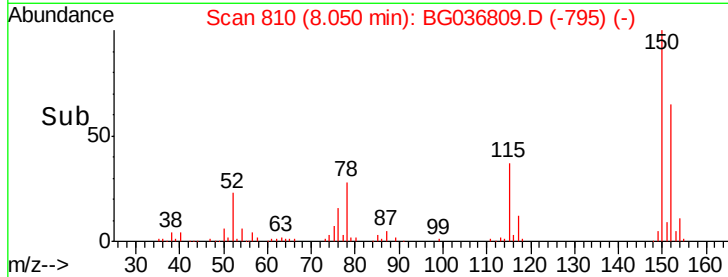
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.01 min
Lab File: BG036809.D
Acq: 19 Sep 2018 6:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53728
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 57.3 44.5 66.7



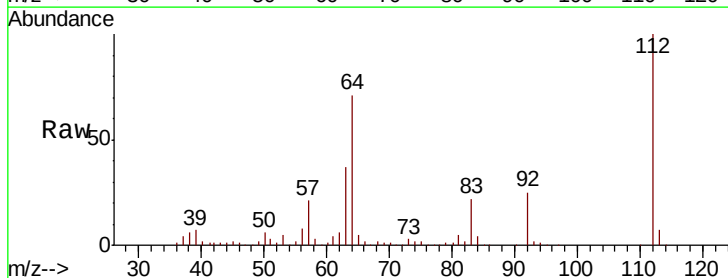
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



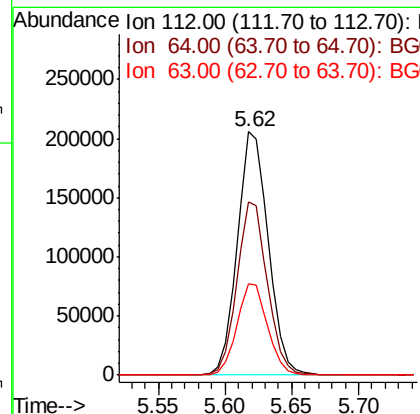
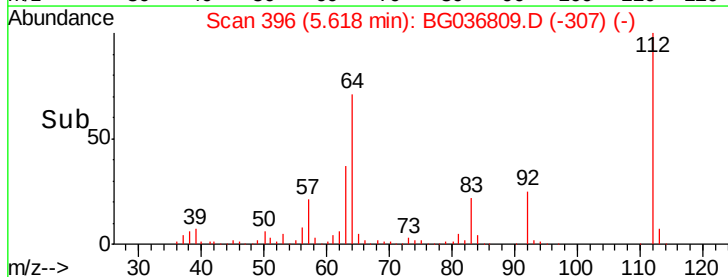
#5

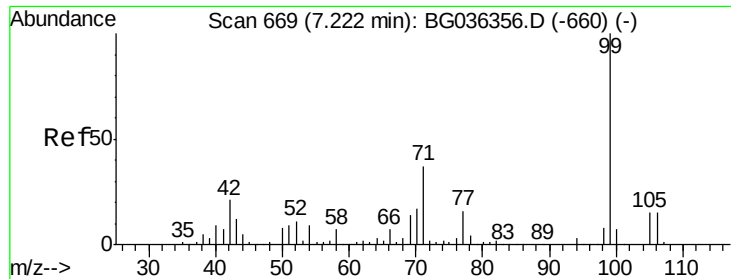
2-Fluorophenol
Concen: 97.950 ng
RT: 5.62 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG036809.D
Acq: 19 Sep 2018 6:52

Tgt Ion:112 Resp: 331759
Ion Ratio Lower Upper
112 100
64 71.0 57.2 85.8
63 37.3 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: 90.624 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

Instrument :

BNA_G

ClientSampleId :

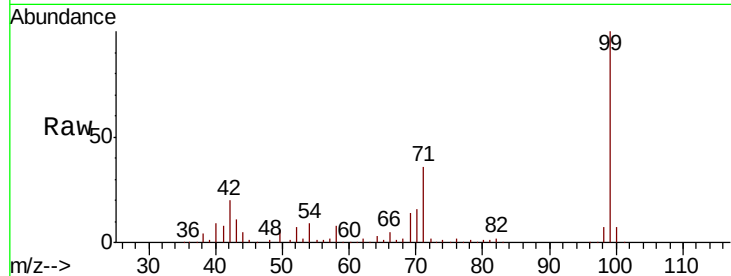
Tot Ion: 99 Resp: 439469

Ion Ratio Lower Upper

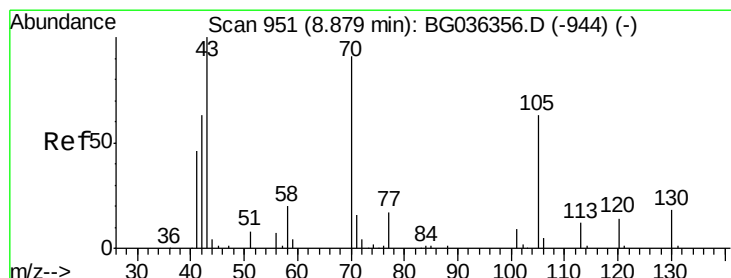
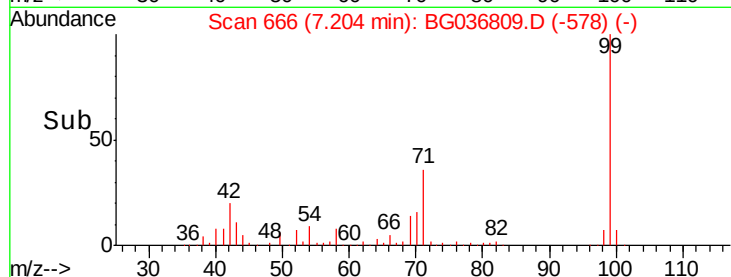
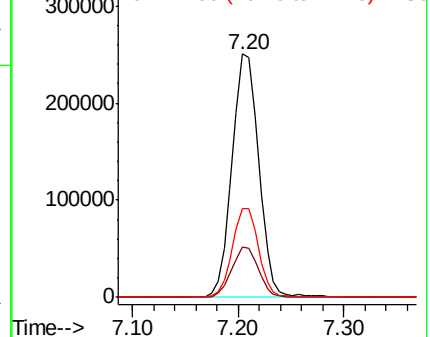
99 100

42 20.5 16.5 24.7

71 36.4 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: 13.347 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

Tgt Ion: 70 Resp: 48372

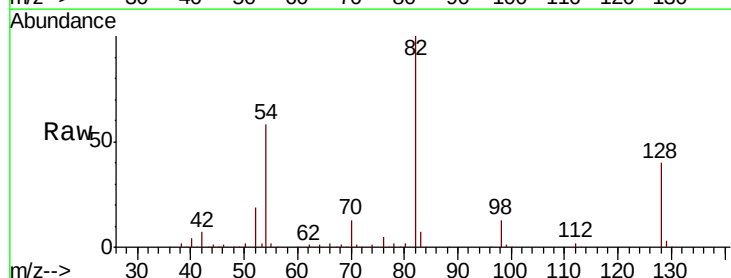
Ion Ratio Lower Upper

70 100

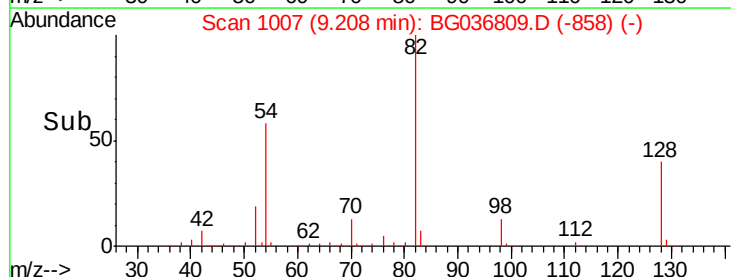
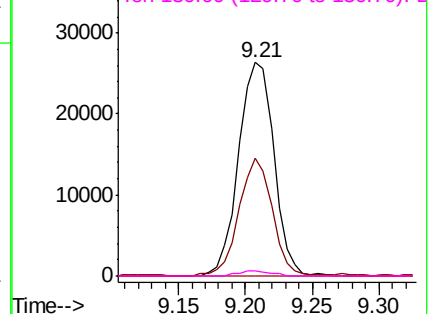
42 54.9 56.2 84.4#

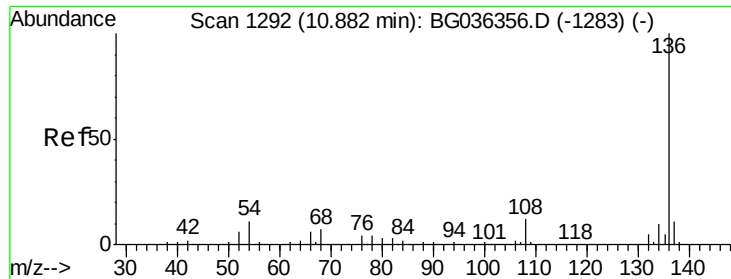
101 0.0 7.8 11.6#

130 2.3 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

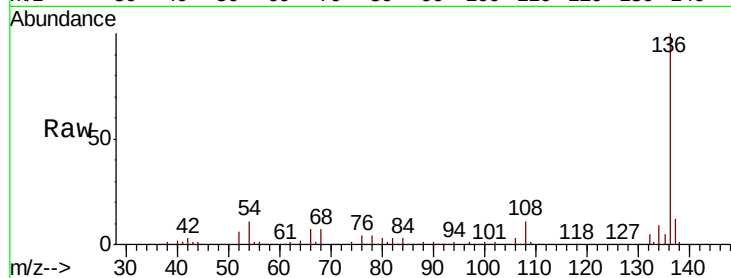




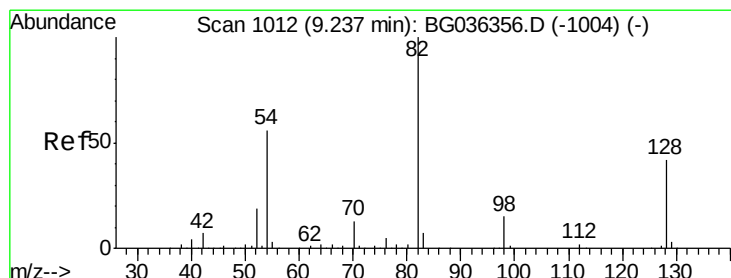
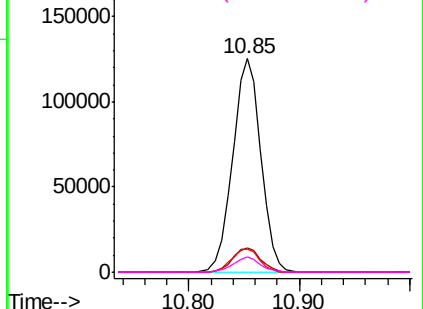
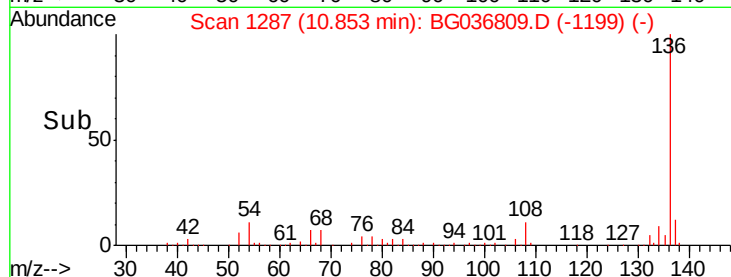
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BG036809.D
Acq: 19 Sep 2018 6:52

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	223787
Ion Ratio	Lower	Upper
136	100	
137	11.6	8.8 13.2
54	10.6	9.2 13.8
68	7.0	5.8 8.6

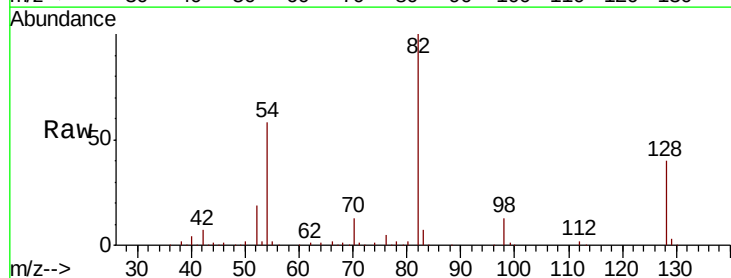


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

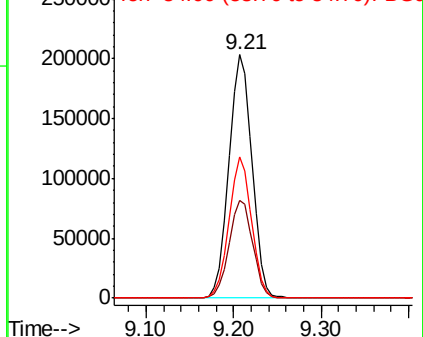
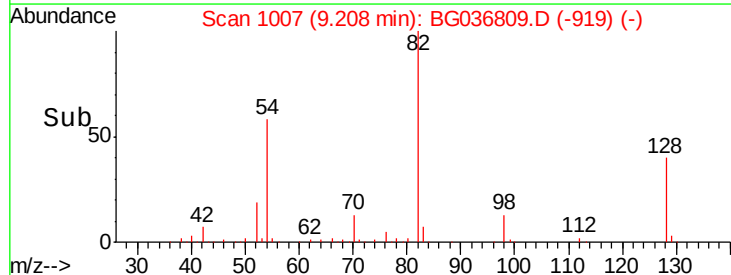


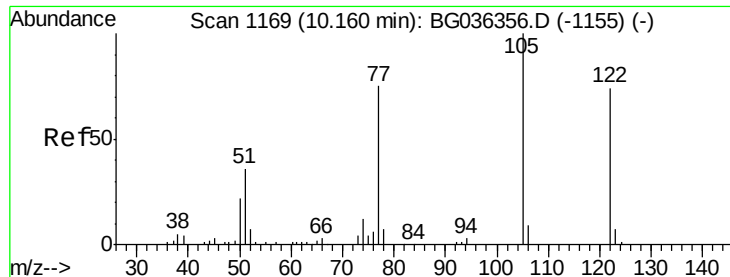
#23
Nitrobenzene-d5
Concen: 88.608 ng
RT: 9.21 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BG036809.D
Acq: 19 Sep 2018 6:52

Tgt Ion: 82	Resp:	365473
Ion Ratio	Lower	Upper
82	100	
128	40.2	33.3 49.9
54	57.9	45.1 67.7



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

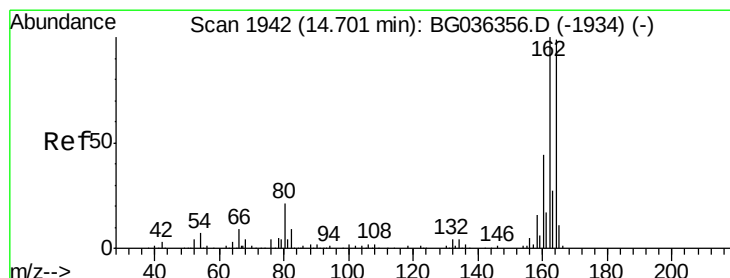
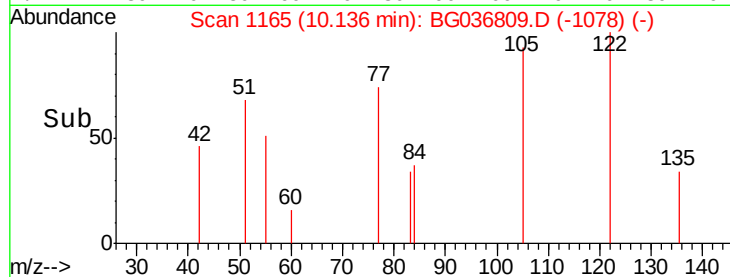
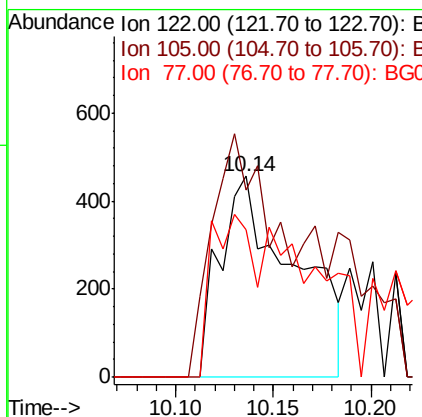
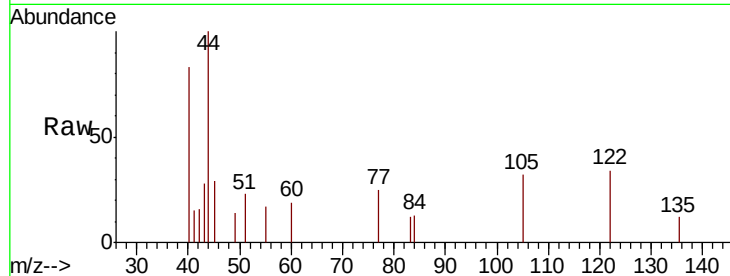




#32
Benzoic acid
Concen: 4.931 ng
RT: 10.14 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BG036809.D
Acq: 19 Sep 2018 6:52

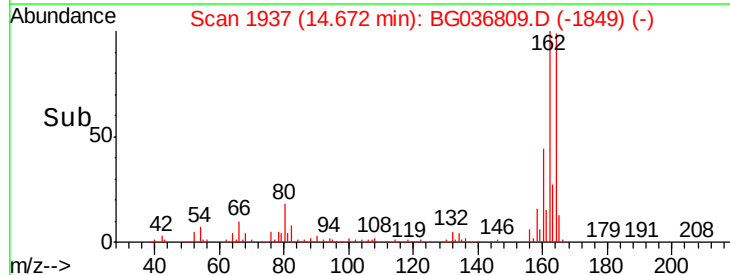
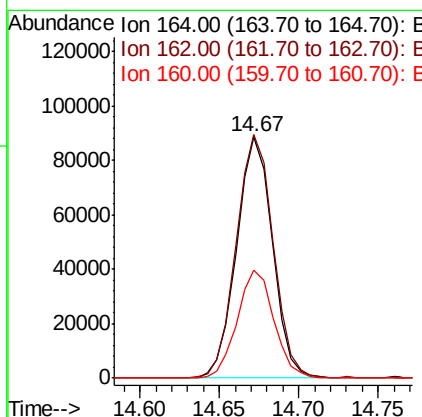
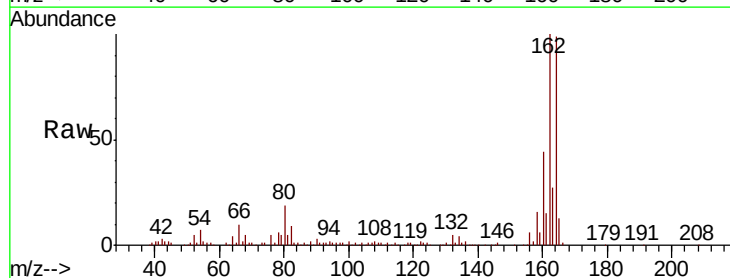
Instrument :
BNA_G
ClientSampled :

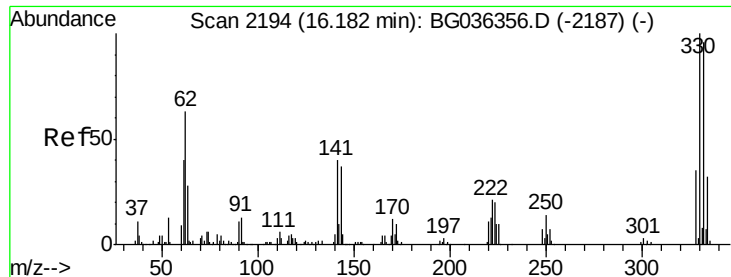
Tot Ion	Ratio	Lower	Upper
122	100		
105	93.2	108.1	148.1#
77	73.7	76.3	116.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1937
Delta R.T. -0.01 min
Lab File: BG036809.D
Acq: 19 Sep 2018 6:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.7	121.1
160	44.8	35.3	52.9

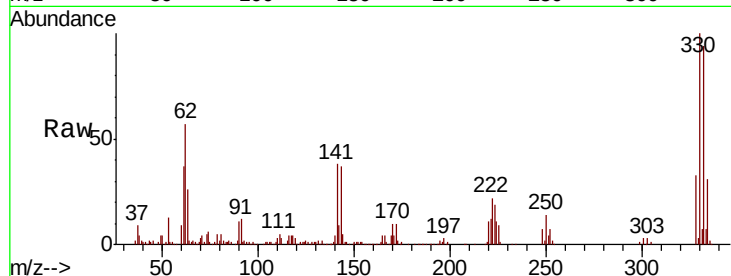




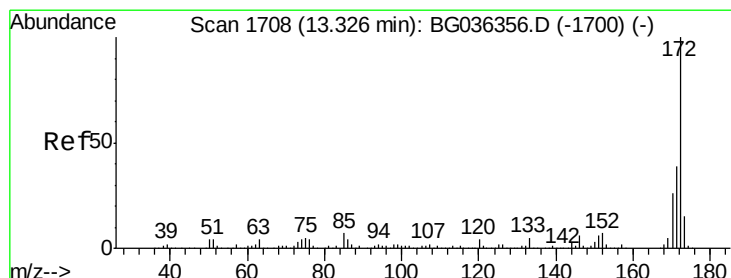
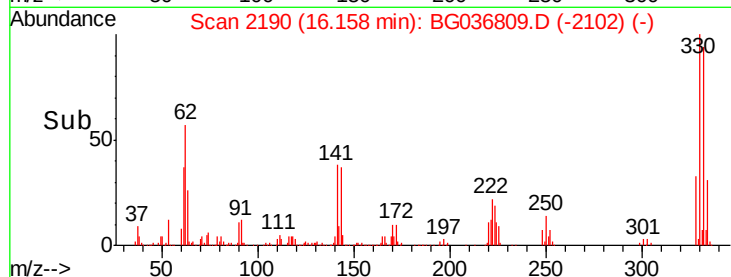
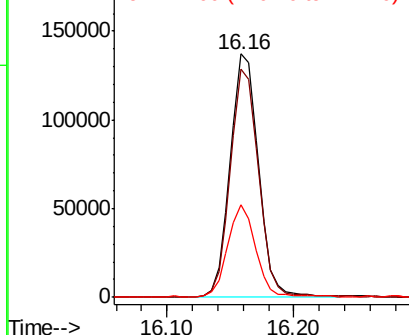
#41
 2,4,6-Tribromophenol
 Concen: 127.856 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG036809.D
 Acq: 19 Sep 2018 6:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	75.4	113.2
141	37.1	30.7	46.1

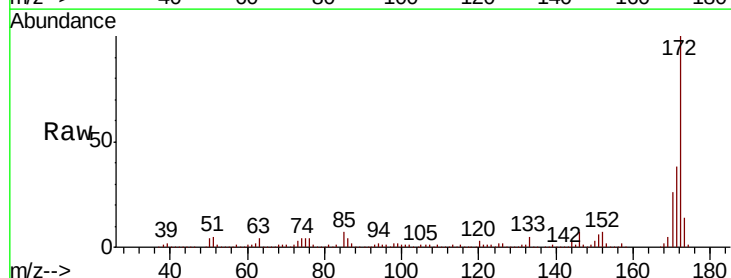


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

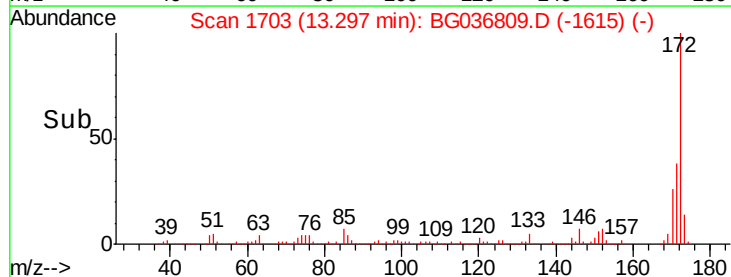
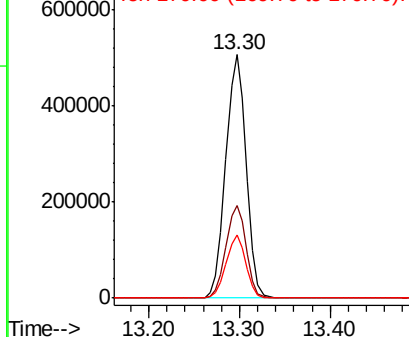


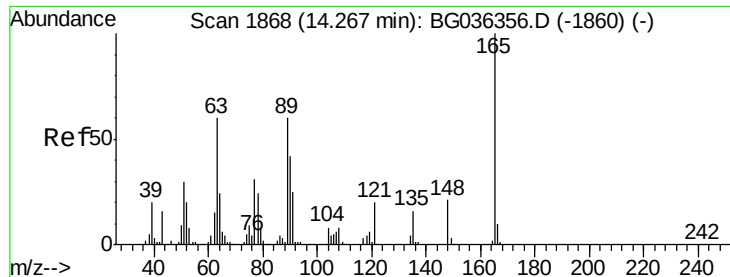
#44
 2-Fluorobiphenyl
 Concen: 81.086 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG036809.D
 Acq: 19 Sep 2018 6:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.3	46.9
170	25.7	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: 7.855 ng

RT: 14.67 min Scan# 1937

Delta R.T. 0.42 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

Instrument :

BNA_G

ClientSampleId :

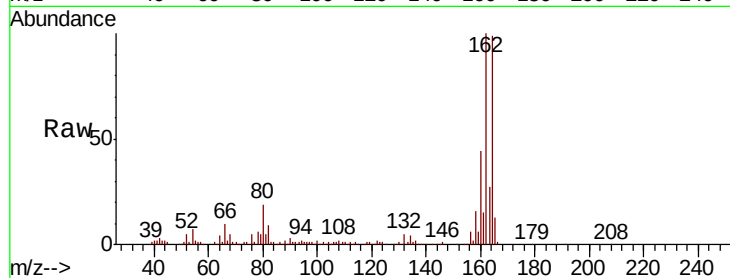
Tot Ion:165 Resp: 18343

Ion Ratio Lower Upper

165 100

63 1.6 50.1 75.1#

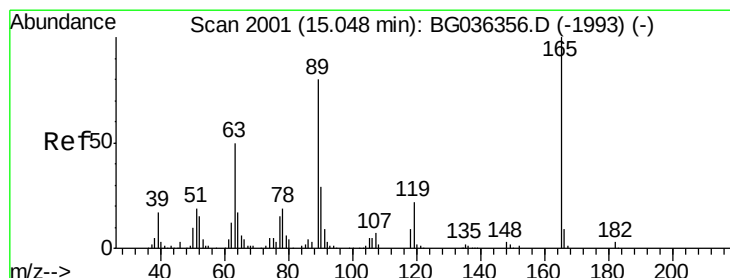
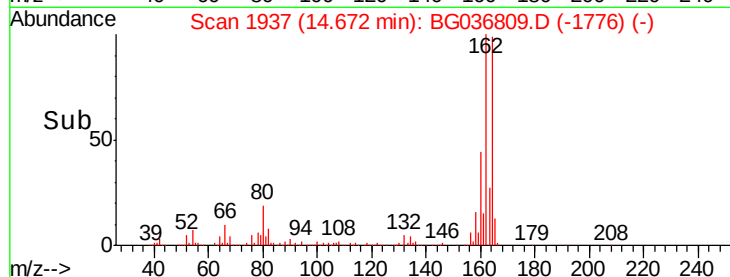
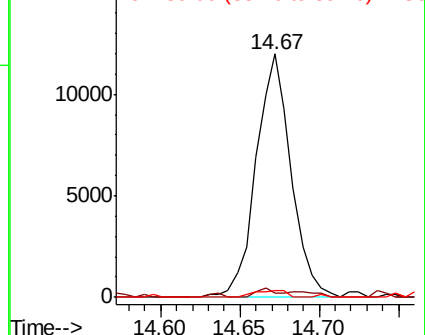
89 2.7 47.8 71.6#



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



#56

2,4-Dinitrotoluene

Concen: 6.027 ng

RT: 14.67 min Scan# 1937

Delta R.T. -0.37 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

Tgt Ion:165 Resp: 18343

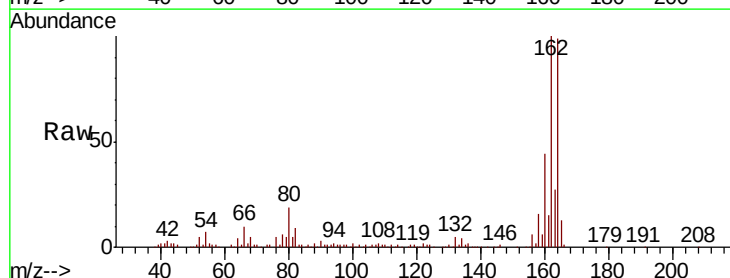
Ion Ratio Lower Upper

165 100

63 1.6 40.1 60.1#

89 2.7 63.7 95.5#

182 0.0 2.5 3.7#

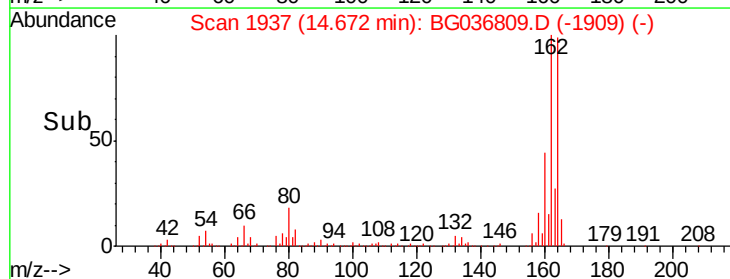
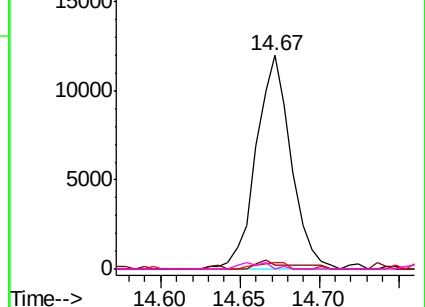


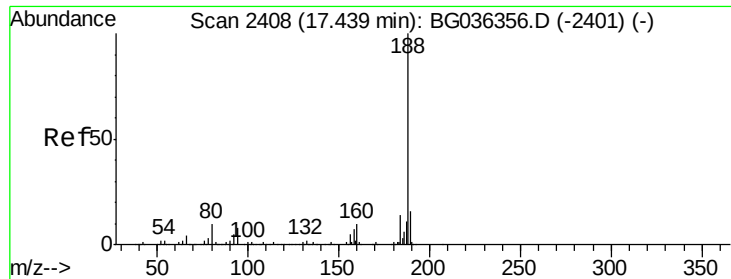
Abundance Ion 165.00 (164.70 to 165.70): E

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

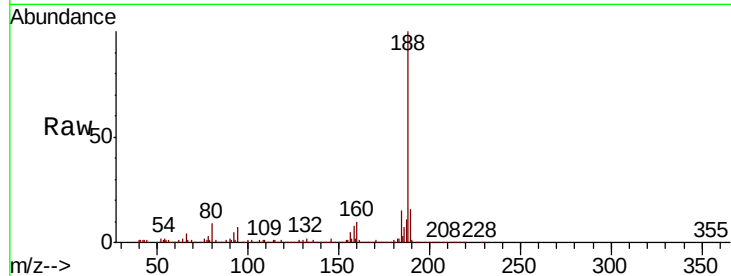




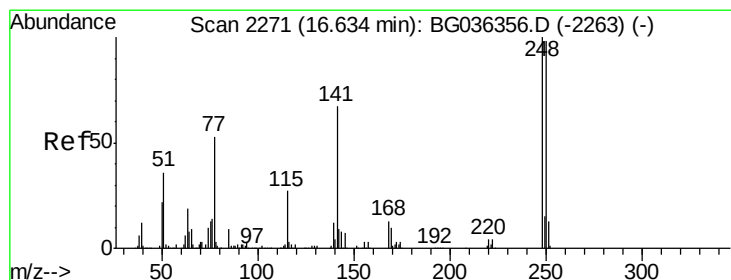
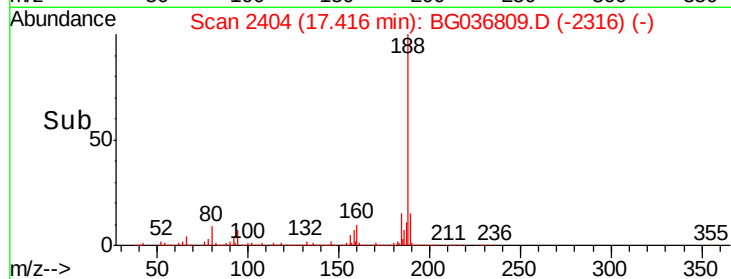
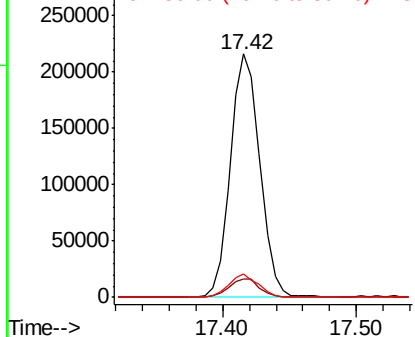
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BG036809.D
 Acq: 19 Sep 2018 6:52

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	9.5	8.1	12.1

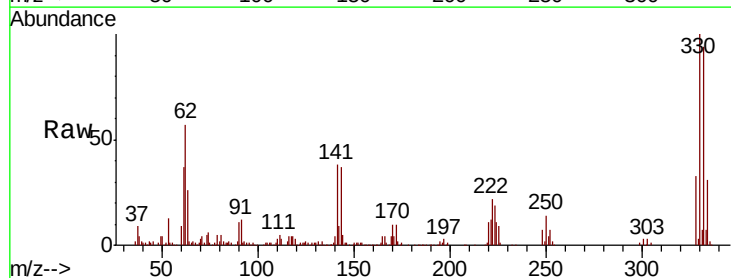


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

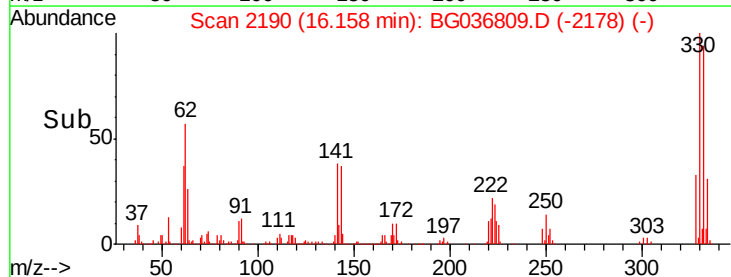
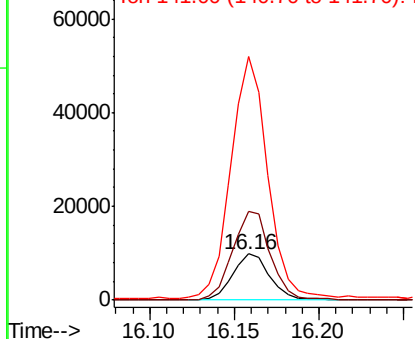


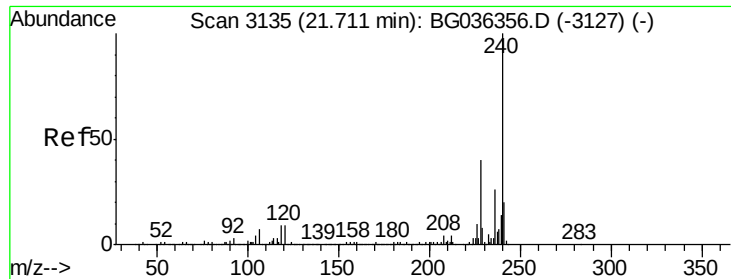
#66
 4-Bromophenyl-phenylether
 Concen: 3.847 ng
 RT: 16.16 min Scan# 2190
 Delta R.T. -0.46 min
 Lab File: BG036809.D
 Acq: 19 Sep 2018 6:52

Tgt Ion	Ratio	Lower	Upper
248	100		
250	193.4	78.1	117.1#
141	527.4	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: BG036809.D

Acq: 19 Sep 2018 6:52

Instrument :

BNA_G

ClientSampled :

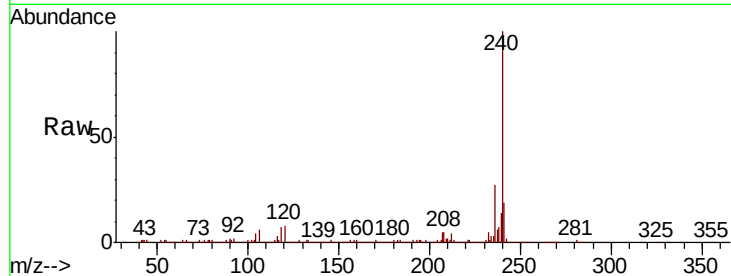
Tot Ion:240 Resp: 356346

Ion Ratio Lower Upper

240 100

120 8.0 6.9 10.3

236 26.5 21.2 31.8

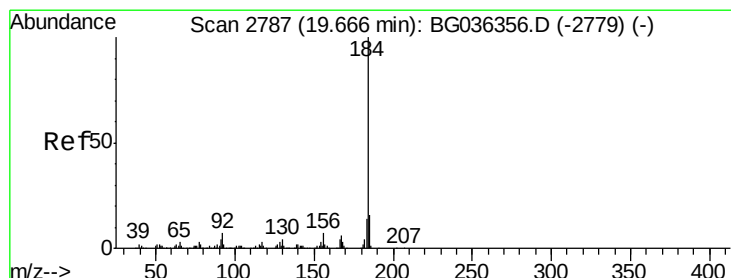
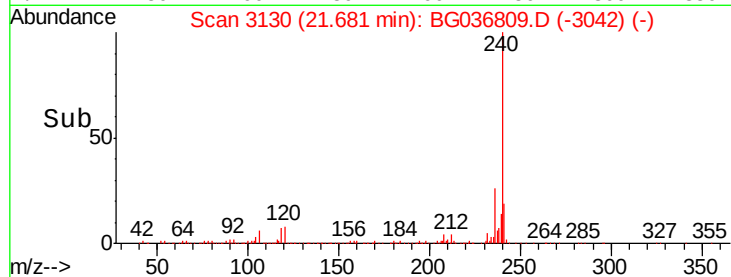
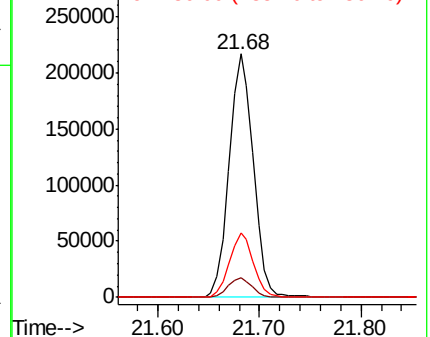


Abundance

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



#76

Benzidine

Concen: 2.057 ng

RT: 20.02 min Scan# 2848

Delta R.T. 0.37 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

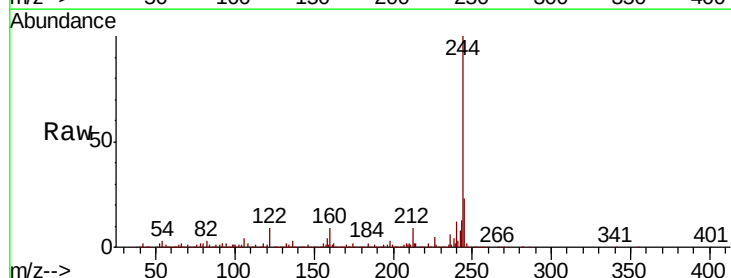
Tgt Ion:184 Resp: 23383

Ion Ratio Lower Upper

184 100

185 18.3 12.6 18.8

183 14.7 10.9 16.3

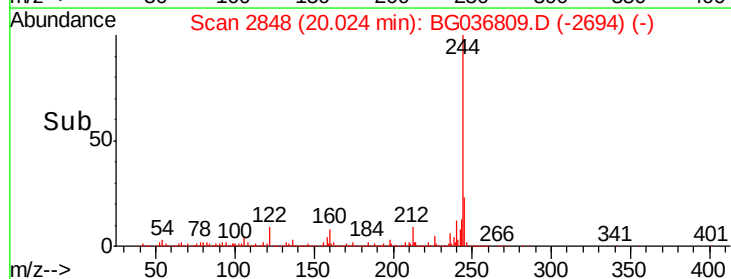
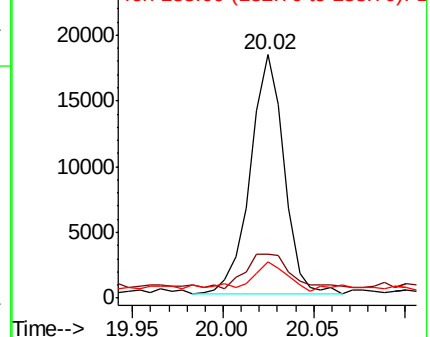


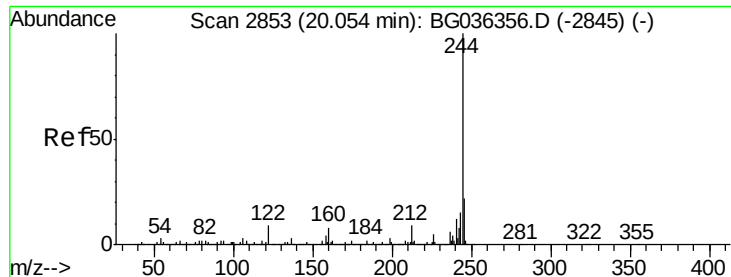
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 81.236 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

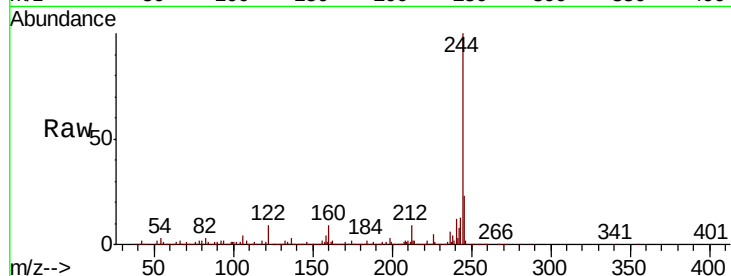
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1238507

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.0	7.1	10.7

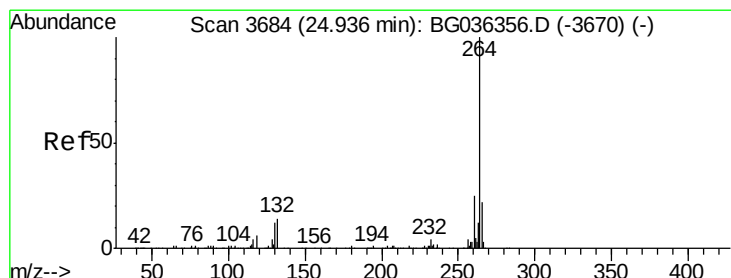
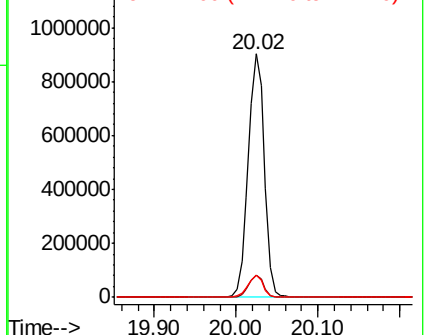
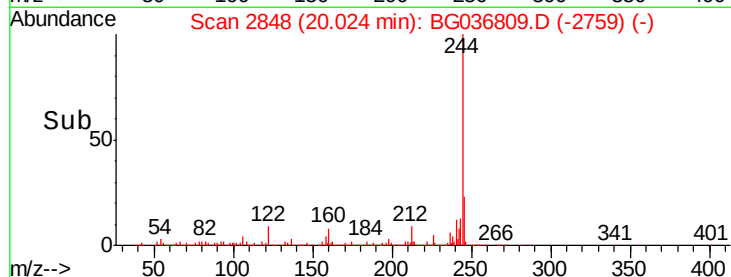


Abundance

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

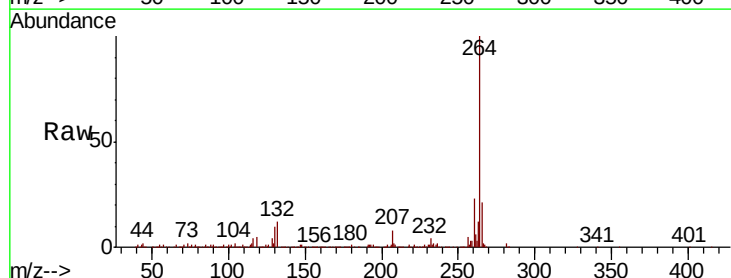
Delta R.T. -0.01 min

Lab File: BG036809.D

Acq: 19 Sep 2018 6:52

Tgt Ion:264 Resp: 368563

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.6	29.4
265	21.4	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

