

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
 Data File : BG035692.D
 Acq On : 17 Jul 2018 21:10
 Operator : JU/SJ
 Sample : J3997-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-F-S

Quant Time: Jul 18 01:11:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 12 14:43:32 2018
 Response via : Initial Calibration

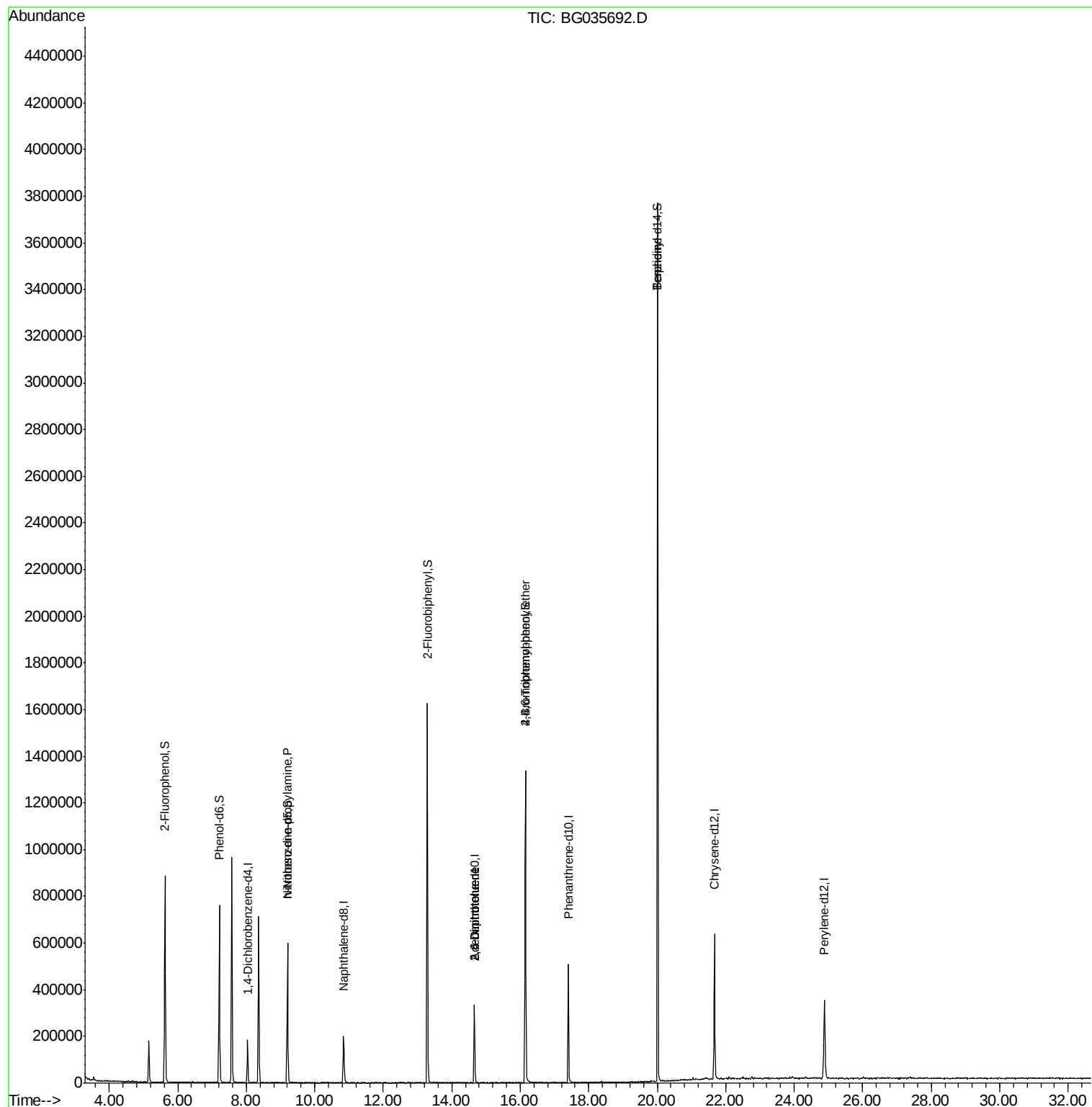
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	51970	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	178217	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	119979	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	333256	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	393328	20.00	ng	-0.02
86) Perylene-d12	24.88	264	370543	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	377572	120.62	ng	0.00
7) Phenol-d6	7.21	99	460445	98.59	ng	0.00
23) Nitrobenzene-d5	9.20	82	410028	96.11	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	248641	157.23	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	867633	96.88	ng	-0.02
78) Terphenyl-d14	20.01	244	1739803	97.50	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	55419	14.091	ng	# 71
50) 2,6-Dinitrotoluene	14.66	165	16749	7.824	ng	# 20
56) 2,4-Dinitrotoluene	14.66	165	16749	5.454	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	21149	5.470	ng	# 1
76) Benzidine	20.01	184	32101	3.104	ng	96

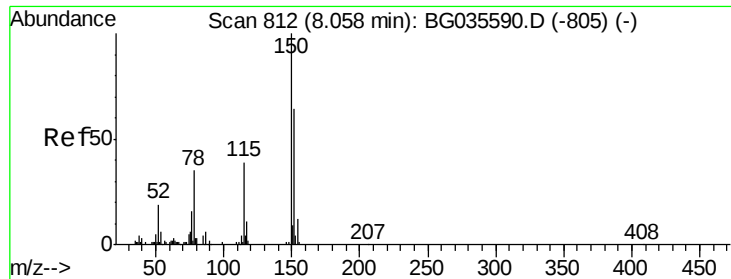
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG071718\
Data File : BG035692.D
Acq On : 17 Jul 2018 21:10
Operator : JU/SJ
Sample : J3997-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-F-S

Quant Time: Jul 18 01:11:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration



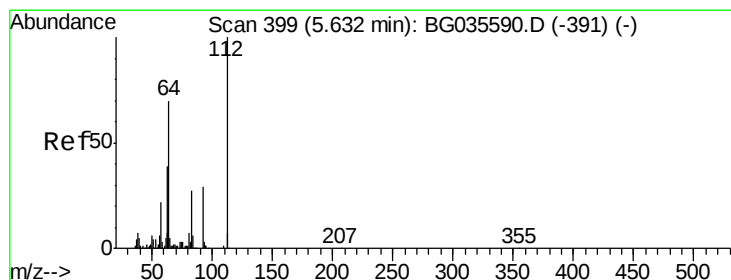
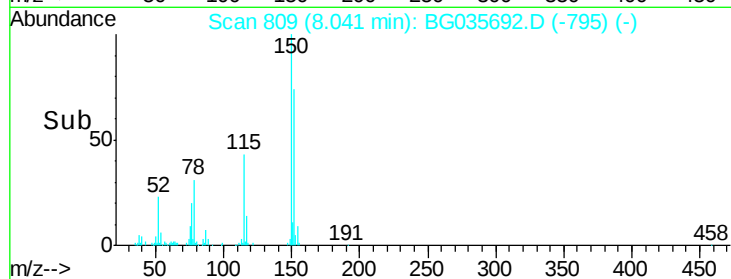
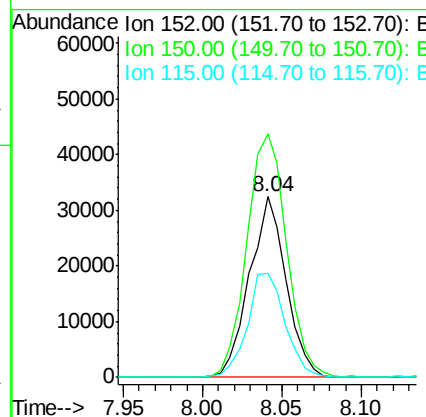
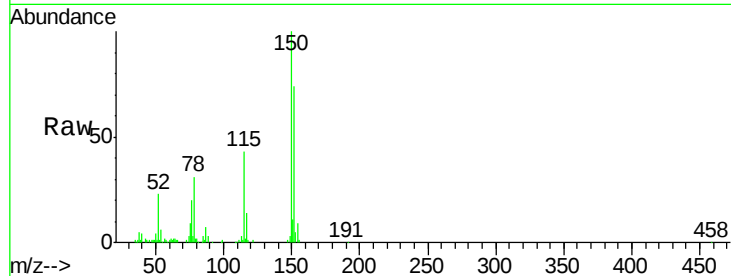


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.02 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

Instrument :
BNA_G
ClientSampled :
TP-F-S

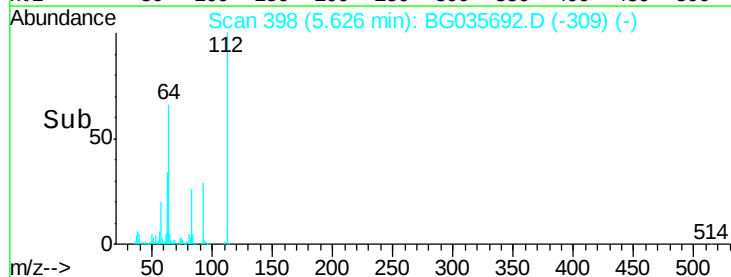
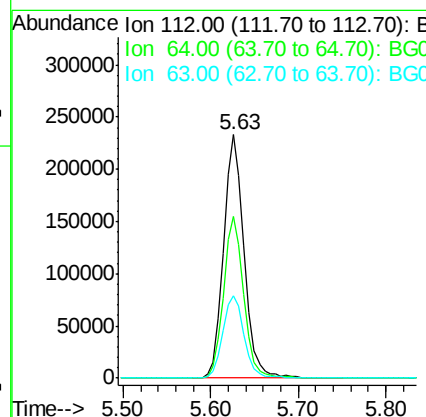
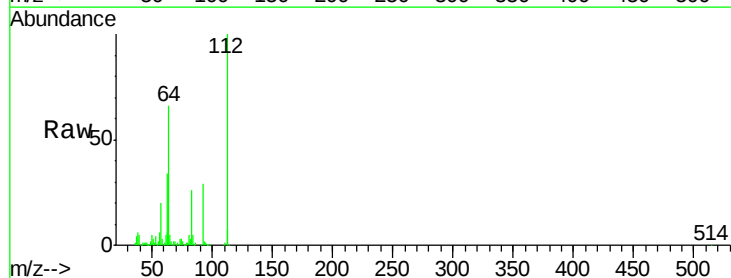
Tgt Ion:152 Resp: 51970
Ion Ratio Lower Upper
152 100
150 135.0 126.6 189.8
115 57.8 53.0 79.4

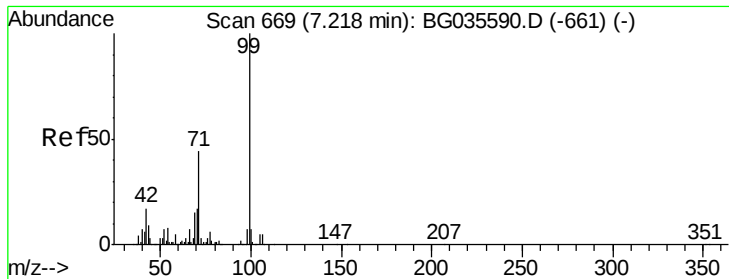


#5

2-Fluorophenol
Concen: 120.619 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.01 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

Tgt Ion:112 Resp: 377572
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 34.0 30.1 45.1





#7

Phenol-d6

Concen: 98.589 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035692.D

Acq: 17 Jul 2018 21:10

Instrument :

BNA_G

ClientSampleId :

TP-F-S

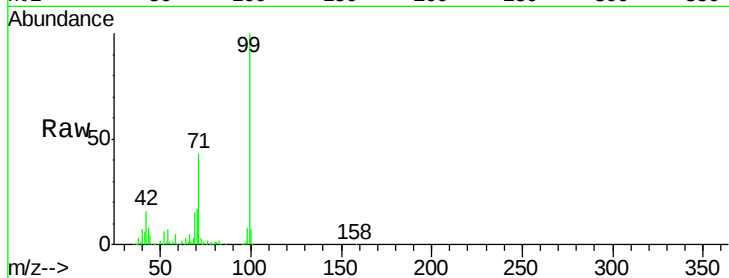
Tgt Ion: 99 Resp: 460445

Ion Ratio Lower Upper

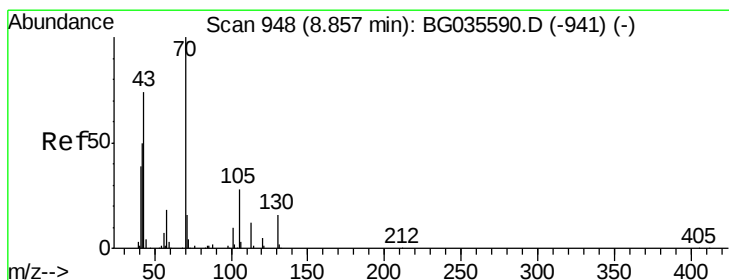
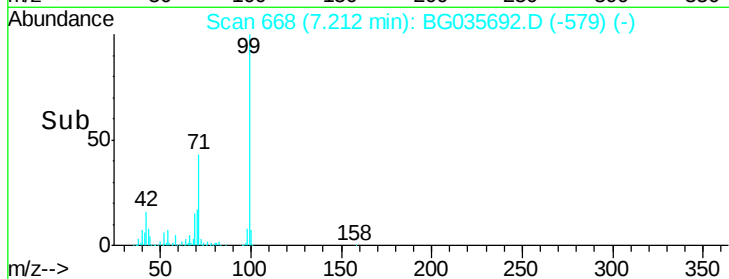
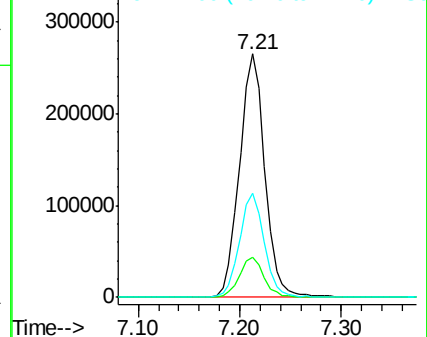
99 100

42 16.3 14.1 21.1

71 42.6 26.1 39.1#



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: 14.091 ng

RT: 9.20 min Scan# 1007

Delta R.T. 0.35 min

Lab File: BG035692.D

Acq: 17 Jul 2018 21:10

Tgt Ion: 70 Resp: 55419

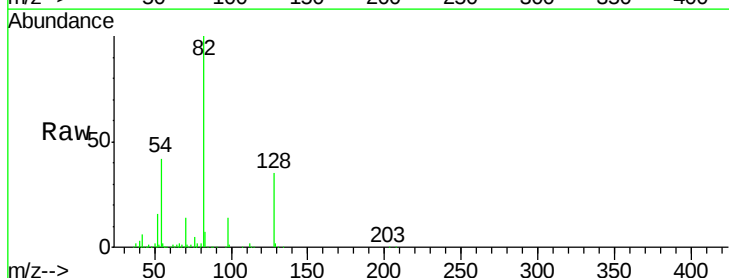
Ion Ratio Lower Upper

70 100

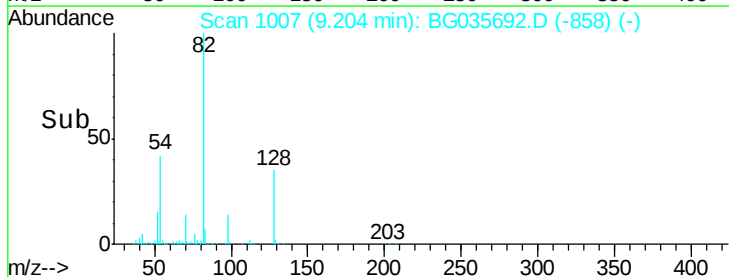
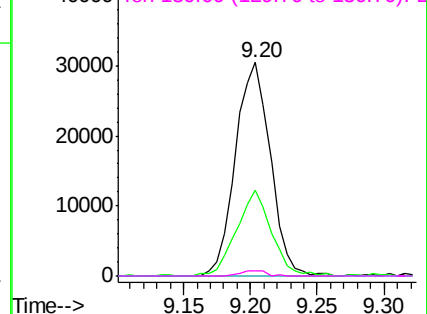
42 40.1 49.1 73.7#

101 0.0 8.5 12.7#

130 2.3 13.4 20.0#



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

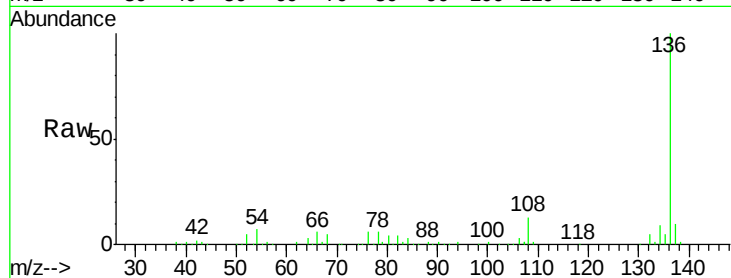




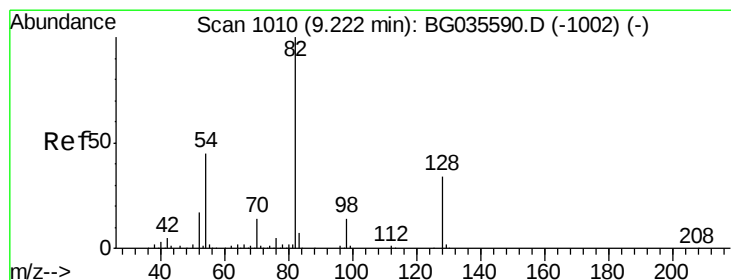
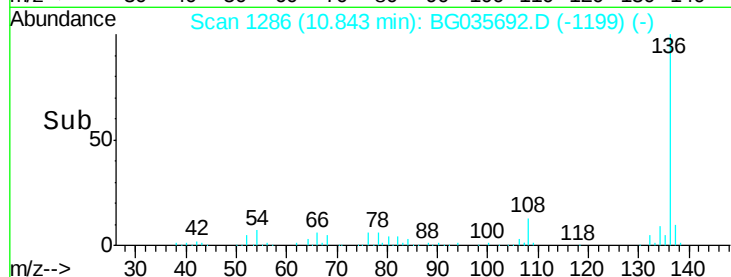
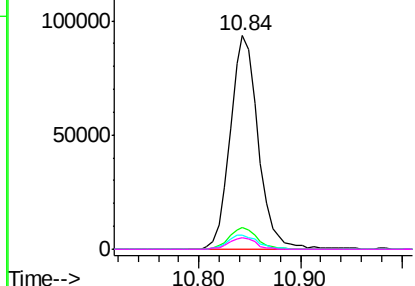
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

Instrument :
BNA_G
ClientSampled :
TP-F-S

Tgt Ion:	136	Resp:	178217
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	6.8	10.3	15.5#
68	5.1	4.5	6.7

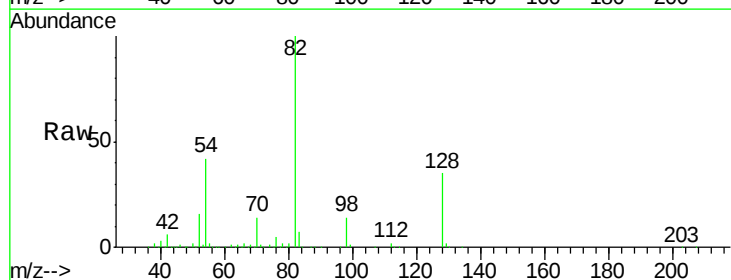


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

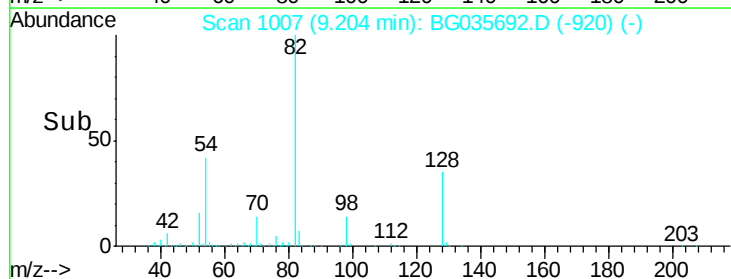
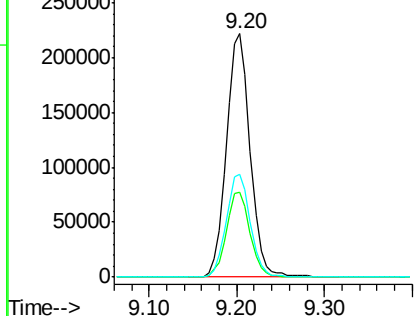


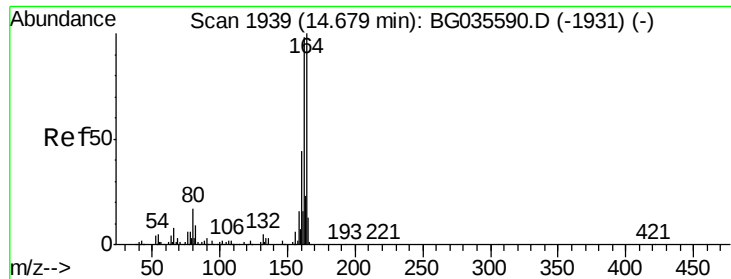
#23
Nitrobenzene-d5
Concen: 96.112 ng
RT: 9.20 min Scan# 1007
Delta R.T. -0.02 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

Tgt Ion:	82	Resp:	410028
Ion	Ratio	Lower	Upper
82	100		
128	34.7	29.7	44.5
54	42.1	43.1	64.7#



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

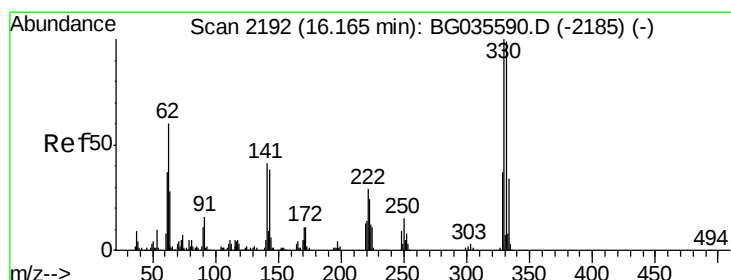
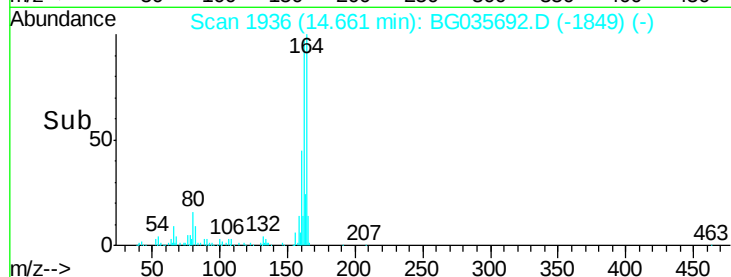
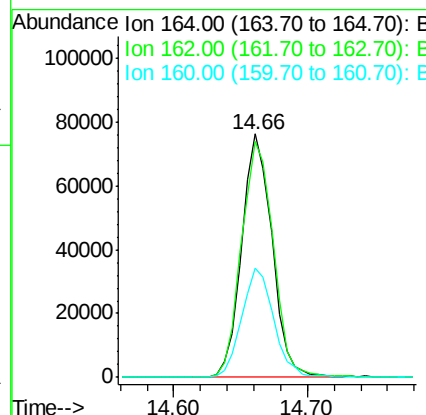
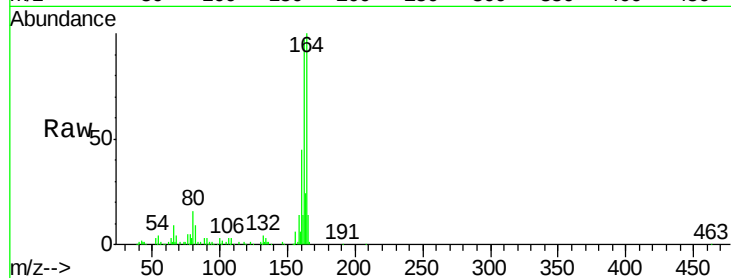




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

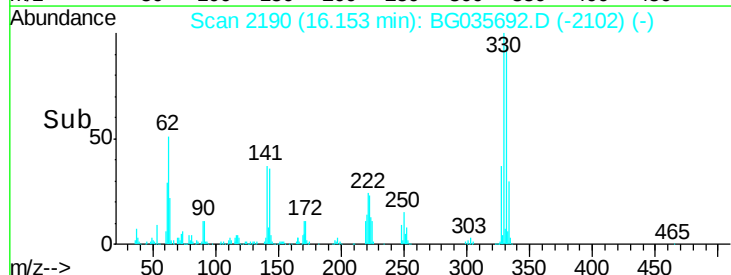
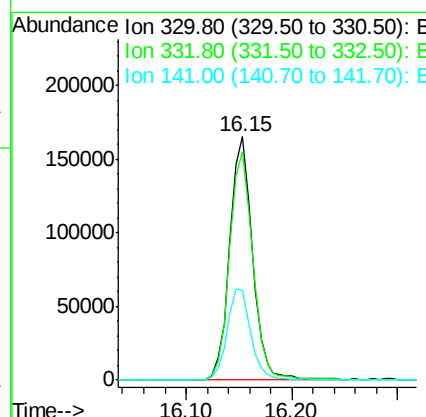
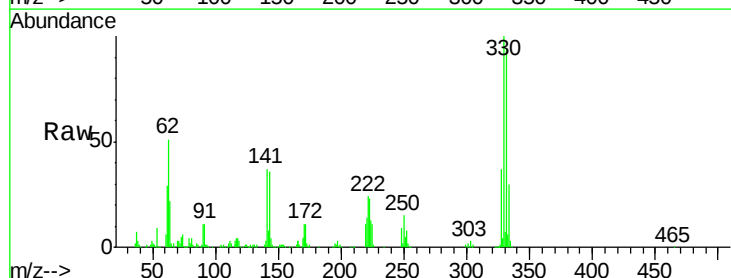
Instrument :
BNA_G
ClientSampleId :
TP-F-S

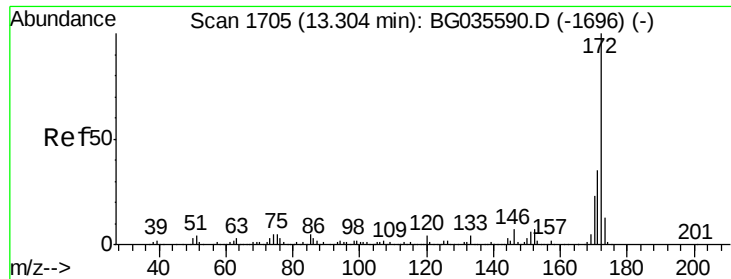
Tgt Ion:164 Resp: 119979
Ion Ratio Lower Upper
164 100
162 96.9 78.8 118.2
160 44.9 35.4 53.0



#41
2,4,6-Tribromophenol
Concen: 157.228 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

Tgt Ion:330 Resp: 248641
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 39.2 25.2 37.8#

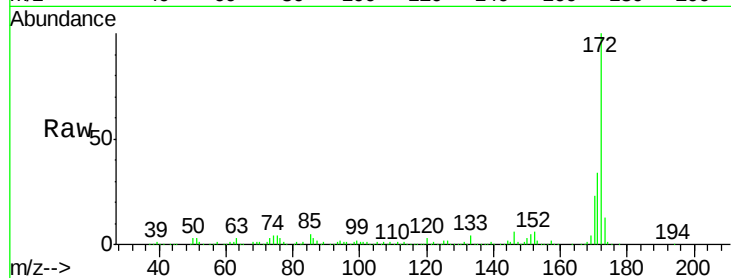




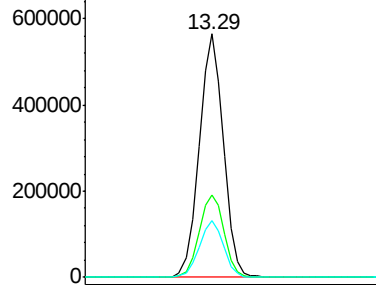
#44
 2-Fluorobiphenyl
 Concen: 96.884 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.02 min
 Lab File: BG035692.D
 Acq: 17 Jul 2018 21:10

Instrument :
 BNA_G
 ClientSampleId :
 TP-F-S

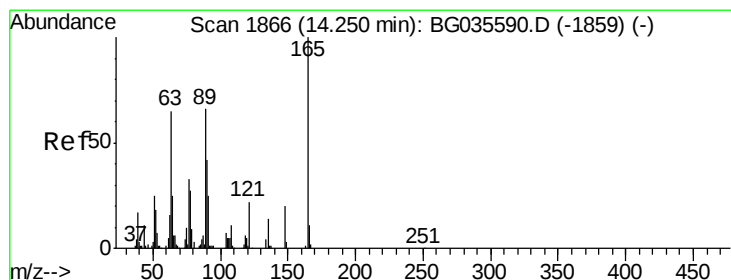
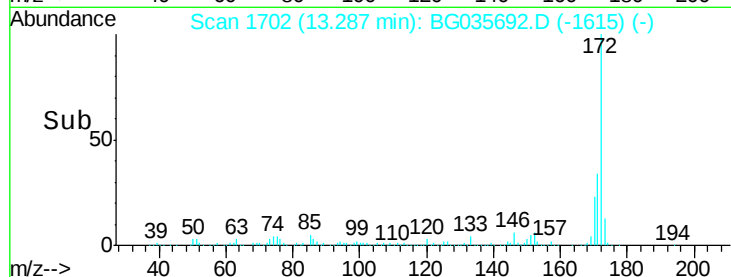
Tgt Ion:172 Resp: 867633
 Ion Ratio Lower Upper
 172 100
 171 33.7 30.0 45.0
 170 23.1 19.5 29.3



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

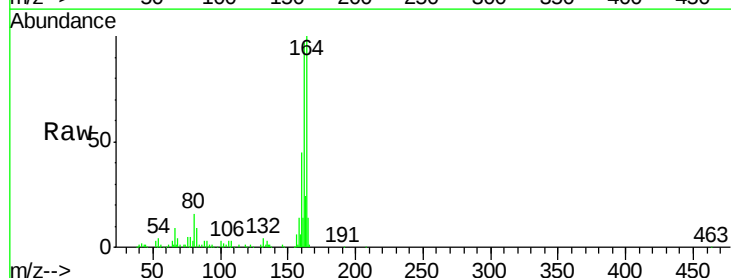


Time--> 13.20 13.30 13.40

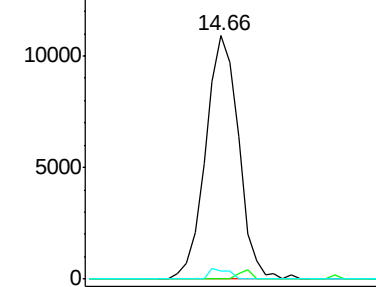


#50
 2,6-Dinitrotoluene
 Concen: 7.824 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. 0.41 min
 Lab File: BG035692.D
 Acq: 17 Jul 2018 21:10

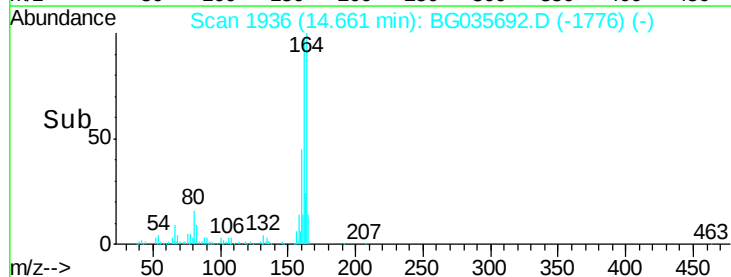
Tgt Ion:165 Resp: 16749
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 3.4 49.2 73.8#

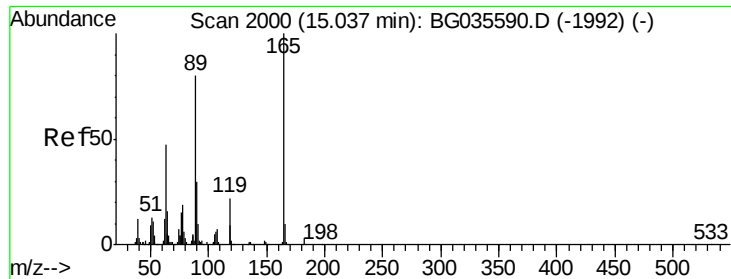


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG



Time--> 14.60 14.65 14.70 14.75

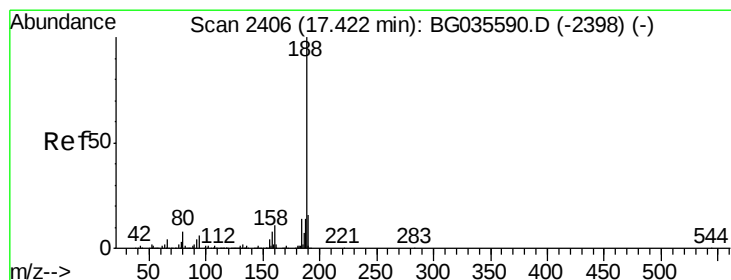
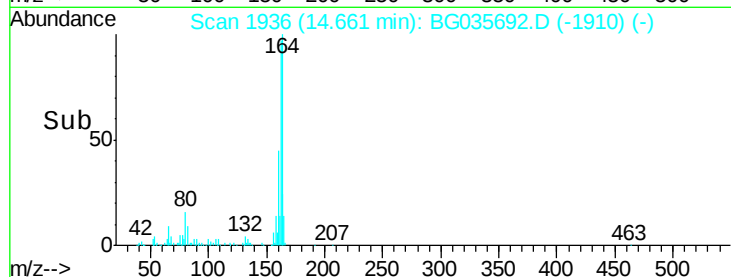
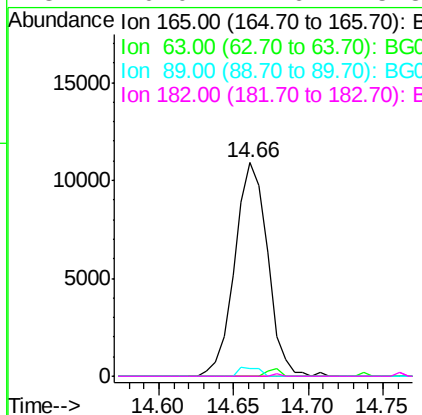
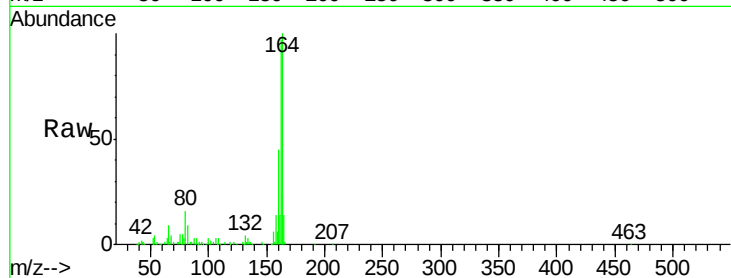




#56
 2,4-Dinitrotoluene
 Concen: 5.454 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.38 min
 Lab File: BG035692.D
 Acq: 17 Jul 2018 21:10

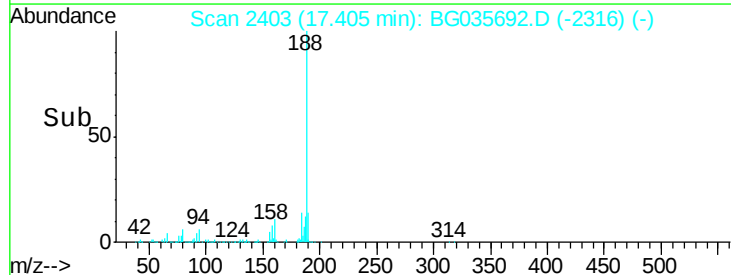
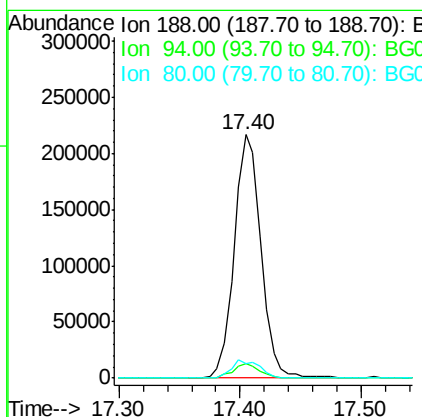
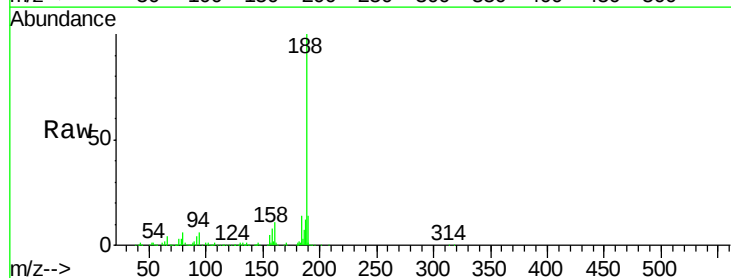
Instrument :
 BNA_G
 ClientSampleId :
 TP-F-S

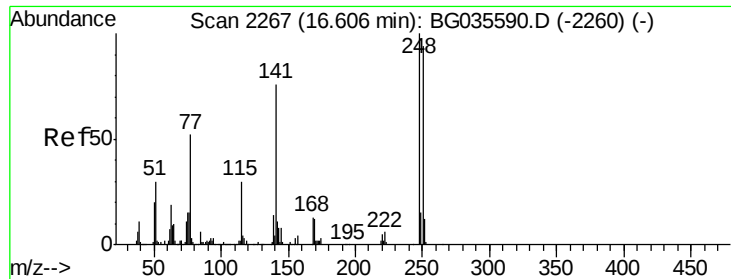
Tgt Ion:165 Resp: 16749
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 3.4 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2403
 Delta R.T. -0.02 min
 Lab File: BG035692.D
 Acq: 17 Jul 2018 21:10

Tgt Ion:188 Resp: 333256
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 6.2 7.7 11.5#

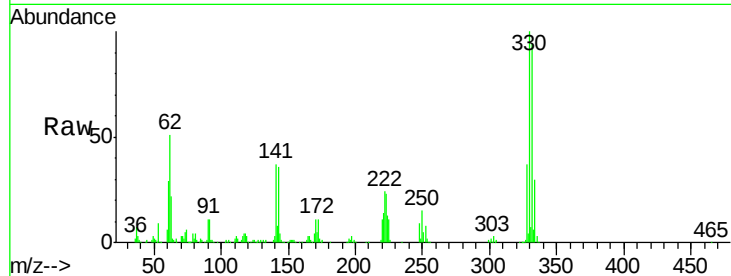




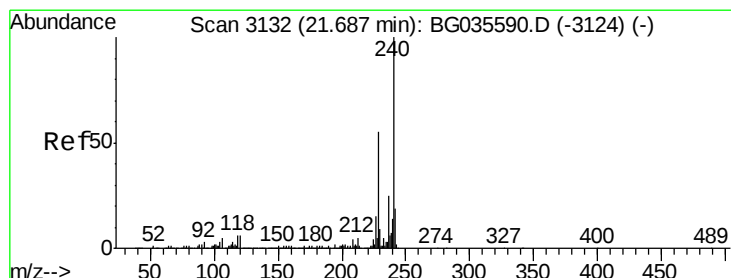
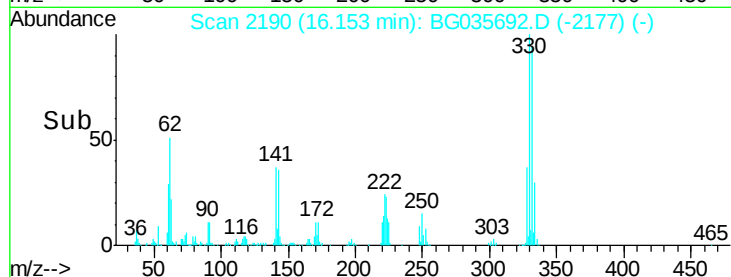
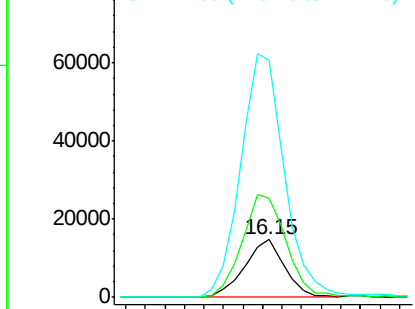
#66
4-Bromophenyl-phenylether
Concen: 5.470 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.45 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

Instrument :
BNA_G
ClientSampleId :
TP-F-S

Tgt Ion:248 Resp: 21149
Ion Ratio Lower Upper
248 100
250 171.4 77.1 115.7#
141 414.3 50.8 76.2#

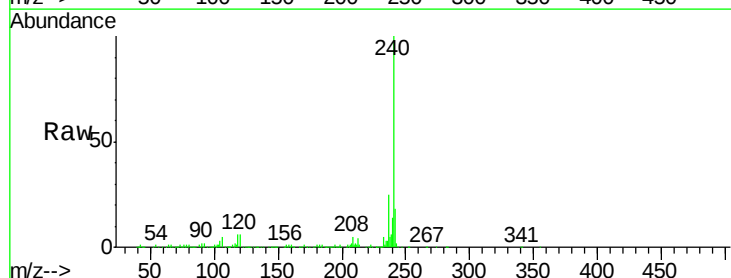


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

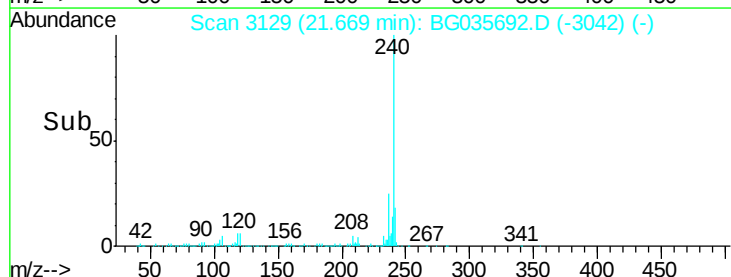
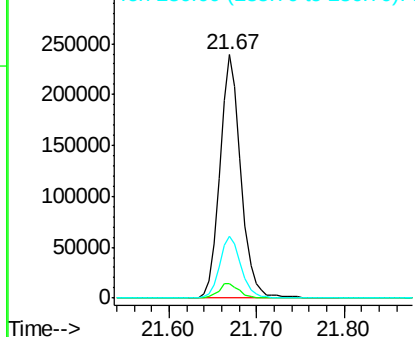


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

Tgt Ion:240 Resp: 393328
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.4 20.9 31.3



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: 3.104 ng

RT: 20.01 min Scan# 2847

Delta R.T. 0.36 min

Lab File: BG035692.D

Acq: 17 Jul 2018 21:10

Instrument :

BNA_G

ClientSampleId :

TP-F-S

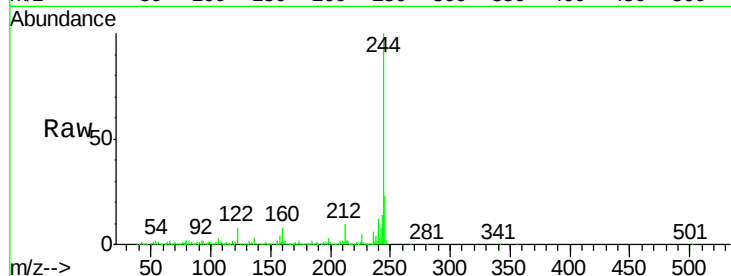
Tgt Ion:184 Resp: 32101

Ion Ratio Lower Upper

184 100

185 15.3 11.1 16.7

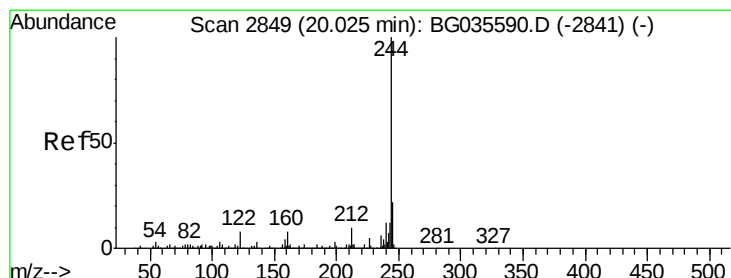
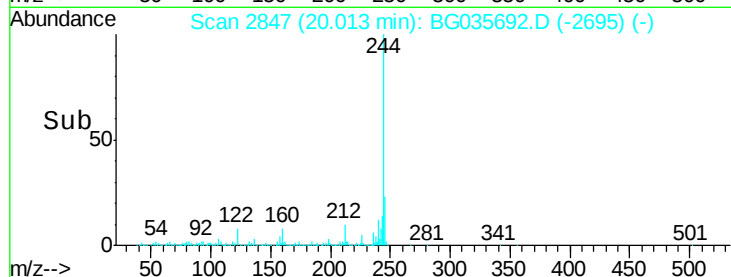
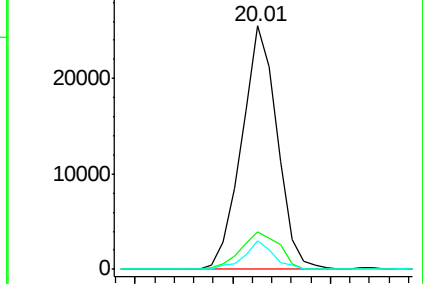
183 11.8 10.6 16.0



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: 97.503 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG035692.D

Acq: 17 Jul 2018 21:10

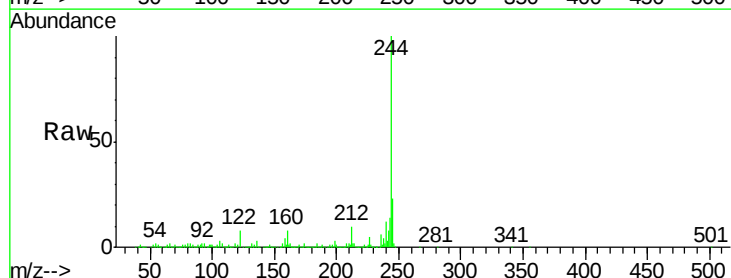
Tgt Ion:244 Resp: 1739803

Ion Ratio Lower Upper

244 100

212 9.9 5.8 8.8#

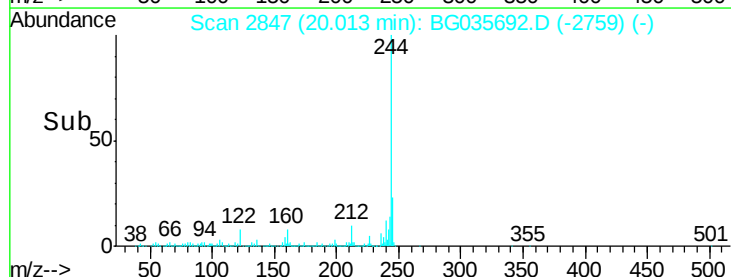
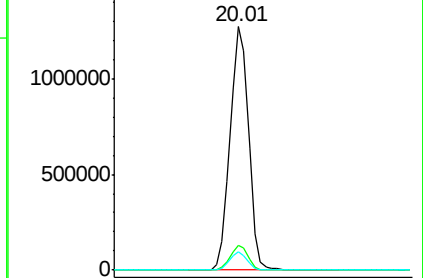
122 7.7 7.0 10.4

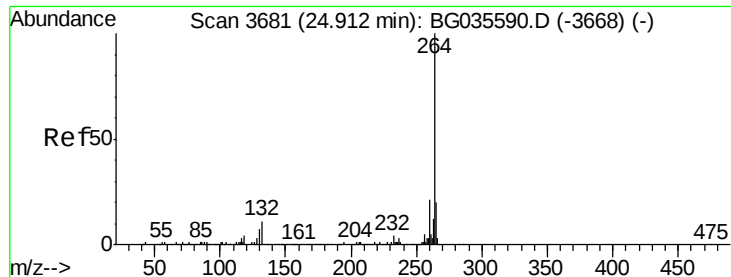


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.88 min Scan# 3676
Delta R.T. -0.03 min
Lab File: BG035692.D
Acq: 17 Jul 2018 21:10

Instrument :
BNA_G
ClientSampleId :
TP-F-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.1	17.7	26.5

