

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG091718\
 Data File : BG036776.D
 Acq On : 18 Sep 2018 6:40
 Operator : JU/SJ
 Sample : J4929-04
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-6

Quant Time: Sep 18 08:02:09 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

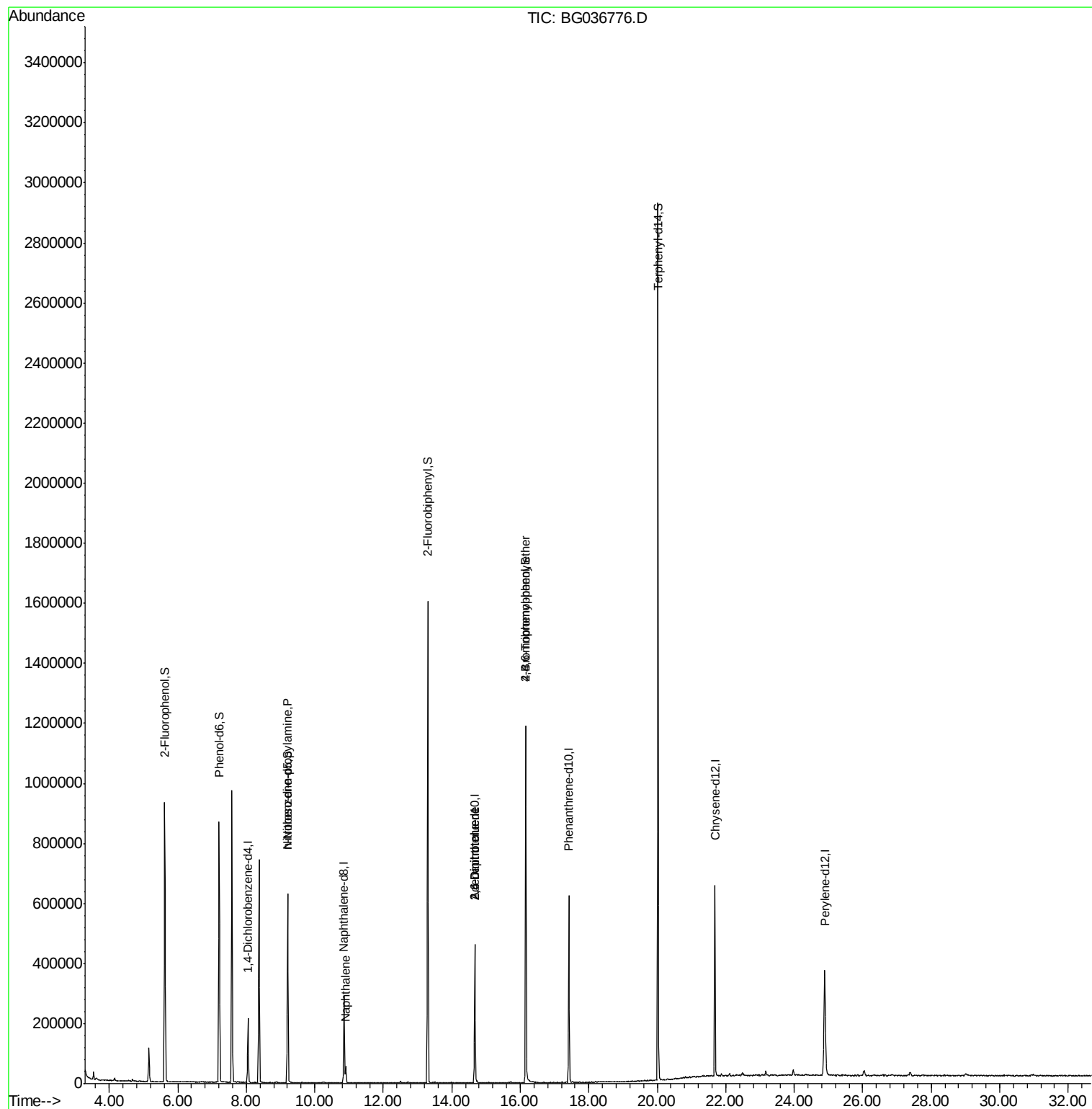
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	63183	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	245079	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	154865	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	389367	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	410831	20.00	ng	-0.02
86) Perylene-d12	24.89	264	397360	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	392338	98.50	ng	0.00
7) Phenol-d6	7.21	99	485804	85.19	ng	-0.01
23) Nitrobenzene-d5	9.21	82	382689	84.72	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	227213	122.96	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	848103	78.19	ng	-0.01
78) Terphenyl-d14	20.02	244	1389504	79.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.21	70	52203	12.248	ng	Qvalue # 68
31) Naphthalene	10.90	128	47746	3.897	ng	97
50) 2,6-Dinitrotoluene	14.68	165	19709	7.574	ng	# 22
56) 2,4-Dinitrotoluene	14.68	165	19709	5.812	ng	# 20
66) 4-Bromophenyl-phenylether	16.16	248	16286	3.573	ng	# 1

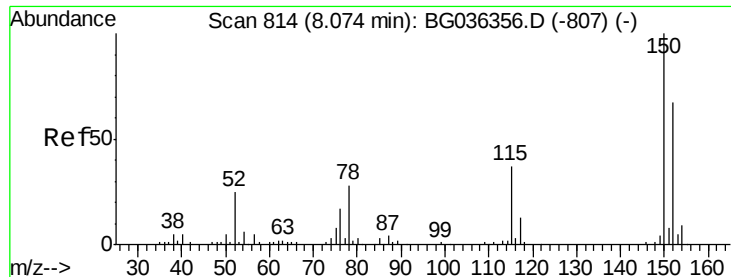
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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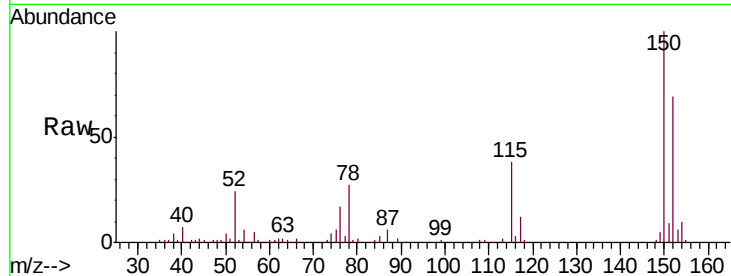


#1

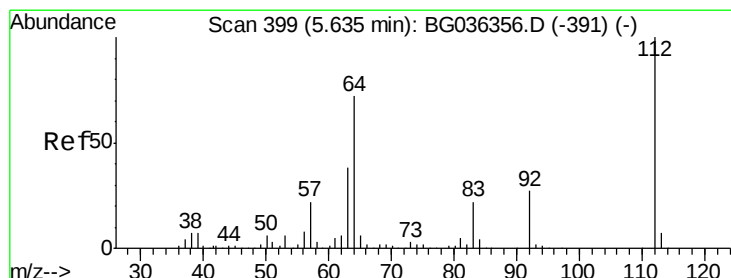
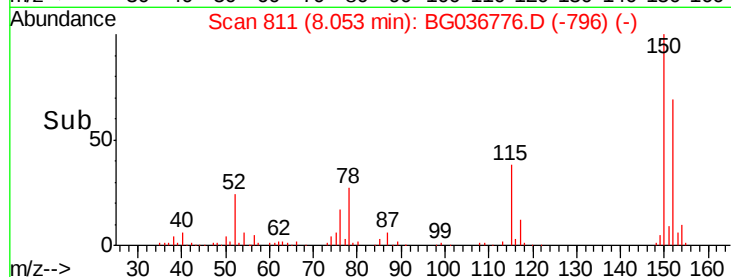
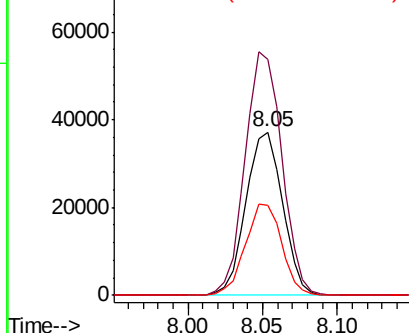
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036776.D
 Acq: 18 Sep 2018 6:40

Instrument :
 BNA_G
 ClientSampled :
 SP-PIT-6

Tgt Ion:152 Resp: 63183
 Ion Ratio Lower Upper
 152 100
 150 144.0 119.5 179.3
 115 55.1 44.5 66.7



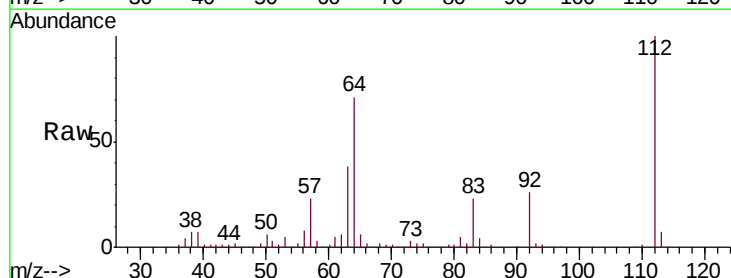
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



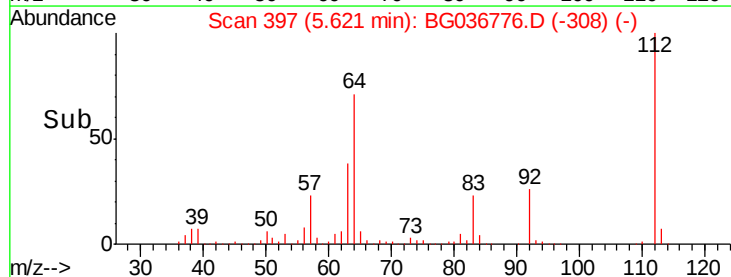
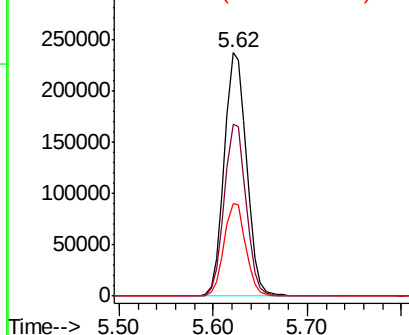
#5

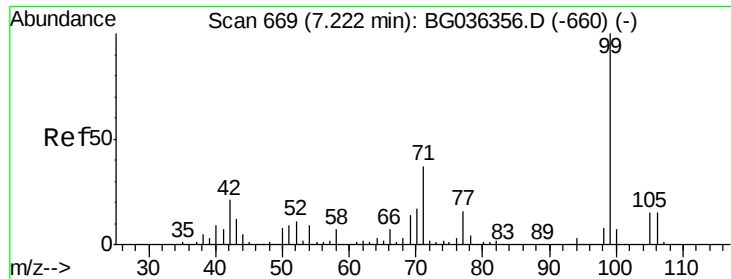
2-Fluorophenol
 Concen: 98.502 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036776.D
 Acq: 18 Sep 2018 6:40

Tgt Ion:112 Resp: 392338
 Ion Ratio Lower Upper
 112 100
 64 70.5 57.2 85.8
 63 37.8 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: 85.188 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

Instrument :

BNA_G

ClientSampleId :

SP-PIT-6

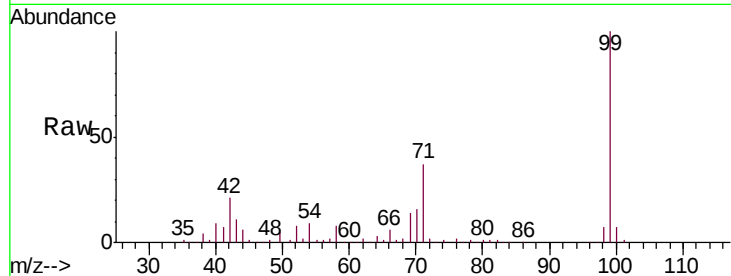
Tgt Ion: 99 Resp: 485804

Ion Ratio Lower Upper

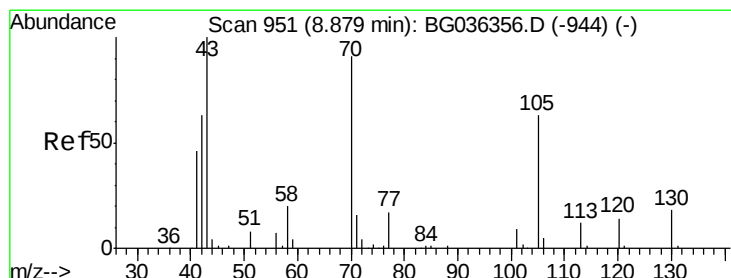
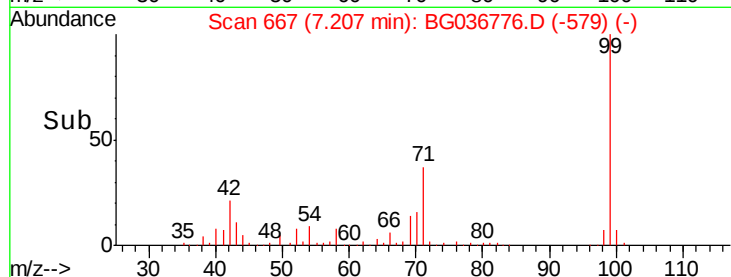
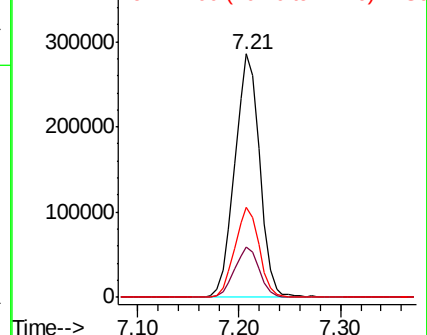
99 100

42 20.6 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: 12.248 ng

RT: 9.21 min Scan# 1007

Delta R.T. 0.34 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

Tgt Ion: 70 Resp: 52203

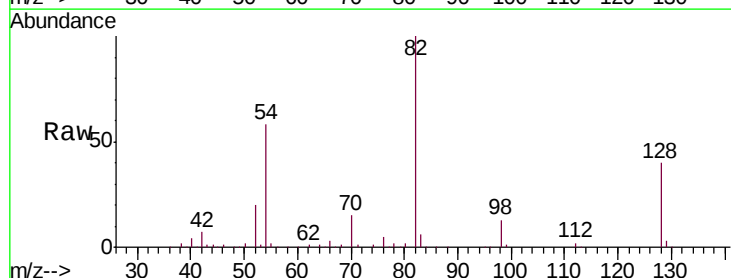
Ion Ratio Lower Upper

70 100

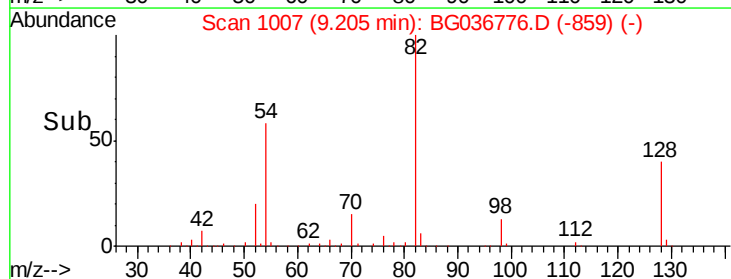
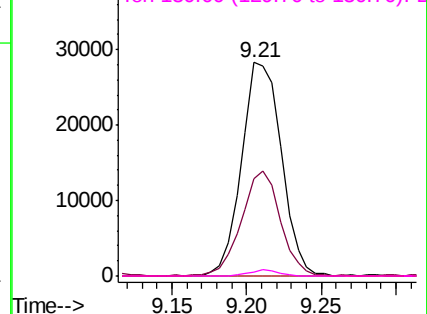
42 45.8 56.2 84.4#

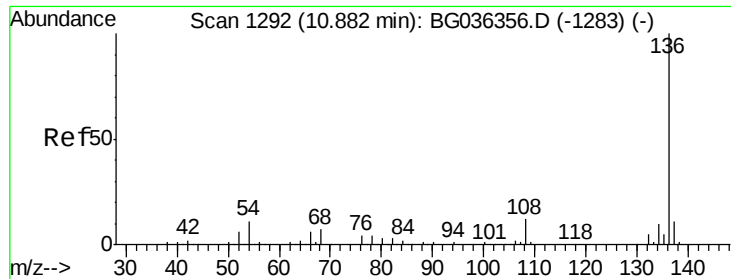
101 0.0 7.8 11.6#

130 1.5 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

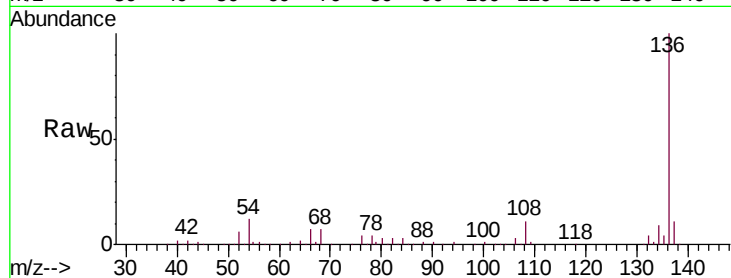




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036776.D
Acq: 18 Sep 2018 6:40

Instrument :
BNA_G
ClientSampleId :
SP-PIT-6

Tgt Ion:	136	Resp:	245079
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	11.6	9.2	13.8
68	6.9	5.8	8.6



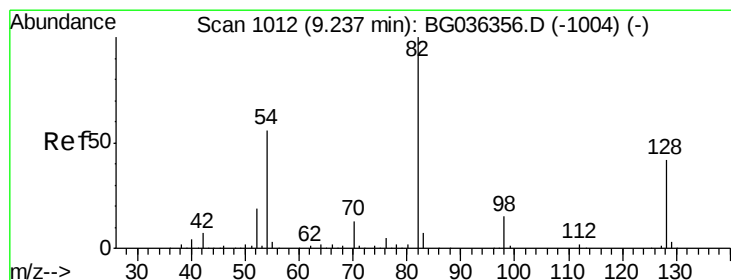
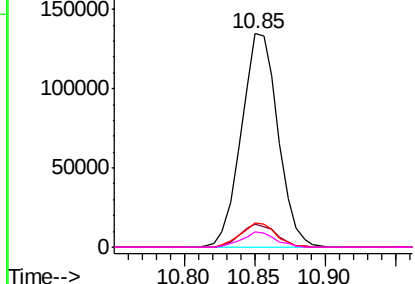
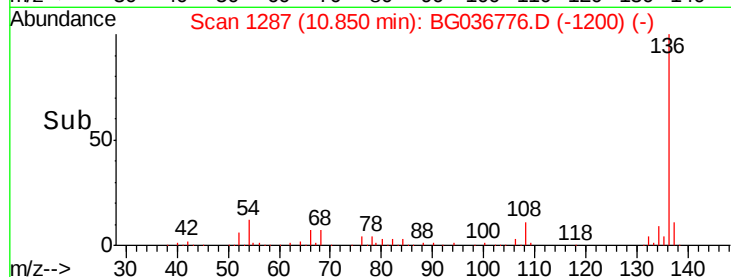
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

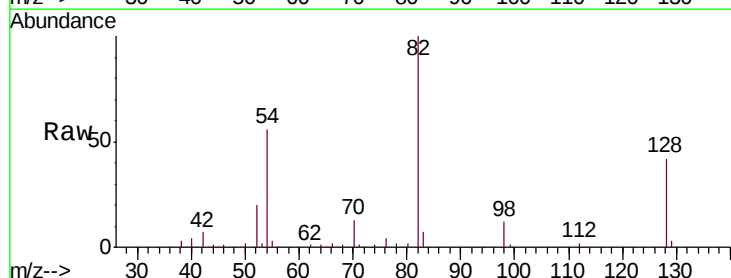
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 84.721 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036776.D
Acq: 18 Sep 2018 6:40

Tgt Ion:	82	Resp:	382689
Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.3	49.9
54	56.0	45.1	67.7

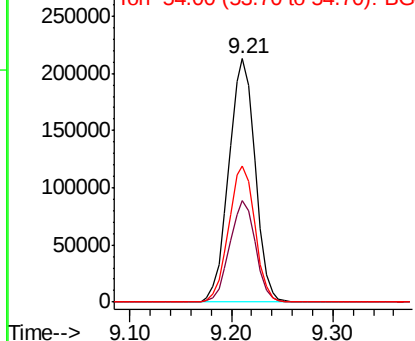
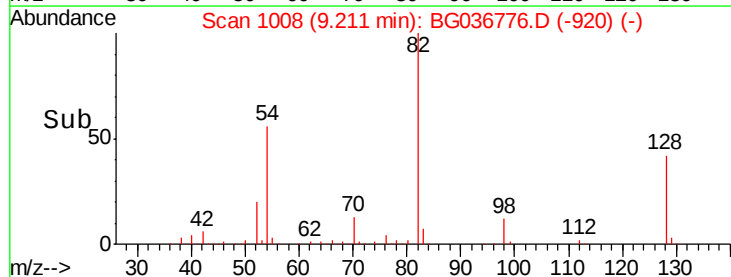


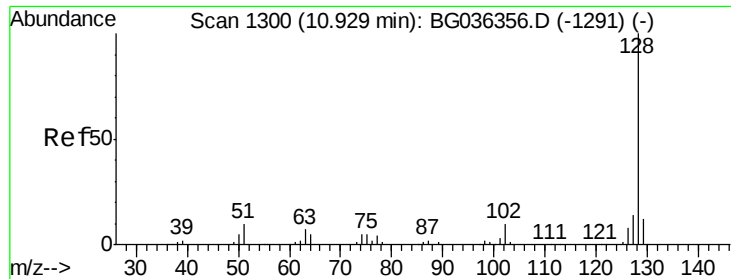
Abundance

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

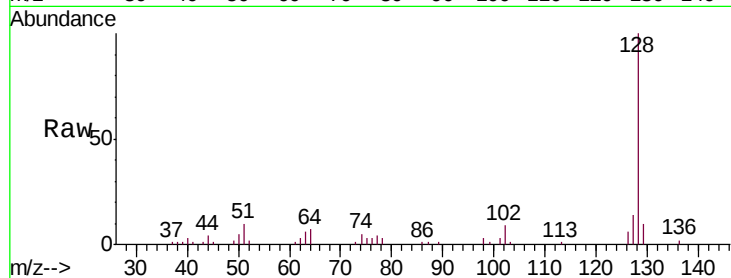




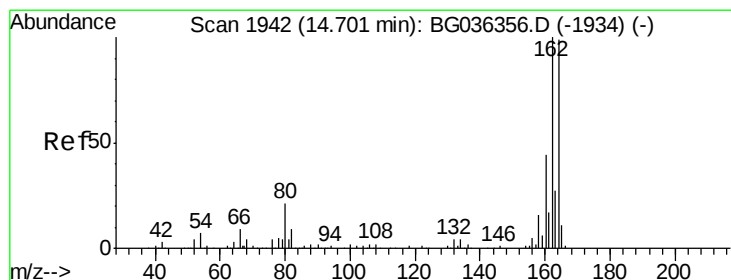
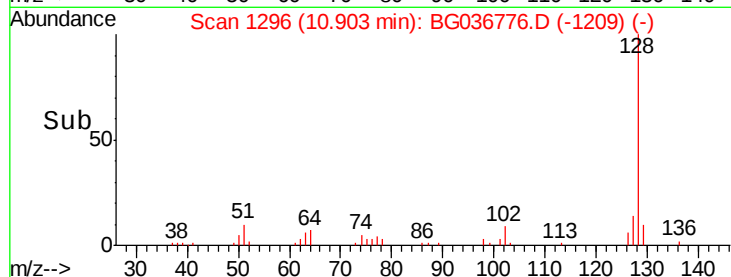
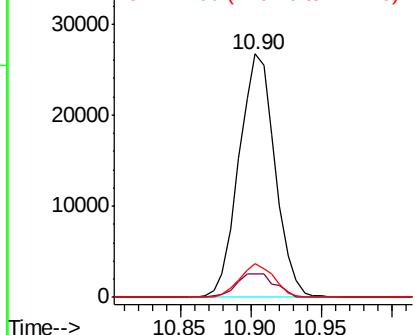
#31
Naphthalene
Concen: 3.897 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BG036776.D
Acq: 18 Sep 2018 6:40

Instrument :
BNA_G
ClientSampleId :
SP-PIT-6

Tgt Ion:128 Resp: 47746
Ion Ratio Lower Upper
128 100
129 9.6 9.4 14.2
127 13.7 11.0 16.4

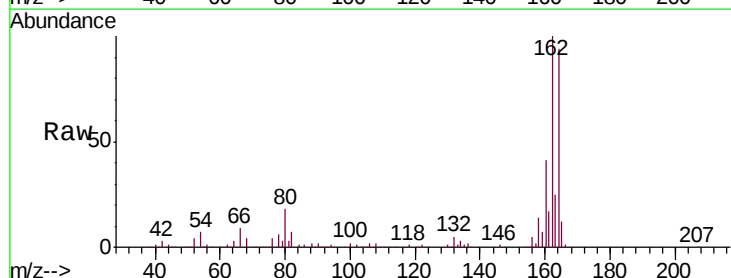


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

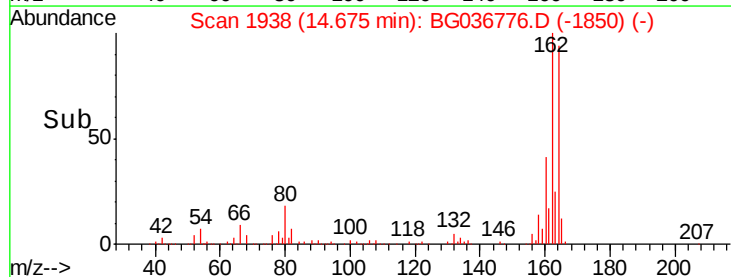
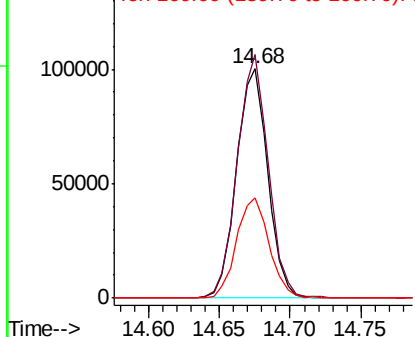


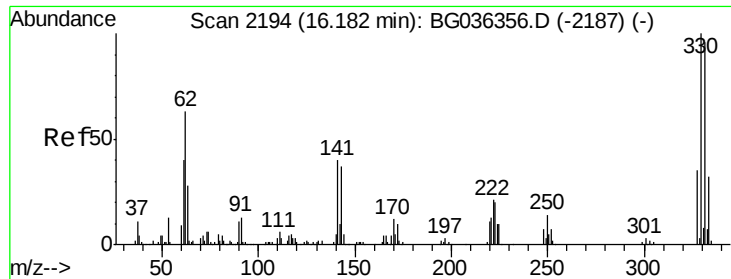
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036776.D
Acq: 18 Sep 2018 6:40

Tgt Ion:164 Resp: 154865
Ion Ratio Lower Upper
164 100
162 106.3 80.7 121.1
160 43.8 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

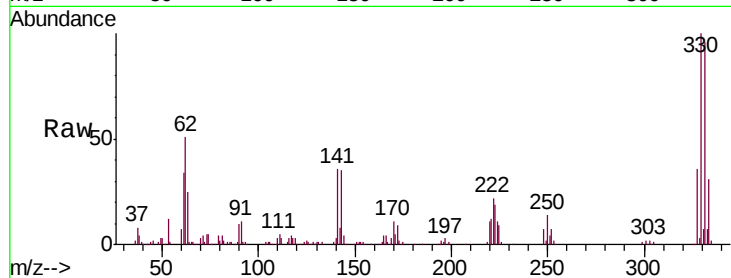




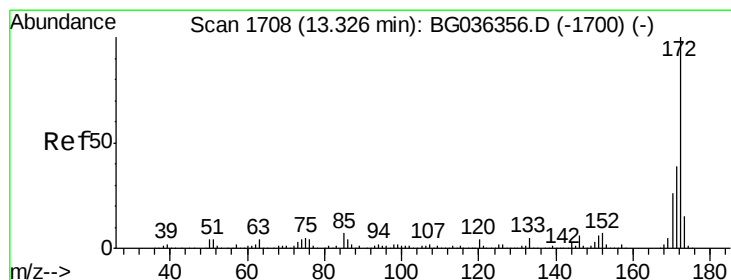
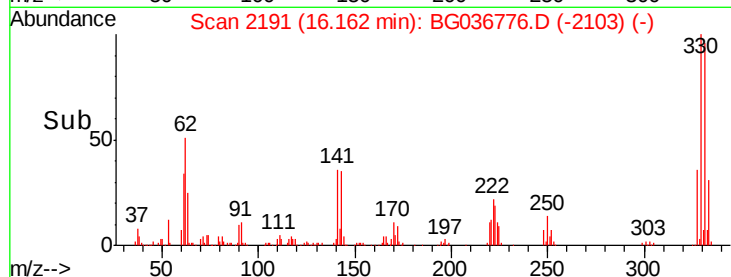
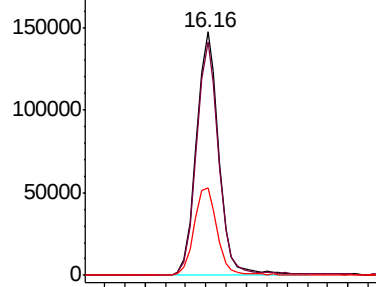
#41
 2,4,6-Tribromophenol
 Concen: 122.958 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036776.D
 Acq: 18 Sep 2018 6:40

Instrument :
 BNA_G
 ClientSampled :
 SP-PIT-6

Tgt Ion:330 Resp: 227213
 Ion Ratio Lower Upper
 330 100
 332 95.9 75.4 113.2
 141 37.1 30.7 46.1

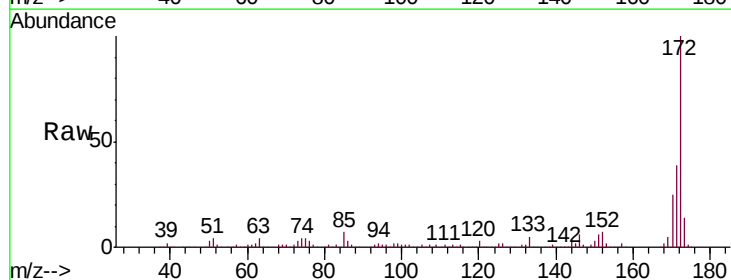


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

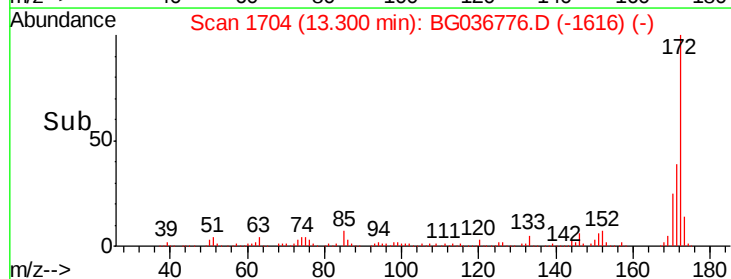
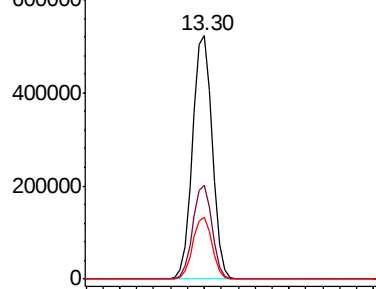


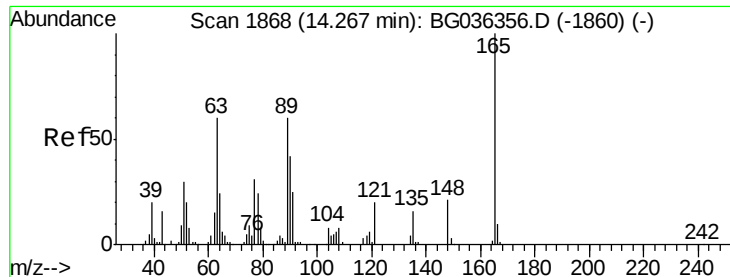
#44
 2-Fluorobiphenyl
 Concen: 78.193 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036776.D
 Acq: 18 Sep 2018 6:40

Tgt Ion:172 Resp: 848103
 Ion Ratio Lower Upper
 172 100
 171 38.5 31.3 46.9
 170 25.3 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

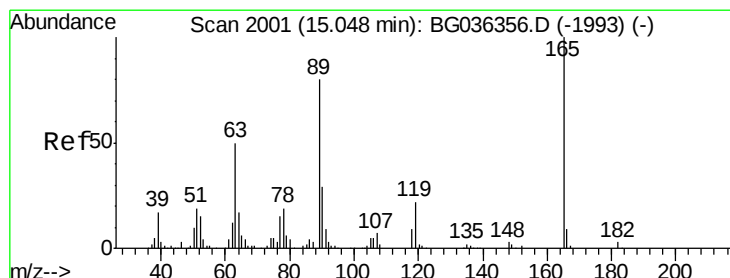
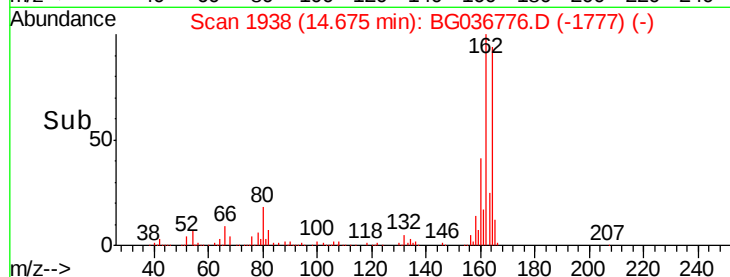
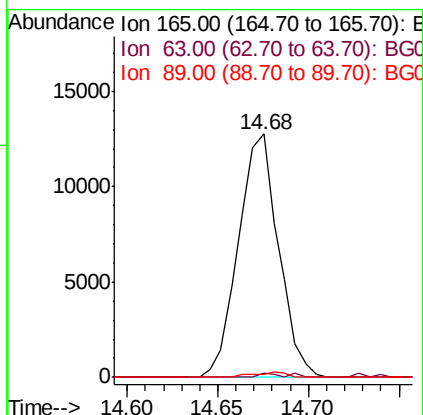
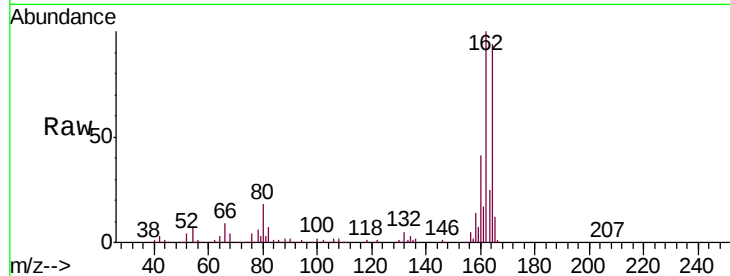




#50
2,6-Dinitrotoluene
Concen: 7.574 ng
RT: 14.68 min Scan# 1938
Delta R.T. 0.42 min
Lab File: BG036776.D
Acq: 18 Sep 2018 6:40

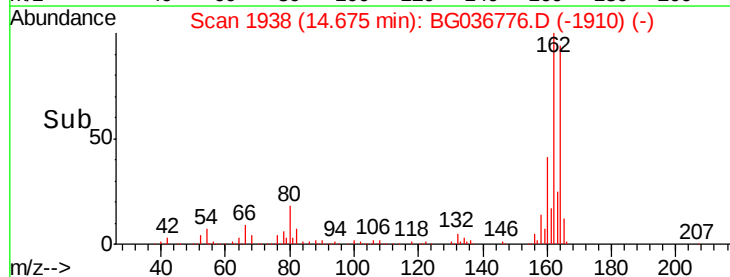
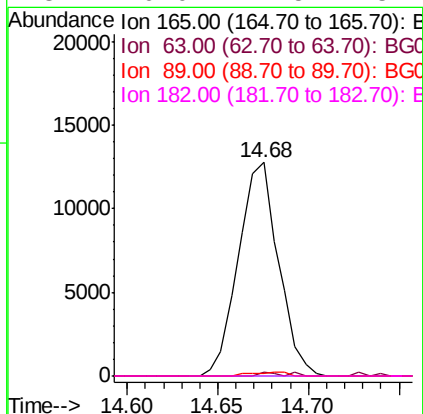
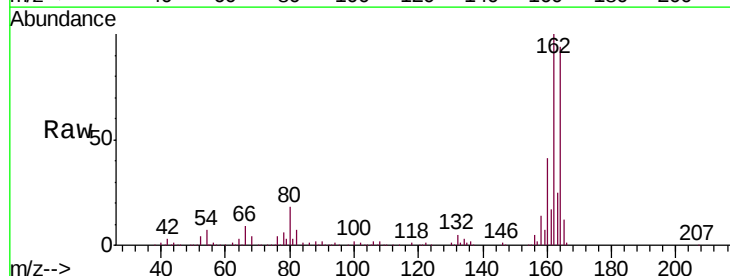
Instrument :
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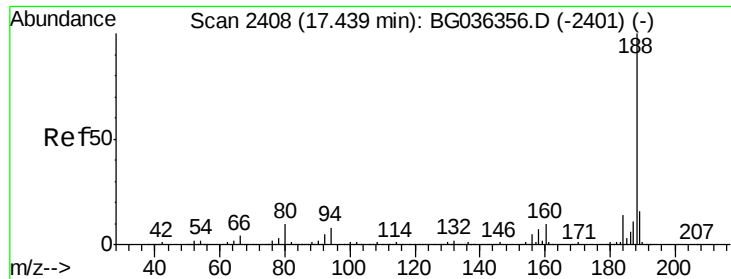
Tgt Ion:165 Resp: 19709
Ion Ratio Lower Upper
165 100
63 1.6 50.1 75.1#
89 1.5 47.8 71.6#



#56
2,4-Dinitrotoluene
Concen: 5.812 ng
RT: 14.68 min Scan# 1938
Delta R.T. -0.36 min
Lab File: BG036776.D
Acq: 18 Sep 2018 6:40

Tgt Ion:165 Resp: 19709
Ion Ratio Lower Upper
165 100
63 1.6 40.1 60.1#
89 1.5 63.7 95.5#
182 0.0 2.5 3.7#

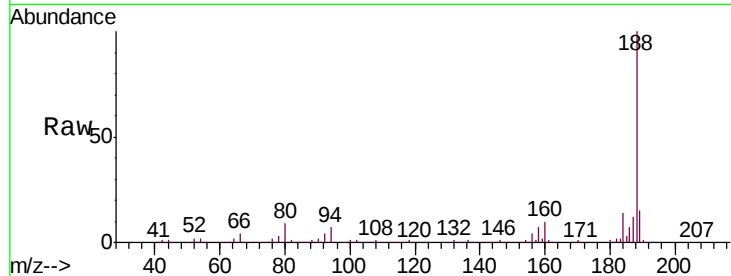




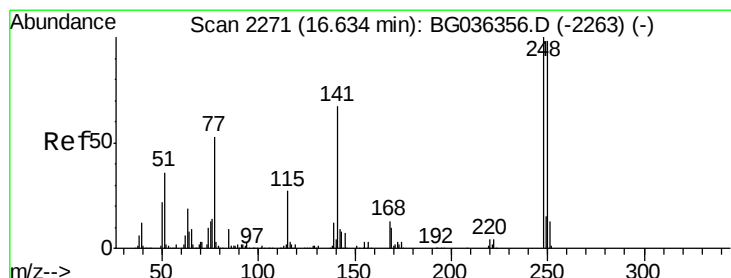
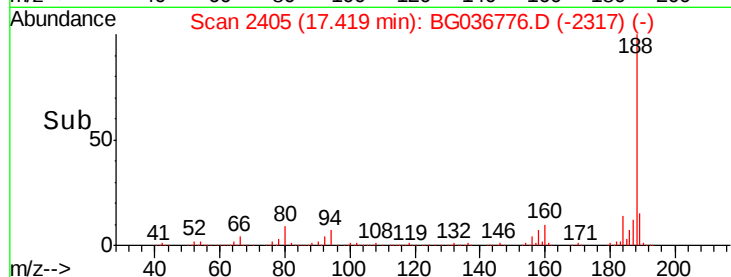
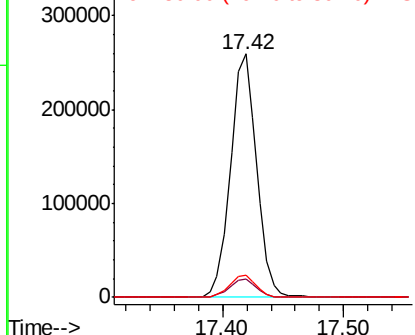
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036776.D
 Acq: 18 Sep 2018 6:40

Instrument :
 BNA_G
 ClientSampleId :
 SP-PIT-6

Tgt Ion:188 Resp: 389367
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.7 10.1
 80 8.9 8.1 12.1

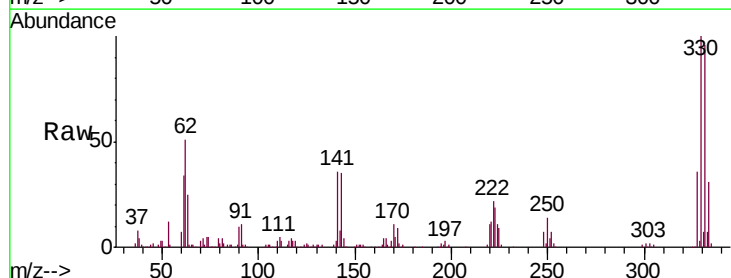


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

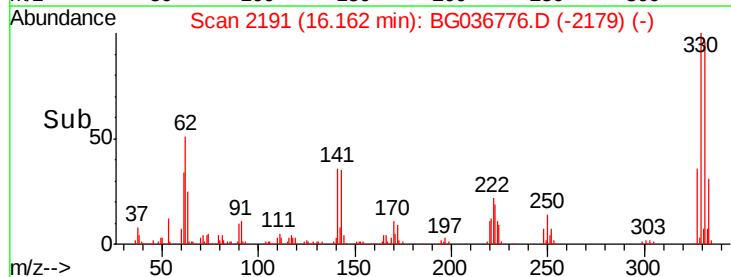
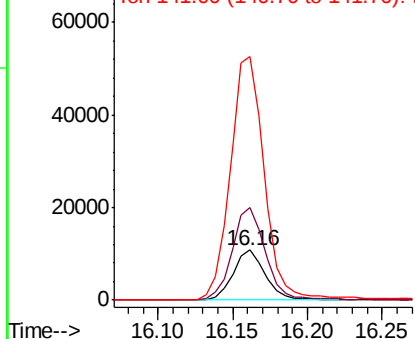


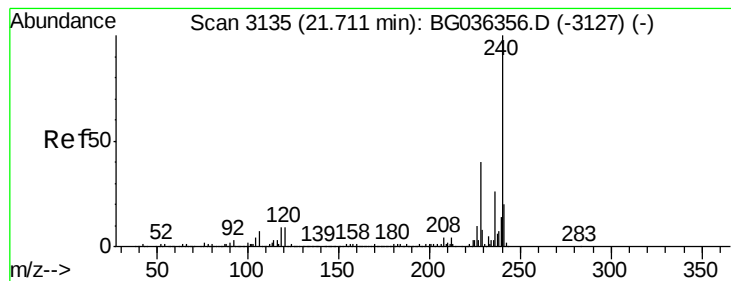
#66
 4-Bromophenyl-phenylether
 Concen: 3.573 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.46 min
 Lab File: BG036776.D
 Acq: 18 Sep 2018 6:40

Tgt Ion:248 Resp: 16286
 Ion Ratio Lower Upper
 248 100
 250 185.5 78.1 117.1#
 141 485.6 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# 3130

Delta R.T. -0.02 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

Instrument :

BNA_G

ClientSampleId :

SP-PIT-6

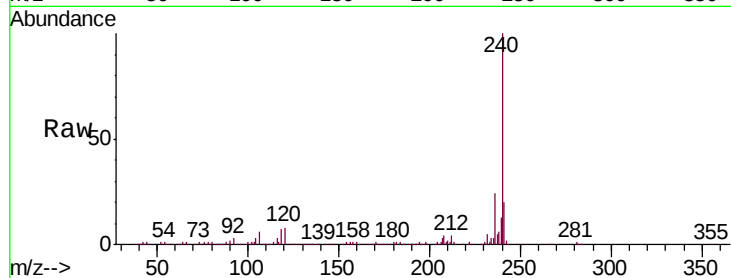
Tgt Ion:240 Resp: 410831

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

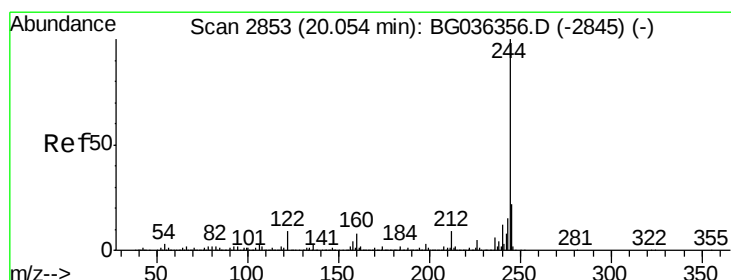
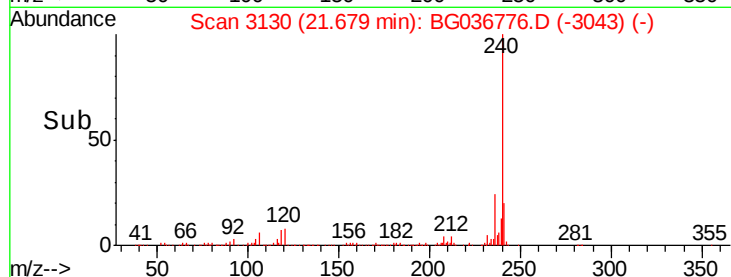
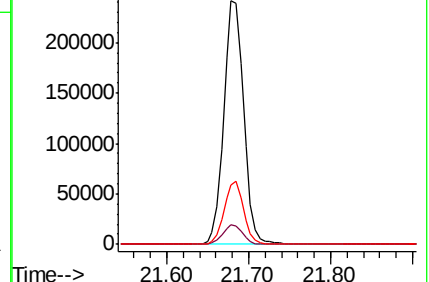
236 24.4 21.2 31.8



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: 79.053 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG036776.D

Acq: 18 Sep 2018 6:40

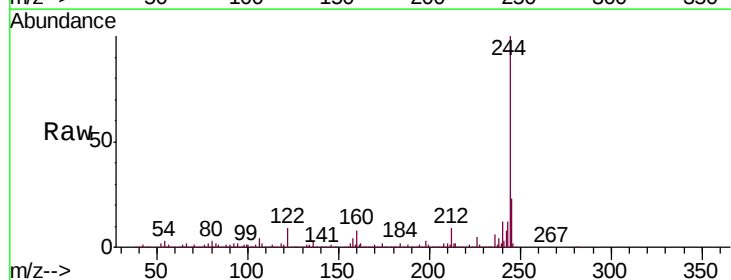
Tgt Ion:244 Resp: 1389504

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

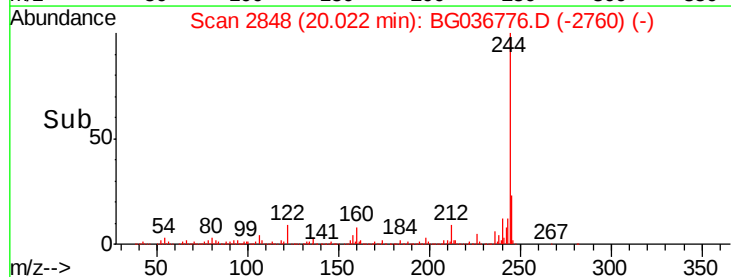
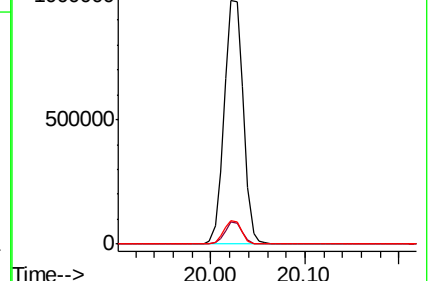
122 9.4 7.1 10.7

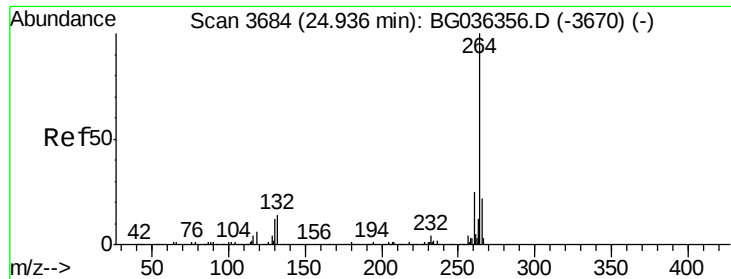


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

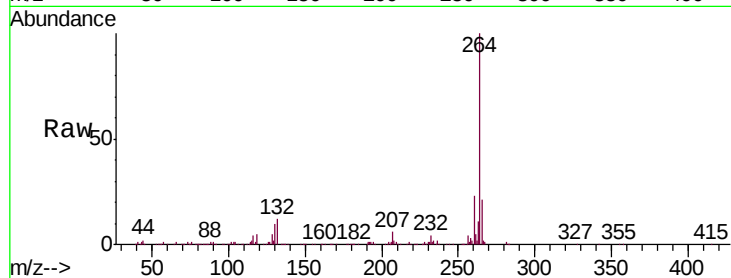




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.02 min
Lab File: BG036776.D
Acq: 18 Sep 2018 6:40

Instrument :
BNA_G
ClientSampleId :
SP-PIT-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.6	29.4
265	21.5	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

