

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080918\
 Data File : BG036259.D
 Acq On : 10 Aug 2018 8:39
 Operator : JU/SJ
 Sample : J4398-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E7-F7-E7A-F7A

Quant Time: Aug 10 12:05:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 31 12:30:06 2018
 Response via : Initial Calibration

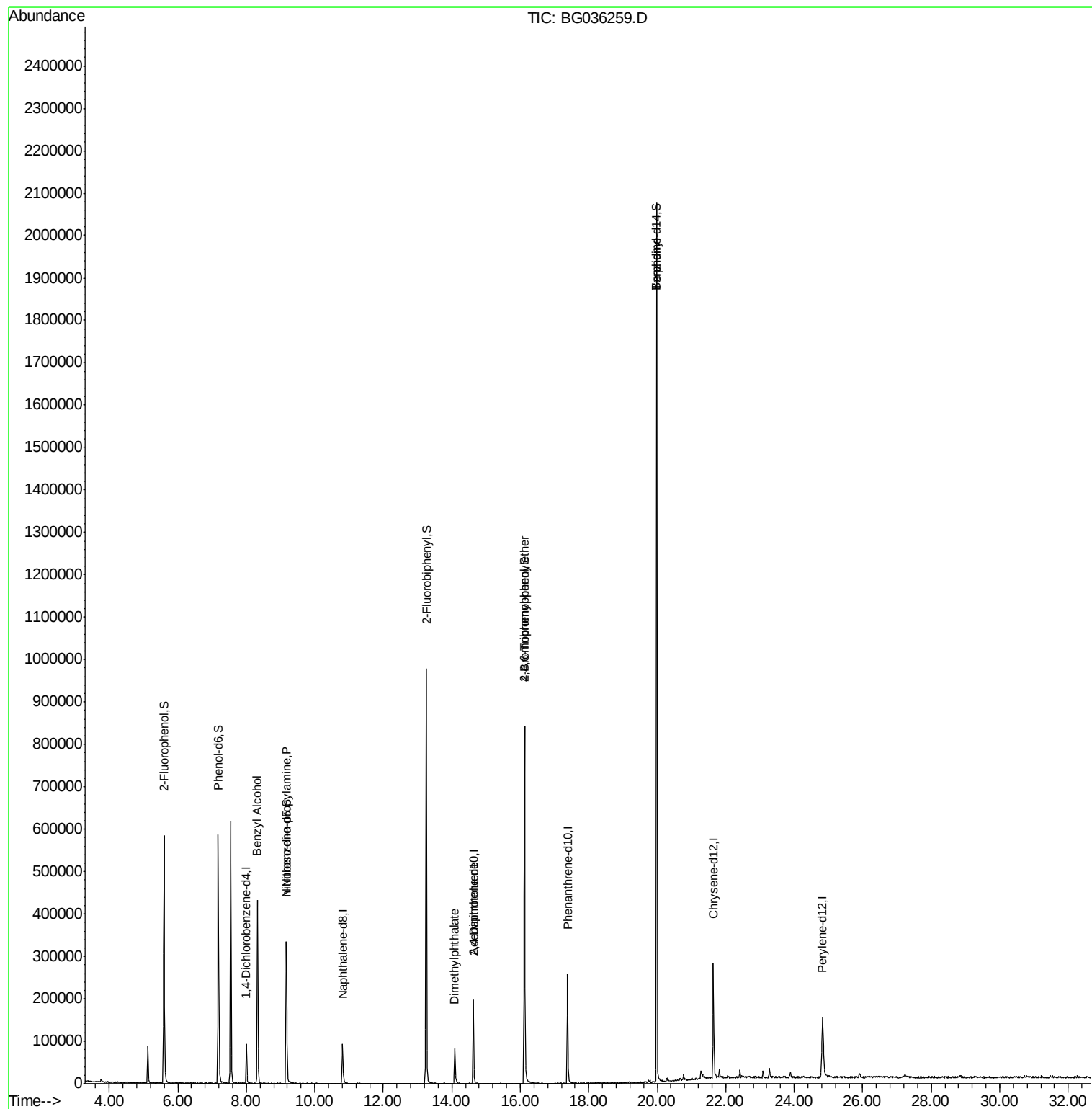
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26671	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	97065	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	70761	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	185344	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	198588	20.00	ng	-0.02
86) Perylene-d12	24.83	264	183713	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	256797	159.85	ng	0.00
7) Phenol-d6	7.18	99	362249	151.14	ng	-0.01
23) Nitrobenzene-d5	9.17	82	248656	107.02	ng	-0.01
41) 2,4,6-Tribromophenol	16.12	330	169208	181.42	ng	-0.02
44) 2-Fluorobiphenyl	13.26	172	568235	107.59	ng	-0.02
78) Terphenyl-d14	19.98	244	1019442	113.16	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.33	79	4556	2.093	ng	# 57
19) n-Nitroso-di-n-propylamine	9.17	70	34740	17.212	ng	# 68
49) Dimethylphthalate	14.09	163	76202	12.291	ng	# 96
56) 2,4-Dinitrotoluene	14.63	165	9657	5.332	ng	# 18
66) 4-Bromophenyl-phenylether	16.12	248	14135	6.573	ng	# 1
76) Benzidine	19.98	184	18475	3.539	ng	# 94

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

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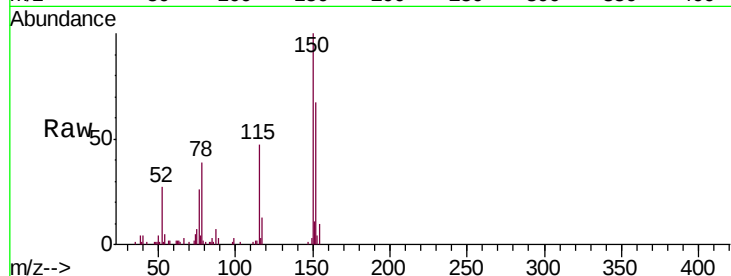


#1

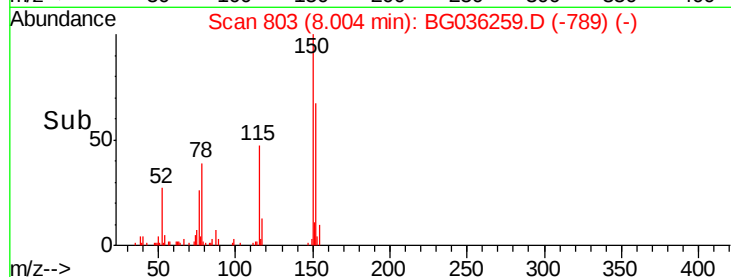
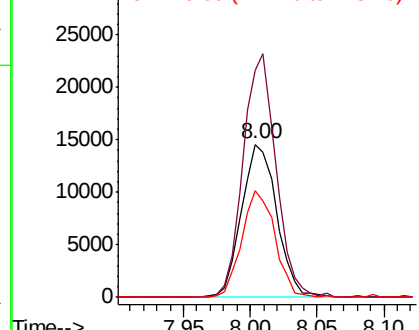
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 803
Delta R.T. -0.02 min
Lab File: BG036259.D
Acq: 10 Aug 2018 8:39

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion:152 Resp: 26671
Ion Ratio Lower Upper
152 100
150 148.5 126.6 189.8
115 70.1 53.0 79.4



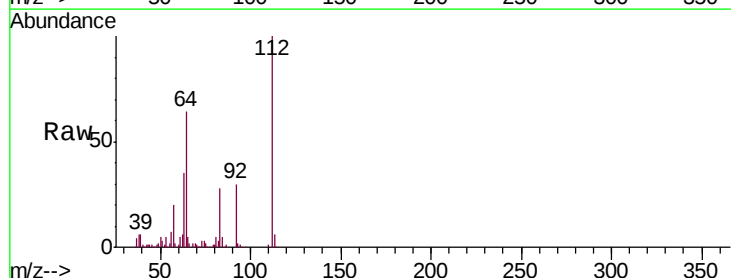
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



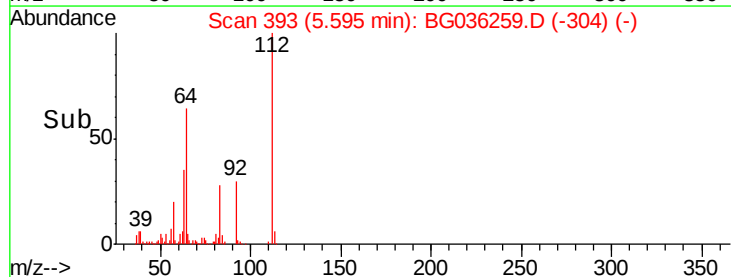
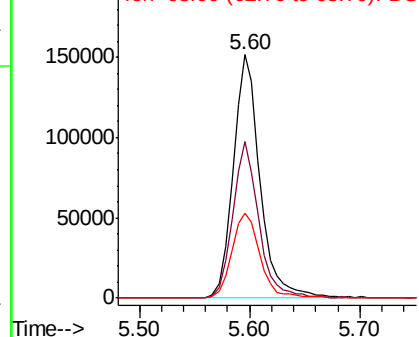
#5

2-Fluorophenol
Concen: 159.853 ng
RT: 5.60 min Scan# 393
Delta R.T. -0.01 min
Lab File: BG036259.D
Acq: 10 Aug 2018 8:39

Tgt Ion:112 Resp: 256797
Ion Ratio Lower Upper
112 100
64 64.4 56.3 84.5
63 34.7 30.1 45.1



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: 151.137 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036259.D

Acq: 10 Aug 2018 8:39

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E7-F7-E7A-F7A

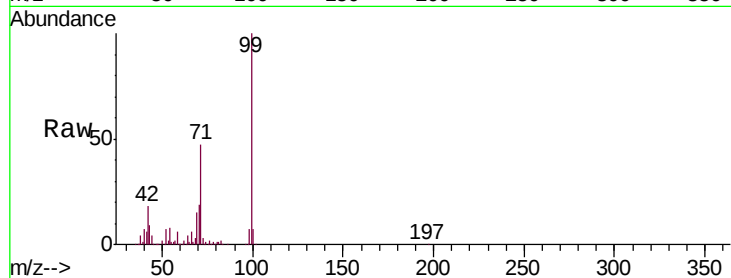
Tgt Ion: 99 Resp: 362249

Ion Ratio Lower Upper

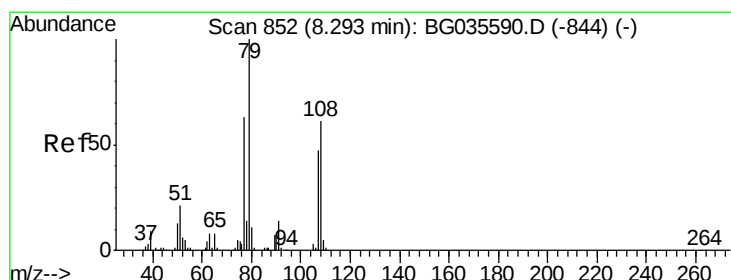
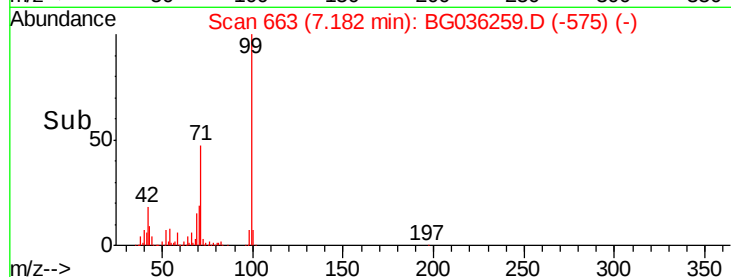
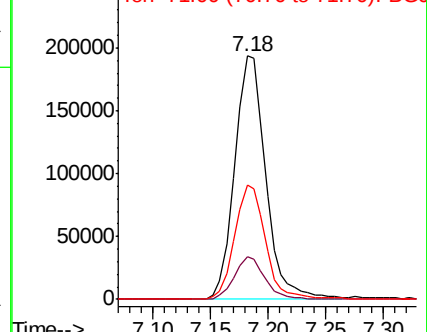
99 100

42 17.6 14.1 21.1

71 47.2 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



#15

Benzyl Alcohol

Concen: 2.093 ng

RT: 8.33 min Scan# 859

Delta R.T. 0.07 min

Lab File: BG036259.D

Acq: 10 Aug 2018 8:39

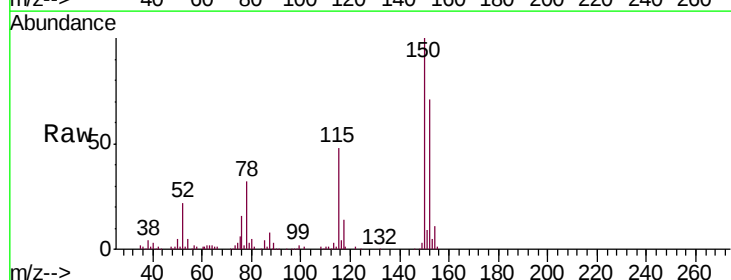
Tgt Ion: 79 Resp: 4556

Ion Ratio Lower Upper

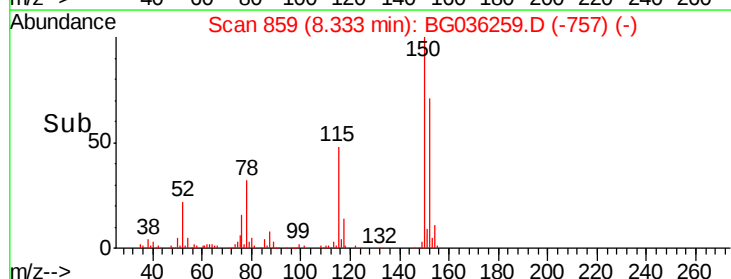
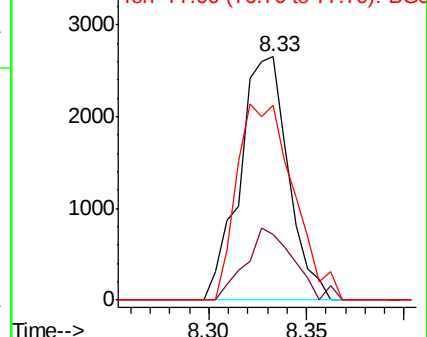
79 100

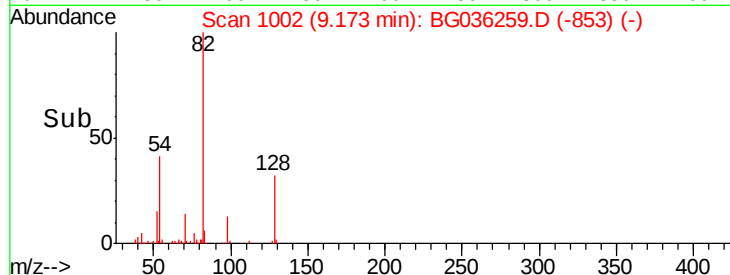
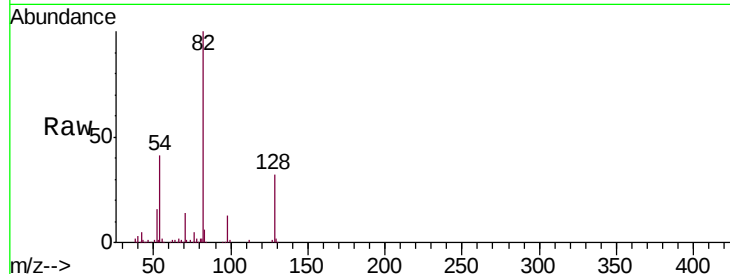
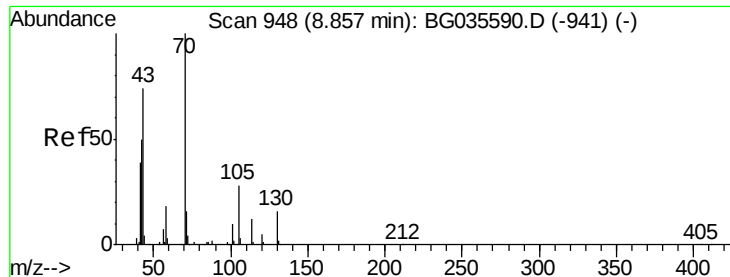
108 27.0 57.2 85.8#

77 80.2 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

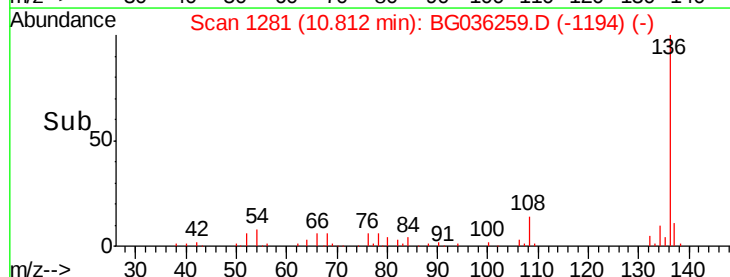
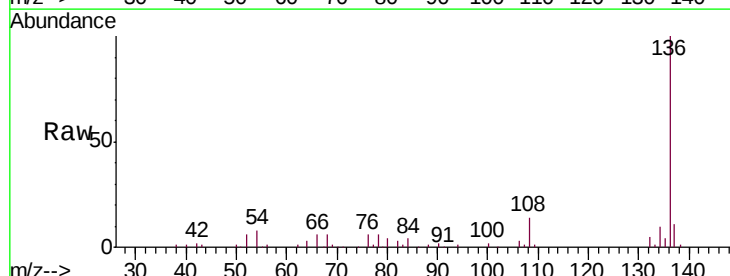
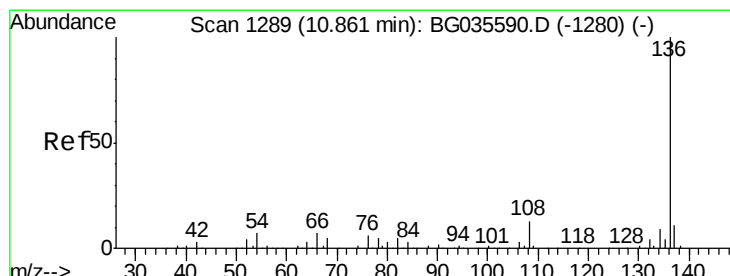
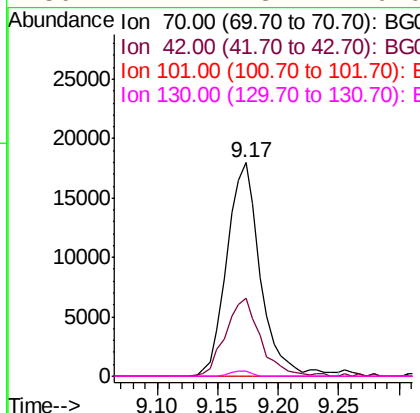




#19
n-Nitroso-di-n-propylamine
Concen: 17.212 ng
RT: 9.17 min Scan# 1002
Delta R.T. 0.34 min
Lab File: BG036259.D
Acq: 10 Aug 2018 8:39

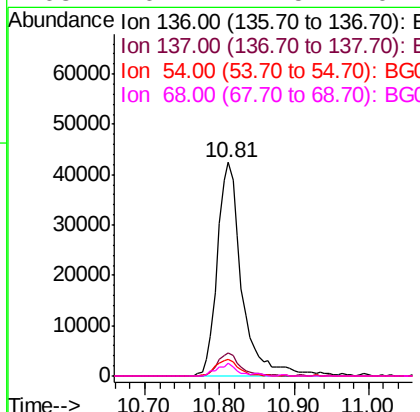
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E7-F7-E7A-F7A

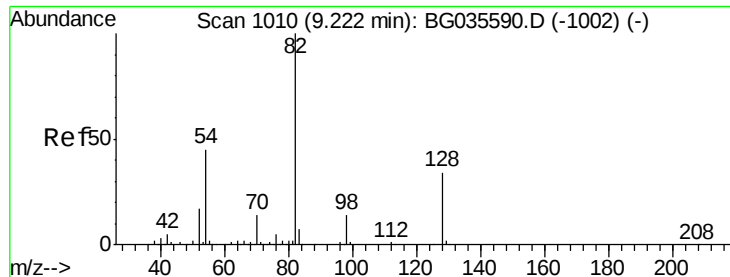
Tgt Ion: 70 Resp: 34740
Ion Ratio Lower Upper
70 100
42 36.7 49.1 73.7#
101 0.0 8.5 12.7#
130 2.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036259.D
Acq: 10 Aug 2018 8:39

Tgt Ion: 136 Resp: 97065
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 7.7 10.3 15.5#
68 6.1 4.5 6.7

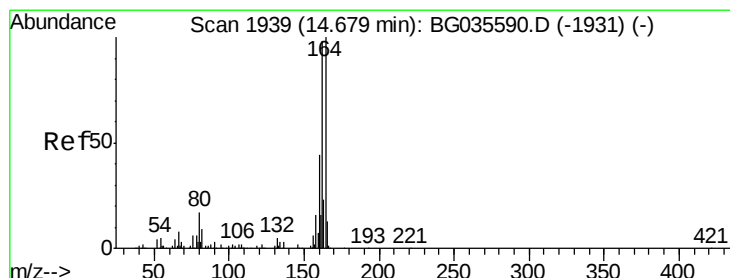
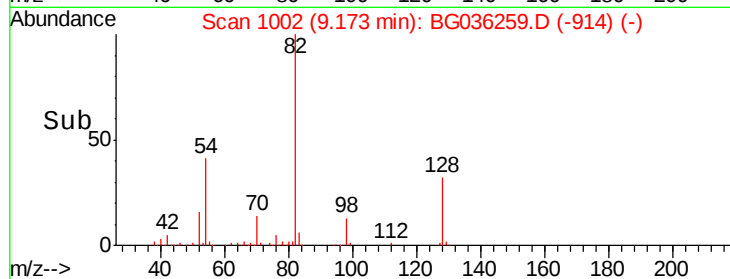
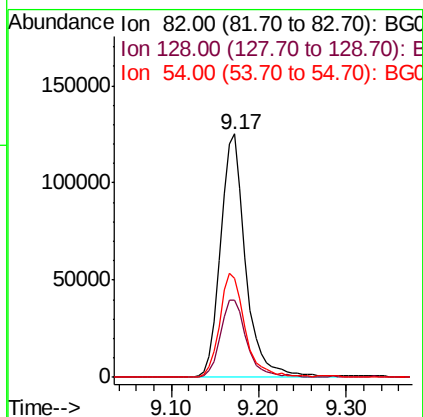
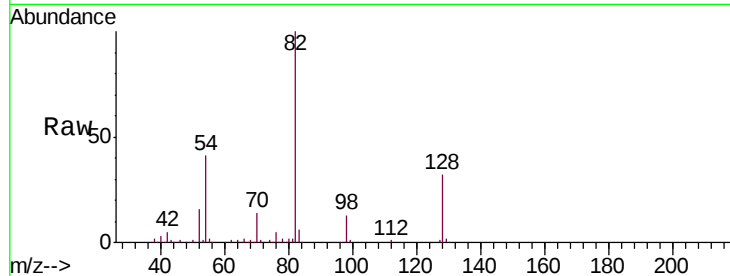




#23
 Nitrobenzene-d5
 Concen: 107.016 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.01 min
 Lab File: BG036259.D
 Acq: 10 Aug 2018 8:39

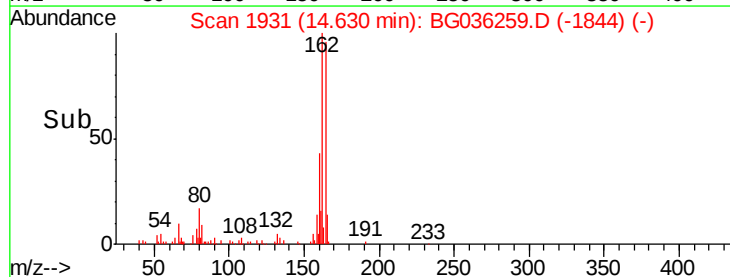
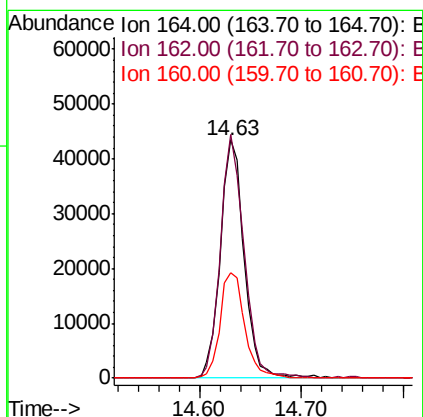
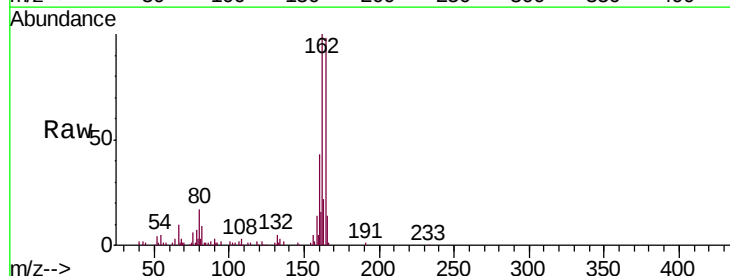
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E7-F7-E7A-F7A

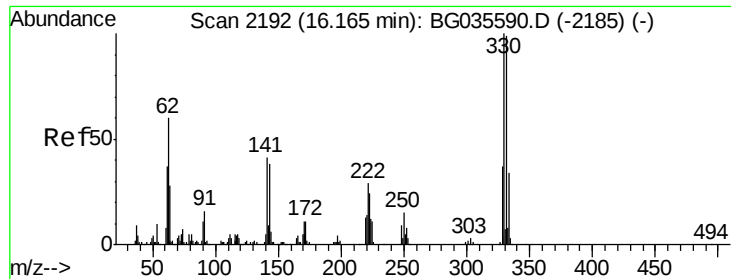
Tgt Ion: 82 Resp: 248656
 Ion Ratio Lower Upper
 82 100
 128 31.7 29.7 44.5
 54 40.8 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036259.D
 Acq: 10 Aug 2018 8:39

Tgt Ion: 164 Resp: 70761
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.8 118.2
 160 44.3 35.4 53.0

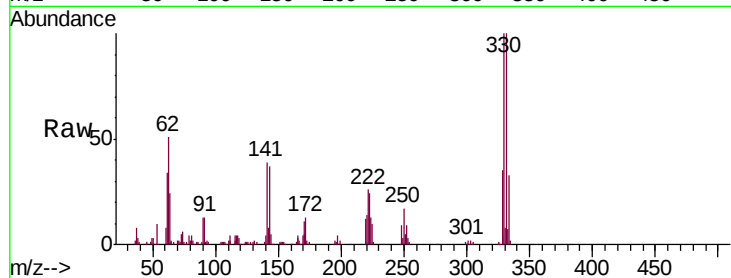




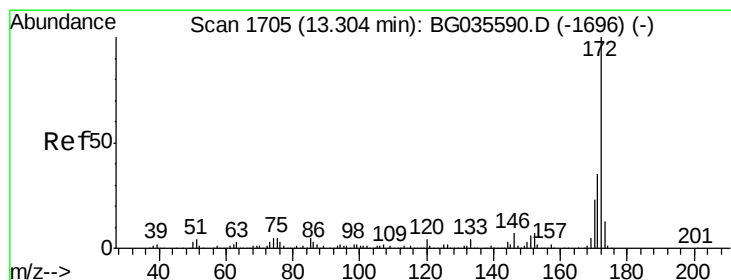
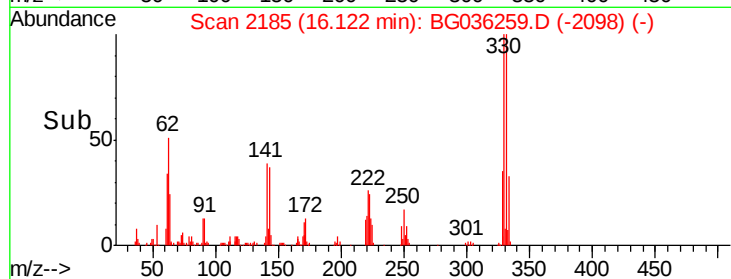
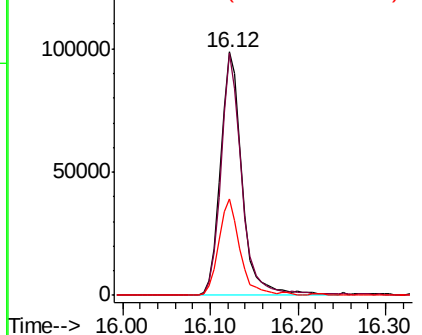
#41
 2,4,6-Tribromophenol
 Concen: 181.422 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036259.D
 Acq: 10 Aug 2018 8:39

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E7-F7-E7A-F7A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	38.8	25.2	37.8#

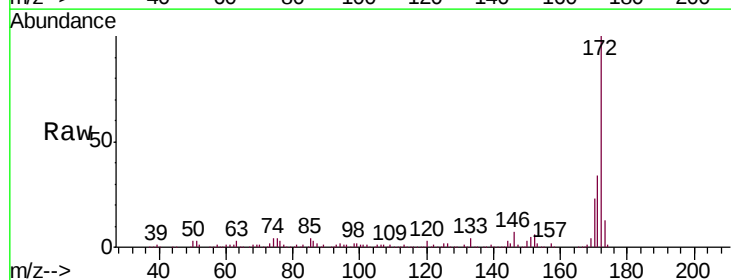


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

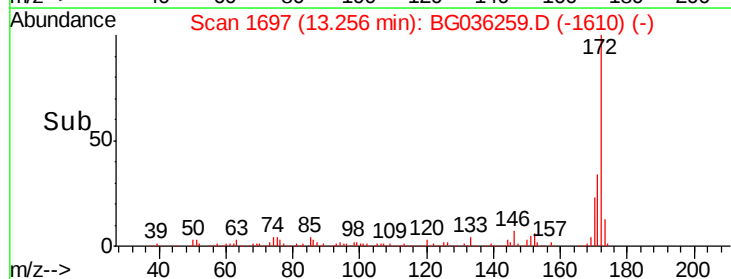
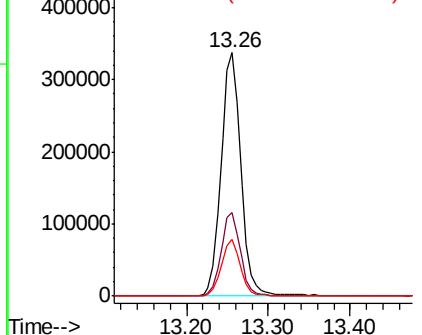


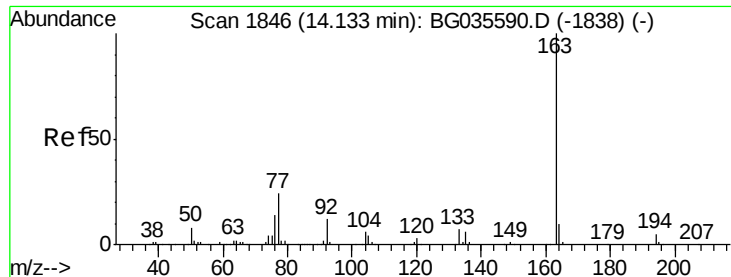
#44
 2-Fluorobiphenyl
 Concen: 107.586 ng
 RT: 13.26 min Scan# 1697
 Delta R.T. -0.02 min
 Lab File: BG036259.D
 Acq: 10 Aug 2018 8:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.2	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





#49

Dimethylphthalate

Concen: 12.291 ng

RT: 14.09 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BG036259.D

Acq: 10 Aug 2018 8:39

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E7-F7-E7A-F7A

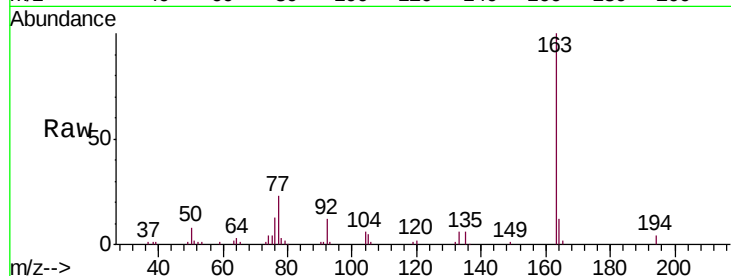
Tgt Ion:163 Resp: 76202

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

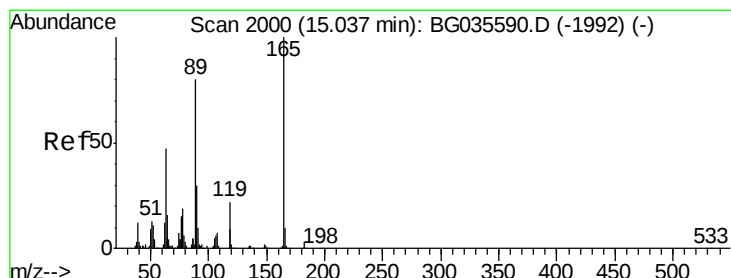
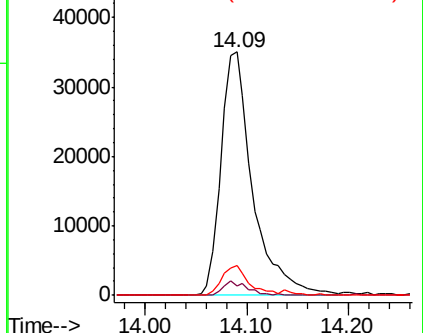
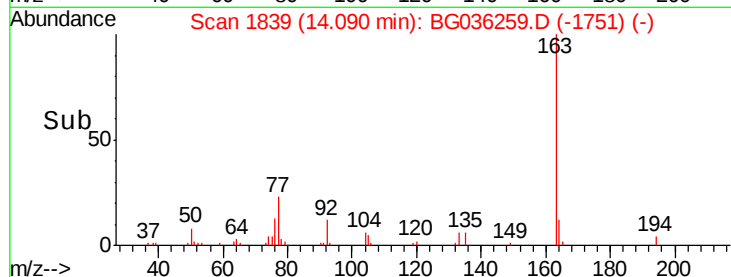
164 12.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.332 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.38 min

Lab File: BG036259.D

Acq: 10 Aug 2018 8:39

Tgt Ion:165 Resp: 9657

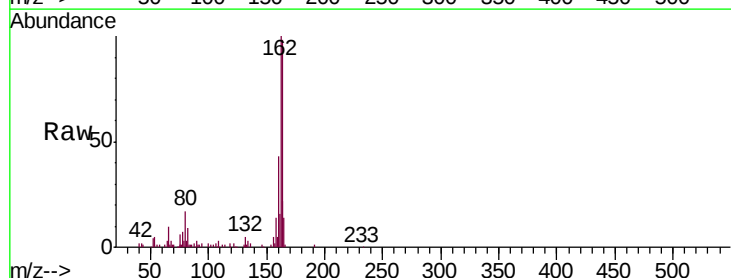
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.5 66.9 100.3#

182 0.0 2.6 3.8#

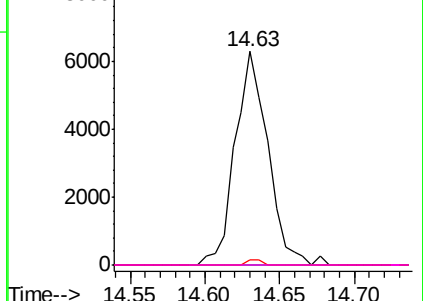
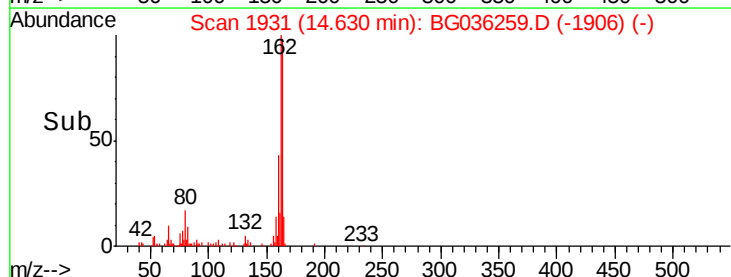


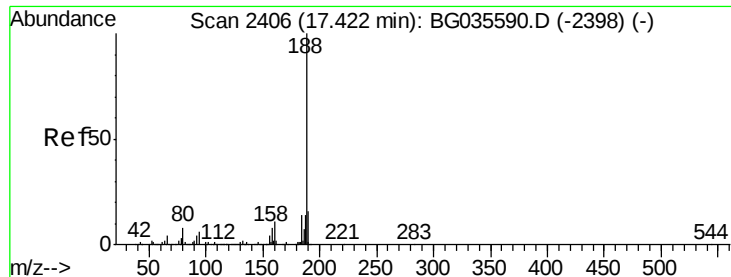
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.38 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG036259.D

Acq: 10 Aug 2018 8:39

Instrument :

BNA_G

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FK-BPM-01-E7-F7-E7A-F7A

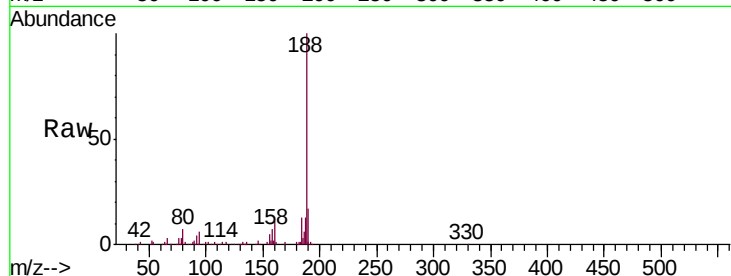
Tgt Ion:188 Resp: 185344

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

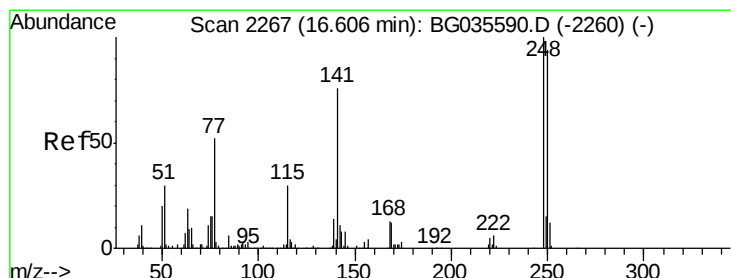
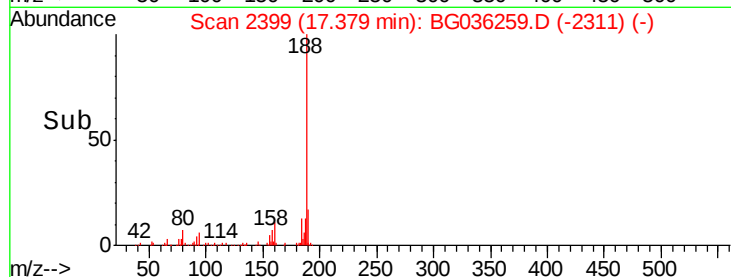
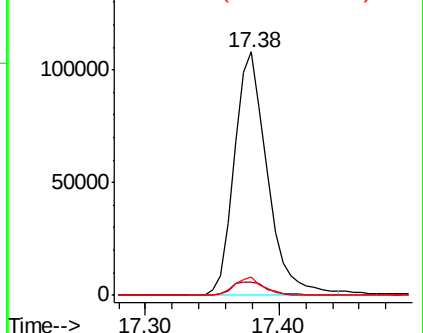
80 7.4 7.7 11.5#



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: 6.573 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.46 min

Lab File: BG036259.D

Acq: 10 Aug 2018 8:39

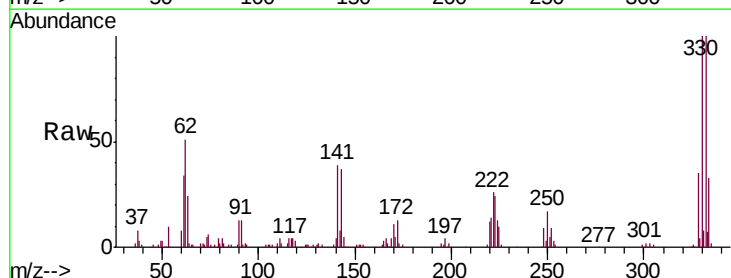
Tgt Ion:248 Resp: 14135

Ion Ratio Lower Upper

248 100

250 192.9 77.1 115.7#

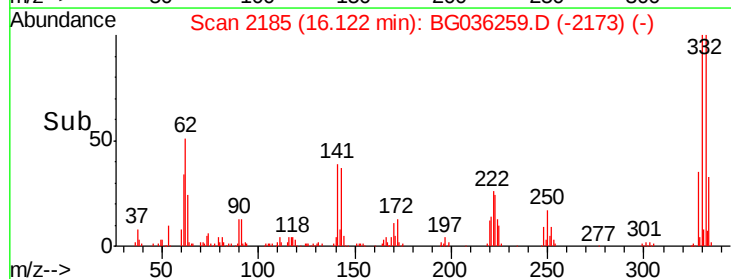
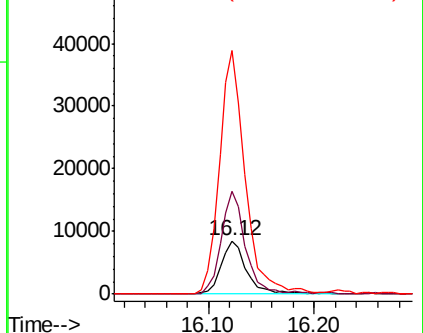
141 458.6 50.8 76.2#



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: 21.64 min Scan# 3124

Delta R.T. -0.02 min

Lab File: BG036259.D

Acq: 10 Aug 2018 8:39

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E7-F7-E7A-F7A

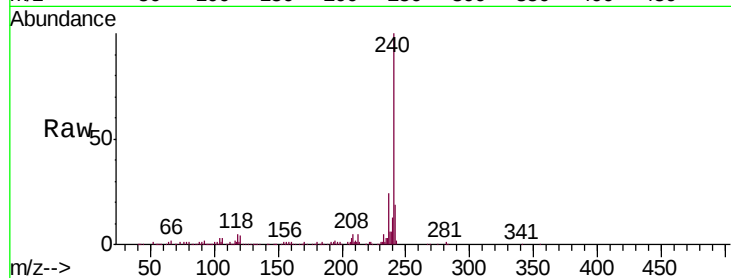
Tgt Ion:240 Resp: 198588

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

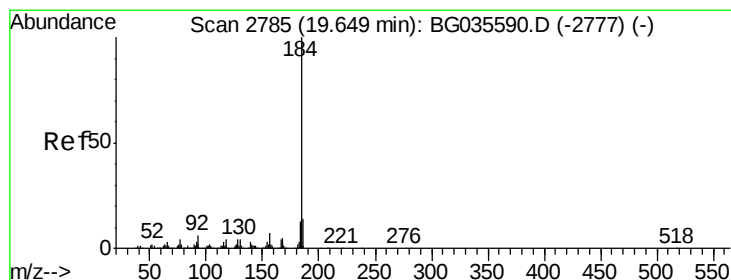
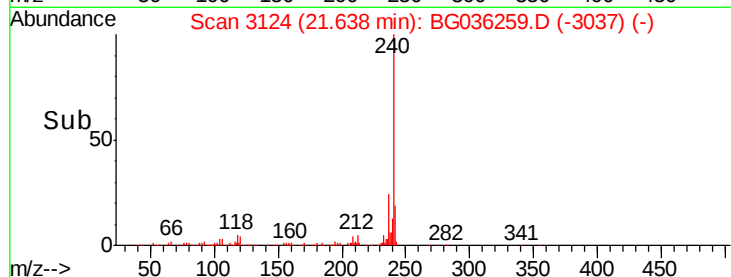
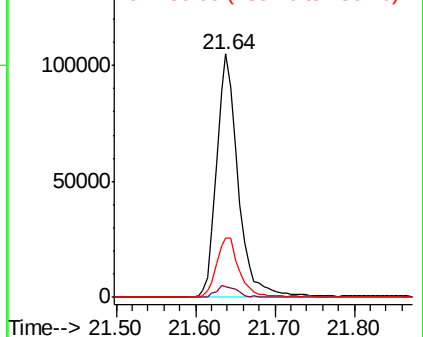
236 24.4 20.9 31.3



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: 3.539 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036259.D

Acq: 10 Aug 2018 8:39

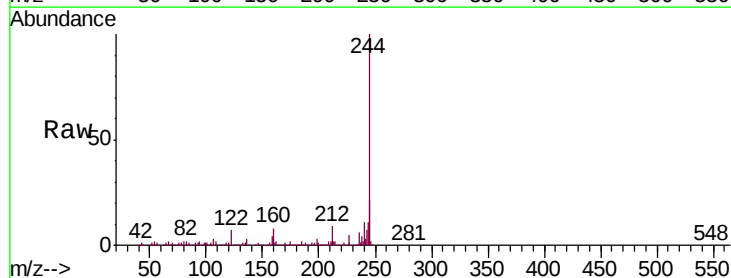
Tgt Ion:184 Resp: 18475

Ion Ratio Lower Upper

184 100

185 16.1 11.1 16.7

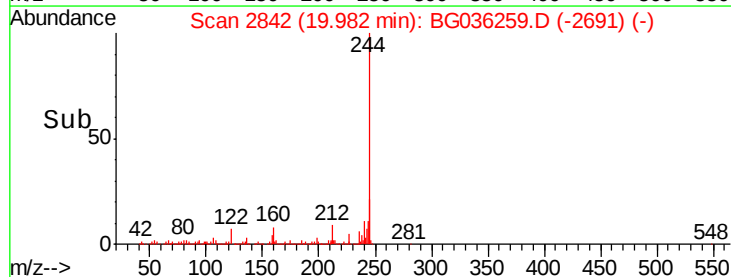
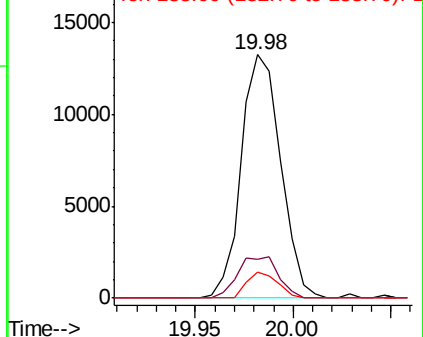
183 10.6 10.6 16.0#

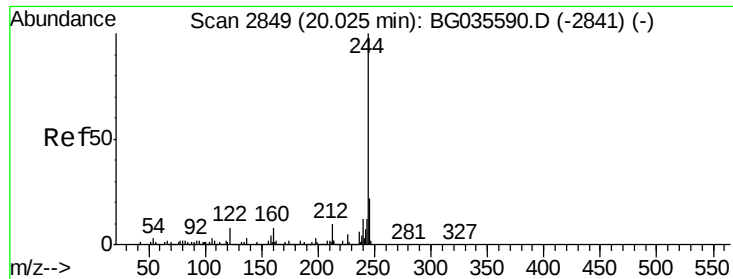


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 113.157 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036259.D

Acq: 10 Aug 2018 8:39

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E7-F7-E7A-F7A

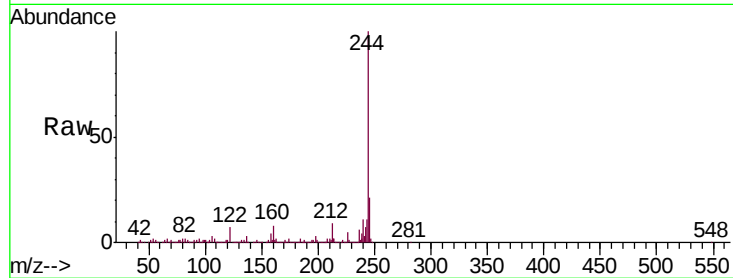
Tgt Ion:244 Resp: 1019442

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

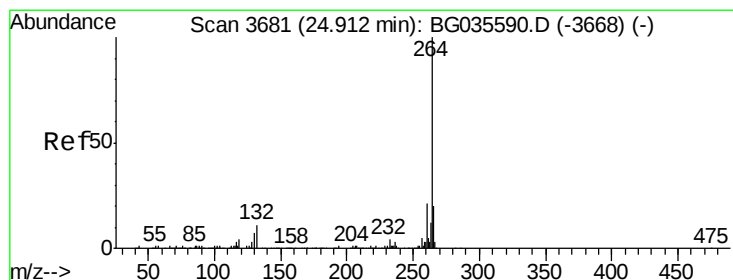
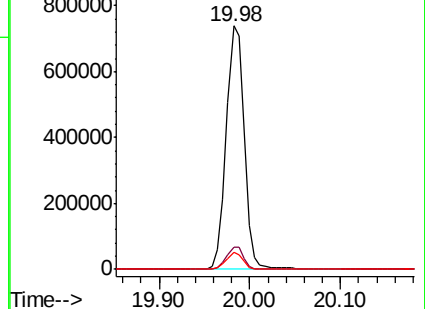
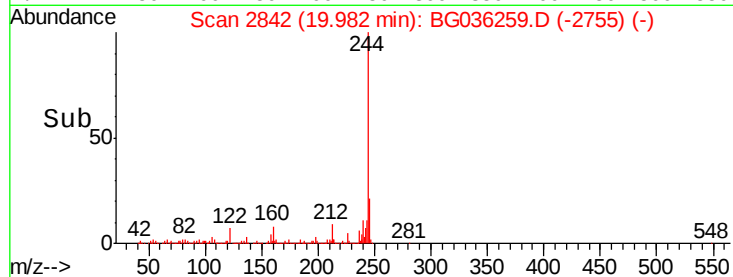
122 7.0 7.0 10.4



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: 24.83 min Scan# 3667

Delta R.T. -0.03 min

Lab File: BG036259.D

Acq: 10 Aug 2018 8:39

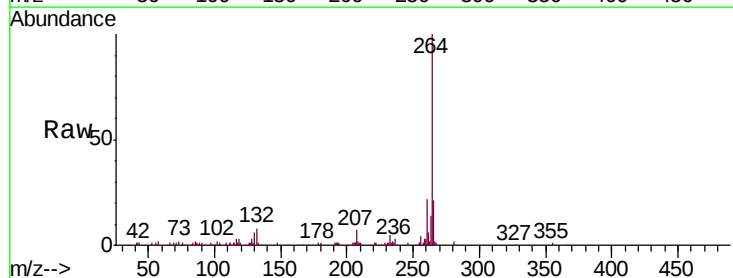
Tgt Ion:264 Resp: 183713

Ion Ratio Lower Upper

264 100

260 21.8 17.4 26.0

265 21.0 17.7 26.5



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

