

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080918\
 Data File : BG036260.D
 Acq On : 10 Aug 2018 9:18
 Operator : JU/SJ
 Sample : J4396-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E8-F8-E8A-F8A

Quant Time: Aug 10 12:05:35 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

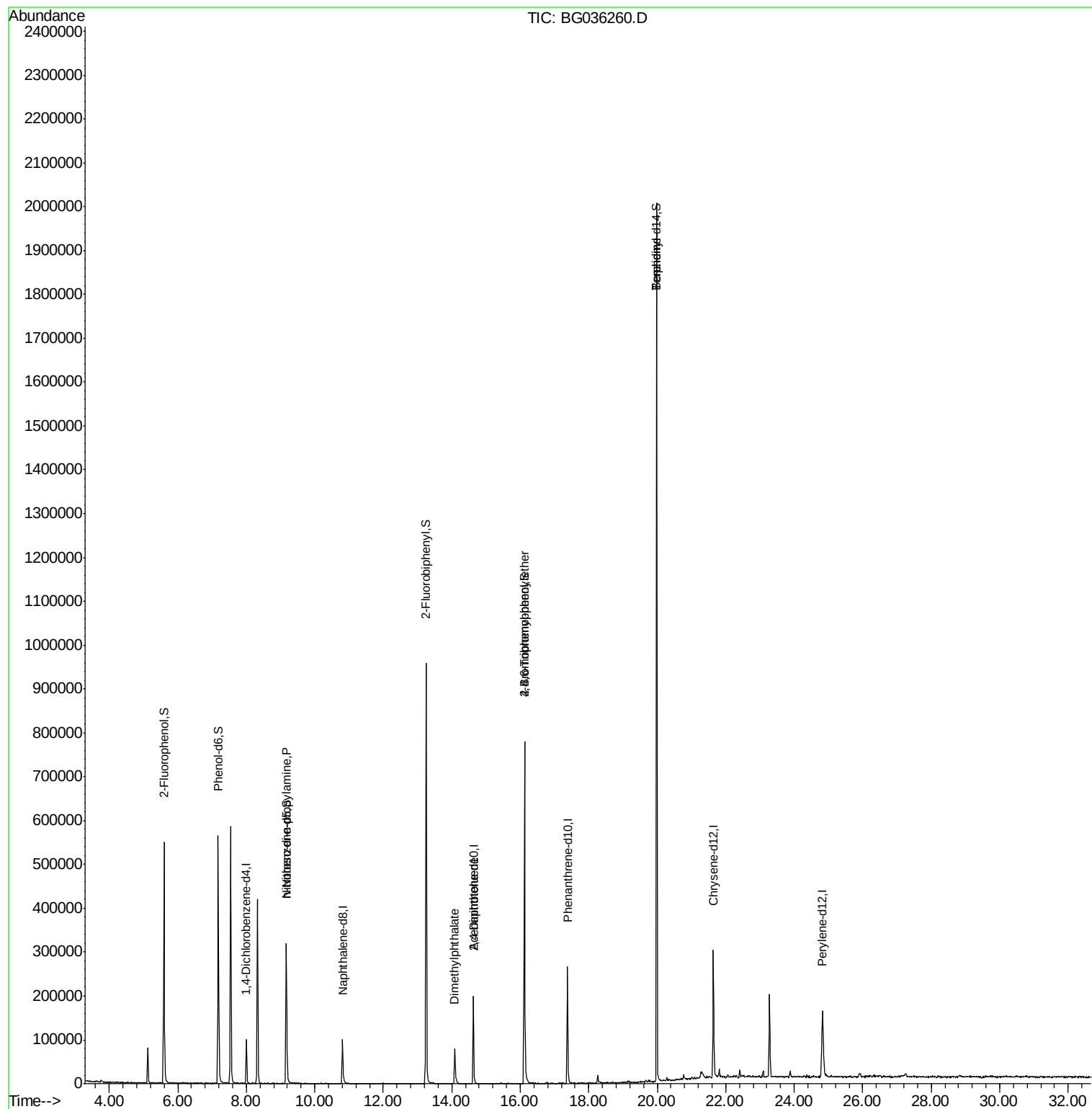
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26779	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	100343	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	71995	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	191414	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	204086	20.00	ng	-0.02
86) Perylene-d12	24.83	264	192254	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	244112	151.34	ng	0.00
7) Phenol-d6	7.18	99	357884	148.71	ng	-0.01
23) Nitrobenzene-d5	9.17	82	233711	97.30	ng	-0.02
41) 2,4,6-Tribromophenol	16.12	330	163217	172.00	ng	-0.02
44) 2-Fluorobiphenyl	13.25	172	527671	98.19	ng	-0.02
78) Terphenyl-d14	19.98	244	928877	100.33	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	32844	16.207	ng	# 68
49) Dimethylphthalate	14.09	163	74348	11.787	ng	# 97
56) 2,4-Dinitrotoluene	14.63	165	9776	5.305	ng	# 20
66) 4-Bromophenyl-phenylether	16.12	248	13268	5.975	ng	# 1
76) Benzidine	19.98	184	16612	3.096	ng	# 88

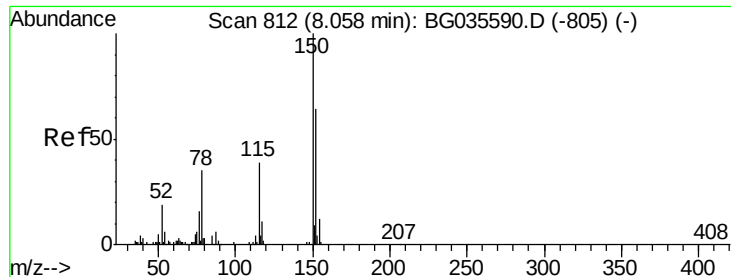
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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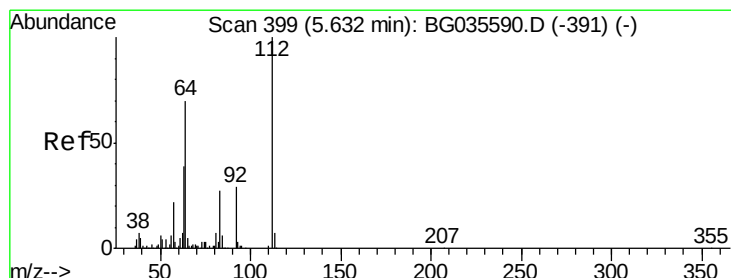
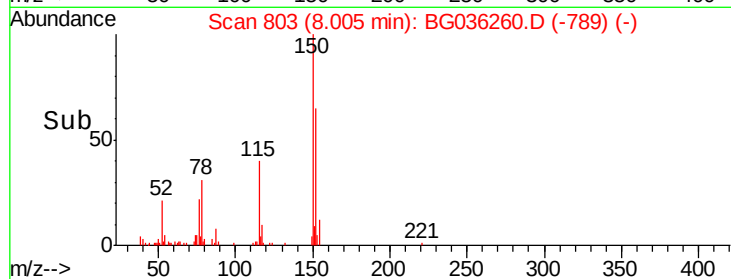
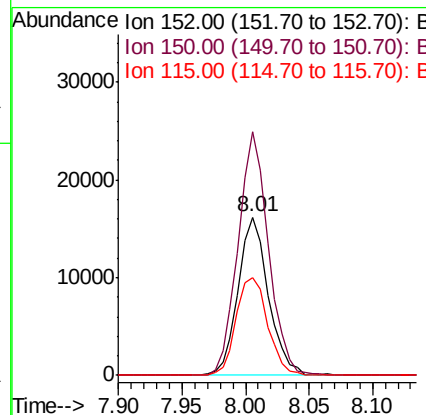
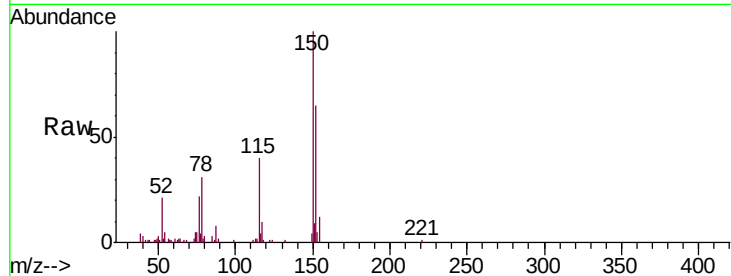


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.01 min Scan# 803
 Delta R.T. -0.02 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E8-F8-E8A-F8A

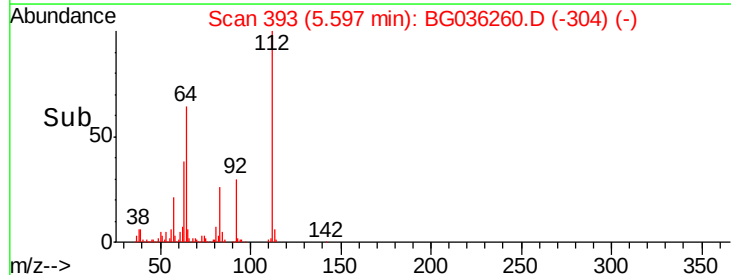
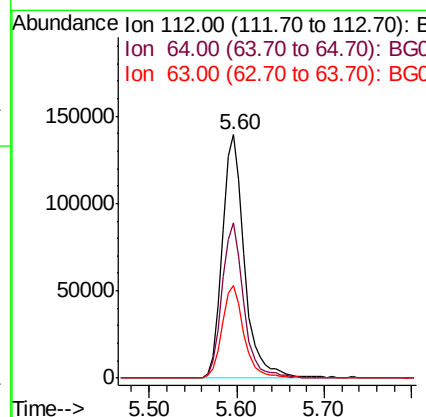
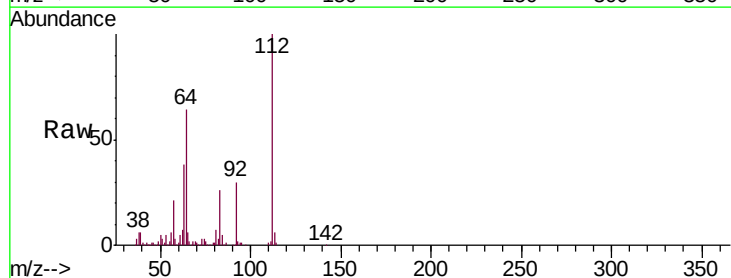
Tgt Ion:152 Resp: 26779
 Ion Ratio Lower Upper
 152 100
 150 153.8 126.6 189.8
 115 61.3 53.0 79.4

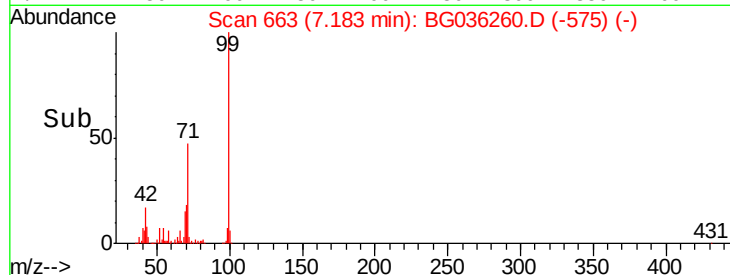
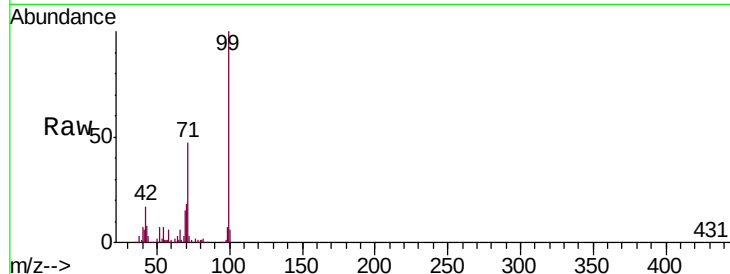
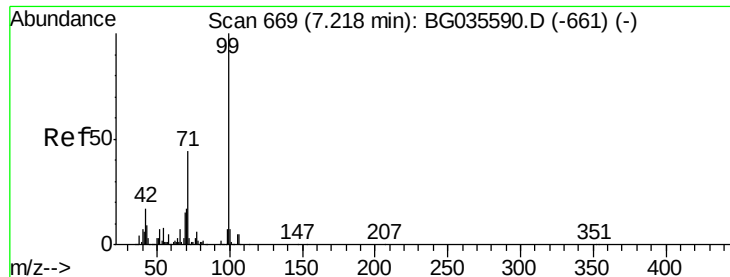


#5

2-Fluorophenol
 Concen: 151.344 ng
 RT: 5.60 min Scan# 393
 Delta R.T. -0.01 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

Tgt Ion:112 Resp: 244112
 Ion Ratio Lower Upper
 112 100
 64 63.9 56.3 84.5
 63 37.8 30.1 45.1





#7

Phenol-d6

Concen: 148.714 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036260.D

Acq: 10 Aug 2018 9:18

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E8-F8-E8A-F8A

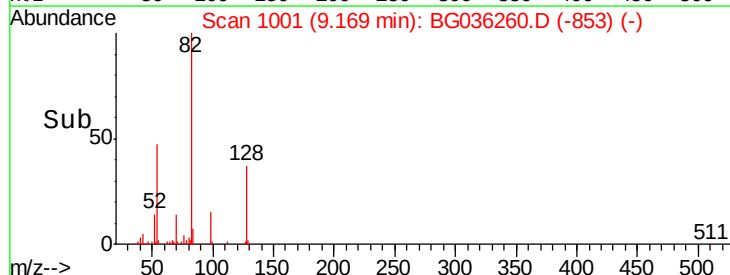
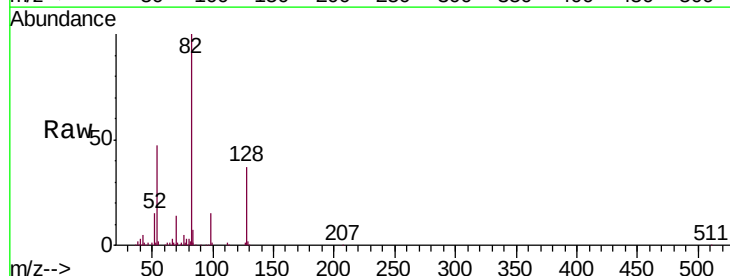
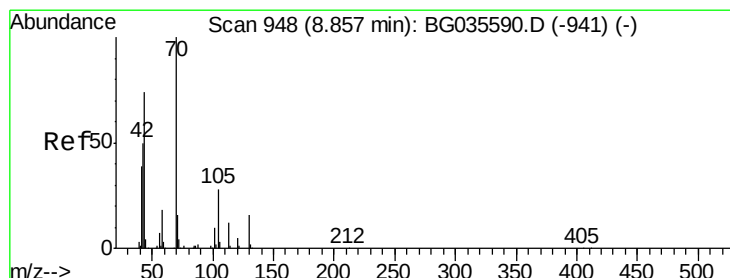
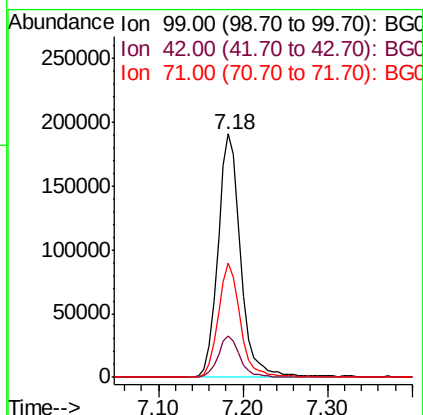
Tgt Ion: 99 Resp: 357884

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 47.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 16.207 ng

RT: 9.17 min Scan# 1001

Delta R.T. 0.34 min

Lab File: BG036260.D

Acq: 10 Aug 2018 9:18

Tgt Ion: 70 Resp: 32844

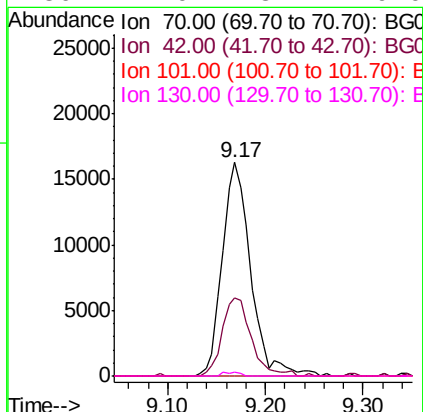
Ion Ratio Lower Upper

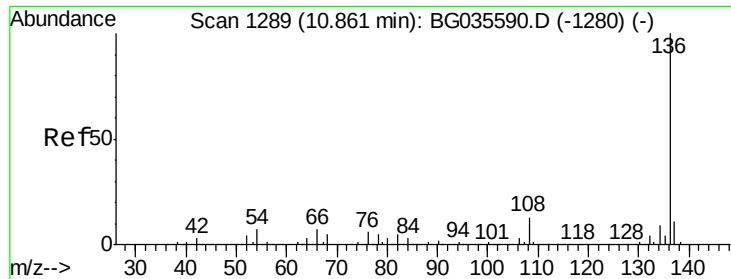
70 100

42 36.9 49.1 73.7#

101 0.0 8.5 12.7#

130 2.0 13.4 20.0#

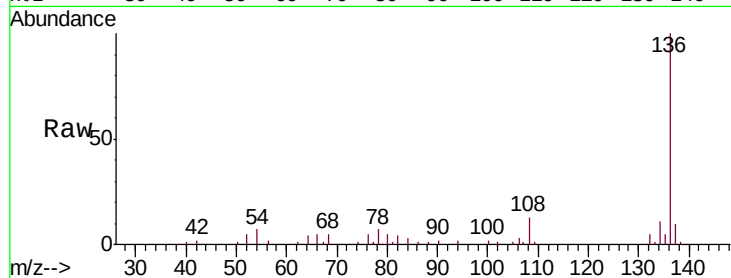




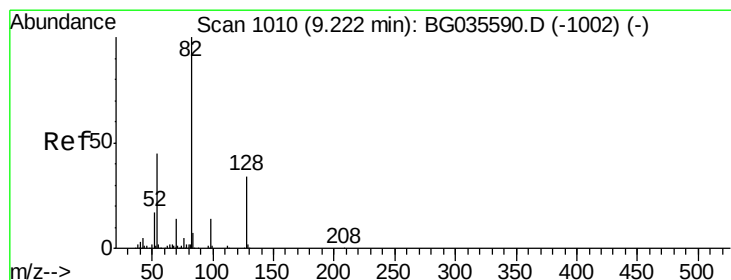
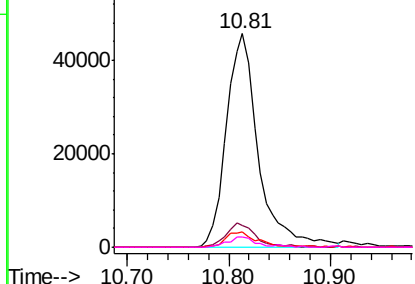
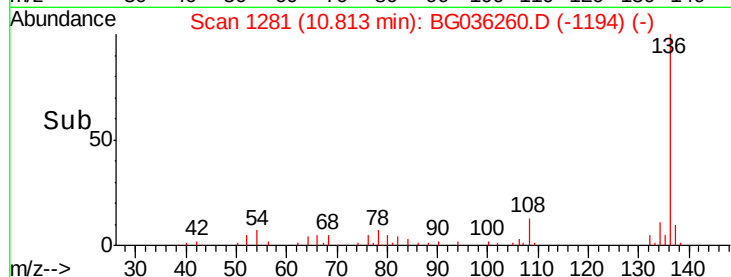
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1281
Delta R.T. -0.02 min
Lab File: BG036260.D
Acq: 10 Aug 2018 9:18

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion:	136	Resp:	100343
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.2	13.8
54	7.4	10.3	15.5#
68	4.8	4.5	6.7

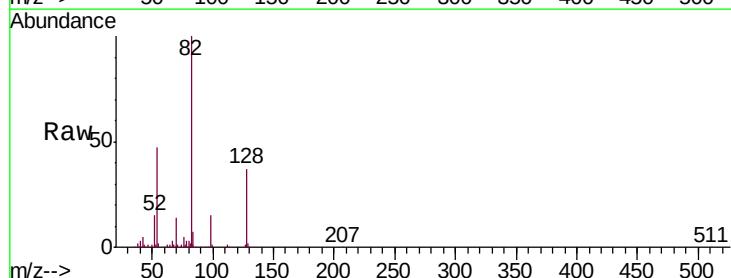


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

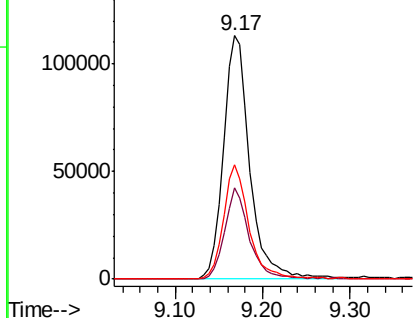
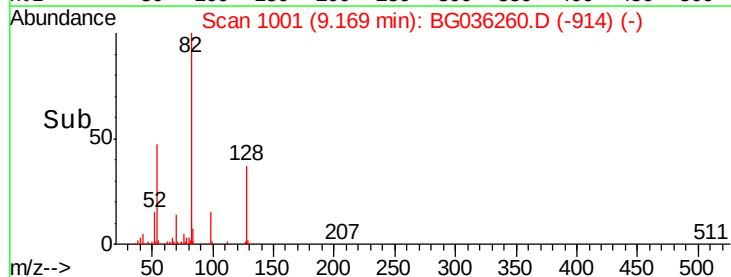


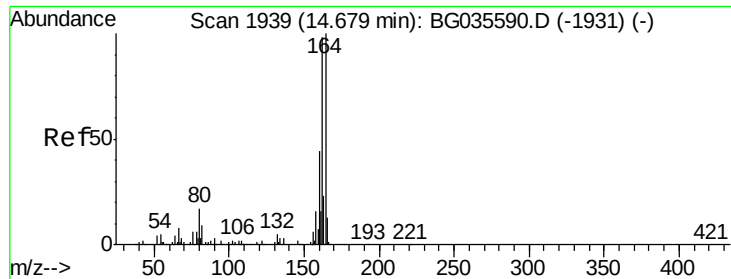
#23
Nitrobenzene-d5
Concen: 97.298 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BG036260.D
Acq: 10 Aug 2018 9:18

Tgt Ion:	82	Resp:	233711
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.7	44.5
54	47.0	43.1	64.7



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.02 min

Lab File: BG036260.D

Acq: 10 Aug 2018 9:18

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E8-F8-E8A-F8A

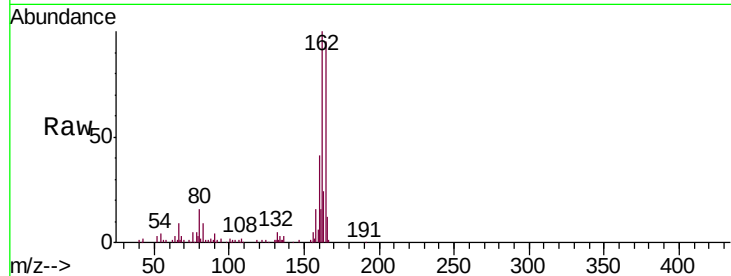
Tgt Ion:164 Resp: 71995

Ion Ratio Lower Upper

164 100

162 105.5 78.8 118.2

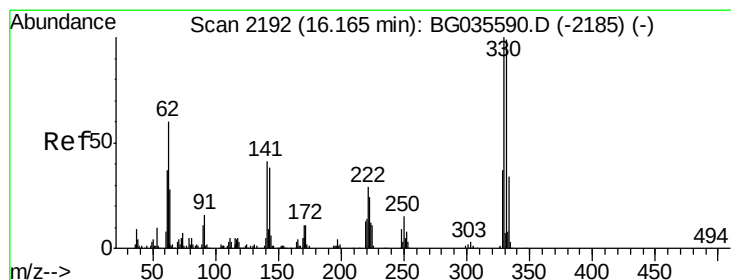
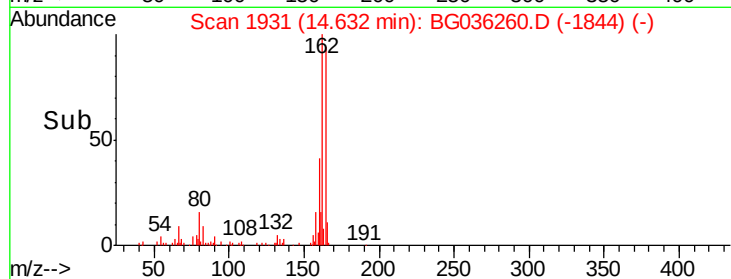
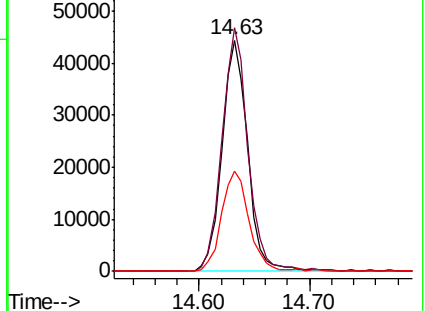
160 43.3 35.4 53.0



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: 171.999 ng

RT: 16.12 min Scan# 2185

Delta R.T. -0.02 min

Lab File: BG036260.D

Acq: 10 Aug 2018 9:18

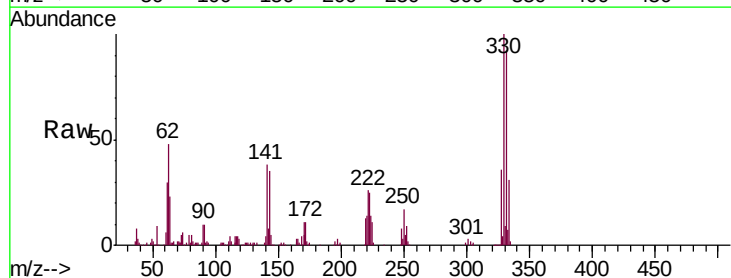
Tgt Ion:330 Resp: 163217

Ion Ratio Lower Upper

330 100

332 94.7 77.0 115.6

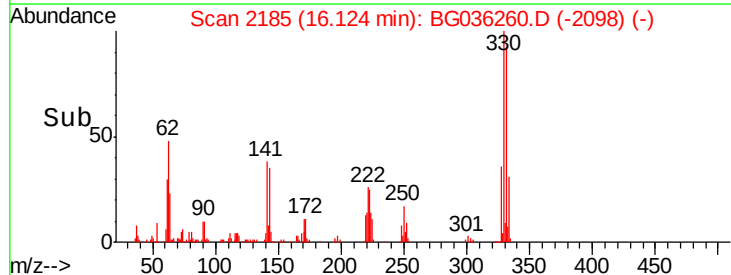
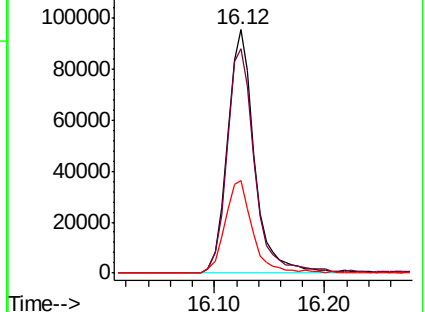
141 39.1 25.2 37.8#

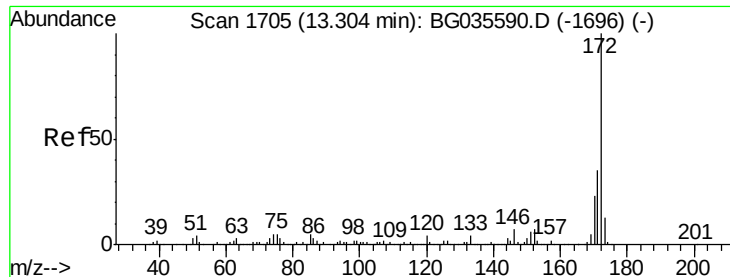


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

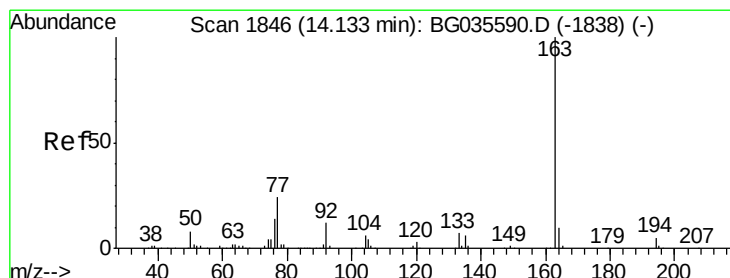
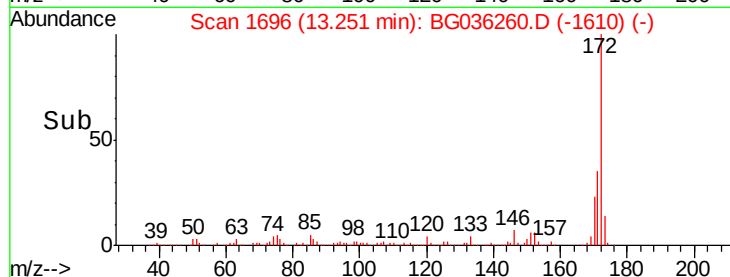
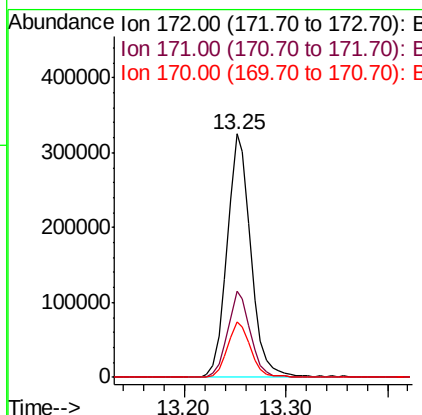
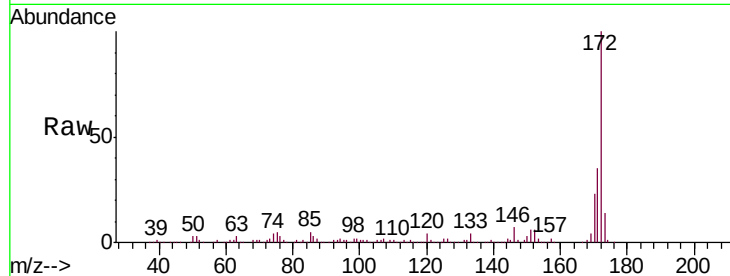




#44
 2-Fluorobiphenyl
 Concen: 98.193 ng
 RT: 13.25 min Scan# 1696
 Delta R.T. -0.02 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

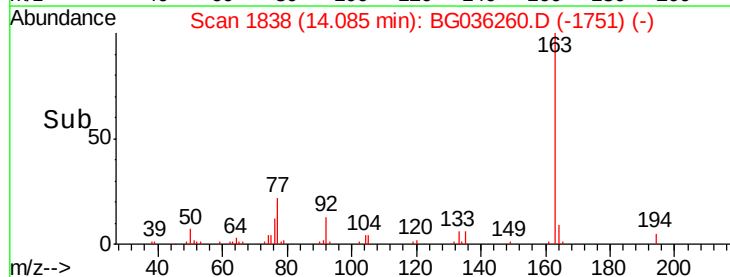
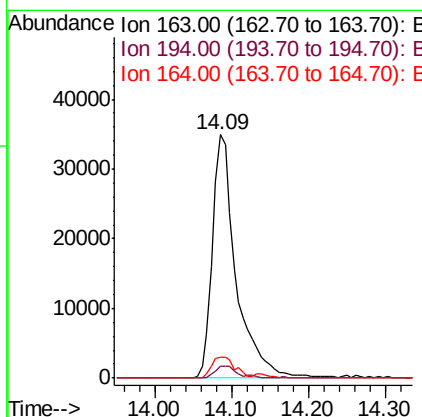
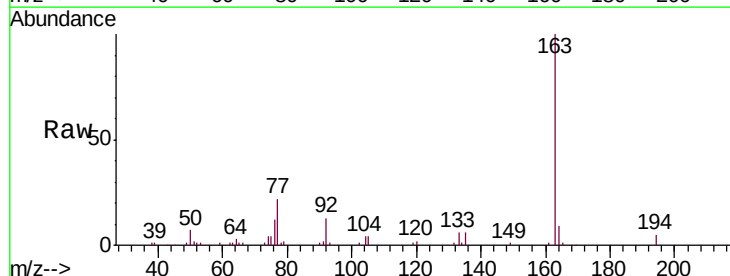
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 FK-BPM-01-E8-F8-E8A-F8A

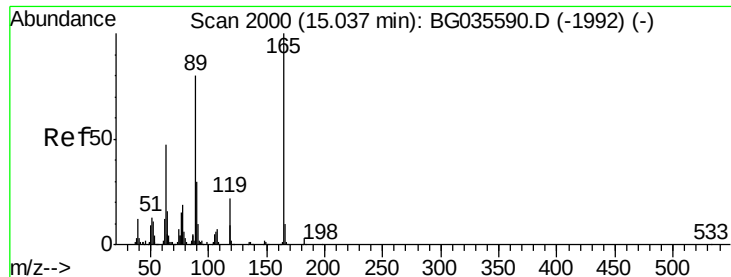
Tgt Ion:172 Resp: 527671
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.0 45.0
 170 22.6 19.5 29.3



#49
 Dimethylphthalate
 Concen: 11.787 ng
 RT: 14.09 min Scan# 1838
 Delta R.T. -0.02 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

Tgt Ion:163 Resp: 74348
 Ion Ratio Lower Upper
 163 100
 194 5.1 3.4 5.2
 164 8.8 8.2 12.4

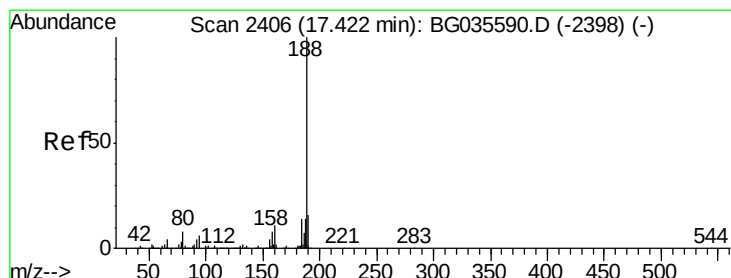
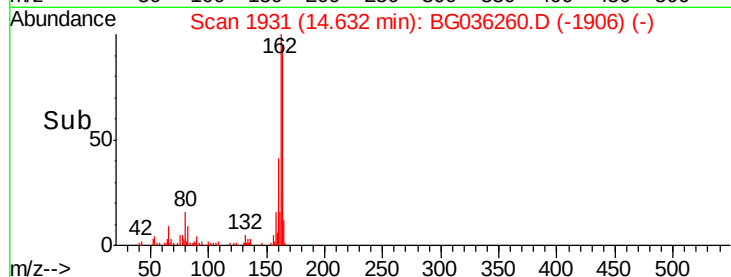
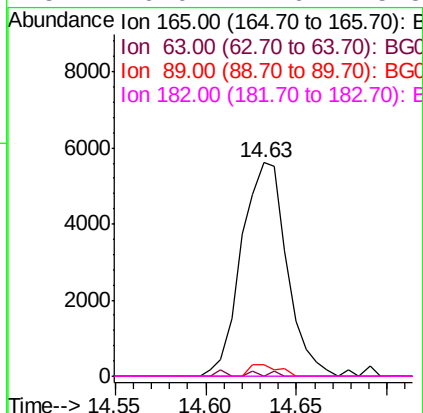
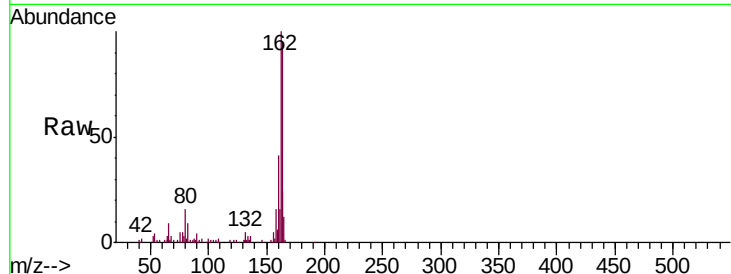




#56
 2,4-Dinitrotoluene
 Concen: 5.305 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.38 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

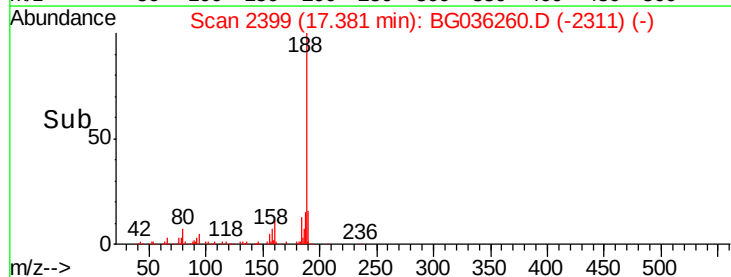
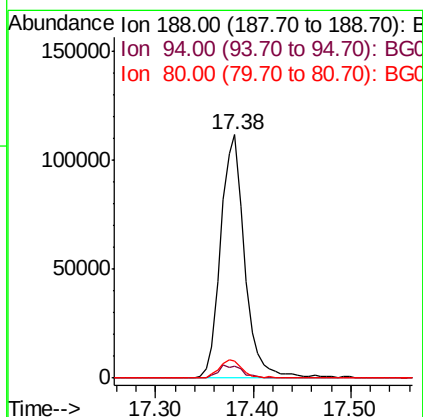
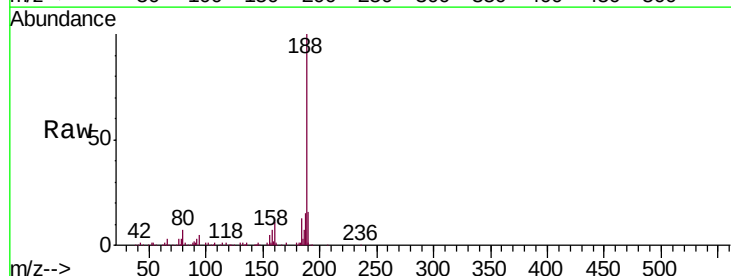
Instrument :
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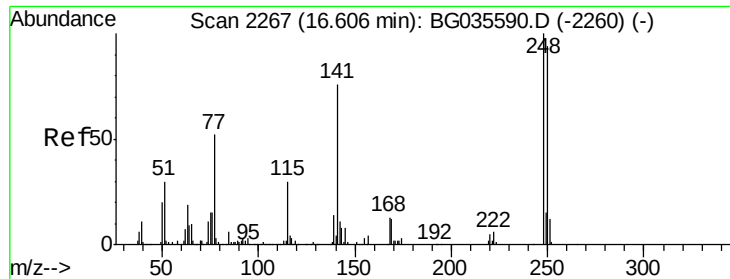
Tgt Ion:165 Resp: 9776
 Ion Ratio Lower Upper
 165 100
 63 0.0 42.0 63.0#
 89 5.3 66.9 100.3#
 182 0.0 2.6 3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.38 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

Tgt Ion:188 Resp: 191414
 Ion Ratio Lower Upper
 188 100
 94 4.9 6.9 10.3#
 80 6.8 7.7 11.5#

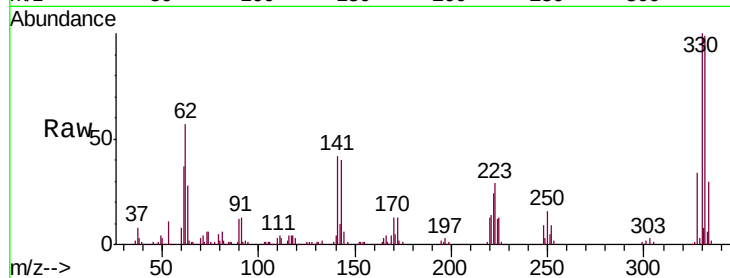




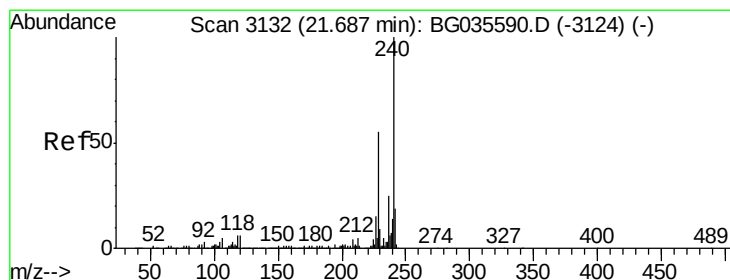
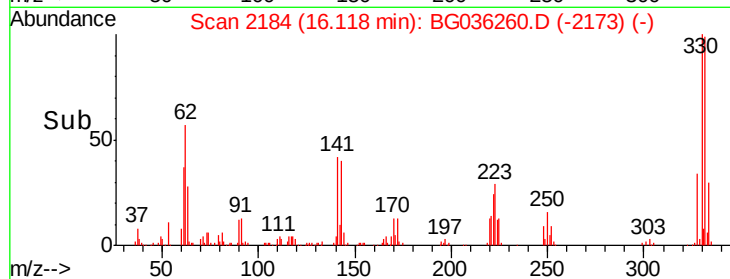
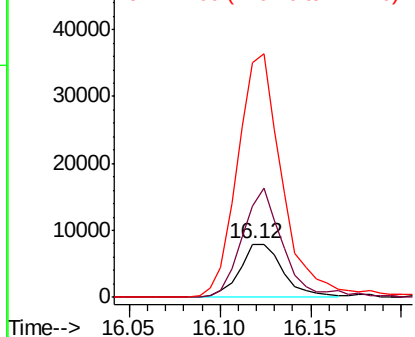
#66
 4-Bromophenyl-phenylether
 Concen: 5.975 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.47 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion:248 Resp: 13268
 Ion Ratio Lower Upper
 248 100
 250 171.5 77.1 115.7#
 141 441.0 50.8 76.2#

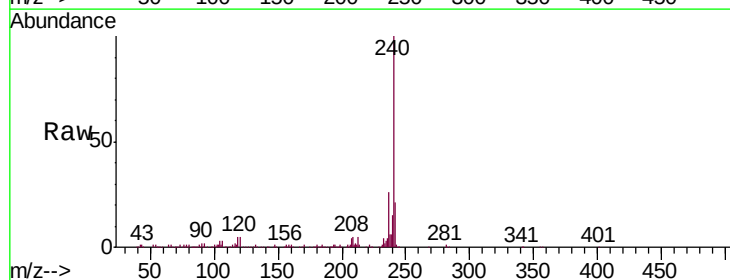


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

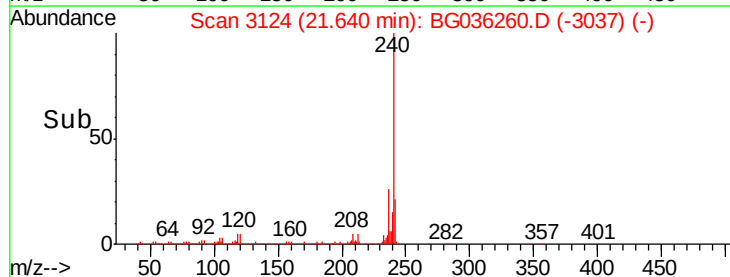
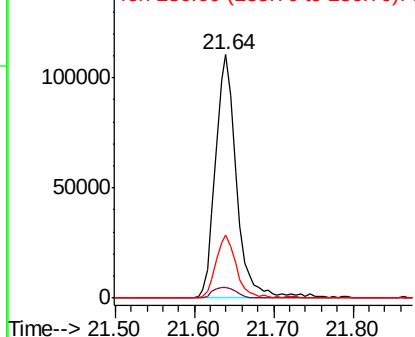


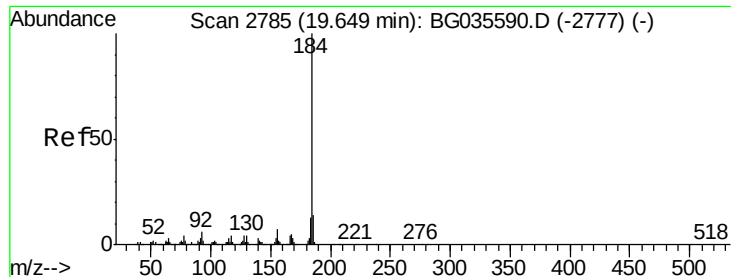
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.64 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

Tgt Ion:240 Resp: 204086
 Ion Ratio Lower Upper
 240 100
 120 4.6 6.8 10.2#
 236 26.0 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: 3.096 ng

RT: 19.98 min Scan# 2842

Delta R.T. 0.36 min

Lab File: BG036260.D

Acq: 10 Aug 2018 9:18

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-E8-F8-E8A-F8A

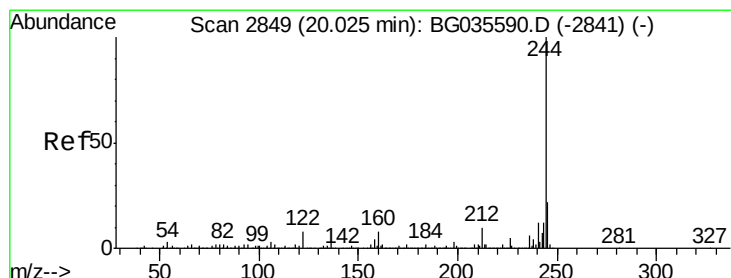
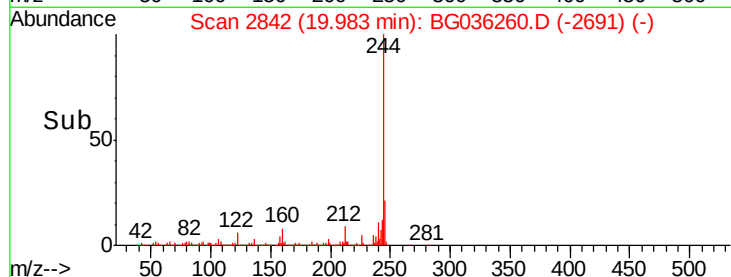
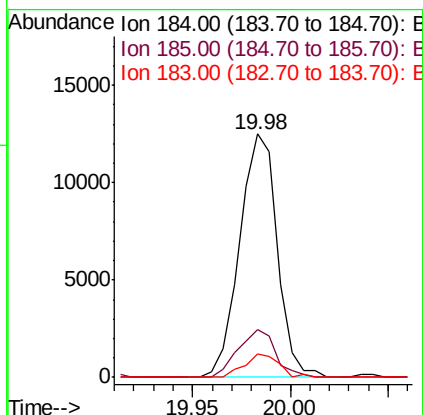
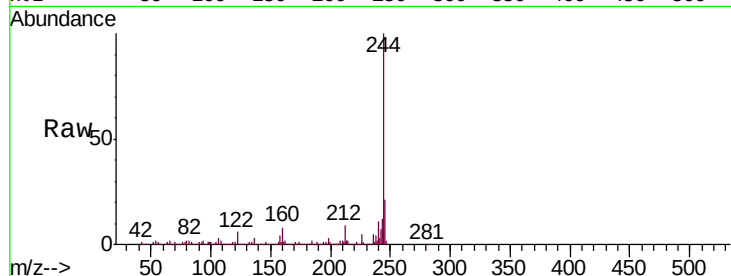
Tgt Ion:184 Resp: 16612

Ion Ratio Lower Upper

184 100

185 19.8 11.1 16.7#

183 9.5 10.6 16.0#



#78

Terphenyl-d14

Concen: 100.327 ng

RT: 19.98 min Scan# 2842

Delta R.T. -0.02 min

Lab File: BG036260.D

Acq: 10 Aug 2018 9:18

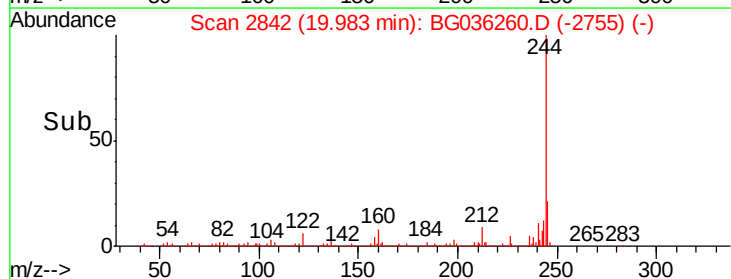
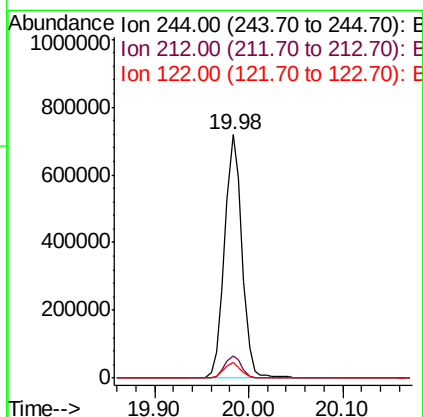
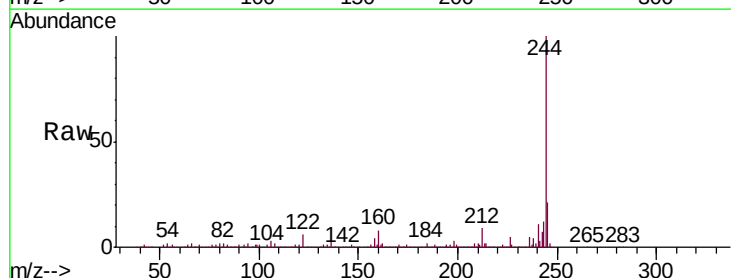
Tgt Ion:244 Resp: 928877

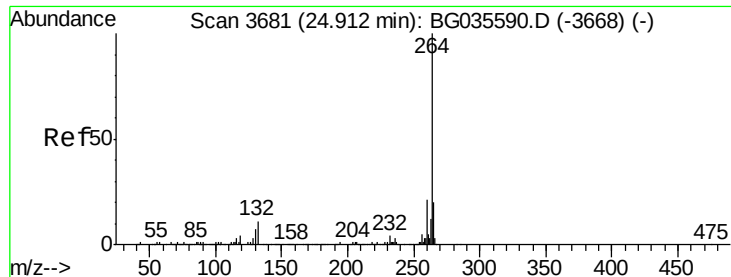
Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 6.5 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.83 min Scan# 3667
Delta R.T. -0.03 min
Lab File: BG036260.D
Acq: 10 Aug 2018 9:18

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-E8-F8-E8A-F8A

Tgt Ion:	264	Resp:	192254
Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.0	17.7	26.5

