

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 12:16:53 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

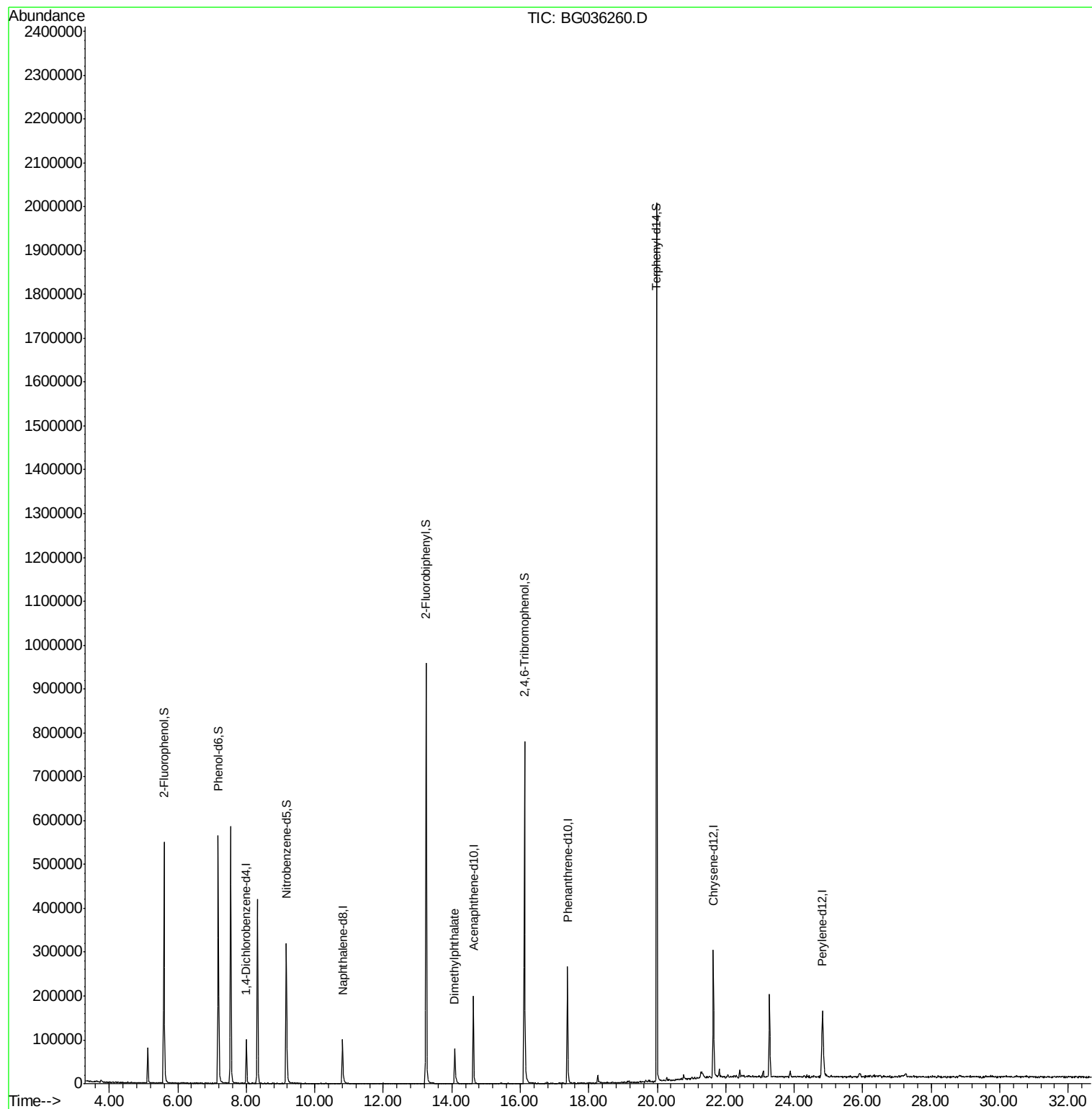
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26779	20.00	ng	-0.02
21) Naphthalene-d8	10.81	136	100343	20.00	ng	-0.02
38) Acenaphthene-d10	14.63	164	71995	20.00	ng	-0.02
63) Phenanthrene-d10	17.38	188	191414	20.00	ng	-0.01
75) Chrysene-d12	21.64	240	204086	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						
49) Dimethylphthalate	14.09	163	74348	11.787	ng	Qvalue 97

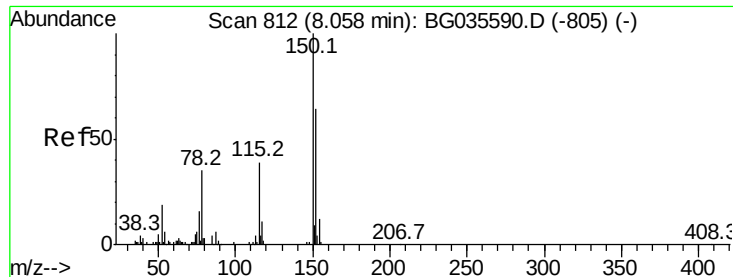
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration





#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

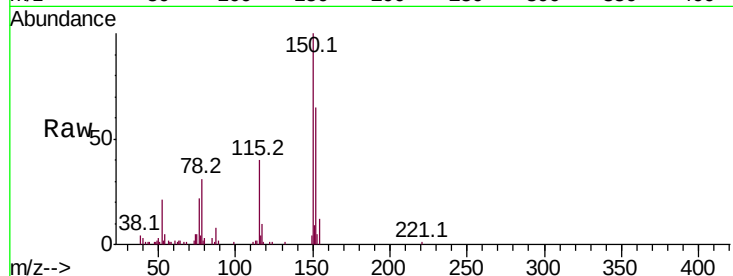
Tot Ion:152 Resp: 26779

Ion Ratio Lower Upper

152 100

150 153.8 126.6 189.8

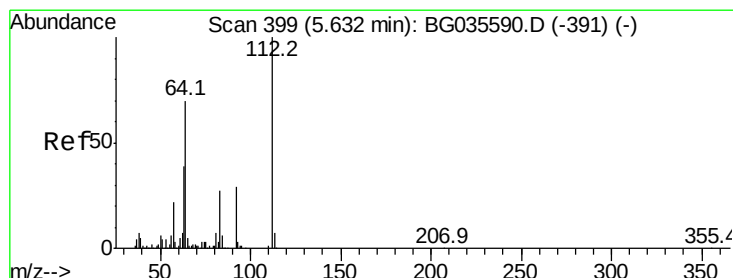
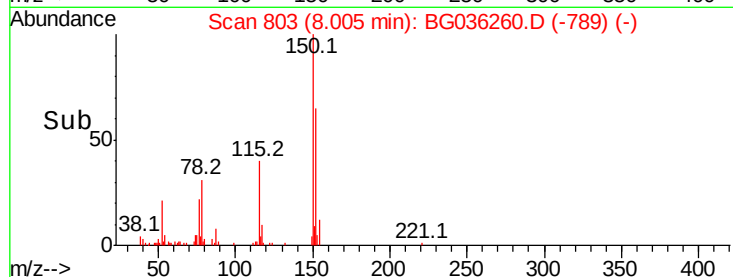
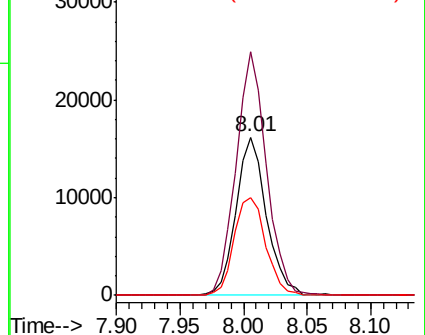
115 61.3 53.0 79.4



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: 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

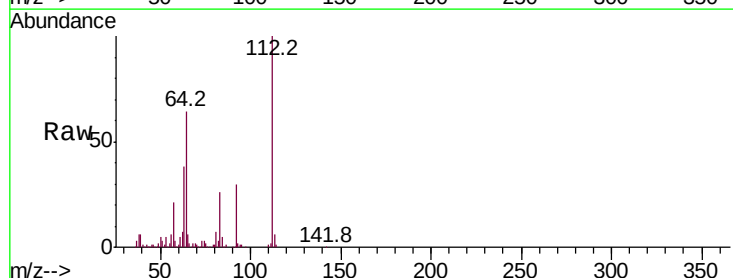
Tgt Ion:112 Resp: 244112

Ion Ratio Lower Upper

112 100

64 63.9 56.3 84.5

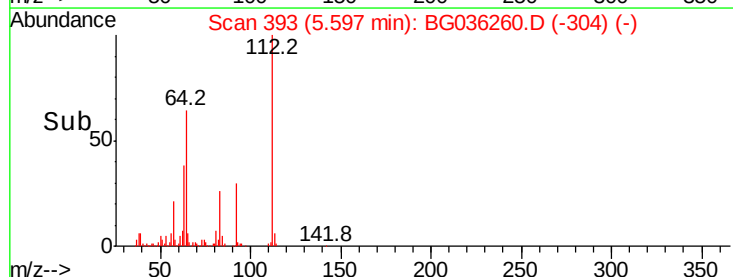
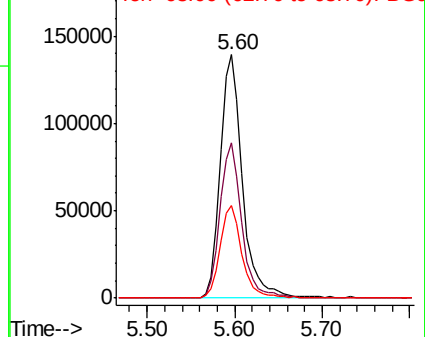
63 37.8 30.1 45.1

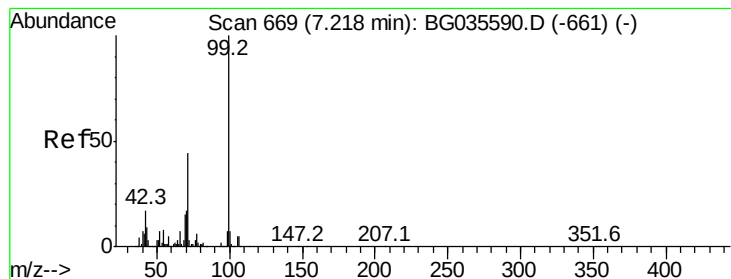


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#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

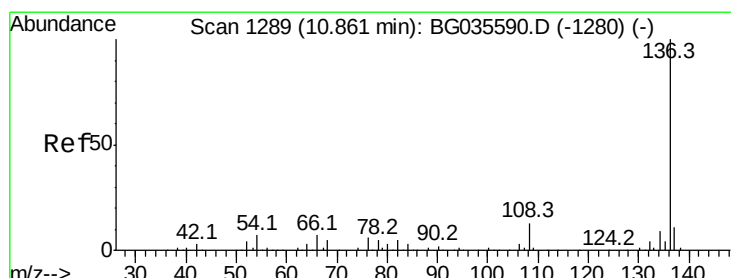
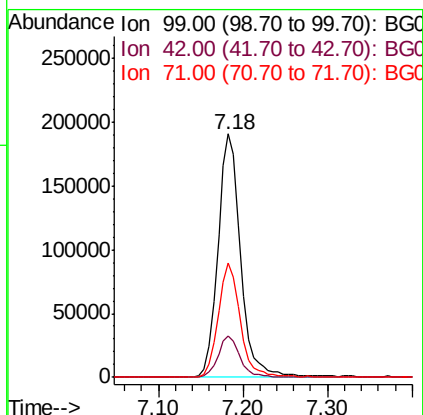
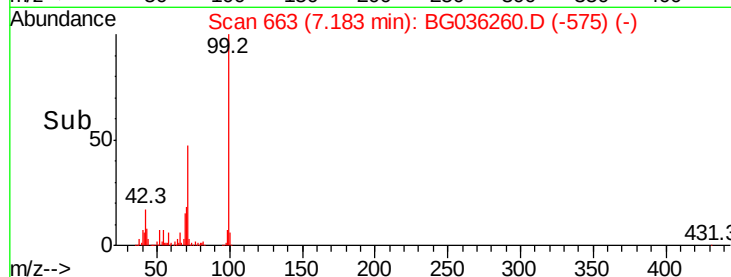
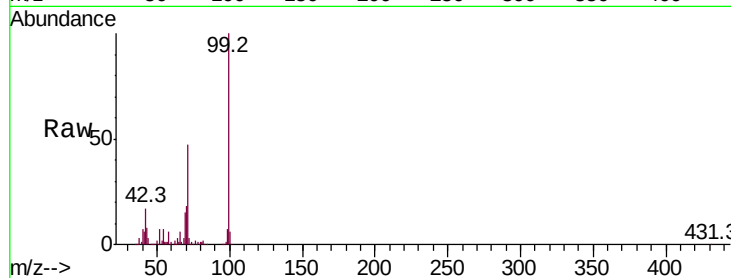
Tot Ion: 99 Resp: 357884

Ion Ratio Lower Upper

99 100

42 17.2 14.1 21.1

71 47.0 26.1 39.1#



#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

Tgt Ion: 136 Resp: 100343

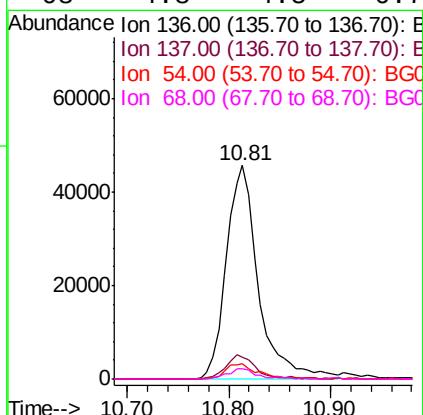
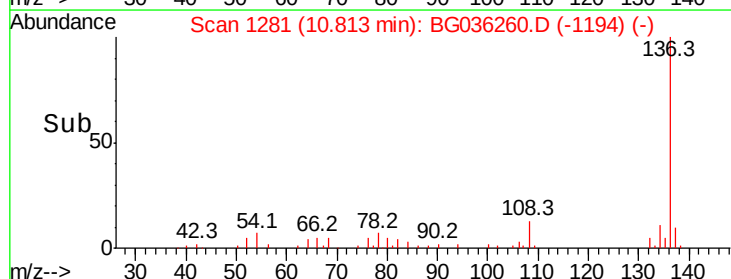
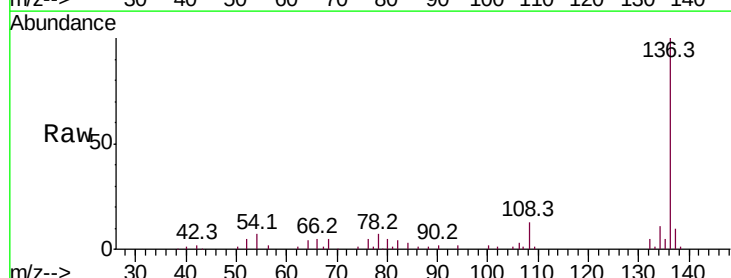
Ion Ratio Lower Upper

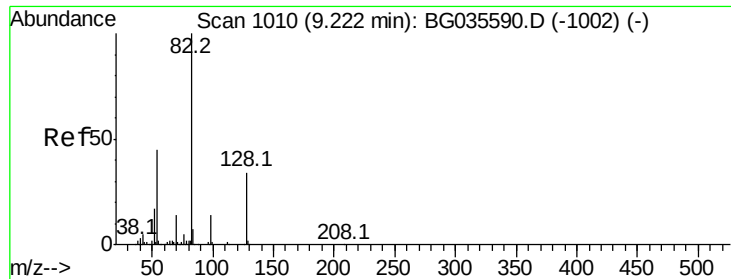
136 100

137 10.1 9.2 13.8

54 7.4 10.3 15.5#

68 4.8 4.5 6.7

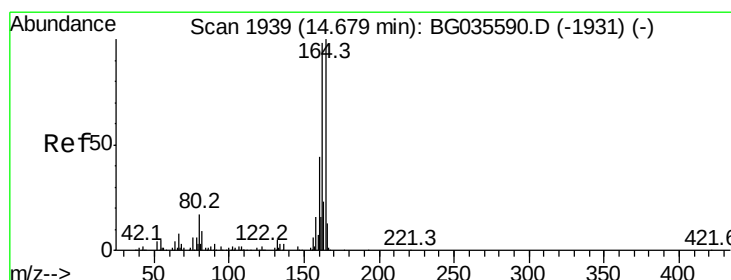
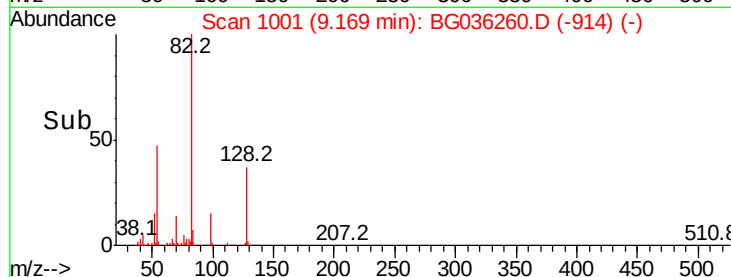
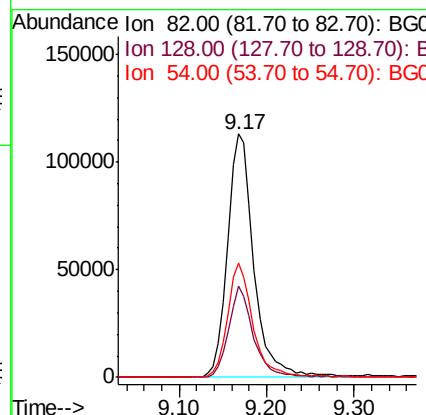
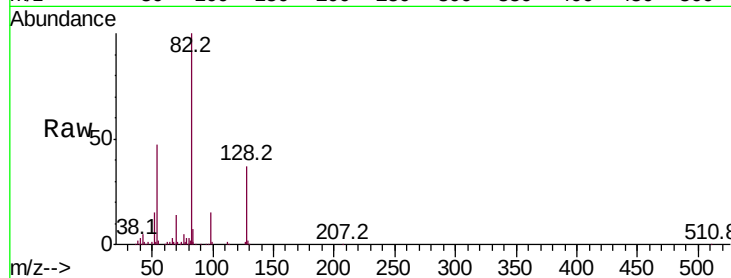




#23
 Nitrobenzene-d5
 Concen: 97.298 ng
 RT: 9.17 min Scan# 1001
 Delta R.T. -0.02 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

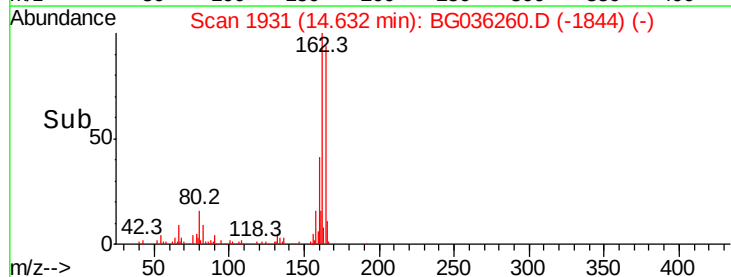
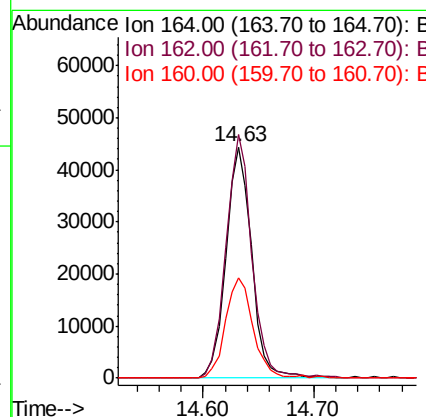
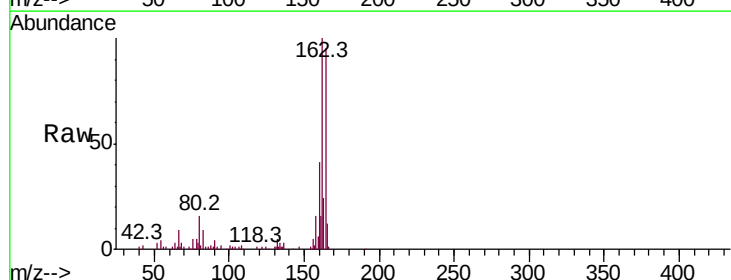
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E8-F8-E8A-F8A

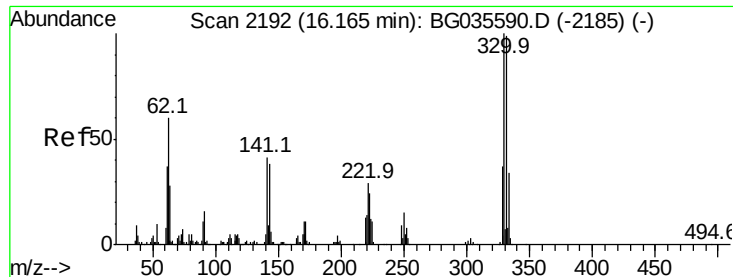
Tot Ion: 82 Resp: 233711
 Ion Ratio Lower Upper
 82 100
 128 37.3 29.7 44.5
 54 47.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.63 min Scan# 1931
 Delta R.T. -0.02 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

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

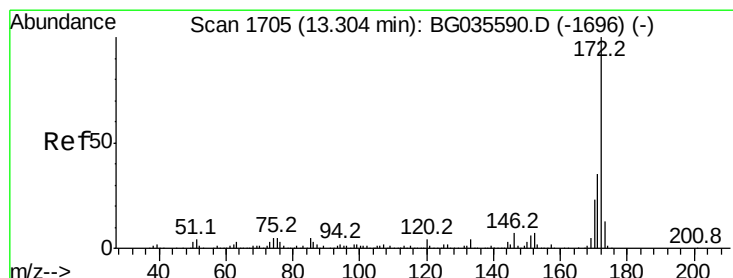
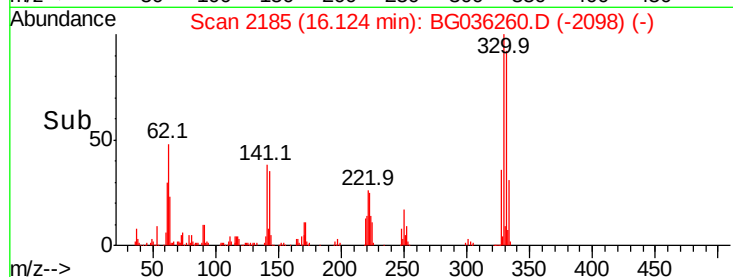
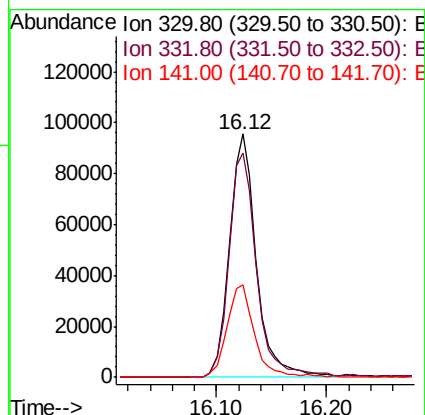
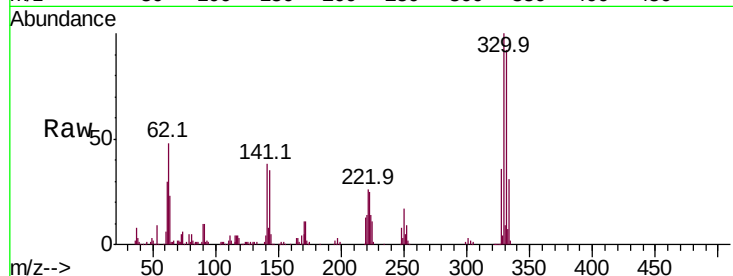




#41
 2,4,6-Tribromophenol
 Concen: 171.999 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BG036260.D
 Acq: 10 Aug 2018 9:18

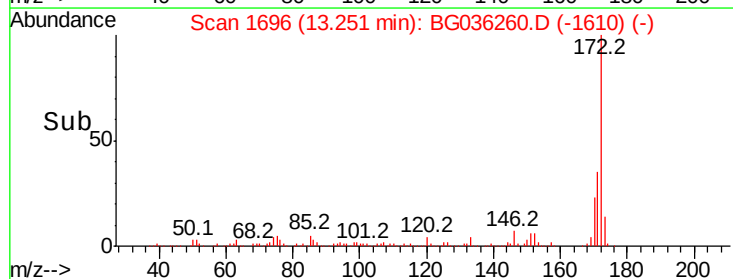
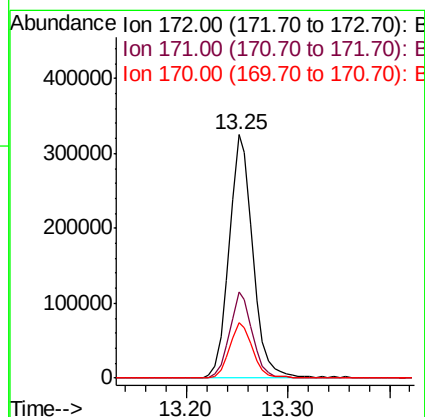
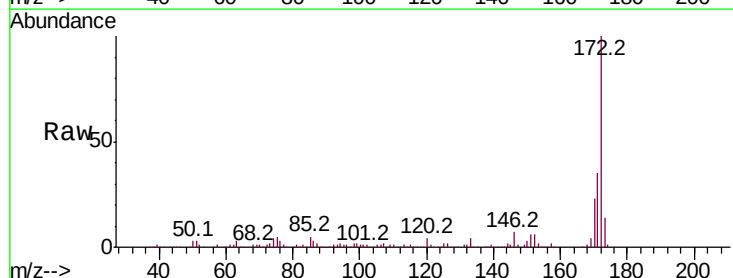
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-E8-F8-E8A-F8A

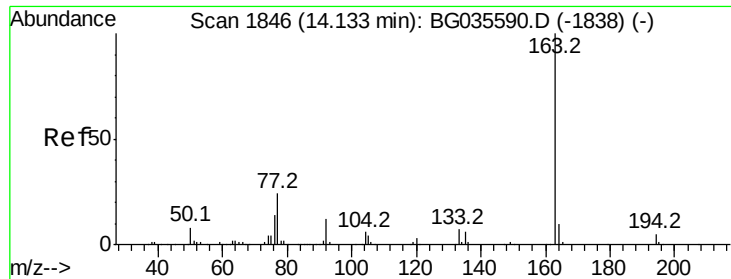
Tot Ion:330 Resp: 163217
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 39.1 25.2 37.8#



#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

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

Instrument :

BNA_G

ClientSampleId :

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

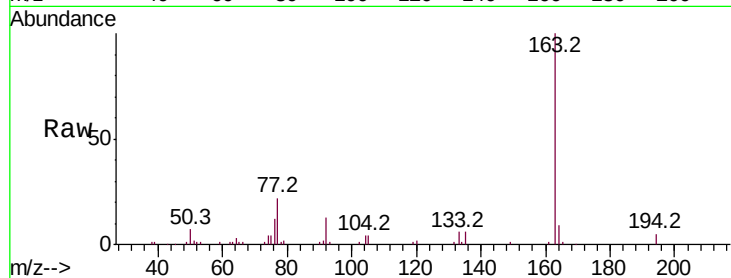
Tot Ion:163 Resp: 74348

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

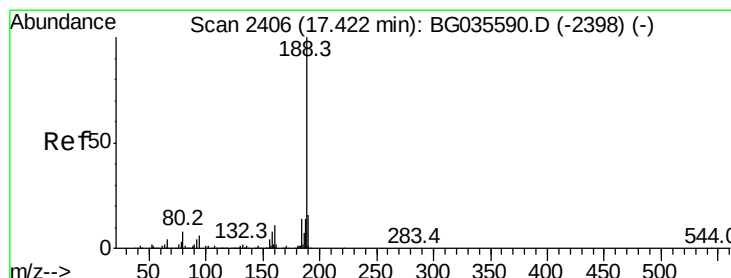
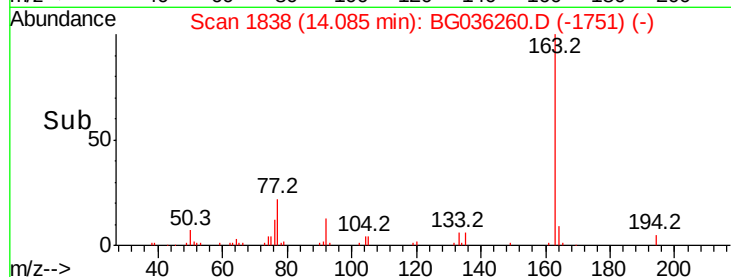
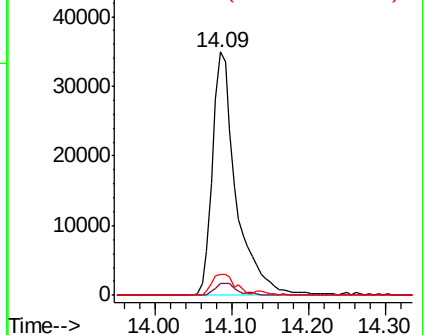
164 8.8 8.2 12.4



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



#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

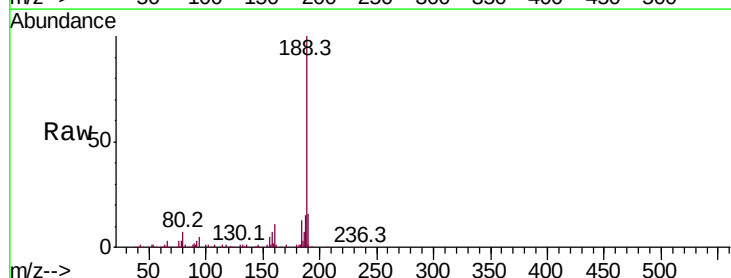
Tgt Ion:188 Resp: 191414

Ion Ratio Lower Upper

188 100

94 4.9 6.9 10.3#

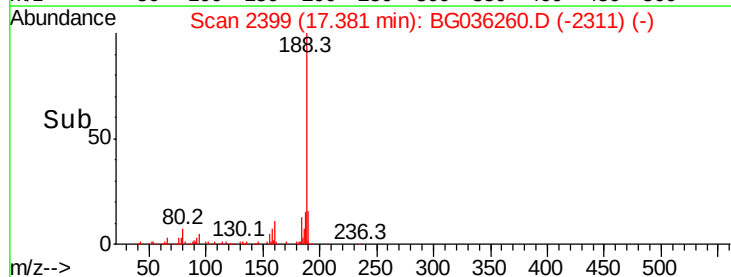
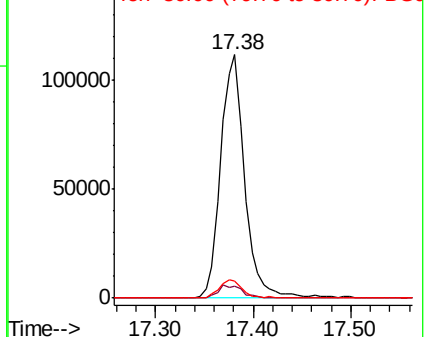
80 6.8 7.7 11.5#

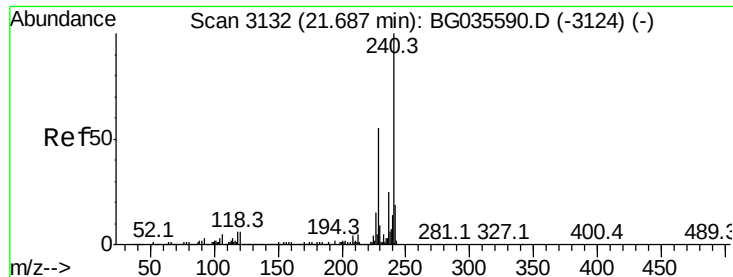


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#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

Instrument :

BNA_G

ClientSampleId :

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

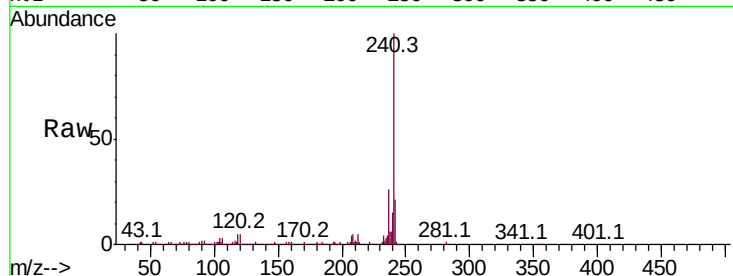
Tot Ion:240 Resp: 204086

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

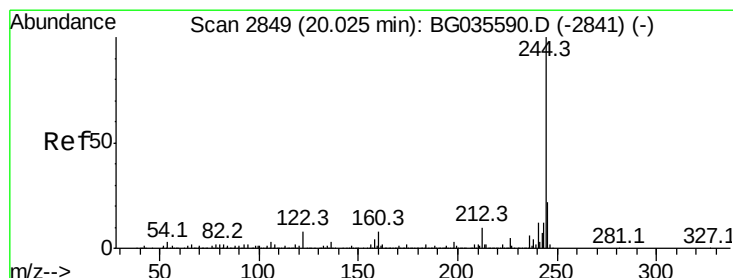
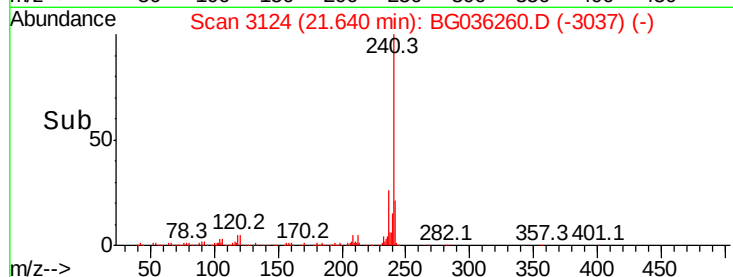
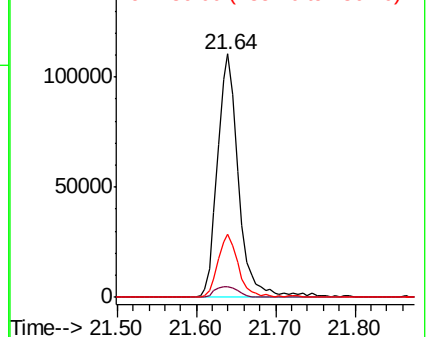
236 26.0 20.9 31.3



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



#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

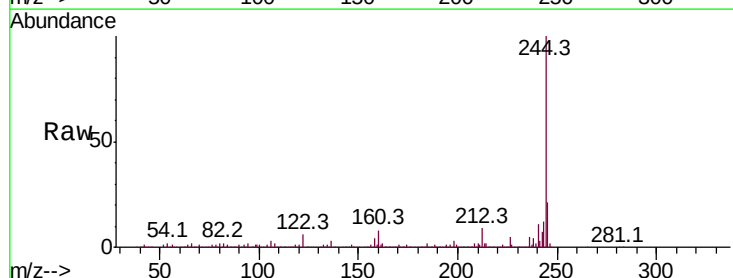
Tgt Ion:244 Resp: 928877

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

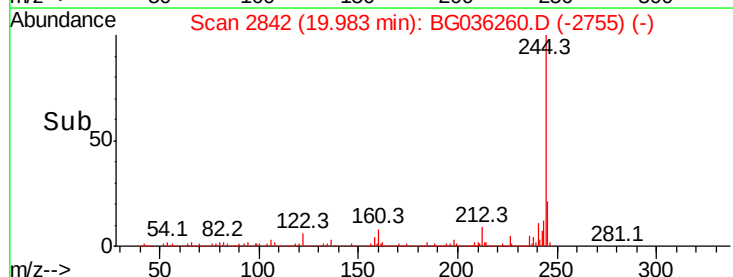
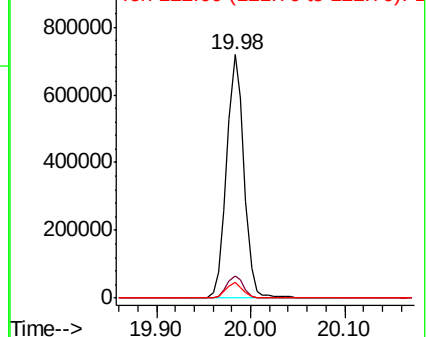
122 6.5 7.0 10.4#

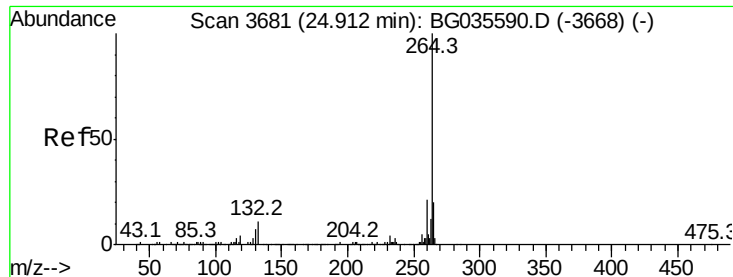


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.0	17.7	26.5

