

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072318\
 Data File : BG035828.D
 Acq On : 23 Jul 2018 15:19
 Operator : JU/SJ
 Sample : PB111350BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111350BL

Quant Time: Jul 23 17:53:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 15:28:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37873	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	138071	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	99038	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	282544	20.00	ng	0.00
75) Chrysene-d12	21.66	240	332844	20.00	ng	0.00
86) Perylene-d12	24.86	264	305788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	277938	121.84	ng	0.00
7) Phenol-d6	7.19	99	393866	115.72	ng	0.00
23) Nitrobenzene-d5	9.19	82	245325	74.23	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	158768	121.63	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	585325	79.18	ng	0.00
78) Terphenyl-d14	20.00	244	1223175	81.01	ng	0.00

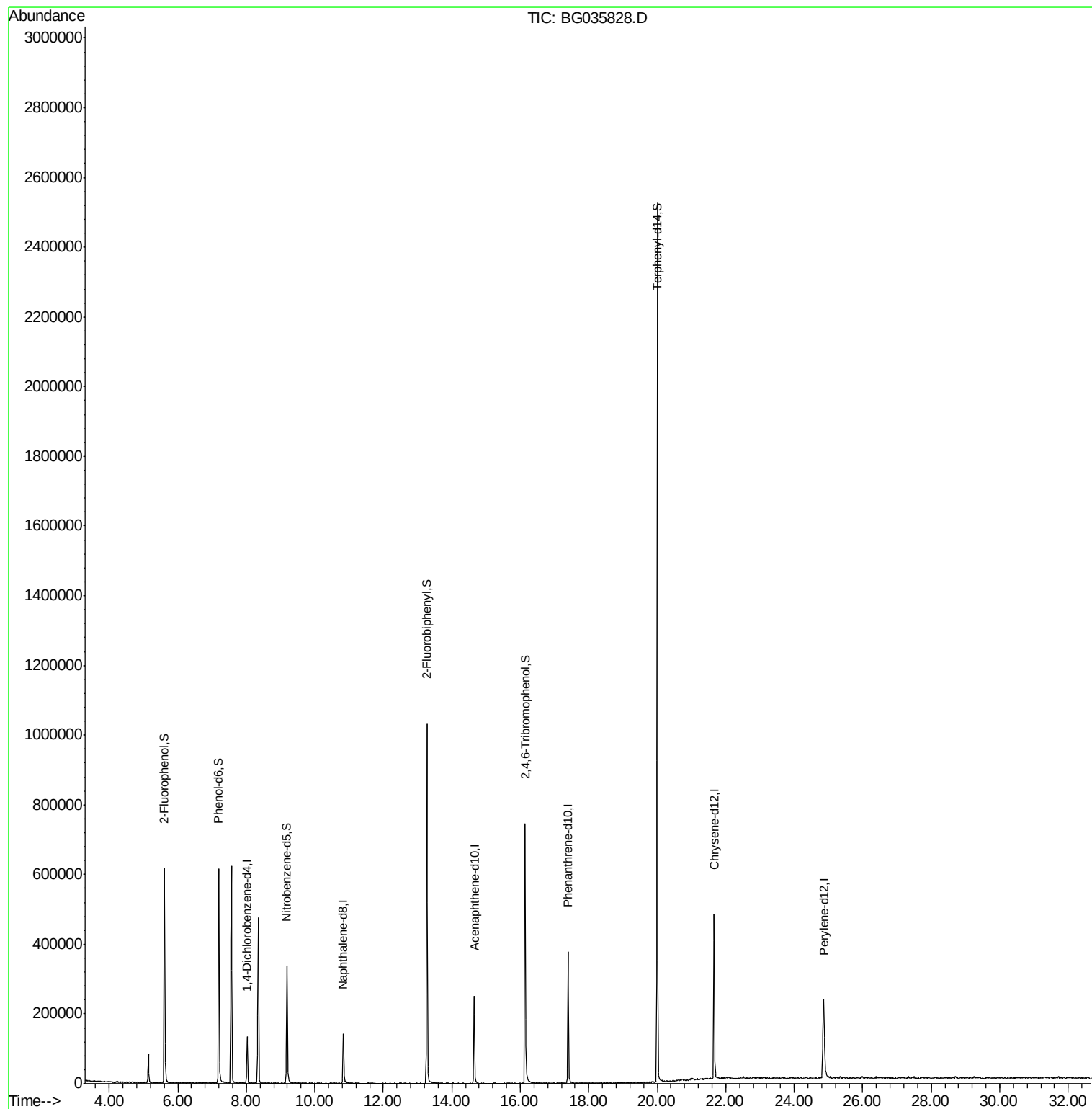
Target Compounds Qvalue

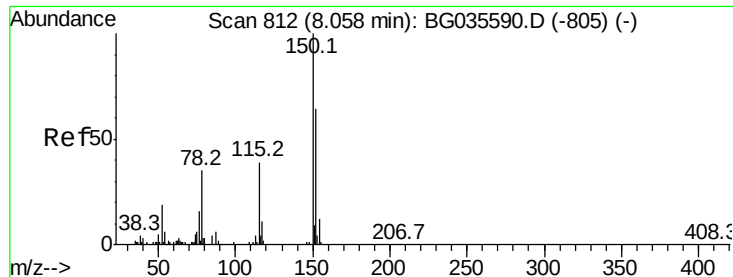
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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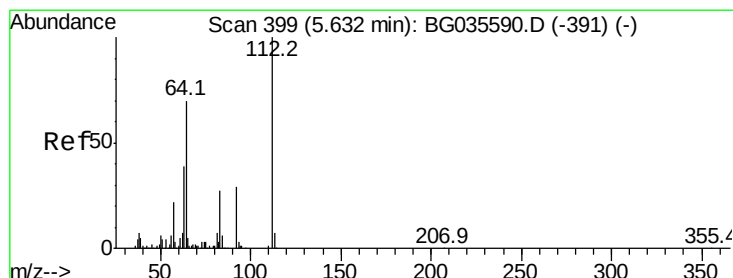
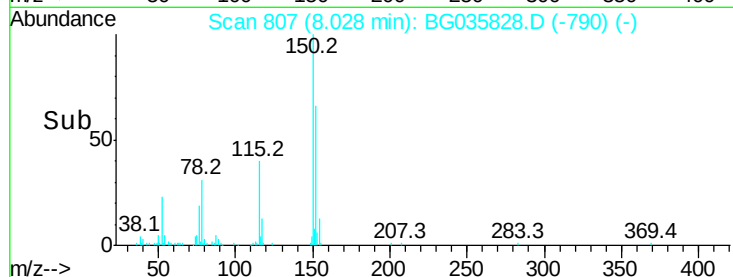
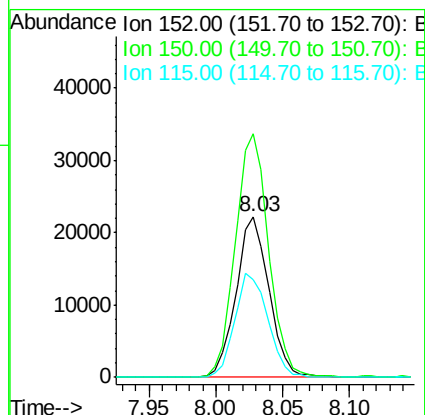
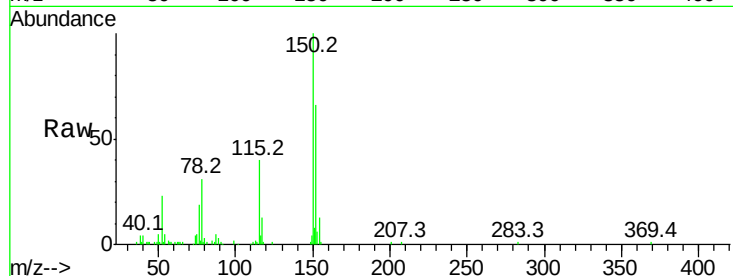


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BG035828.D
 Acq: 23 Jul 2018 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111350BL

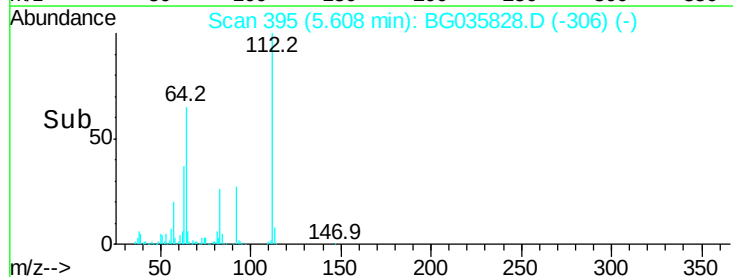
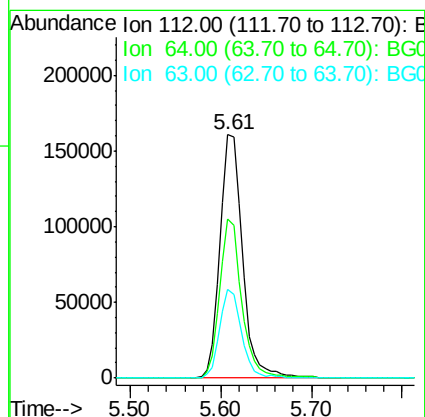
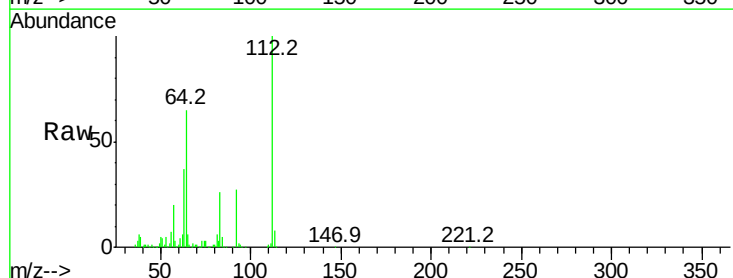
Tot Ion:152 Resp: 37873
 Ion Ratio Lower Upper
 152 100
 150 151.4 126.6 189.8
 115 60.4 53.0 79.4

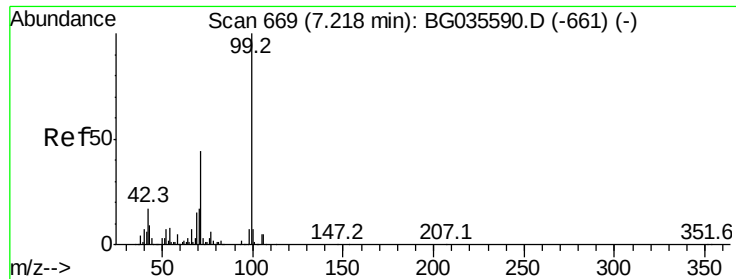


#5

2-Fluorophenol
 Concen: 121.839 ng
 RT: 5.61 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BG035828.D
 Acq: 23 Jul 2018 15:19

Tgt Ion:112 Resp: 277938
 Ion Ratio Lower Upper
 112 100
 64 65.3 56.3 84.5
 63 36.6 30.1 45.1





#7

Phenol-d6

Concen: 115.724 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.01 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

Instrument :

BNA_G

ClientSampleId :

PB111350BL

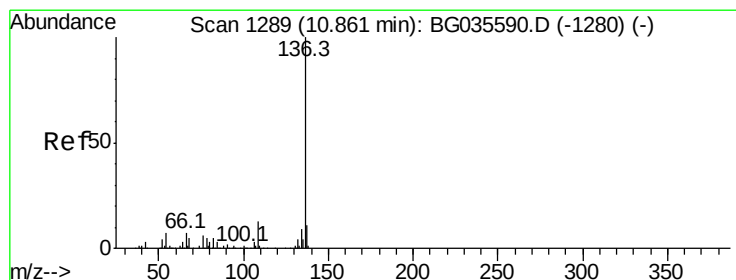
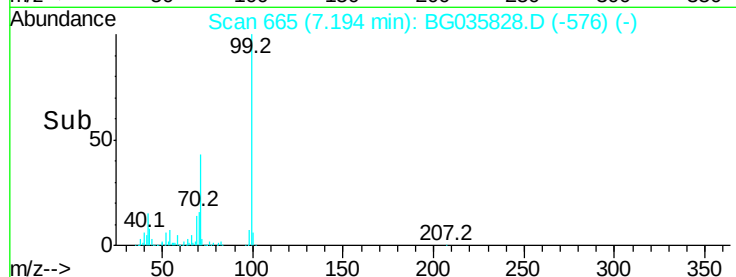
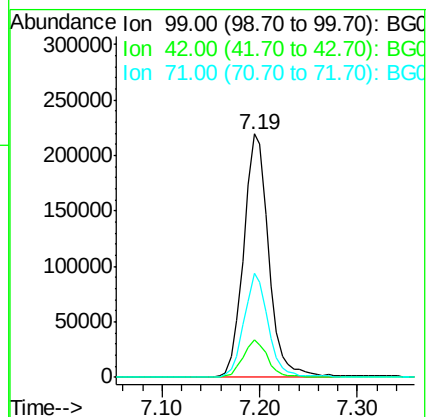
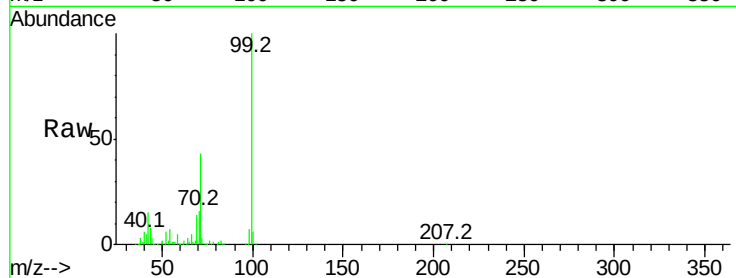
Tot Ion: 99 Resp: 393866

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 42.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

Tgt Ion: 136 Resp: 138071

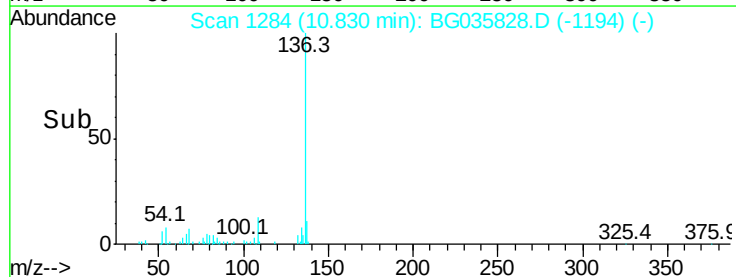
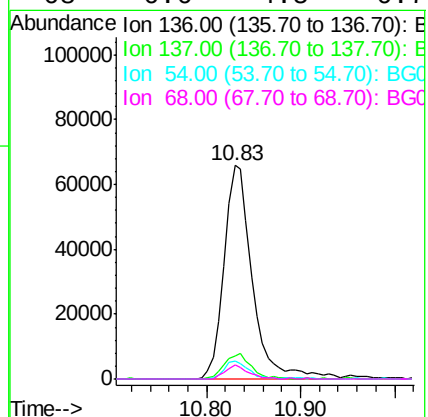
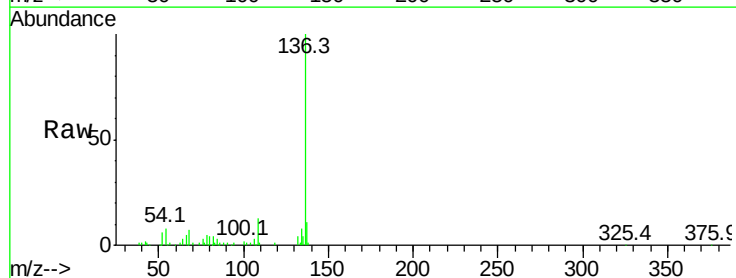
Ion Ratio Lower Upper

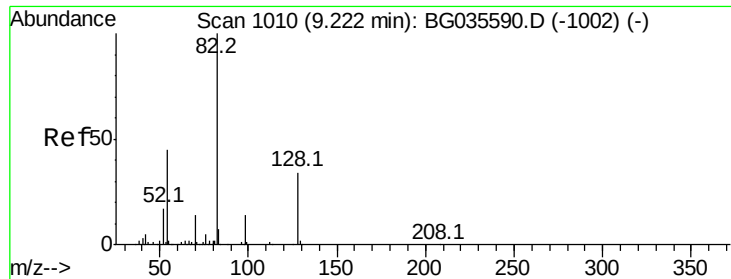
136 100

137 10.8 9.2 13.8

54 8.2 10.3 15.5#

68 6.6 4.5 6.7

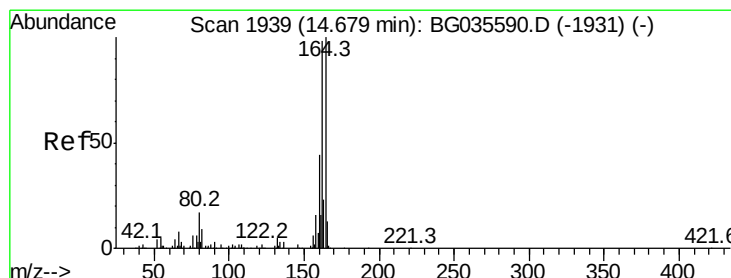
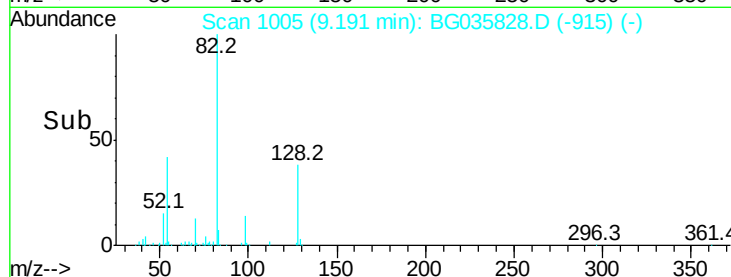
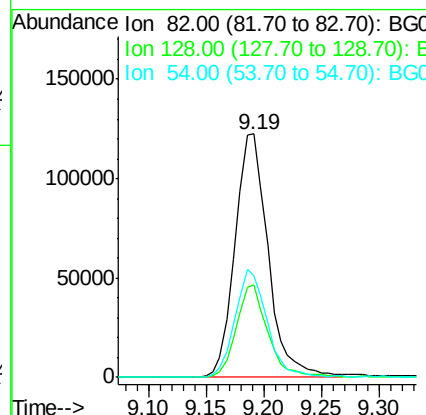
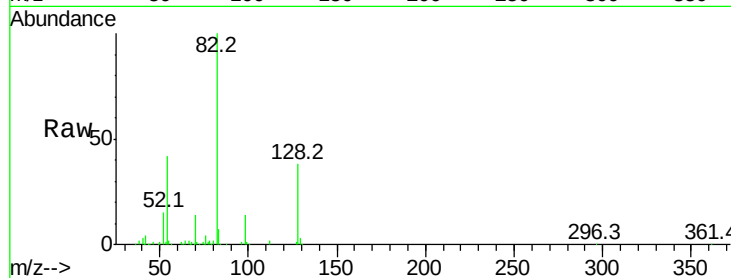




#23
 Nitrobenzene-d5
 Concen: 74.225 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. 0.00 min
 Lab File: BG035828.D
 Acq: 23 Jul 2018 15:19

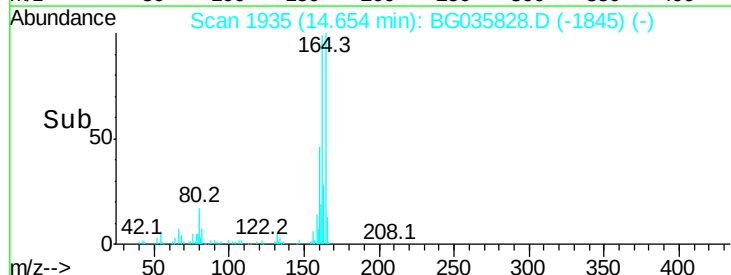
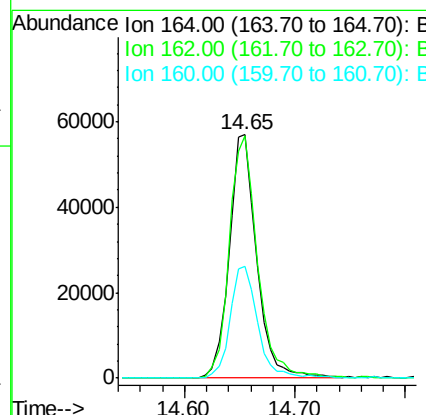
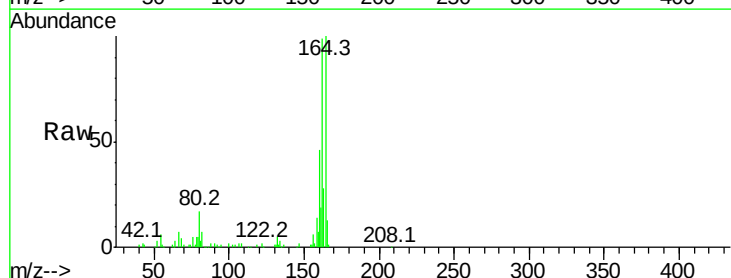
Instrument :
 BNA_G
 ClientSampleId :
 PB111350BL

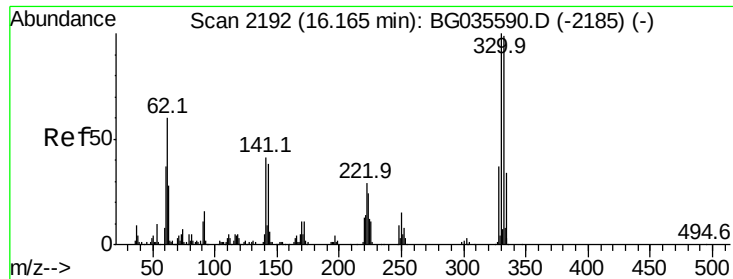
Tot Ion: 82 Resp: 245325
 Ion Ratio Lower Upper
 82 100
 128 38.1 29.7 44.5
 54 41.6 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1935
 Delta R.T. 0.00 min
 Lab File: BG035828.D
 Acq: 23 Jul 2018 15:19

Tgt Ion: 164 Resp: 99038
 Ion Ratio Lower Upper
 164 100
 162 99.4 78.8 118.2
 160 45.7 35.4 53.0

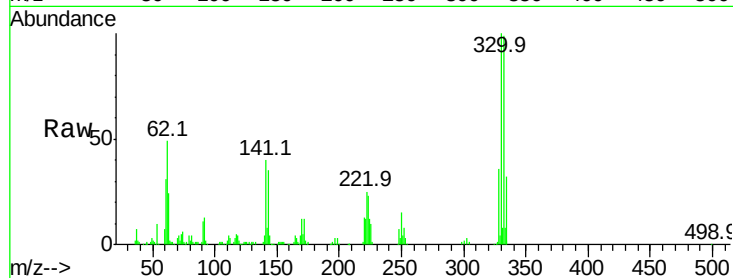




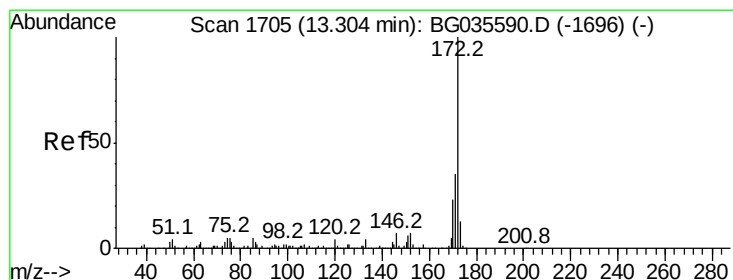
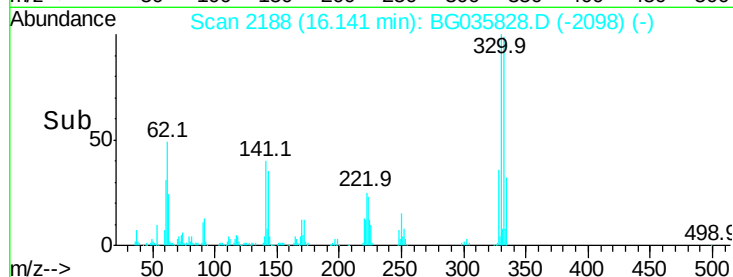
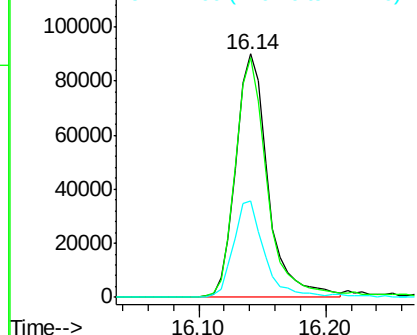
#41
 2,4,6-Tribromophenol
 Concen: 121.625 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BG035828.D
 Acq: 23 Jul 2018 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111350BL

Tot Ion:330 Resp: 158768
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 37.5 25.2 37.8

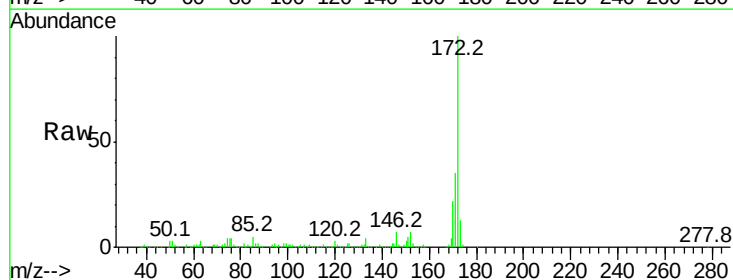


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

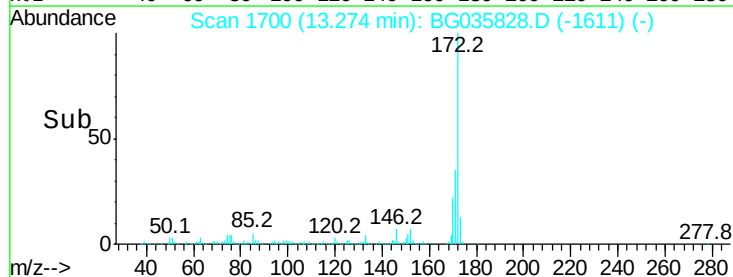
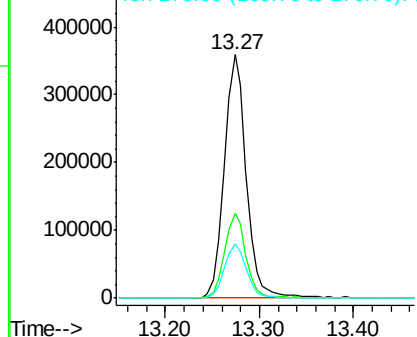


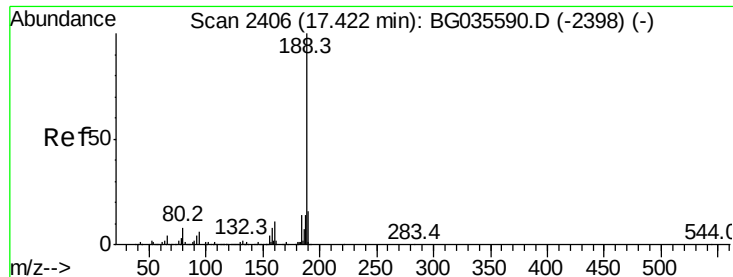
#44
 2-Fluorobiphenyl
 Concen: 79.180 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG035828.D
 Acq: 23 Jul 2018 15:19

Tgt Ion:172 Resp: 585325
 Ion Ratio Lower Upper
 172 100
 171 34.7 30.0 45.0
 170 22.5 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

Instrument :

BNA_G

ClientSampleId :

PB111350BL

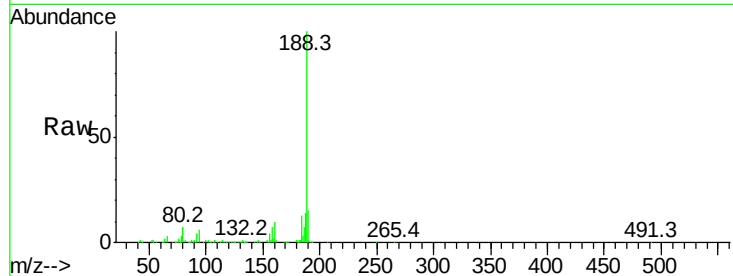
Tot Ion:188 Resp: 282544

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

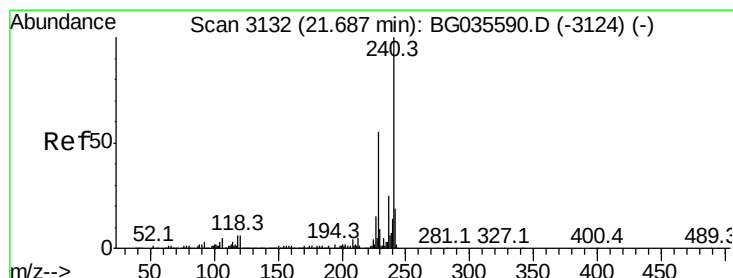
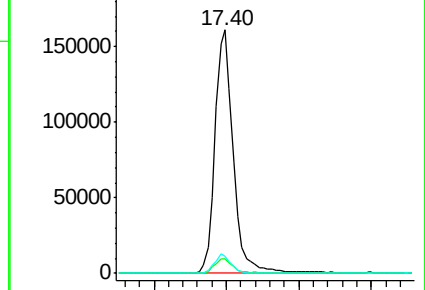
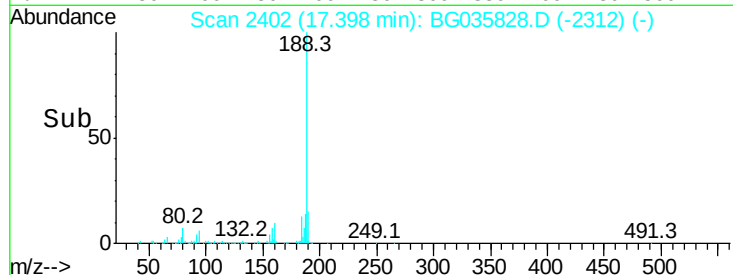
80 7.2 7.7 11.5#



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: 21.66 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BG035828.D

Acq: 23 Jul 2018 15:19

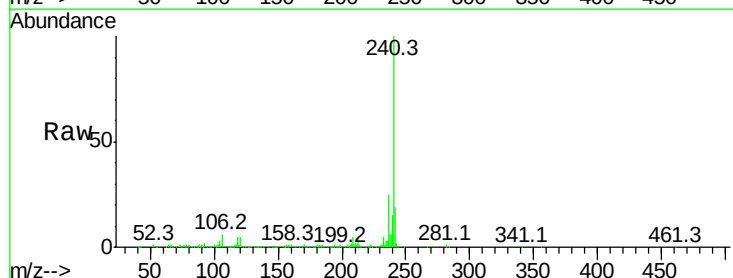
Tgt Ion:240 Resp: 332844

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

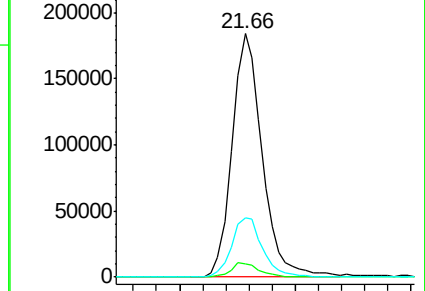
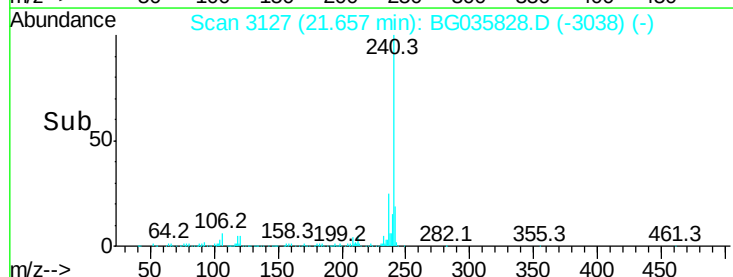
236 24.6 20.9 31.3

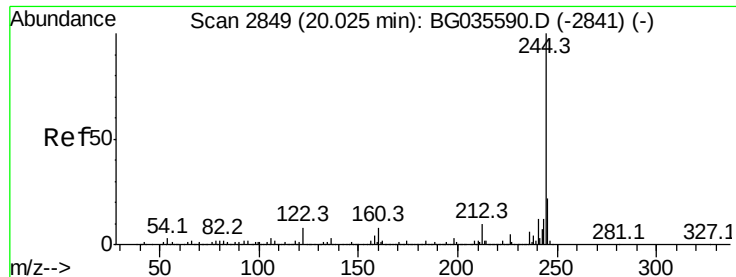


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

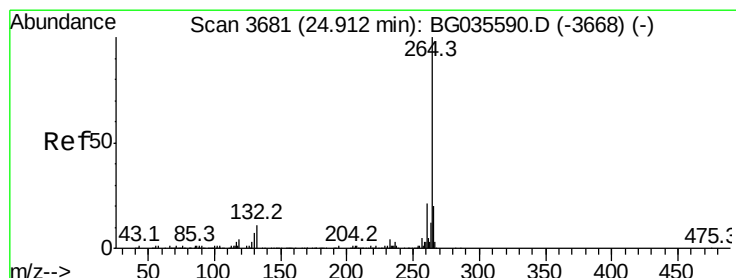
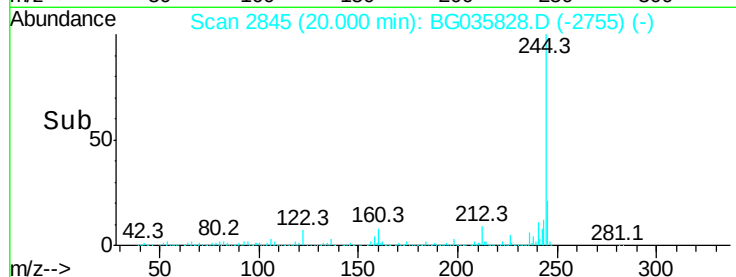
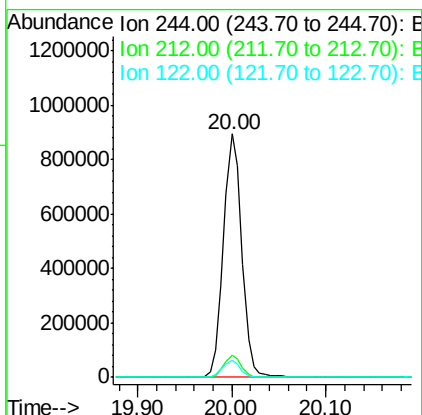
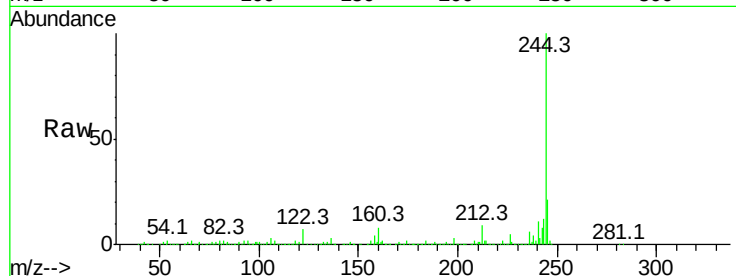




#78
 Terphenyl-d14
 Concen: 81.006 ng
 RT: 20.00 min Scan# 2845
 Delta R.T. 0.00 min
 Lab File: BG035828.D
 Acq: 23 Jul 2018 15:19

Instrument :
 BNA_G
 ClientSampleId :
 PB111350BL

Tot Ion:244 Resp: 1223175
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3673
 Delta R.T. 0.01 min
 Lab File: BG035828.D
 Acq: 23 Jul 2018 15:19

Tgt Ion:264 Resp: 305788
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.4 26.0
 265 20.5 17.7 26.5

