

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080218\
 Data File : BG036055.D
 Acq On : 2 Aug 2018 11:30
 Operator : JU/SJ
 Sample : PB111684BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BL

Quant Time: Aug 02 12:15:12 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	8.02	152	30661	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	106971	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	76732	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	223615	20.00	ng	0.00
75) Chrysene-d12	21.65	240	254464	20.00	ng	0.00
86) Perylene-d12	24.86	264	227644	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	183125	99.16	ng	0.00
7) Phenol-d6	7.19	99	249839	90.67	ng	0.00
23) Nitrobenzene-d5	9.18	82	254789	99.50	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	102721	101.57	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	597180	104.27	ng	-0.01
78) Terphenyl-d14	20.00	244	1115357	96.62	ng	0.00

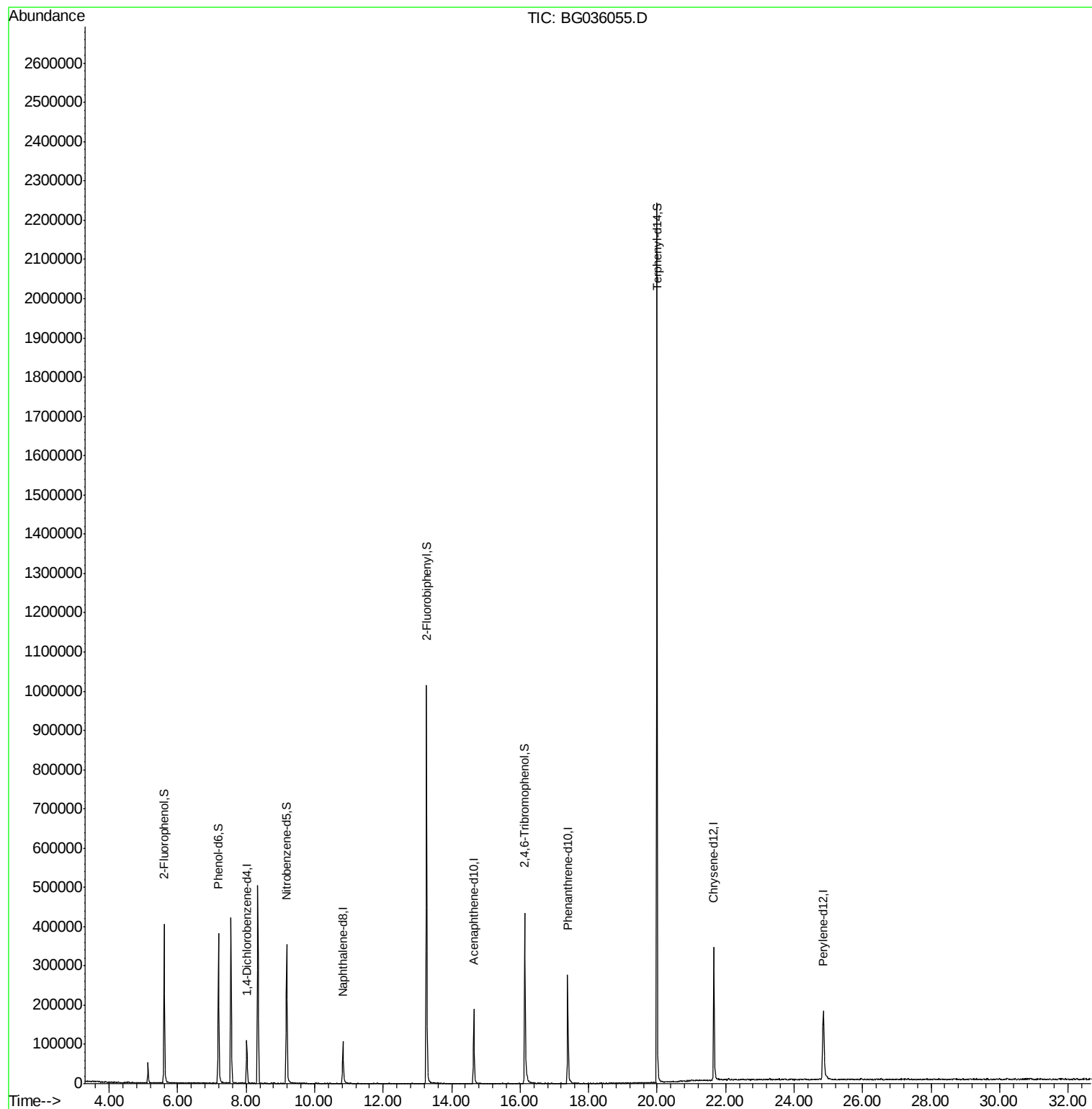
Target Compounds Qvalue

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

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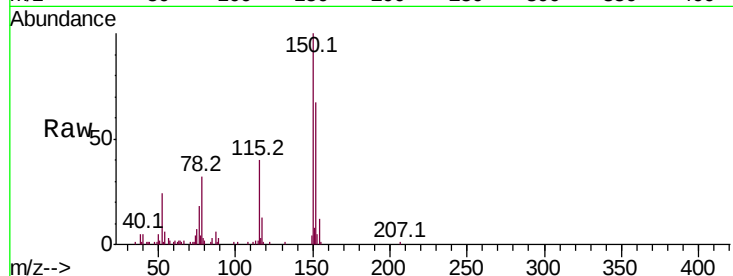


#1

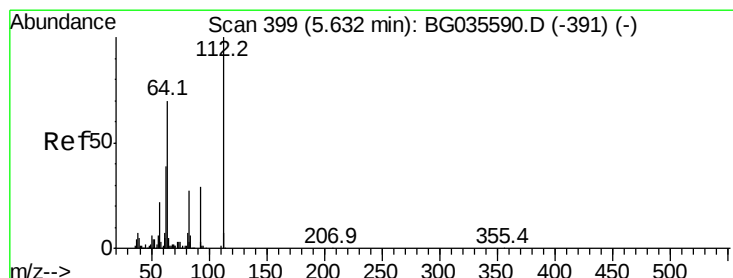
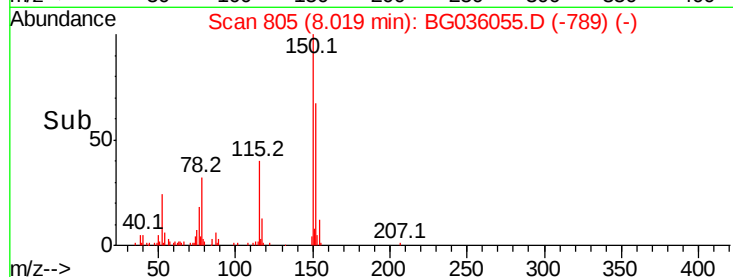
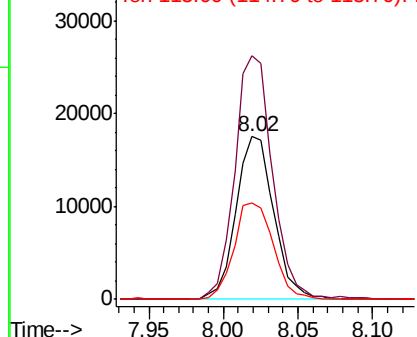
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036055.D
Acq: 2 Aug 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB111684BL

Tot Ion:152 Resp: 30661
Ion Ratio Lower Upper
152 100
150 149.8 126.6 189.8
115 59.7 53.0 79.4



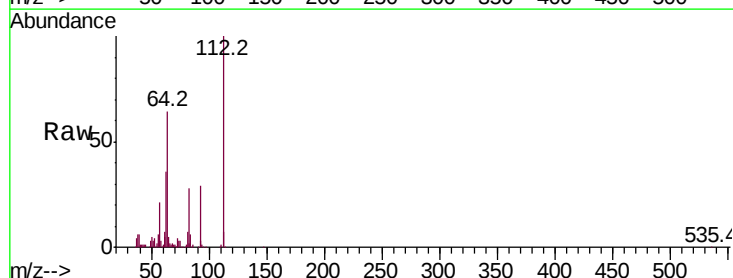
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



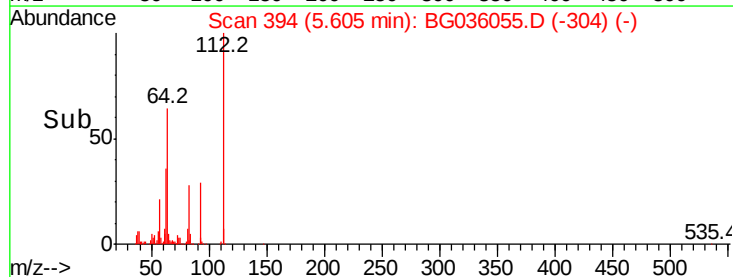
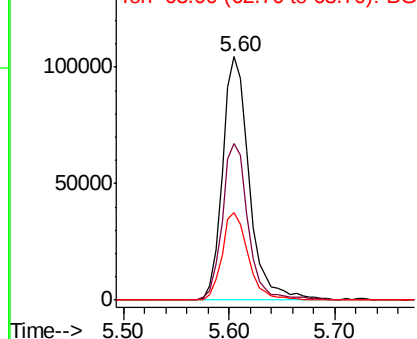
#5

2-Fluorophenol
Concen: 99.159 ng
RT: 5.60 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG036055.D
Acq: 2 Aug 2018 11:30

Tgt Ion:112 Resp: 183125
Ion Ratio Lower Upper
112 100
64 64.1 56.3 84.5
63 36.1 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: 90.673 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036055.D

Acq: 2 Aug 2018 11:30

Instrument :

BNA_G

ClientSampleId :

PB111684BL

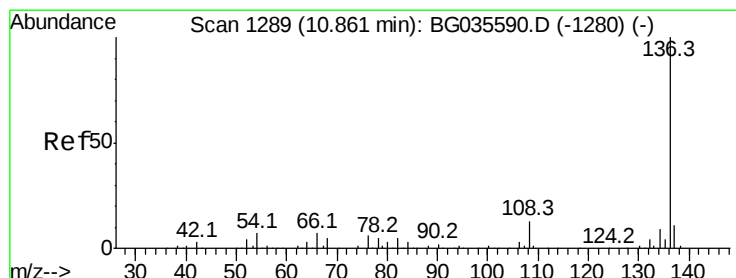
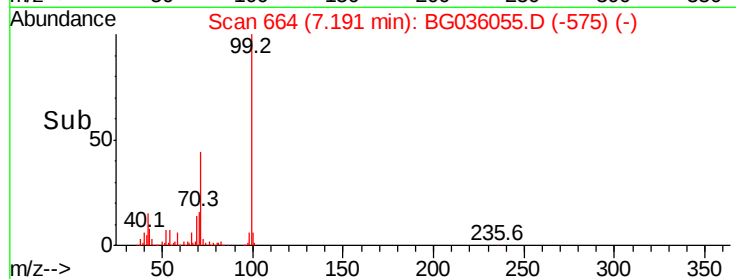
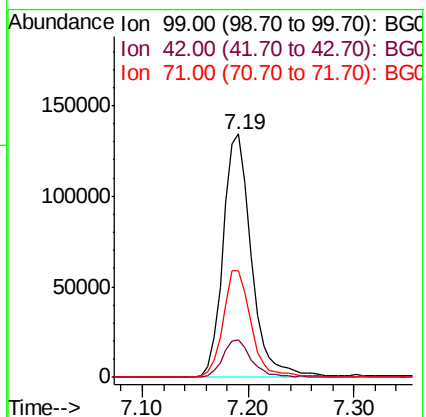
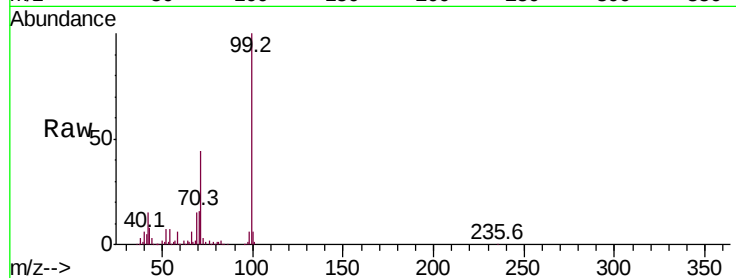
Tot Ion: 99 Resp: 249839

Ion Ratio Lower Upper

99 100

42 15.5 14.1 21.1

71 44.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036055.D

Acq: 2 Aug 2018 11:30

Tgt Ion: 136 Resp: 106971

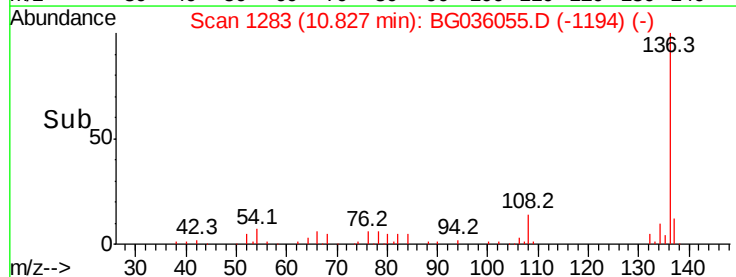
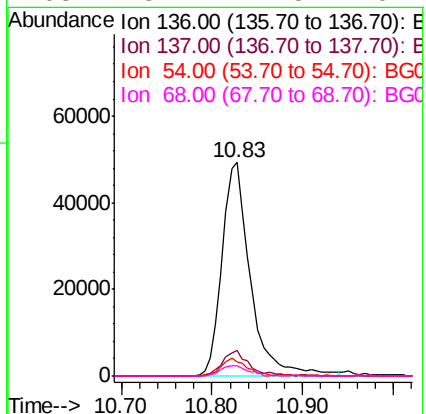
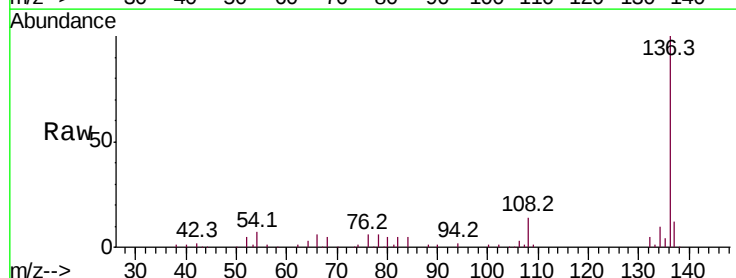
Ion Ratio Lower Upper

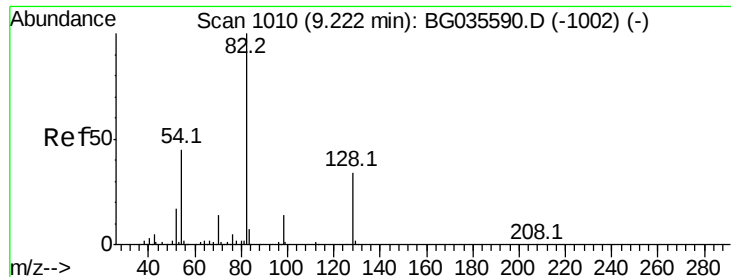
136 100

137 11.9 9.2 13.8

54 6.8 10.3 15.5#

68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 99.501 ng

RT: 9.18 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BG036055.D

Acq: 2 Aug 2018 11:30

Instrument :

BNA_G

ClientSampleId :

PB111684BL

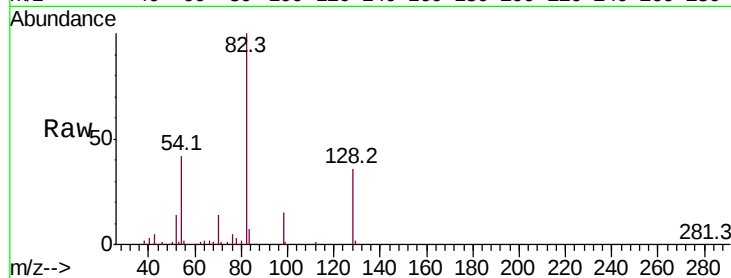
Tot Ion: 82 Resp: 254789

Ion Ratio Lower Upper

82 100

128 35.7 29.7 44.5

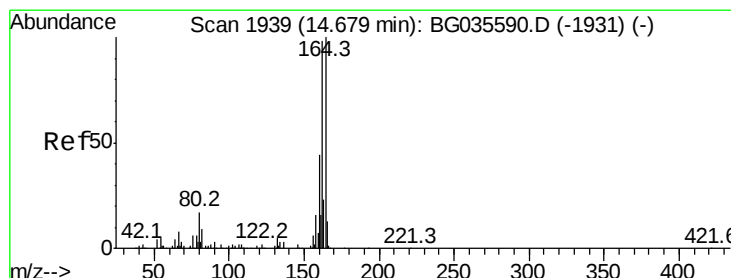
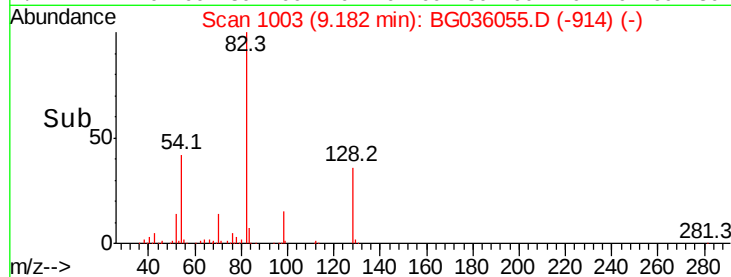
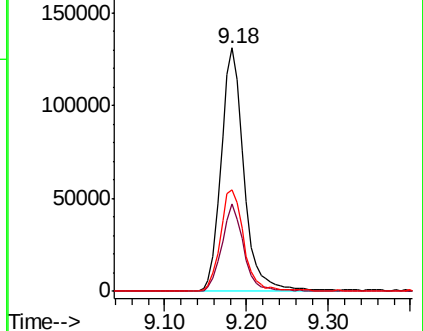
54 41.9 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.01 min

Lab File: BG036055.D

Acq: 2 Aug 2018 11:30

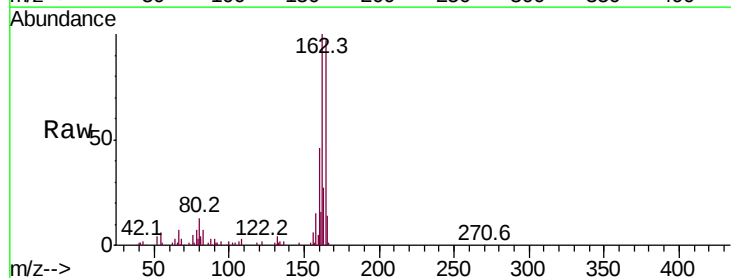
Tgt Ion:164 Resp: 76732

Ion Ratio Lower Upper

164 100

162 102.7 78.8 118.2

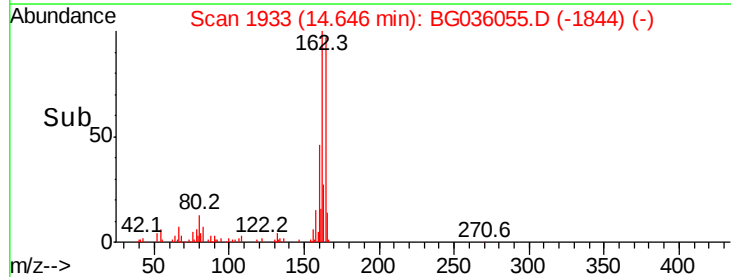
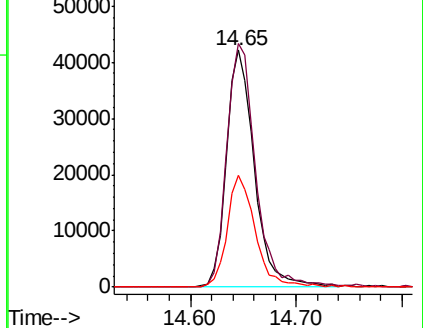
160 47.1 35.4 53.0

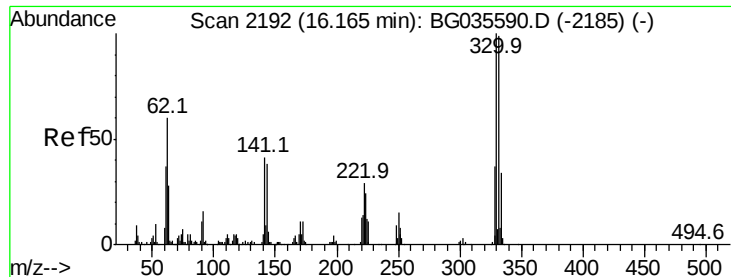


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

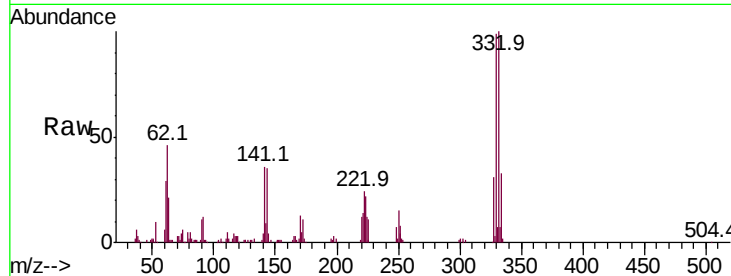




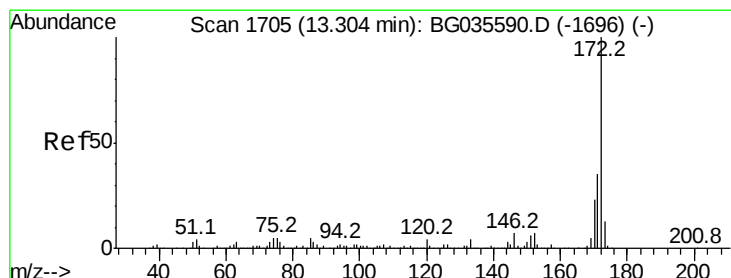
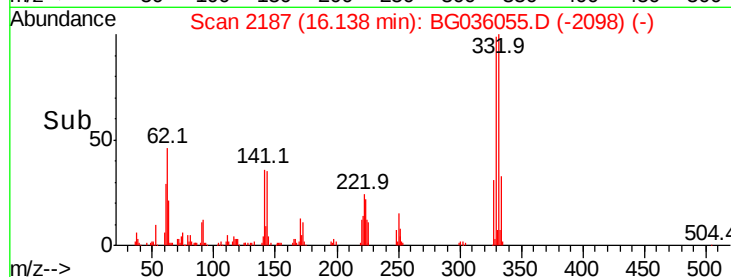
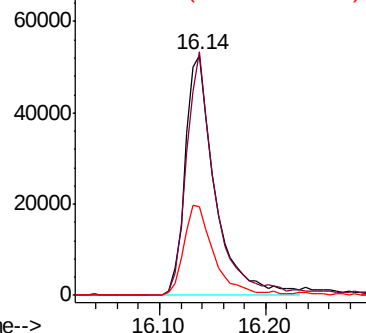
#41
2,4,6-Tribromophenol
Concen: 101.565 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036055.D
Acq: 2 Aug 2018 11:30

Instrument :
BNA_G
ClientSampleId :
PB111684BL

Tot Ion:330 Resp: 102721
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.6
141 37.4 25.2 37.8

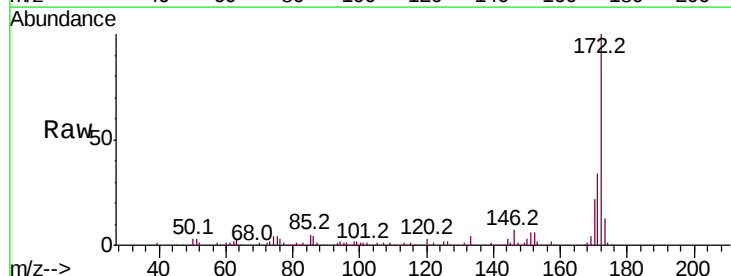


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

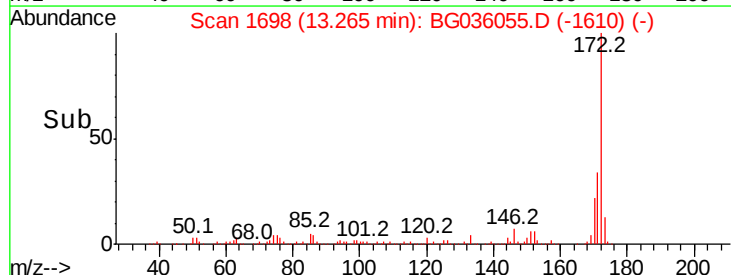
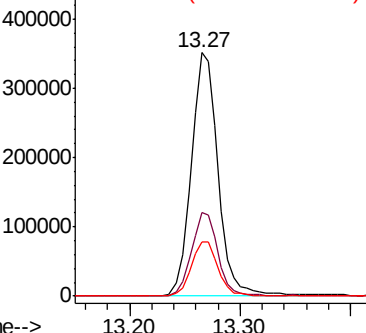


#44
2-Fluorobiphenyl
Concen: 104.268 ng
RT: 13.27 min Scan# 1698
Delta R.T. -0.01 min
Lab File: BG036055.D
Acq: 2 Aug 2018 11:30

Tgt Ion:172 Resp: 597180
Ion Ratio Lower Upper
172 100
171 34.3 30.0 45.0
170 22.4 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: 17.39 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG036055.D

Acq: 2 Aug 2018 11:30

Instrument :

BNA_G

ClientSampleId :

PB111684BL

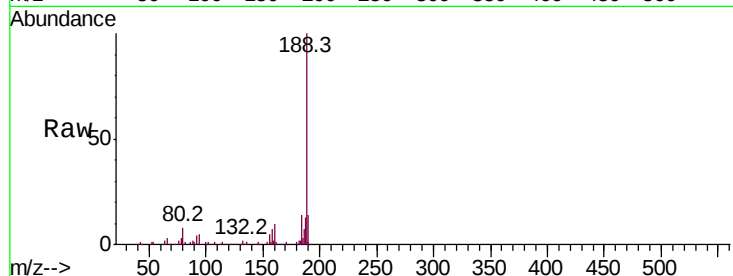
Tot Ion:188 Resp: 223615

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

80 8.0 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

150000

100000

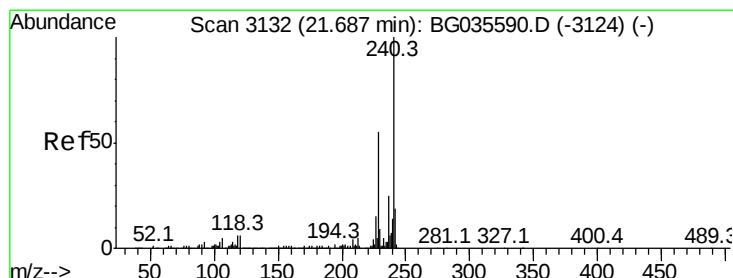
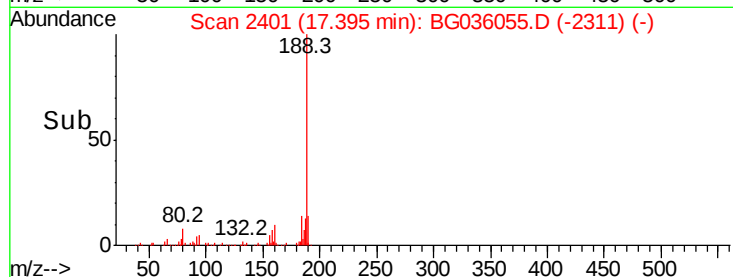
50000

0

17.39

17.30 17.40 17.50

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036055.D

Acq: 2 Aug 2018 11:30

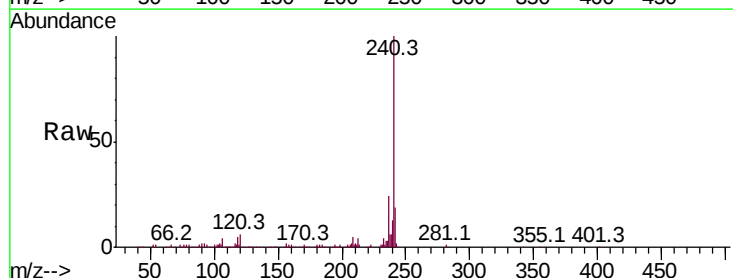
Tgt Ion:240 Resp: 254464

Ion Ratio Lower Upper

240 100

120 5.8 6.8 10.2#

236 23.7 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

150000

100000

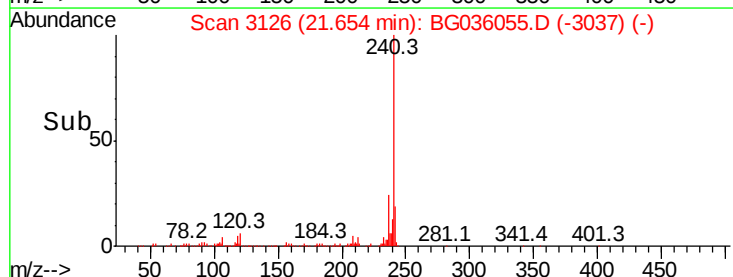
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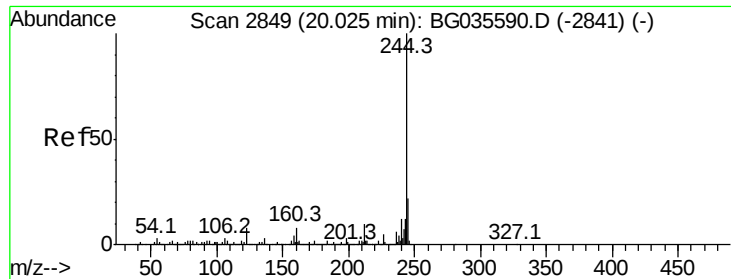
0

21.65

21.60 21.70 21.80

Time-->

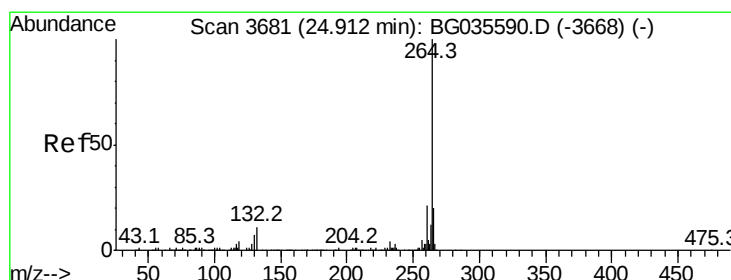
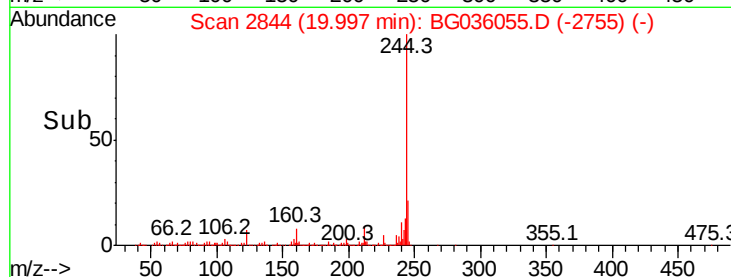
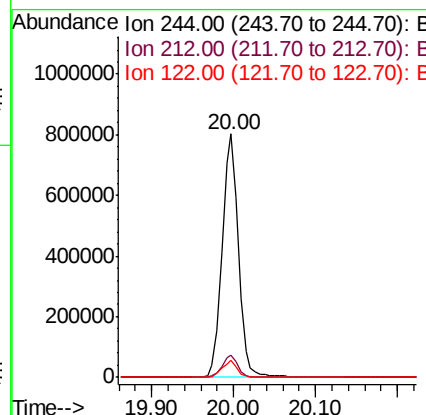
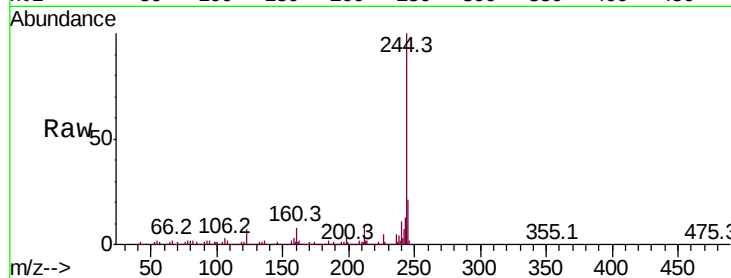




#78
 Terphenyl-d14
 Concen: 96.618 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036055.D
 Acq: 2 Aug 2018 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB111684BL

Tot Ion:244 Resp: 1115357
 Ion Ratio Lower Upper
 244 100
 212 9.2 5.8 8.8#
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3671
 Delta R.T. -0.01 min
 Lab File: BG036055.D
 Acq: 2 Aug 2018 11:30

Tgt Ion:264 Resp: 227644
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 23.2 17.7 26.5

