

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073118\
 Data File : BG036007.D
 Acq On : 31 Jul 2018 18:47
 Operator : JU/SJ
 Sample : PB111635BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111635BL

Quant Time: Aug 01 01:21:09 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	40964	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	143311	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	100422	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	280021	20.00	ng	0.00
75) Chrysene-d12	21.65	240	311644	20.00	ng	0.00
86) Perylene-d12	24.85	264	291644	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	336631	136.43	ng	0.00
7) Phenol-d6	7.19	99	472867	128.45	ng	0.00
23) Nitrobenzene-d5	9.19	82	314005	91.53	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	206691	156.16	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	719840	96.03	ng	0.00
78) Terphenyl-d14	19.99	244	1392025	98.46	ng	0.00

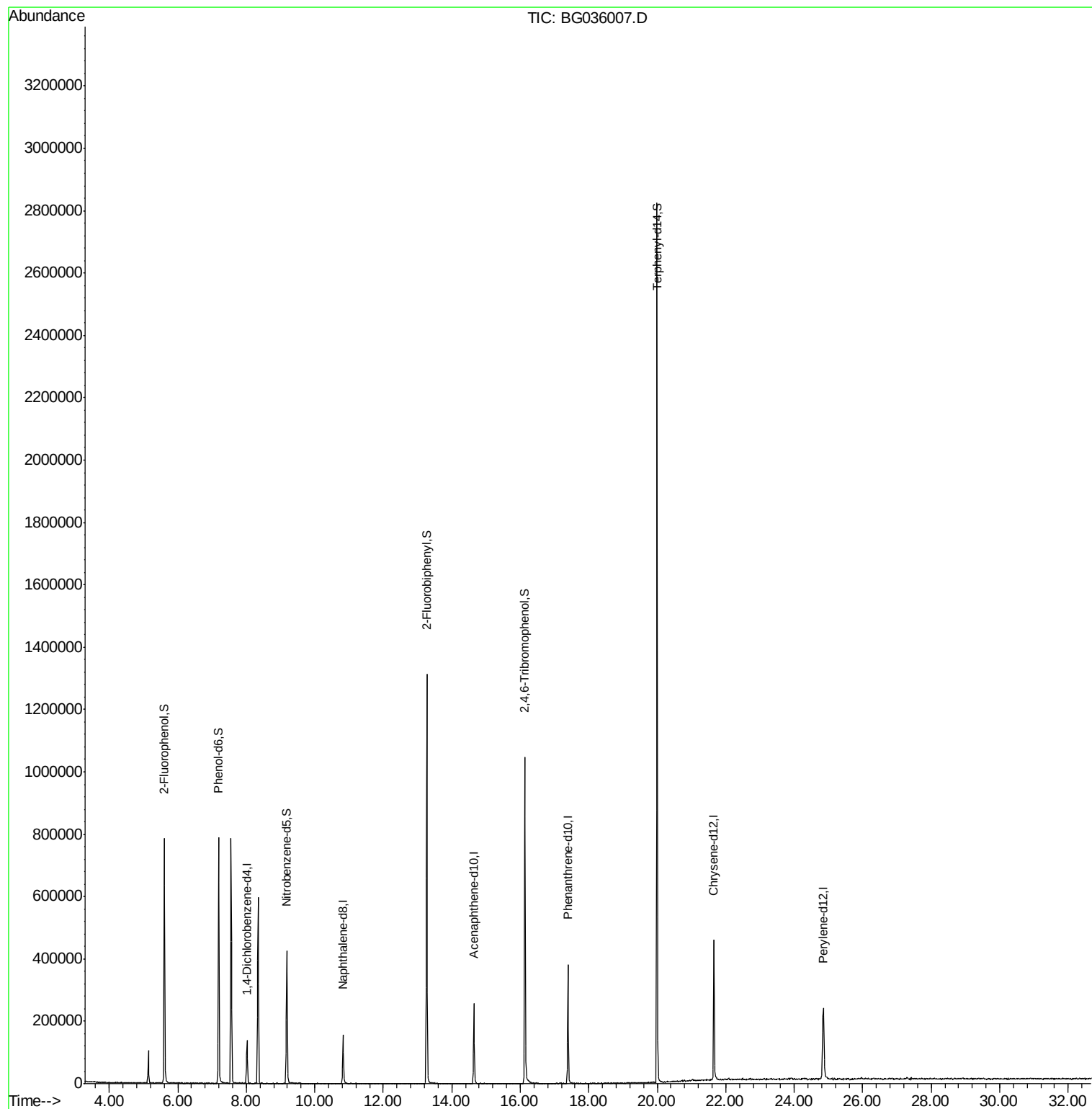
Target Compounds Qvalue

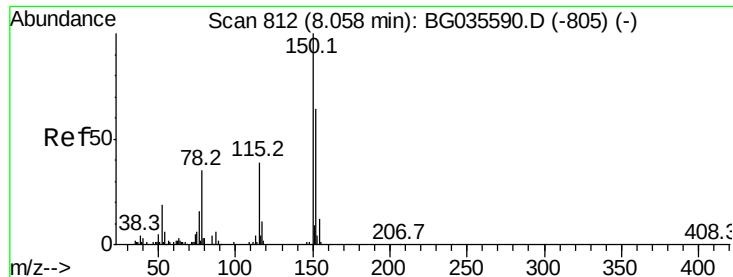
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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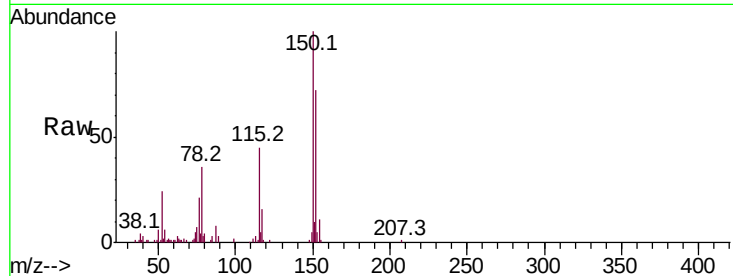


#1

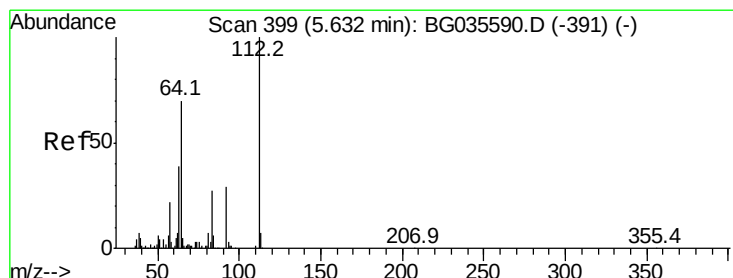
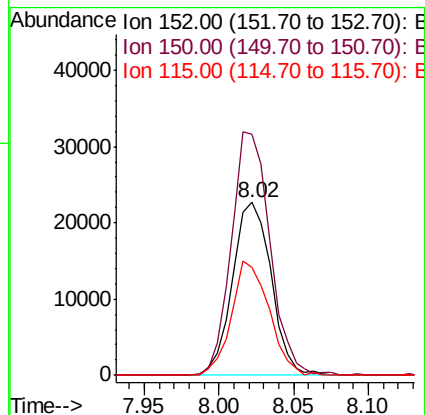
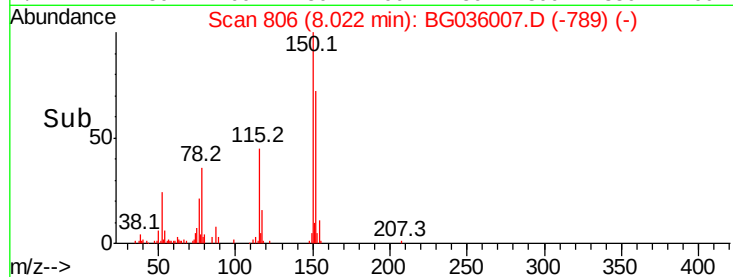
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tot Ion:152 Resp: 40964
Ion Ratio Lower Upper
152 100
150 139.1 126.6 189.8
115 62.8 53.0 79.4



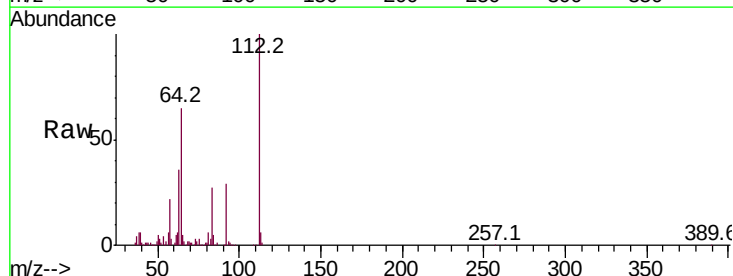
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



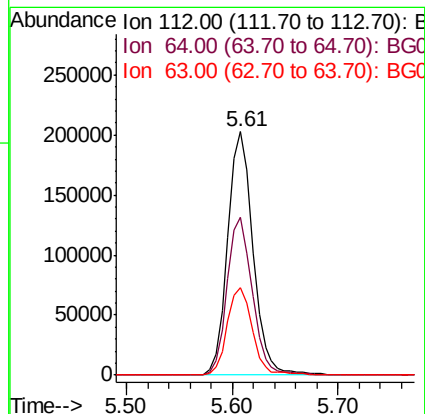
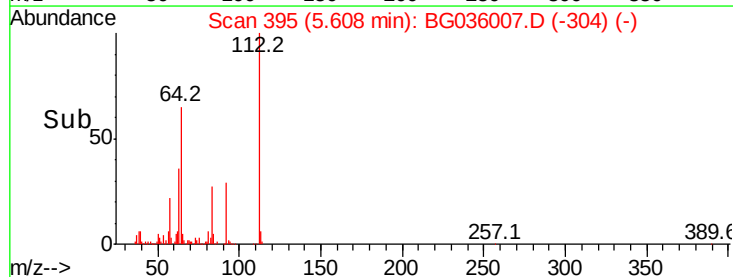
#5

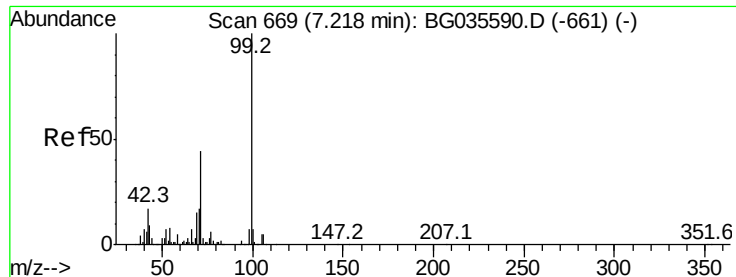
2-Fluorophenol
Concen: 136.434 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Tgt Ion:112 Resp: 336631
Ion Ratio Lower Upper
112 100
64 64.8 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: 128.452 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG036007.D

Acq: 31 Jul 2018 18:47

Instrument :

BNA_G

ClientSampleId :

PB111635BL

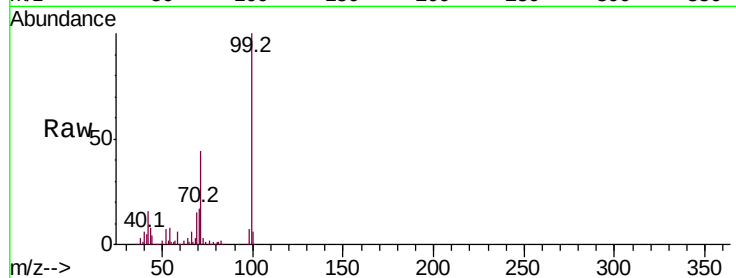
Tot Ion: 99 Resp: 472867

Ion Ratio Lower Upper

99 100

42 16.3 14.1 21.1

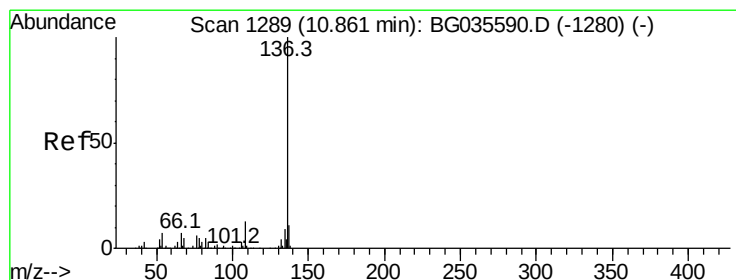
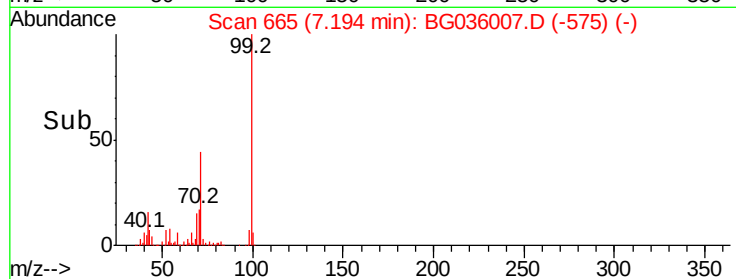
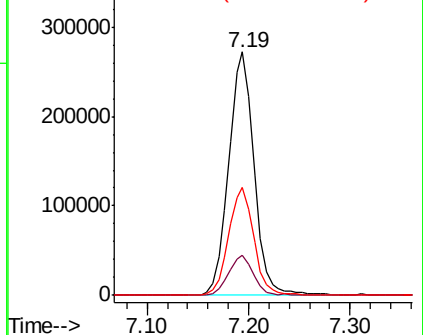
71 44.5 26.1 39.1#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036007.D

Acq: 31 Jul 2018 18:47

Tgt Ion: 136 Resp: 143311

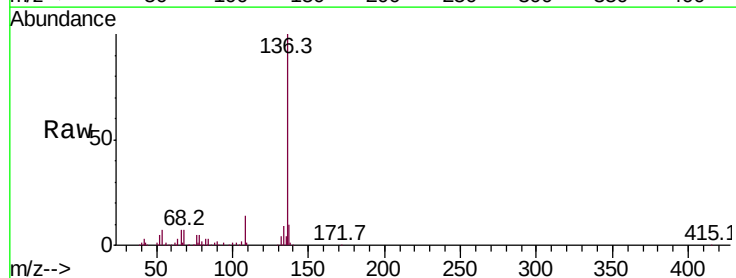
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 7.1 10.3 15.5#

68 6.7 4.5 6.7#

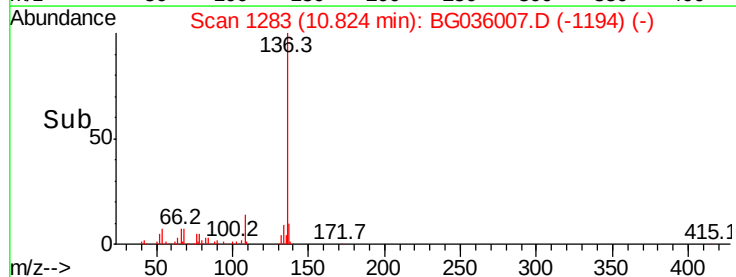
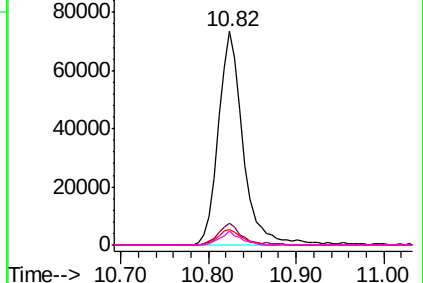


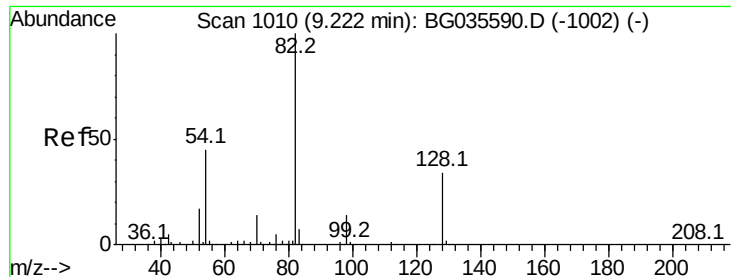
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

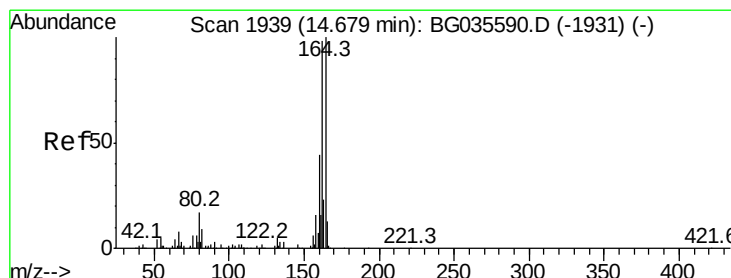
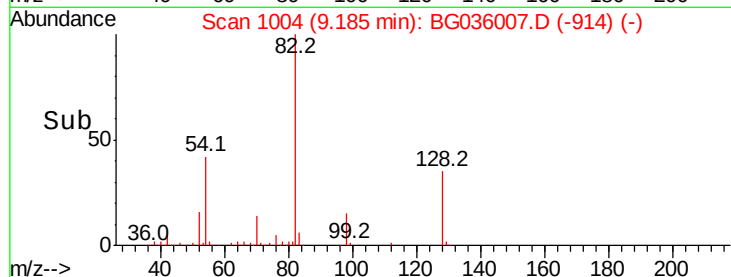
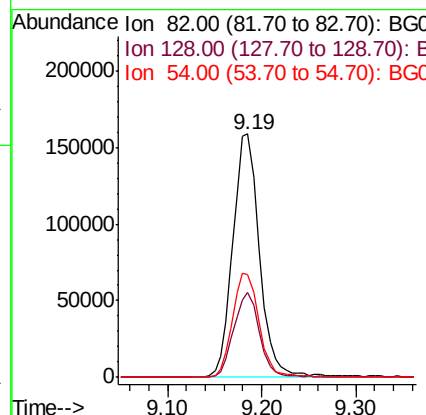
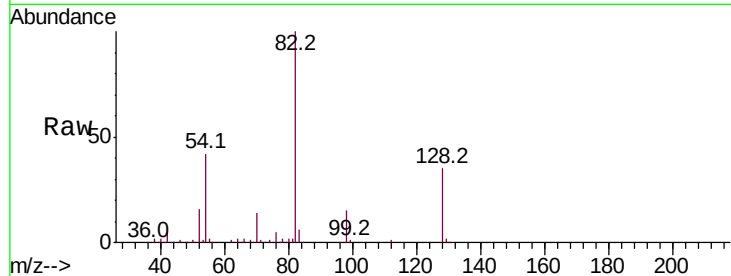




#23
 Nitrobenzene-d5
 Concen: 91.532 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. -0.00 min
 Lab File: BG036007.D
 Acq: 31 Jul 2018 18:47

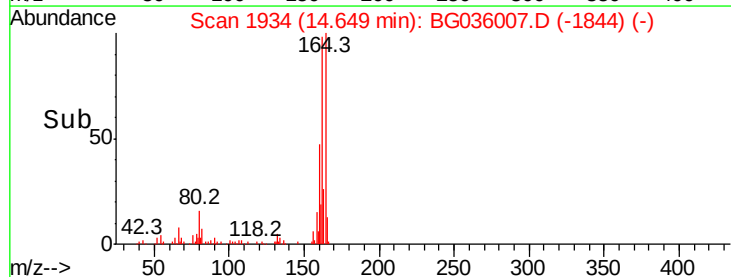
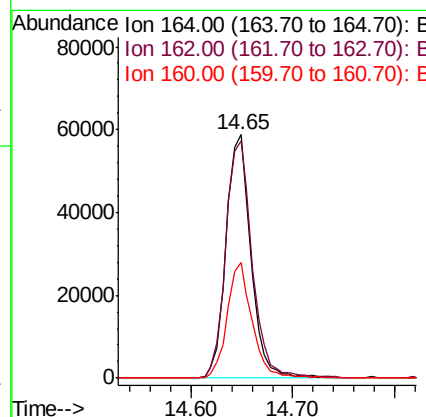
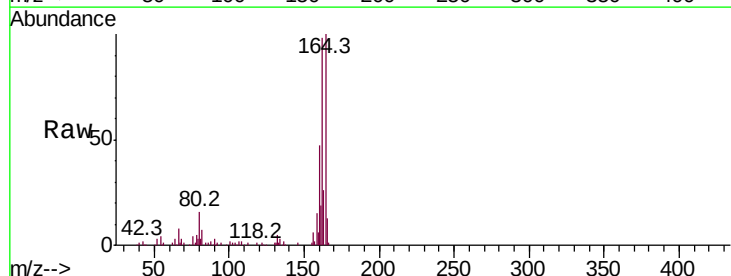
Instrument :
 BNA_G
 ClientSampleId :
 PB111635BL

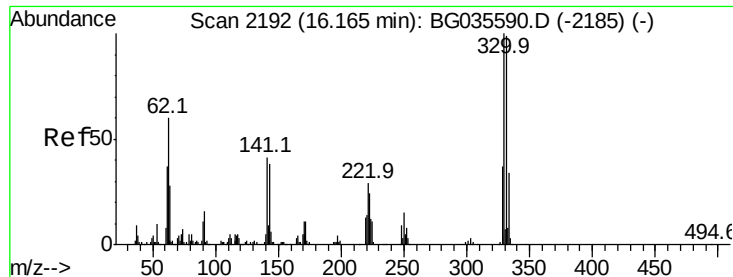
Tot Ion: 82 Resp: 314005
 Ion Ratio Lower Upper
 82 100
 128 34.9 29.7 44.5
 54 42.1 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.00 min
 Lab File: BG036007.D
 Acq: 31 Jul 2018 18:47

Tgt Ion:164 Resp: 100422
 Ion Ratio Lower Upper
 164 100
 162 97.5 78.8 118.2
 160 47.3 35.4 53.0

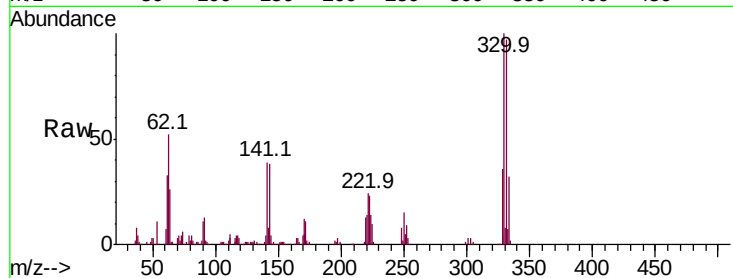




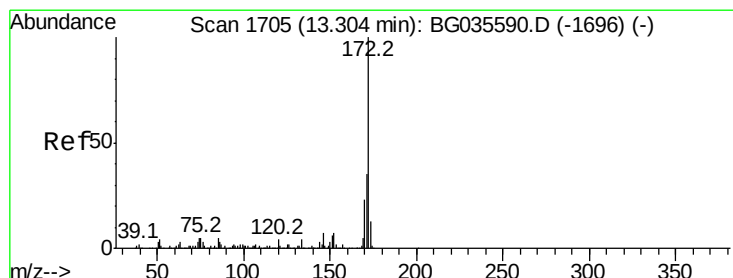
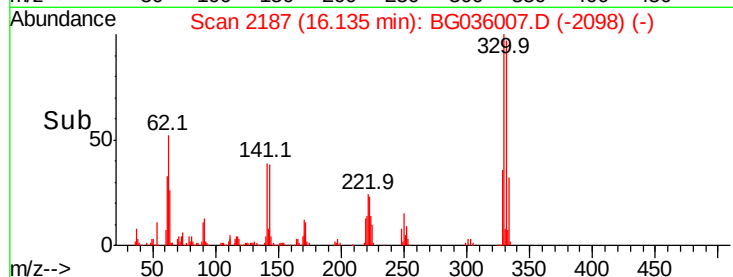
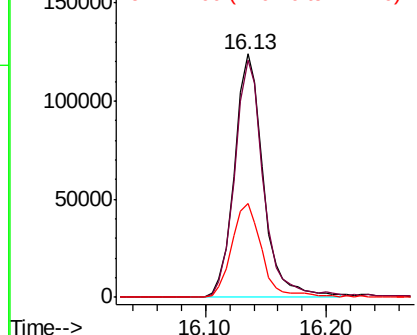
#41
2,4,6-Tribromophenol
Concen: 156.155 ng
RT: 16.13 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Instrument :
BNA_G
ClientSampleId :
PB111635BL

Tot Ion:330 Resp: 206691
Ion Ratio Lower Upper
330 100
332 98.8 77.0 115.6
141 40.4 25.2 37.8#

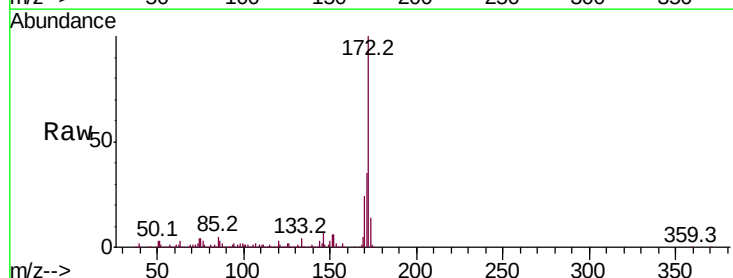


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

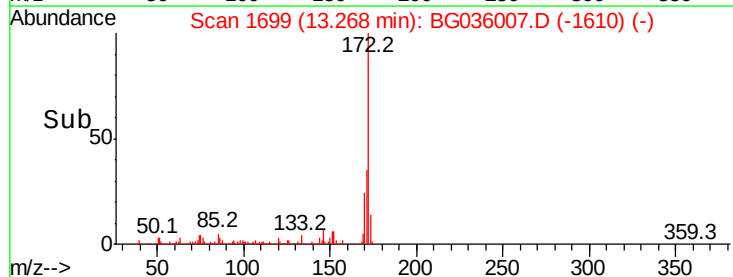
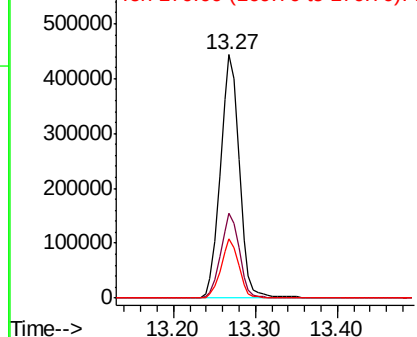


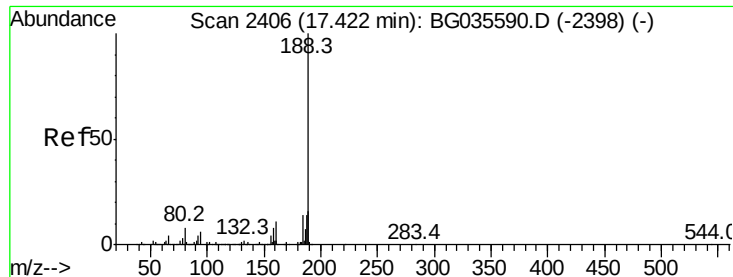
#44
2-Fluorobiphenyl
Concen: 96.035 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036007.D
Acq: 31 Jul 2018 18:47

Tgt Ion:172 Resp: 719840
Ion Ratio Lower Upper
172 100
171 35.1 30.0 45.0
170 24.2 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG036007.D

Acq: 31 Jul 2018 18:47

Instrument :

BNA_G

ClientSampleId :

PB111635BL

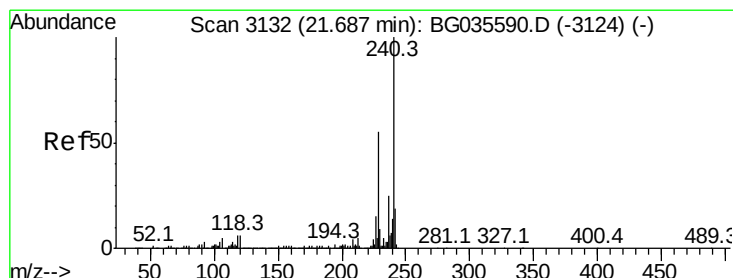
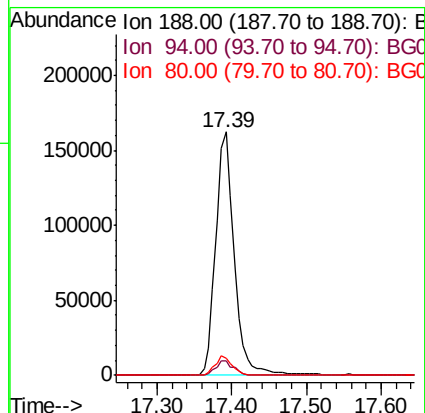
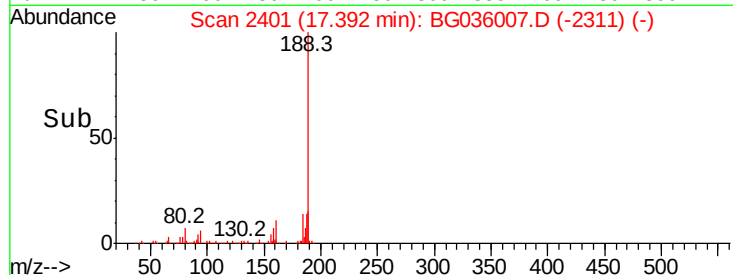
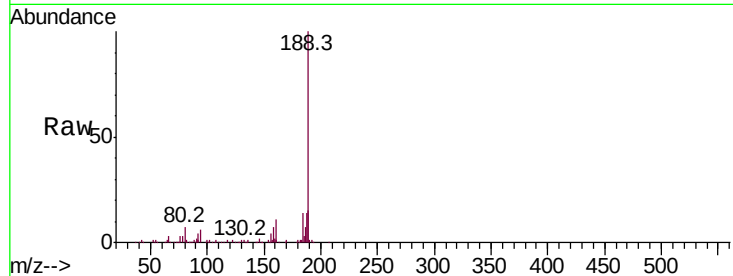
Tot Ion:188 Resp: 280021

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

80 6.8 7.7 11.5#



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.01 min

Lab File: BG036007.D

Acq: 31 Jul 2018 18:47

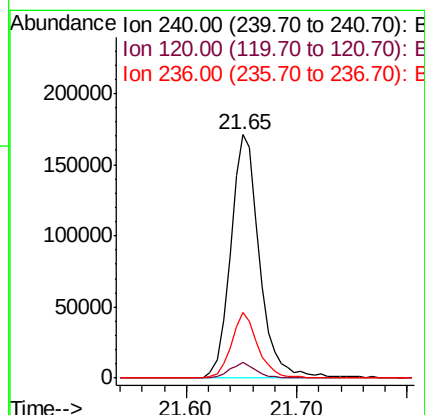
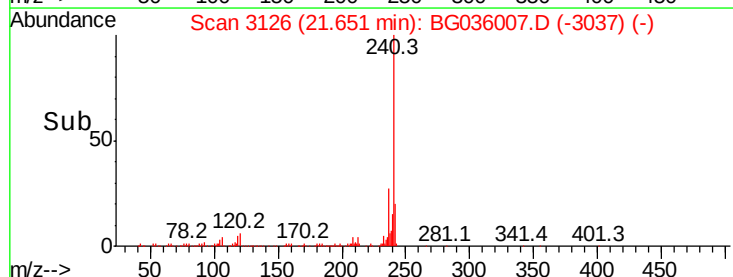
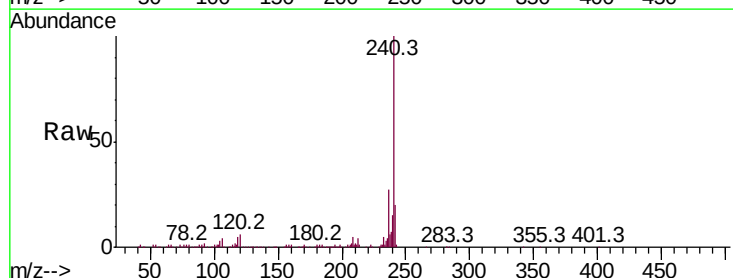
Tgt Ion:240 Resp: 311644

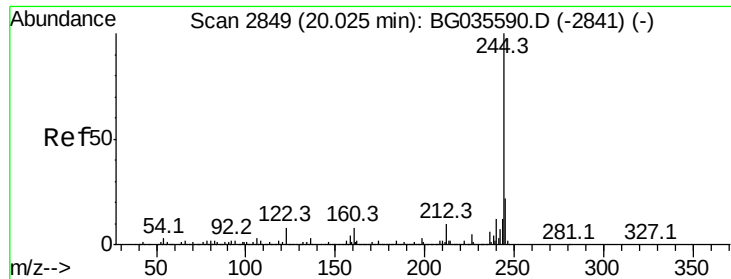
Ion Ratio Lower Upper

240 100

120 6.4 6.8 10.2#

236 26.8 20.9 31.3

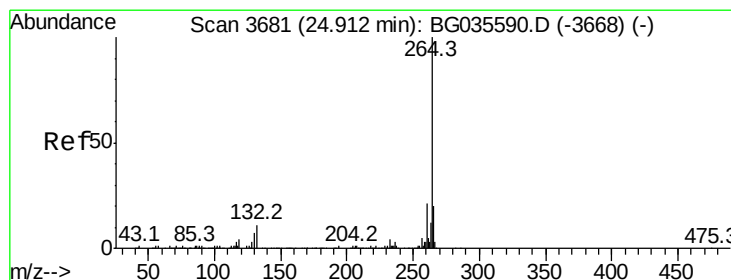
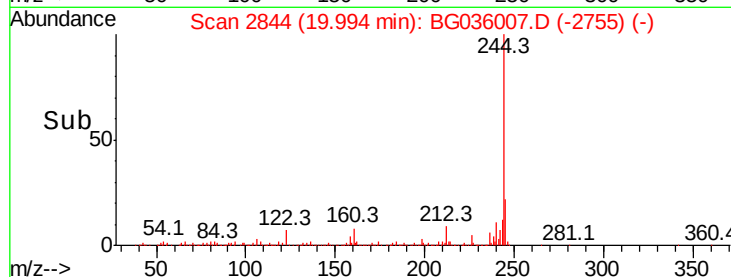
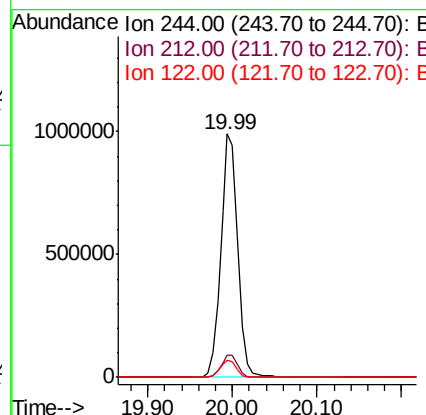
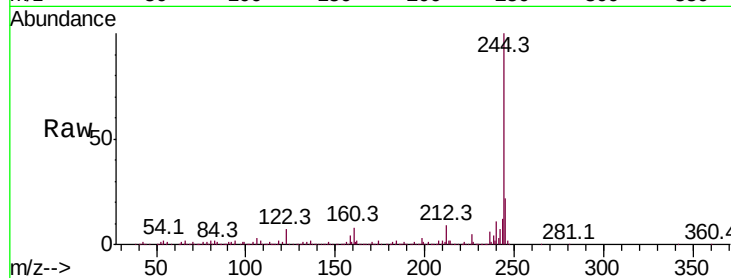




#78
 Terphenyl-d14
 Concen: 98.460 ng
 RT: 19.99 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036007.D
 Acq: 31 Jul 2018 18:47

Instrument :
 BNA_G
 ClientSampleId :
 PB111635BL

Tot Ion:244 Resp: 1392025
 Ion Ratio Lower Upper
 244 100
 212 9.3 5.8 8.8#
 122 7.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3670
 Delta R.T. -0.01 min
 Lab File: BG036007.D
 Acq: 31 Jul 2018 18:47

Tgt Ion:264 Resp: 291644
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.4 26.0
 265 20.2 17.7 26.5

