

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
 Data File : BG036048.D
 Acq On : 2 Aug 2018 1:07
 Operator : JU/SJ
 Sample : PB111535BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB111535BL

Quant Time: Aug 02 08:59:49 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	26733	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	95606	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	68365	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	223360	20.00	ng	0.00
75) Chrysene-d12	21.65	240	259265	20.00	ng	0.00
86) Perylene-d12	24.85	264	240392	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	216434	134.41	ng	0.00
7) Phenol-d6	7.19	99	301634	125.56	ng	0.00
23) Nitrobenzene-d5	9.18	82	197072	86.11	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	143899	159.69	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	468930	91.90	ng	0.00
78) Terphenyl-d14	20.00	244	1112986	94.63	ng	0.00

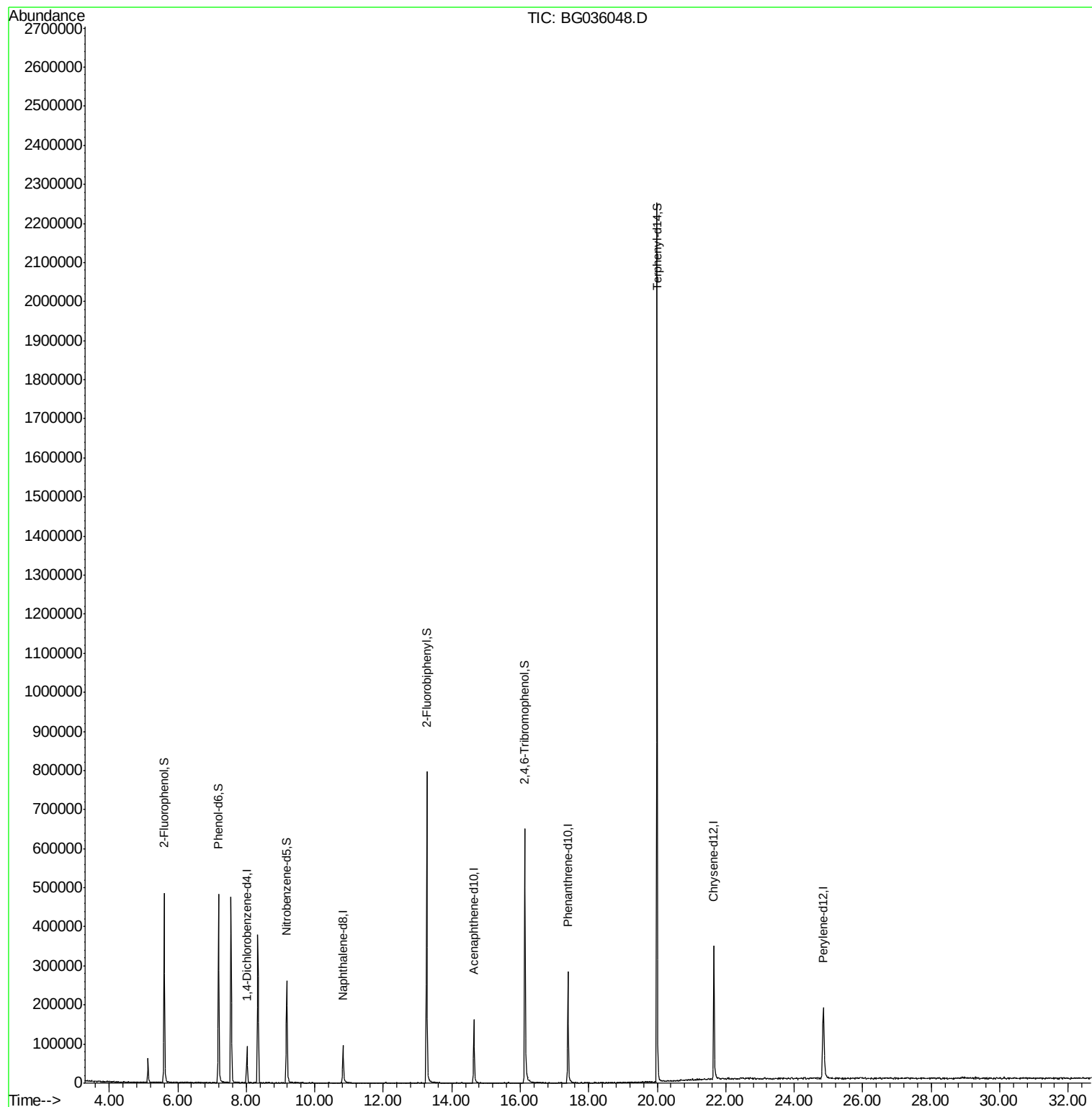
Target Compounds Qvalue

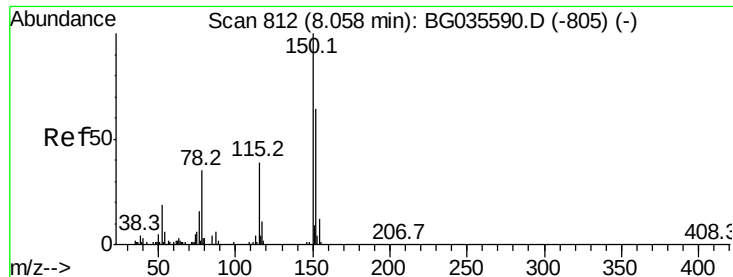
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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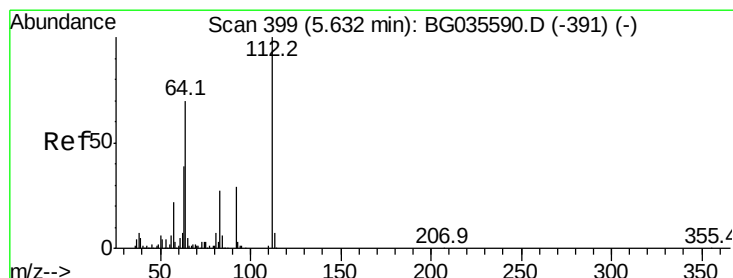
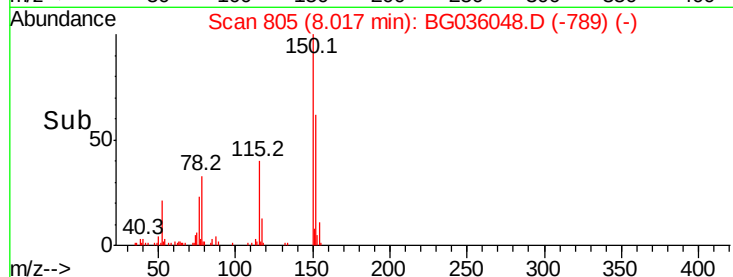
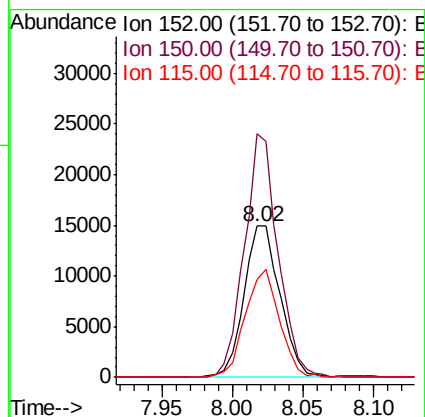
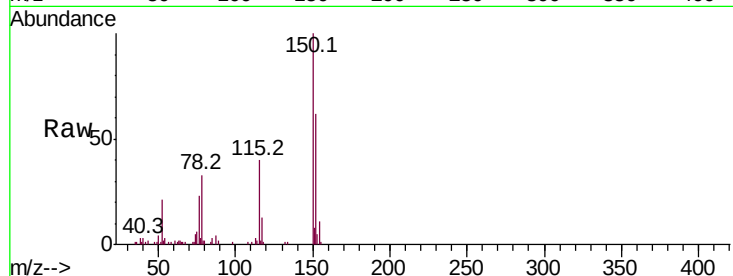


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.01 min
Lab File: BG036048.D
Acq: 2 Aug 2018 1:07

Instrument :
BNA_G
ClientSampleId :
PB111535BL

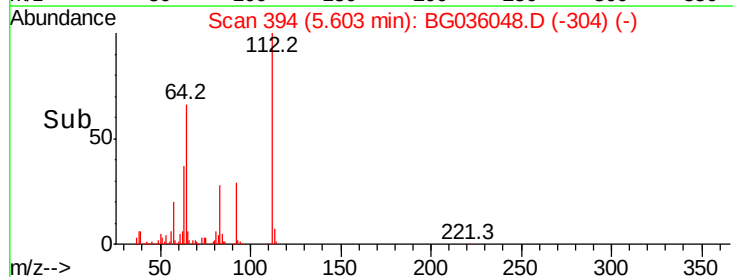
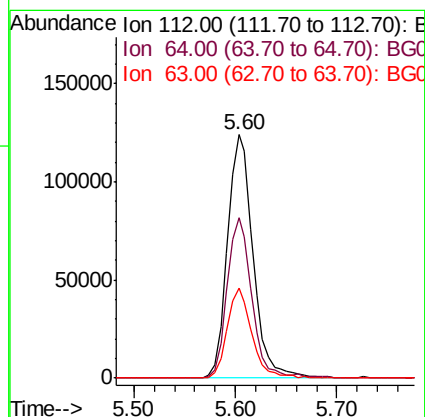
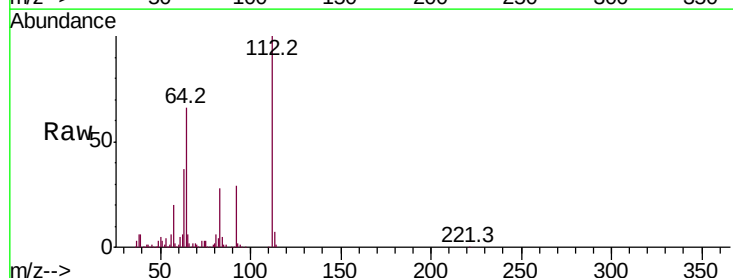
Tot Ion	152	Resp	26733
Ion	Ratio	Lower	Upper
152	100		
150	160.9	126.6	189.8
115	64.2	53.0	79.4

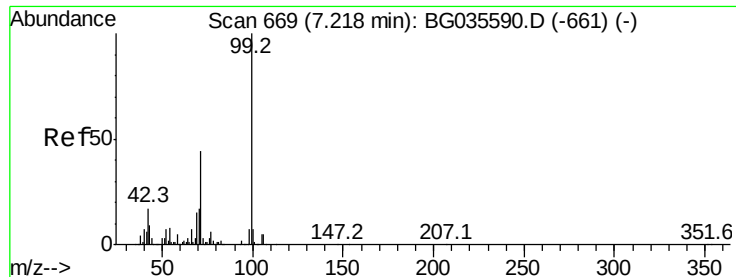


#5

2-Fluorophenol
Concen: 134.415 ng
RT: 5.60 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG036048.D
Acq: 2 Aug 2018 1:07

Tgt Ion	112	Resp	216434
Ion	Ratio	Lower	Upper
112	100		
64	65.9	56.3	84.5
63	37.1	30.1	45.1





#7

Phenol-d6

Concen: 125.556 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.01 min

Lab File: BG036048.D

Acq: 2 Aug 2018 1:07

Instrument :

BNA_G

ClientSampleId :

PB111535BL

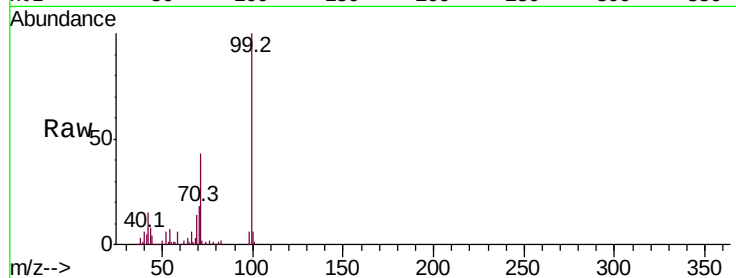
Tot Ion: 99 Resp: 301634

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

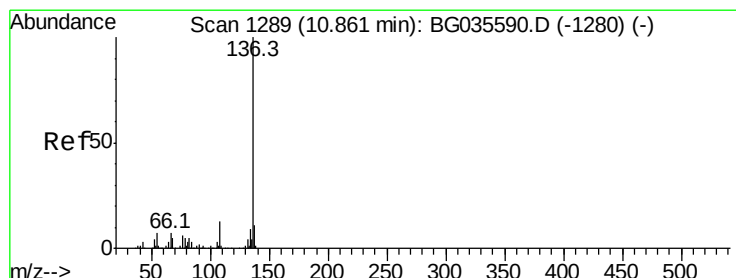
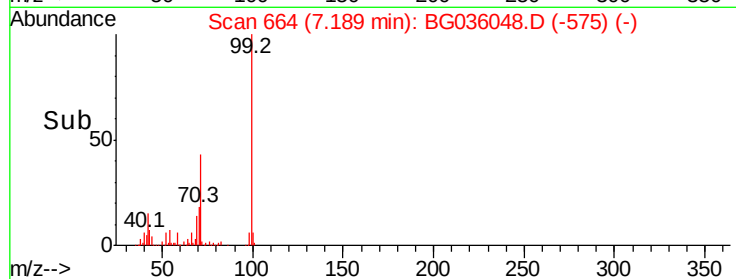
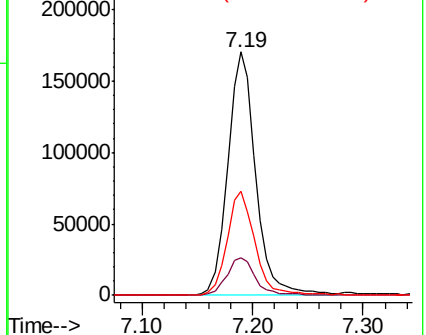
71 42.7 26.1 39.1#



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: 10.83 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG036048.D

Acq: 2 Aug 2018 1:07

Tgt Ion: 136 Resp: 95606

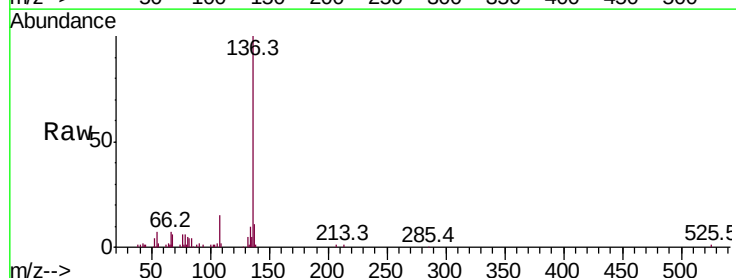
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 7.4 10.3 15.5#

68 5.6 4.5 6.7

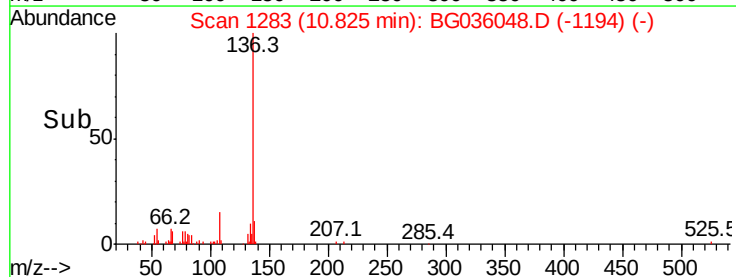
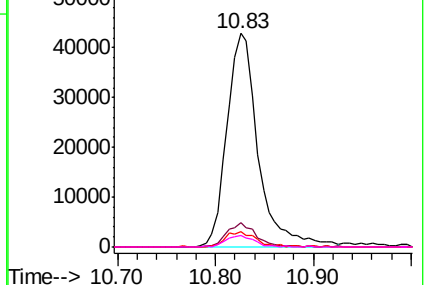


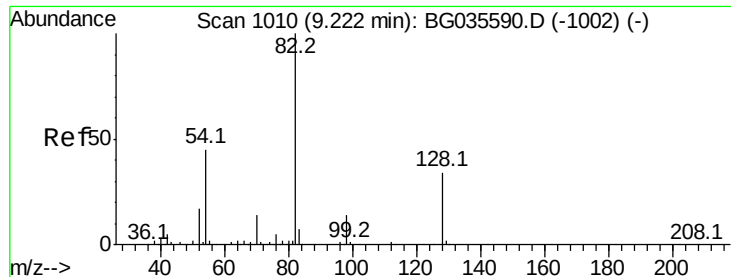
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

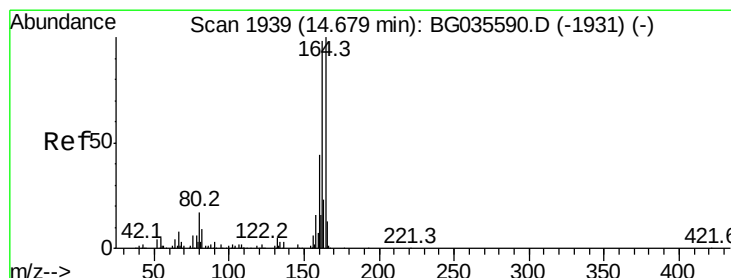
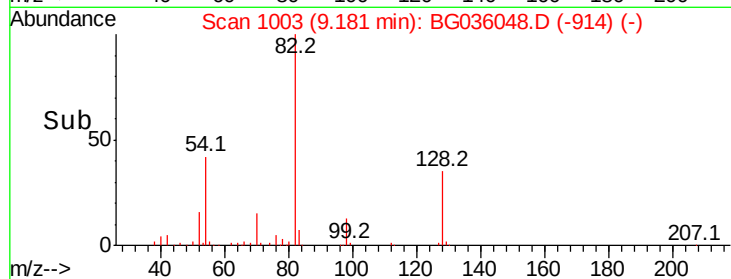
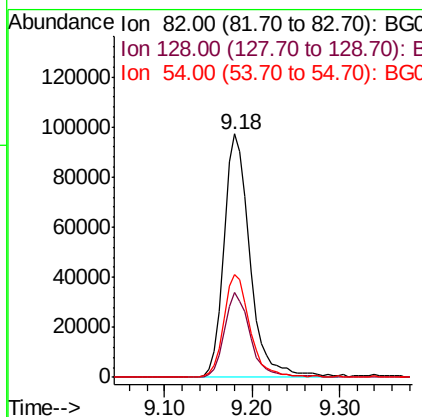
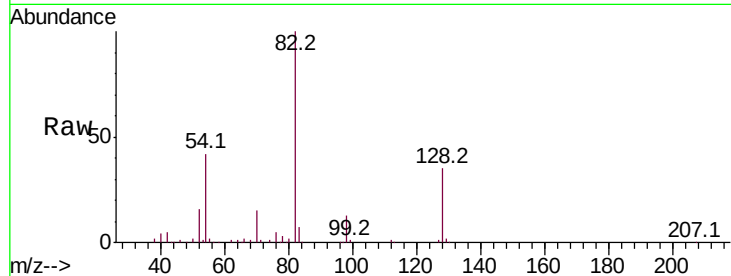




#23
 Nitrobenzene-d5
 Concen: 86.110 ng
 RT: 9.18 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG036048.D
 Acq: 2 Aug 2018 1:07

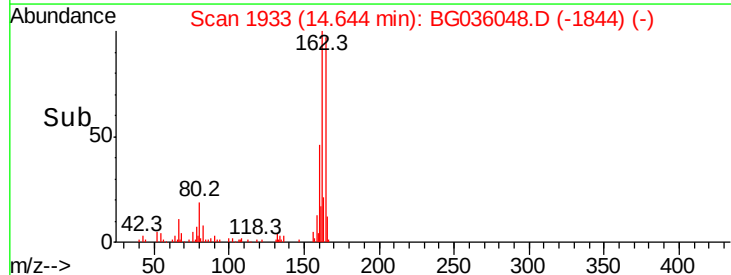
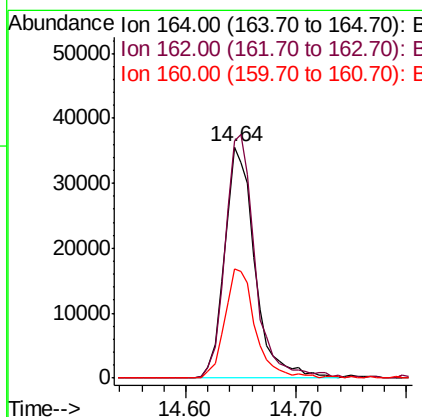
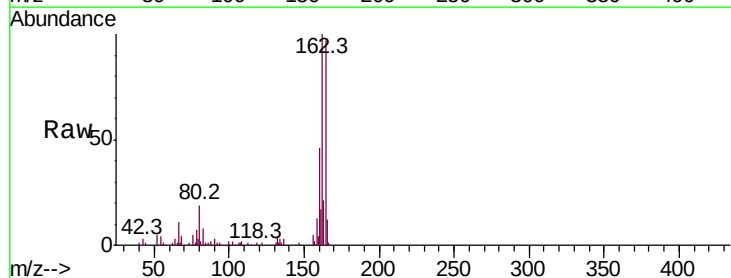
Instrument :
 BNA_G
 ClientSampleId :
 PB111535BL

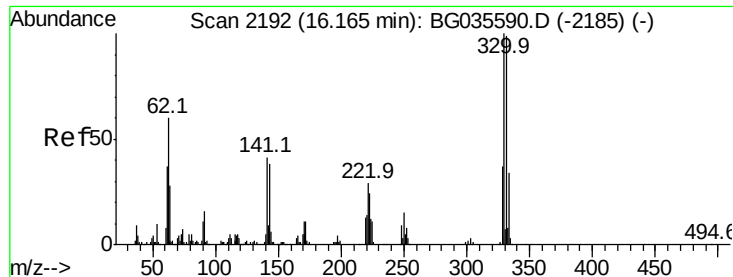
Tot Ion: 82 Resp: 197072
 Ion Ratio Lower Upper
 82 100
 128 34.7 29.7 44.5
 54 42.3 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1933
 Delta R.T. -0.01 min
 Lab File: BG036048.D
 Acq: 2 Aug 2018 1:07

Tgt Ion:164 Resp: 68365
 Ion Ratio Lower Upper
 164 100
 162 102.9 78.8 118.2
 160 47.1 35.4 53.0

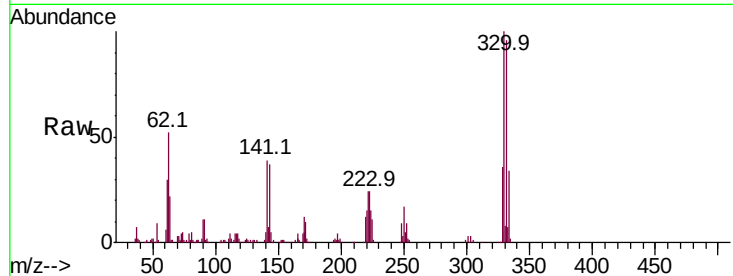




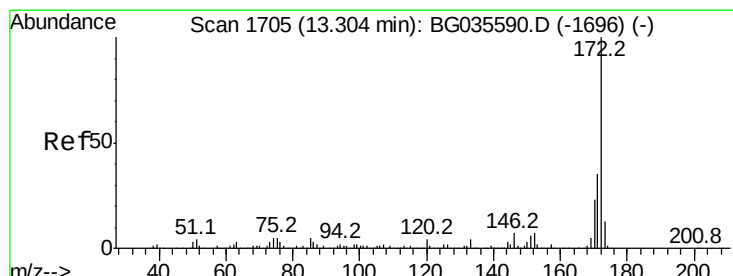
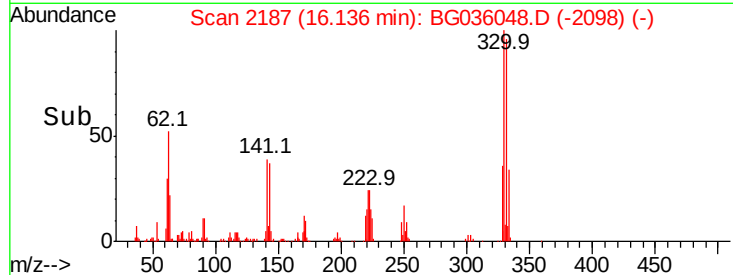
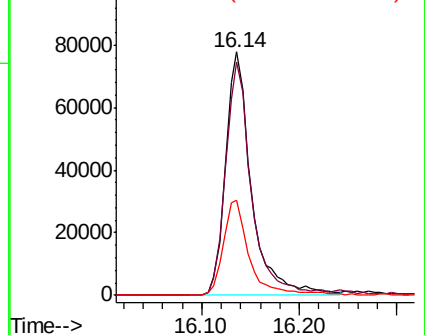
#41
2,4,6-Tribromophenol
Concen: 159.694 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG036048.D
Acq: 2 Aug 2018 1:07

Instrument :
BNA_G
ClientSampleId :
PB111535BL

Tot Ion:330 Resp: 143899
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 37.7 25.2 37.8

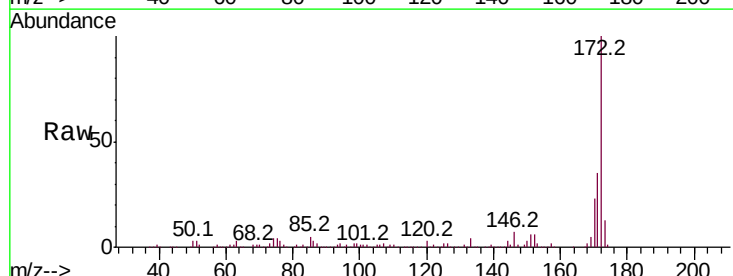


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

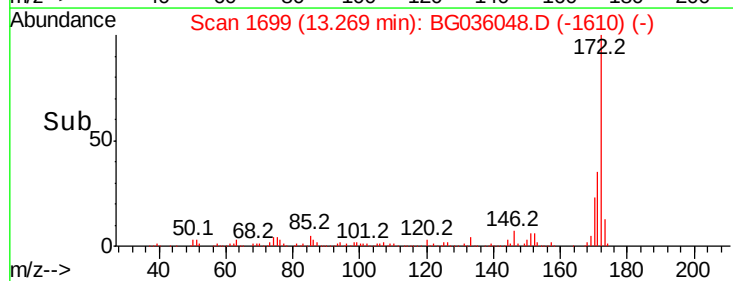
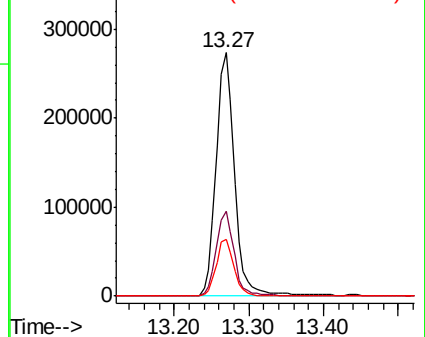


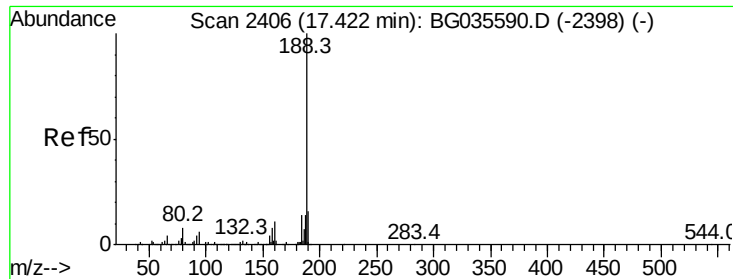
#44
2-Fluorobiphenyl
Concen: 91.896 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.01 min
Lab File: BG036048.D
Acq: 2 Aug 2018 1:07

Tgt Ion:172 Resp: 468930
Ion Ratio Lower Upper
172 100
171 34.9 30.0 45.0
170 23.1 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

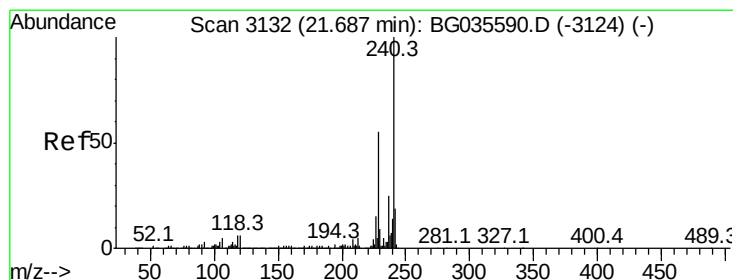
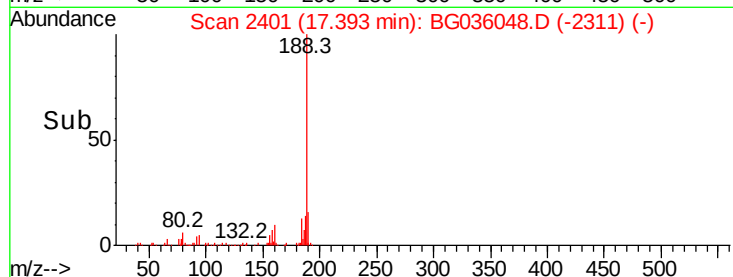
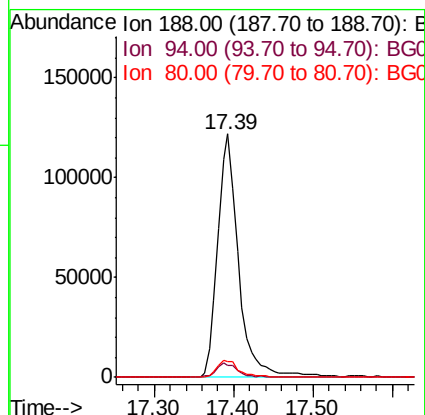
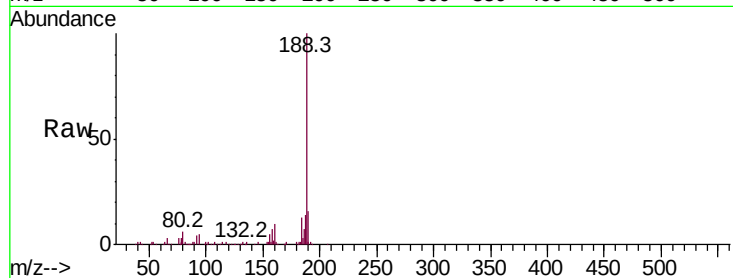




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BG036048.D
Acq: 2 Aug 2018 1:07

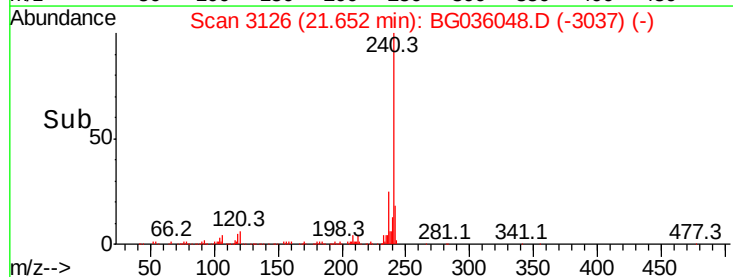
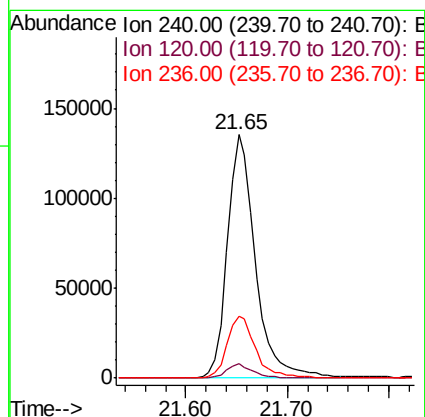
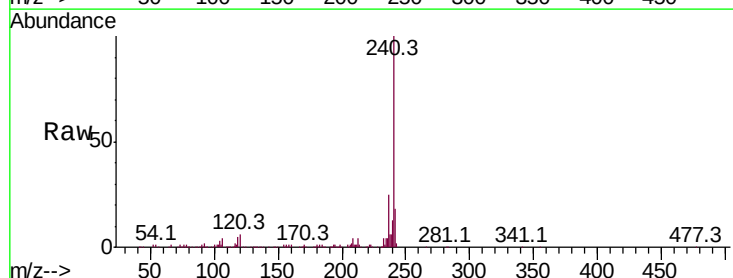
Instrument :
BNA_G
ClientSampleId :
PB111535BL

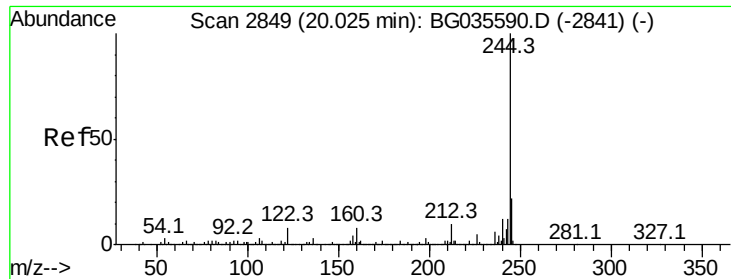
Tot Ion:188 Resp: 223360
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 6.3 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG036048.D
Acq: 2 Aug 2018 1:07

Tgt Ion:240 Resp: 259265
Ion Ratio Lower Upper
240 100
120 5.8 6.8 10.2#
236 25.3 20.9 31.3

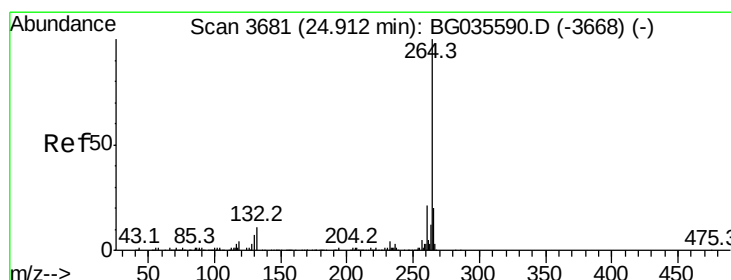
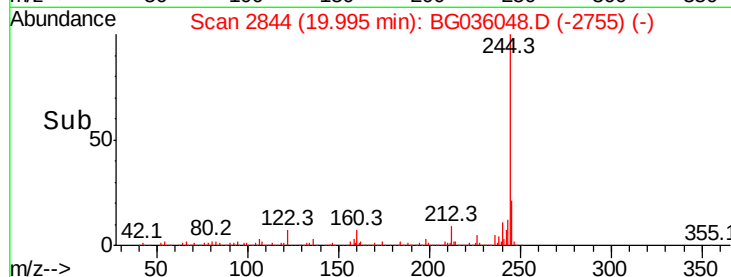
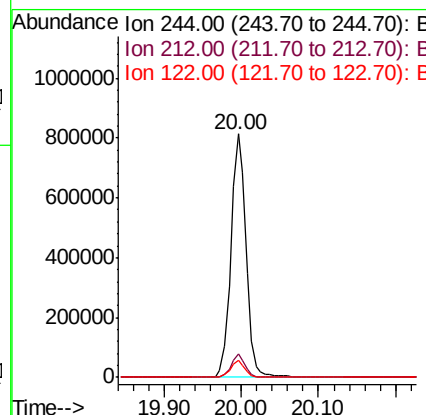
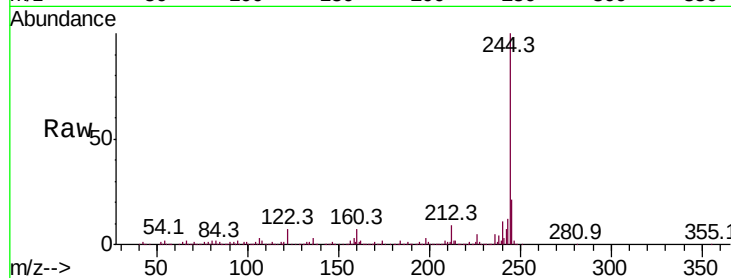




#78
 Terphenyl-d14
 Concen: 94.627 ng
 RT: 20.00 min Scan# 2844
 Delta R.T. -0.01 min
 Lab File: BG036048.D
 Acq: 2 Aug 2018 1:07

Instrument :
 BNA_G
 ClientSampled :
 PB111535BL

Tot Ion:244 Resp: 1112986
 Ion Ratio Lower Upper
 244 100
 212 9.5 5.8 8.8#
 122 6.9 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: BG036048.D
 Acq: 2 Aug 2018 1:07

Tgt Ion:264 Resp: 240392
 Ion Ratio Lower Upper
 264 100
 260 25.0 17.4 26.0
 265 21.0 17.7 26.5

