

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
 Data File : BG036365.D
 Acq On : 23 Aug 2018 5:42
 Operator : JU/SJ
 Sample : PB112219BL
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112219BL

Quant Time: Aug 23 12:41:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 23 12:07:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	49360	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	196665	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	126317	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	331297	20.00	ng	0.00
75) Chrysene-d12	21.71	240	394591	20.00	ng	0.00
86) Perylene-d12	24.93	264	400512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	326889	105.05	ng	0.00
7) Phenol-d6	7.22	99	455986	102.35	ng	0.00
23) Nitrobenzene-d5	9.23	82	400336	110.45	ng	0.00
41) 2,4,6-Tribromophenol	16.18	330	166149	110.23	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	934255	105.60	ng	0.00
78) Terphenyl-d14	20.05	244	1620695	96.00	ng	0.00

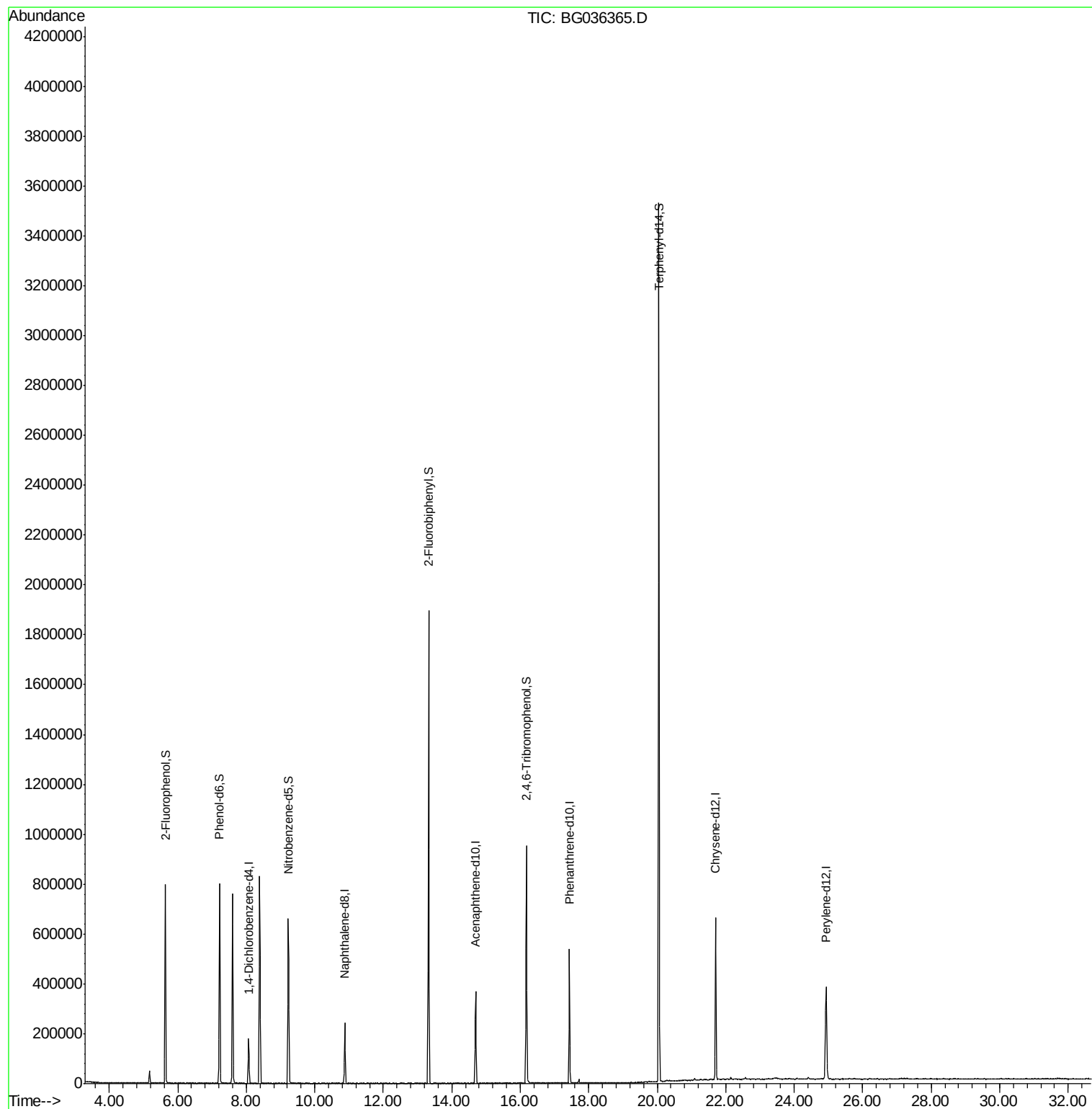
Target Compounds Qvalue

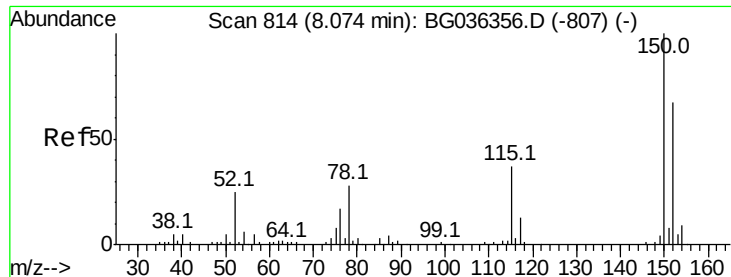
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082318\
Data File : BG036365.D
Acq On : 23 Aug 2018 5:42
Operator : JU/SJ
Sample : PB112219BL
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112219BL

Quant Time: Aug 23 12:41:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration



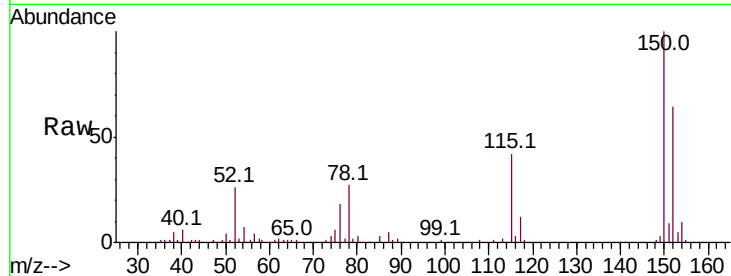


#1

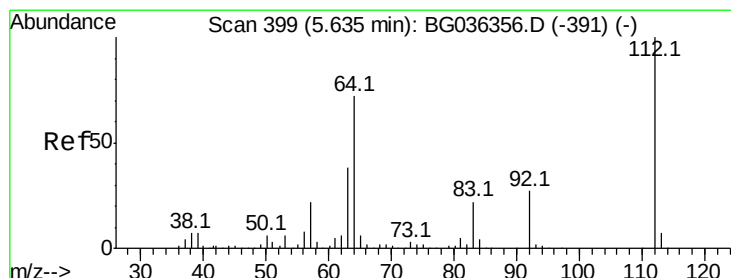
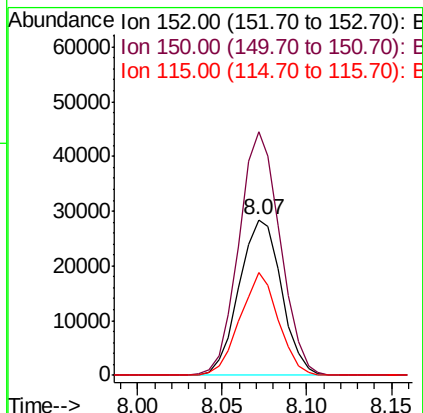
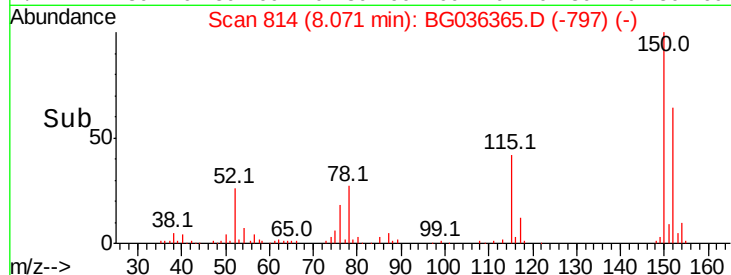
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG036365.D
Acq: 23 Aug 2018 5:42

Instrument :
BNA_G
ClientSampleId :
PB112219BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	119.5	179.3
115	66.3	44.5	66.7



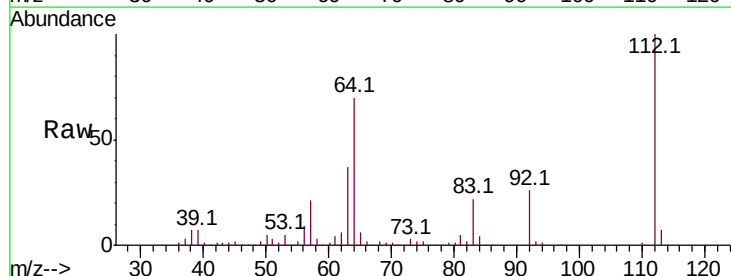
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



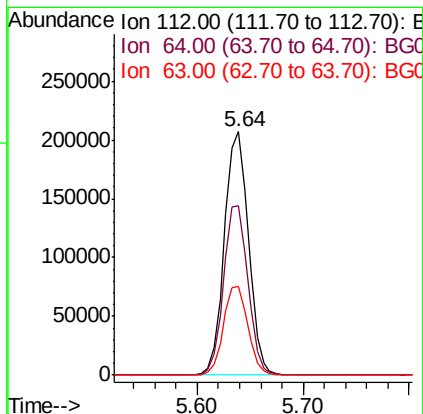
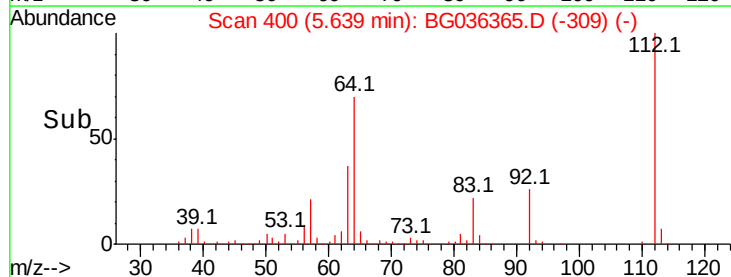
#5

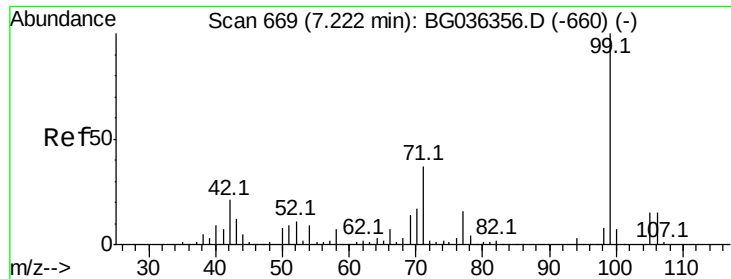
2-Fluorophenol
Concen: 105.053 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG036365.D
Acq: 23 Aug 2018 5:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.7	57.2	85.8
63	36.6	30.8	46.2



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: 102.351 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036365.D

Acq: 23 Aug 2018 5:42

Instrument :

BNA_G

ClientSampleId :

PB112219BL

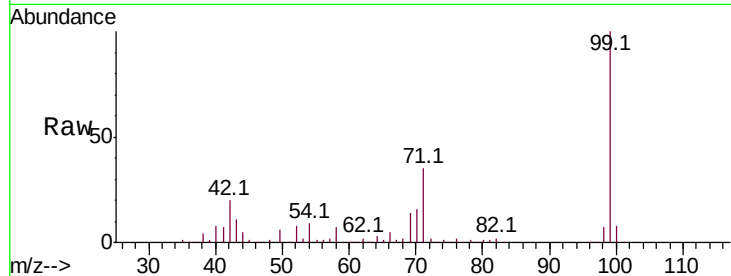
Tot Ion: 99 Resp: 455986

Ion Ratio Lower Upper

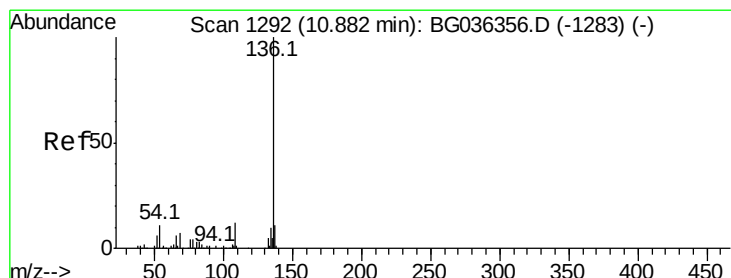
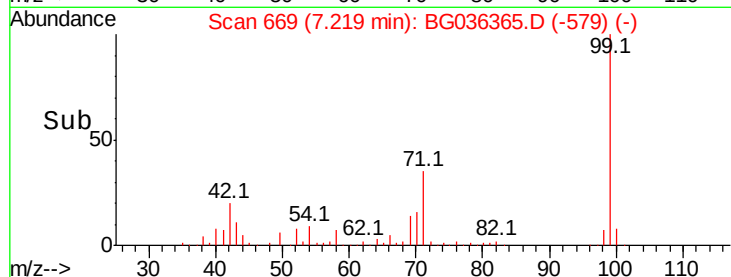
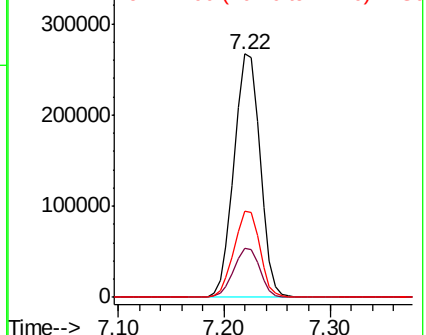
99 100

42 20.4 16.5 24.7

71 35.1 29.4 44.2



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: 10.88 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG036365.D

Acq: 23 Aug 2018 5:42

Tgt Ion: 136 Resp: 196665

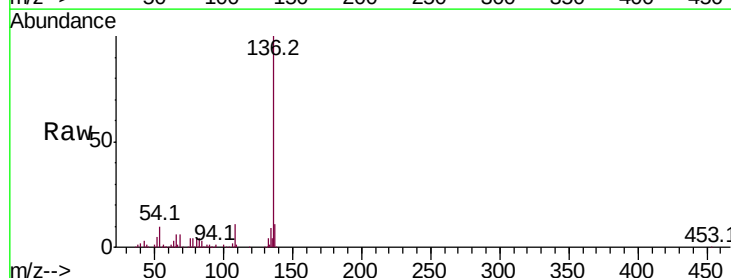
Ion Ratio Lower Upper

136 100

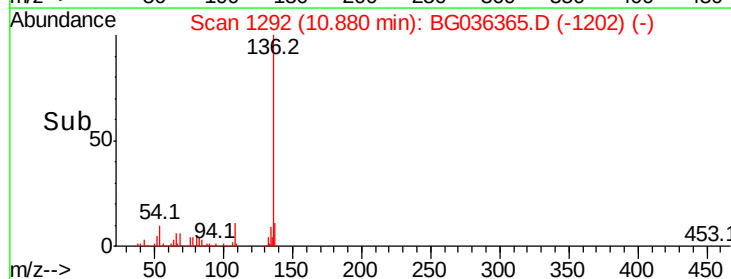
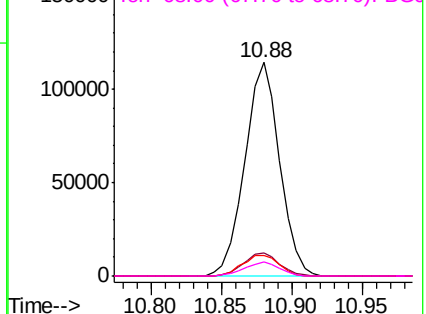
137 10.6 8.8 13.2

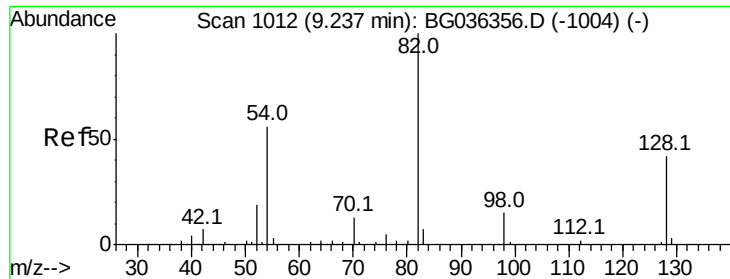
54 9.6 9.2 13.8

68 6.4 5.8 8.6



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

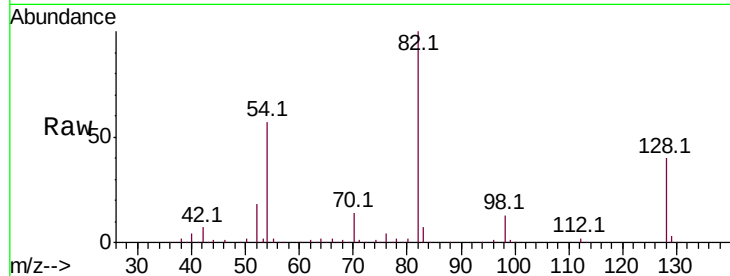




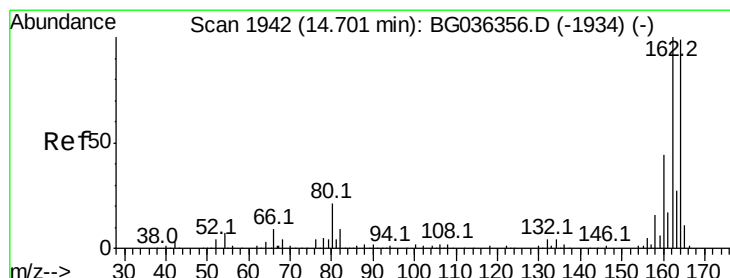
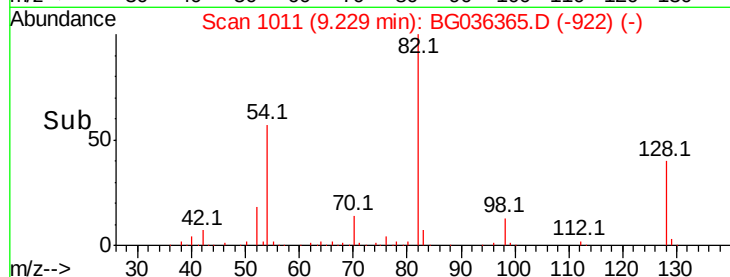
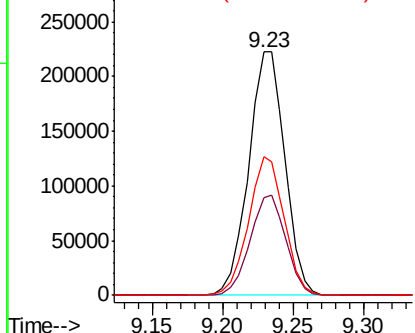
#23
Nitrobenzene-d5
Concen: 110.446 ng
RT: 9.23 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BG036365.D
Acq: 23 Aug 2018 5:42

Instrument :
BNA_G
ClientSampleId :
PB112219BL

Tot Ion	82	Resp	400336
Ion Ratio	Lower	Upper	
82	100		
128	40.3	33.3	49.9
54	56.8	45.1	67.7

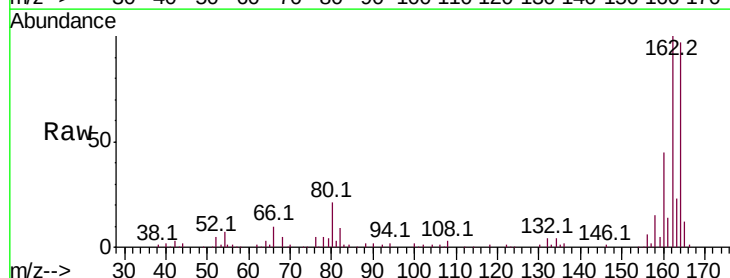


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

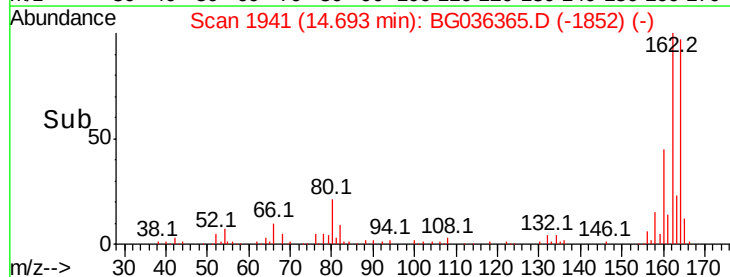
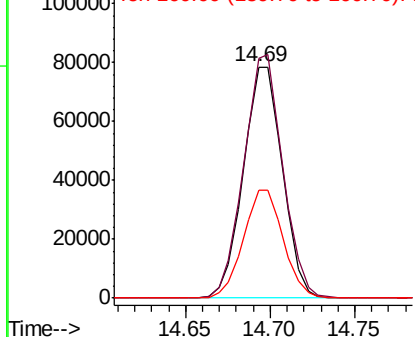


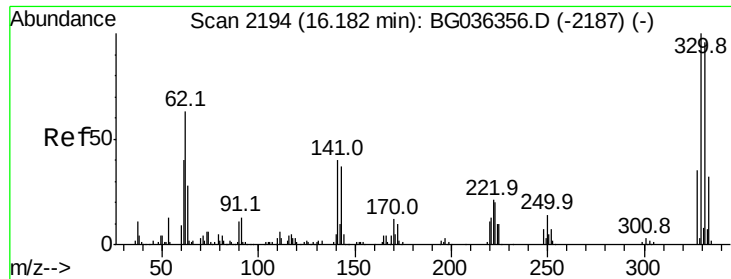
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BG036365.D
Acq: 23 Aug 2018 5:42

Tgt Ion	164	Resp	126317
Ion Ratio	Lower	Upper	
164	100		
162	103.4	80.7	121.1
160	46.8	35.3	52.9



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: 110.234 ng

RT: 16.18 min Scan# 2194

Delta R.T. -0.00 min

Lab File: BG036365.D

Acq: 23 Aug 2018 5:42

Instrument :

BNA_G

ClientSampleId :

PB112219BL

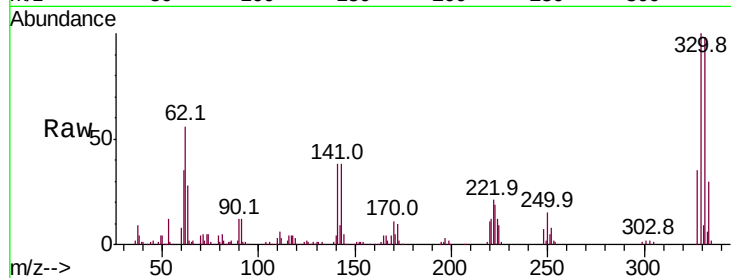
Tot Ion:330 Resp: 166149

Ion Ratio Lower Upper

330 100

332 96.3 75.4 113.2

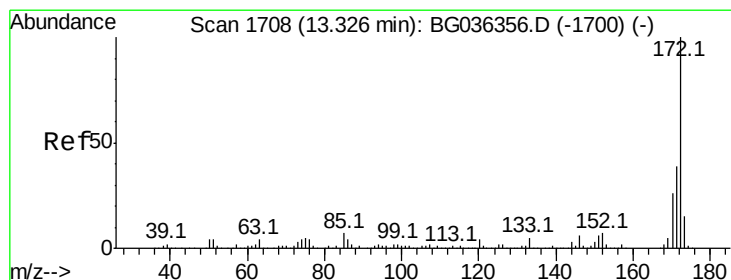
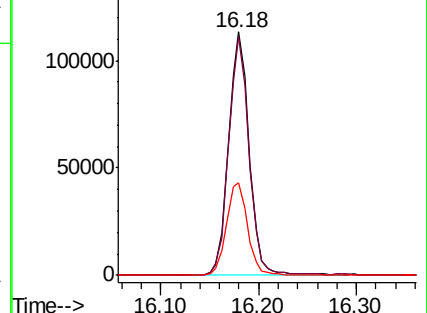
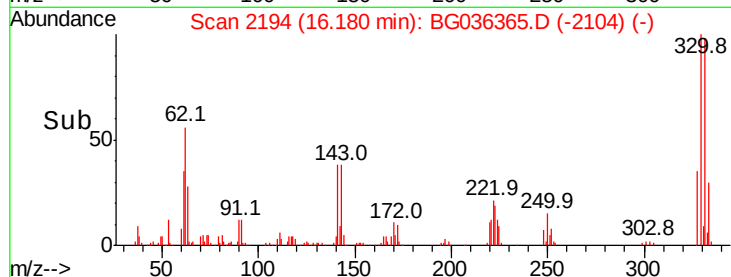
141 39.2 30.7 46.1



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: 105.603 ng

RT: 13.32 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BG036365.D

Acq: 23 Aug 2018 5:42

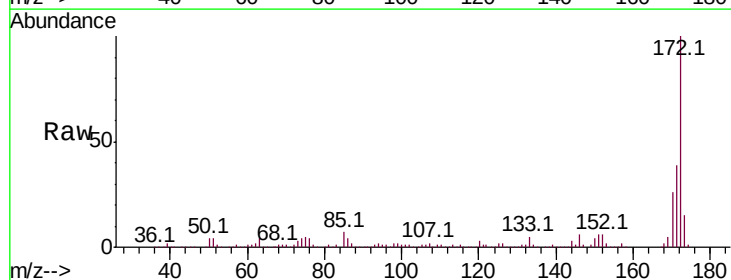
Tgt Ion:172 Resp: 934255

Ion Ratio Lower Upper

172 100

171 39.4 31.3 46.9

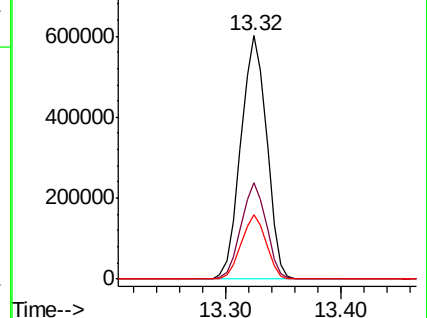
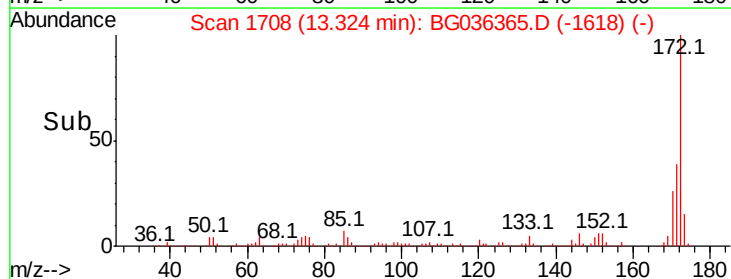
170 26.3 21.0 31.6

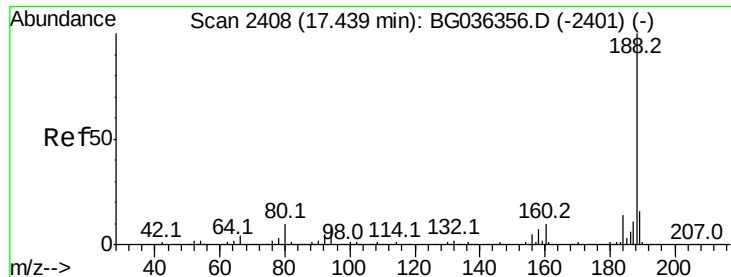


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.44 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BG036365.D

Acq: 23 Aug 2018 5:42

Instrument :

BNA_G

ClientSampleId :

PB112219BL

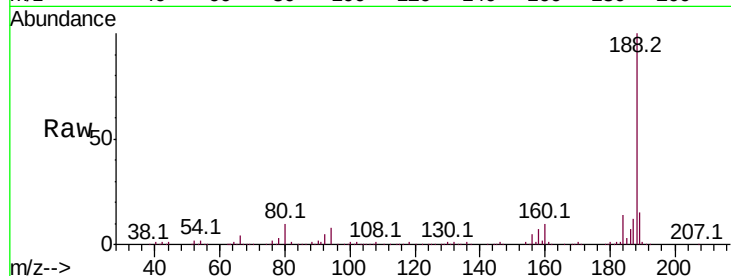
Tot Ion:188 Resp: 331297

Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

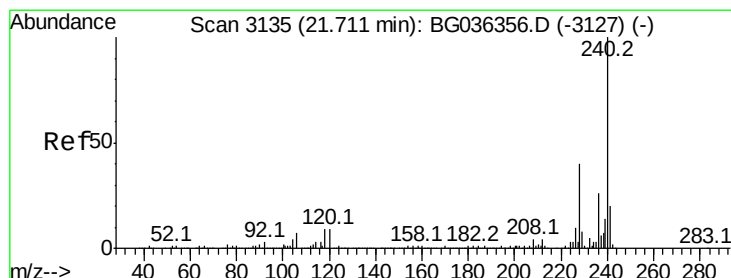
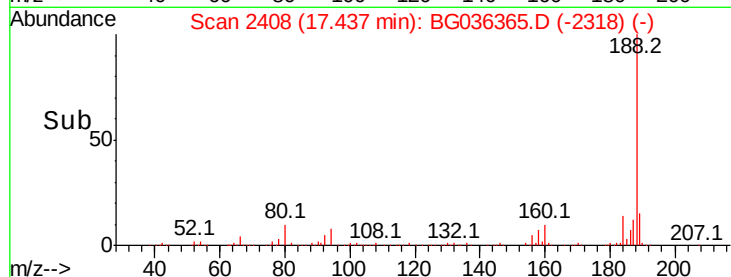
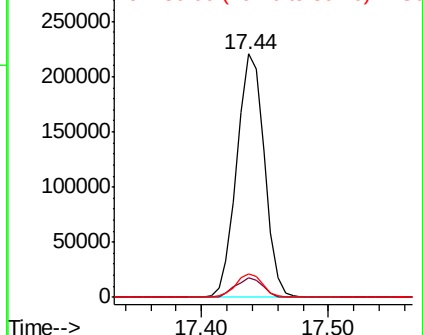
80 9.8 8.1 12.1



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3135

Delta R.T. -0.00 min

Lab File: BG036365.D

Acq: 23 Aug 2018 5:42

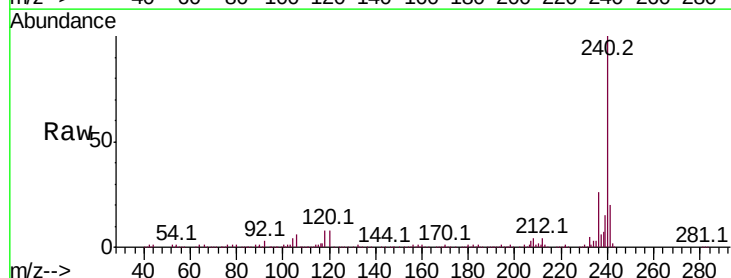
Tgt Ion:240 Resp: 394591

Ion Ratio Lower Upper

240 100

120 8.4 6.9 10.3

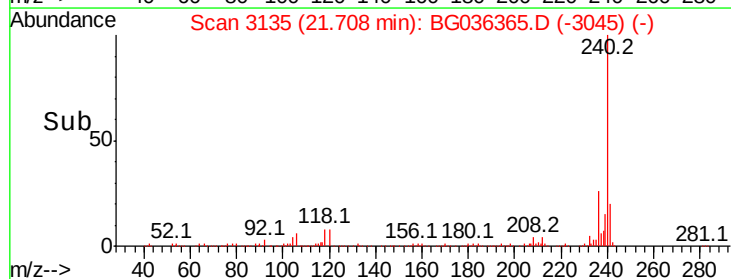
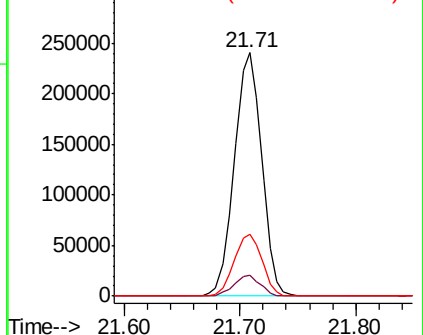
236 25.7 21.2 31.8

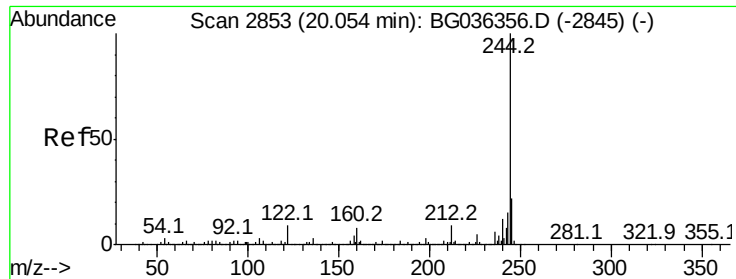


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.001 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG036365.D

Acq: 23 Aug 2018 5:42

Instrument :

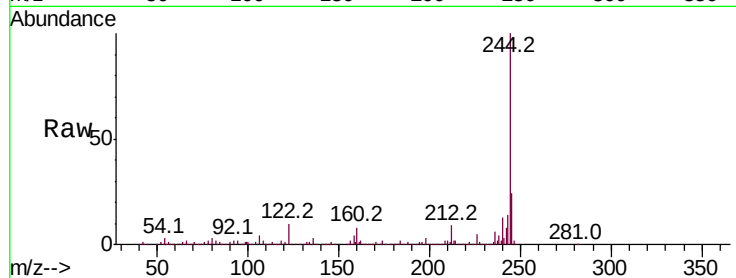
BNA_G

ClientSampleId :

PB112219BL

Tot Ion:244 Resp: 1620695

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.0	10.6
122	9.7	7.1	10.7

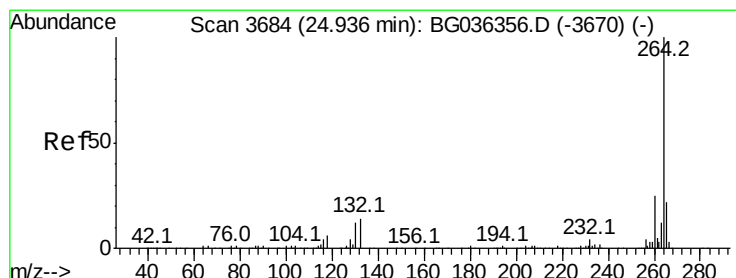
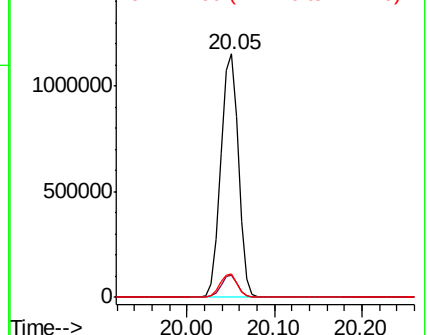
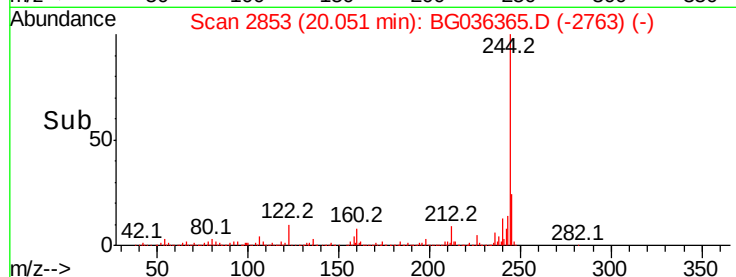


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3683

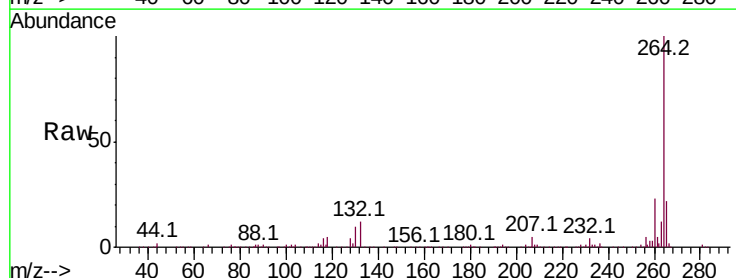
Delta R.T. -0.01 min

Lab File: BG036365.D

Acq: 23 Aug 2018 5:42

Tgt Ion:264 Resp: 400512

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.6	29.4
265	22.4	17.4	26.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

