

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
 Data File : BG036414.D
 Acq On : 24 Aug 2018 15:03
 Operator : JU/SJ
 Sample : PB112252TB
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112252TB

Quant Time: Aug 24 16:15:39 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	54916	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	228886	20.00	ng	0.00
38) Acenaphthene-d10	14.69	164	150251	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	389438	20.00	ng	0.00
75) Chrysene-d12	21.70	240	432265	20.00	ng	-0.01
86) Perylene-d12	24.92	264	430302	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	381066	110.07	ng	0.00
7) Phenol-d6	7.22	99	522575	105.43	ng	0.00
23) Nitrobenzene-d5	9.23	82	308573	73.15	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	203399	113.45	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	745181	70.81	ng	0.00
78) Terphenyl-d14	20.04	244	1352678	73.14	ng	-0.01

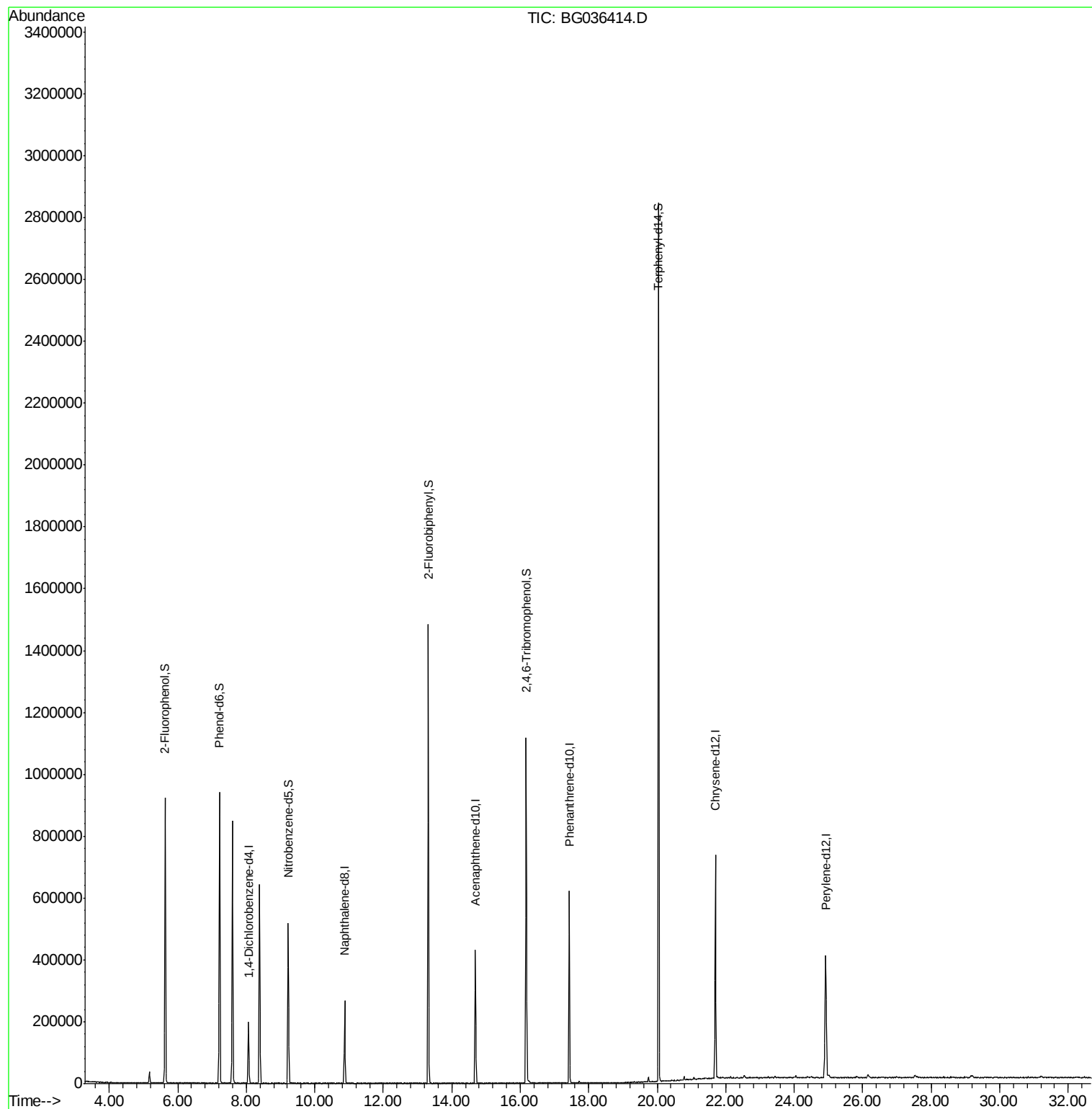
Target Compounds Qvalue

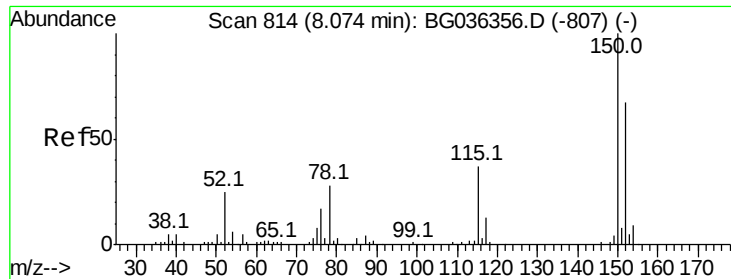
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082418\
Data File : BG036414.D
Acq On : 24 Aug 2018 15:03
Operator : JU/SJ
Sample : PB112252TB
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112252TB

Quant Time: Aug 24 16:15:39 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: BG036414.D

Acq: 24 Aug 2018 15:03

Instrument :

BNA_G

ClientSampleId :

PB112252TB

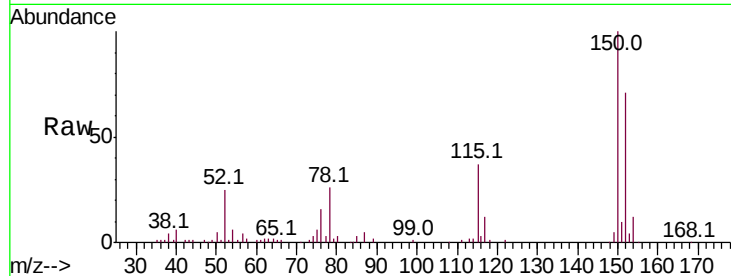
Tot Ion:152 Resp: 54916

Ion Ratio Lower Upper

152 100

150 140.6 119.5 179.3

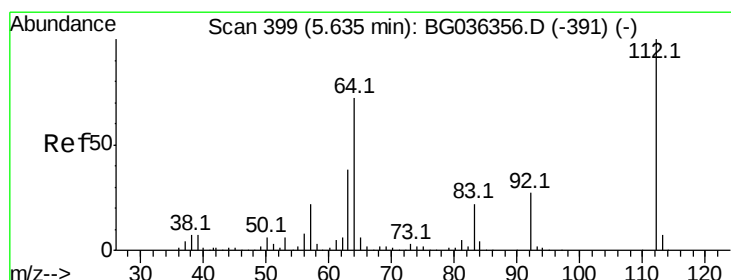
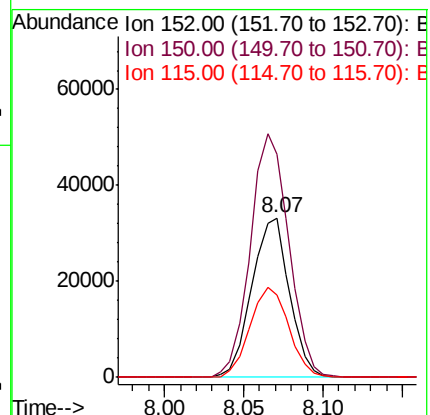
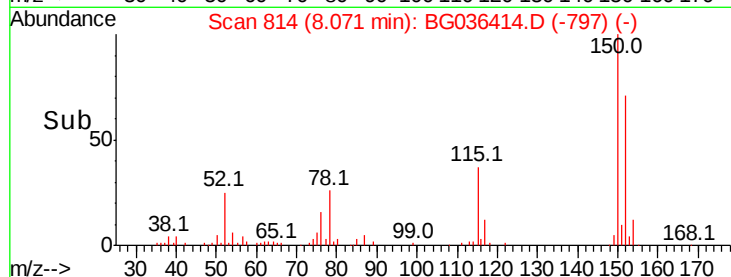
115 51.7 44.5 66.7



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: 110.074 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

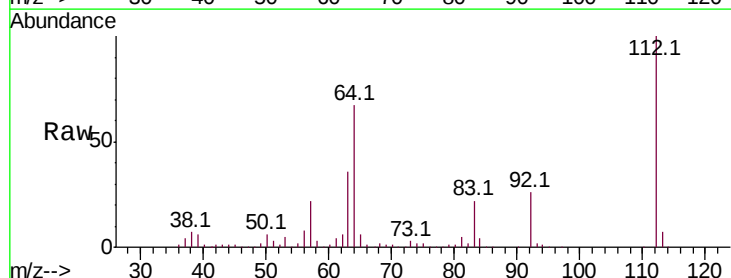
Tgt Ion:112 Resp: 381066

Ion Ratio Lower Upper

112 100

64 67.2 57.2 85.8

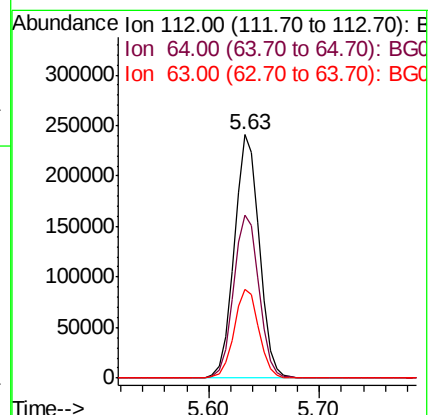
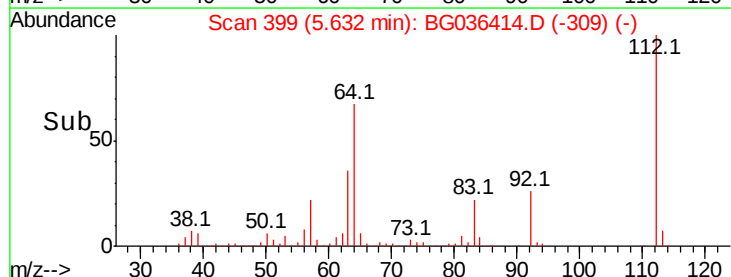
63 36.2 30.8 46.2

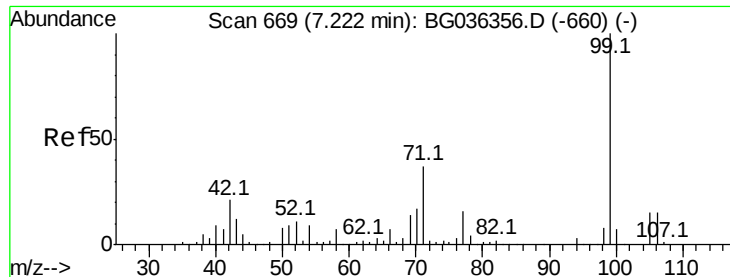


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 105.430 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

Instrument :

BNA_G

ClientSampleId :

PB112252TB

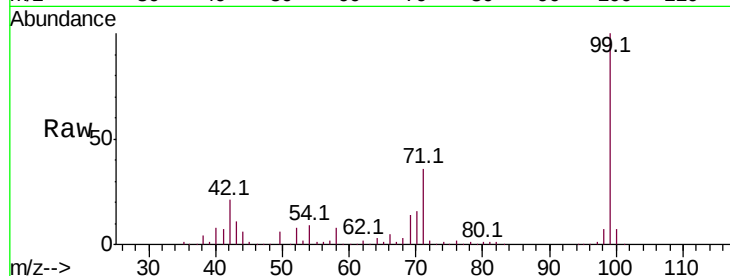
Tot Ion: 99 Resp: 522575

Ion Ratio Lower Upper

99 100

42 20.9 16.5 24.7

71 36.2 29.4 44.2

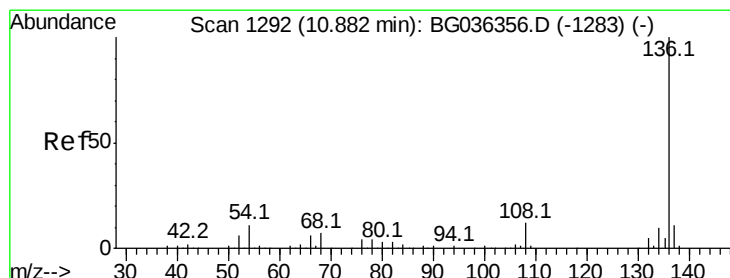
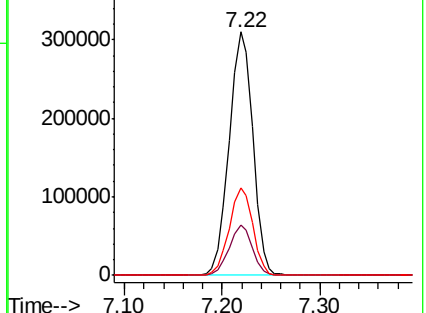
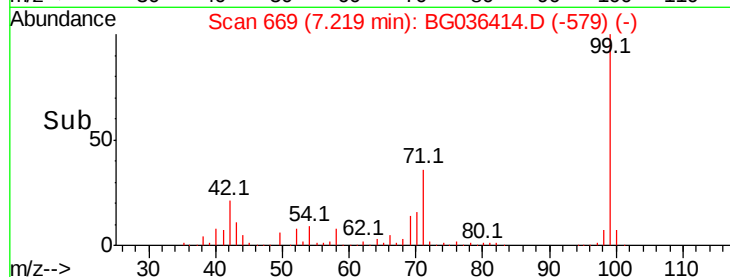


Abundance

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: 10.87 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

Tgt Ion: 136 Resp: 228886

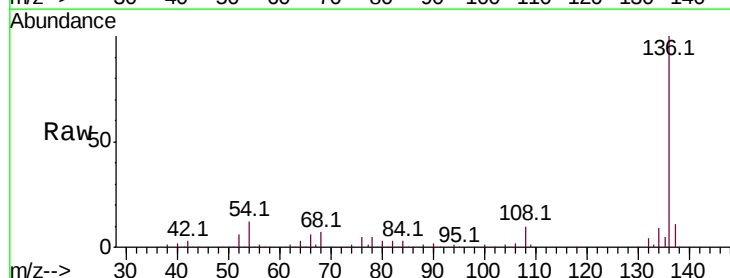
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 11.6 9.2 13.8

68 7.0 5.8 8.6



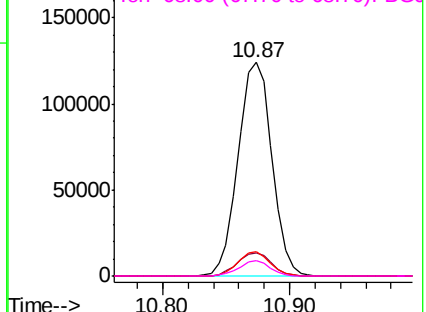
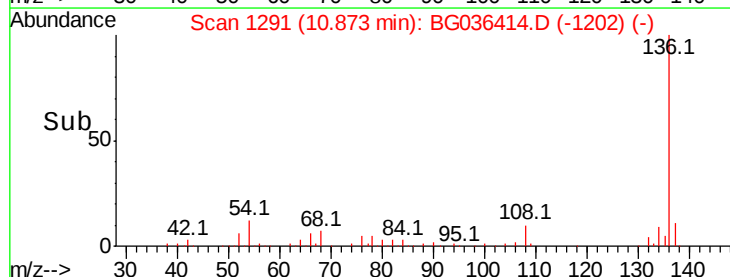
Abundance

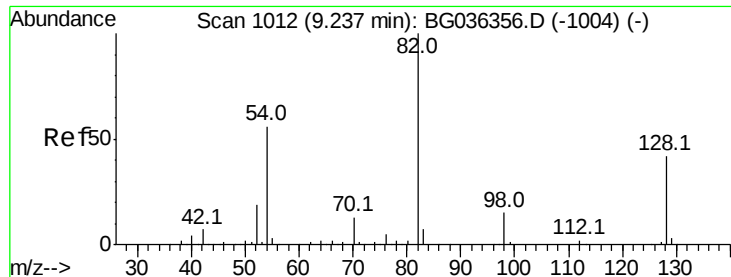
Ion 136.00 (135.70 to 136.70): BGC

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: 73.146 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

Instrument :

BNA_G

ClientSampleId :

PB112252TB

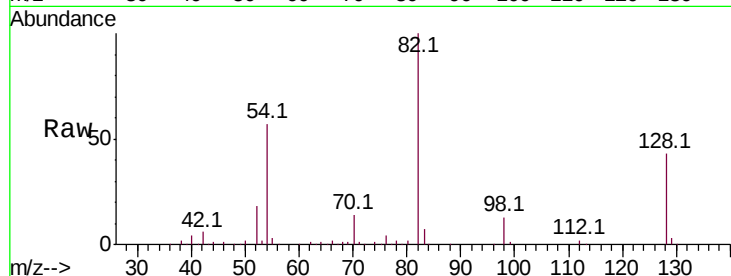
Tot Ion: 82 Resp: 308573

Ion Ratio Lower Upper

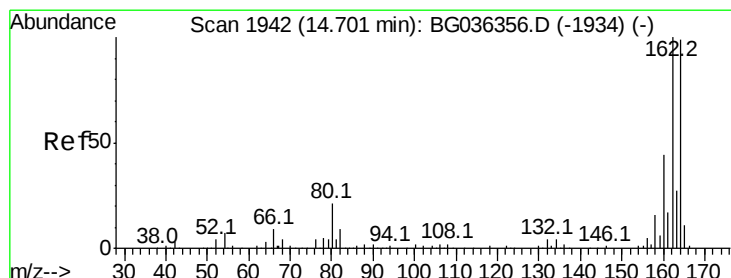
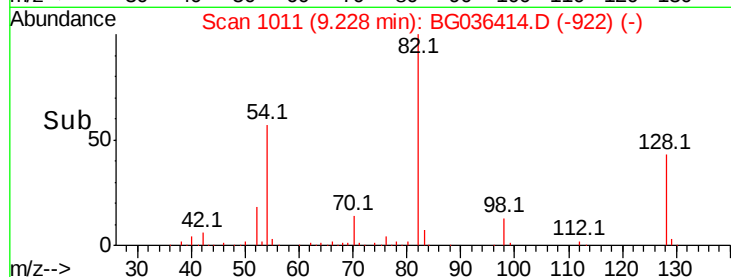
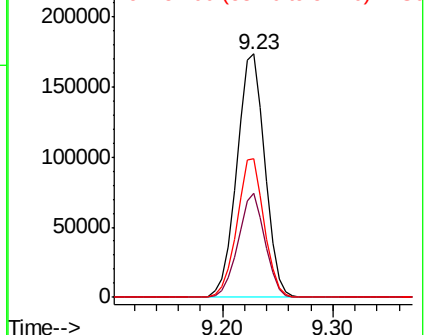
82 100

128 42.8 33.3 49.9

54 57.0 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: BG036414.D

Acq: 24 Aug 2018 15:03

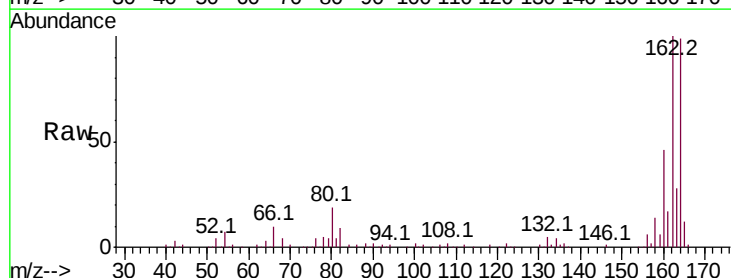
Tgt Ion:164 Resp: 150251

Ion Ratio Lower Upper

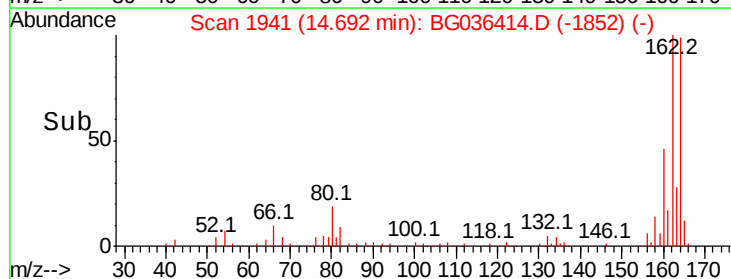
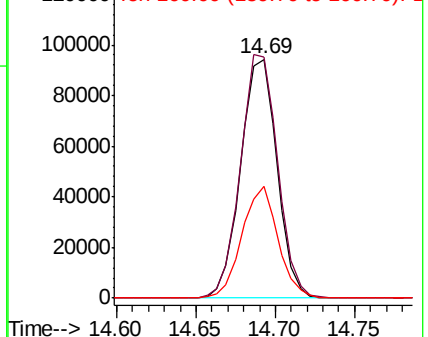
164 100

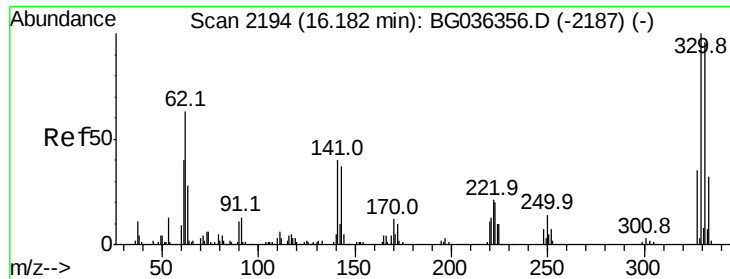
162 101.0 80.7 121.1

160 46.9 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

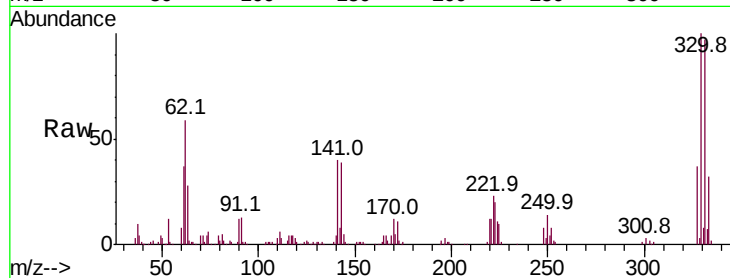




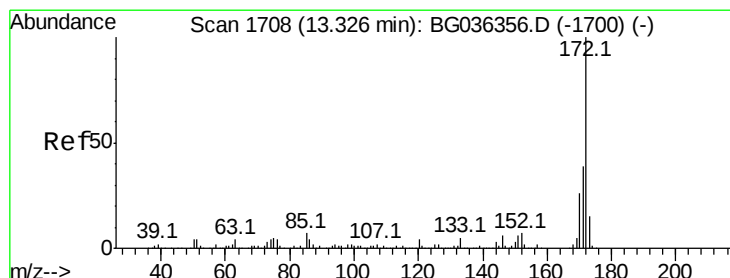
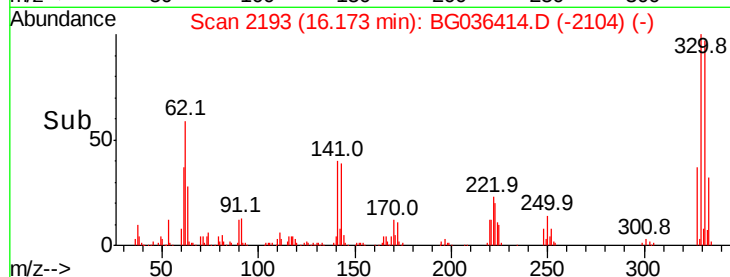
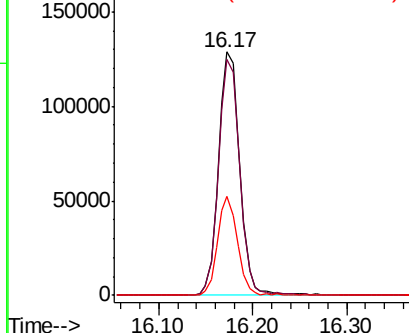
#41
 2,4,6-Tribromophenol
 Concen: 113.451 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG036414.D
 Acq: 24 Aug 2018 15:03

Instrument :
 BNA_G
 ClientSampleId :
 PB112252TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	75.4	113.2
141	38.8	30.7	46.1

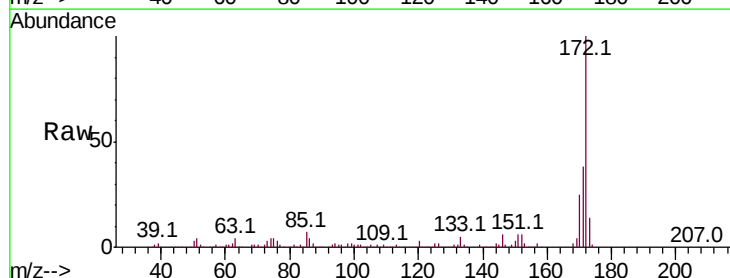


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

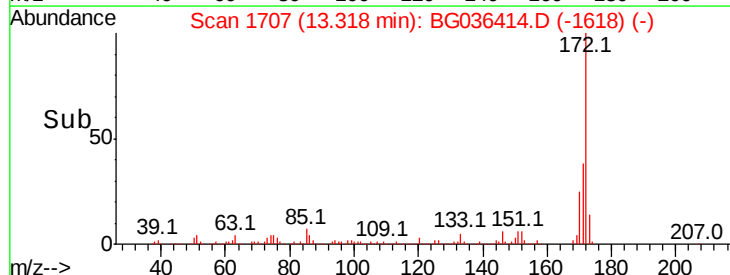
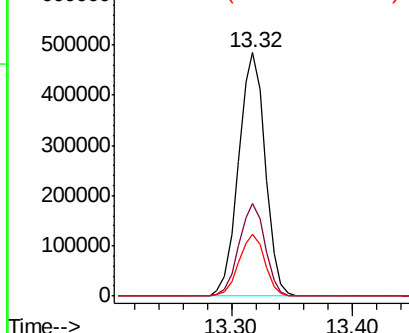


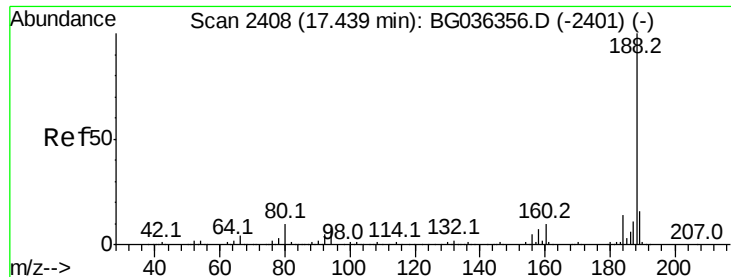
#44
 2-Fluorobiphenyl
 Concen: 70.814 ng
 RT: 13.32 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BG036414.D
 Acq: 24 Aug 2018 15:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.3	46.9
170	25.2	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

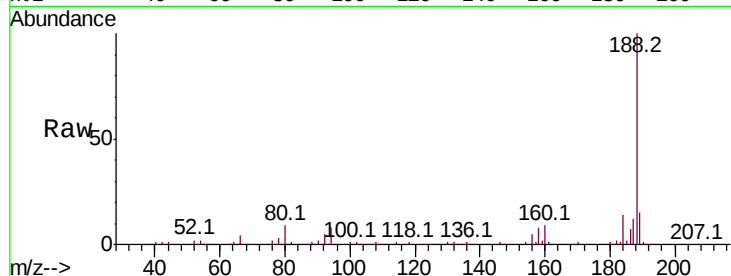




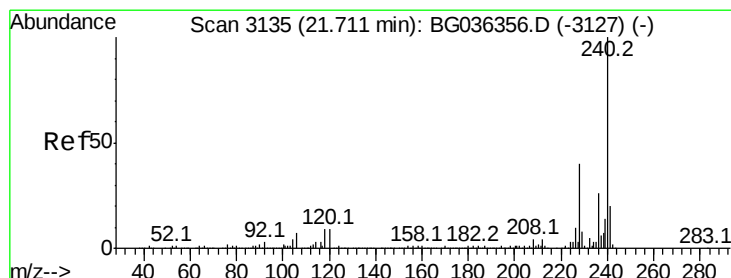
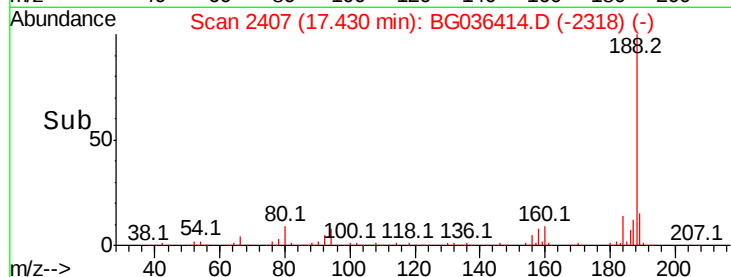
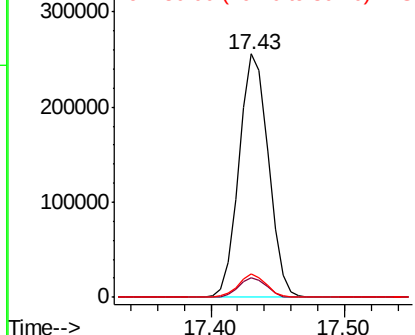
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG036414.D
Acq: 24 Aug 2018 15:03

Instrument :
BNA_G
ClientSampleId :
PB112252TB

Tot Ion:188 Resp: 389438
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 9.4 8.1 12.1

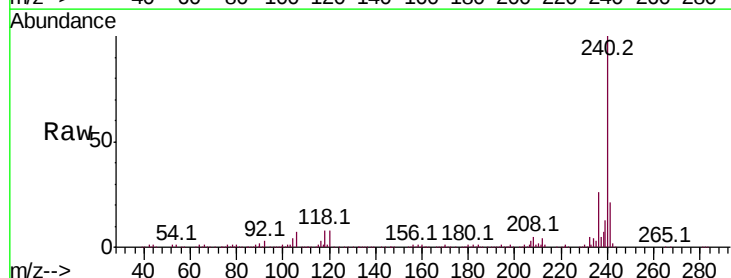


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

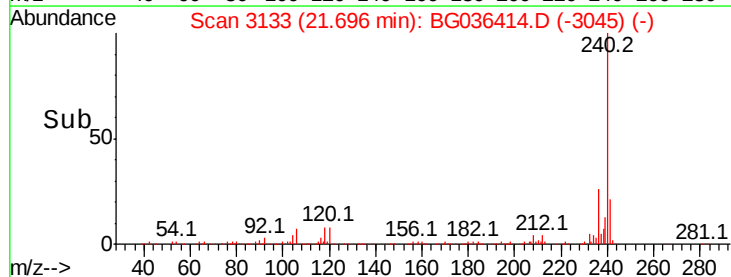
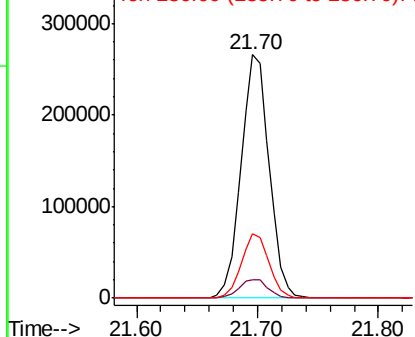


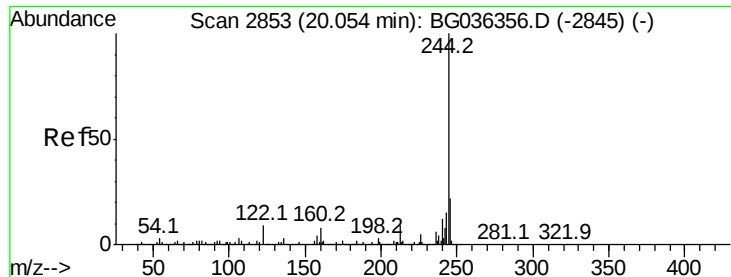
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BG036414.D
Acq: 24 Aug 2018 15:03

Tgt Ion:240 Resp: 432265
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 26.2 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: 73.142 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

Instrument :

BNA_G

ClientSampleId :

PB112252TB

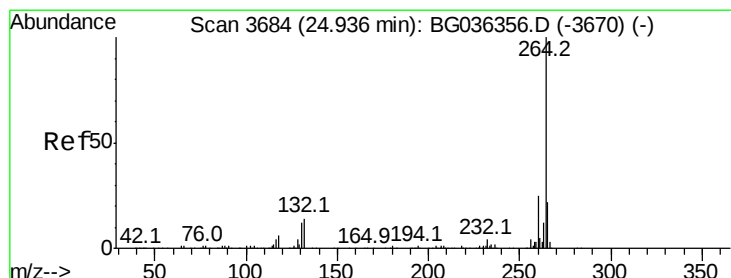
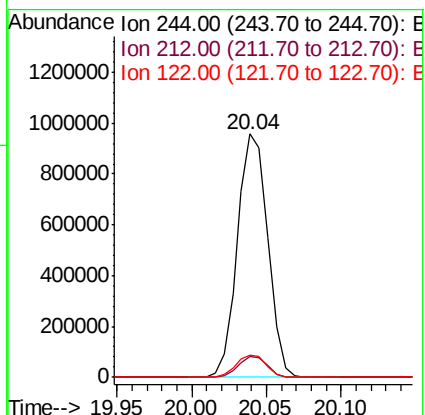
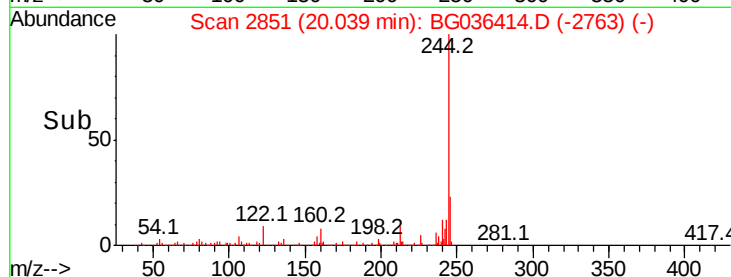
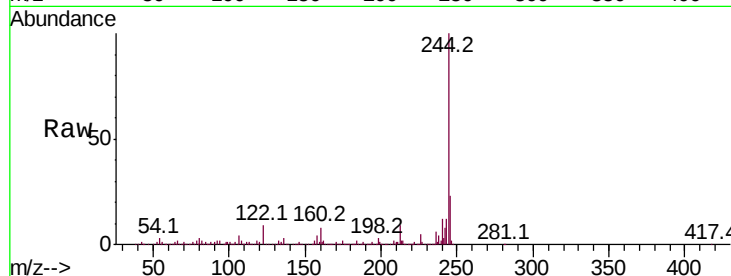
Tot Ion:244 Resp: 1352678

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

122 9.4 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.02 min

Lab File: BG036414.D

Acq: 24 Aug 2018 15:03

Tgt Ion:264 Resp: 430302

Ion Ratio Lower Upper

264 100

260 24.5 19.6 29.4

265 21.8 17.4 26.0

