

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036596.D
 Acq On : 7 Sep 2018 14:25
 Operator : JU/SJ
 Sample : PB112677BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112677BL

Quant Time: Sep 07 17:08:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	56225	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	247460	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	176222	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	447611	20.00	ng	0.00
75) Chrysene-d12	21.69	240	468951	20.00	ng	0.00
86) Perylene-d12	24.90	264	422202	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	426842	120.43	ng	0.00
7) Phenol-d6	7.21	99	614710	121.13	ng	0.00
23) Nitrobenzene-d5	9.22	82	374342	82.08	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	253980	120.79	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	940231	76.18	ng	0.00
78) Terphenyl-d14	20.03	244	1552666	77.39	ng	0.00

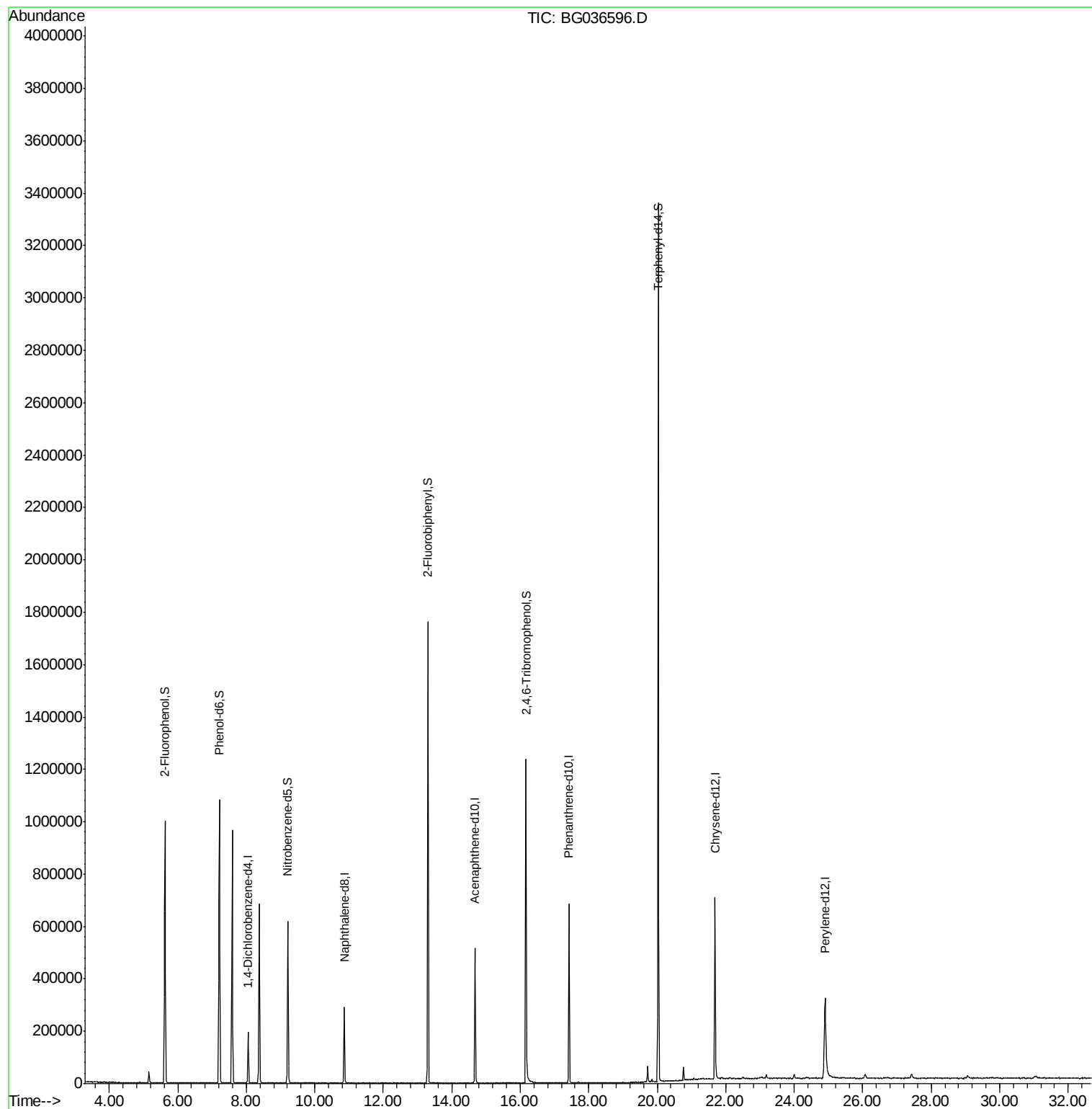
Target Compounds Qvalue

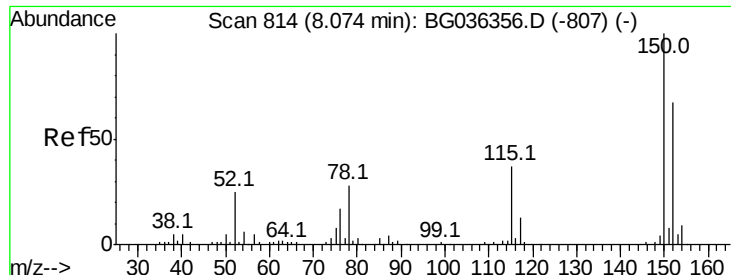
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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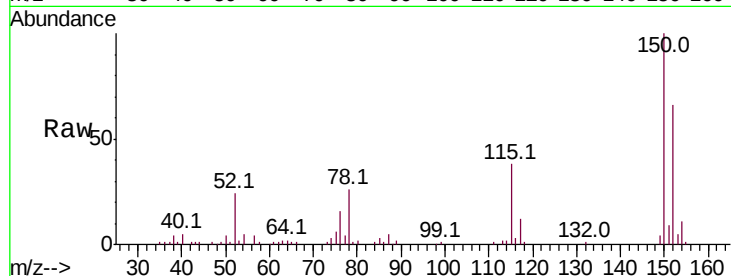


#1

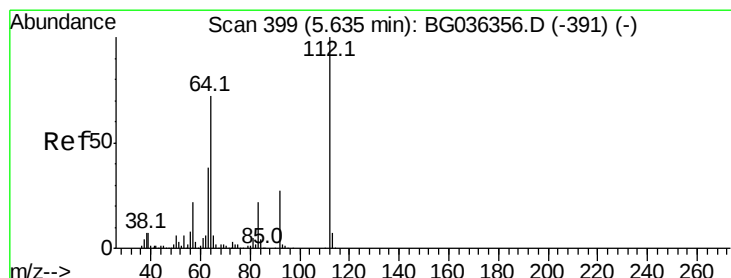
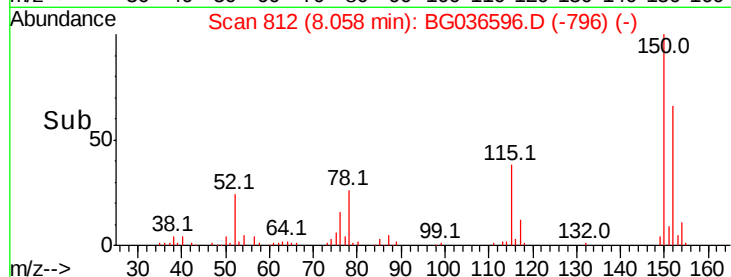
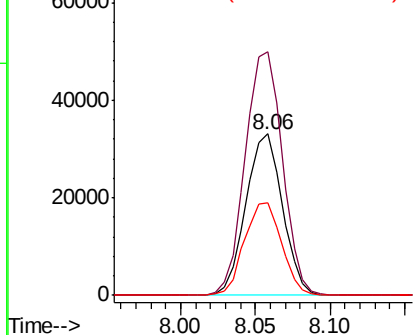
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.01 min
Lab File: BG036596.D
Acq: 7 Sep 2018 14:25

Instrument :
BNA_G
ClientSampleId :
PB112677BL

Tot Ion:152 Resp: 56225
Ion Ratio Lower Upper
152 100
150 150.8 119.5 179.3
115 57.2 44.5 66.7



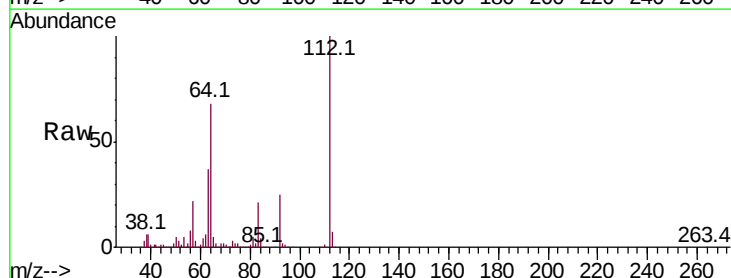
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



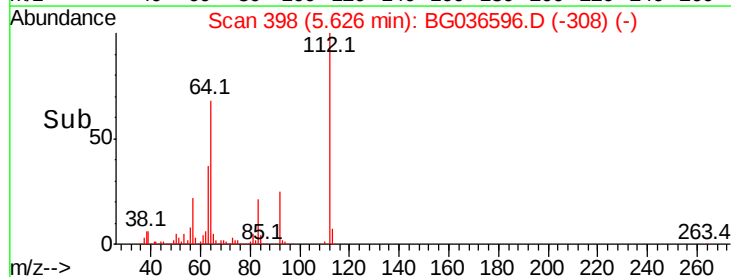
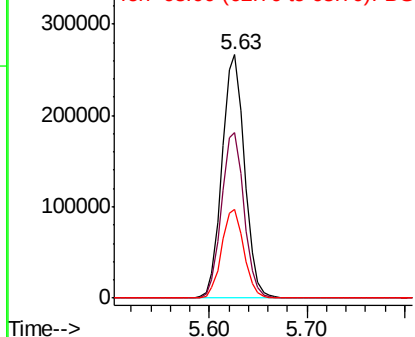
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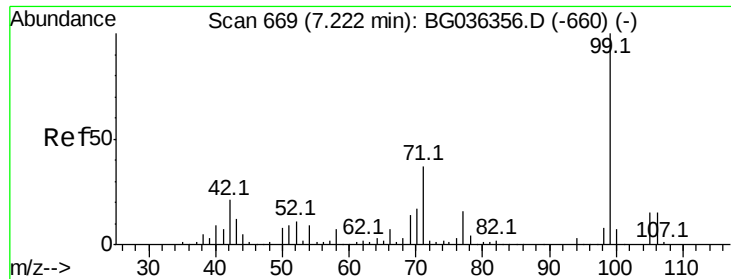
2-Fluorophenol
Concen: 120.426 ng
RT: 5.63 min Scan# 398
Delta R.T. 0.00 min
Lab File: BG036596.D
Acq: 7 Sep 2018 14:25

Tgt Ion:112 Resp: 426842
Ion Ratio Lower Upper
112 100
64 67.7 57.2 85.8
63 36.5 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: 121.131 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG036596.D

Acq: 7 Sep 2018 14:25

Instrument :

BNA_G

ClientSampleId :

PB112677BL

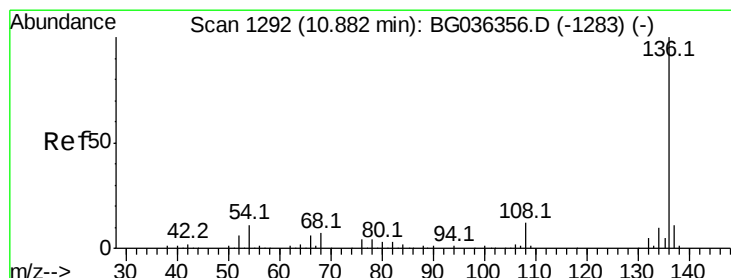
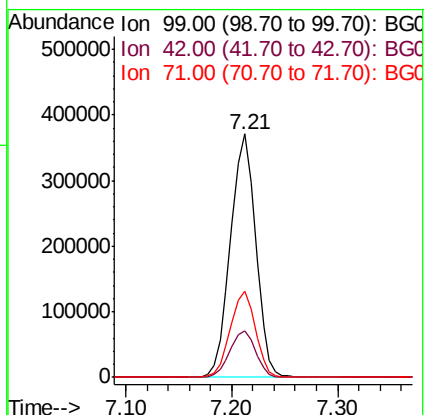
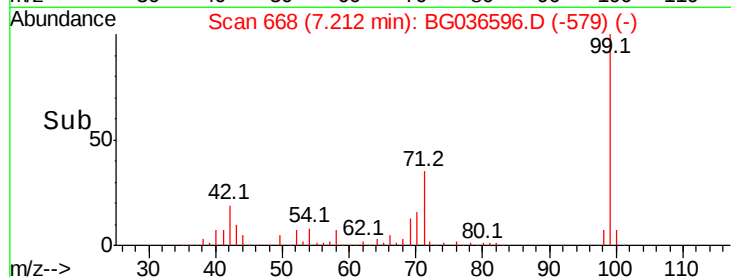
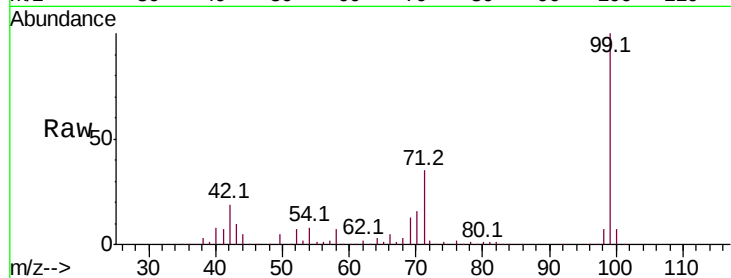
Tot Ion: 99 Resp: 614710

Ion Ratio Lower Upper

99 100

42 19.1 16.5 24.7

71 35.3 29.4 44.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.86 min Scan# 1289

Delta R.T. -0.01 min

Lab File: BG036596.D

Acq: 7 Sep 2018 14:25

Tgt Ion: 136 Resp: 247460

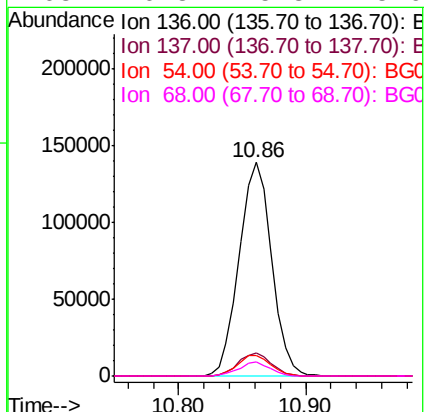
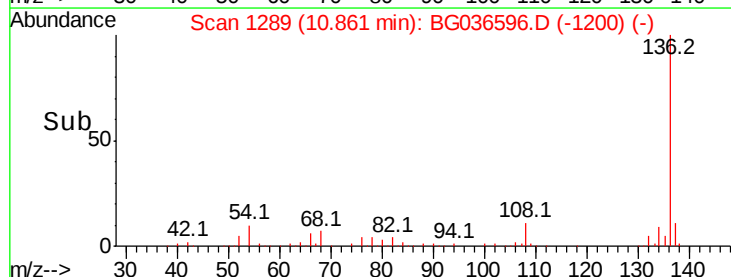
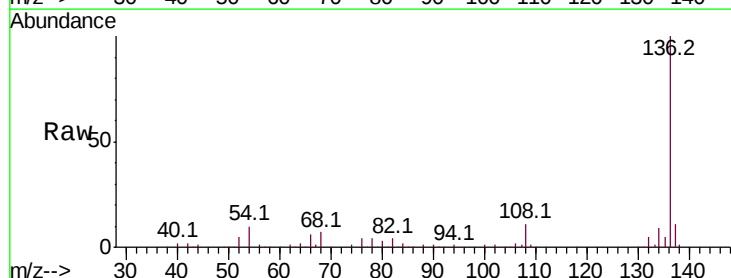
Ion Ratio Lower Upper

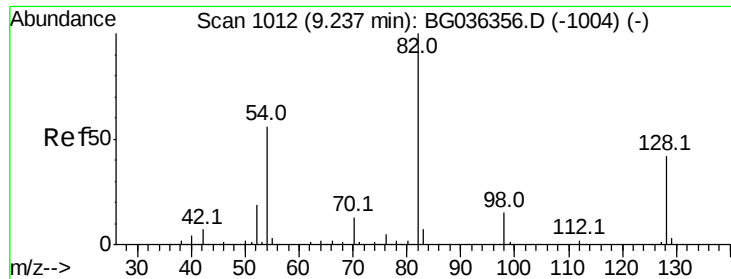
136 100

137 10.5 8.8 13.2

54 9.8 9.2 13.8

68 6.8 5.8 8.6

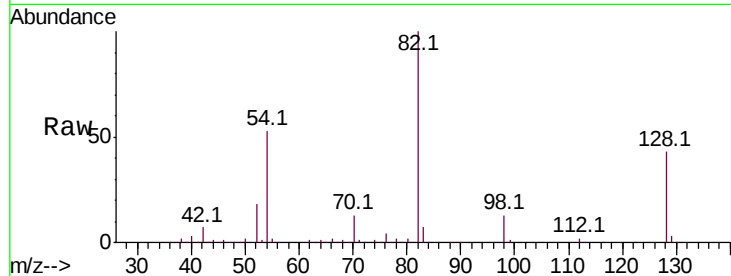




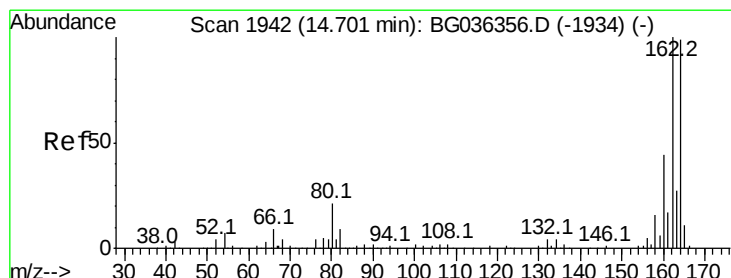
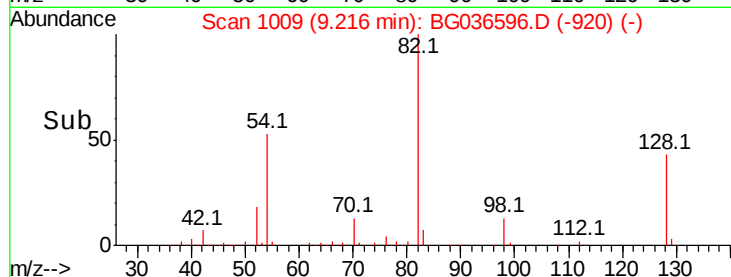
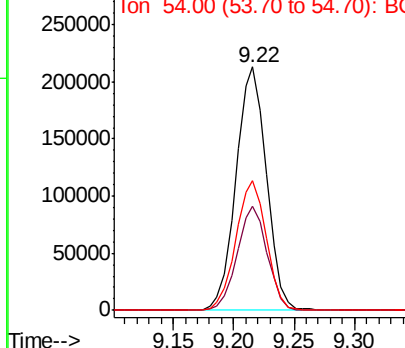
#23
 Nitrobenzene-d5
 Concen: 82.076 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BG036596.D
 Acq: 7 Sep 2018 14:25

Instrument :
 BNA_G
 ClientSampleId :
 PB112677BL

Tot Ion: 82 Resp: 374342
 Ion Ratio Lower Upper
 82 100
 128 42.6 33.3 49.9
 54 53.4 45.1 67.7

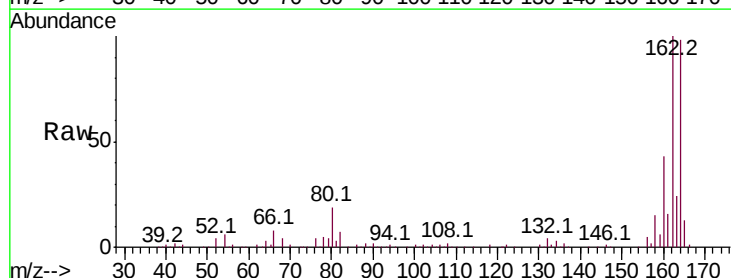


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

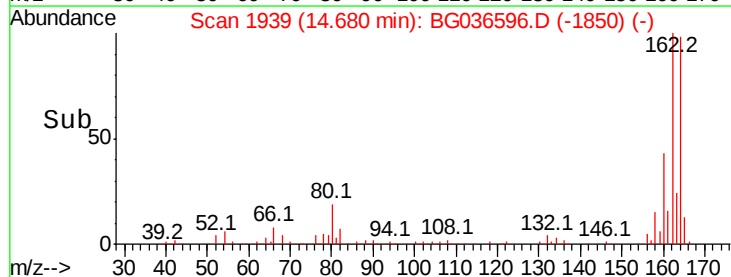
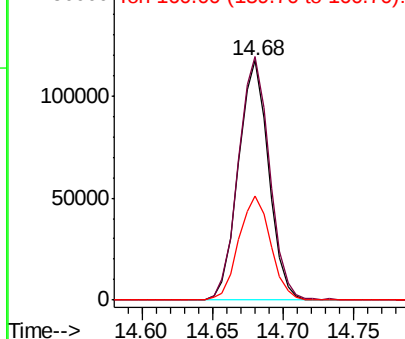


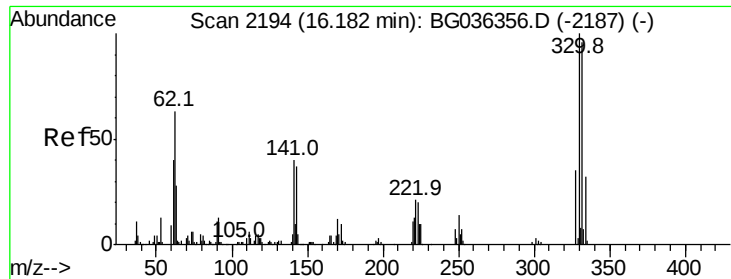
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.01 min
 Lab File: BG036596.D
 Acq: 7 Sep 2018 14:25

Tgt Ion: 164 Resp: 176222
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.7 121.1
 160 43.6 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

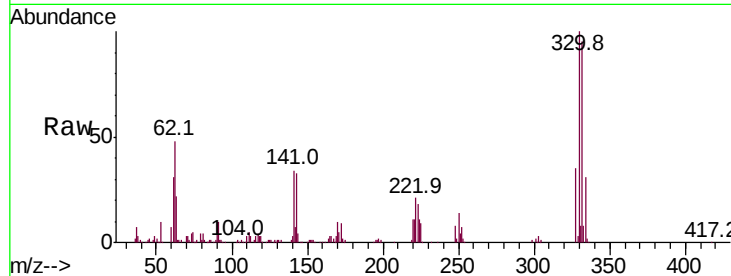




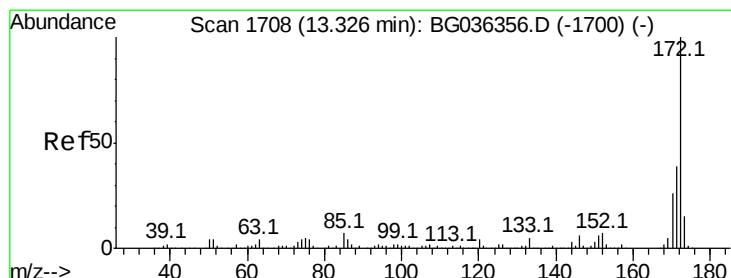
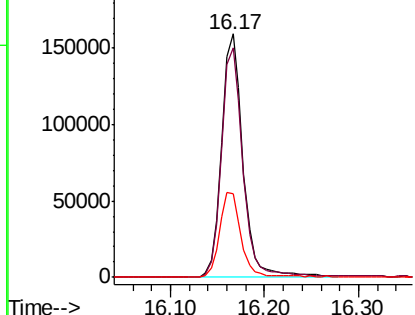
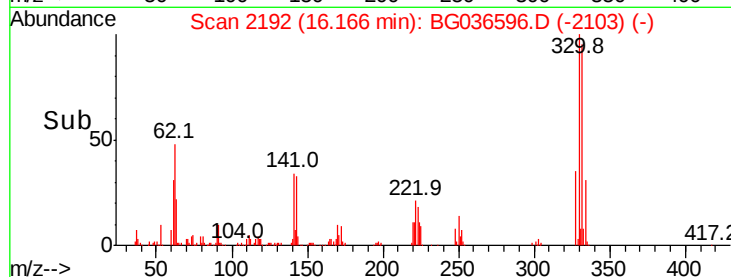
#41
 2,4,6-Tribromophenol
 Concen: 120.786 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG036596.D
 Acq: 7 Sep 2018 14:25

Instrument :
 BNA_G
 ClientSampleId :
 PB112677BL

Tot Ion:330 Resp: 253980
 Ion Ratio Lower Upper
 330 100
 332 95.8 75.4 113.2
 141 35.7 30.7 46.1

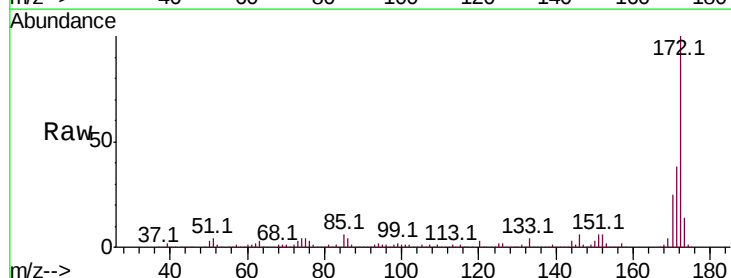


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

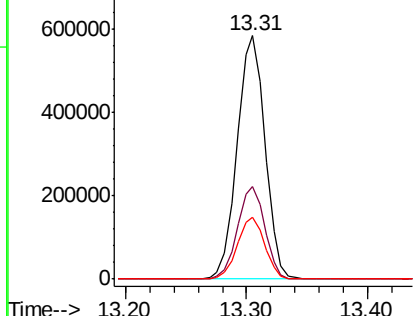
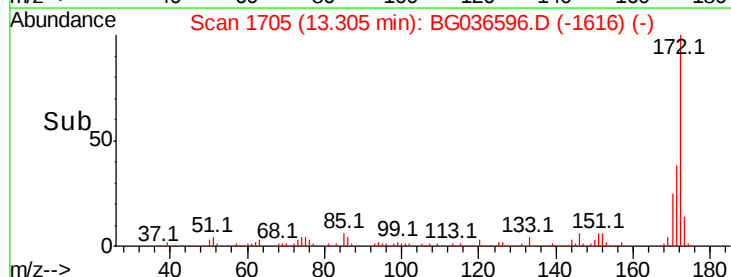


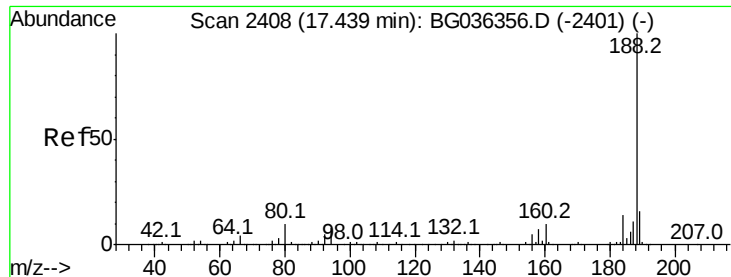
#44
 2-Fluorobiphenyl
 Concen: 76.181 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG036596.D
 Acq: 7 Sep 2018 14:25

Tgt Ion:172 Resp: 940231
 Ion Ratio Lower Upper
 172 100
 171 38.2 31.3 46.9
 170 25.4 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

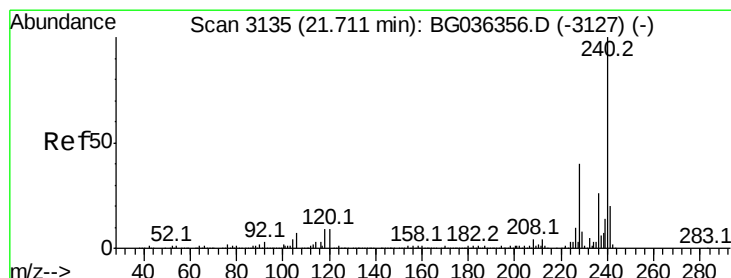
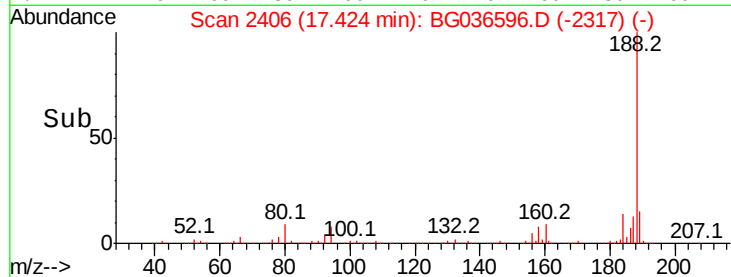
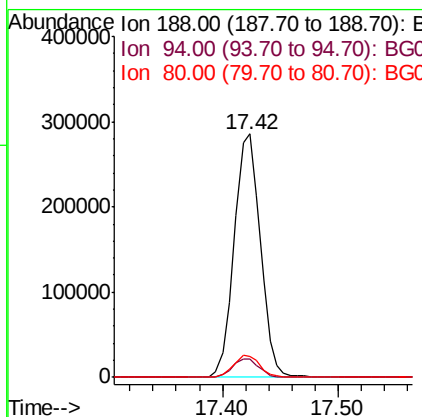
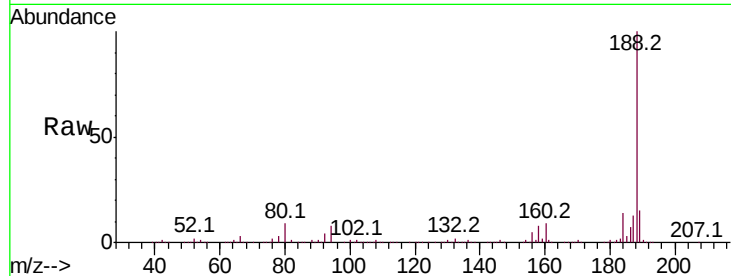




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BG036596.D
Acq: 7 Sep 2018 14:25

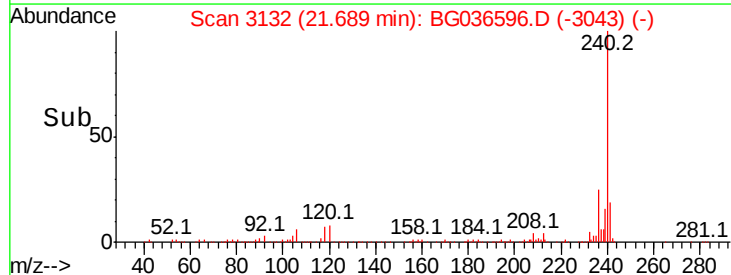
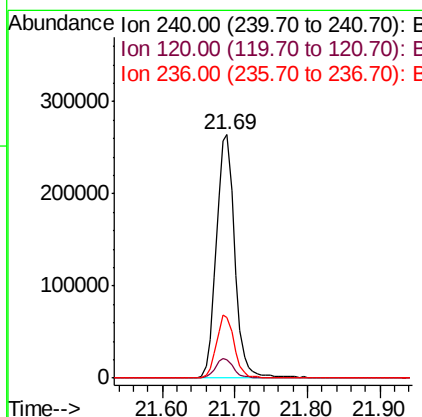
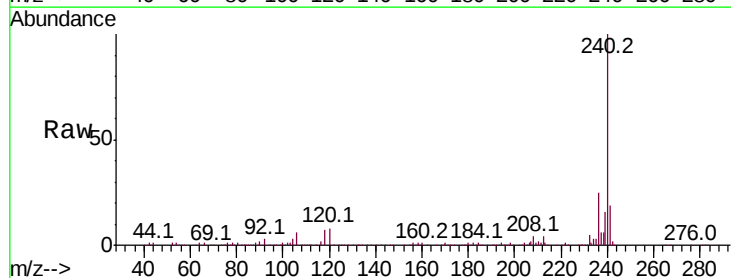
Instrument :
BNA_G
ClientSampleId :
PB112677BL

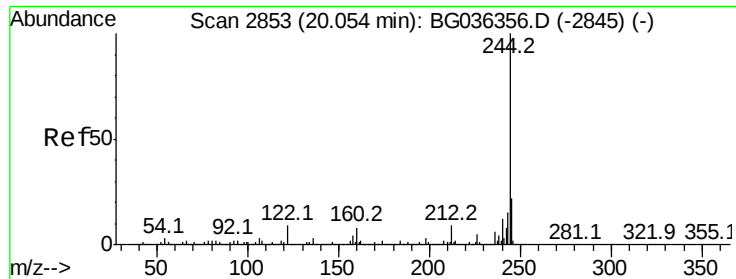
Tot Ion:188 Resp: 447611
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 8.7 8.1 12.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BG036596.D
Acq: 7 Sep 2018 14:25

Tgt Ion:240 Resp: 468951
Ion Ratio Lower Upper
240 100
120 7.6 6.9 10.3
236 24.7 21.2 31.8





#78

Terphenyl-d14

Concen: 77.388 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG036596.D

Acq: 7 Sep 2018 14:25

Instrument :

BNA_G

ClientSampleId :

PB112677BL

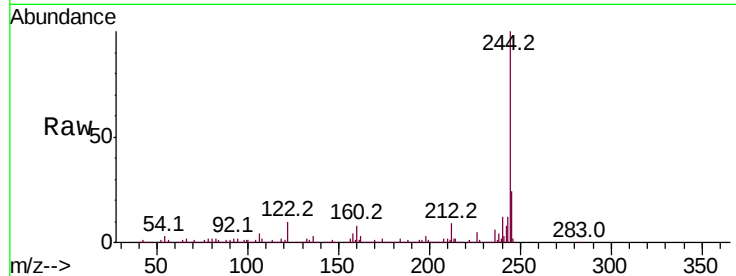
Tot Ion:244 Resp: 1552666

Ion	Ratio	Lower	Upper
244	100		
212	9.2	7.0	10.6
122	9.9	7.1	10.7

244 100

212 9.2 7.0 10.6

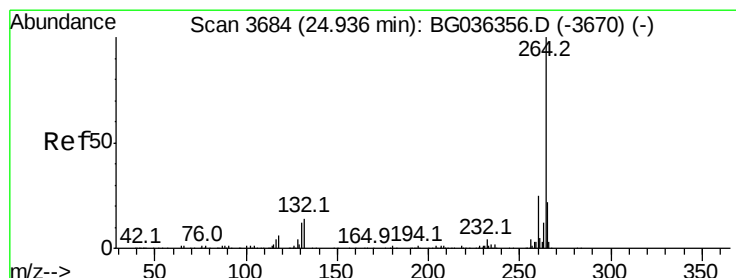
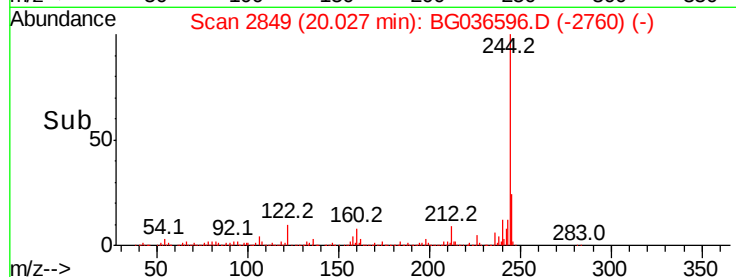
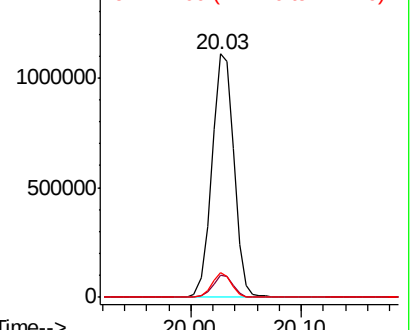
122 9.9 7.1 10.7



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: 24.90 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG036596.D

Acq: 7 Sep 2018 14:25

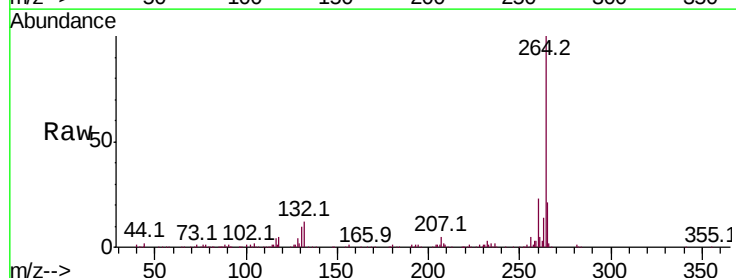
Tgt Ion:264 Resp: 422202

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.2	17.4	26.0

264 100

260 22.9 19.6 29.4

265 21.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

150000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

