

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036610.D
 Acq On : 7 Sep 2018 23:31
 Operator : JU/SJ
 Sample : PB112689BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112689BL

Quant Time: Sep 08 01:52:29 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	54015	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	242605	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	169290	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	436217	20.00	ng	0.00
75) Chrysene-d12	21.69	240	452129	20.00	ng	0.00
86) Perylene-d12	24.89	264	423200	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	438190	128.69	ng	0.00
7) Phenol-d6	7.21	99	619472	127.06	ng	0.00
23) Nitrobenzene-d5	9.21	82	376658	84.24	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	268066	132.71	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	936984	79.03	ng	0.00
78) Terphenyl-d14	20.03	244	1594212	82.41	ng	0.00

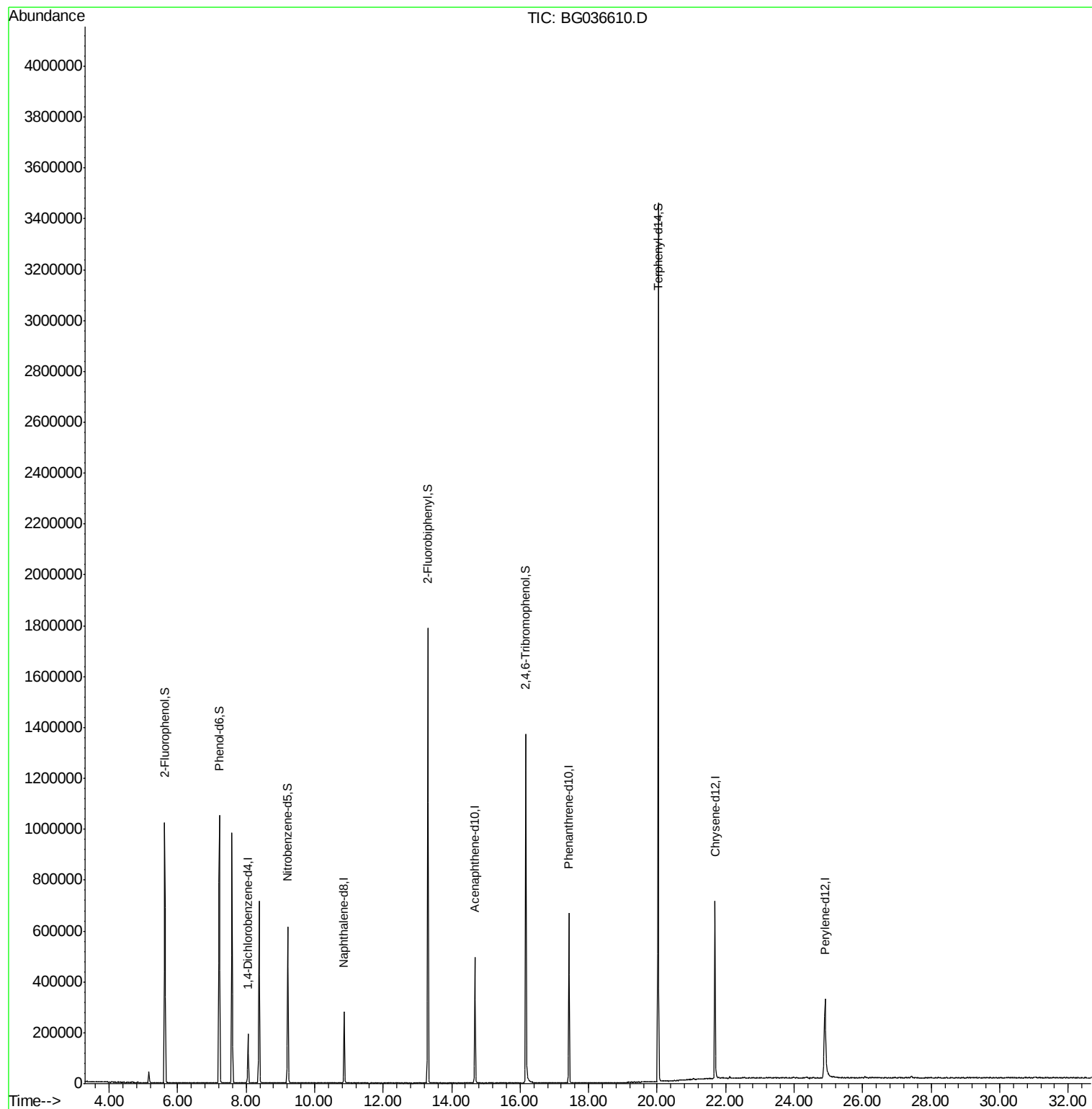
Target Compounds Qvalue

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

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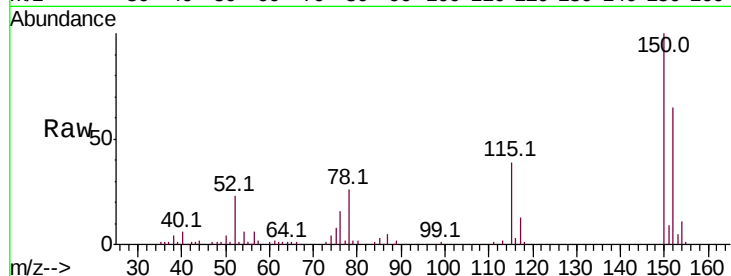


#1

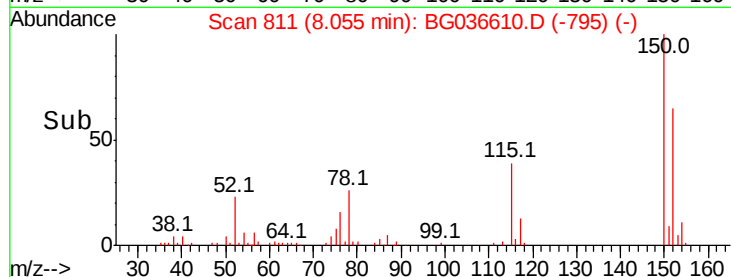
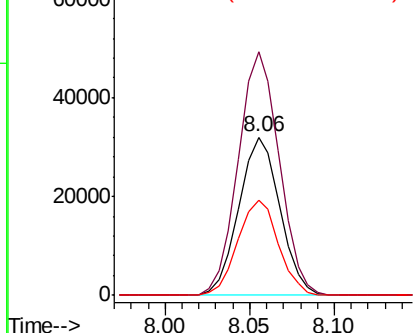
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036610.D
Acq: 7 Sep 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB112689BL

Tot Ion:152 Resp: 54015
Ion Ratio Lower Upper
152 100
150 154.1 119.5 179.3
115 60.4 44.5 66.7



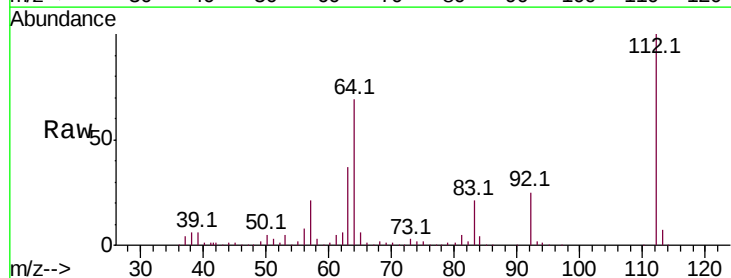
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



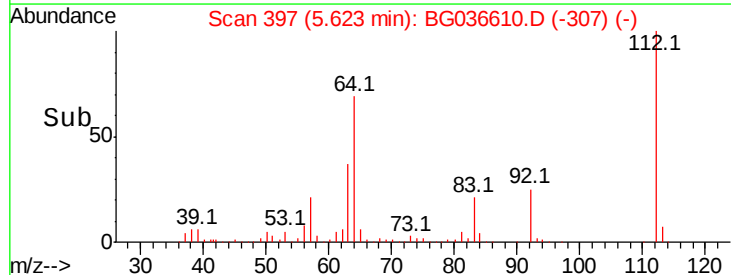
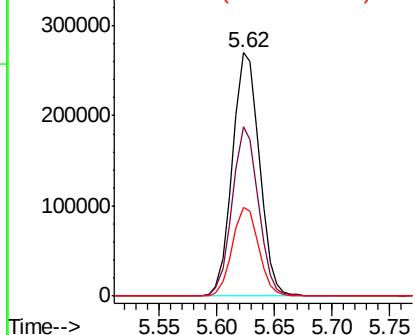
#5

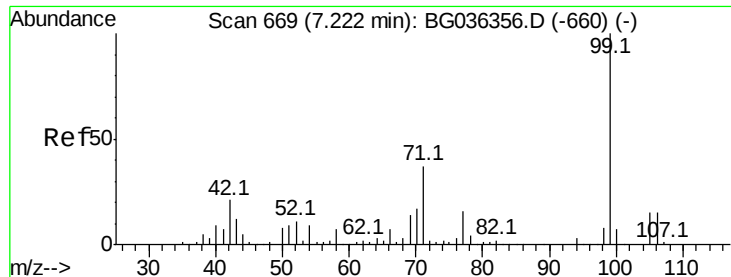
2-Fluorophenol
Concen: 128.686 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036610.D
Acq: 7 Sep 2018 23:31

Tgt Ion:112 Resp: 438190
Ion Ratio Lower Upper
112 100
64 69.5 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: 127.064 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036610.D

Acq: 7 Sep 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB112689BL

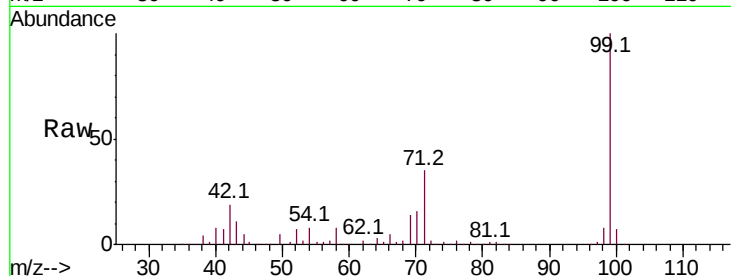
Tot Ion: 99 Resp: 619472

Ion Ratio Lower Upper

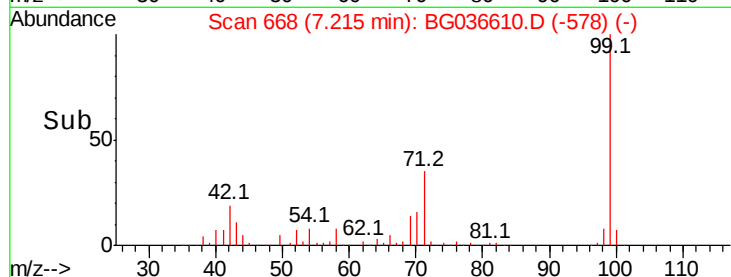
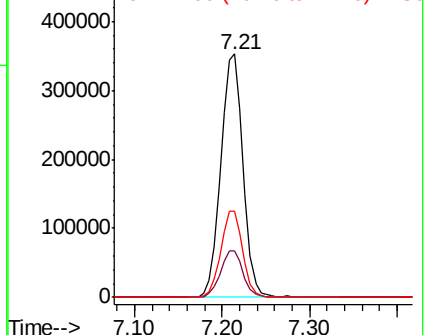
99 100

42 19.3 16.5 24.7

71 35.4 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: 10.86 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BG036610.D

Acq: 7 Sep 2018 23:31

Tgt Ion: 136 Resp: 242605

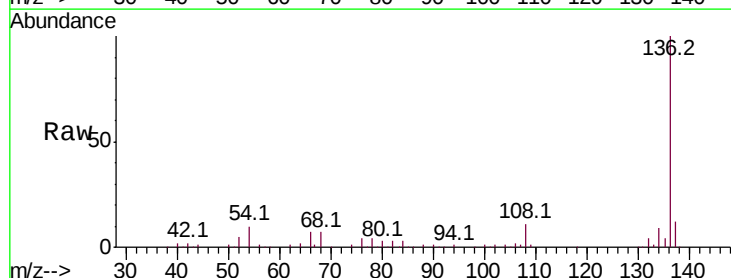
Ion Ratio Lower Upper

136 100

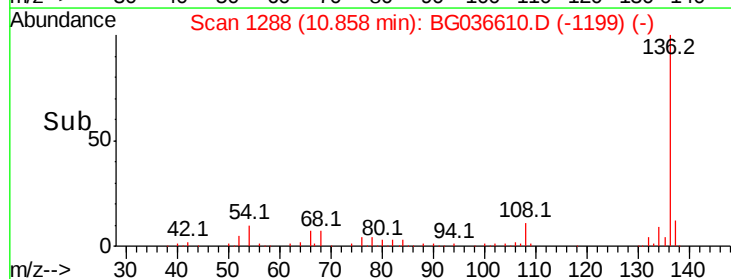
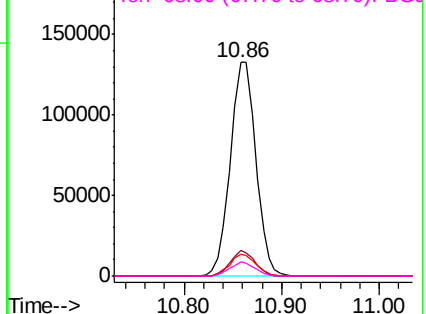
137 12.1 8.8 13.2

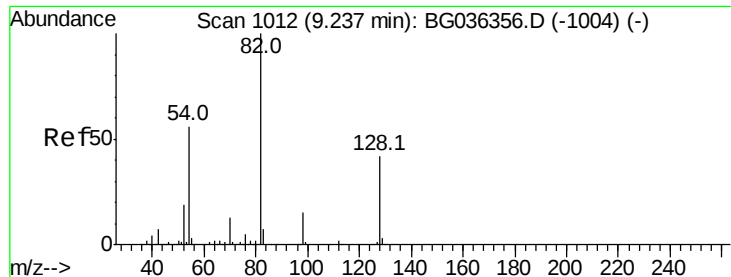
54 9.9 9.2 13.8

68 6.7 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: 84.237 ng

RT: 9.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BG036610.D

Acq: 7 Sep 2018 23:31

Instrument :

BNA_G

ClientSampled :

PB112689BL

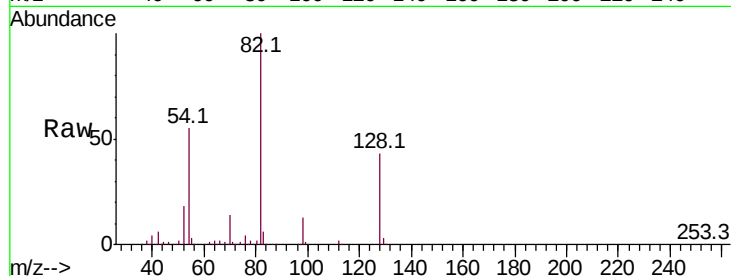
Tot Ion: 82 Resp: 376658

Ion Ratio Lower Upper

82 100

128 43.1 33.3 49.9

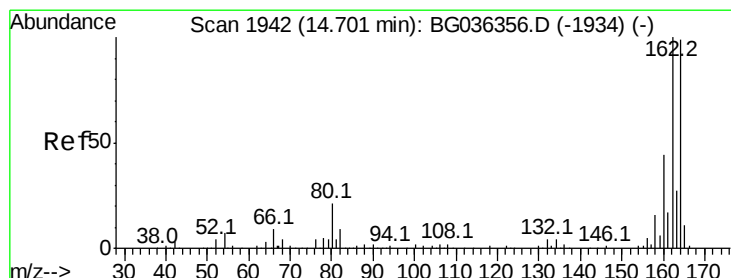
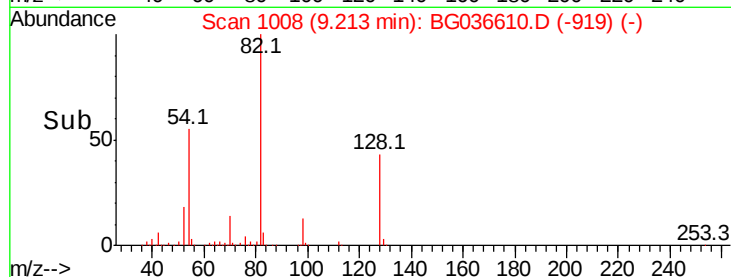
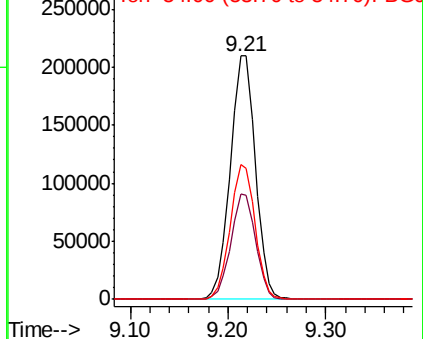
54 55.1 45.1 67.7



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# 1938

Delta R.T. -0.01 min

Lab File: BG036610.D

Acq: 7 Sep 2018 23:31

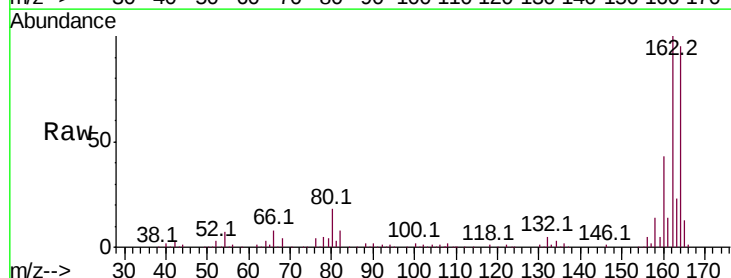
Tgt Ion: 164 Resp: 169290

Ion Ratio Lower Upper

164 100

162 105.1 80.7 121.1

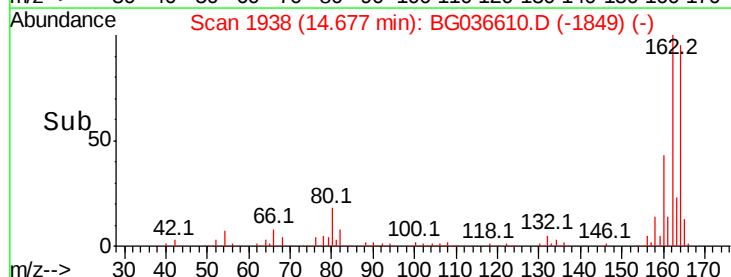
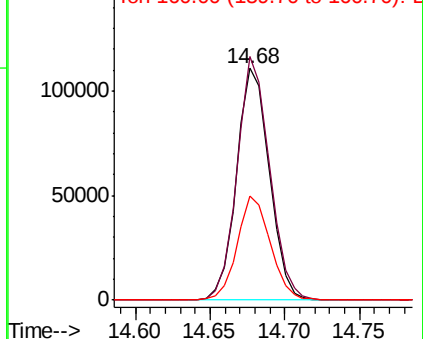
160 44.8 35.3 52.9

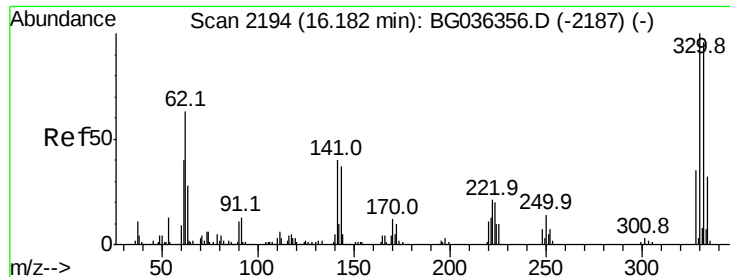


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

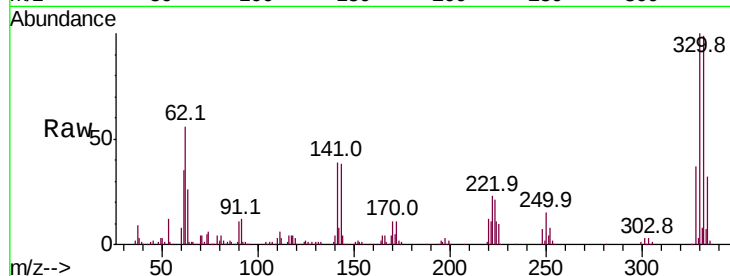




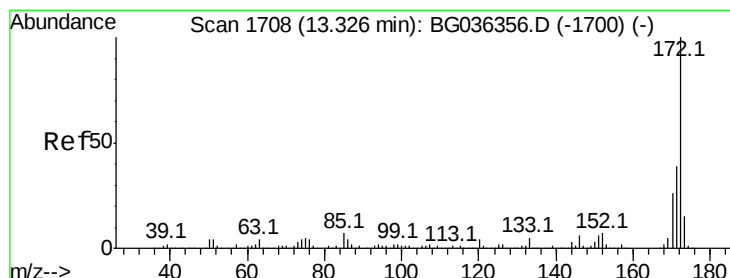
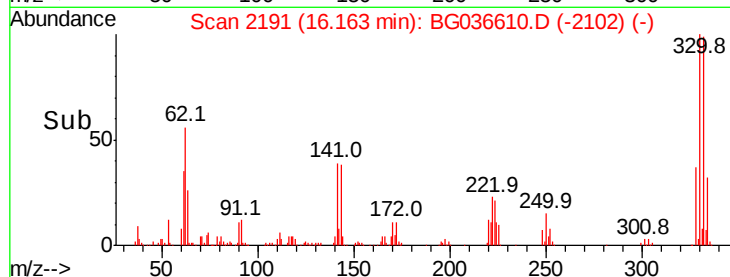
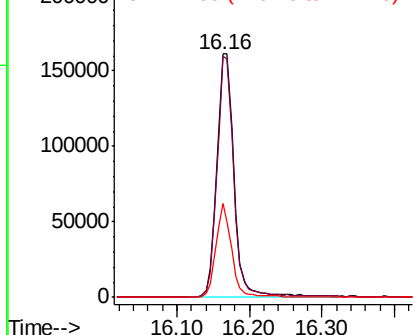
#41
 2,4,6-Tribromophenol
 Concen: 132.705 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036610.D
 Acq: 7 Sep 2018 23:31

Instrument :
 BNA_G
 ClientSampleId :
 PB112689BL

Tot Ion:330 Resp: 268066
 Ion Ratio Lower Upper
 330 100
 332 95.6 75.4 113.2
 141 34.0 30.7 46.1

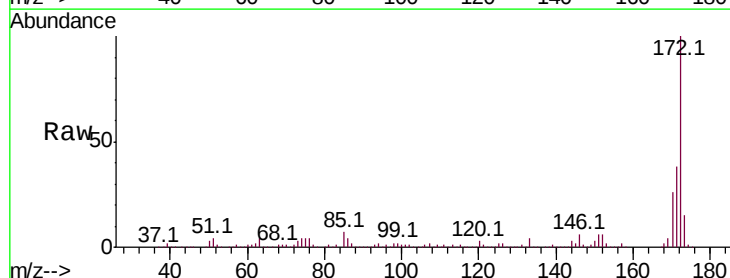


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

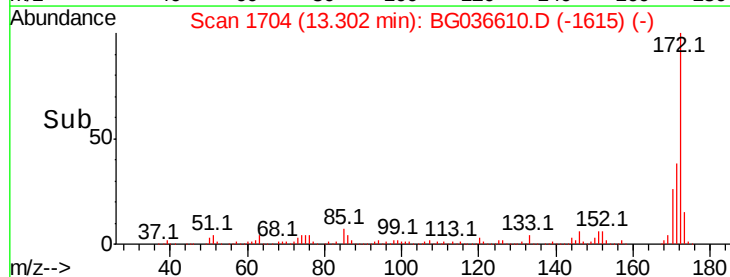
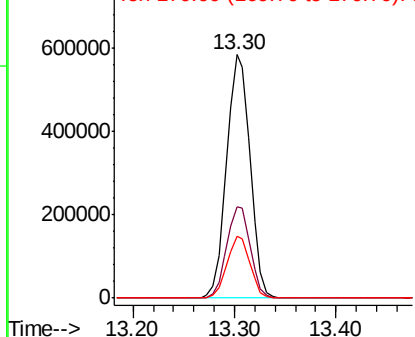


#44
 2-Fluorobiphenyl
 Concen: 79.027 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036610.D
 Acq: 7 Sep 2018 23:31

Tgt Ion:172 Resp: 936984
 Ion Ratio Lower Upper
 172 100
 171 37.7 31.3 46.9
 170 25.6 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

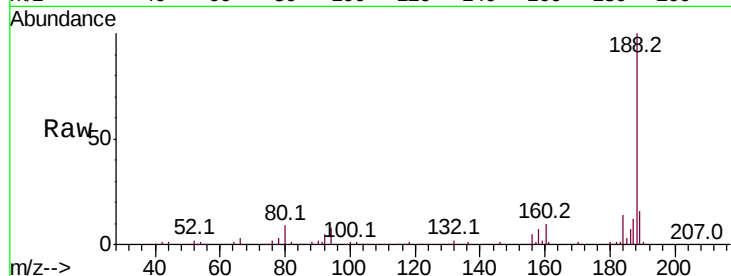




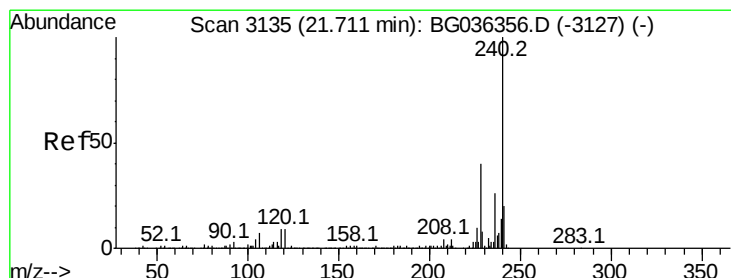
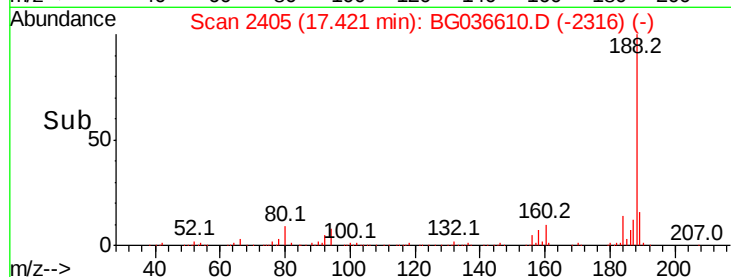
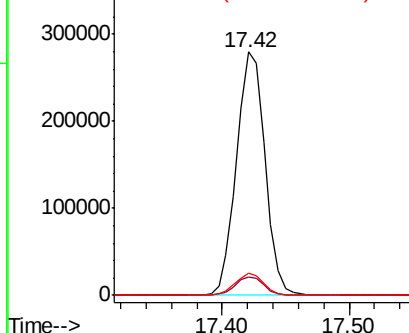
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BG036610.D
Acq: 7 Sep 2018 23:31

Instrument :
BNA_G
ClientSampleId :
PB112689BL

Tot Ion:188 Resp: 436217
Ion Ratio Lower Upper
188 100
94 7.7 6.7 10.1
80 9.0 8.1 12.1

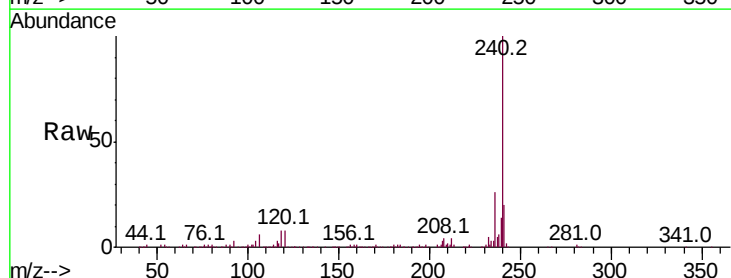


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

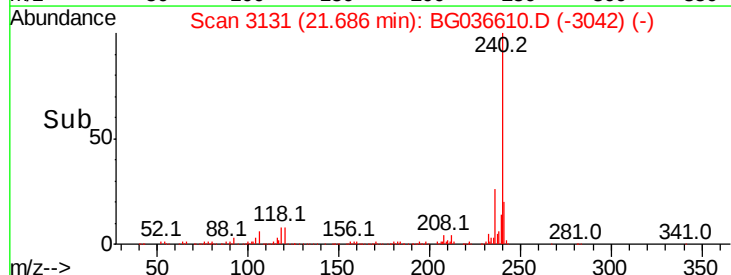
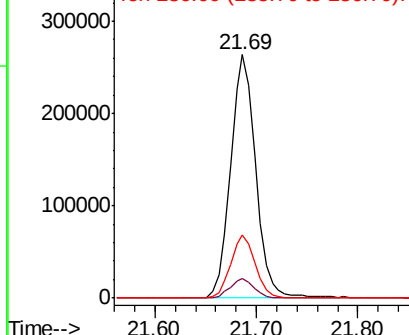


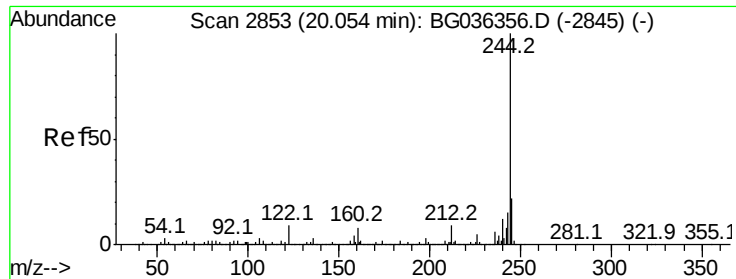
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BG036610.D
Acq: 7 Sep 2018 23:31

Tgt Ion:240 Resp: 452129
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.0 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: 82.415 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036610.D

Acq: 7 Sep 2018 23:31

Instrument :

BNA_G

ClientSampleId :

PB112689BL

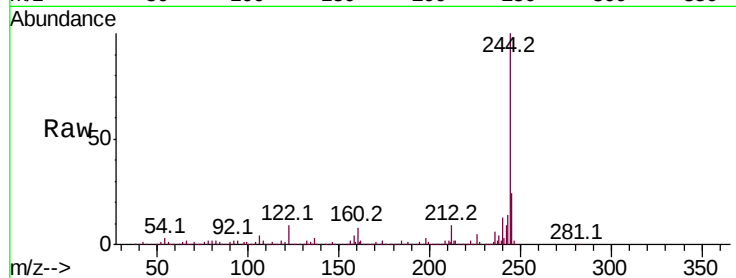
Tot Ion:244 Resp: 1594212

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.6

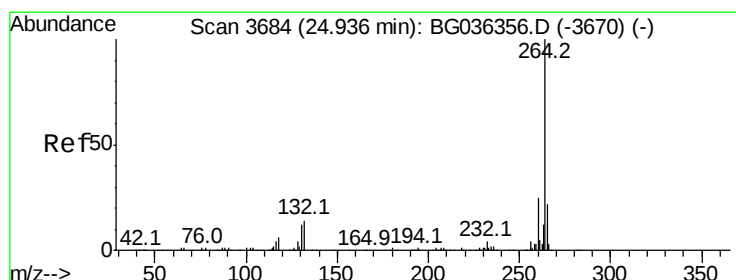
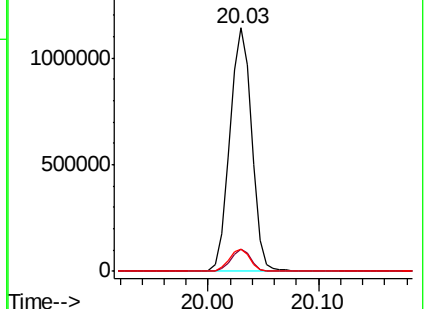
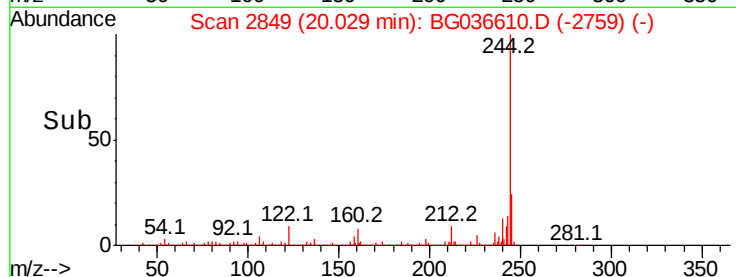
122 9.4 7.1 10.7



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: 24.89 min Scan# 3677

Delta R.T. -0.01 min

Lab File: BG036610.D

Acq: 7 Sep 2018 23:31

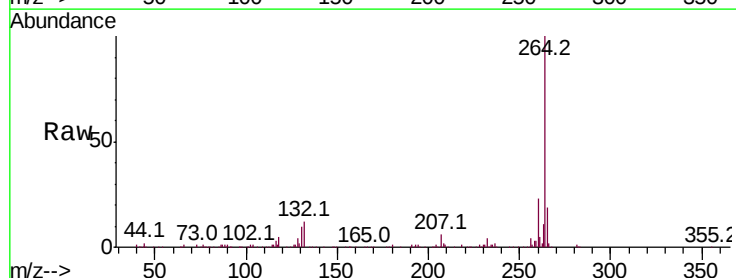
Tgt Ion:264 Resp: 423200

Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 19.3 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

