

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090718\
 Data File : BG036611.D
 Acq On : 8 Sep 2018 00:10
 Operator : JU/SJ
 Sample : PB112689TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112689TB

Quant Time: Sep 08 01:57:53 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	8.05	152	50610	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	227062	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	160333	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	406185	20.00	ng	0.00
75) Chrysene-d12	21.69	240	422756	20.00	ng	0.00
86) Perylene-d12	24.90	264	383238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	389635	122.13	ng	0.00
7) Phenol-d6	7.21	99	556599	121.85	ng	0.00
23) Nitrobenzene-d5	9.22	82	335949	80.28	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	224323	117.25	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	845311	75.28	ng	0.00
78) Terphenyl-d14	20.03	244	1437525	79.48	ng	0.00

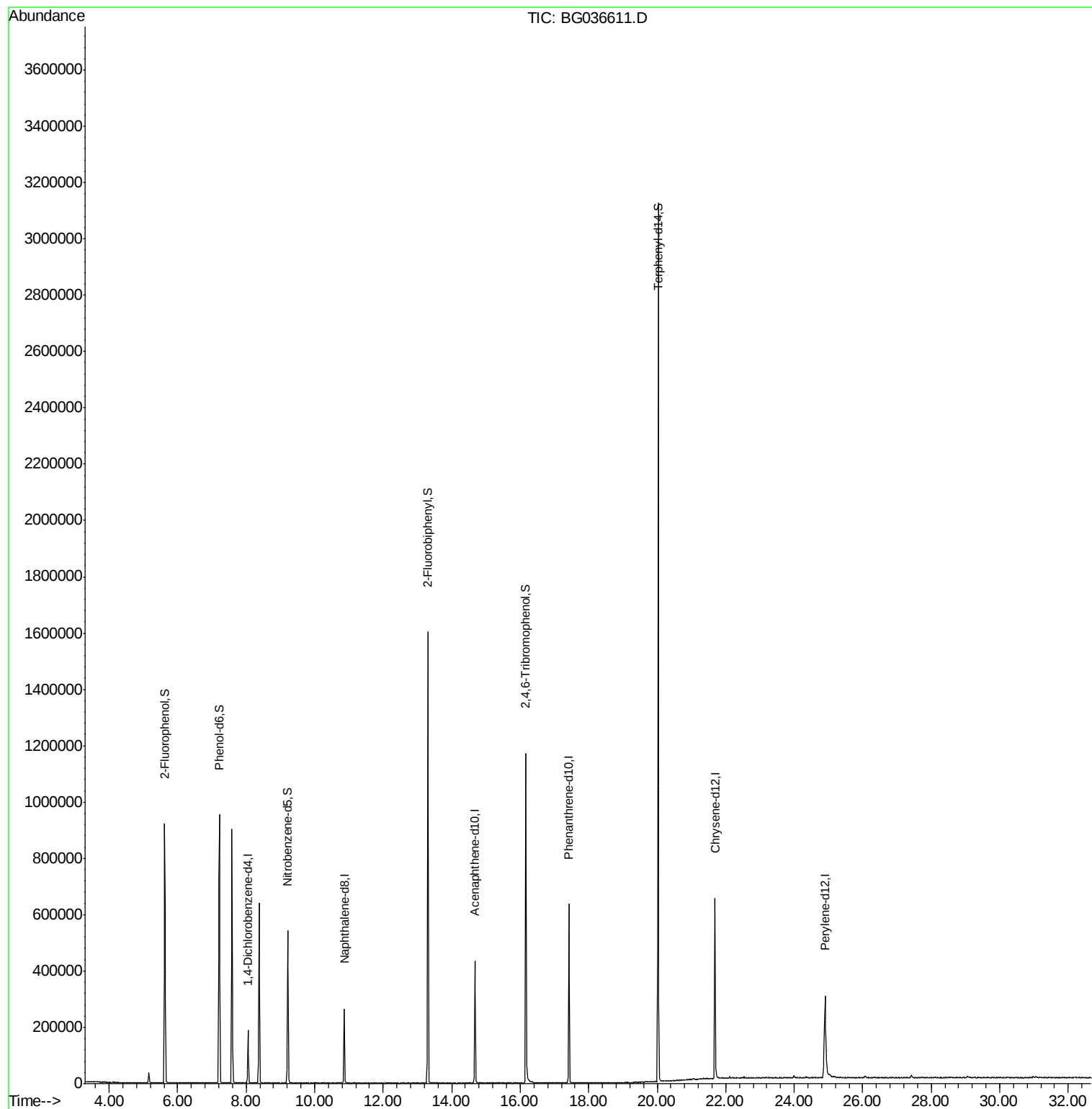
Target Compounds Qvalue

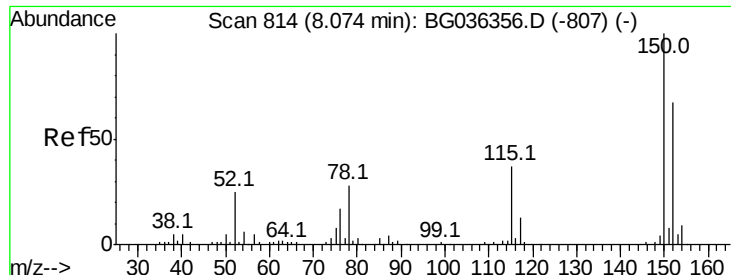
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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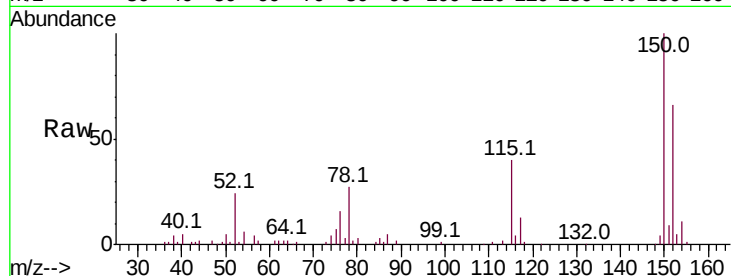


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036611.D
Acq: 8 Sep 2018 00:10

Instrument :
BNA_G
ClientSampleId :
PB112689TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	119.5	179.3
115	60.5	44.5	66.7

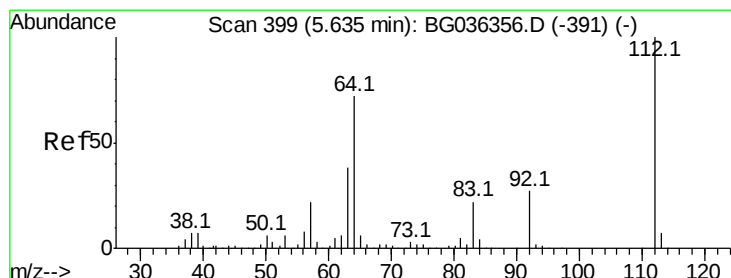
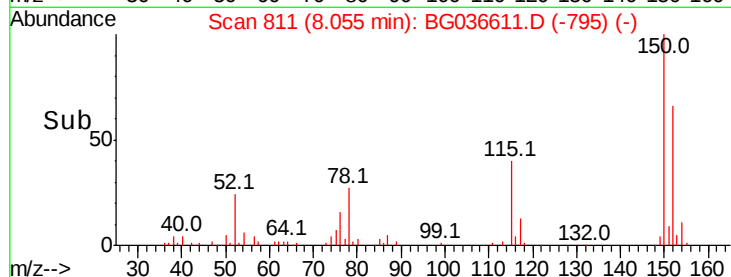
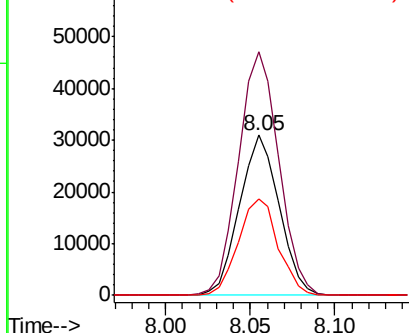


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

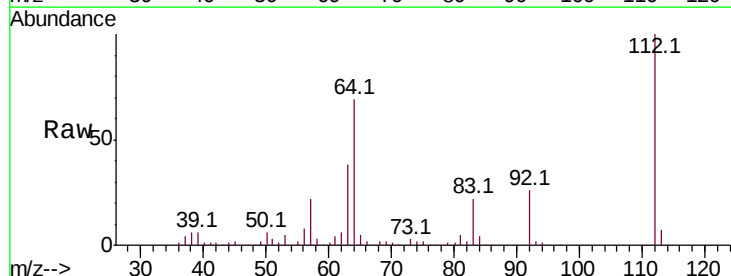
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 122.125 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036611.D
Acq: 8 Sep 2018 00:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	57.2	85.8
63	37.8	30.8	46.2

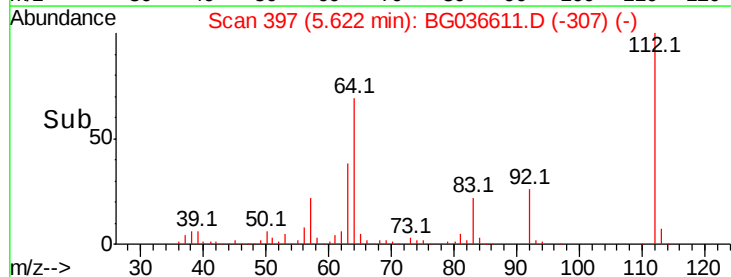
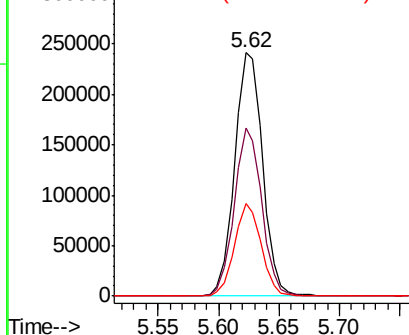


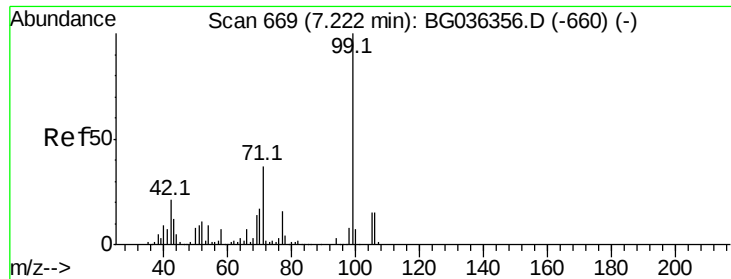
Abundance

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: 121.849 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG036611.D

Acq: 8 Sep 2018 00:10

Instrument :

BNA_G

ClientSampleId :

PB112689TB

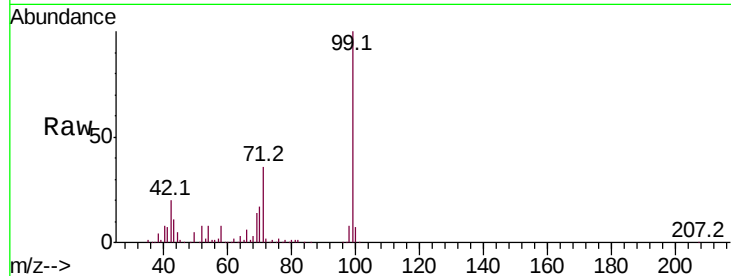
Tot Ion: 99 Resp: 556599

Ion Ratio Lower Upper

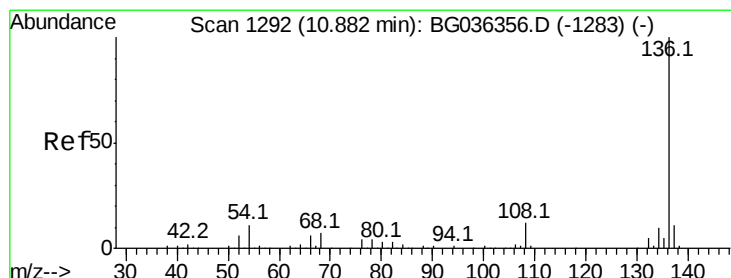
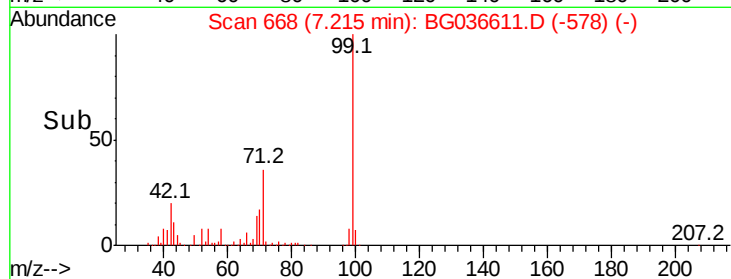
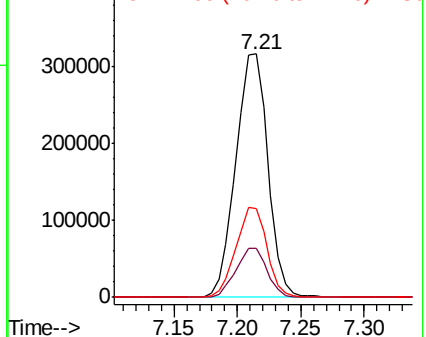
99 100

42 20.1 16.5 24.7

71 36.3 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# 1289

Delta R.T. -0.00 min

Lab File: BG036611.D

Acq: 8 Sep 2018 00:10

Tgt Ion: 136 Resp: 227062

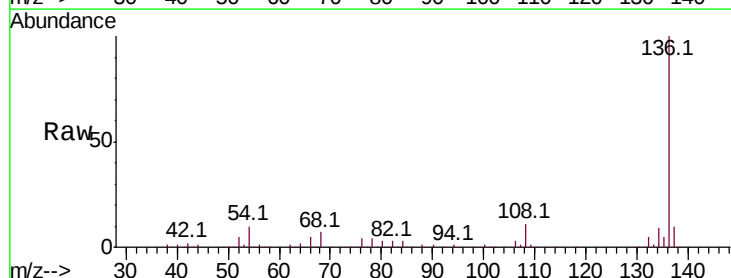
Ion Ratio Lower Upper

136 100

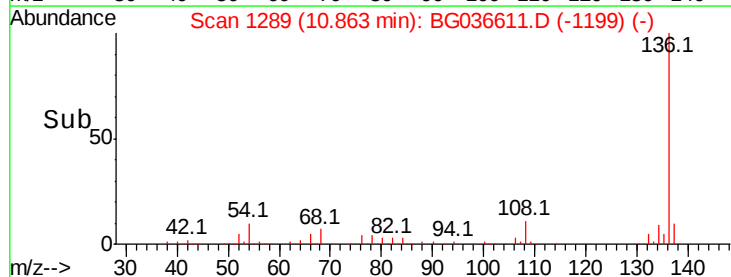
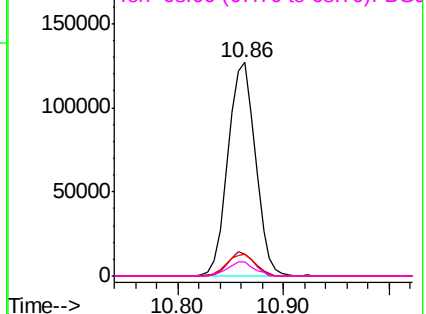
137 10.2 8.8 13.2

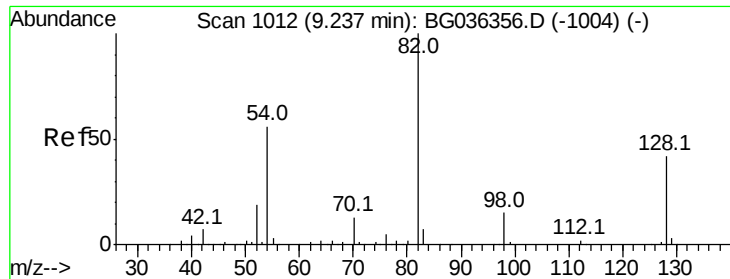
54 10.1 9.2 13.8

68 6.5 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

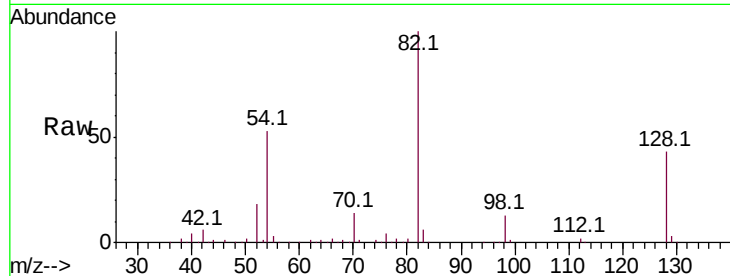




#23
 Nitrobenzene-d5
 Concen: 80.275 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BG036611.D
 Acq: 8 Sep 2018 00:10

Instrument :
 BNA_G
 ClientSampleID :
 PB112689TB

Tot Ion	82	Resp	335949
Ion	Ratio	Lower	Upper
82	100		
128	42.7	33.3	49.9
54	53.4	45.1	67.7

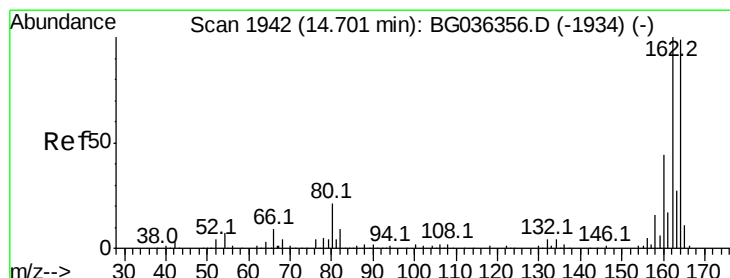
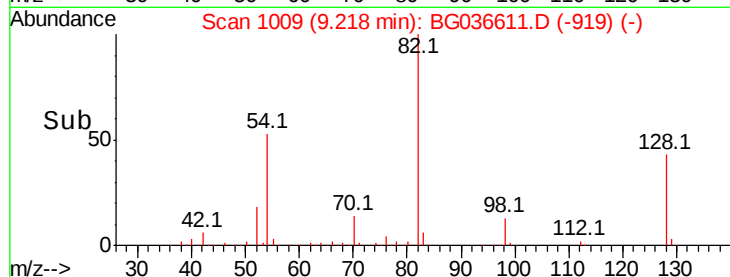
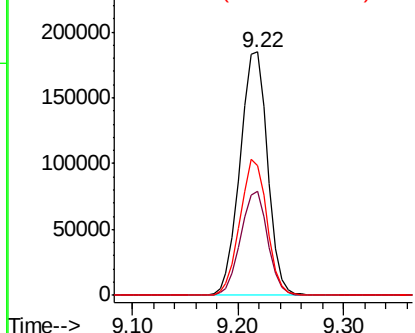


Abundance

Ion 82.00 (81.70 to 82.70): BGC

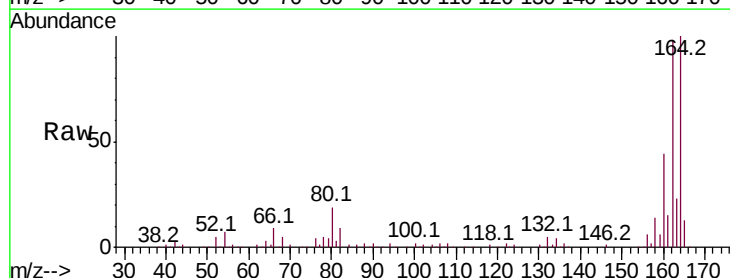
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: BG036611.D
 Acq: 8 Sep 2018 00:10

Tgt Ion	164	Resp	160333
Ion	Ratio	Lower	Upper
164	100		
162	98.1	80.7	121.1
160	44.4	35.3	52.9

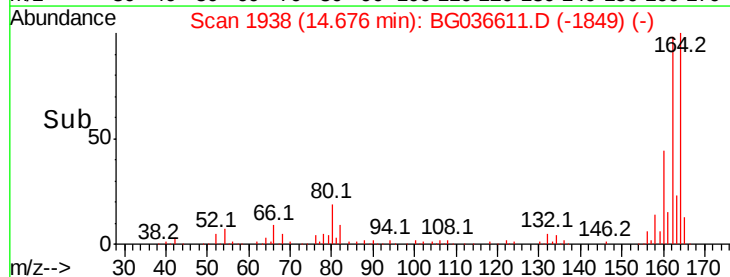
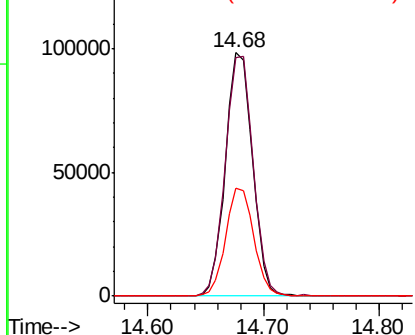


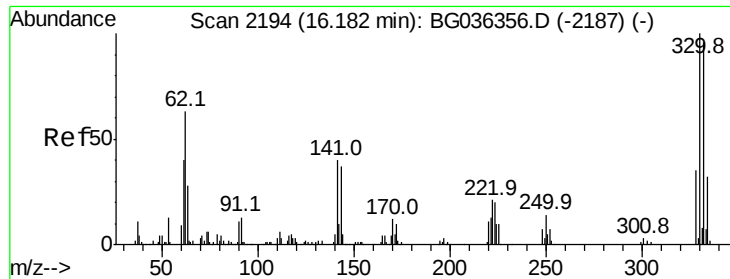
Abundance

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

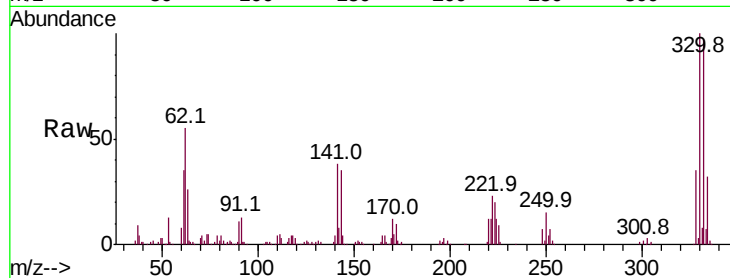




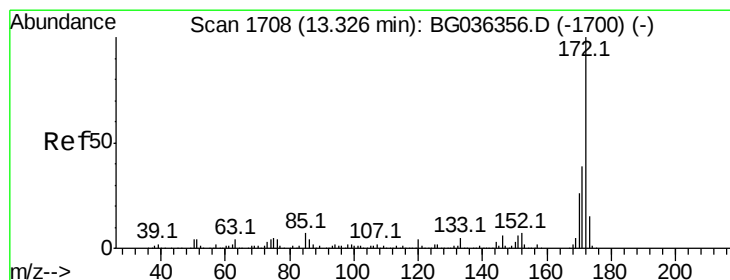
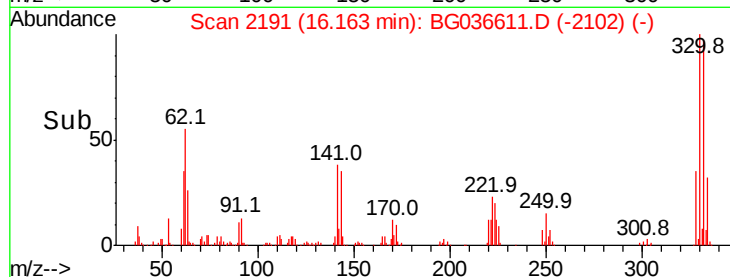
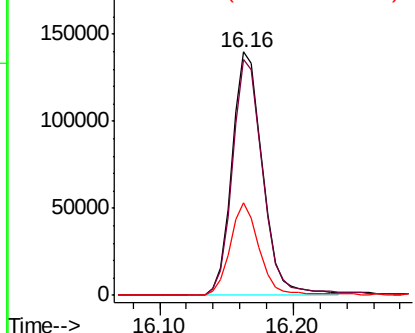
#41
 2,4,6-Tribromophenol
 Concen: 117.254 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036611.D
 Acq: 8 Sep 2018 00:10

Instrument :
 BNA_G
 ClientSampleId :
 PB112689TB

Tot Ion:330 Resp: 224323
 Ion Ratio Lower Upper
 330 100
 332 97.3 75.4 113.2
 141 37.0 30.7 46.1

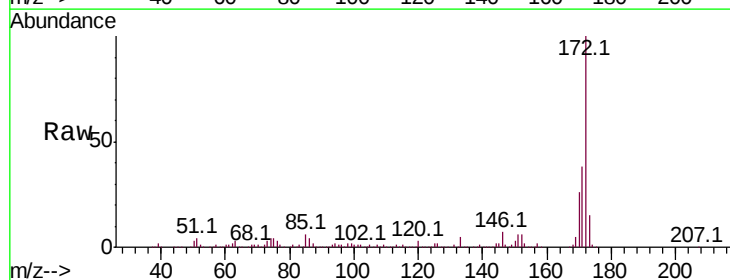


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

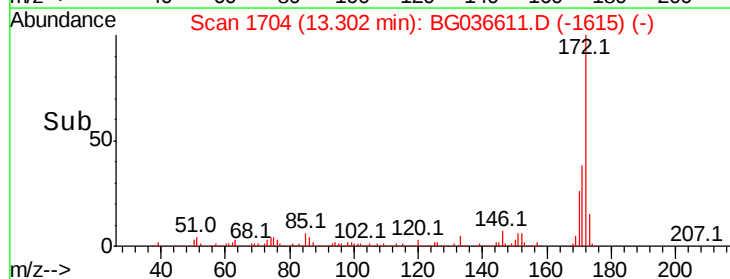
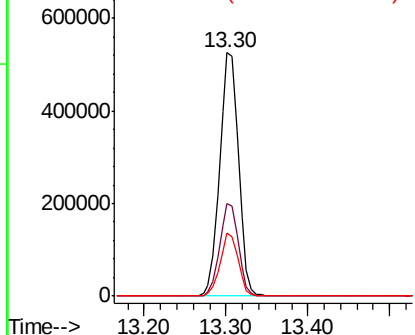


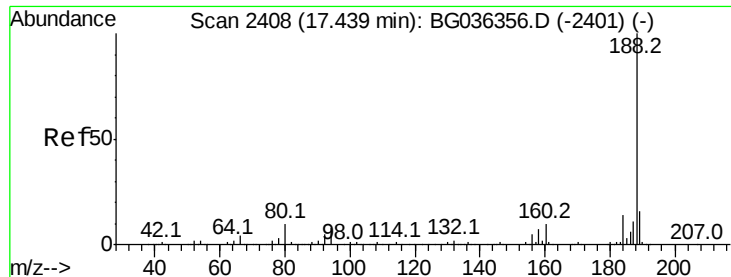
#44
 2-Fluorobiphenyl
 Concen: 75.278 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036611.D
 Acq: 8 Sep 2018 00:10

Tgt Ion:172 Resp: 845311
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.3 46.9
 170 25.9 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: BG036611.D

Acq: 8 Sep 2018 00:10

Instrument :

BNA_G

ClientSampleId :

PB112689TB

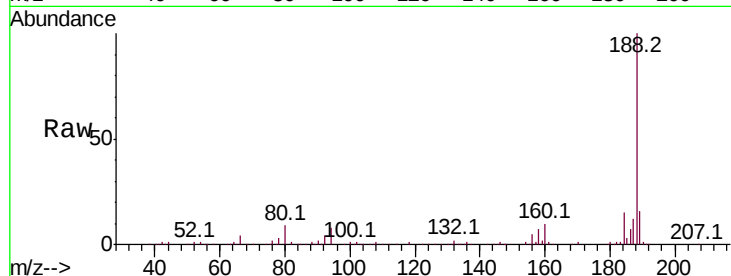
Tot Ion:188 Resp: 406185

Ion Ratio Lower Upper

188 100

94 8.2 6.7 10.1

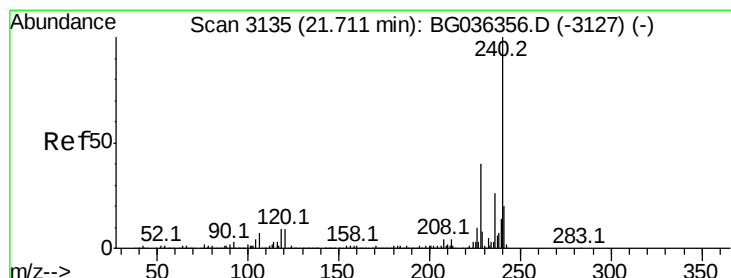
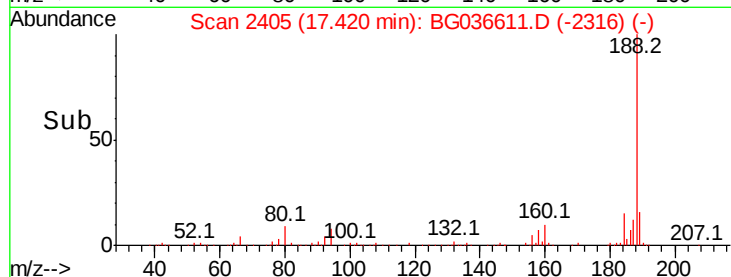
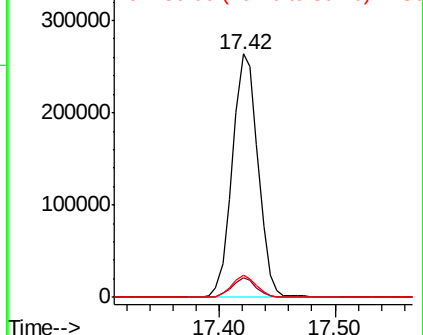
80 9.4 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): 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: BG036611.D

Acq: 8 Sep 2018 00:10

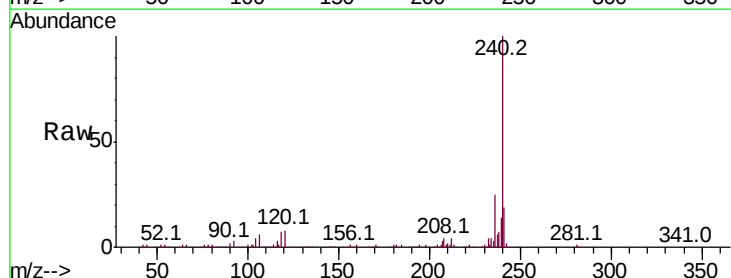
Tgt Ion:240 Resp: 422756

Ion Ratio Lower Upper

240 100

120 7.6 6.9 10.3

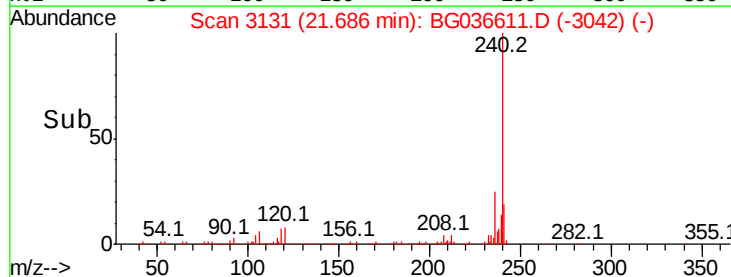
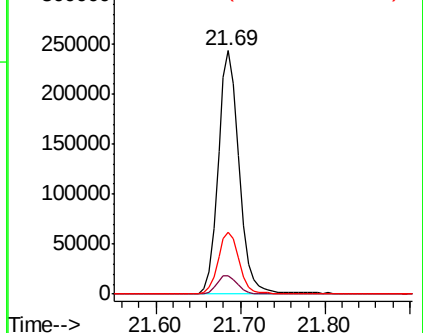
236 25.5 21.2 31.8

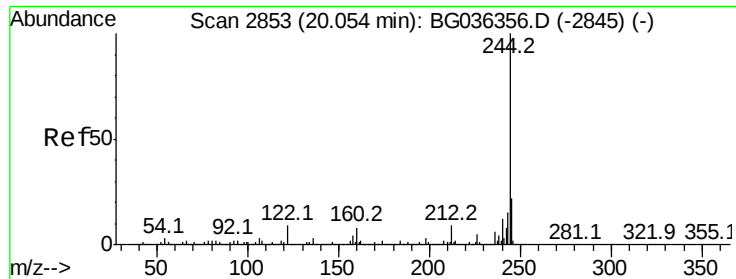


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.478 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG036611.D

Acq: 8 Sep 2018 00:10

Instrument :

BNA_G

ClientSampleId :

PB112689TB

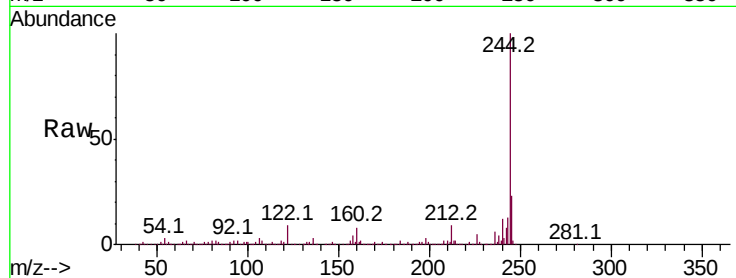
Tot Ion:244 Resp: 1437525

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.6

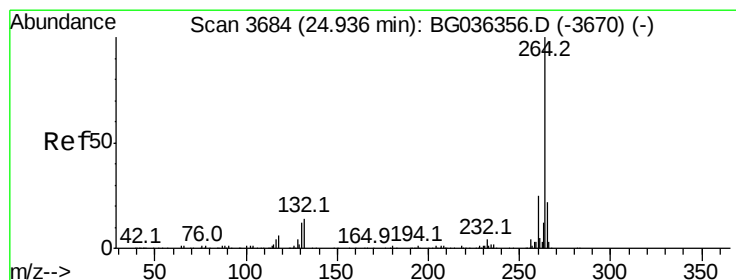
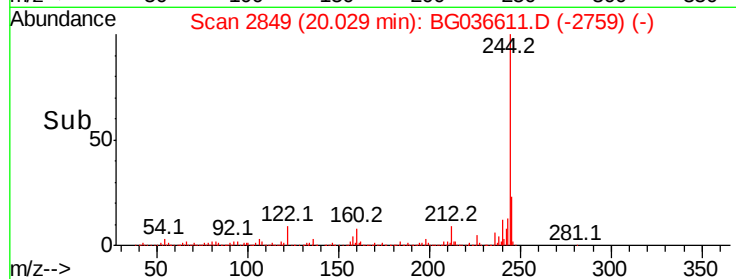
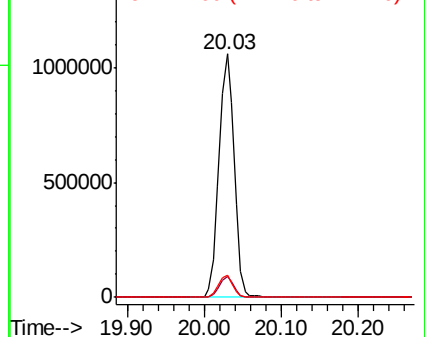
122 8.9 7.1 10.7



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: 24.90 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BG036611.D

Acq: 8 Sep 2018 00:10

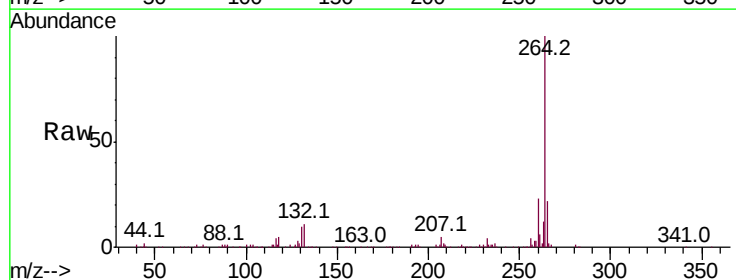
Tgt Ion:264 Resp: 383238

Ion Ratio Lower Upper

264 100

260 22.6 19.6 29.4

265 21.9 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

