

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
 Data File : BG036703.D
 Acq On : 14 Sep 2018 11:54
 Operator : JU/SJ
 Sample : PB112800BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB112800BL

Quant Time: Sep 14 12:30:44 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	57810	20.00	ng	-0.01
21) Naphthalene-d8	10.86	136	251320	20.00	ng	-0.01
38) Acenaphthene-d10	14.67	164	170833	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	428479	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	441836	20.00	ng	-0.01
86) Perylene-d12	24.89	264	366289	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	463074	127.07	ng	0.00
7) Phenol-d6	7.21	99	660311	126.55	ng	-0.01
23) Nitrobenzene-d5	9.21	82	404414	87.31	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	258136	126.64	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	977594	81.71	ng	-0.01
78) Terphenyl-d14	20.02	244	1597848	84.53	ng	-0.01

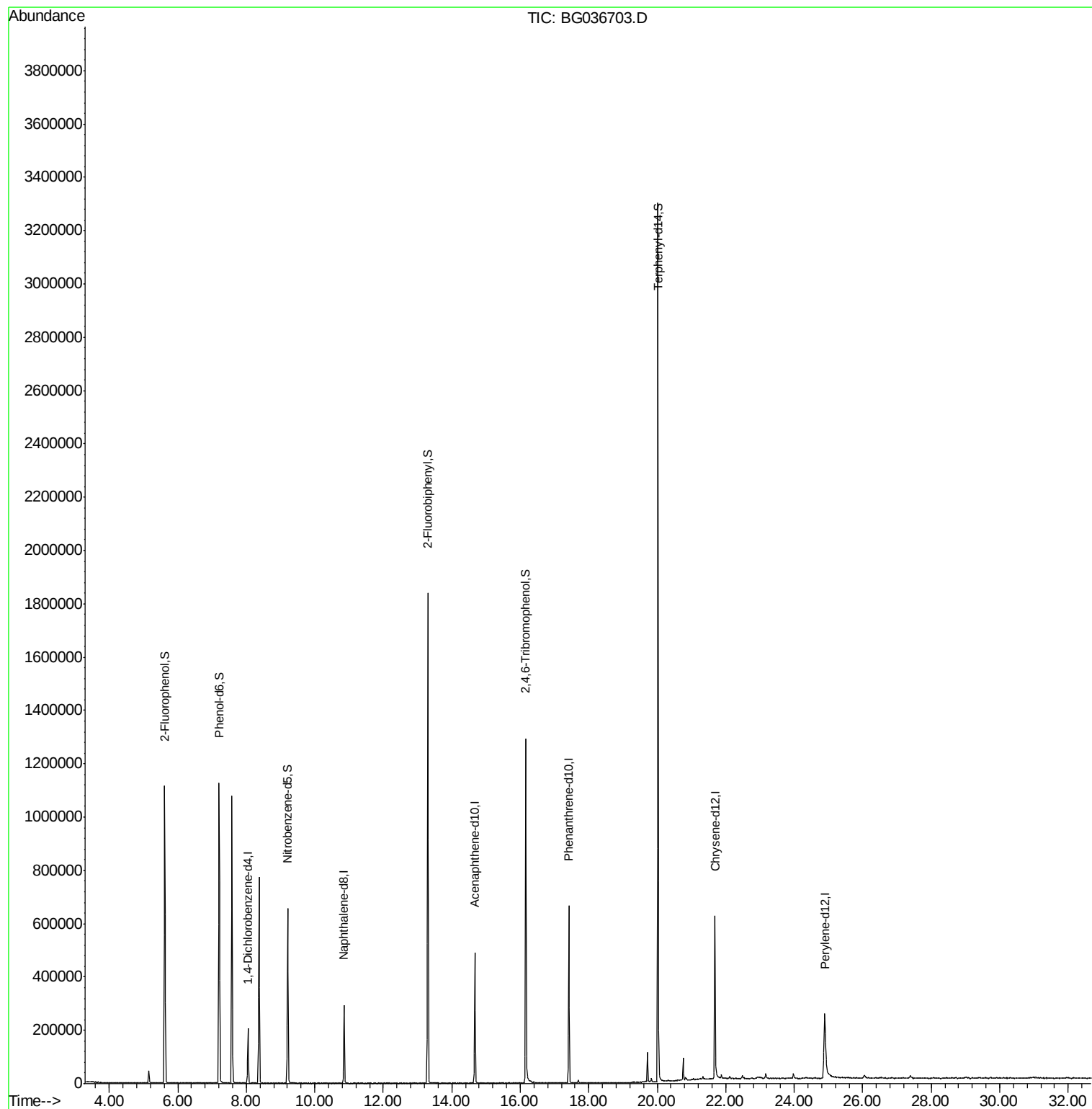
Target Compounds Qvalue

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

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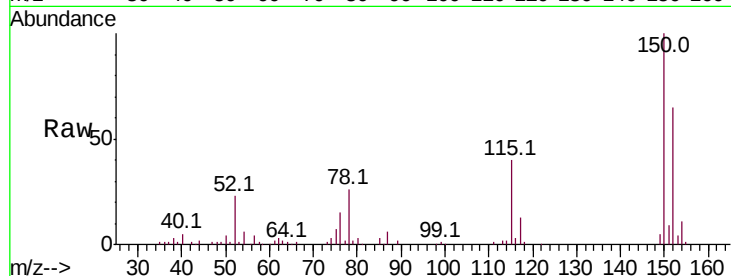


#1

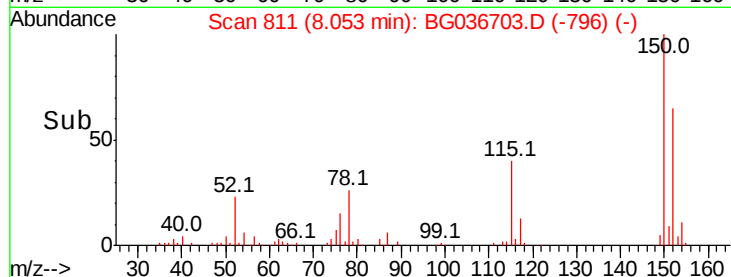
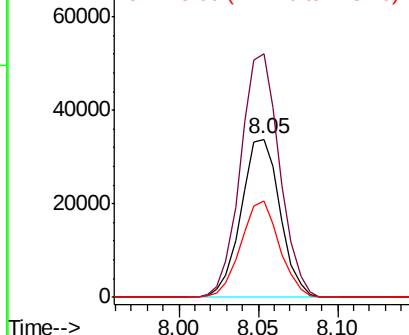
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG036703.D
Acq: 14 Sep 2018 11:54

Instrument :
BNA_G
ClientSampleId :
PB112800BL

Tot Ion:152 Resp: 57810
Ion Ratio Lower Upper
152 100
150 153.8 119.5 179.3
115 61.2 44.5 66.7



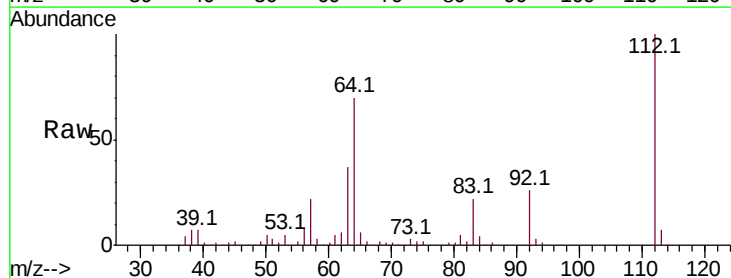
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



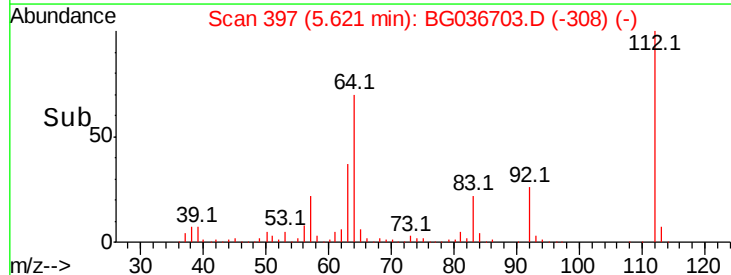
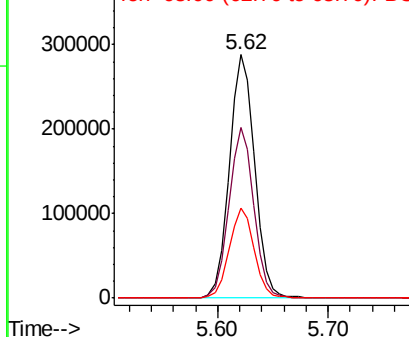
#5

2-Fluorophenol
Concen: 127.067 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.00 min
Lab File: BG036703.D
Acq: 14 Sep 2018 11:54

Tgt Ion:112 Resp: 463074
Ion Ratio Lower Upper
112 100
64 69.9 57.2 85.8
63 37.2 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: 126.550 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036703.D

Acq: 14 Sep 2018 11:54

Instrument :

BNA_G

ClientSampleId :

PB112800BL

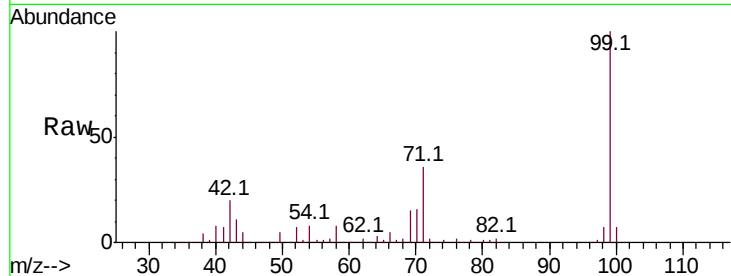
Tot Ion: 99 Resp: 660311

Ion Ratio Lower Upper

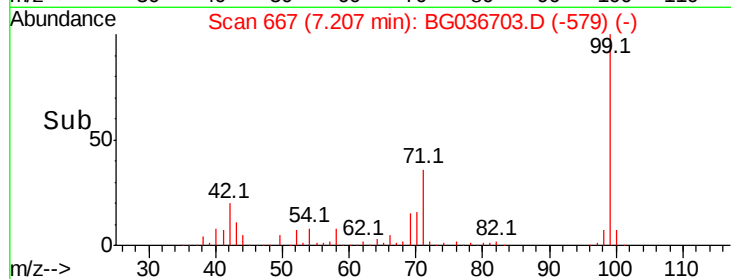
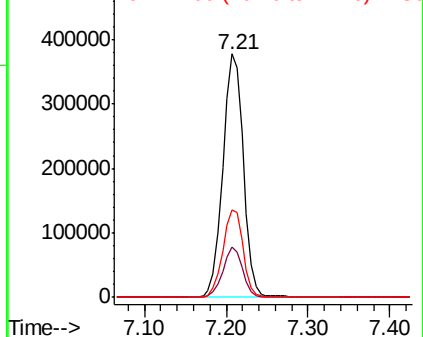
99 100

42 20.4 16.5 24.7

71 36.0 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: BG036703.D

Acq: 14 Sep 2018 11:54

Tgt Ion: 136 Resp: 251320

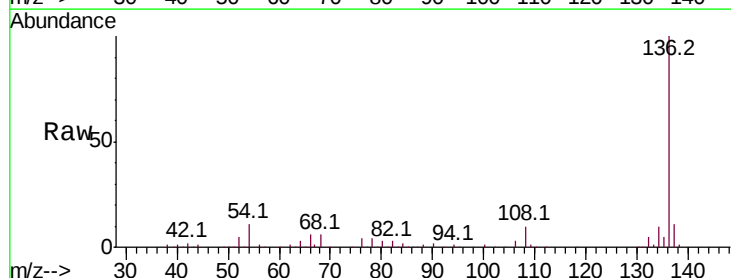
Ion Ratio Lower Upper

136 100

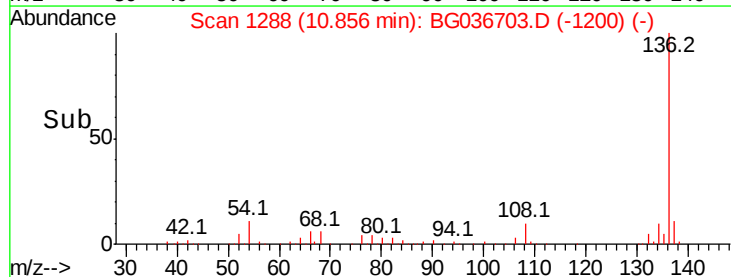
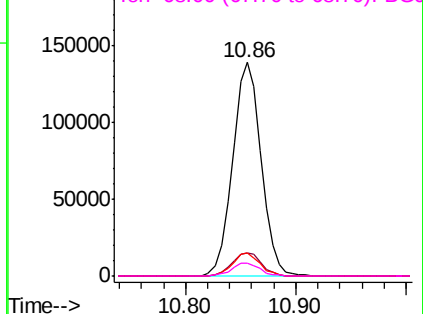
137 10.9 8.8 13.2

54 10.8 9.2 13.8

68 6.2 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

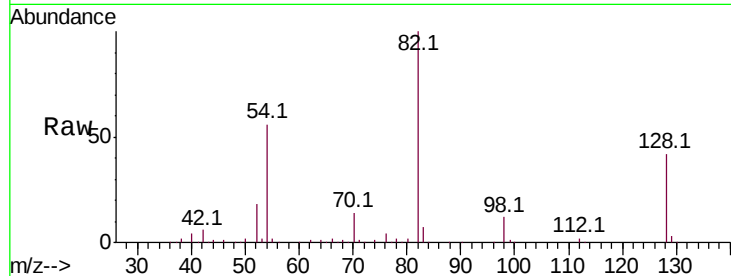




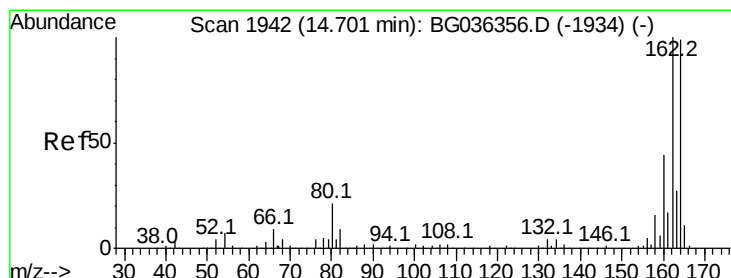
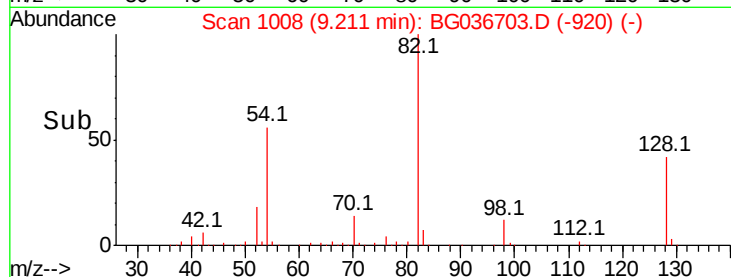
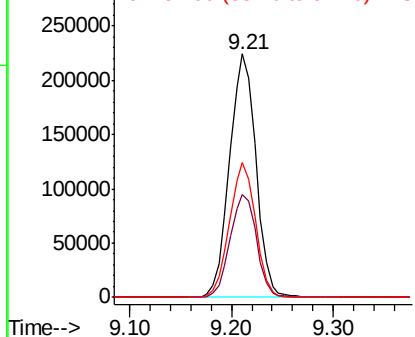
#23
Nitrobenzene-d5
Concen: 87.308 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BG036703.D
Acq: 14 Sep 2018 11:54

Instrument :
BNA_G
ClientSampleId :
PB112800BL

Tot Ion: 82 Resp: 404414
Ion Ratio Lower Upper
82 100
128 42.3 33.3 49.9
54 55.6 45.1 67.7

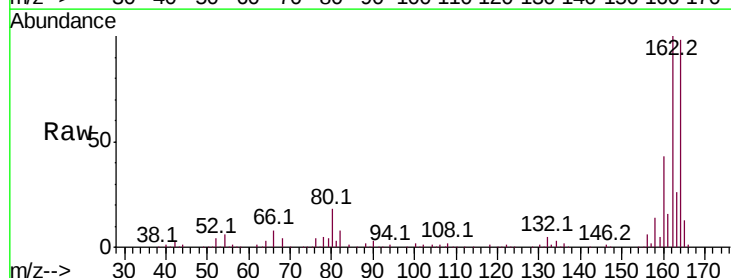


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

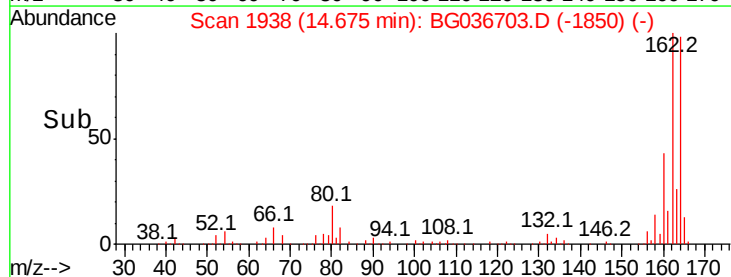
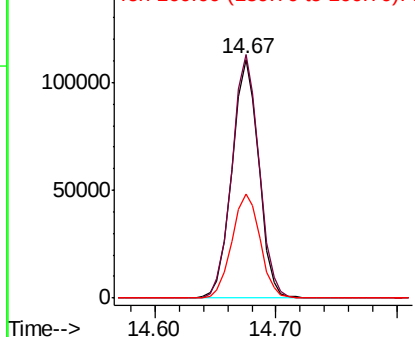


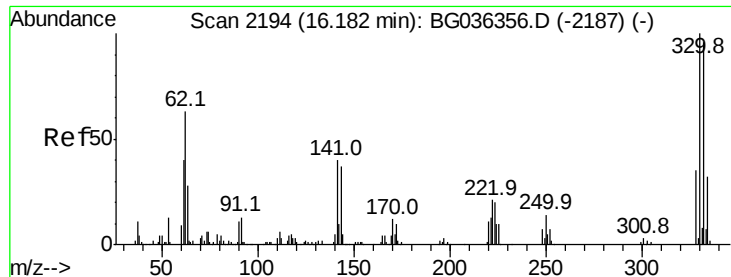
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036703.D
Acq: 14 Sep 2018 11:54

Tgt Ion: 164 Resp: 170833
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 43.4 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

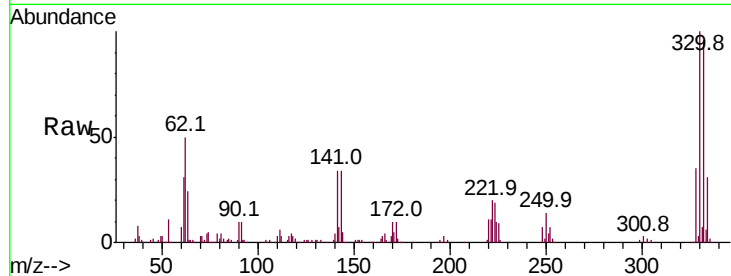




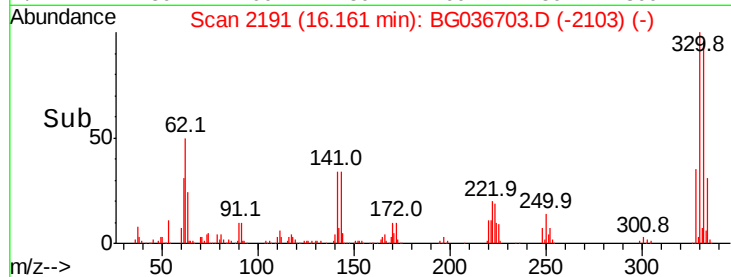
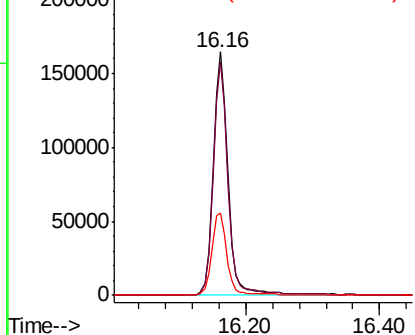
#41
 2,4,6-Tribromophenol
 Concen: 126.635 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036703.D
 Acq: 14 Sep 2018 11:54

Instrument :
 BNA_G
 ClientSampleId :
 PB112800BL

Tot Ion:330 Resp: 258136
 Ion Ratio Lower Upper
 330 100
 332 94.0 75.4 113.2
 141 34.7 30.7 46.1

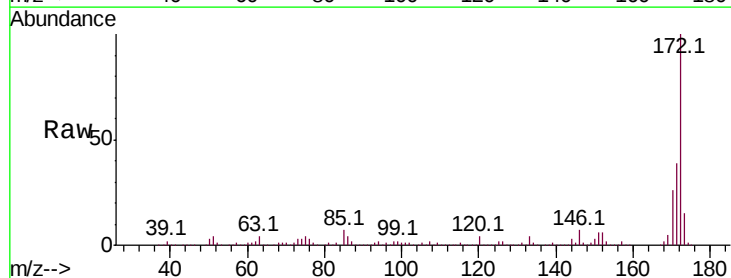


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

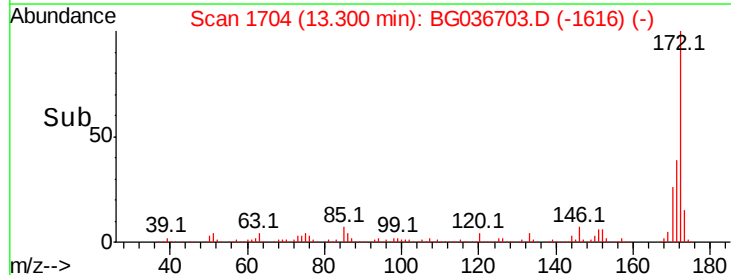
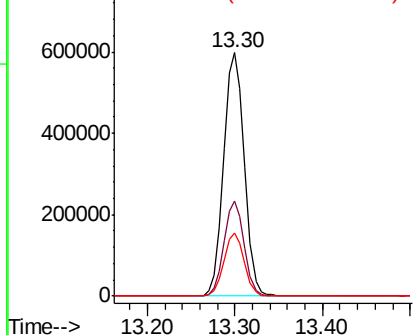


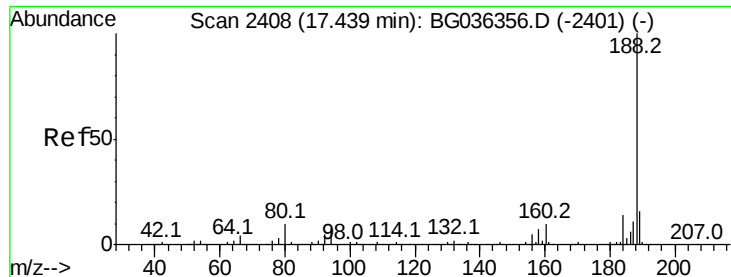
#44
 2-Fluorobiphenyl
 Concen: 81.707 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG036703.D
 Acq: 14 Sep 2018 11:54

Tgt Ion:172 Resp: 977594
 Ion Ratio Lower Upper
 172 100
 171 39.0 31.3 46.9
 170 26.0 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: BG036703.D

Acq: 14 Sep 2018 11:54

Instrument :

BNA_G

ClientSampleId :

PB112800BL

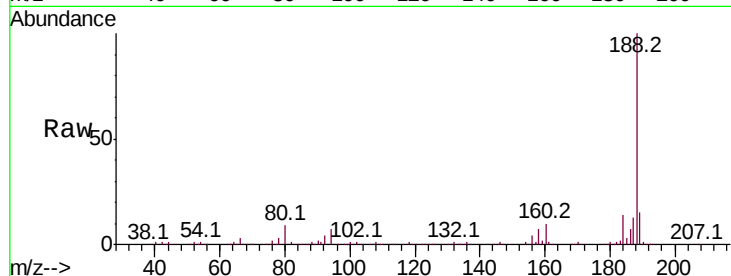
Tot Ion:188 Resp: 428479

Ion Ratio Lower Upper

188 100

94 7.3 6.7 10.1

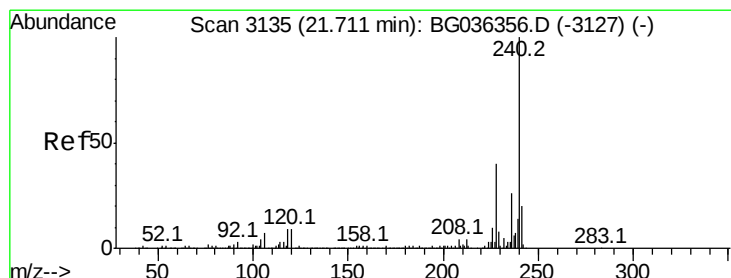
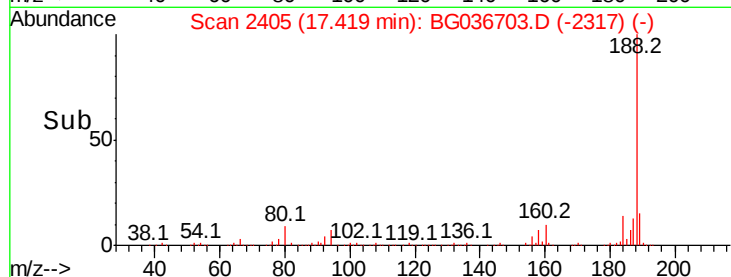
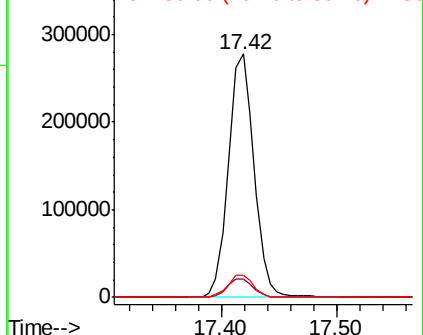
80 9.1 8.1 12.1



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: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036703.D

Acq: 14 Sep 2018 11:54

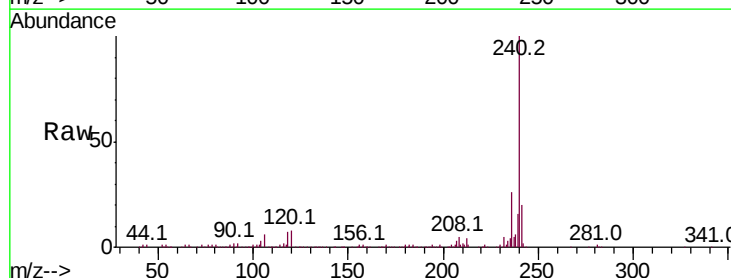
Tgt Ion:240 Resp: 441836

Ion Ratio Lower Upper

240 100

120 7.5 6.9 10.3

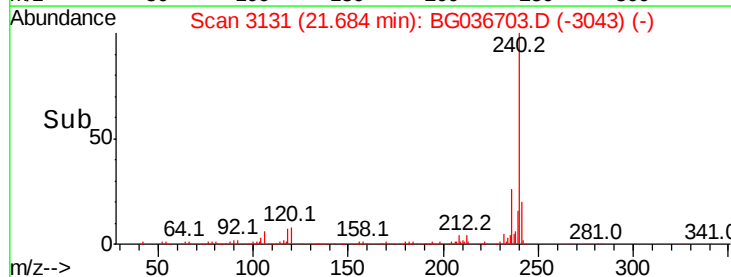
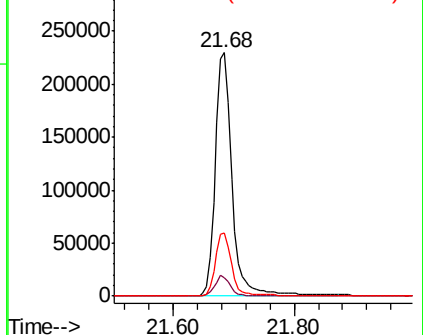
236 25.8 21.2 31.8



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



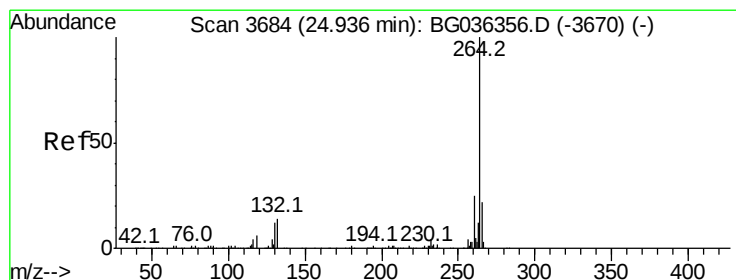
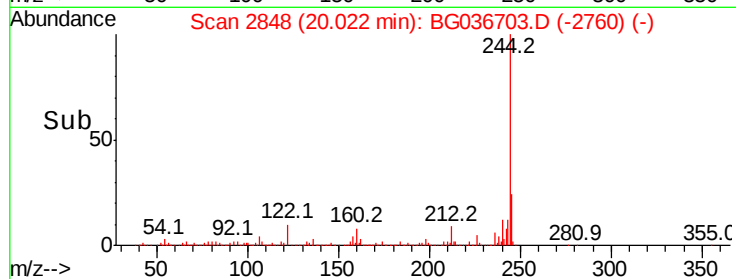
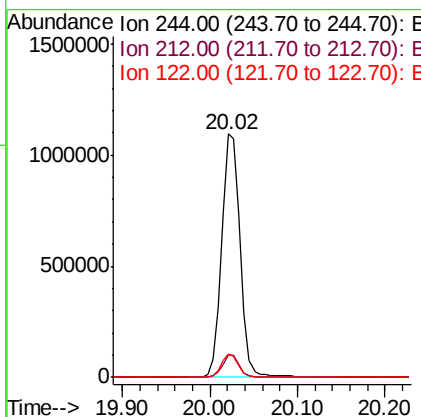
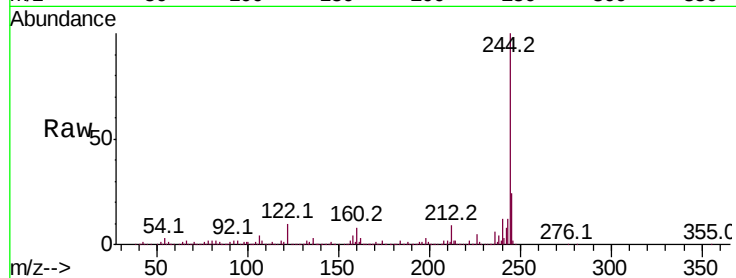


#78
 Terphenyl-d14
 Concen: 84.527 ng
 RT: 20.02 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BG036703.D
 Acq: 14 Sep 2018 11:54

Instrument :
 BNA_G
 ClientSampled :
 PB112800BL

Tot Ion:244 Resp: 1597848

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.6
122	9.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3677
 Delta R.T. -0.01 min
 Lab File: BG036703.D
 Acq: 14 Sep 2018 11:54

Tgt Ion:264 Resp: 366289

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.9	17.4	26.0

