

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034966.D
 Acq On : 7 Jun 2018 23:55
 Operator : SJ/JU
 Sample : PB109967BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB109967BL

Quant Time: Jun 08 05:04:49 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	37906	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	142068	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	104631	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	288847	20.00	ng	0.00
75) Chrysene-d12	21.71	240	314205	20.00	ng	-0.01
86) Perylene-d12	24.96	264	302776	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	308381	137.29	ng	0.00
7) Phenol-d6	7.23	99	456140	137.59	ng	0.00
23) Nitrobenzene-d5	9.24	82	280856	93.97	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	193841	144.72	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	693348	86.15	ng	0.00
78) Terphenyl-d14	20.06	244	1308591	87.24	ng	0.00

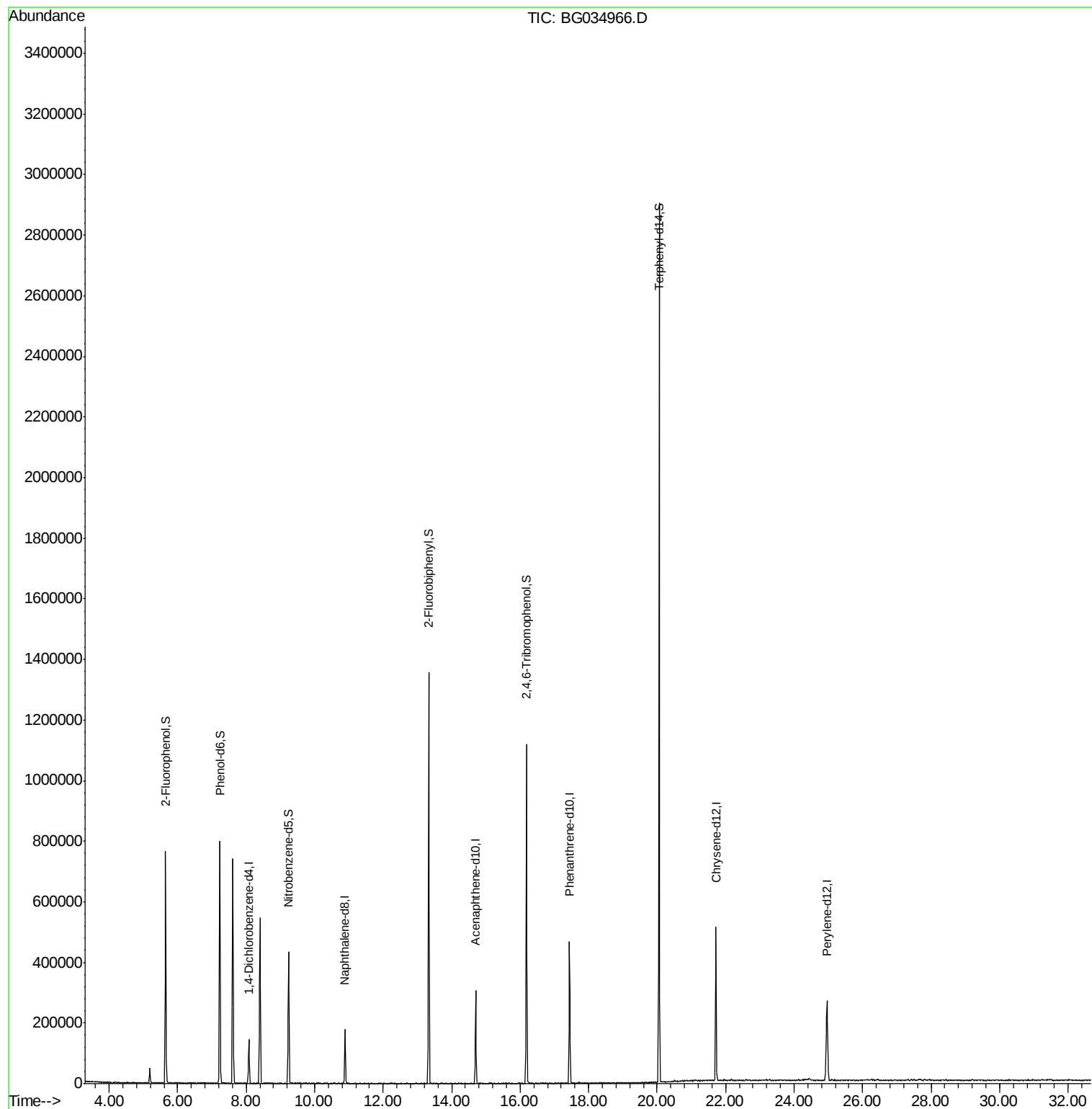
Target Compounds Qvalue

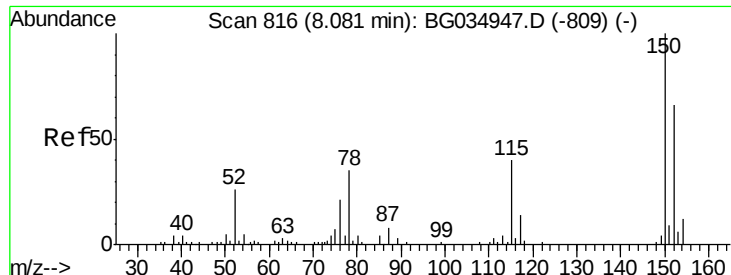
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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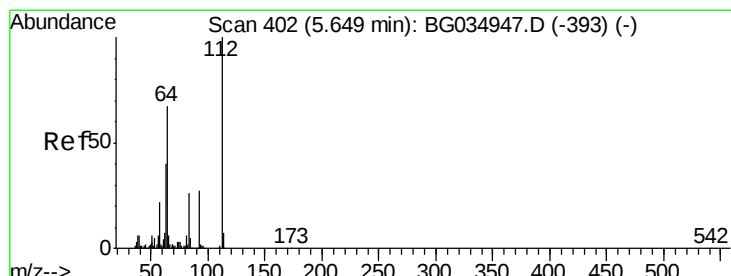
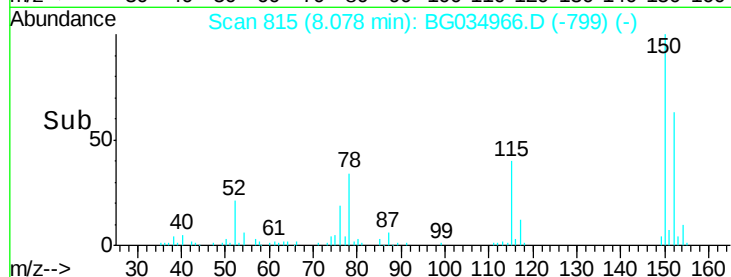
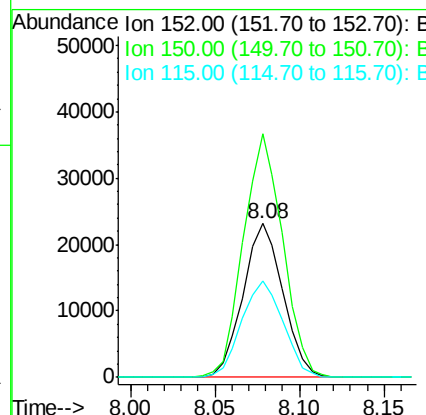
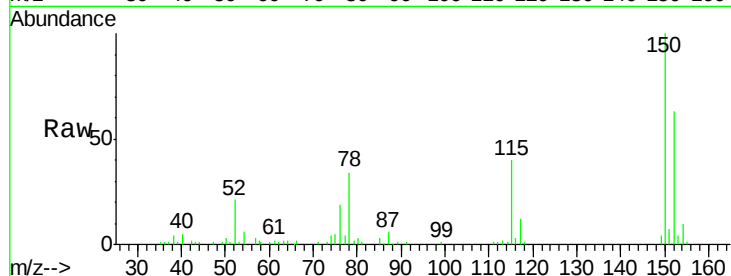


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :
PB109967BL

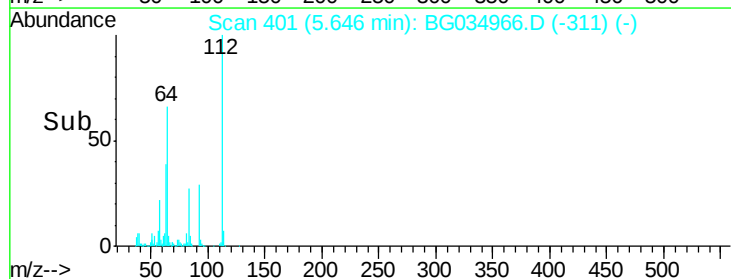
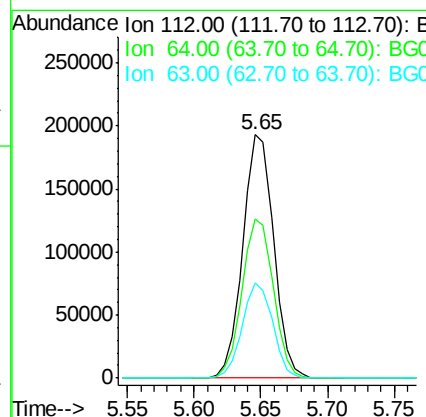
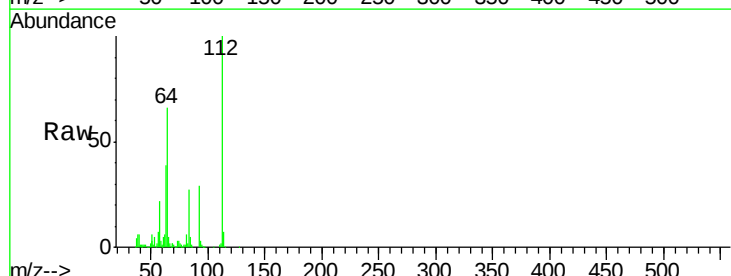
Tot Ion:152 Resp: 37906
Ion Ratio Lower Upper
152 100
150 158.7 126.6 189.8
115 63.2 53.0 79.4

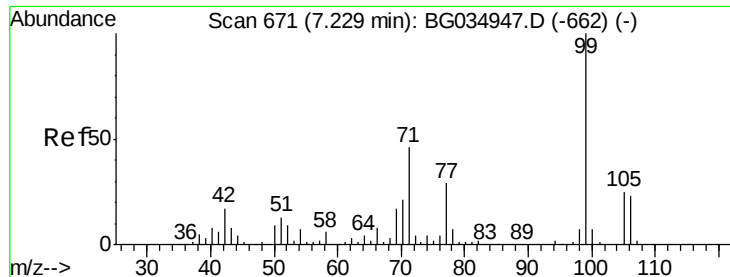


#5

2-Fluorophenol
Concen: 137.294 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion:112 Resp: 308381
Ion Ratio Lower Upper
112 100
64 65.6 56.3 84.5
63 39.0 30.1 45.1





#7

Phenol-d6

Concen: 137.592 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG034966.D

Acq: 7 Jun 2018 23:55

Instrument :

BNA_G

ClientSampleId :

PB109967BL

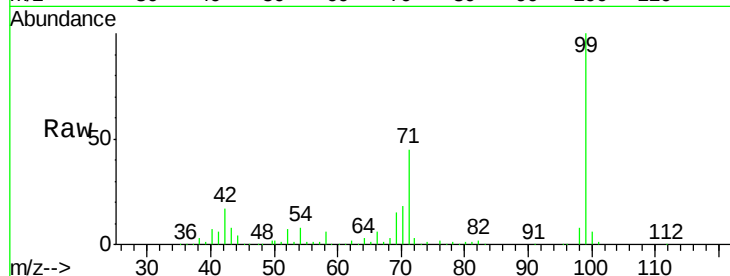
Tot Ion: 99 Resp: 456140

Ion Ratio Lower Upper

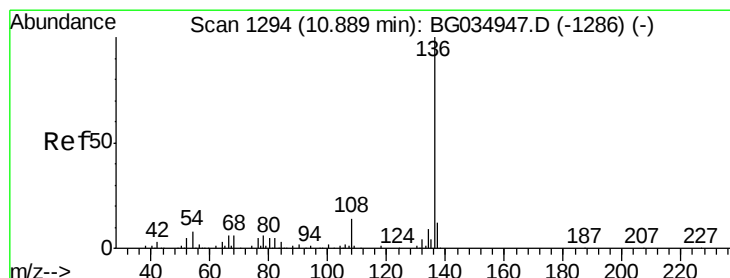
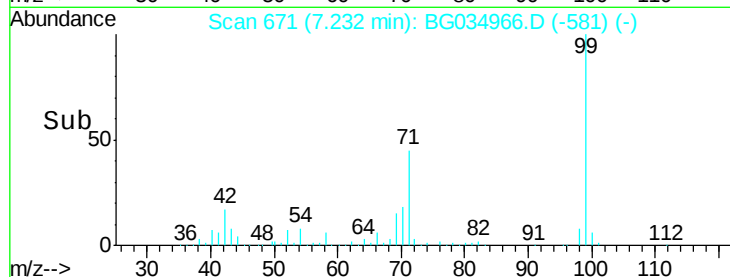
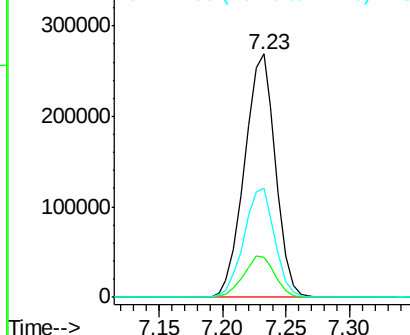
99 100

42 16.6 14.1 21.1

71 45.1 26.1 39.1#



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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034966.D

Acq: 7 Jun 2018 23:55

Tgt Ion:136 Resp: 142068

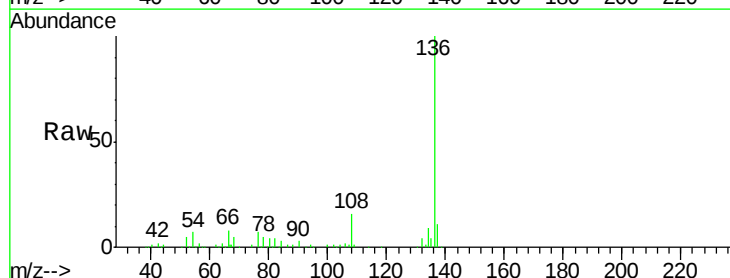
Ion Ratio Lower Upper

136 100

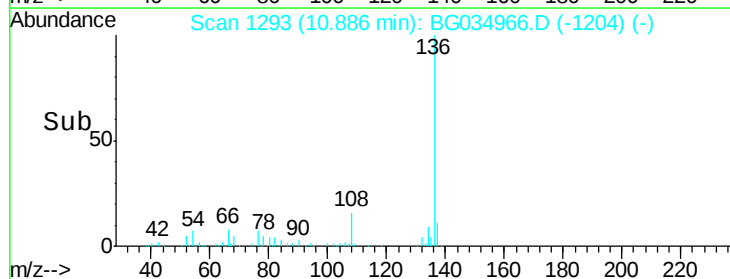
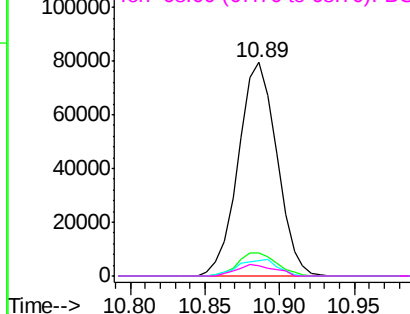
137 10.6 9.2 13.8

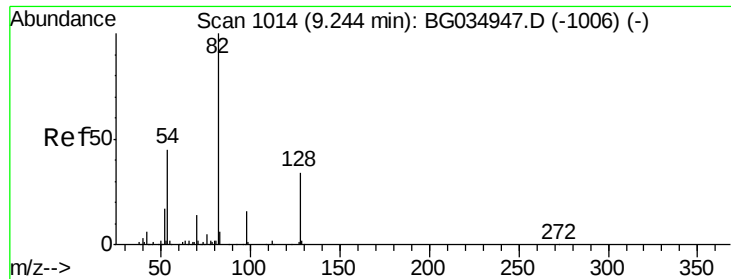
54 7.5 10.3 15.5#

68 4.8 4.5 6.7



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

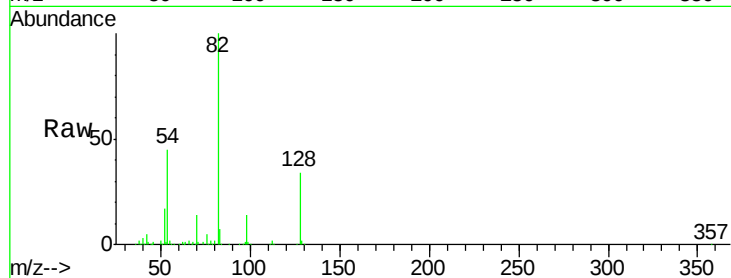




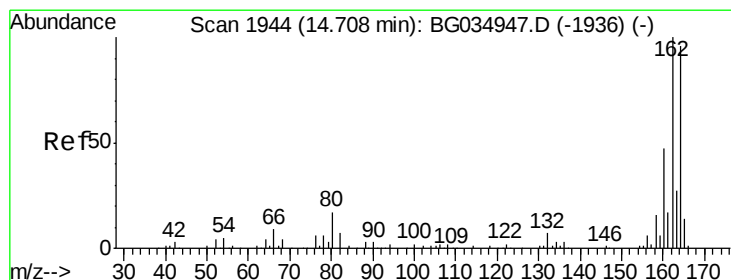
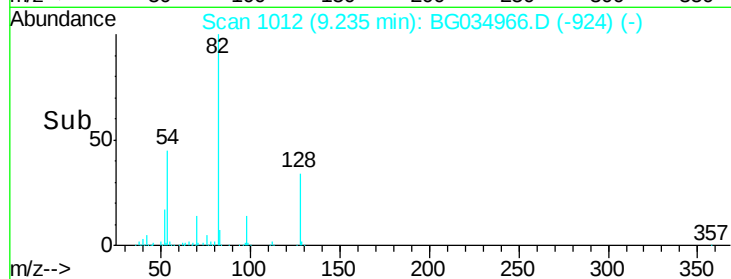
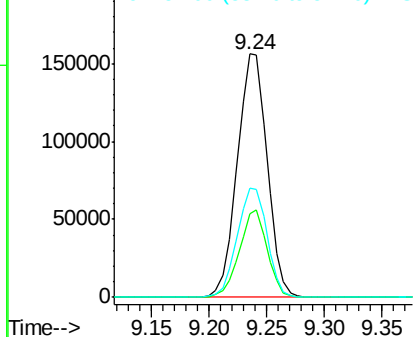
#23
Nitrobenzene-d5
Concen: 93.971 ng
RT: 9.24 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Instrument :
BNA_G
ClientSampleId :
PB109967BL

Tot Ion	82	Resp	280856
Ion Ratio	Lower	Upper	
82	100		
128	34.1	29.7	44.5
54	45.1	43.1	64.7

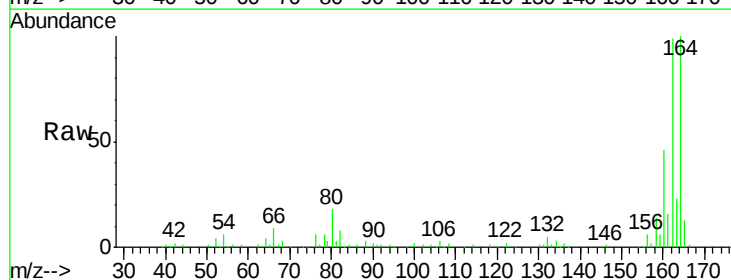


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

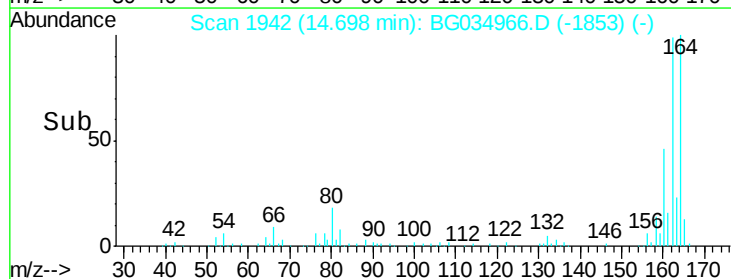
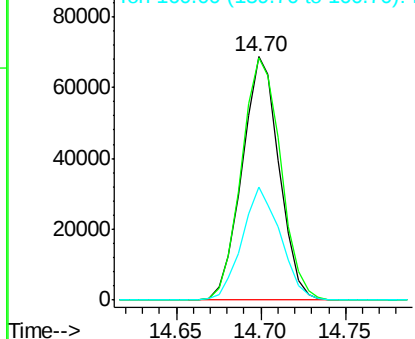


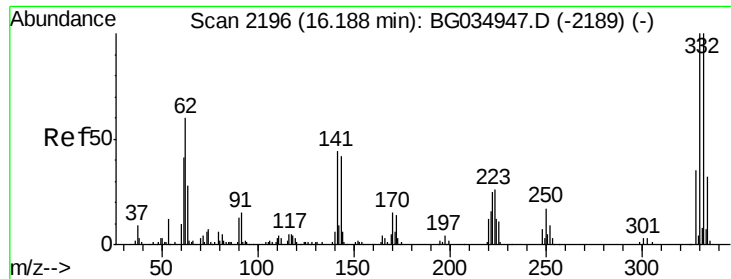
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion	164	Resp	104631
Ion Ratio	Lower	Upper	
164	100		
162	99.3	78.8	118.2
160	46.4	35.4	53.0



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

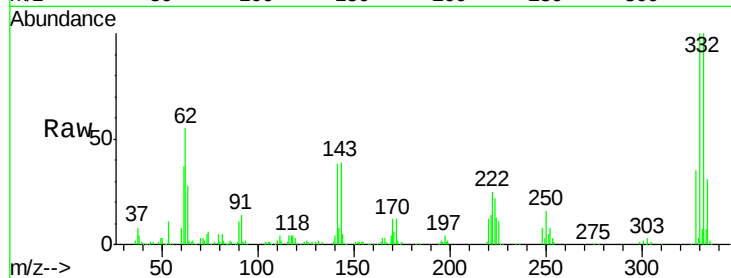




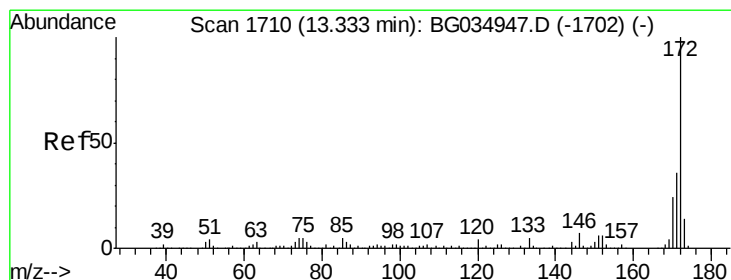
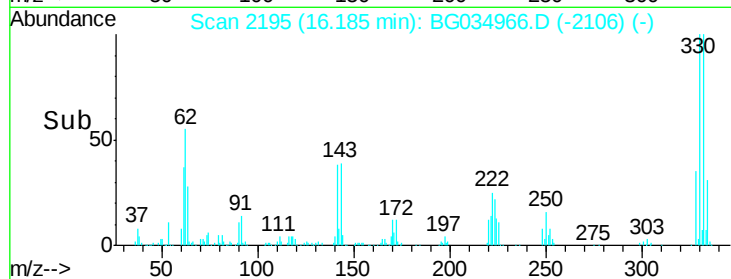
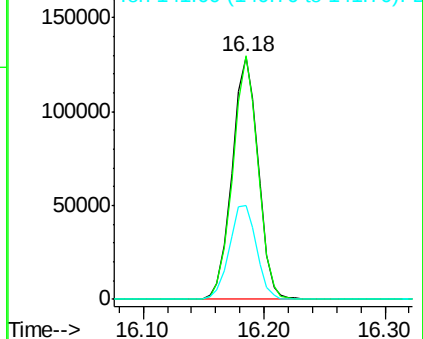
#41
 2,4,6-Tribromophenol
 Concen: 144.721 ng
 RT: 16.18 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BG034966.D
 Acq: 7 Jun 2018 23:55

Instrument :
 BNA_G
 ClientSampleId :
 PB109967BL

Tot Ion:330 Resp: 193841
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 40.0 25.2 37.8#

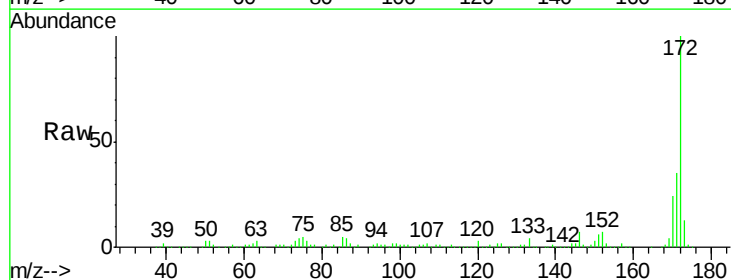


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

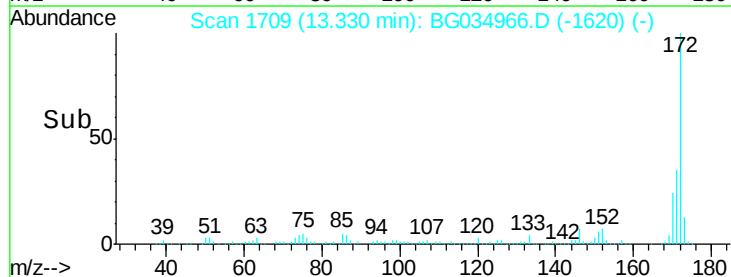
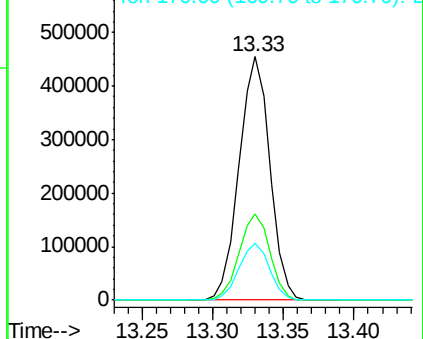


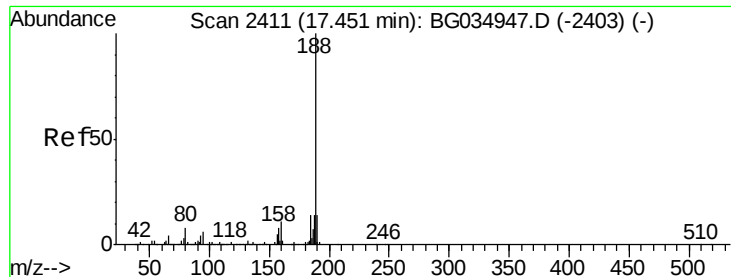
#44
 2-Fluorobiphenyl
 Concen: 86.146 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG034966.D
 Acq: 7 Jun 2018 23:55

Tgt Ion:172 Resp: 693348
 Ion Ratio Lower Upper
 172 100
 171 35.3 30.0 45.0
 170 23.5 19.5 29.3



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

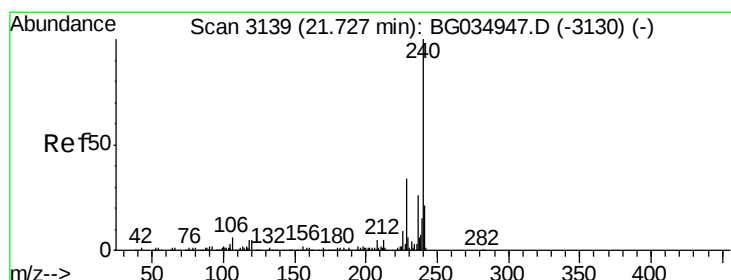
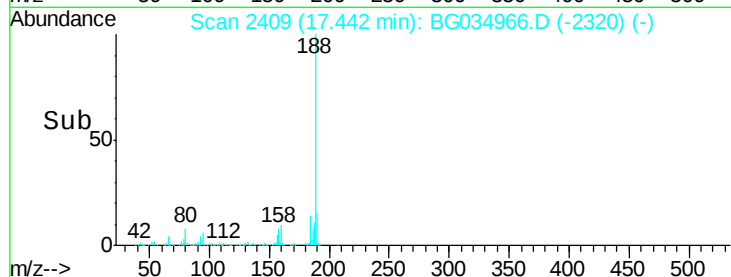
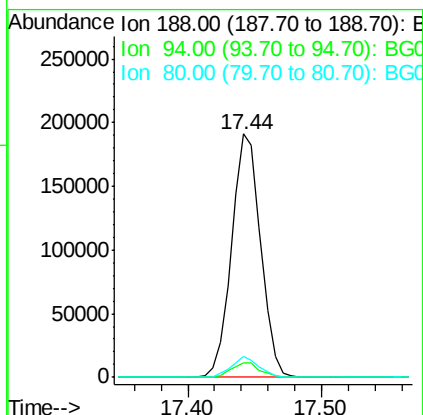
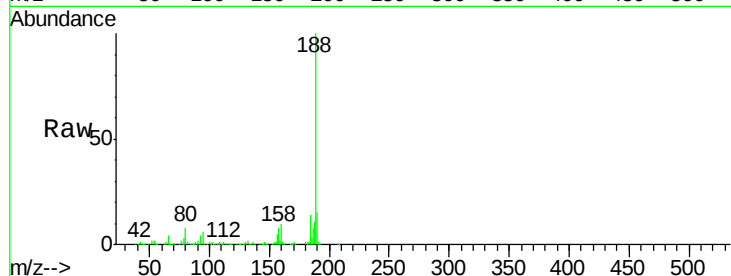




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

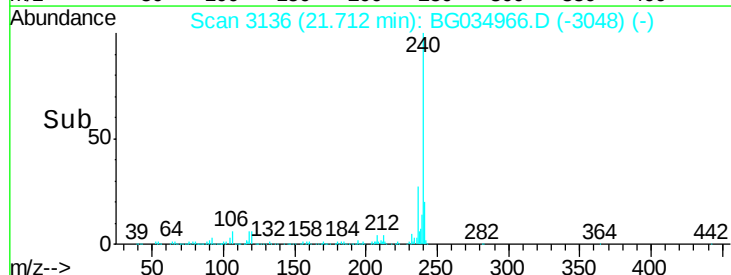
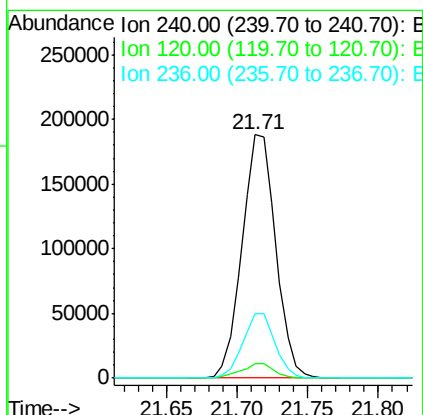
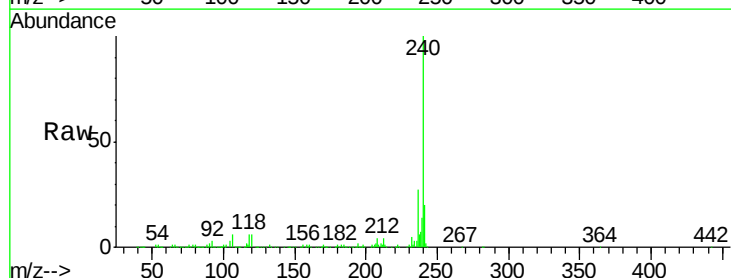
Instrument :
BNA_G
ClientSampleId :
PB109967BL

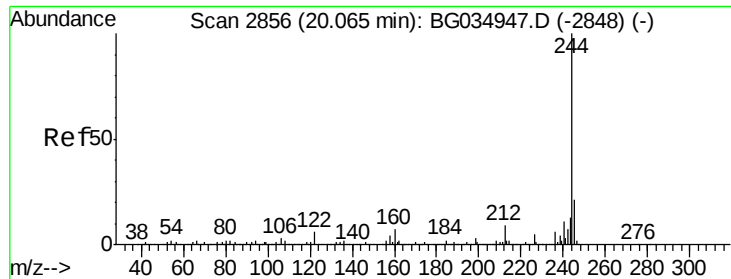
Tot Ion:188 Resp: 288847
Ion Ratio Lower Upper
188 100
94 5.9 6.9 10.3#
80 8.4 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG034966.D
Acq: 7 Jun 2018 23:55

Tgt Ion:240 Resp: 314205
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 26.5 20.9 31.3





#78

Terphenyl-d14

Concen: 87.238 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034966.D

Acq: 7 Jun 2018 23:55

Instrument :

BNA_G

ClientSampleId :

PB109967BL

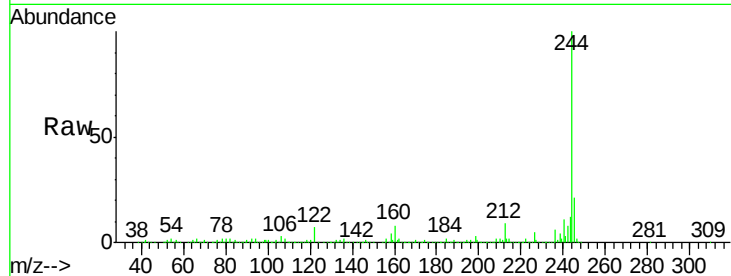
Tot Ion:244 Resp: 1308591

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

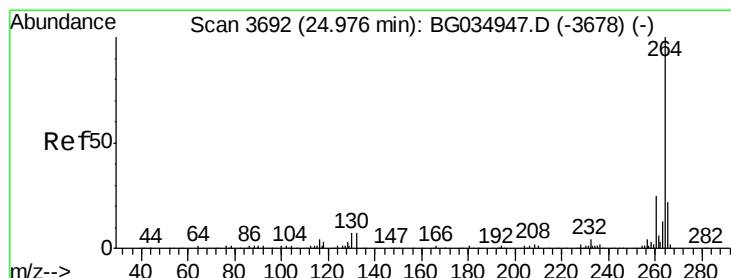
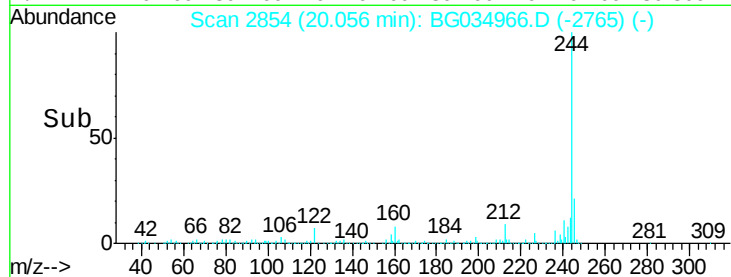
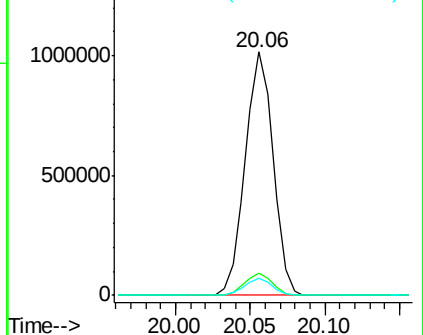
122 6.9 7.0 10.4#



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: 24.96 min Scan# 3688

Delta R.T. -0.03 min

Lab File: BG034966.D

Acq: 7 Jun 2018 23:55

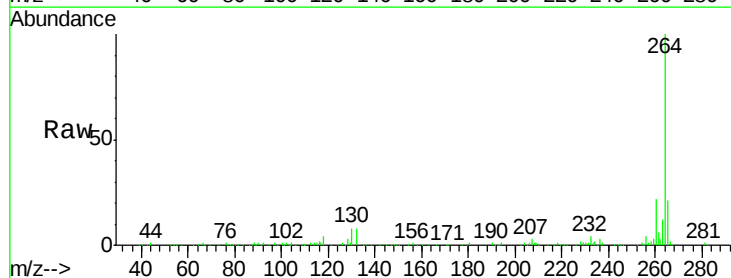
Tgt Ion:264 Resp: 302776

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 20.5 17.7 26.5



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

