

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034969.D
 Acq On : 8 Jun 2018 1:52
 Operator : SJ/JU
 Sample : PB110034TB
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110034TB

Quant Time: Jun 08 05:09:26 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	44305	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	160752	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	119418	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	331161	20.00	ng	0.00
75) Chrysene-d12	21.71	240	359353	20.00	ng	-0.01
86) Perylene-d12	24.96	264	345814	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	299678	114.15	ng	0.00
7) Phenol-d6	7.23	99	439083	113.32	ng	0.00
23) Nitrobenzene-d5	9.24	82	273302	80.82	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	199116	130.25	ng	0.00
44) 2-Fluorobiphenyl	13.33	172	664972	72.39	ng	0.00
78) Terphenyl-d14	20.06	244	1292907	75.36	ng	0.00

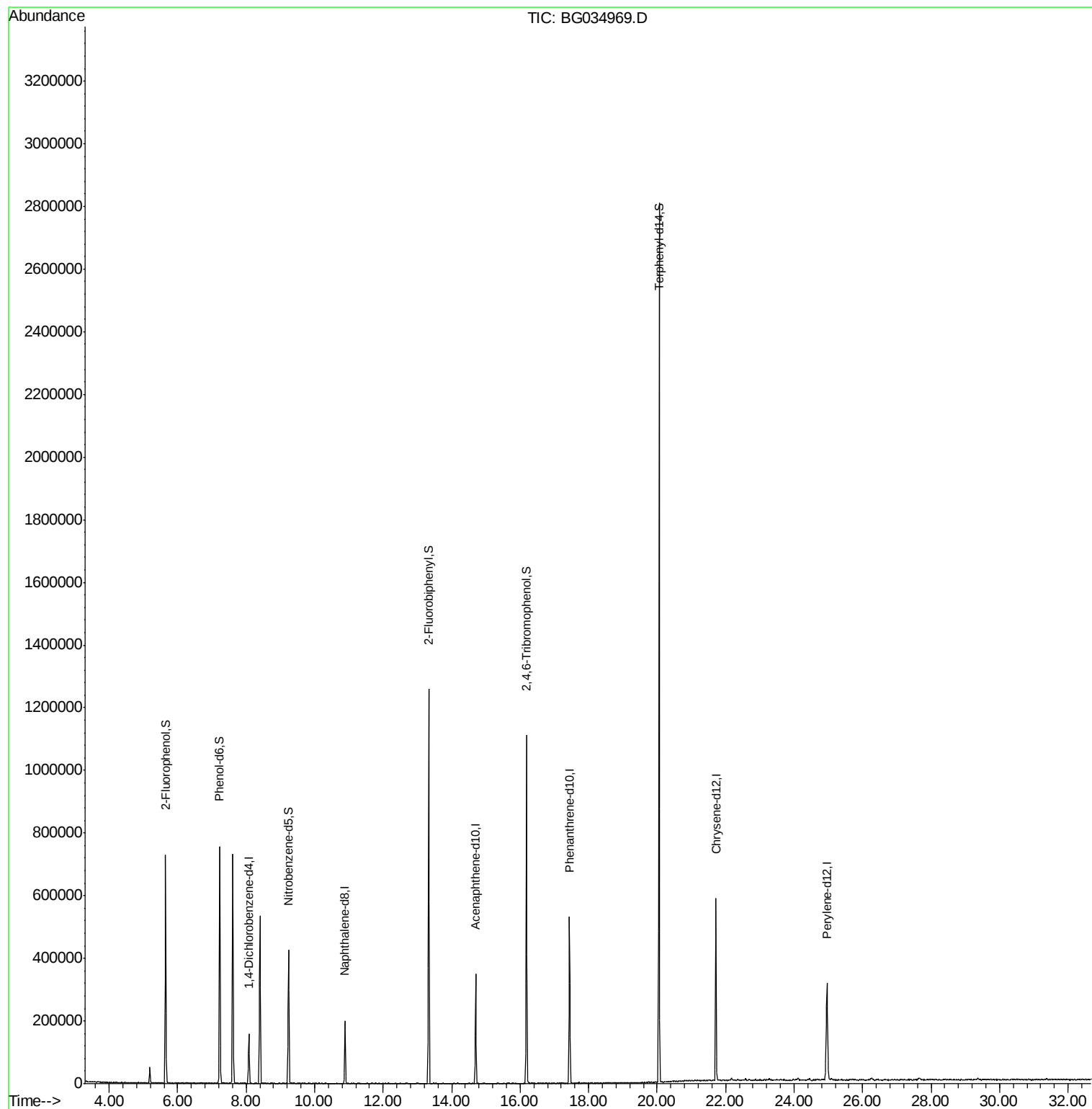
Target Compounds Qvalue

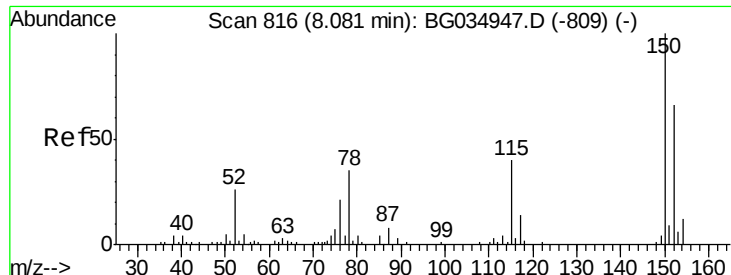
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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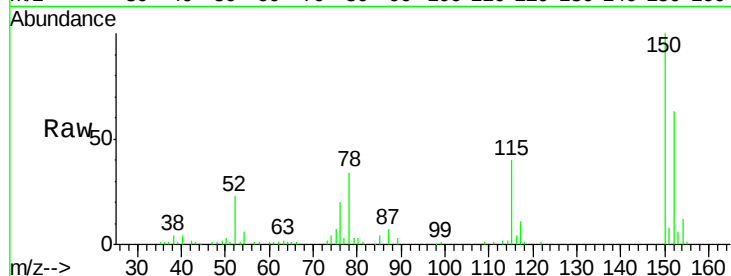


#1

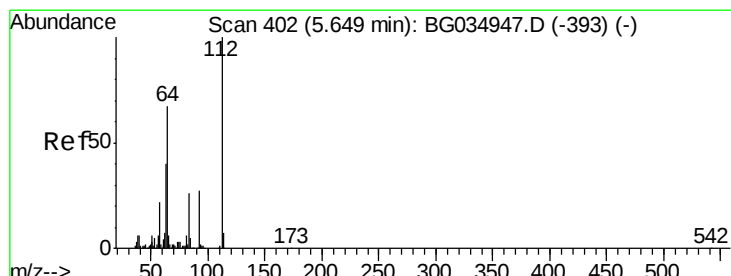
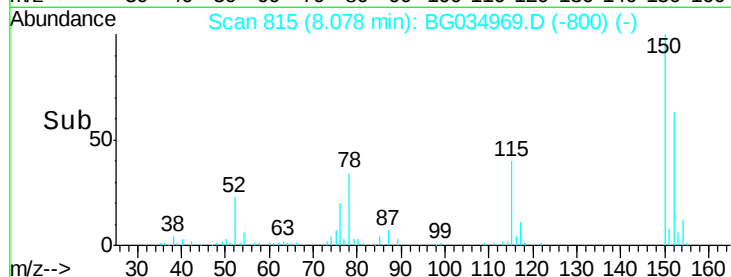
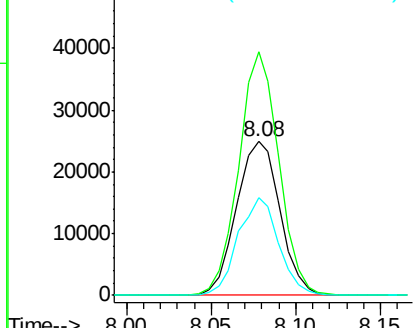
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034969.D
Acq: 8 Jun 2018 1:52

Instrument :
BNA_G
ClientSampleId :
PB110034TB

Tot Ion:152 Resp: 44305
Ion Ratio Lower Upper
152 100
150 158.3 126.6 189.8
115 63.8 53.0 79.4



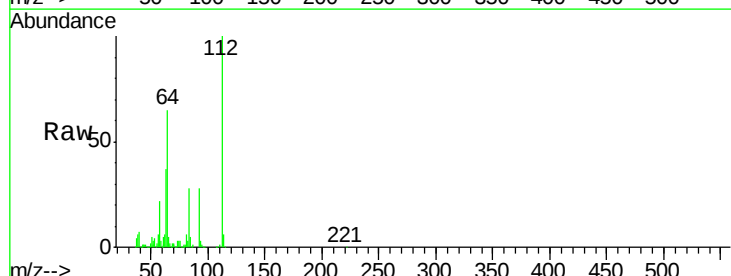
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



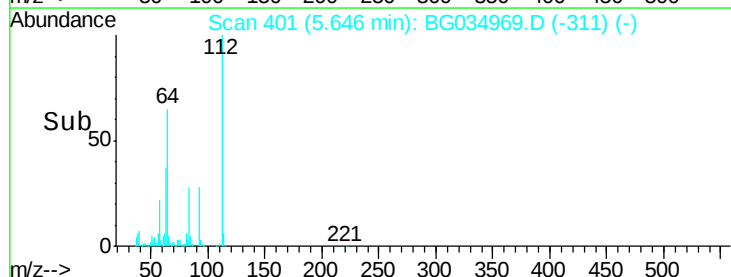
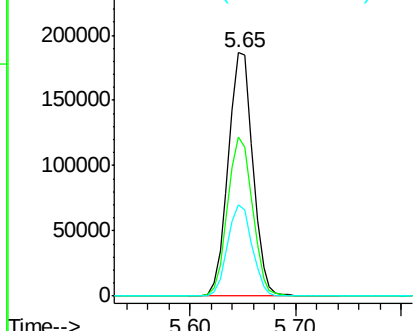
#5

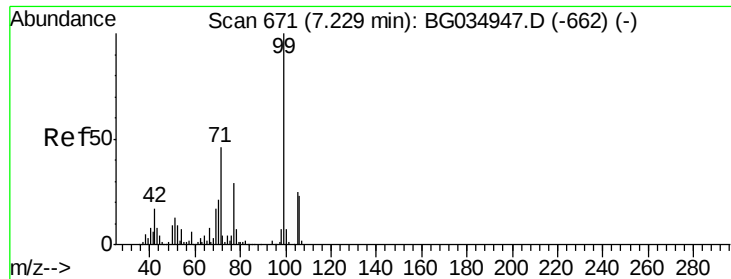
2-Fluorophenol
Concen: 114.149 ng
RT: 5.65 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG034969.D
Acq: 8 Jun 2018 1:52

Tgt Ion:112 Resp: 299678
Ion Ratio Lower Upper
112 100
64 65.3 56.3 84.5
63 37.4 30.1 45.1



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: 113.317 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB110034TB

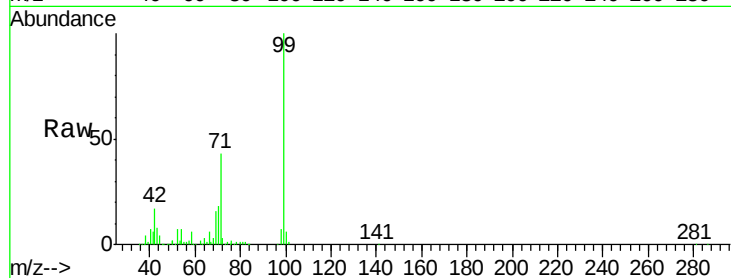
Tot Ion: 99 Resp: 439083

Ion Ratio Lower Upper

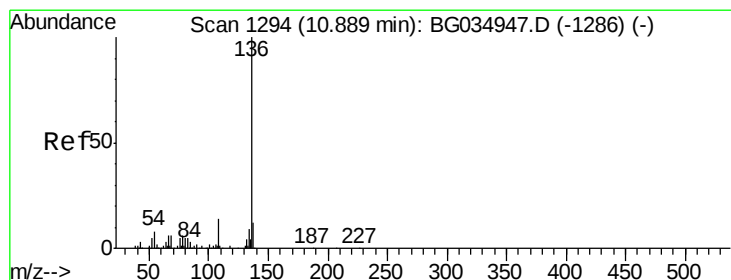
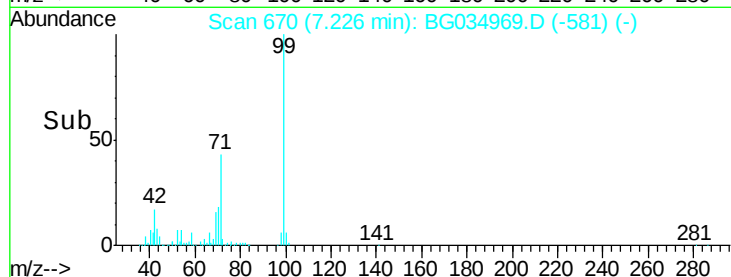
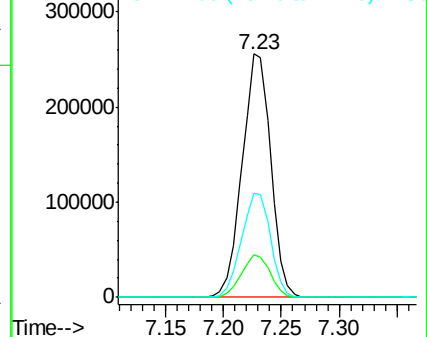
99 100

42 17.3 14.1 21.1

71 42.5 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: BG034969.D

Acq: 8 Jun 2018 1:52

Tgt Ion: 136 Resp: 160752

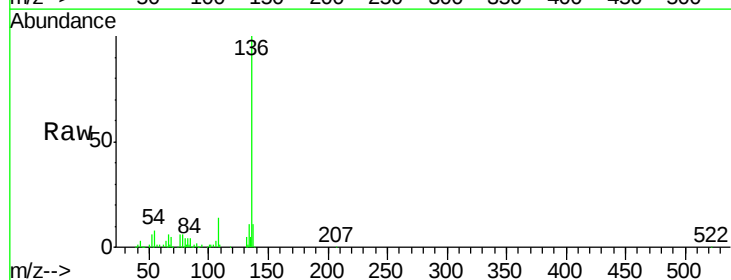
Ion Ratio Lower Upper

136 100

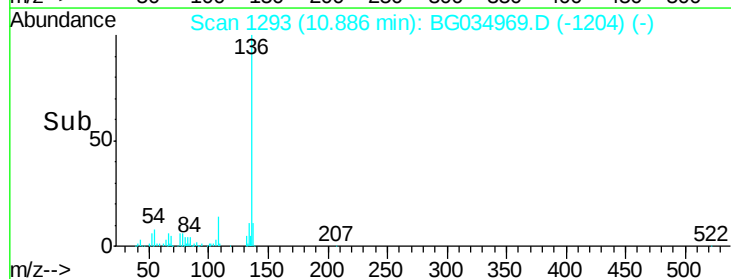
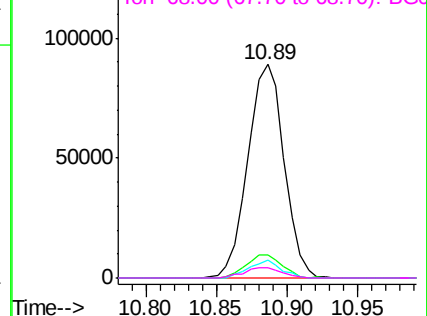
137 10.9 9.2 13.8

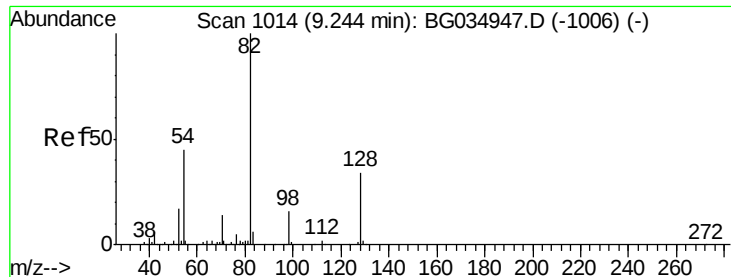
54 8.2 10.3 15.5#

68 5.0 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: 80.815 ng

RT: 9.24 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB110034TB

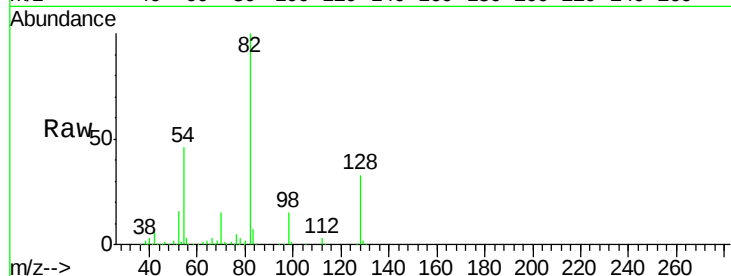
Tot Ion: 82 Resp: 273302

Ion Ratio Lower Upper

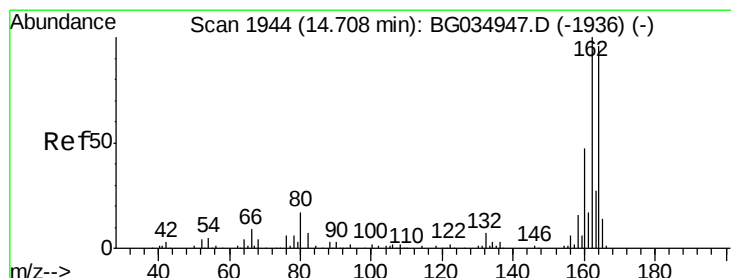
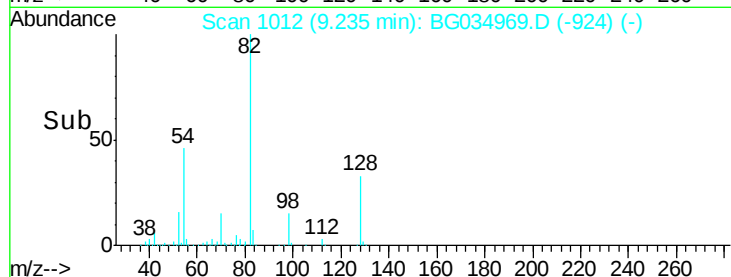
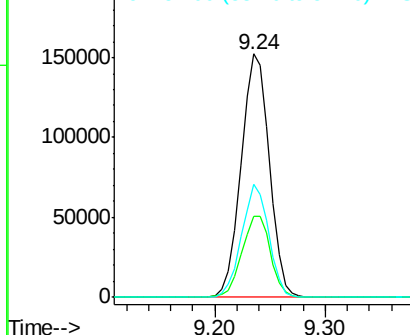
82 100

128 33.3 29.7 44.5

54 46.3 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: BG034969.D

Acq: 8 Jun 2018 1:52

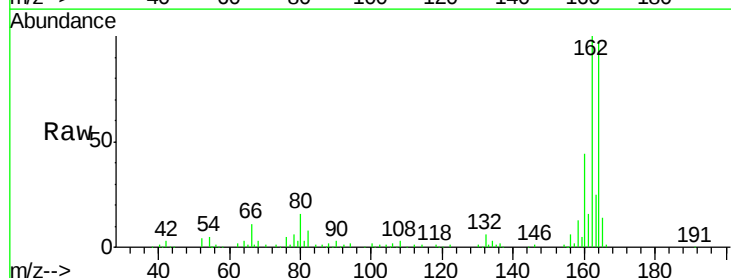
Tgt Ion:164 Resp: 119418

Ion Ratio Lower Upper

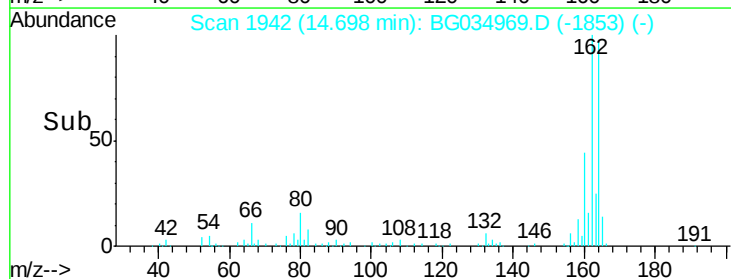
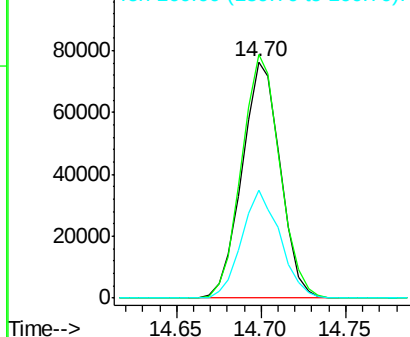
164 100

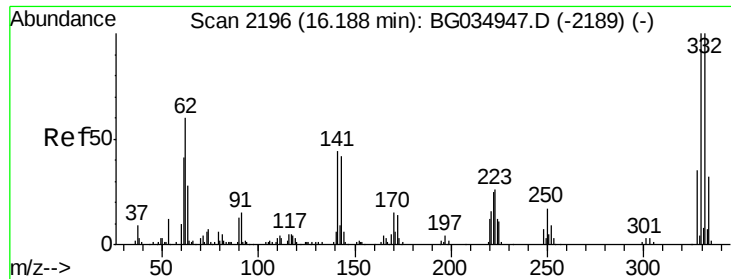
162 103.1 78.8 118.2

160 45.7 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: 130.252 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB110034TB

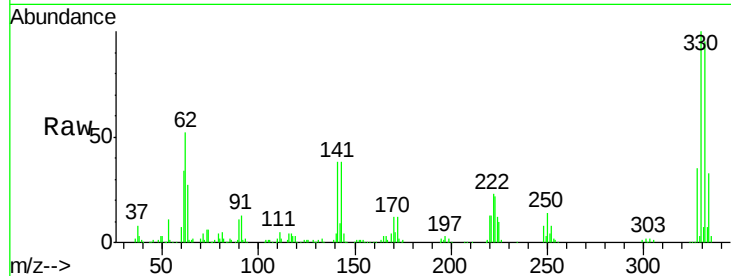
Tot Ion:330 Resp: 199116

Ion Ratio Lower Upper

330 100

332 92.9 77.0 115.6

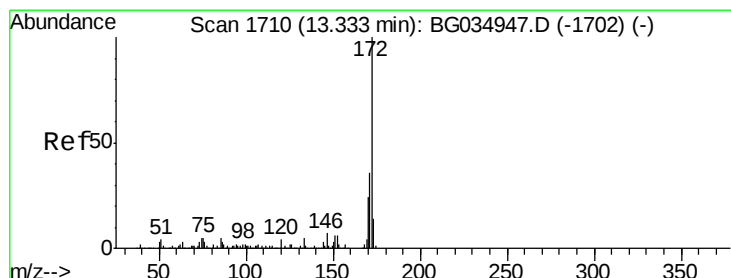
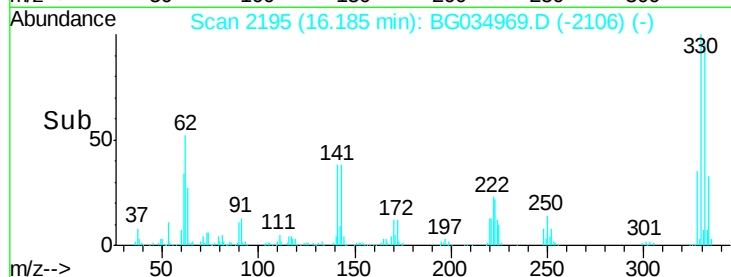
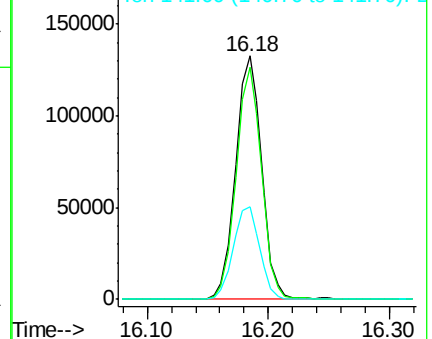
141 38.8 25.2 37.8#



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: 72.390 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

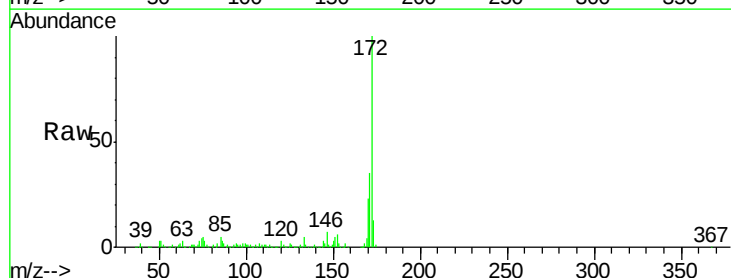
Tgt Ion:172 Resp: 664972

Ion Ratio Lower Upper

172 100

171 34.7 30.0 45.0

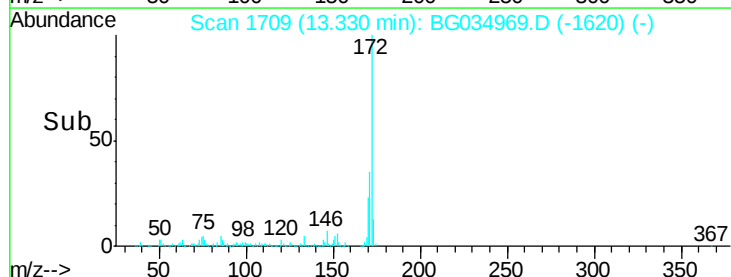
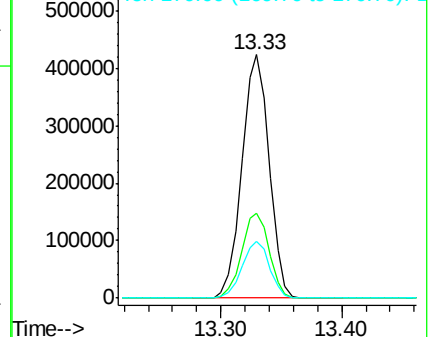
170 23.5 19.5 29.3

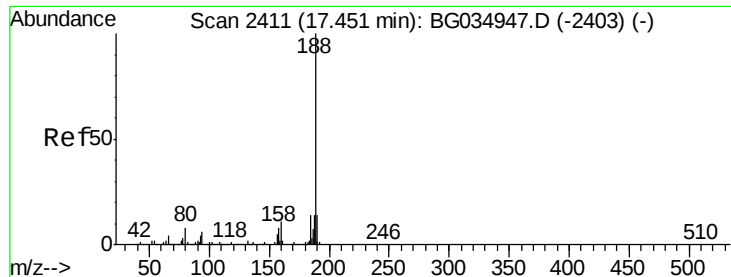


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG034969.D

Acq: 8 Jun 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB110034TB

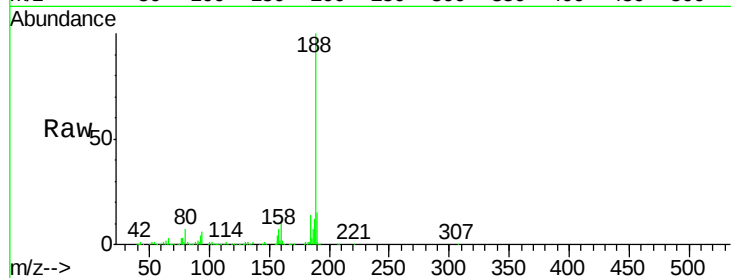
Tot Ion:188 Resp: 331161

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

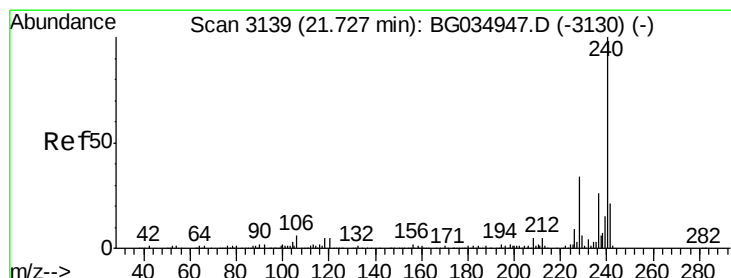
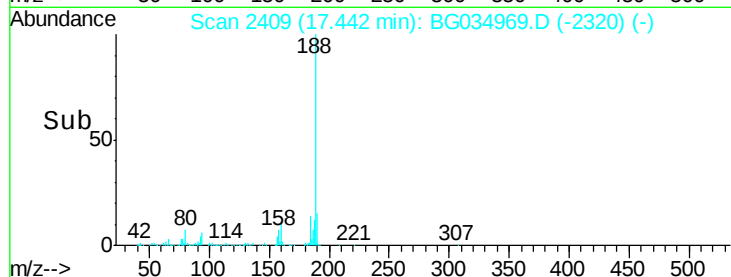
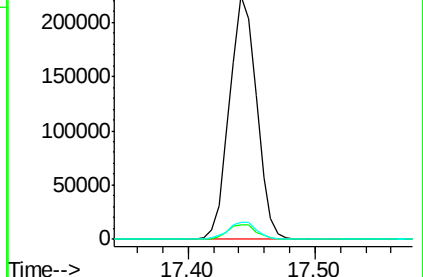
80 7.0 7.7 11.5#



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: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

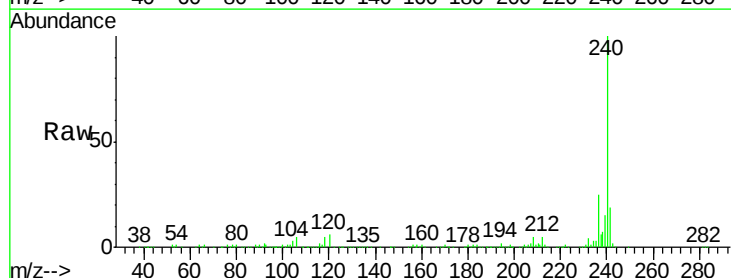
Tgt Ion:240 Resp: 359353

Ion Ratio Lower Upper

240 100

120 6.0 6.8 10.2#

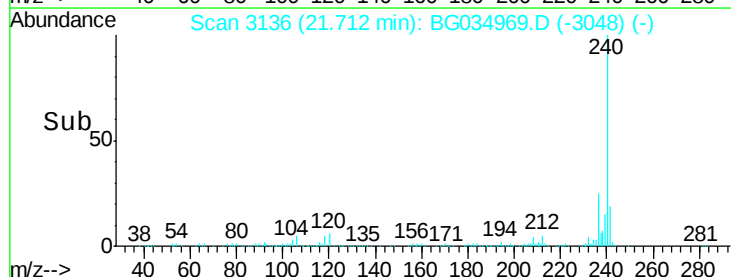
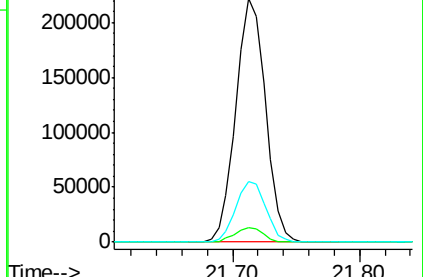
236 25.1 20.9 31.3

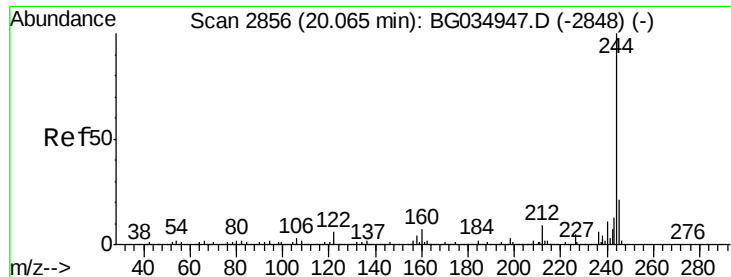


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.364 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB110034TB

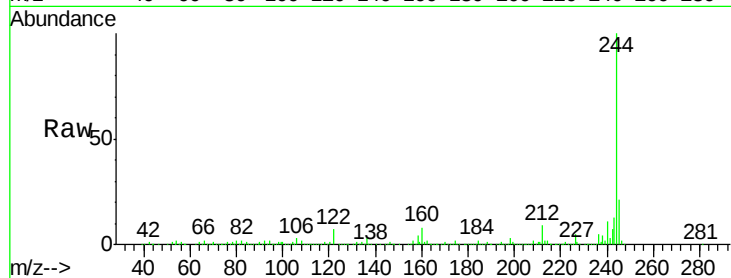
Tot Ion:244 Resp: 1292907

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

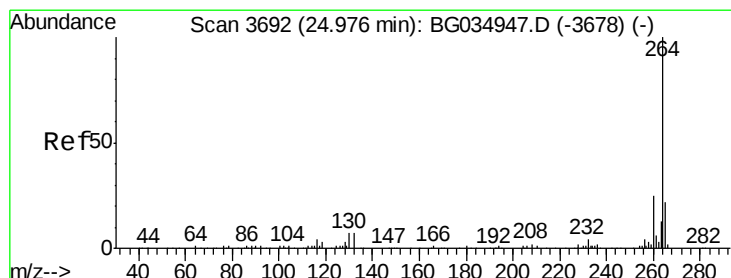
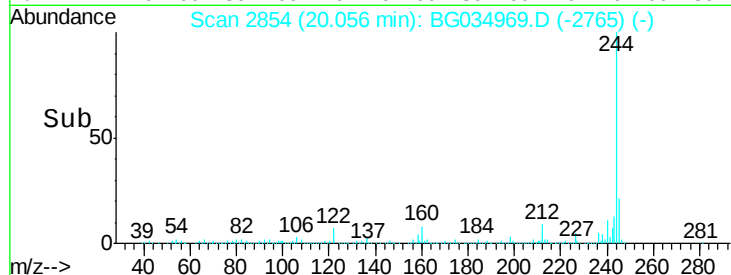
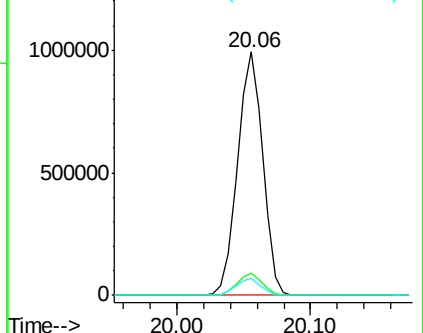
122 6.8 7.0 10.4#



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# 3689

Delta R.T. -0.02 min

Lab File: BG034969.D

Acq: 8 Jun 2018 1:52

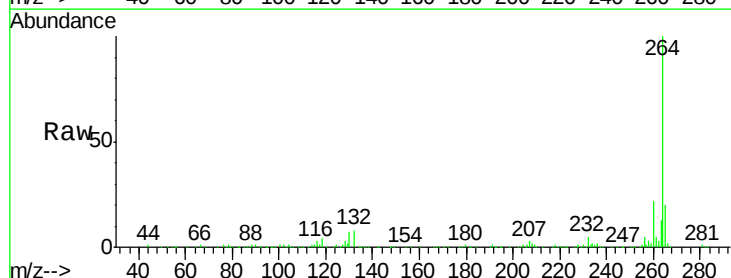
Tgt Ion:264 Resp: 345814

Ion Ratio Lower Upper

264 100

260 21.6 17.4 26.0

265 19.8 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

