

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110217\
 Data File : BG030659.D
 Acq On : 2 Nov 2017 13:07
 Operator : SJ/JU
 Sample : PB103892TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103892TB

Quant Time: Nov 03 00:48:59 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	54508	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	254126	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	182398	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	470924	20.00	ng	0.00
75) Chrysene-d12	21.77	240	525148	20.00	ng	-0.01
86) Perylene-d12	25.07	264	534486	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	397978	121.97	ng	0.00
7) Phenol-d6	7.31	99	527198	115.11	ng	0.00
23) Nitrobenzene-d5	9.32	82	300974	75.26	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	290232	123.24	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	920657	74.03	ng	0.00
78) Terphenyl-d14	20.09	244	1629989	70.61	ng	0.00

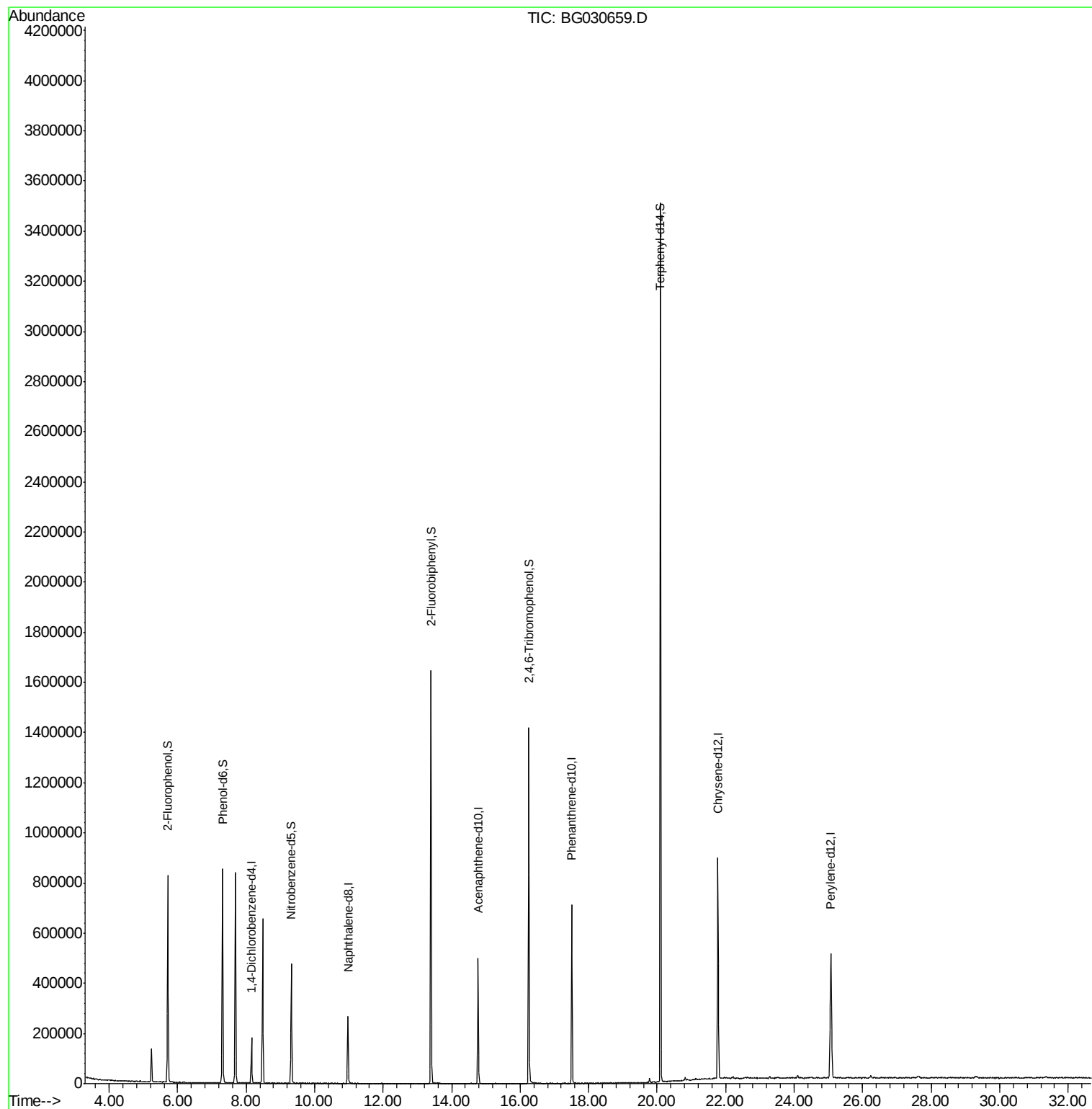
Target Compounds Qvalue

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

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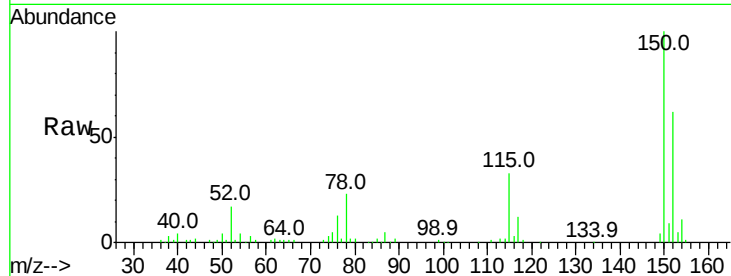


#1

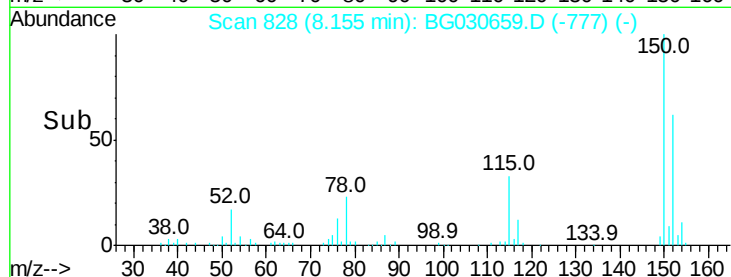
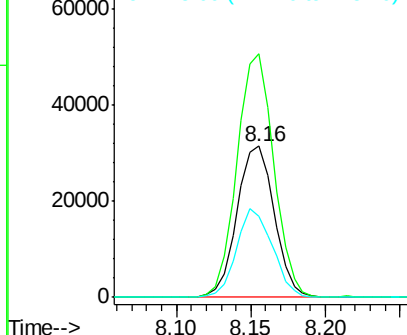
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG030659.D
Acq: 2 Nov 2017 13:07

Instrument :
BNA_G
ClientSampleId :
PB103892TB

Tot Ion:152 Resp: 54508
Ion Ratio Lower Upper
152 100
150 161.2 126.6 189.8
115 53.5 53.0 79.4



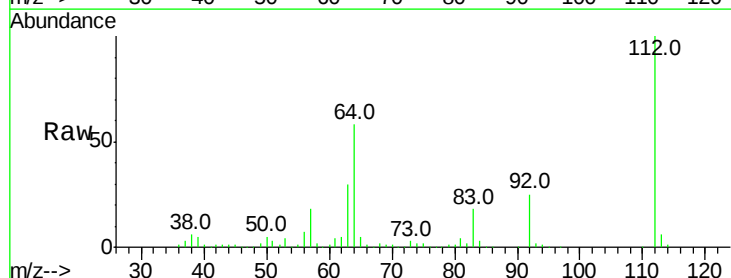
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



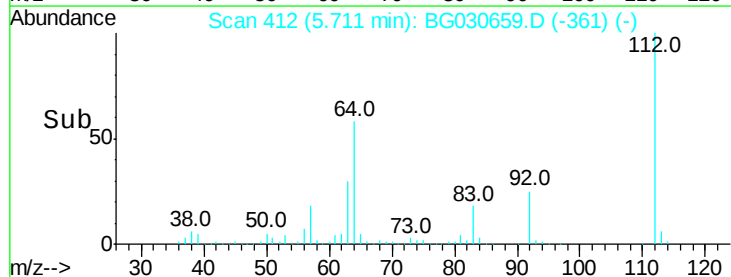
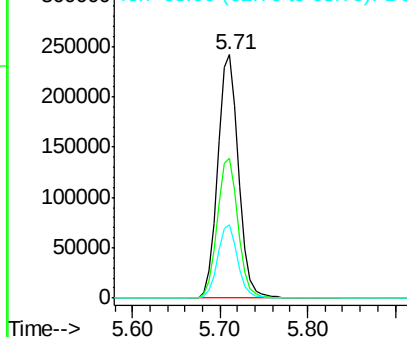
#5

2-Fluorophenol
Concen: 121.972 ng
RT: 5.71 min Scan# 412
Delta R.T. -0.00 min
Lab File: BG030659.D
Acq: 2 Nov 2017 13:07

Tgt Ion:112 Resp: 397978
Ion Ratio Lower Upper
112 100
64 57.7 56.3 84.5
63 29.9 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 115.110 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.01 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

Instrument :

BNA_G

ClientSampleId :

PB103892TB

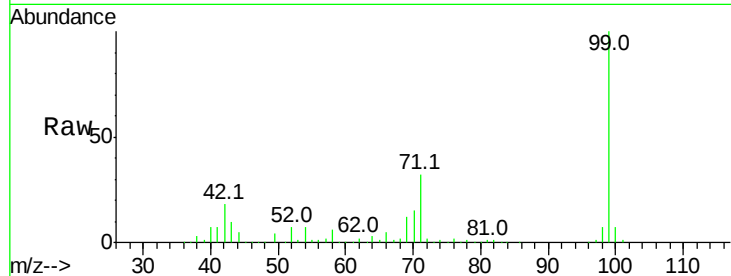
Tot Ion: 99 Resp: 527198

Ion Ratio Lower Upper

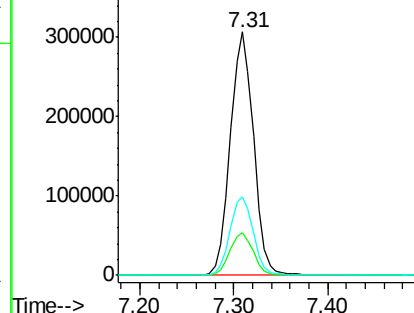
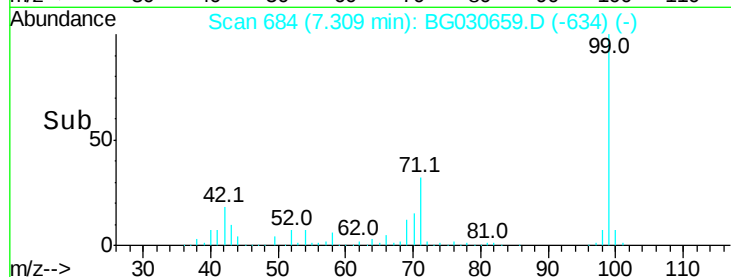
99 100

42 17.5 14.1 21.1

71 32.3 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: 10.97 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

Tgt Ion: 136 Resp: 254126

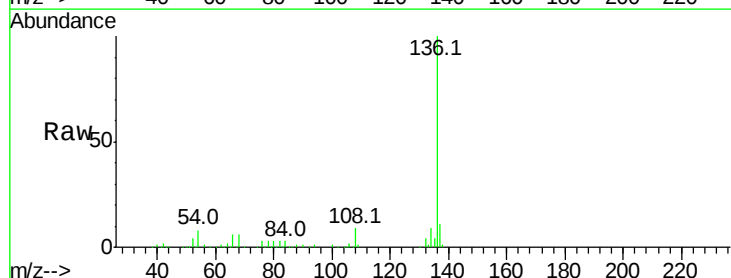
Ion Ratio Lower Upper

136 100

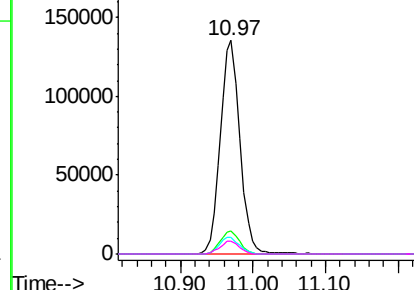
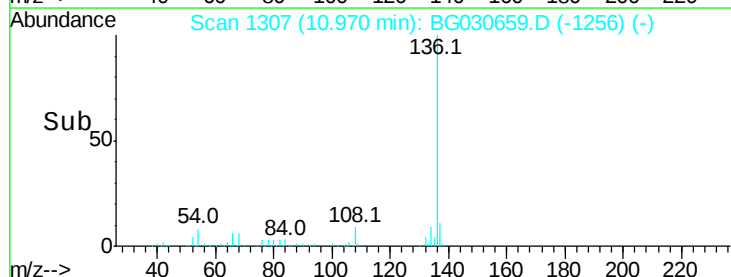
137 10.9 9.2 13.8

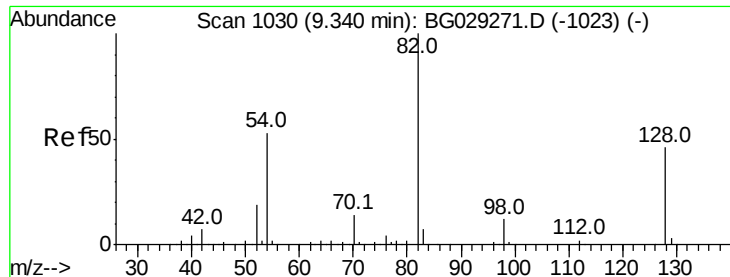
54 7.9 10.3 15.5#

68 6.3 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: 75.262 ng

RT: 9.32 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

Instrument :

BNA_G

ClientSampleId :

PB103892TB

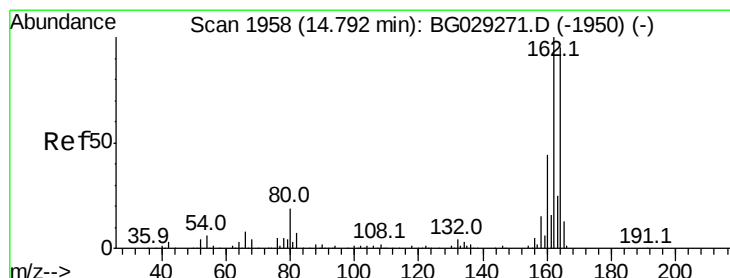
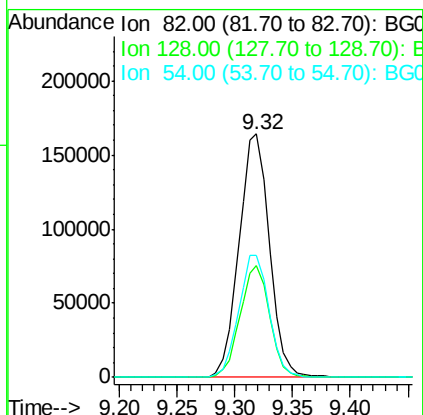
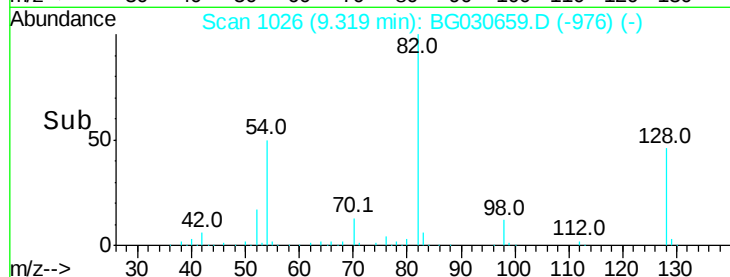
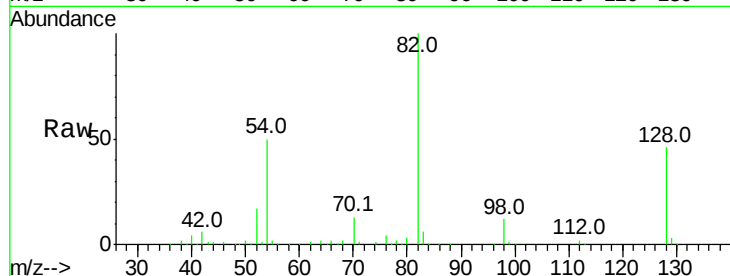
Tot Ion: 82 Resp: 300974

Ion Ratio Lower Upper

82 100

128 45.7 29.7 44.5#

54 50.0 43.1 64.7



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

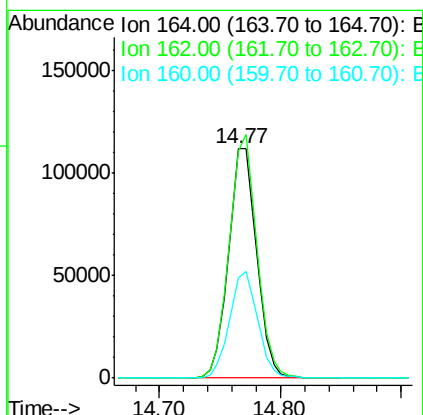
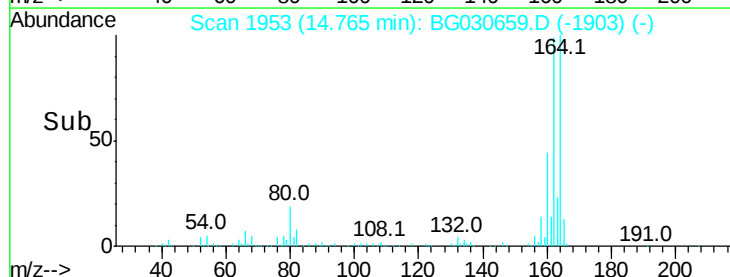
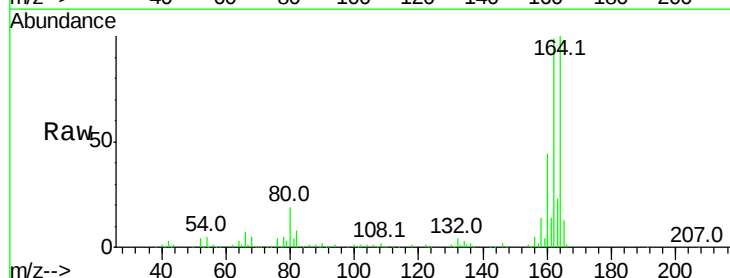
Tgt Ion:164 Resp: 182398

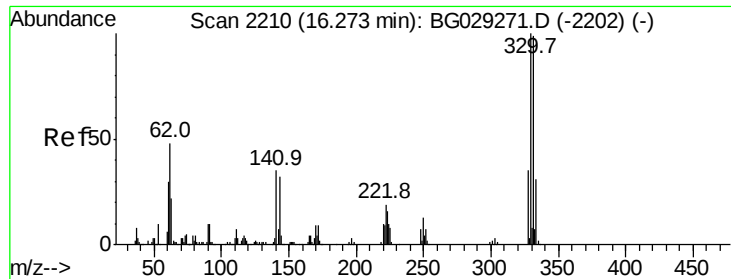
Ion Ratio Lower Upper

164 100

162 99.2 78.8 118.2

160 43.8 35.4 53.0

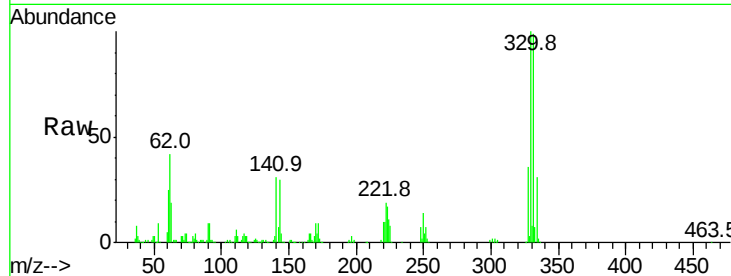




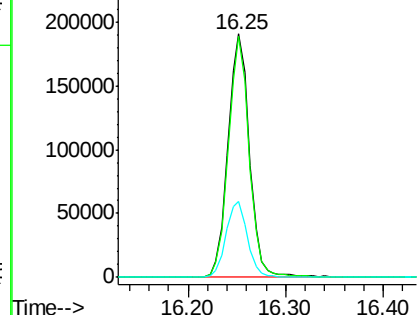
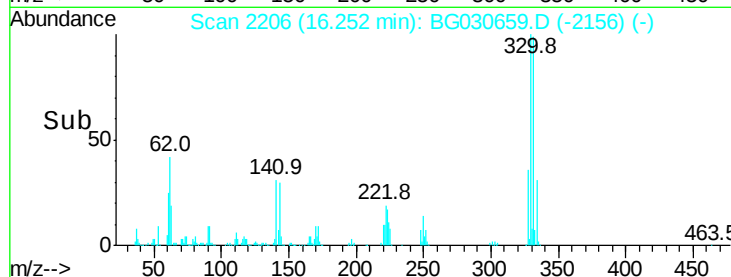
#41
 2,4,6-Tribromophenol
 Concen: 123.244 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030659.D
 Acq: 2 Nov 2017 13:07

Instrument :
 BNA_G
 ClientSampleId :
 PB103892TB

Tot Ion:330 Resp: 290232
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 31.5 25.2 37.8

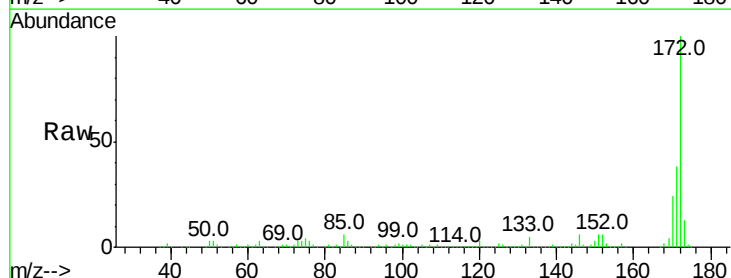


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

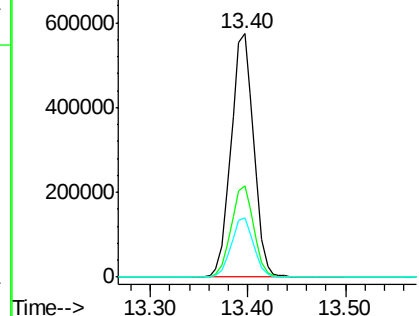
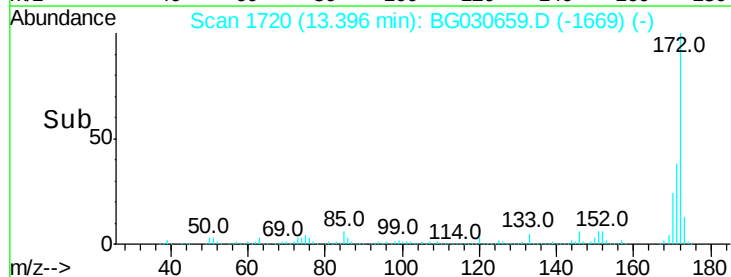


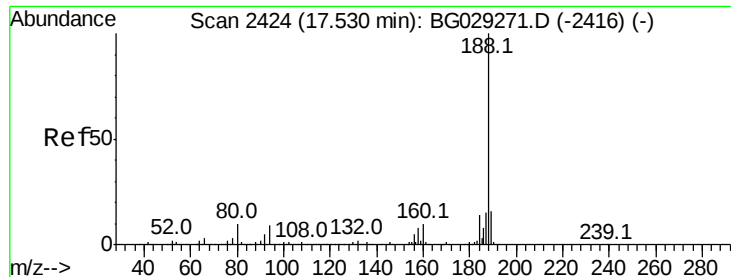
#44
 2-Fluorobiphenyl
 Concen: 74.030 ng
 RT: 13.40 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BG030659.D
 Acq: 2 Nov 2017 13:07

Tgt Ion:172 Resp: 920657
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 24.5 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: 17.51 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

Instrument :

BNA_G

ClientSampleId :

PB103892TB

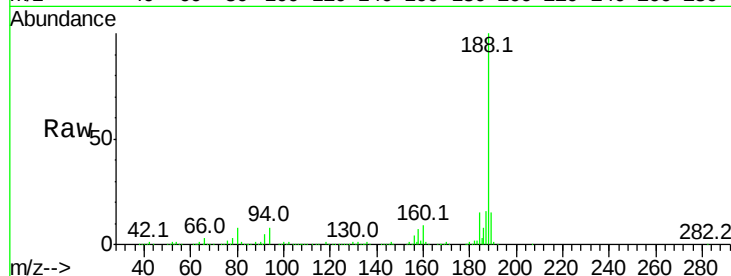
Tot Ion:188 Resp: 470924

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

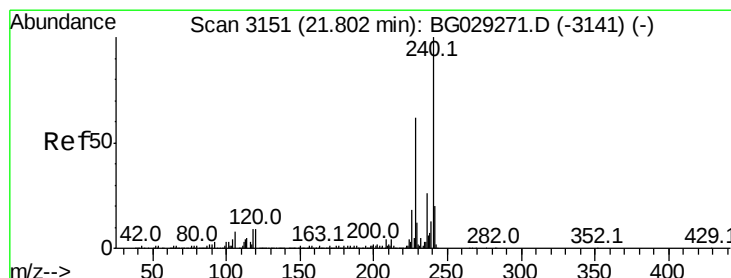
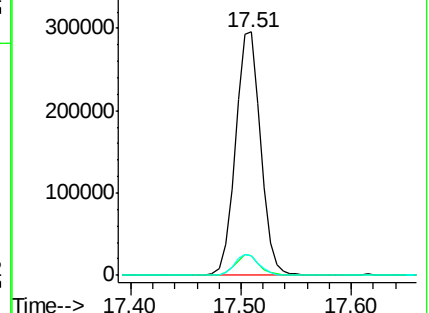
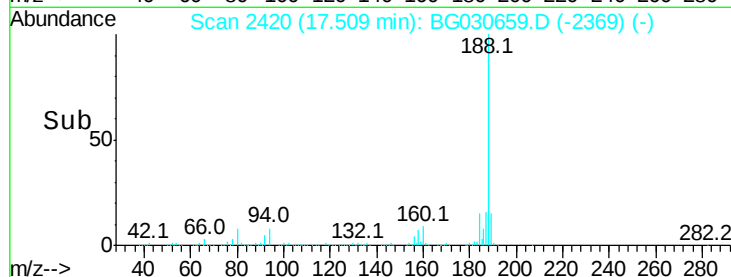
80 8.2 7.7 11.5



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: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

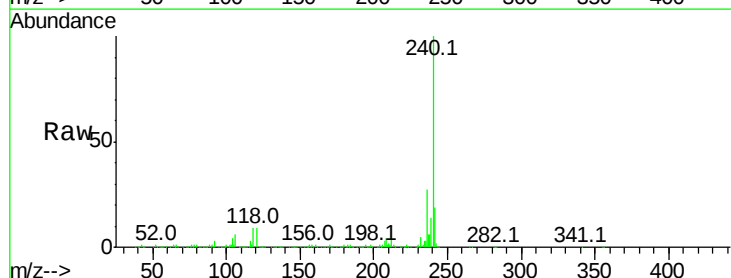
Tgt Ion:240 Resp: 525148

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

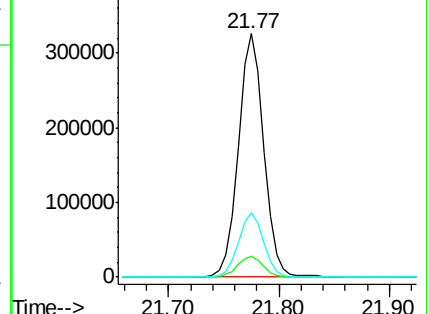
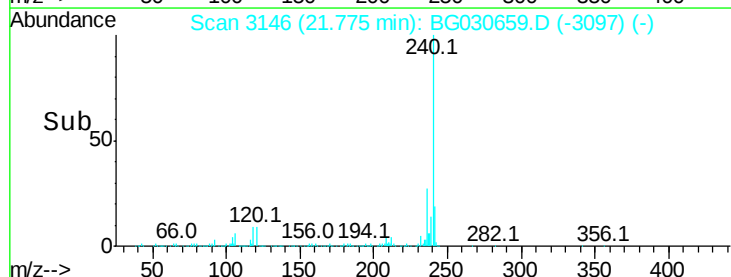
236 26.6 20.9 31.3

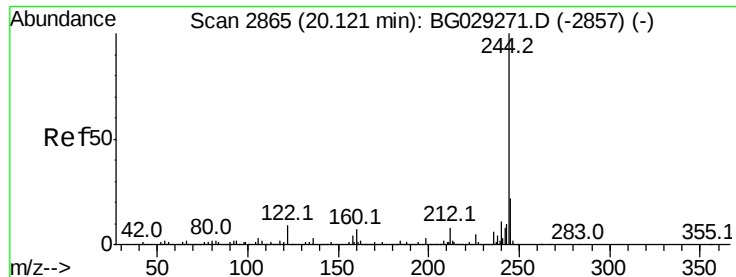


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.611 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

Instrument :

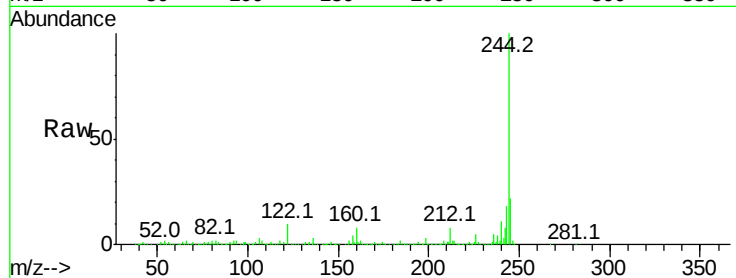
BNA_G

ClientSampleId :

PB103892TB

Tot Ion:244 Resp: 1629989

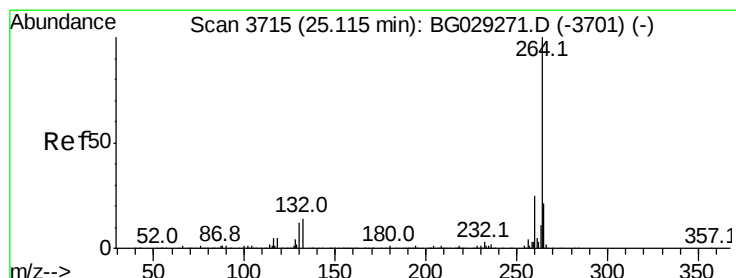
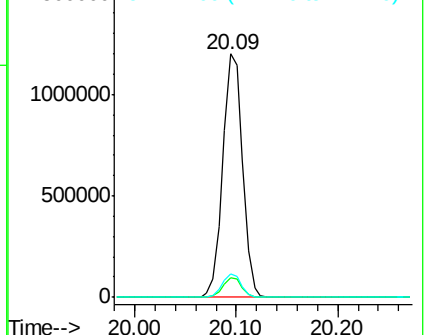
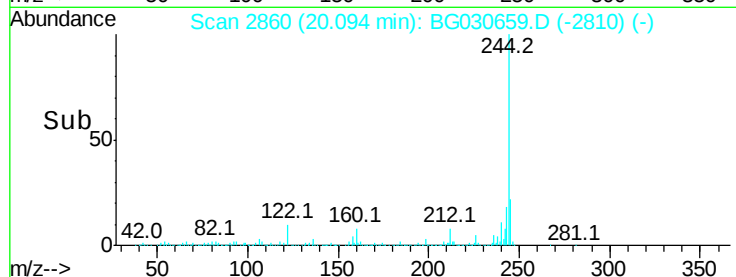
Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.8
122	9.7	7.0	10.4



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: 25.07 min Scan# 3707

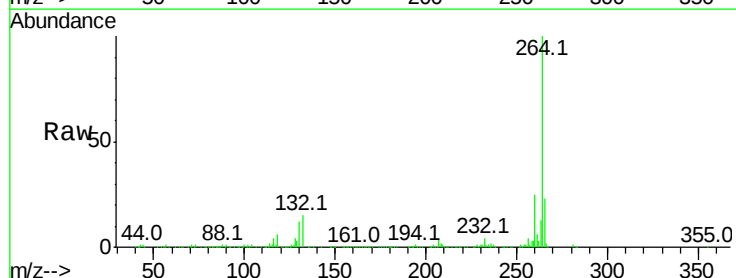
Delta R.T. -0.03 min

Lab File: BG030659.D

Acq: 2 Nov 2017 13:07

Tgt Ion:264 Resp: 534486

Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	22.7	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

