

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032671.D
 Acq On : 13 Feb 2018 21:43
 Operator : SJ/JU
 Sample : PB106456BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106456BL

Quant Time: Feb 14 03:37:25 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	35362	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	138911	20.00	ng	0.00
38) Acenaphthene-d10	15.31	164	104732	20.00	ng	0.00
63) Phenanthrene-d10	18.04	188	288839	20.00	ng	0.00
75) Chrysene-d12	22.37	240	371159	20.00	ng	0.00
86) Perylene-d12	26.01	264	382372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	259804	147.41	ng	0.00
7) Phenol-d6	7.79	99	316761	131.43	ng	0.00
23) Nitrobenzene-d5	9.87	82	193173	88.38	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	125523	77.84	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	711644	84.97	ng	0.00
78) Terphenyl-d14	20.59	244	1461636	89.76	ng	0.00

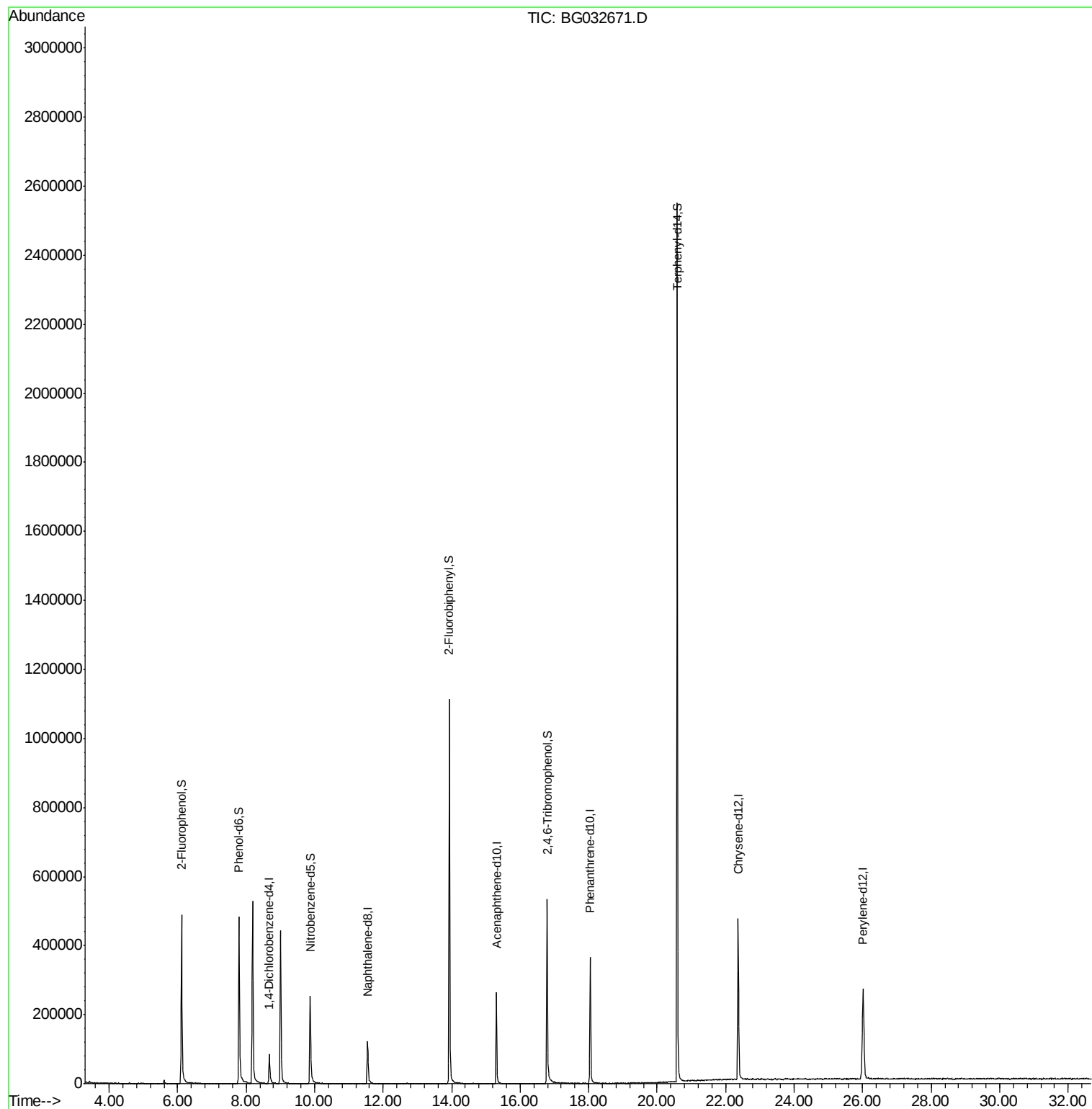
Target Compounds Qvalue

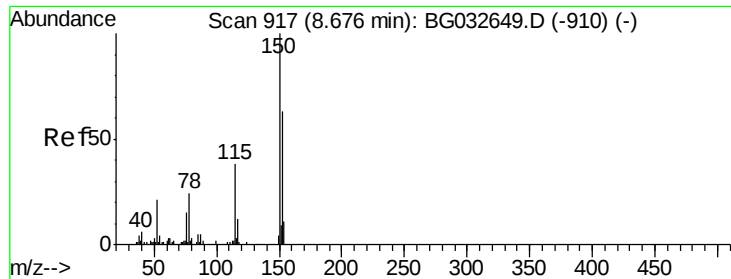
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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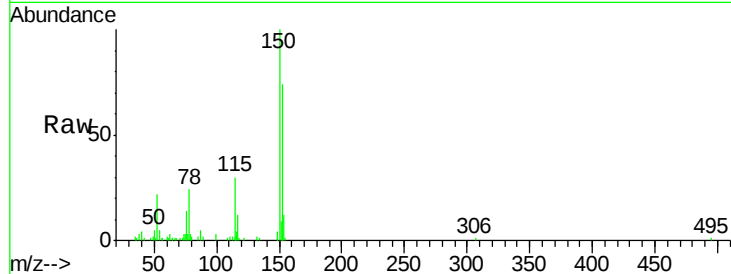


#1

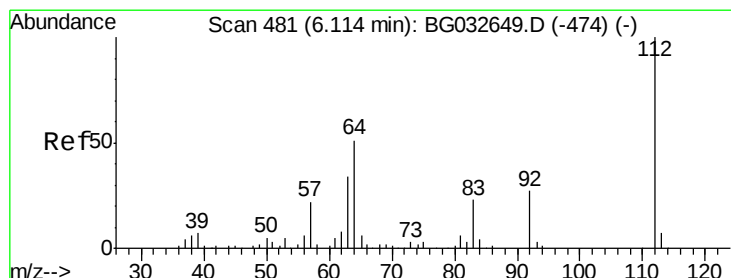
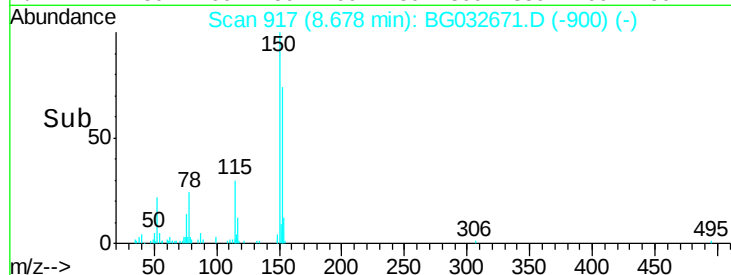
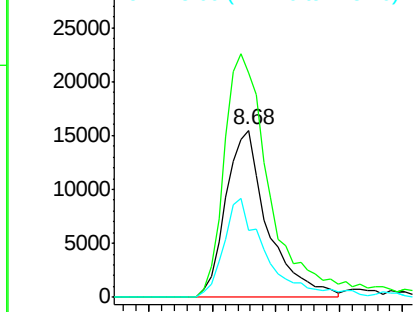
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.68 min Scan# 917
Delta R.T. 0.00 min
Lab File: BG032671.D
Acq: 13 Feb 2018 21:43

Instrument :
BNA_G
ClientSampleId :
PB106456BL

Tot Ion:152 Resp: 35362
Ion Ratio Lower Upper
152 100
150 134.4 126.6 189.8
115 40.1 53.0 79.4#



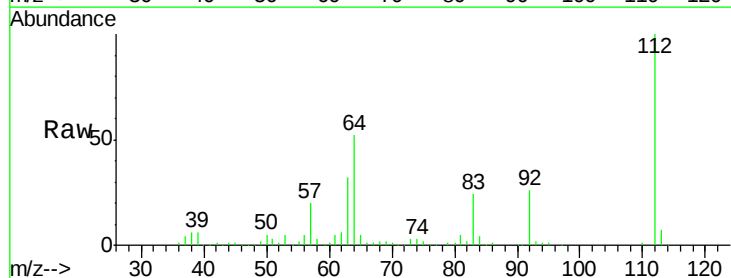
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



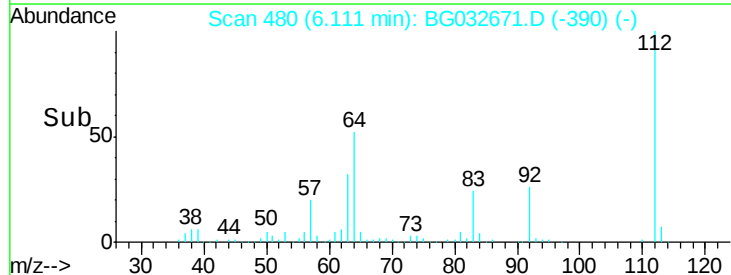
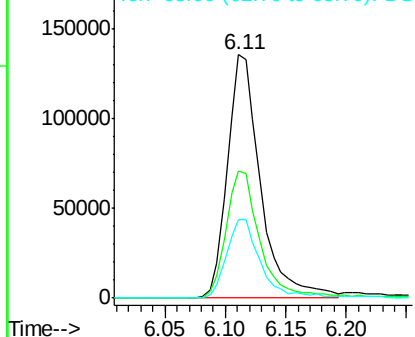
#5

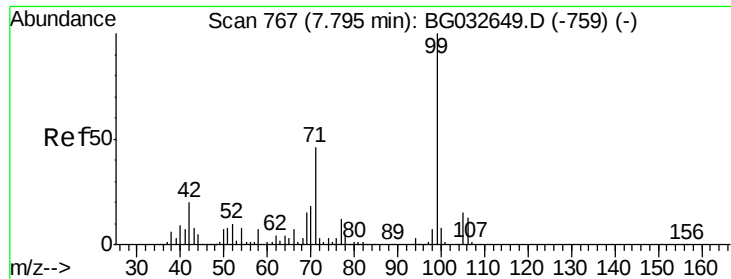
2-Fluorophenol
Concen: 147.406 ng
RT: 6.11 min Scan# 480
Delta R.T. -0.00 min
Lab File: BG032671.D
Acq: 13 Feb 2018 21:43

Tgt Ion:112 Resp: 259804
Ion Ratio Lower Upper
112 100
64 52.1 56.3 84.5#
63 32.1 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: 131.434 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

Instrument :

BNA_G

ClientSampleId :

PB106456BL

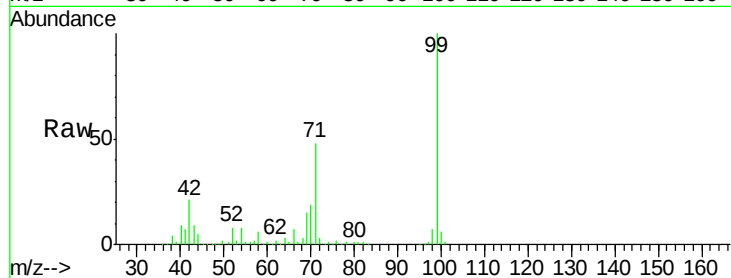
Tot Ion: 99 Resp: 316761

Ion Ratio Lower Upper

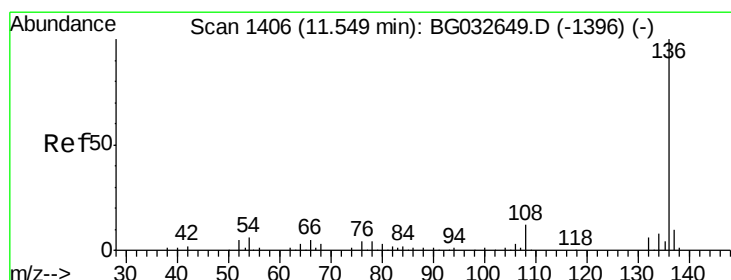
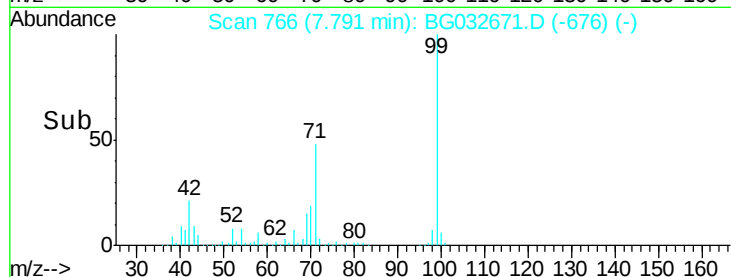
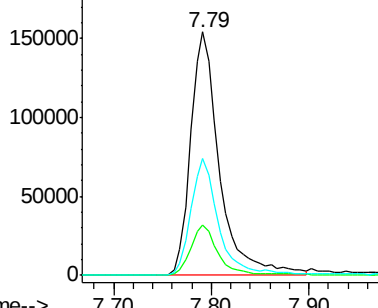
99 100

42 20.9 14.1 21.1

71 47.8 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: 11.55 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

Tgt Ion: 136 Resp: 138911

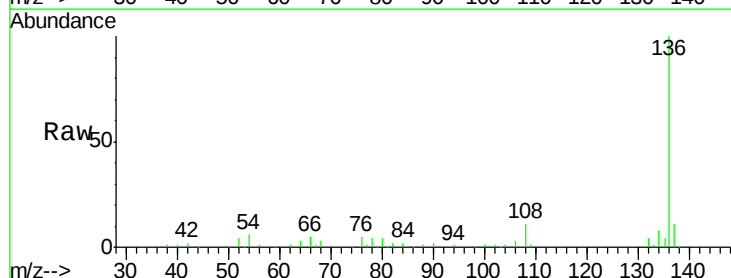
Ion Ratio Lower Upper

136 100

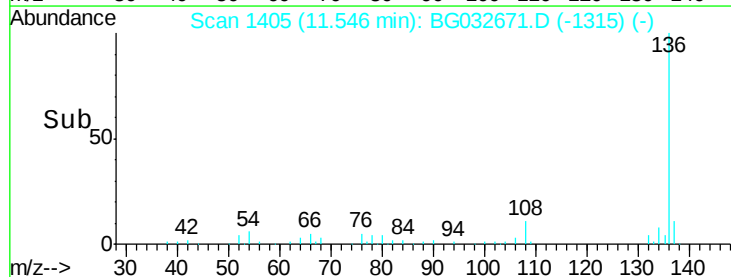
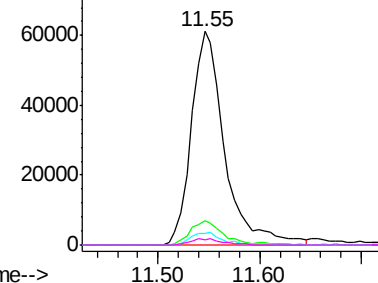
137 11.2 9.2 13.8

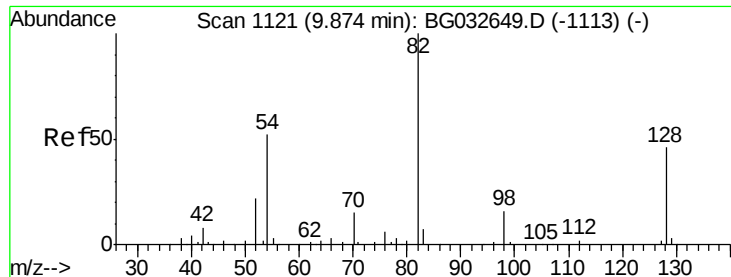
54 5.7 10.3 15.5#

68 2.6 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

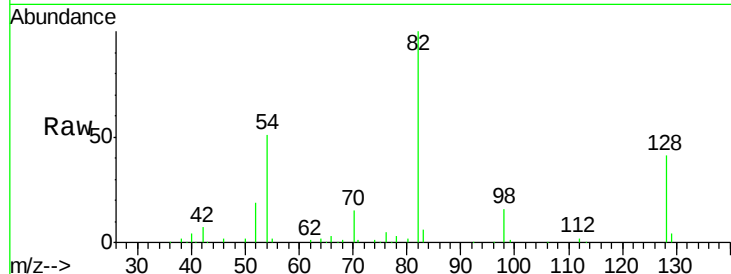




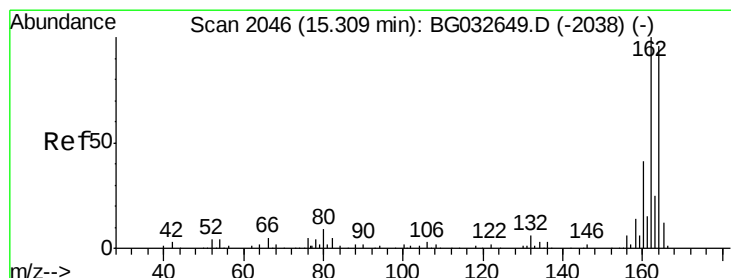
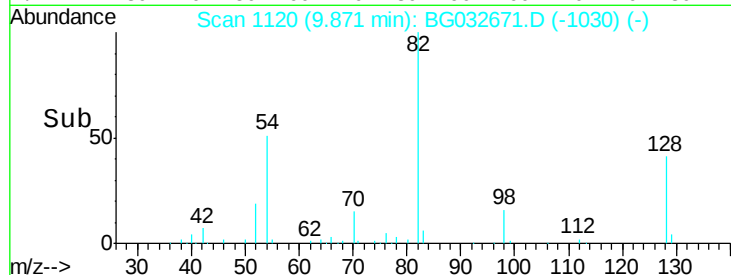
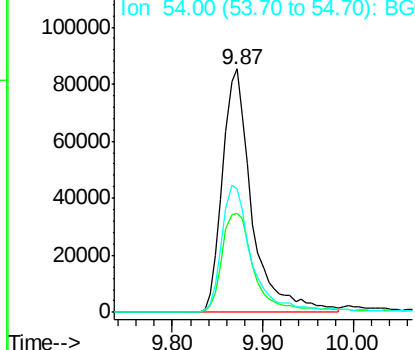
#23
 Nitrobenzene-d5
 Concen: 88.381 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BG032671.D
 Acq: 13 Feb 2018 21:43

Instrument :
 BNA_G
 ClientSampleId :
 PB106456BL

Tot Ion	82	Resp	193173
Ion Ratio	Lower	Upper	
82	100		
128	40.7	29.7	44.5
54	50.6	43.1	64.7

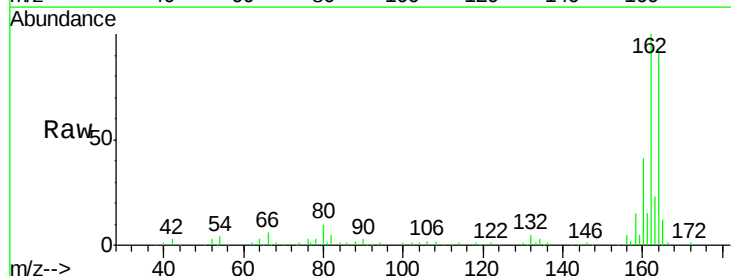


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

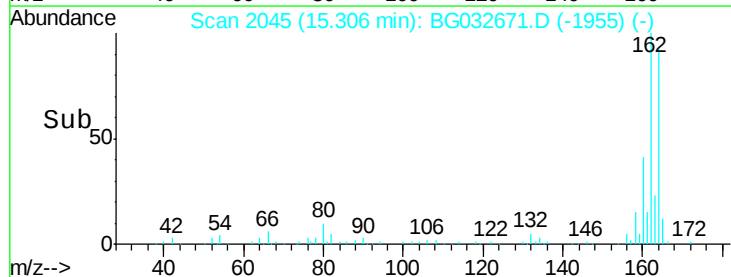
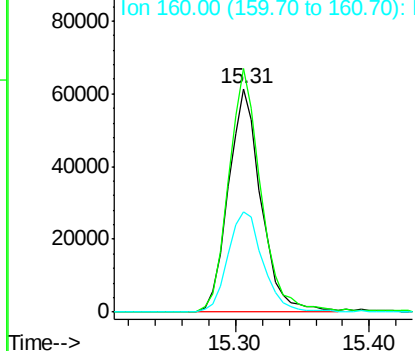


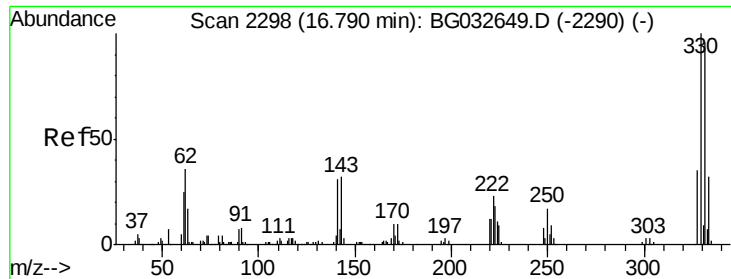
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2045
 Delta R.T. -0.00 min
 Lab File: BG032671.D
 Acq: 13 Feb 2018 21:43

Tgt Ion	164	Resp	104732
Ion Ratio	Lower	Upper	
164	100		
162	108.9	78.8	118.2
160	45.0	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: 77.836 ng

RT: 16.79 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

Instrument :

BNA_G

ClientSampleId :

PB106456BL

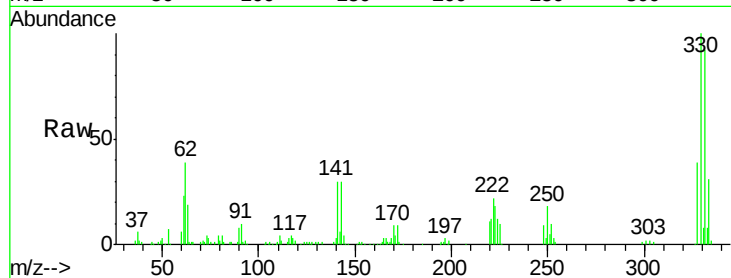
Tot Ion:330 Resp: 125523

Ion Ratio Lower Upper

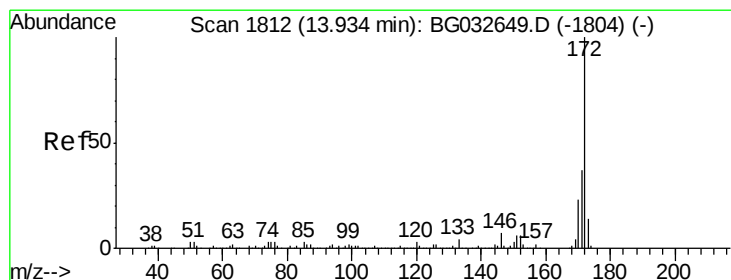
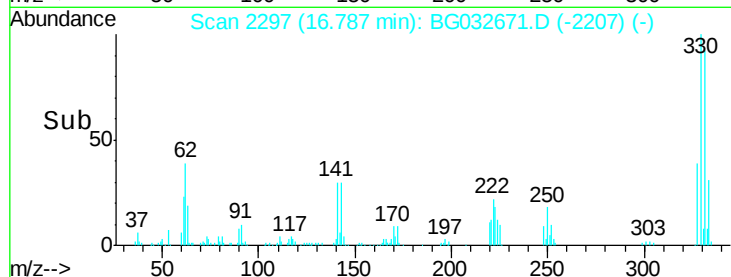
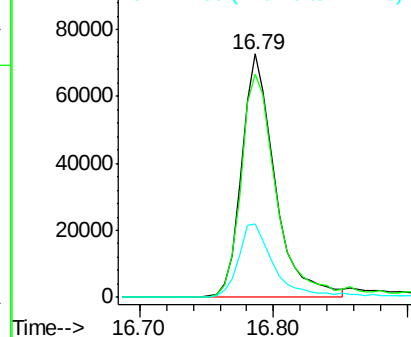
330 100

332 96.3 77.0 115.6

141 32.5 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: 84.972 ng

RT: 13.93 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

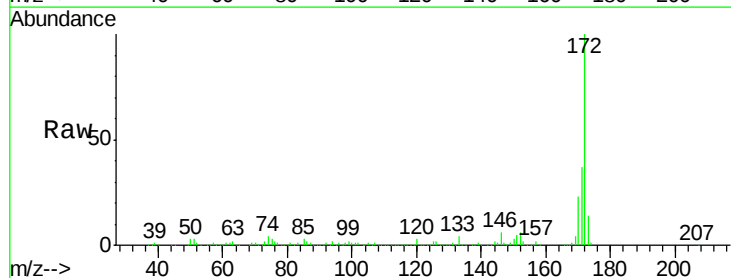
Tgt Ion:172 Resp: 711644

Ion Ratio Lower Upper

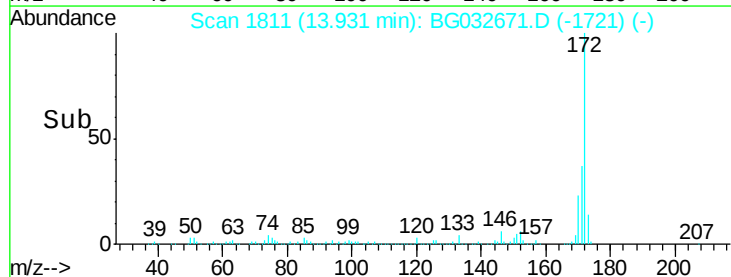
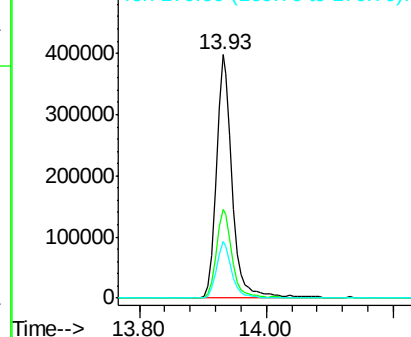
172 100

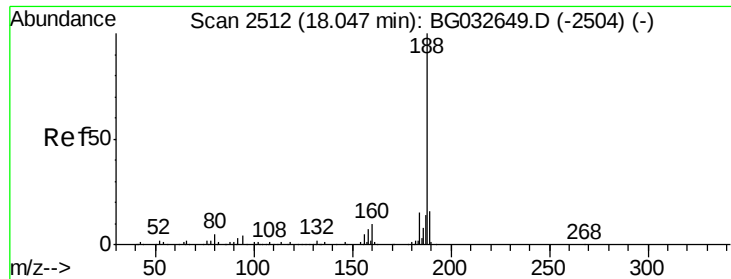
171 36.6 30.0 45.0

170 23.4 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: 18.04 min Scan# 2511

Delta R.T. -0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

Instrument :

BNA_G

ClientSampleId :

PB106456BL

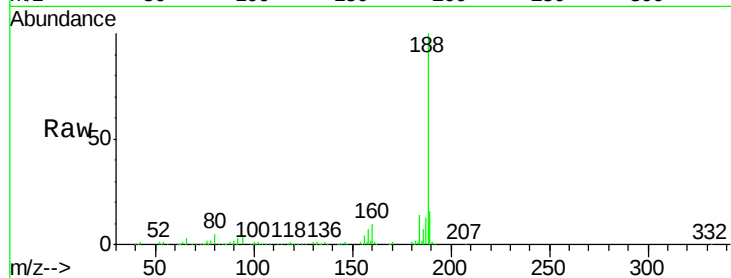
Tot Ion:188 Resp: 288839

Ion Ratio Lower Upper

188 100

94 4.2 6.9 10.3#

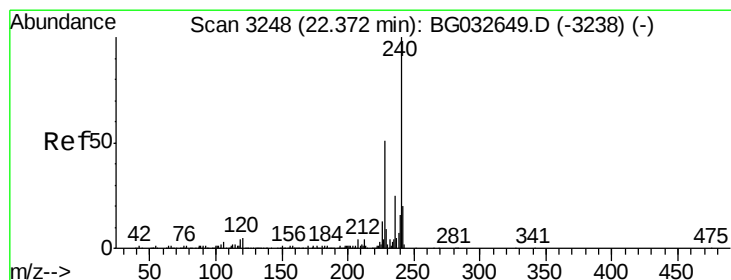
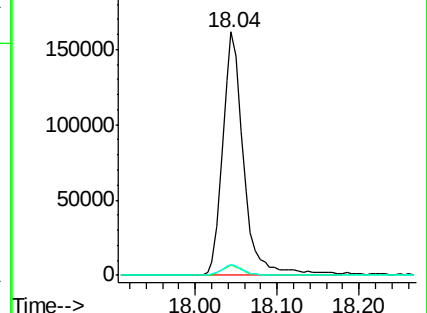
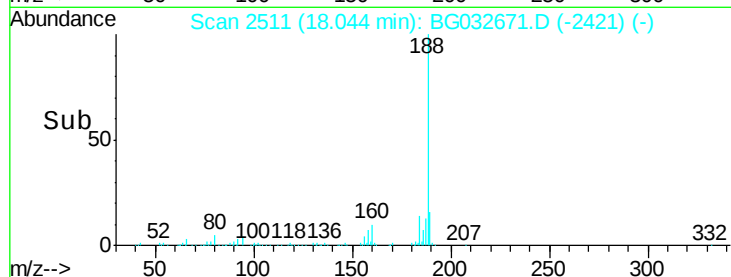
80 4.6 7.7 11.5#



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: 22.37 min Scan# 3247

Delta R.T. -0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

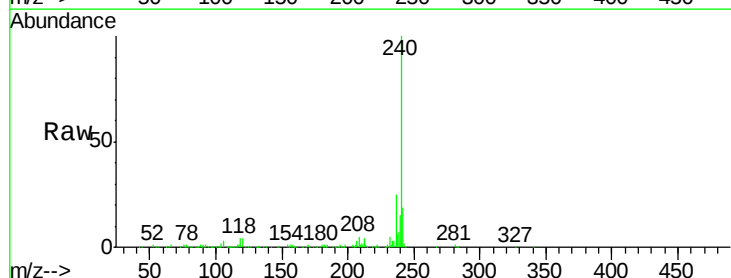
Tgt Ion:240 Resp: 371159

Ion Ratio Lower Upper

240 100

120 3.7 6.8 10.2#

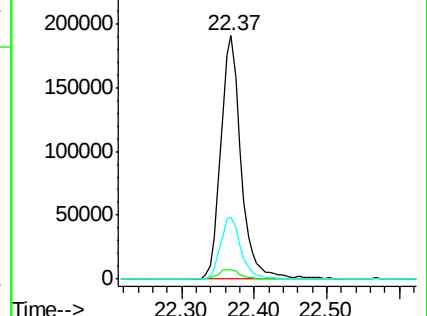
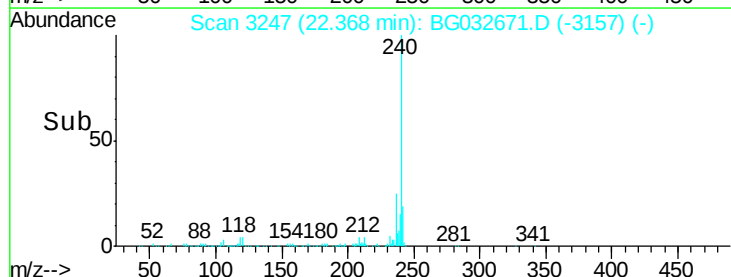
236 25.3 20.9 31.3

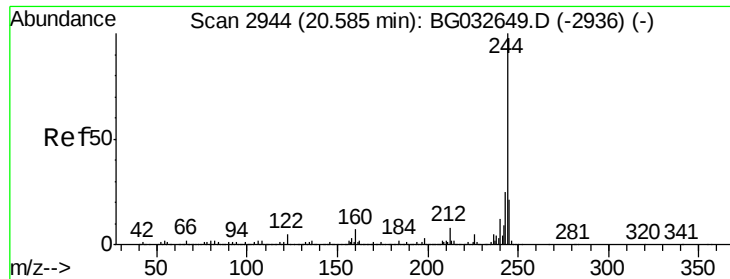


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.756 ng

RT: 20.59 min Scan# 2944

Delta R.T. 0.00 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

Instrument :

BNA_G

ClientSampleId :

PB106456BL

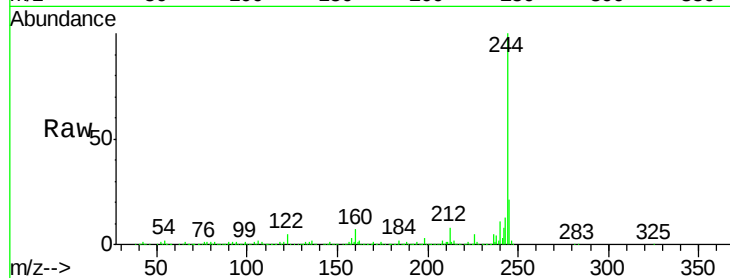
Tot Ion:244 Resp: 1461636

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

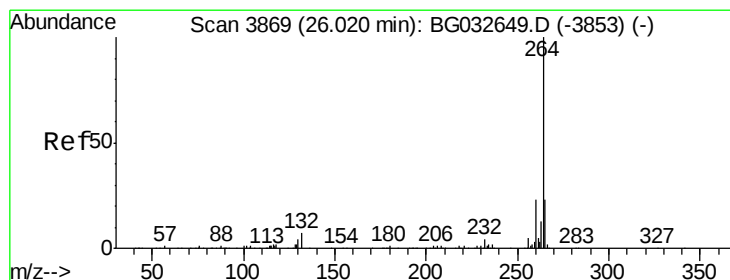
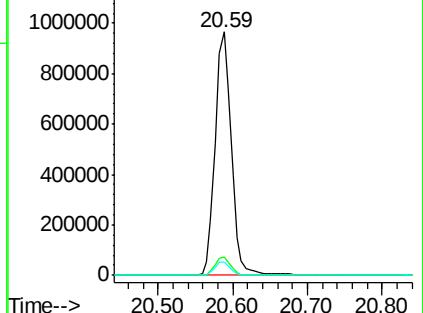
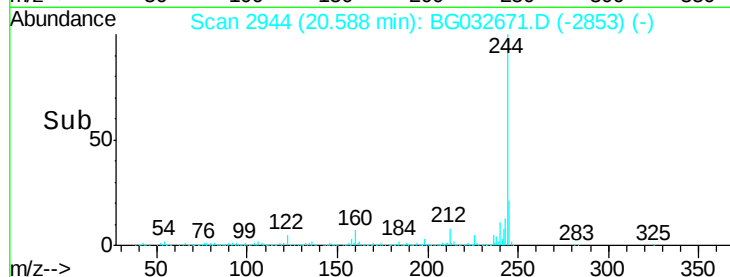
122 5.4 7.0 10.4#



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: 26.01 min Scan# 3867

Delta R.T. -0.01 min

Lab File: BG032671.D

Acq: 13 Feb 2018 21:43

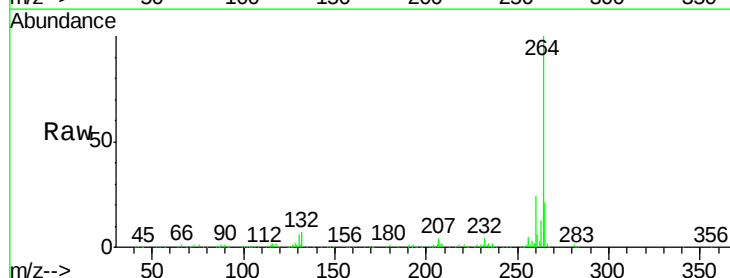
Tgt Ion:264 Resp: 382372

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.8 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

