

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022418.D
 Acq On : 18 Jun 2016 11:20
 Operator : UM/SJ
 Sample : PB91233BL
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BL

Quant Time: Jun 20 01:19:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24786	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	116332	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	78091	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	189792	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	168234	20.00	ng	-0.05
86) Perylene-d12	24.93	264	145973	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	189692	147.97	ng	-0.03
7) Phenol-d6	7.23	99	265830	131.89	ng	-0.02
23) Nitrobenzene-d5	9.22	82	137070	82.15	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	89284	101.18	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	387738	75.67	ng	-0.04
78) Terphenyl-d14	20.02	244	607795	85.77	ng	-0.03

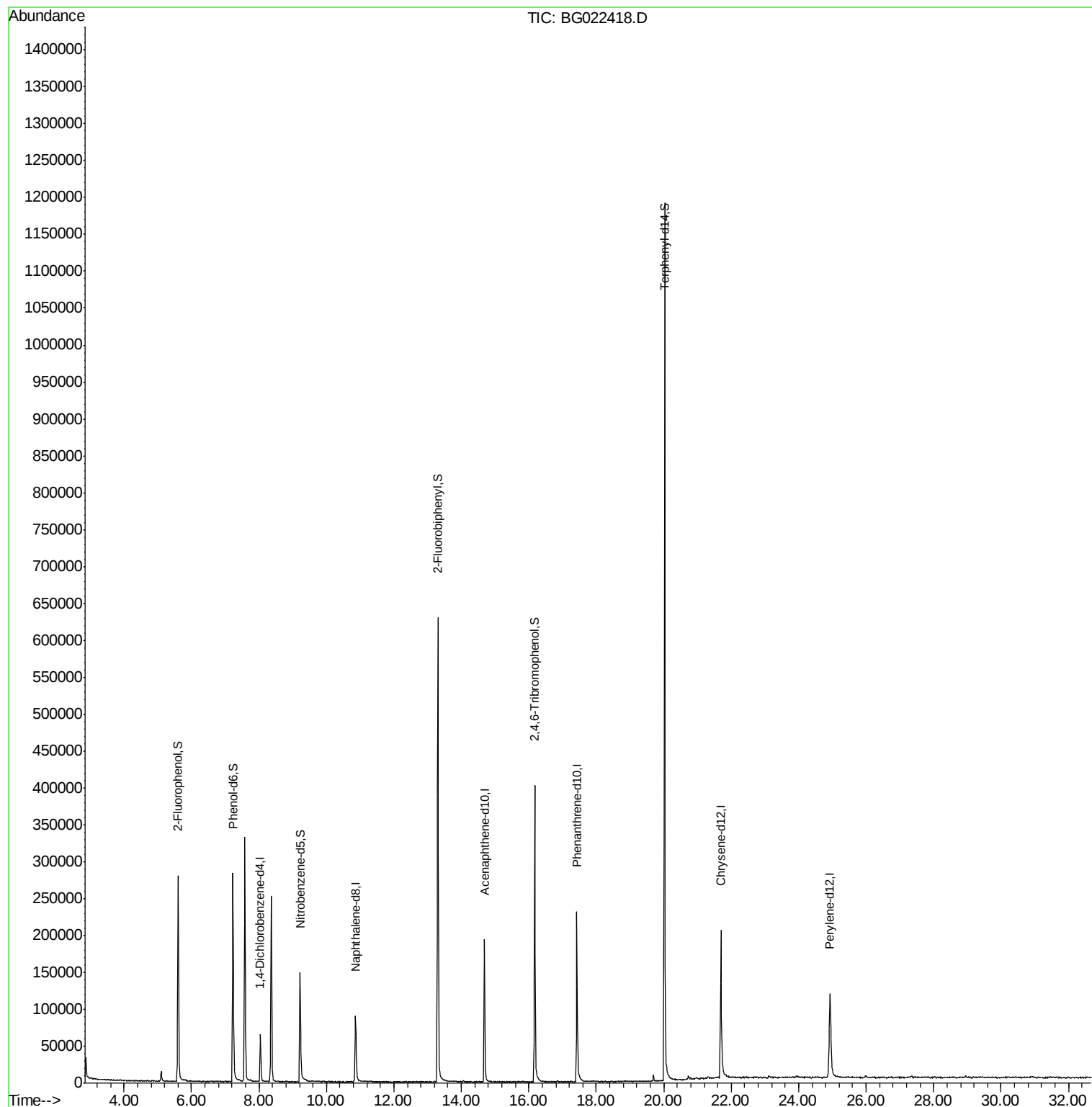
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022418.D
Acq On : 18 Jun 2016 11:20
Operator : UM/SJ
Sample : PB91233BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91233BL

Quant Time: Jun 20 01:19:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 13 17:40:23 2016
Response via : Initial Calibration



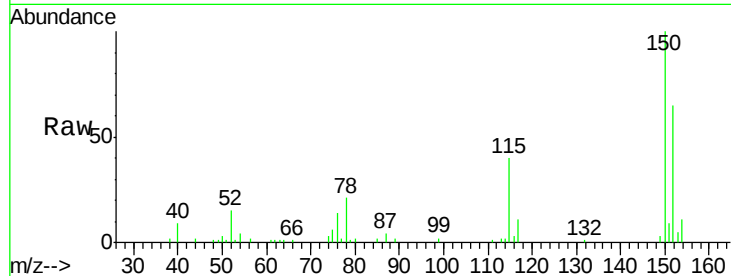


#1

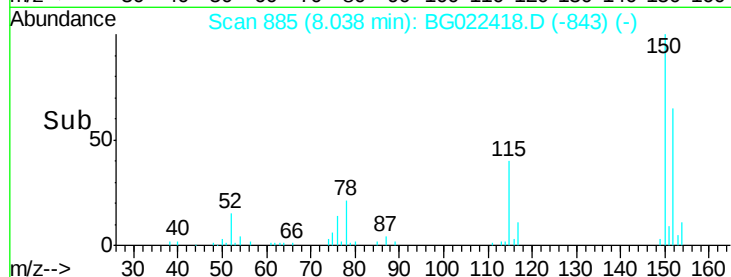
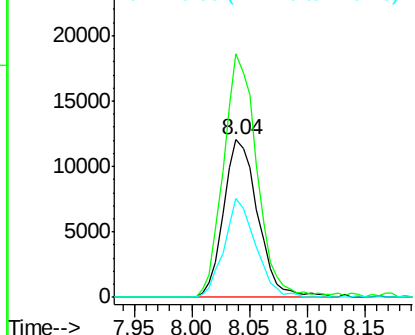
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.05 min
Lab File: BG022418.D
Acq: 18 Jun 2016 11:20

Instrument :
BNA_G
ClientSampleId :
PB91233BL

Tot Ion:152 Resp: 24786
Ion Ratio Lower Upper
152 100
150 154.6 130.1 195.1
115 62.4 62.2 93.2



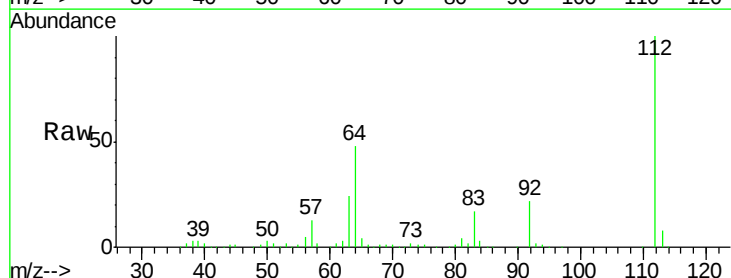
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



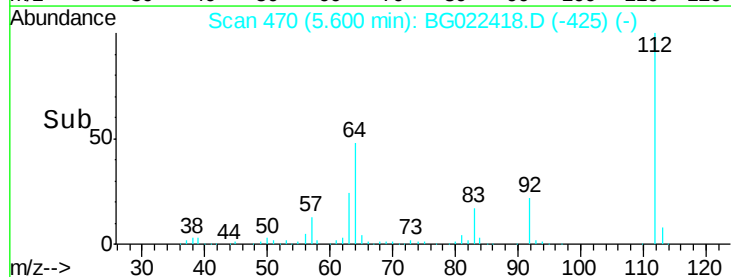
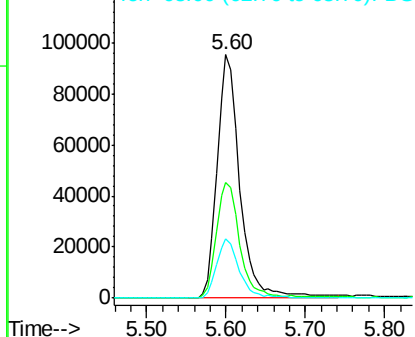
#5

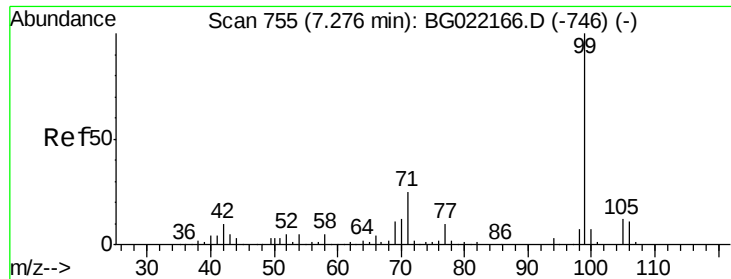
2-Fluorophenol
Concen: 147.97 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.03 min
Lab File: BG022418.D
Acq: 18 Jun 2016 11:20

Tgt Ion:112 Resp: 189692
Ion Ratio Lower Upper
112 100
64 47.6 51.1 76.7#
63 24.3 24.6 37.0#



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: 131.89 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG022418.D

Acq: 18 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

PB91233BL

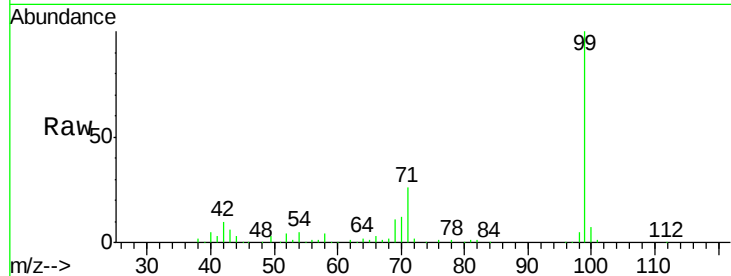
Tot Ion: 99 Resp: 265830

Ion Ratio Lower Upper

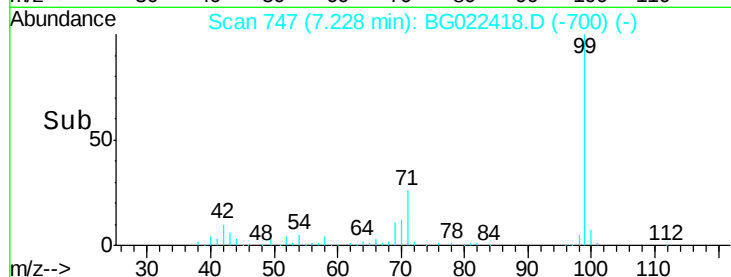
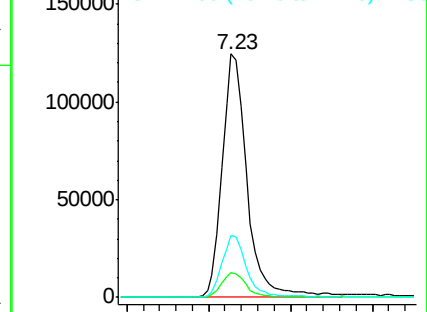
99 100

42 10.3 16.4 24.6#

71 25.6 25.0 37.4



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: 20.00 ng

RT: 10.86 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BG022418.D

Acq: 18 Jun 2016 11:20

Tgt Ion:136 Resp: 116332

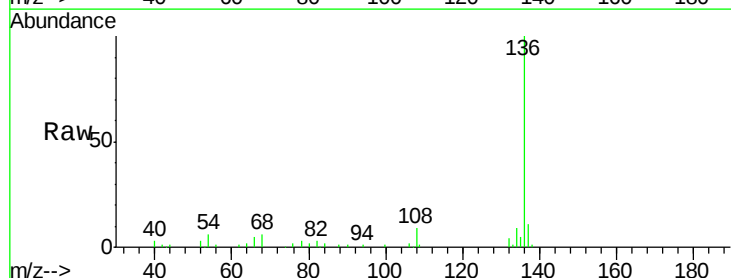
Ion Ratio Lower Upper

136 100

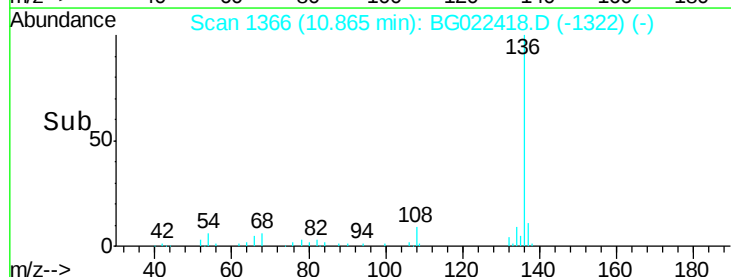
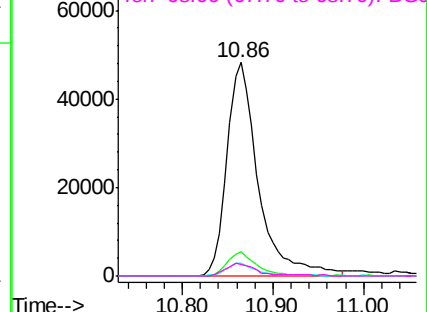
137 11.4 9.0 13.4

54 6.1 9.6 14.4#

68 5.6 6.4 9.6#



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

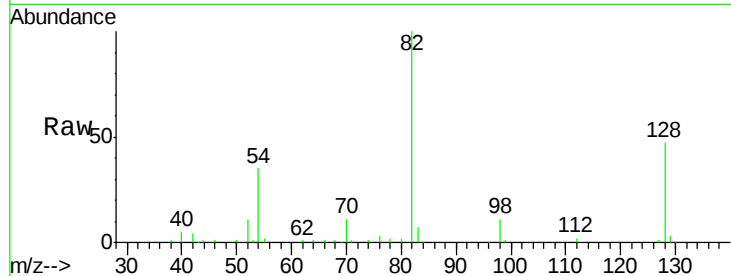




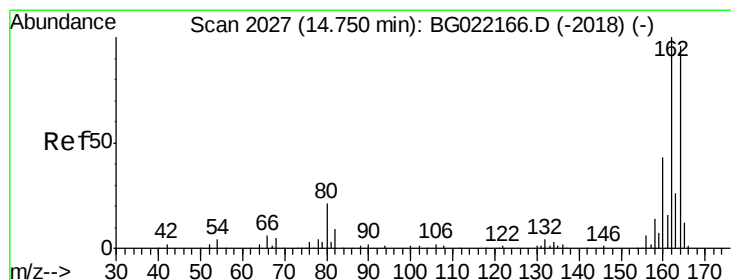
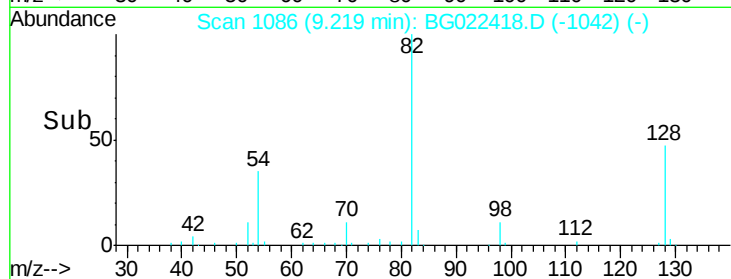
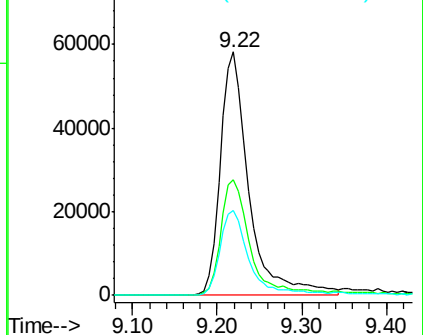
#23
Nitrobenzene-d5
Concen: 82.15 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022418.D
Acq: 18 Jun 2016 11:20

Instrument :
BNA_G
ClientSampleId :
PB91233BL

Tot Ion	82	Resp	137070
Ion Ratio	100	Lower	Upper
128	47.2	33.4	50.0
54	35.1	46.1	69.1

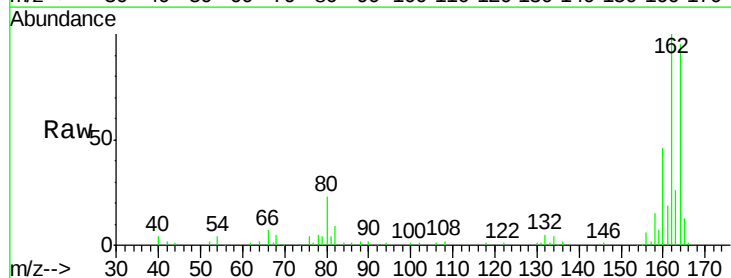


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

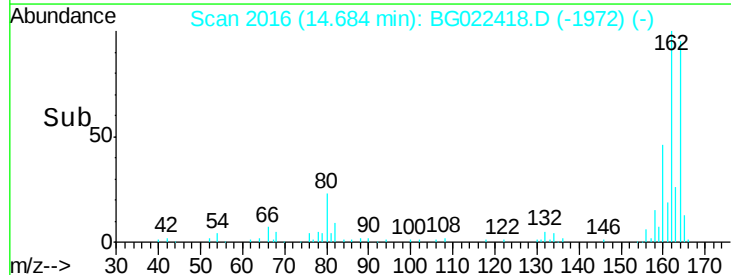
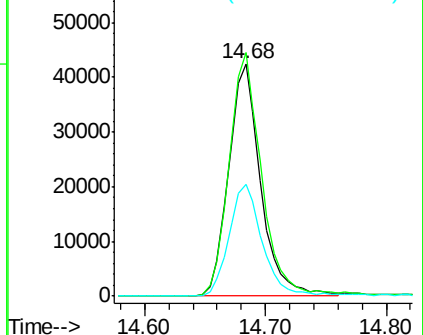


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022418.D
Acq: 18 Jun 2016 11:20

Tgt Ion	164	Resp	78091
Ion Ratio	100	Lower	Upper
162	104.8	78.0	117.0
160	48.0	32.9	49.3



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

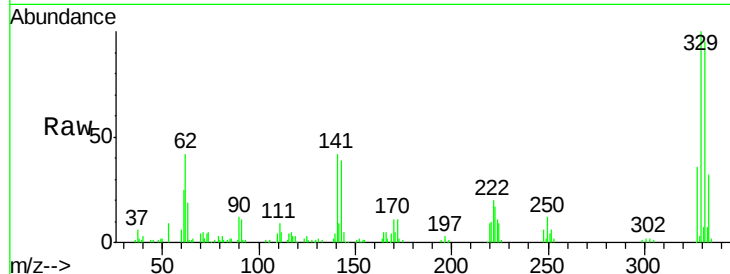




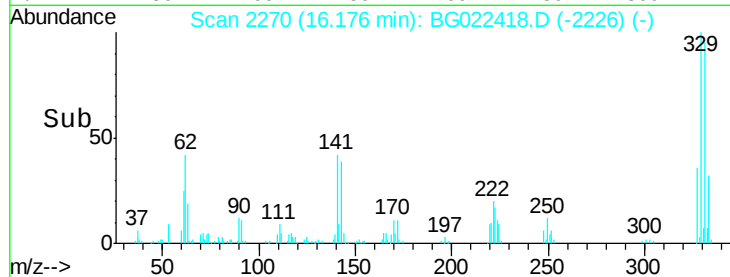
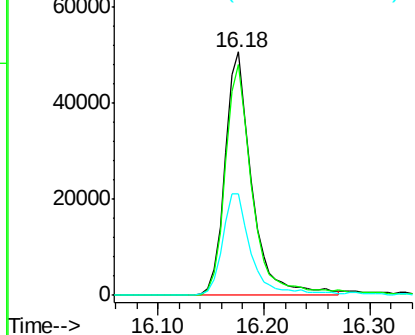
#41
 2,4,6-Tribromophenol
 Concen: 101.18 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022418.D
 Acq: 18 Jun 2016 11:20

Instrument :
 BNA_G
 ClientSampleId :
 PB91233BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.0	117.0
141	44.5	33.8	50.8

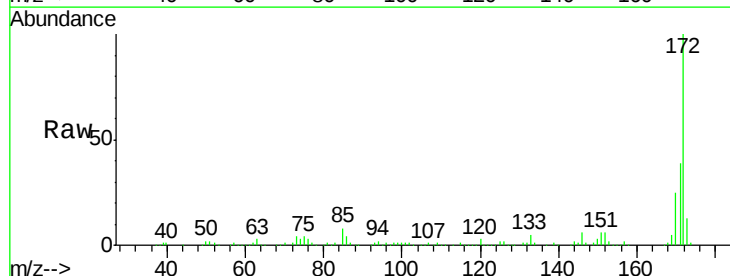


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

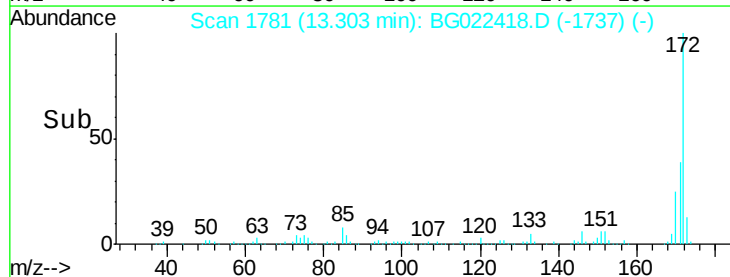
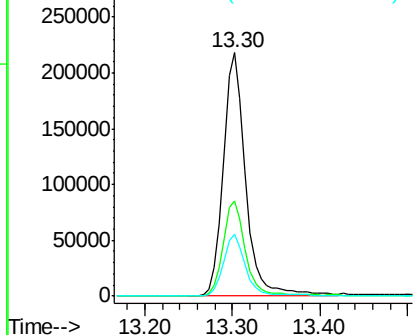


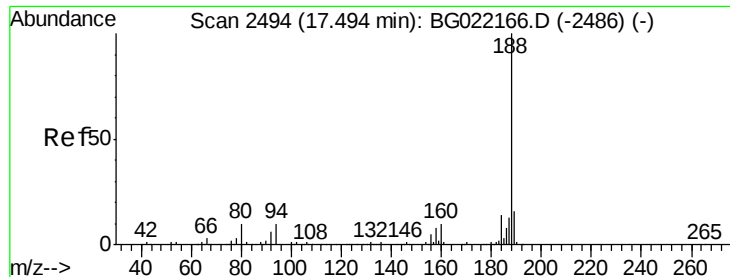
#44
 2-Fluorobiphenyl
 Concen: 75.67 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022418.D
 Acq: 18 Jun 2016 11:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	27.8	41.6
170	25.3	19.6	29.4



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: 20.00 ng

RT: 17.43 min Scan# 2483

Delta R.T. -0.04 min

Lab File: BG022418.D

Acq: 18 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

PB91233BL

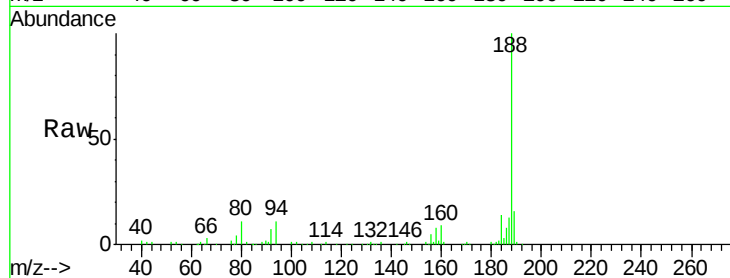
Tot Ion:188 Resp: 189792

Ion Ratio Lower Upper

188 100

94 10.9 7.5 11.3

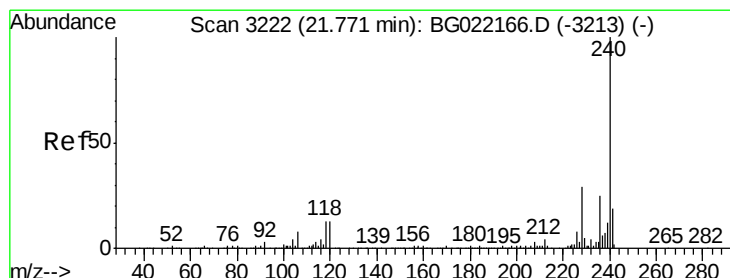
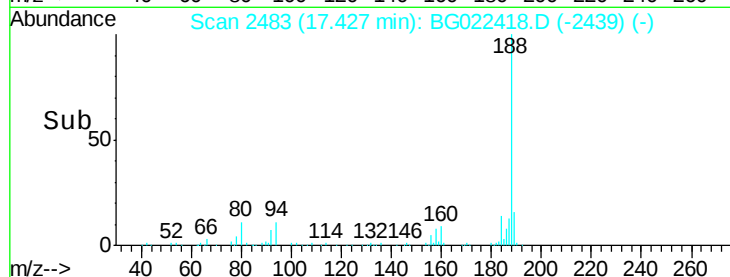
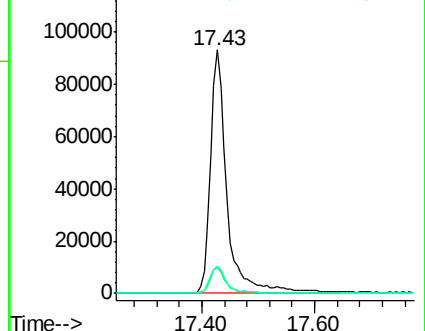
80 11.5 8.6 13.0



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: 20.00 ng

RT: 21.69 min Scan# 3209

Delta R.T. -0.05 min

Lab File: BG022418.D

Acq: 18 Jun 2016 11:20

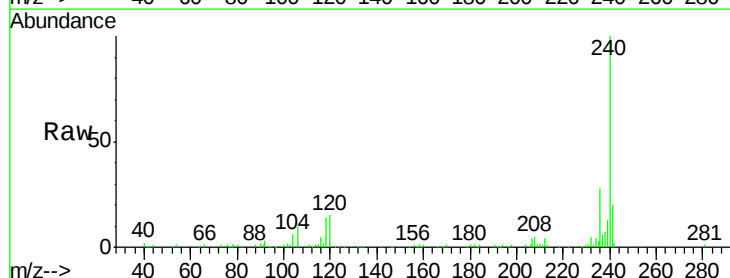
Tgt Ion:240 Resp: 168234

Ion Ratio Lower Upper

240 100

120 14.8 8.4 12.6#

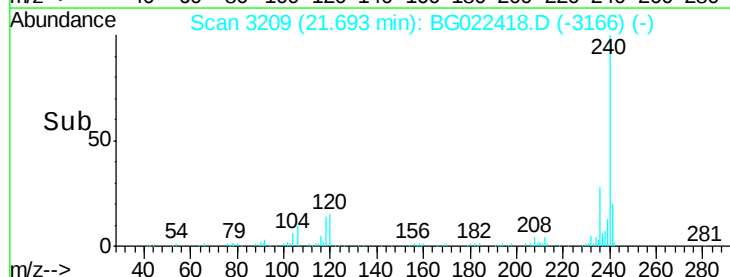
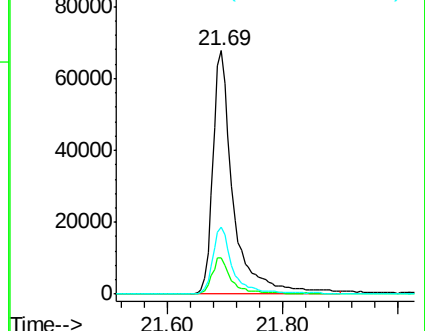
236 27.5 19.6 29.4



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: 85.77 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.03 min

Lab File: BG022418.D

Acq: 18 Jun 2016 11:20

Instrument :

BNA_G

ClientSampleId :

PB91233BL

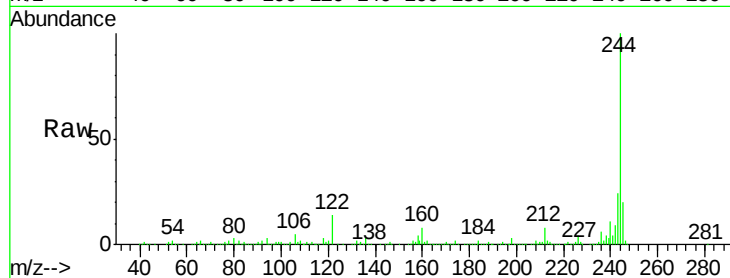
Tot Ion:244 Resp: 607795

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

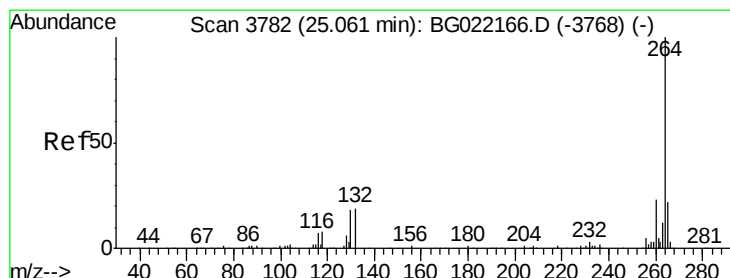
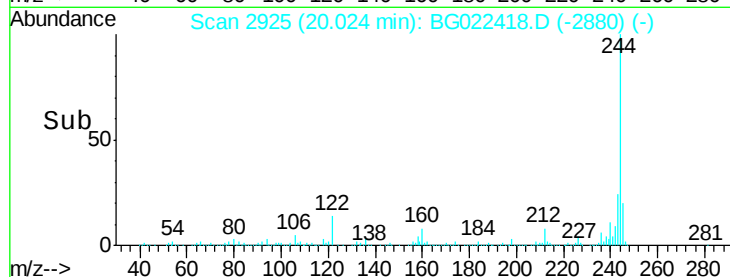
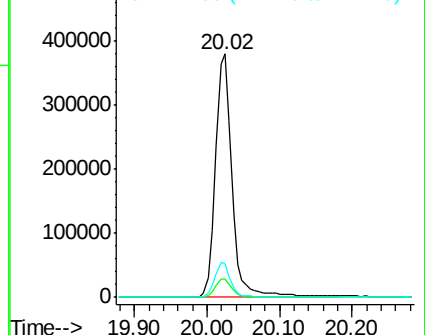
122 14.0 8.6 12.8#



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: 20.00 ng

RT: 24.93 min Scan# 3760

Delta R.T. -0.08 min

Lab File: BG022418.D

Acq: 18 Jun 2016 11:20

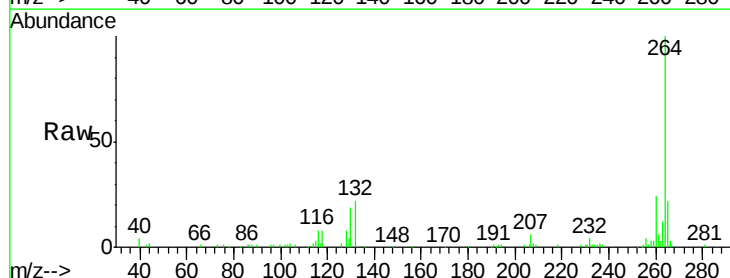
Tgt Ion:264 Resp: 145973

Ion Ratio Lower Upper

264 100

260 23.8 20.2 30.4

265 21.9 17.8 26.8



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

