

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
 Data File : BG022416.D
 Acq On : 18 Jun 2016 10:00
 Operator : UM/SJ
 Sample : PB91363BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91363BL

Quant Time: Jun 20 01:18:46 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	20514	20.00	ng	-0.05
21) Naphthalene-d8	10.86	136	95707	20.00	ng	-0.04
38) Acenaphthene-d10	14.68	164	66100	20.00	ng	-0.04
63) Phenanthrene-d10	17.43	188	156074	20.00	ng	-0.04
75) Chrysene-d12	21.69	240	132022	20.00	ng	-0.05
86) Perylene-d12	24.94	264	115583	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	149426	140.84	ng	-0.03
7) Phenol-d6	7.23	99	214780	128.75	ng	-0.02
23) Nitrobenzene-d5	9.22	82	106061	77.26	ng	-0.04
41) 2,4,6-Tribromophenol	16.18	330	73673	98.64	ng	-0.04
44) 2-Fluorobiphenyl	13.30	172	313781	72.34	ng	-0.04
78) Terphenyl-d14	20.02	244	479669	86.26	ng	-0.03

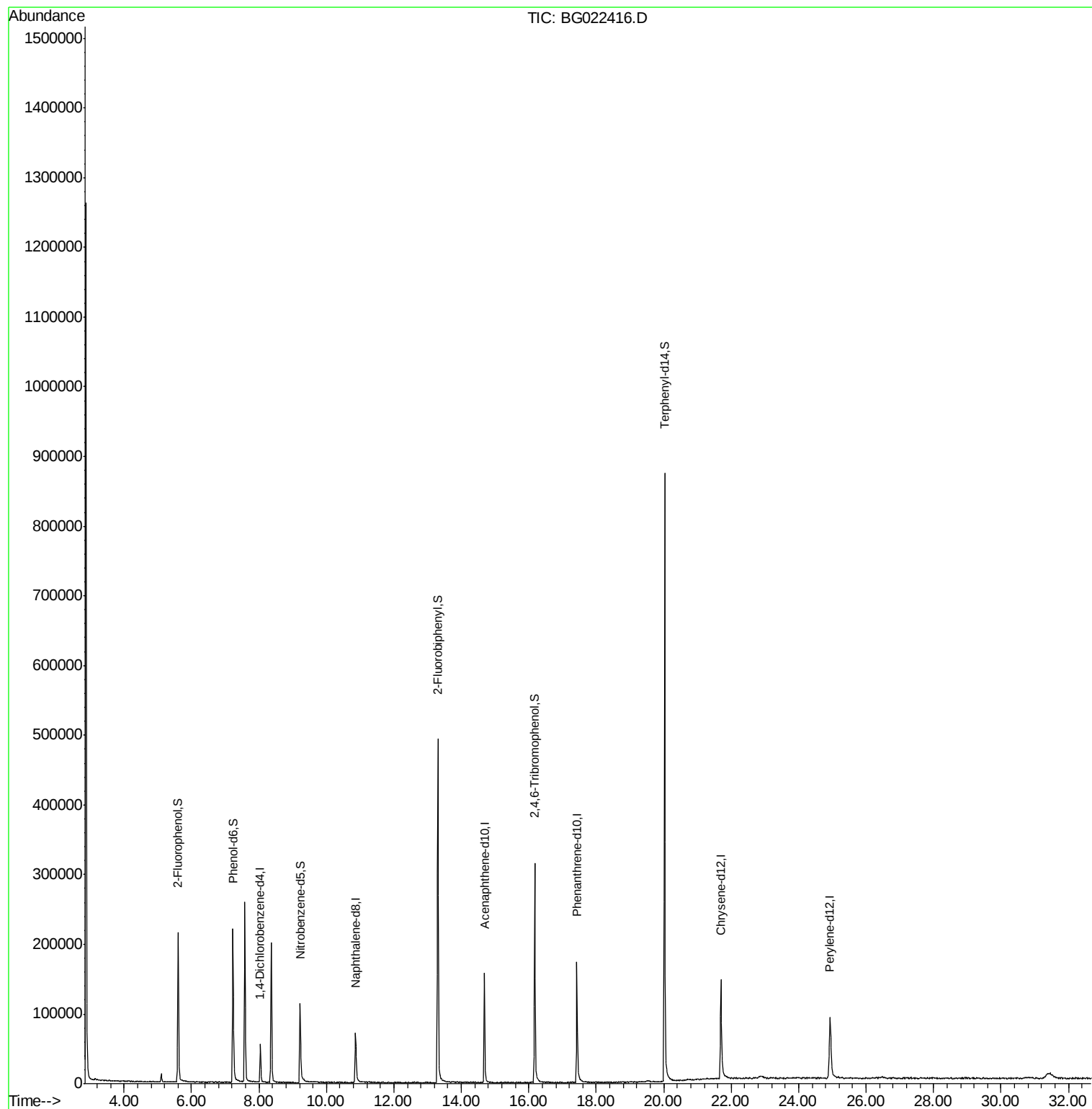
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061716\
Data File : BG022416.D
Acq On : 18 Jun 2016 10:00
Operator : UM/SJ
Sample : PB91363BL
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB91363BL

Quant Time: Jun 20 01:18:46 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: BG022416.D

Acq: 18 Jun 2016 10:00

Instrument :

BNA_G

ClientSampled :

PB91363BL

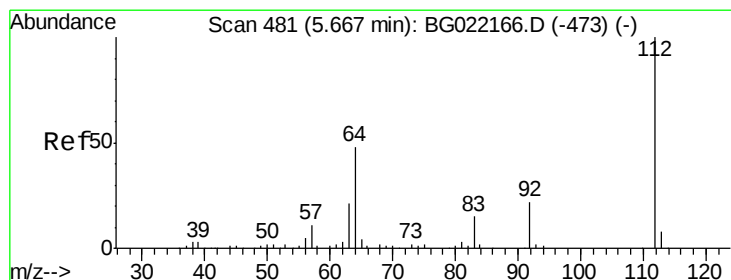
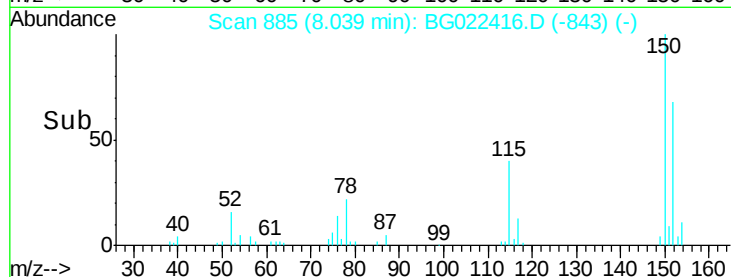
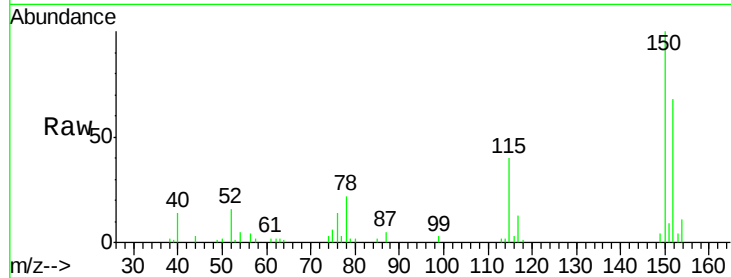
Tot Ion:152 Resp: 20514

Ion Ratio Lower Upper

152 100

150 147.4 130.1 195.1

115 59.6 62.2 93.2#



#5

2-Fluorophenol

Concen: 140.84 ng

RT: 5.60 min Scan# 470

Delta R.T. -0.03 min

Lab File: BG022416.D

Acq: 18 Jun 2016 10:00

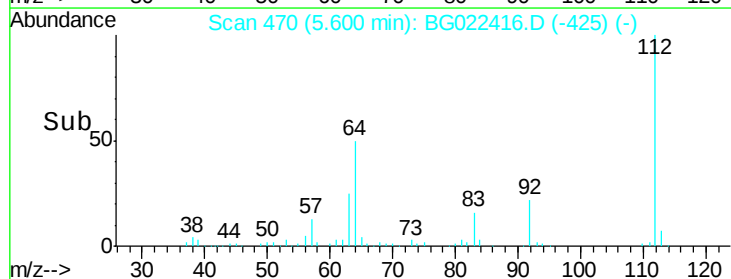
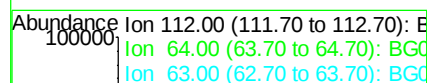
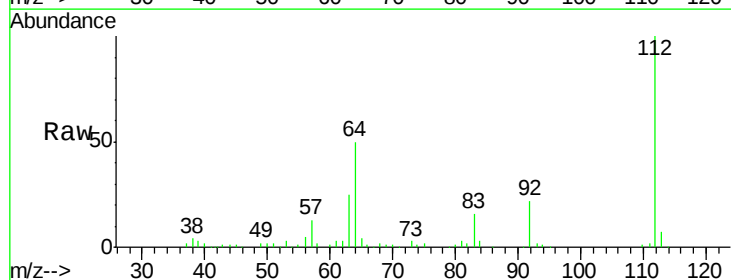
Tgt Ion:112 Resp: 149426

Ion Ratio Lower Upper

112 100

64 49.8 51.1 76.7#

63 25.0 24.6 37.0





#7

Phenol-d6

Concen: 128.75 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG022416.D

Acq: 18 Jun 2016 10:00

Instrument :

BNA_G

ClientSampleId :

PB91363BL

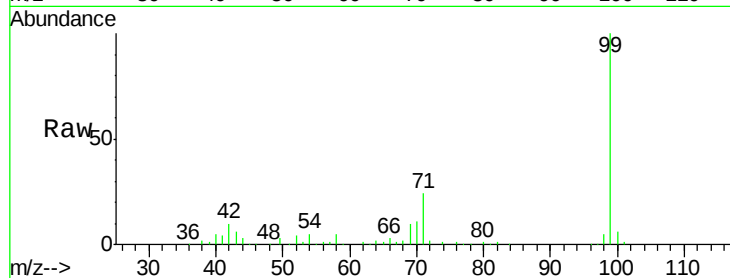
Tot Ion: 99 Resp: 214780

Ion Ratio Lower Upper

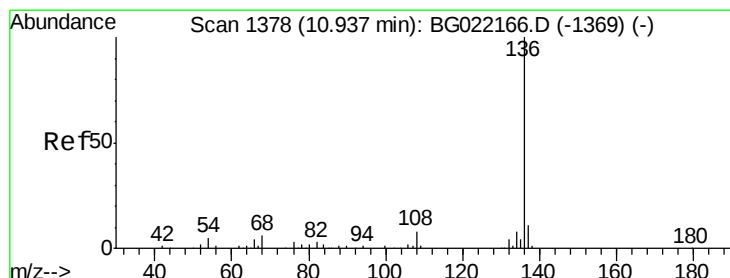
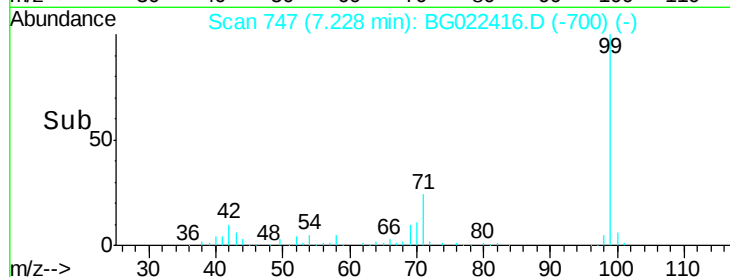
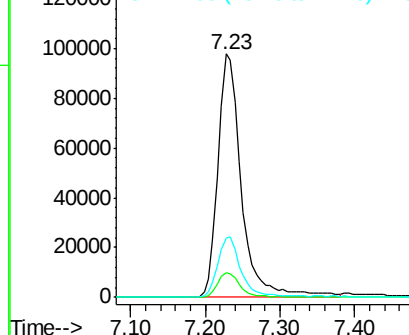
99 100

42 10.1 16.4 24.6#

71 24.4 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: BG022416.D

Acq: 18 Jun 2016 10:00

Tgt Ion: 136 Resp: 95707

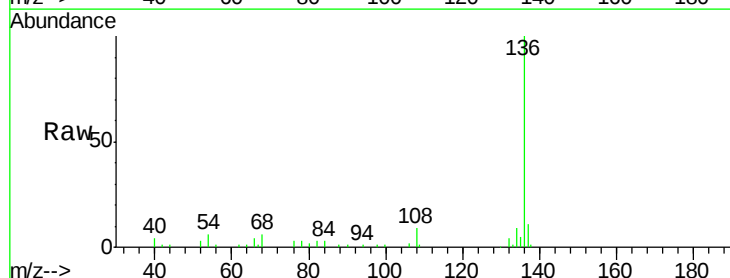
Ion Ratio Lower Upper

136 100

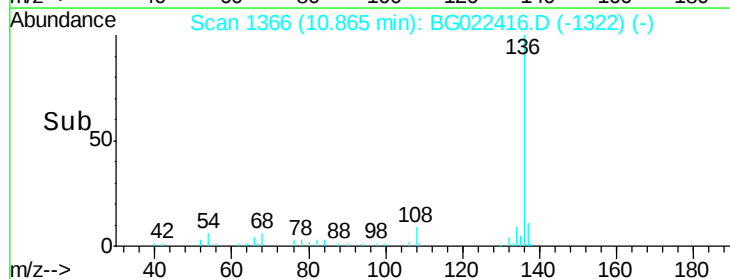
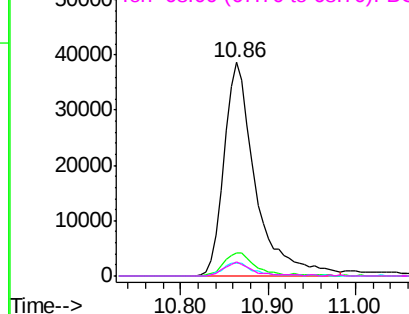
137 11.0 9.0 13.4

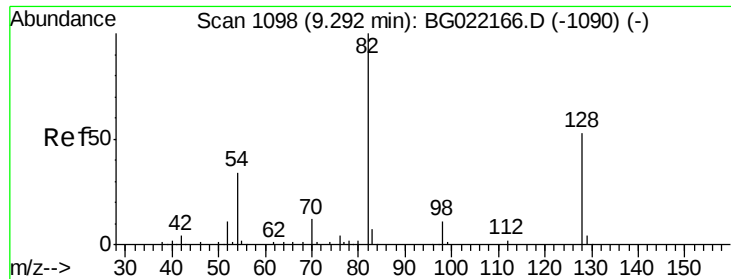
54 6.0 9.6 14.4#

68 6.5 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

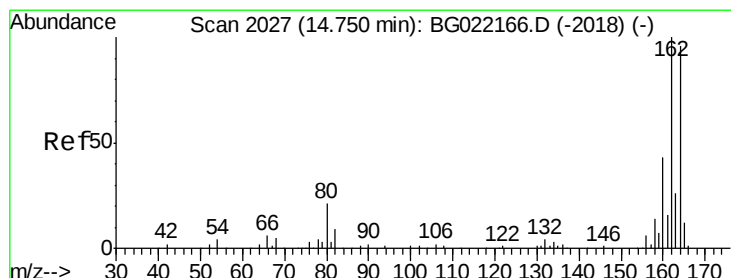
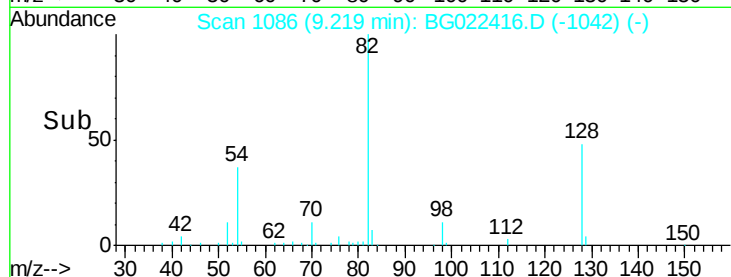
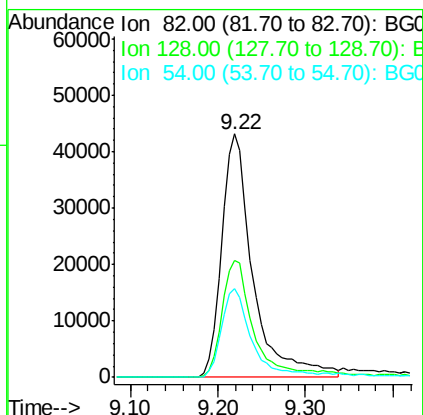
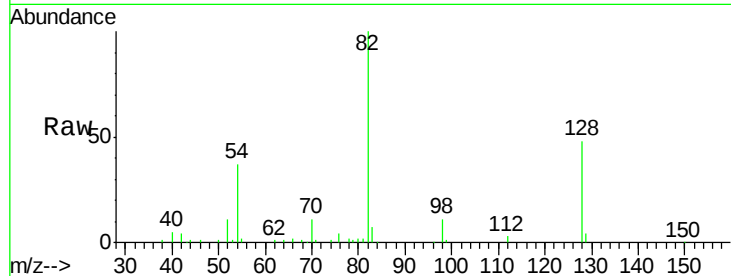




#23
Nitrobenzene-d5
Concen: 77.26 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022416.D
Acq: 18 Jun 2016 10:00

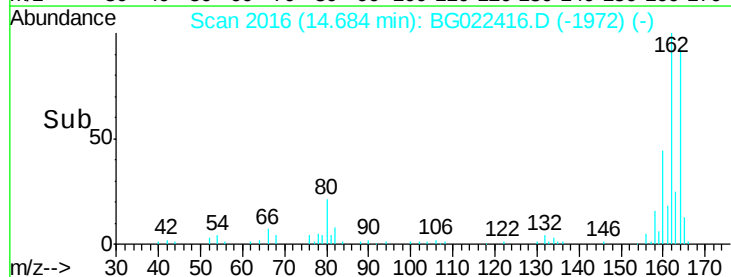
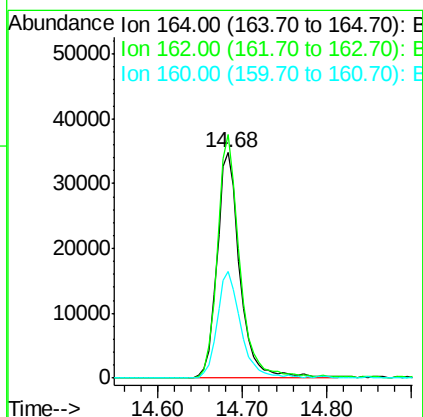
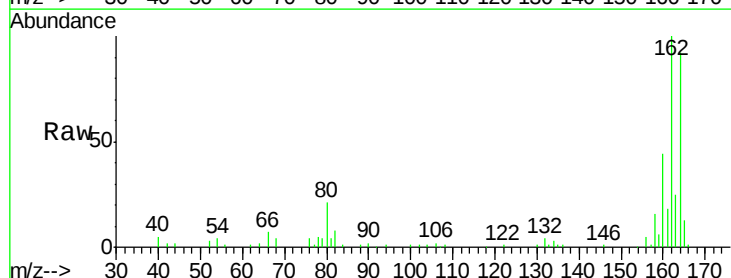
Instrument :
BNA_G
ClientSampleId :
PB91363BL

Tot Ion: 82 Resp: 106061
Ion Ratio Lower Upper
82 100
128 48.1 33.4 50.0
54 36.6 46.1 69.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022416.D
Acq: 18 Jun 2016 10:00

Tgt Ion:164 Resp: 66100
Ion Ratio Lower Upper
164 100
162 108.2 78.0 117.0
160 47.2 32.9 49.3

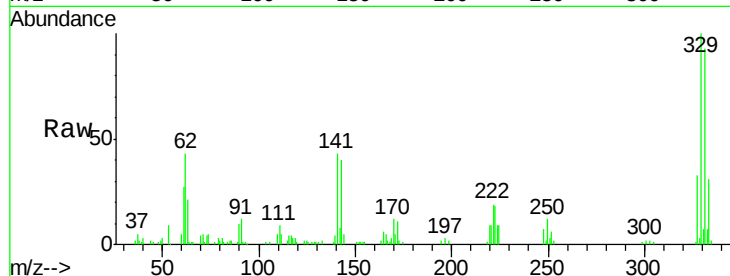




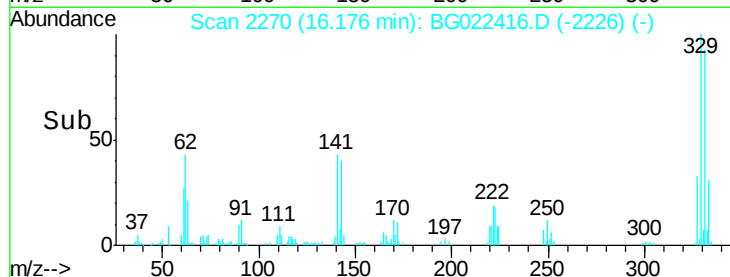
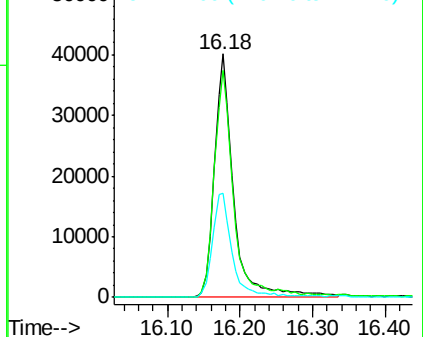
#41
 2,4,6-Tribromophenol
 Concen: 98.64 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022416.D
 Acq: 18 Jun 2016 10:00

Instrument :
 BNA_G
 ClientSampleId :
 PB91363BL

Tot Ion:330 Resp: 73673
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.0 117.0
 141 44.0 33.8 50.8

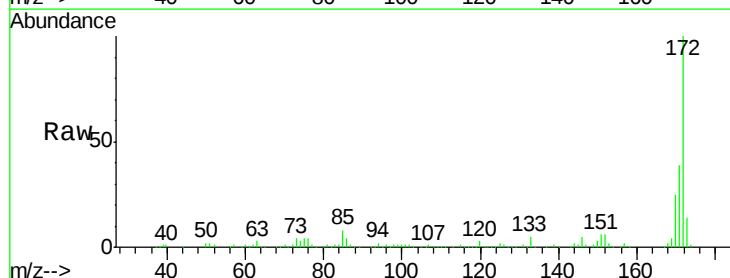


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

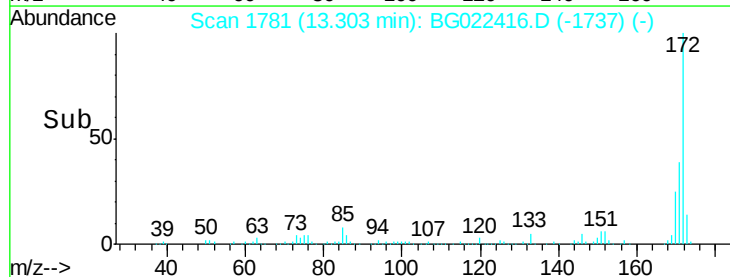
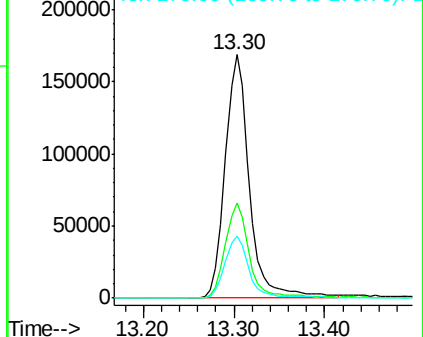


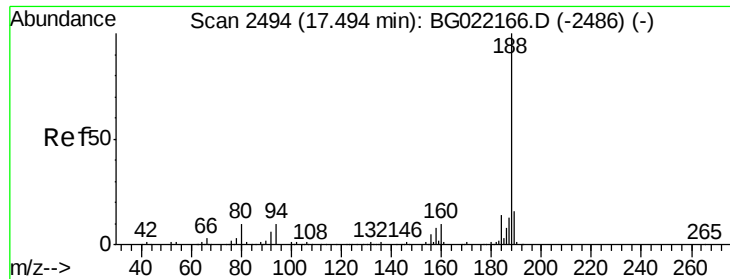
#44
 2-Fluorobiphenyl
 Concen: 72.34 ng
 RT: 13.30 min Scan# 1781
 Delta R.T. -0.04 min
 Lab File: BG022416.D
 Acq: 18 Jun 2016 10:00

Tgt Ion:172 Resp: 313781
 Ion Ratio Lower Upper
 172 100
 171 39.2 27.8 41.6
 170 25.4 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: BG022416.D

Acq: 18 Jun 2016 10:00

Instrument :

BNA_G

ClientSampleId :

PB91363BL

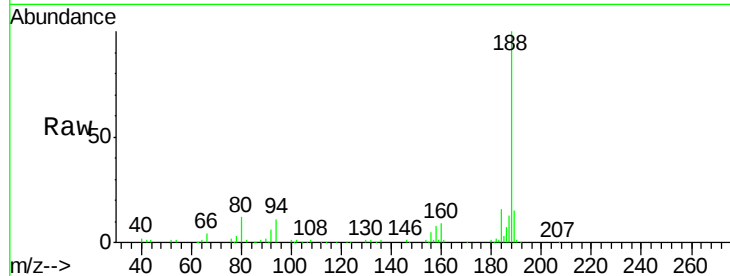
Tot Ion:188 Resp: 156074

Ion Ratio Lower Upper

188 100

94 11.1 7.5 11.3

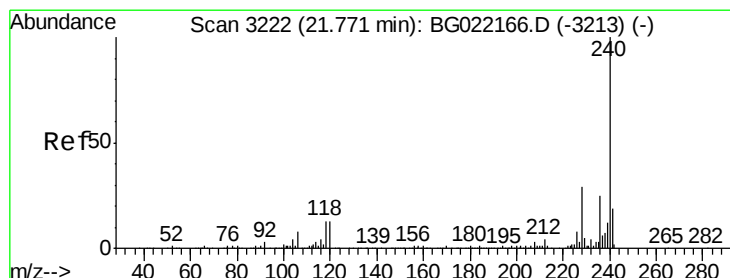
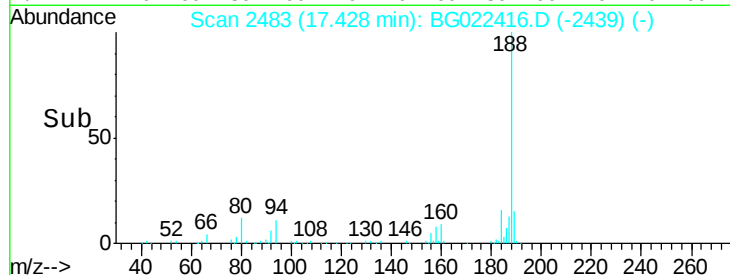
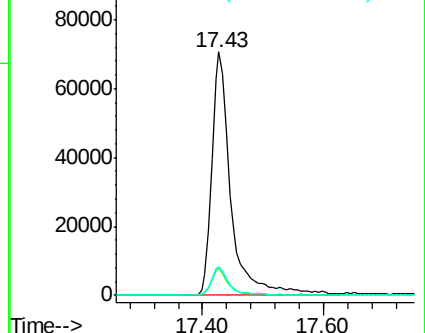
80 11.6 8.6 13.0



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: BG022416.D

Acq: 18 Jun 2016 10:00

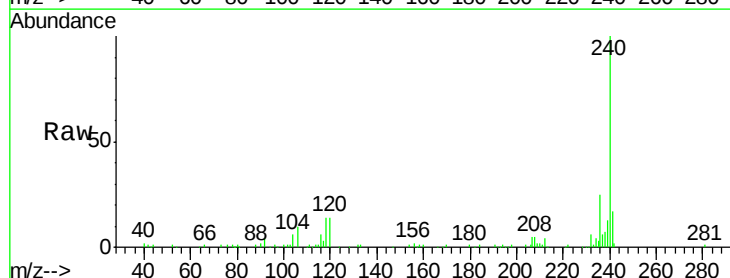
Tgt Ion:240 Resp: 132022

Ion Ratio Lower Upper

240 100

120 13.5 8.4 12.6#

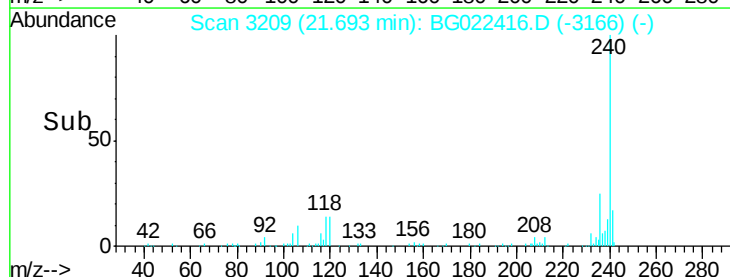
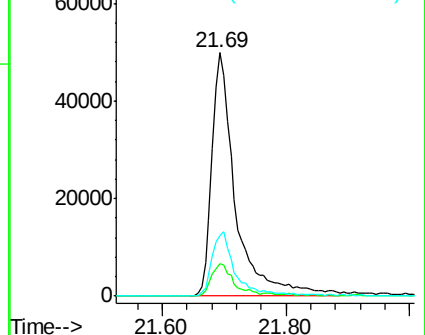
236 24.6 19.6 29.4

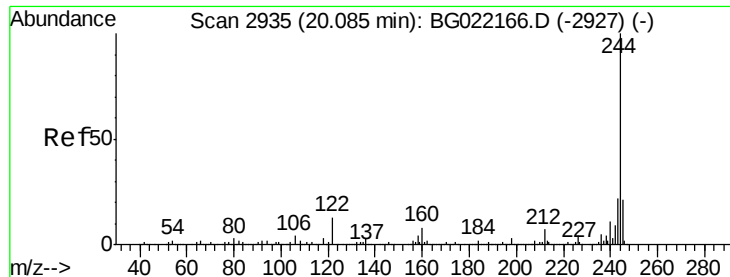


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.26 ng

RT: 20.02 min Scan# 2925

Delta R.T. -0.03 min

Lab File: BG022416.D

Acq: 18 Jun 2016 10:00

Instrument :

BNA_G

ClientSampleId :

PB91363BL

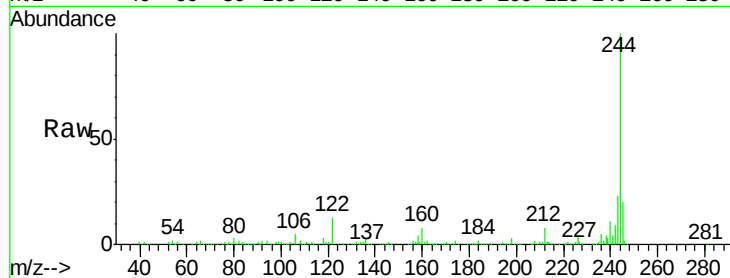
Tot Ion:244 Resp: 479669

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

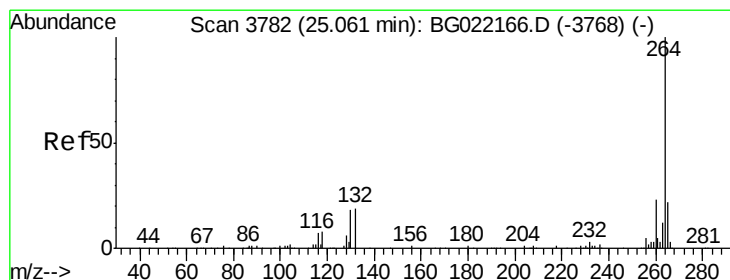
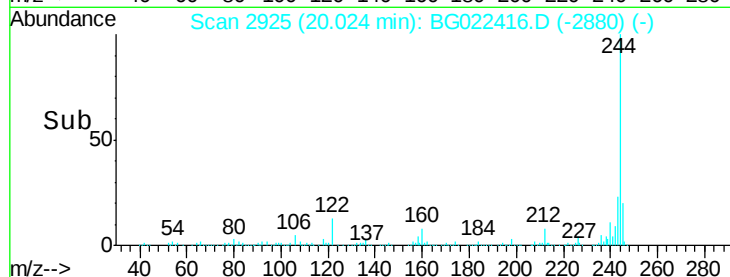
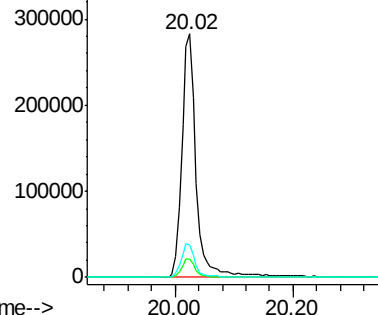
122 13.4 8.6 12.8#



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: 24.94 min Scan# 3761

Delta R.T. -0.08 min

Lab File: BG022416.D

Acq: 18 Jun 2016 10:00

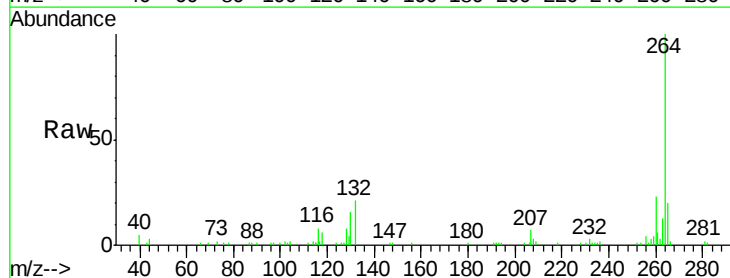
Tgt Ion:264 Resp: 115583

Ion Ratio Lower Upper

264 100

260 23.4 20.2 30.4

265 20.1 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

