

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

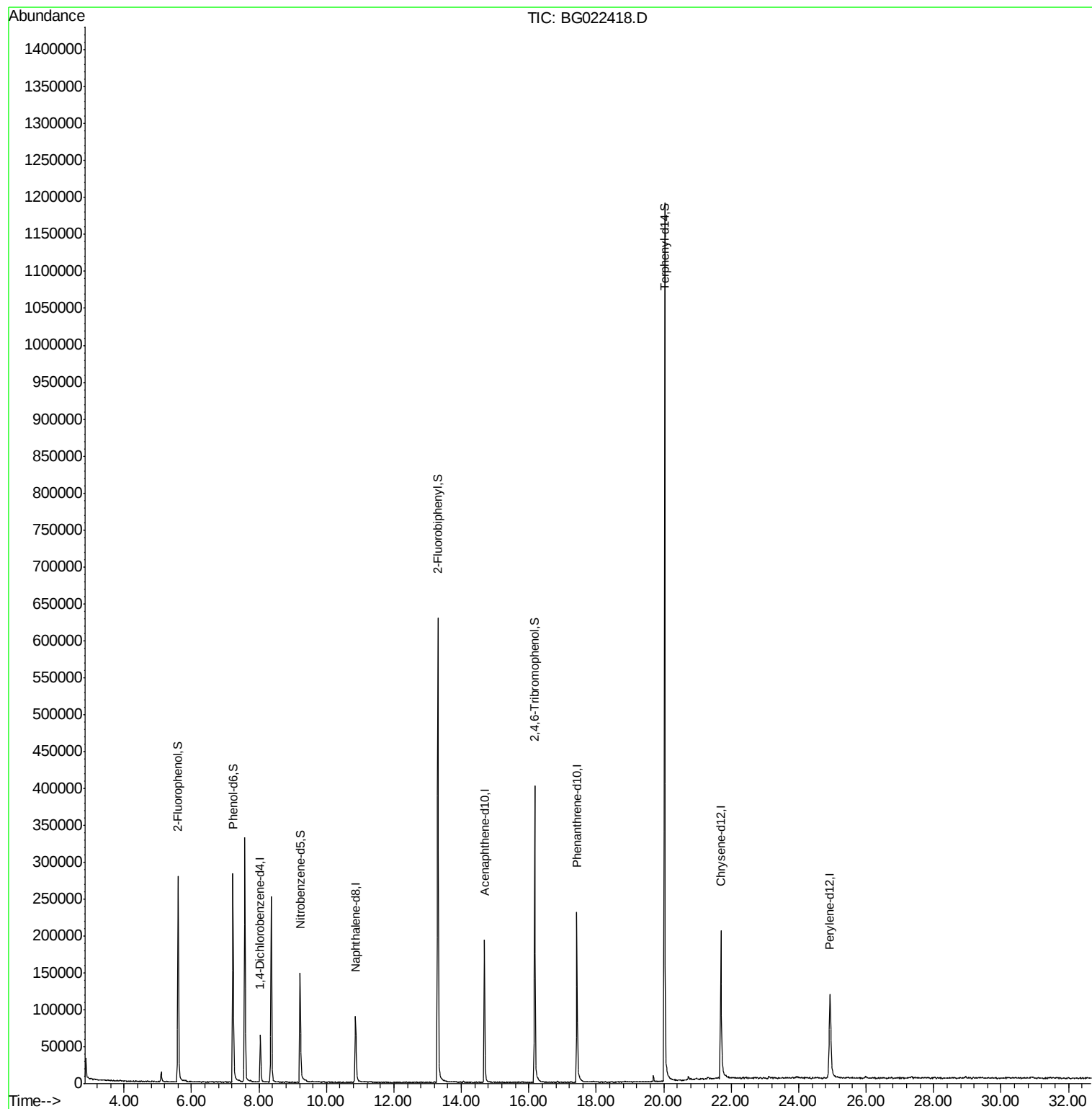
Target Compounds	Qvalue
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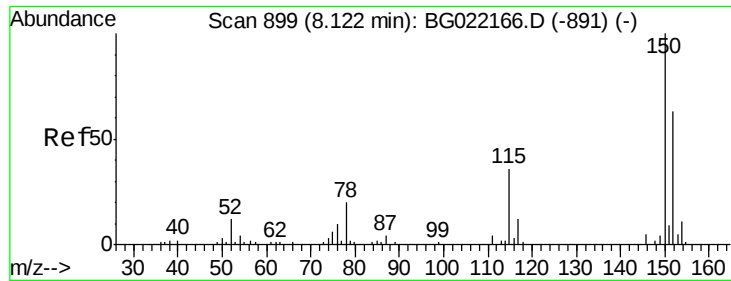
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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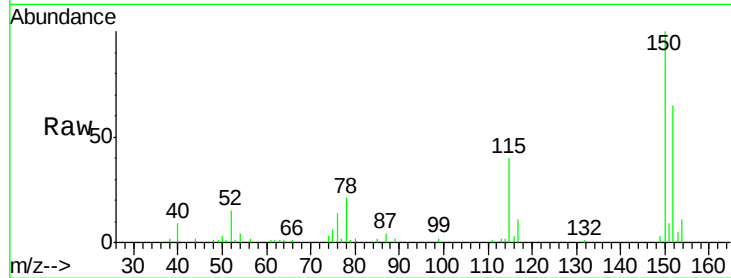


#1

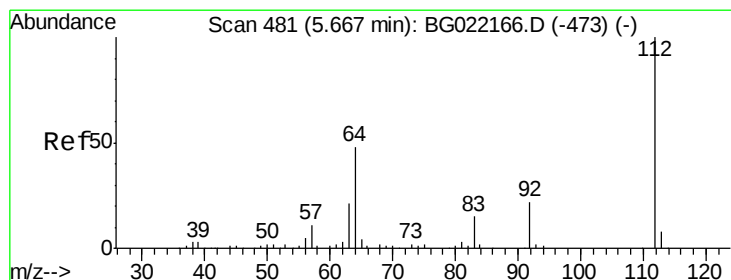
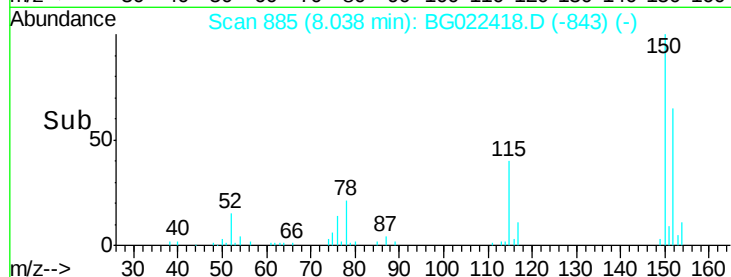
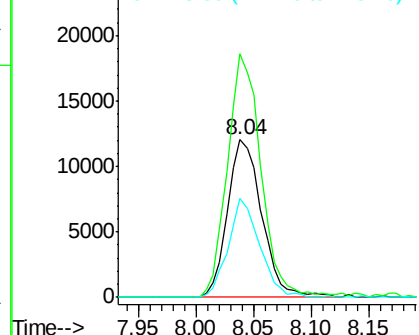
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.05 min
Lab File: BG022418.D
Acq: 18 Jun 2016 11:20

Instrument :
BNA_G
ClientSampleId :
PB91233BL

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



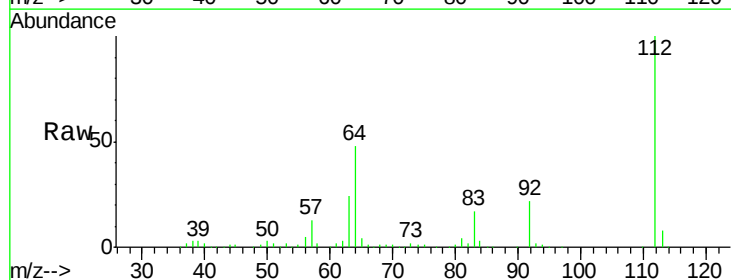
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



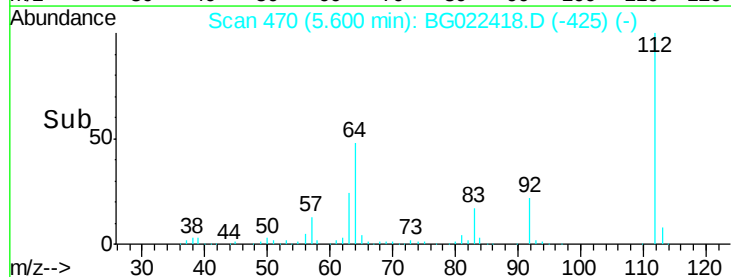
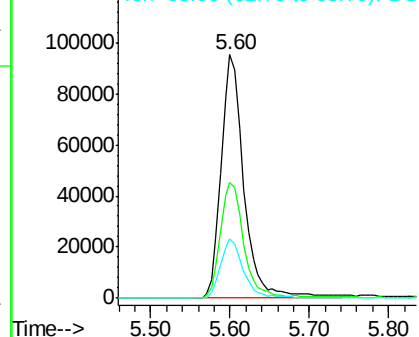
#5

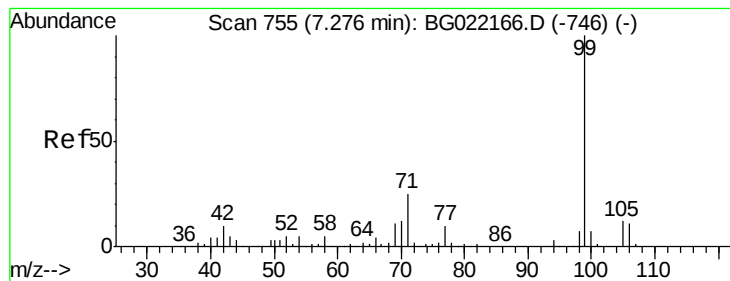
2-Fluorophenol
Concen: 147.97 ng
RT: 5.60 min Scan# 470
Delta R.T. -0.03 min
Lab File: BG022418.D
Acq: 18 Jun 2016 11:20

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

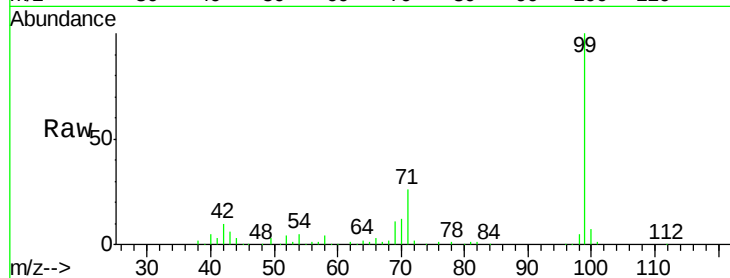
Tgt Ion: 99 Resp: 265830

Ion Ratio Lower Upper

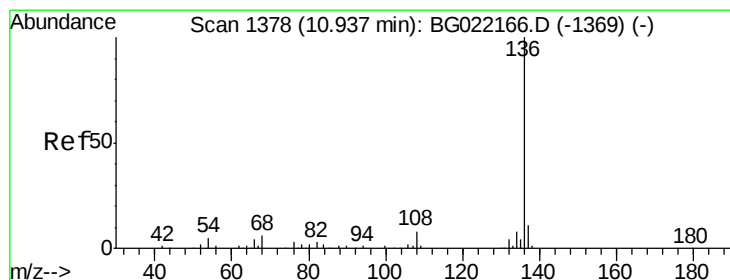
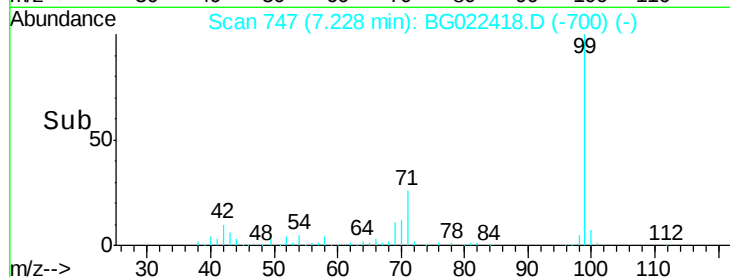
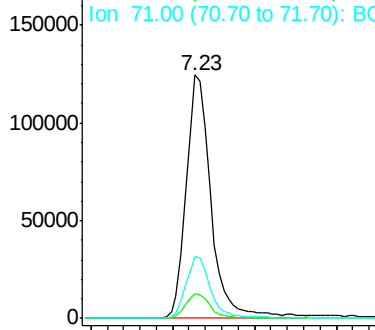
99 100

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

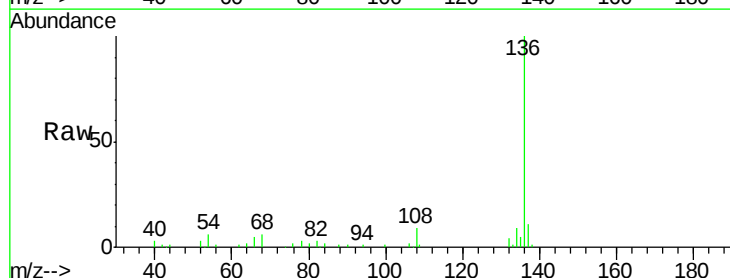
Ion Ratio Lower Upper

136 100

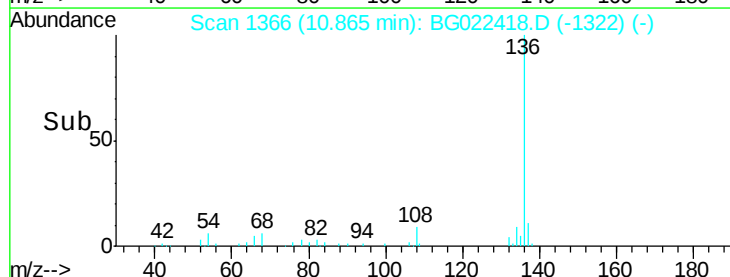
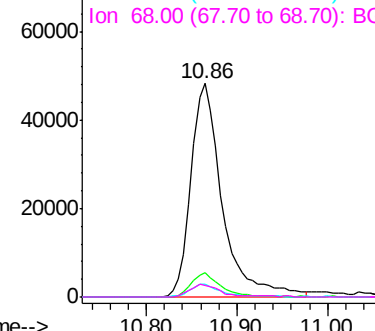
137 11.4 9.0 13.4

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

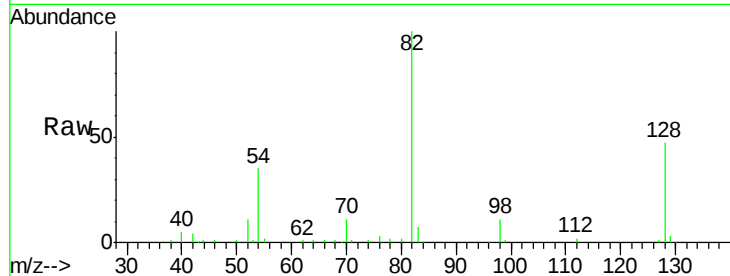




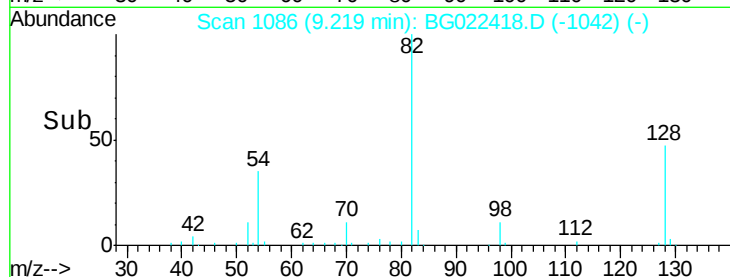
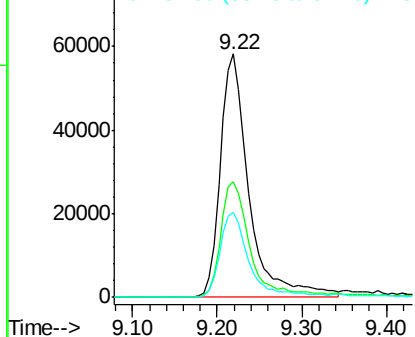
#23
Nitrobenzene-d5
Concen: 82.15 ng
RT: 9.22 min Scan# 1086
Delta R.T. -0.04 min
Lab File: BG022418.D
Acq: 18 Jun 2016 11:20

Instrument :
BNA_G
ClientSampleId :
PB91233BL

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

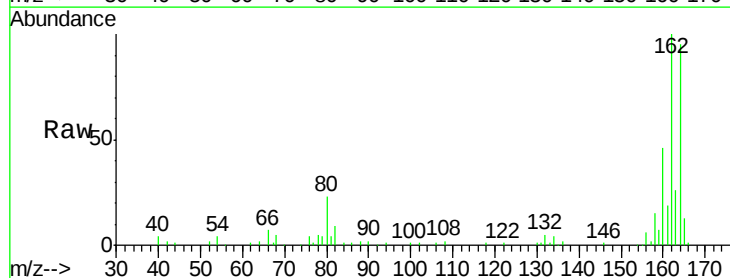


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

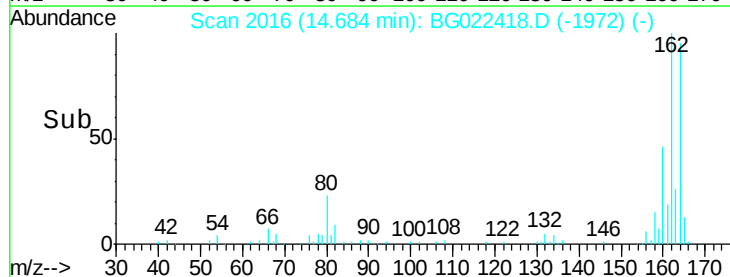
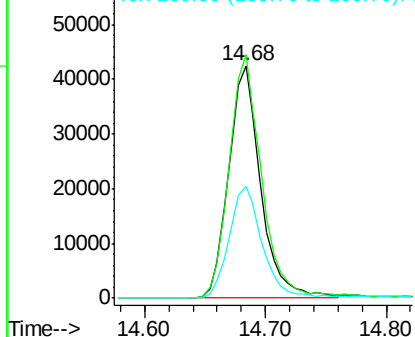


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 2016
Delta R.T. -0.04 min
Lab File: BG022418.D
Acq: 18 Jun 2016 11:20

Tgt Ion: 164 Resp: 78091
Ion Ratio Lower Upper
164 100
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

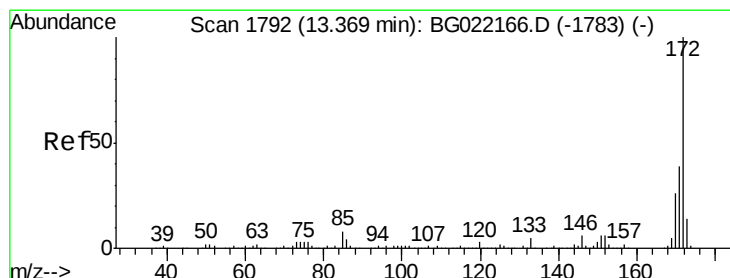
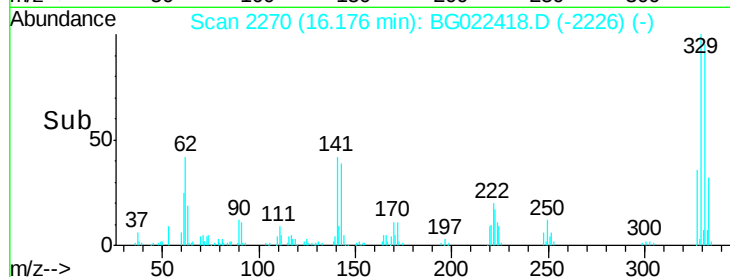
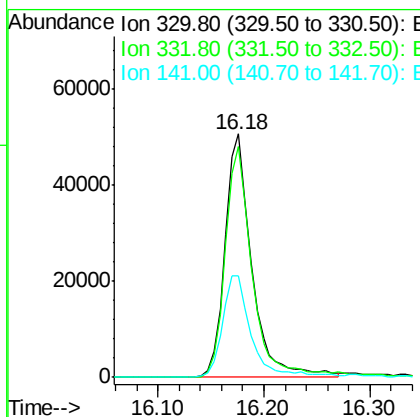
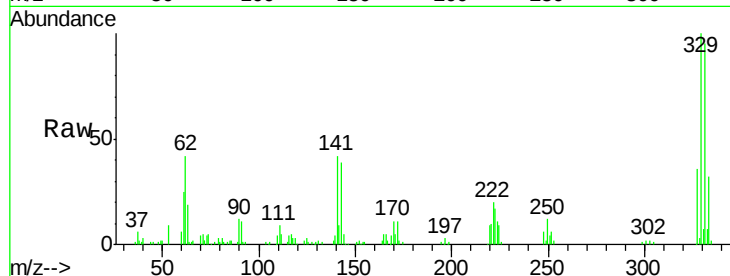




#41
 2,4,6-Tribromophenol
 Concen: 101.18 ng
 RT: 16.18 min Scan# 2270
 Delta R.T. -0.04 min
 Lab File: BG022418.D
 Acq: 18 Jun 2016 11:20

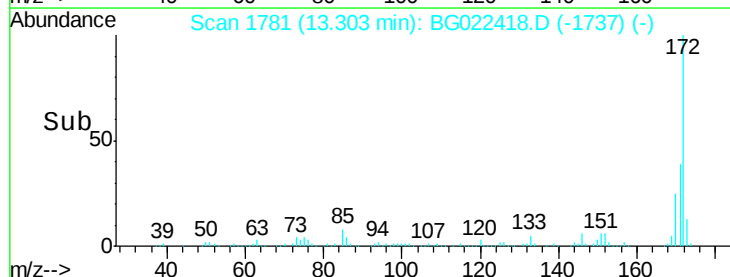
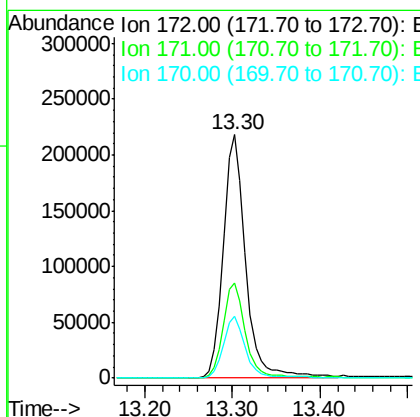
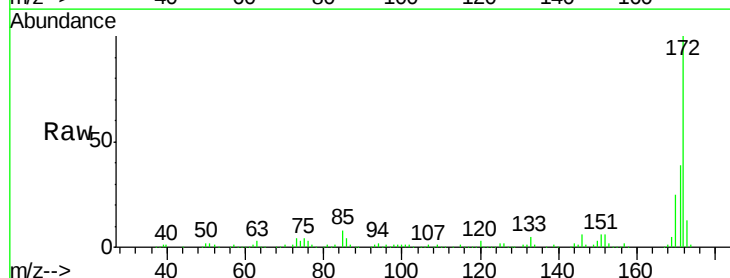
Instrument :
 BNA_G
 ClientSampleId :
 PB91233BL

Tgt Ion:330 Resp: 89284
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.0 117.0
 141 44.5 33.8 50.8



#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:172 Resp: 387738
 Ion Ratio Lower Upper
 172 100
 171 39.0 27.8 41.6
 170 25.3 19.6 29.4

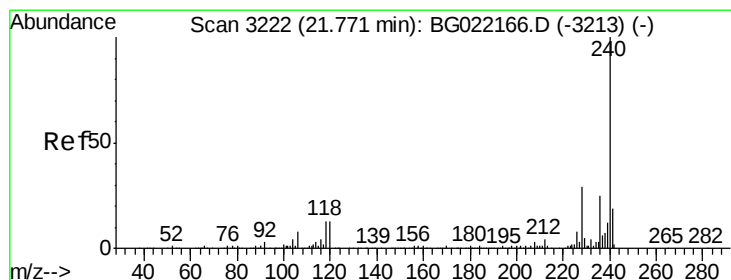
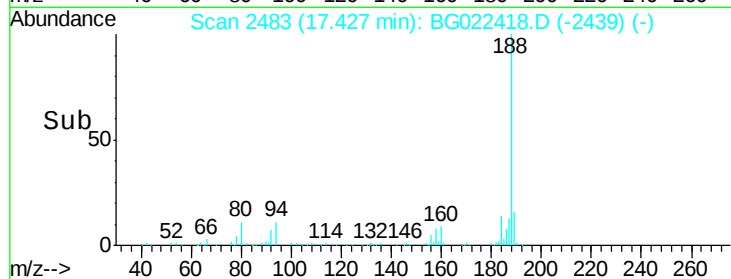
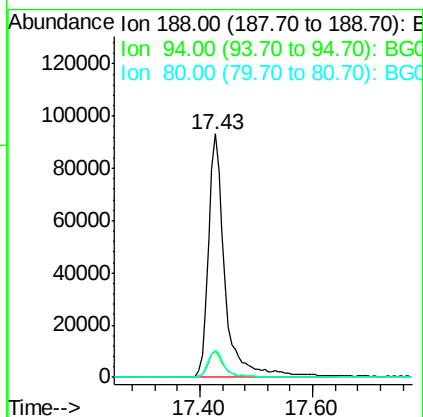
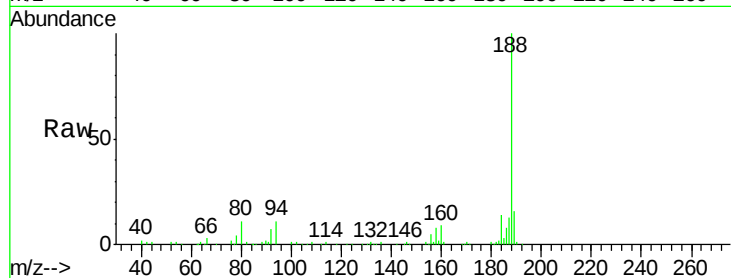




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.43 min Scan# 2483
Delta R.T. -0.04 min
Lab File: BG022418.D
Acq: 18 Jun 2016 11:20

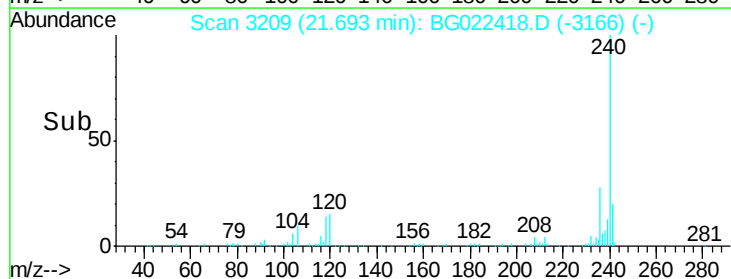
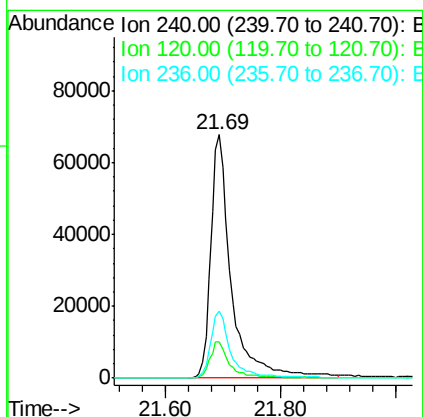
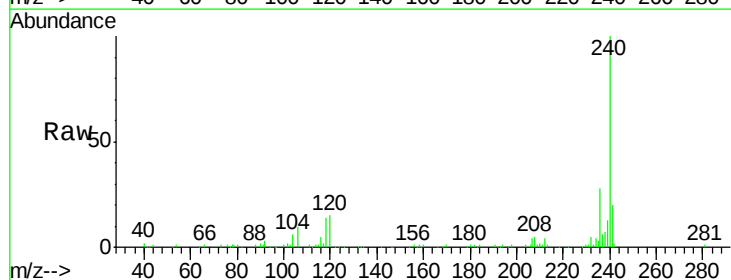
Instrument :
BNA_G
ClientSampleId :
PB91233BL

Tgt Ion:188 Resp: 189792
Ion Ratio Lower Upper
188 100
94 10.9 7.5 11.3
80 11.5 8.6 13.0



#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





#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

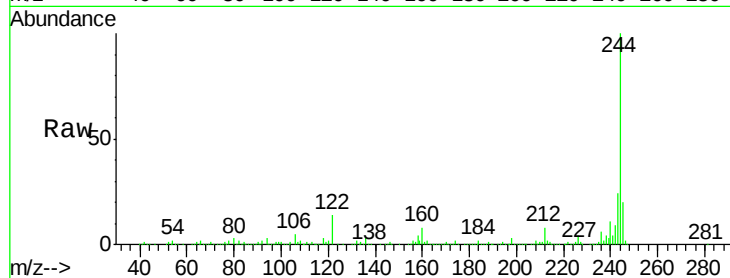
Tgt Ion:244 Resp: 607795

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

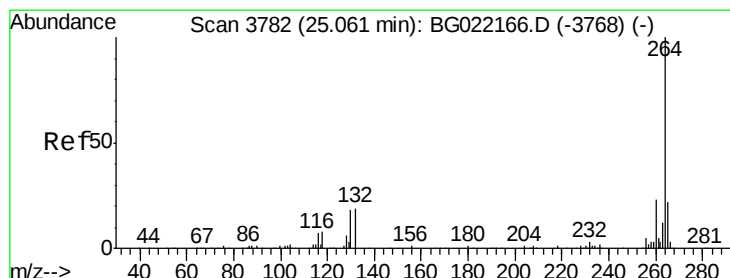
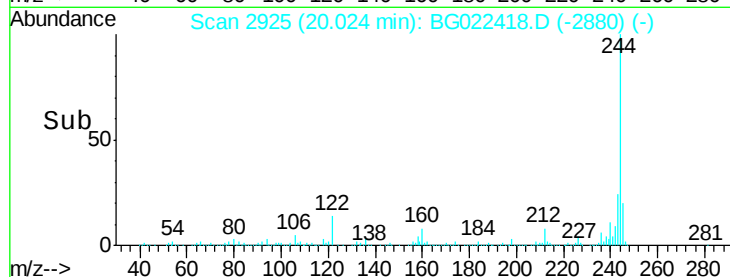
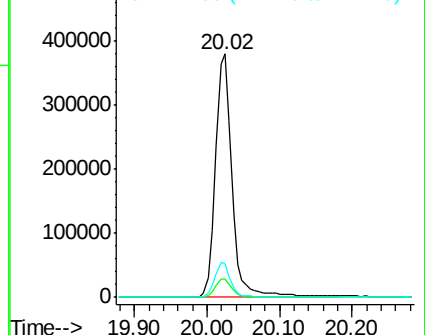
122 14.0 8.6 12.8#



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

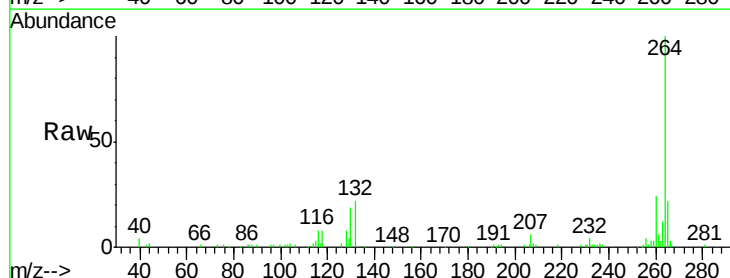
Tgt Ion:264 Resp: 145973

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

