

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060616\
 Data File : BG022187.D
 Acq On : 7 Jun 2016 3:12
 Operator : UM/SJ
 Sample : PB91120BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB91120BL

Quant Time: Jun 07 04:03:26 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	25486	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	115004	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	73252	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	174834	20.00	ng	0.00
75) Chrysene-d12	21.77	240	179337	20.00	ng	0.00
86) Perylene-d12	25.06	264	175317	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	184353	139.86	ng	0.00
7) Phenol-d6	7.28	99	255029	123.05	ng	0.00
23) Nitrobenzene-d5	9.29	82	131184	79.53	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	104144	125.82	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	384720	80.04	ng	0.00
78) Terphenyl-d14	20.08	244	693612	91.82	ng	0.00

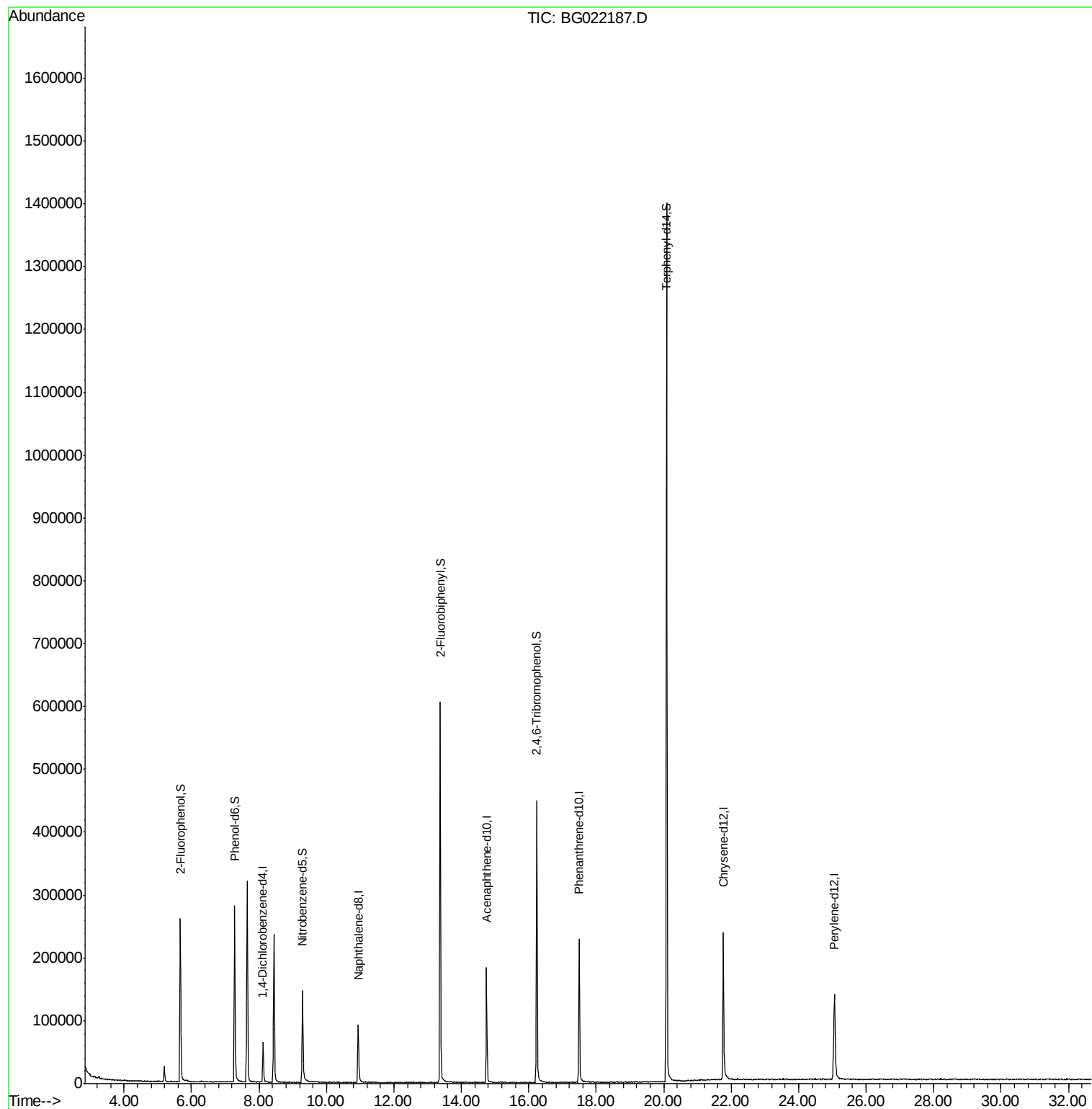
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

Lab File: BG022187.D

Acq: 7 Jun 2016 3:12

Instrument :

BNA_G

ClientSampleId :

PB91120BL

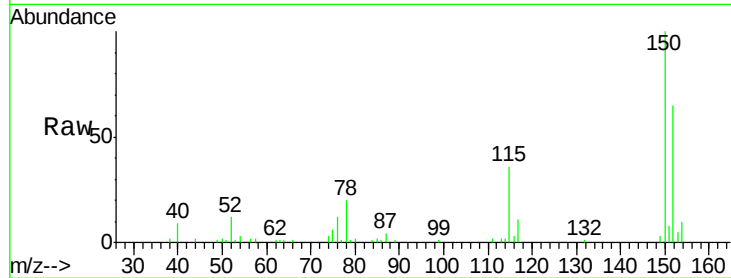
Tgt Ion:152 Resp: 25486

Ion Ratio Lower Upper

152 100

150 154.0 130.1 195.1

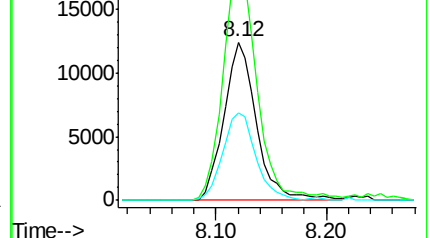
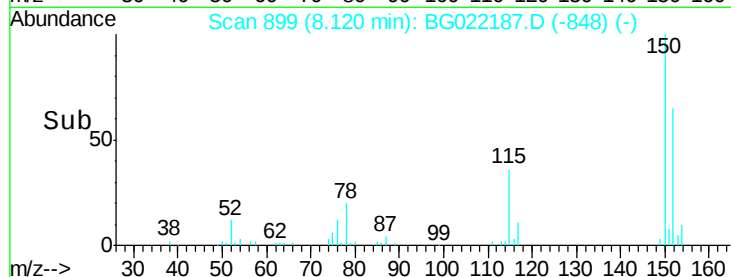
115 55.4 62.2 93.2#



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: 139.86 ng

RT: 5.67 min Scan# 482

Delta R.T. 0.00 min

Lab File: BG022187.D

Acq: 7 Jun 2016 3:12

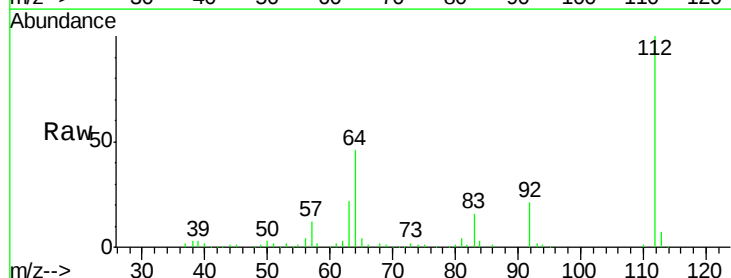
Tgt Ion:112 Resp: 184353

Ion Ratio Lower Upper

112 100

64 46.1 51.1 76.7#

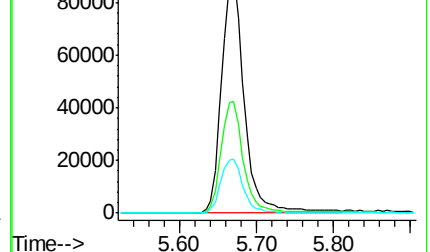
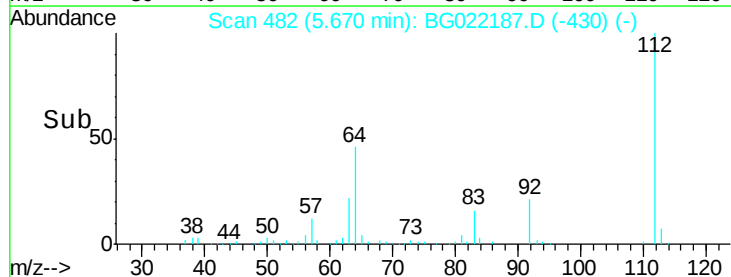
63 22.4 24.6 37.0#

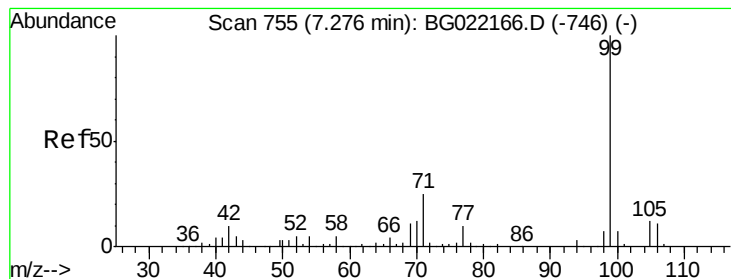


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 123.05 ng

RT: 7.28 min Scan# 756

Delta R.T. 0.00 min

Lab File: BG022187.D

Acq: 7 Jun 2016 3:12

Instrument :

BNA_G

ClientSampleId :

PB91120BL

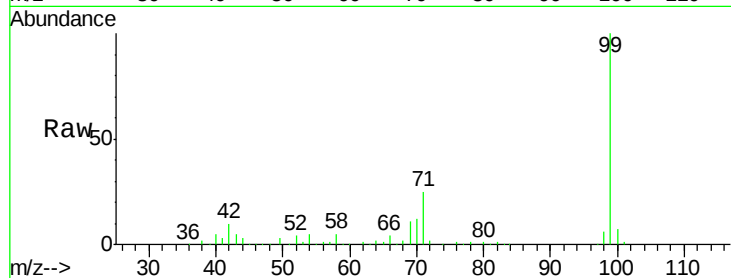
Tgt Ion: 99 Resp: 255029

Ion Ratio Lower Upper

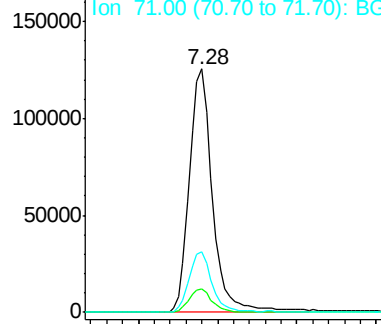
99 100

42 9.5 16.4 24.6#

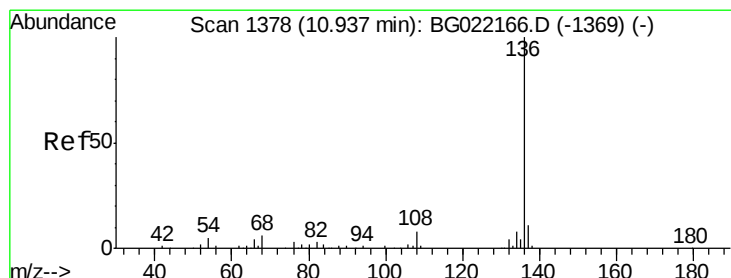
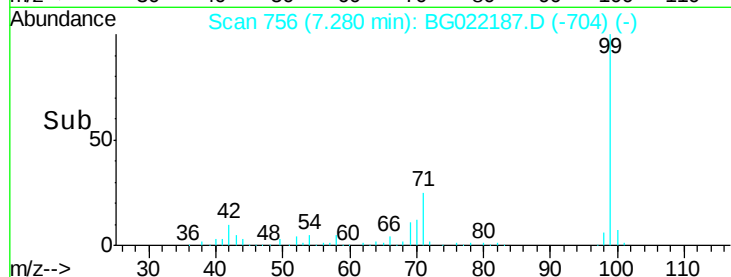
71 25.0 25.0 37.4



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BG022187.D

Acq: 7 Jun 2016 3:12

Tgt Ion: 136 Resp: 115004

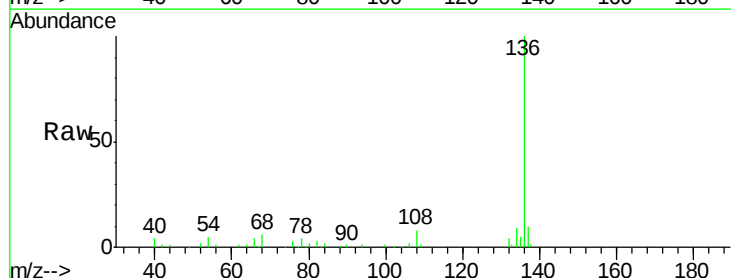
Ion Ratio Lower Upper

136 100

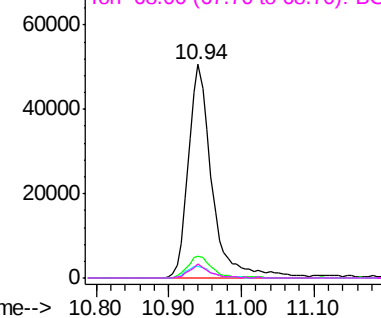
137 10.1 9.0 13.4

54 5.4 9.6 14.4#

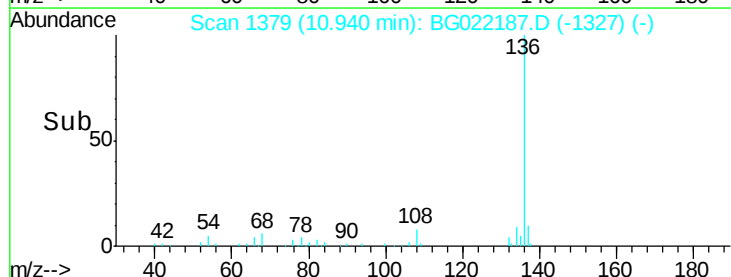
68 6.3 6.4 9.6#

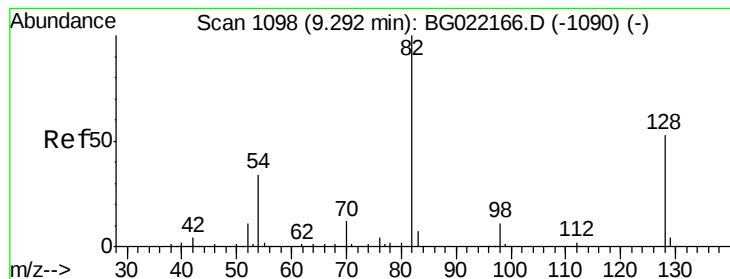


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->





#23

Nitrobenzene-d5

Concen: 79.53 ng

RT: 9.29 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BG022187.D

Acq: 7 Jun 2016 3:12

Instrument :

BNA_G

ClientSampleId :

PB91120BL

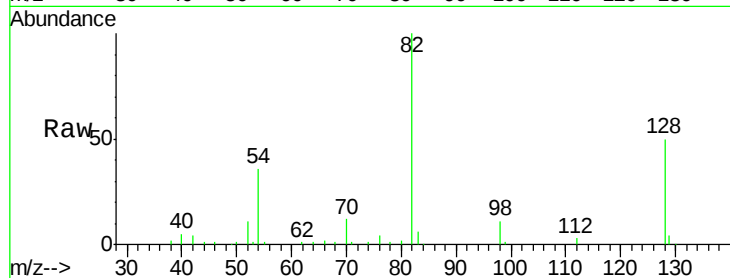
Tgt Ion: 82 Resp: 131184

Ion Ratio Lower Upper

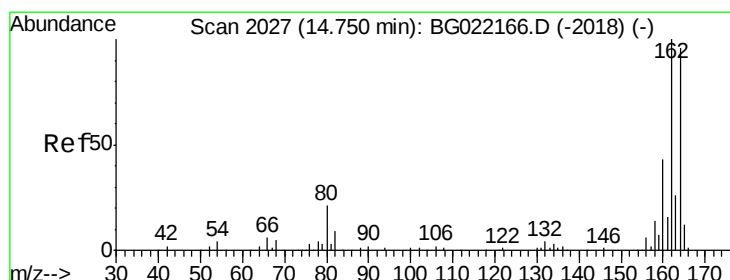
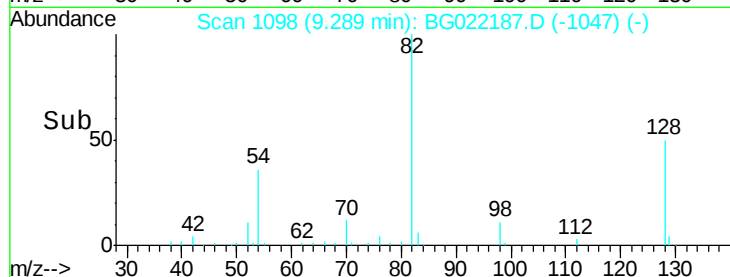
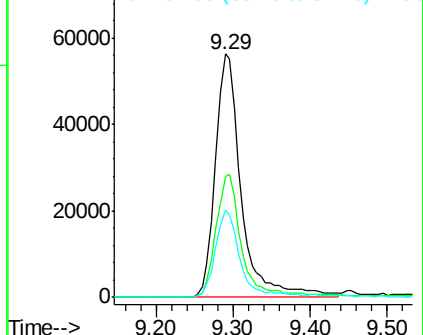
82 100

128 49.7 33.4 50.0

54 35.8 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: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG022187.D

Acq: 7 Jun 2016 3:12

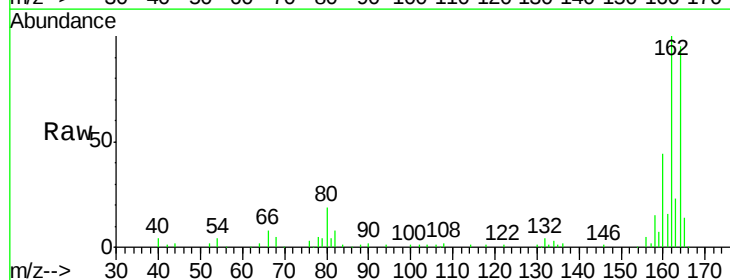
Tgt Ion: 164 Resp: 73252

Ion Ratio Lower Upper

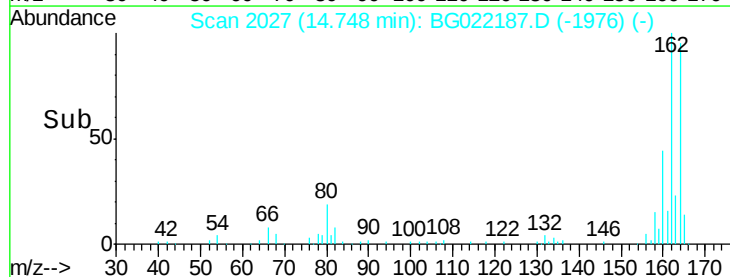
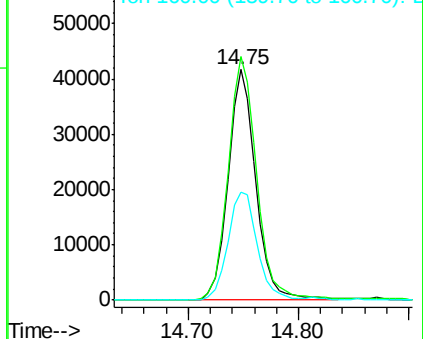
164 100

162 105.7 78.0 117.0

160 46.8 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

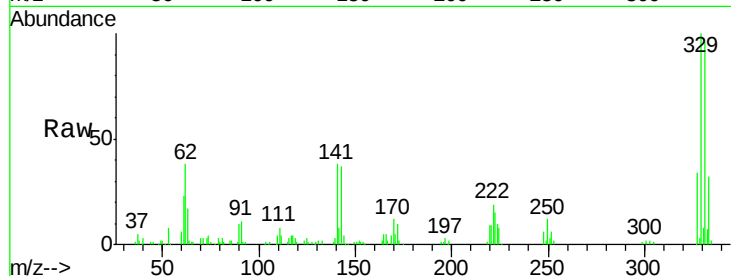




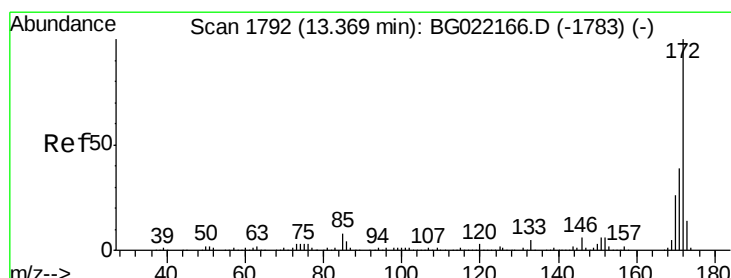
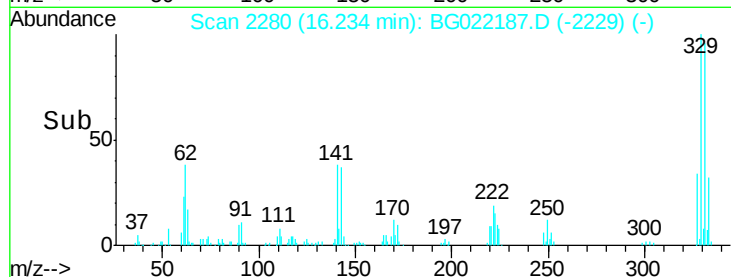
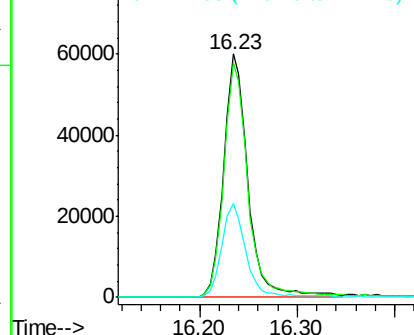
#41
 2,4,6-Tribromophenol
 Concen: 125.82 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022187.D
 Acq: 7 Jun 2016 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB91120BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.0	117.0
141	38.1	33.8	50.8

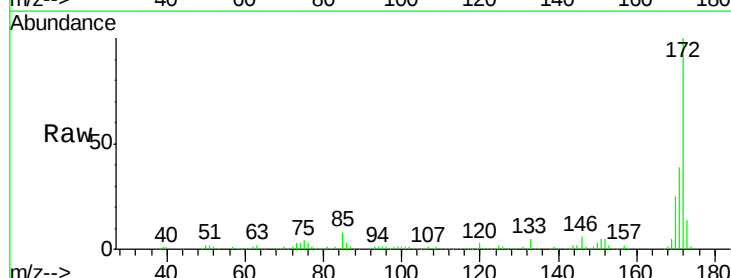


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

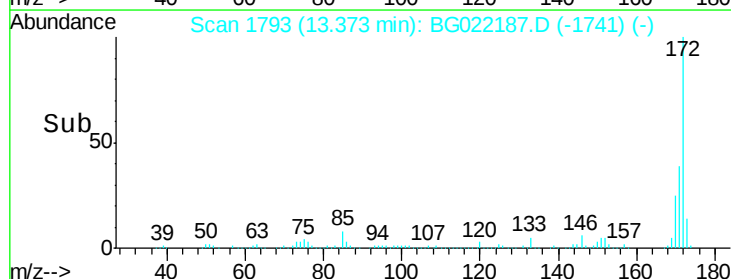
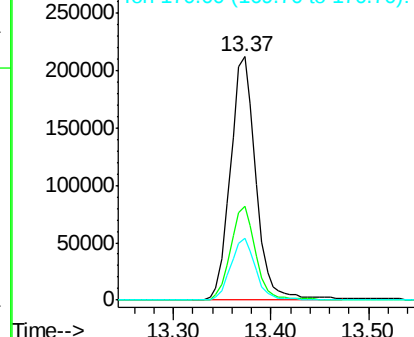


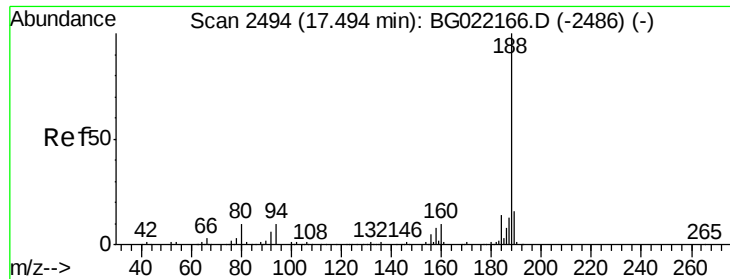
#44
 2-Fluorobiphenyl
 Concen: 80.04 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG022187.D
 Acq: 7 Jun 2016 3:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	27.8	41.6
170	25.5	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

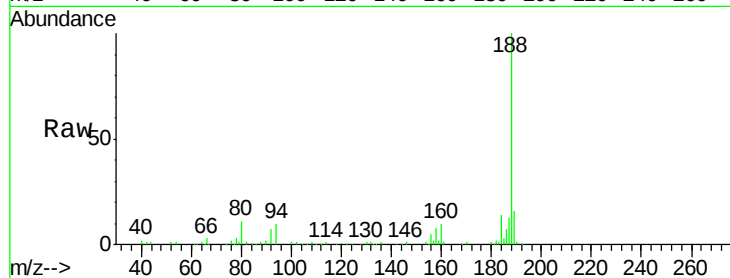




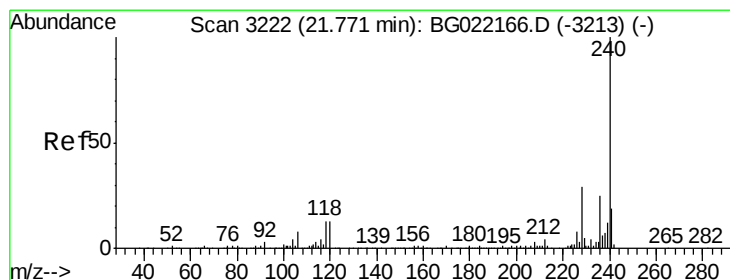
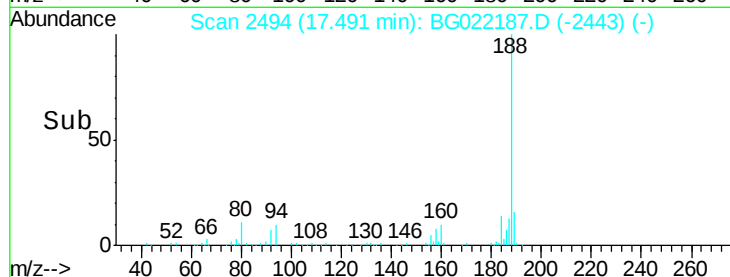
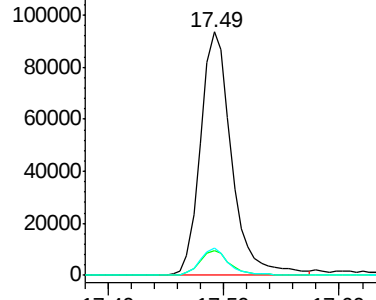
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022187.D
Acq: 7 Jun 2016 3:12

Instrument :
BNA_G
ClientSampleId :
PB91120BL

Tgt Ion:188 Resp: 174834
Ion Ratio Lower Upper
188 100
94 10.3 7.5 11.3
80 11.0 8.6 13.0

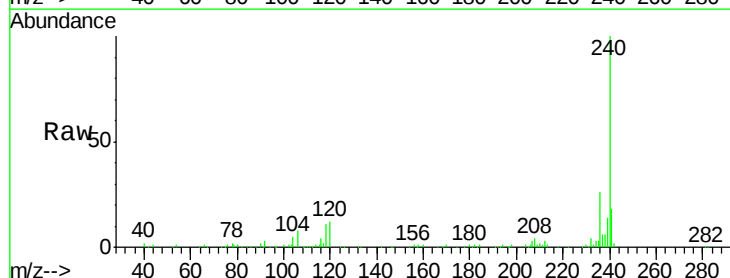


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

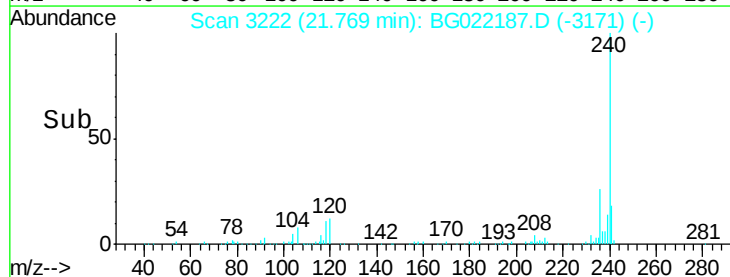
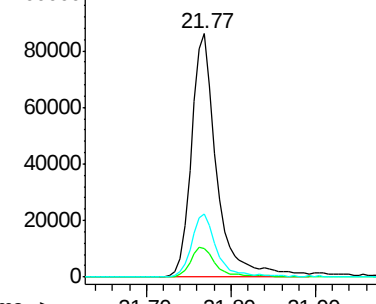


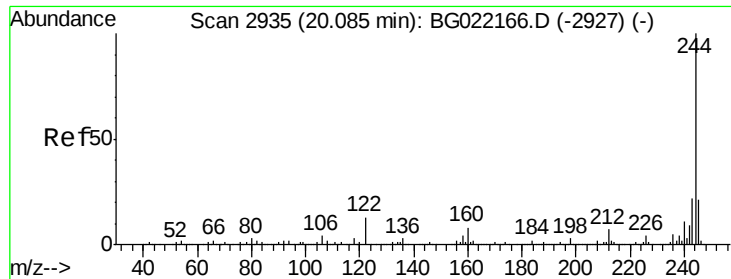
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BG022187.D
Acq: 7 Jun 2016 3:12

Tgt Ion:240 Resp: 179337
Ion Ratio Lower Upper
240 100
120 11.6 8.4 12.6
236 25.9 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

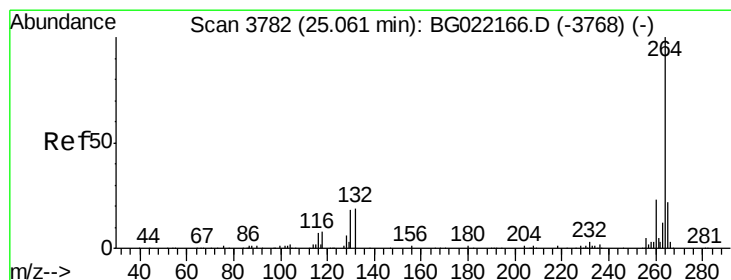
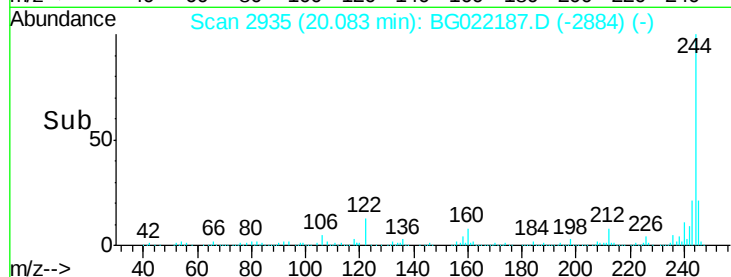
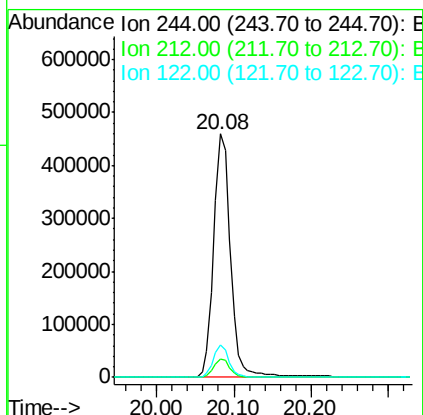
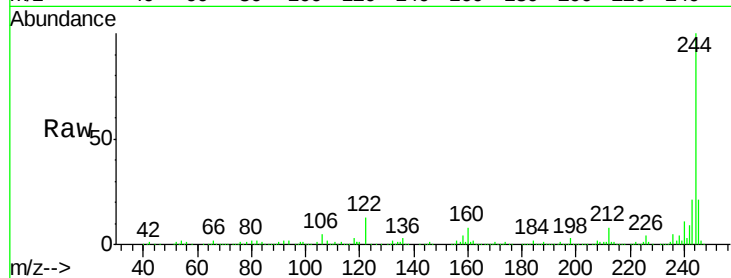




#78
 Terphenyl-d14
 Concen: 91.82 ng
 RT: 20.08 min Scan# 2935
 Delta R.T. -0.00 min
 Lab File: BG022187.D
 Acq: 7 Jun 2016 3:12

Instrument :
 BNA_G
 ClientSampleId :
 PB91120BL

Tgt Ion:244 Resp: 693612
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 13.3 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3783
 Delta R.T. 0.00 min
 Lab File: BG022187.D
 Acq: 7 Jun 2016 3:12

Tgt Ion:264 Resp: 175317
 Ion Ratio Lower Upper
 264 100
 260 22.7 20.2 30.4
 265 20.5 17.8 26.8

