

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
 Data File : BG022462.D
 Acq On : 21 Jun 2016 5:01
 Operator : UM/SJ
 Sample : H3679-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-41

Quant Time: Jun 21 06:53:50 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 21 03:17:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	23192	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	119271	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	74559	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	157891	20.00	ng	0.00
75) Chrysene-d12	21.64	240	122228	20.00	ng	0.00
86) Perylene-d12	24.84	264	108871	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	78660	65.58	ng	0.00
7) Phenol-d6	7.18	99	73297	38.86	ng	0.00
23) Nitrobenzene-d5	9.16	82	160116	93.59	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	73133	86.81	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	429545	87.80	ng	0.00
78) Terphenyl-d14	19.98	244	478947	93.03	ng	0.00

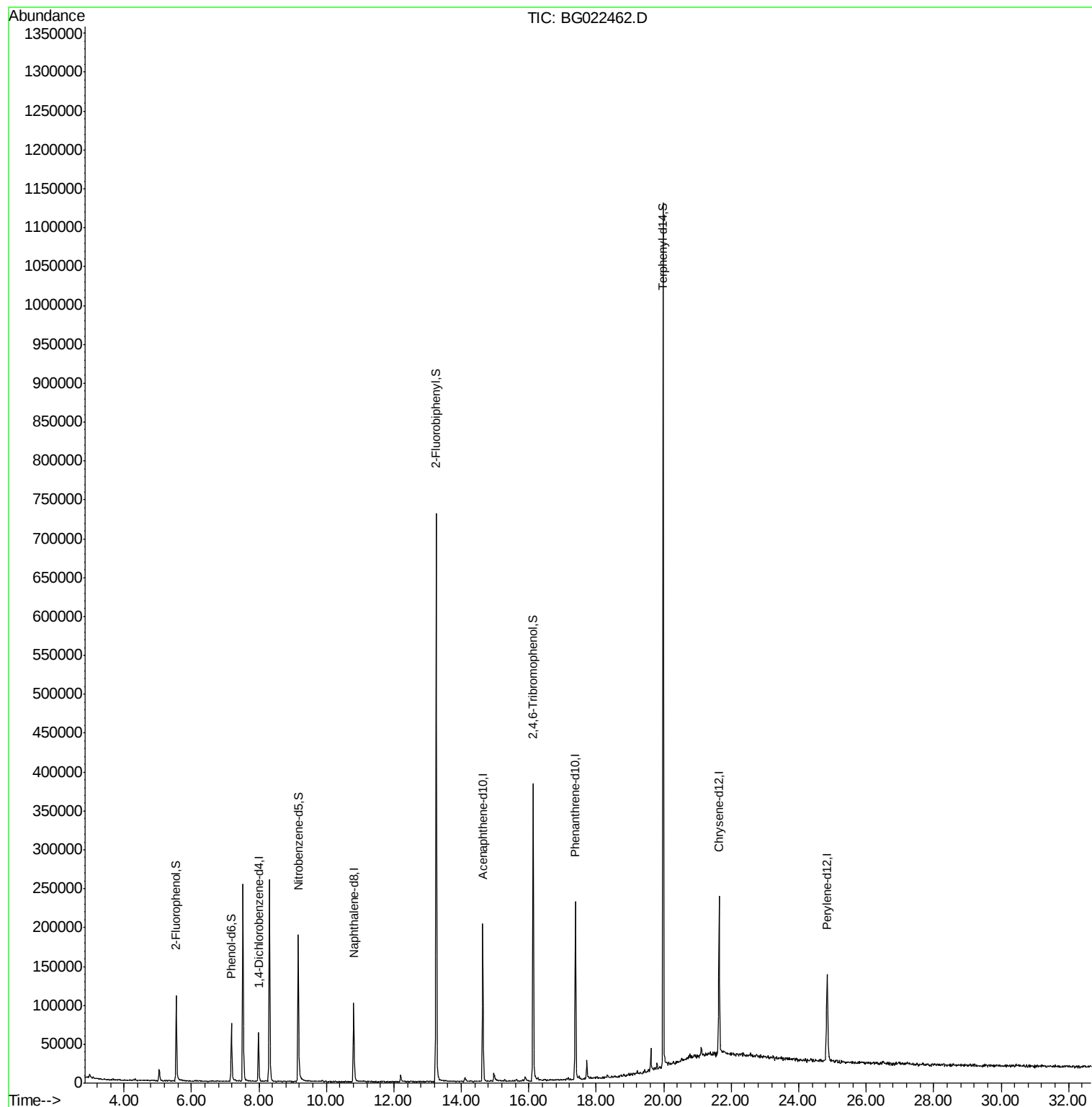
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.99 min Scan# 876

Delta R.T. 0.00 min

Lab File: BG022462.D

Acq: 21 Jun 2016 5:01

Instrument :

BNA_G

ClientSampleId :

W-41

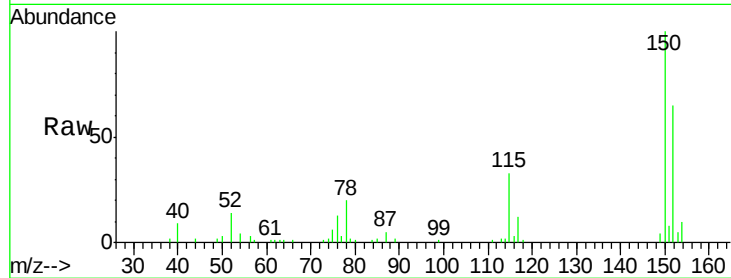
Tot Ion:152 Resp: 23192

Ion Ratio Lower Upper

152 100

150 154.3 130.1 195.1

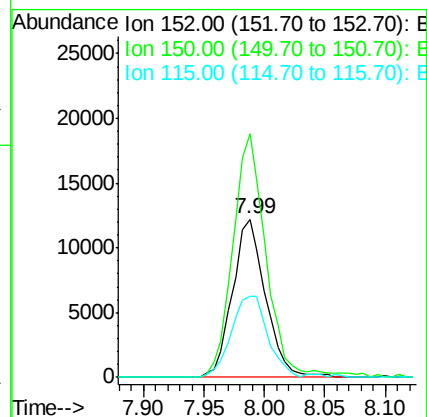
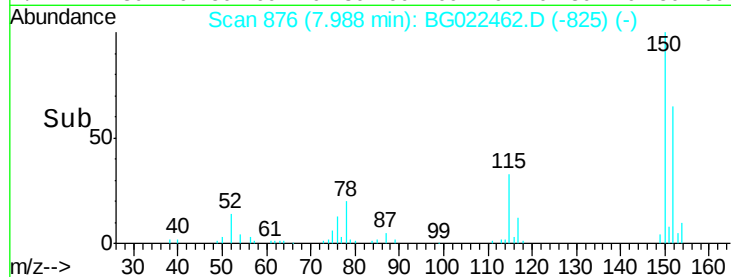
115 51.4 62.2 93.2#



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: 65.58 ng

RT: 5.54 min Scan# 460

Delta R.T. 0.00 min

Lab File: BG022462.D

Acq: 21 Jun 2016 5:01

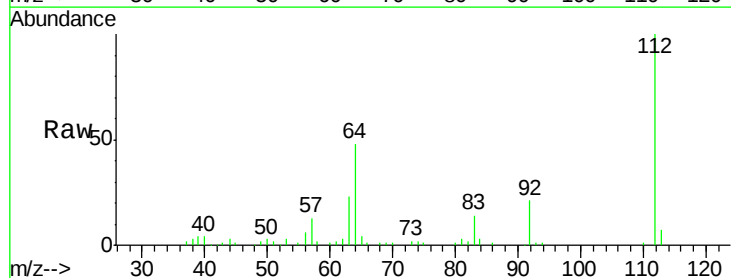
Tgt Ion:112 Resp: 78660

Ion Ratio Lower Upper

112 100

64 48.0 51.1 76.7#

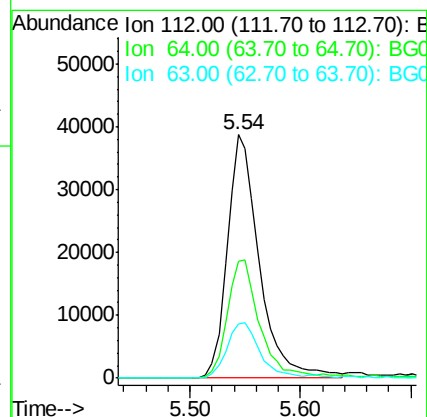
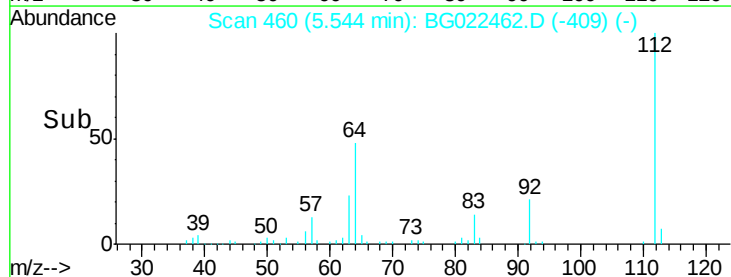
63 22.5 24.6 37.0#



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: 38.86 ng

RT: 7.18 min Scan# 739

Delta R.T. 0.01 min

Lab File: BG022462.D

Acq: 21 Jun 2016 5:01

Instrument :

BNA_G

ClientSampleId :

W-41

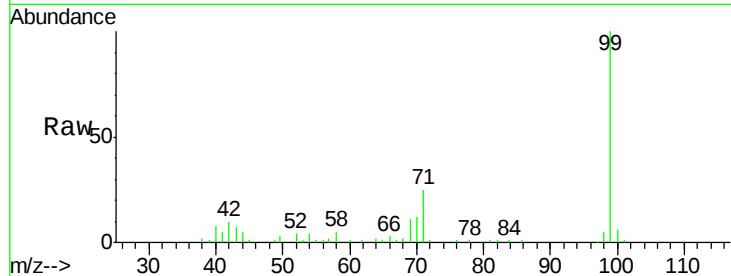
Tot Ion: 99 Resp: 73297

Ion Ratio Lower Upper

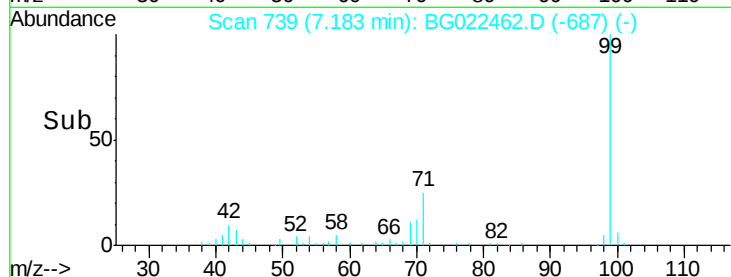
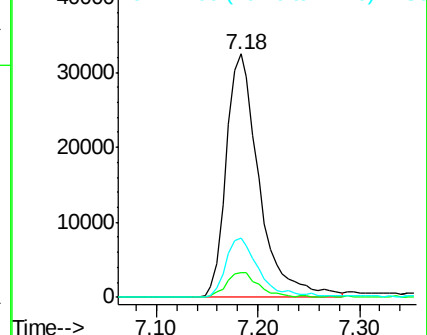
99 100

42 10.1 16.4 24.6#

71 24.6 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: 10.81 min Scan# 1356

Delta R.T. 0.00 min

Lab File: BG022462.D

Acq: 21 Jun 2016 5:01

Tgt Ion: 136 Resp: 119271

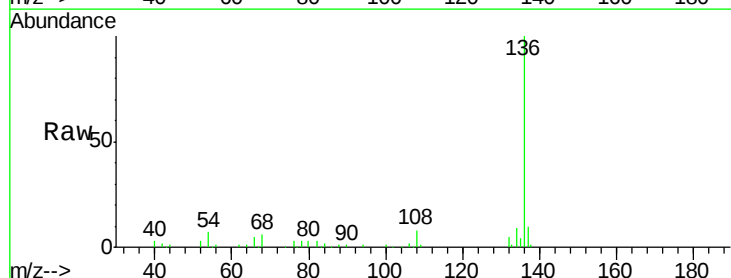
Ion Ratio Lower Upper

136 100

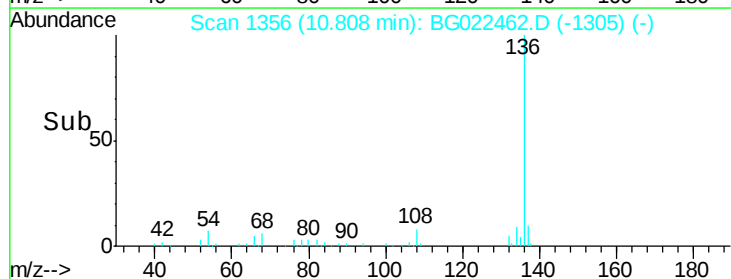
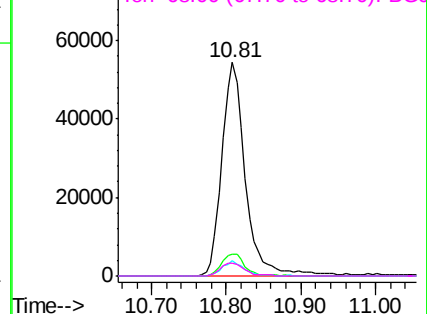
137 10.3 9.0 13.4

54 7.2 9.6 14.4#

68 6.0 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

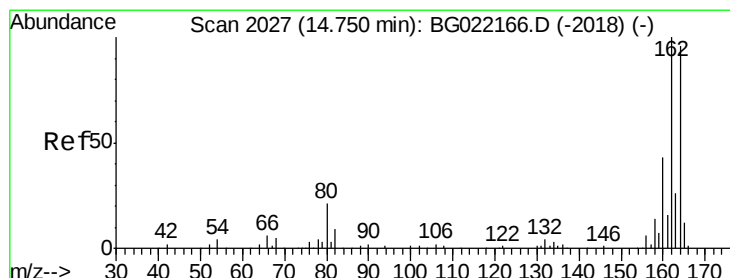
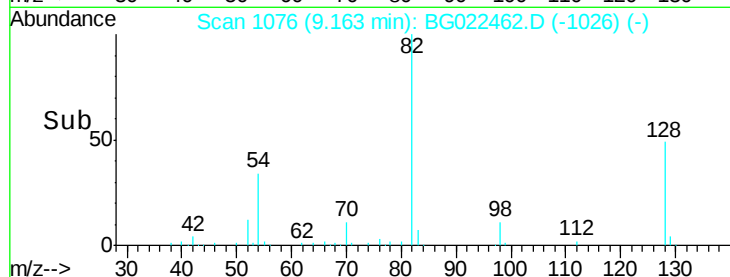
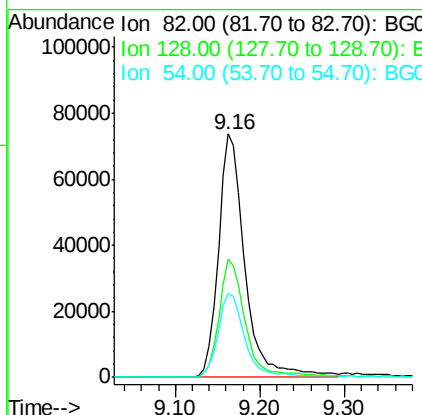
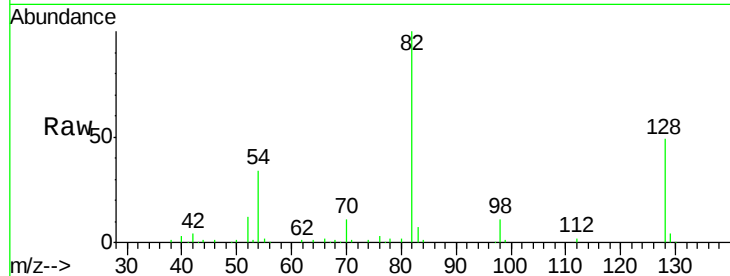




#23
 Nitrobenzene-d5
 Concen: 93.59 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.01 min
 Lab File: BG022462.D
 Acq: 21 Jun 2016 5:01

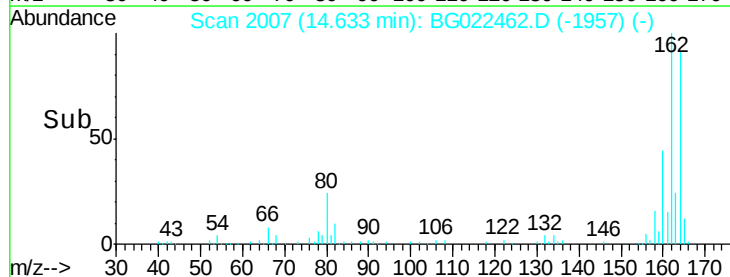
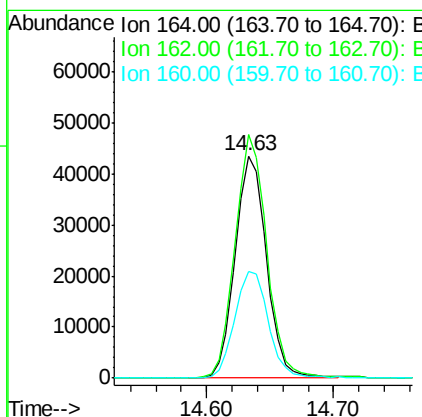
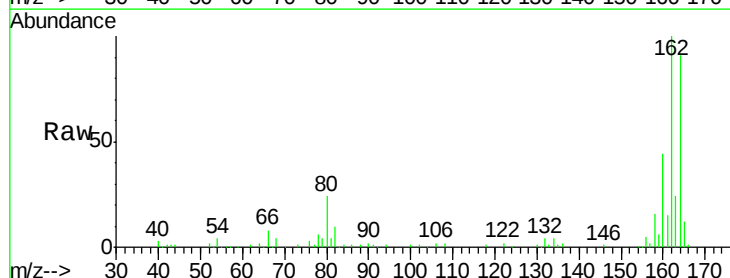
Instrument :
 BNA_G
 ClientSampled :
 W-41

Tot Ion: 82 Resp: 160116
 Ion Ratio Lower Upper
 82 100
 128 48.6 33.4 50.0
 54 34.3 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BG022462.D
 Acq: 21 Jun 2016 5:01

Tgt Ion: 164 Resp: 74559
 Ion Ratio Lower Upper
 164 100
 162 109.6 78.0 117.0
 160 47.9 32.9 49.3

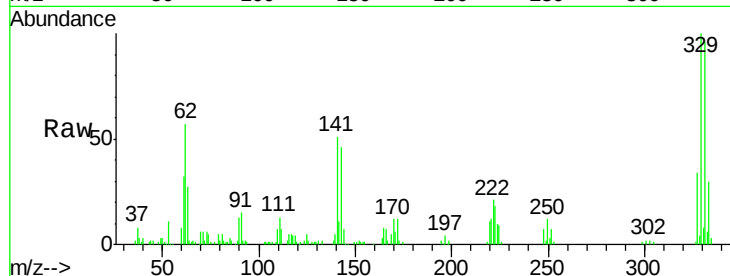




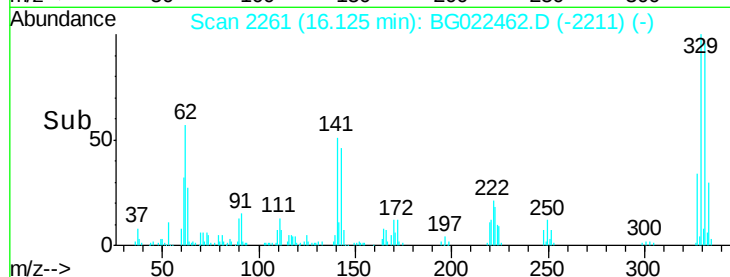
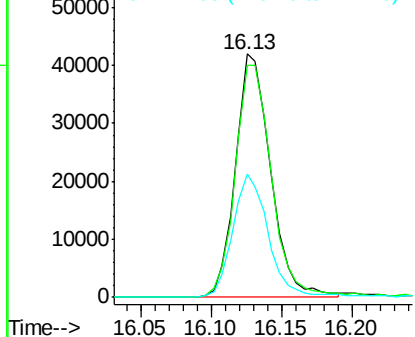
#41
 2,4,6-Tribromophenol
 Concen: 86.81 ng
 RT: 16.13 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BG022462.D
 Acq: 21 Jun 2016 5:01

Instrument :
 BNA_G
 ClientSampled :
 W-41

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.7	78.0	117.0
141	51.0	33.8	50.8#

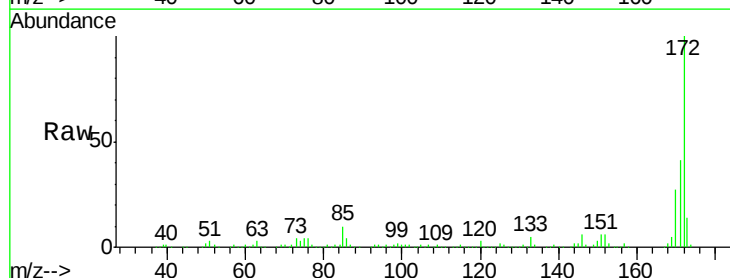


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

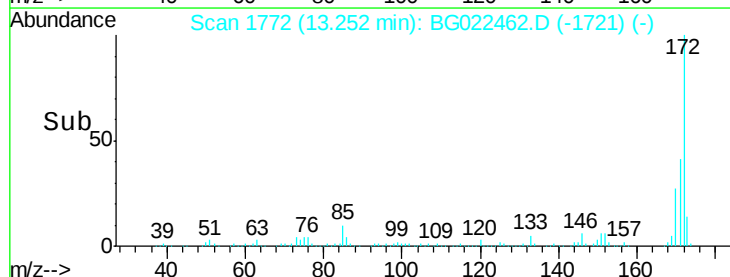
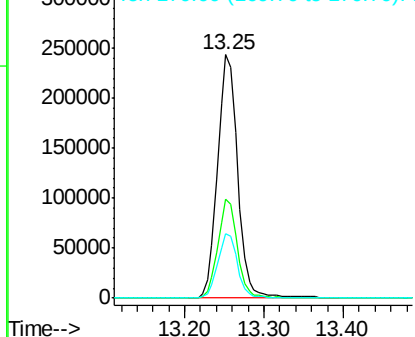


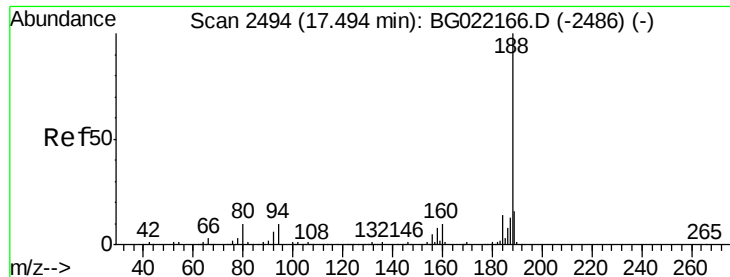
#44
 2-Fluorobiphenyl
 Concen: 87.80 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG022462.D
 Acq: 21 Jun 2016 5:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.5	27.8	41.6
170	26.7	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

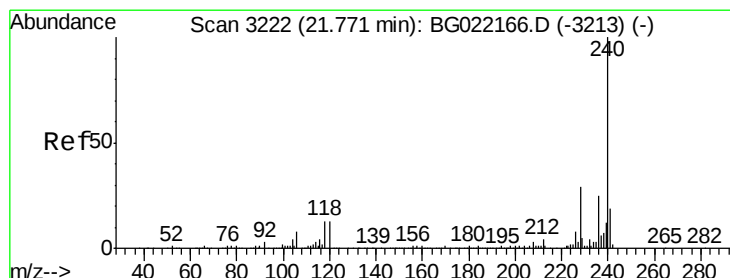
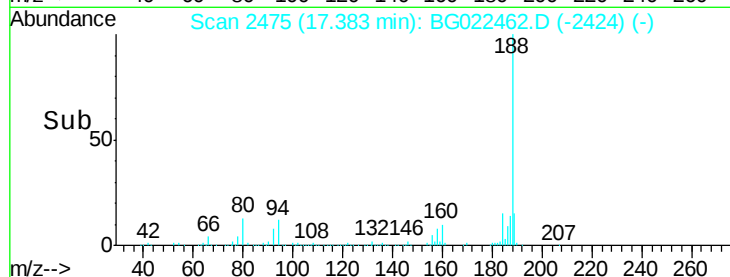
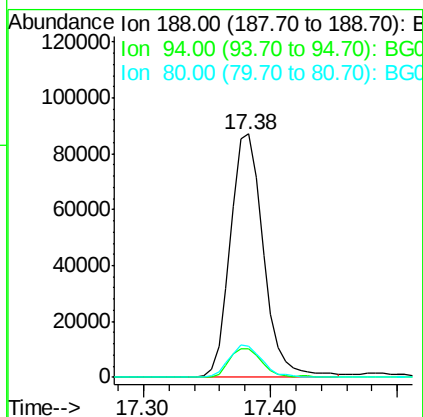
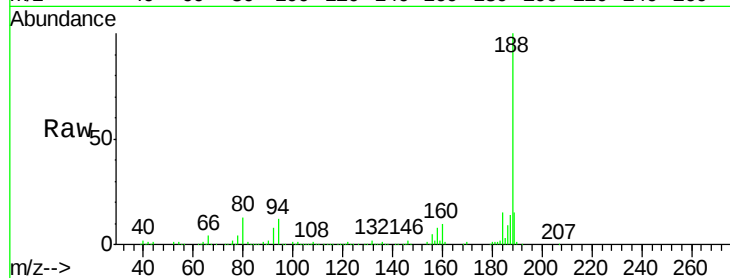




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BG022462.D
Acq: 21 Jun 2016 5:01

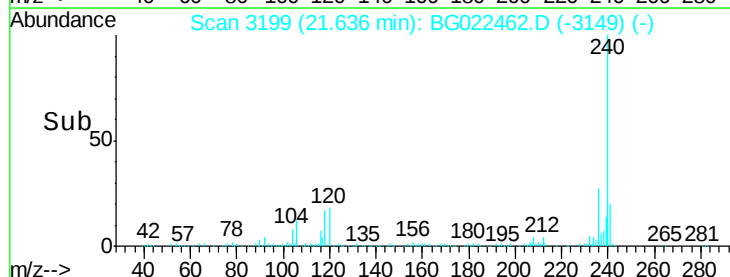
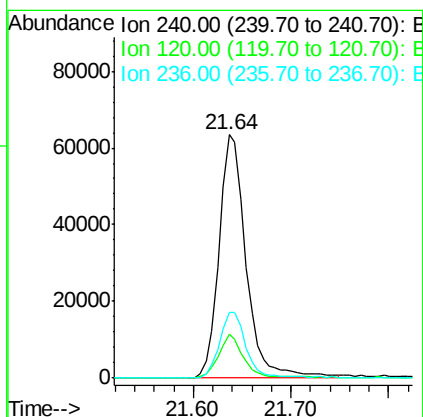
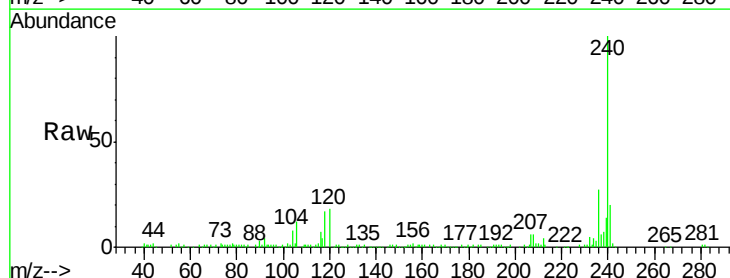
Instrument :
BNA_G
ClientSampled :
W-41

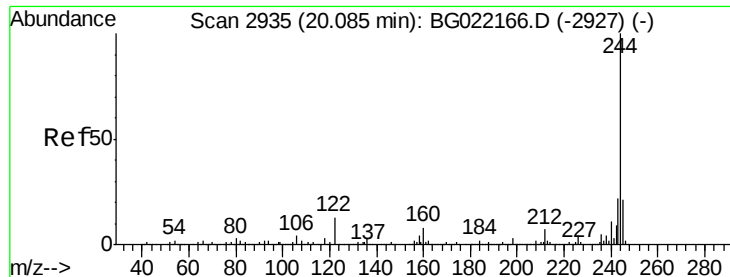
Tot Ion:188 Resp: 157891
Ion Ratio Lower Upper
188 100
94 11.6 7.5 11.3#
80 12.6 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3199
Delta R.T. -0.01 min
Lab File: BG022462.D
Acq: 21 Jun 2016 5:01

Tgt Ion:240 Resp: 122228
Ion Ratio Lower Upper
240 100
120 17.9 8.4 12.6#
236 27.0 19.6 29.4





#78

Terphenyl-d14

Concen: 93.03 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BG022462.D

Acq: 21 Jun 2016 5:01

Instrument :

BNA_G

ClientSampleId :

W-41

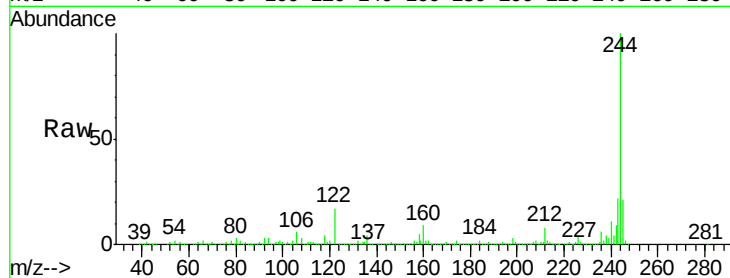
Tot Ion:244 Resp: 478947

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

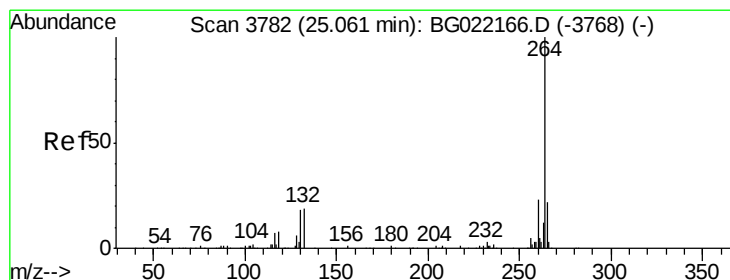
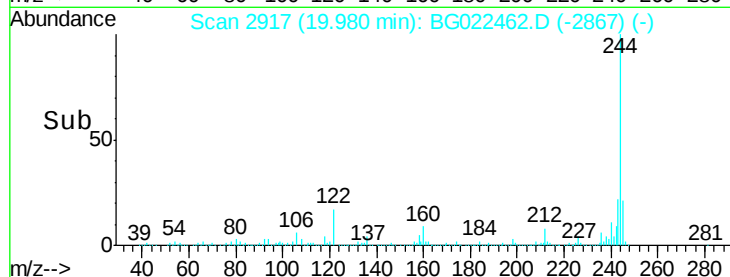
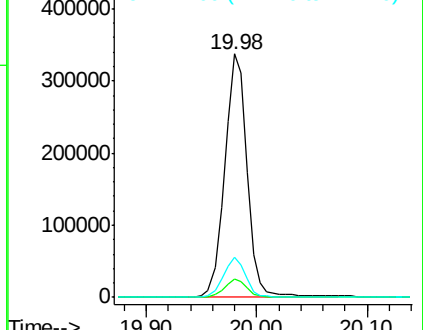
122 16.7 8.6 12.8#



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: 24.84 min Scan# 3744

Delta R.T. -0.01 min

Lab File: BG022462.D

Acq: 21 Jun 2016 5:01

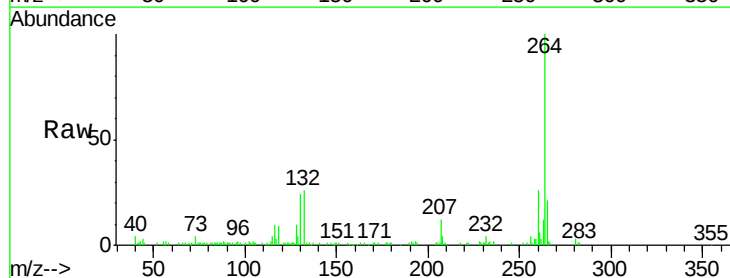
Tgt Ion:264 Resp: 108871

Ion Ratio Lower Upper

264 100

260 25.9 20.2 30.4

265 21.3 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

