

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
 Data File : BG022461.D
 Acq On : 21 Jun 2016 4:21
 Operator : UM/SJ
 Sample : H3679-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-32

Quant Time: Jun 21 06:53:39 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	21374	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	109054	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	68990	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	150300	20.00	ng	0.00
75) Chrysene-d12	21.64	240	121537	20.00	ng	0.00
86) Perylene-d12	24.84	264	104452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	88135	79.73	ng	0.00
7) Phenol-d6	7.18	99	85139	48.98	ng	0.00
23) Nitrobenzene-d5	9.17	82	146085	93.39	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	85750	110.00	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	392837	86.78	ng	0.00
78) Terphenyl-d14	19.98	244	492411	96.19	ng	0.00

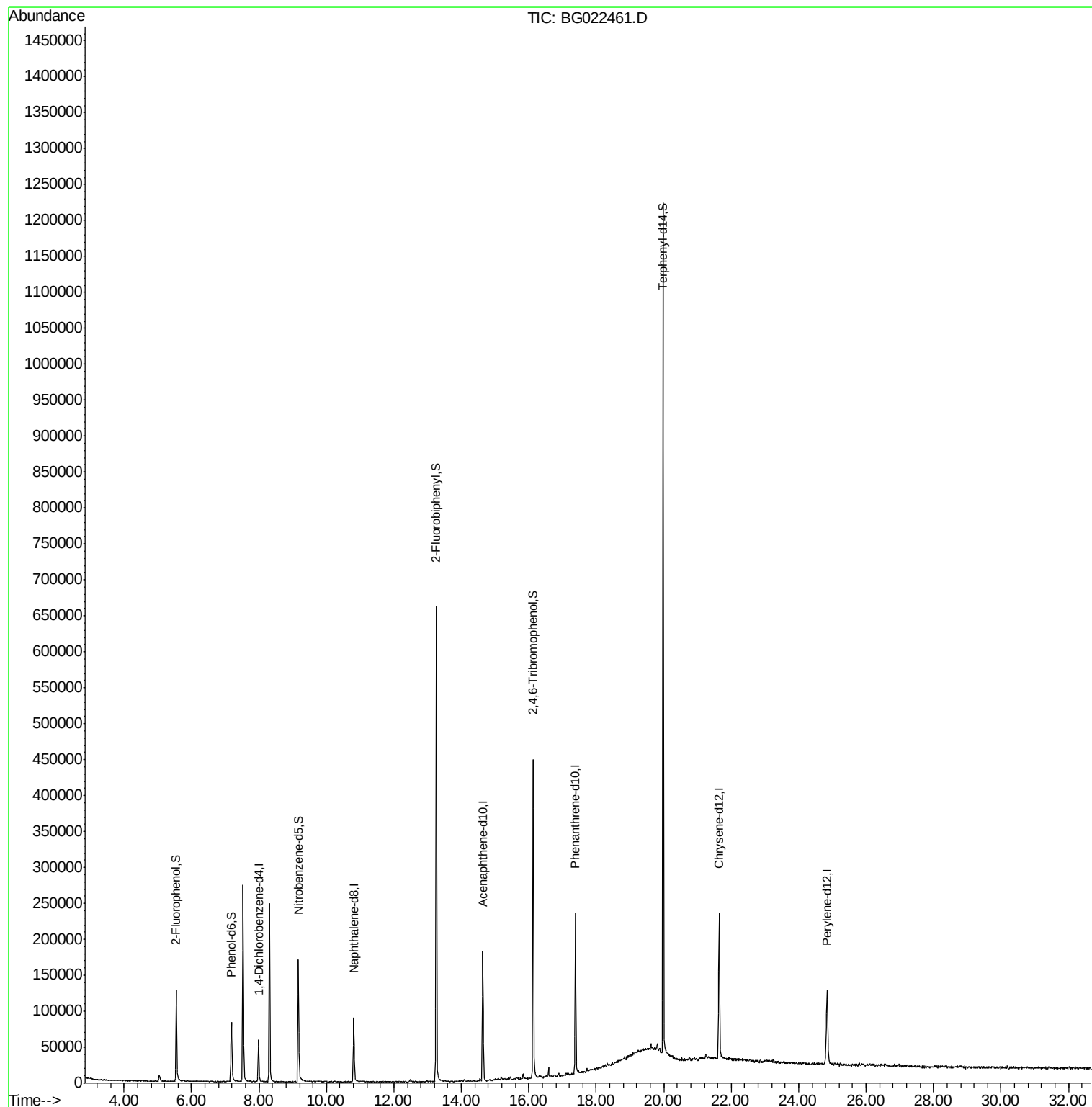
Target Compounds	Qvalue
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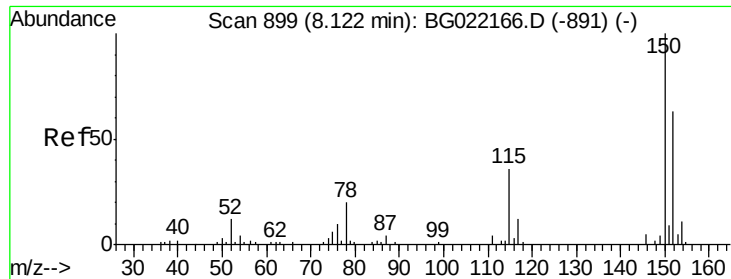
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.99 min Scan# 876

Delta R.T. -0.00 min

Lab File: BG022461.D

Acq: 21 Jun 2016 4:21

Instrument :

BNA_G

ClientSampleId :

W-32

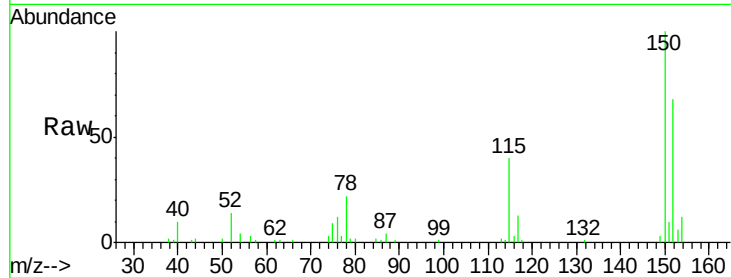
Tgt Ion:152 Resp: 21374

Ion Ratio Lower Upper

152 100

150 147.9 130.1 195.1

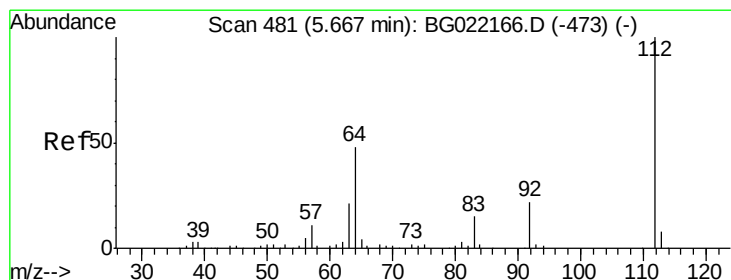
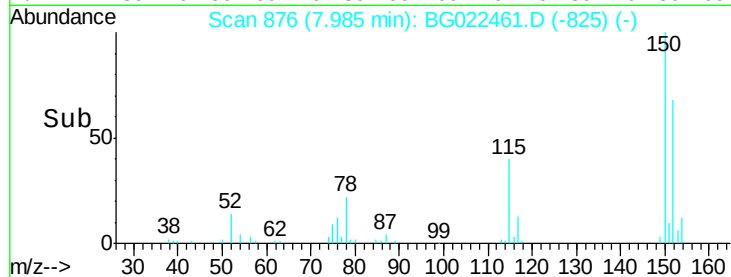
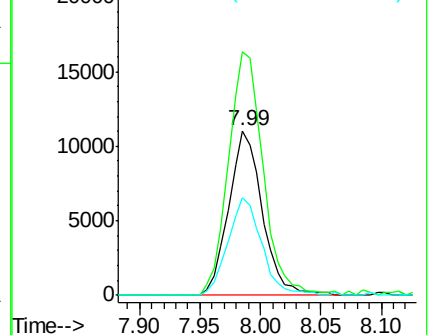
115 59.2 62.2 93.2#



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: 79.73 ng

RT: 5.55 min Scan# 461

Delta R.T. 0.00 min

Lab File: BG022461.D

Acq: 21 Jun 2016 4:21

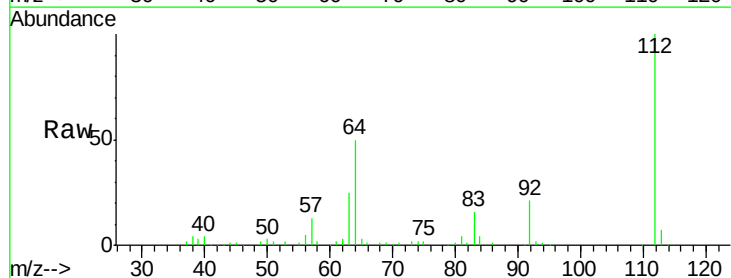
Tgt Ion:112 Resp: 88135

Ion Ratio Lower Upper

112 100

64 50.2 51.1 76.7#

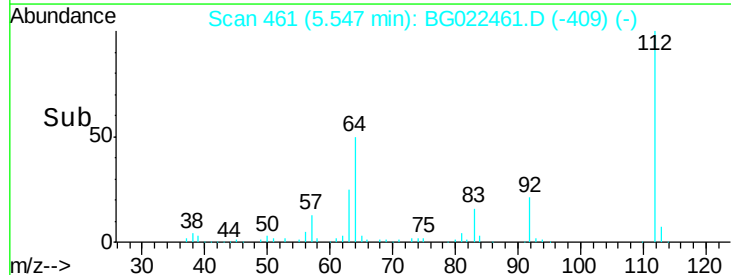
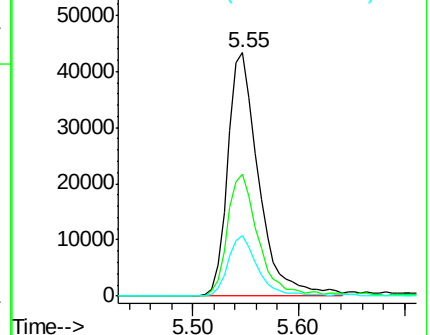
63 24.8 24.6 37.0

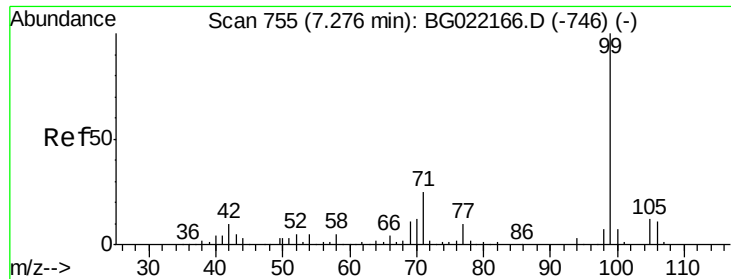


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 48.98 ng

RT: 7.18 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG022461.D

Acq: 21 Jun 2016 4:21

Instrument :

BNA_G

ClientSampleId :

W-32

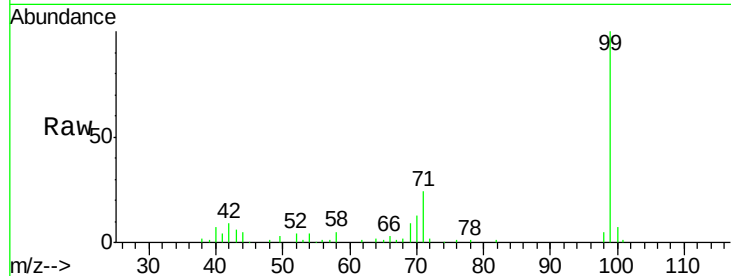
Tgt Ion: 99 Resp: 85139

Ion Ratio Lower Upper

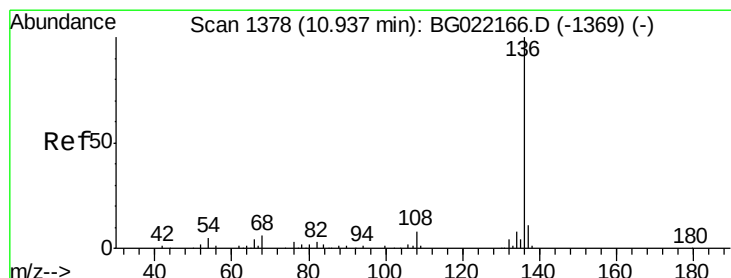
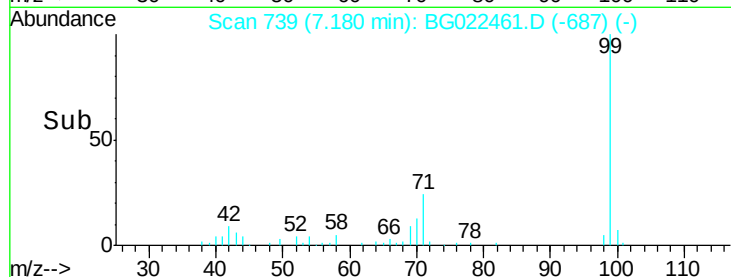
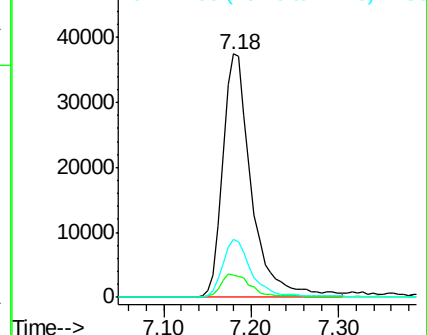
99 100

42 9.3 16.4 24.6#

71 24.0 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BG022461.D

Acq: 21 Jun 2016 4:21

Tgt Ion: 136 Resp: 109054

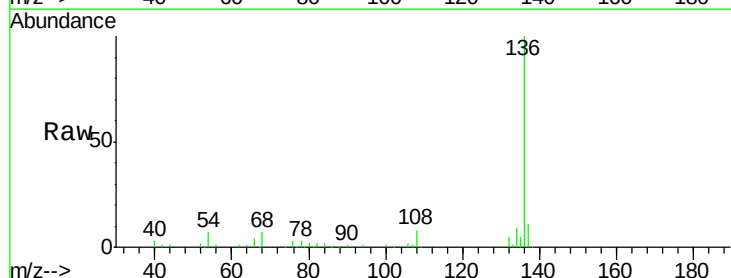
Ion Ratio Lower Upper

136 100

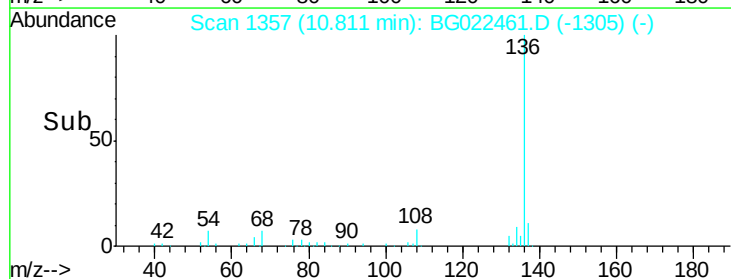
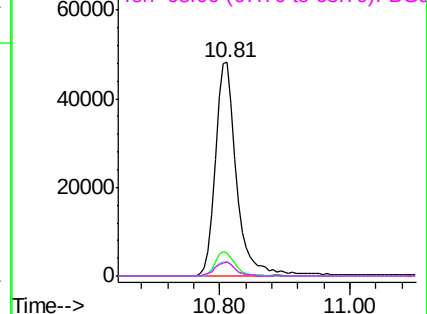
137 10.8 9.0 13.4

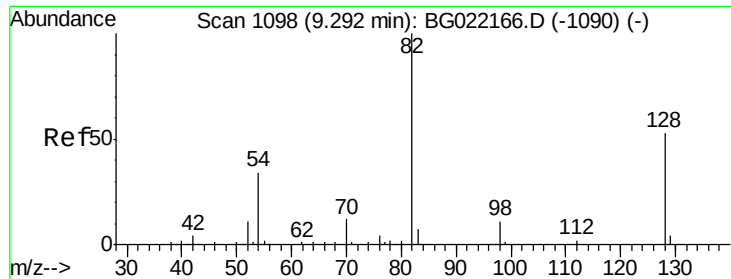
54 6.7 9.6 14.4#

68 6.7 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

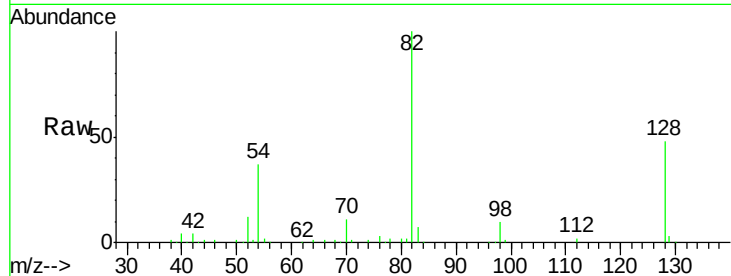




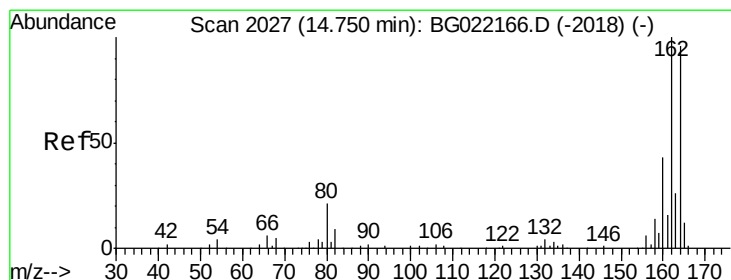
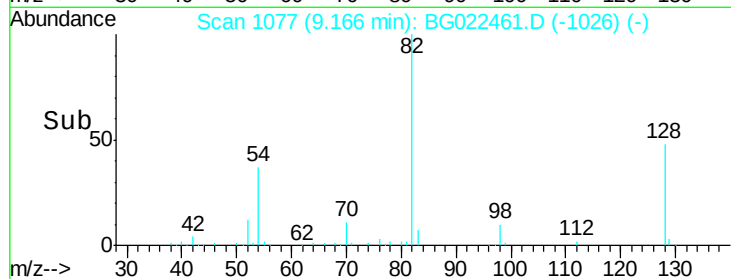
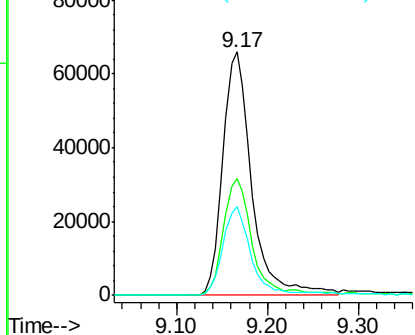
#23
 Nitrobenzene-d5
 Concen: 93.39 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BG022461.D
 Acq: 21 Jun 2016 4:21

Instrument :
 BNA_G
 ClientSampled :
 W-32

Tgt Ion: 82 Resp: 146085
 Ion Ratio Lower Upper
 82 100
 128 48.1 33.4 50.0
 54 36.5 46.1 69.1#

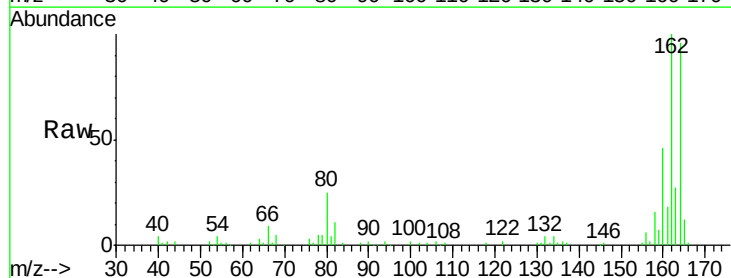


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

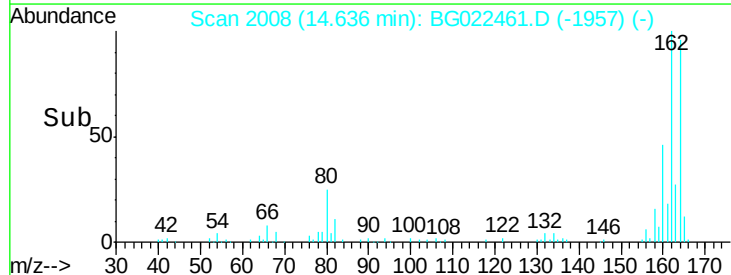
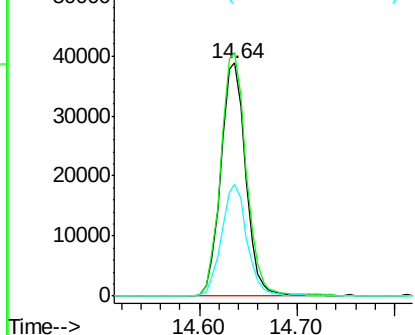


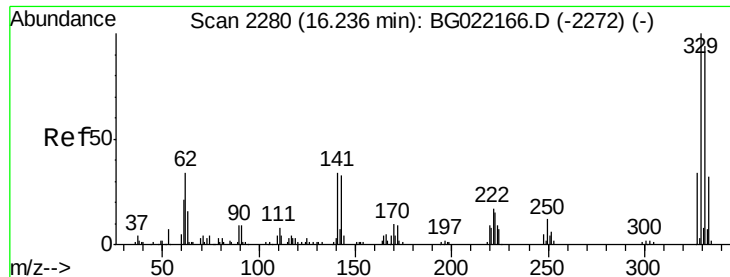
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG022461.D
 Acq: 21 Jun 2016 4:21

Tgt Ion: 164 Resp: 68990
 Ion Ratio Lower Upper
 164 100
 162 104.5 78.0 117.0
 160 48.2 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

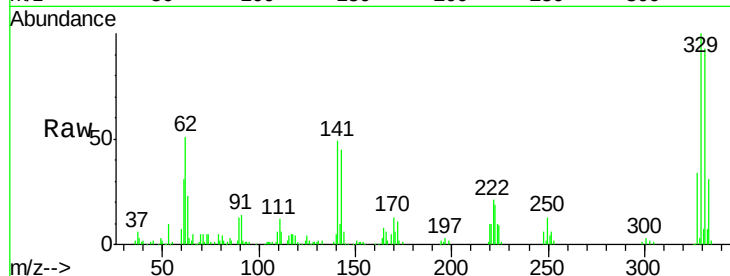




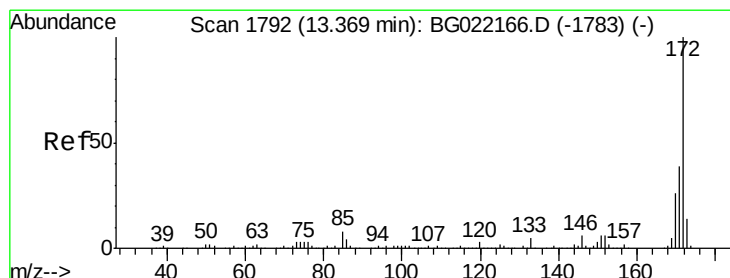
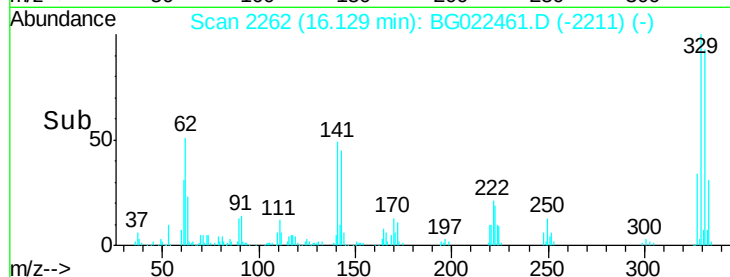
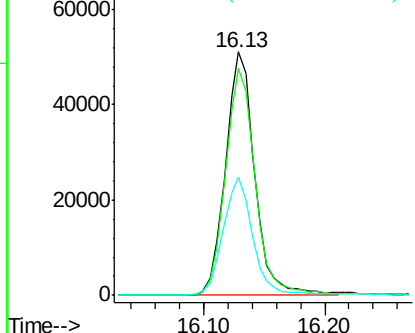
#41
 2,4,6-Tribromophenol
 Concen: 110.00 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG022461.D
 Acq: 21 Jun 2016 4:21

Instrument :
 BNA_G
 ClientSampleId :
 W-32

Tgt Ion:330 Resp: 85750
 Ion Ratio Lower Upper
 330 100
 332 94.7 78.0 117.0
 141 49.4 33.8 50.8

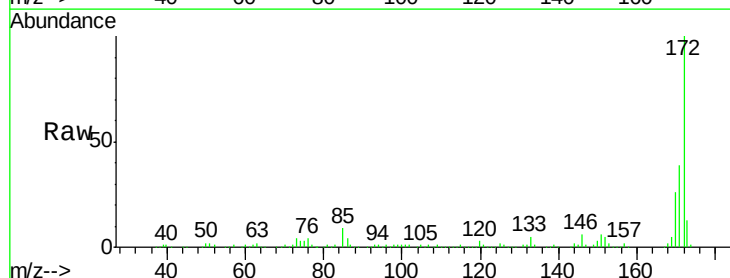


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

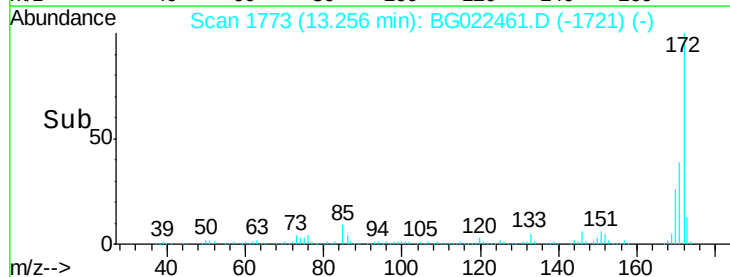
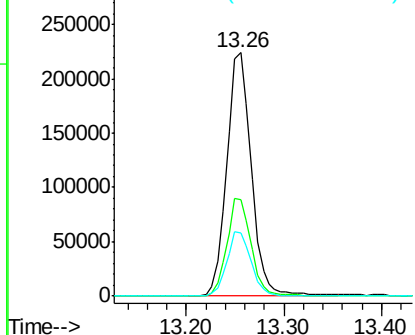


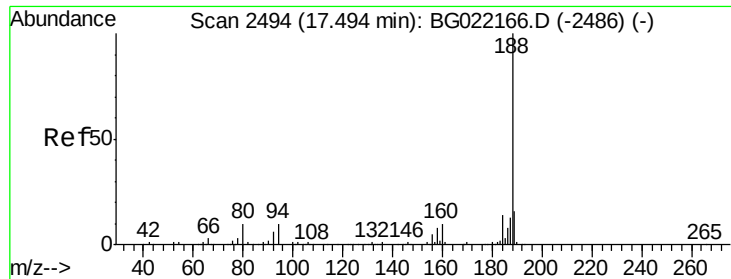
#44
 2-Fluorobiphenyl
 Concen: 86.78 ng
 RT: 13.26 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG022461.D
 Acq: 21 Jun 2016 4:21

Tgt Ion:172 Resp: 392837
 Ion Ratio Lower Upper
 172 100
 171 39.4 27.8 41.6
 170 25.7 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

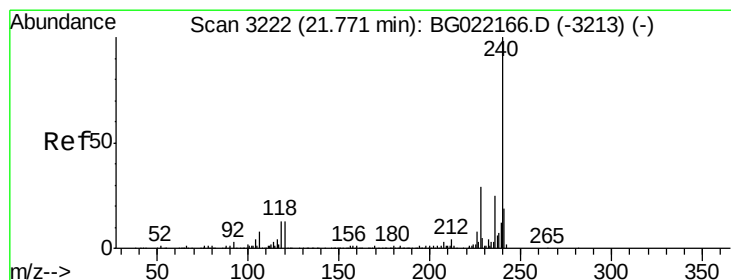
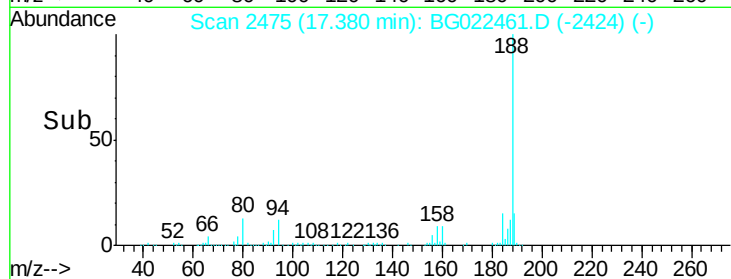
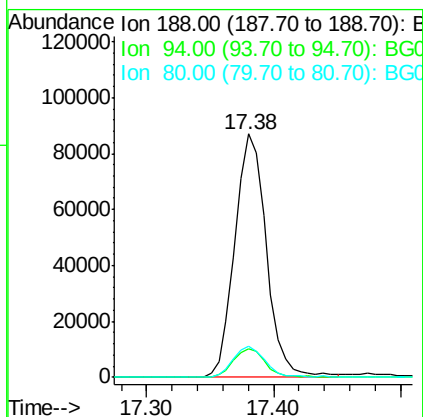
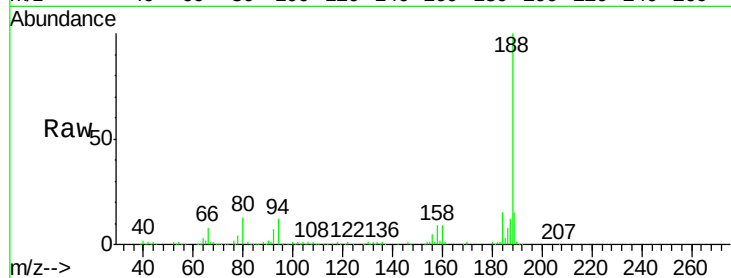




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022461.D
Acq: 21 Jun 2016 4:21

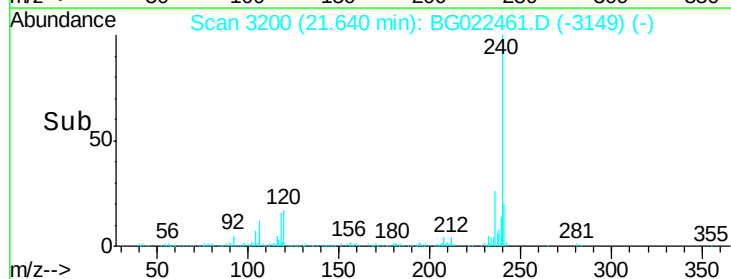
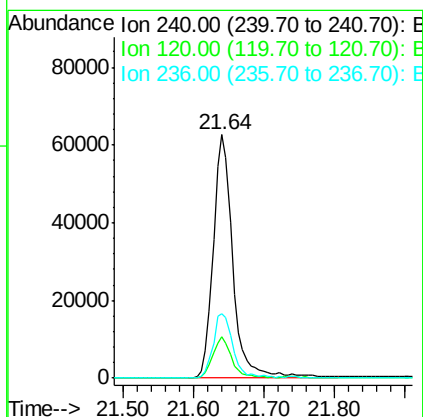
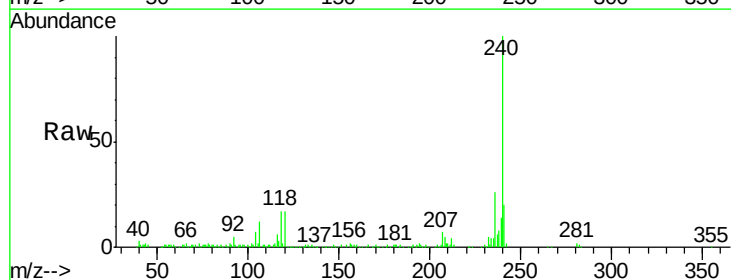
Instrument :
BNA_G
ClientSampleId :
W-32

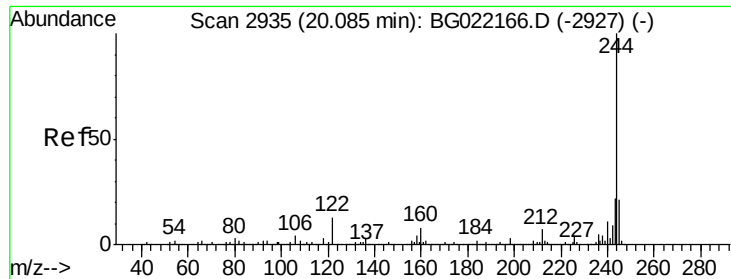
Tgt Ion:188 Resp: 150300
Ion Ratio Lower Upper
188 100
94 11.9 7.5 11.3#
80 12.6 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. -0.00 min
Lab File: BG022461.D
Acq: 21 Jun 2016 4:21

Tgt Ion:240 Resp: 121537
Ion Ratio Lower Upper
240 100
120 16.9 8.4 12.6#
236 26.4 19.6 29.4

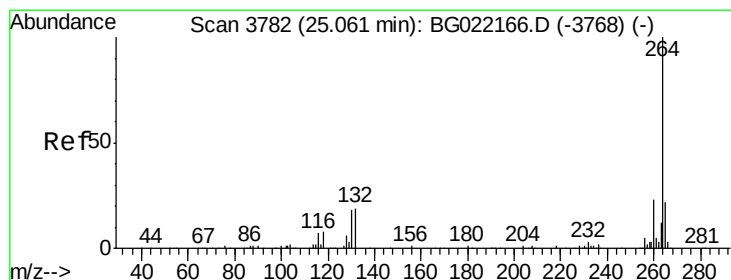
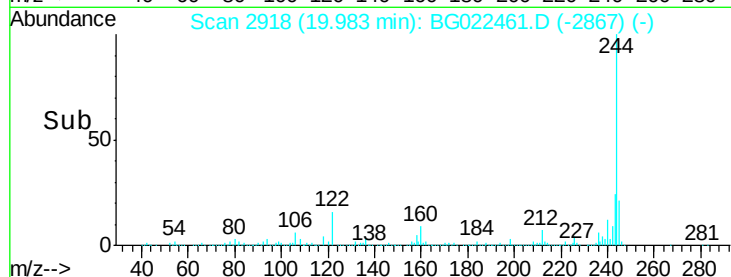
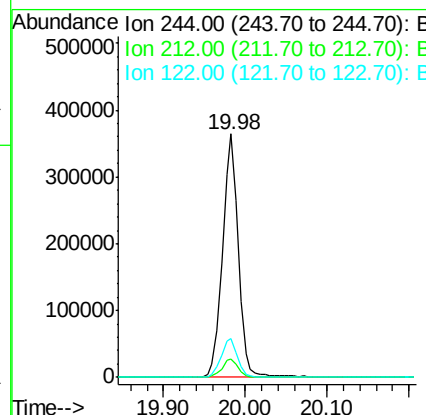
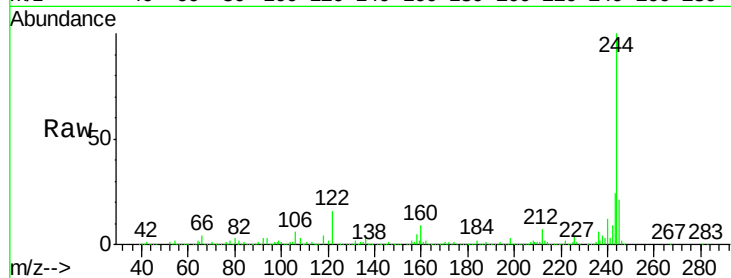




#78
 Terphenyl-d14
 Concen: 96.19 ng
 RT: 19.98 min Scan# 2918
 Delta R.T. -0.00 min
 Lab File: BG022461.D
 Acq: 21 Jun 2016 4:21

Instrument :
 BNA_G
 ClientSampleId :
 W-32

Tgt Ion:244 Resp: 492411
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 15.7 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.84 min Scan# 3744
 Delta R.T. -0.01 min
 Lab File: BG022461.D
 Acq: 21 Jun 2016 4:21

Tgt Ion:264 Resp: 104452
 Ion Ratio Lower Upper
 264 100
 260 22.9 20.2 30.4
 265 20.7 17.8 26.8

