

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
 Data File : BG022459.D
 Acq On : 21 Jun 2016 3:01
 Operator : UM/SJ
 Sample : H3679-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-35

Quant Time: Jun 21 03:40:57 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	7.98	152	21264	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	105570	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	67279	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	142156	20.00	ng	0.00
75) Chrysene-d12	21.64	240	115260	20.00	ng	0.00
86) Perylene-d12	24.85	264	99261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	80900	73.56	ng	0.00
7) Phenol-d6	7.18	99	73605	42.57	ng	0.00
23) Nitrobenzene-d5	9.17	82	142431	94.06	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	83006	109.19	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	387203	87.71	ng	0.00
78) Terphenyl-d14	19.98	244	431893	88.96	ng	0.00

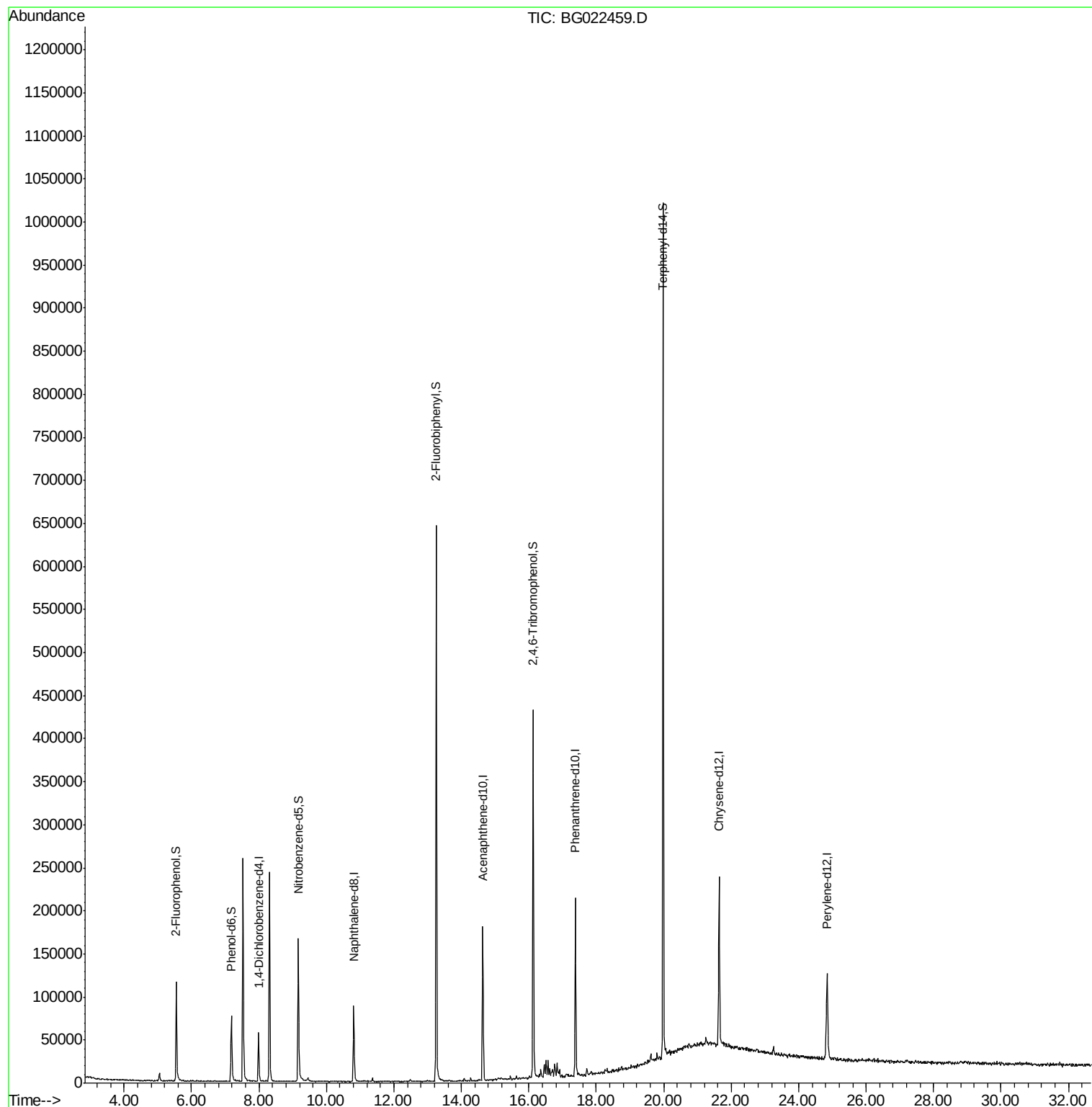
Target Compounds Qvalue

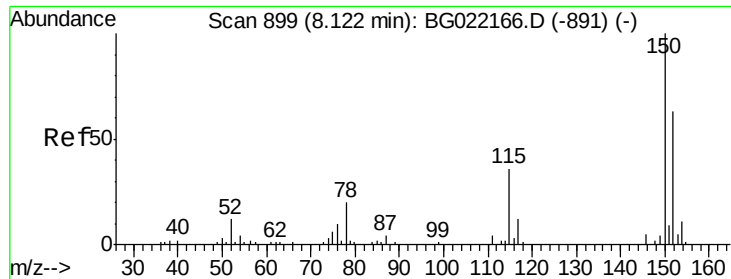
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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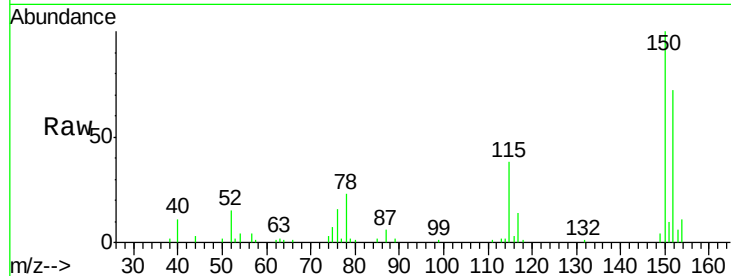


#1

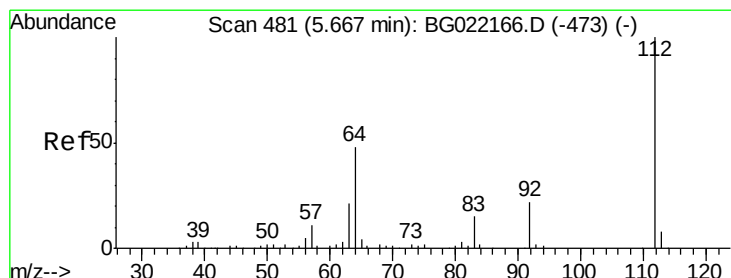
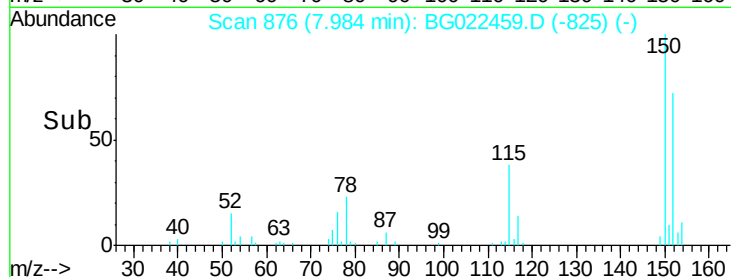
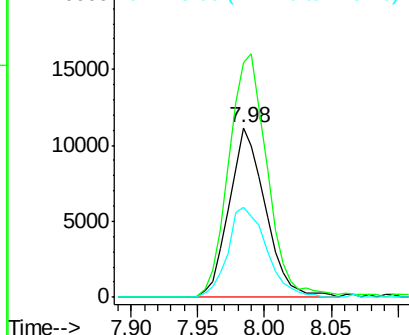
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG022459.D
Acq: 21 Jun 2016 3:01

Instrument :
BNA_G
ClientSampleId :
W-35

Tot Ion:152 Resp: 21264
Ion Ratio Lower Upper
152 100
150 138.1 130.1 195.1
115 52.9 62.2 93.2#



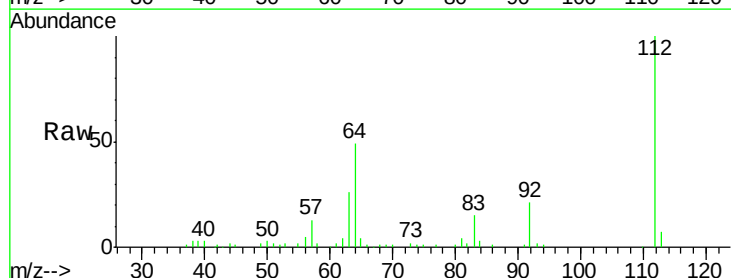
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



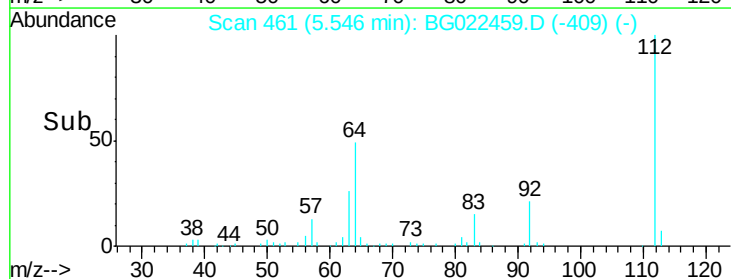
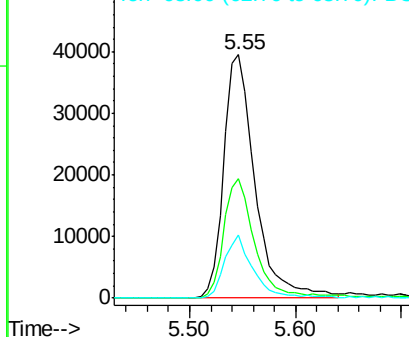
#5

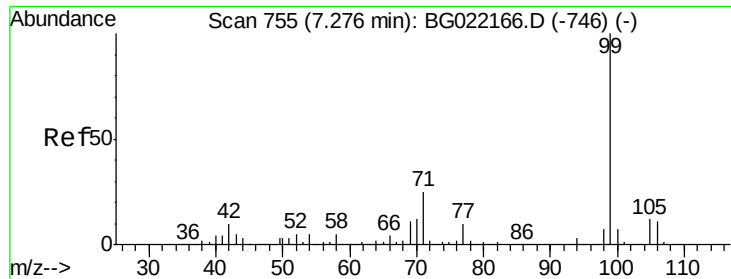
2-Fluorophenol
Concen: 73.56 ng
RT: 5.55 min Scan# 461
Delta R.T. 0.00 min
Lab File: BG022459.D
Acq: 21 Jun 2016 3:01

Tgt Ion:112 Resp: 80900
Ion Ratio Lower Upper
112 100
64 49.1 51.1 76.7#
63 25.8 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: 42.57 ng

RT: 7.18 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

Instrument :

BNA_G

ClientSampleId :

W-35

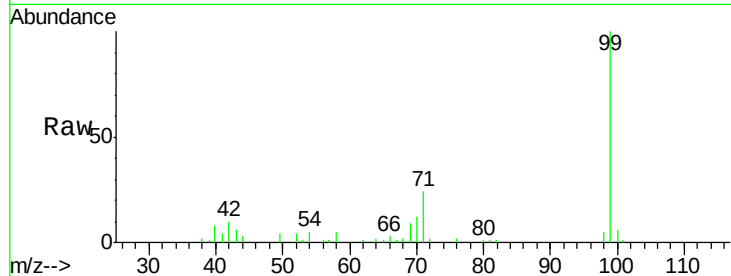
Tot Ion: 99 Resp: 73605

Ion Ratio Lower Upper

99 100

42 9.7 16.4 24.6#

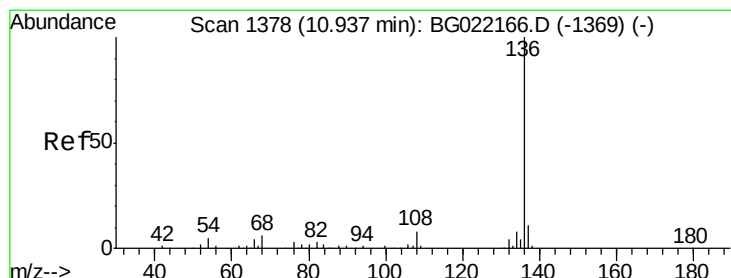
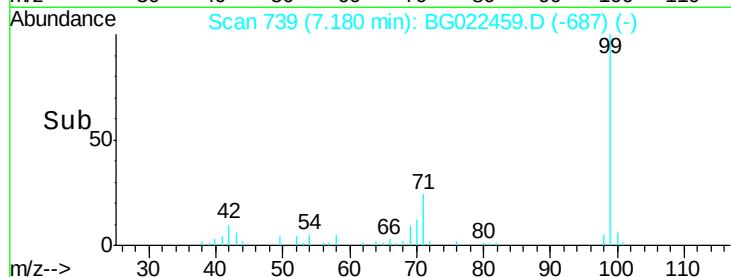
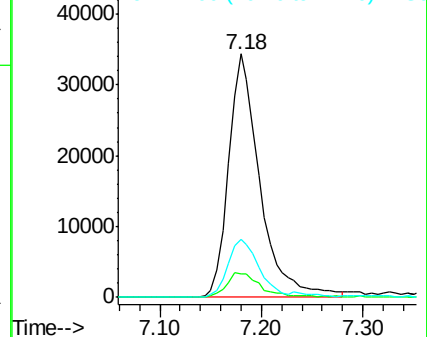
71 24.0 25.0 37.4#



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: 10.80 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

Tgt Ion: 136 Resp: 105570

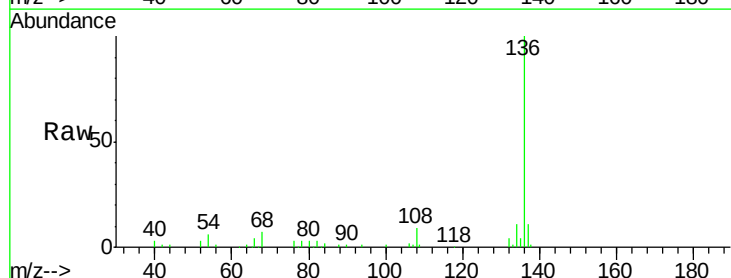
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 6.1 9.6 14.4#

68 6.8 6.4 9.6

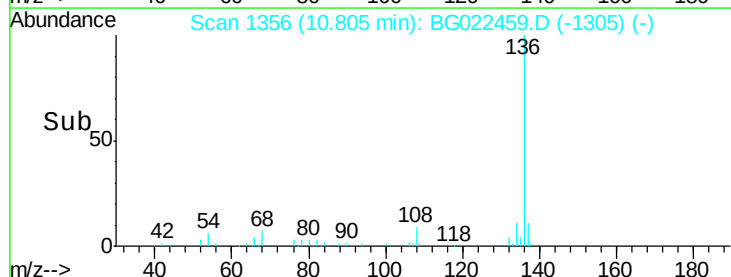
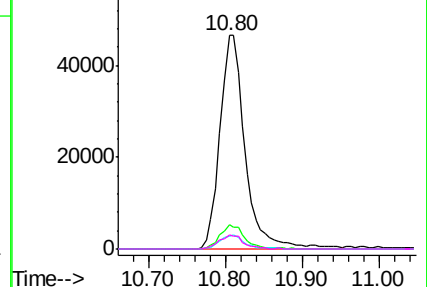


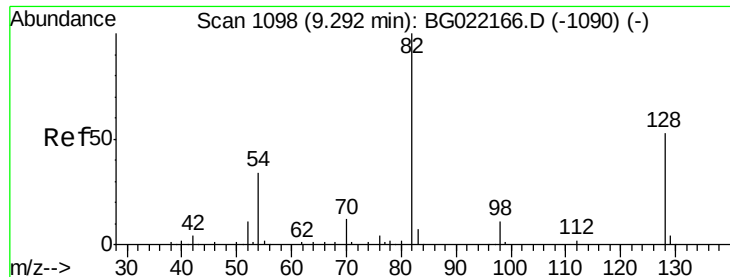
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

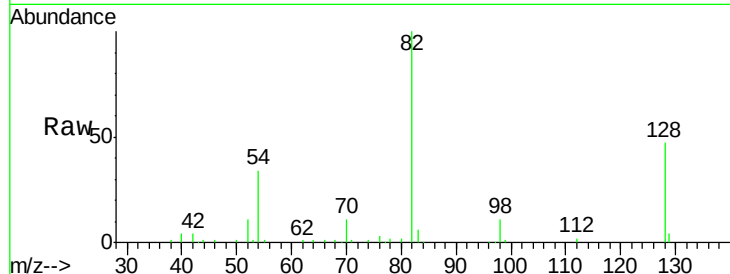




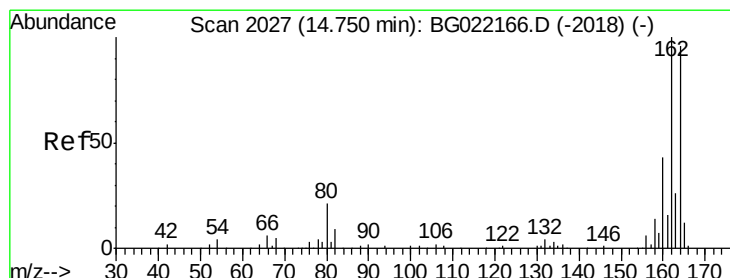
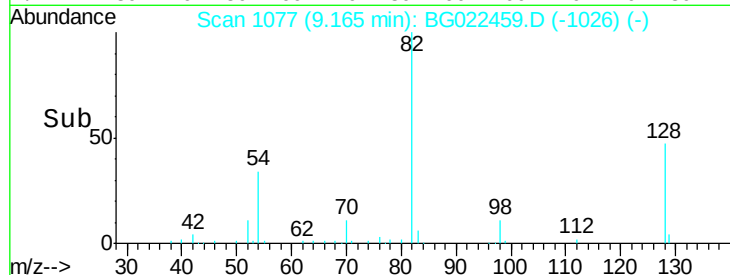
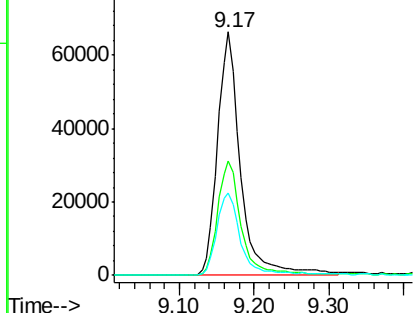
#23
 Nitrobenzene-d5
 Concen: 94.06 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BG022459.D
 Acq: 21 Jun 2016 3:01

Instrument :
 BNA_G
 ClientSampled :
 W-35

Tot Ion	82	Resp	142431
Ion Ratio	Lower	Upper	
82	100		
128	47.0	33.4	50.0
54	33.8	46.1	69.1#

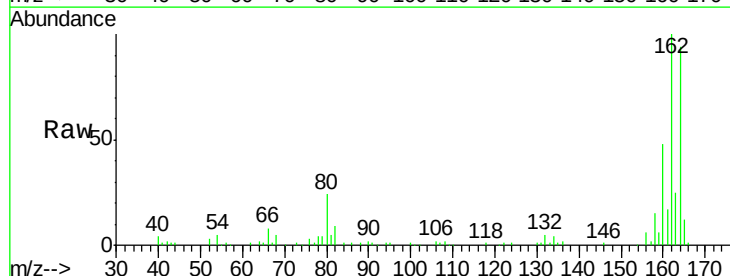


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

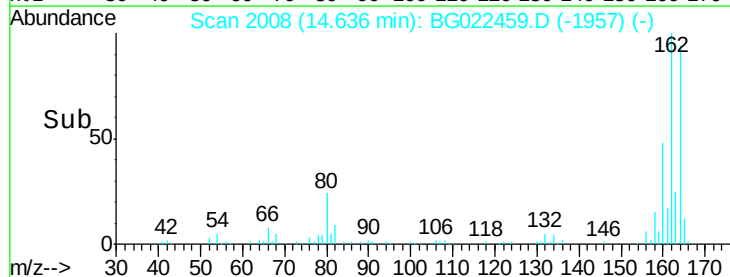
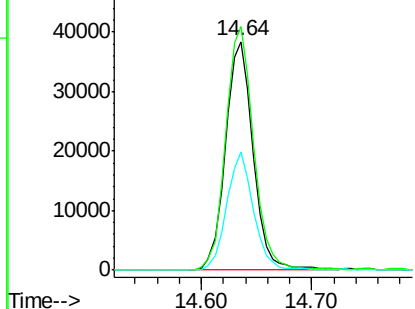


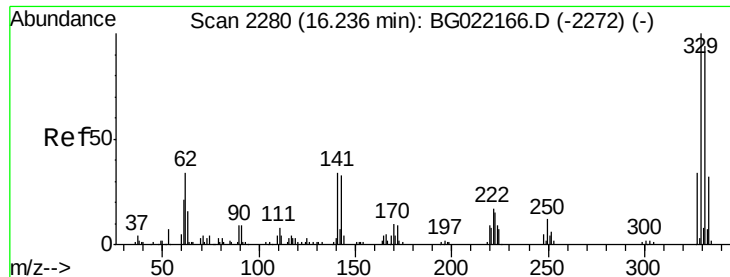
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG022459.D
 Acq: 21 Jun 2016 3:01

Tgt Ion	164	Resp	67279
Ion Ratio	Lower	Upper	
164	100		
162	106.4	78.0	117.0
160	51.5	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: 109.19 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

Instrument :

BNA_G

ClientSampleId :

W-35

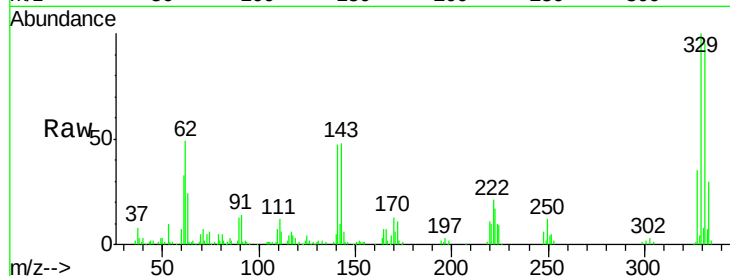
Tot Ion:330 Resp: 83006

Ion Ratio Lower Upper

330 100

332 94.4 78.0 117.0

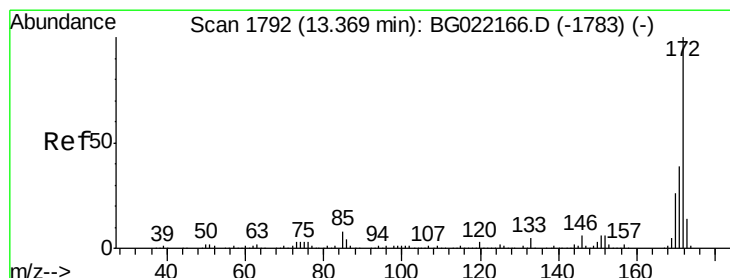
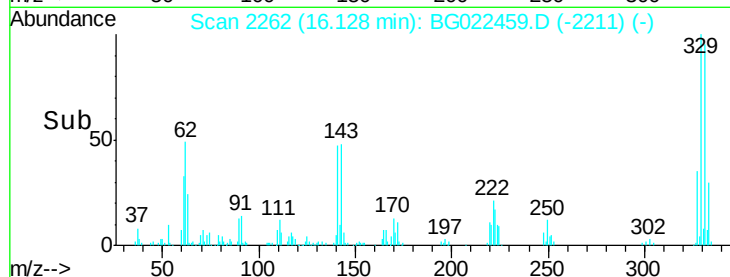
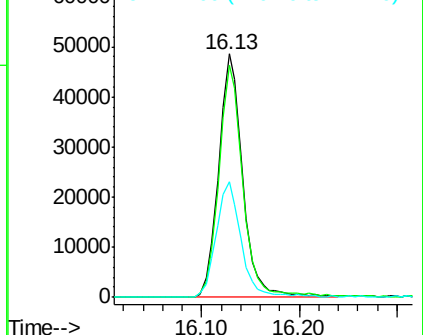
141 49.3 33.8 50.8



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: 87.71 ng

RT: 13.25 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

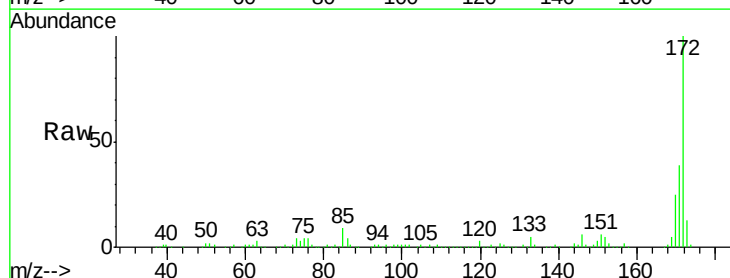
Tgt Ion:172 Resp: 387203

Ion Ratio Lower Upper

172 100

171 39.4 27.8 41.6

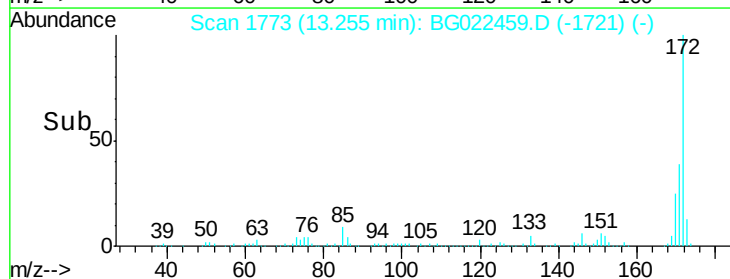
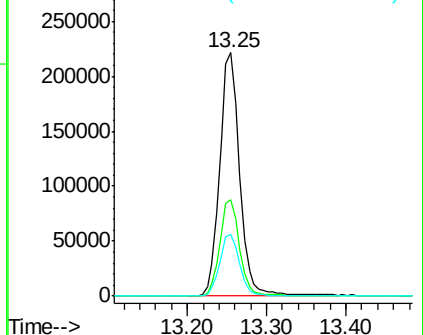
170 25.3 19.6 29.4

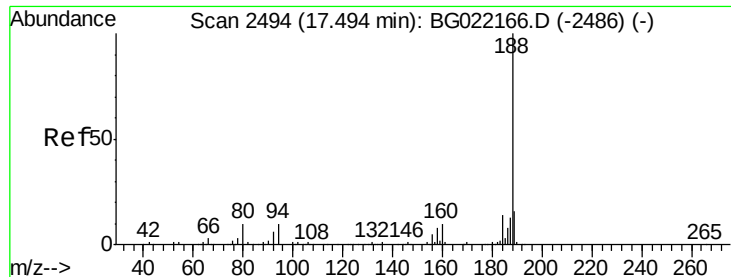


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

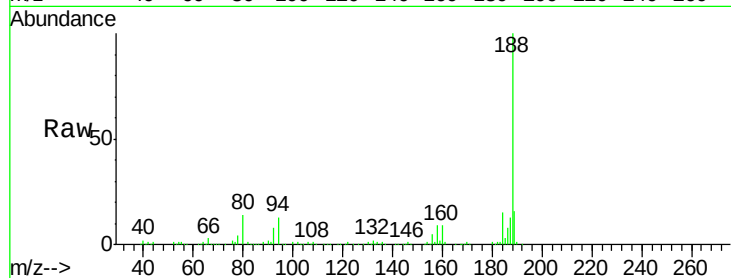




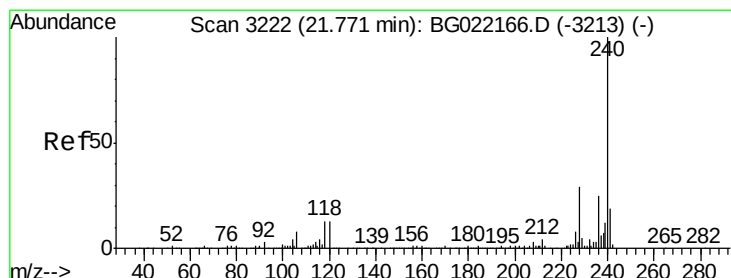
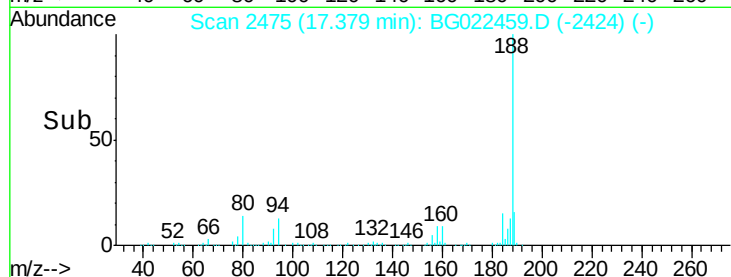
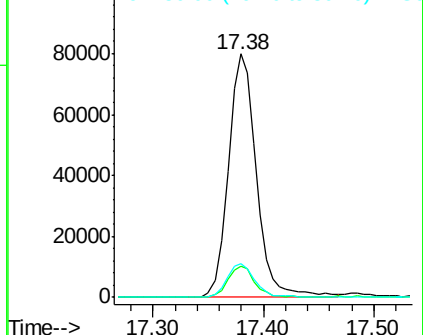
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022459.D
Acq: 21 Jun 2016 3:01

Instrument :
BNA_G
ClientSampled :
W-35

Tot Ion:188 Resp: 142156
Ion Ratio Lower Upper
188 100
94 12.9 7.5 11.3#
80 13.9 8.6 13.0#

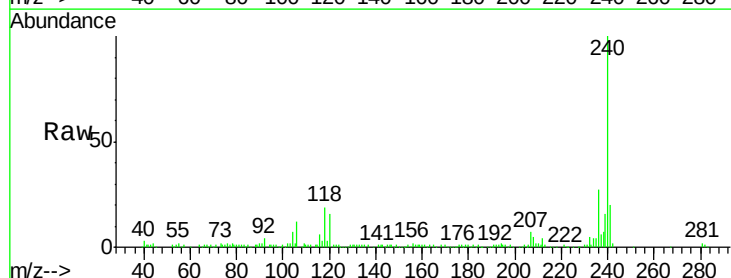


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

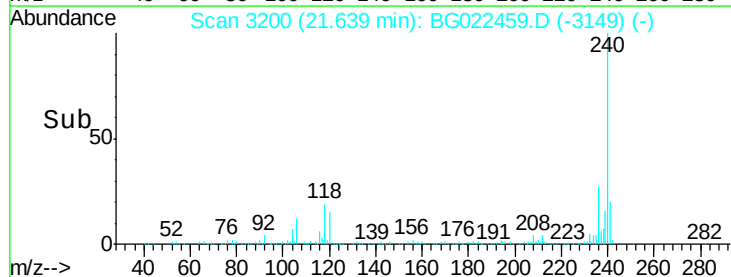
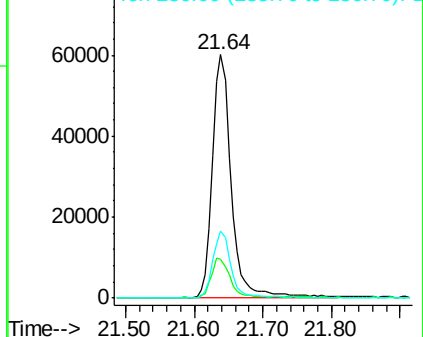


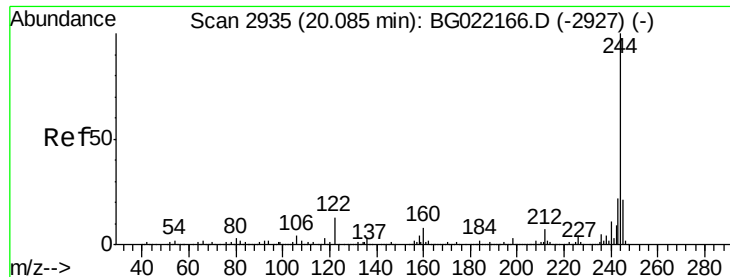
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. -0.00 min
Lab File: BG022459.D
Acq: 21 Jun 2016 3:01

Tgt Ion:240 Resp: 115260
Ion Ratio Lower Upper
240 100
120 15.7 8.4 12.6#
236 27.5 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: 88.96 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

Instrument :

BNA_G

ClientSampleId :

W-35

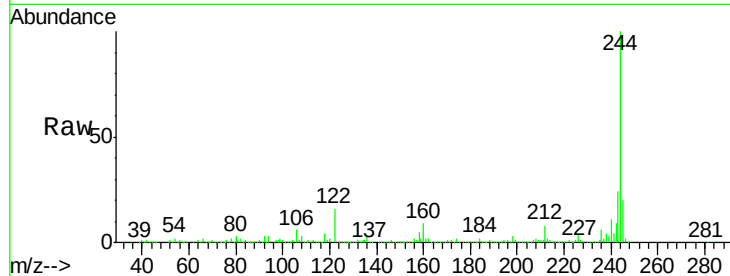
Tot Ion:244 Resp: 431893

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

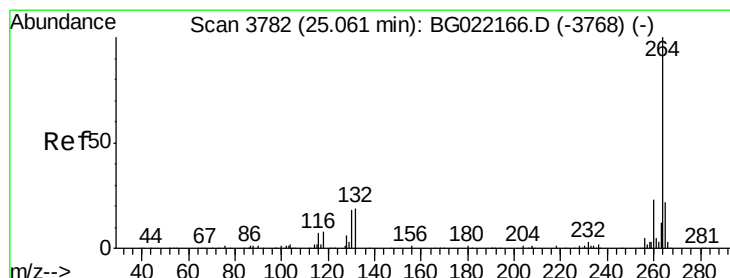
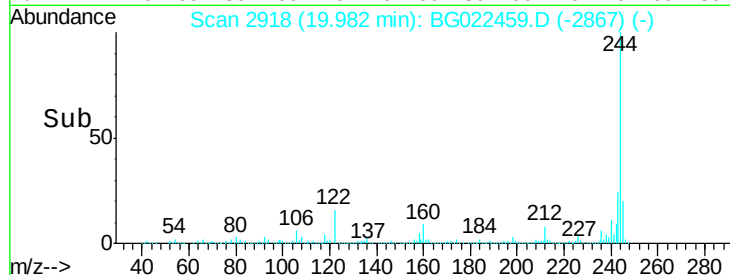
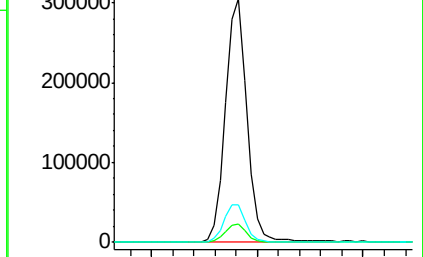
122 15.6 8.6 12.8#



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: 24.85 min Scan# 3746

Delta R.T. 0.00 min

Lab File: BG022459.D

Acq: 21 Jun 2016 3:01

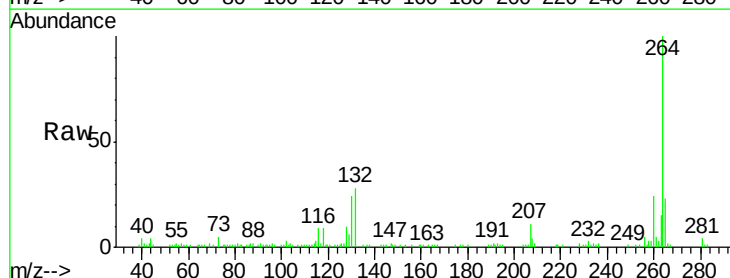
Tgt Ion:264 Resp: 99261

Ion Ratio Lower Upper

264 100

260 23.9 20.2 30.4

265 22.9 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

