

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
 Data File : BG022458.D
 Acq On : 21 Jun 2016 2:21
 Operator : UM/SJ
 Sample : H3679-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-29

Quant Time: Jun 21 03:57:48 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	21566	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	107530	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	66057	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	140390	20.00	ng	0.00
75) Chrysene-d12	21.64	240	115596	20.00	ng	0.00
86) Perylene-d12	24.84	264	101932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	53367	47.85	ng	0.00
7) Phenol-d6	7.18	99	49784	28.39	ng	0.00
23) Nitrobenzene-d5	9.16	82	95128	61.68	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	54715	73.30	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	266824	61.56	ng	0.00
78) Terphenyl-d14	19.98	244	317758	65.26	ng	0.00

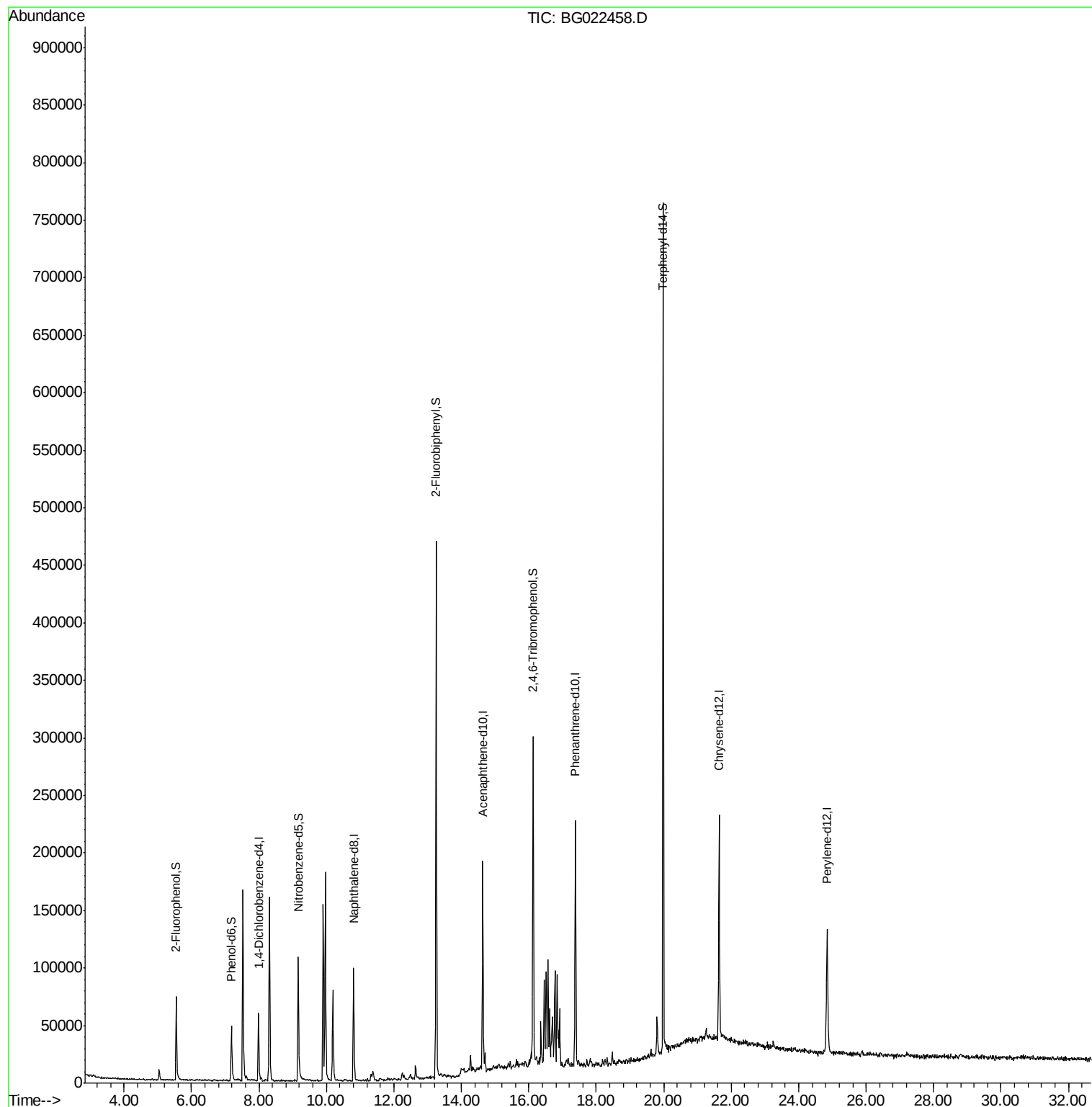
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062016\
Data File : BG022458.D
Acq On : 21 Jun 2016 2:21
Operator : UM/SJ
Sample : H3679-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
W-29

Quant Time: Jun 21 03:57:48 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



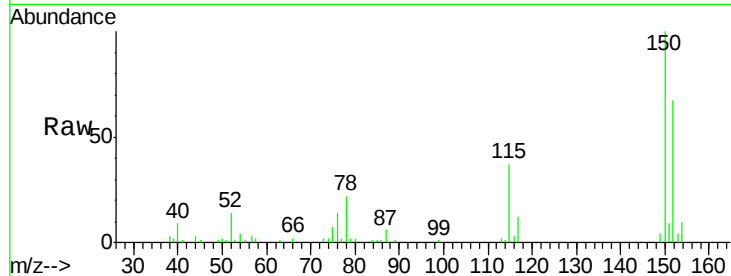


#1

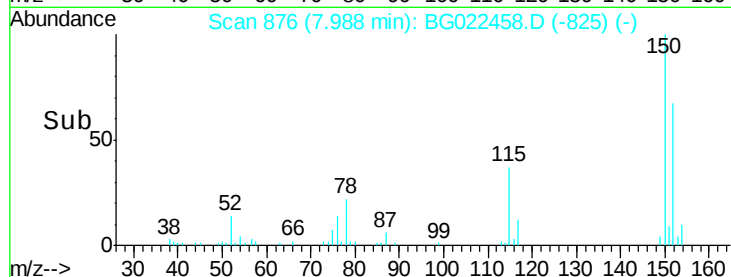
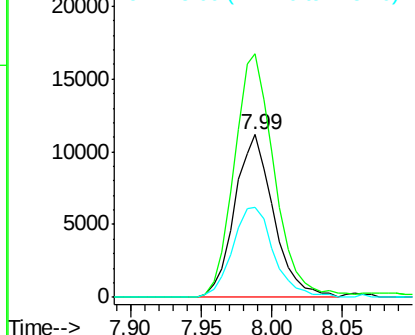
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. 0.00 min
Lab File: BG022458.D
Acq: 21 Jun 2016 2:21

Instrument :
BNA_G
ClientSampleId :
W-29

Tot Ion:152 Resp: 21566
Ion Ratio Lower Upper
152 100
150 149.5 130.1 195.1
115 55.4 62.2 93.2#



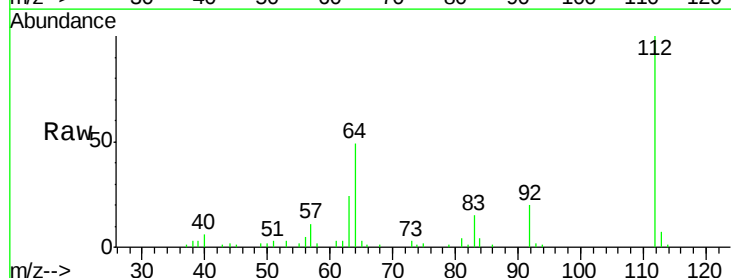
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



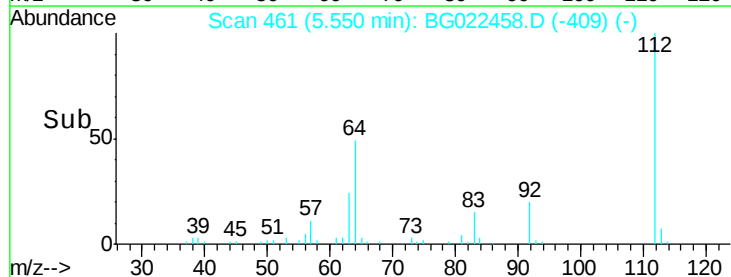
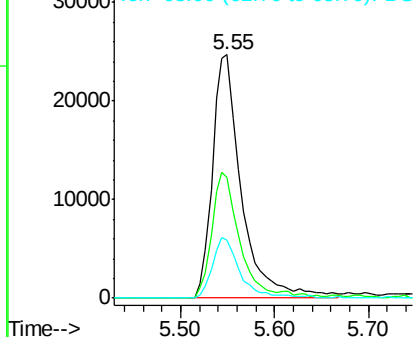
#5

2-Fluorophenol
Concen: 47.85 ng
RT: 5.55 min Scan# 461
Delta R.T. 0.01 min
Lab File: BG022458.D
Acq: 21 Jun 2016 2:21

Tgt Ion:112 Resp: 53367
Ion Ratio Lower Upper
112 100
64 49.4 51.1 76.7#
63 23.9 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: 28.39 ng

RT: 7.18 min Scan# 739

Delta R.T. 0.01 min

Lab File: BG022458.D

Acq: 21 Jun 2016 2:21

Instrument :

BNA_G

ClientSampled :

W-29

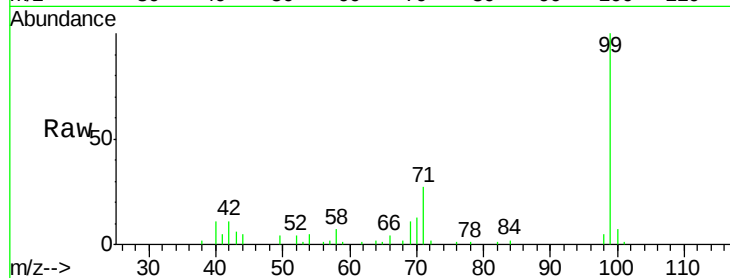
Tot Ion: 99 Resp: 49784

Ion Ratio Lower Upper

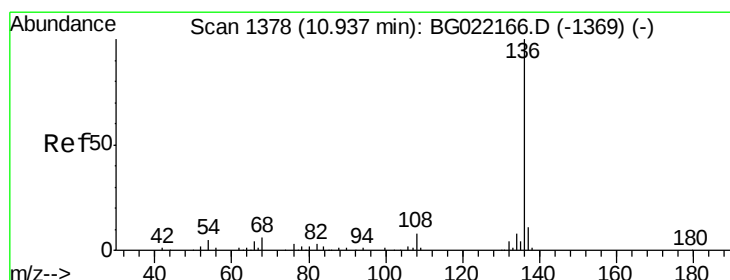
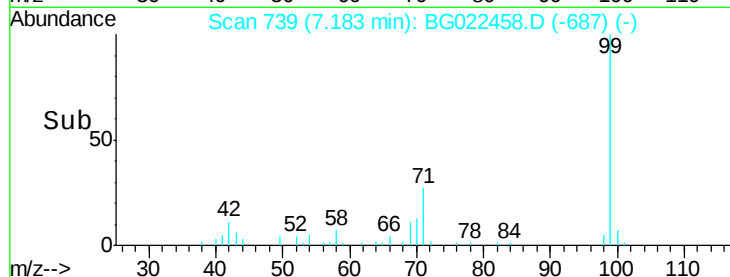
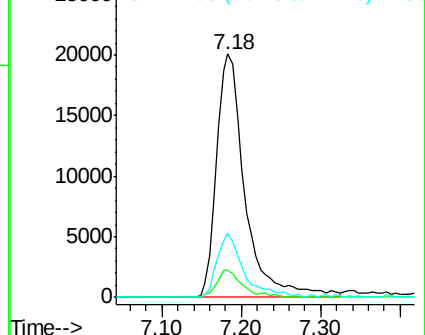
99 100

42 11.2 16.4 24.6#

71 26.5 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# 1355

Delta R.T. -0.00 min

Lab File: BG022458.D

Acq: 21 Jun 2016 2:21

Tgt Ion: 136 Resp: 107530

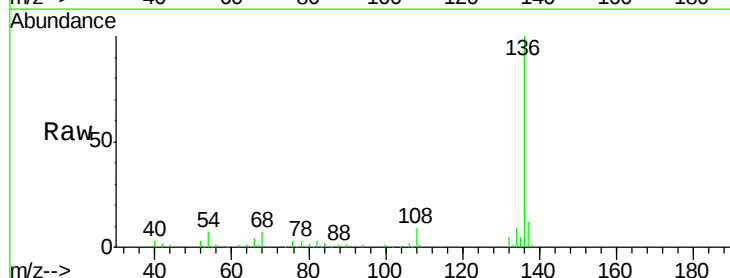
Ion Ratio Lower Upper

136 100

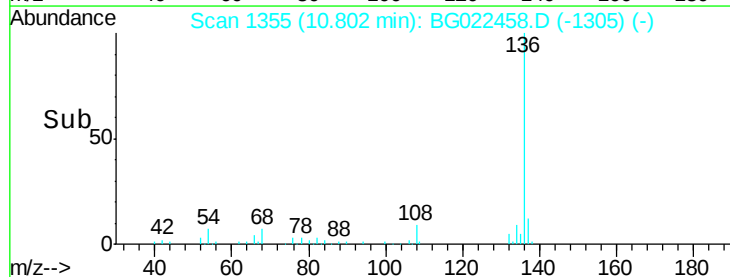
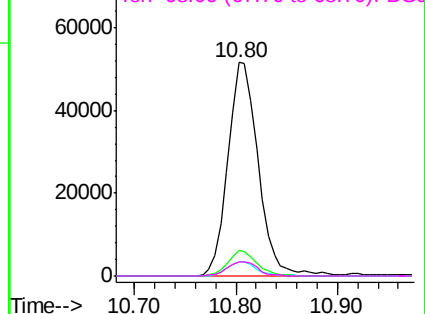
137 11.8 9.0 13.4

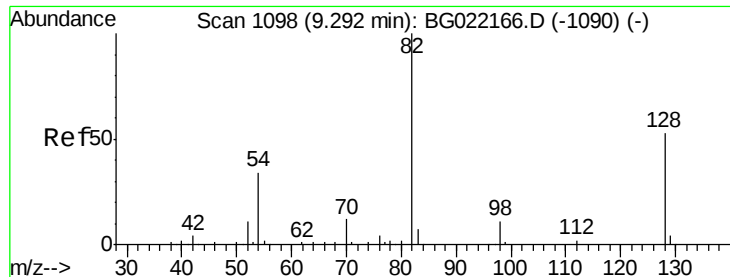
54 6.6 9.6 14.4#

68 6.5 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

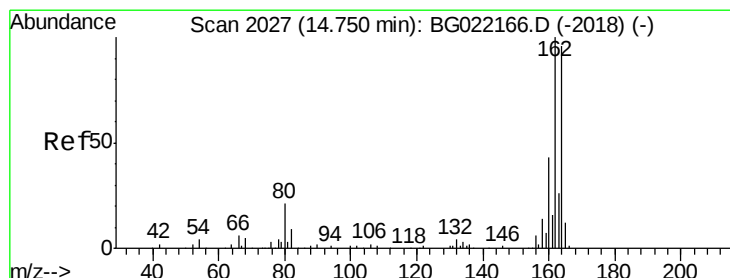
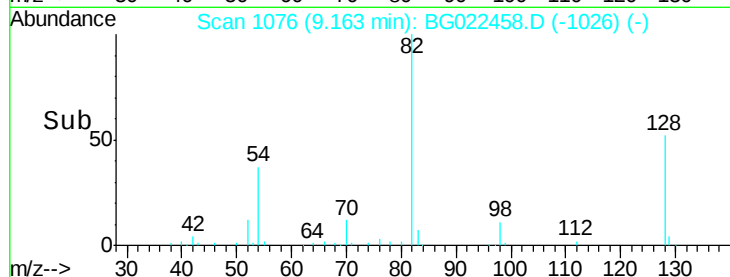
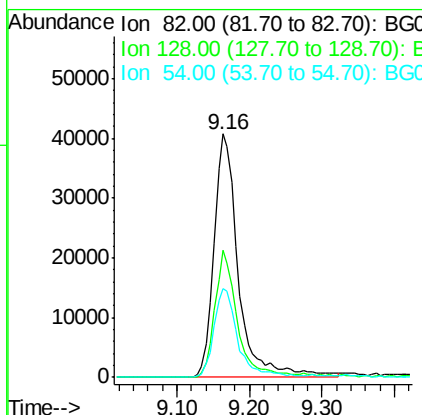
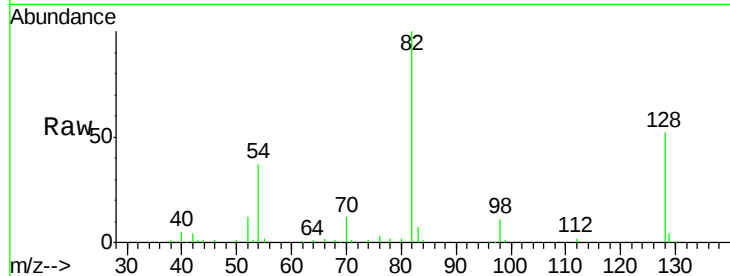




#23
 Nitrobenzene-d5
 Concen: 61.68 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG022458.D
 Acq: 21 Jun 2016 2:21

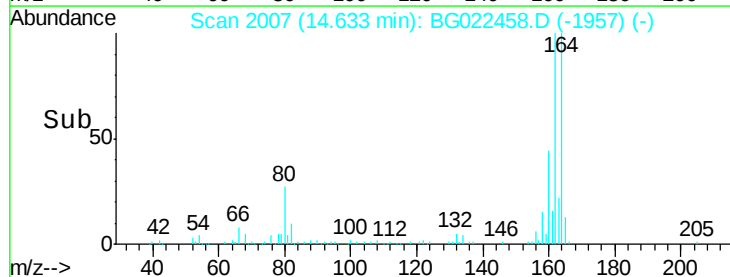
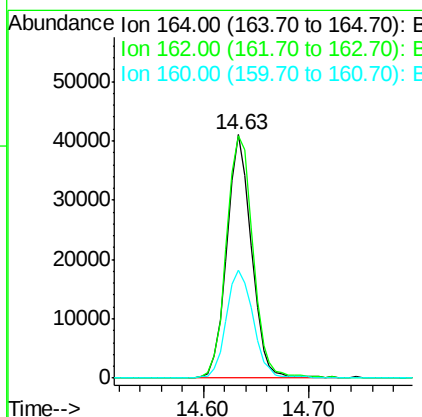
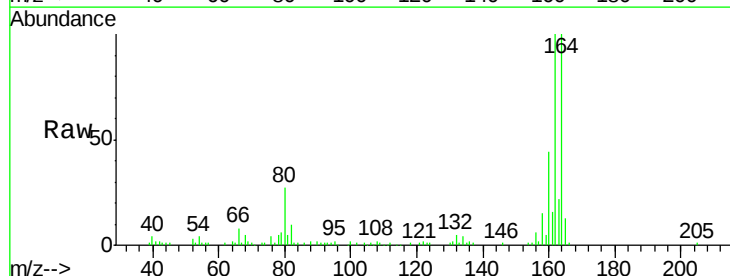
Instrument :
 BNA_G
 ClientSampleId :
 W-29

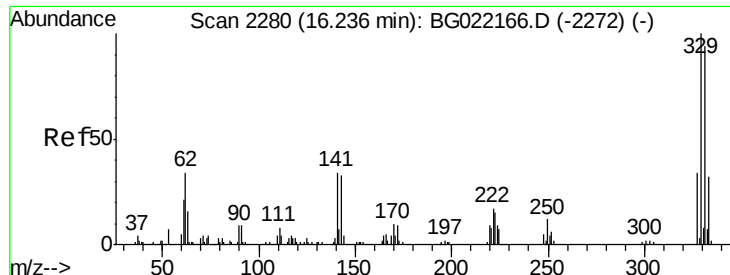
Tot Ion	82	Resp	95128
Ion Ratio	Lower	Upper	
82	100		
128	52.4	33.4	50.0#
54	36.6	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG022458.D
 Acq: 21 Jun 2016 2:21

Tgt Ion	164	Resp	66057
Ion Ratio	Lower	Upper	
164	100		
162	99.6	78.0	117.0
160	44.1	32.9	49.3





#41

2,4,6-Tribromophenol

Concen: 73.30 ng

RT: 16.13 min Scan# 2261

Delta R.T. -0.00 min

Lab File: BG022458.D

Acq: 21 Jun 2016 2:21

Instrument :

BNA_G

ClientSampled :

W-29

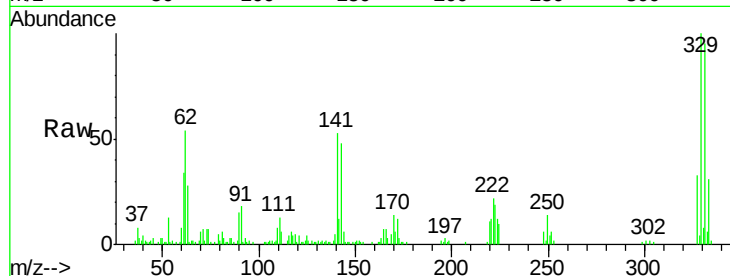
Tot Ion:330 Resp: 54715

Ion Ratio Lower Upper

330 100

332 94.8 78.0 117.0

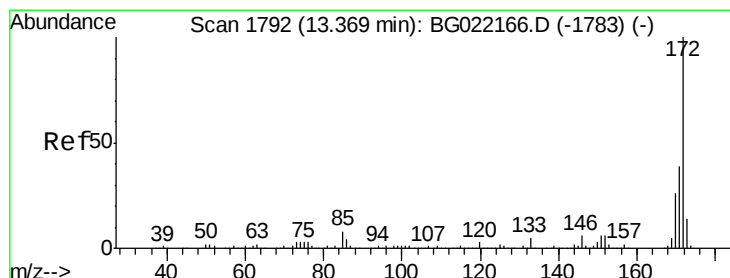
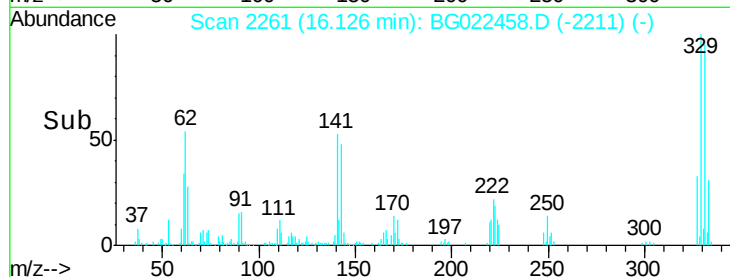
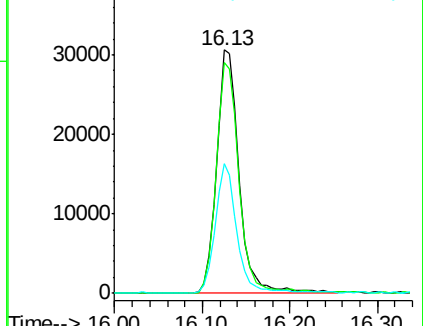
141 50.0 33.8 50.8



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: 61.56 ng

RT: 13.25 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BG022458.D

Acq: 21 Jun 2016 2:21

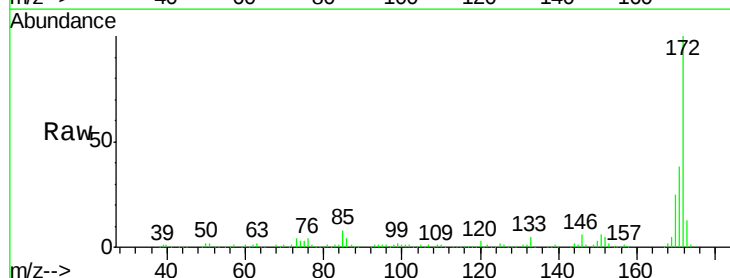
Tgt Ion:172 Resp: 266824

Ion Ratio Lower Upper

172 100

171 37.8 27.8 41.6

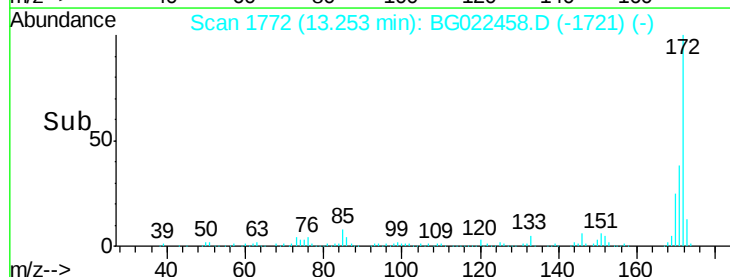
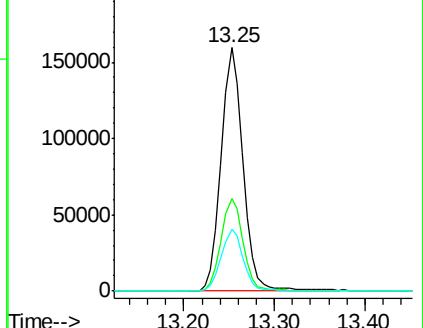
170 25.4 19.6 29.4

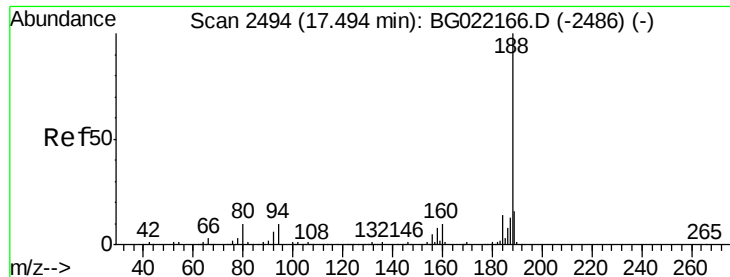


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2474

Delta R.T. -0.00 min

Lab File: BG022458.D

Acq: 21 Jun 2016 2:21

Instrument :

BNA_G

ClientSampled :

W-29

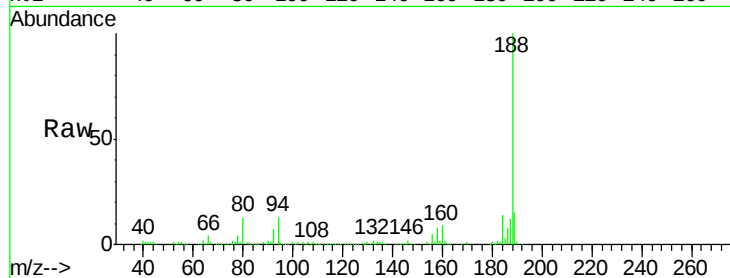
Tot Ion:188 Resp: 140390

Ion Ratio Lower Upper

188 100

94 12.6 7.5 11.3#

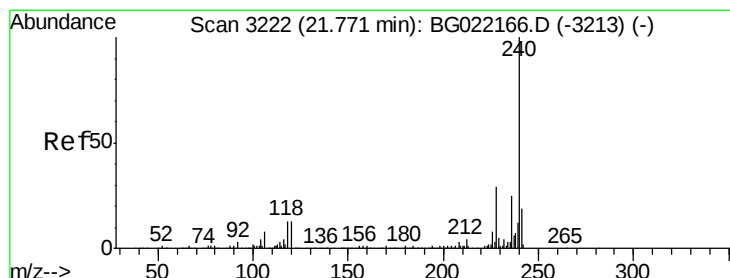
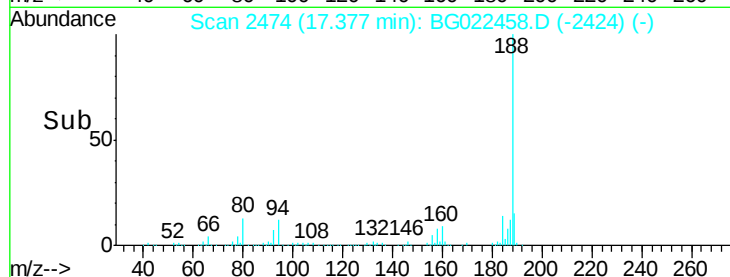
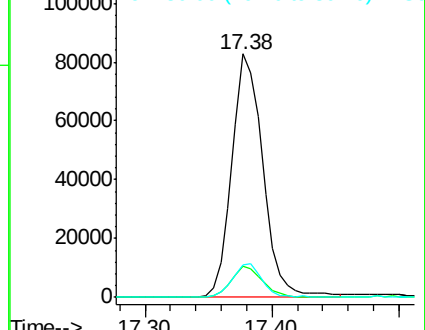
80 13.1 8.6 13.0#



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# 3199

Delta R.T. -0.00 min

Lab File: BG022458.D

Acq: 21 Jun 2016 2:21

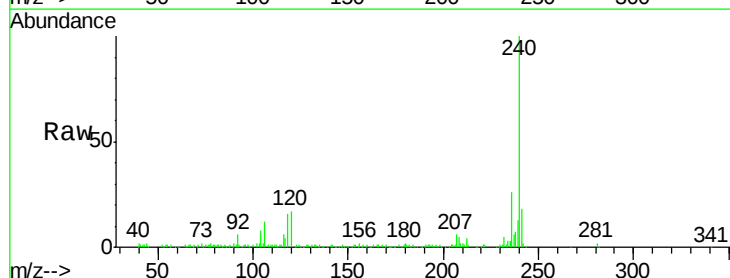
Tgt Ion:240 Resp: 115596

Ion Ratio Lower Upper

240 100

120 16.6 8.4 12.6#

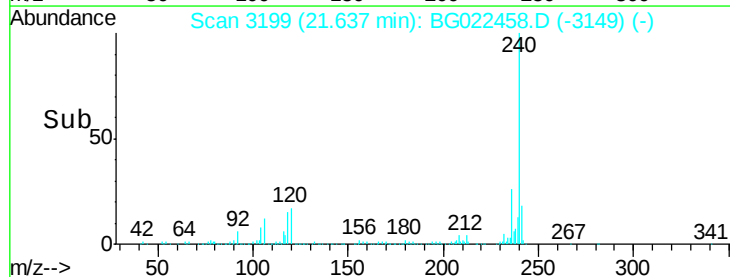
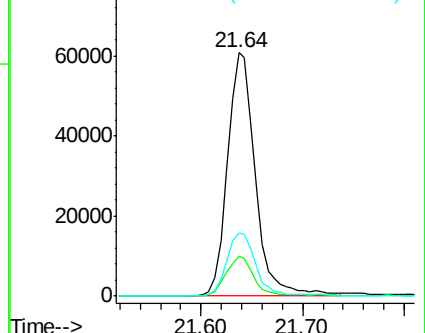
236 26.1 19.6 29.4

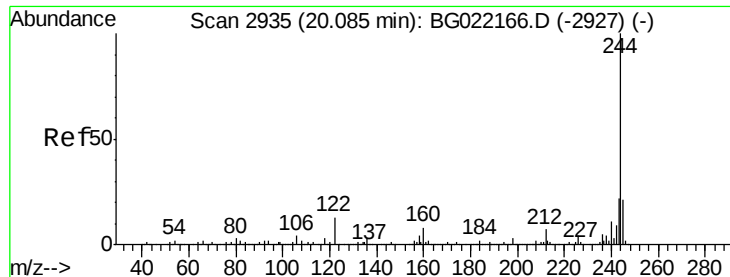


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.26 ng

RT: 19.98 min Scan# 2917

Delta R.T. -0.00 min

Lab File: BG022458.D

Acq: 21 Jun 2016 2:21

Instrument :

BNA_G

ClientSampleId :

W-29

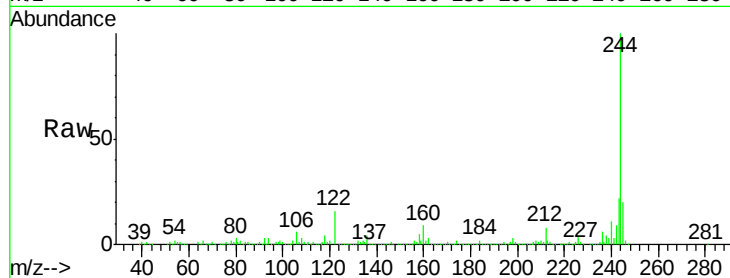
Tot Ion:244 Resp: 317758

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

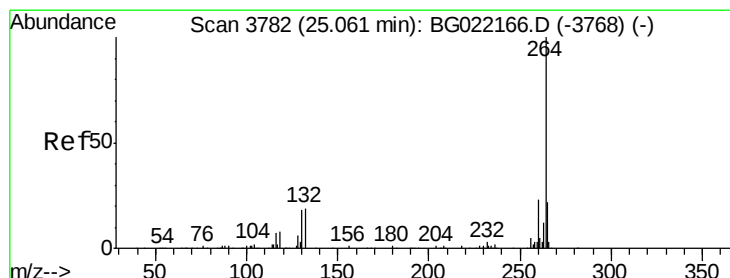
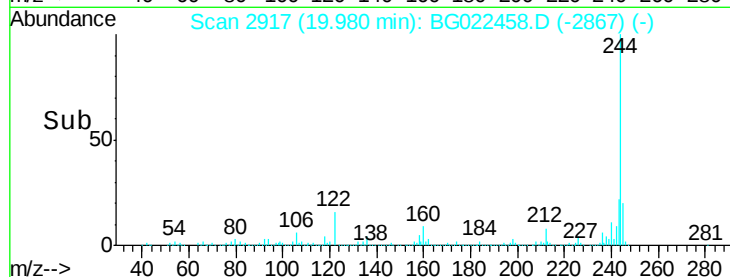
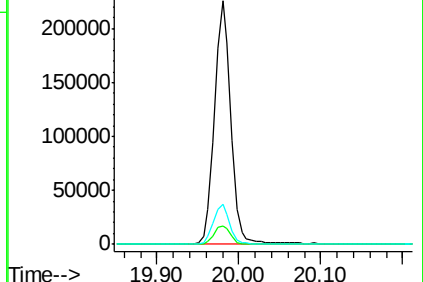
122 16.5 8.6 12.8#



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. -0.00 min

Lab File: BG022458.D

Acq: 21 Jun 2016 2:21

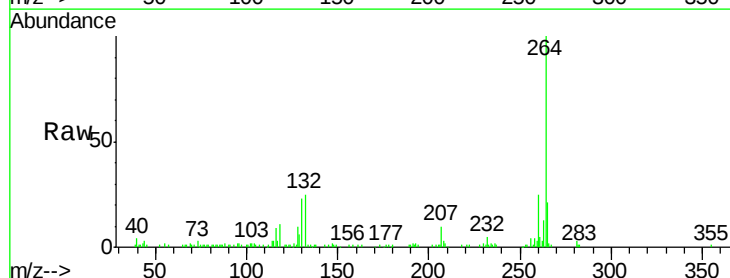
Tgt Ion:264 Resp: 101932

Ion Ratio Lower Upper

264 100

260 24.6 20.2 30.4

265 20.5 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

