

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062016\
 Data File : BG022457.D
 Acq On : 21 Jun 2016 1:41
 Operator : UM/SJ
 Sample : H3679-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-33

Quant Time: Jun 21 03:40:36 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	20380	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	106559	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	69788	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	148243	20.00	ng	0.00
75) Chrysene-d12	21.64	240	107550	20.00	ng	0.00
86) Perylene-d12	24.84	264	95057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	76331	72.42	ng	0.00
7) Phenol-d6	7.18	99	101364	61.16	ng	0.00
23) Nitrobenzene-d5	9.17	82	145201	95.00	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	83509	105.90	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	404669	88.37	ng	0.00
78) Terphenyl-d14	19.98	244	455418	100.53	ng	0.00

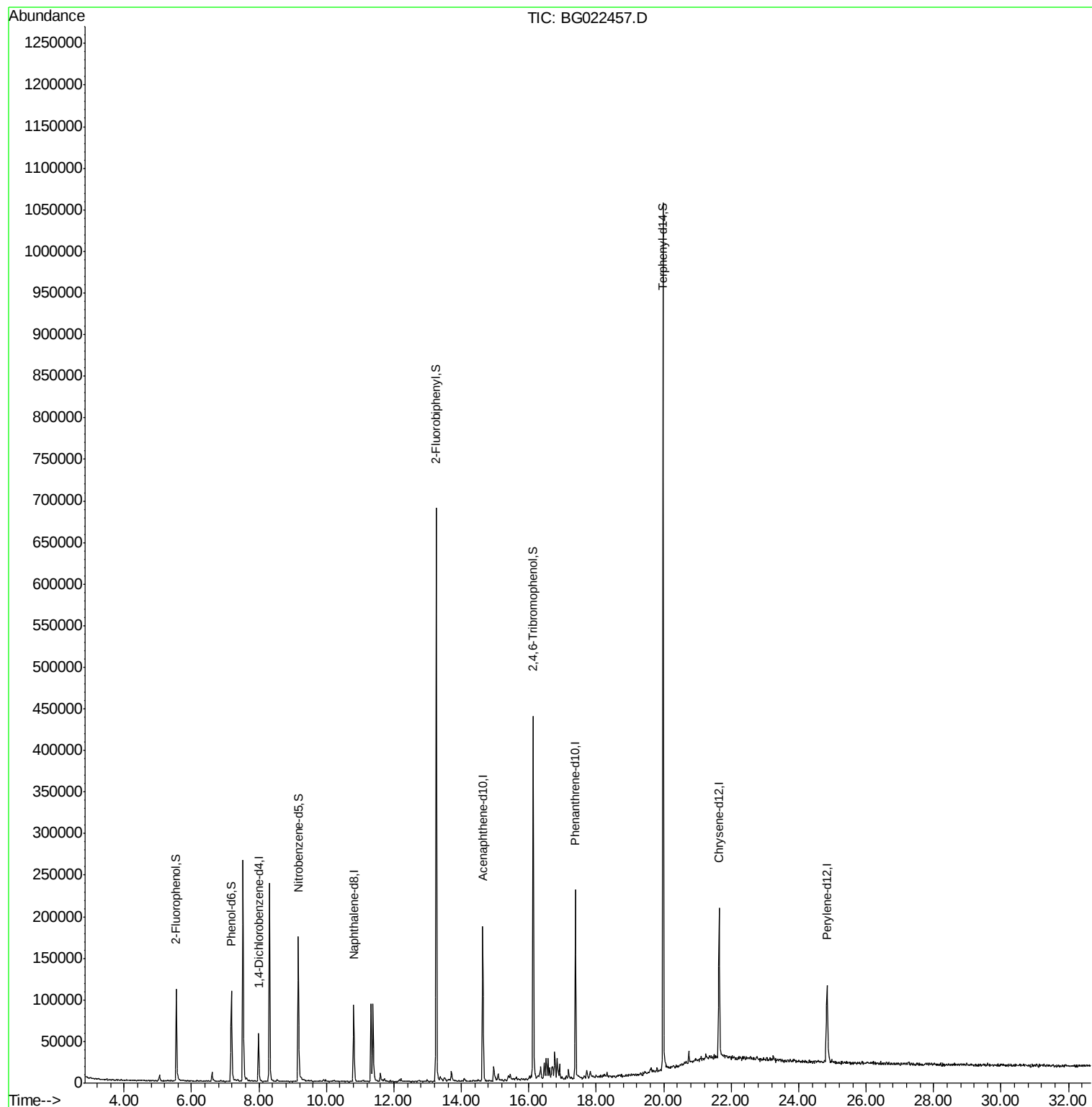
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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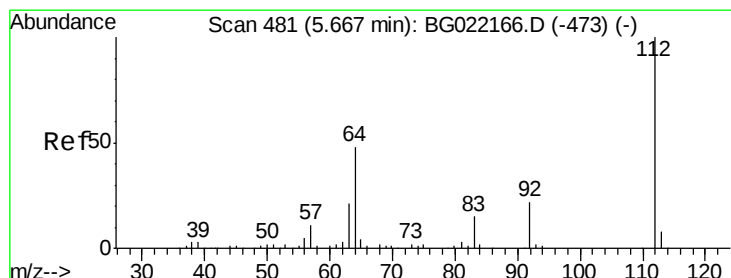
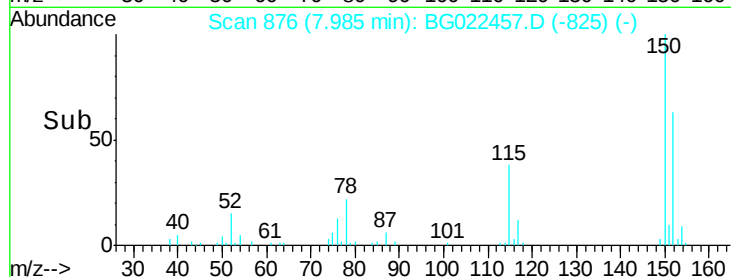
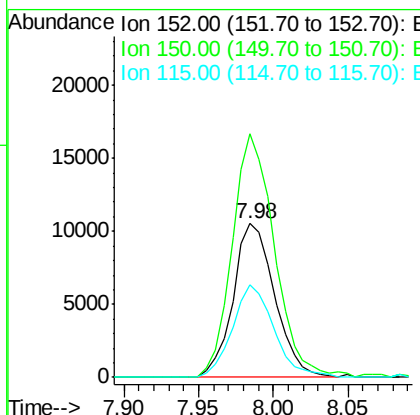
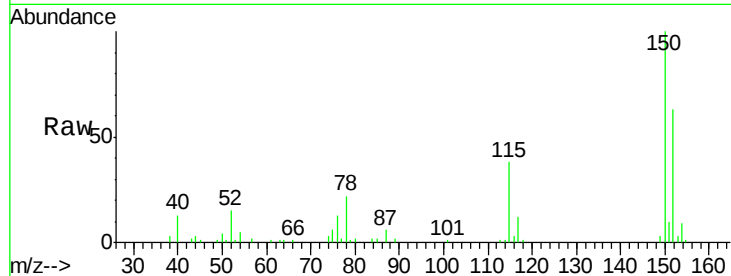




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.98 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG022457.D
 Acq: 21 Jun 2016 1:41

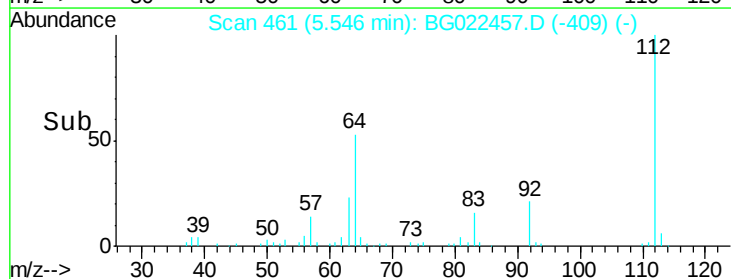
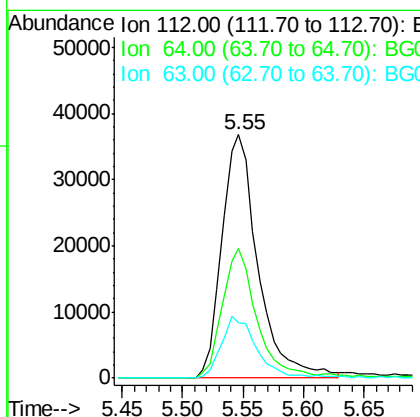
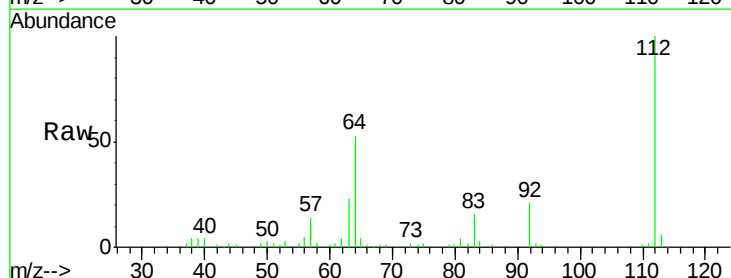
Instrument :
 BNA_G
 ClientSampleId :
 W-33

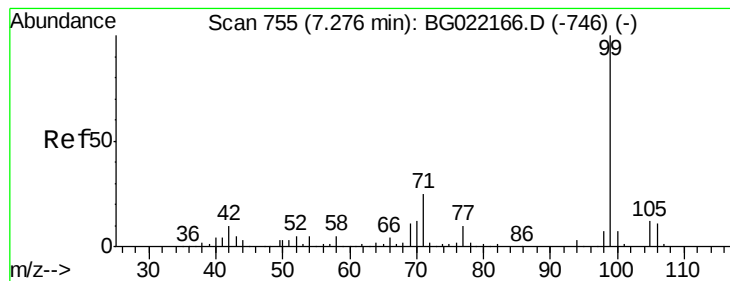
Tgt Ion:152 Resp: 20380
 Ion Ratio Lower Upper
 152 100
 150 158.2 130.1 195.1
 115 59.9 62.2 93.2#



#5
 2-Fluorophenol
 Concen: 72.42 ng
 RT: 5.55 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BG022457.D
 Acq: 21 Jun 2016 1:41

Tgt Ion:112 Resp: 76331
 Ion Ratio Lower Upper
 112 100
 64 53.4 51.1 76.7
 63 22.8 24.6 37.0#





#7

Phenol-d6

Concen: 61.16 ng

RT: 7.18 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG022457.D

Acq: 21 Jun 2016 1:41

Instrument :

BNA_G

ClientSampleId :

W-33

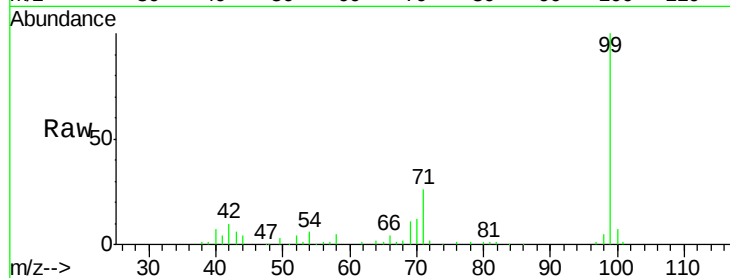
Tgt Ion: 99 Resp: 101364

Ion Ratio Lower Upper

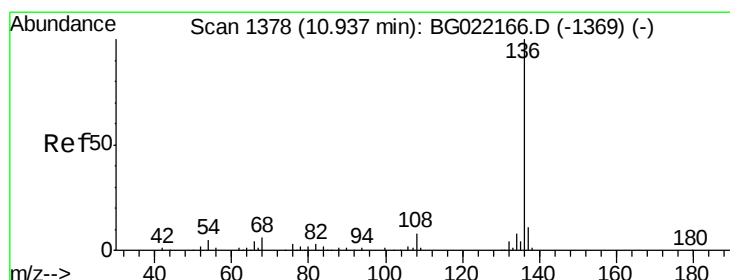
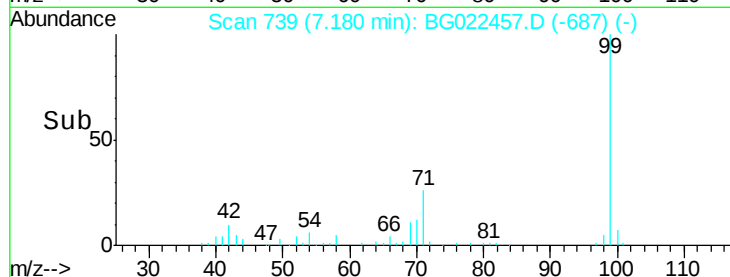
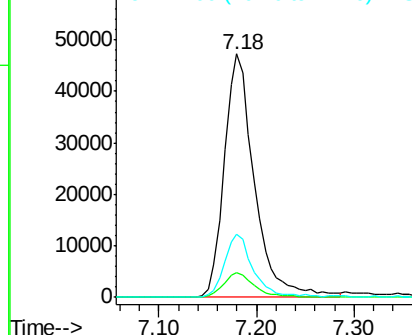
99 100

42 10.3 16.4 24.6#

71 25.8 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: BG022457.D

Acq: 21 Jun 2016 1:41

Tgt Ion: 136 Resp: 106559

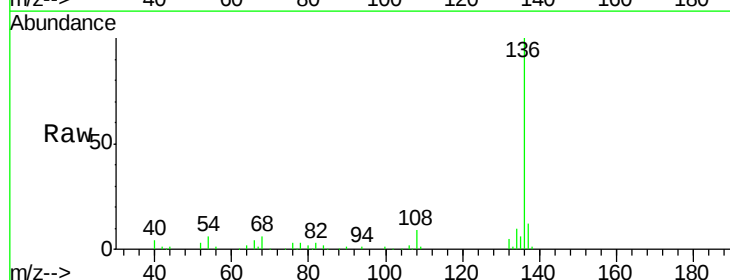
Ion Ratio Lower Upper

136 100

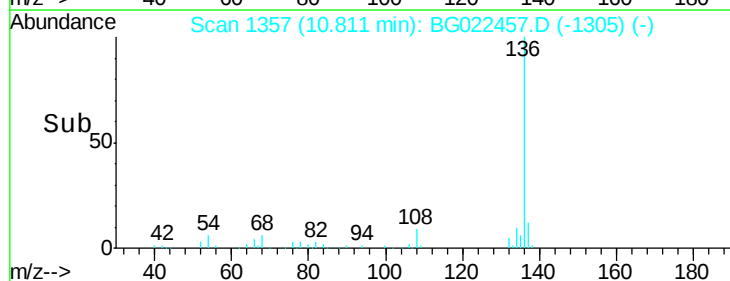
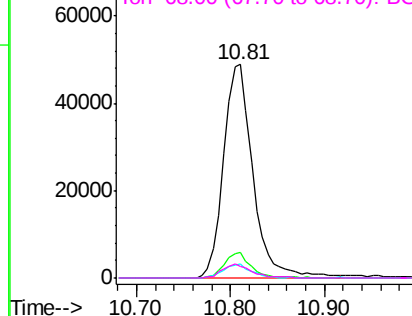
137 12.0 9.0 13.4

54 6.3 9.6 14.4#

68 5.7 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

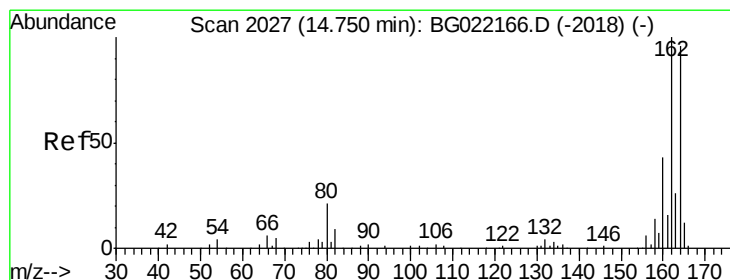
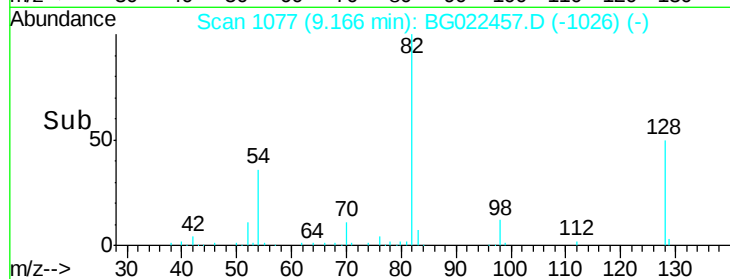
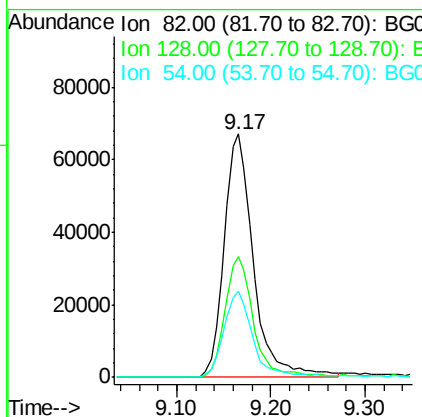
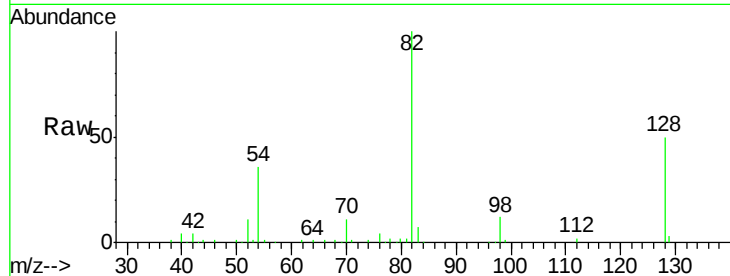




#23
 Nitrobenzene-d5
 Concen: 95.00 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BG022457.D
 Acq: 21 Jun 2016 1:41

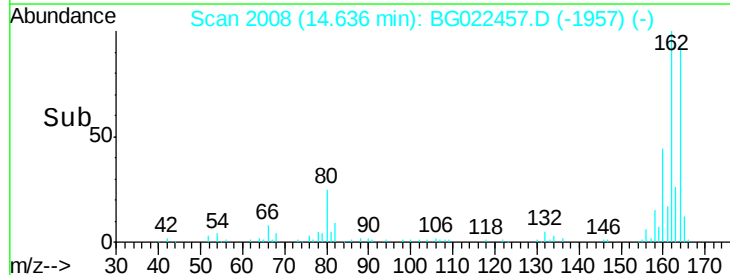
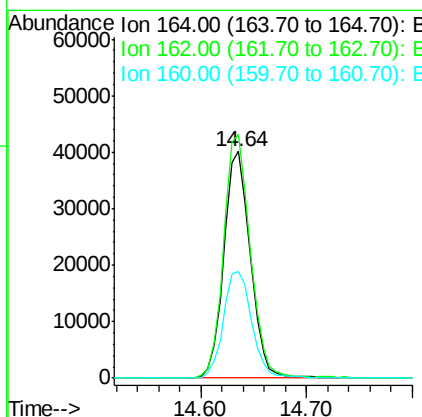
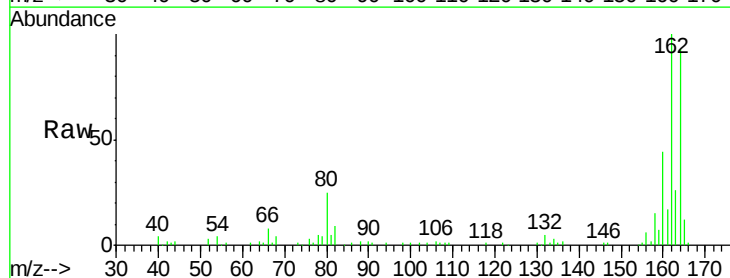
Instrument :
 BNA_G
 ClientSampled :
 W-33

Tgt Ion: 82 Resp: 145201
 Ion Ratio Lower Upper
 82 100
 128 49.6 33.4 50.0
 54 35.5 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG022457.D
 Acq: 21 Jun 2016 1:41

Tgt Ion: 164 Resp: 69788
 Ion Ratio Lower Upper
 164 100
 162 107.4 78.0 117.0
 160 46.9 32.9 49.3





#41

2,4,6-Tribromophenol

Concen: 105.90 ng

RT: 16.13 min Scan# 2262

Delta R.T. -0.00 min

Lab File: BG022457.D

Acq: 21 Jun 2016 1:41

Instrument :

BNA_G

ClientSampled :

W-33

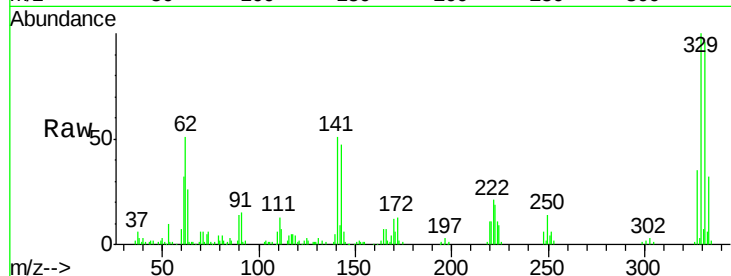
Tgt Ion:330 Resp: 83509

Ion Ratio Lower Upper

330 100

332 96.8 78.0 117.0

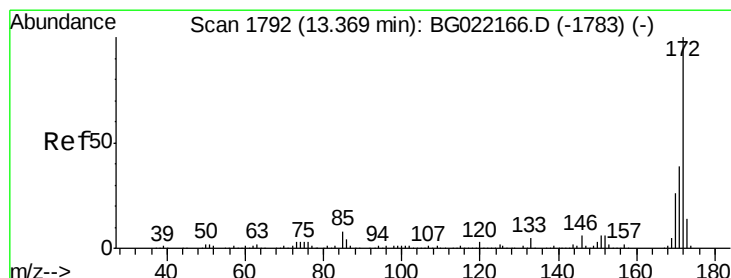
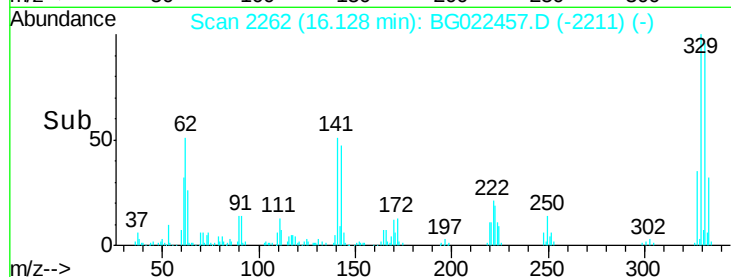
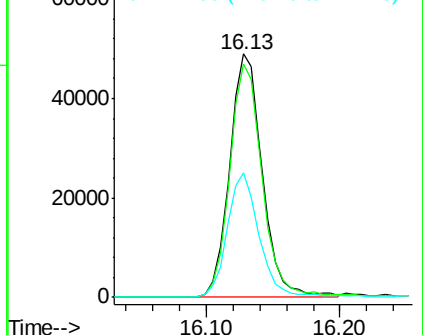
141 50.1 33.8 50.8



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: 88.37 ng

RT: 13.25 min Scan# 1773

Delta R.T. 0.00 min

Lab File: BG022457.D

Acq: 21 Jun 2016 1:41

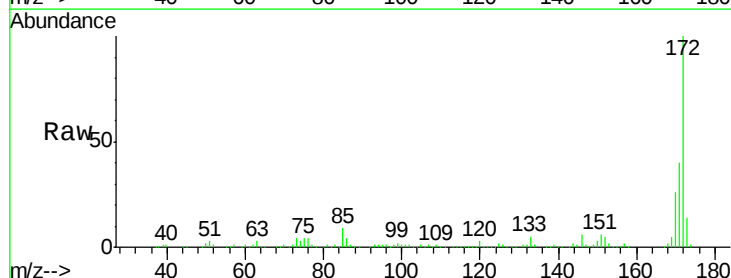
Tgt Ion:172 Resp: 404669

Ion Ratio Lower Upper

172 100

171 40.2 27.8 41.6

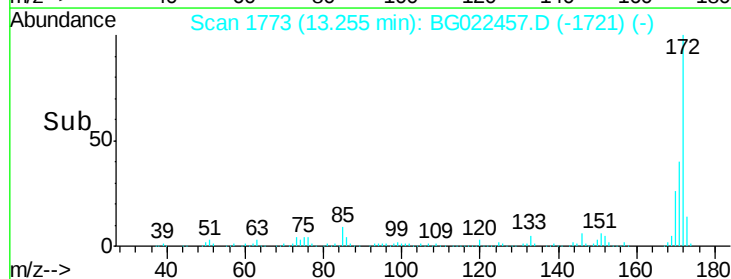
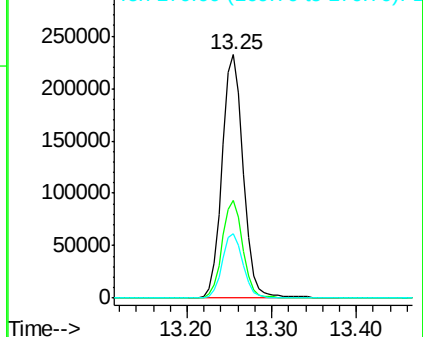
170 26.2 19.6 29.4

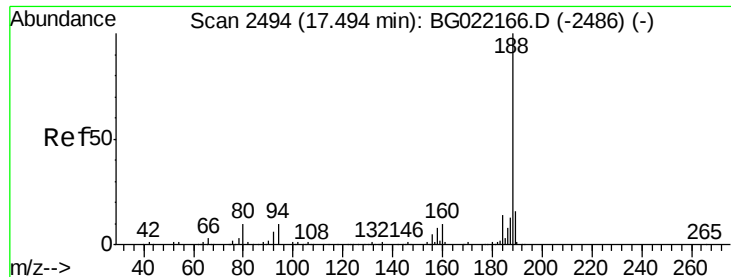


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

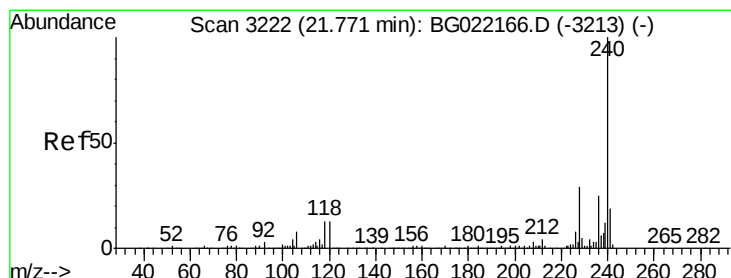
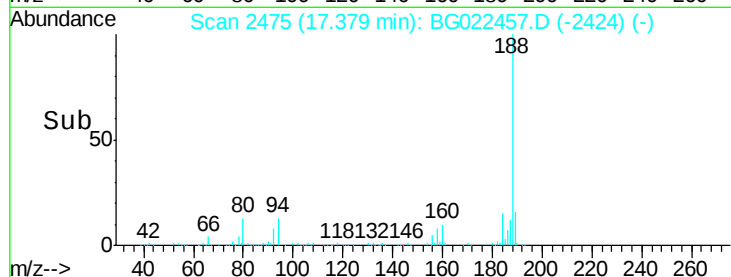
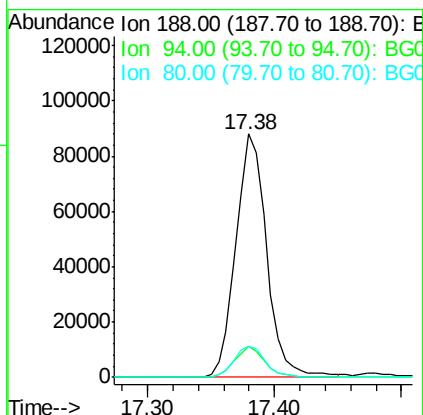
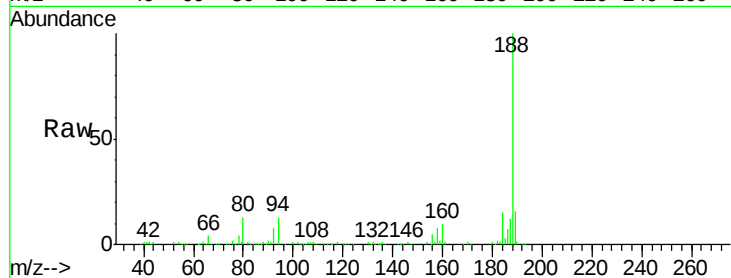




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022457.D
Acq: 21 Jun 2016 1:41

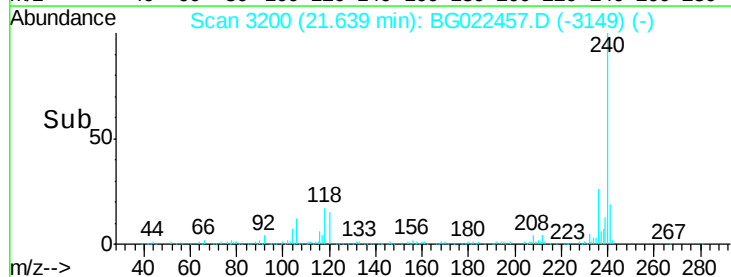
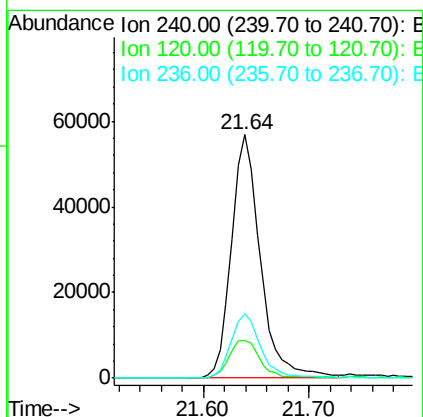
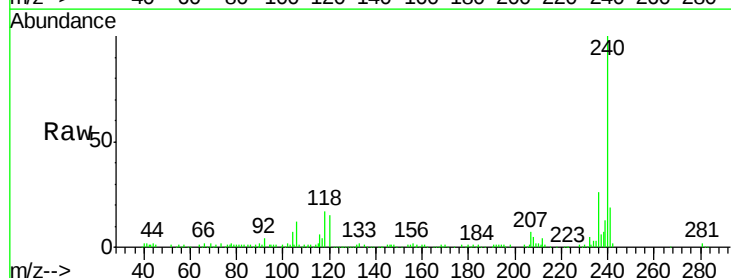
Instrument :
BNA_G
ClientSampleId :
W-33

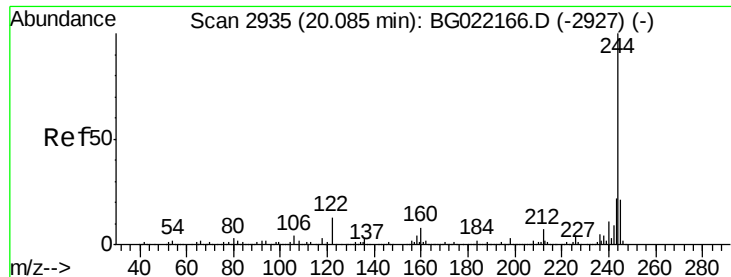
Tgt Ion:188 Resp: 148243
Ion Ratio Lower Upper
188 100
94 12.8 7.5 11.3#
80 12.9 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. -0.00 min
Lab File: BG022457.D
Acq: 21 Jun 2016 1:41

Tgt Ion:240 Resp: 107550
Ion Ratio Lower Upper
240 100
120 15.2 8.4 12.6#
236 26.4 19.6 29.4





#78

Terphenyl-d14

Concen: 100.53 ng

RT: 19.98 min Scan# 2918

Delta R.T. -0.00 min

Lab File: BG022457.D

Acq: 21 Jun 2016 1:41

Instrument :

BNA_G

ClientSampleId :

W-33

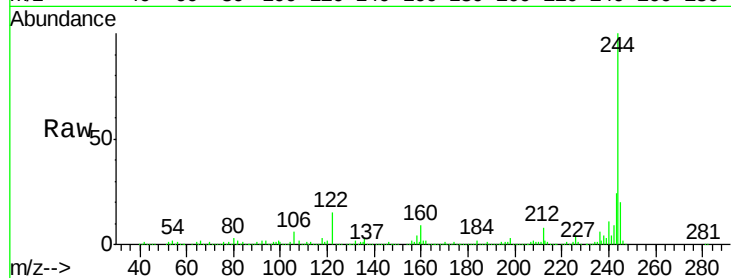
Tgt Ion:244 Resp: 455418

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

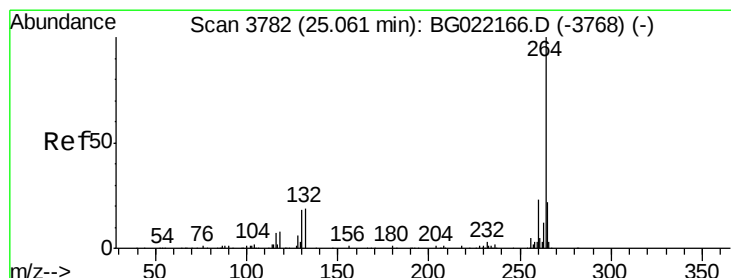
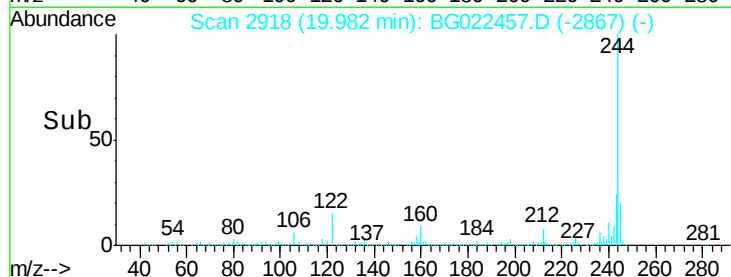
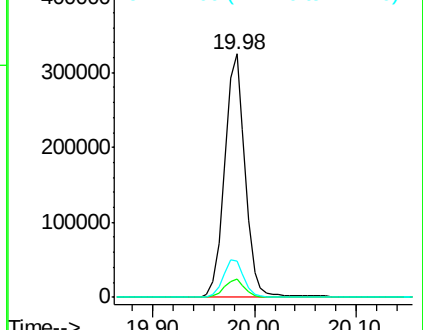
122 15.1 8.6 12.8#



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# 3745

Delta R.T. -0.00 min

Lab File: BG022457.D

Acq: 21 Jun 2016 1:41

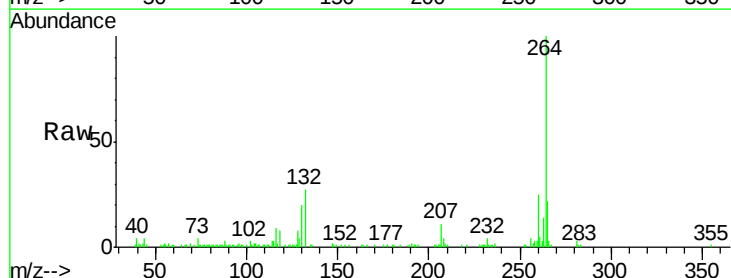
Tgt Ion:264 Resp: 95057

Ion Ratio Lower Upper

264 100

260 25.5 20.2 30.4

265 21.8 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

