

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 03:56:03 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

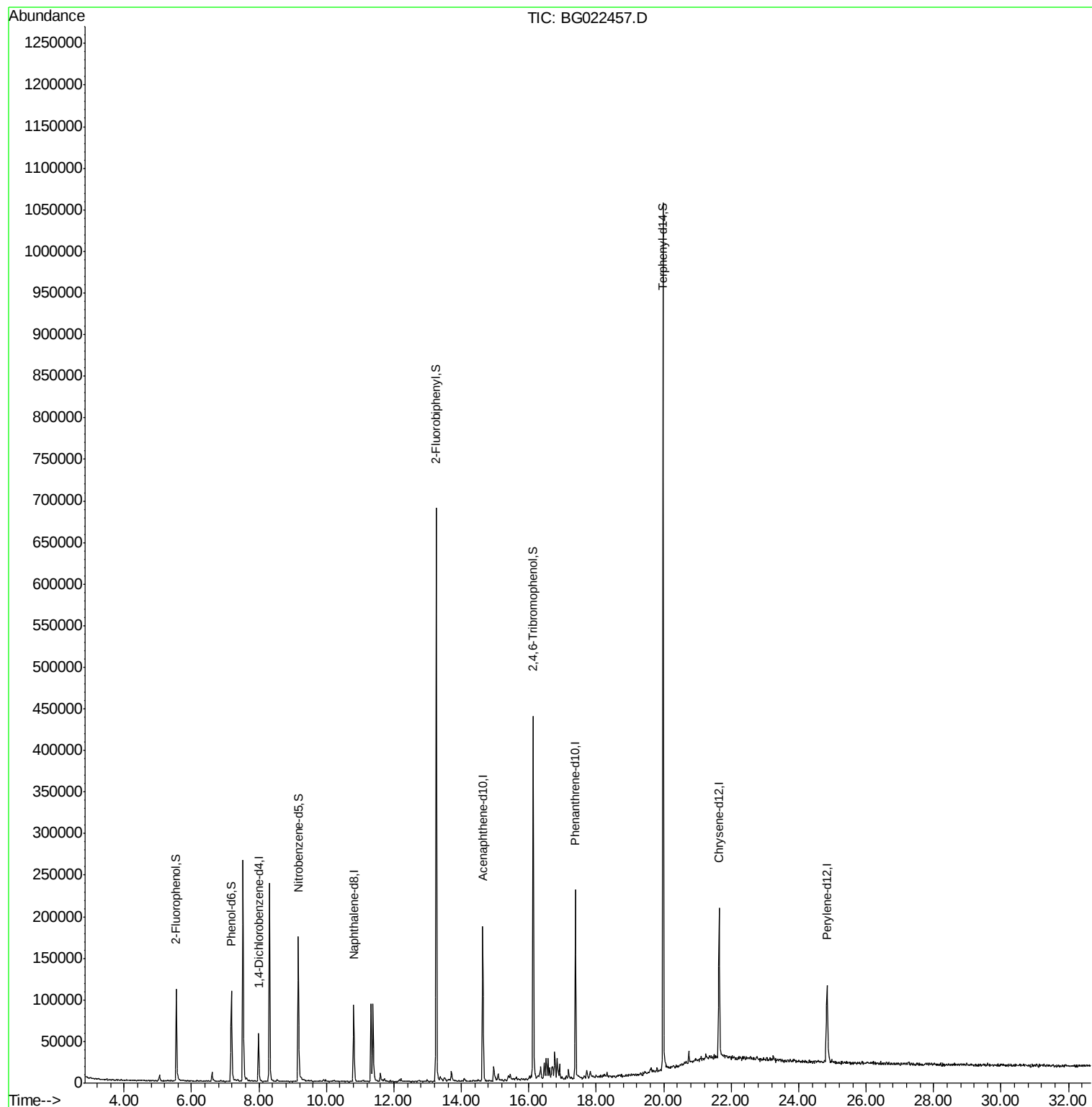
Target Compounds Qvalue

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

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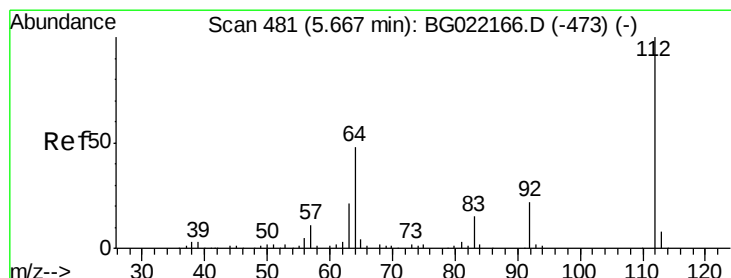
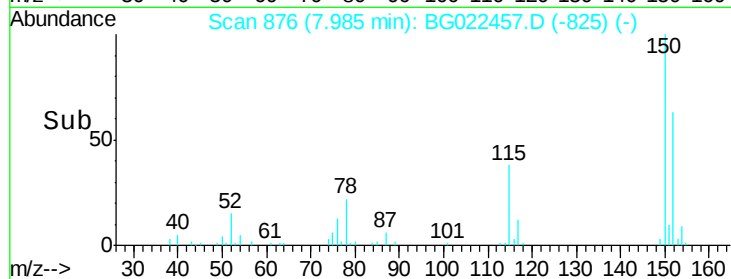
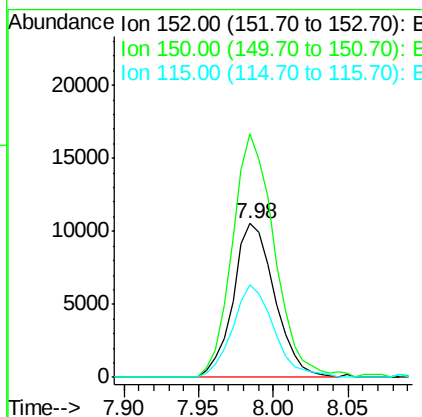
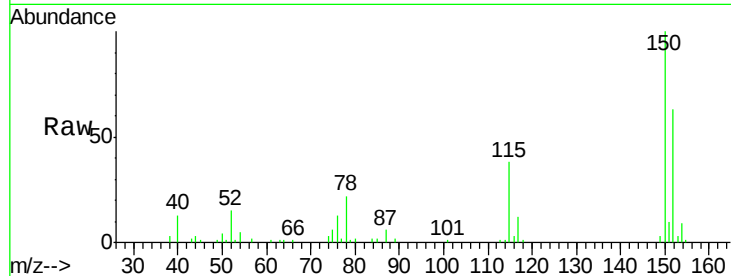


#1

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

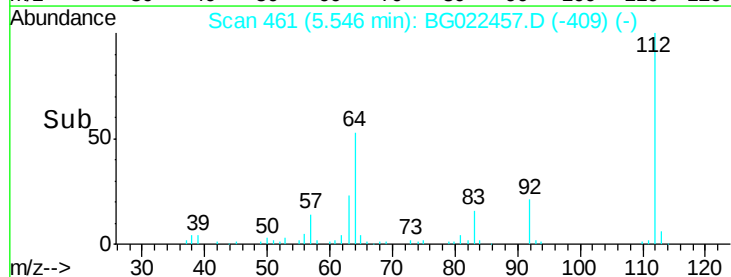
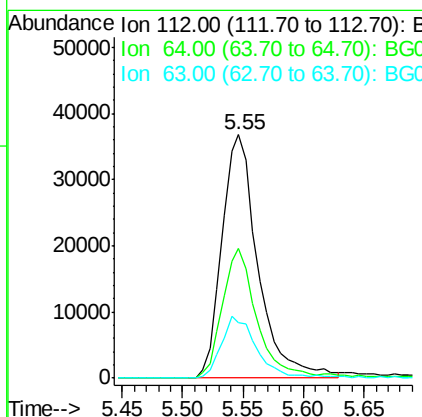
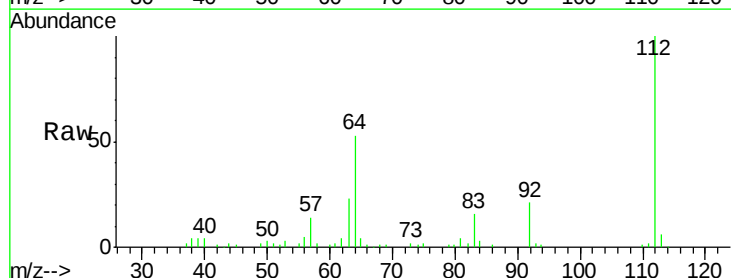
Tot Ion:152 Resp: 20380
Ion Ratio Lower Upper
152 100
150 158.2 130.1 195.1
115 59.9 62.2 93.2#



#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

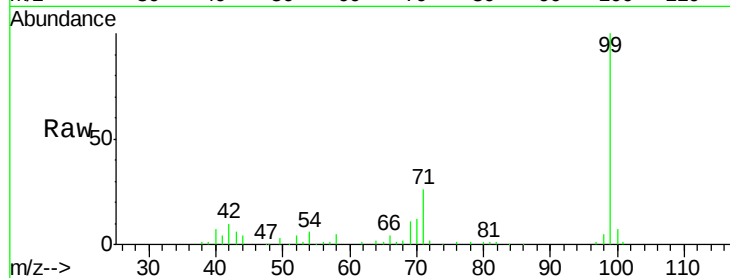
Tot Ion: 99 Resp: 101364

Ion Ratio Lower Upper

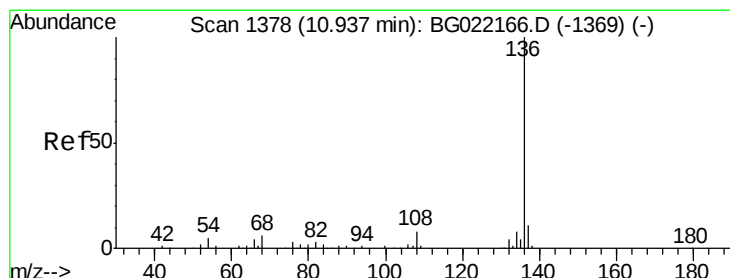
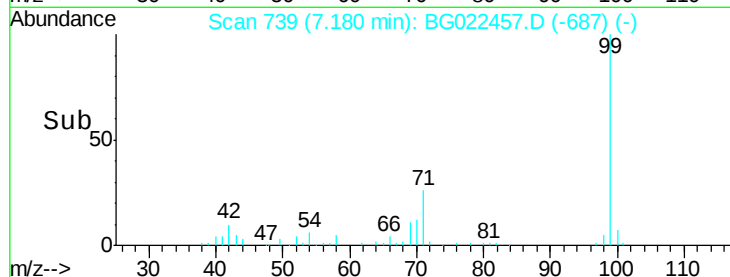
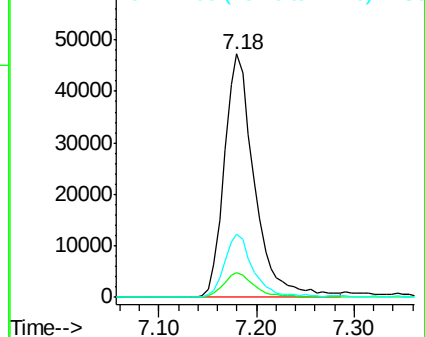
99 100

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

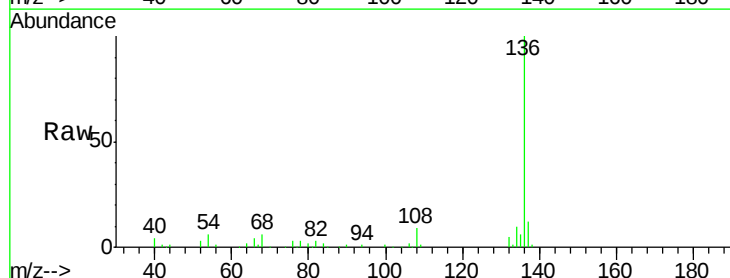
Ion Ratio Lower Upper

136 100

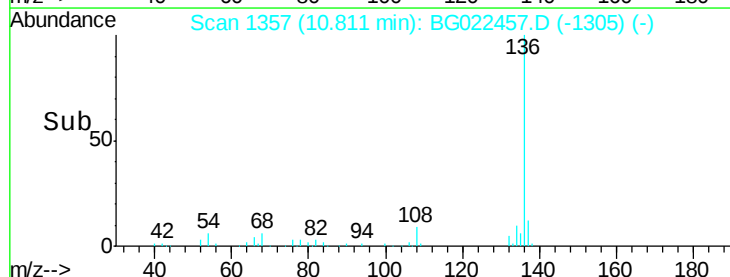
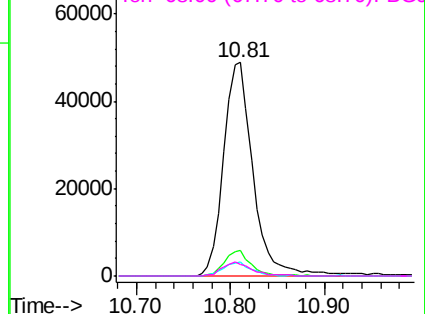
137 12.0 9.0 13.4

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

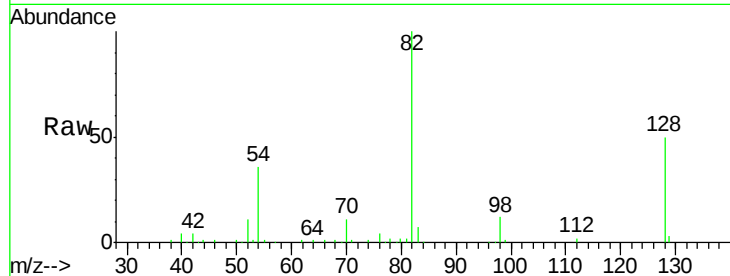




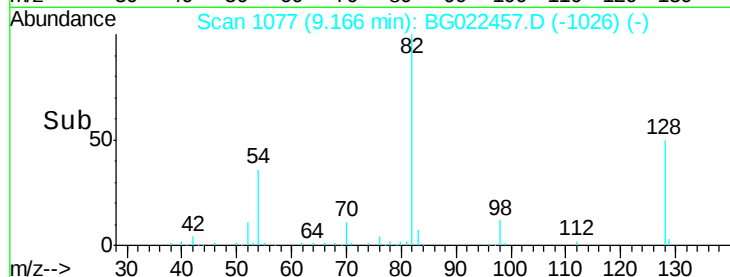
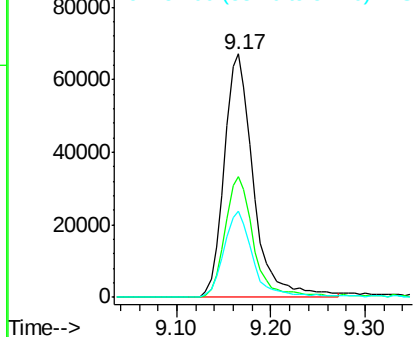
#23
 Nitrobenzene-d5
 Concen: 95.00 ng
 RT: 9.17 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BG022457.D
 Acq: 21 Jun 2016 1:41

Instrument :
 BNA_G
 ClientSampleID :
 W-33

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

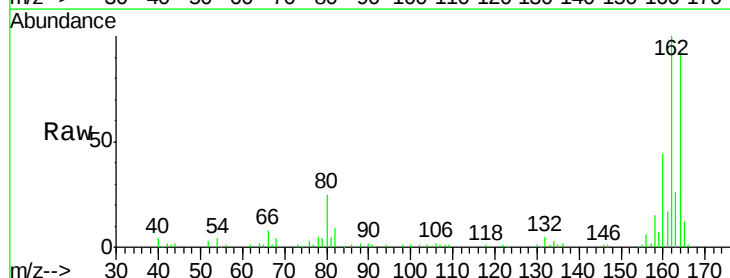


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

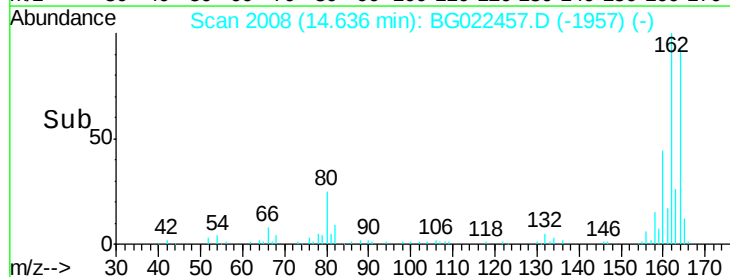
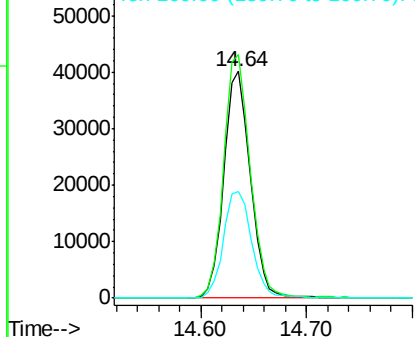


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.64 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG022457.D
 Acq: 21 Jun 2016 1:41

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

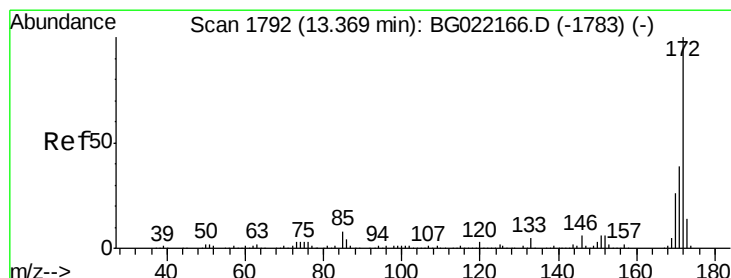
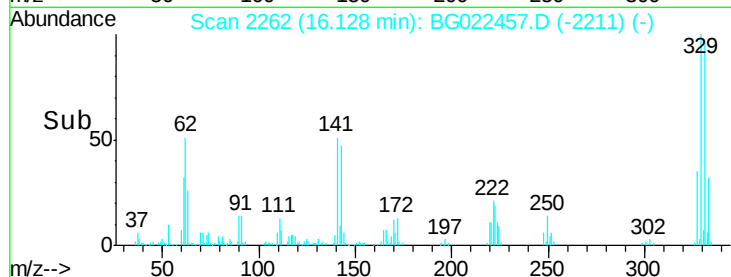
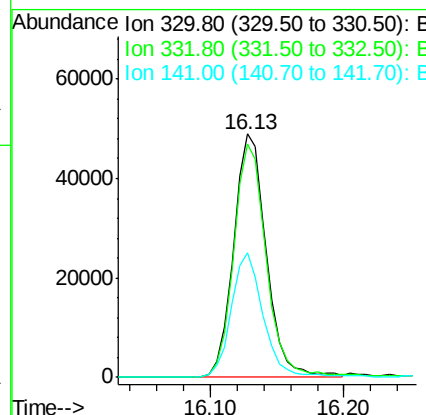
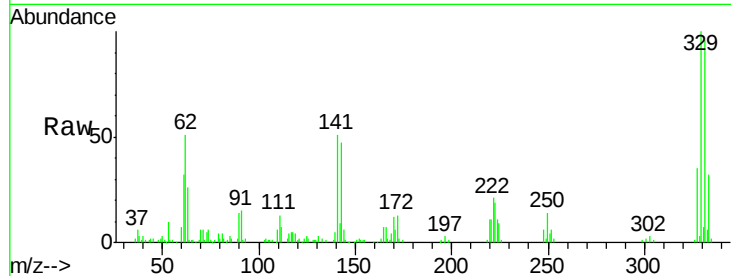




#41
 2,4,6-Tribromophenol
 Concen: 105.90 ng
 RT: 16.13 min Scan# 2262
 Delta R.T. -0.00 min
 Lab File: BG022457.D
 Acq: 21 Jun 2016 1:41

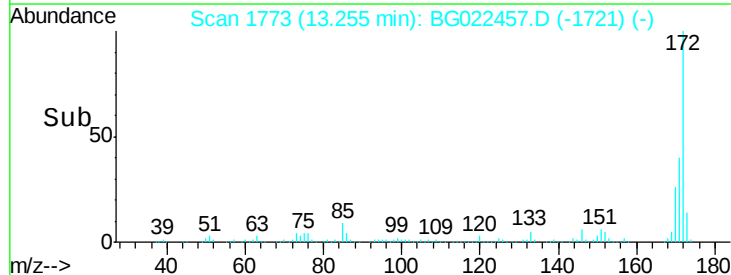
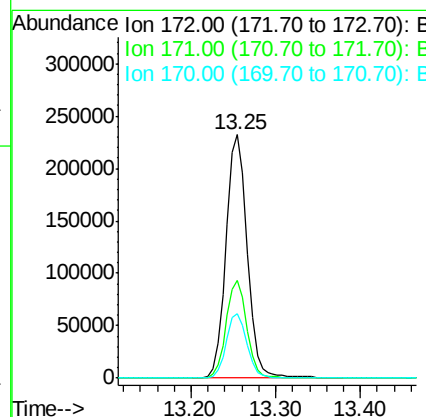
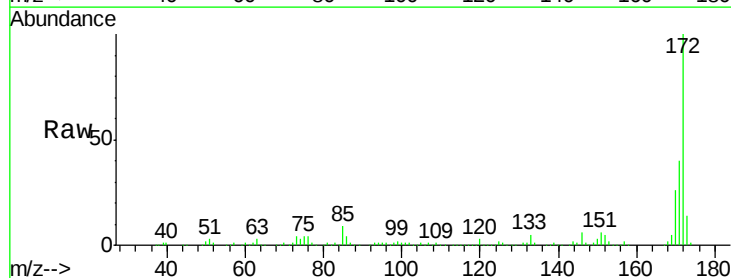
Instrument :
 BNA_G
 ClientSampleId :
 W-33

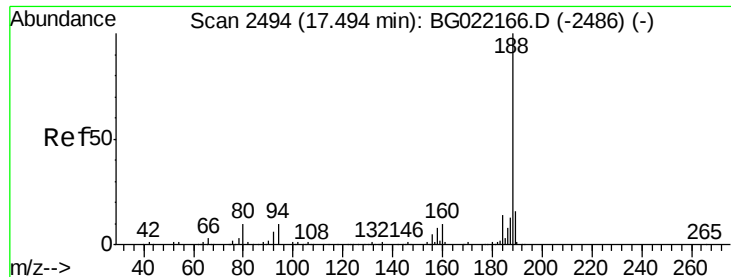
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.0	117.0
141	50.1	33.8	50.8



#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	Ratio	Lower	Upper
172	100		
171	40.2	27.8	41.6
170	26.2	19.6	29.4

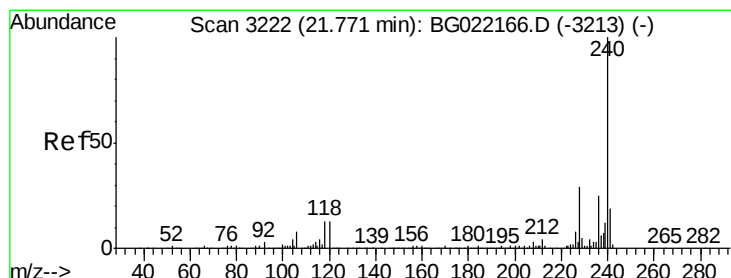
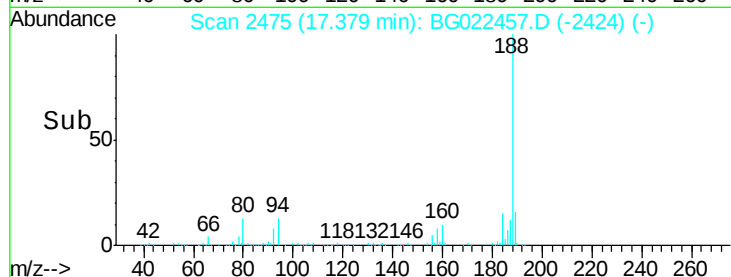
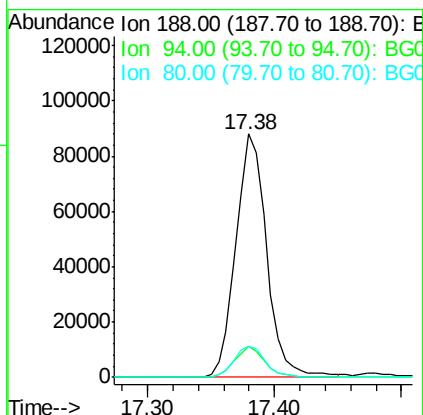
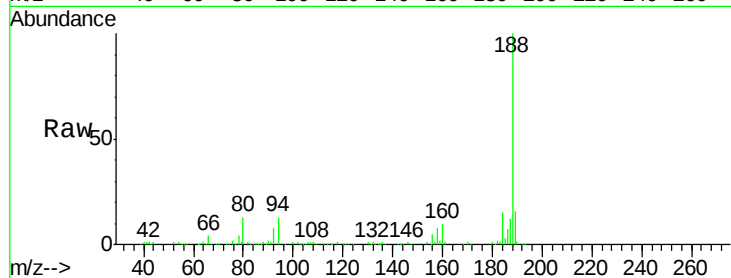




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022457.D
Acq: 21 Jun 2016 1:41

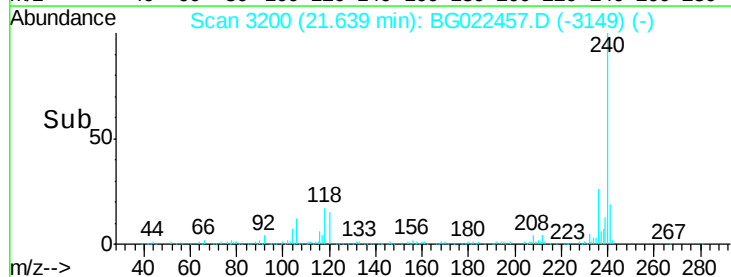
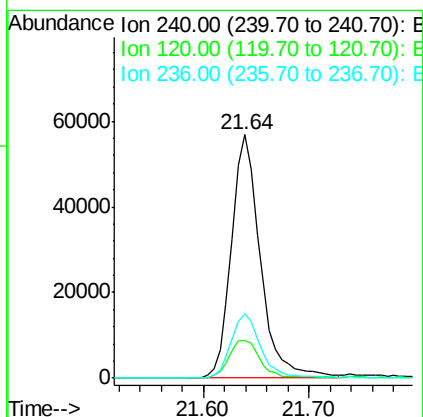
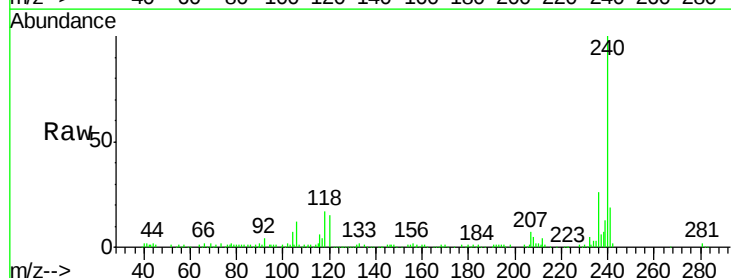
Instrument :
BNA_G
ClientSampleId :
W-33

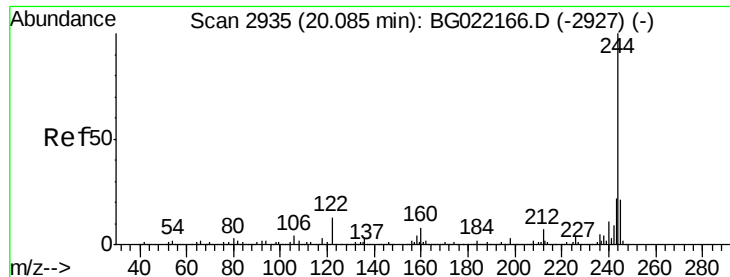
Tot Ion:188 Resp: 148243
Ion Ratio Lower Upper
188 100
94 12.8 7.5 11.3#
80 12.9 8.6 13.0



#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

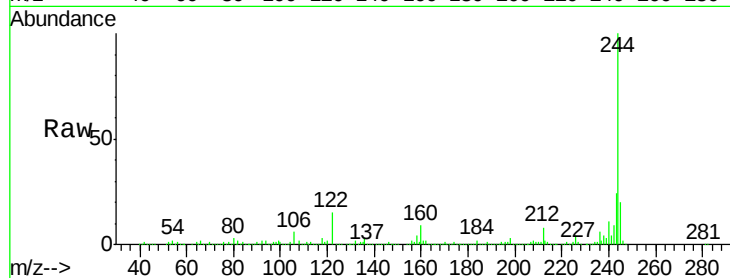
Tot Ion:244 Resp: 455418

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

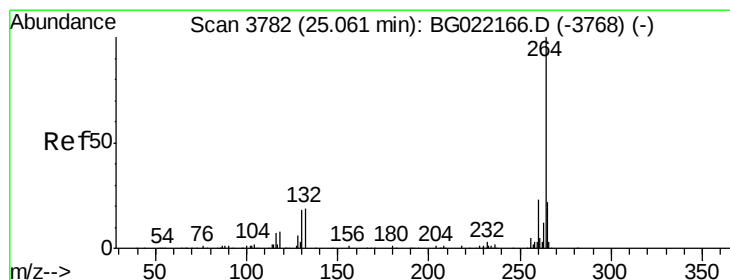
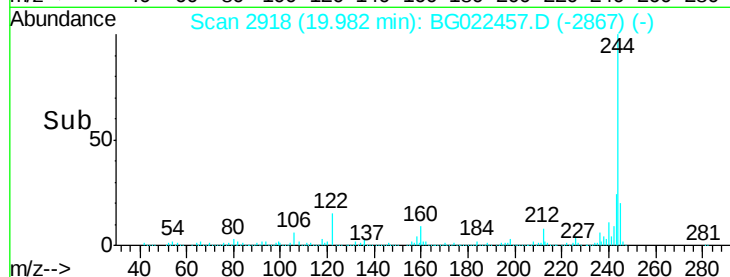
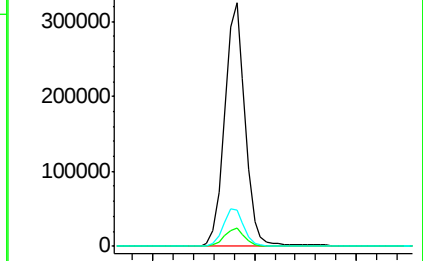
122 15.1 8.6 12.8#



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

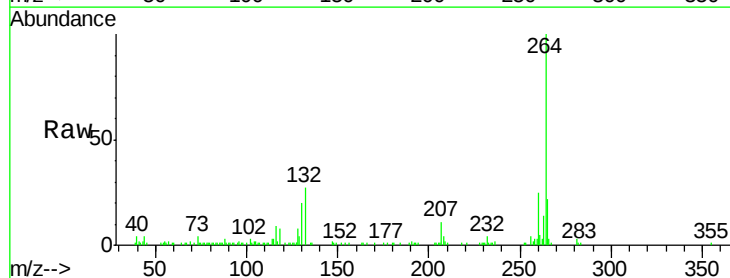
Tgt Ion:264 Resp: 95057

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

