

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120715\
 Data File : BG020005.D
 Acq On : 8 Dec 2015 6:34
 Operator : UM/NP
 Sample : G4676-17
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Quant Time: Dec 08 11:34:48 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18328	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	80196	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56167	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	132763	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	158042	20.00	ng	-0.04
86) Perylene-d12	25.03	264	149977	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	79441	78.34	ng	-0.01
7) Phenol-d6	7.26	99	71903	46.96	ng	-0.01
23) Nitrobenzene-d5	9.28	82	165516	105.33	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	116947	136.08	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	398537	96.88	ng	-0.02
78) Terphenyl-d14	20.09	244	631082	97.40	ng	-0.03

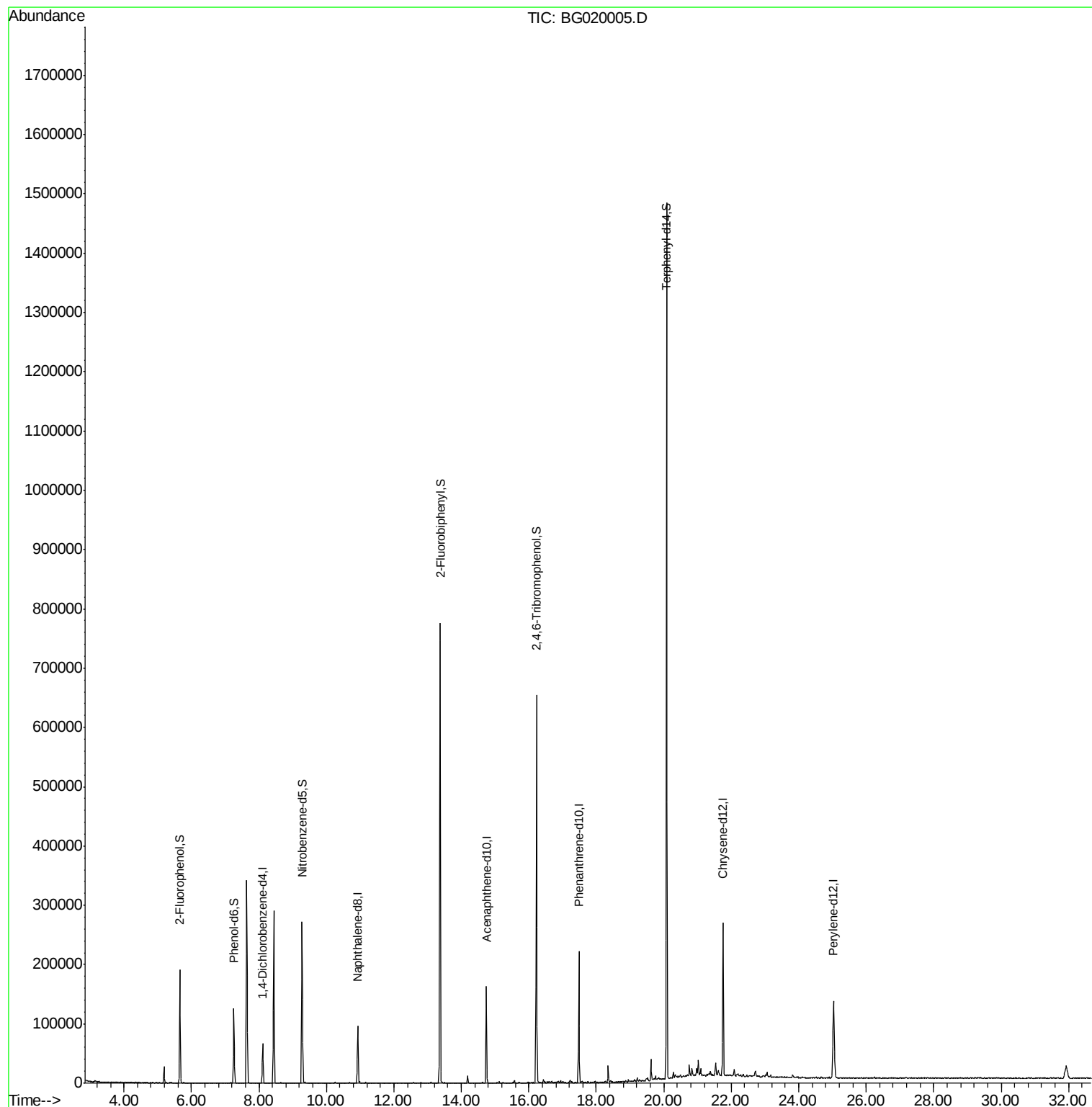
Target Compounds Qvalue

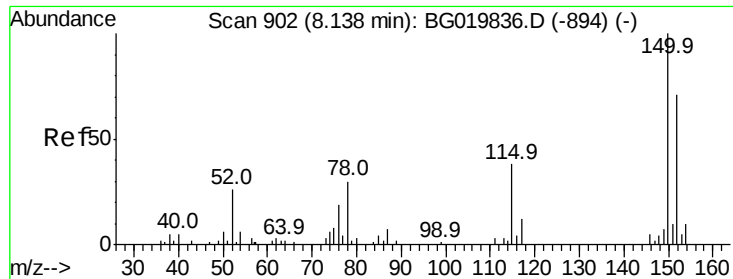
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020005.D

Acq: 8 Dec 2015 6:34

Instrument :

BNA_G

ClientSampleId :

MW-10

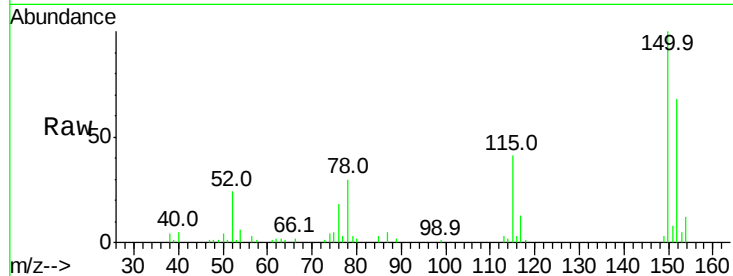
Tot Ion:152 Resp: 18328

Ion Ratio Lower Upper

152 100

150 146.2 115.0 172.4

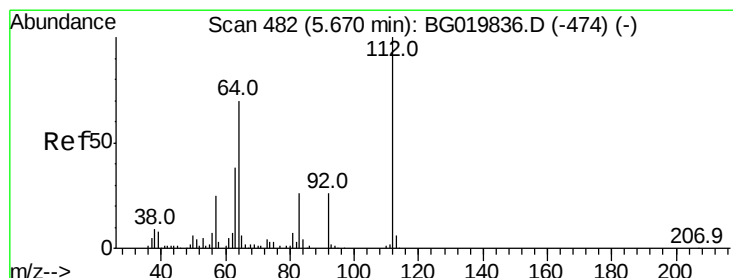
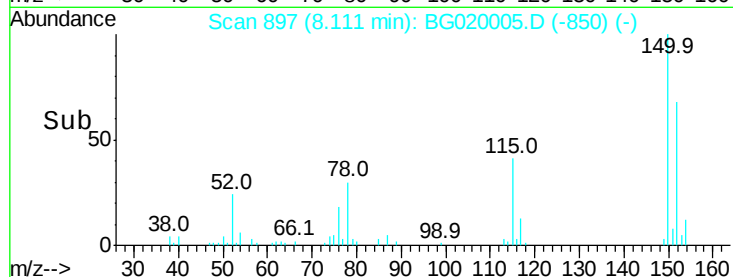
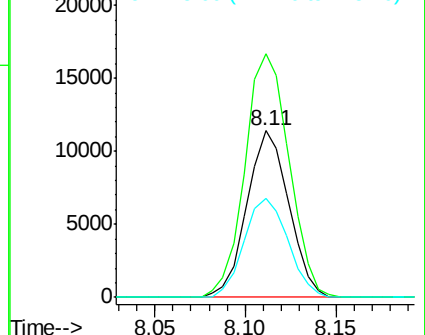
115 59.2 43.9 65.9



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: 78.34 ng

RT: 5.66 min Scan# 479

Delta R.T. -0.01 min

Lab File: BG020005.D

Acq: 8 Dec 2015 6:34

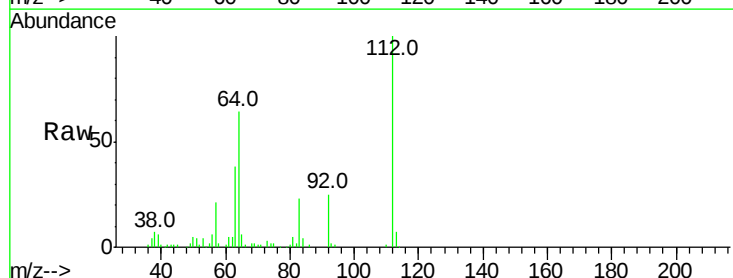
Tgt Ion:112 Resp: 79441

Ion Ratio Lower Upper

112 100

64 64.3 43.7 65.5

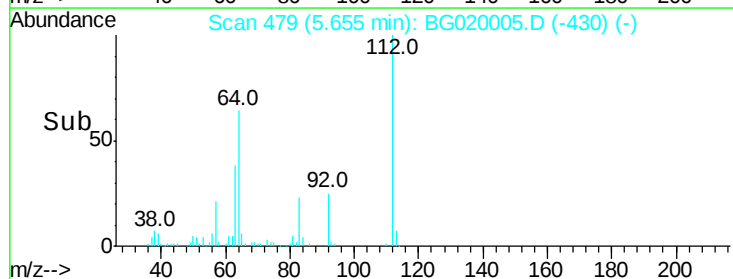
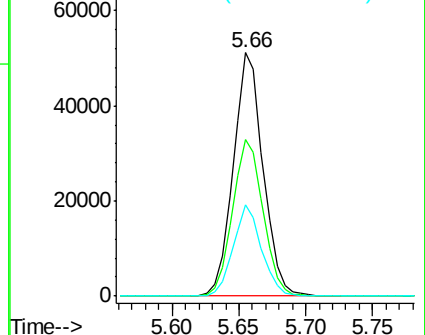
63 37.5 24.0 36.0#

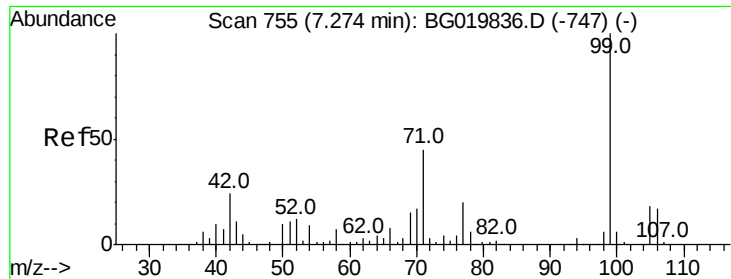


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 46.96 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

Lab File: BG020005.D

Acq: 8 Dec 2015 6:34

Instrument :

BNA_G

ClientSampled :

MW-10

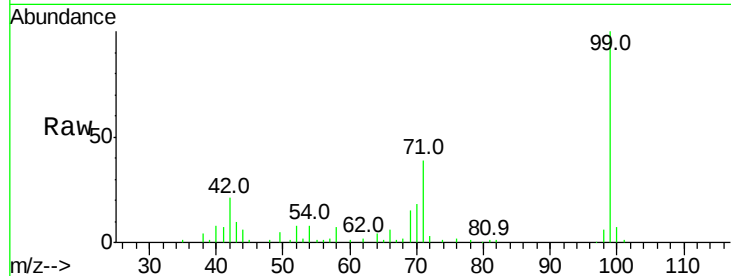
Tot Ion: 99 Resp: 71903

Ion Ratio Lower Upper

99 100

42 20.6 11.5 17.3#

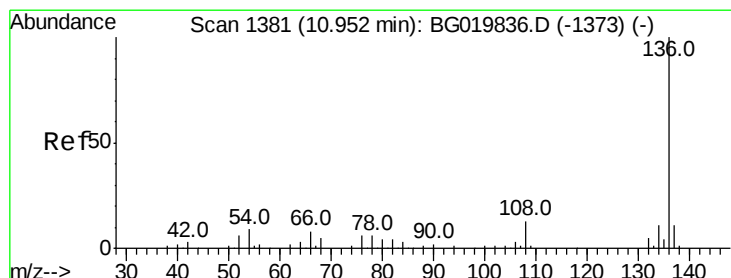
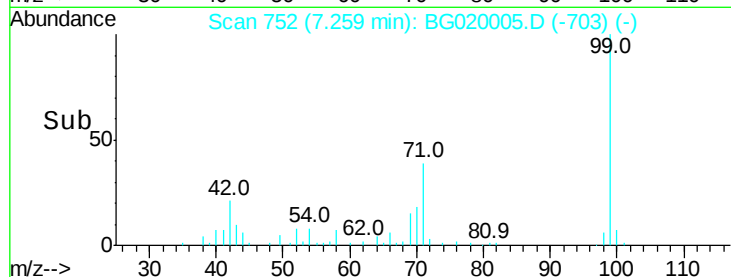
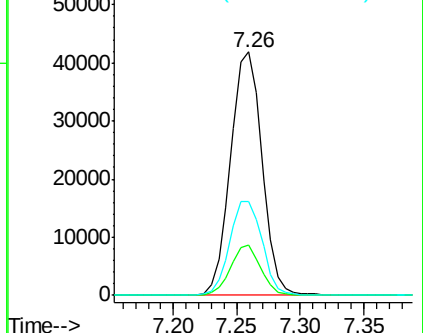
71 38.8 22.6 34.0#



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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020005.D

Acq: 8 Dec 2015 6:34

Tgt Ion: 136 Resp: 80196

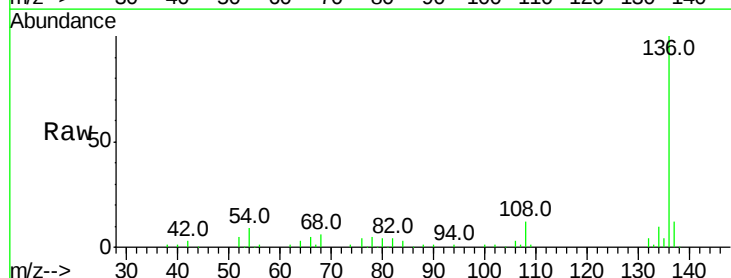
Ion Ratio Lower Upper

136 100

137 11.5 8.6 12.8

54 8.6 5.4 8.2#

68 5.9 5.3 7.9

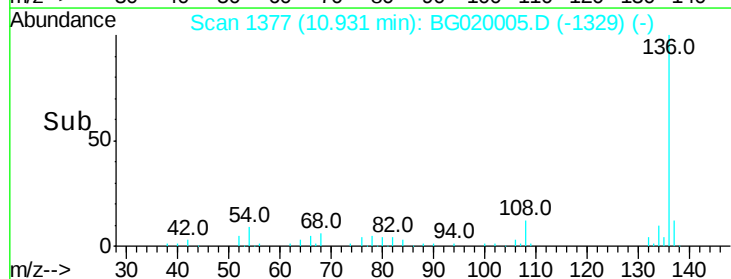
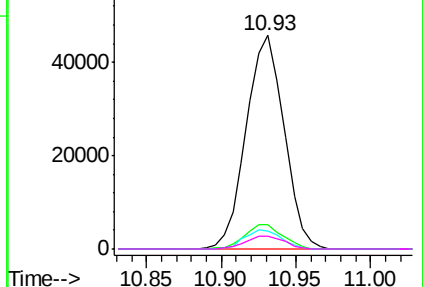


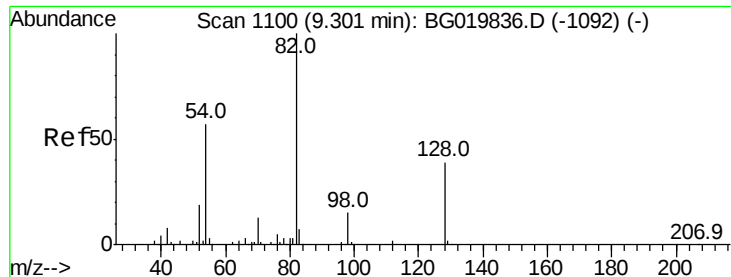
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

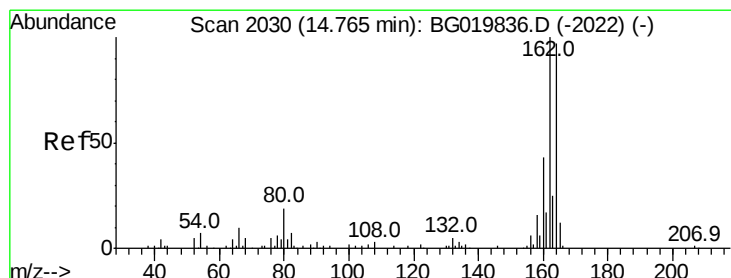
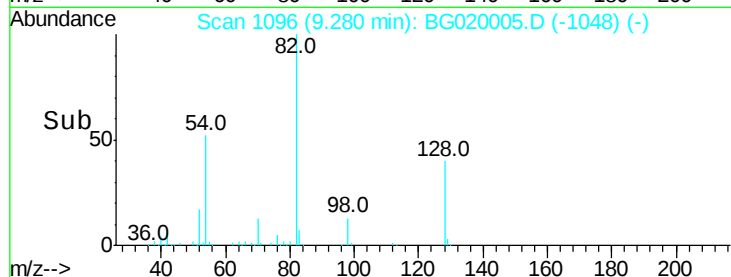
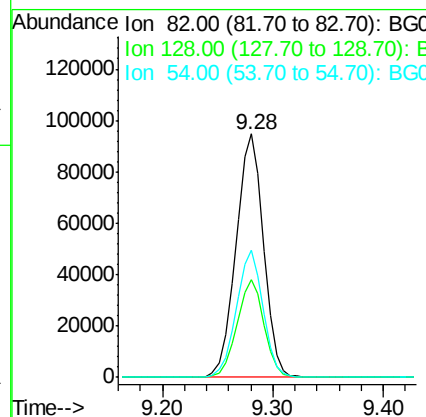
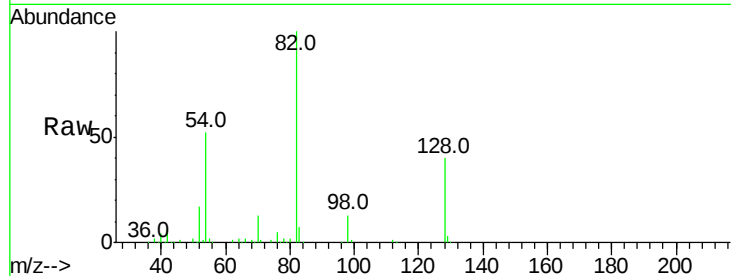




#23
 Nitrobenzene-d5
 Concen: 105.33 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020005.D
 Acq: 8 Dec 2015 6:34

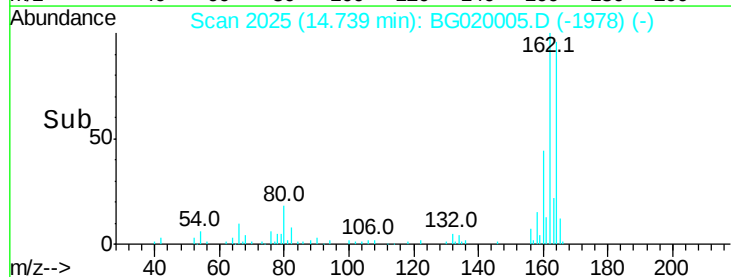
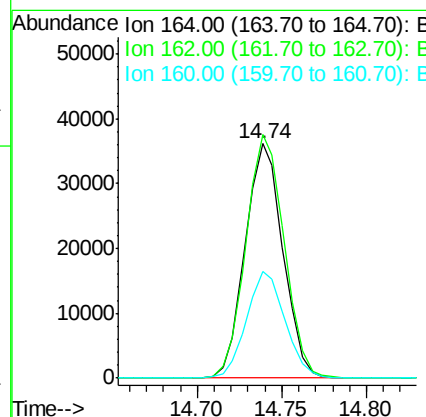
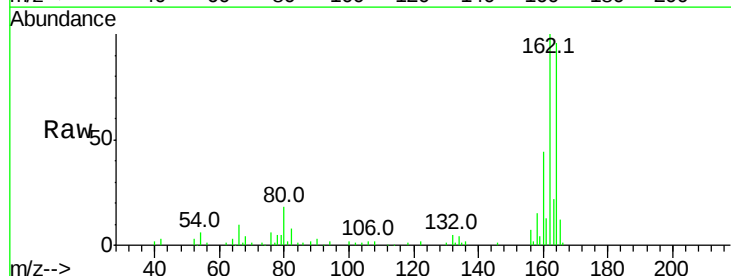
Instrument :
 BNA_G
 ClientSampleId :
 MW-10

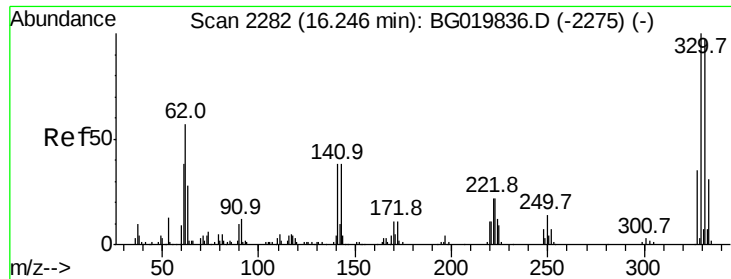
Tot Ion: 82 Resp: 165516
 Ion Ratio Lower Upper
 82 100
 128 40.2 36.7 55.1
 54 52.1 33.8 50.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2025
 Delta R.T. -0.03 min
 Lab File: BG020005.D
 Acq: 8 Dec 2015 6:34

Tgt Ion: 164 Resp: 56167
 Ion Ratio Lower Upper
 164 100
 162 103.9 78.8 118.2
 160 45.4 36.4 54.6

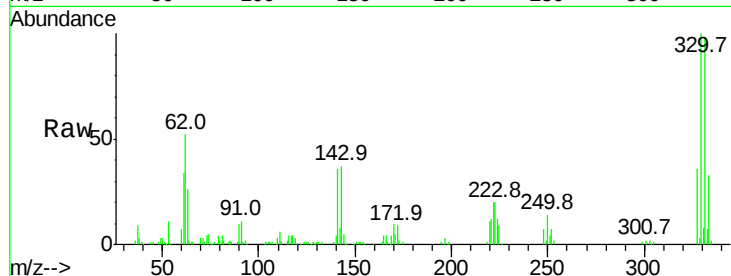




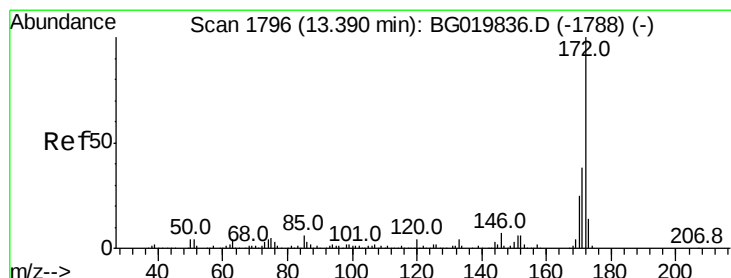
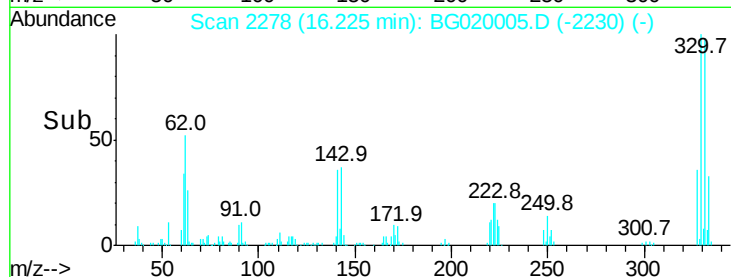
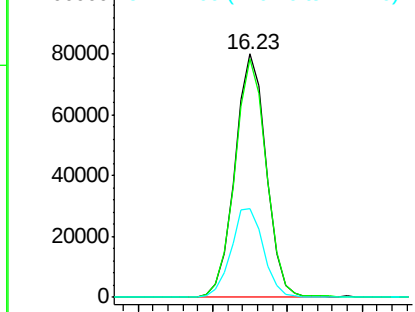
#41
 2,4,6-Tribromophenol
 Concen: 136.08 ng
 RT: 16.23 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020005.D
 Acq: 8 Dec 2015 6:34

Instrument :
 BNA_G
 ClientSampleId :
 MW-10

Tot Ion:330 Resp: 116947
 Ion Ratio Lower Upper
 330 100
 332 98.4 78.1 117.1
 141 37.8 28.2 42.2

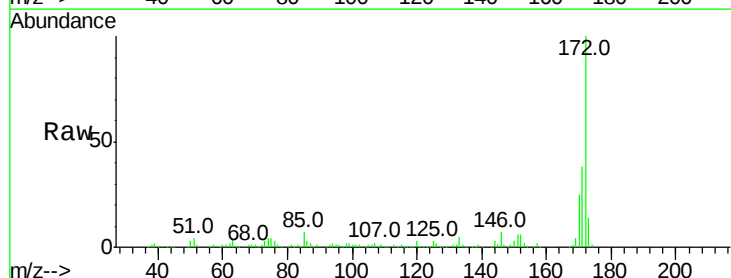


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

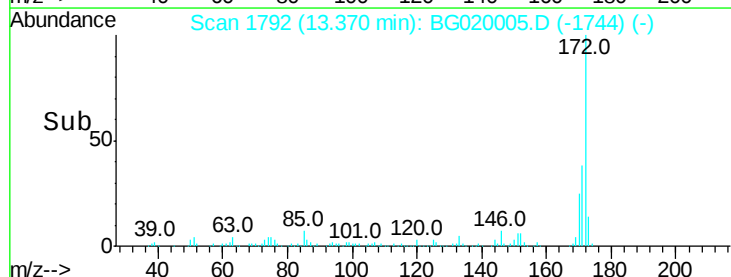
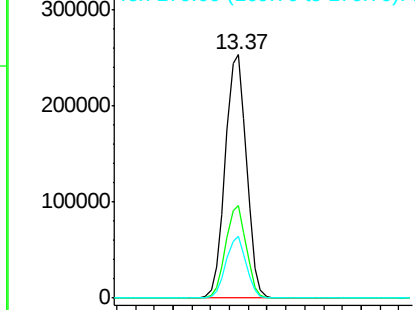


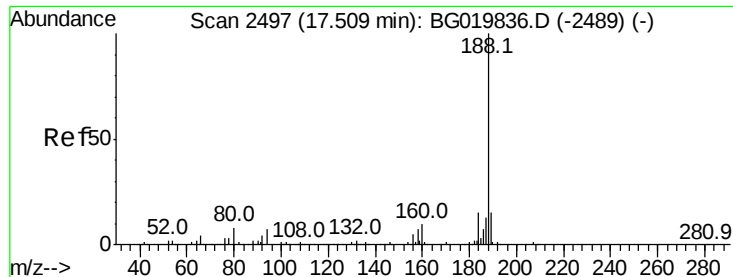
#44
 2-Fluorobiphenyl
 Concen: 96.88 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020005.D
 Acq: 8 Dec 2015 6:34

Tgt Ion:172 Resp: 398537
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.0 43.6
 170 25.4 19.9 29.9



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

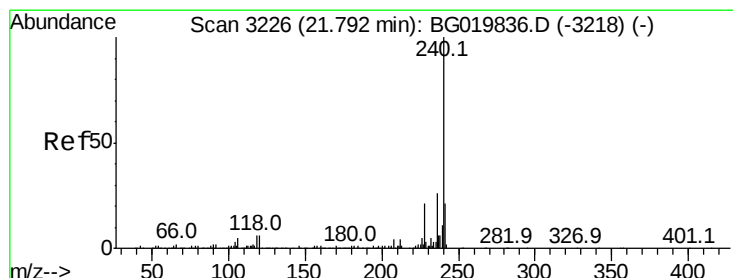
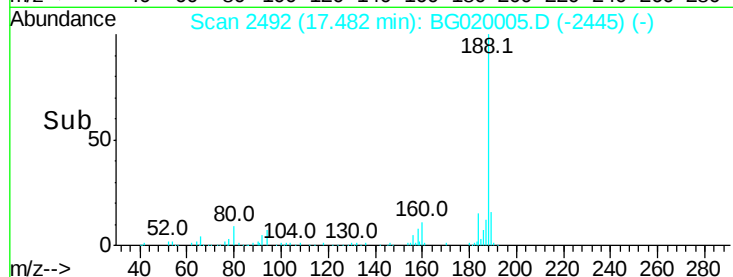
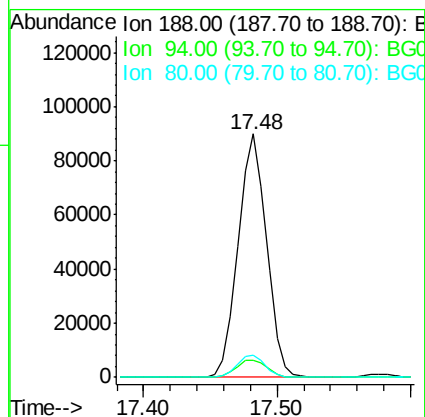
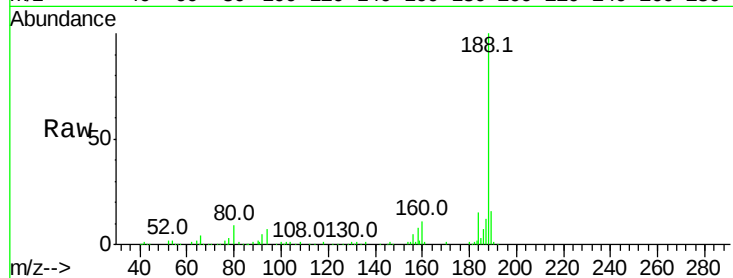




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020005.D
Acq: 8 Dec 2015 6:34

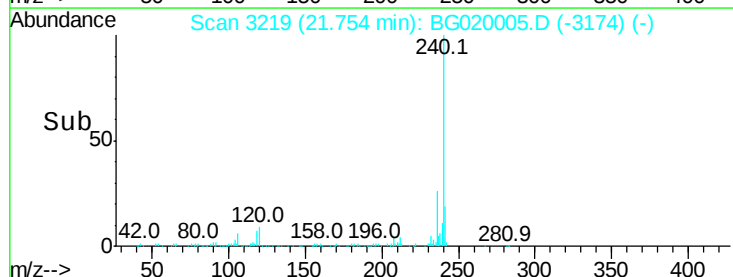
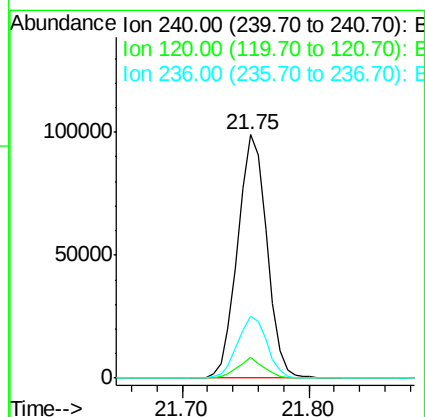
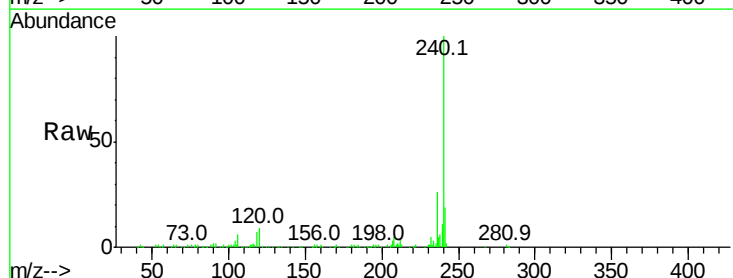
Instrument :
BNA_G
ClientSampleId :
MW-10

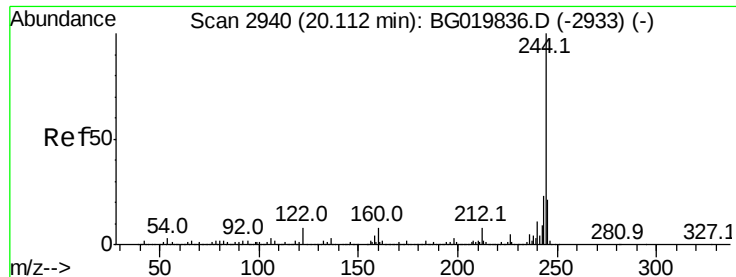
Tot Ion:188 Resp: 132763
Ion Ratio Lower Upper
188 100
94 7.2 7.7 11.5#
80 9.1 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020005.D
Acq: 8 Dec 2015 6:34

Tgt Ion:240 Resp: 158042
Ion Ratio Lower Upper
240 100
120 8.6 7.4 11.0
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 97.40 ng

RT: 20.09 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020005.D

Acq: 8 Dec 2015 6:34

Instrument :

BNA_G

ClientSampleId :

MW-10

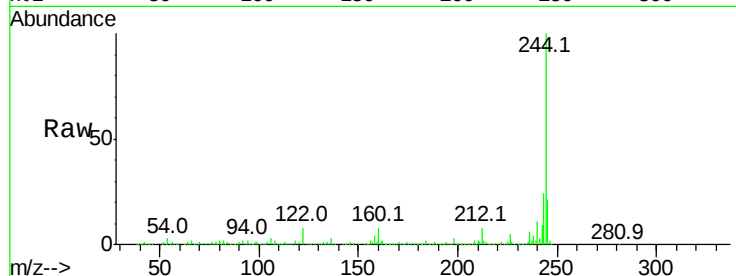
Tot Ion:244 Resp: 631082

Ion Ratio Lower Upper

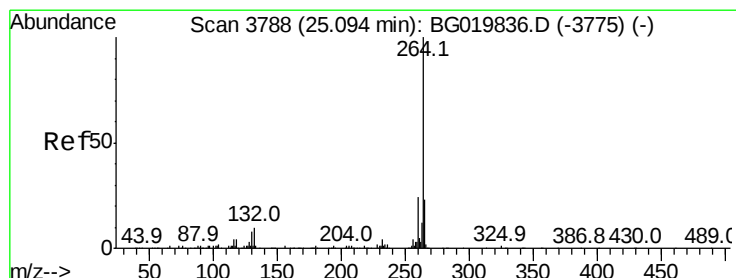
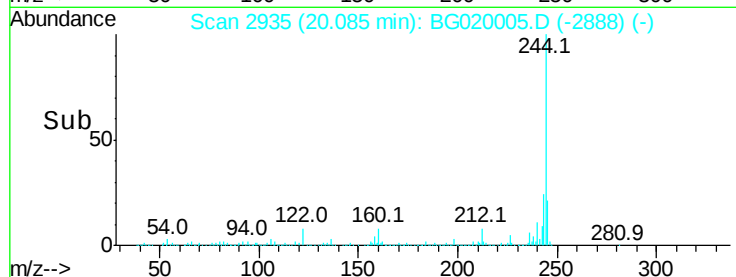
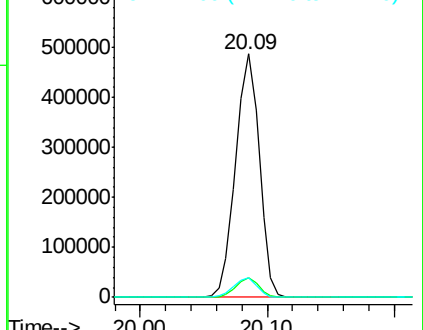
244 100

212 8.2 6.9 10.3

122 8.3 10.2 15.2#



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: 25.03 min Scan# 3777

Delta R.T. -0.06 min

Lab File: BG020005.D

Acq: 8 Dec 2015 6:34

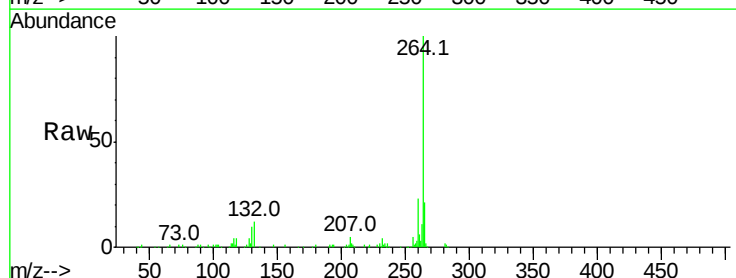
Tgt Ion:264 Resp: 149977

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 20.8 17.2 25.8



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

