

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020980.D
 Acq On : 19 Feb 2016 20:15
 Operator : SJ/UM
 Sample : H1509-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-FD

Quant Time: Feb 19 22:20:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

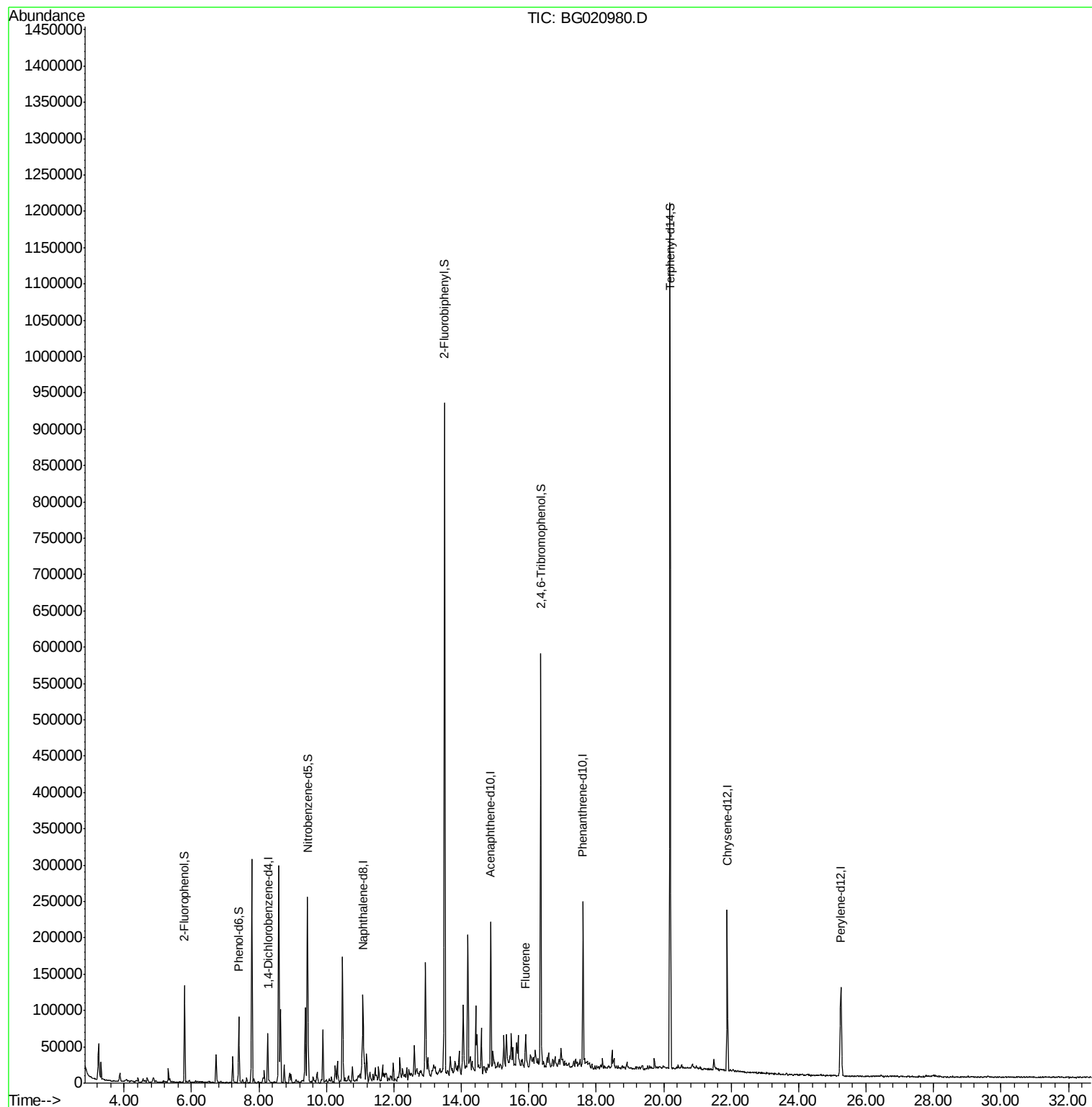
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20934	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	111274	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	68300	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	135697	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	125515	20.00	ng	-0.02
86) Perylene-d12	25.25	264	120165	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	75395	60.65	ng	0.00
7) Phenol-d6	7.40	99	68165	37.52	ng	0.00
23) Nitrobenzene-d5	9.43	82	166362	98.30	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	111187	165.54	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	484624	99.67	ng	-0.01
78) Terphenyl-d14	20.18	244	514123	95.56	ng	-0.02
Target Compounds						
57) Fluorene	15.91	166	13492	2.44	ng	Qvalue 98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 923

Delta R.T. -0.01 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

Instrument :

BNA_G

ClientSampleId :

MW-1-FD

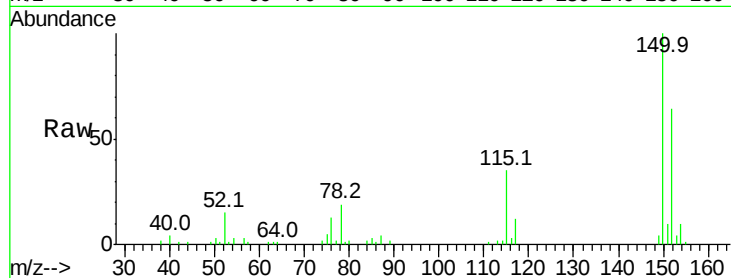
Tot Ion:152 Resp: 20934

Ion Ratio Lower Upper

152 100

150 156.8 122.0 183.0

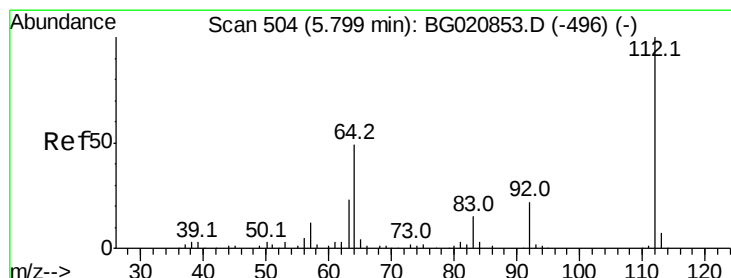
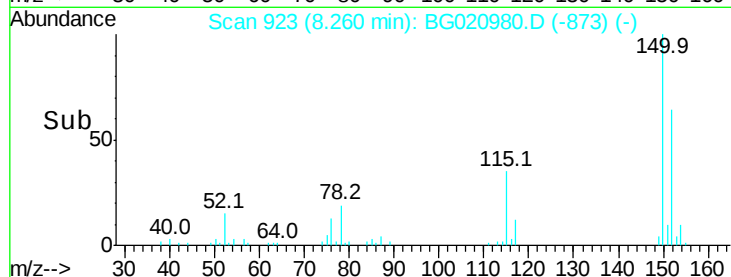
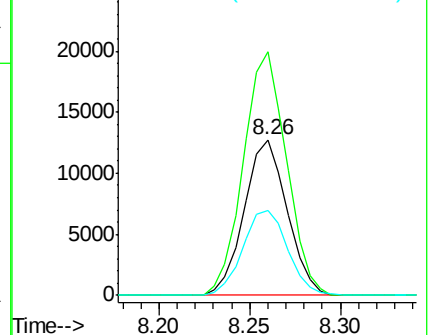
115 54.8 45.2 67.8



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: 60.65 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.01 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

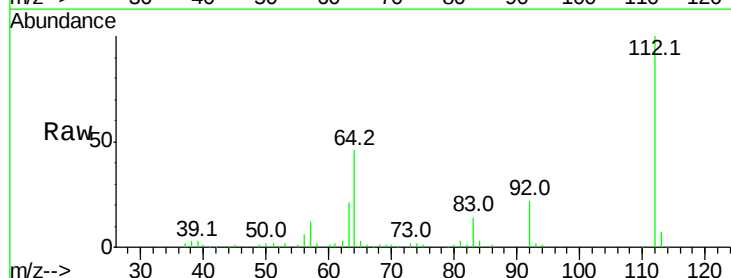
Tgt Ion:112 Resp: 75395

Ion Ratio Lower Upper

112 100

64 45.6 39.3 58.9

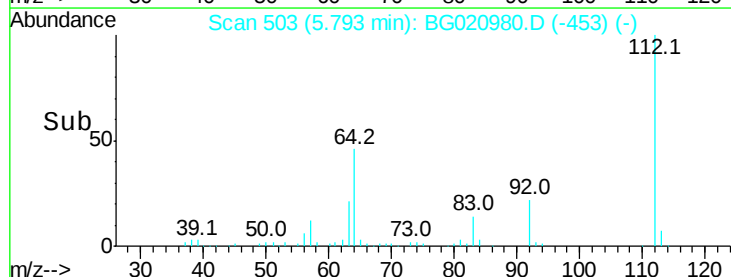
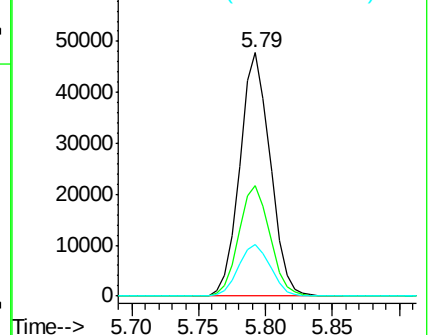
63 21.3 18.2 27.4



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: 37.52 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

Instrument :

BNA_G

ClientSampleId :

MW-1-FD

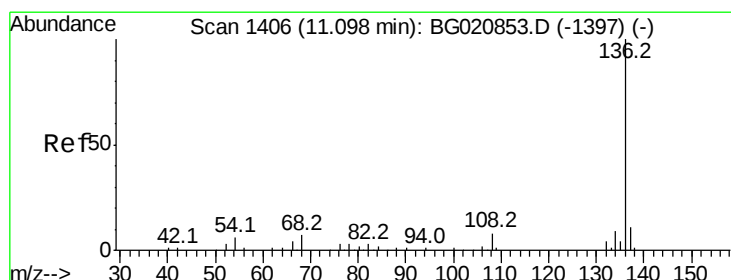
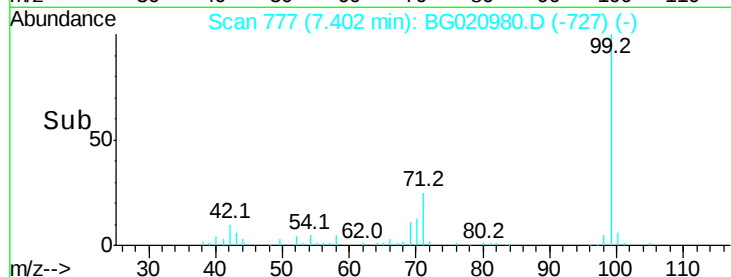
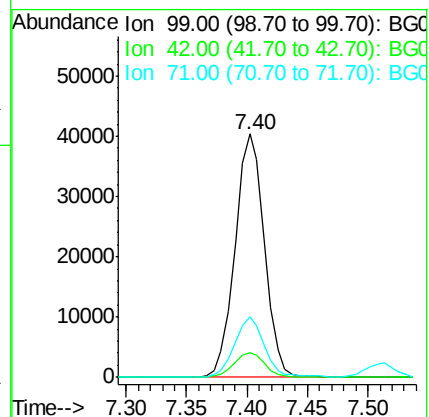
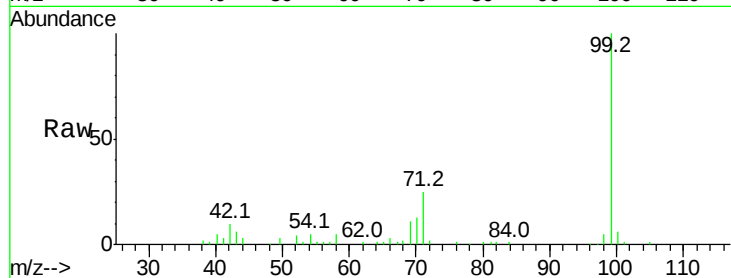
Tot Ion: 99 Resp: 68165

Ion Ratio Lower Upper

99 100

42 10.1 8.4 12.6

71 24.9 19.4 29.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

Tgt Ion: 136 Resp: 111274

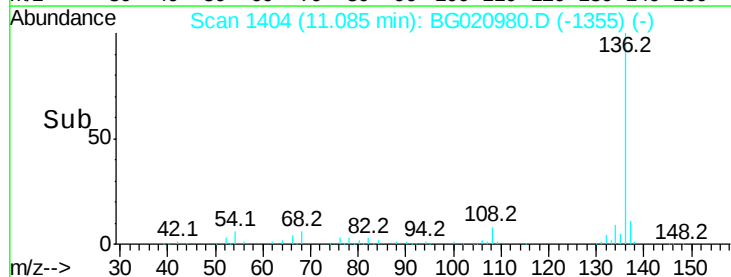
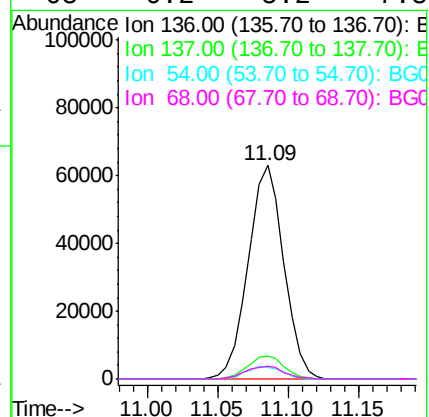
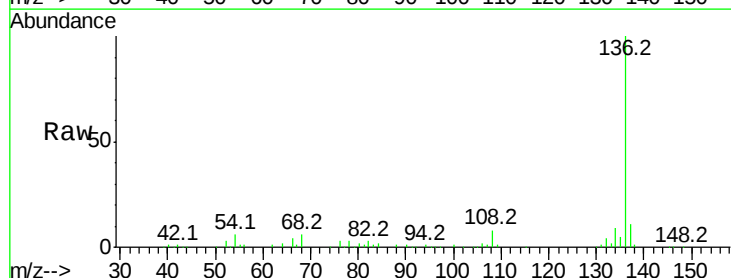
Ion Ratio Lower Upper

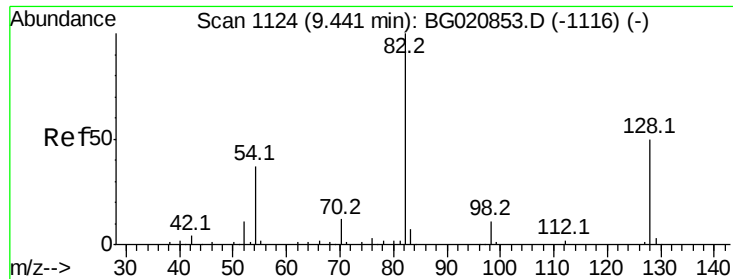
136 100

137 10.6 8.8 13.2

54 5.6 5.0 7.4

68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 98.30 ng

RT: 9.43 min Scan# 1123

Delta R.T. -0.01 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

Instrument :

BNA_G

ClientSampleId :

MW-1-FD

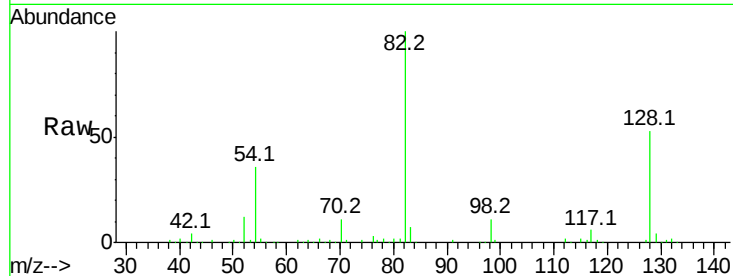
Tot Ion: 82 Resp: 166362

Ion Ratio Lower Upper

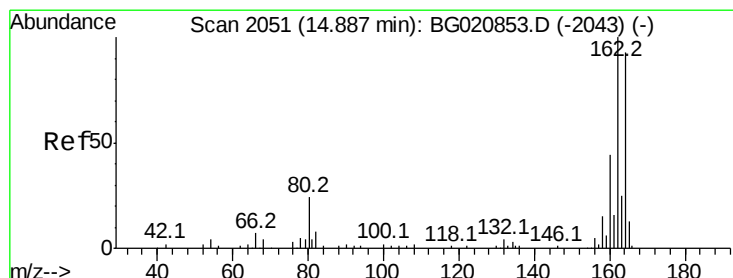
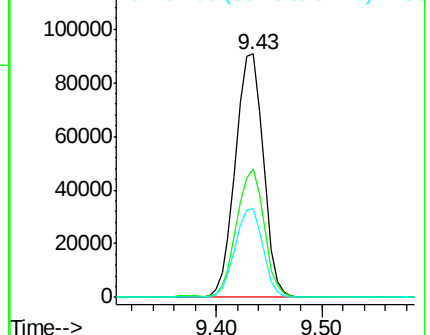
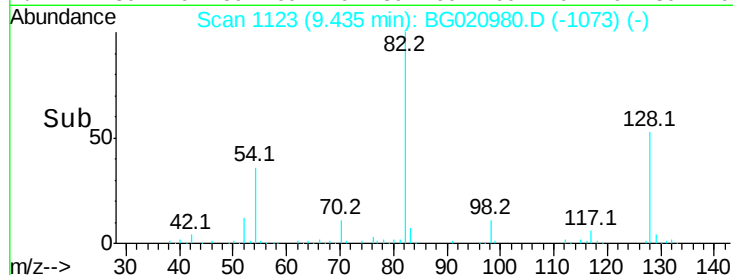
82 100

128 52.7 40.1 60.1

54 36.3 29.5 44.3



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: 14.87 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

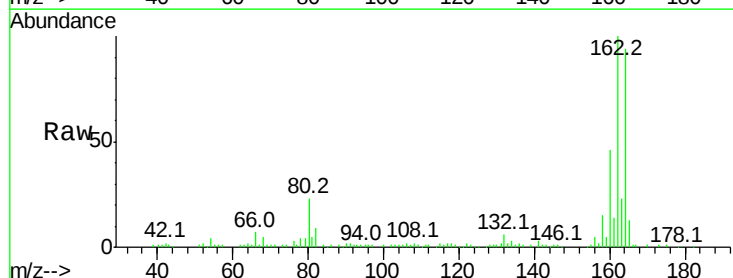
Tgt Ion:164 Resp: 68300

Ion Ratio Lower Upper

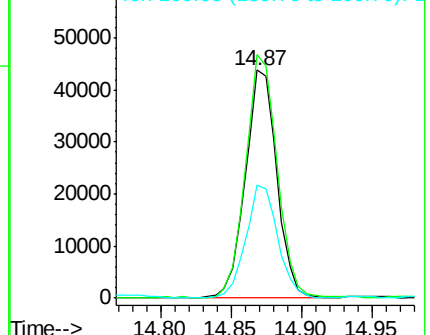
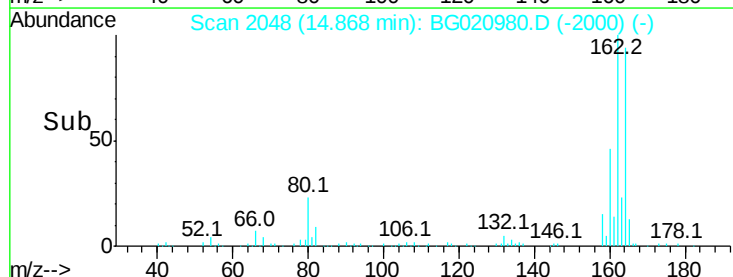
164 100

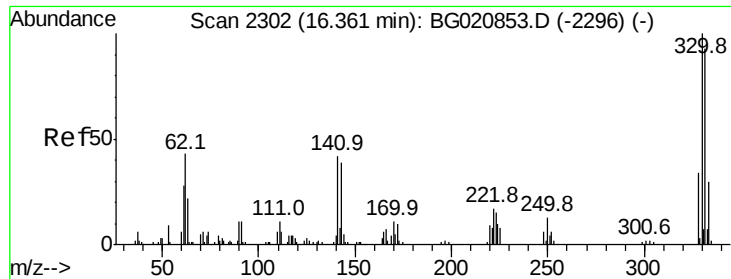
162 106.8 85.7 128.5

160 49.6 37.4 56.0



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

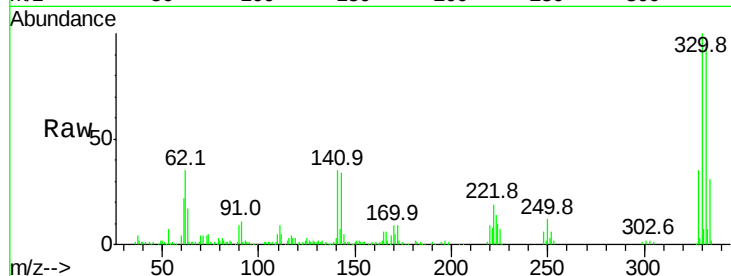




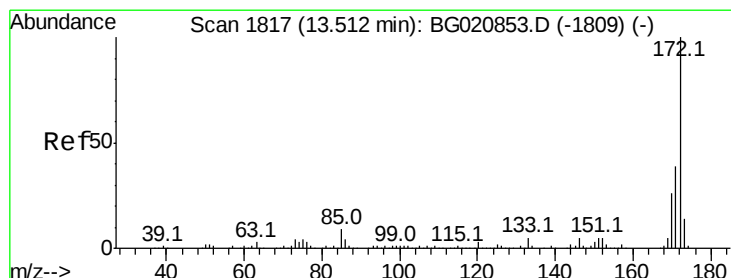
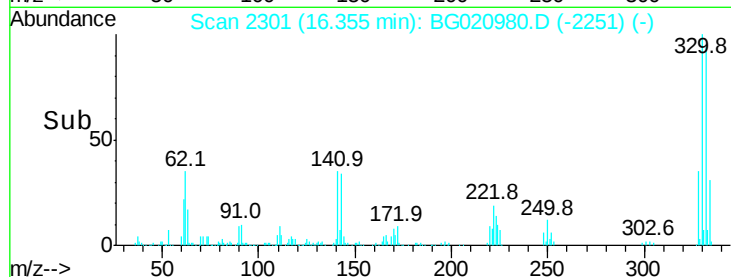
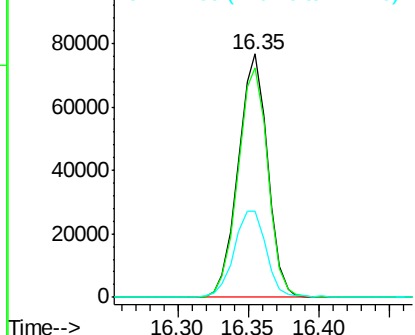
#41
 2,4,6-Tribromophenol
 Concen: 165.54 ng
 RT: 16.35 min Scan# 2301
 Delta R.T. -0.01 min
 Lab File: BG020980.D
 Acq: 19 Feb 2016 20:15

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-FD

Tot Ion:330 Resp: 111187
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.1 114.1
 141 37.7 32.0 48.0

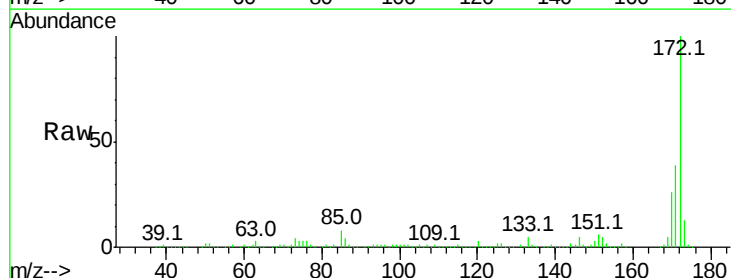


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

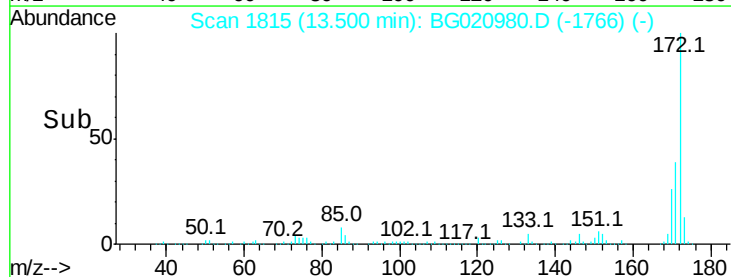
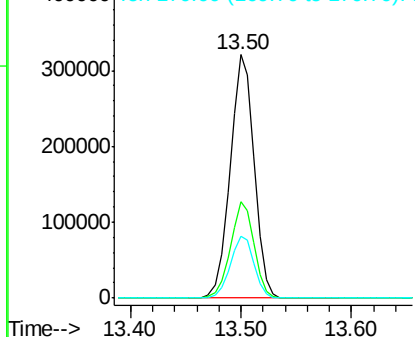


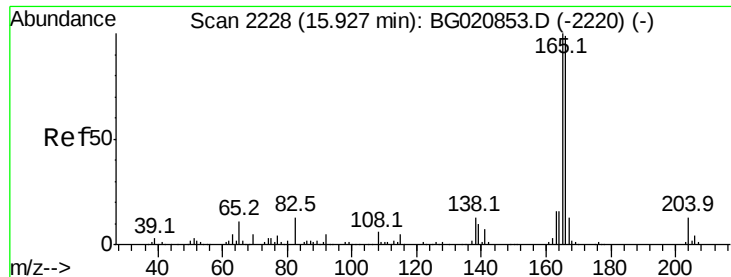
#44
 2-Fluorobiphenyl
 Concen: 99.67 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020980.D
 Acq: 19 Feb 2016 20:15

Tgt Ion:172 Resp: 484624
 Ion Ratio Lower Upper
 172 100
 171 39.4 31.2 46.8
 170 25.6 20.6 30.8



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





#57

Fluorene

Concen: 2.44 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.02 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

Instrument :

BNA_G

ClientSampleId :

MW-1-FD

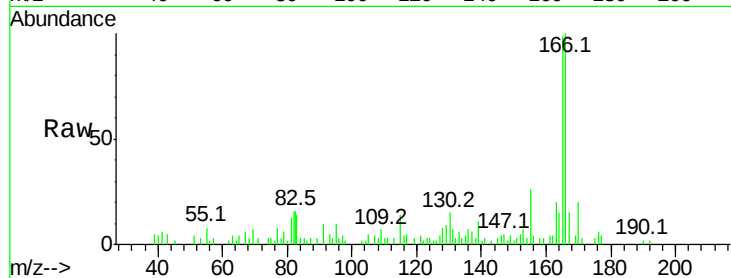
Tot Ion:166 Resp: 13492

Ion Ratio Lower Upper

166 100

165 99.4 81.0 121.4

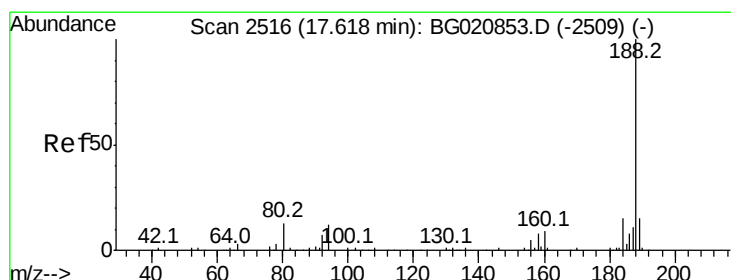
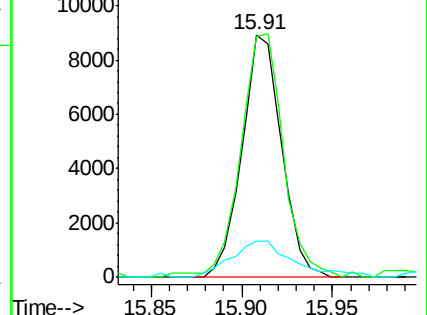
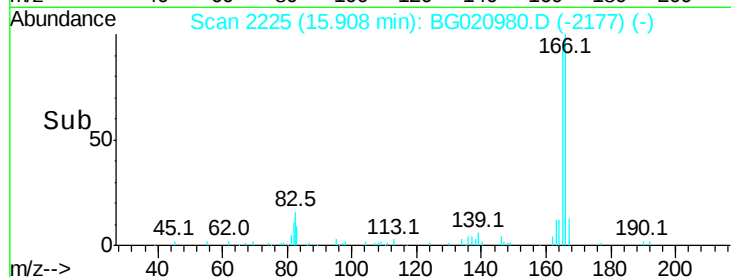
167 15.2 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG020980.D

Acq: 19 Feb 2016 20:15

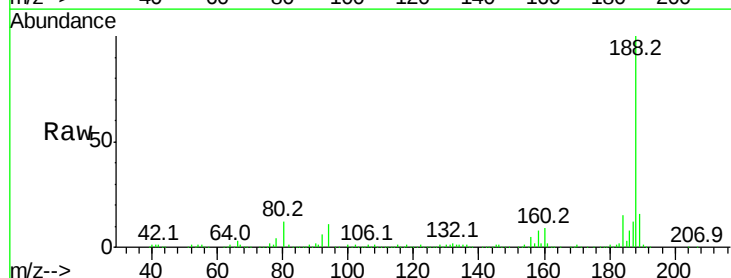
Tgt Ion:188 Resp: 135697

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.0

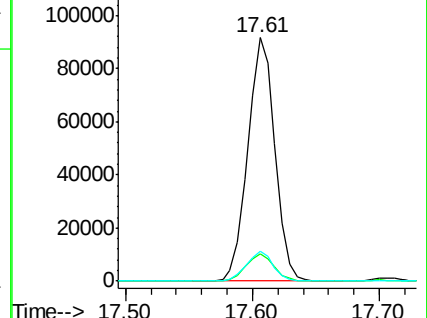
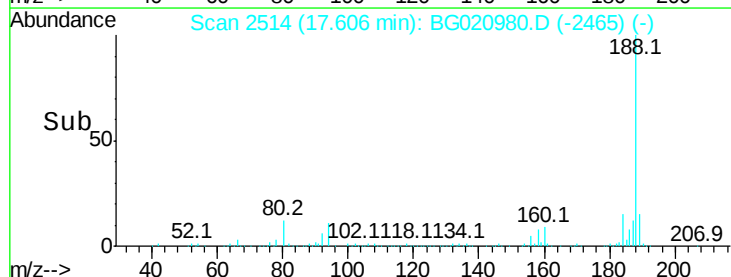
80 12.4 10.2 15.4

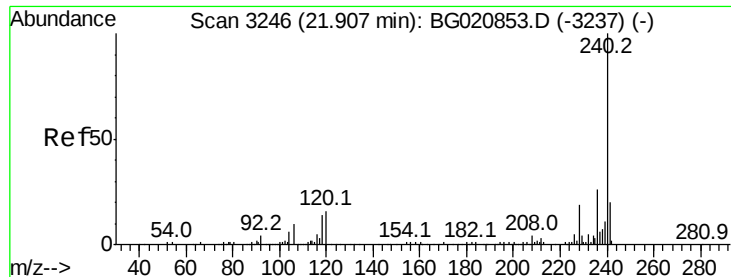


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

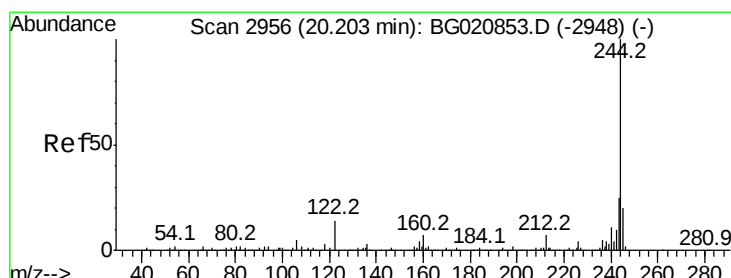
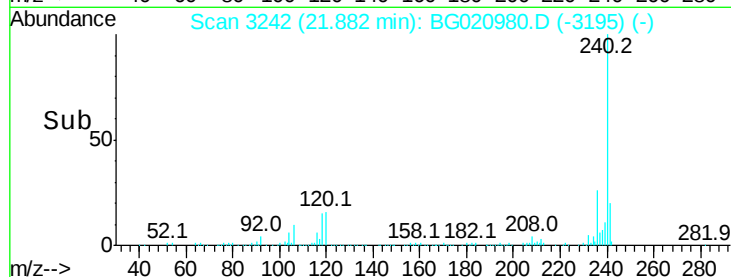
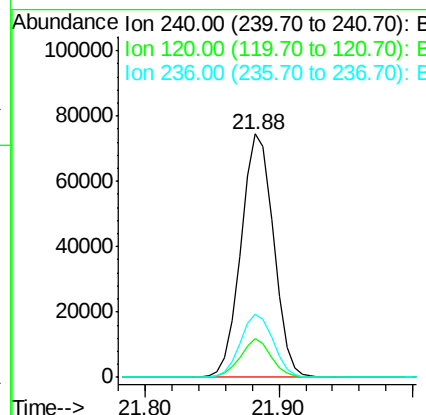
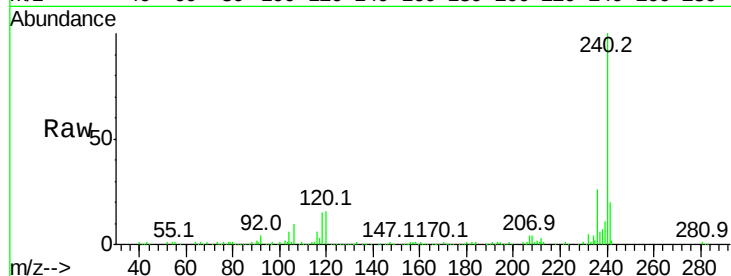




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.88 min Scan# 3242
 Delta R.T. -0.02 min
 Lab File: BG020980.D
 Acq: 19 Feb 2016 20:15

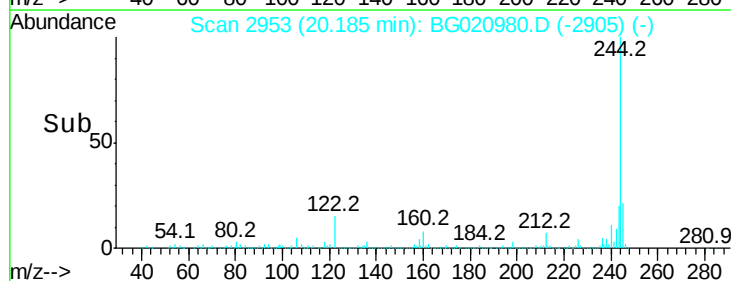
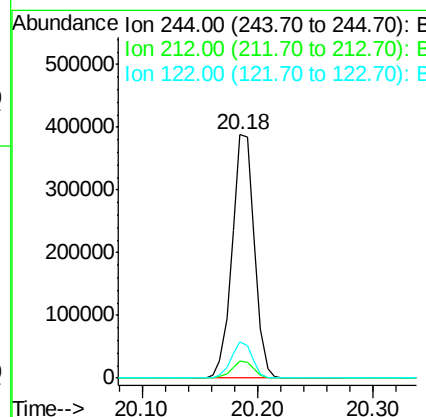
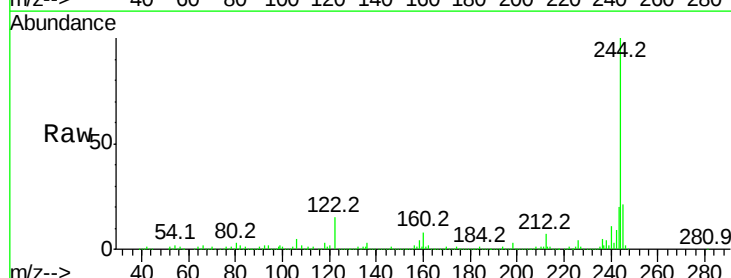
Instrument :
 BNA_G
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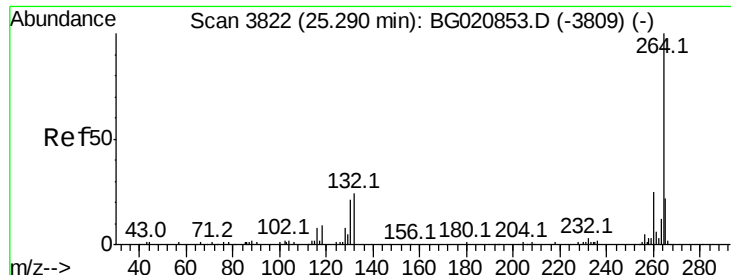
Tot Ion	Ratio	Lower	Upper
240	100		
120	16.0	13.0	19.4
236	26.1	21.0	31.4



#78
 Terphenyl-d14
 Concen: 95.56 ng
 RT: 20.18 min Scan# 2953
 Delta R.T. -0.02 min
 Lab File: BG020980.D
 Acq: 19 Feb 2016 20:15

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	15.0	11.4	17.2

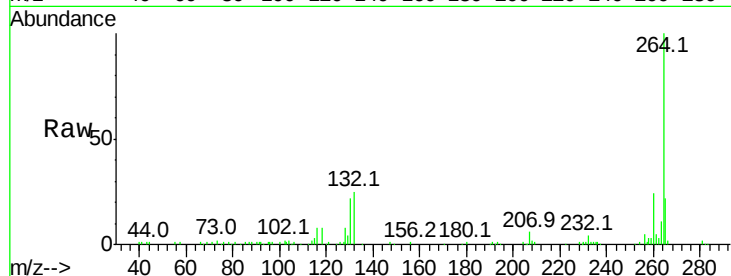




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.25 min Scan# 3815
 Delta R.T. -0.04 min
 Lab File: BG020980.D
 Acq: 19 Feb 2016 20:15

Instrument :
 BNA_G
 ClientSampleId :
 MW-1-FD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.9	29.9
265	21.8	18.0	27.0



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

