

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
 Data File : BG020981.D
 Acq On : 19 Feb 2016 20:54
 Operator : SJ/UM
 Sample : H1509-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-5

Quant Time: Feb 19 21:50:46 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

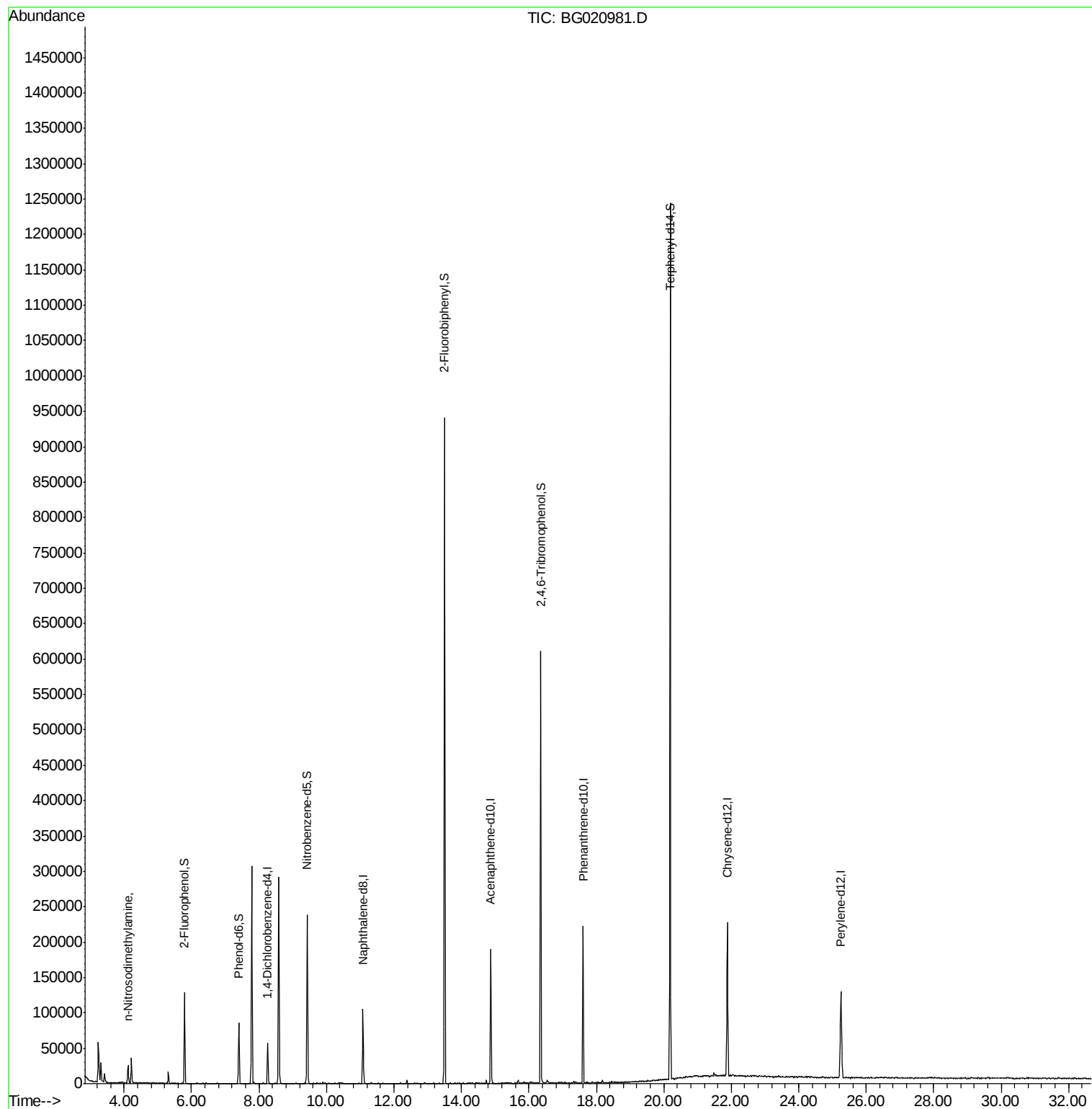
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	19048	20.00	ng	-0.01
21) Naphthalene-d8	11.08	136	104321	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	65288	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	134149	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	124523	20.00	ng	-0.02
86) Perylene-d12	25.25	264	118540	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	74162	65.57	ng	0.00
7) Phenol-d6	7.40	99	66318	40.12	ng	0.00
23) Nitrobenzene-d5	9.43	82	161138	101.56	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	114508	178.35	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	486480	104.67	ng	-0.01
78) Terphenyl-d14	20.19	244	498521	93.39	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	4.12	42	717	2.25	ng	Qvalue # 1

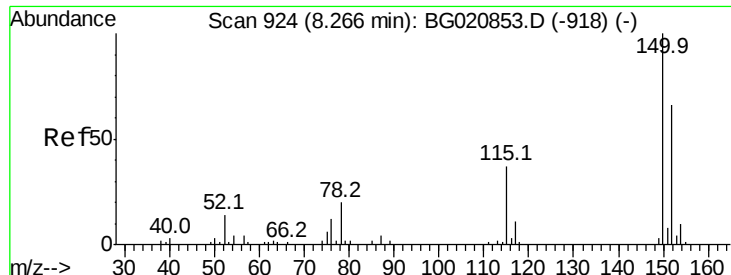
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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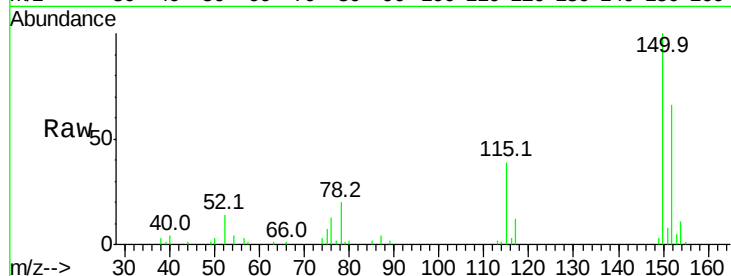


#1

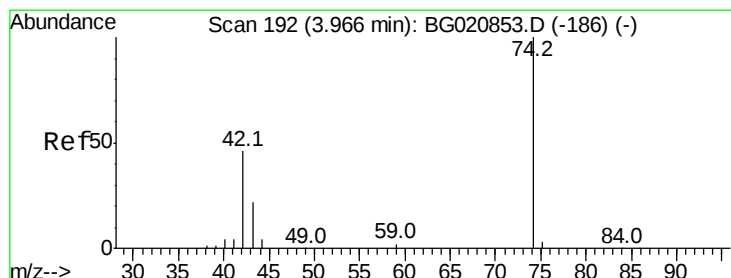
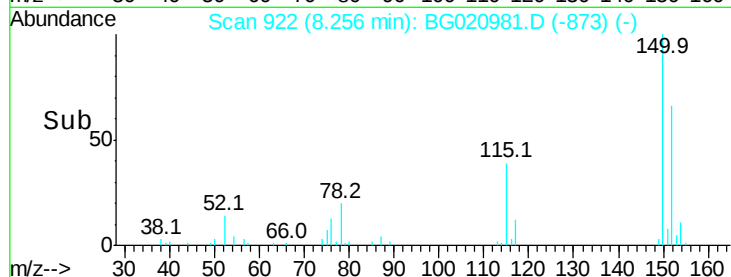
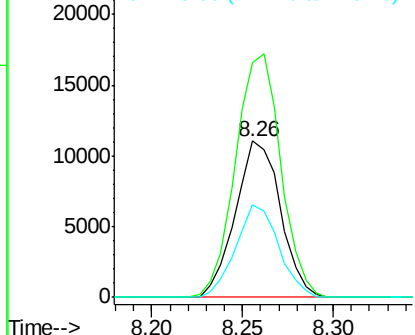
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020981.D
Acq: 19 Feb 2016 20:54

Instrument :
BNA_G
ClientSampleId :
MW-5

Tot Ion:152 Resp: 19048
Ion Ratio Lower Upper
152 100
150 150.7 122.0 183.0
115 59.1 45.2 67.8



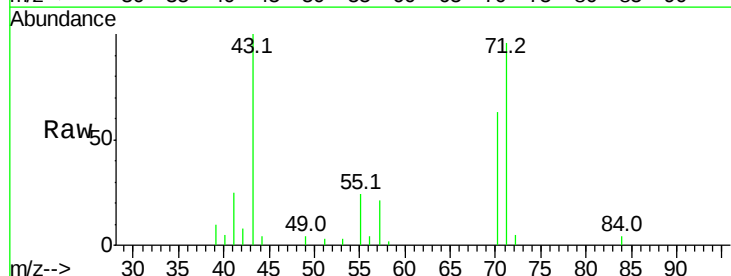
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



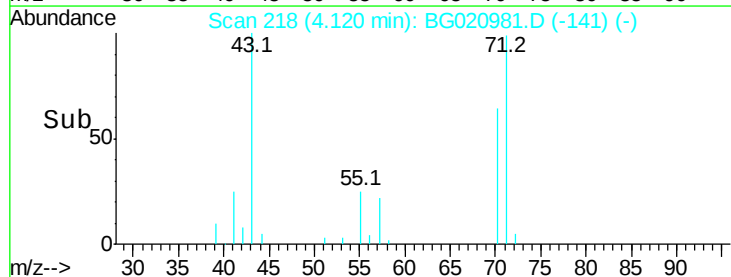
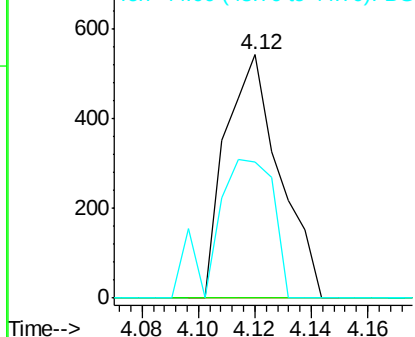
#4

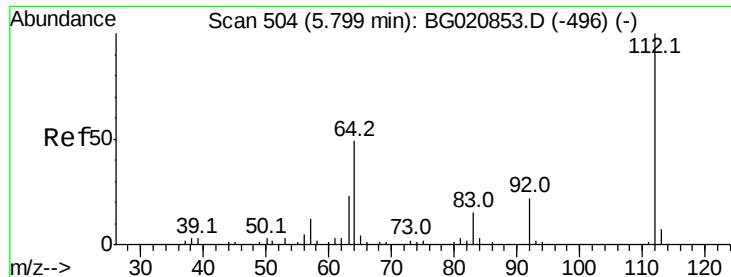
n-Nitrosodimethylamine
Concen: 2.25 ng
RT: 4.12 min Scan# 218
Delta R.T. 0.15 min
Lab File: BG020981.D
Acq: 19 Feb 2016 20:54

Tgt Ion: 42 Resp: 717
Ion Ratio Lower Upper
42 100
74 0.0 173.8 260.6#
44 56.0 6.3 9.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 65.57 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

Instrument :

BNA_G

ClientSampleId :

MW-5

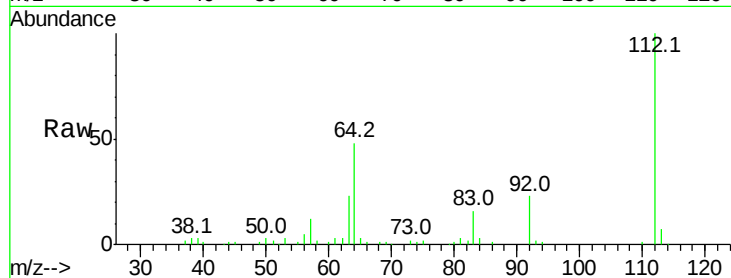
Tot Ion:112 Resp: 74162

Ion Ratio Lower Upper

112 100

64 47.9 39.3 58.9

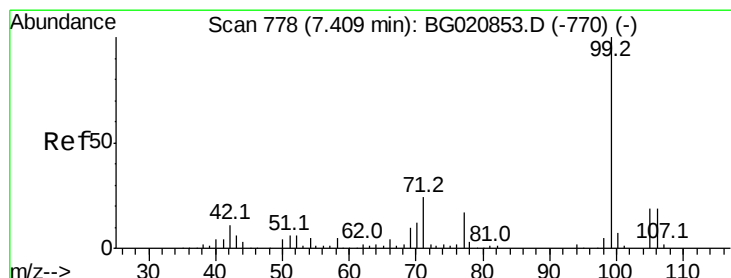
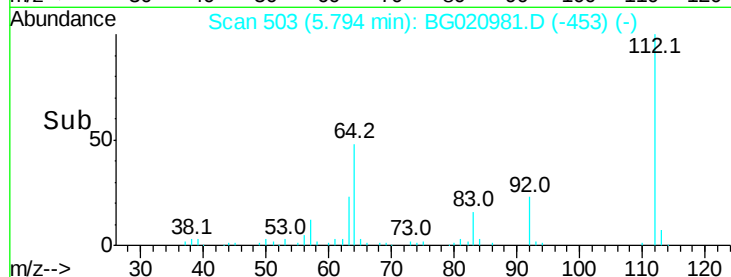
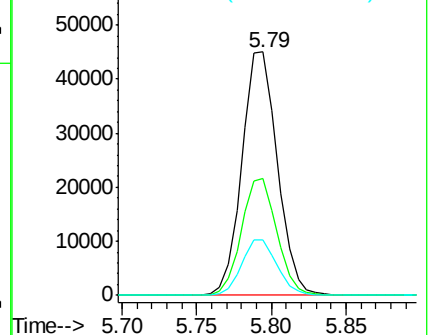
63 22.7 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 40.12 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

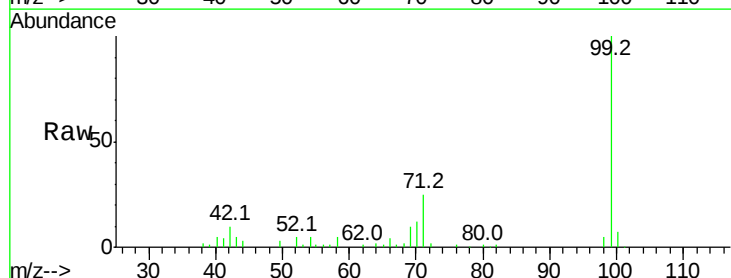
Tgt Ion: 99 Resp: 66318

Ion Ratio Lower Upper

99 100

42 9.9 8.4 12.6

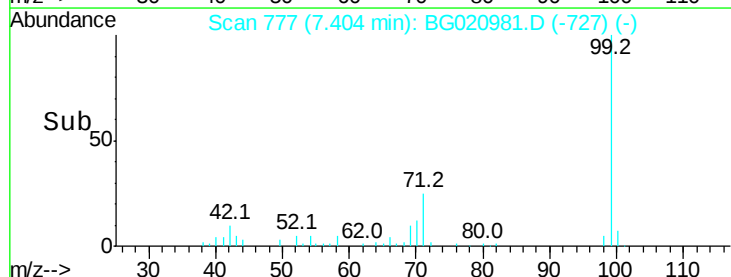
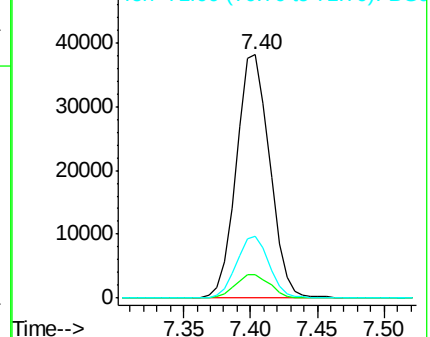
71 25.5 19.4 29.0

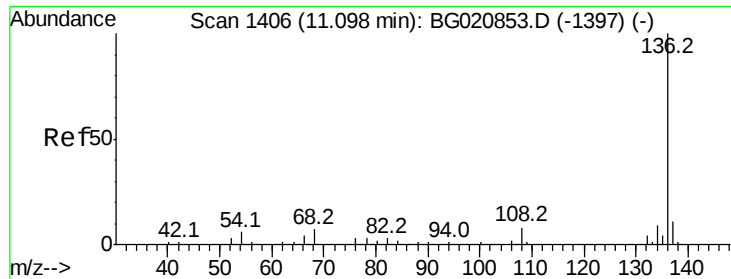


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC

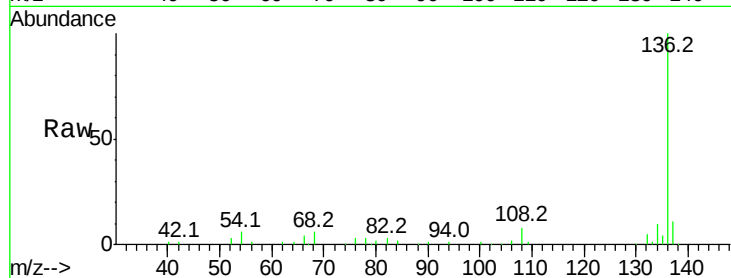




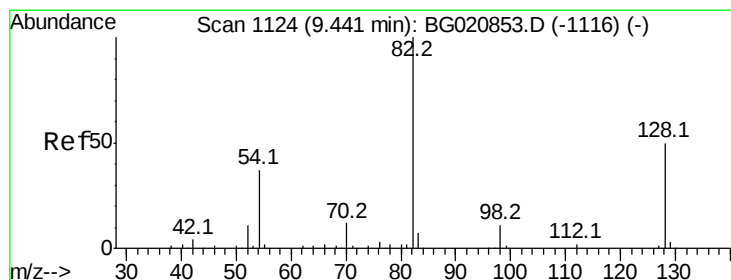
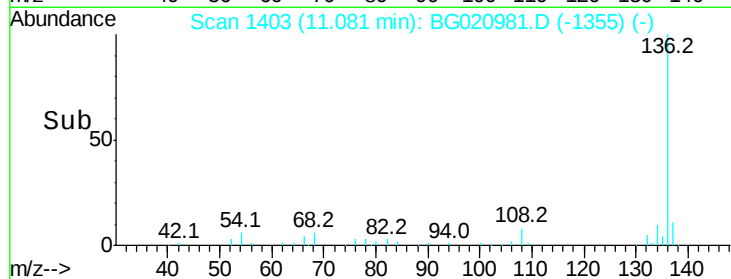
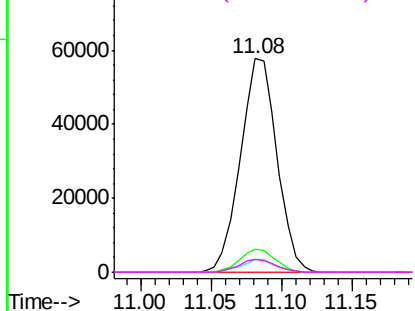
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BG020981.D
Acq: 19 Feb 2016 20:54

Instrument :
BNA_G
ClientSampleId :
MW-5

Tot Ion:	136	Resp:	104321
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	5.8	5.0	7.4
68	6.0	5.2	7.8

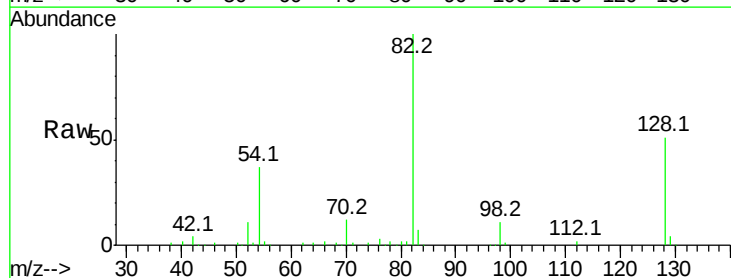


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

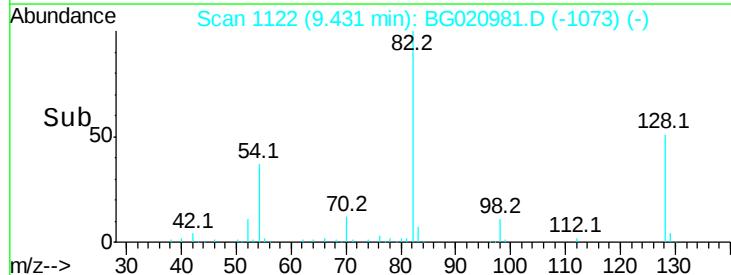
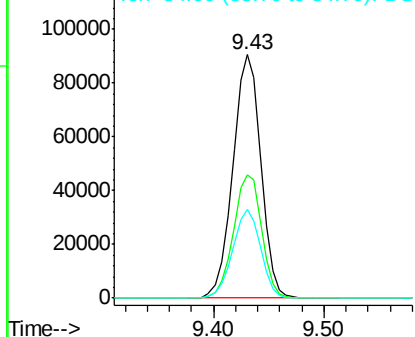


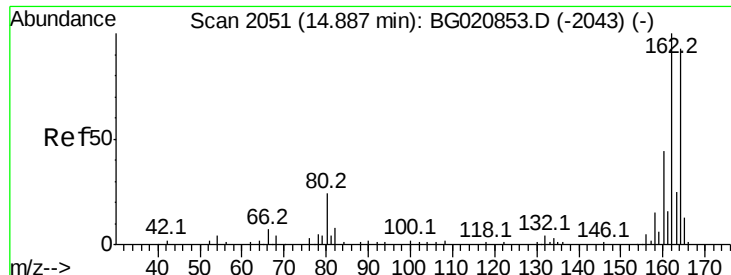
#23
Nitrobenzene-d5
Concen: 101.56 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020981.D
Acq: 19 Feb 2016 20:54

Tgt Ion:	82	Resp:	161138
Ion	Ratio	Lower	Upper
82	100		
128	50.6	40.1	60.1
54	36.6	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

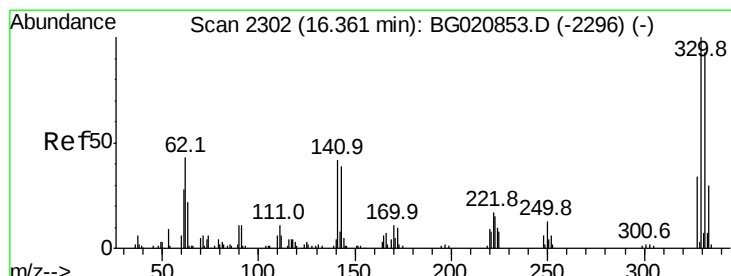
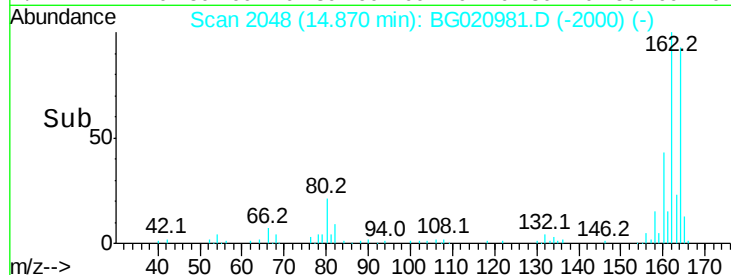
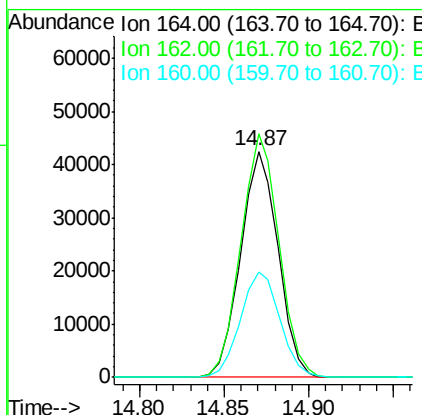
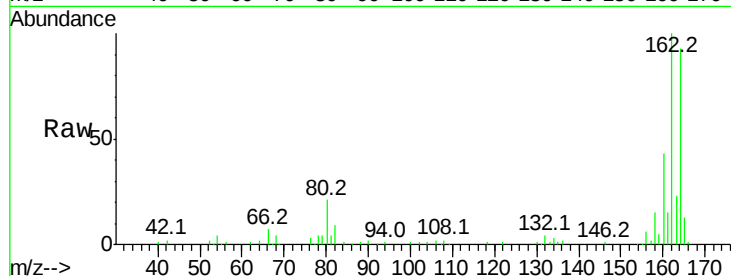




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020981.D
Acq: 19 Feb 2016 20:54

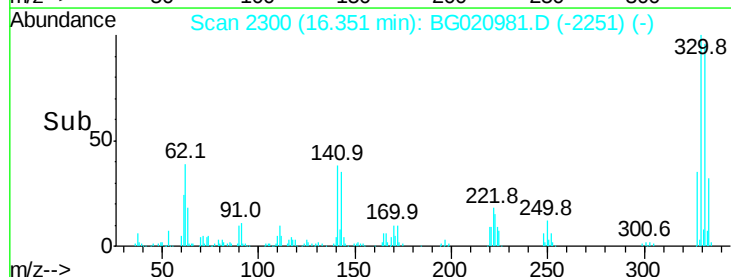
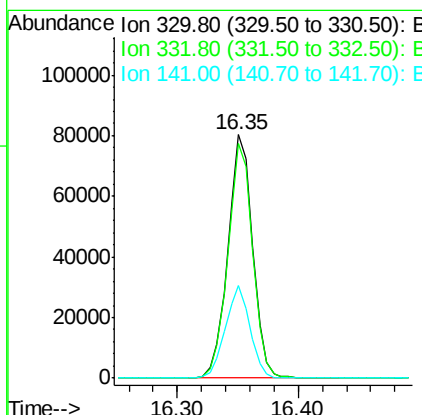
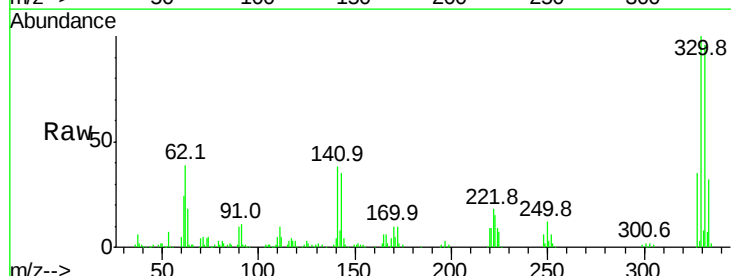
Instrument :
BNA_G
ClientSampleId :
MW-5

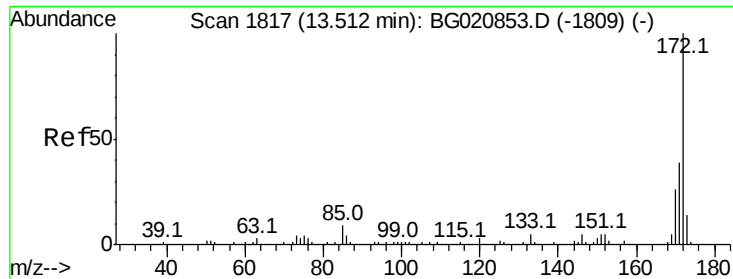
Tot Ion:164 Resp: 65288
Ion Ratio Lower Upper
164 100
162 107.9 85.7 128.5
160 46.7 37.4 56.0



#41
2,4,6-Tribromophenol
Concen: 178.35 ng
RT: 16.35 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BG020981.D
Acq: 19 Feb 2016 20:54

Tgt Ion:330 Resp: 114508
Ion Ratio Lower Upper
330 100
332 96.2 76.1 114.1
141 37.8 32.0 48.0

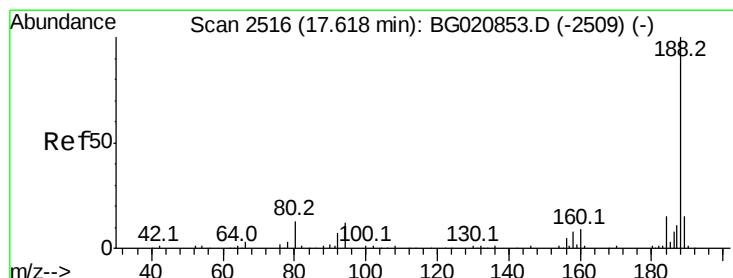
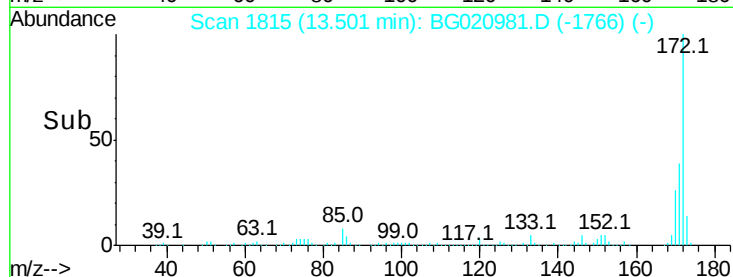
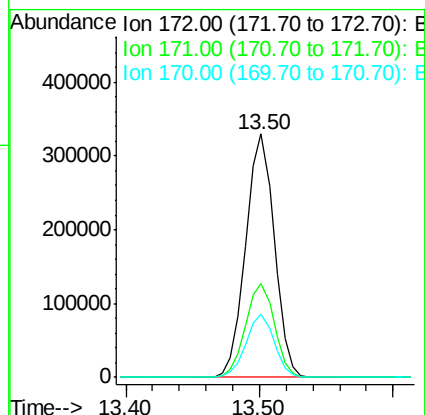
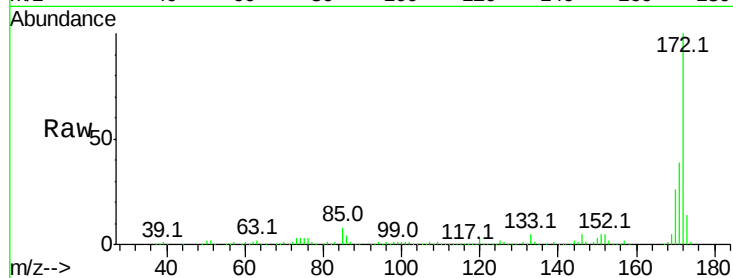




#44
 2-Fluorobiphenyl
 Concen: 104.67 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020981.D
 Acq: 19 Feb 2016 20:54

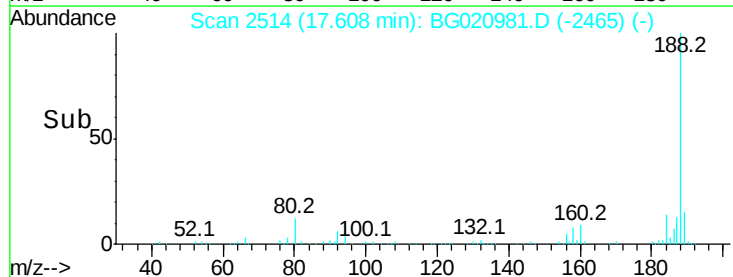
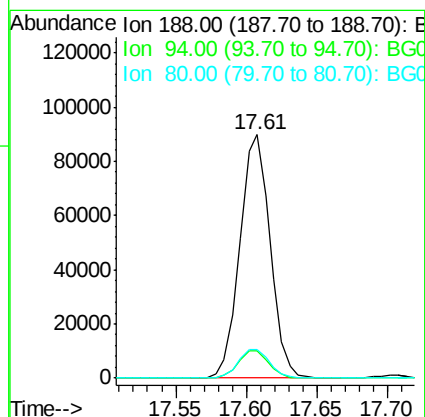
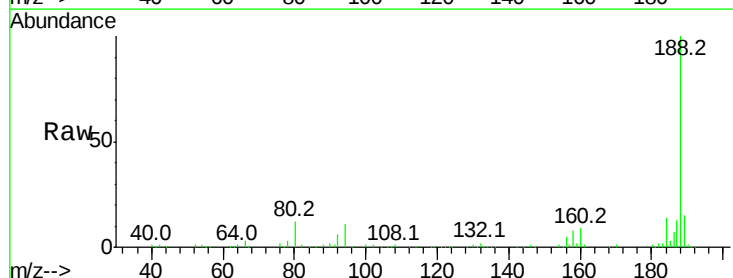
Instrument :
 BNA_G
 ClientSampleId :
 MW-5

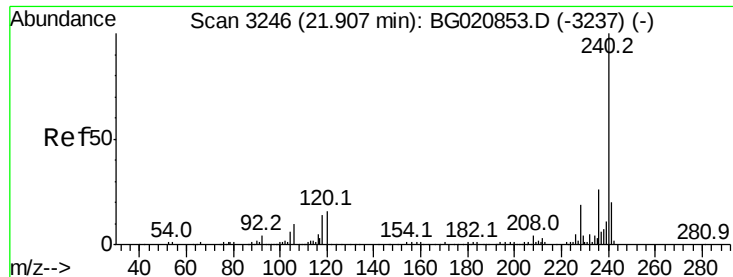
Tot Ion:172 Resp: 486480
 Ion Ratio Lower Upper
 172 100
 171 38.8 31.2 46.8
 170 26.0 20.6 30.8



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG020981.D
 Acq: 19 Feb 2016 20:54

Tgt Ion:188 Resp: 134149
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.0
 80 11.8 10.2 15.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

Instrument :

BNA_G

ClientSampleId :

MW-5

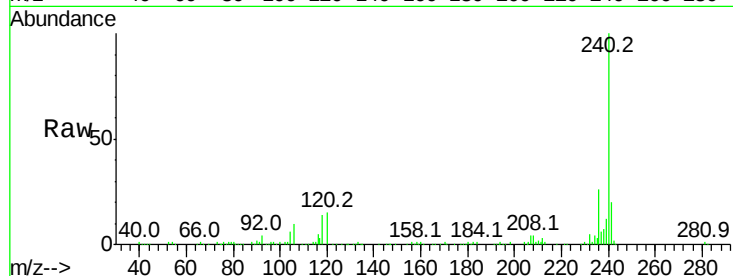
Tot Ion:240 Resp: 124523

Ion Ratio Lower Upper

240 100

120 14.7 13.0 19.4

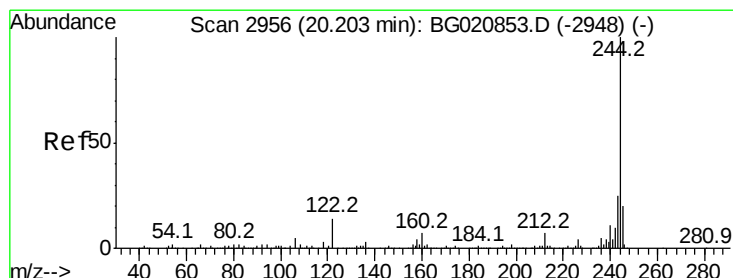
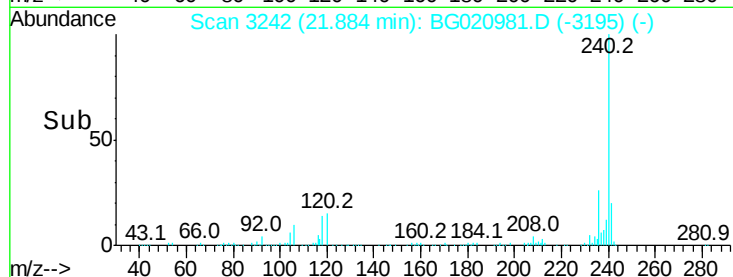
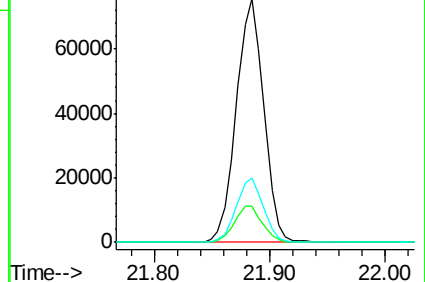
236 26.2 21.0 31.4



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: 93.39 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

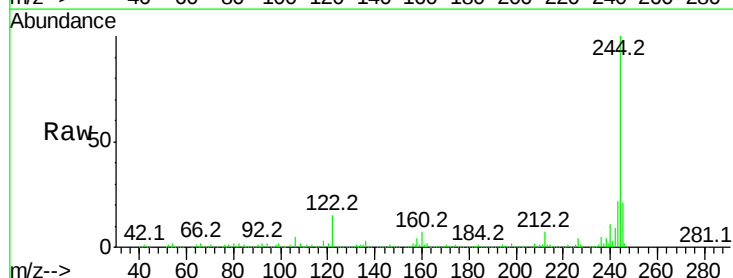
Tgt Ion:244 Resp: 498521

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

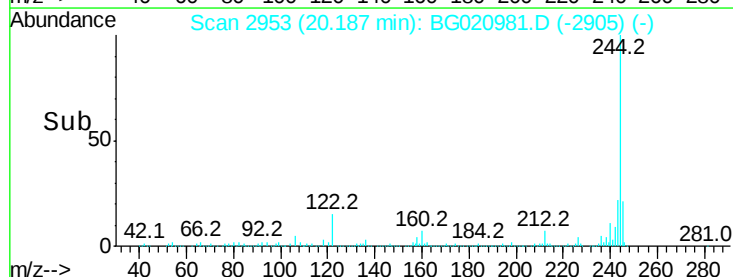
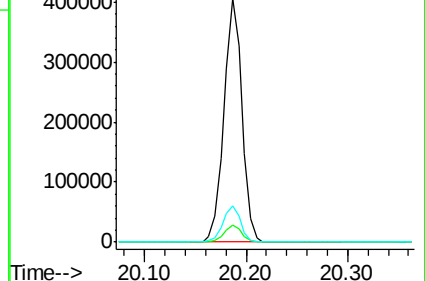
122 14.8 11.4 17.2

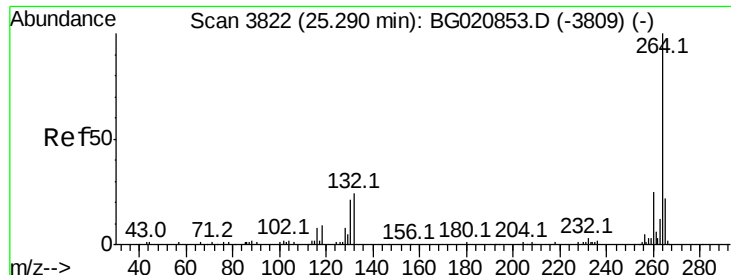


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 25.25 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG020981.D

Acq: 19 Feb 2016 20:54

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ClientSampleId :

MW-5

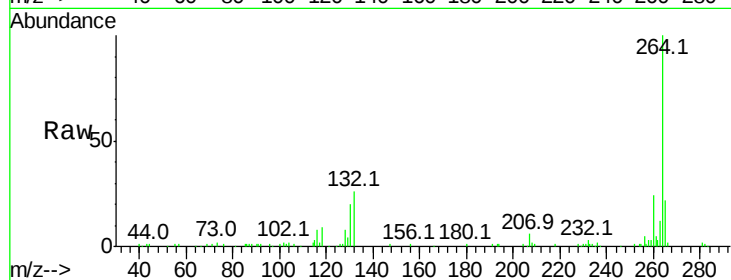
Tot Ion:264 Resp: 118540

Ion Ratio Lower Upper

264 100

260 24.3 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

