

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120815\
 Data File : BG020012.D
 Acq On : 8 Dec 2015 11:12
 Operator : UM/SJ
 Sample : G4676-22
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Quant Time: Dec 09 04:00:02 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

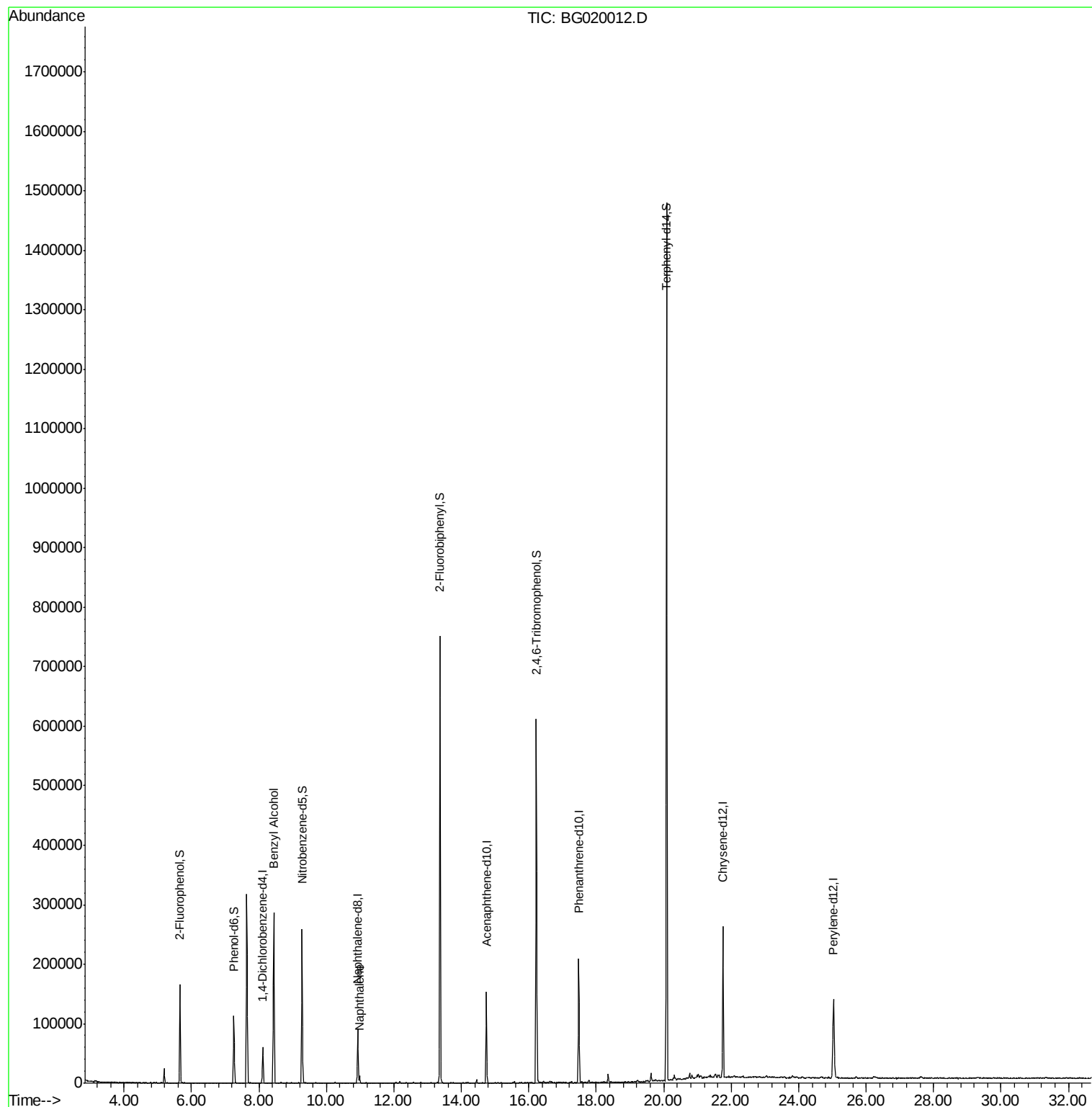
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	16801	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	76124	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	52593	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	131350	20.00	ng	-0.03
75) Chrysene-d12	21.76	240	162850	20.00	ng	-0.04
86) Perylene-d12	25.03	264	150244	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	68752	73.96	ng	-0.01
7) Phenol-d6	7.26	99	62821	44.76	ng	-0.02
23) Nitrobenzene-d5	9.28	82	156161	104.69	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	112987	140.41	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	387179	100.52	ng	-0.02
78) Terphenyl-d14	20.08	244	654682	98.06	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	8.44	79	2566	2.08	ng	Qvalue # 53
31) Naphthalene	10.97	128	10954	2.69	ng	95

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

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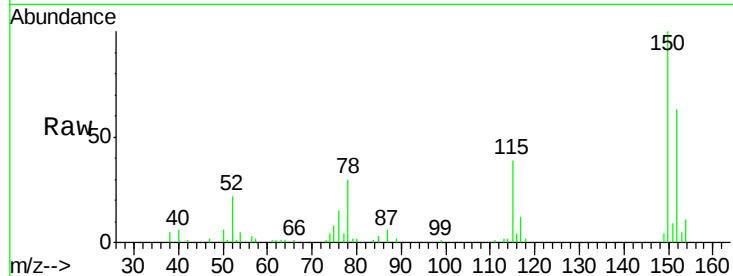




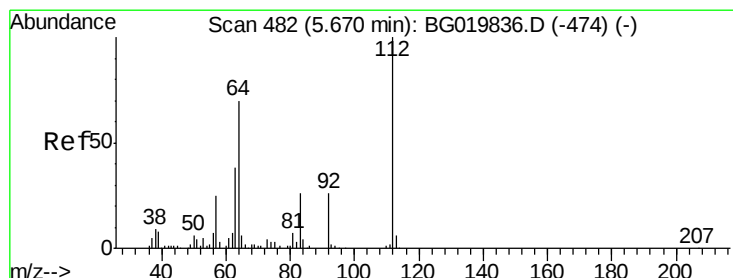
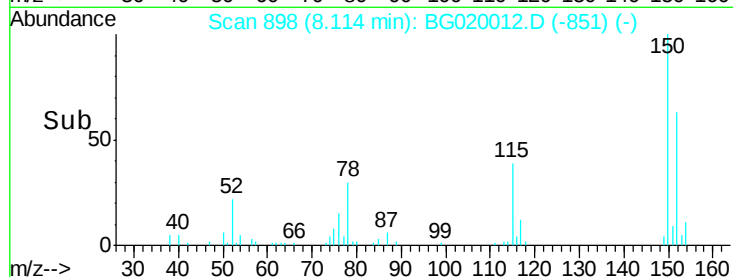
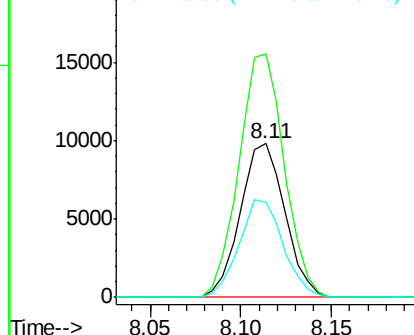
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG020012.D
 Acq: 8 Dec 2015 11:12

Instrument :
 BNA_F
 ClientSampleId :
 MW-12B

Tgt Ion:152 Resp: 16801
 Ion Ratio Lower Upper
 152 100
 150 158.5 115.0 172.4
 115 62.0 43.9 65.9

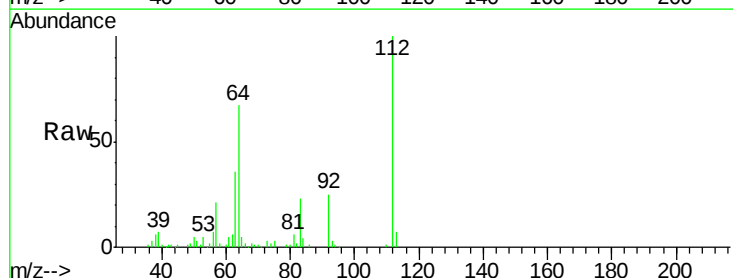


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

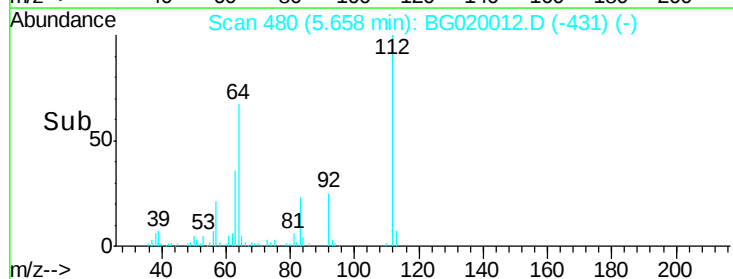
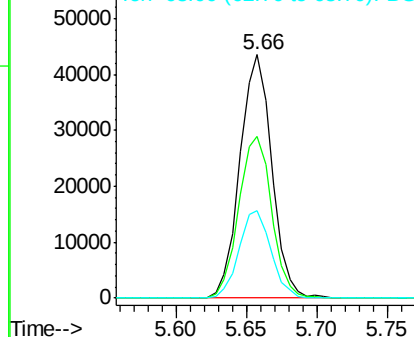


#5
 2-Fluorophenol
 Concen: 73.96 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG020012.D
 Acq: 8 Dec 2015 11:12

Tgt Ion:112 Resp: 68752
 Ion Ratio Lower Upper
 112 100
 64 66.7 43.7 65.5#
 63 36.1 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: 44.76 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG020012.D

Acq: 8 Dec 2015 11:12

Instrument :

BNA_F

ClientSampleId :

MW-12B

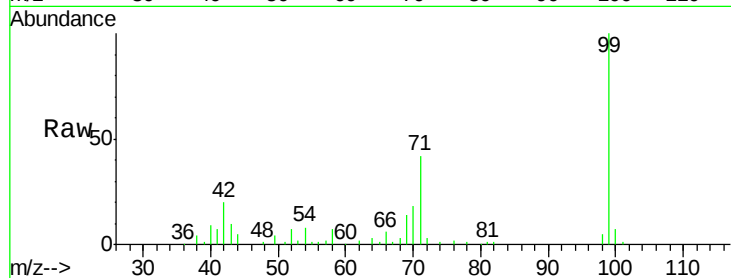
Tgt Ion: 99 Resp: 62821

Ion Ratio Lower Upper

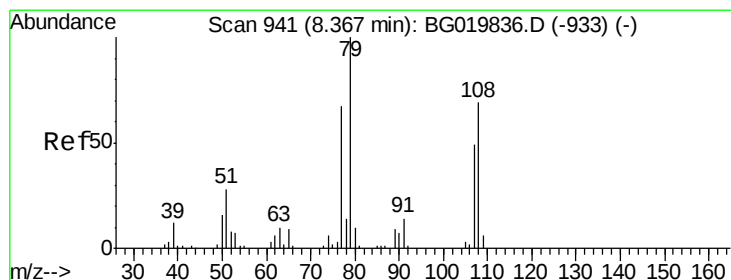
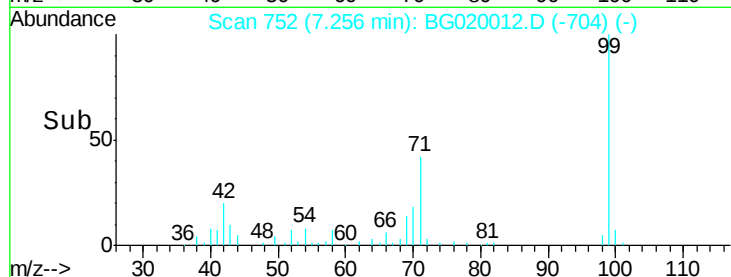
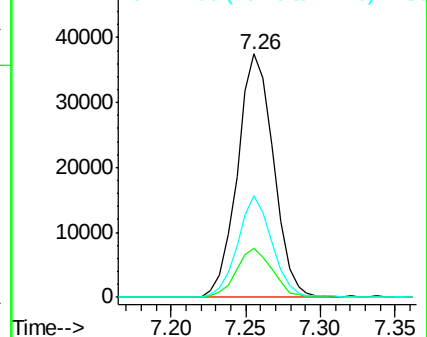
99 100

42 19.9 11.5 17.3#

71 41.7 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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.44 min Scan# 953

Delta R.T. 0.07 min

Lab File: BG020012.D

Acq: 8 Dec 2015 11:12

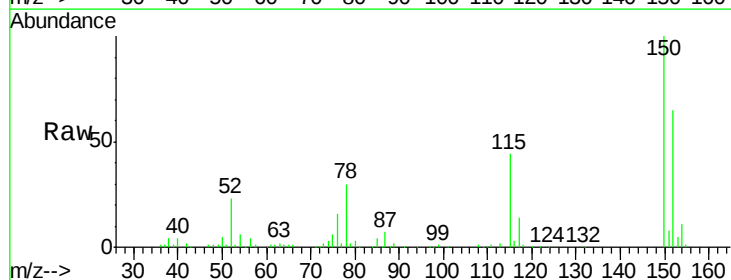
Tgt Ion: 79 Resp: 2566

Ion Ratio Lower Upper

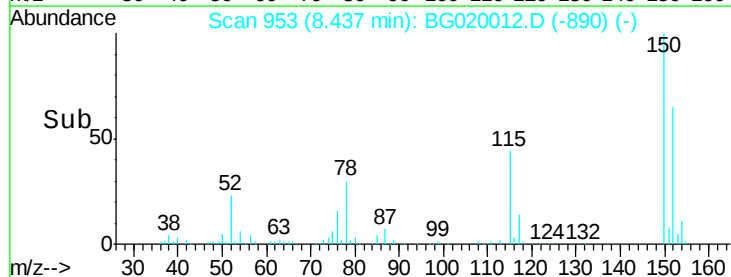
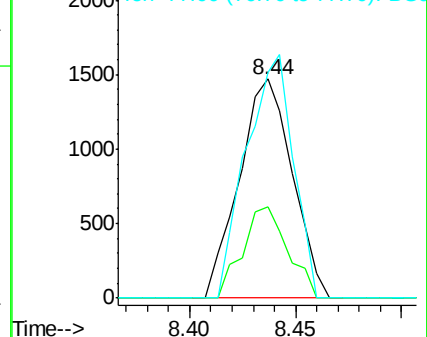
79 100

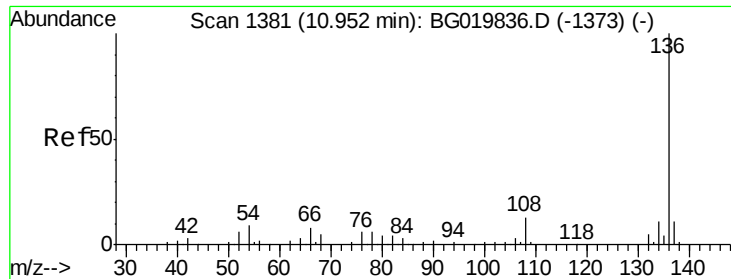
108 41.4 65.5 98.3#

77 103.0 51.3 76.9#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

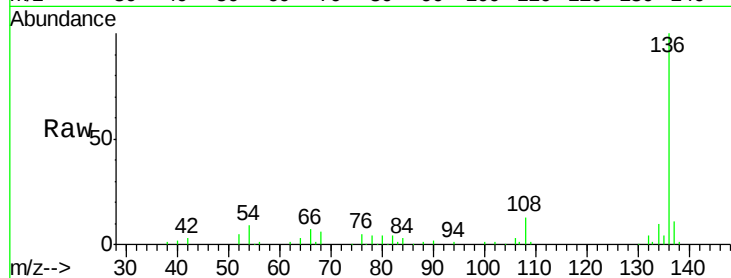




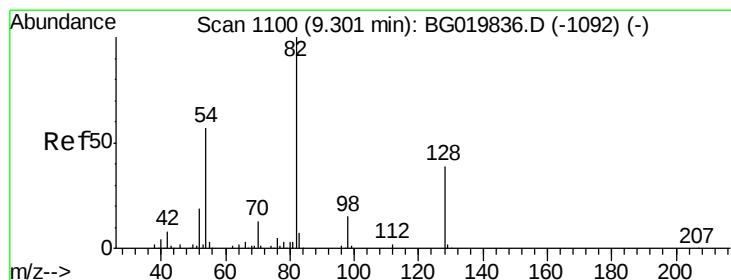
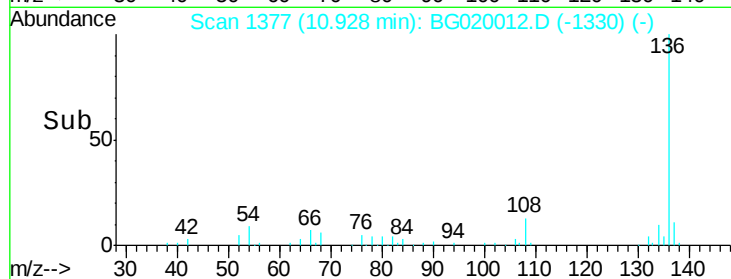
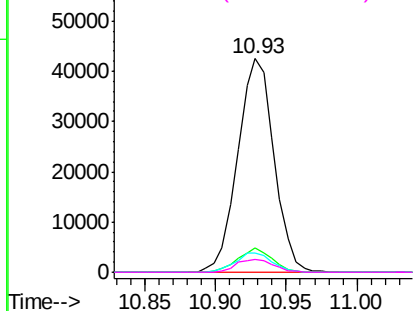
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:	136	Resp:	76124
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	8.9	5.4	8.2#
68	6.1	5.3	7.9

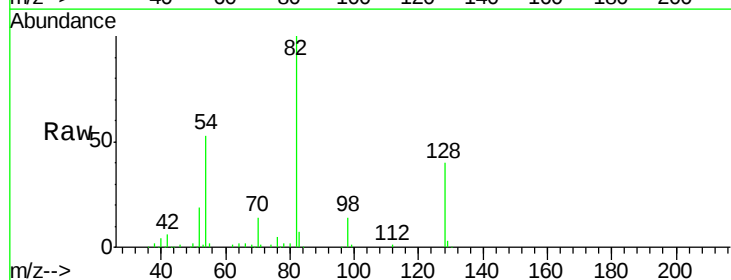


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

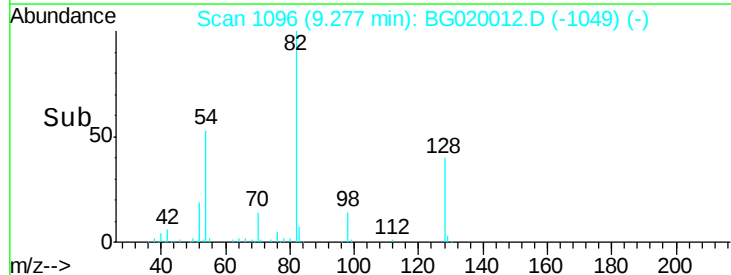
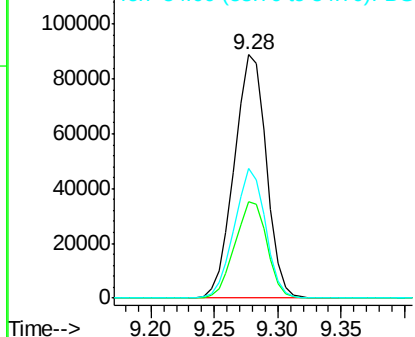


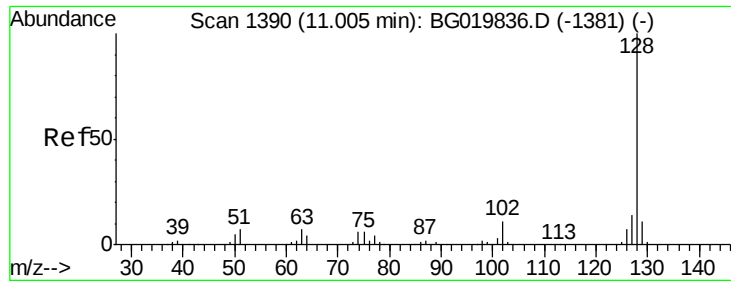
#23
Nitrobenzene-d5
Concen: 104.69 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

Tgt Ion:	82	Resp:	156161
Ion	Ratio	Lower	Upper
82	100		
128	39.8	36.7	55.1
54	53.3	33.8	50.8#



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

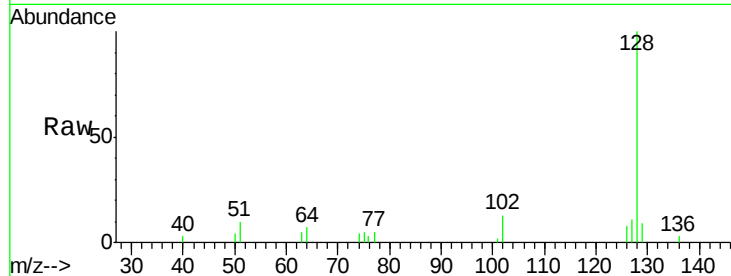




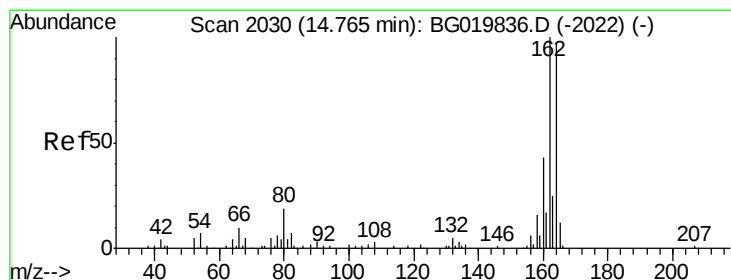
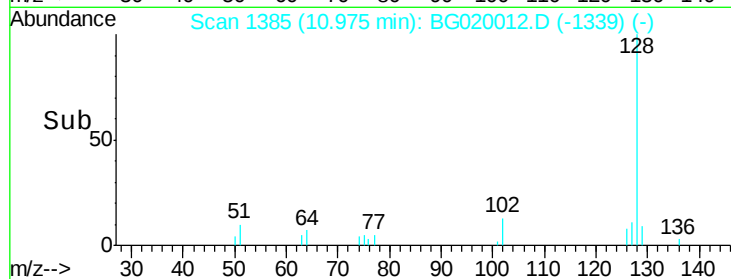
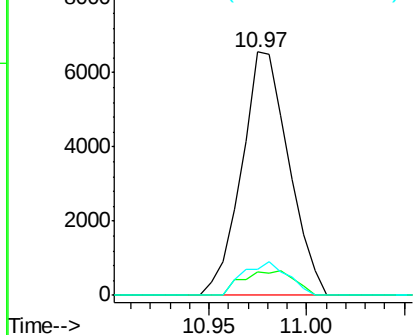
#31
Naphthalene
Concen: 2.69 ng
RT: 10.97 min Scan# 1385
Delta R.T. -0.03 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

Instrument :
BNA_F
ClientSampleId :
MW-12B

Tgt Ion:128 Resp: 10954
Ion Ratio Lower Upper
128 100
129 9.4 8.5 12.7
127 10.9 10.6 16.0

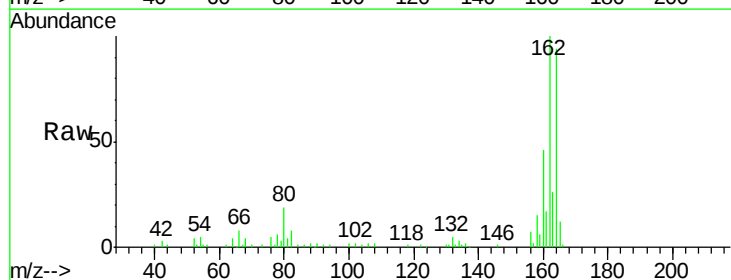


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

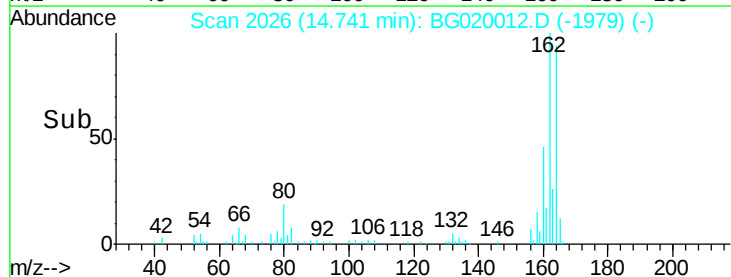
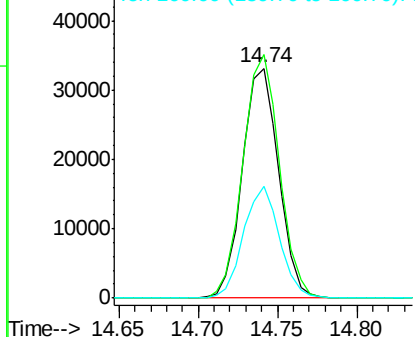


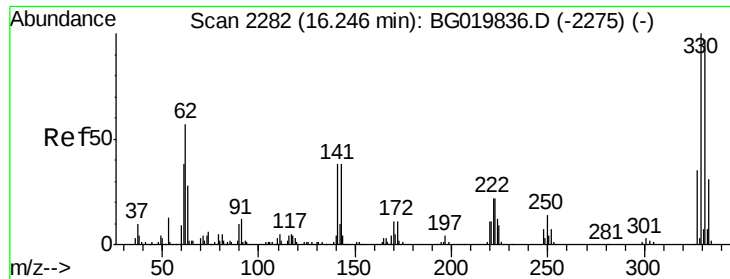
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

Tgt Ion:164 Resp: 52593
Ion Ratio Lower Upper
164 100
162 106.0 78.8 118.2
160 48.8 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

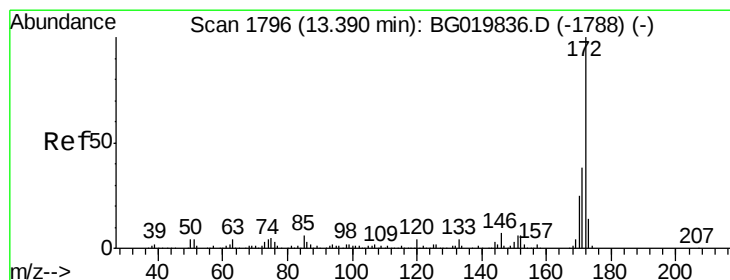
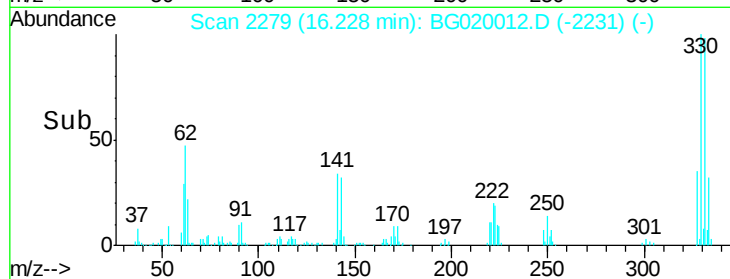
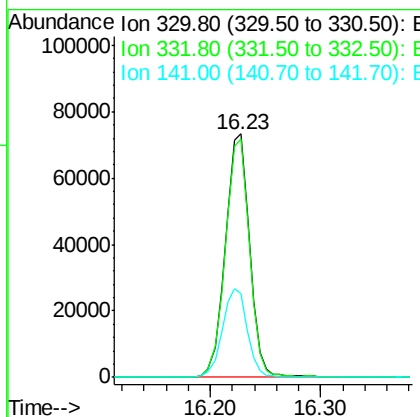
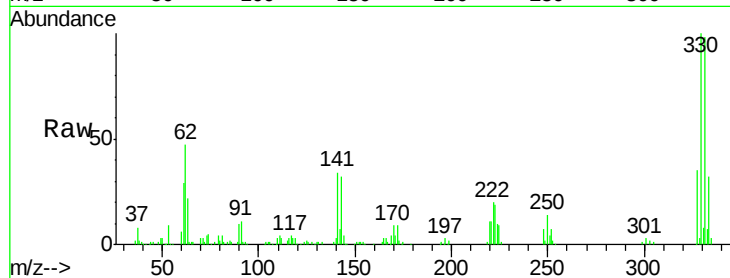




#41
 2,4,6-Tribromophenol
 Concen: 140.41 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG020012.D
 Acq: 8 Dec 2015 11:12

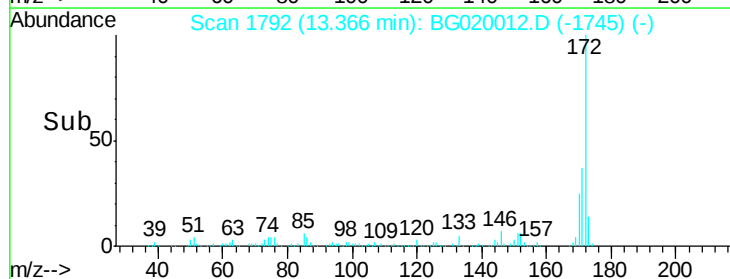
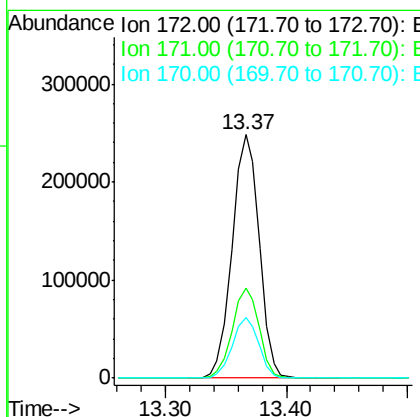
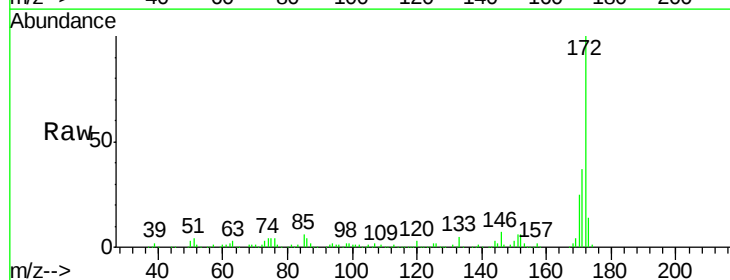
Instrument :
 BNA_F
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 MW-12B

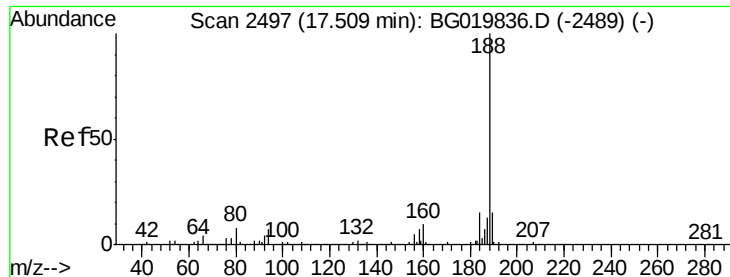
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.0	78.1	117.1
141	37.2	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 100.52 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020012.D
 Acq: 8 Dec 2015 11:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.0	43.6
170	25.1	19.9	29.9

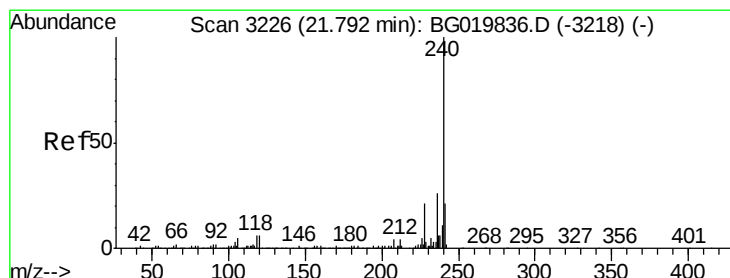
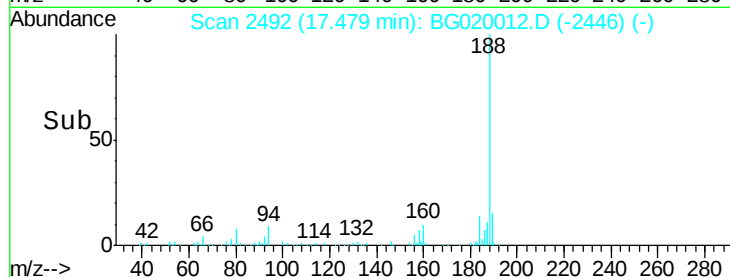
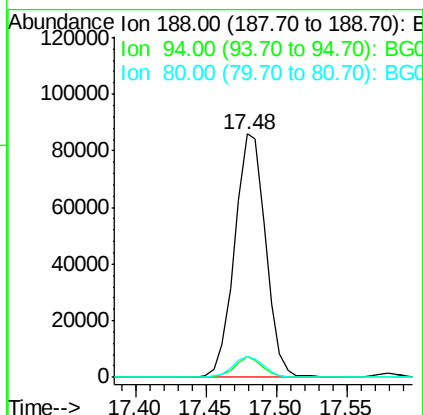
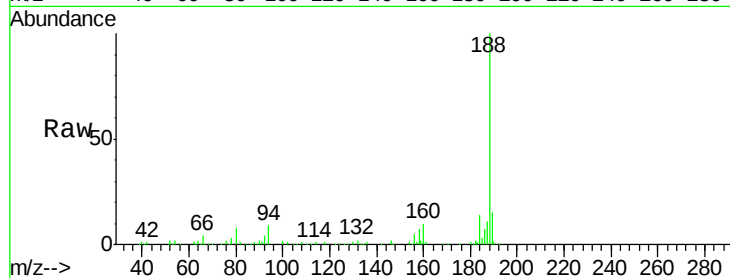




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

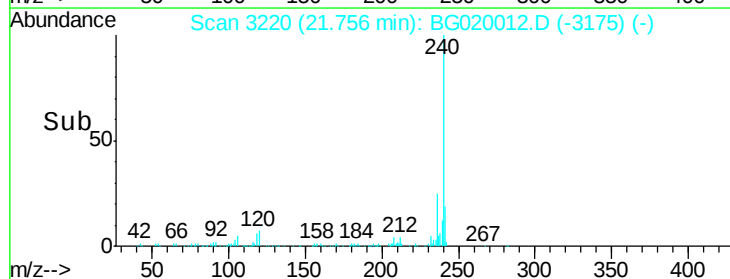
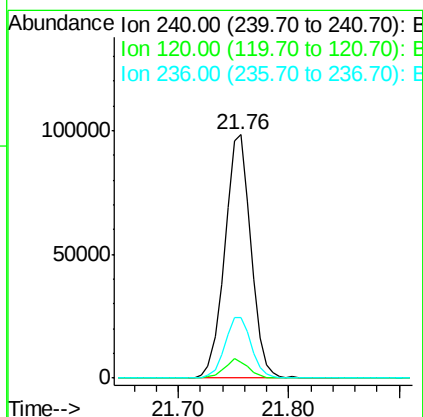
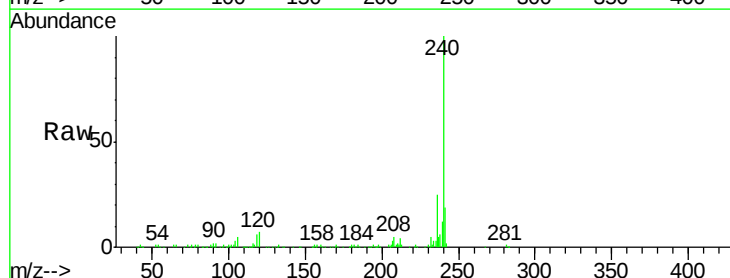
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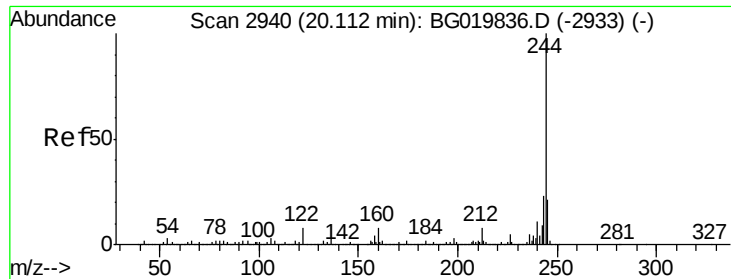
Tgt Ion:188 Resp: 131350
Ion Ratio Lower Upper
188 100
94 8.7 7.7 11.5
80 8.5 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG020012.D
Acq: 8 Dec 2015 11:12

Tgt Ion:240 Resp: 162850
Ion Ratio Lower Upper
240 100
120 6.6 7.4 11.0#
236 25.0 20.7 31.1





#78

Terphenyl-d14

Concen: 98.06 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020012.D

Acq: 8 Dec 2015 11:12

Instrument :

BNA_F

ClientSampleId :

MW-12B

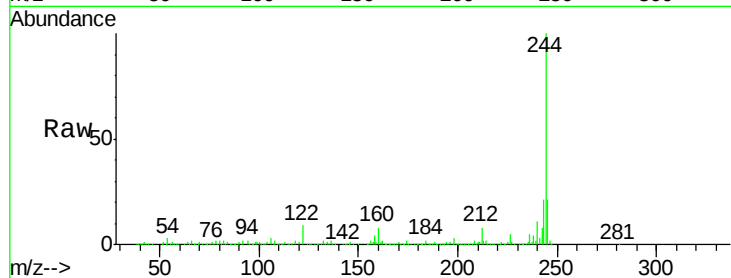
Tgt Ion:244 Resp: 654682

Ion Ratio Lower Upper

244 100

212 8.3 6.9 10.3

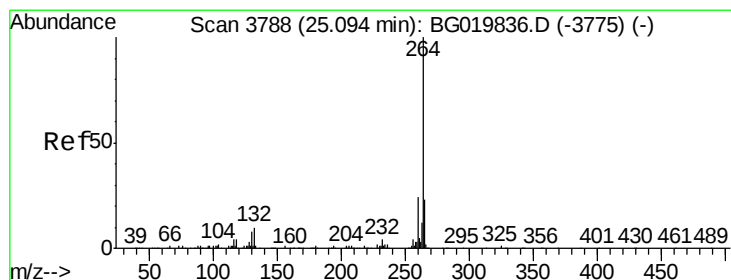
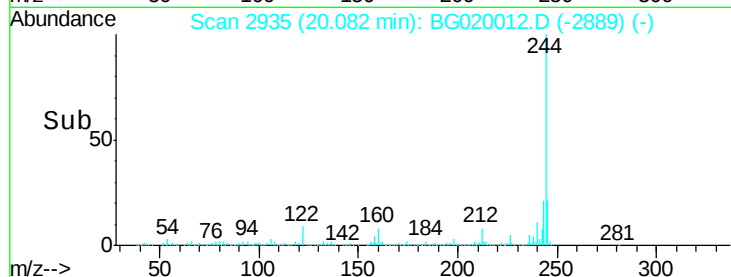
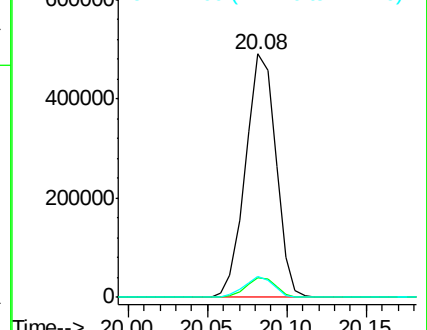
122 8.8 10.2 15.2#



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# 3778

Delta R.T. -0.06 min

Lab File: BG020012.D

Acq: 8 Dec 2015 11:12

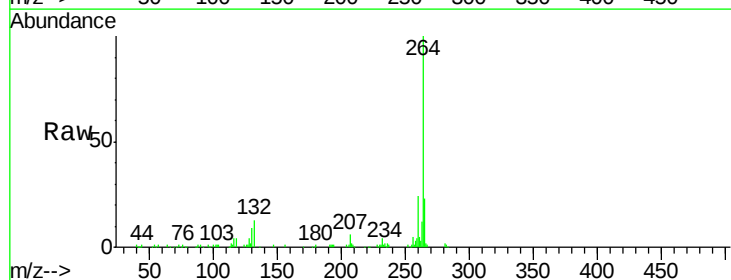
Tgt Ion:264 Resp: 150244

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 22.7 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

