

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121115\
 Data File : BG020091.D
 Acq On : 11 Dec 2015 2:09
 Operator : UM/SJ
 Sample : G4676-16DL 100X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Quant Time: Dec 11 04:51:01 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

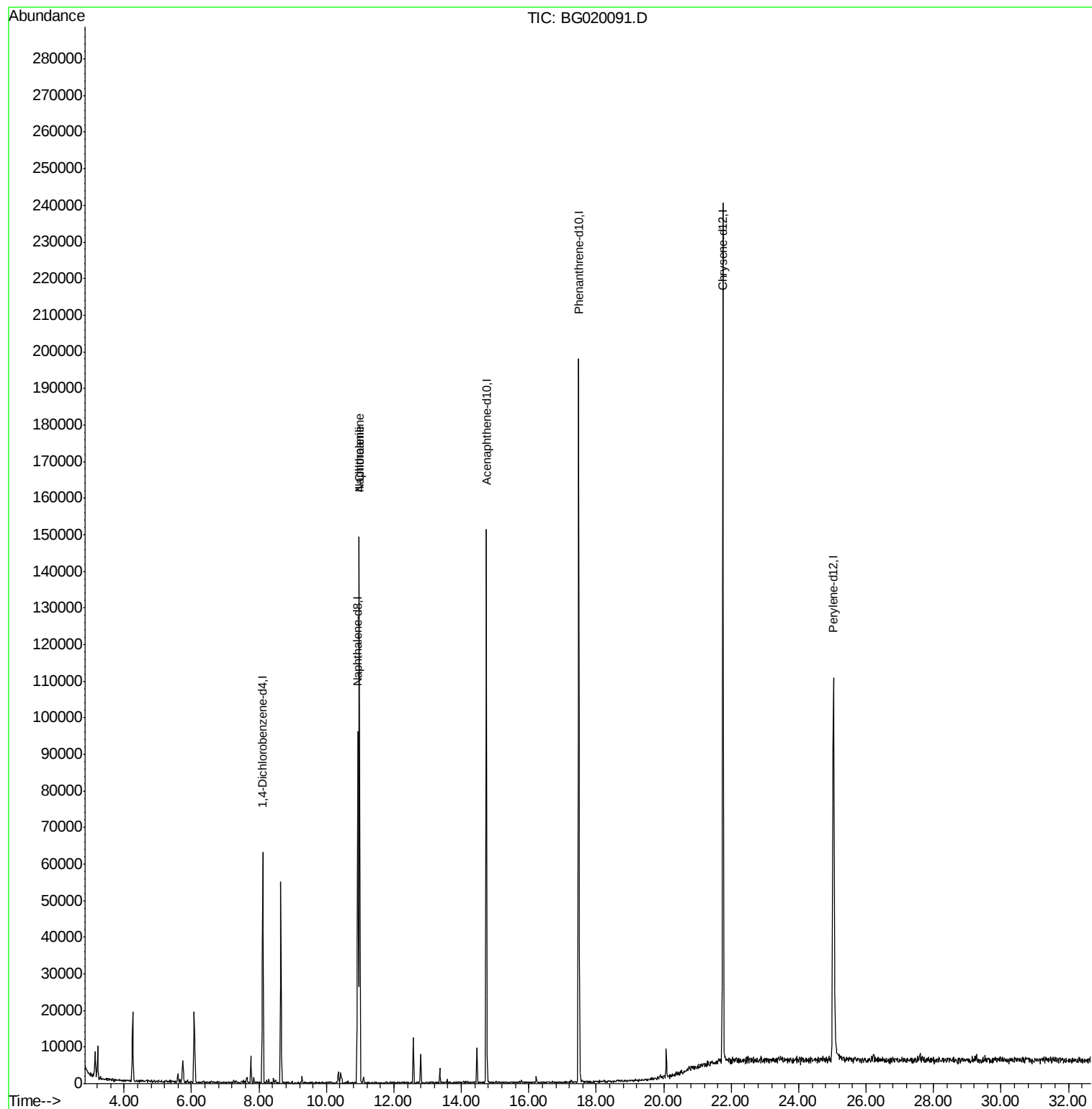
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18031	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	80934	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53518	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	126618	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	155581	20.00	ng	-0.04
86) Perylene-d12	25.04	264	138356	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	254	0.25	ng	-0.01
7) Phenol-d6	7.26	99	432	0.29	ng	-0.01
23) Nitrobenzene-d5	9.28	82	1158	0.73	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	504	0.62	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	3029	0.77	ng	-0.03
78) Terphenyl-d14	20.08	244	5115	0.80	ng	-0.03
Target Compounds						
31) Naphthalene	10.98	128	131125	30.24	ng	Qvalue 99
33) 4-Chloroaniline	10.98	127	17266	9.04	ng	# 32

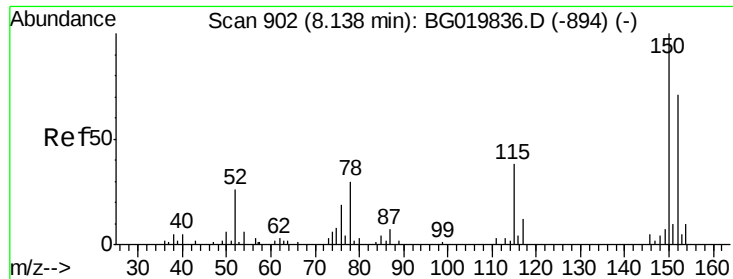
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG020091.D

Acq: 11 Dec 2015 2:09

Instrument :

BNA_F

ClientSampleId :

MW-14DL

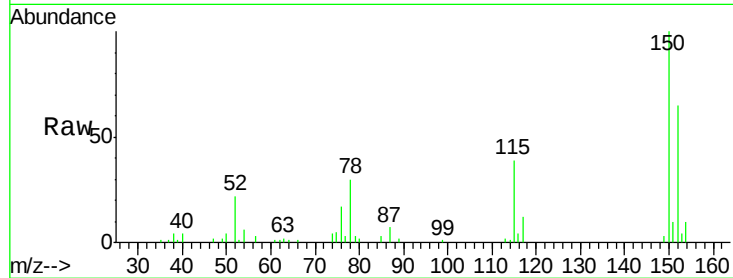
Tgt Ion:152 Resp: 18031

Ion Ratio Lower Upper

152 100

150 154.5 115.0 172.4

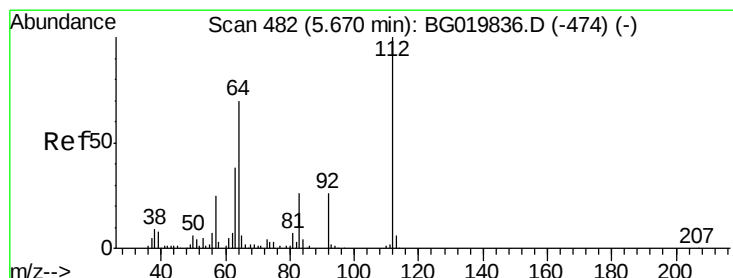
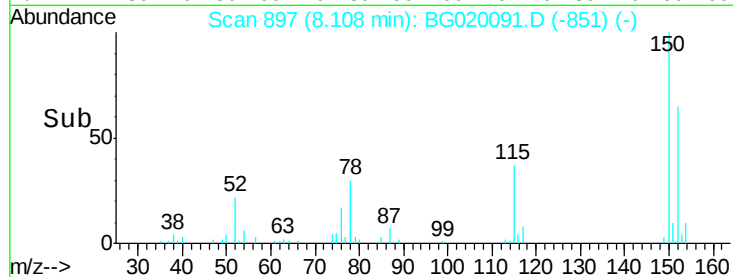
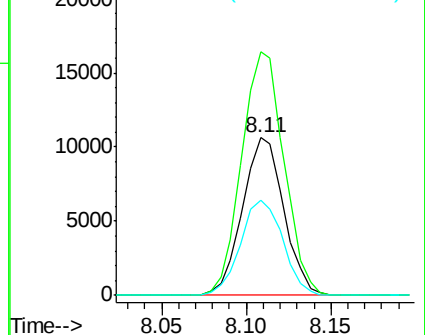
115 60.2 43.9 65.9



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: 0.25 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020091.D

Acq: 11 Dec 2015 2:09

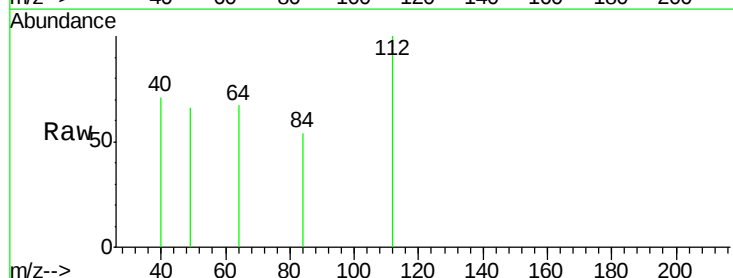
Tgt Ion:112 Resp: 254

Ion Ratio Lower Upper

112 100

64 67.0 43.7 65.5#

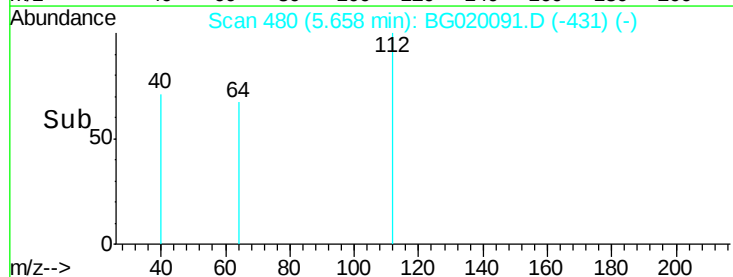
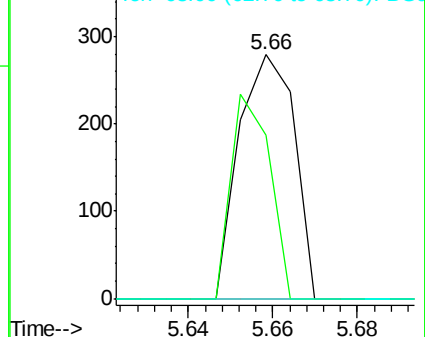
63 0.0 24.0 36.0#



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: 0.29 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020091.D

Acq: 11 Dec 2015 2:09

Instrument :

BNA_F

ClientSampleId :

MW-14DL

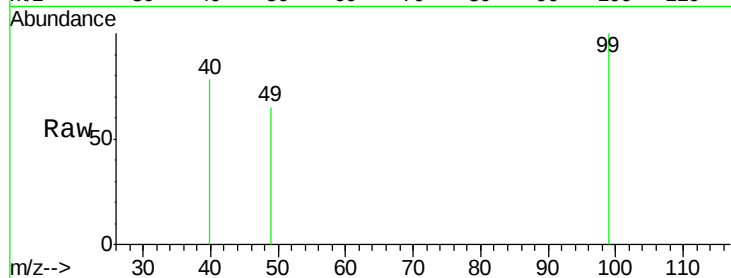
Tgt Ion: 99 Resp: 432

Ion Ratio Lower Upper

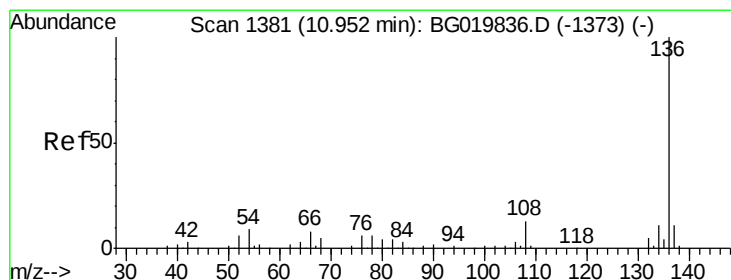
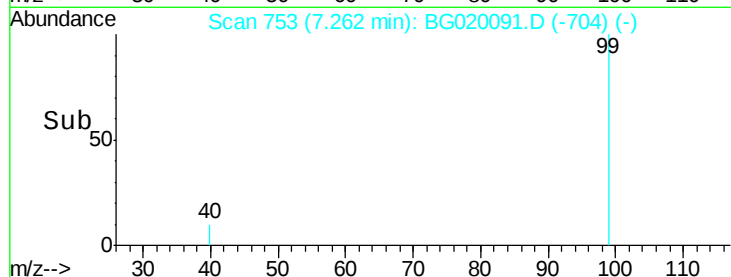
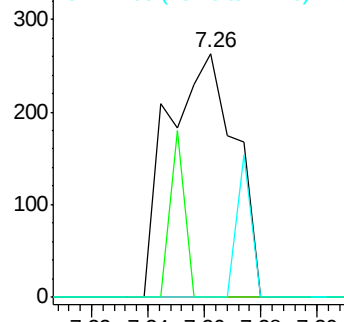
99 100

42 0.0 11.5 17.3#

71 0.0 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: BG020091.D

Acq: 11 Dec 2015 2:09

Tgt Ion: 136 Resp: 80934

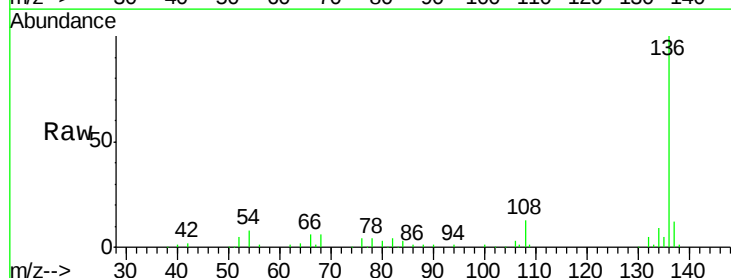
Ion Ratio Lower Upper

136 100

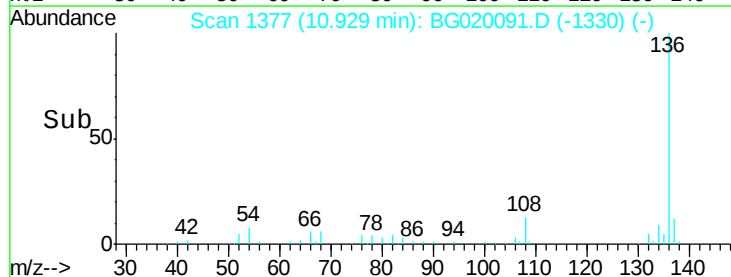
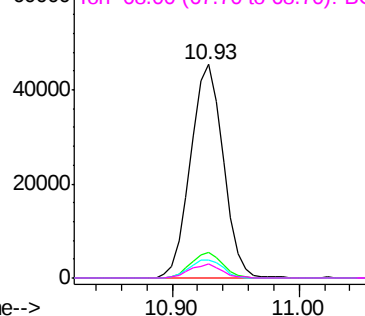
137 12.0 8.6 12.8

54 8.2 5.4 8.2#

68 6.5 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

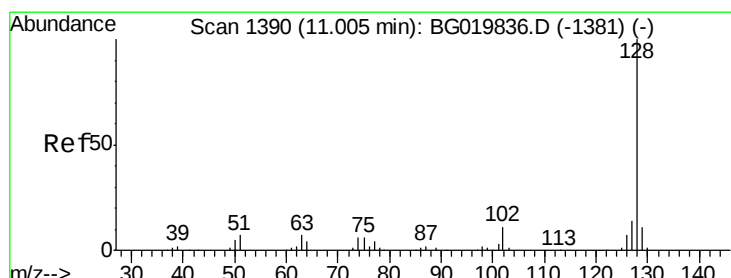
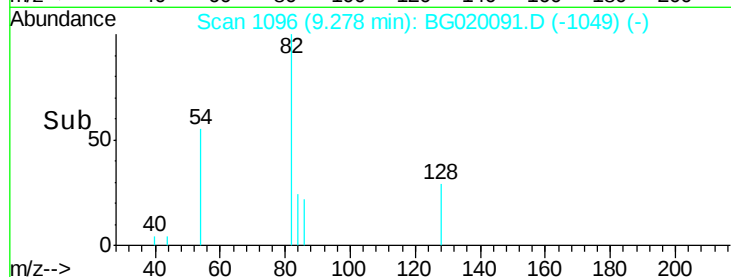
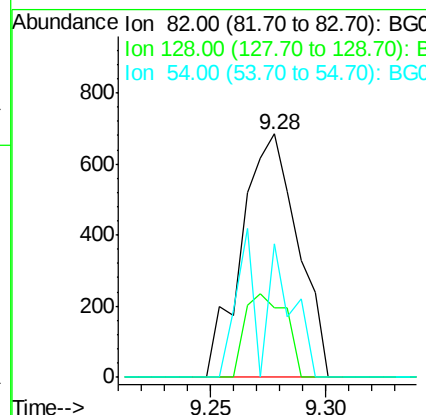
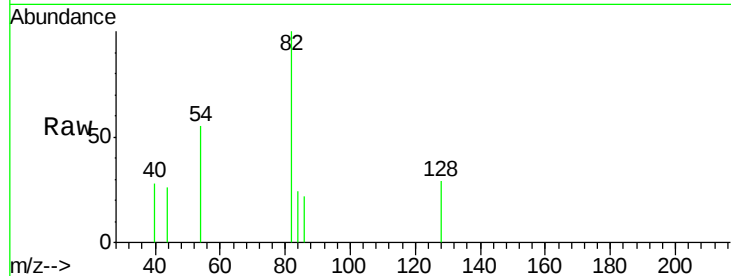




#23
Nitrobenzene-d5
Concen: 0.73 ng
RT: 9.28 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BG020091.D
Acq: 11 Dec 2015 2:09

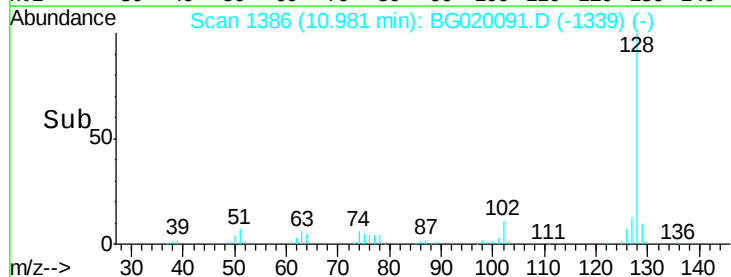
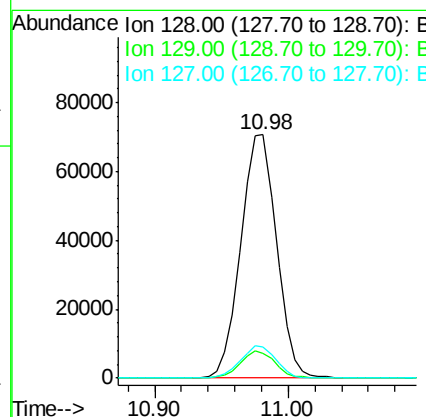
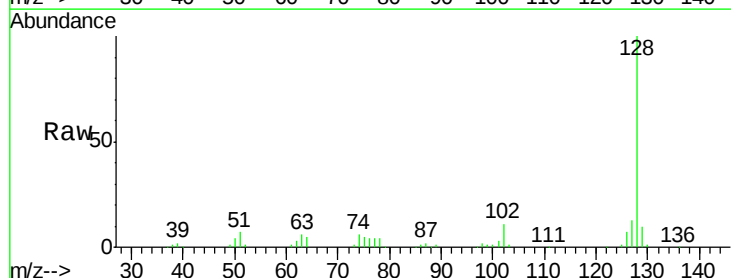
Instrument :
BNA_F
ClientSampled :
MW-14DL

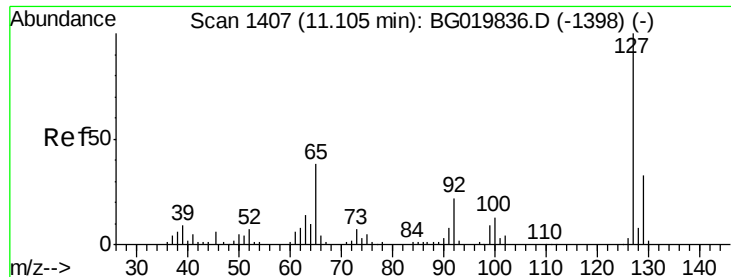
Tgt Ion: 82 Resp: 1158
Ion Ratio Lower Upper
82 100
128 28.8 36.7 55.1#
54 54.9 33.8 50.8#



#31
Naphthalene
Concen: 30.24 ng
RT: 10.98 min Scan# 1386
Delta R.T. -0.02 min
Lab File: BG020091.D
Acq: 11 Dec 2015 2:09

Tgt Ion: 128 Resp: 131125
Ion Ratio Lower Upper
128 100
129 10.3 8.5 12.7
127 13.0 10.6 16.0

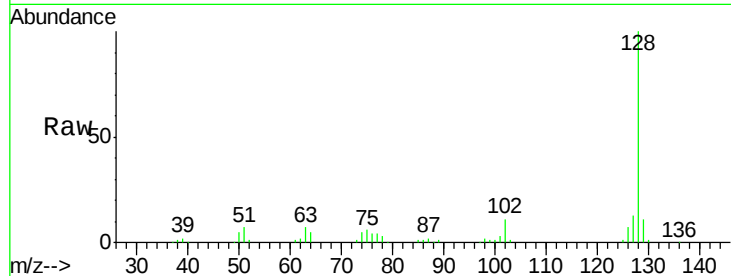




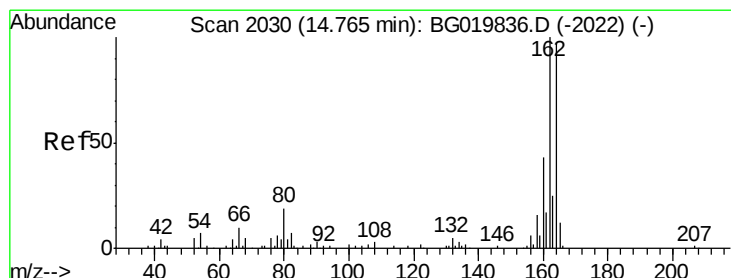
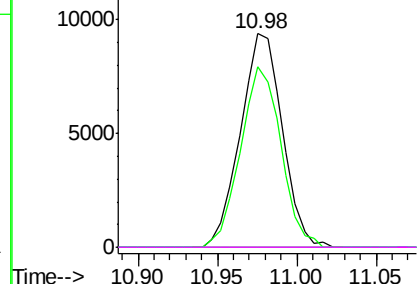
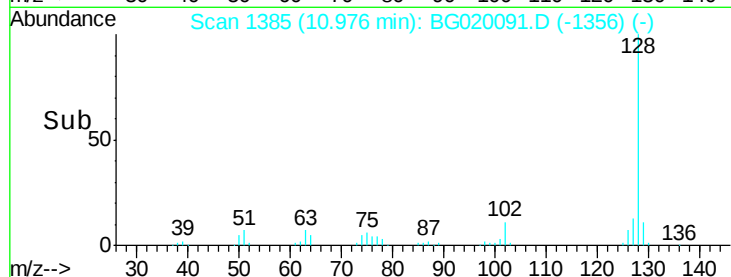
#33
4-Chloroaniline
Concen: 9.04 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.13 min
Lab File: BG020091.D
Acq: 11 Dec 2015 2:09

Instrument :
BNA_F
ClientSampleId :
MW-14DL

Tgt Ion:127 Resp: 17266
Ion Ratio Lower Upper
127 100
129 84.2 24.6 37.0#
65 0.0 22.6 33.8#
92 0.0 15.1 22.7#

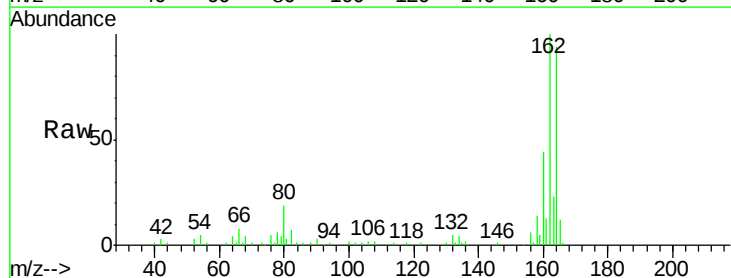


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

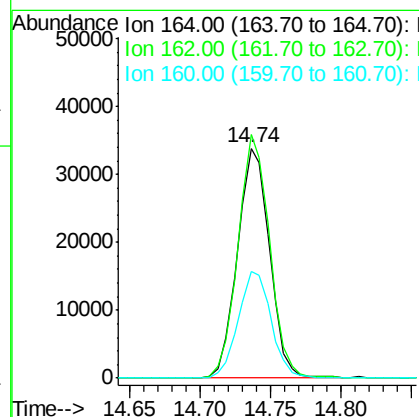
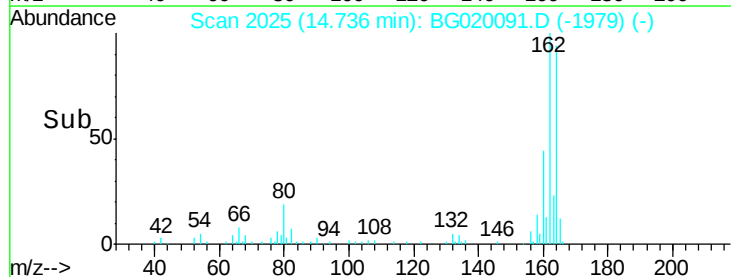


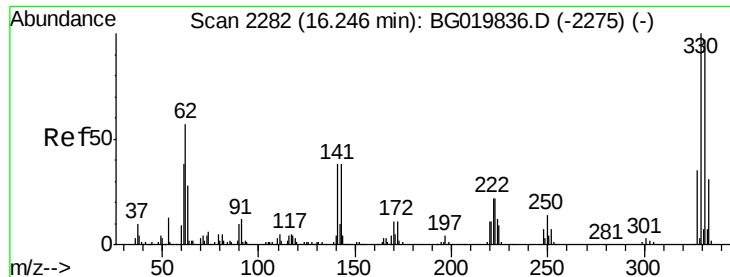
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2025
Delta R.T. -0.03 min
Lab File: BG020091.D
Acq: 11 Dec 2015 2:09

Tgt Ion:164 Resp: 53518
Ion Ratio Lower Upper
164 100
162 106.0 78.8 118.2
160 46.3 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

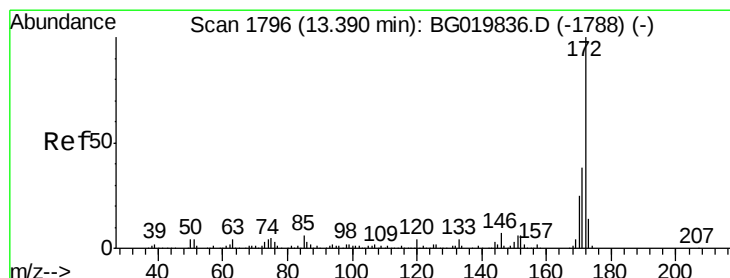
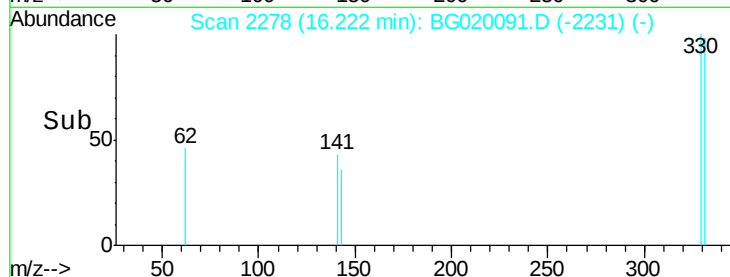
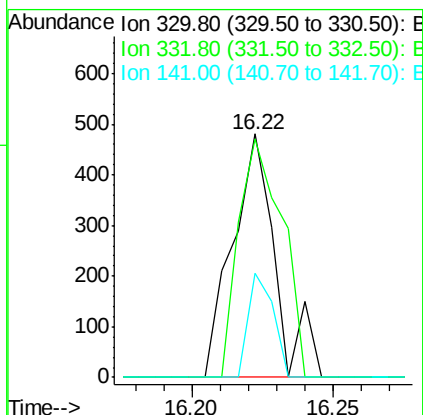
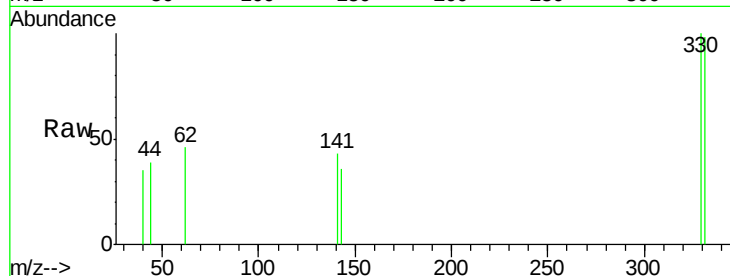




#41
 2,4,6-Tribromophenol
 Concen: 0.62 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG020091.D
 Acq: 11 Dec 2015 2:09

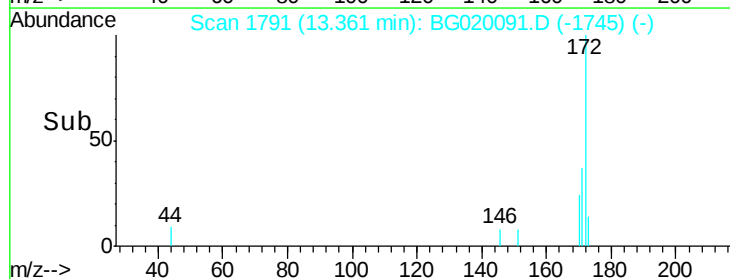
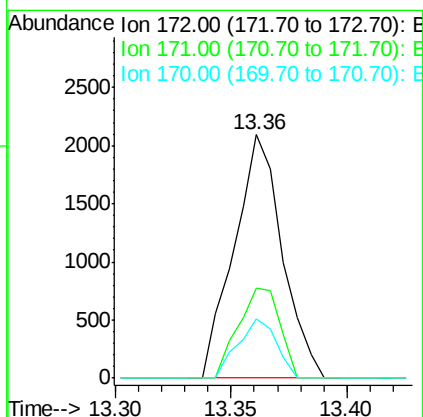
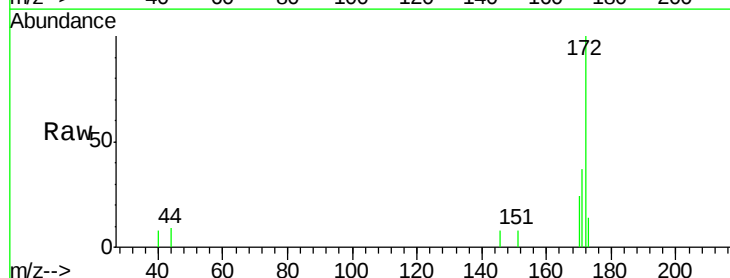
Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

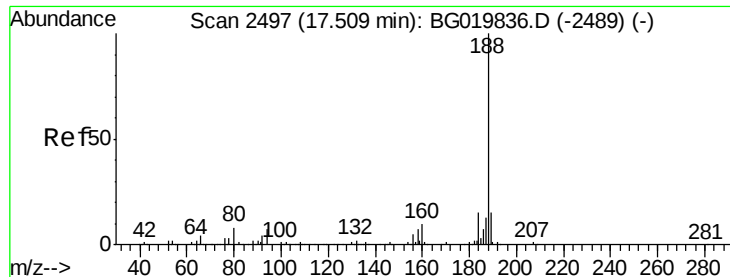
Tgt Ion: 330 Resp: 504
 Ion Ratio Lower Upper
 330 100
 332 99.8 78.1 117.1
 141 25.0 28.2 42.2#



#44
 2-Fluorobiphenyl
 Concen: 0.77 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020091.D
 Acq: 11 Dec 2015 2:09

Tgt Ion: 172 Resp: 3029
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.0 43.6
 170 24.2 19.9 29.9

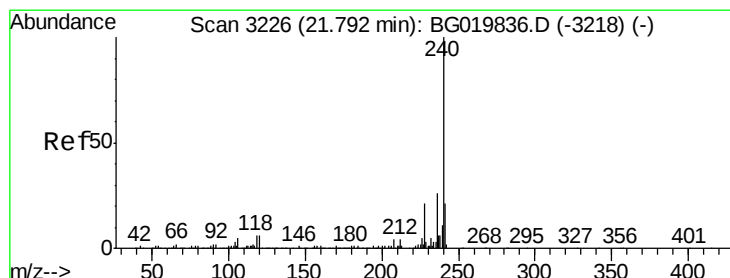
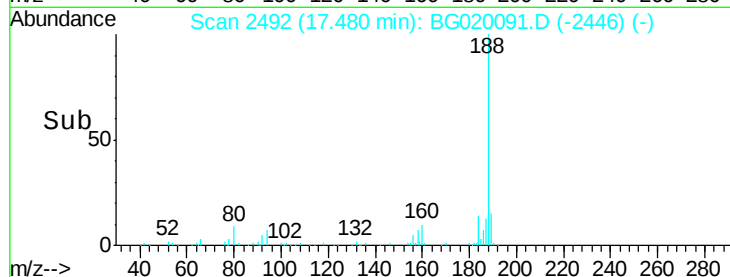
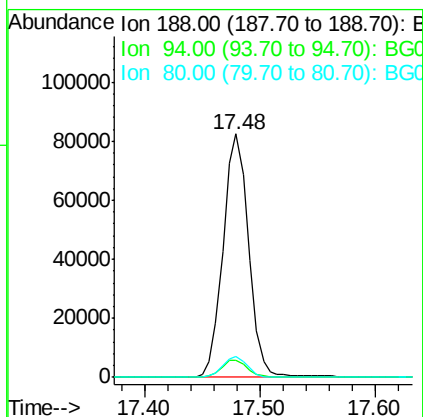
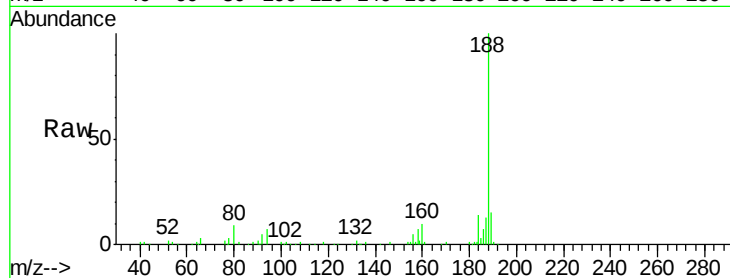




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.03 min
Lab File: BG020091.D
Acq: 11 Dec 2015 2:09

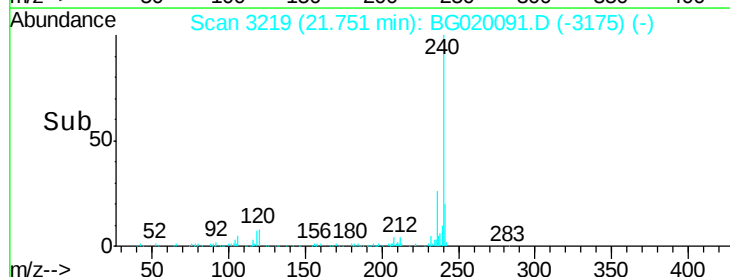
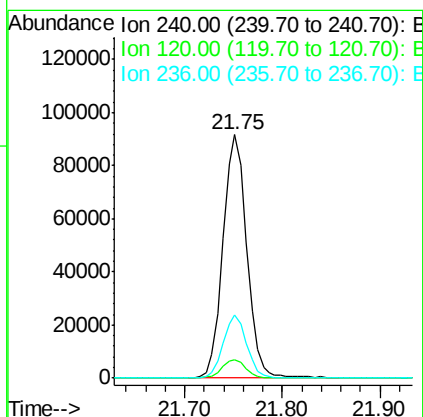
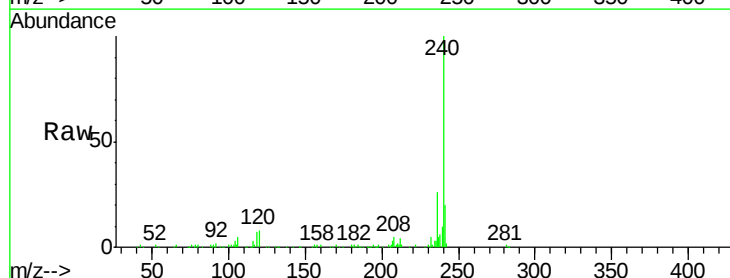
Instrument :
BNA_F
ClientSampleId :
MW-14DL

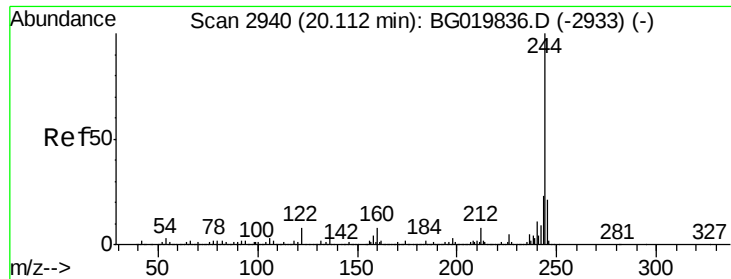
Tgt Ion:188 Resp: 126618
Ion Ratio Lower Upper
188 100
94 7.1 7.7 11.5#
80 8.6 7.8 11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020091.D
Acq: 11 Dec 2015 2:09

Tgt Ion:240 Resp: 155581
Ion Ratio Lower Upper
240 100
120 7.6 7.4 11.0
236 26.0 20.7 31.1

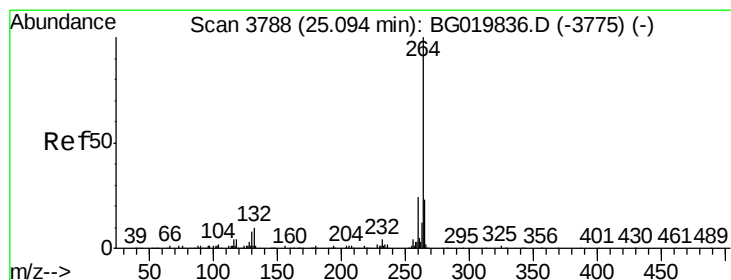
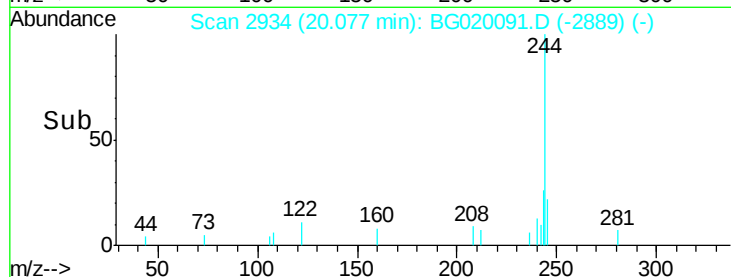
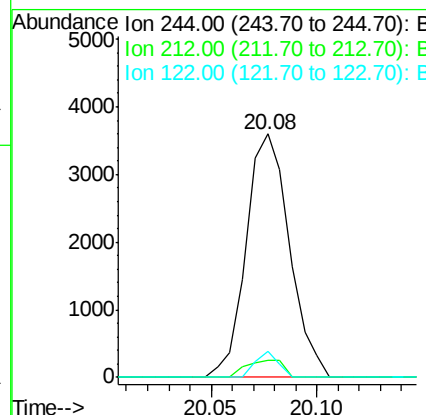
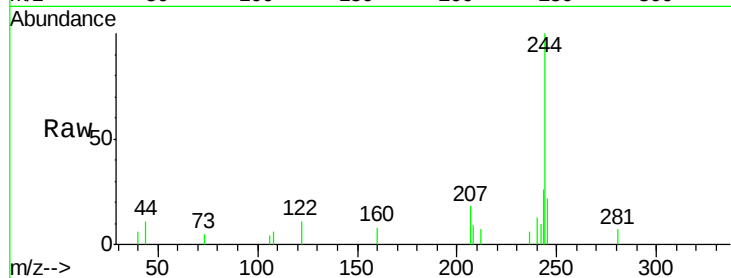




#78
 Terphenyl-d14
 Concen: 0.80 ng
 RT: 20.08 min Scan# 2934
 Delta R.T. -0.03 min
 Lab File: BG020091.D
 Acq: 11 Dec 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Tgt Ion:244 Resp: 5115
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.9 10.3
 122 10.9 10.2 15.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG020091.D
 Acq: 11 Dec 2015 2:09

Tgt Ion:264 Resp: 138356
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 20.9 17.2 25.8

