

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020091.D
 Acq On : 11 Dec 2015 2:09
 Operator : UM/SJ
 Sample : G4676-16DL2100X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL2

Quant Time: Dec 11 06:28:13 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

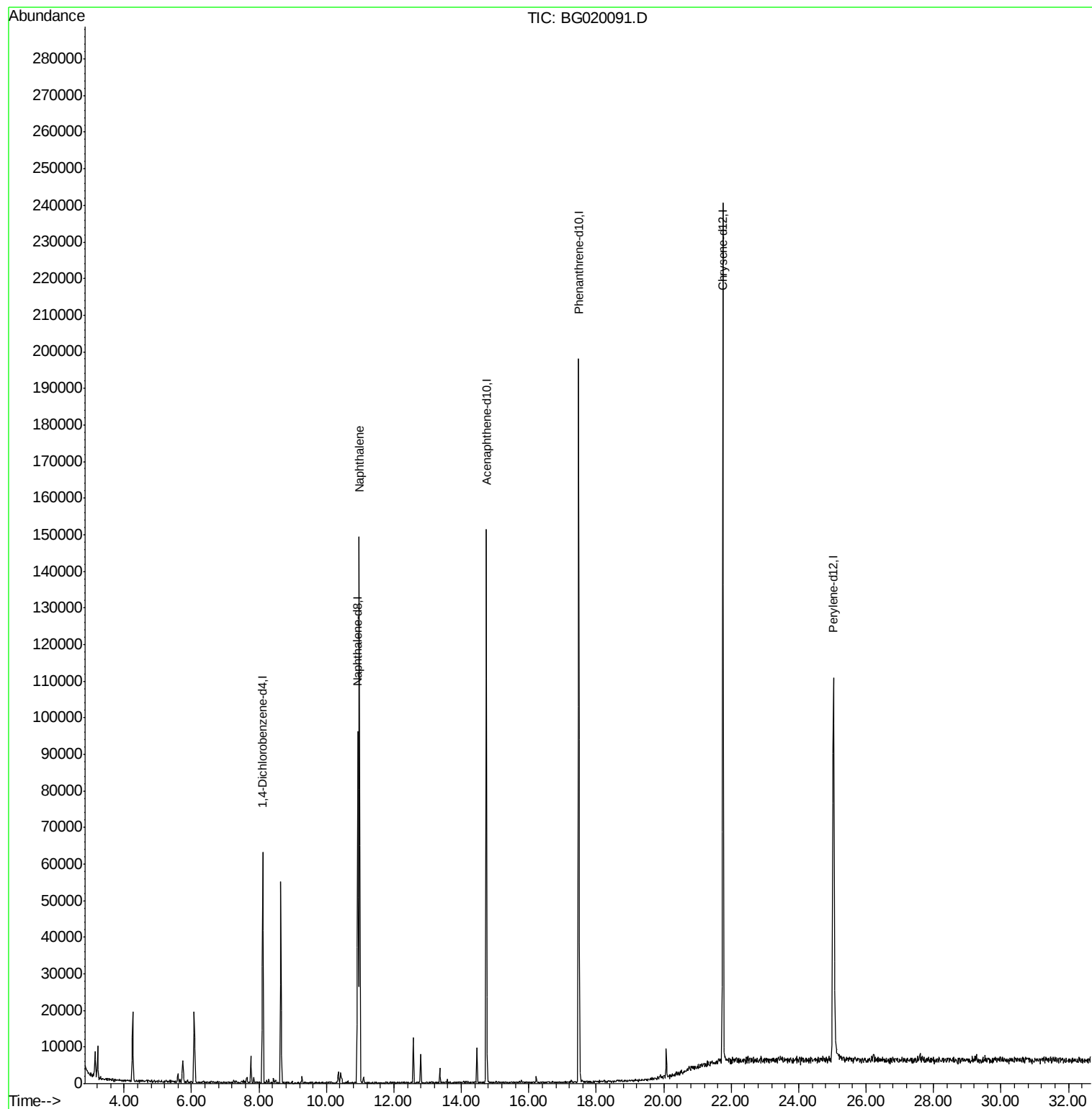
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	18031	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	80934	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	53518	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	126618	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	155581	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

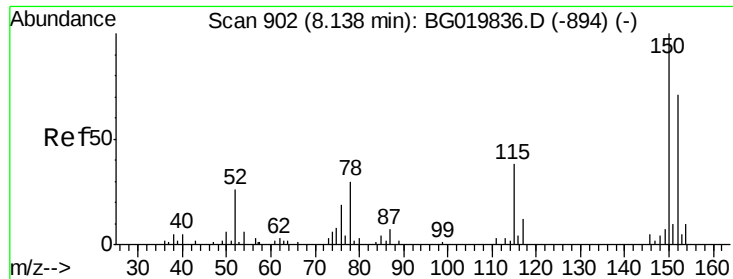
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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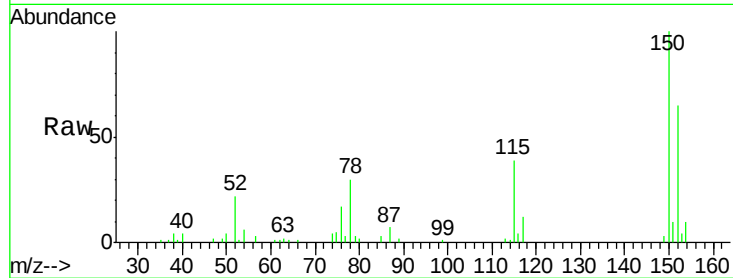


#1

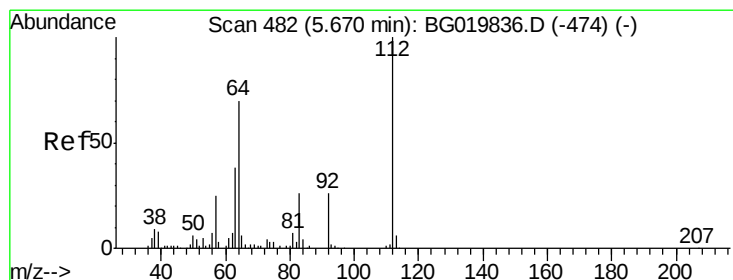
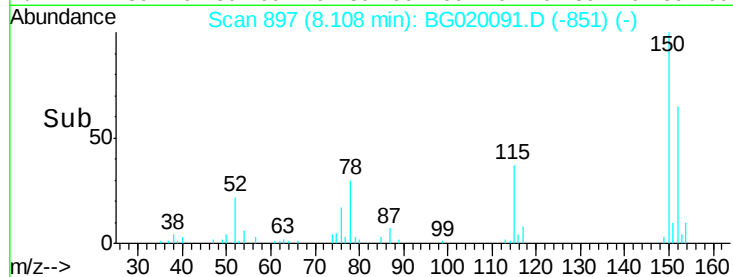
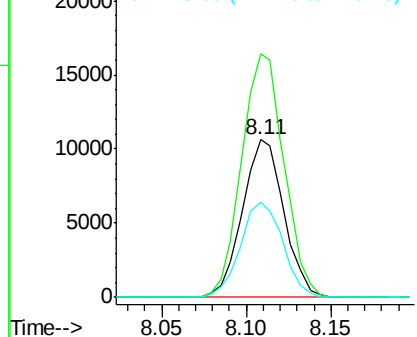
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 897
 Delta R.T. -0.03 min
 Lab File: BG020091.D
 Acq: 11 Dec 2015 2:09

Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL2

Tot Ion:152 Resp: 18031
 Ion Ratio Lower Upper
 152 100
 150 154.5 115.0 172.4
 115 60.2 43.9 65.9



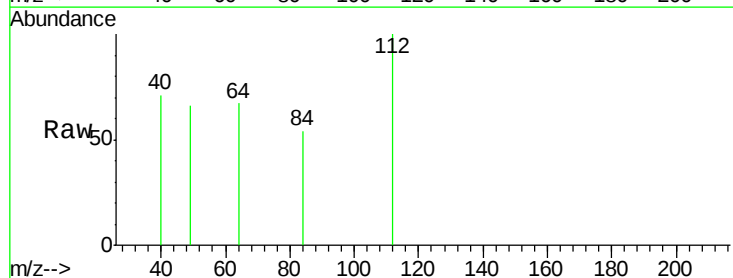
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



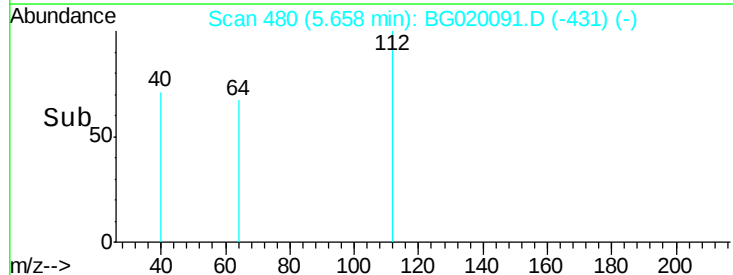
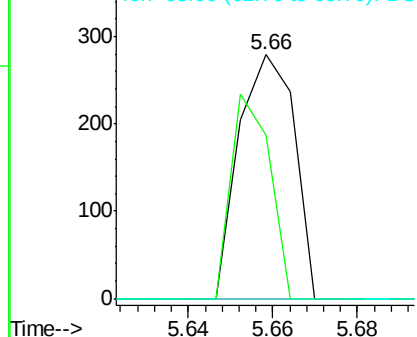
#5

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_G

ClientSampleId :

MW-14DL2

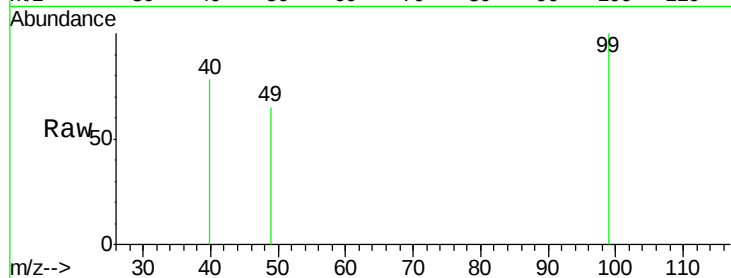
Tot Ion: 99 Resp: 432

Ion Ratio Lower Upper

99 100

42 0.0 11.5 17.3#

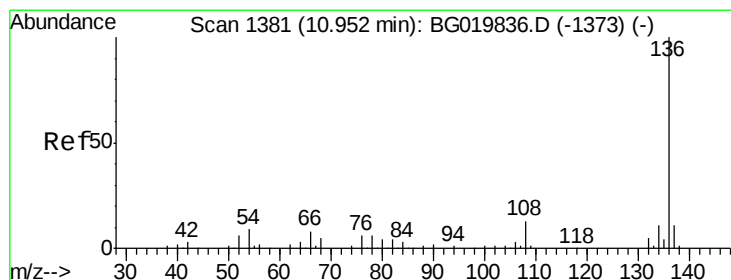
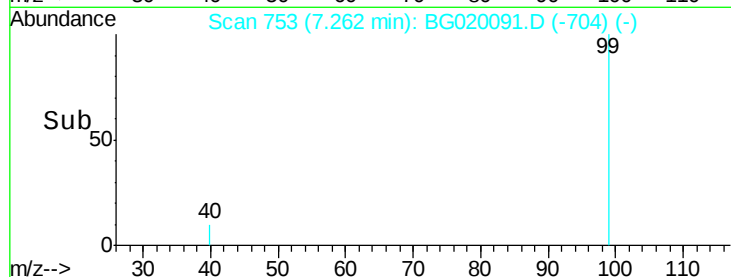
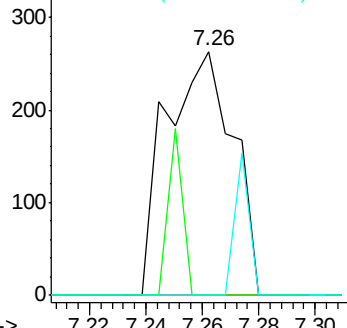
71 0.0 22.6 34.0#



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

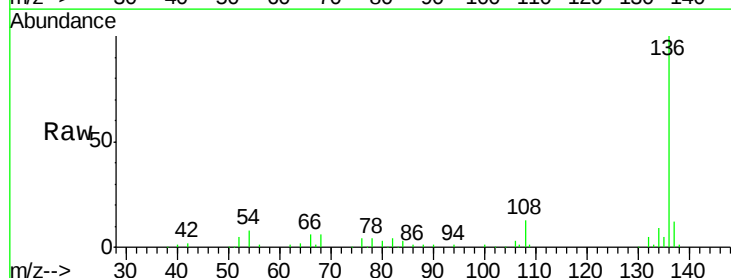
Ion Ratio Lower Upper

136 100

137 12.0 8.6 12.8

54 8.2 5.4 8.2#

68 6.5 5.3 7.9

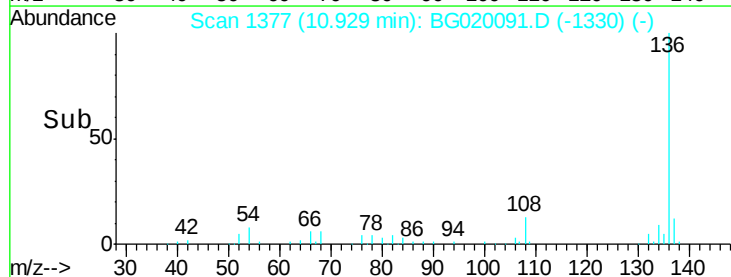
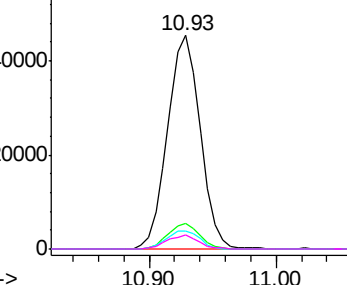


Abundance Ion 136.00 (135.70 to 136.70): BGC

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

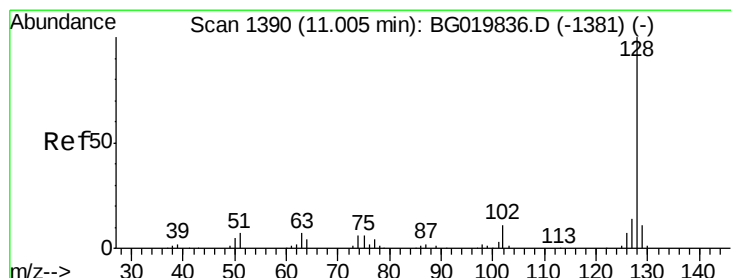
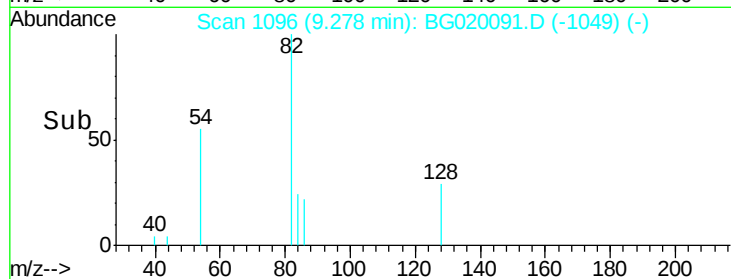
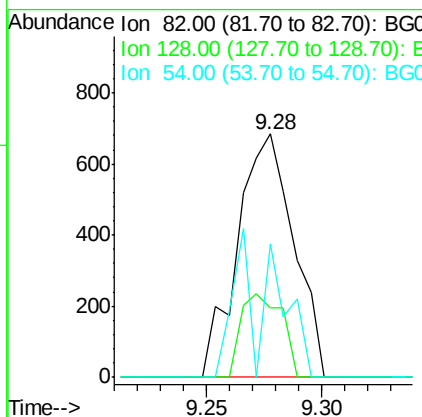
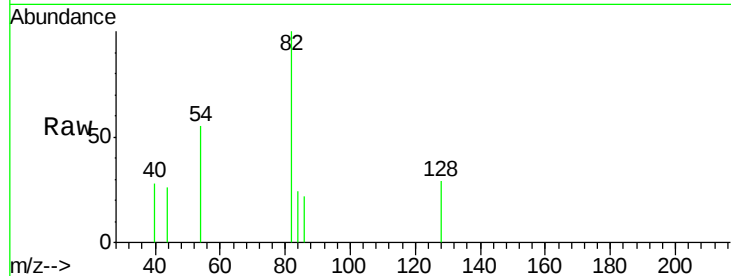




#23
 Nitrobenzene-d5
 Concen: 0.73 ng
 RT: 9.28 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BG020091.D
 Acq: 11 Dec 2015 2:09

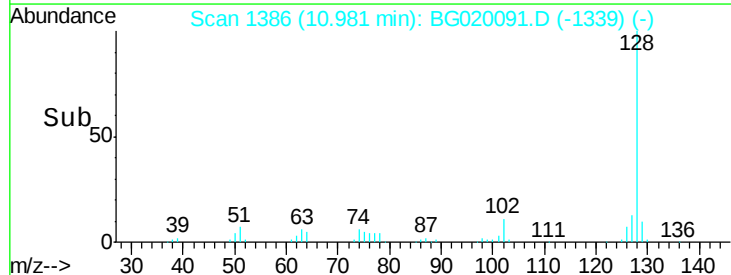
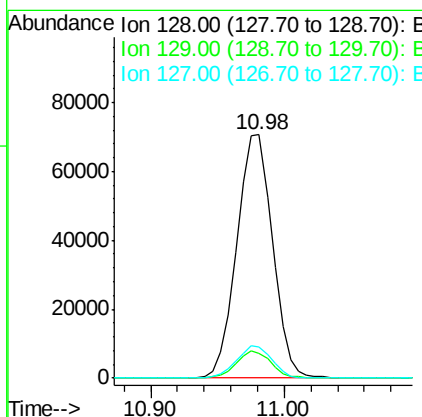
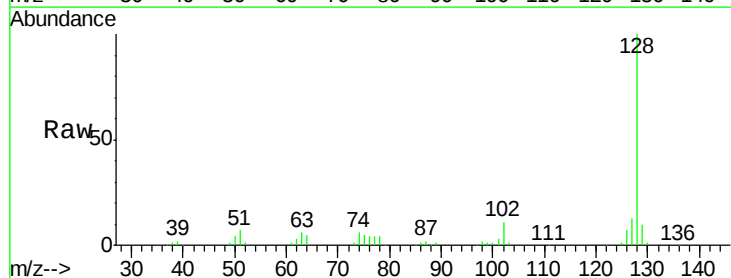
Instrument :
 BNA_G
 ClientSampleId :
 MW-14DL2

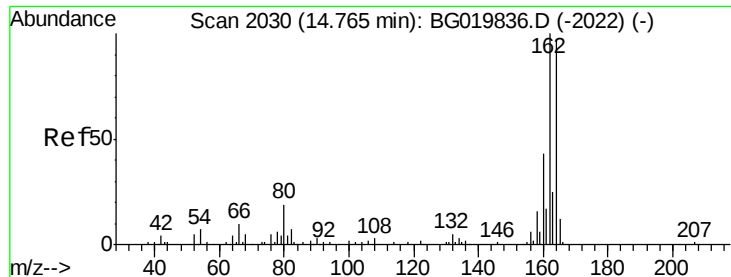
Tot Ion: 82 Resp: 1158
 Ion Ratio Lower Upper
 82 100
 128 28.8 36.7 55.1#
 54 54.9 33.8 50.8#



#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





#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

Instrument :

BNA_G

ClientSampleId :

MW-14DL2

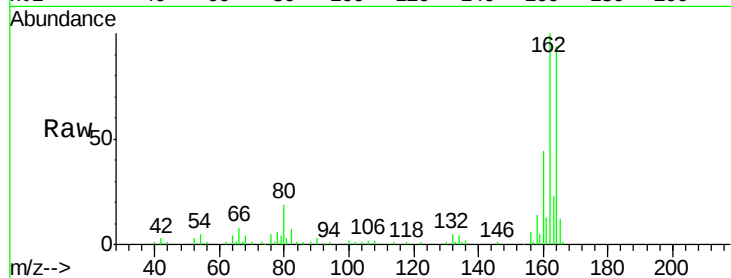
Tot Ion:164 Resp: 53518

Ion Ratio Lower Upper

164 100

162 106.0 78.8 118.2

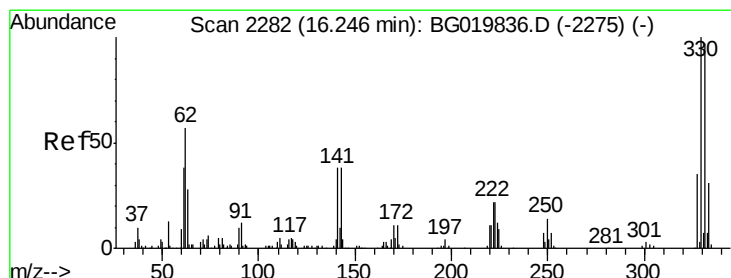
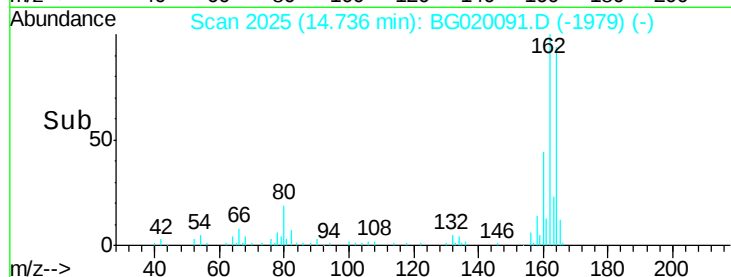
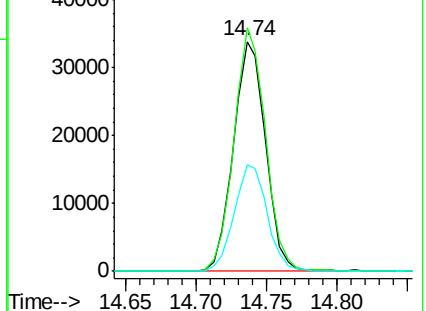
160 46.3 36.4 54.6



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

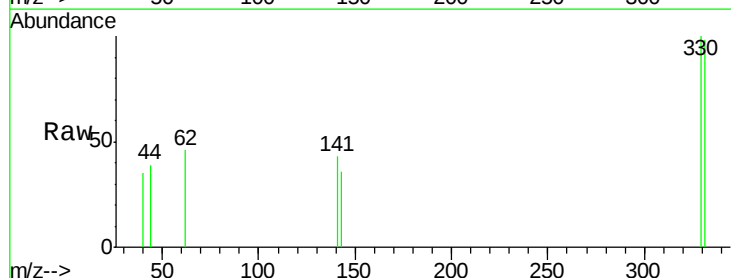
Tgt Ion:330 Resp: 504

Ion Ratio Lower Upper

330 100

332 99.8 78.1 117.1

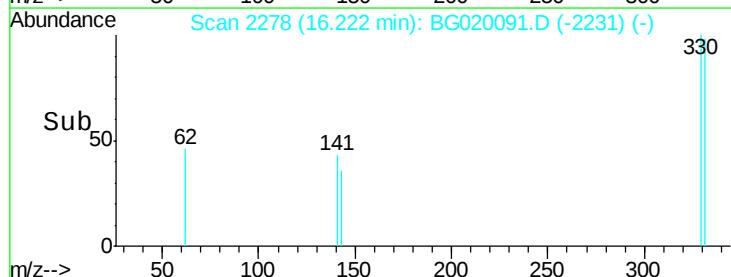
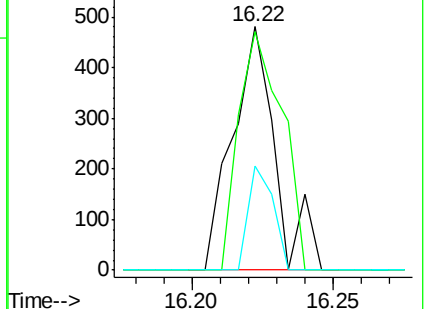
141 25.0 28.2 42.2#

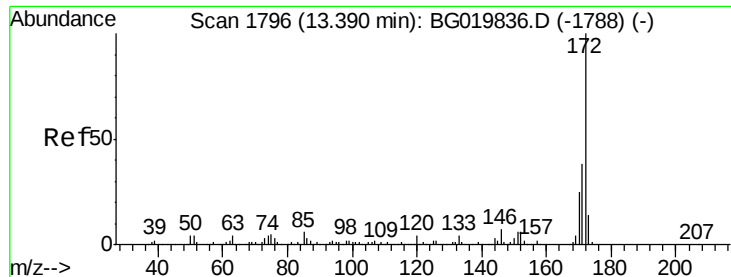


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

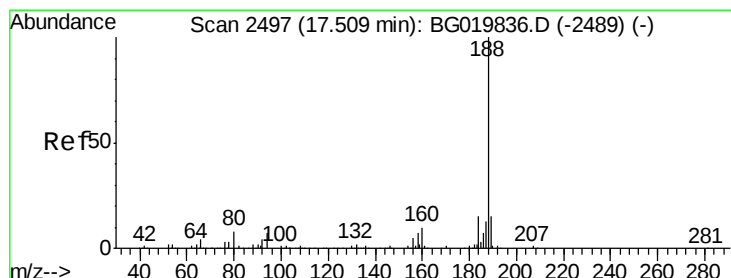
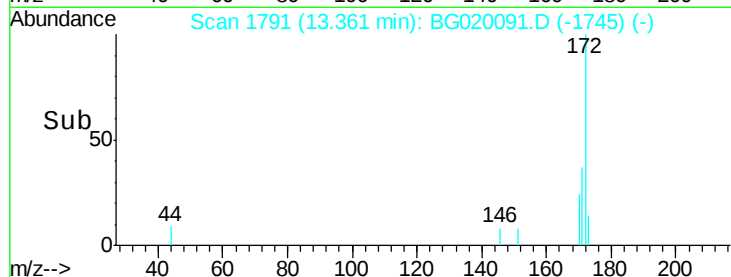
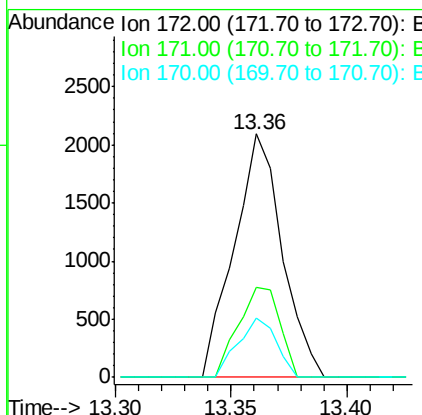
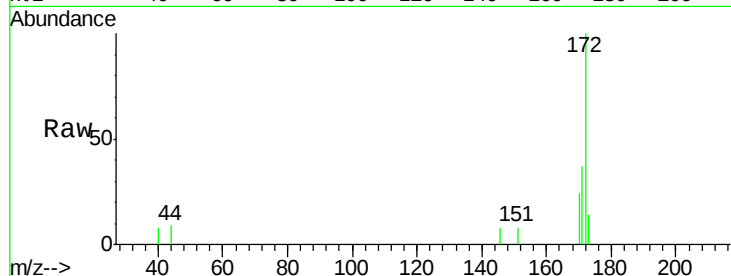




#44
2-Fluorobiphenyl
Concen: 0.77 ng
RT: 13.36 min Scan# 1791
Delta R.T. -0.03 min
Lab File: BG020091.D
Acq: 11 Dec 2015 2:09

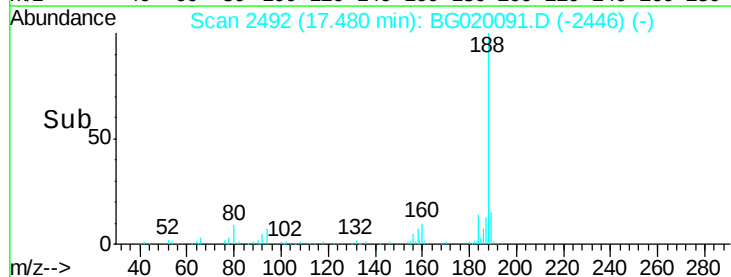
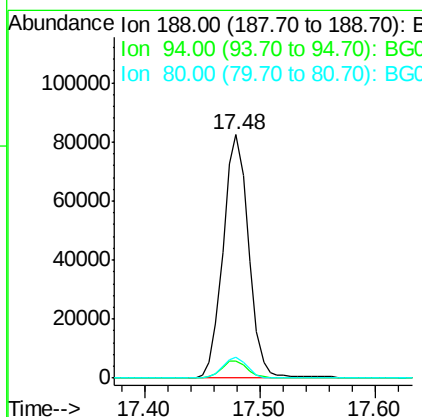
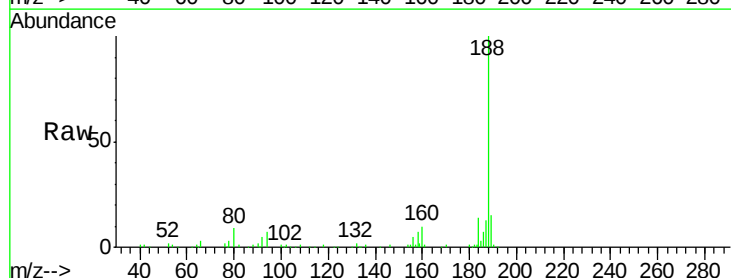
Instrument :
BNA_G
ClientSampleId :
MW-14DL2

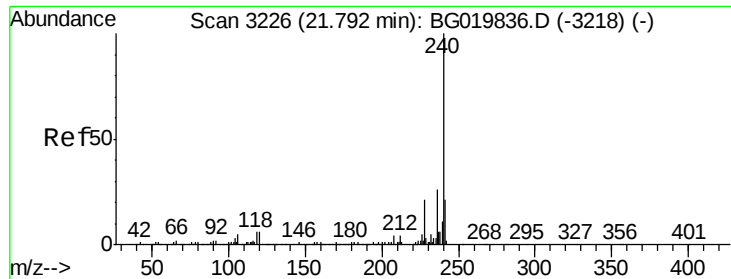
Tot Ion:172 Resp: 3029
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.6
170 24.2 19.9 29.9



#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

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

Instrument :

BNA_G

ClientSampleId :

MW-14DL2

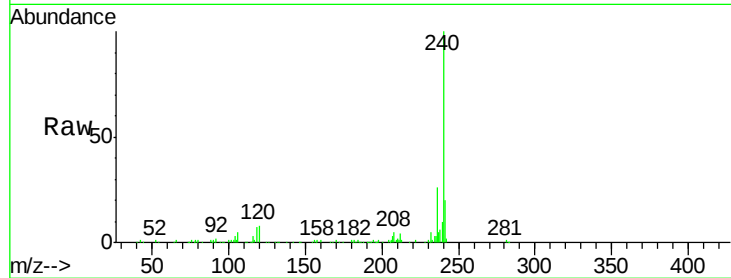
Tot Ion:240 Resp: 155581

Ion Ratio Lower Upper

240 100

120 7.6 7.4 11.0

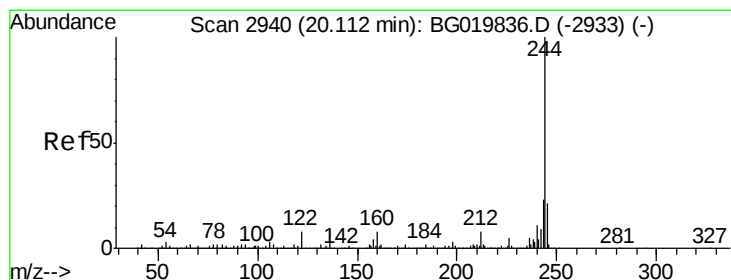
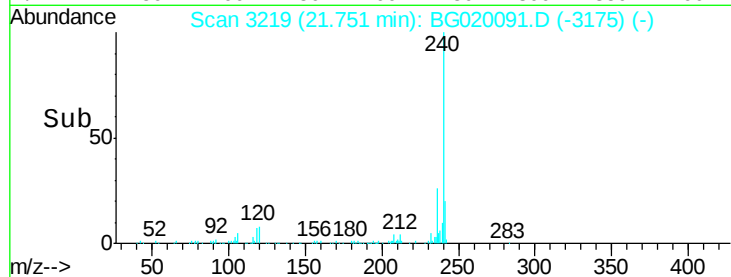
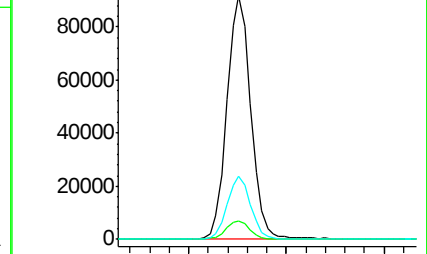
236 26.0 20.7 31.1



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: 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

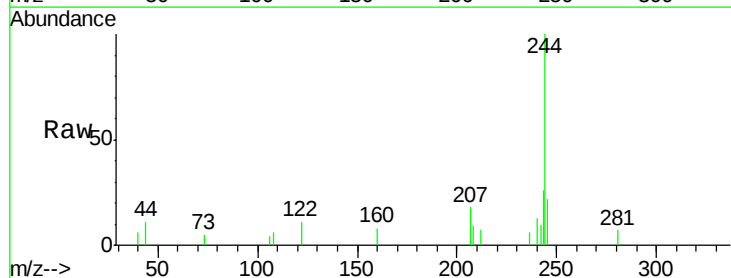
Tgt Ion:244 Resp: 5115

Ion Ratio Lower Upper

244 100

212 7.1 6.9 10.3

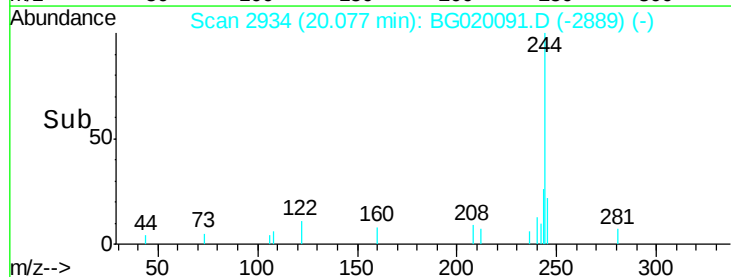
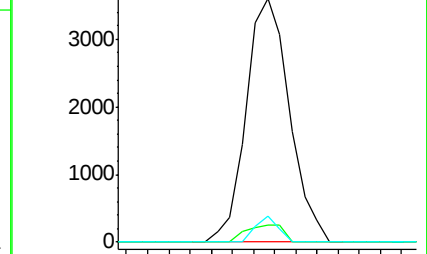
122 10.9 10.2 15.2

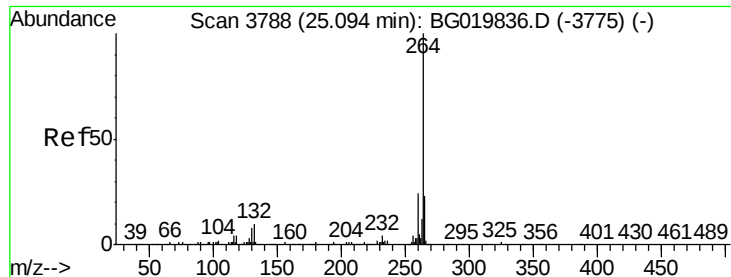


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

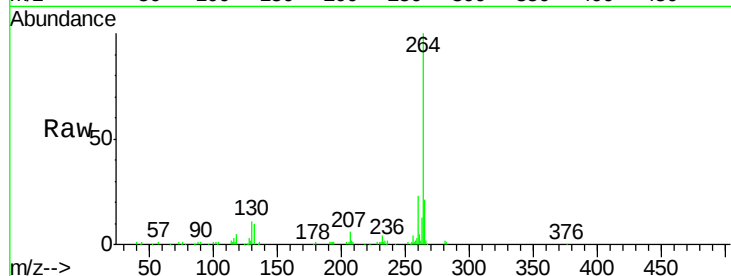




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.04 min Scan# 3778
Delta R.T. -0.06 min
Lab File: BG020091.D
Acq: 11 Dec 2015 2:09

Instrument :
BNA_G
ClientSampleId :
MW-14DL2

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	20.9	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

