

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121115\
 Data File : BG020090.D
 Acq On : 11 Dec 2015 1:30
 Operator : UM/SJ
 Sample : G4676-10DL 25X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-16DL

Quant Time: Dec 11 06:25:40 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

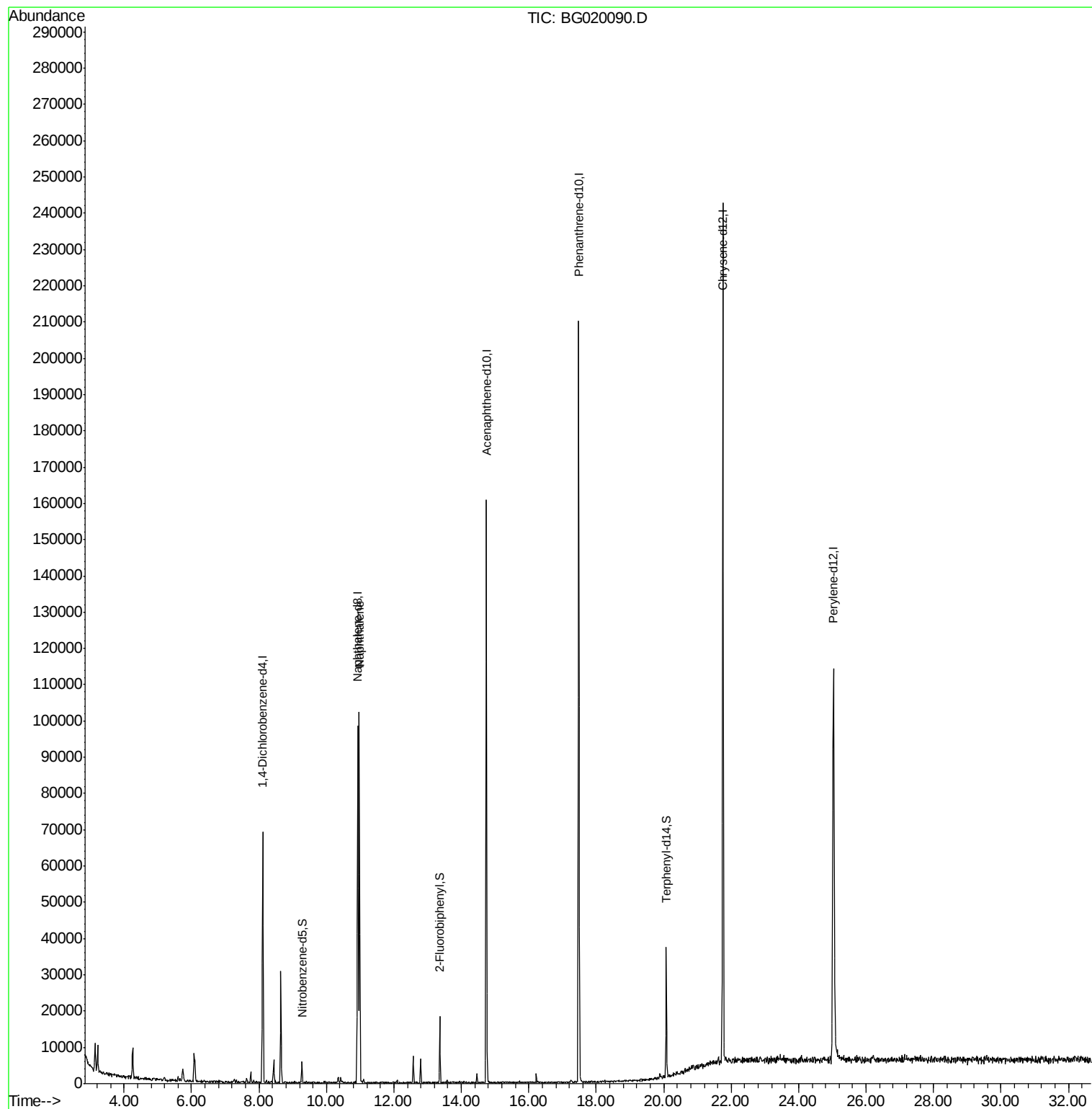
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	19525	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	86474	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	56973	20.00	ng	-0.03
63) Phenanthrene-d10	17.48	188	134098	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	159882	20.00	ng	-0.04
86) Perylene-d12	25.04	264	143285	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	552	0.51	ng	-0.01
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	9.27	82	4052	2.39	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	958	1.10	ng	-0.02
44) 2-Fluorobiphenyl	13.36	172	10320	2.47	ng	-0.03
78) Terphenyl-d14	20.08	244	18522	2.83	ng	-0.03
Target Compounds						
31) Naphthalene	10.98	128	87833	18.96	ng	Qvalue 99

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

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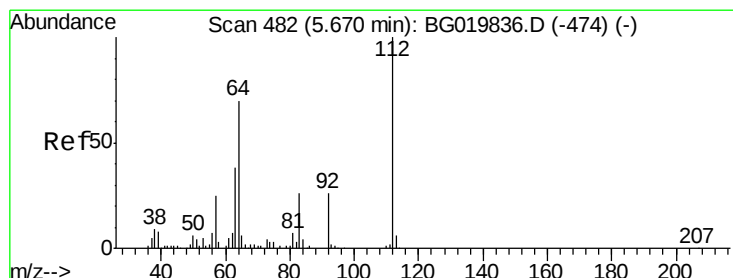
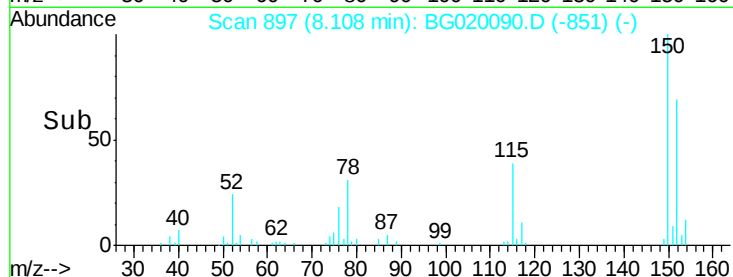
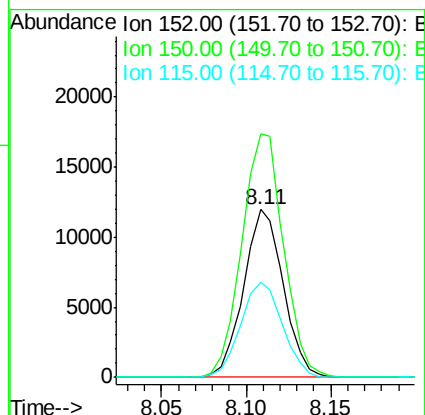
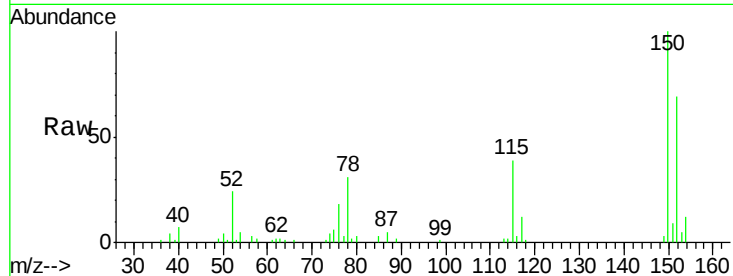


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.11 min Scan# 897
Delta R.T. -0.03 min
Lab File: BG020090.D
Acq: 11 Dec 2015 1:30

Instrument :
BNA_G
ClientSampleId :
MW-16DL

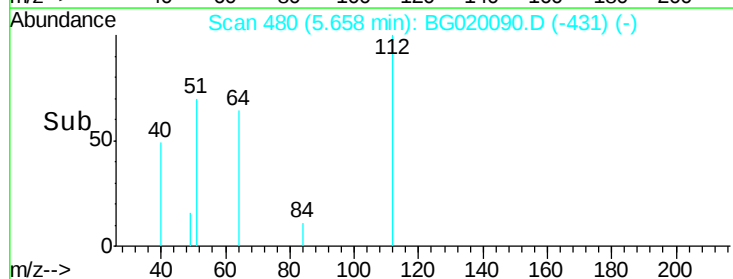
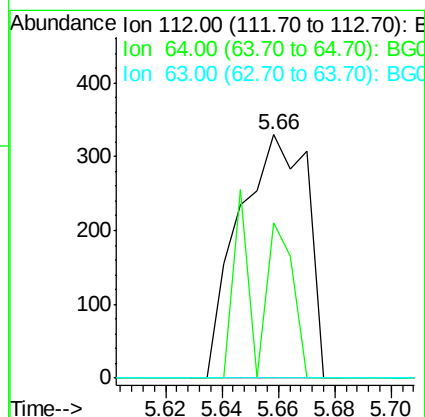
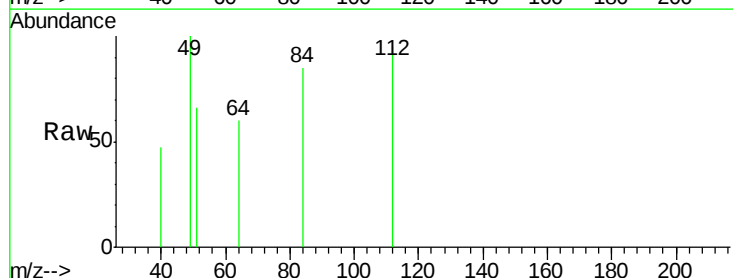
Tot Ion:152 Resp: 19525
Ion Ratio Lower Upper
152 100
150 145.2 115.0 172.4
115 57.0 43.9 65.9

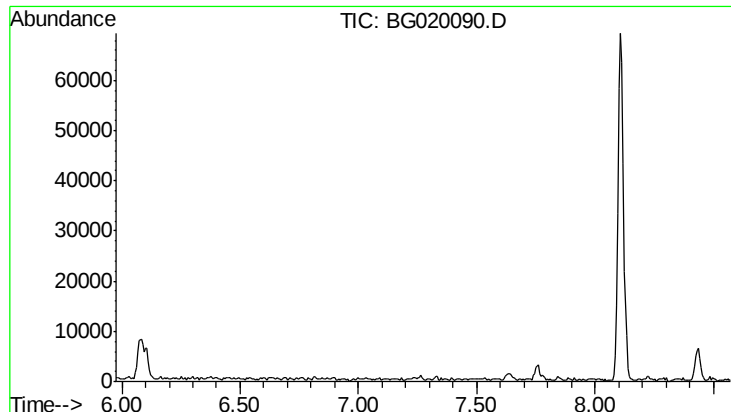


#5

2-Fluorophenol
Concen: 0.51 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG020090.D
Acq: 11 Dec 2015 1:30

Tgt Ion:112 Resp: 552
Ion Ratio Lower Upper
112 100
64 63.9 43.7 65.5
63 0.0 24.0 36.0#





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 7.27 min

Lab File: BG020090.D

Acq: 11 Dec 2015 1:30

Instrument :

BNA_G

ClientSampleId :

MW-16DL

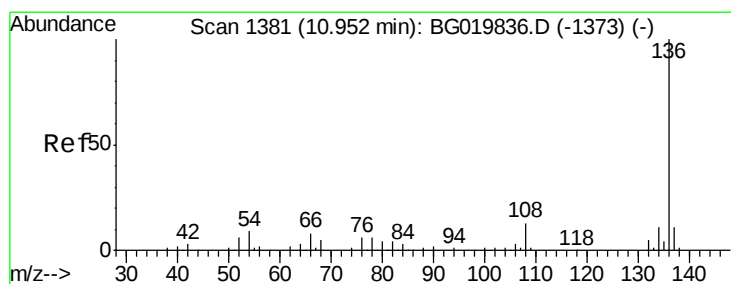
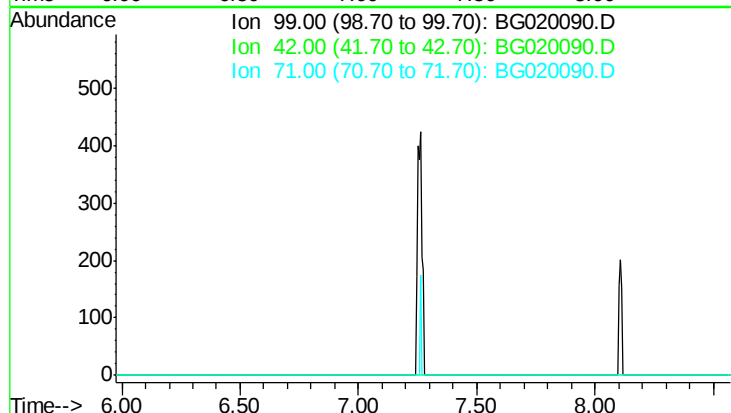
Tot Ion: 99

Sig Exp Ratio

99 100

42 14.4

71 28.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020090.D

Acq: 11 Dec 2015 1:30

Tgt Ion: 136 Resp: 86474

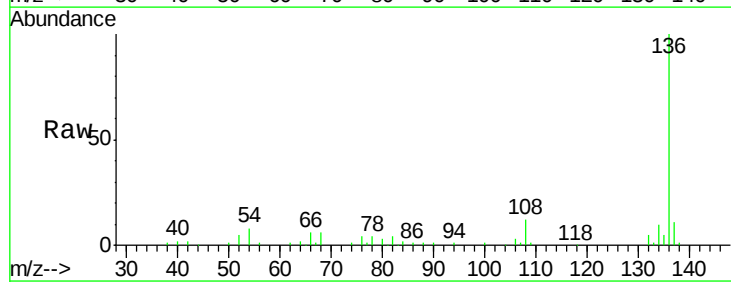
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 8.3 5.4 8.2#

68 6.1 5.3 7.9

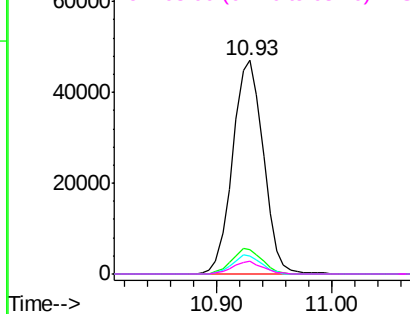
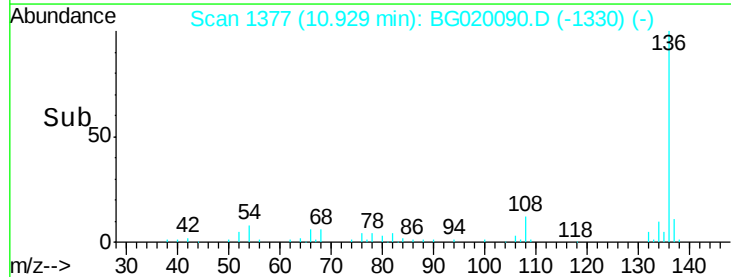


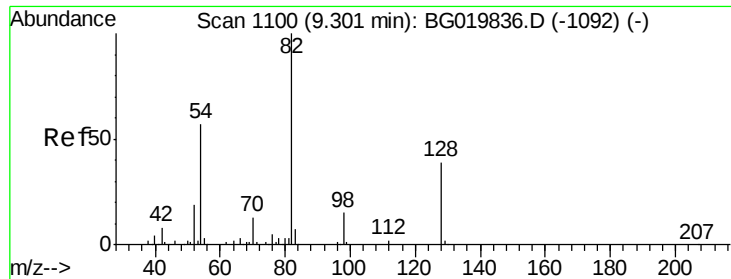
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

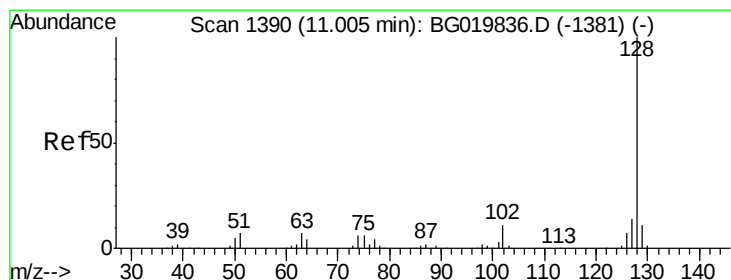
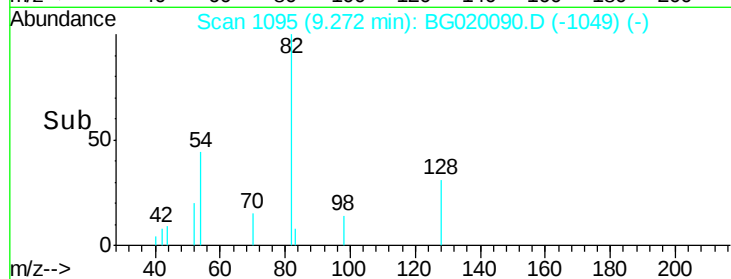
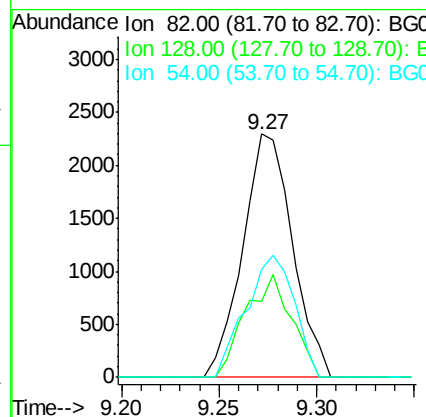
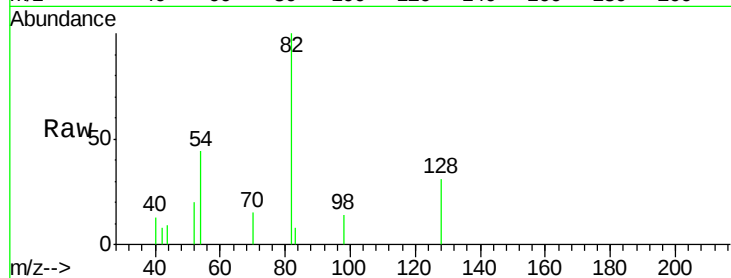




#23
 Nitrobenzene-d5
 Concen: 2.39 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

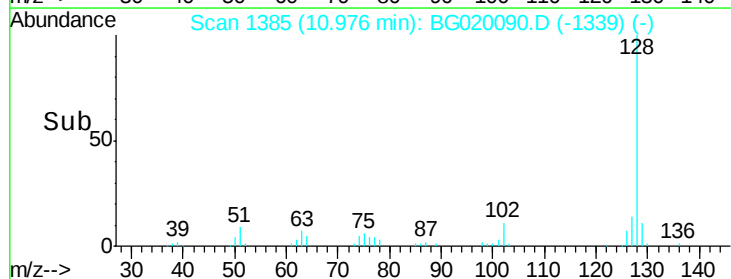
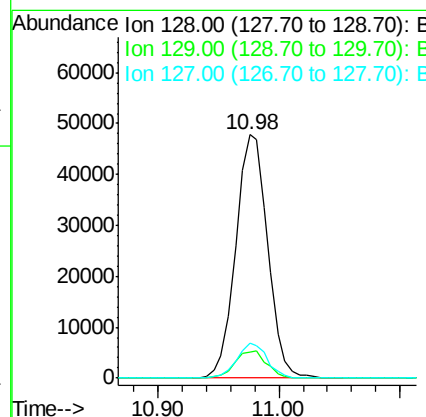
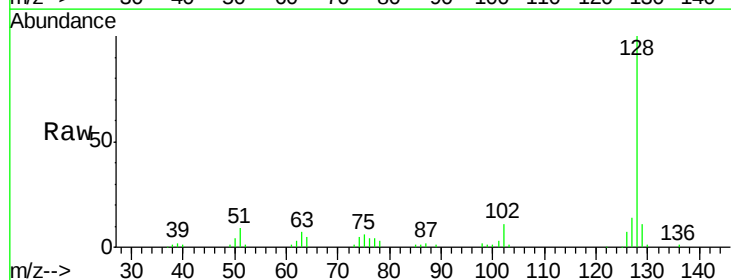
Instrument :
 BNA_G
 ClientSampleId :
 MW-16DL

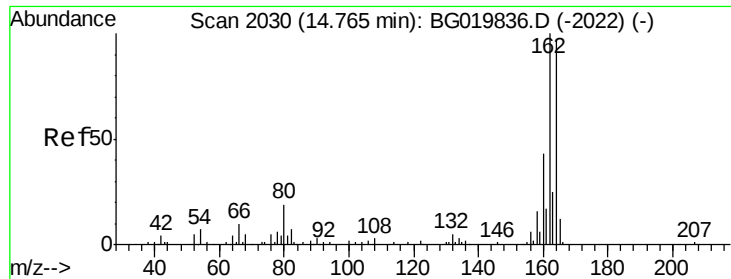
Tot Ion: 82 Resp: 4052
 Ion Ratio Lower Upper
 82 100
 128 31.2 36.7 55.1#
 54 44.2 33.8 50.8



#31
 Naphthalene
 Concen: 18.96 ng
 RT: 10.98 min Scan# 1385
 Delta R.T. -0.03 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

Tgt Ion: 128 Resp: 87833
 Ion Ratio Lower Upper
 128 100
 129 10.7 8.5 12.7
 127 14.3 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: BG020090.D

Acq: 11 Dec 2015 1:30

Instrument :

BNA_G

ClientSampleId :

MW-16DL

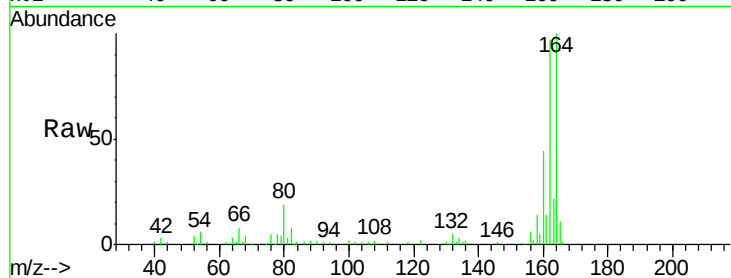
Tot Ion:164 Resp: 56973

Ion Ratio Lower Upper

164 100

162 97.3 78.8 118.2

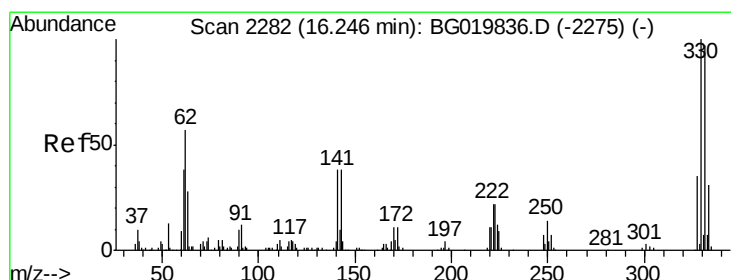
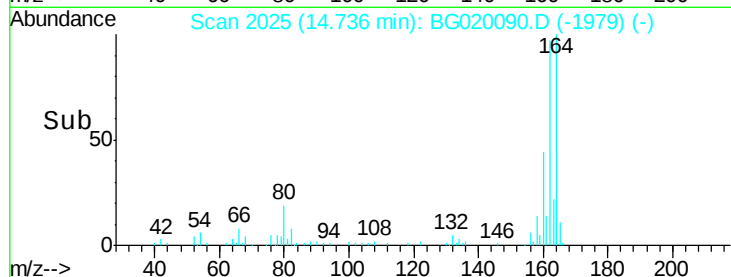
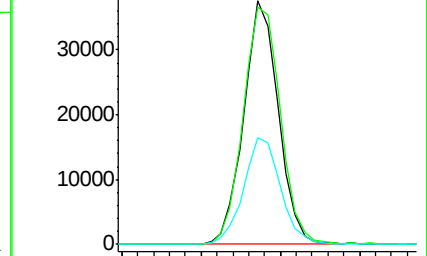
160 43.6 36.4 54.6



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: 1.10 ng

RT: 16.22 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG020090.D

Acq: 11 Dec 2015 1:30

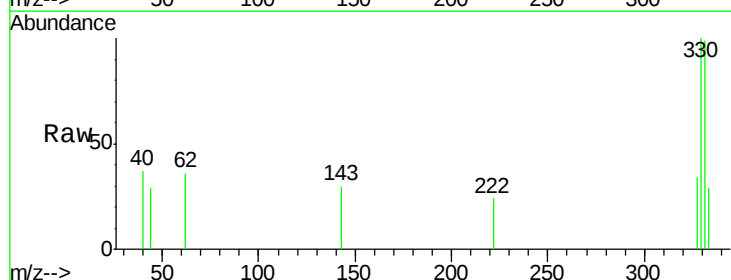
Tgt Ion:330 Resp: 958

Ion Ratio Lower Upper

330 100

332 69.7 78.1 117.1#

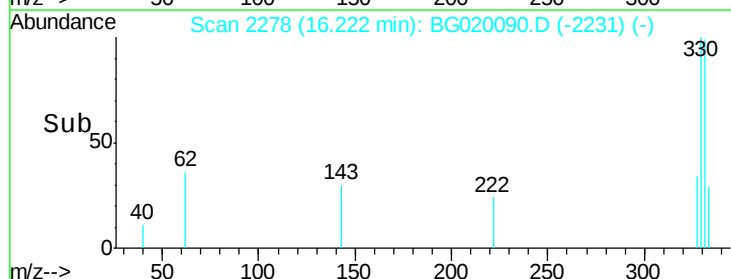
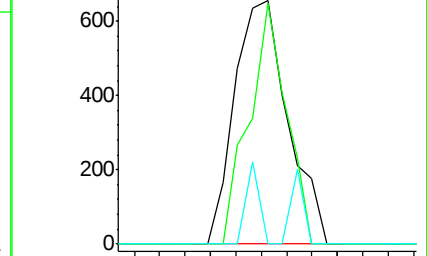
141 8.1 28.2 42.2#

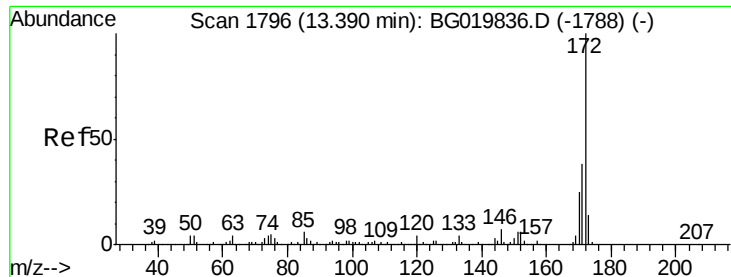


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

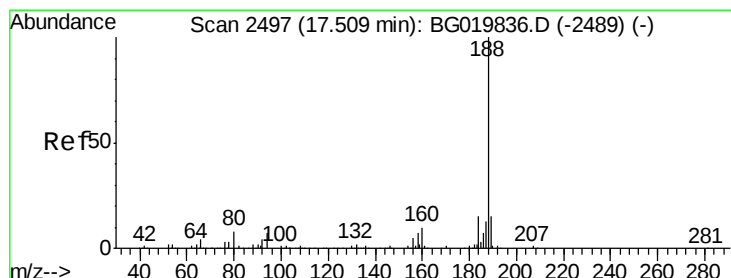
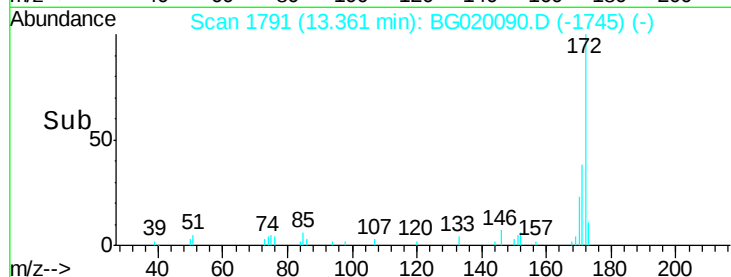
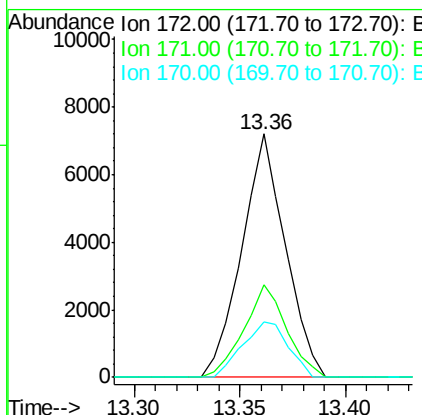
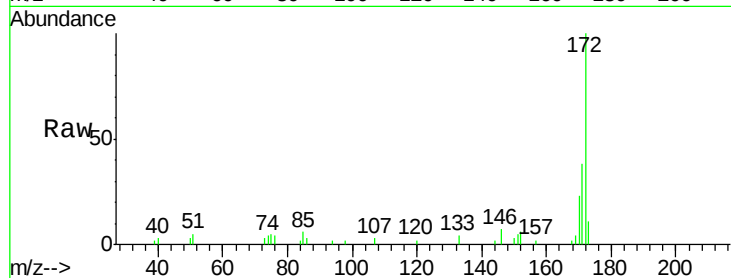




#44
 2-Fluorobiphenyl
 Concen: 2.47 ng
 RT: 13.36 min Scan# 1791
 Delta R.T. -0.03 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

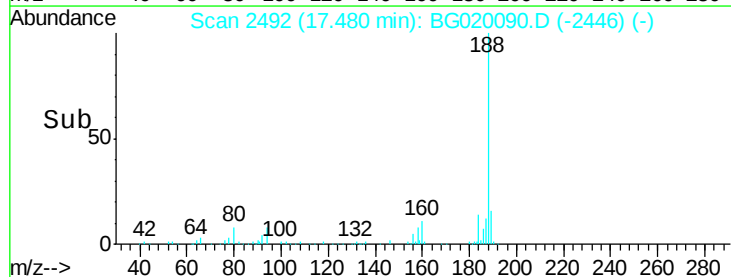
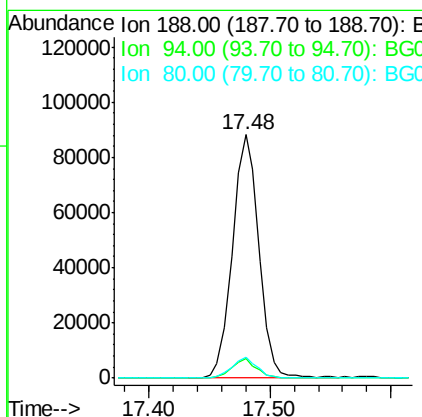
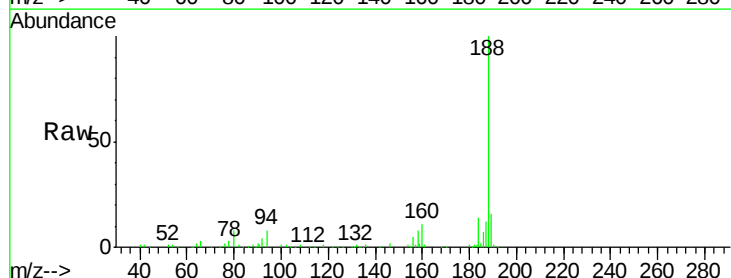
Instrument :
 BNA_G
 ClientSampleId :
 MW-16DL

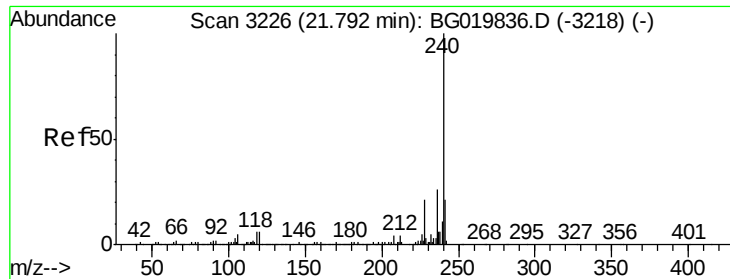
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.0	43.6
170	22.7	19.9	29.9



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.48 min Scan# 2492
 Delta R.T. -0.03 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.7	11.5
80	8.4	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: BG020090.D

Acq: 11 Dec 2015 1:30

Instrument :

BNA_G

ClientSampleId :

MW-16DL

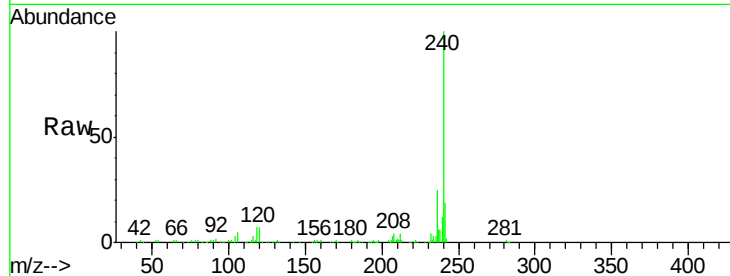
Tot Ion:240 Resp: 159882

Ion Ratio Lower Upper

240 100

120 7.0 7.4 11.0#

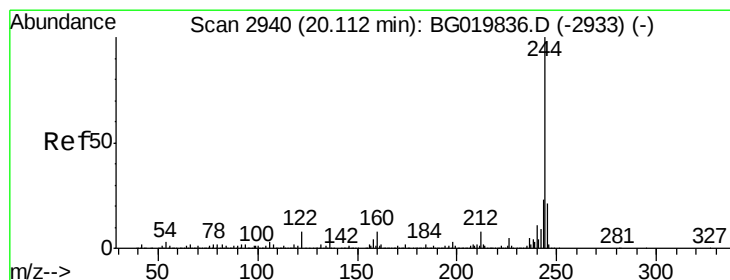
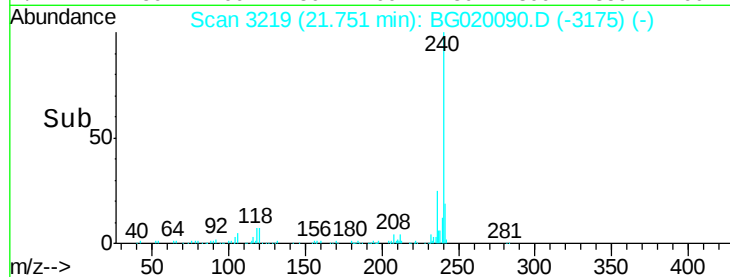
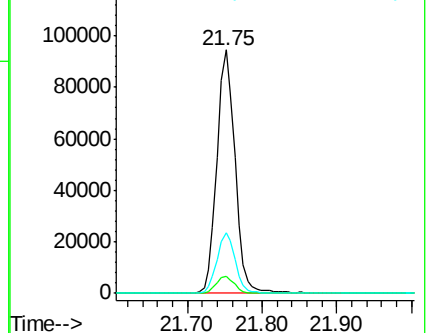
236 24.9 20.7 31.1



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: 2.83 ng

RT: 20.08 min Scan# 2934

Delta R.T. -0.03 min

Lab File: BG020090.D

Acq: 11 Dec 2015 1:30

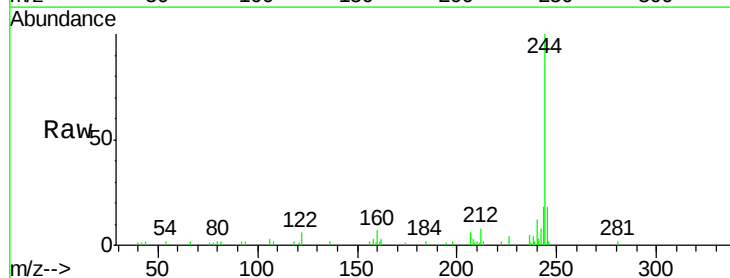
Tgt Ion:244 Resp: 18522

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

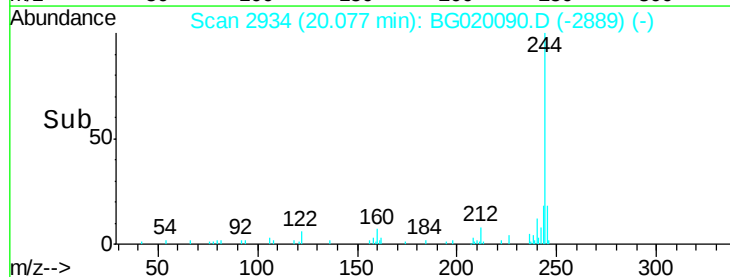
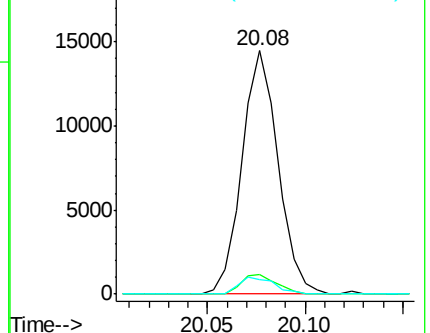
122 6.0 10.2 15.2#

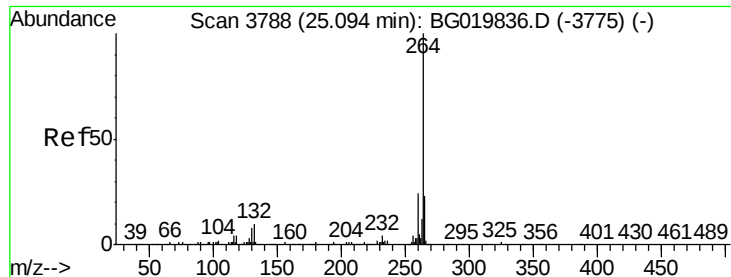


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

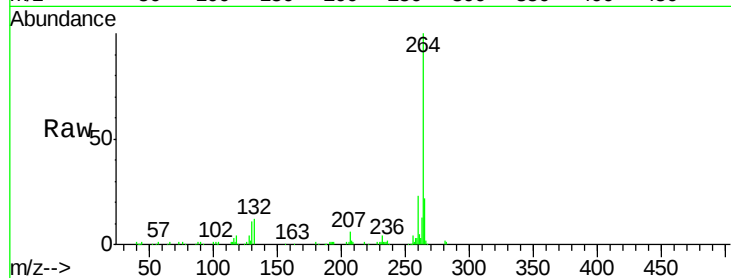




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.04 min Scan# 3778
 Delta R.T. -0.06 min
 Lab File: BG020090.D
 Acq: 11 Dec 2015 1:30

Instrument :
 BNA_G
 ClientSampleId :
 MW-16DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.5	27.7
265	21.6	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

