

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110515\
 Data File : BM003066.D
 Acq On : 05 Nov 2015 16:21
 Operator : UM/IZ
 Sample : G4259-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-02-110315

Quant Time: Nov 17 13:05:46 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 12:50:51 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	103294	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	431717	5.00	ng	0.00
13) Acenaphthene-d10	14.39	164	274253	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	507409	5.00	ng	0.00
26) Chrysene-d12	21.33	240	341333	5.00	ng	0.00
35) Perylene-d12	23.60	264	270573	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.35	112	121301	5.55	ng	0.00
5) Phenol-d6	6.92	99	103405	4.05	ng	0.00
8) Nitrobenzene-d5	8.92	82	148716	7.47	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	122909	17.31	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	476977	5.52	ng	0.00
29) Terphenyl-d14	19.77	244	401949	8.17	ng	0.00

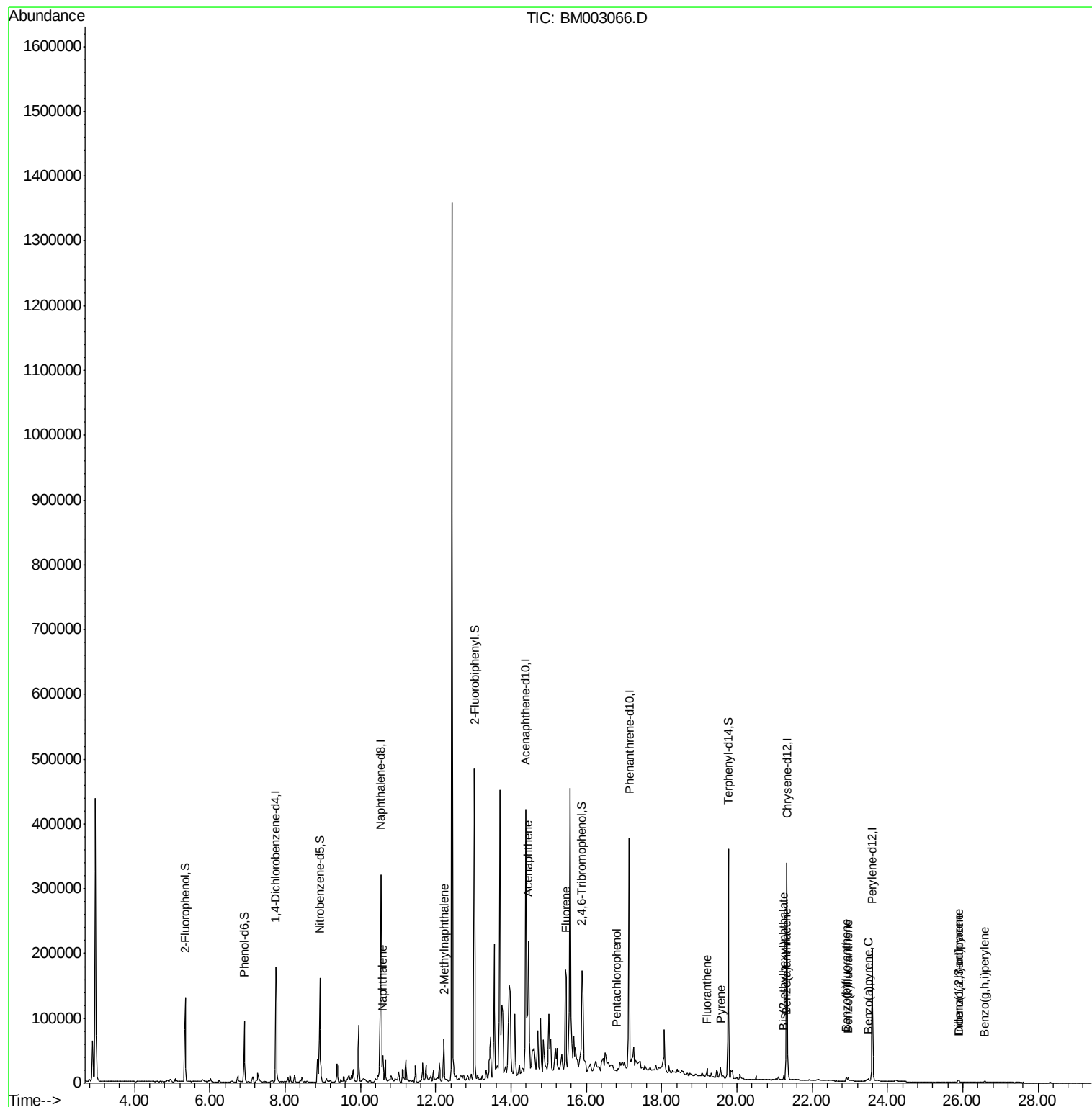
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Naphthalene	10.60	128	42686	0.46	ng	# 53
12) 2-Methylnaphthalene	12.22	142	48117	0.80	ng	# 96
17) Acenaphthene	14.46	154	133741	1.82	ng	# 100
18) Fluorene	15.46	166	169764	2.17	ng	# 10
22) Pentachlorophenol	16.81	266	742	0.27	ng	# 79
25) Fluoranthene	19.21	202	13049	0.07	ng	# 95
28) Pyrene	19.57	202	13551	0.14	ng	# 93
30) Benzo(a)anthracene	21.31	228	8899	0.13	ng	# 88
33) Bis(2-ethylhexyl)phthalate	21.25	149	7742	0.42	ng	# 89
34) Indeno(1,2,3-cd)pyrene	25.89	276	4910	0.11	ng	# 84
36) Benzo(b)fluoranthene	22.91	252	7589	0.06	ng	# 73
37) Benzo(k)fluoranthene	22.96	252	6344	0.04	ng	# 71
38) Benzo(a)pyrene	23.50	252	4372	0.06	ng	# 56
39) Dibenzo(a,h)anthracene	25.90	278	3835	0.06	ng	# 70
40) Benzo(a,h,i)perylene	26.58	276	4580	0.06	ng	# 85

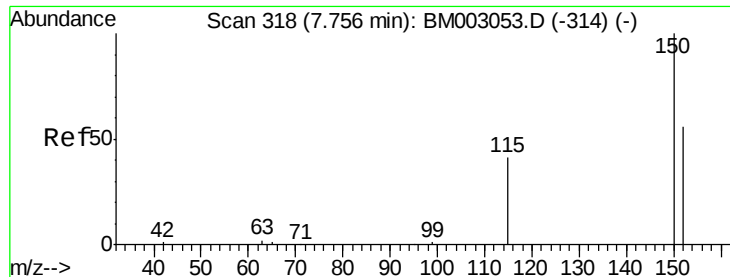
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110515\
Data File : BM003066.D
Acq On : 05 Nov 2015 16:21
Operator : UM/IZ
Sample : G4259-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-02-110315

Quant Time: Nov 17 13:05:46 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 12:50:51 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.76 min Scan# 318

Delta R.T. 0.00 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

Instrument :

BNA_M

ClientSampleId :

MW-02-110315

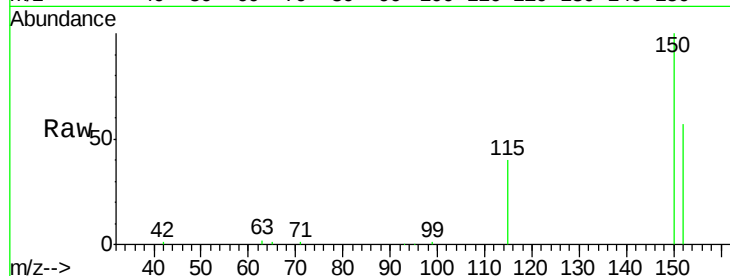
Tot Ion:152 Resp: 103294

Ion Ratio Lower Upper

152 100

150 175.6 143.6 215.4

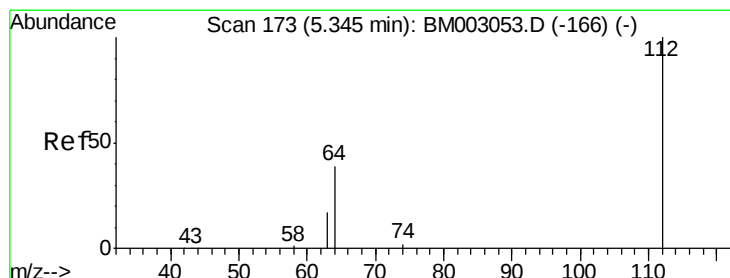
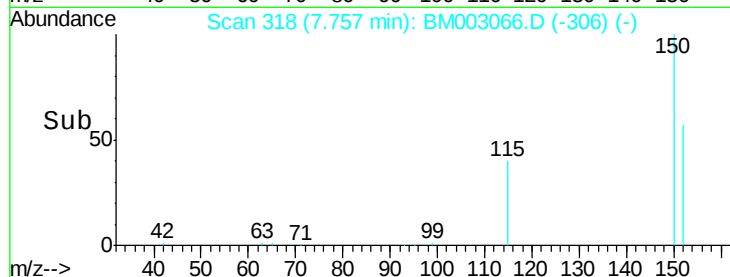
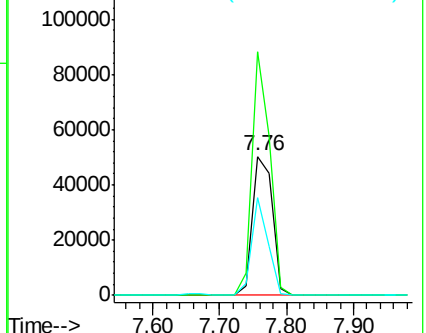
115 70.3 58.5 87.7



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

2-Fluorophenol

Concen: 5.55 ng

RT: 5.35 min Scan# 173

Delta R.T. 0.00 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

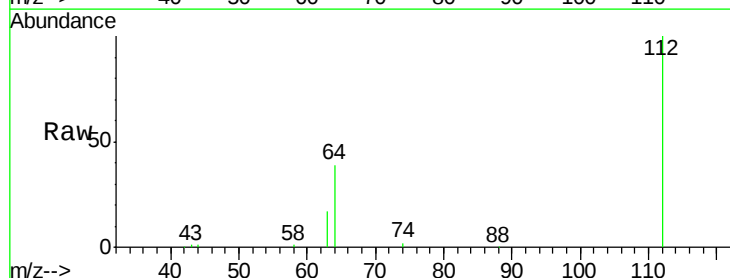
Tgt Ion:112 Resp: 121301

Ion Ratio Lower Upper

112 100

64 50.6 41.2 61.8

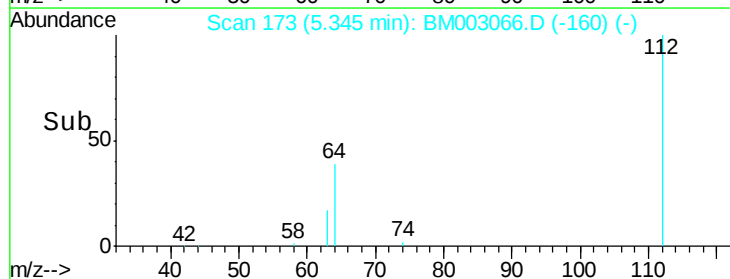
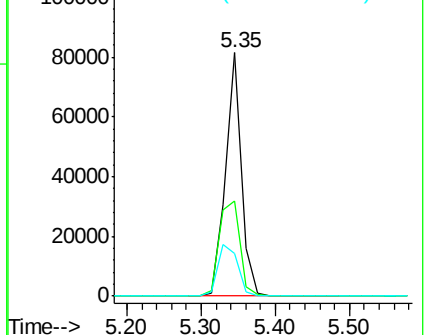
63 26.2 21.2 31.8

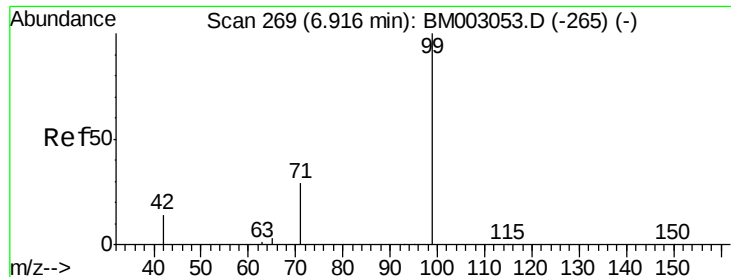


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 4.05 ng

RT: 6.92 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

Instrument :

BNA_M

ClientSampleId :

MW-02-110315

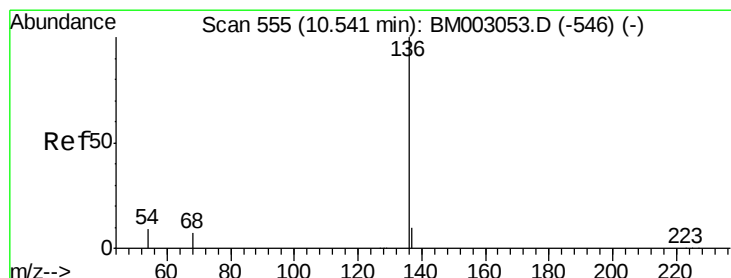
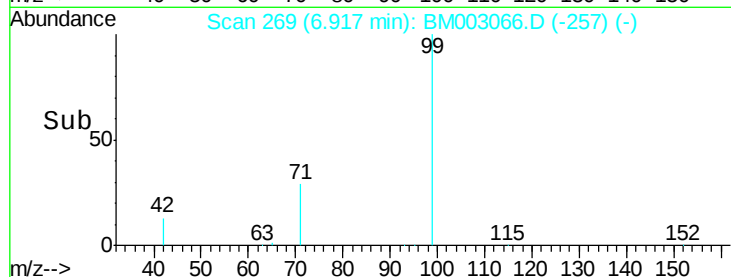
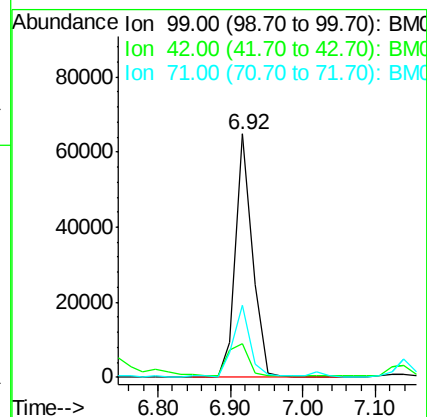
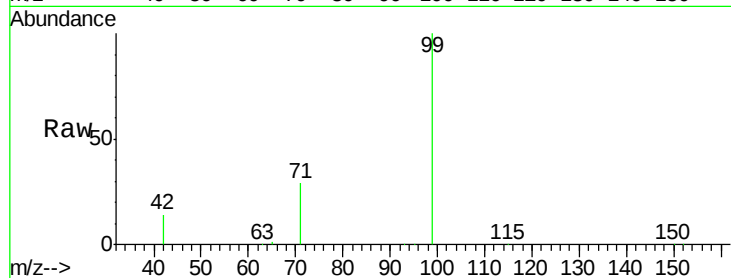
Tot Ion: 99 Resp: 103405

Ion Ratio Lower Upper

99 100

42 17.2 14.6 22.0

71 29.0 23.3 34.9



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

Tgt Ion: 136 Resp: 431717

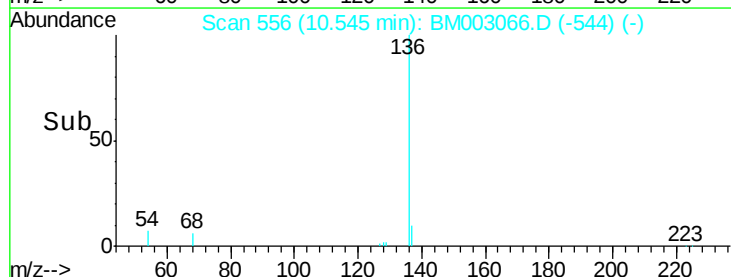
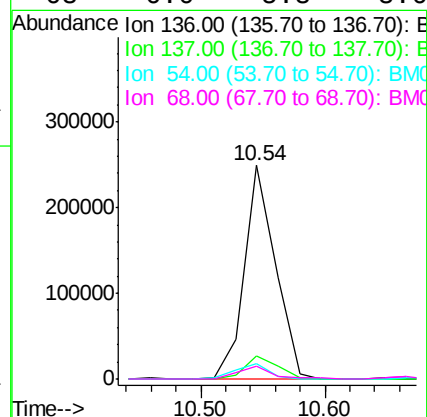
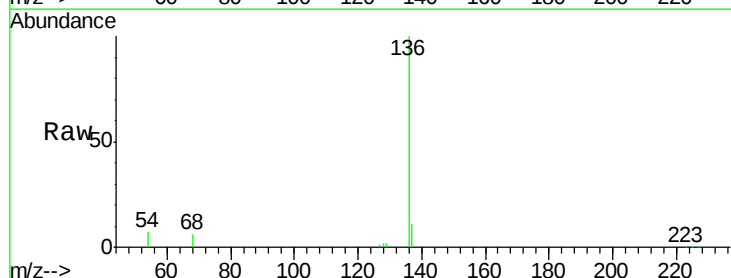
Ion Ratio Lower Upper

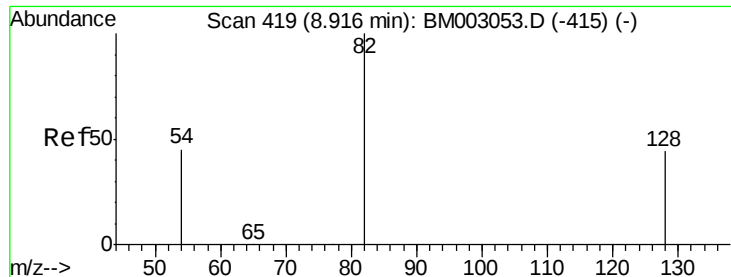
136 100

137 10.5 8.0 12.0

54 7.0 7.4 11.0#

68 6.0 5.8 8.6

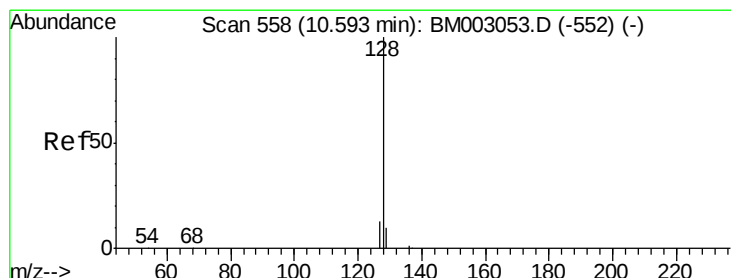
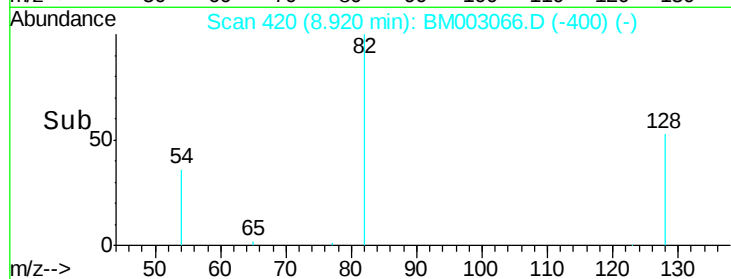
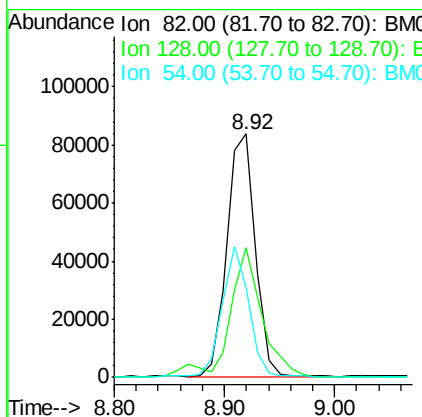
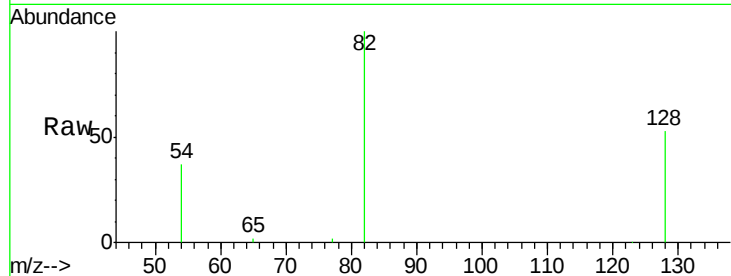




#8
 Nitrobenzene-d5
 Concen: 7.47 ng
 RT: 8.92 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BM003066.D
 Acq: 05 Nov 2015 16:21

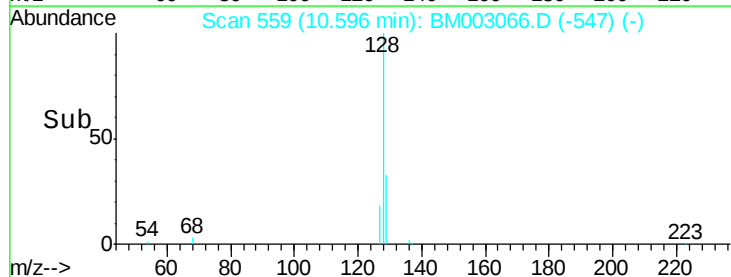
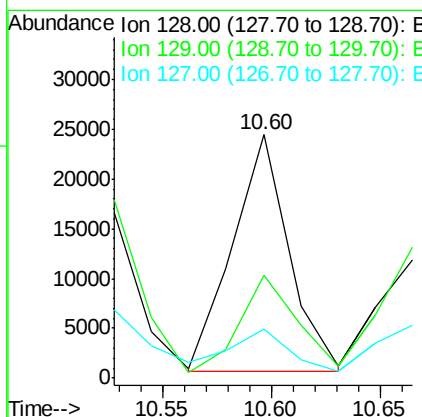
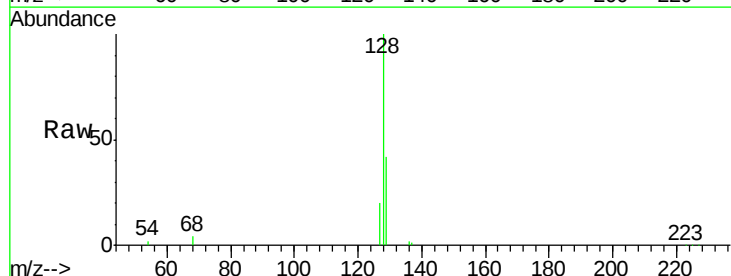
Instrument :
 BNA_M
 ClientSampleId :
 MW-02-110315

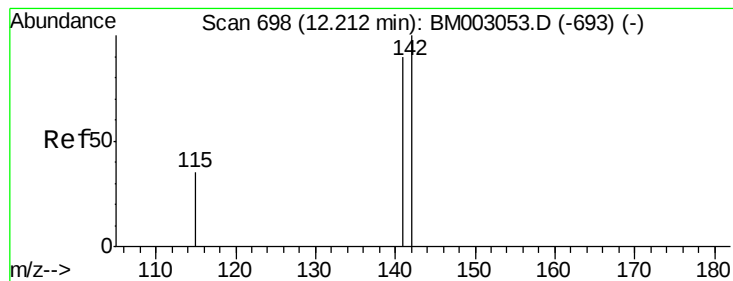
Tot Ion: 82 Resp: 148716
 Ion Ratio Lower Upper
 82 100
 128 53.1 35.2 52.8#
 54 36.9 36.4 54.6



#10
 Naphthalene
 Concen: 0.46 ng
 RT: 10.60 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: BM003066.D
 Acq: 05 Nov 2015 16:21

Tgt Ion: 128 Resp: 42686
 Ion Ratio Lower Upper
 128 100
 129 42.0 8.5 12.7#
 127 20.2 10.6 16.0#





#12

2-Methylnaphthalene

Concen: 0.80 ng

RT: 12.22 min Scan# 699

Delta R.T. 0.00 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

Instrument :

BNA_M

ClientSampleId :

MW-02-110315

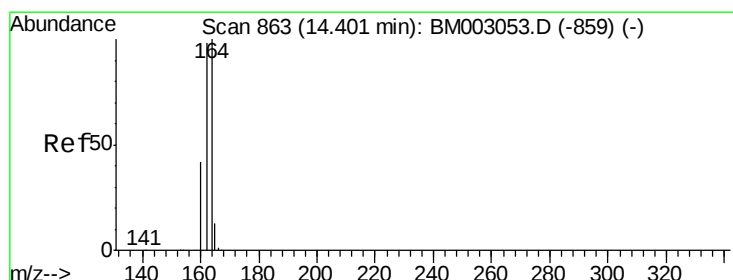
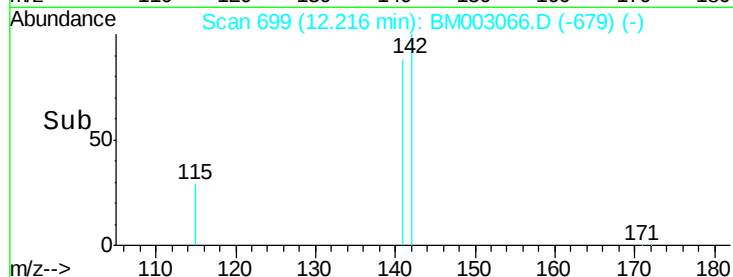
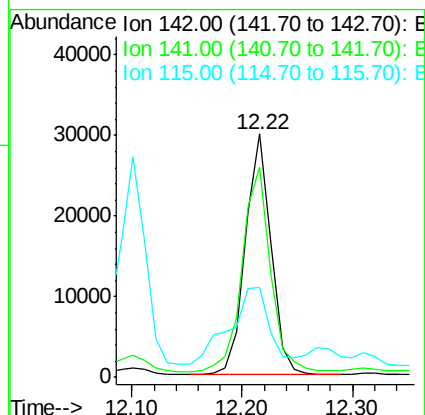
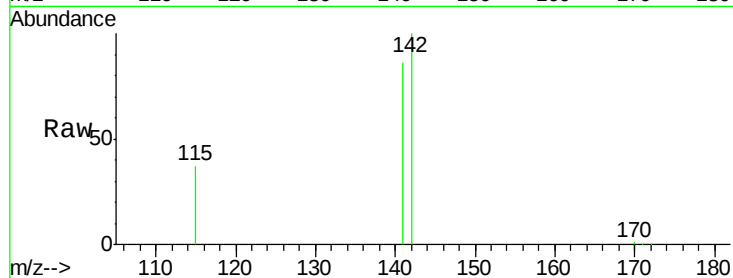
Tot Ion:142 Resp: 48117

Ion Ratio Lower Upper

142 100

141 86.5 72.2 108.2

115 37.2 28.0 42.0



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.39 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

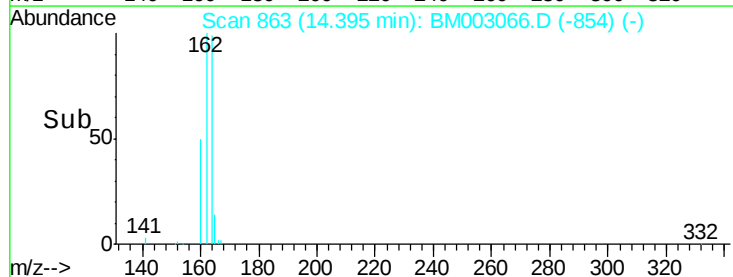
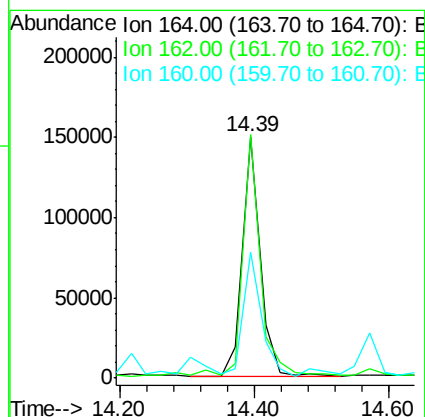
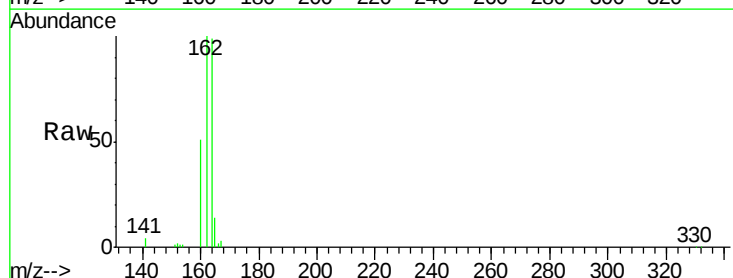
Tgt Ion:164 Resp: 274253

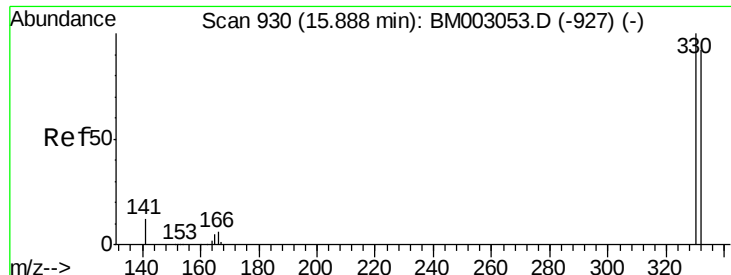
Ion Ratio Lower Upper

164 100

162 100.9 78.3 117.5

160 52.0 33.8 50.6#

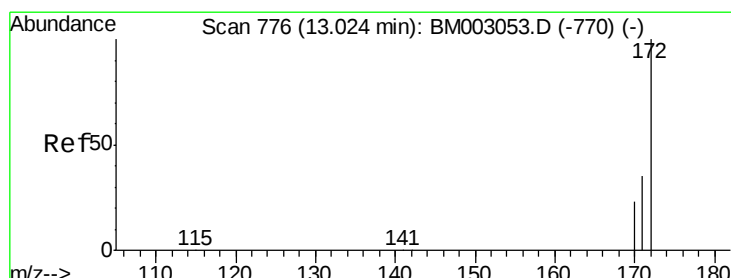
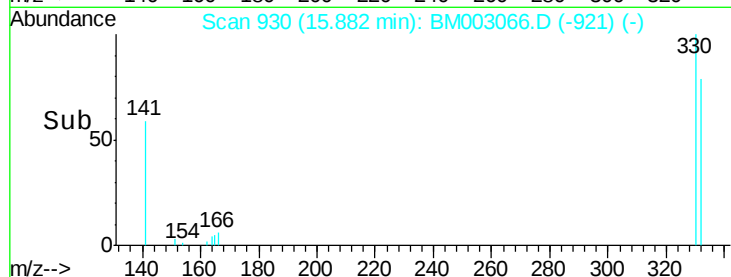
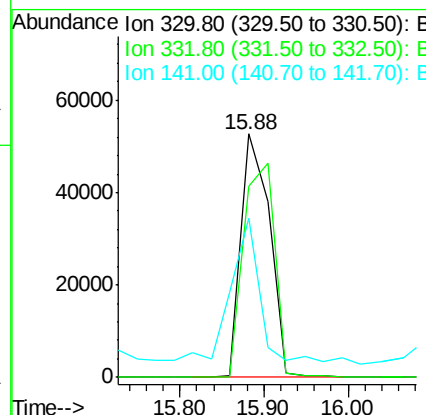
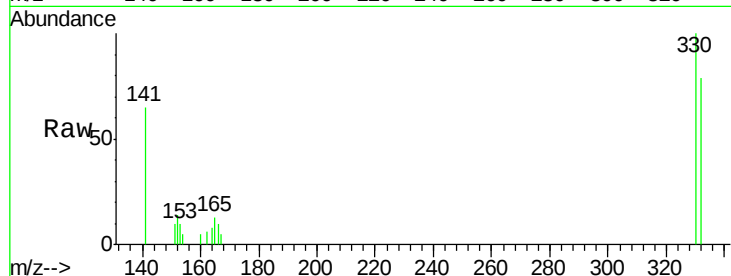




#14
 2,4,6-Tribromophenol
 Concen: 17.31 ng
 RT: 15.88 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BM003066.D
 Acq: 05 Nov 2015 16:21

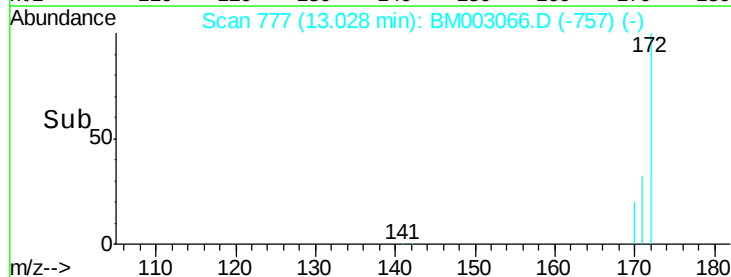
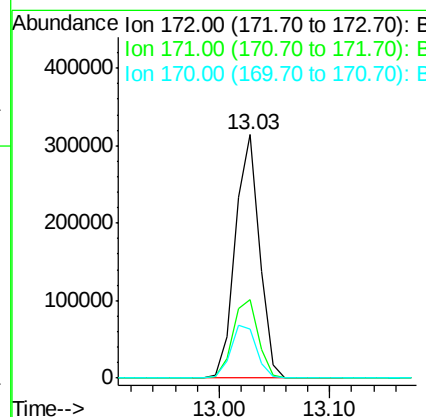
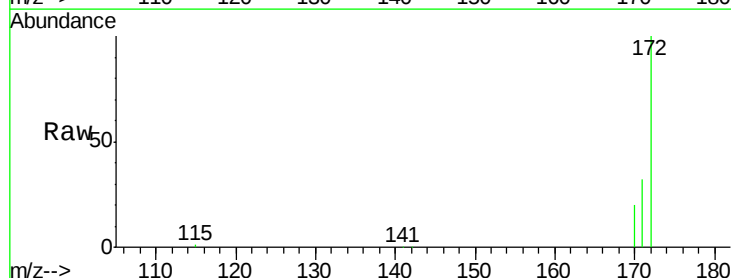
Instrument :
 BNA_M
 ClientSampleId :
 MW-02-110315

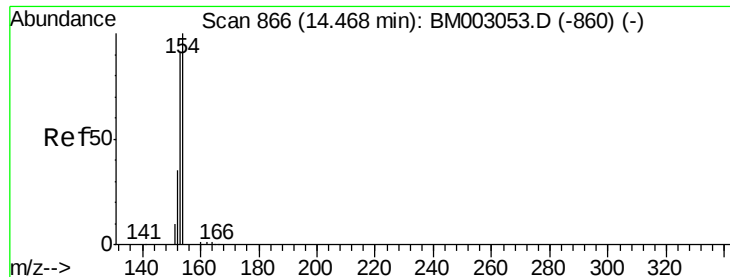
Tot Ion:330 Resp: 122909
 Ion Ratio Lower Upper
 330 100
 332 0.0 76.0 114.0#
 141 58.1 0.0 0.0#



#15
 2-Fluorobiphenyl
 Concen: 5.52 ng
 RT: 13.03 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BM003066.D
 Acq: 05 Nov 2015 16:21

Tgt Ion:172 Resp: 476977
 Ion Ratio Lower Upper
 172 100
 171 32.3 28.0 42.0
 170 20.3 18.9 28.3





#17

Acenaphthene

Concen: 1.82 ng

RT: 14.46 min Scan# 866

Delta R.T. -0.01 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

Instrument :

BNA_M

ClientSampleId :

MW-02-110315

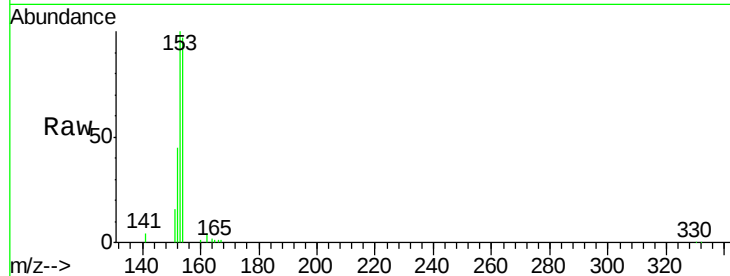
Tot Ion:154 Resp: 133741

Ion Ratio Lower Upper

154 100

153 116.8 0.0 0.0#

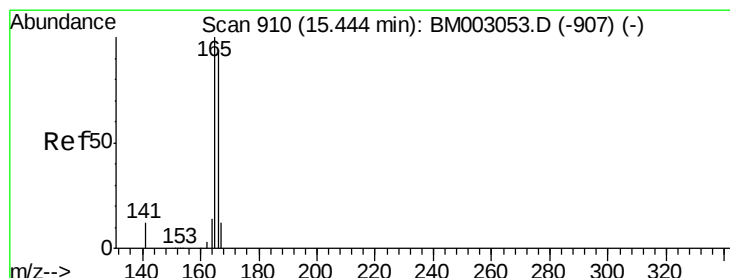
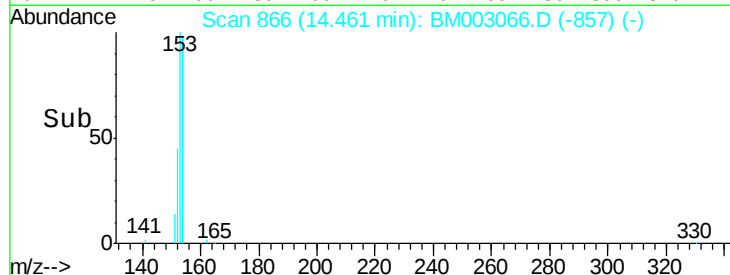
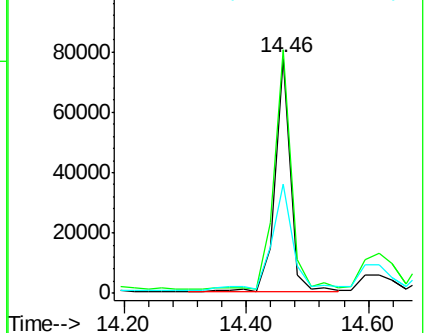
152 66.3 0.0 0.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 2.17 ng

RT: 15.46 min Scan# 911

Delta R.T. 0.02 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

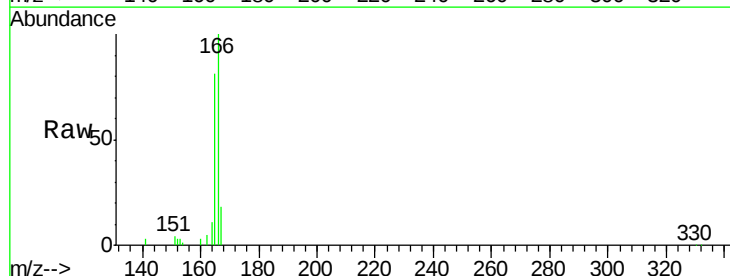
Tgt Ion:166 Resp: 169764

Ion Ratio Lower Upper

166 100

165 0.0 80.8 121.2#

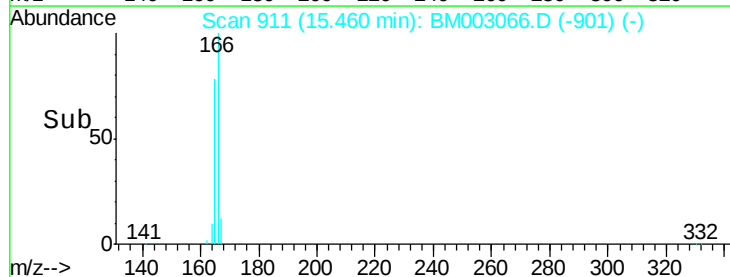
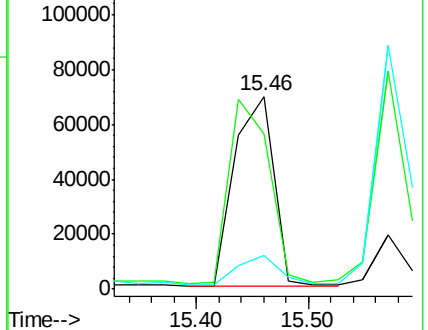
167 17.1 10.5 15.7#

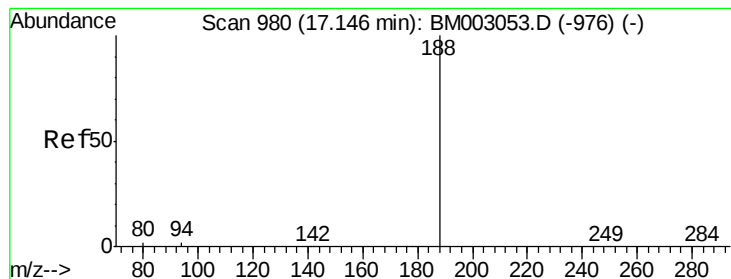


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

Instrument :

BNA_M

ClientSampleId :

MW-02-110315

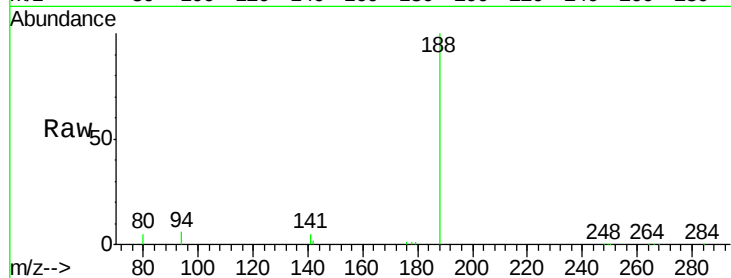
Tot Ion:188 Resp: 507409

Ion Ratio Lower Upper

188 100

94 5.6 1.8 2.6#

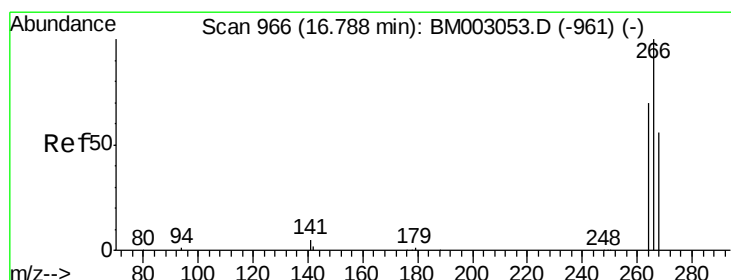
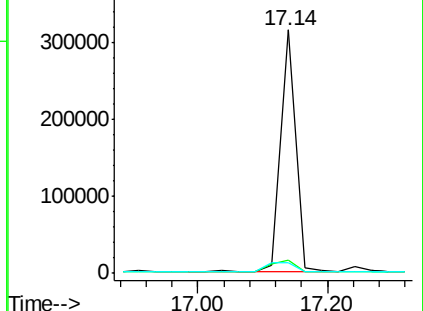
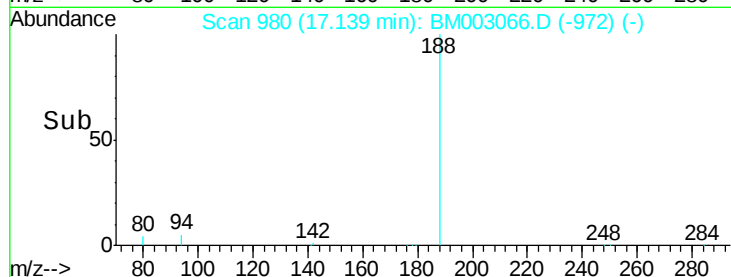
80 4.6 1.4 2.0#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#22

Pentachlorophenol

Concen: 0.27 ng

RT: 16.81 min Scan# 967

Delta R.T. 0.02 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

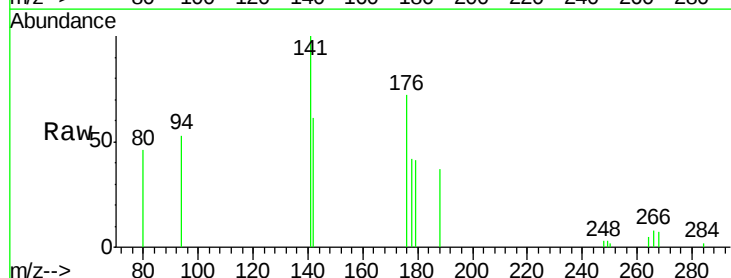
Tgt Ion:266 Resp: 742

Ion Ratio Lower Upper

266 100

268 83.3 45.8 68.8#

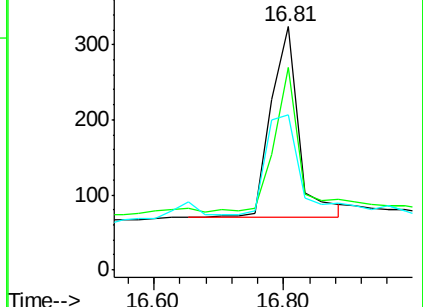
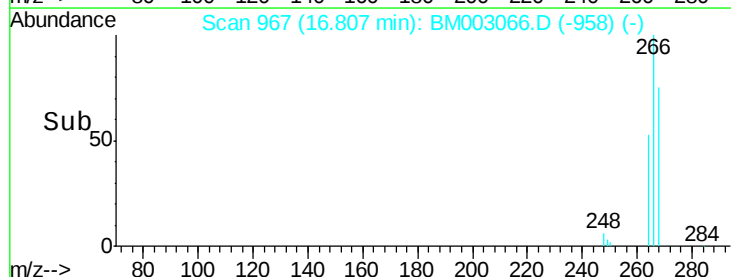
264 63.6 56.7 85.1

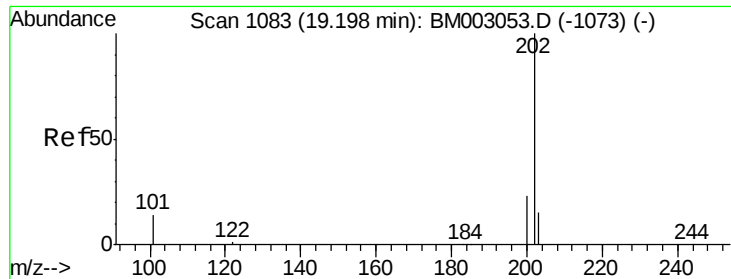


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#25

Fluoranthene

Concen: 0.07 ng

RT: 19.21 min Scan# 1084

Delta R.T. 0.01 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

Instrument :

BNA_M

ClientSampleId :

MW-02-110315

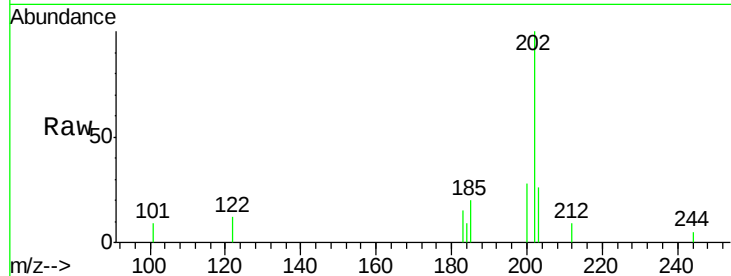
Tot Ion:202 Resp: 13049

Ion Ratio Lower Upper

202 100

101 15.5 9.9 14.9#

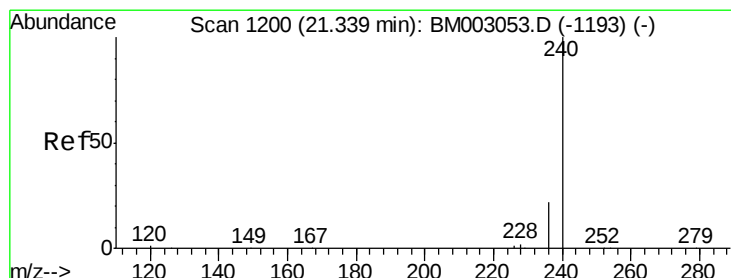
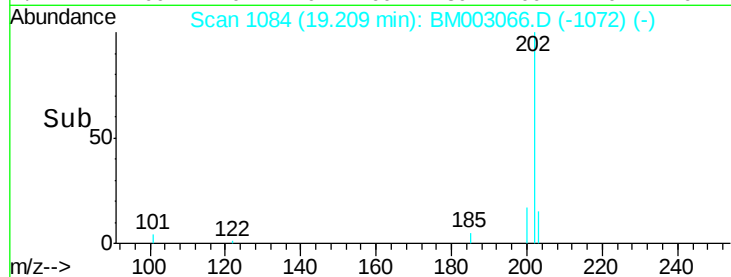
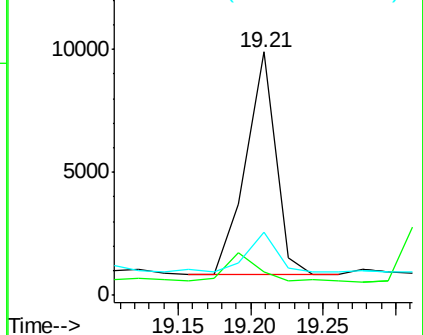
203 18.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.33 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

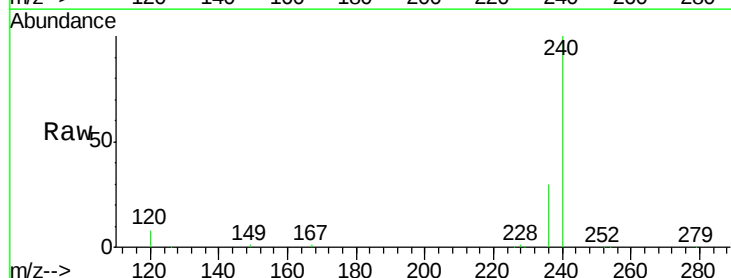
Tgt Ion:240 Resp: 341333

Ion Ratio Lower Upper

240 100

120 8.5 1.0 1.4#

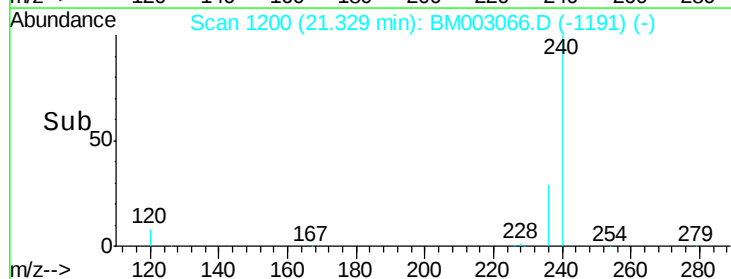
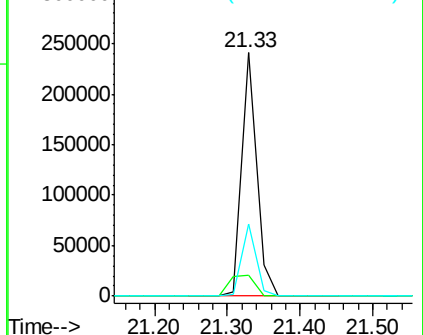
236 29.5 17.9 26.9#

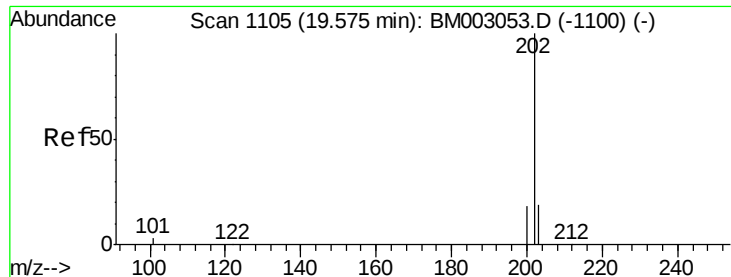


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

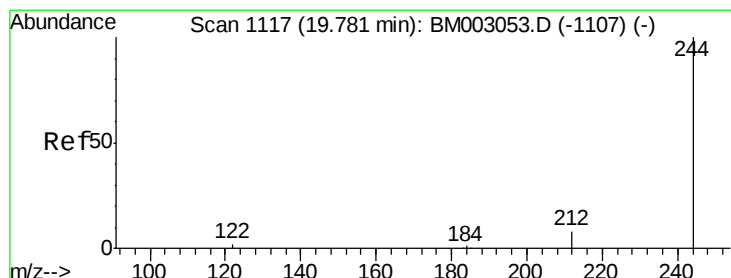
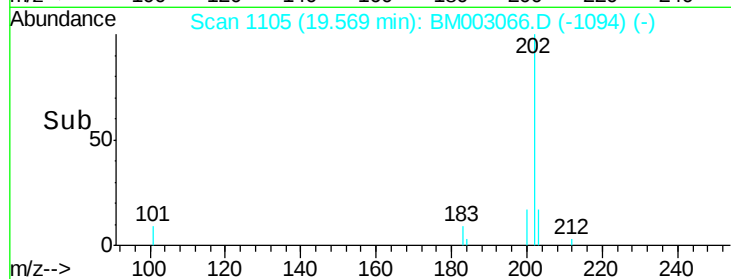
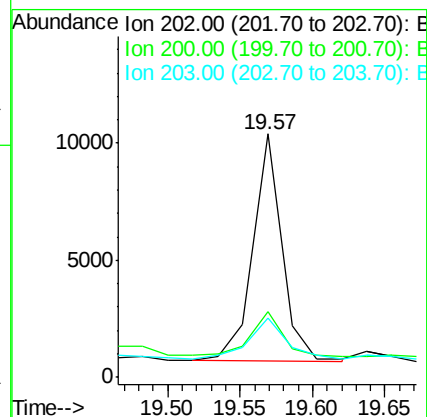
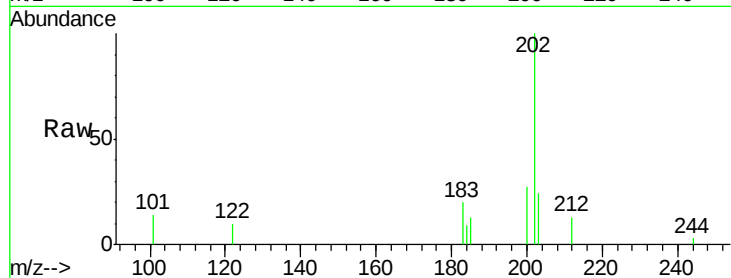




#28
Pvrene
Concen: 0.14 ng
RT: 19.57 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM003066.D
Acq: 05 Nov 2015 16:21

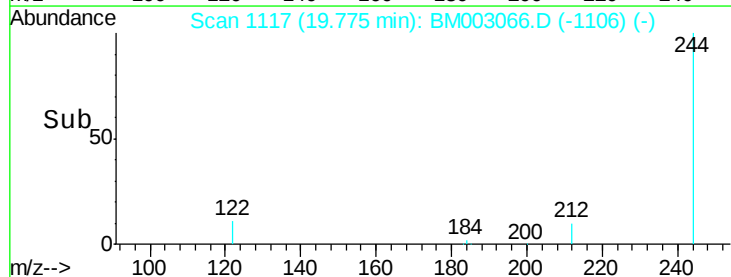
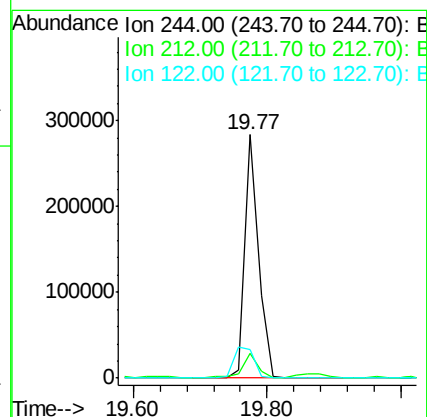
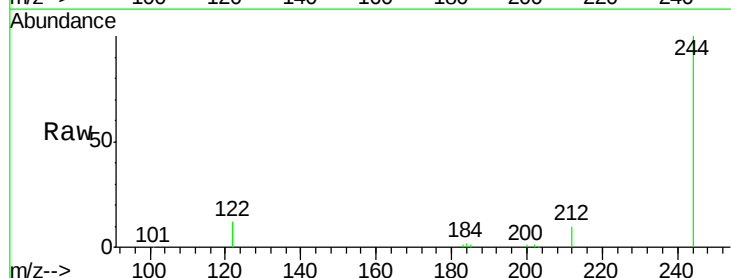
Instrument :
BNA_M
ClientSampleId :
MW-02-110315

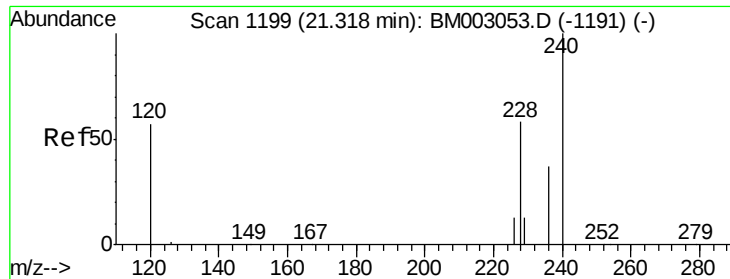
Tot Ion:202 Resp: 13551
Ion Ratio Lower Upper
202 100
200 22.2 16.7 25.1
203 22.8 13.8 20.6#



#29
Terphenyl-d14
Concen: 8.17 ng
RT: 19.77 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM003066.D
Acq: 05 Nov 2015 16:21

Tgt Ion:244 Resp: 401949
Ion Ratio Lower Upper
244 100
212 10.3 6.5 9.7#
122 11.6 2.0 3.0#





#30

Benzo(a)anthracene

Concen: 0.13 ng

RT: 21.31 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

Instrument :

BNA_M

ClientSampleId :

MW-02-110315

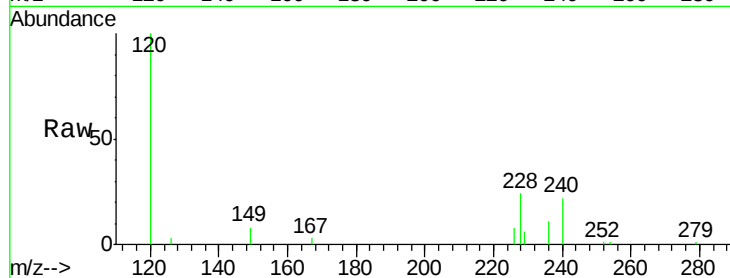
Tot Ion:228 Resp: 8899

Ion Ratio Lower Upper

228 100

226 33.3 17.8 26.6#

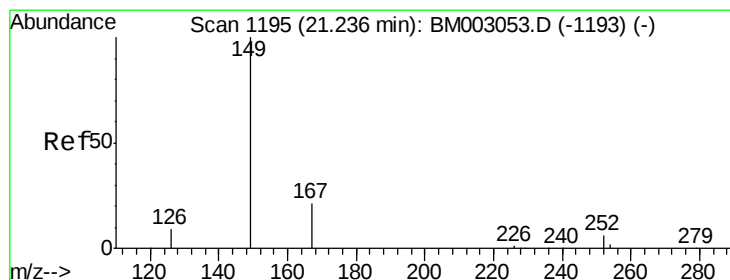
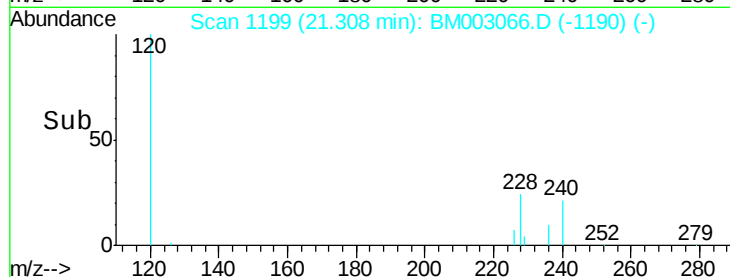
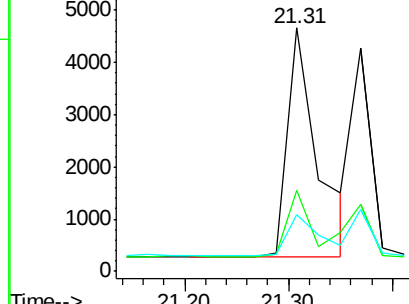
229 23.2 18.0 27.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#33

Bis(2-ethylhexyl)phthalate

Concen: 0.42 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.01 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

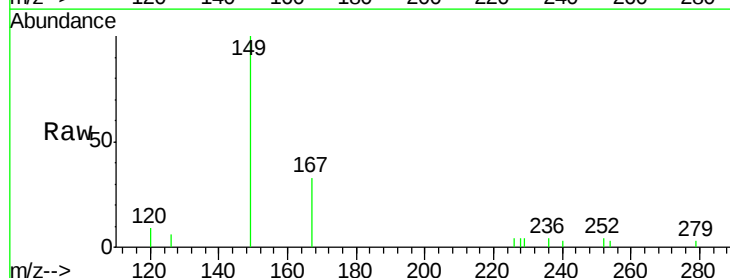
Tgt Ion:149 Resp: 7742

Ion Ratio Lower Upper

149 100

167 29.8 19.6 29.4#

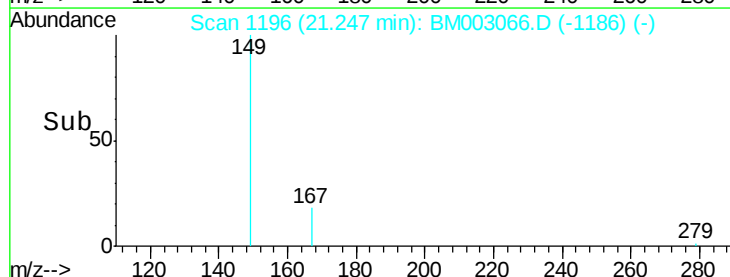
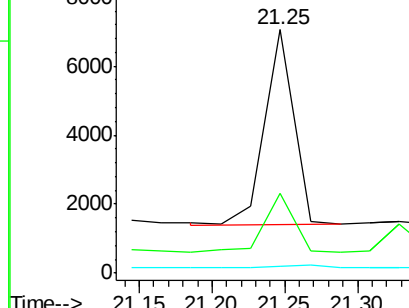
279 0.0 0.0 0.0

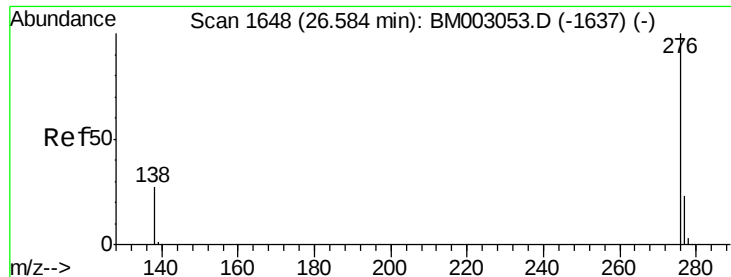


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

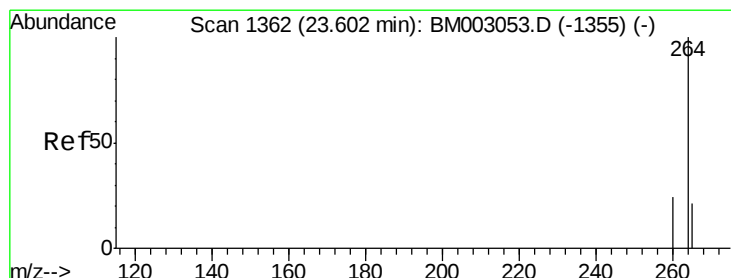
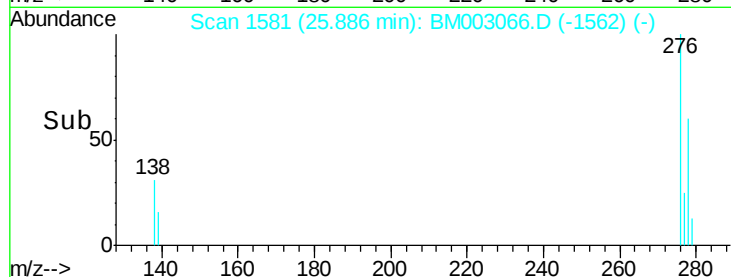
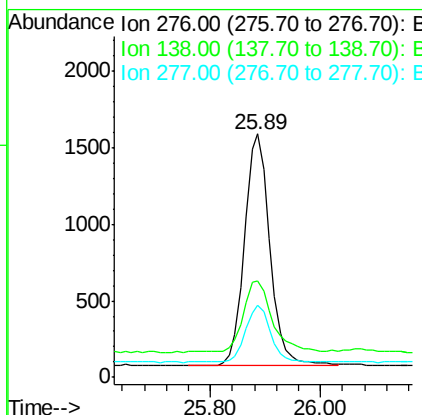
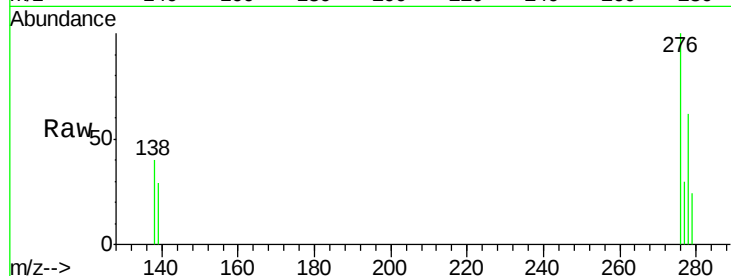




#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.11 ng
 RT: 25.89 min Scan# 1581
 Delta R.T. 0.00 min
 Lab File: BM003066.D
 Acq: 05 Nov 2015 16:21

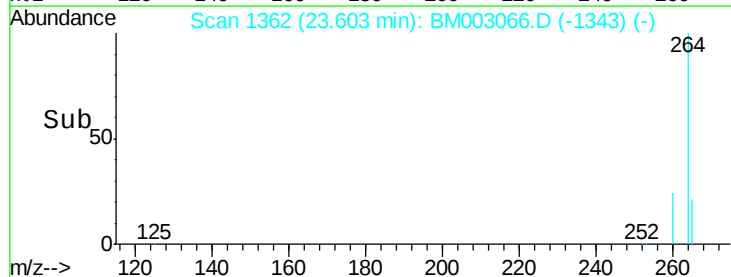
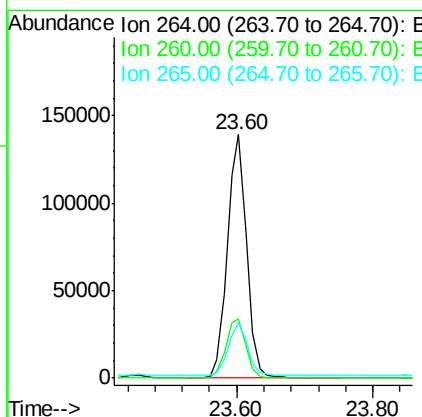
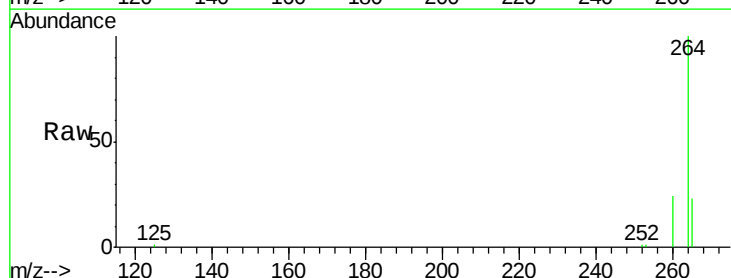
Instrument :
 BNA_M
 ClientSampleId :
 MW-02-110315

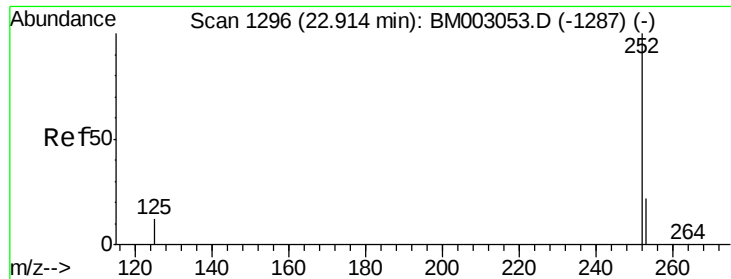
Tot Ion:276 Resp: 4910
 Ion Ratio Lower Upper
 276 100
 138 34.4 19.1 28.7#
 277 24.2 15.9 23.9#



#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.60 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BM003066.D
 Acq: 05 Nov 2015 16:21

Tgt Ion:264 Resp: 270573
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 22.7 18.4 27.6

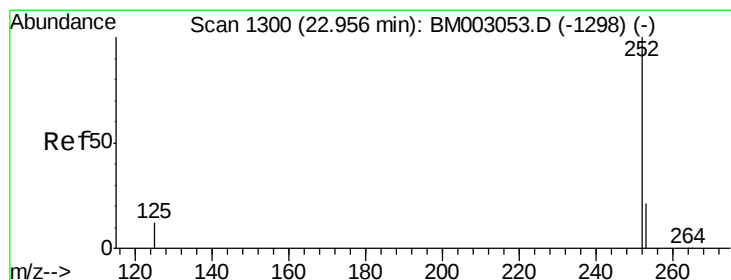
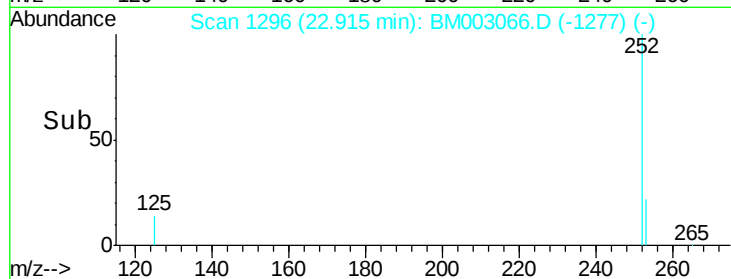
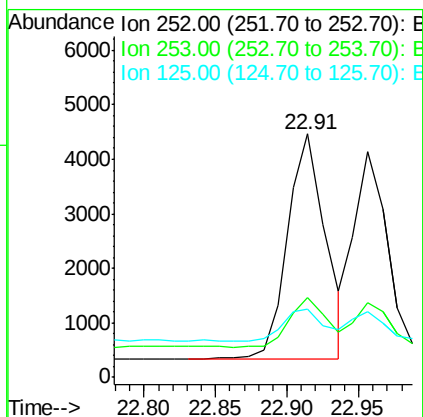
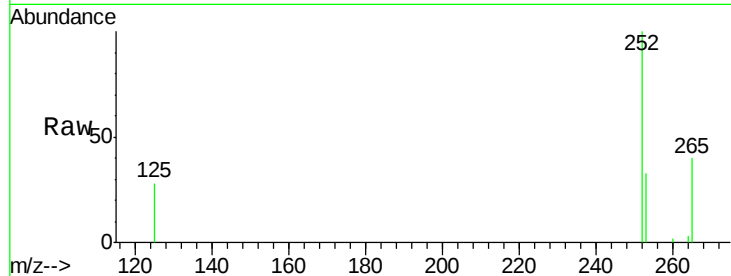




#36
Benzo(b)fluoranthene
Concen: 0.06 ng
RT: 22.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BM003066.D
Acq: 05 Nov 2015 16:21

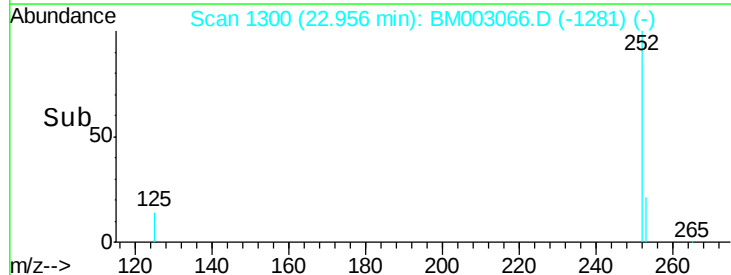
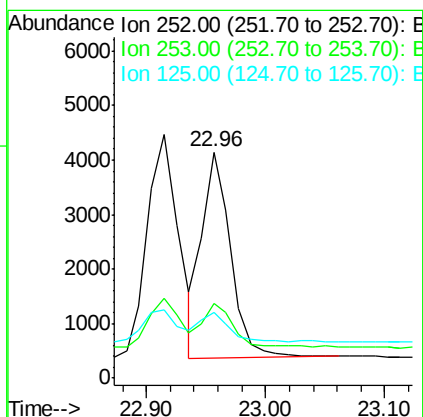
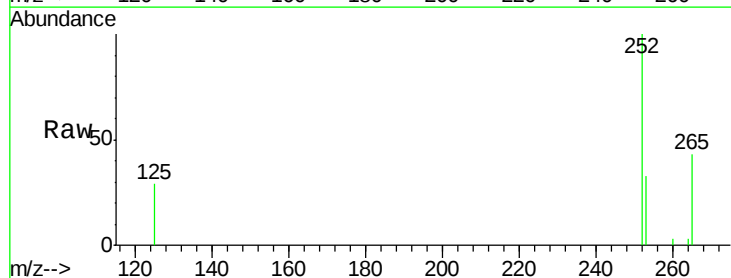
Instrument :
BNA_M
ClientSampleId :
MW-02-110315

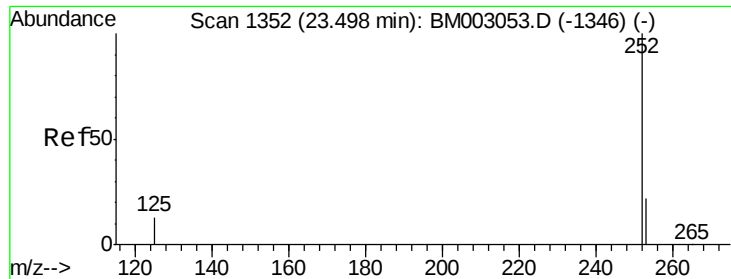
Tot Ion:252 Resp: 7589
Ion Ratio Lower Upper
252 100
253 33.0 18.2 27.4#
125 28.1 10.3 15.5#



#37
Benzo(k)fluoranthene
Concen: 0.04 ng
RT: 22.96 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM003066.D
Acq: 05 Nov 2015 16:21

Tgt Ion:252 Resp: 6344
Ion Ratio Lower Upper
252 100
253 33.1 17.5 26.3#
125 28.8 10.7 16.1#





#38

Benzo(a)pyrene

Concen: 0.06 ng

RT: 23.50 min Scan# 1352

Delta R.T. 0.00 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

Instrument :

BNA_M

ClientSampleId :

MW-02-110315

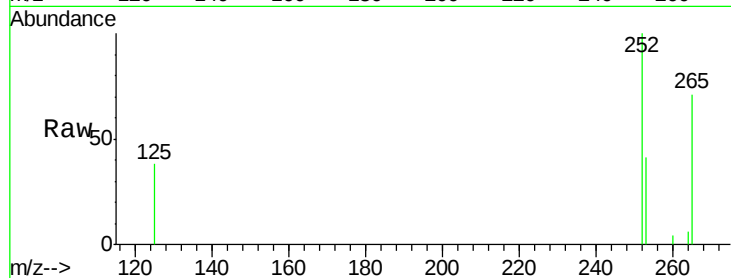
Tot Ion:252 Resp: 4372

Ion Ratio Lower Upper

252 100

253 41.0 18.7 28.1#

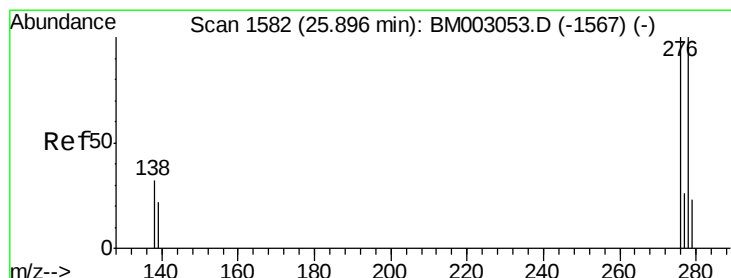
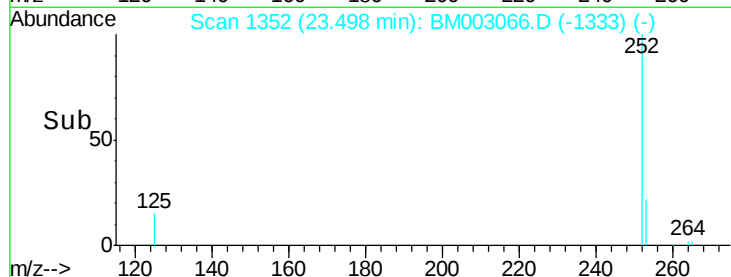
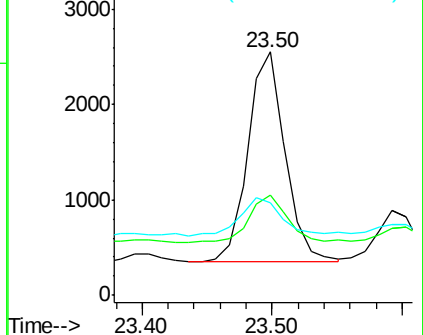
125 37.8 11.6 17.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#39

Dibenzo(a,h)anthracene

Concen: 0.06 ng

RT: 25.90 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

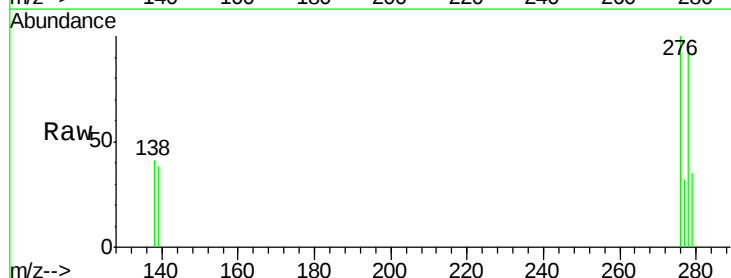
Tgt Ion:278 Resp: 3835

Ion Ratio Lower Upper

278 100

139 39.8 18.2 27.4#

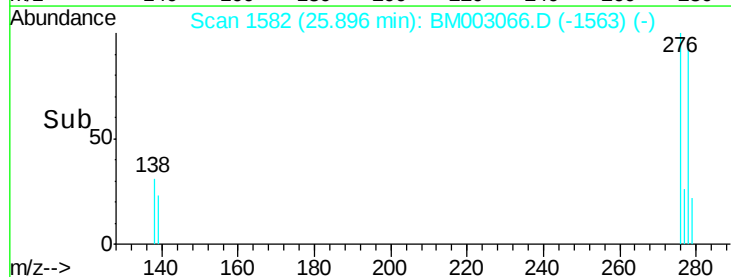
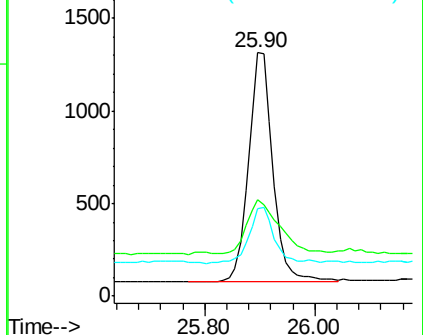
279 35.9 18.8 28.2#

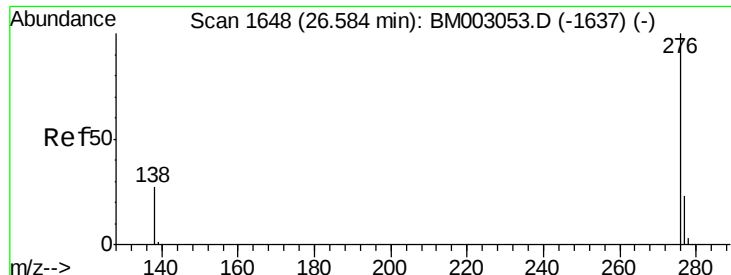


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#40

Benzo(a,h,i)perylene

Concen: 0.06 ng

RT: 26.58 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM003066.D

Acq: 05 Nov 2015 16:21

Instrument :

BNA_M

ClientSampleId :

MW-02-110315

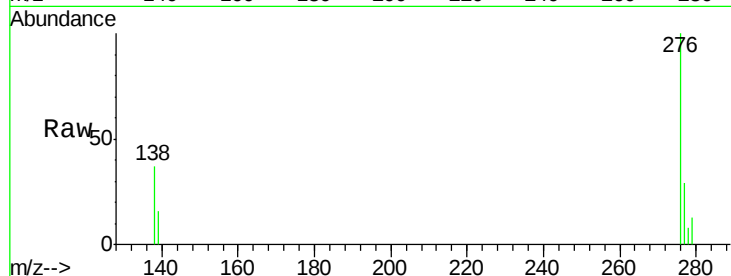
Tot Ion: 276 Resp: 4580

Ion Ratio Lower Upper

276 100

277 29.3 19.0 28.6#

138 37.2 22.3 33.5#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

