

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
 Data File : BM001691.D
 Acq On : 13 Jun 2015 04:11
 Operator : TP/IZ
 Sample : G2620-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 061115-P22-F-U-B

Quant Time: Jun 13 06:49:32 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:11:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	14680	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	54077	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	26382	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	55272	5.00	ng	0.00
25) Chrysene-d12	21.25	240	46642	5.00	ng	0.00
32) Perylene-d12	23.48	264	43995	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.25	112	15799	4.46	ng	0.00
5) Phenol-d6	6.83	99	13066	2.93	ng	0.00
7) Nitrobenzene-d5	8.83	82	28207	6.62	ng	0.00
13) 2,4,6-Tribromophenol	15.81	330	12464	20.21	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	61307	6.55	ng	0.00
27) Terphenyl-d14	19.69	244	50833	7.29	ng	0.00

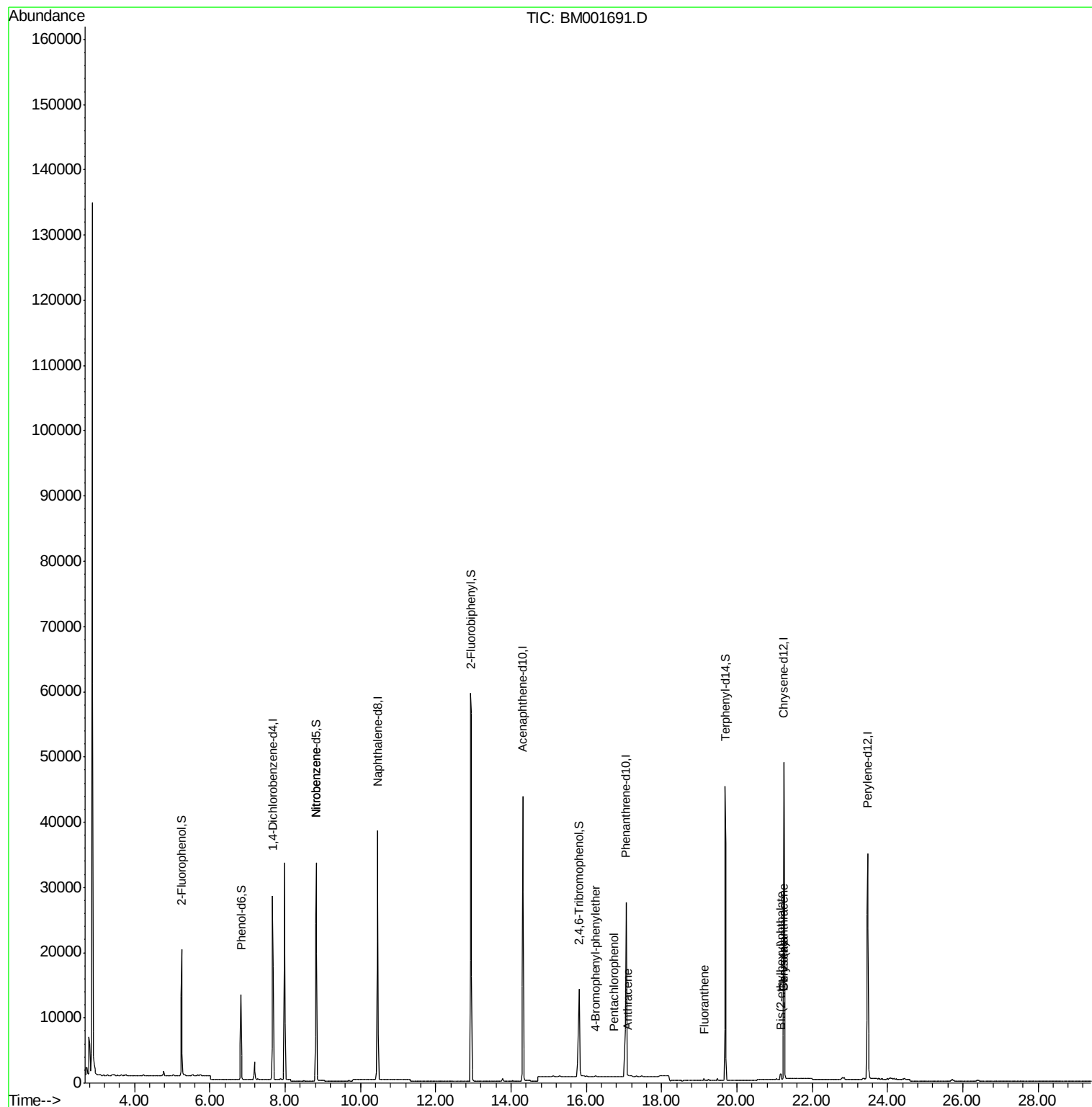
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Nitrobenzene	8.83	77	104	0.02	ng	# 35
19) 4-Bromophenyl-phenylether	16.25	248	29	0.03	ng	# 26
21) Pentachlorophenol	16.72	266	16	0.32	ng	# 59
23) Anthracene	17.10	178	238	0.02	ng	# 69
24) Fluoranthene	19.13	202	286	0.03	ng	# 92
28) Benzo(a)anthracene	21.23	228	433	0.03	ng	# 73
29) Chrysene	21.23	228	433	0.03	ng	# 82
30) Bis(2-ethylhexyl)phthalate	21.16	149	1357	0.39	ng	95

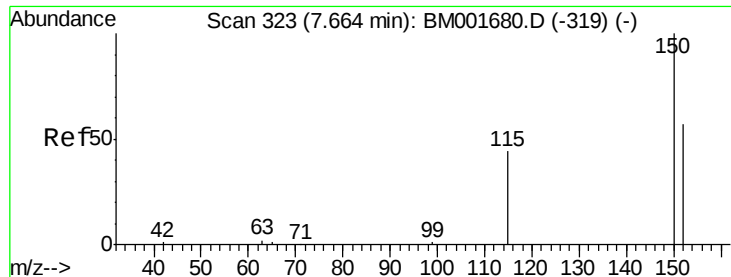
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
Data File : BM001691.D
Acq On : 13 Jun 2015 04:11
Operator : TP/IZ
Sample : G2620-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
061115-P22-F-U-B

Quant Time: Jun 13 06:49:32 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 13 02:11:48 2015
Response via : Initial Calibration



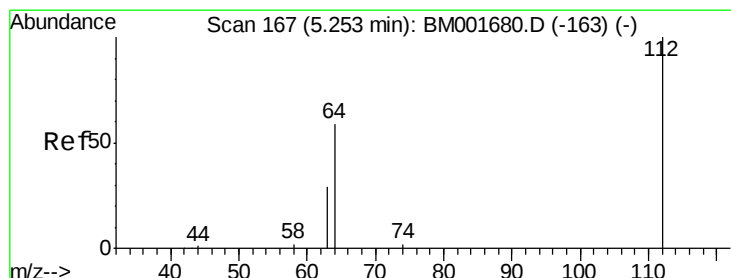
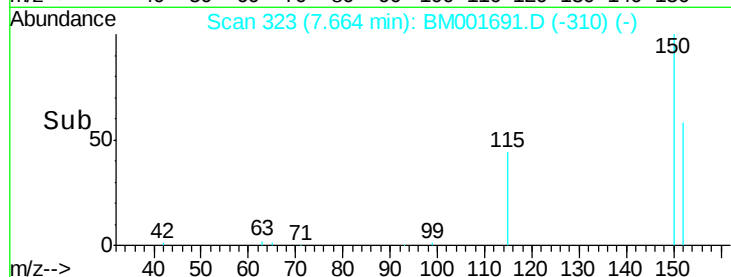
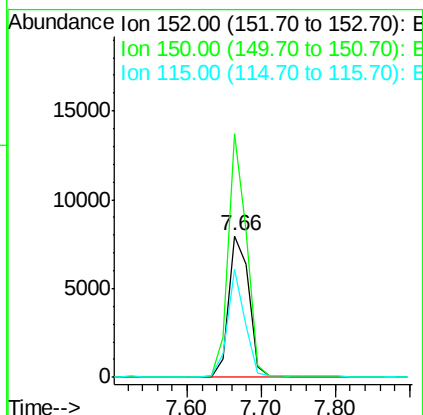
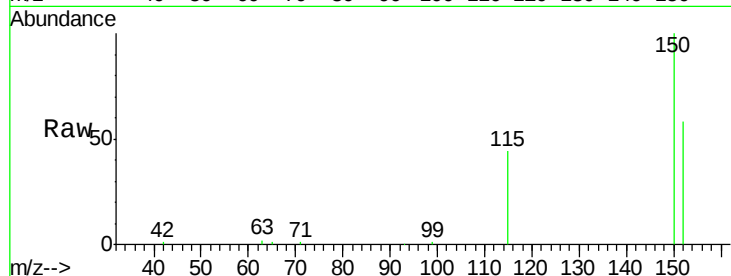


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.66 min Scan# 323
Delta R.T. 0.00 min
Lab File: BM001691.D
Acq: 13 Jun 2015 04:11

Instrument :
BNA_M
ClientSampleId :
061115-P22-F-U-B

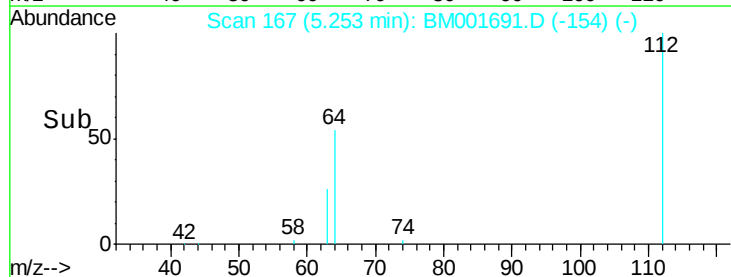
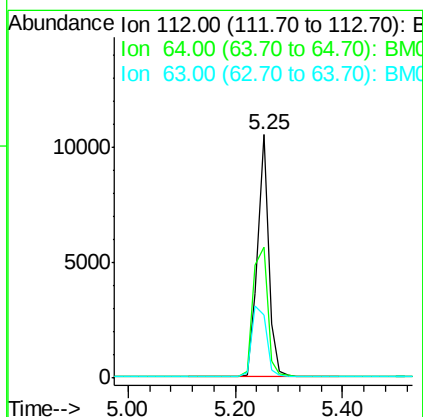
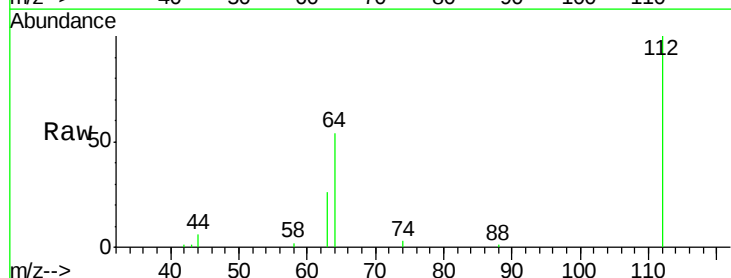
Tgt Ion:152 Resp: 14680
Ion Ratio Lower Upper
152 100
150 172.3 139.6 209.4
115 76.1 62.5 93.7

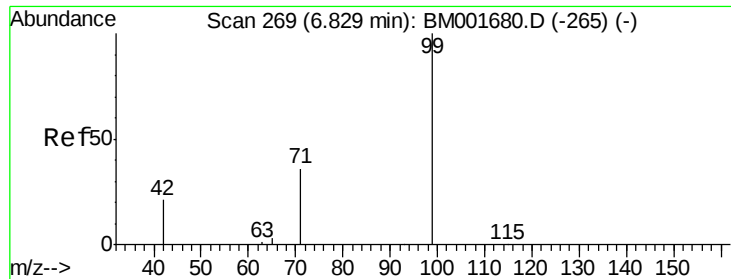


#4

2-Fluorophenol
Concen: 4.46 ng
RT: 5.25 min Scan# 167
Delta R.T. 0.00 min
Lab File: BM001691.D
Acq: 13 Jun 2015 04:11

Tgt Ion:112 Resp: 15799
Ion Ratio Lower Upper
112 100
64 68.4 54.9 82.3
63 37.7 30.5 45.7





#5

Phenol-d6

Concen: 2.93 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-U-B

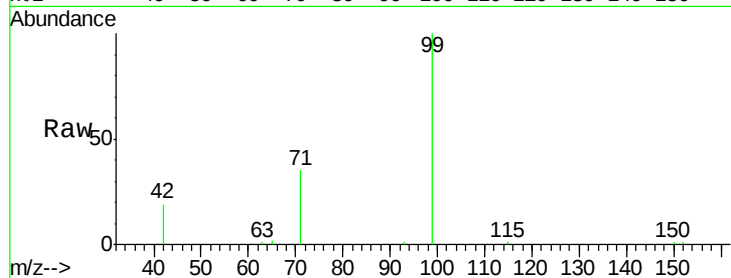
Tgt Ion: 99 Resp: 13066

Ion Ratio Lower Upper

99 100

42 25.1 21.0 31.6

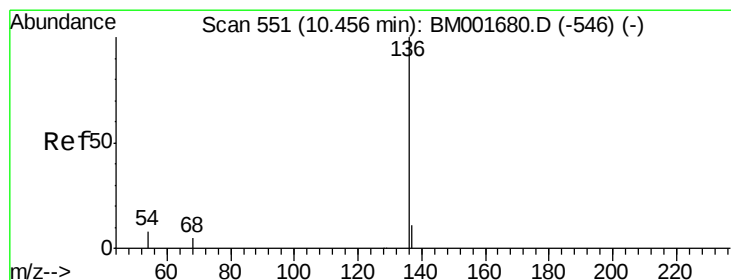
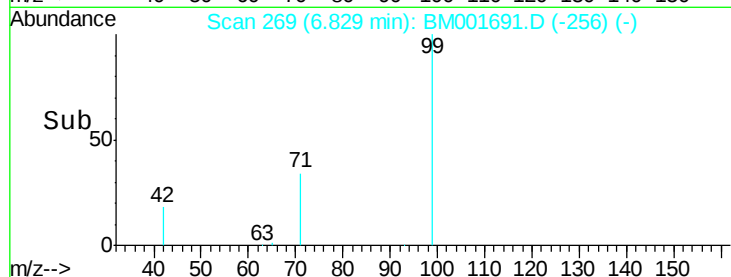
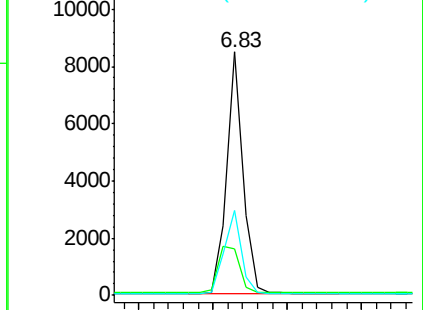
71 36.1 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001680.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM001680.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM001680.D (-265) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

Tgt Ion: 136 Resp: 54077

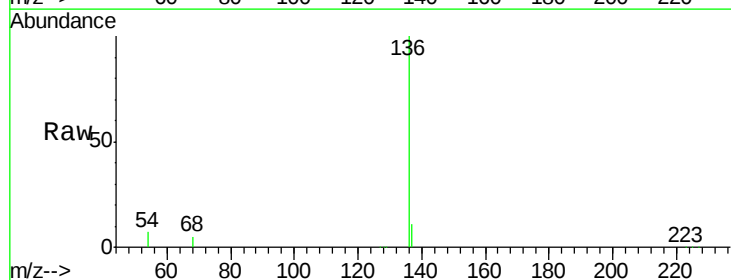
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.2 6.2 9.4

68 4.8 3.9 5.9

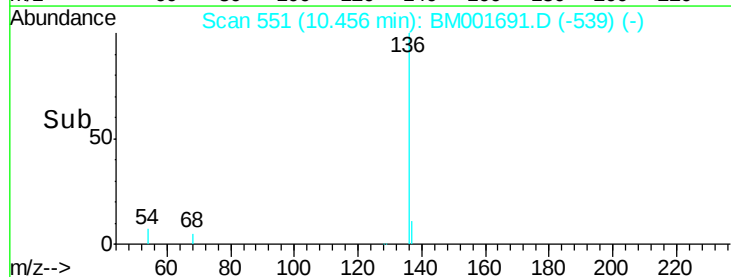
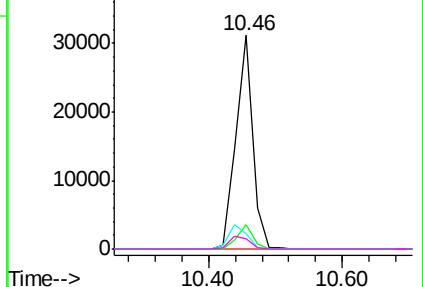


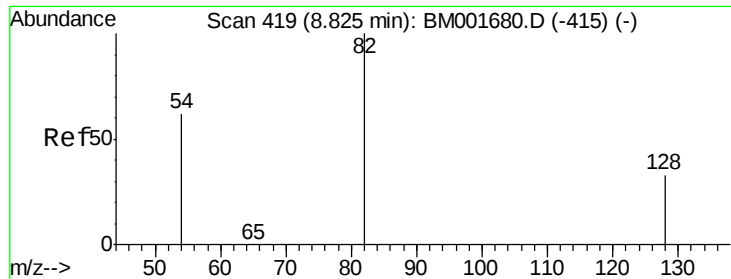
Abundance Ion 136.00 (135.70 to 136.70): BM001680.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001680.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001680.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001680.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 6.62 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-U-B

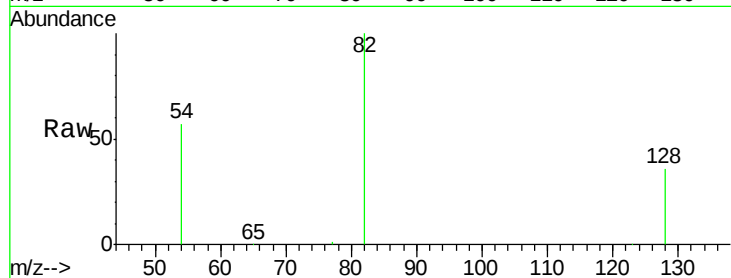
Tgt Ion: 82 Resp: 28207

Ion Ratio Lower Upper

82 100

128 35.8 27.6 41.4

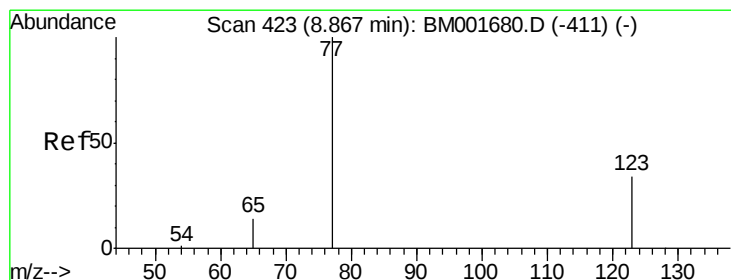
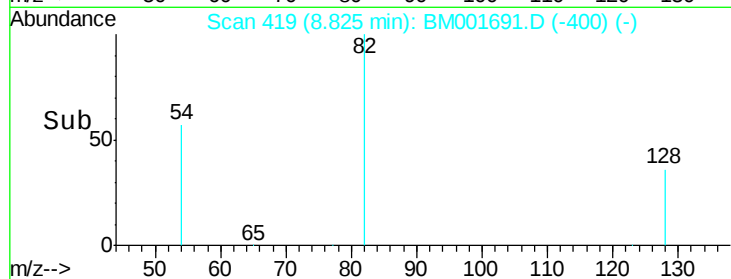
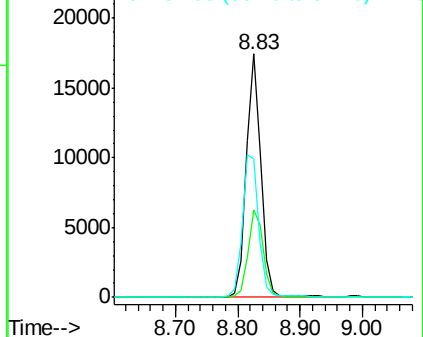
54 56.7 50.1 75.1



Abundance Ion 82.00 (81.70 to 82.70): BM001680.D (-415) (-)

Ion 128.00 (127.70 to 128.70): BM001680.D (-415) (-)

Ion 54.00 (53.70 to 54.70): BM001680.D (-415) (-)



#8

Nitrobenzene

Concen: 0.02 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.04 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

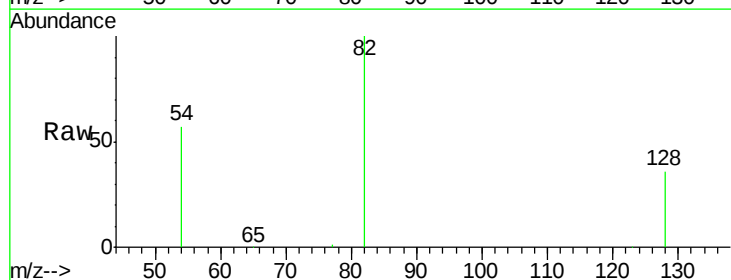
Tgt Ion: 77 Resp: 104

Ion Ratio Lower Upper

77 100

123 1.0 30.6 46.0#

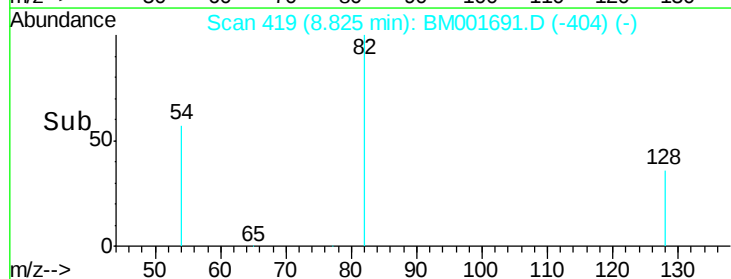
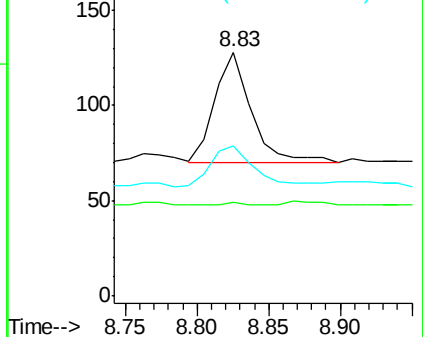
65 45.2 11.5 17.3#

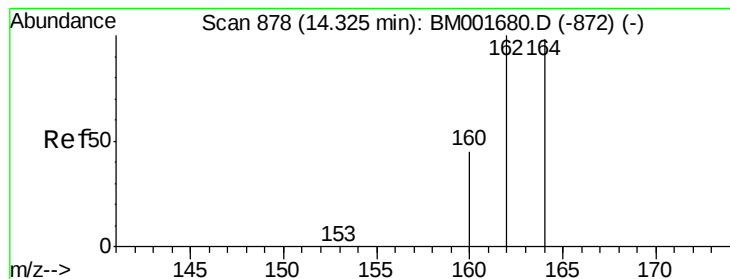


Abundance Ion 77.00 (76.70 to 77.70): BM001680.D (-411) (-)

Ion 123.00 (122.70 to 123.70): BM001680.D (-411) (-)

Ion 65.00 (64.70 to 65.70): BM001680.D (-411) (-)





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 877

Delta R.T. -0.01 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-U-B

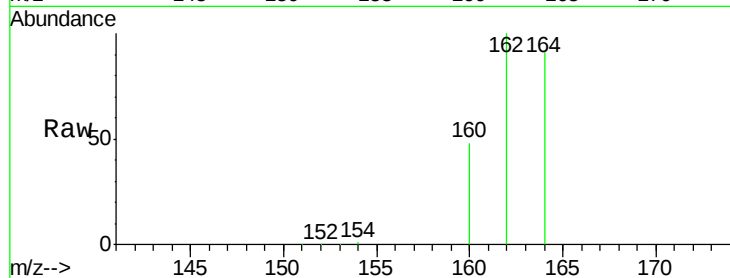
Tgt Ion:164 Resp: 26382

Ion Ratio Lower Upper

164 100

162 109.4 82.0 123.0

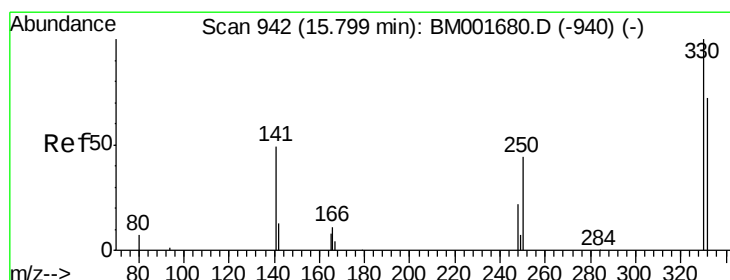
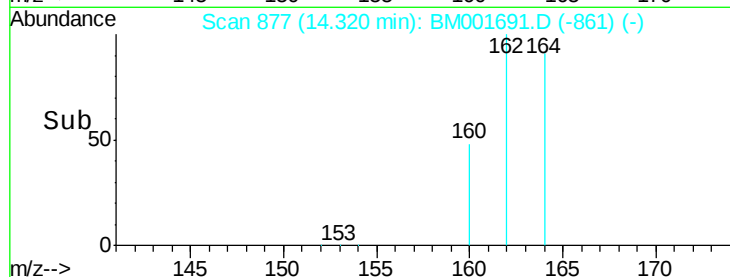
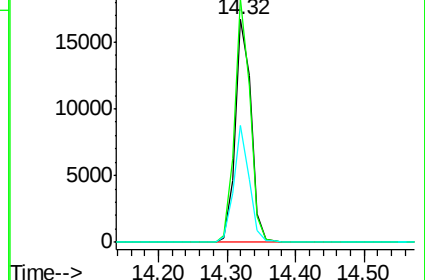
160 52.3 36.6 55.0



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



#13

2,4,6-Tribromophenol

Concen: 20.21 ng

RT: 15.81 min Scan# 942

Delta R.T. 0.01 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

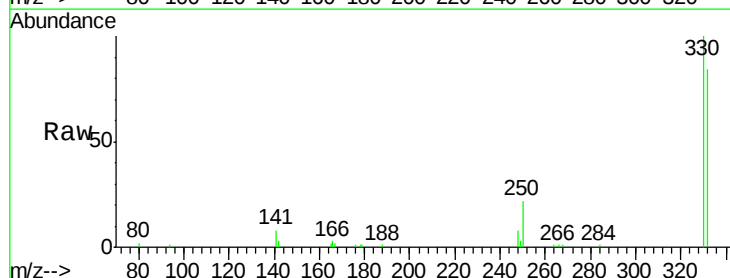
Tgt Ion:330 Resp: 12464

Ion Ratio Lower Upper

330 100

332 85.1 68.6 103.0

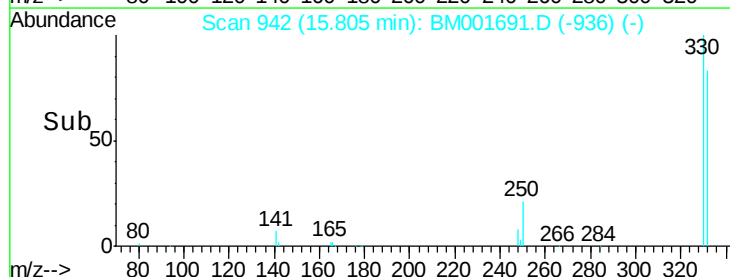
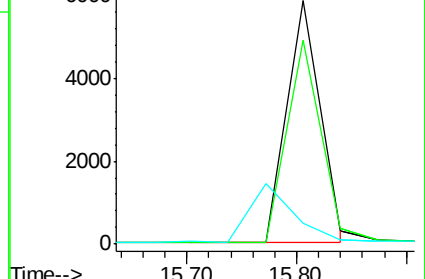
141 0.0 39.0 58.4#

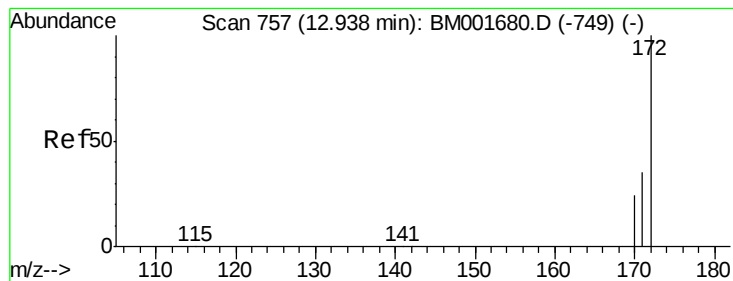


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

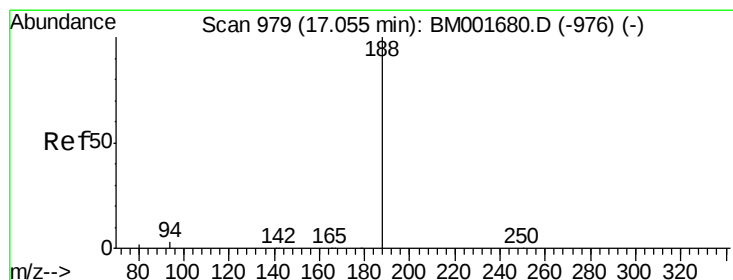
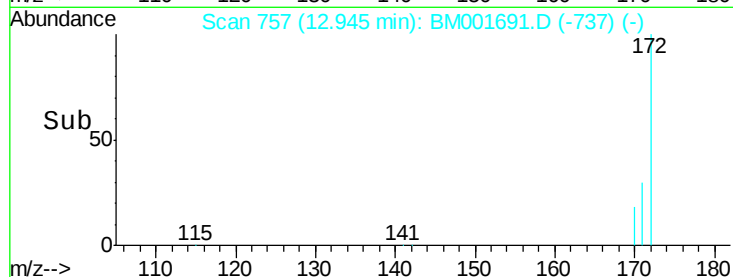
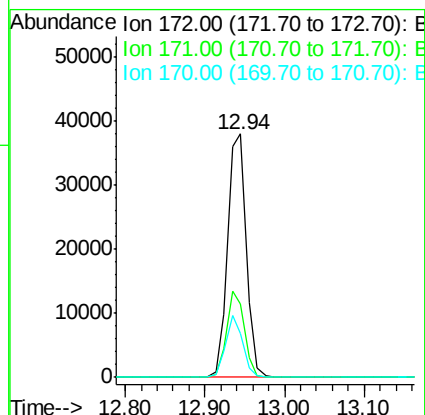
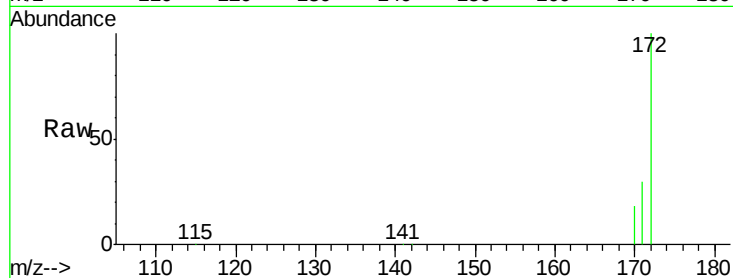




#14
 2-Fluorobiphenyl
 Concen: 6.55 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BM001691.D
 Acq: 13 Jun 2015 04:11

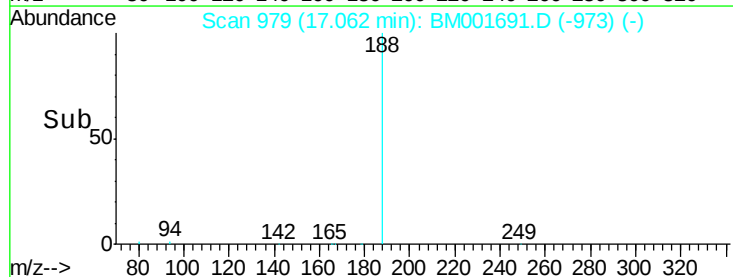
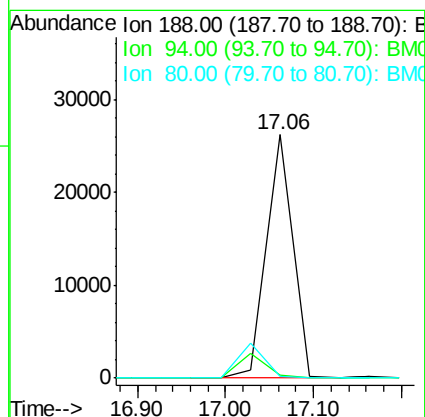
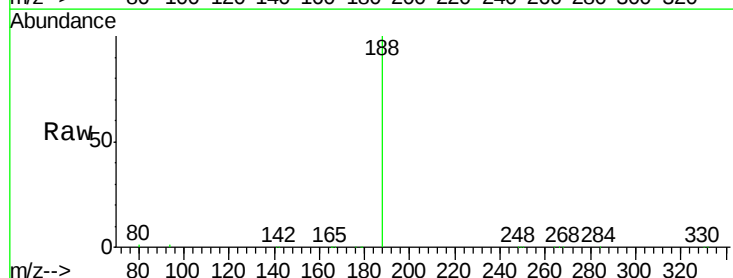
Instrument :
 BNA_M
 ClientSampleId :
 061115-P22-F-U-B

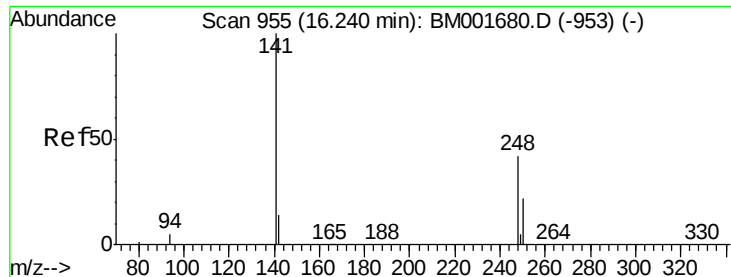
Tgt Ion:172 Resp: 61307
 Ion Ratio Lower Upper
 172 100
 171 30.4 28.4 42.6
 170 17.8 19.5 29.3#



#18
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: BM001691.D
 Acq: 13 Jun 2015 04:11

Tgt Ion:188 Resp: 55272
 Ion Ratio Lower Upper
 188 100
 94 1.1 2.2 3.2#
 80 0.9 1.8 2.8#





#19

4-Bromophenyl-phenylether

Concen: 0.03 ng

RT: 16.25 min Scan# 955

Delta R.T. 0.01 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-U-B

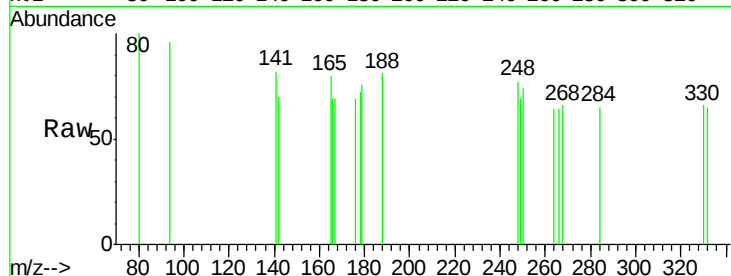
Tgt Ion:248 Resp: 29

Ion Ratio Lower Upper

248 100

250 48.3 59.7 89.5#

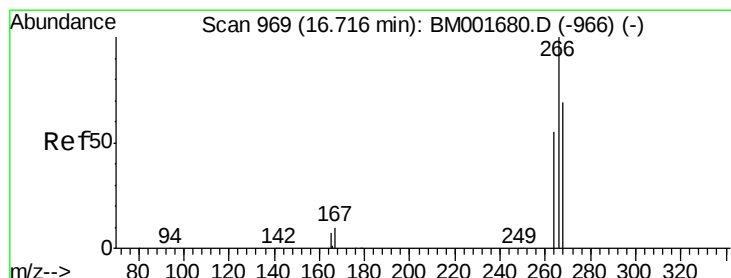
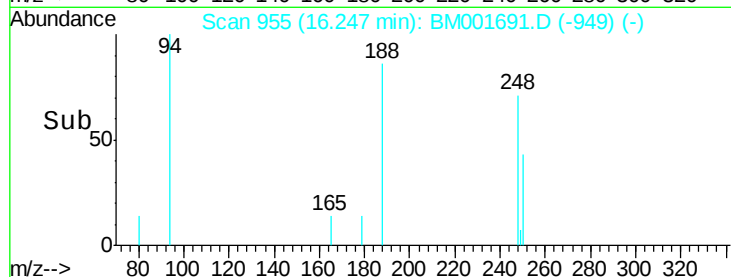
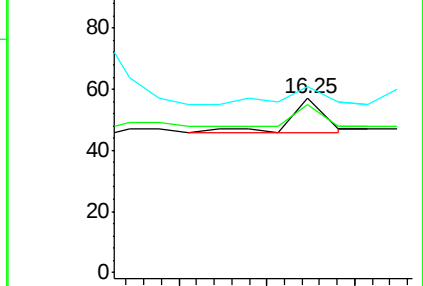
141 69.0 166.4 249.6#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#21

Pentachlorophenol

Concen: 0.32 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.01 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

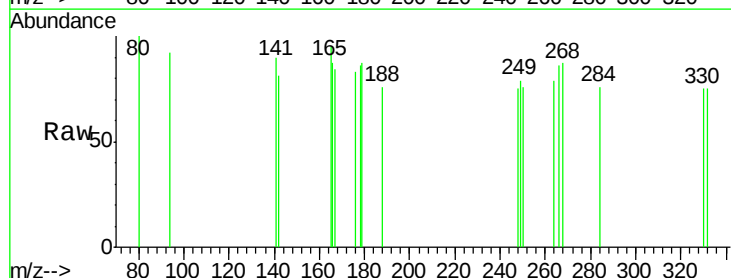
Tgt Ion:266 Resp: 16

Ion Ratio Lower Upper

266 100

268 101.9 57.2 85.8#

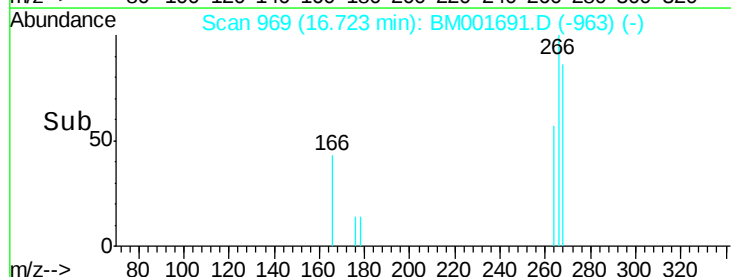
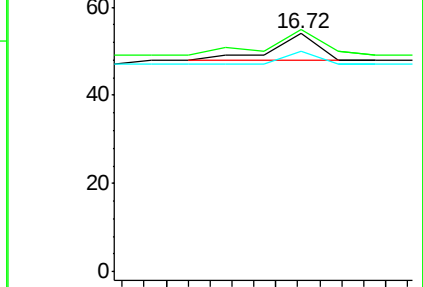
264 92.6 46.3 69.5#

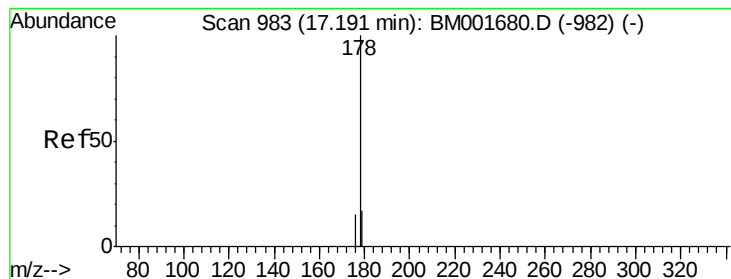


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Anthracene

Concen: 0.02 ng

RT: 17.10 min Scan# 980

Delta R.T. -0.10 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-U-B

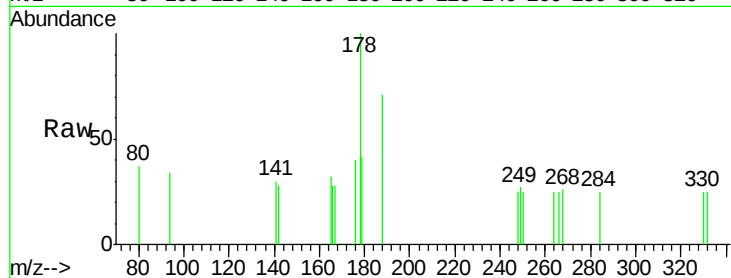
Tgt Ion:178 Resp: 238

Ion Ratio Lower Upper

178 100

176 24.8 12.6 18.8#

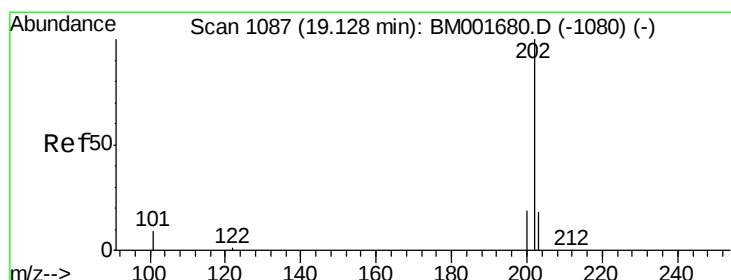
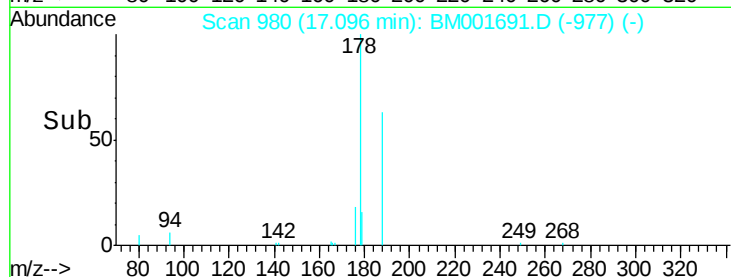
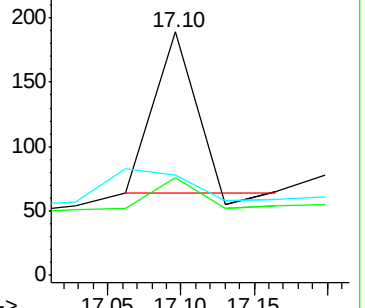
179 0.0 13.5 20.3#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.03 ng

RT: 19.13 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

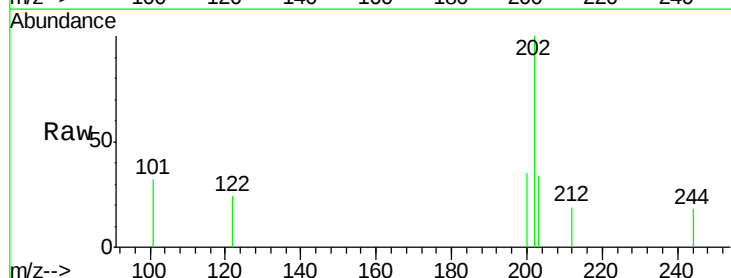
Tgt Ion:202 Resp: 286

Ion Ratio Lower Upper

202 100

101 18.2 10.3 15.5#

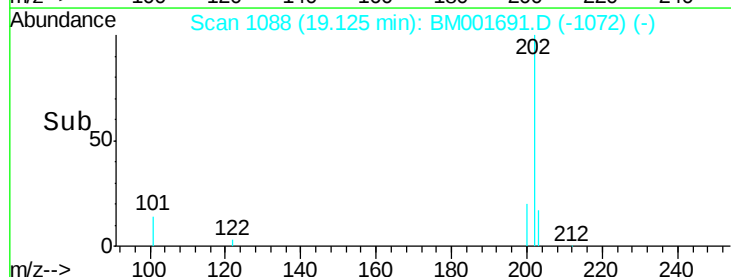
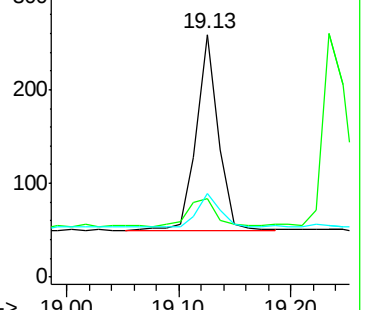
203 18.9 13.8 20.6

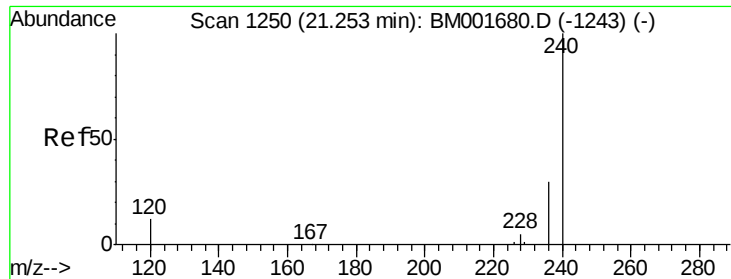


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

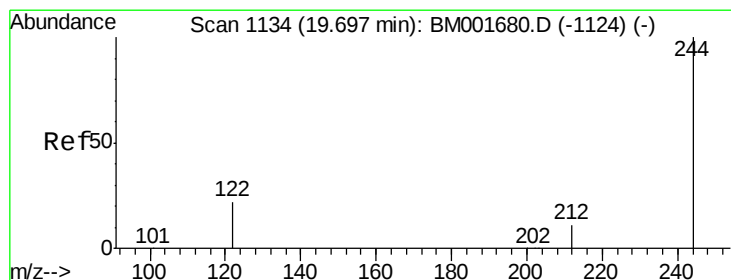
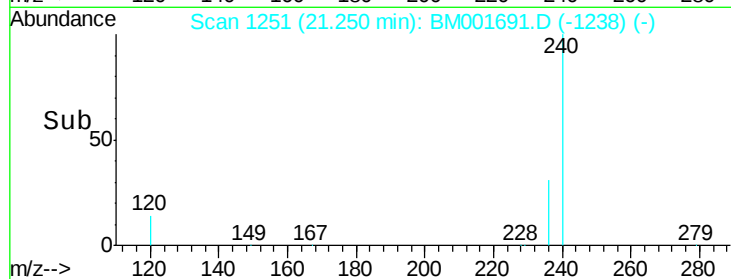
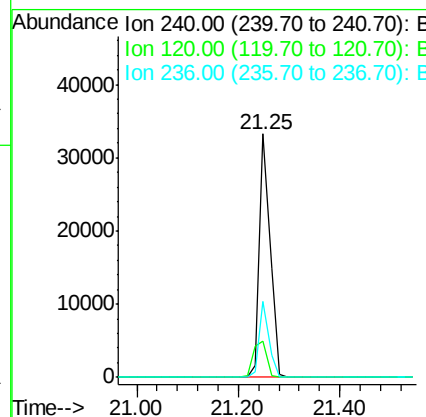
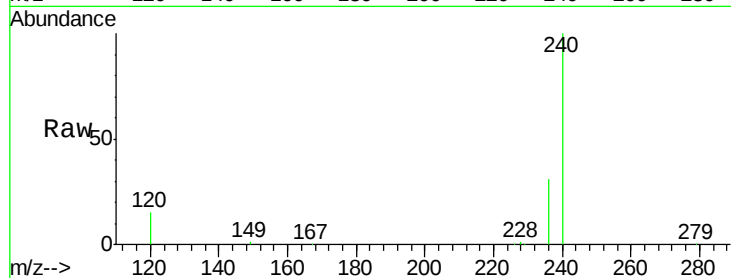




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.25 min Scan# 1251
Delta R.T. -0.00 min
Lab File: BM001691.D
Acq: 13 Jun 2015 04:11

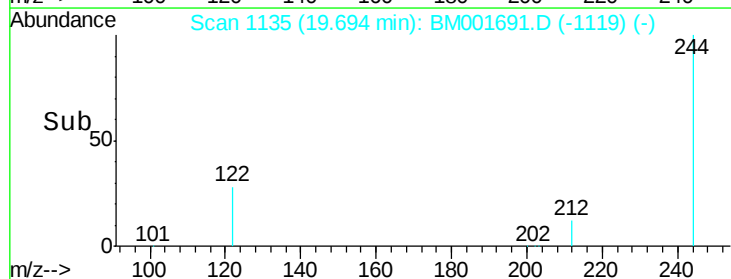
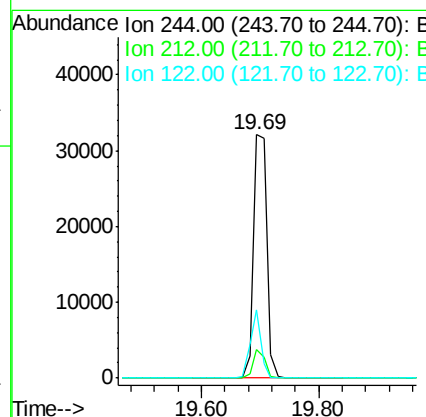
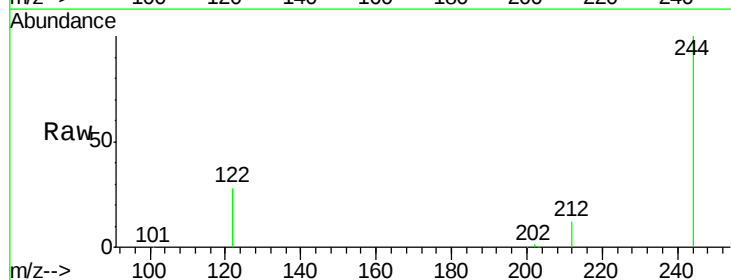
Instrument :
BNA_M
ClientSampleId :
061115-P22-F-U-B

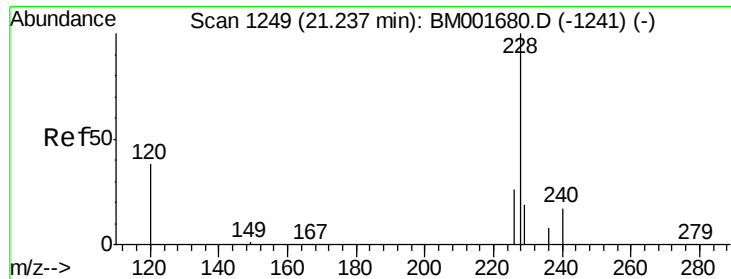
Tgt Ion:240 Resp: 46642
Ion Ratio Lower Upper
240 100
120 14.7 9.9 14.9
236 31.0 23.9 35.9



#27
Terphenyl-d14
Concen: 7.29 ng
RT: 19.69 min Scan# 1135
Delta R.T. -0.00 min
Lab File: BM001691.D
Acq: 13 Jun 2015 04:11

Tgt Ion:244 Resp: 50833
Ion Ratio Lower Upper
244 100
212 11.6 9.6 14.4
122 28.2 18.4 27.6#





#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.23 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-U-B

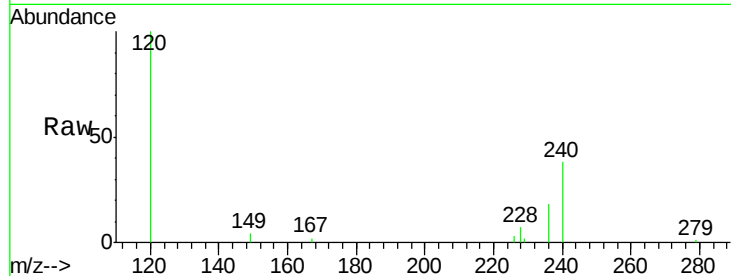
Tgt Ion:228 Resp: 433

Ion Ratio Lower Upper

228 100

226 38.9 21.0 31.4#

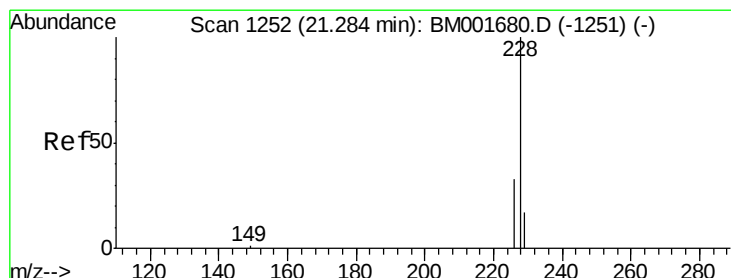
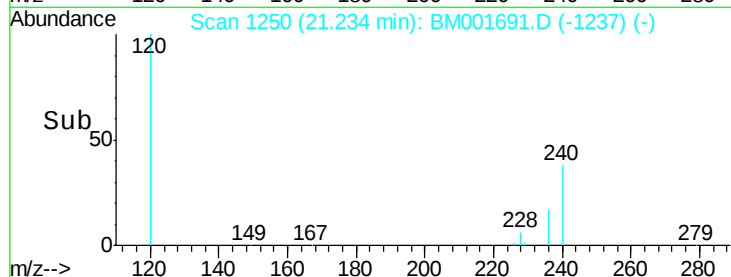
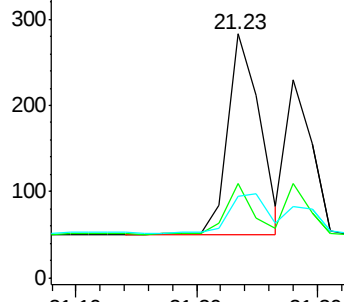
229 33.6 15.8 23.8#



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



#29

Chrysene

Concen: 0.03 ng

RT: 21.23 min Scan# 1250

Delta R.T. -0.05 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

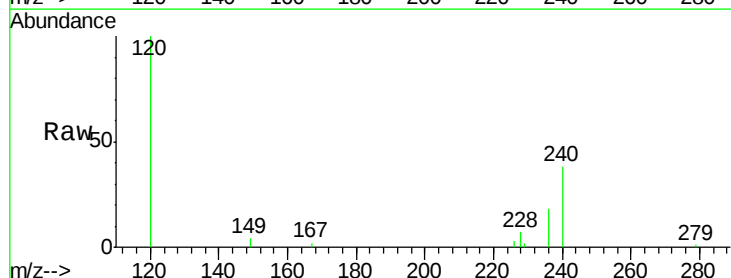
Tgt Ion:228 Resp: 433

Ion Ratio Lower Upper

228 100

226 38.9 27.4 41.0

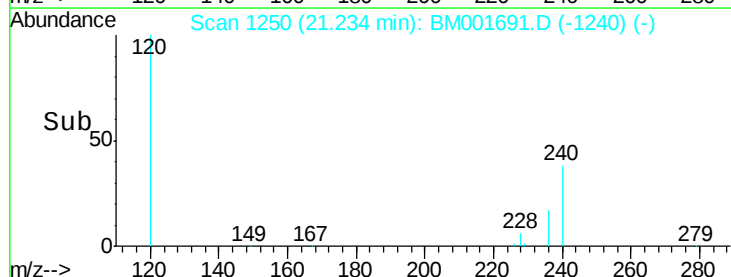
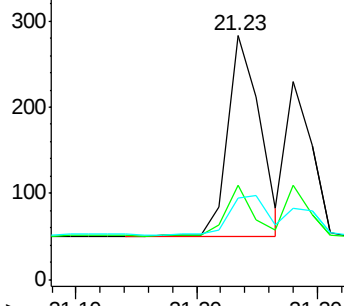
229 33.6 13.7 20.5#

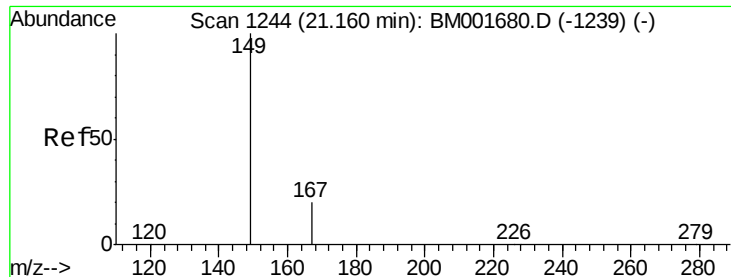


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

RT: 21.16 min Scan# 1245

Delta R.T. -0.00 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

Instrument :

BNA_M

ClientSampleId :

061115-P22-F-U-B

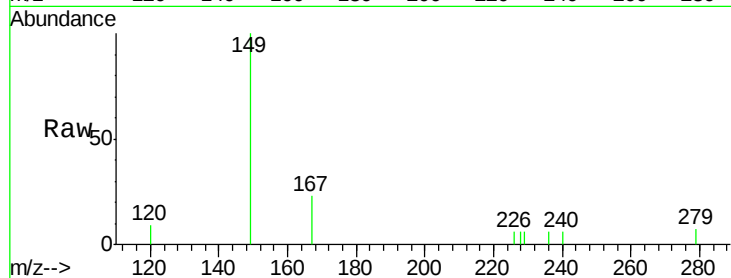
Tgt Ion:149 Resp: 1357

Ion Ratio Lower Upper

149 100

167 22.9 20.4 30.6

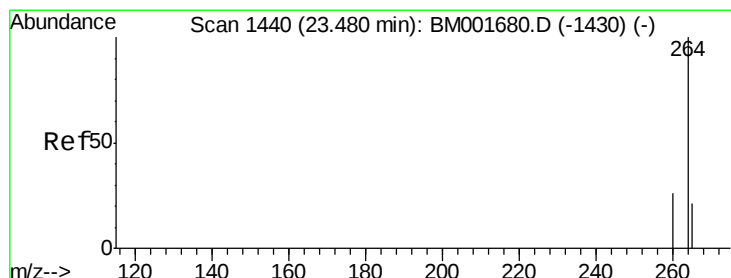
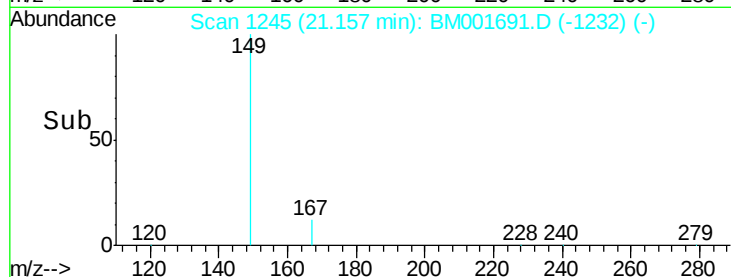
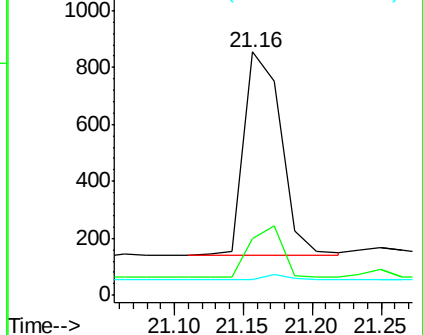
279 2.5 1.7 2.5



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.48 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BM001691.D

Acq: 13 Jun 2015 04:11

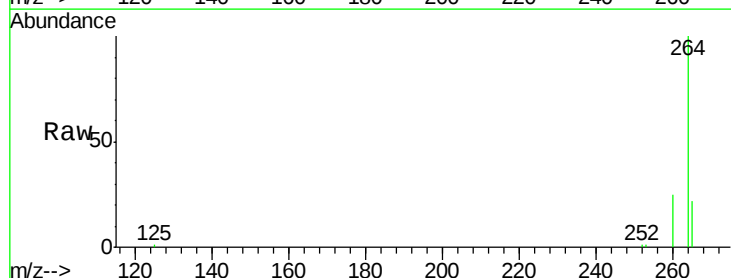
Tgt Ion:264 Resp: 43995

Ion Ratio Lower Upper

264 100

260 25.2 20.8 31.2

265 21.8 17.3 25.9



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

