

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050115\
 Data File : BM001150.D
 Acq On : 02 May 2015 02:43
 Operator : TP/IZ
 Sample : PB83018BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83018BSD

Quant Time: May 02 03:48:30 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 02 02:22:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	15185	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	61821	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	34400	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	79424	5.00	ng	0.00
24) Chrysene-d12	21.15	240	62662	5.00	ng	0.00
30) Perylene-d12	23.29	264	46266	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.11	112	43786	14.83	ng/uL	-0.01
5) Phenol-d6	6.71	99	60229	16.55	ng/uL	0.00
7) Nitrobenzene-d5	8.69	82	40966	11.70	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	25629	15.11	ng/uL	0.00
14) 2-Fluorobiphenyl	12.81	172	117688	10.34	ng	0.00
26) Terphenyl-d14	19.59	244	92800	10.74	ng	0.00

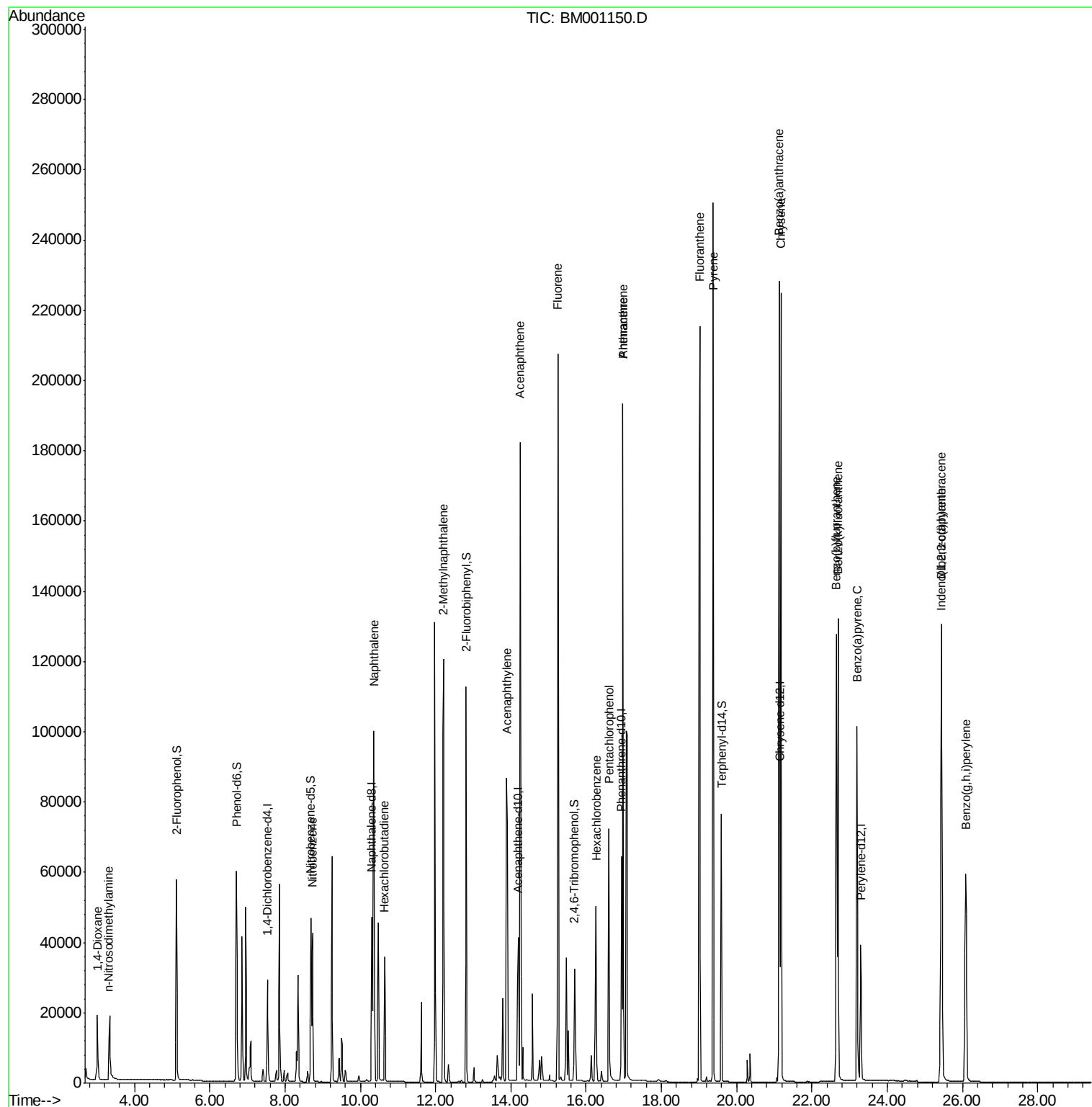
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	12113	9.76	ng	# 77
3) n-Nitrosodimethylamine	3.32	42	18813	10.12	ng	99
8) Nitrobenzene	8.73	77	46107	9.95	ng/uL	94
9) Naphthalene	10.36	128	131652	9.69	ng	99
10) Hexachlorobutadiene	10.65	225	24701	9.43	ng/uL	100
11) 2-Methylnaphthalene	12.21	142	84577	9.07	ng	94
15) Acenaphthylene	13.89	152	162296	10.79	ng	# 67
16) Acenaphthene	14.24	154	113034	10.88	ng	89
17) Fluorene	15.24	166	130096	10.80	ng	100
19) Hexachlorobenzene	16.26	284	46127	10.78	ng	# 96
20) Pentachlorophenol	16.61	266	50224	16.98	ng	95
21) Phenanthrene	16.98	178	204739	10.01	ng	100
22) Anthracene	16.98	178	204739	12.11	ng	98
23) Fluoranthene	19.01	202	219373	10.60	ng	100
25) Pyrene	19.38	202	228229	11.66	ng	99
27) Benzo(a)anthracene	21.13	228	188929	10.69	ng	96
28) Chrysene	21.18	228	176627	10.18	ng	98
29) Indeno(1,2,3-cd)pyrene	25.43	276	136001	8.60	ng	99
31) Benzo(b)fluoranthene	22.65	252	152404	10.70	ng	95
32) Benzo(k)fluoranthene	22.69	252	152969	11.46	ng	95
33) Benzo(a)pyrene	23.20	252	139757	11.63	ng	99
34) Dibenzo(a,h)anthracene	25.44	278	109403	10.38	ng	96
35) Benzo(g,h,i)perylene	26.09	276	111531	10.03	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.53 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

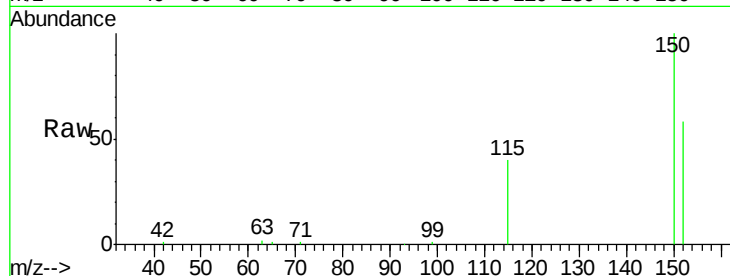
Tgt Ion: 152 Resp: 15185

Ion Ratio Lower Upper

152 100

150 171.3 140.1 210.1

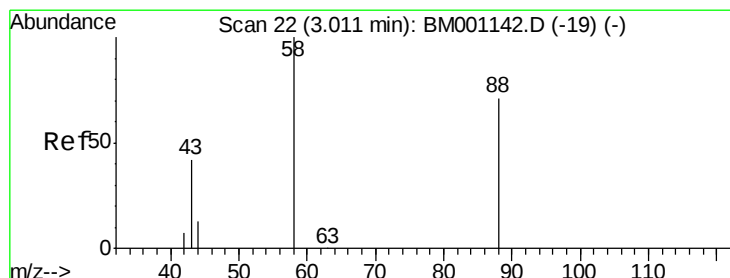
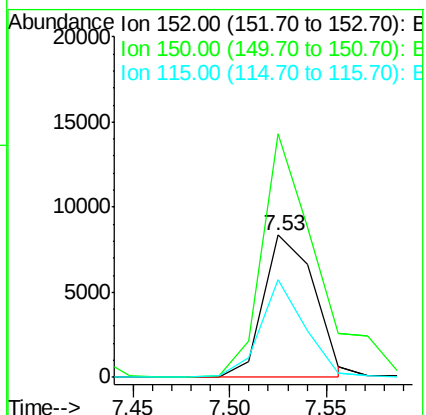
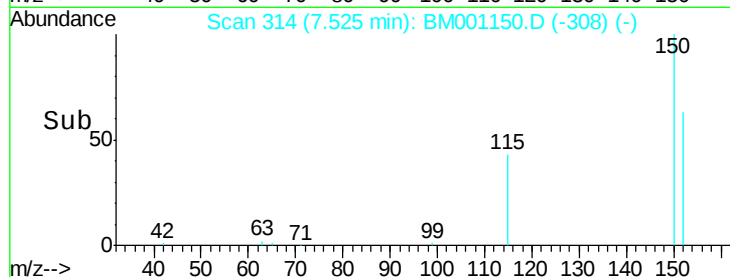
115 69.0 57.8 86.6



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



#2

1,4-Dioxane

Concen: 9.76 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

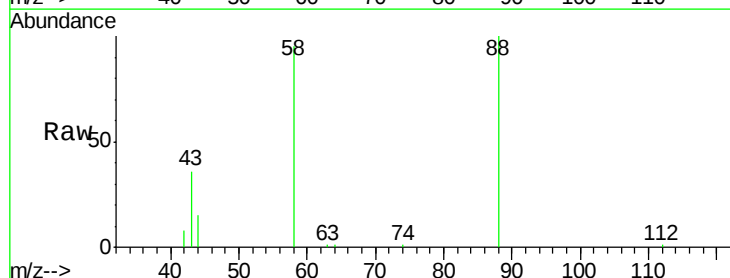
Tgt Ion: 88 Resp: 12113

Ion Ratio Lower Upper

88 100

58 82.6 48.2 72.2#

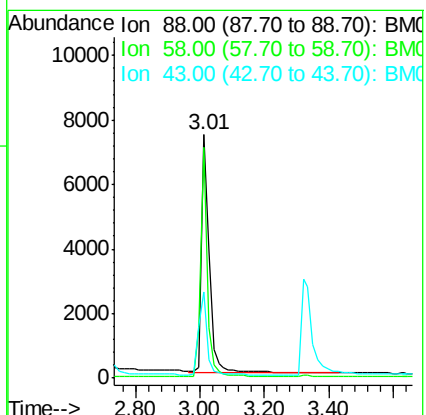
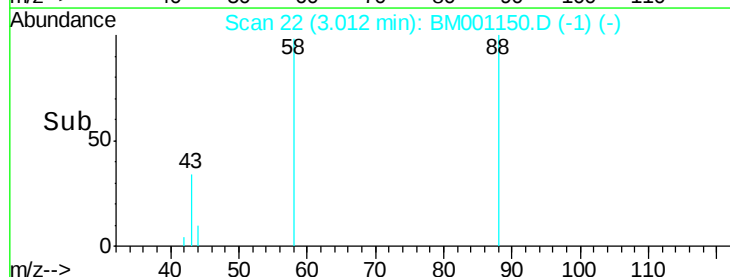
43 37.2 24.8 37.2



Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 10.12 ng

RT: 3.32 min Scan# 42

Delta R.T. -0.02 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

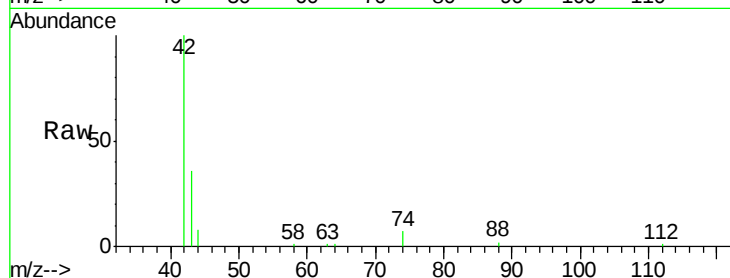
Tgt Ion: 42 Resp: 18813

Ion Ratio Lower Upper

42 100

74 91.2 72.0 108.0

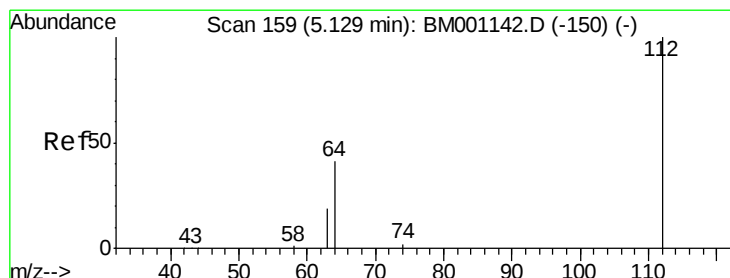
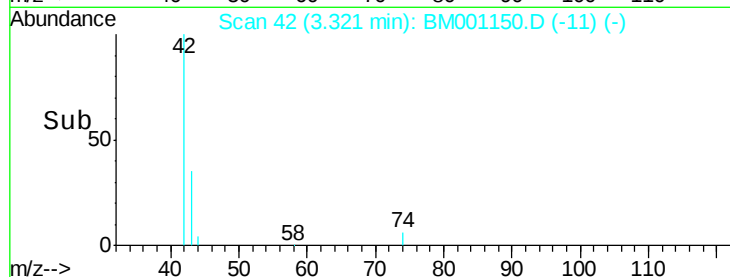
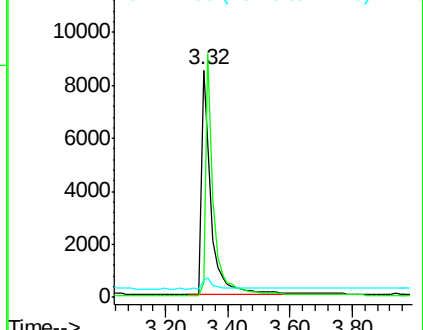
44 5.4 3.7 5.5



Abundance Ion 42.00 (41.70 to 42.70): BM001142.D (-41) (-)

Ion 74.00 (73.70 to 74.70): BM001142.D (-41) (-)

Ion 44.00 (43.70 to 44.70): BM001142.D (-41) (-)



#4

2-Fluorophenol

Concen: 14.83 ng/uL

RT: 5.11 min Scan# 158

Delta R.T. -0.01 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

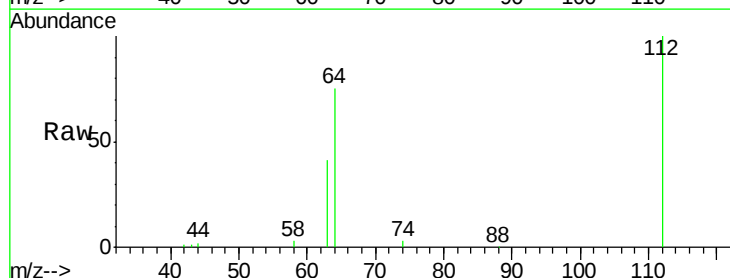
Tgt Ion: 112 Resp: 43786

Ion Ratio Lower Upper

112 100

64 64.7 52.6 79.0

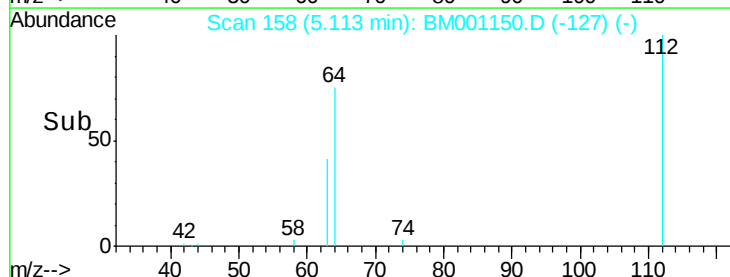
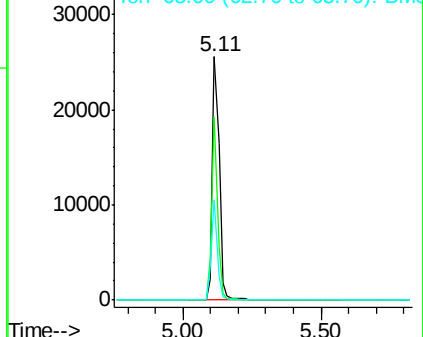
63 35.9 29.5 44.3

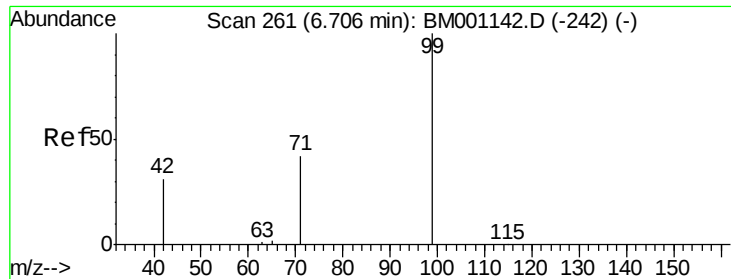


Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

Ion 64.00 (63.70 to 64.70): BM001142.D (-150) (-)

Ion 63.00 (62.70 to 63.70): BM001142.D (-150) (-)





#5

Phenol-d6

Concen: 16.55 ng/uL

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

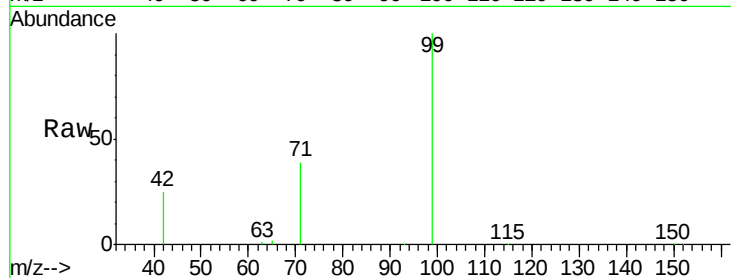
Tgt Ion: 99 Resp: 60229

Ion Ratio Lower Upper

99 100

42 25.2 20.9 31.3

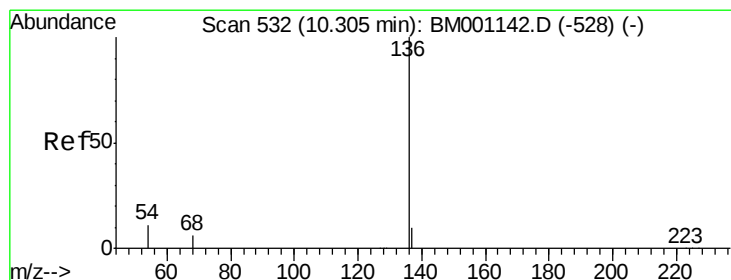
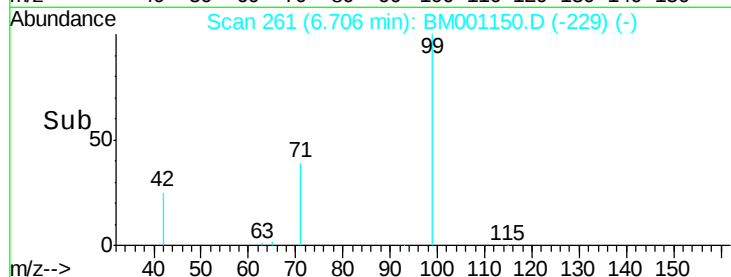
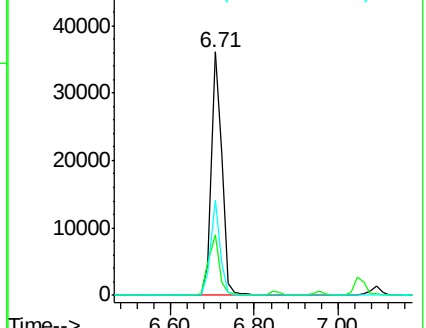
71 35.2 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001142.D (-242) (-)

Ion 42.00 (41.70 to 42.70): BM001142.D (-242) (-)

Ion 71.00 (70.70 to 71.70): BM001142.D (-242) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

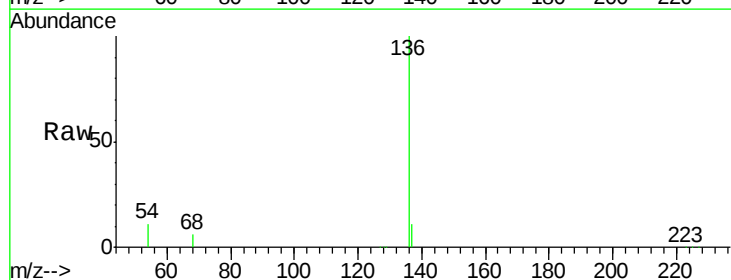
Tgt Ion: 136 Resp: 61821

Ion Ratio Lower Upper

136 100

137 10.5 8.2 12.4

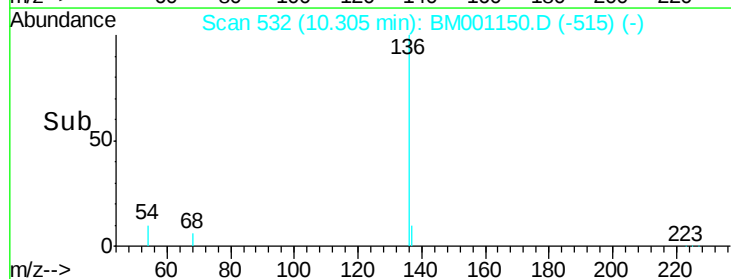
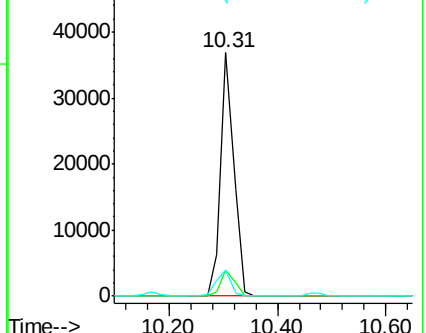
54 10.5 9.0 13.4

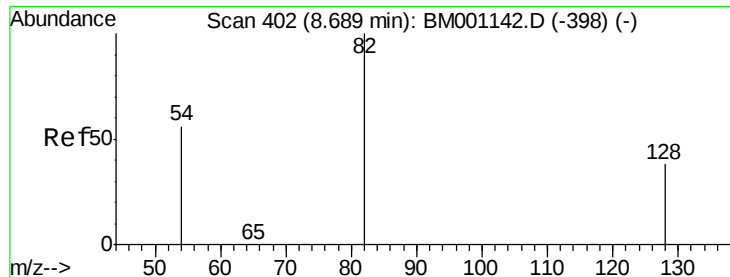


Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

Ion 137.00 (136.70 to 137.70): BM001142.D (-528) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-528) (-)





#7

Nitrobenzene-d5

Concen: 11.70 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

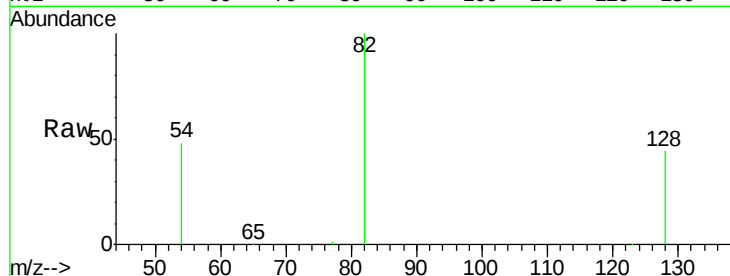
Tgt Ion: 82 Resp: 40966

Ion Ratio Lower Upper

82 100

128 44.4 31.9 47.9

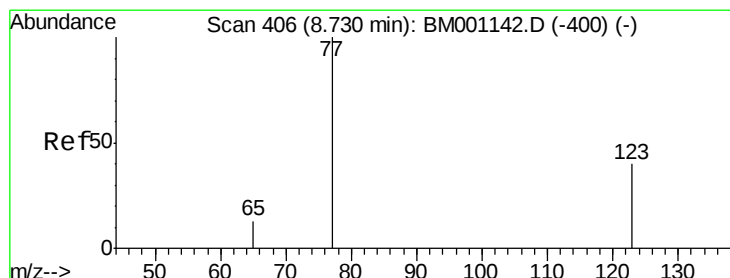
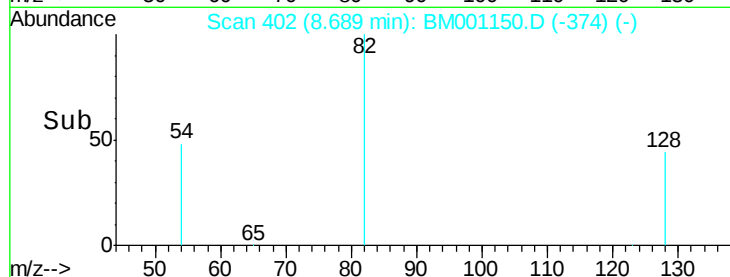
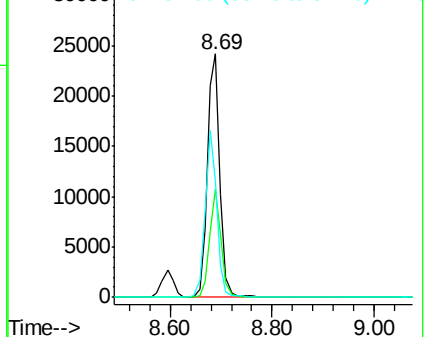
54 48.1 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BM001142.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001142.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-398) (-)



#8

Nitrobenzene

Concen: 9.95 ng/uL

RT: 8.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

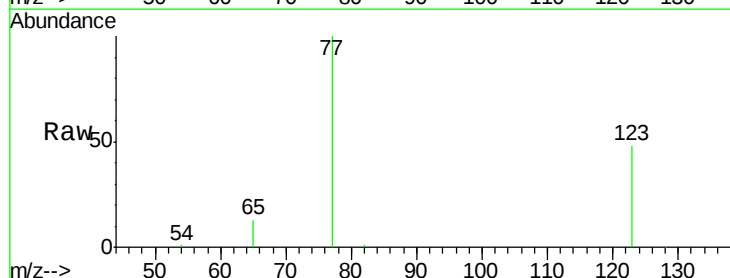
Tgt Ion: 77 Resp: 46107

Ion Ratio Lower Upper

77 100

123 43.1 31.0 46.6

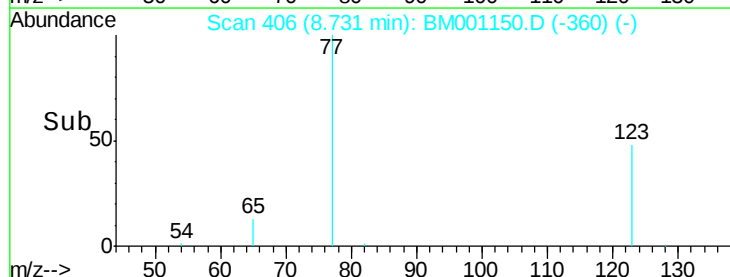
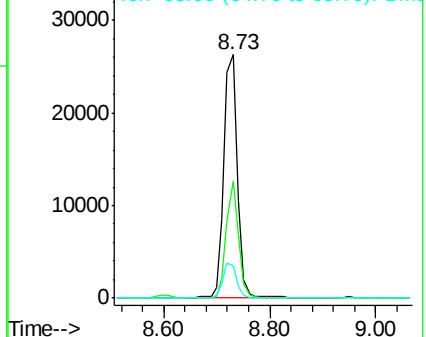
65 14.2 10.6 15.8

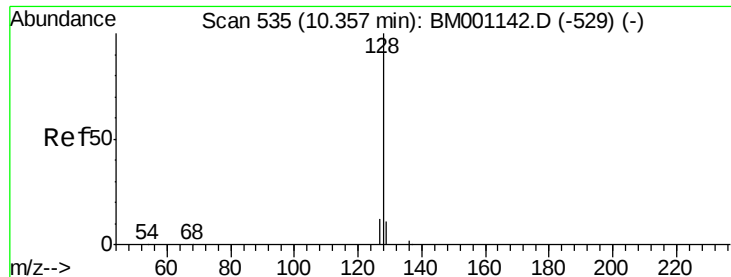


Abundance Ion 77.00 (76.70 to 77.70): BM001142.D (-400) (-)

Ion 123.00 (122.70 to 123.70): BM001142.D (-400) (-)

Ion 65.00 (64.70 to 65.70): BM001142.D (-400) (-)





#9

Naphthalene

Concen: 9.69 ng

RT: 10.36 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

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ClientSampleId :

PB83018BSD

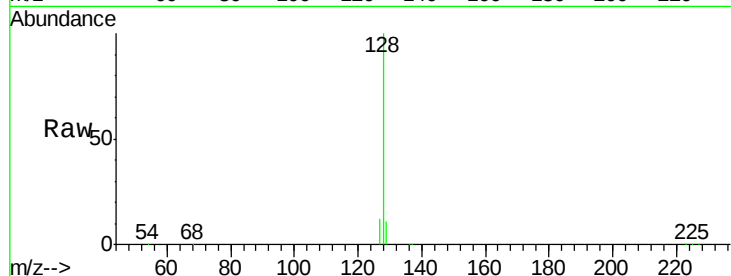
Tgt Ion:128 Resp: 131652

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

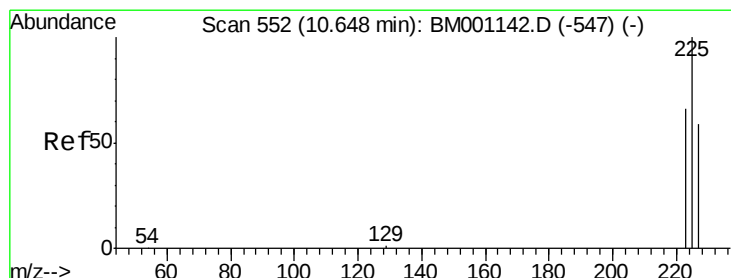
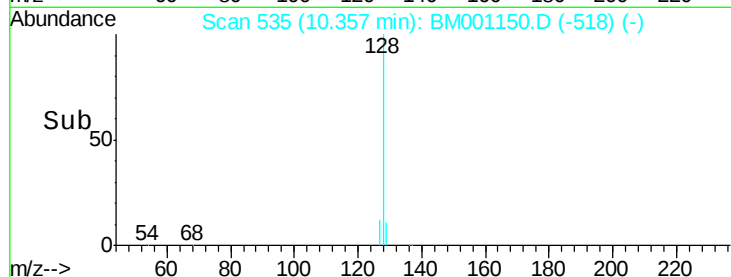
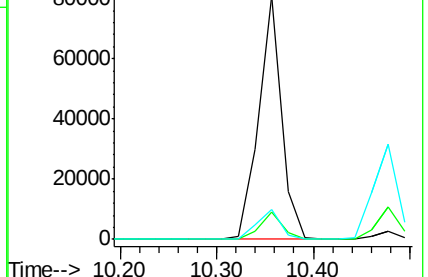
127 12.1 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 9.43 ng/uL

RT: 10.65 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

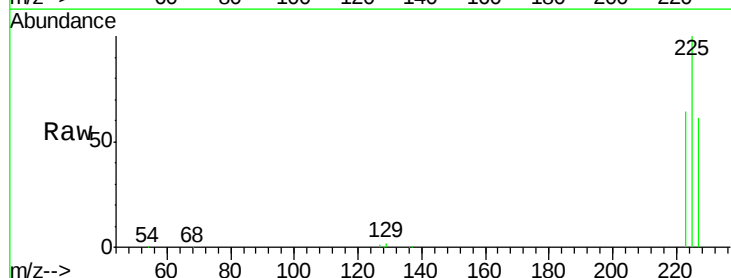
Tgt Ion:225 Resp: 24701

Ion Ratio Lower Upper

225 100

223 62.9 50.8 76.2

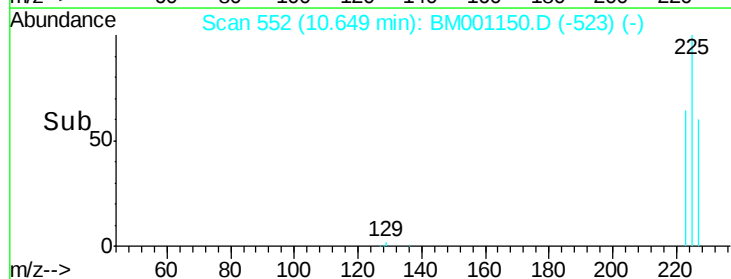
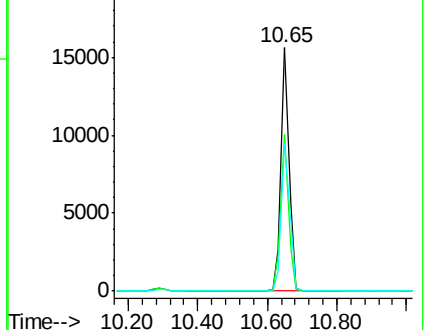
227 63.6 51.0 76.4

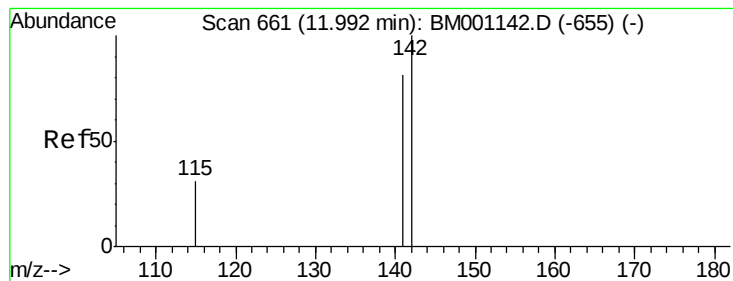


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 9.07 ng

RT: 12.21 min Scan# 682

Delta R.T. 0.22 min

Lab File: BM001150.D

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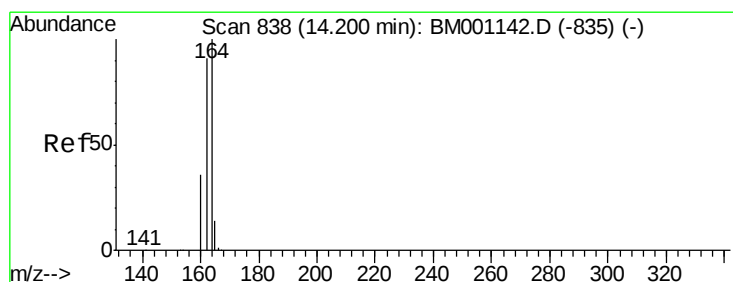
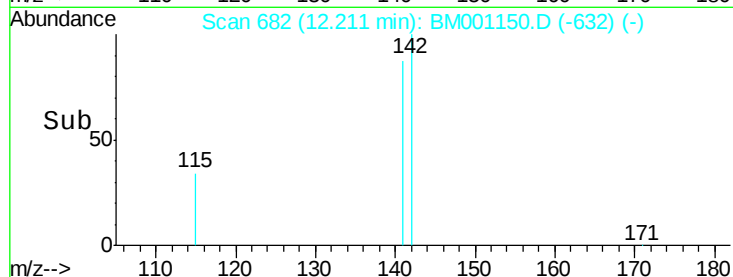
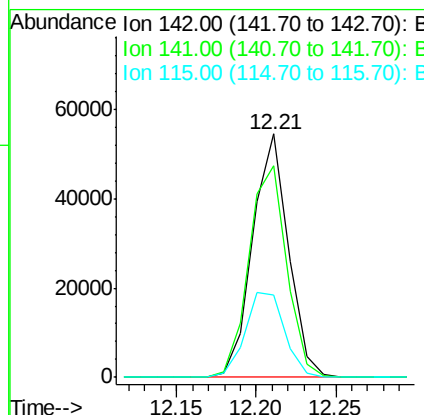
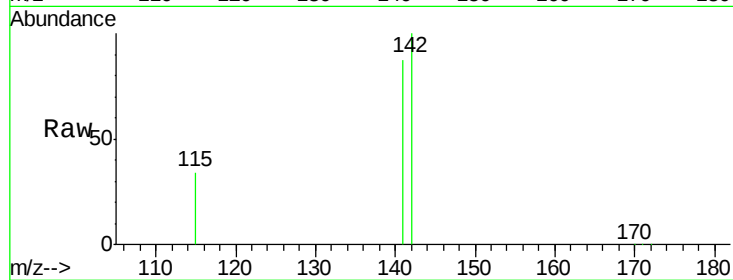
Tgt Ion:142 Resp: 84577

Ion Ratio Lower Upper

142 100

141 87.2 65.1 97.7

115 33.7 25.1 37.7



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

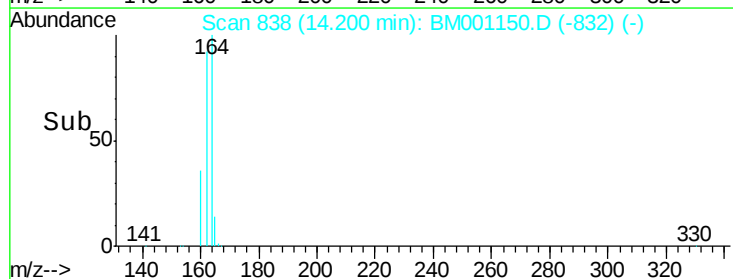
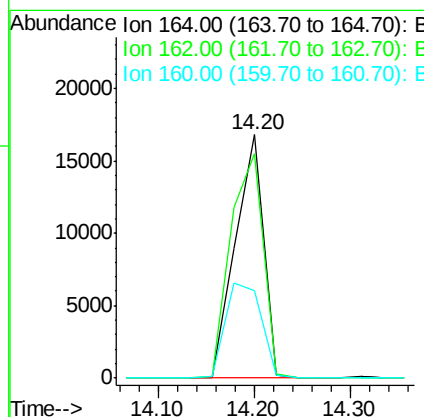
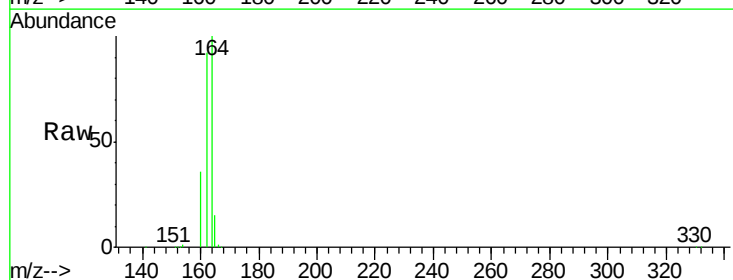
Tgt Ion:164 Resp: 34400

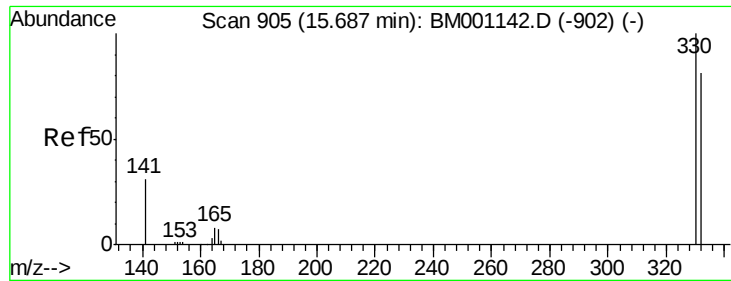
Ion Ratio Lower Upper

164 100

162 92.0 72.7 109.1

160 36.1 28.7 43.1

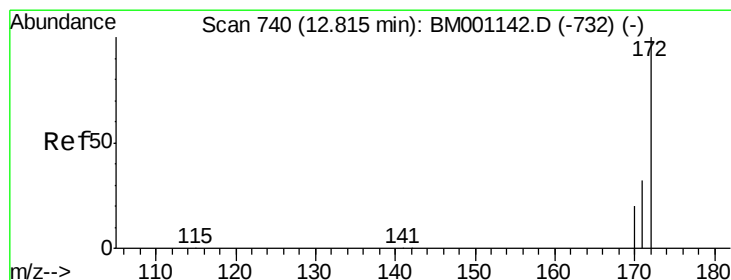
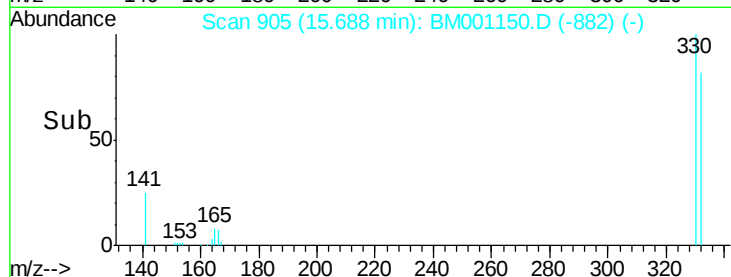
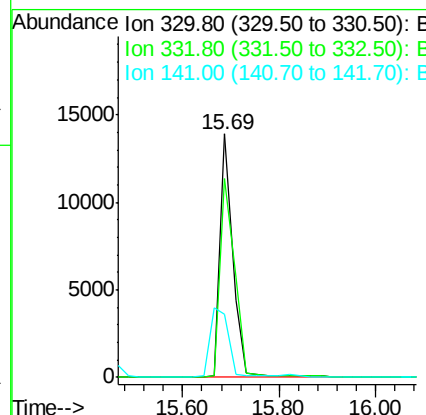
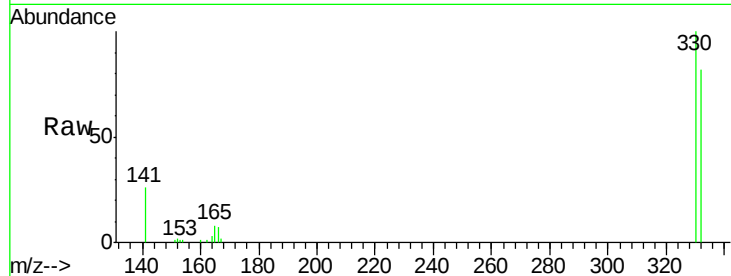




#13
 2,4,6-Tribromophenol
 Concen: 15.11 ng/uL
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001150.D
 Acq: 02 May 2015 02:43

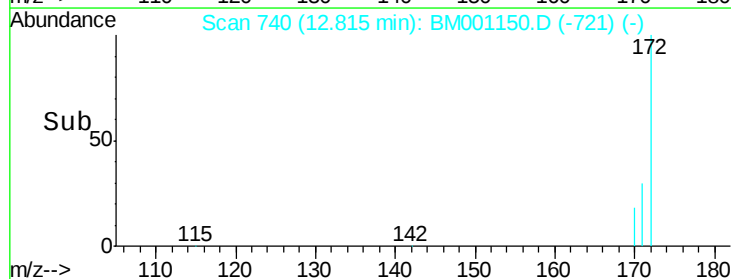
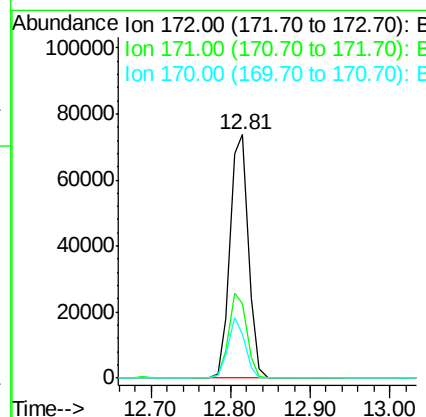
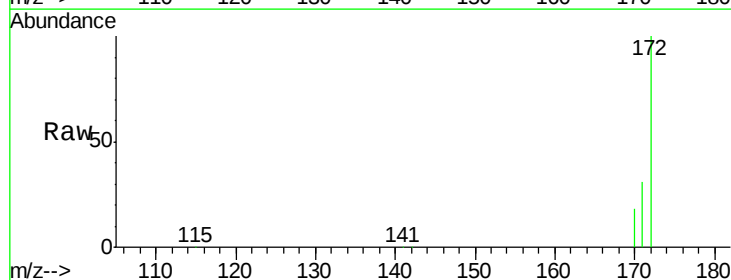
Instrument :
 BNA_M
 ClientSampleId :
 PB83018BSD

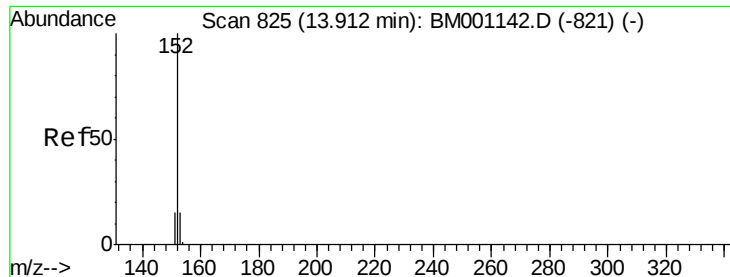
Tgt Ion:330 Resp: 25629
 Ion Ratio Lower Upper
 330 100
 332 93.5 74.5 111.7
 141 0.0 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 10.34 ng
 RT: 12.81 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BM001150.D
 Acq: 02 May 2015 02:43

Tgt Ion:172 Resp: 117688
 Ion Ratio Lower Upper
 172 100
 171 30.7 25.8 38.6
 170 18.2 16.1 24.1





#15

Acenaphthylene

Concen: 10.79 ng

RT: 13.89 min Scan# 824

Delta R.T. -0.02 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

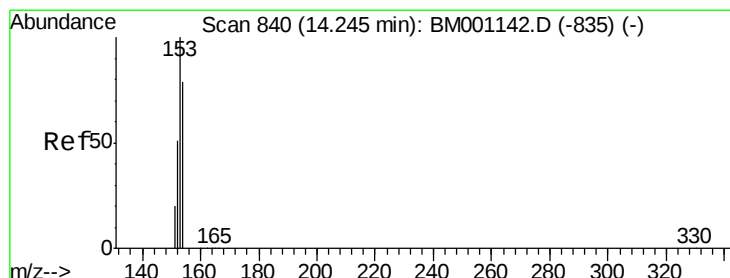
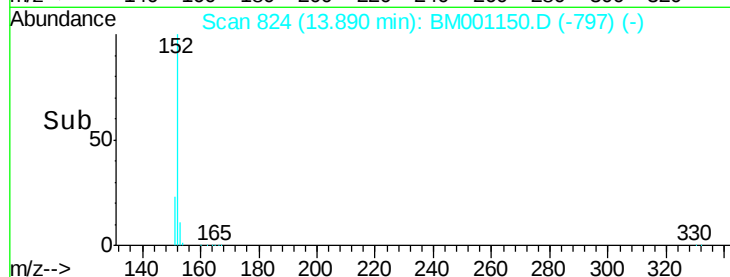
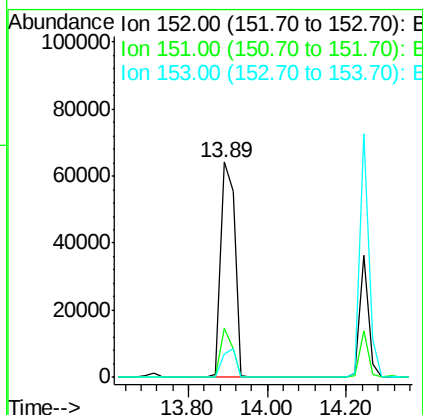
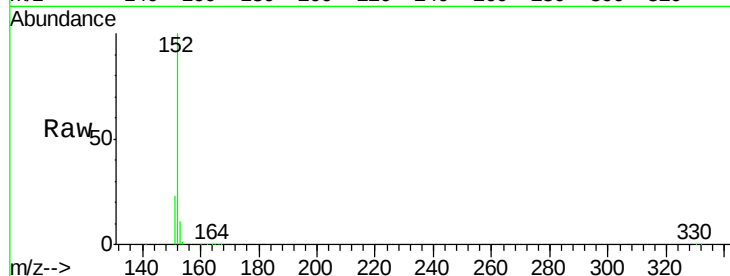
Tgt Ion:152 Resp: 162296

Ion Ratio Lower Upper

152 100

151 19.2 0.0 0.0#

153 0.0 10.3 15.5#



#16

Acenaphthene

Concen: 10.88 ng

RT: 14.24 min Scan# 840

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

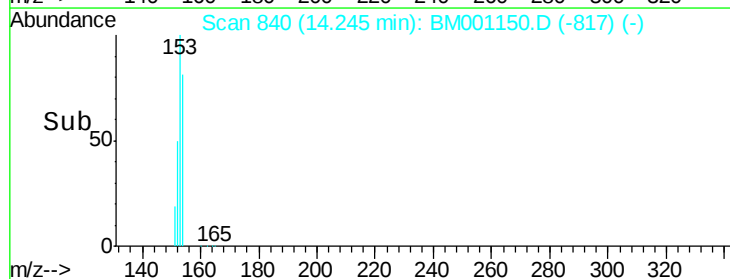
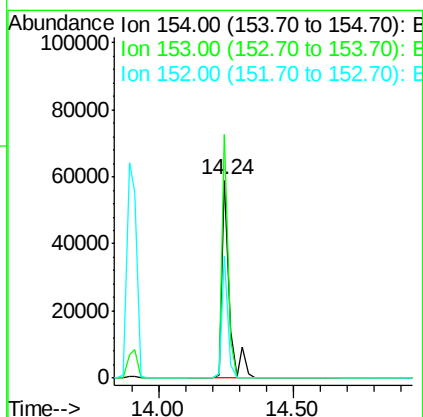
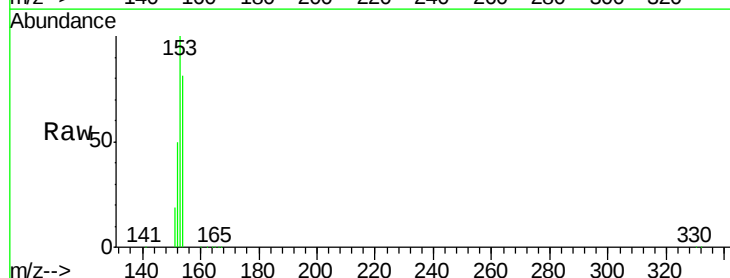
Tgt Ion:154 Resp: 113034

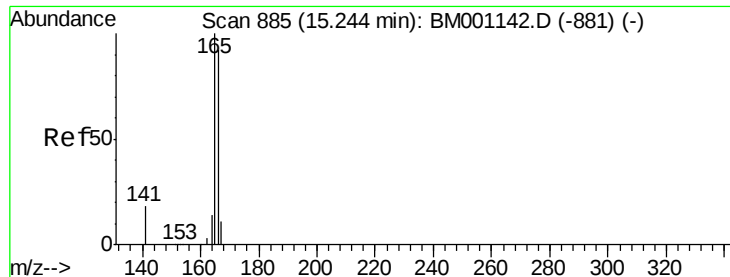
Ion Ratio Lower Upper

154 100

153 100.6 90.6 136.0

152 49.0 45.0 67.4

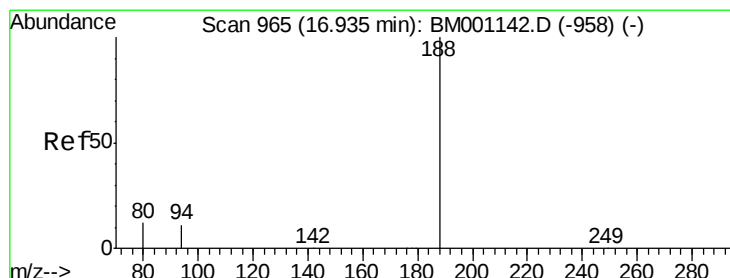
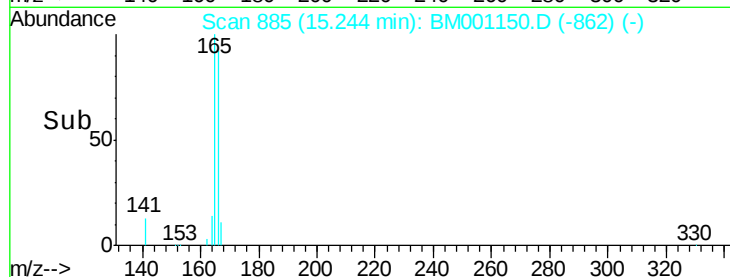
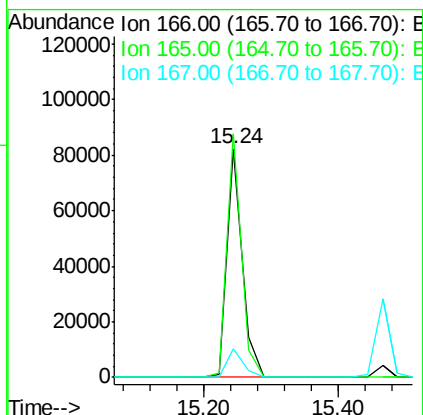
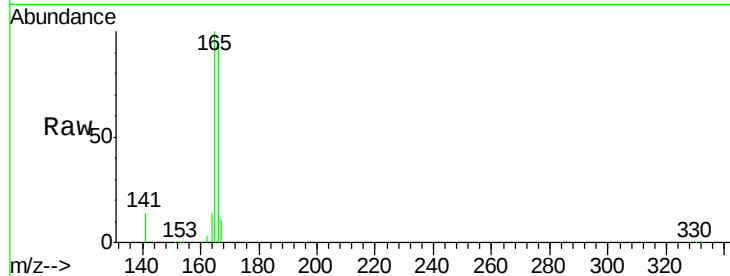




#17
Fluorene
 Concen: 10.80 ng
 RT: 15.24 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BM001150.D
 Acq: 02 May 2015 02:43

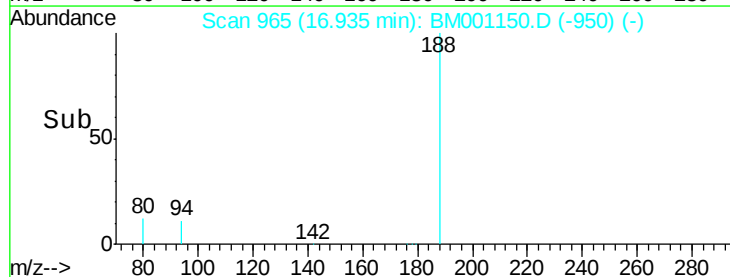
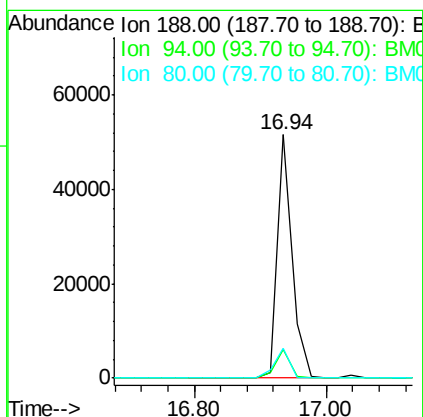
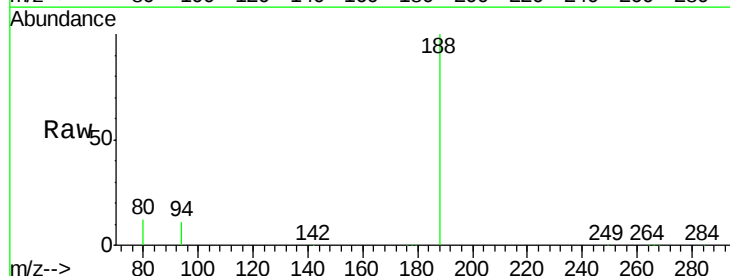
Instrument :
 BNA_M
 ClientSampleId :
 PB83018BSD

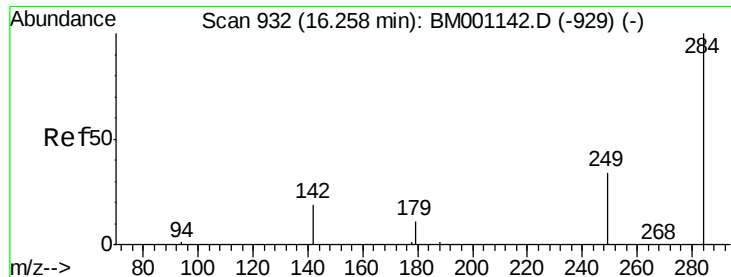
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.2	81.0	121.6
167	13.0	10.4	15.6



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BM001150.D
 Acq: 02 May 2015 02:43

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.3	13.9
80	12.1	9.8	14.6

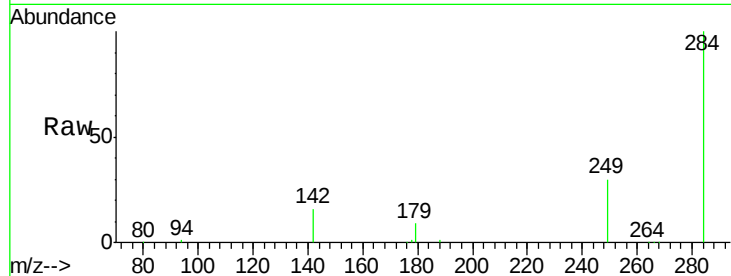




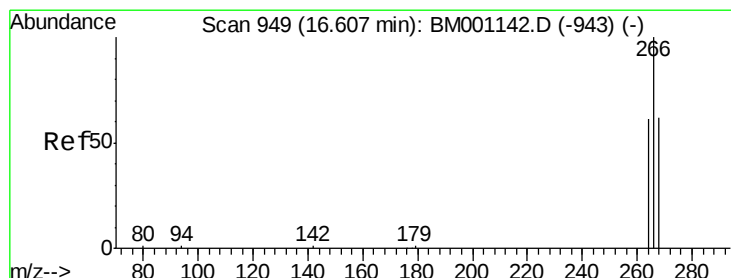
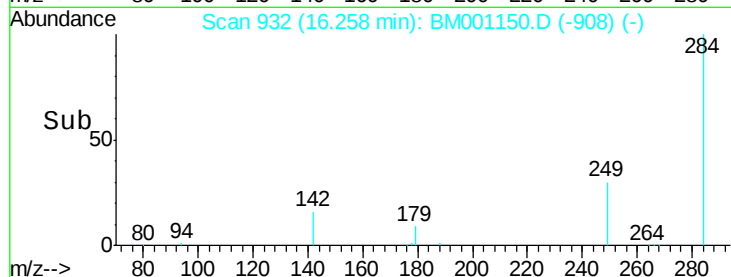
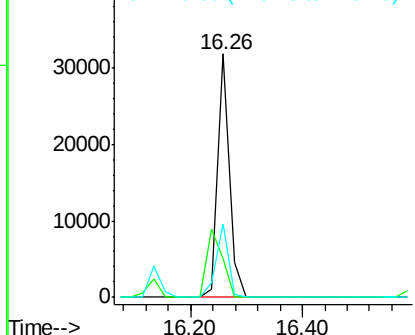
#19
Hexachlorobenzene
Concen: 10.78 ng
RT: 16.26 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM001150.D
Acq: 02 May 2015 02:43

Instrument :
BNA_M
ClientSampleId :
PB83018BSD

Tgt Ion:284 Resp: 46127
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 31.1 26.5 39.7

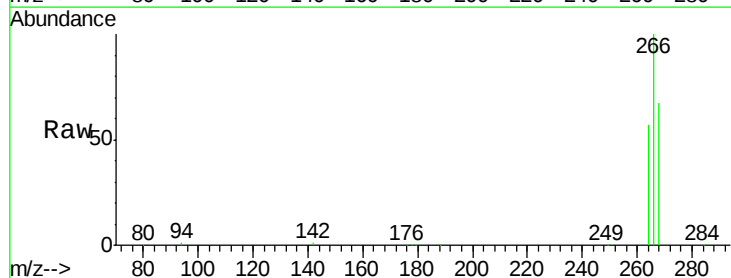


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

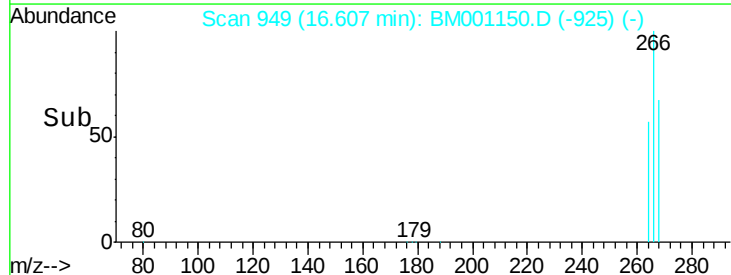
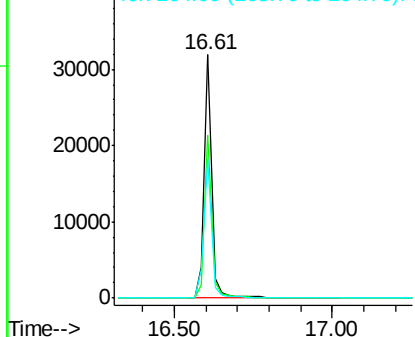


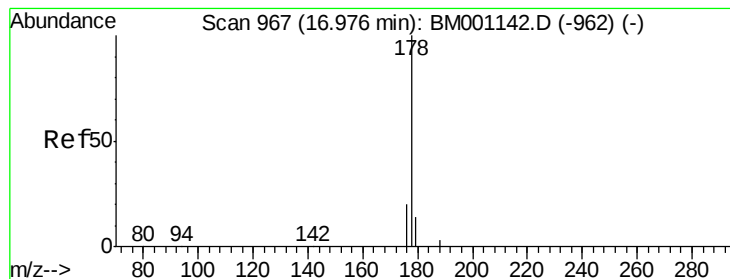
#20
Pentachlorophenol
Concen: 16.98 ng
RT: 16.61 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001150.D
Acq: 02 May 2015 02:43

Tgt Ion:266 Resp: 50224
Ion Ratio Lower Upper
266 100
268 66.9 52.6 79.0
264 57.0 51.0 76.4



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





#21

Phenanthrene

Concen: 10.01 ng

RT: 16.98 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

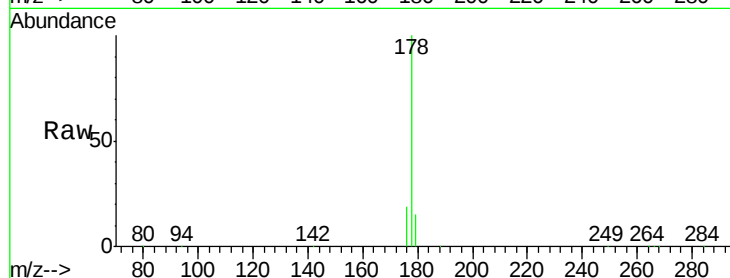
Tgt Ion:178 Resp: 204739

Ion Ratio Lower Upper

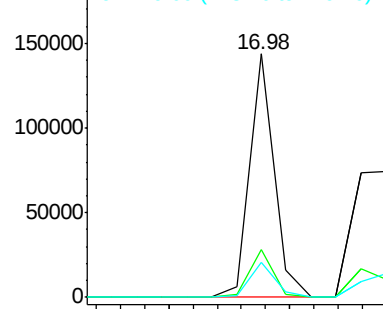
178 100

176 19.1 15.5 23.3

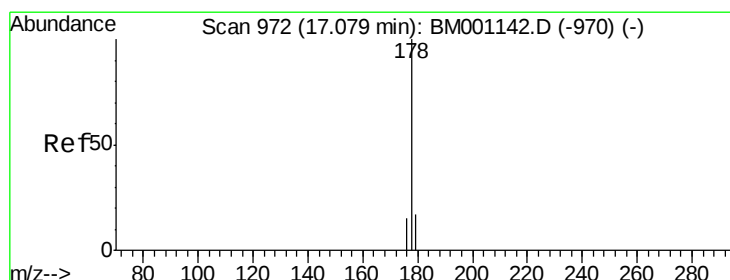
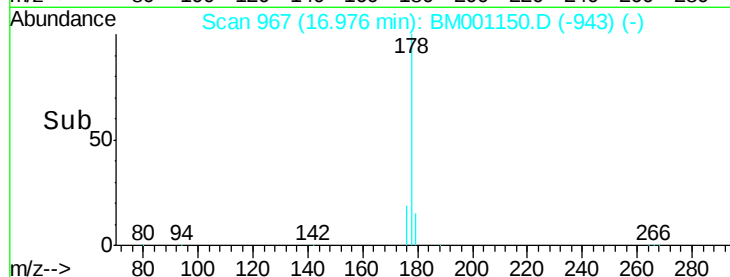
179 15.1 12.0 18.0



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



Time-->



#22

Anthracene

Concen: 12.11 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.10 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

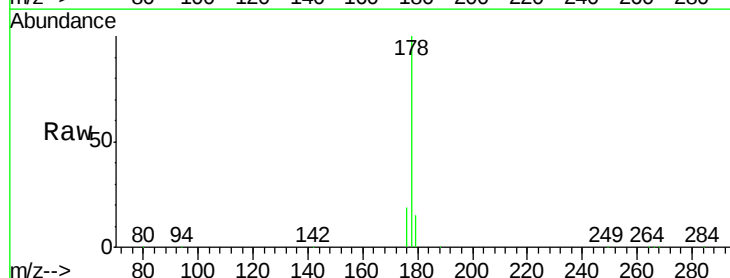
Tgt Ion:178 Resp: 204739

Ion Ratio Lower Upper

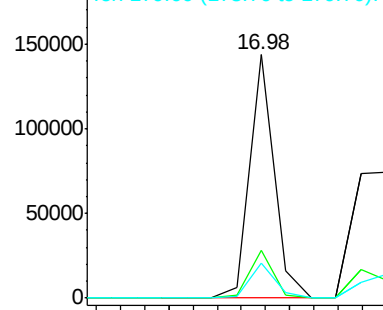
178 100

176 19.1 14.3 21.5

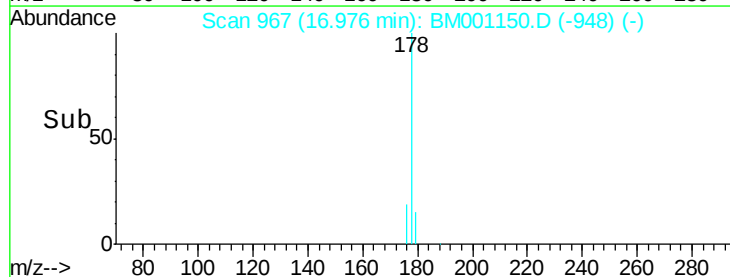
179 15.1 12.2 18.2

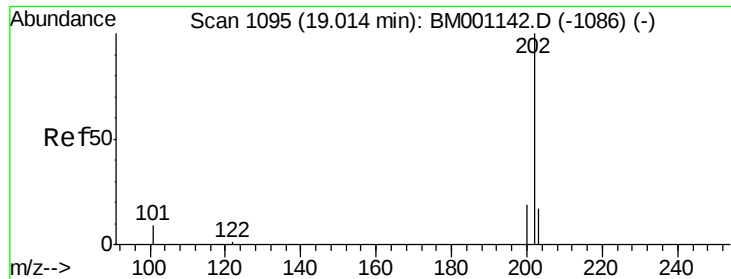


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->





#23

Fluoranthene

Concen: 10.60 ng

RT: 19.01 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

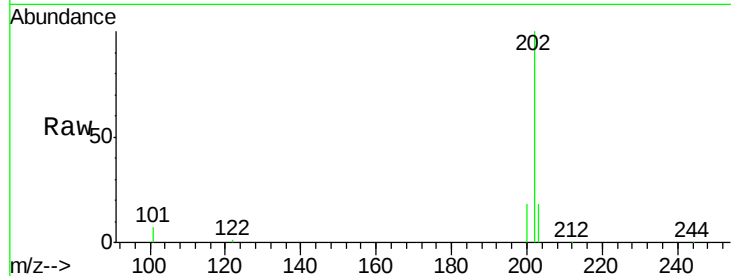
Tgt Ion:202 Resp: 219373

Ion Ratio Lower Upper

202 100

101 11.6 9.3 13.9

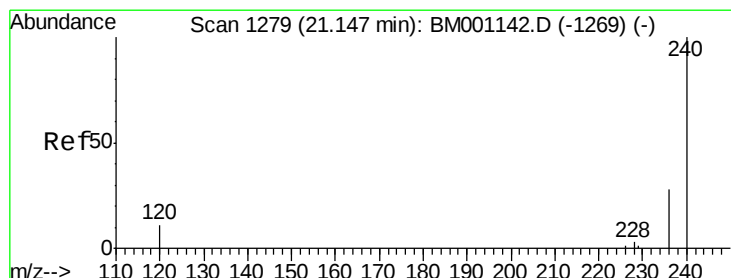
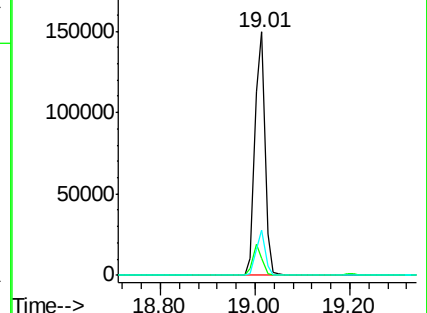
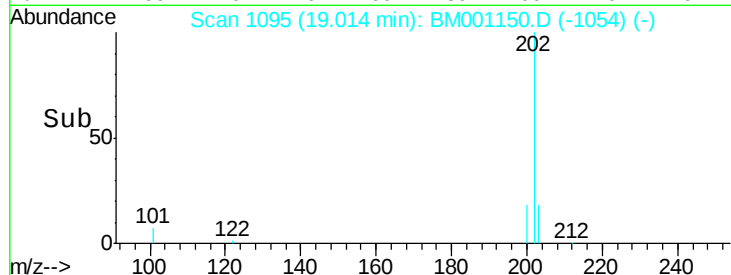
203 17.3 13.7 20.5



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

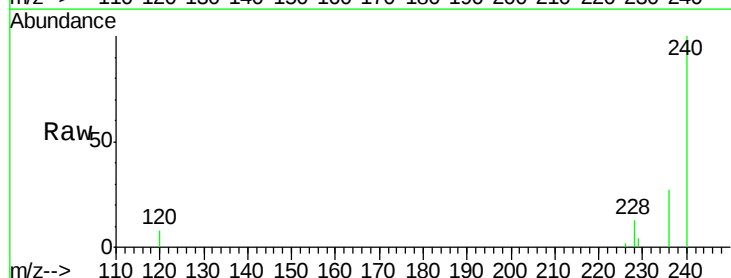
Tgt Ion:240 Resp: 62662

Ion Ratio Lower Upper

240 100

120 8.4 9.2 13.8#

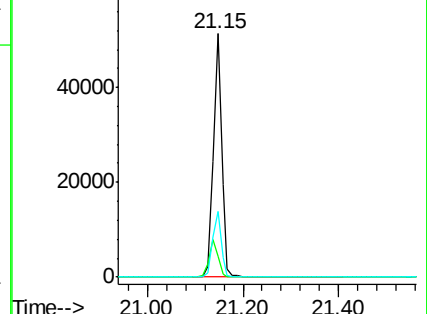
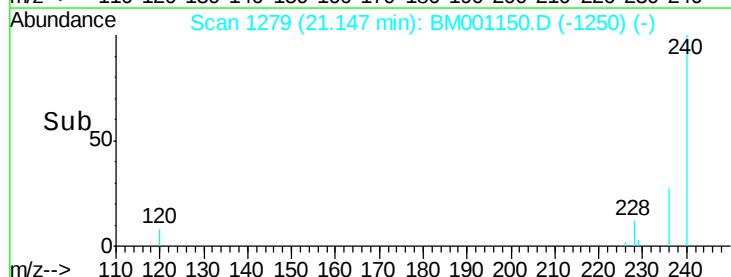
236 26.8 22.4 33.6

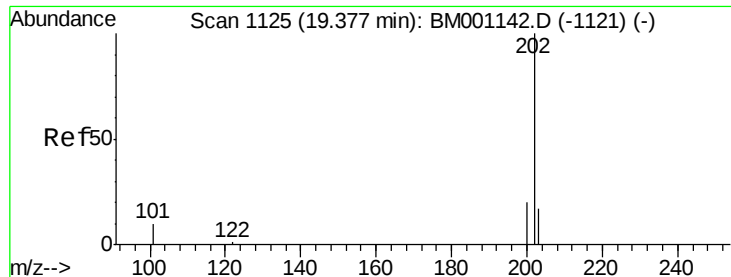


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 11.66 ng

RT: 19.38 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

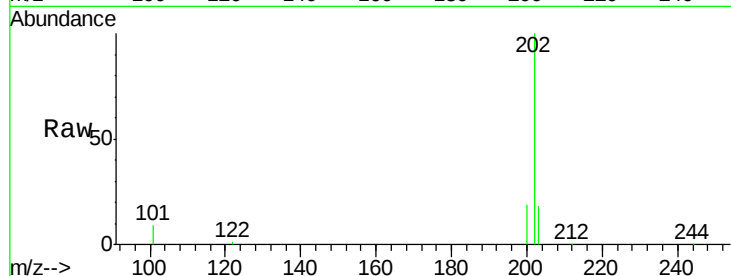
Tgt Ion:202 Resp: 228229

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

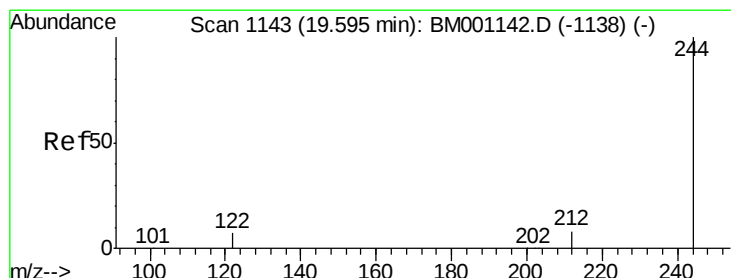
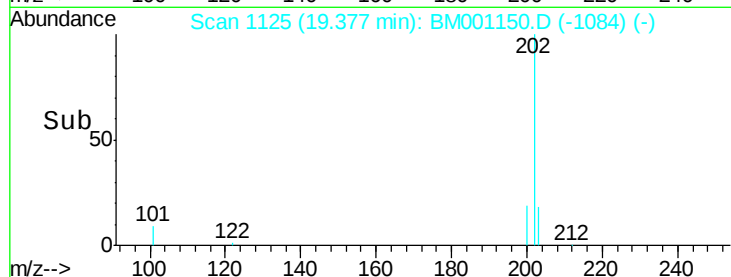
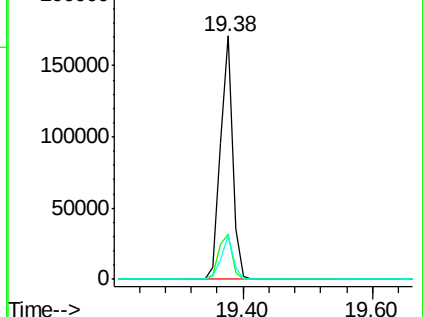
203 17.8 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Terphenyl-d14

Concen: 10.74 ng

RT: 19.59 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

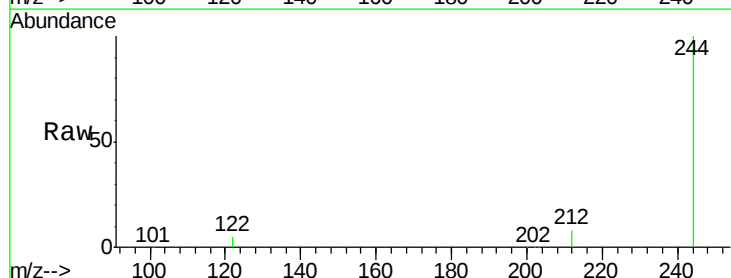
Tgt Ion:244 Resp: 92800

Ion Ratio Lower Upper

244 100

212 8.1 7.1 10.7

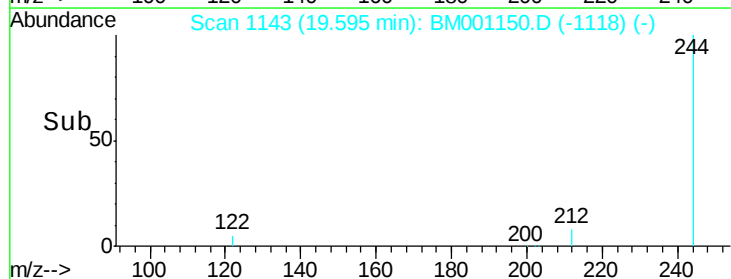
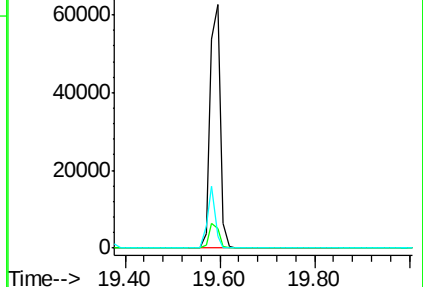
122 5.0 6.2 9.4#



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





#27

Benzo(a)anthracene

Concen: 10.69 ng

RT: 21.13 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

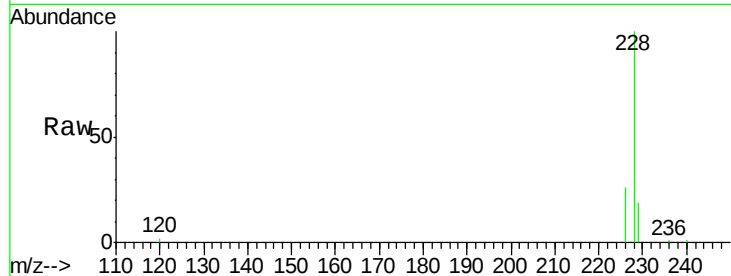
Tgt Ion:228 Resp: 188929

Ion Ratio Lower Upper

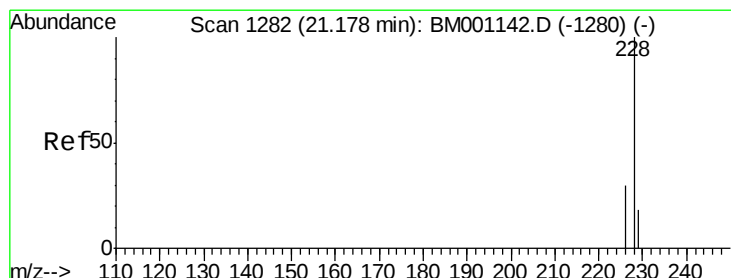
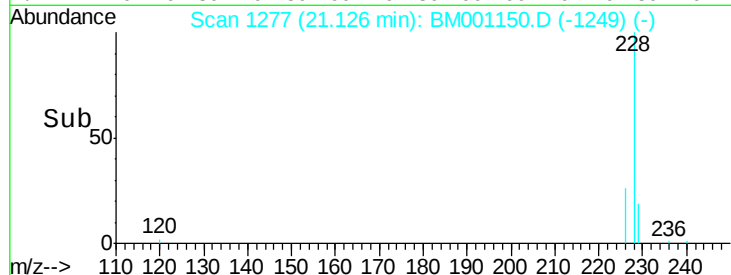
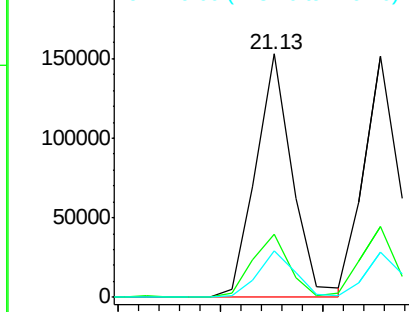
228 100

226 25.9 22.8 34.2

229 19.3 14.4 21.6



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



#28

Chrysene

Concen: 10.18 ng

RT: 21.18 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

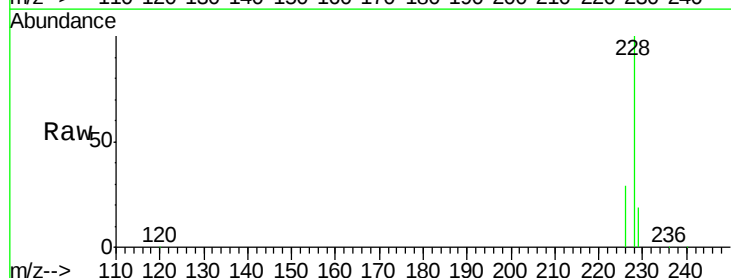
Tgt Ion:228 Resp: 176627

Ion Ratio Lower Upper

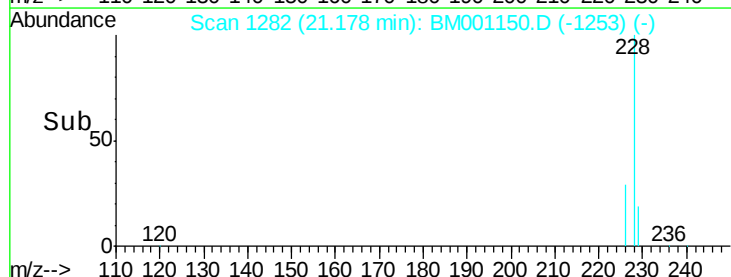
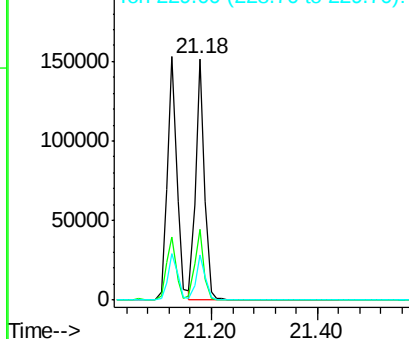
228 100

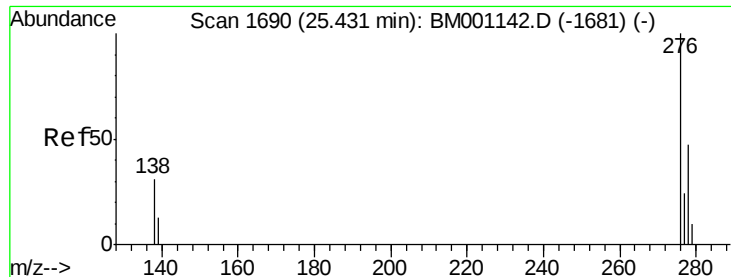
226 29.2 24.4 36.6

229 18.7 14.3 21.5



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





#29

Indeno(1,2,3-cd)pyrene

Concen: 8.60 ng

RT: 25.43 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

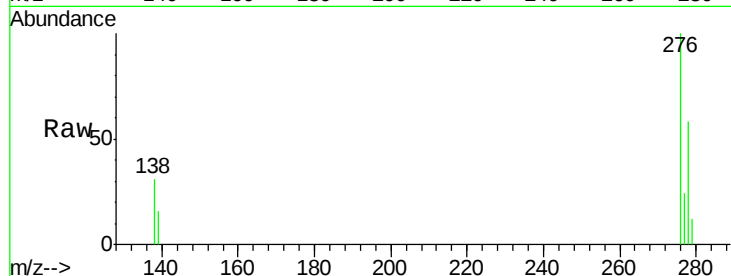
Tgt Ion: 276 Resp: 136001

Ion Ratio Lower Upper

276 100

138 31.3 24.2 36.4

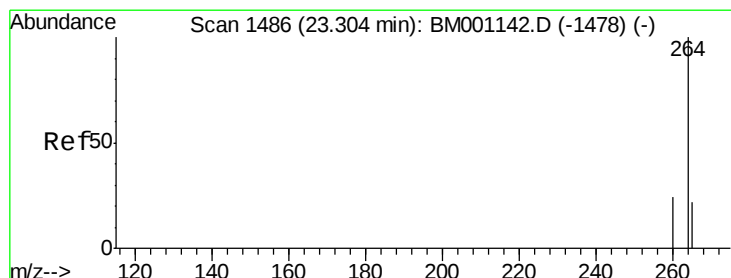
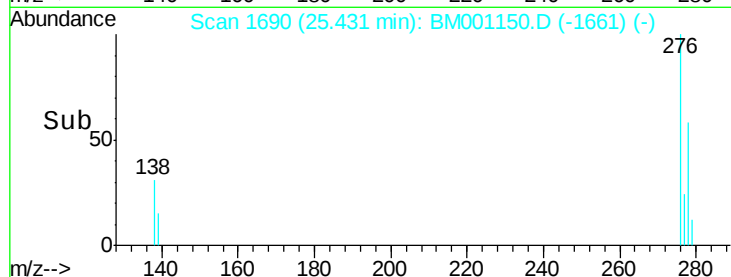
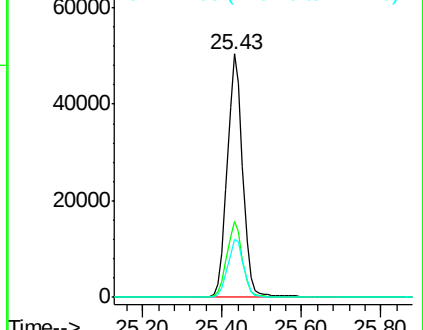
277 24.5 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

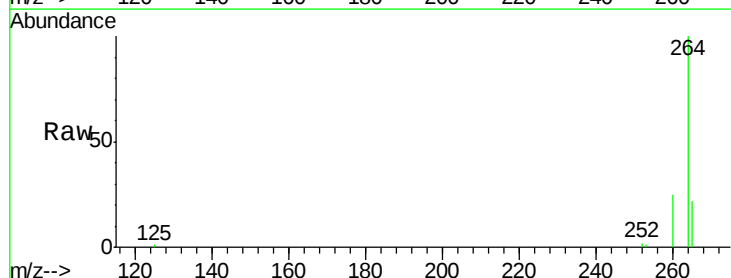
Tgt Ion: 264 Resp: 46266

Ion Ratio Lower Upper

264 100

260 25.3 18.9 28.3

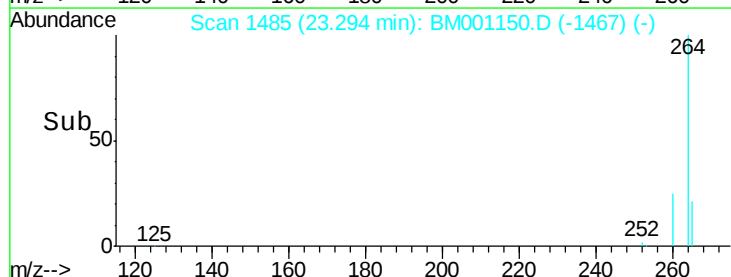
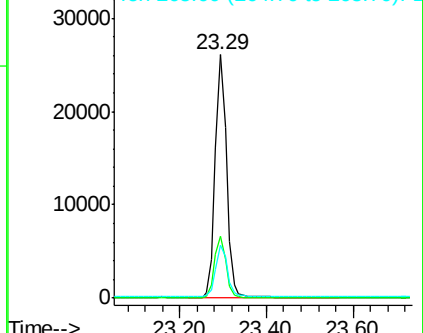
265 21.6 18.1 27.1

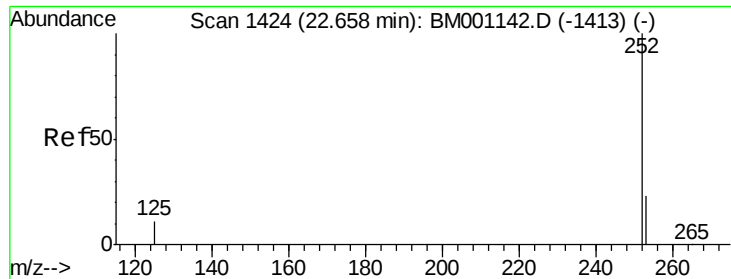


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 10.70 ng

RT: 22.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

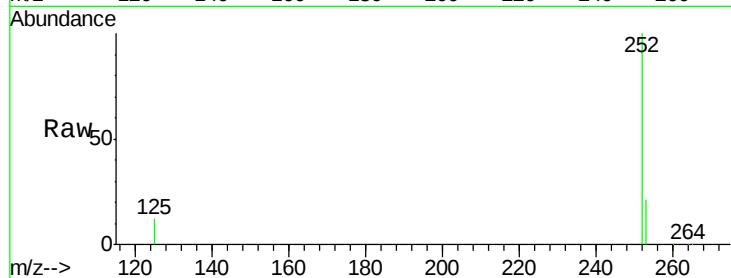
Tgt Ion:252 Resp: 152404

Ion Ratio Lower Upper

252 100

253 20.8 19.0 28.4

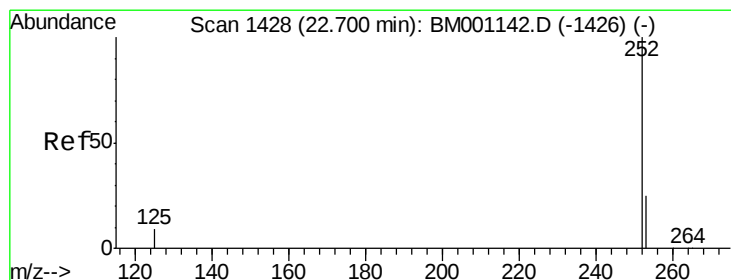
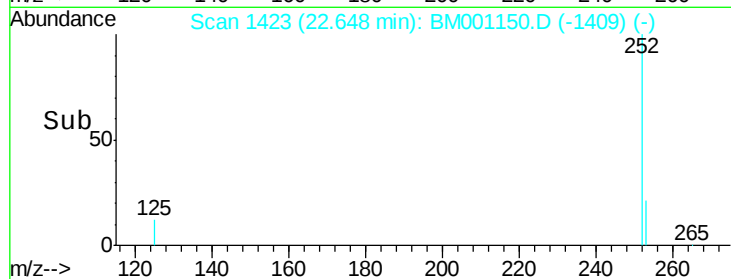
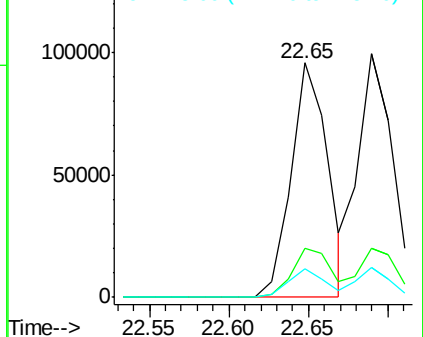
125 12.4 9.1 13.7



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



#32

Benzo(k)fluoranthene

Concen: 11.46 ng

RT: 22.69 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

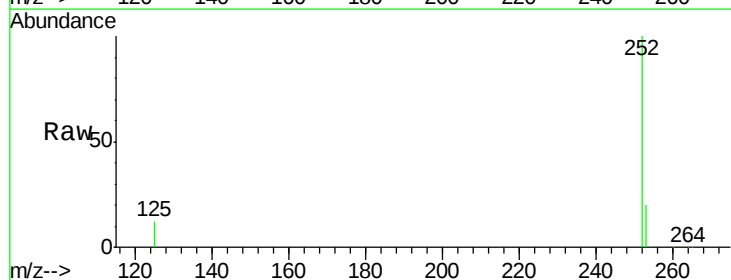
Tgt Ion:252 Resp: 152969

Ion Ratio Lower Upper

252 100

253 20.4 19.1 28.7

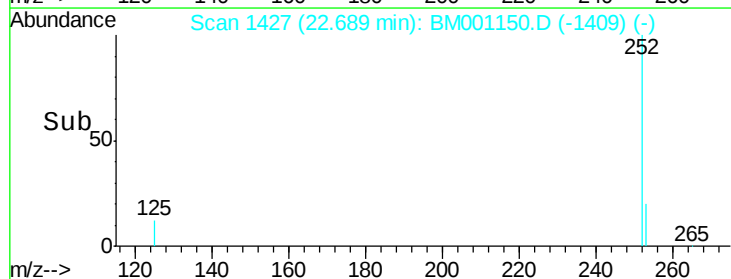
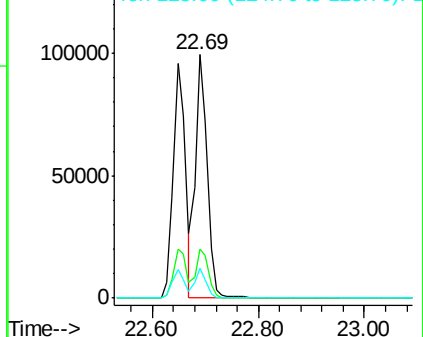
125 12.3 9.3 13.9

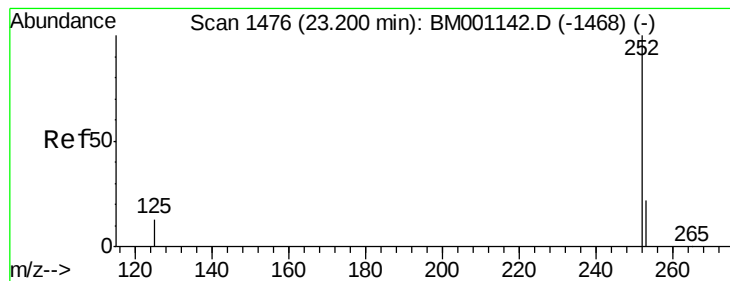


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(a)pyrene

Concen: 11.63 ng

RT: 23.20 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

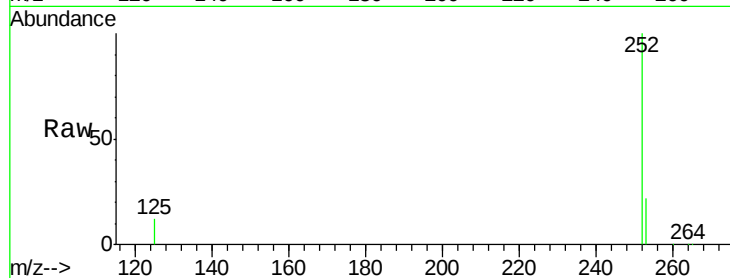
Tgt Ion: 252 Resp: 139757

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

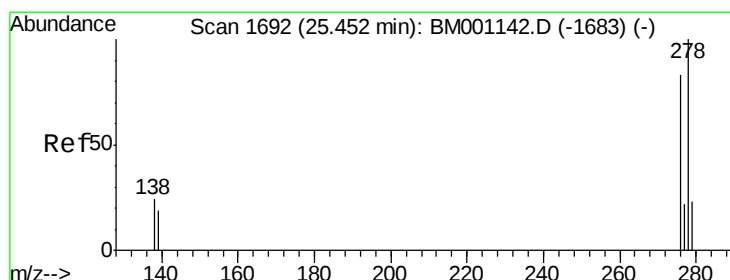
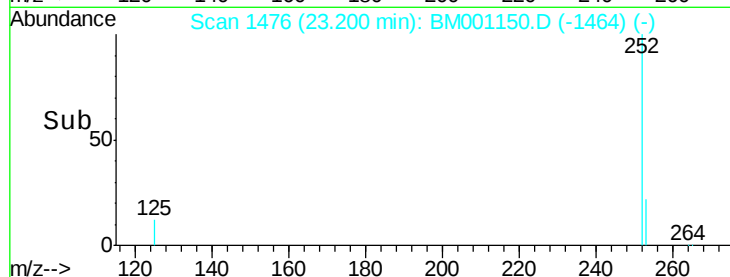
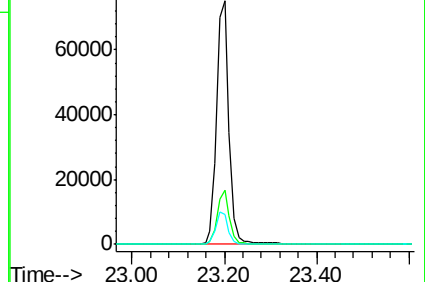
125 12.3 10.6 16.0



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



#34

Dibenzo(a,h)anthracene

Concen: 10.38 ng

RT: 25.44 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

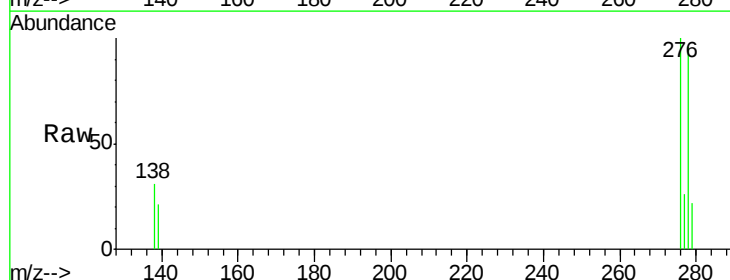
Tgt Ion: 278 Resp: 109403

Ion Ratio Lower Upper

278 100

139 21.4 15.5 23.3

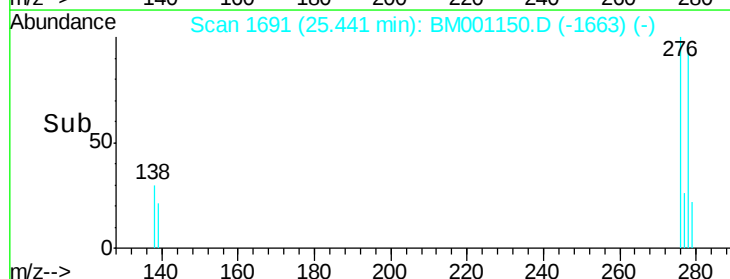
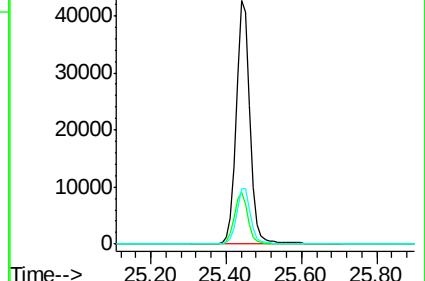
279 22.8 19.7 29.5



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





#35

Benzo(g,h,i)perylene

Concen: 10.03 ng

RT: 26.09 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BM001150.D

Acq: 02 May 2015 02:43

Instrument :

BNA_M

ClientSampleId :

PB83018BSD

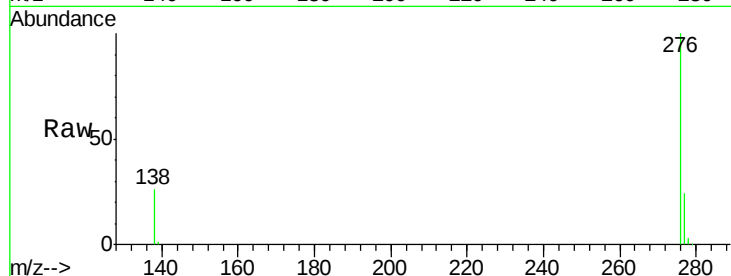
Tgt Ion: 276 Resp: 111531

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 25.6 21.3 31.9



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

