

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050115\
 Data File : BM001149.D
 Acq On : 02 May 2015 02:07
 Operator : TP/IZ
 Sample : PB83018BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83018BS

Quant Time: May 02 03:48:12 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	15405	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	62441	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	34408	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	81677	5.00	ng	0.00
24) Chrysene-d12	21.15	240	60557	5.00	ng	0.00
30) Perylene-d12	23.29	264	45544	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	42992	14.35	ng/uL	-0.01
5) Phenol-d6	6.71	99	58252	15.78	ng/uL	0.00
7) Nitrobenzene-d5	8.69	82	39642	11.21	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	25393	14.97	ng/uL	0.00
14) 2-Fluorobiphenyl	12.81	172	115431	10.14	ng	0.00
26) Terphenyl-d14	19.59	244	89014	10.66	ng	0.00

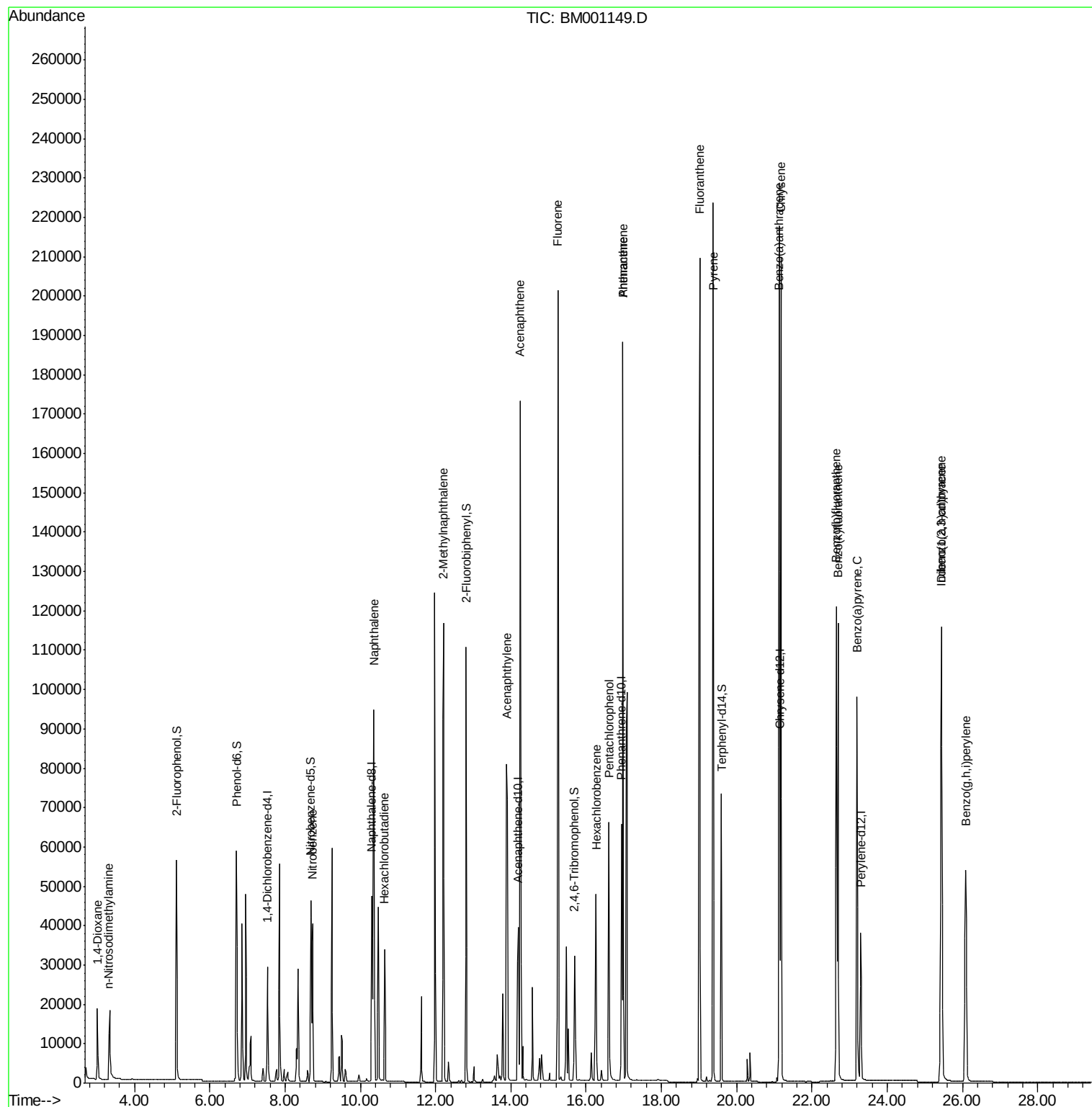
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	11651	9.23	ng	# 75
3) n-Nitrosodimethylamine	3.32	42	18341	9.73	ng	99
8) Nitrobenzene	8.73	77	43946	9.40	ng/uL	94
9) Naphthalene	10.36	128	126523	9.22	ng	99
10) Hexachlorobutadiene	10.65	225	23931	9.04	ng/uL	100
11) 2-Methylnaphthalene	12.21	142	81070	8.61	ng	93
15) Acenaphthylene	13.89	152	155003	10.31	ng	# 67
16) Acenaphthene	14.24	154	107229	10.32	ng	89
17) Fluorene	15.24	166	126481	10.49	ng	99
19) Hexachlorobenzene	16.26	284	43496	9.88	ng	# 98
20) Pentachlorophenol	16.61	266	46164	15.78	ng	94
21) Phenanthrene	16.98	178	199416	9.48	ng	100
22) Anthracene	16.98	178	199416	11.47	ng	98
23) Fluoranthene	19.01	202	207643	9.75	ng	99
25) Pyrene	19.38	202	216673	11.45	ng	99
27) Benzo(a)anthracene	21.13	228	172061	10.08	ng	97
28) Chrysene	21.18	228	165844	9.90	ng	97
29) Indeno(1,2,3-cd)pyrene	25.43	276	127731	8.36	ng	99
31) Benzo(b)fluoranthene	22.65	252	139744	9.96	ng	95
32) Benzo(k)fluoranthene	22.69	252	139763	10.64	ng	95
33) Benzo(a)pyrene	23.20	252	127990	10.82	ng	99
34) Dibenzo(a,h)anthracene	25.44	278	102404	9.87	ng	97
35) Benzo(g,h,i)perylene	26.09	276	105633	9.65	ng	98

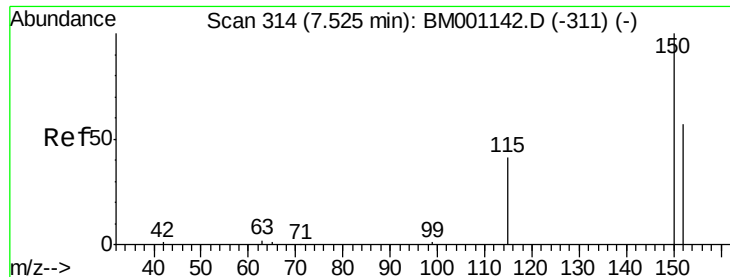
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS

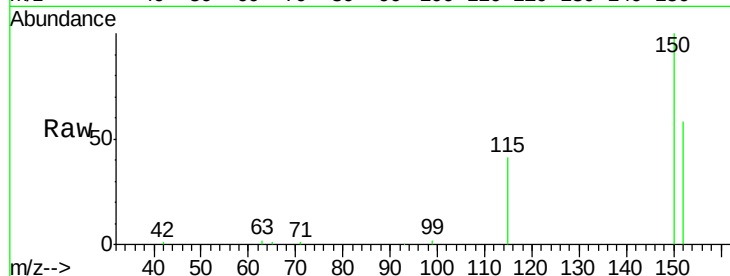
Tgt Ion: 152 Resp: 15405

Ion Ratio Lower Upper

152 100

150 173.2 140.1 210.1

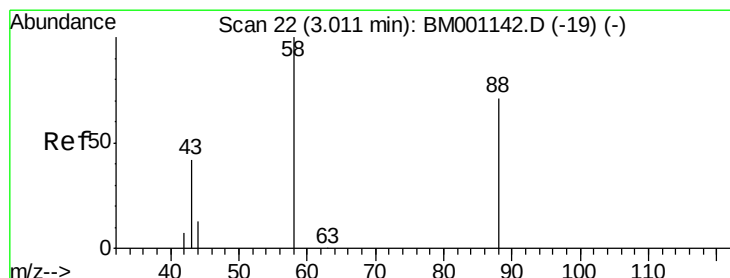
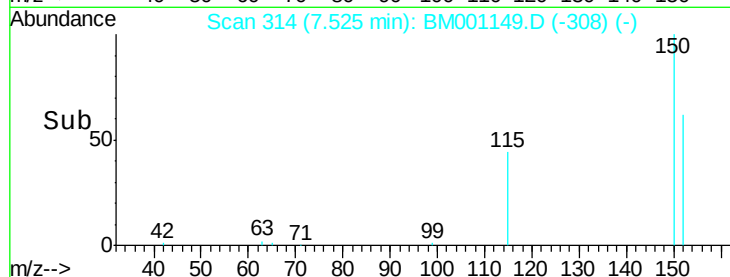
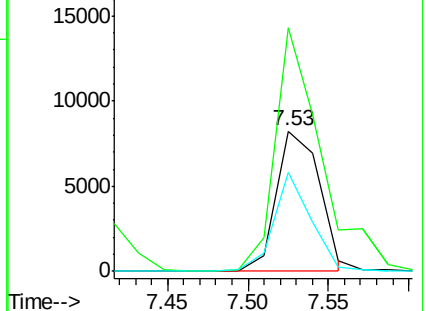
115 70.5 57.8 86.6



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: 9.23 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

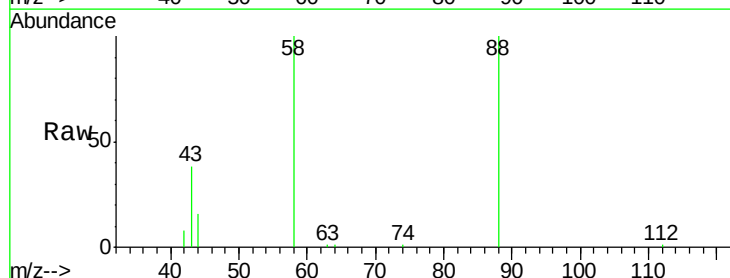
Tgt Ion: 88 Resp: 11651

Ion Ratio Lower Upper

88 100

58 84.3 48.2 72.2#

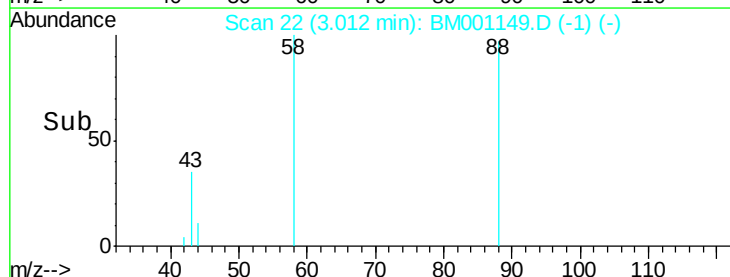
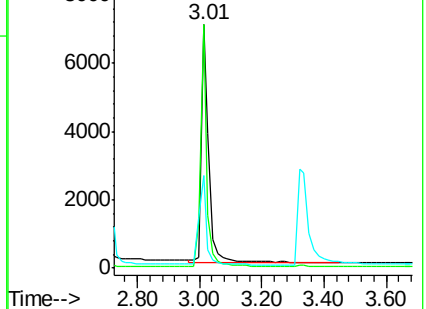
43 37.6 24.8 37.2#

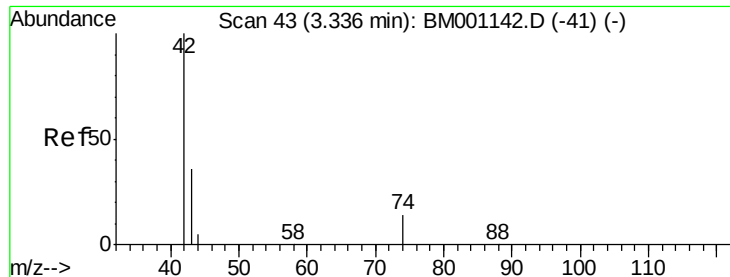


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 9.73 ng

RT: 3.32 min Scan# 42

Delta R.T. -0.02 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS

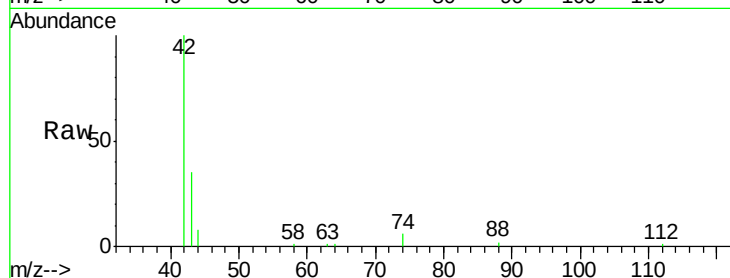
Tgt Ion: 42 Resp: 18341

Ion Ratio Lower Upper

42 100

74 89.3 72.0 108.0

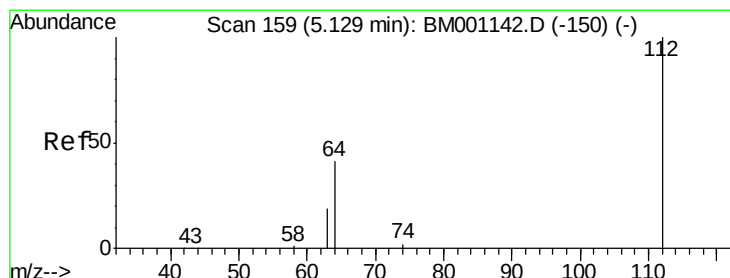
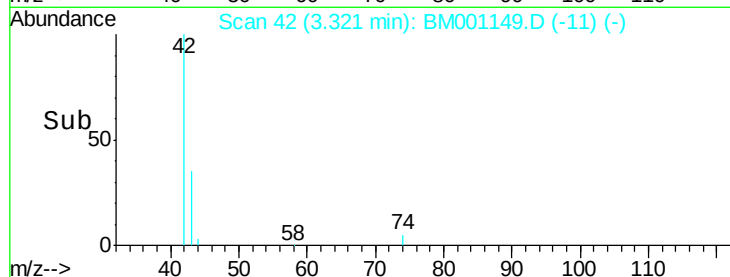
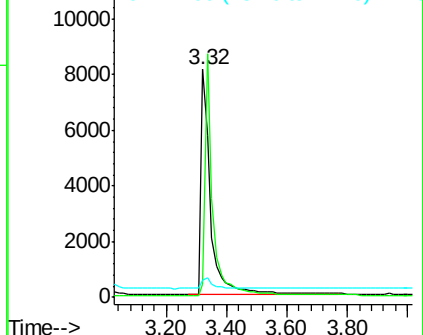
44 5.4 3.7 5.5



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: 14.35 ng/uL

RT: 5.11 min Scan# 158

Delta R.T. -0.01 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

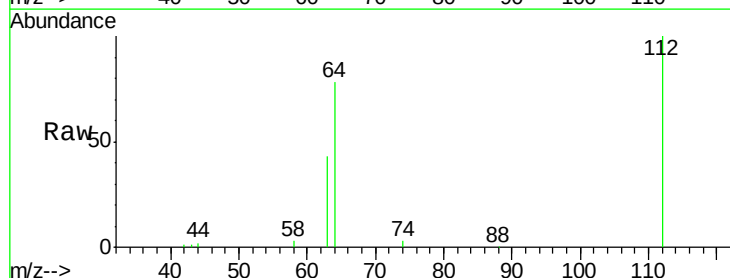
Tgt Ion: 112 Resp: 42992

Ion Ratio Lower Upper

112 100

64 65.2 52.6 79.0

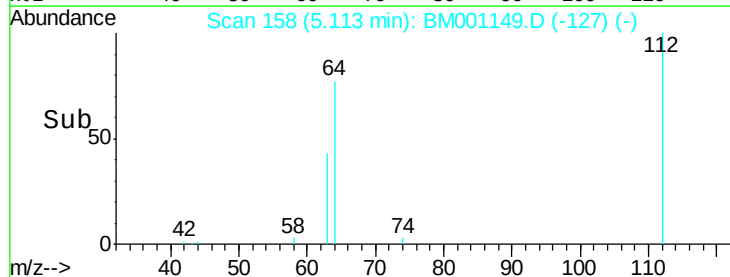
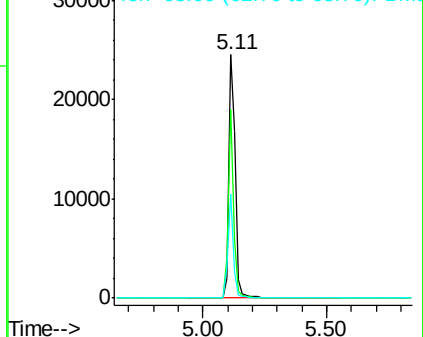
63 36.4 29.5 44.3

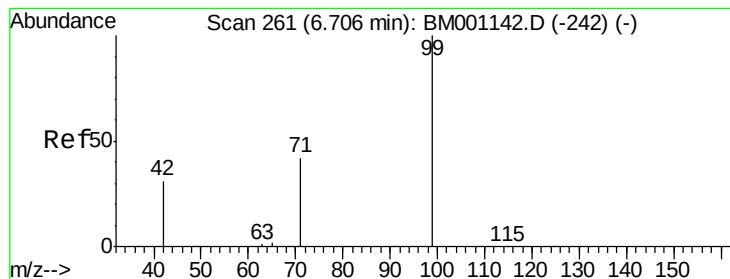


Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

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: 15.78 ng/uL

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

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PB83018BS

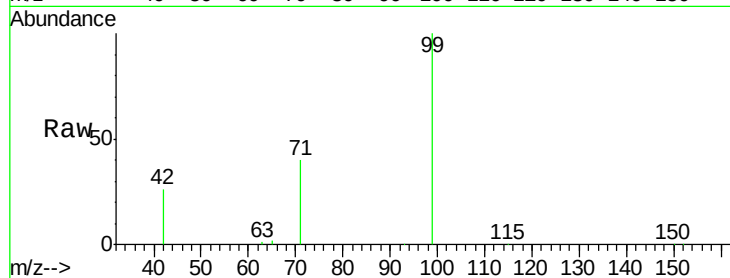
Tgt Ion: 99 Resp: 58252

Ion Ratio Lower Upper

99 100

42 26.0 20.9 31.3

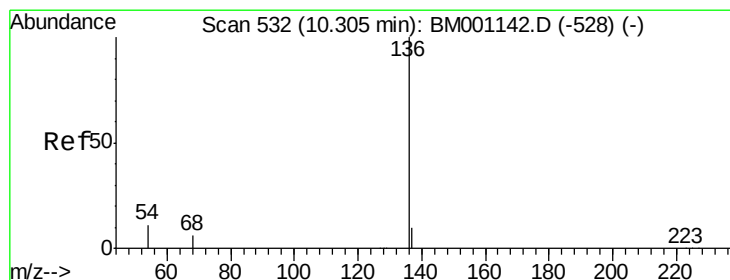
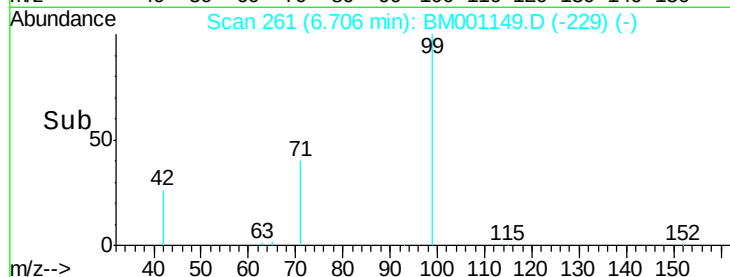
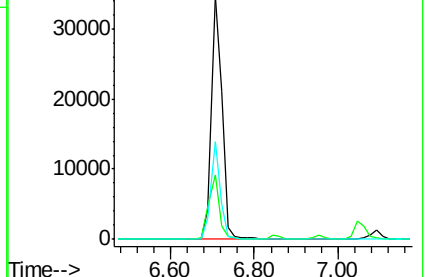
71 36.0 28.5 42.7



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: BM001149.D

Acq: 02 May 2015 02:07

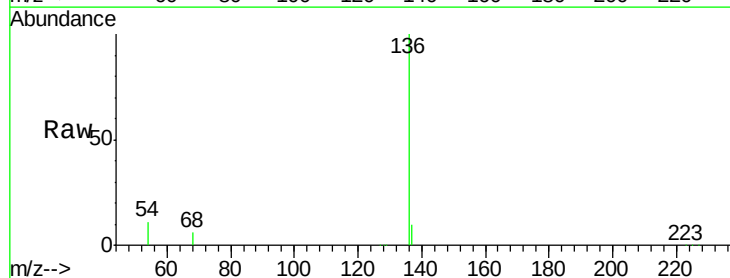
Tgt Ion: 136 Resp: 62441

Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

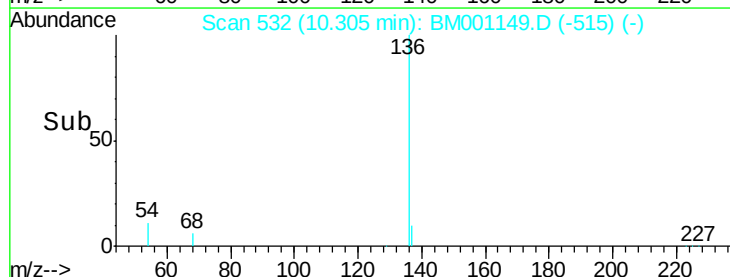
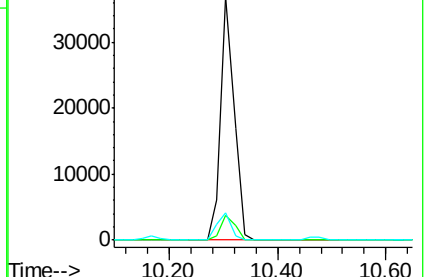
54 11.0 9.0 13.4

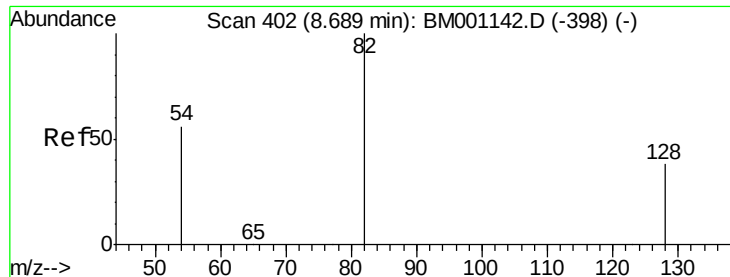


Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

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: 11.21 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS

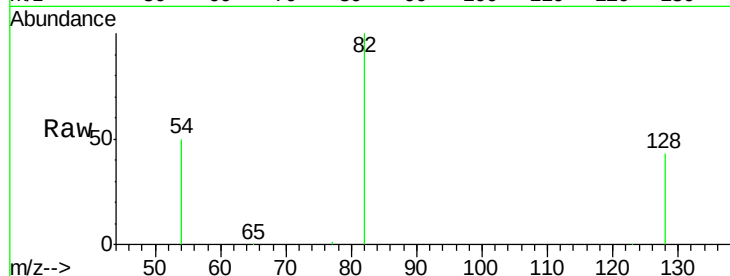
Tgt Ion: 82 Resp: 39642

Ion Ratio Lower Upper

82 100

128 43.3 31.9 47.9

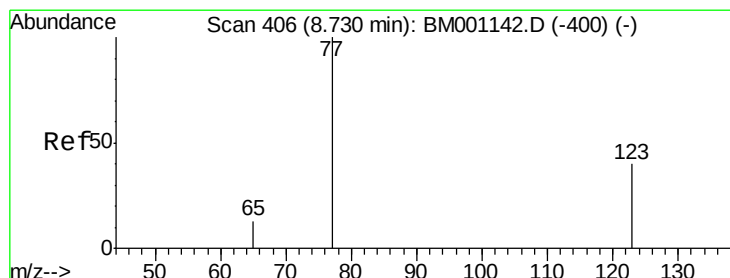
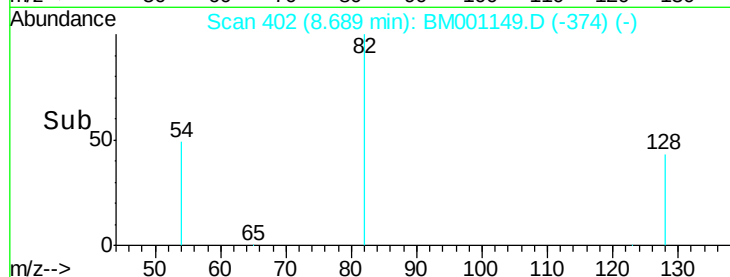
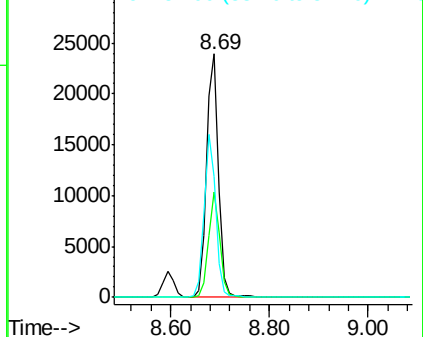
54 49.5 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BM001149.D (-374) (-)

Ion 128.00 (127.70 to 128.70): BM001149.D (-374) (-)

Ion 54.00 (53.70 to 54.70): BM001149.D (-374) (-)



#8

Nitrobenzene

Concen: 9.40 ng/uL

RT: 8.73 min Scan# 406

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

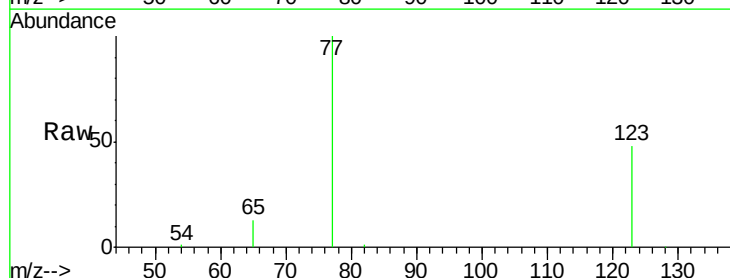
Tgt Ion: 77 Resp: 43946

Ion Ratio Lower Upper

77 100

123 43.1 31.0 46.6

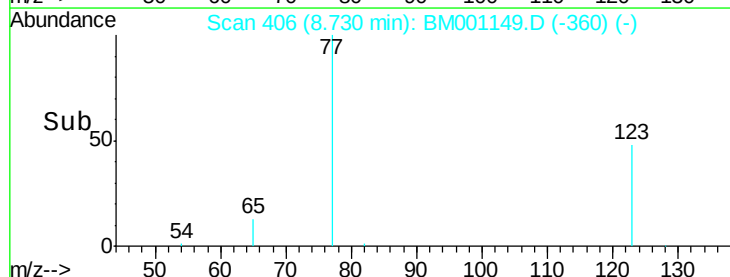
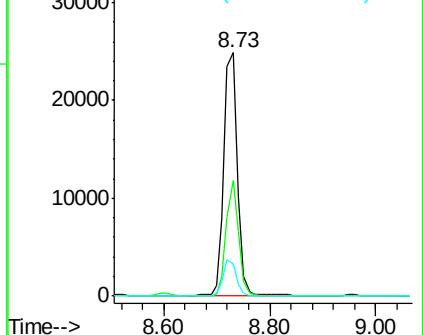
65 14.4 10.6 15.8

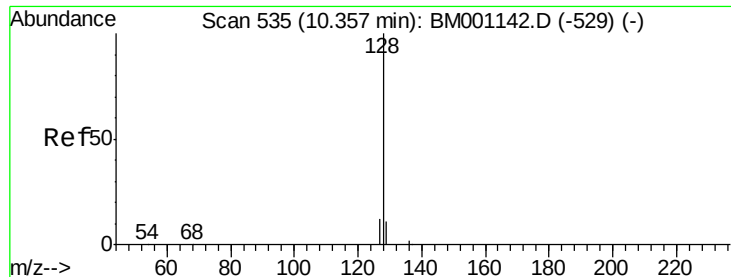


Abundance Ion 77.00 (76.70 to 77.70): BM001149.D (-360) (-)

Ion 123.00 (122.70 to 123.70): BM001149.D (-360) (-)

Ion 65.00 (64.70 to 65.70): BM001149.D (-360) (-)





#9

Naphthalene

Concen: 9.22 ng

RT: 10.36 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

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PB83018BS

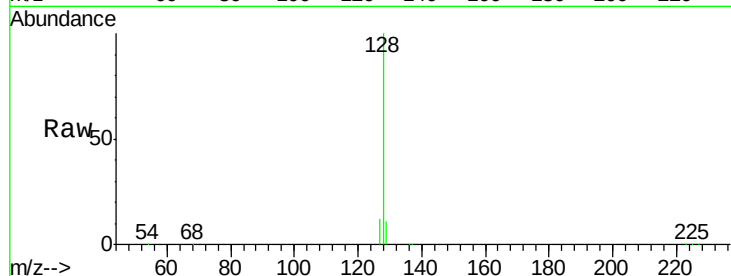
Tgt Ion:128 Resp: 126523

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

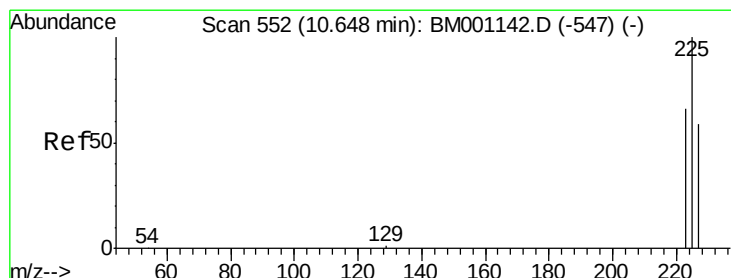
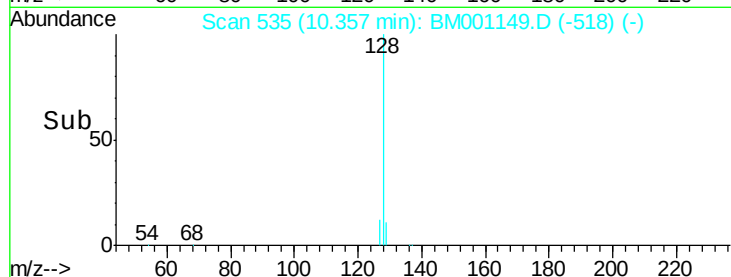
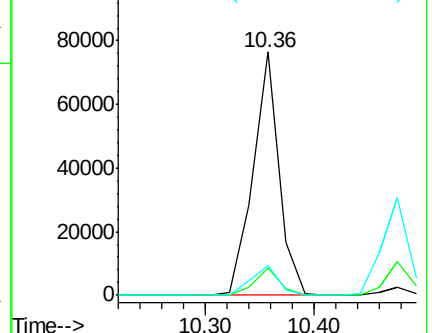
127 12.3 10.0 15.0



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: 9.04 ng/uL

RT: 10.65 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

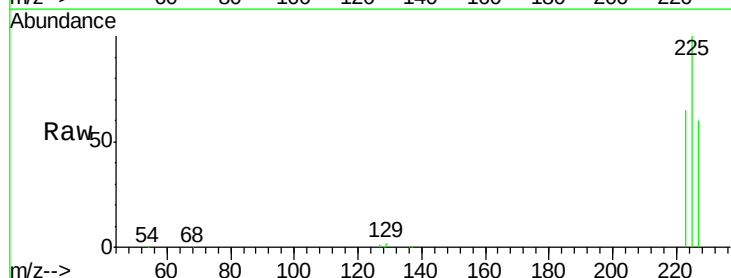
Tgt Ion:225 Resp: 23931

Ion Ratio Lower Upper

225 100

223 62.9 50.8 76.2

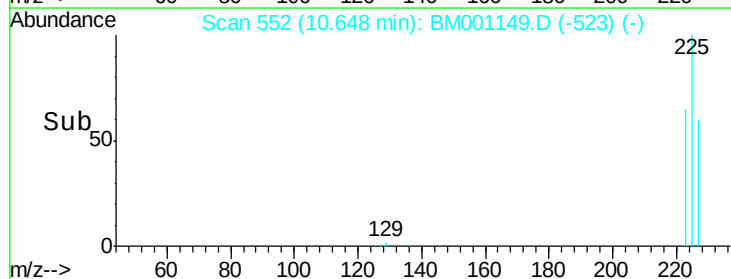
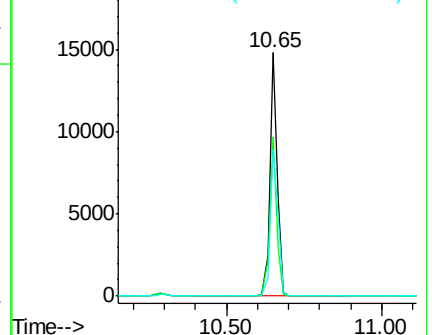
227 63.7 51.0 76.4

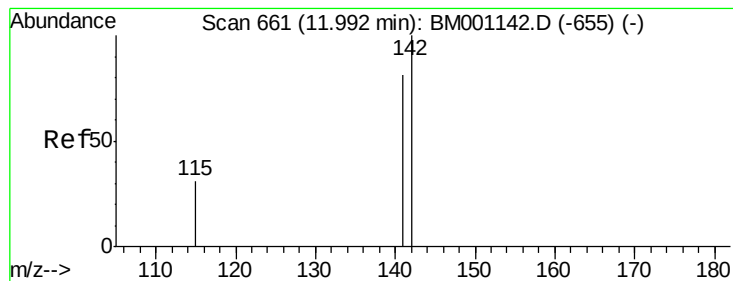


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 8.61 ng

RT: 12.21 min Scan# 682

Delta R.T. 0.22 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

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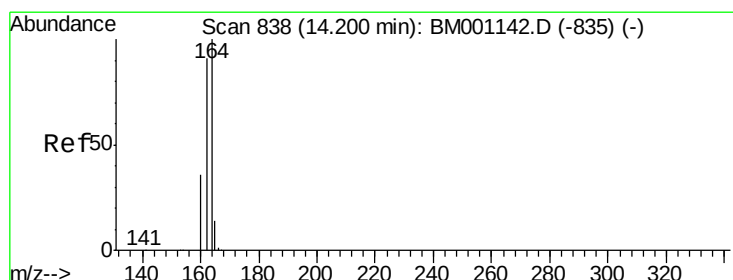
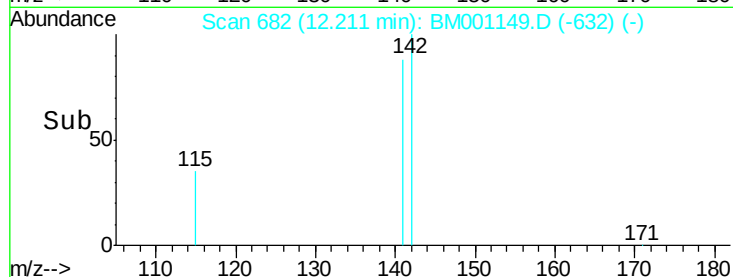
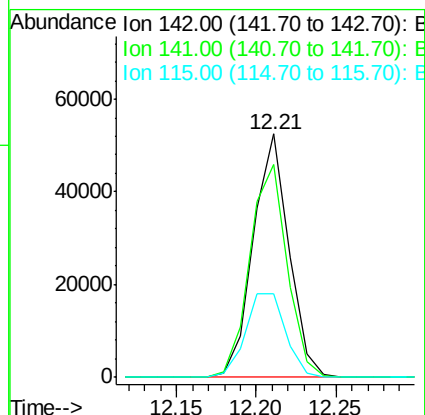
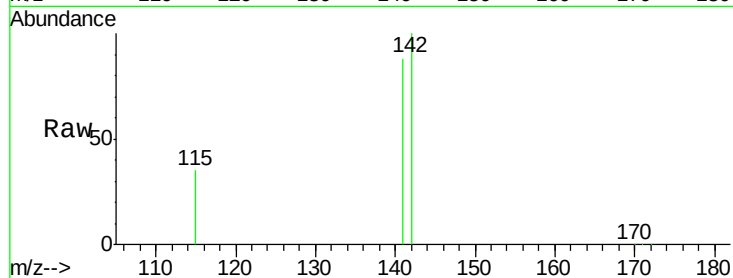
Tgt Ion:142 Resp: 81070

Ion Ratio Lower Upper

142 100

141 87.7 65.1 97.7

115 34.6 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: BM001149.D

Acq: 02 May 2015 02:07

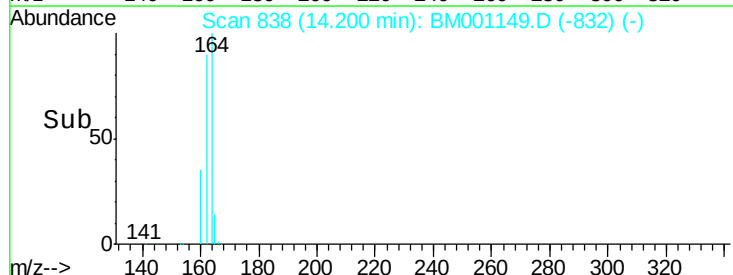
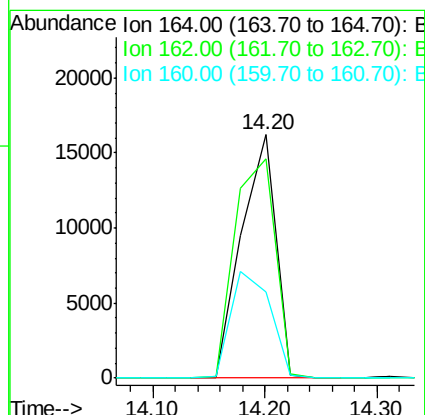
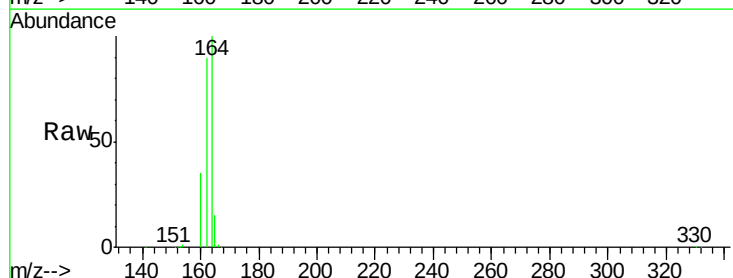
Tgt Ion:164 Resp: 34408

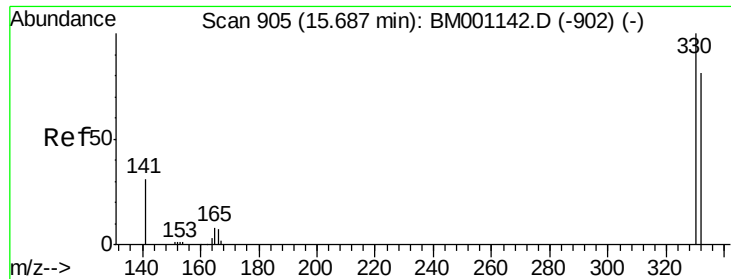
Ion Ratio Lower Upper

164 100

162 90.0 72.7 109.1

160 35.1 28.7 43.1

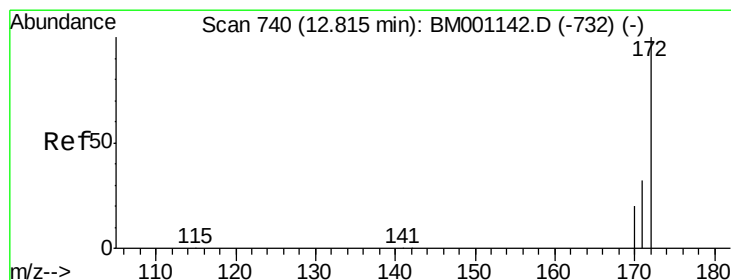
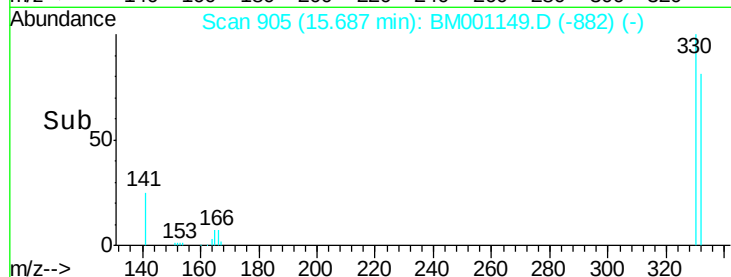
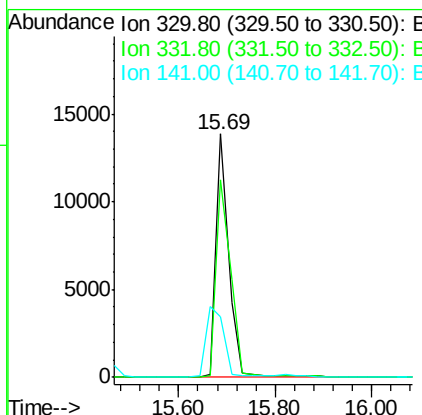
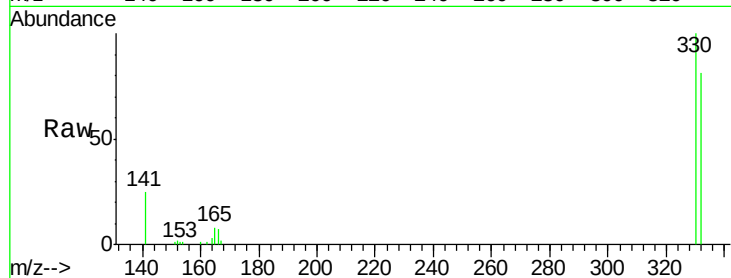




#13
 2,4,6-Tribromophenol
 Concen: 14.97 ng/uL
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001149.D
 Acq: 02 May 2015 02:07

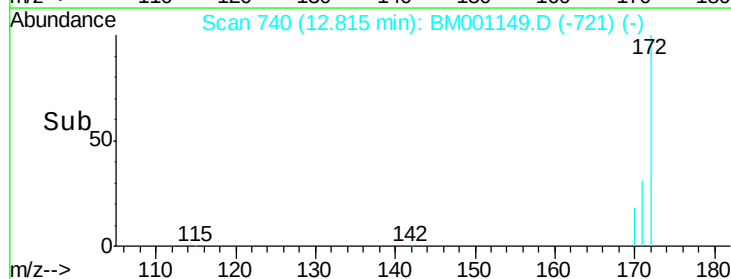
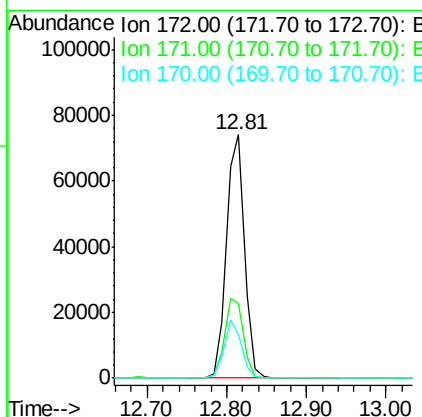
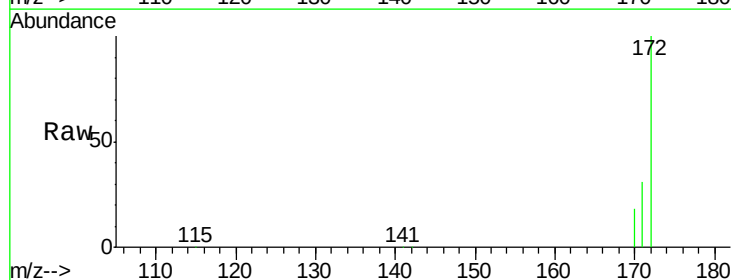
Instrument :
 BNA_M
 ClientSampleId :
 PB83018BS

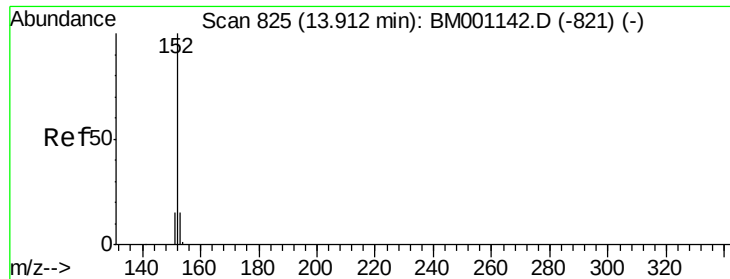
Tgt Ion:330 Resp: 25393
 Ion Ratio Lower Upper
 330 100
 332 92.9 74.5 111.7
 141 0.0 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 10.14 ng
 RT: 12.81 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BM001149.D
 Acq: 02 May 2015 02:07

Tgt Ion:172 Resp: 115431
 Ion Ratio Lower Upper
 172 100
 171 30.9 25.8 38.6
 170 18.2 16.1 24.1





#15

Acenaphthylene

Concen: 10.31 ng

RT: 13.89 min Scan# 824

Delta R.T. -0.02 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS

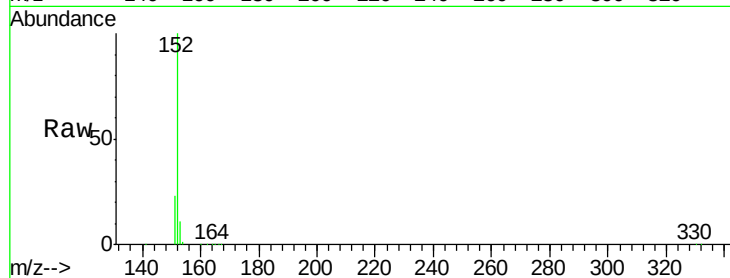
Tgt Ion:152 Resp: 155003

Ion Ratio Lower Upper

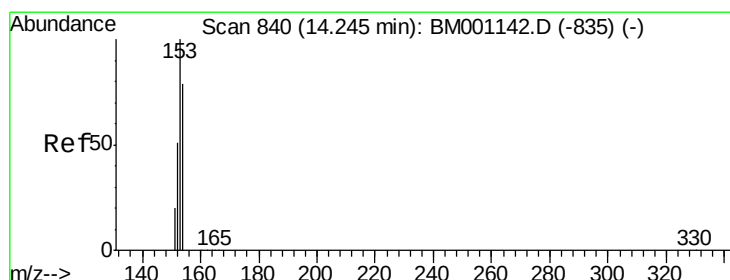
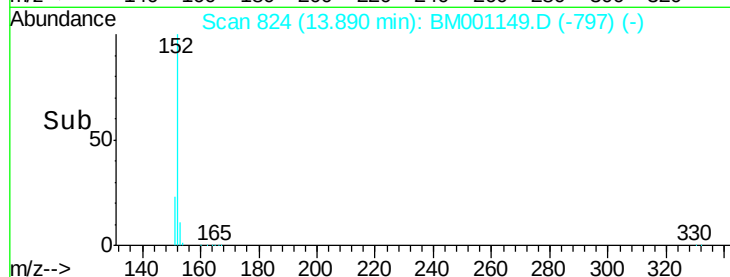
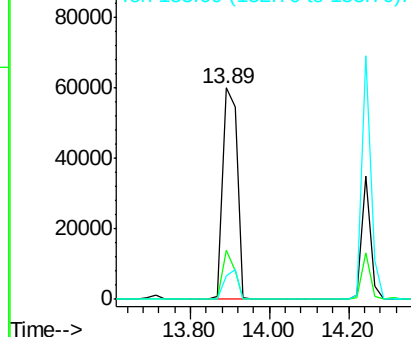
152 100

151 19.2 0.0 0.0#

153 0.0 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 10.32 ng

RT: 14.24 min Scan# 840

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

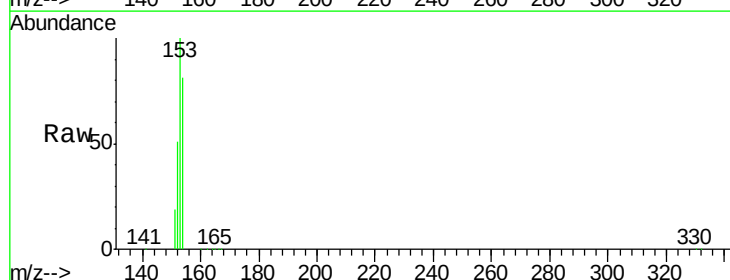
Tgt Ion:154 Resp: 107229

Ion Ratio Lower Upper

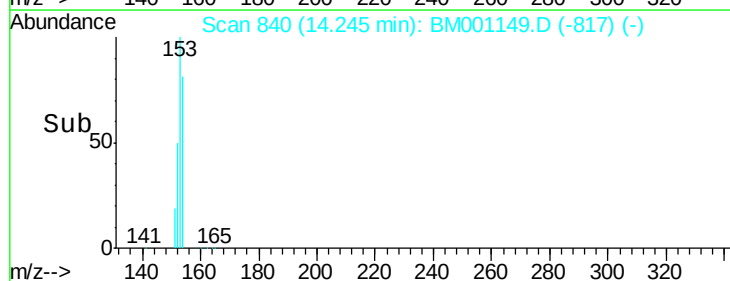
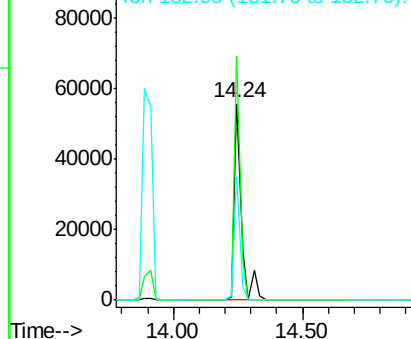
154 100

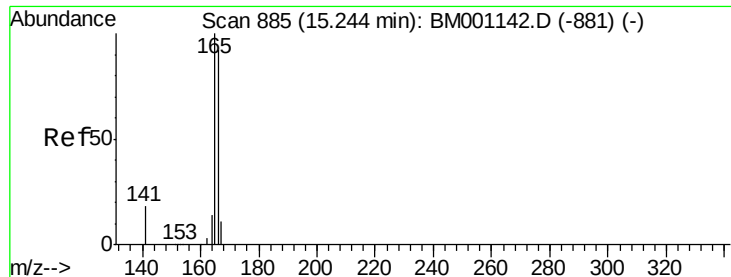
153 101.2 90.6 136.0

152 49.6 45.0 67.4



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

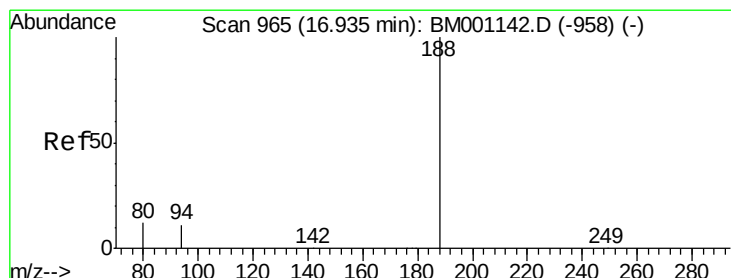
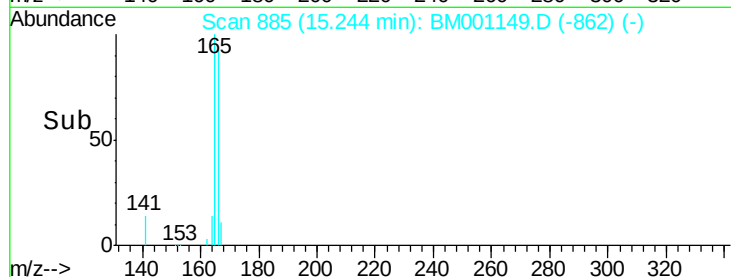
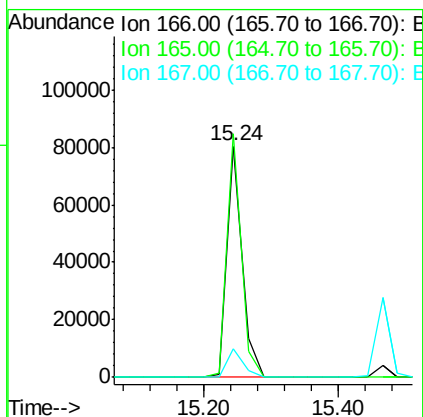
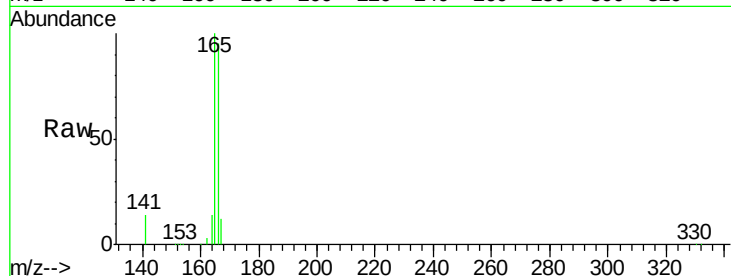




#17
Fluorene
 Concen: 10.49 ng
 RT: 15.24 min Scan# 885
 Delta R.T. 0.00 min
 Lab File: BM001149.D
 Acq: 02 May 2015 02:07

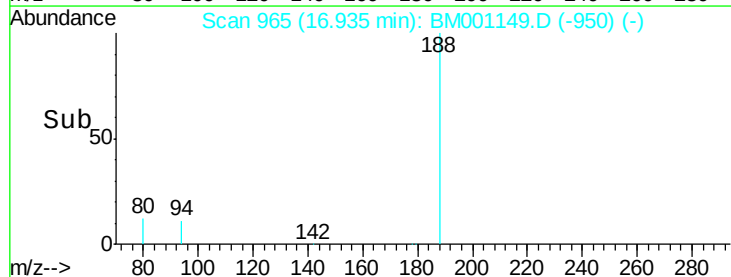
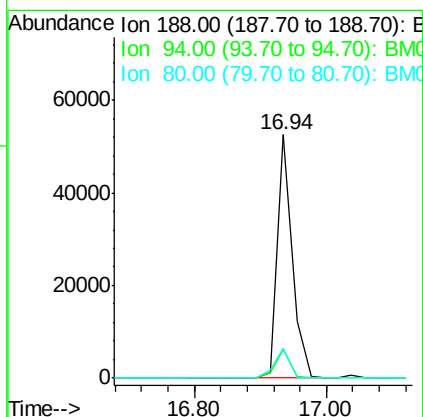
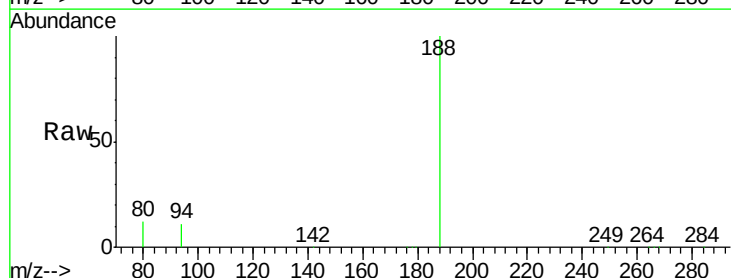
Instrument :
 BNA_M
 ClientSampleId :
 PB83018BS

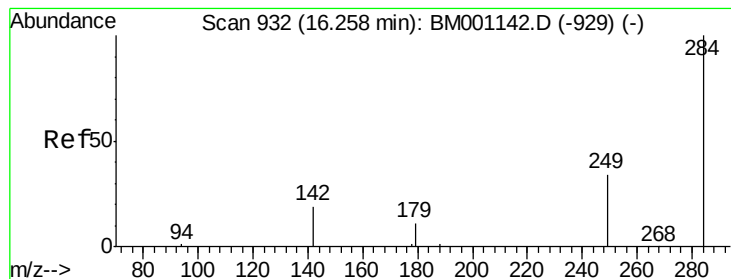
Tgt Ion:166 Resp: 126481
 Ion Ratio Lower Upper
 166 100
 165 100.7 81.0 121.6
 167 12.9 10.4 15.6



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: BM001149.D
 Acq: 02 May 2015 02:07

Tgt Ion:188 Resp: 81677
 Ion Ratio Lower Upper
 188 100
 94 11.5 9.3 13.9
 80 12.1 9.8 14.6

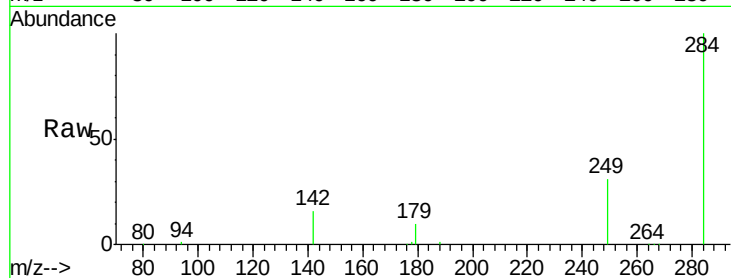




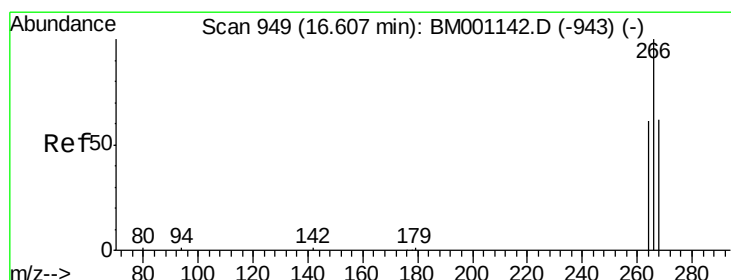
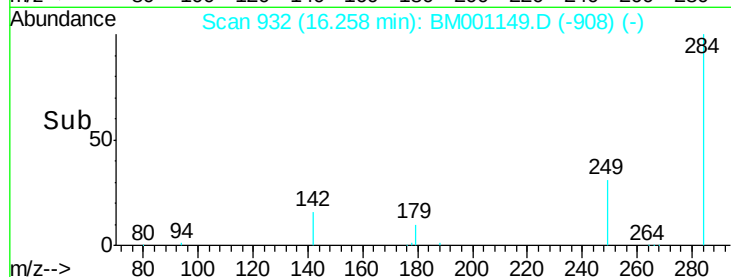
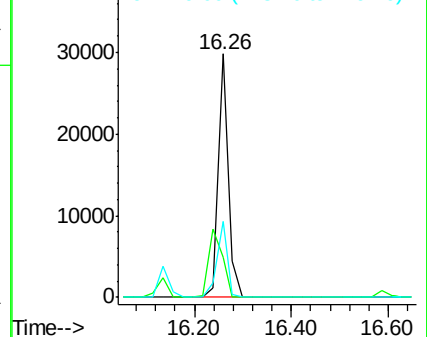
#19
Hexachlorobenzene
Concen: 9.88 ng
RT: 16.26 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM001149.D
Acq: 02 May 2015 02:07

Instrument :
BNA_M
ClientSampleId :
PB83018BS

Tgt Ion: 284 Resp: 43496
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 32.1 26.5 39.7

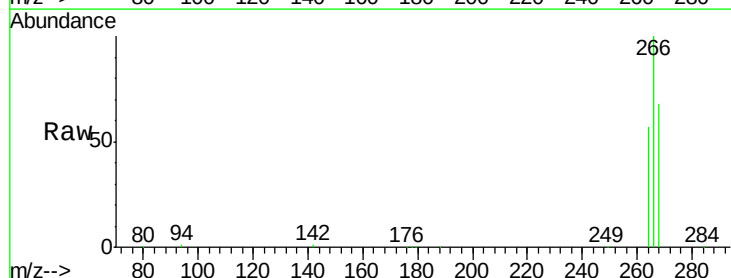


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

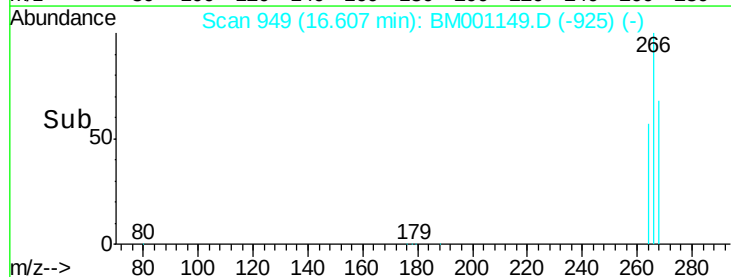
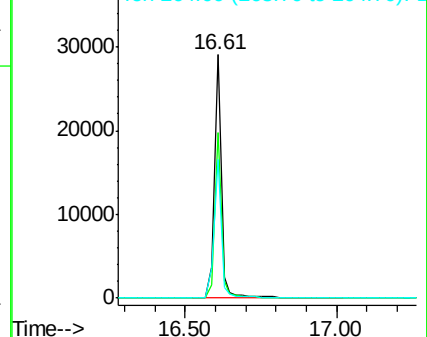


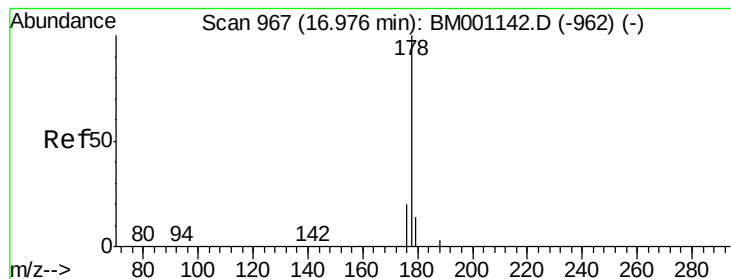
#20
Pentachlorophenol
Concen: 15.78 ng
RT: 16.61 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001149.D
Acq: 02 May 2015 02:07

Tgt Ion: 266 Resp: 46164
Ion Ratio Lower Upper
266 100
268 67.8 52.6 79.0
264 56.8 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: 9.48 ng

RT: 16.98 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS

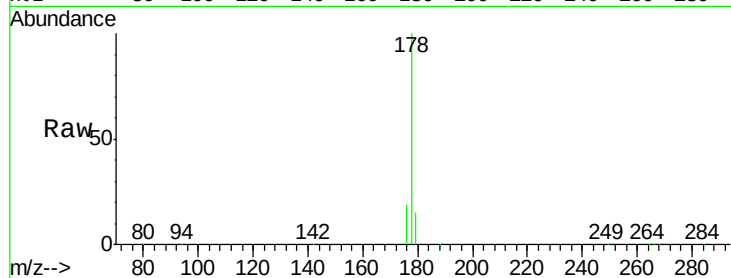
Tgt Ion:178 Resp: 199416

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

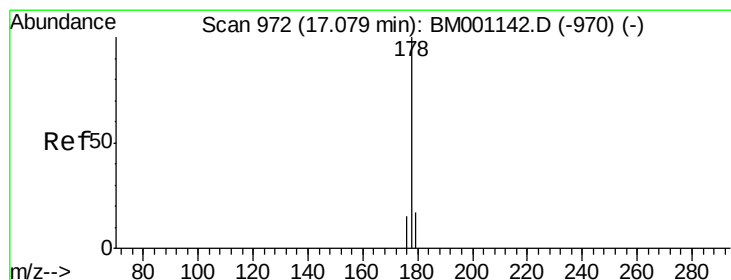
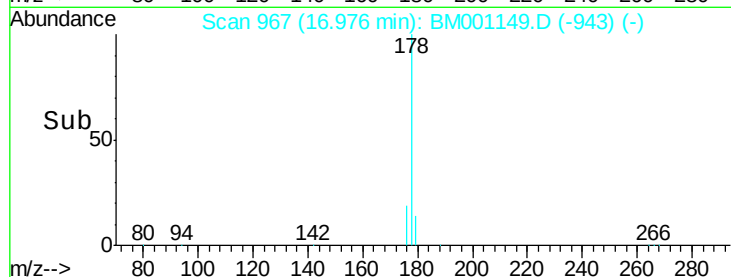
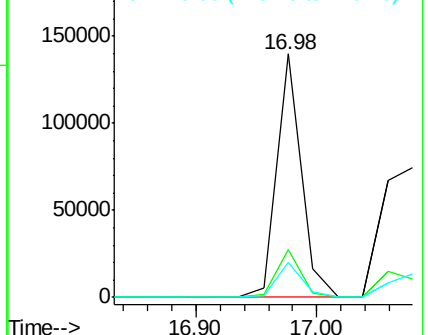
179 15.0 12.0 18.0



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



#22

Anthracene

Concen: 11.47 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.10 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

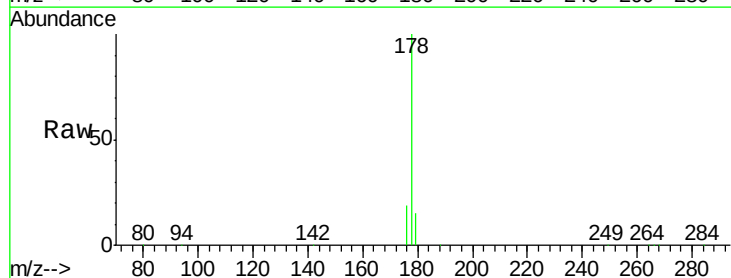
Tgt Ion:178 Resp: 199416

Ion Ratio Lower Upper

178 100

176 19.1 14.3 21.5

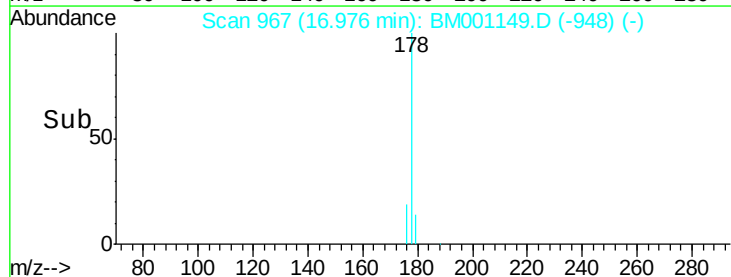
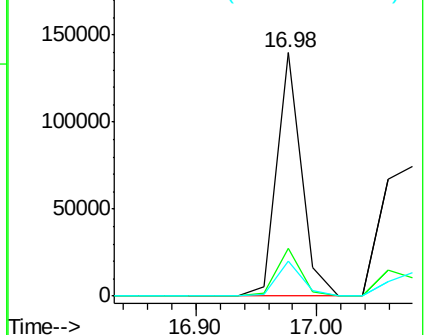
179 15.0 12.2 18.2

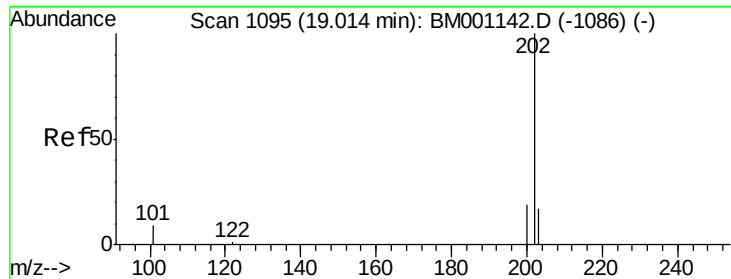


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 9.75 ng

RT: 19.01 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS

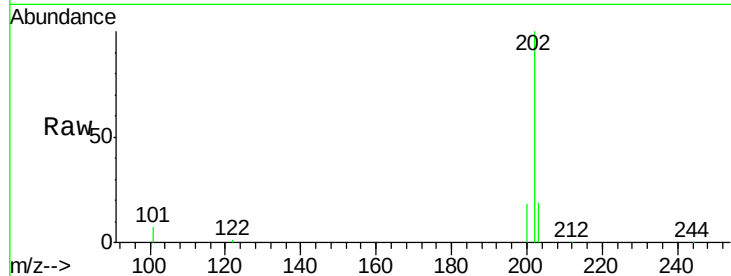
Tgt Ion:202 Resp: 207643

Ion Ratio Lower Upper

202 100

101 11.5 9.3 13.9

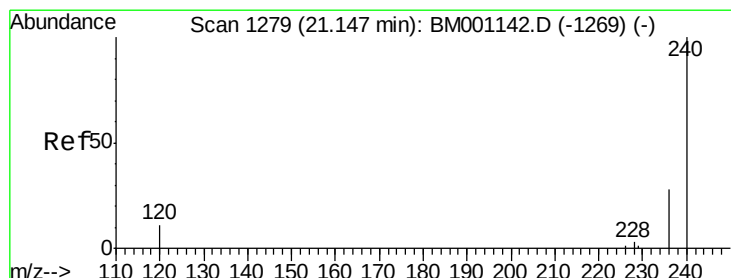
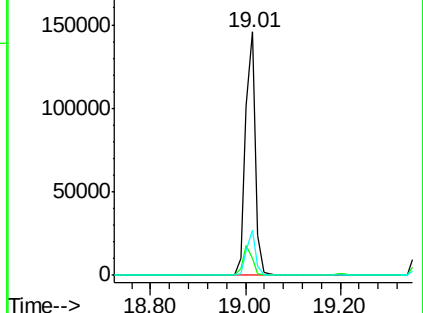
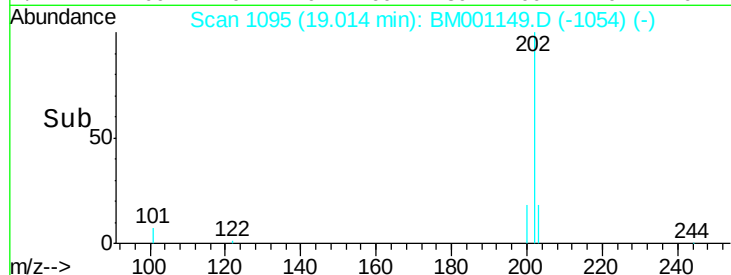
203 17.4 13.7 20.5



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: BM001149.D

Acq: 02 May 2015 02:07

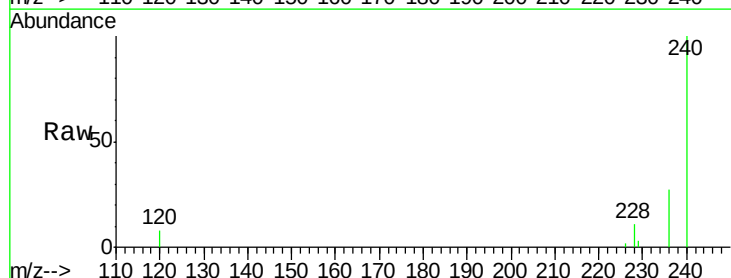
Tgt Ion:240 Resp: 60557

Ion Ratio Lower Upper

240 100

120 7.6 9.2 13.8#

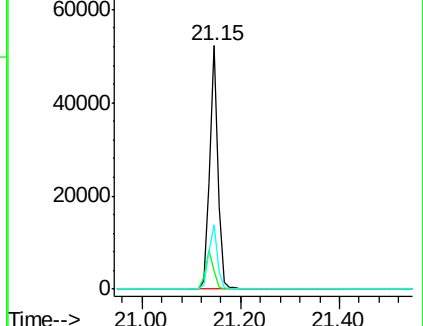
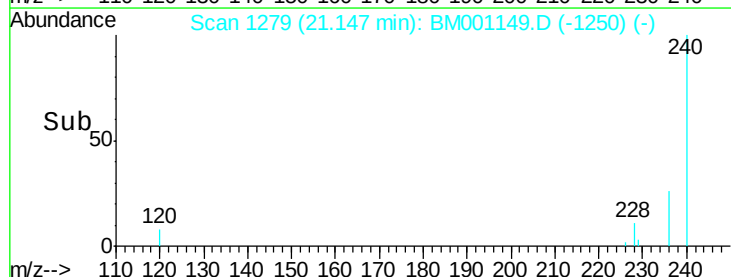
236 26.6 22.4 33.6

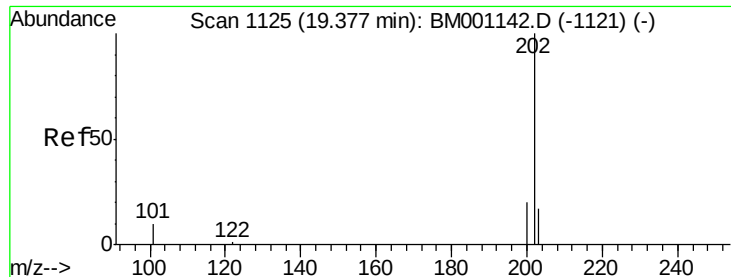


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

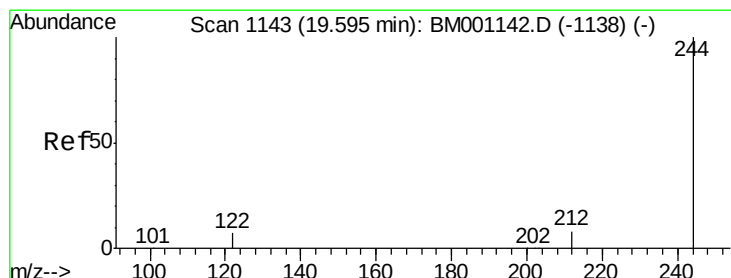
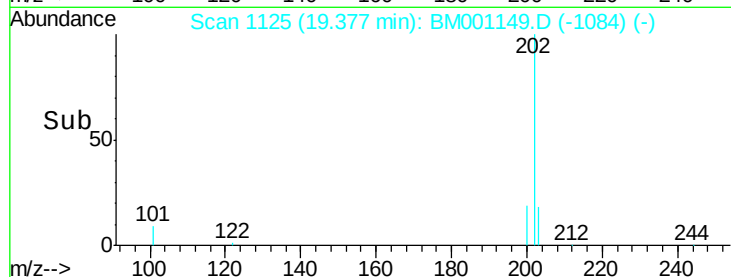
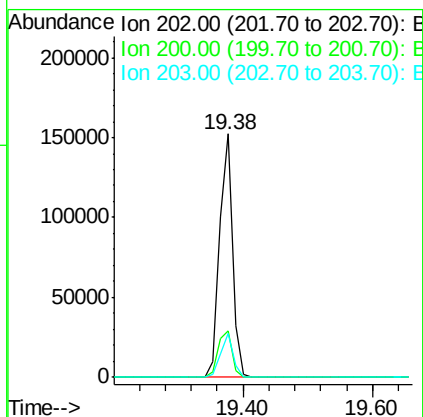
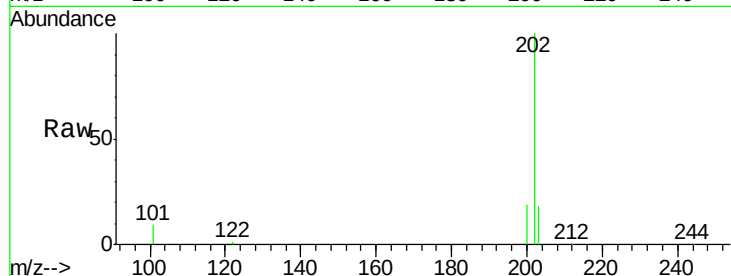




#25
 Pyrene
 Concen: 11.45 ng
 RT: 19.38 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BM001149.D
 Acq: 02 May 2015 02:07

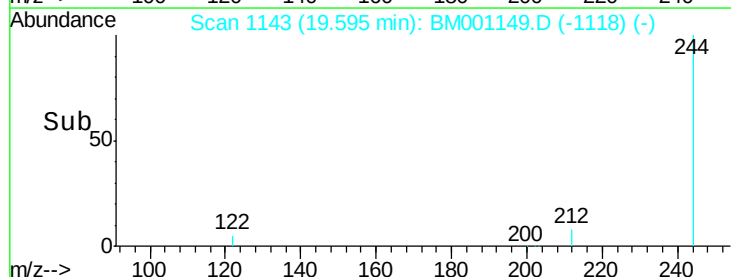
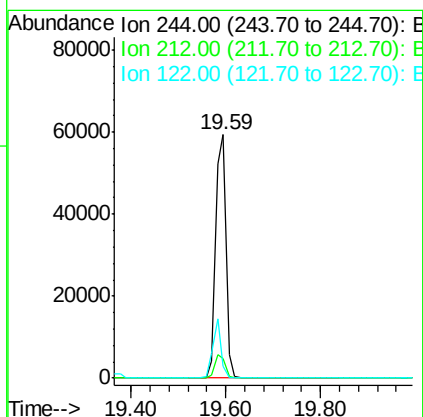
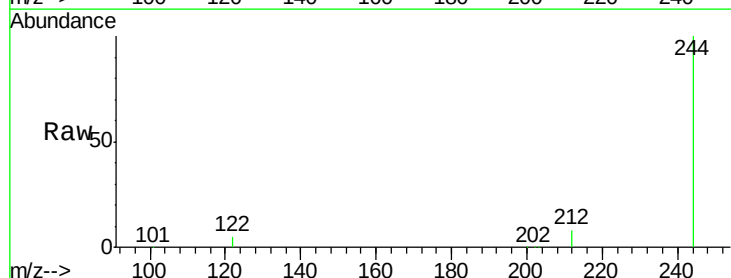
Instrument :
 BNA_M
 ClientSampleId :
 PB83018BS

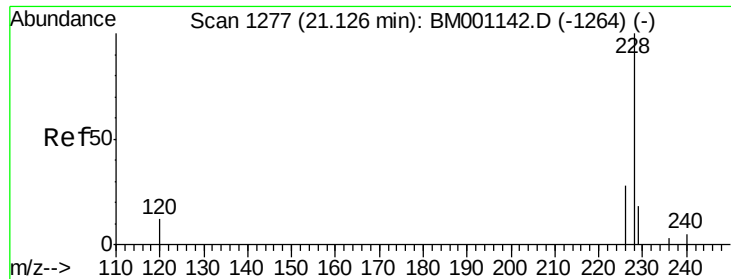
Tgt Ion: 202 Resp: 216673
 Ion Ratio Lower Upper
 202 100
 200 20.6 16.4 24.6
 203 17.8 13.8 20.6



#26
 Terphenyl-d14
 Concen: 10.66 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BM001149.D
 Acq: 02 May 2015 02:07

Tgt Ion: 244 Resp: 89014
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.1 10.7
 122 5.0 6.2 9.4#





#27

Benzo(a)anthracene

Concen: 10.08 ng

RT: 21.13 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS

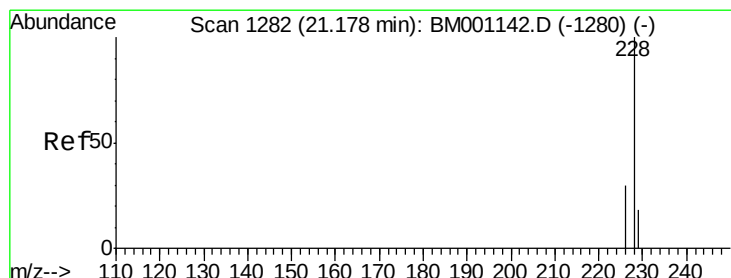
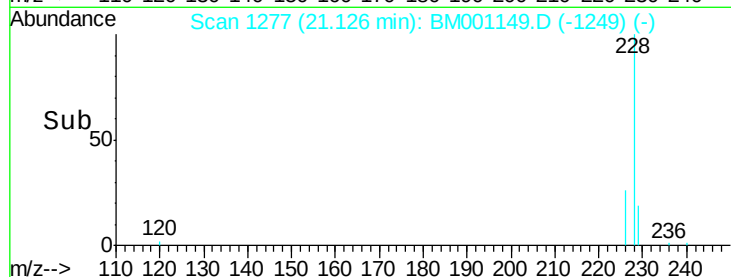
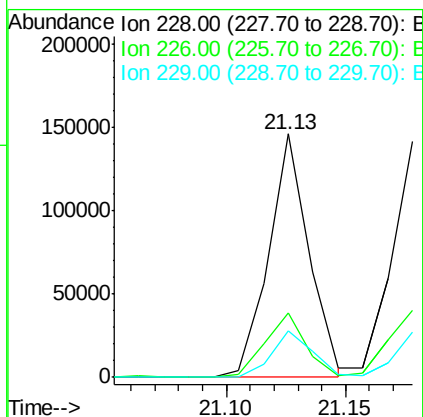
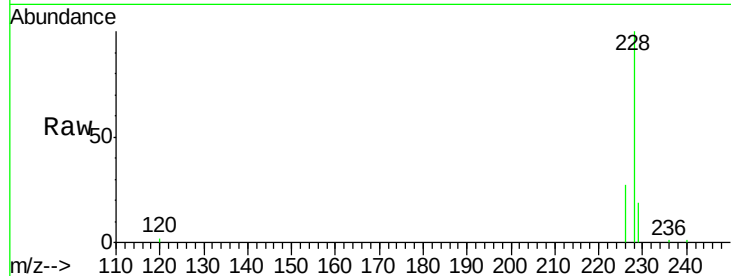
Tgt Ion:228 Resp: 172061

Ion Ratio Lower Upper

228 100

226 26.5 22.8 34.2

229 18.9 14.4 21.6



#28

Chrysene

Concen: 9.90 ng

RT: 21.18 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

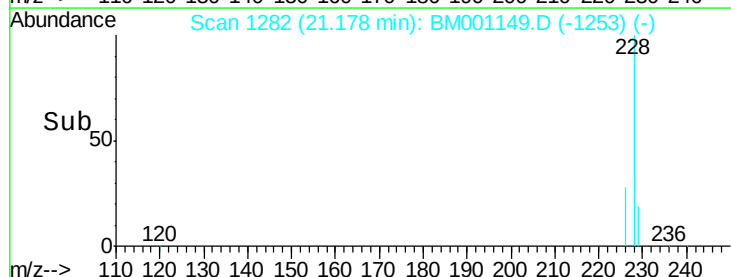
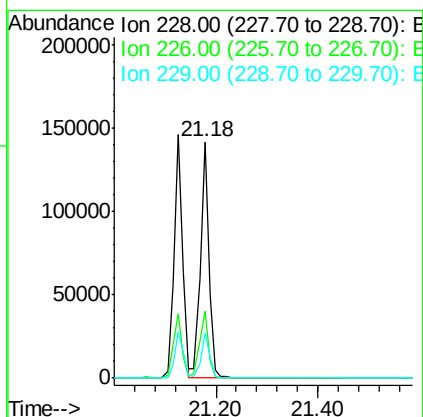
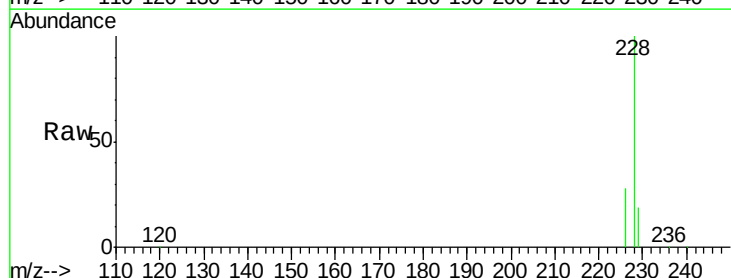
Tgt Ion:228 Resp: 165844

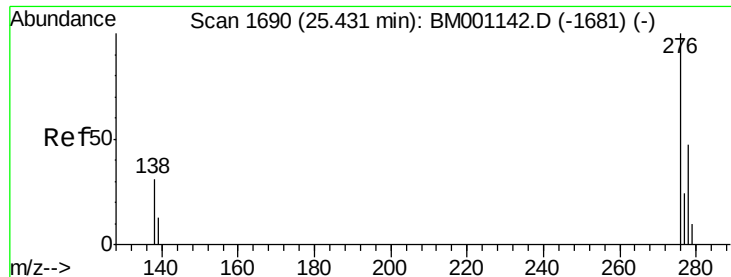
Ion Ratio Lower Upper

228 100

226 28.4 24.4 36.6

229 19.1 14.3 21.5





#29

Indeno(1,2,3-cd)pyrene

Concen: 8.36 ng

RT: 25.43 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS

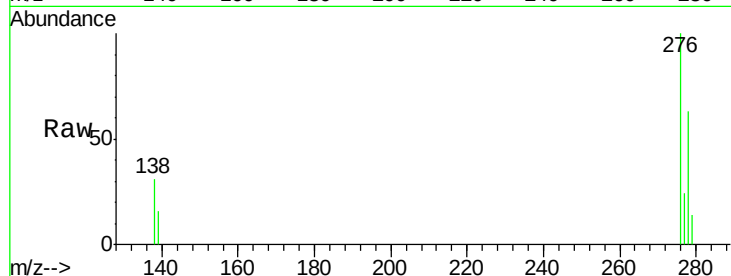
Tgt Ion:276 Resp: 127731

Ion Ratio Lower Upper

276 100

138 31.3 24.2 36.4

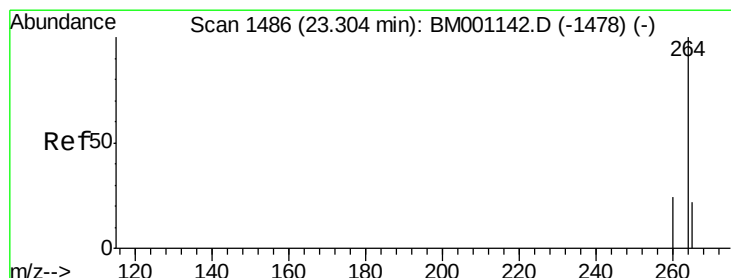
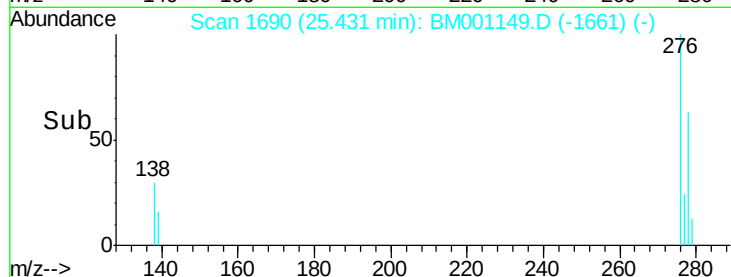
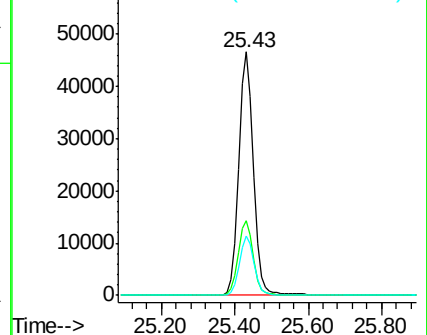
277 24.4 19.8 29.6



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: BM001149.D

Acq: 02 May 2015 02:07

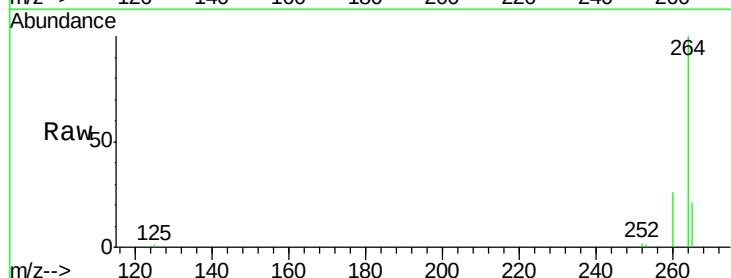
Tgt Ion:264 Resp: 45544

Ion Ratio Lower Upper

264 100

260 25.6 18.9 28.3

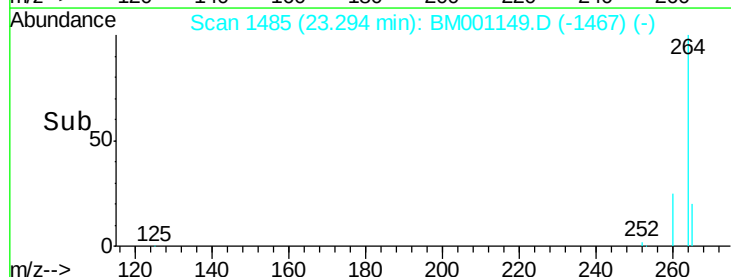
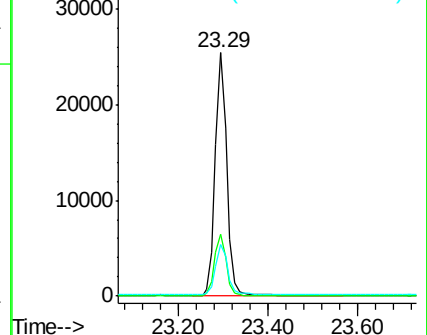
265 21.1 18.1 27.1

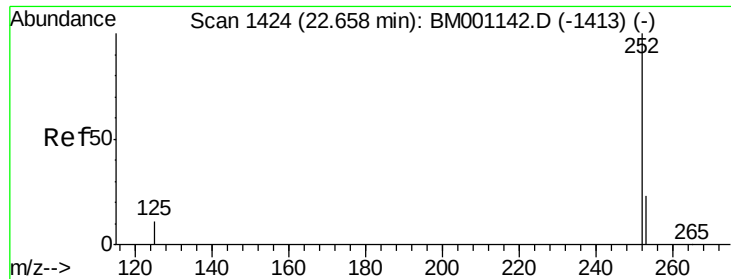


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 9.96 ng

RT: 22.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS

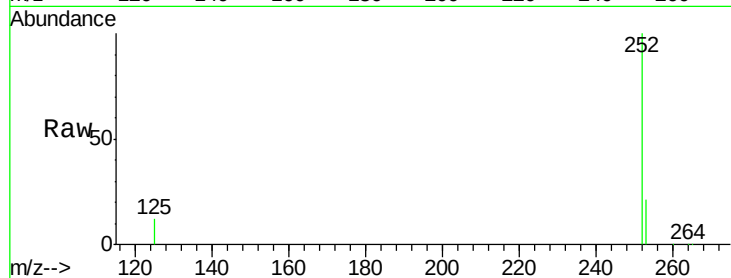
Tgt Ion:252 Resp: 139744

Ion Ratio Lower Upper

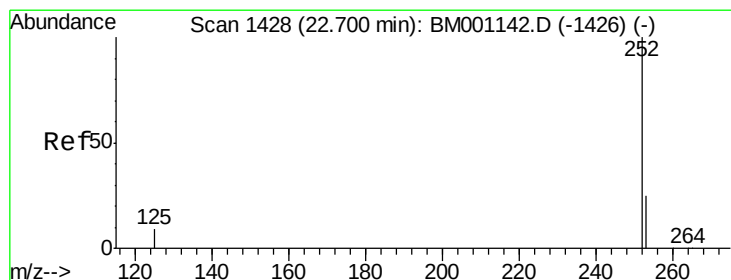
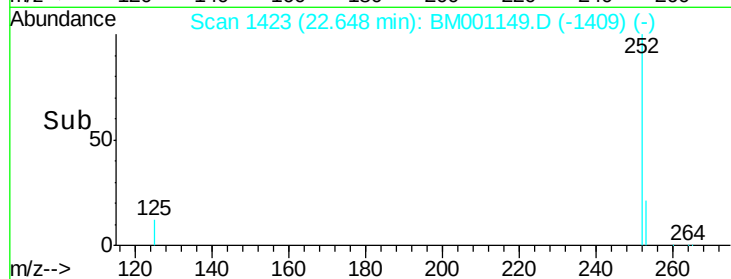
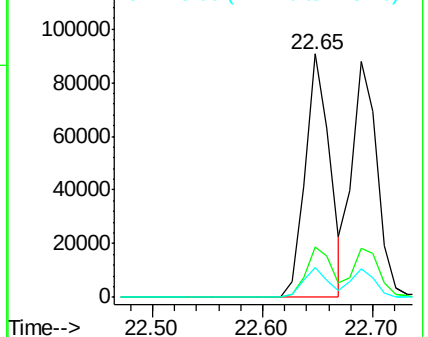
252 100

253 20.7 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: 10.64 ng

RT: 22.69 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

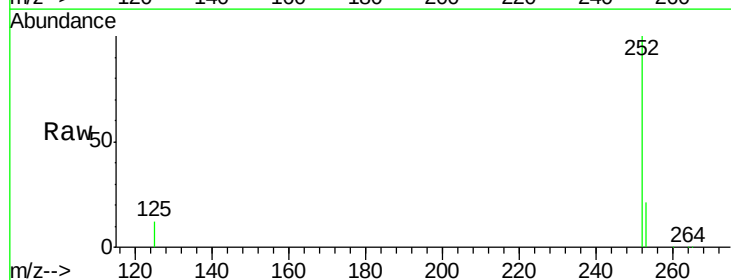
Tgt Ion:252 Resp: 139763

Ion Ratio Lower Upper

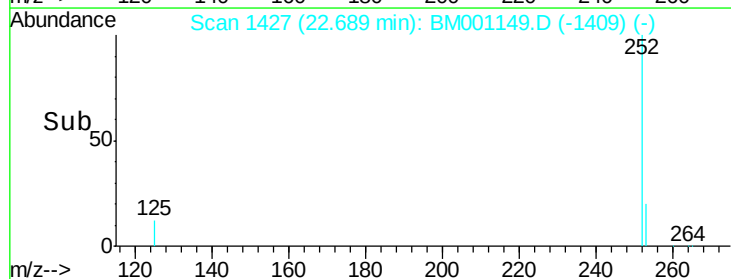
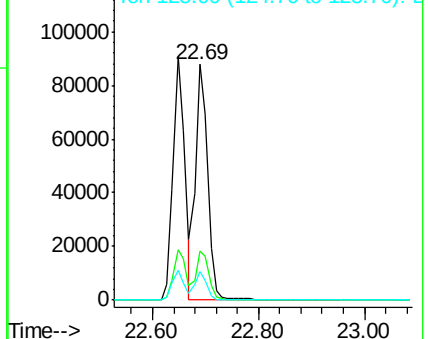
252 100

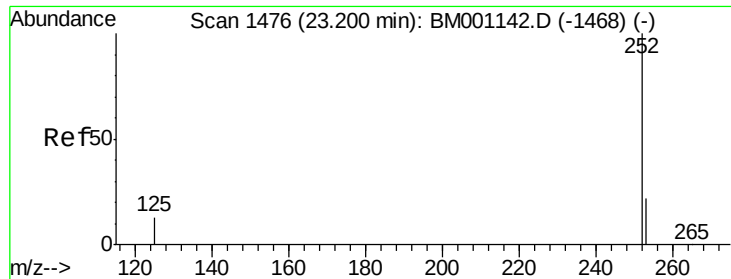
253 20.6 19.1 28.7

125 12.4 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: 10.82 ng

RT: 23.20 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS

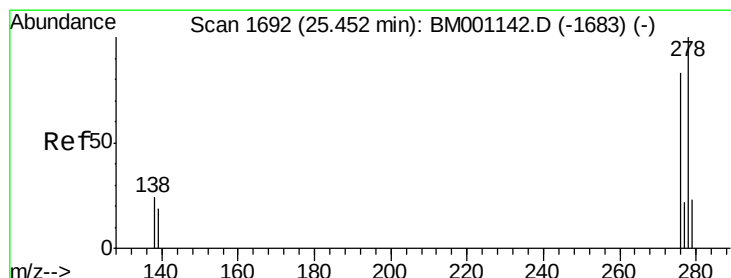
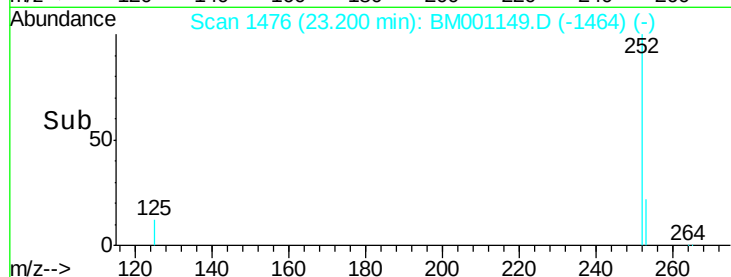
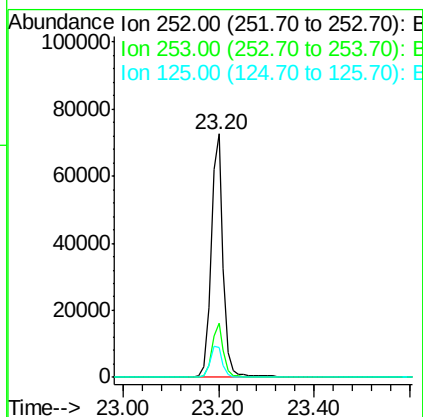
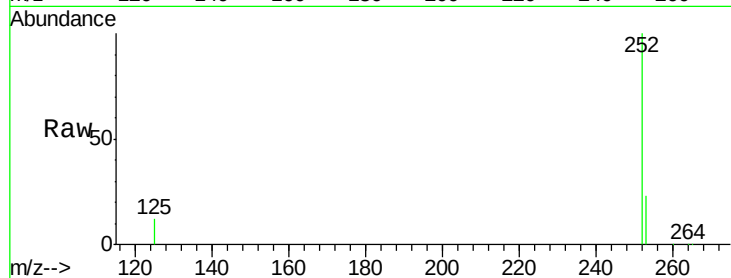
Tgt Ion:252 Resp: 127990

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

125 12.3 10.6 16.0



#34

Dibenzo(a,h)anthracene

Concen: 9.87 ng

RT: 25.44 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BM001149.D

Acq: 02 May 2015 02:07

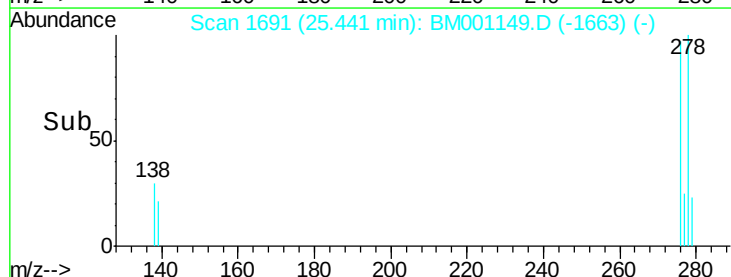
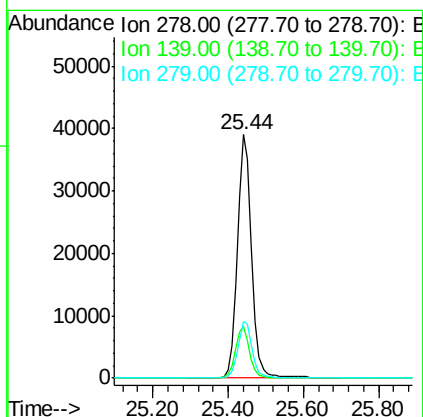
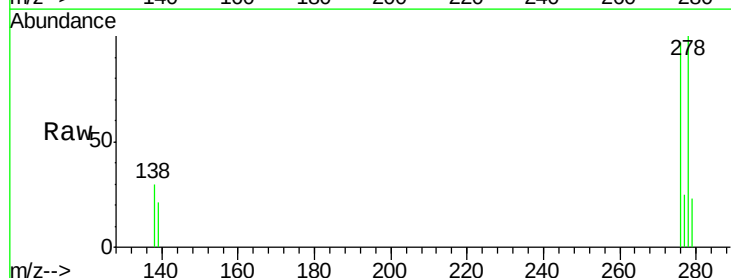
Tgt Ion:278 Resp: 102404

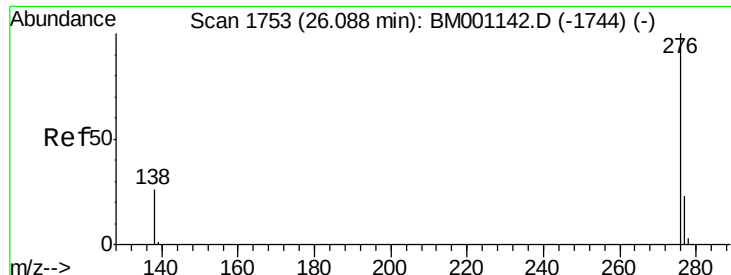
Ion Ratio Lower Upper

278 100

139 21.3 15.5 23.3

279 23.2 19.7 29.5





#35

Benzo(g,h,i)perylene

Concen: 9.65 ng

RT: 26.09 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BM001149.D

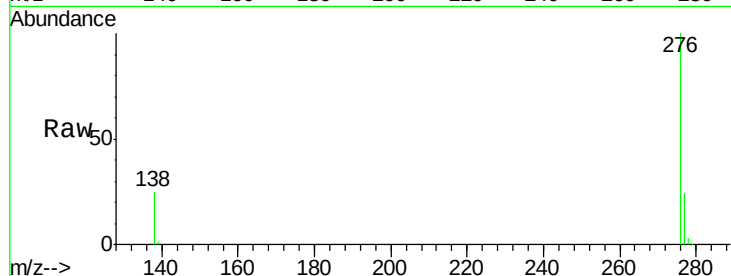
Acq: 02 May 2015 02:07

Instrument :

BNA_M

ClientSampleId :

PB83018BS



Tgt Ion: 276 Resp: 105633

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.4

138 25.2 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

