

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052015\
 Data File : BM001350.D
 Acq On : 21 May 2015 08:00
 Operator : TP/IZ
 Sample : SSTDICCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICCC001

Quant Time: May 21 08:59:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 21 08:43:35 2015
 Response via : Initial Calibration

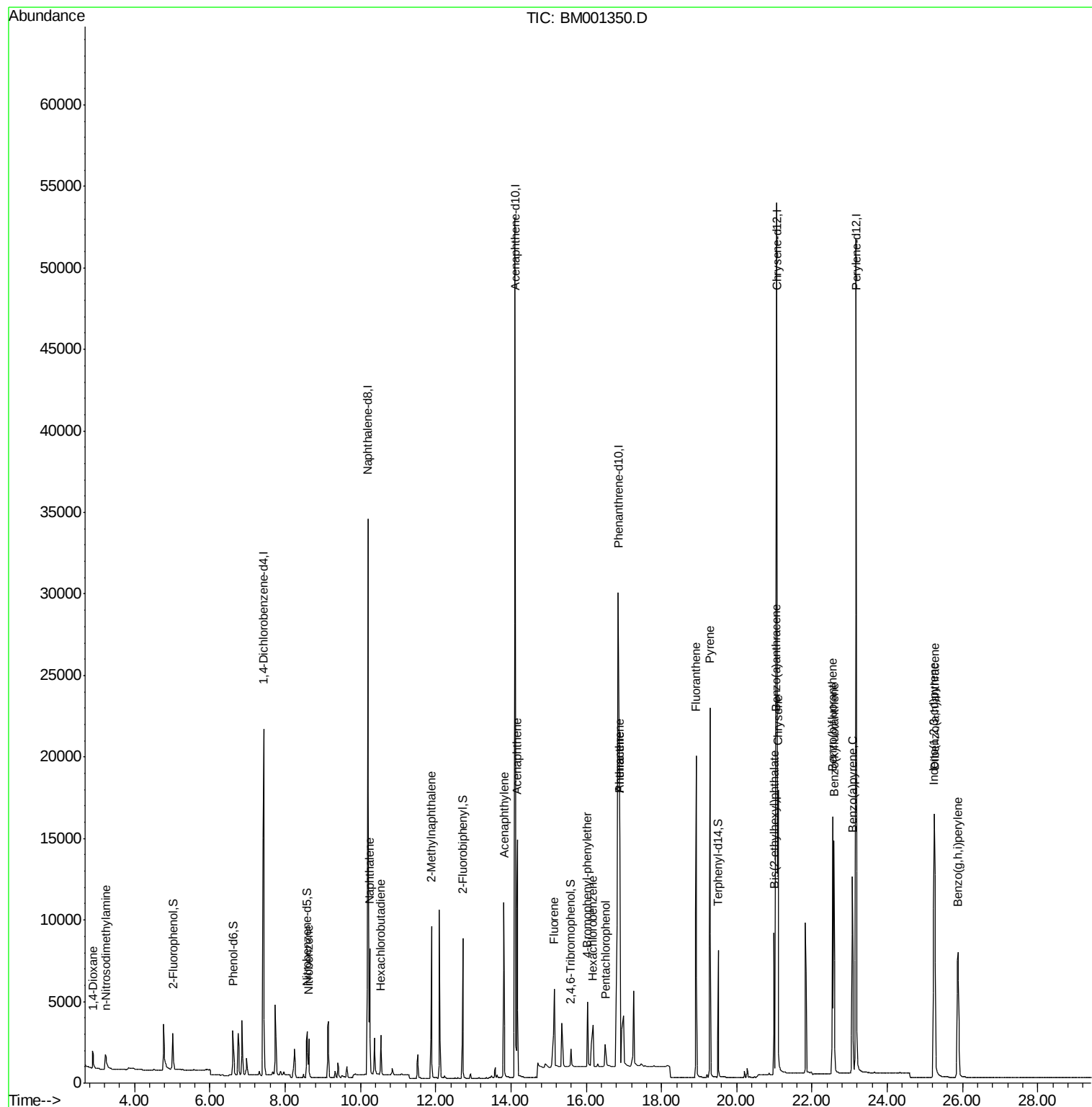
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	11592	5.00	ng	0.00
6) Naphthalene-d8	10.20	136	47215	5.00	ng	0.00
12) Acenaphthene-d10	14.11	164	29744	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	61408	5.00	ng	0.00
25) Chrysene-d12	21.07	240	66195	5.00	ng	0.00
32) Perylene-d12	23.17	264	60824	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	2223	0.99	ng	0.00
5) Phenol-d6	6.61	99	2771	0.96	ng	0.00
7) Nitrobenzene-d5	8.59	82	2454	0.90	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	1078	1.17	ng	0.00
14) 2-Fluorobiphenyl	12.72	172	8829	1.02	ng	0.00
27) Terphenyl-d14	19.50	244	8521	1.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.90	88	1235	1.17	ng	100
3) n-Nitrosodimethylamine	3.23	42	1393	1.00	ng	100
8) Nitrobenzene	8.63	77	2548	0.89	ng	100
9) Naphthalene	10.25	128	10067	1.03	ng	100
10) Hexachlorobutadiene	10.54	225	1932	1.03	ng	100
11) 2-Methylnaphthalene	11.89	142	7061	1.01	ng	100
15) Acenaphthylene	13.82	152	12140	0.95	ng	100
16) Acenaphthene	14.17	154	7707	1.01	ng	100
17) Fluorene	15.15	166	6147	0.82	ng	100
19) 4-Bromophenyl-phenylether	16.04	248	3234	1.45	ng	100
20) Hexachlorobenzene	16.17	284	4529	1.12	ng	# 100
21) Pentachlorophenol	16.51	266	1296	0.90	ng	100
22) Phenanthrene	16.89	178	24765	1.17	ng	100
23) Anthracene	16.89	178	24765	3.26	ng	# 53
24) Fluoranthene	18.92	202	18643	1.18	ng	100
26) Pyrene	19.29	202	19914	1.02	ng	100
28) Benzo(a)anthracene	21.04	228	17914	0.99	ng	100
29) Chrysene	21.10	228	17591	1.01	ng	100
30) Bis(2-ethylhexyl)phthalate	20.99	149	8333	0.82	ng	100
31) Indeno(1,2,3-cd)pyrene	25.24	276	18070	0.93	ng	100
33) Benzo(b)fluoranthene	22.54	252	18249	1.03	ng	100
34) Benzo(k)fluoranthene	22.58	252	16367	0.97	ng	100
35) Benzo(a)pyrene	23.07	252	15260	0.97	ng	100
36) Dibenzo(a,h)anthracene	25.25	278	13958	0.94	ng	100
37) Benzo(g,h,i)perylene	25.88	276	14931	0.95	ng	100

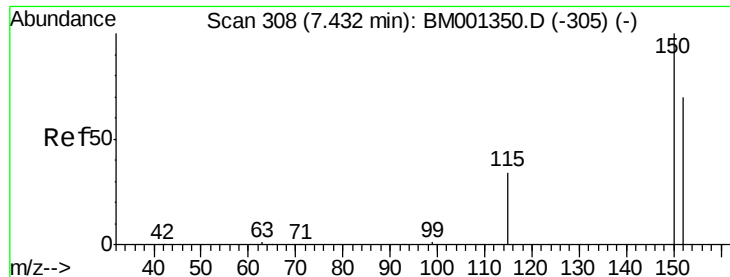
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 21 08:43:35 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

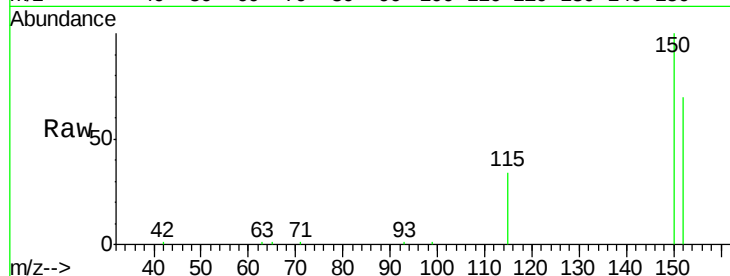
Tgt Ion: 152 Resp: 11592

Ion Ratio Lower Upper

152 100

150 142.6 114.1 171.1

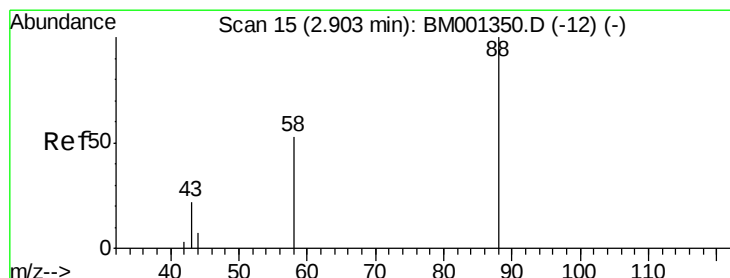
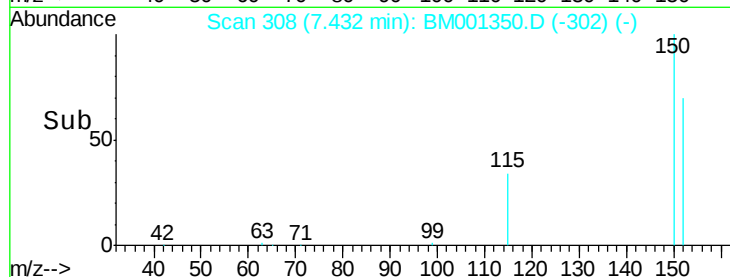
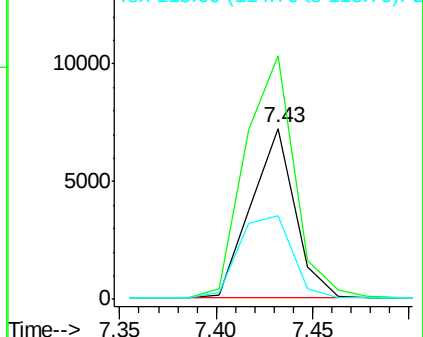
115 49.0 39.2 58.8



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: 1.17 ng

RT: 2.90 min Scan# 15

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

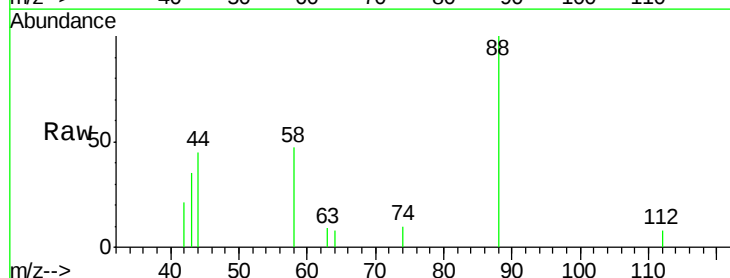
Tgt Ion: 88 Resp: 1235

Ion Ratio Lower Upper

88 100

58 66.4 53.1 79.7

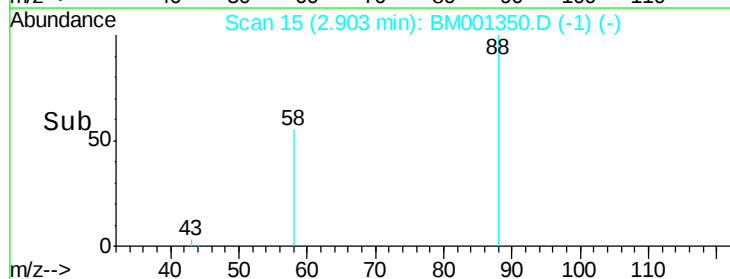
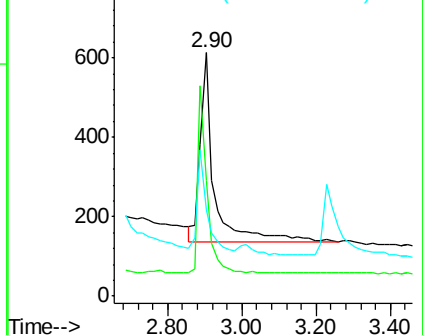
43 34.8 27.8 41.8

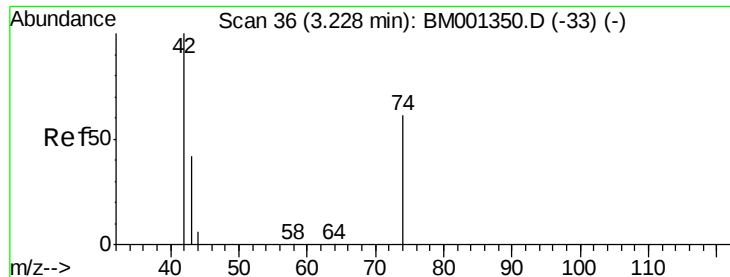


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 1.00 ng

RT: 3.23 min Scan# 36

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

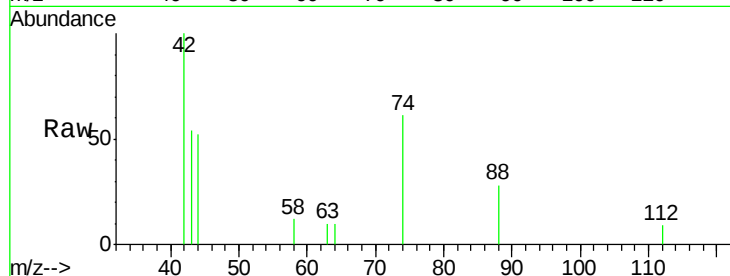
Tgt Ion: 42 Resp: 1393

Ion Ratio Lower Upper

42 100

74 87.5 70.0 105.0

44 4.5 3.6 5.4

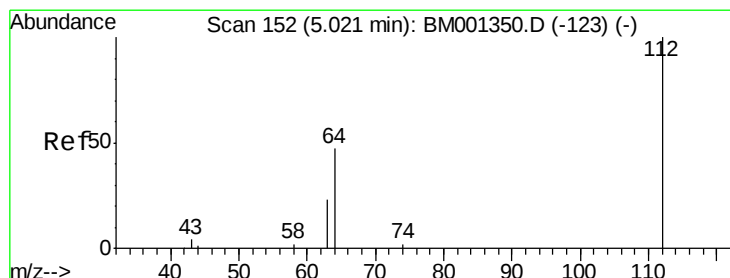
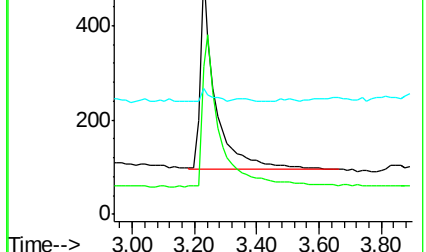
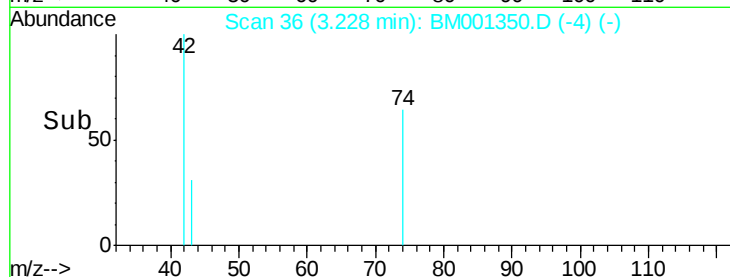


Abundance Ion 42.00 (41.70 to 42.70): BM001350.D (-33) (-)

Ion 74.00 (73.70 to 74.70): BM001350.D (-33) (-)

Ion 44.00 (43.70 to 44.70): BM001350.D (-33) (-)

Time-->



#4

2-Fluorophenol

Concen: 0.99 ng

RT: 5.02 min Scan# 152

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

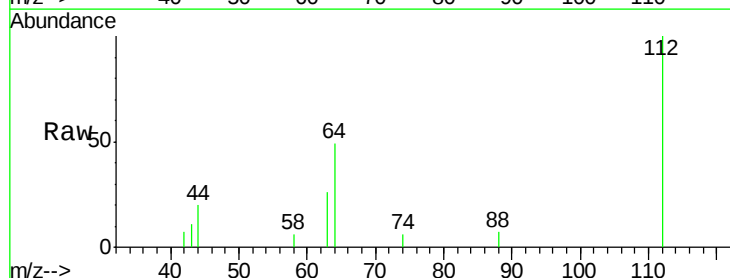
Tgt Ion: 112 Resp: 2223

Ion Ratio Lower Upper

112 100

64 66.1 52.9 79.3

63 37.0 29.6 44.4

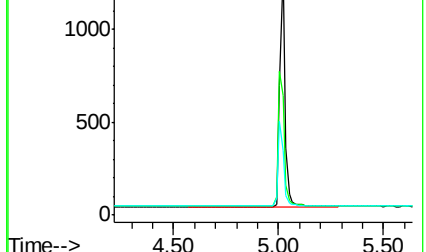
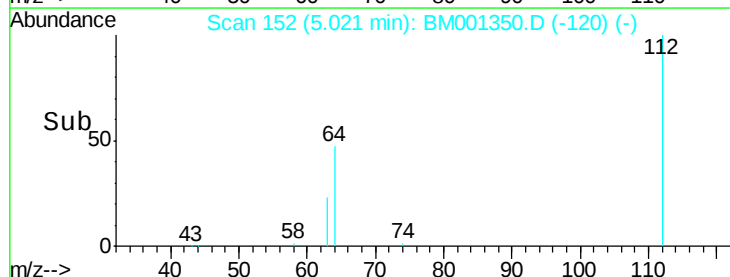


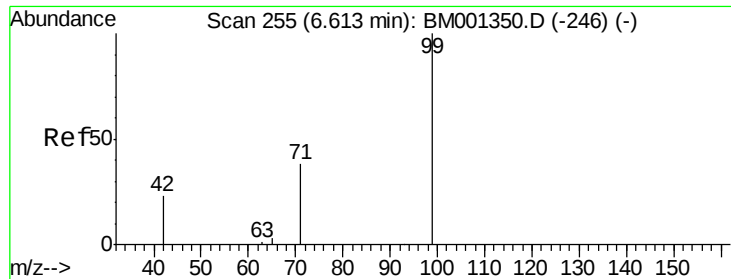
Abundance Ion 112.00 (111.70 to 112.70): BM001350.D (-123) (-)

Ion 64.00 (63.70 to 64.70): BM001350.D (-123) (-)

Ion 63.00 (62.70 to 63.70): BM001350.D (-123) (-)

Time-->





#5

Phenol-d6

Concen: 0.96 ng

RT: 6.61 min Scan# 255

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

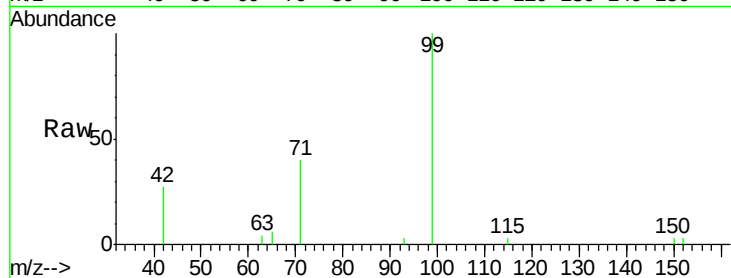
Tgt Ion: 99 Resp: 2771

Ion Ratio Lower Upper

99 100

42 26.8 21.4 32.2

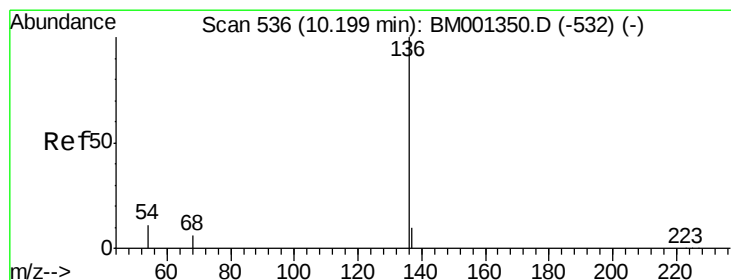
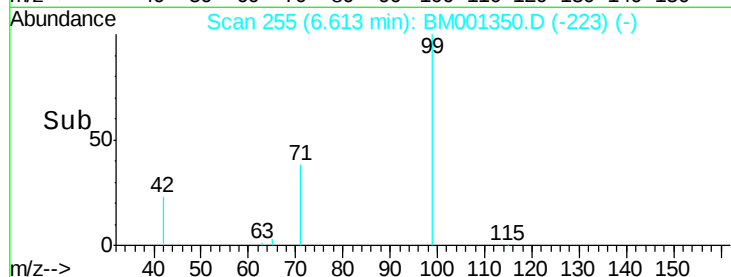
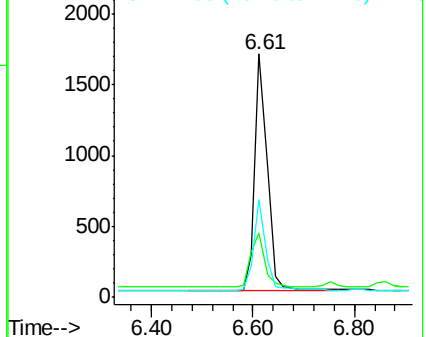
71 36.2 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BM001350.D (-246) (-)

Ion 42.00 (41.70 to 42.70): BM001350.D (-246) (-)

Ion 71.00 (70.70 to 71.70): BM001350.D (-246) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.20 min Scan# 536

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Tgt Ion: 136 Resp: 47215

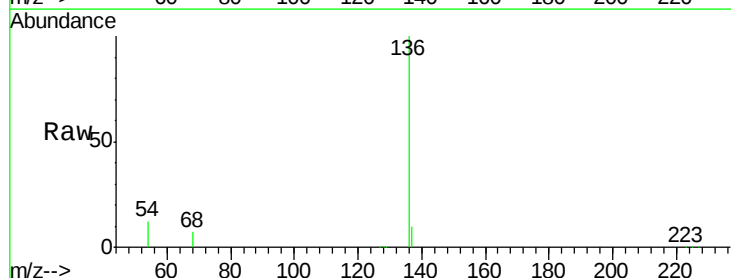
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

54 11.7 9.4 14.0

68 6.5 5.2 7.8

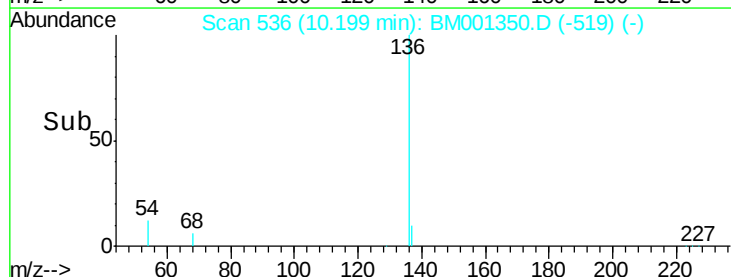
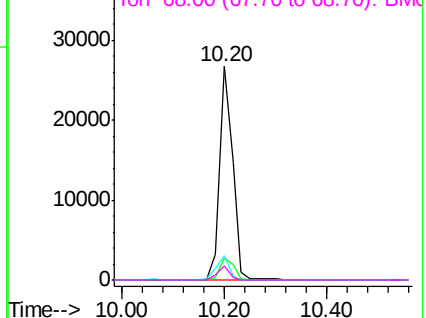


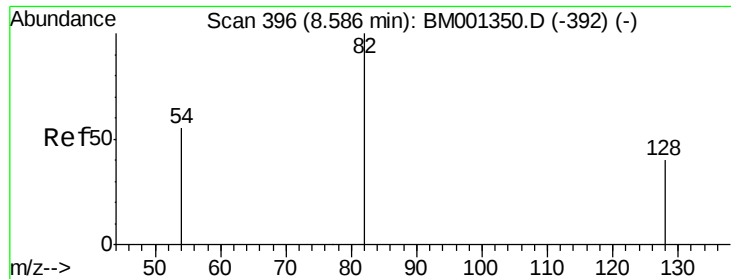
Abundance Ion 136.00 (135.70 to 136.70): BM001350.D (-532) (-)

Ion 137.00 (136.70 to 137.70): BM001350.D (-532) (-)

Ion 54.00 (53.70 to 54.70): BM001350.D (-532) (-)

Ion 68.00 (67.70 to 68.70): BM001350.D (-532) (-)





#7

Nitrobenzene-d5

Concen: 0.90 ng

RT: 8.59 min Scan# 396

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

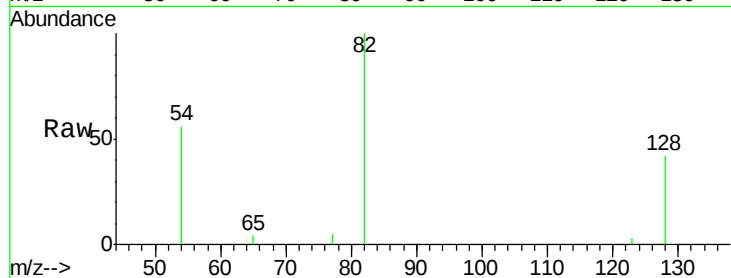
Tgt Ion: 82 Resp: 2454

Ion Ratio Lower Upper

82 100

128 41.9 33.5 50.3

54 56.4 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BM001350.D (-392) (-)

Ion 128.00 (127.70 to 128.70): BM001350.D (-392) (-)

Ion 54.00 (53.70 to 54.70): BM001350.D (-392) (-)

8.59

1500

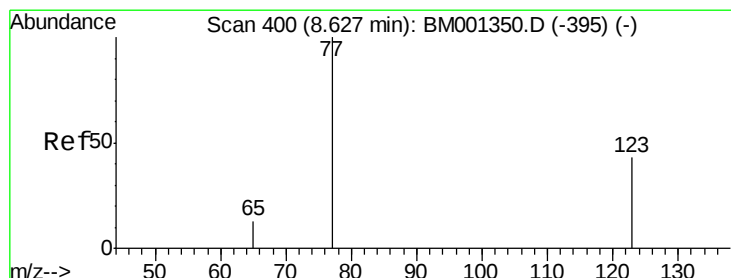
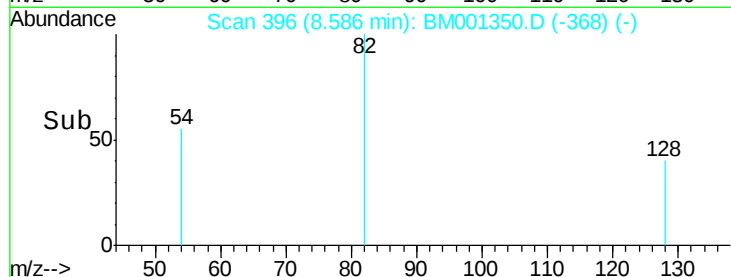
1000

500

0

8.50 8.60 8.70

Time-->



#8

Nitrobenzene

Concen: 0.89 ng

RT: 8.63 min Scan# 400

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

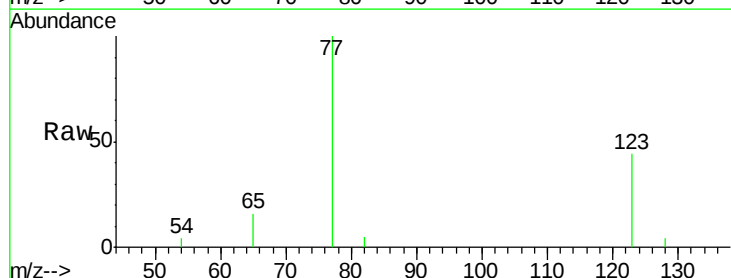
Tgt Ion: 77 Resp: 2548

Ion Ratio Lower Upper

77 100

123 42.0 33.6 50.4

65 14.1 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BM001350.D (-395) (-)

Ion 123.00 (122.70 to 123.70): BM001350.D (-395) (-)

Ion 65.00 (64.70 to 65.70): BM001350.D (-395) (-)

8.63

2000

1500

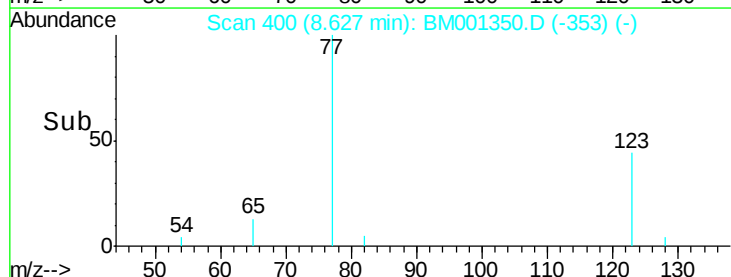
1000

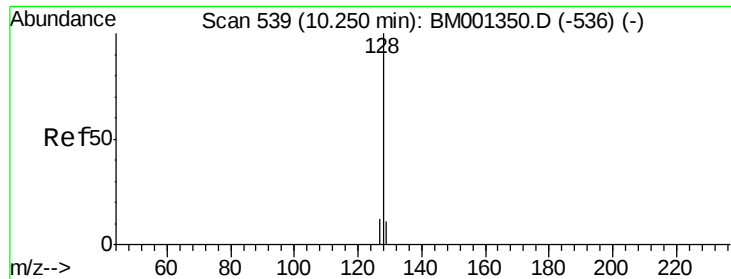
500

0

8.50 8.60 8.70 8.80 8.90

Time-->





#9

Naphthalene

Concen: 1.03 ng

RT: 10.25 min Scan# 539

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

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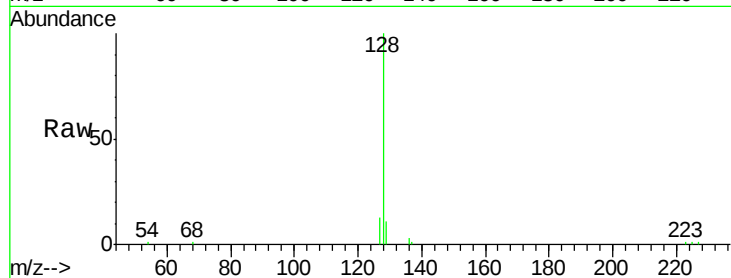
Tgt Ion:128 Resp: 10067

Ion Ratio Lower Upper

128 100

129 11.4 9.1 13.7

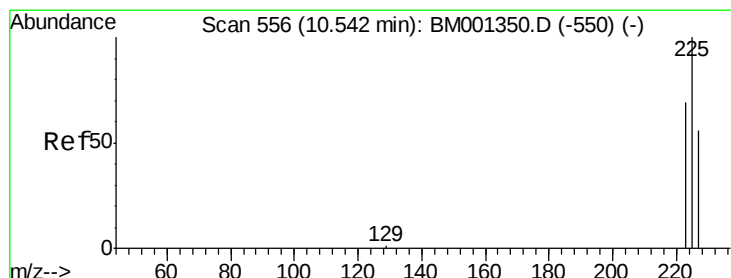
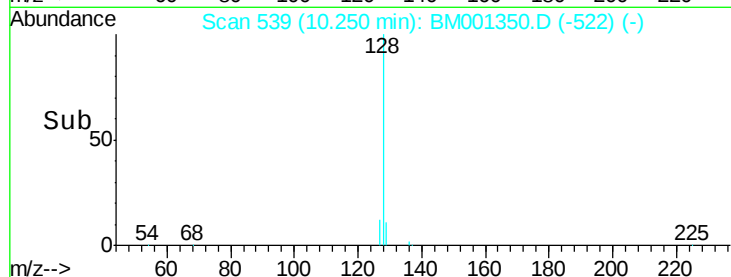
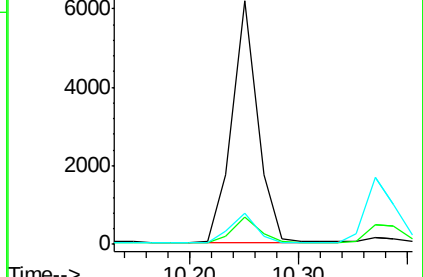
127 13.0 10.4 15.6



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: 1.03 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

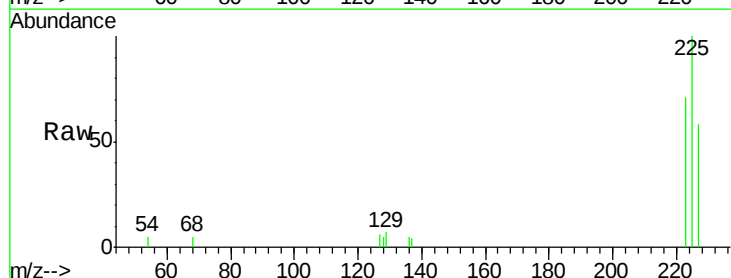
Tgt Ion:225 Resp: 1932

Ion Ratio Lower Upper

225 100

223 62.9 50.3 75.5

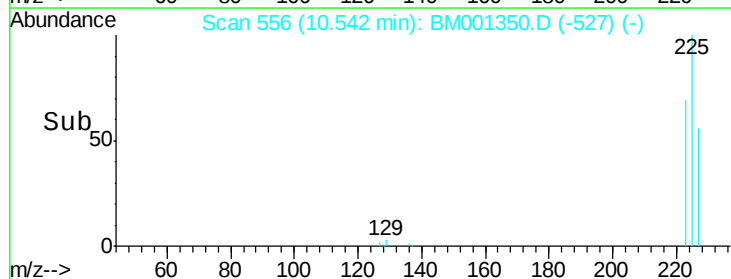
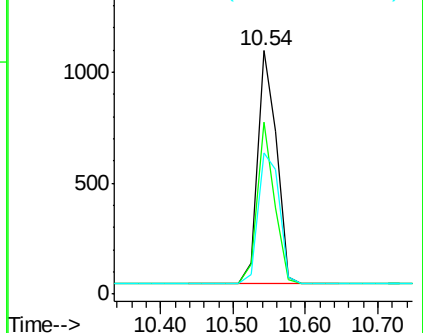
227 63.2 50.6 75.8

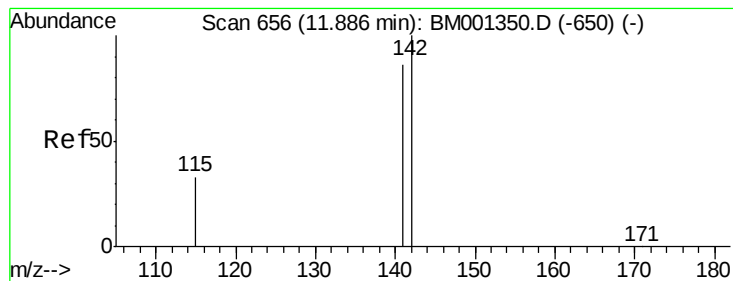


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.01 ng

RT: 11.89 min Scan# 656

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

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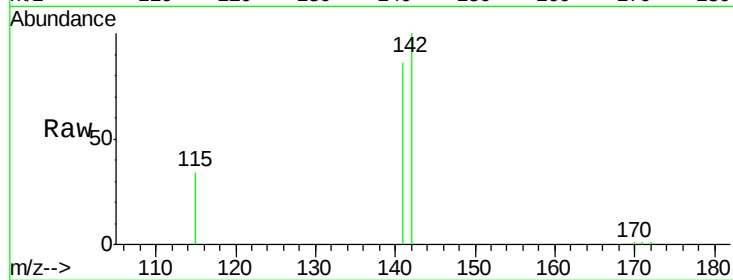
Tgt Ion:142 Resp: 7061

Ion Ratio Lower Upper

142 100

141 86.2 69.0 103.4

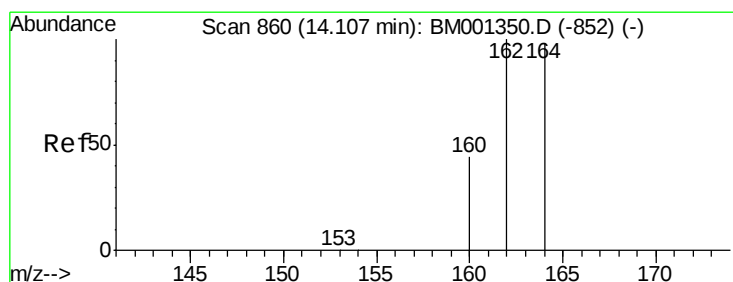
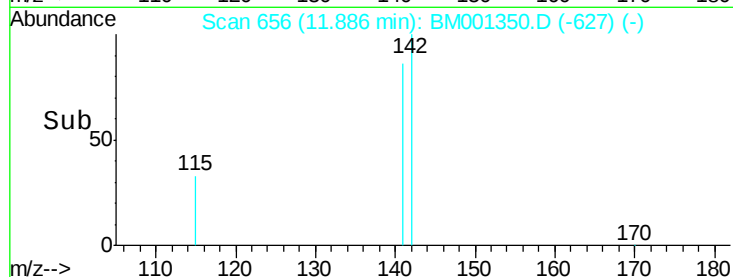
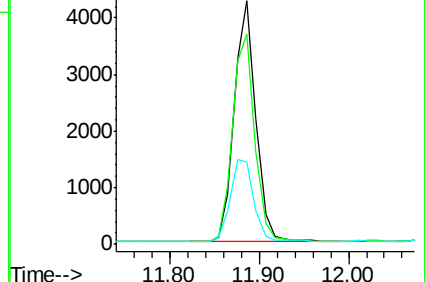
115 33.9 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.11 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

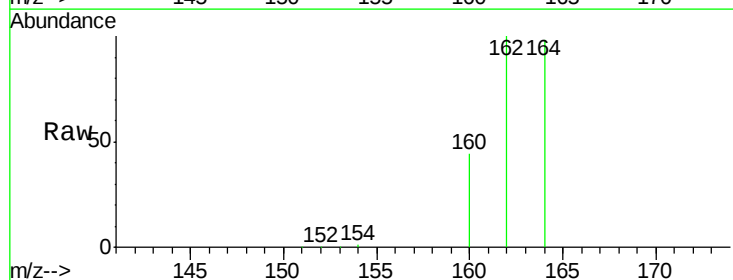
Tgt Ion:164 Resp: 29744

Ion Ratio Lower Upper

164 100

162 102.3 81.8 122.8

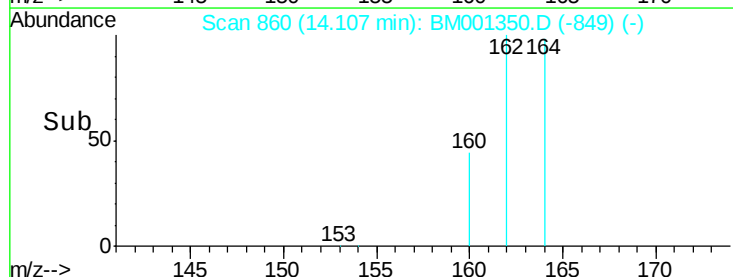
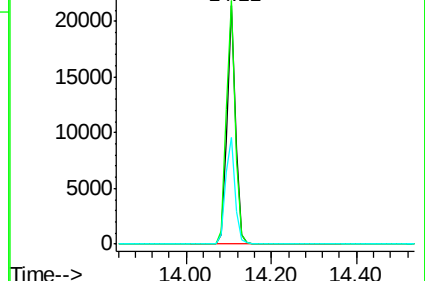
160 44.8 35.8 53.8

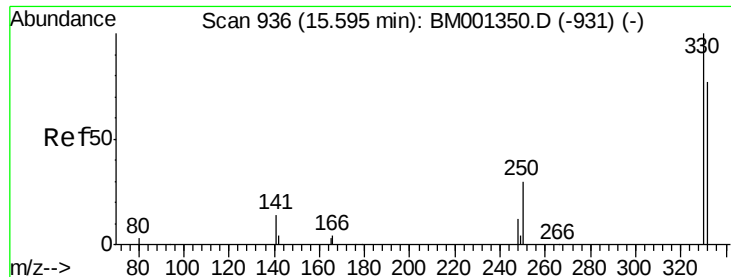


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

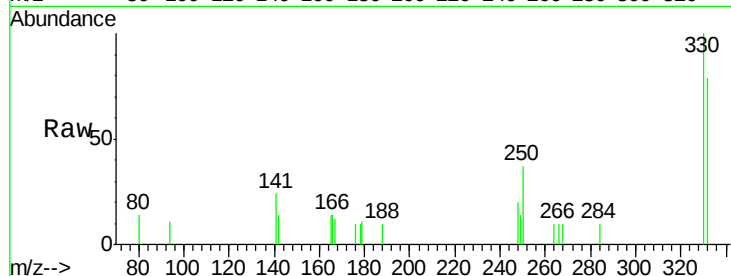




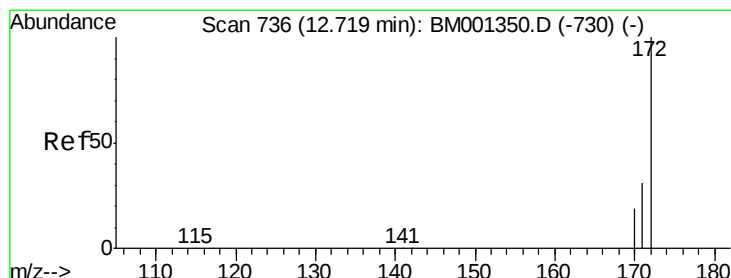
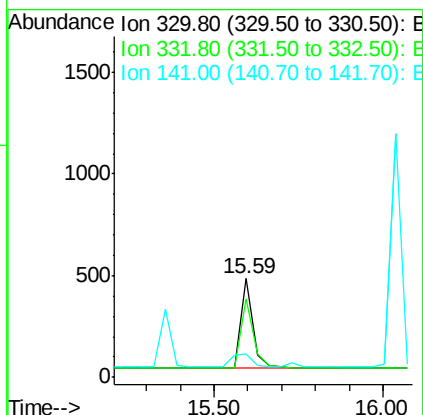
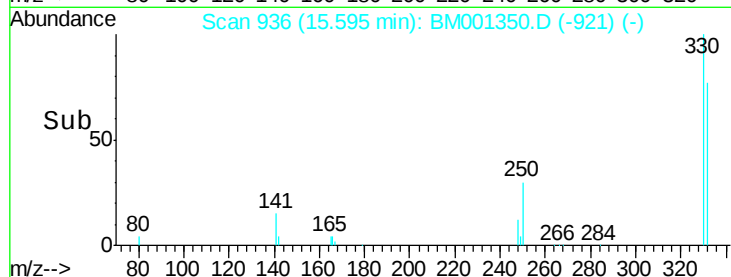
#13
 2,4,6-Tribromophenol
 Concen: 1.17 ng
 RT: 15.59 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: BM001350.D
 Acq: 21 May 2015 08:00

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

Tgt Ion:330 Resp: 1078
 Ion Ratio Lower Upper
 330 100
 332 81.8 65.4 98.2
 141 25.3 20.2 30.4

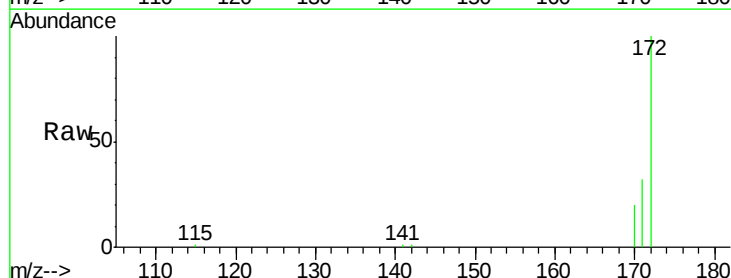


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

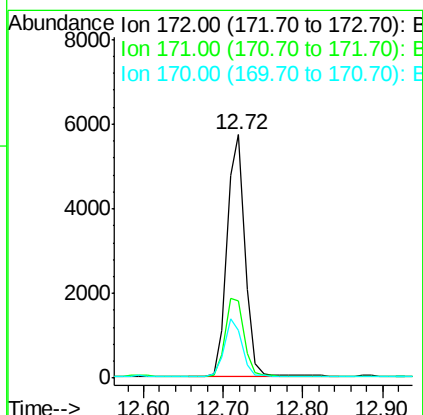
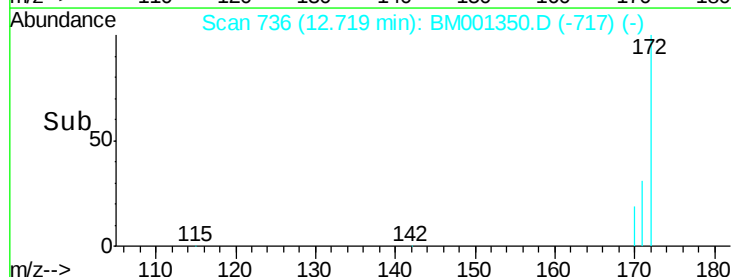


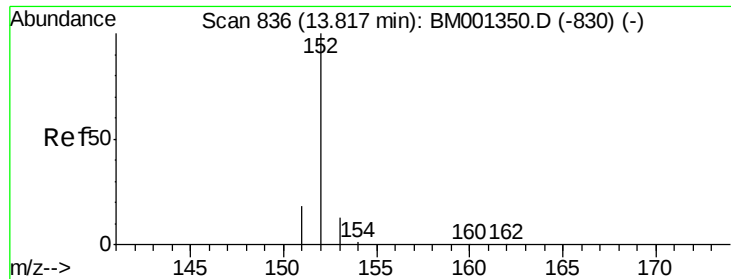
#14
 2-Fluorobiphenyl
 Concen: 1.02 ng
 RT: 12.72 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BM001350.D
 Acq: 21 May 2015 08:00

Tgt Ion:172 Resp: 8829
 Ion Ratio Lower Upper
 172 100
 171 31.8 25.4 38.2
 170 19.6 15.7 23.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

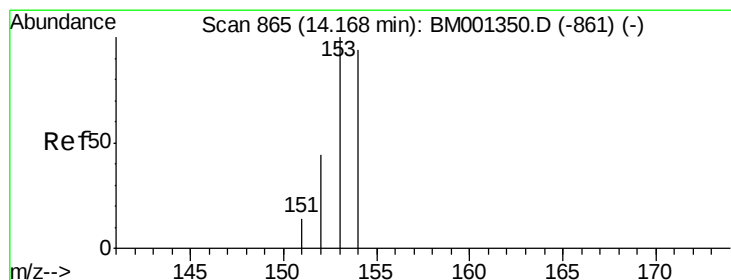
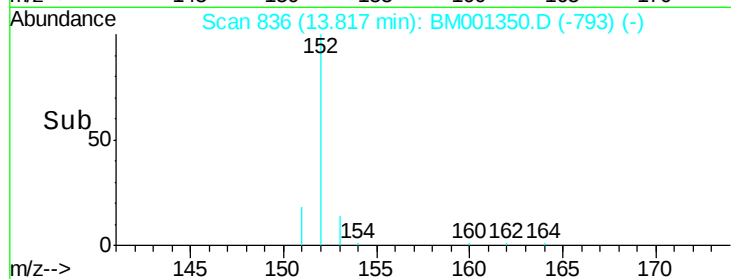
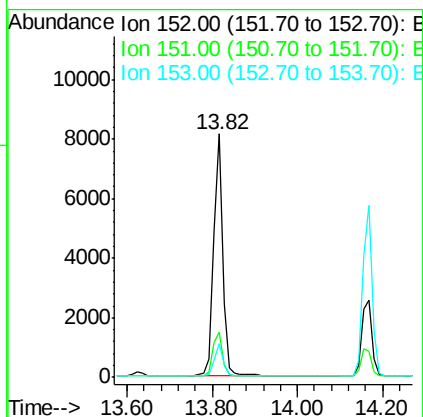
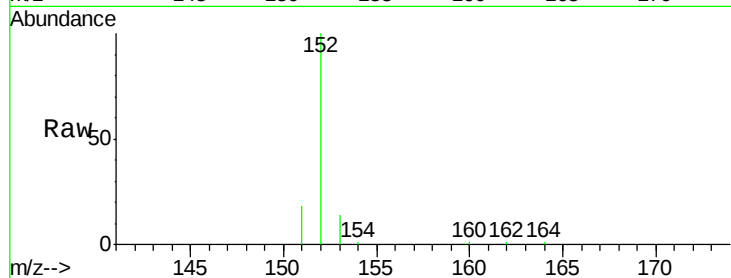




#15
Acenaphthylene
Concen: 0.95 ng
RT: 13.82 min Scan# 836
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

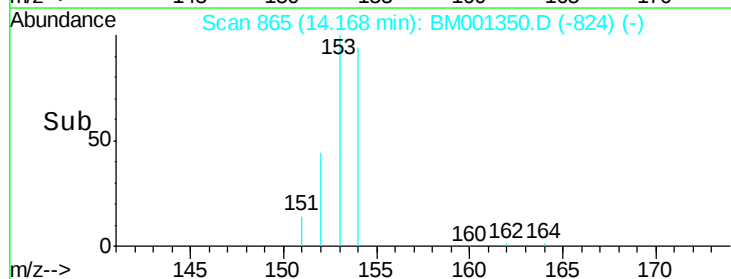
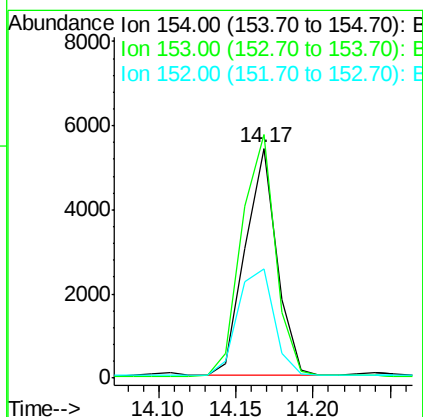
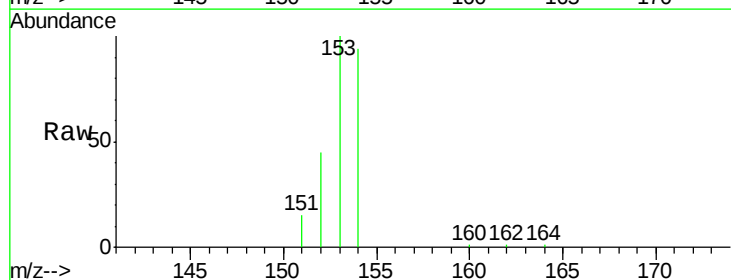
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

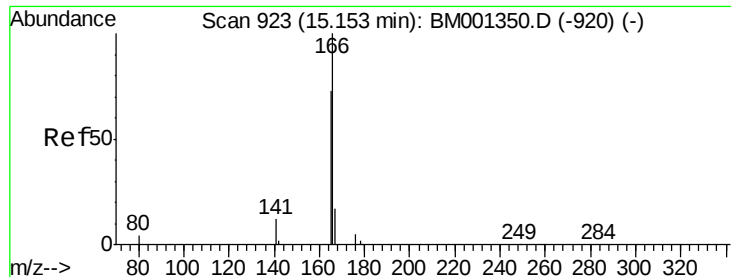
Tgt Ion:152 Resp: 12140
Ion Ratio Lower Upper
152 100
151 19.1 15.3 22.9
153 12.9 10.3 15.5



#16
Acenaphthene
Concen: 1.01 ng
RT: 14.17 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:154 Resp: 7707
Ion Ratio Lower Upper
154 100
153 113.2 90.6 135.8
152 54.5 43.6 65.4

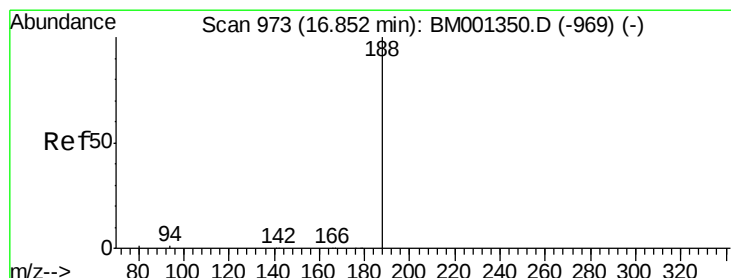
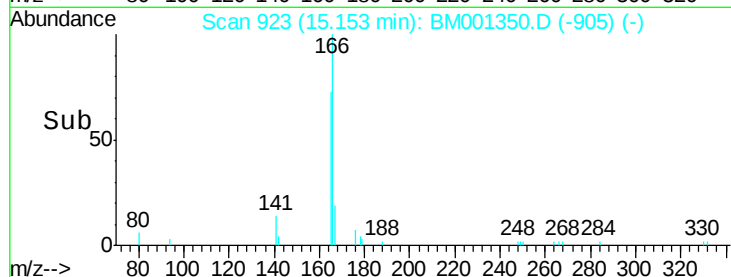
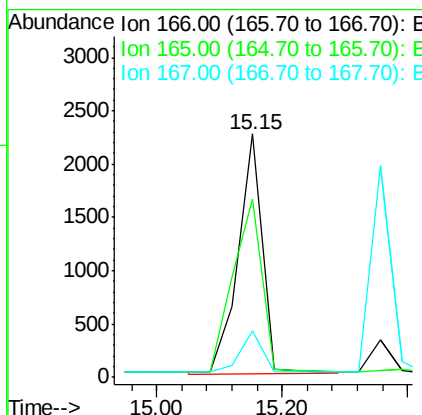
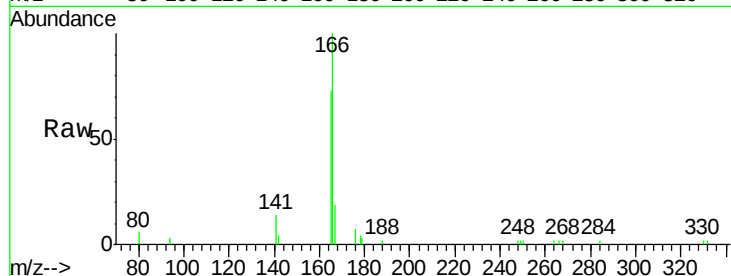




#17
Fluorene
 Concen: 0.82 ng
 RT: 15.15 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BM001350.D
 Acq: 21 May 2015 08:00

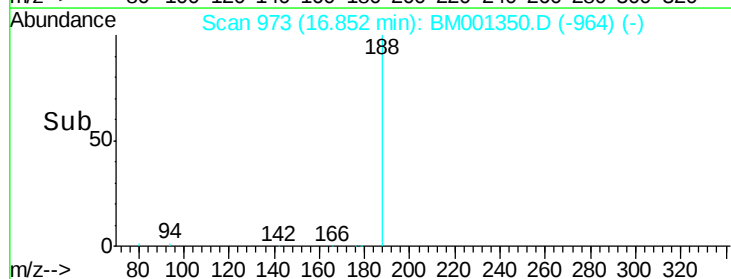
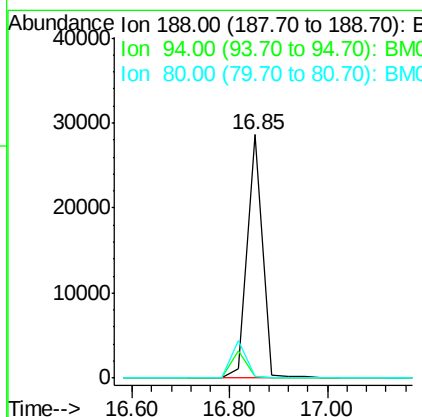
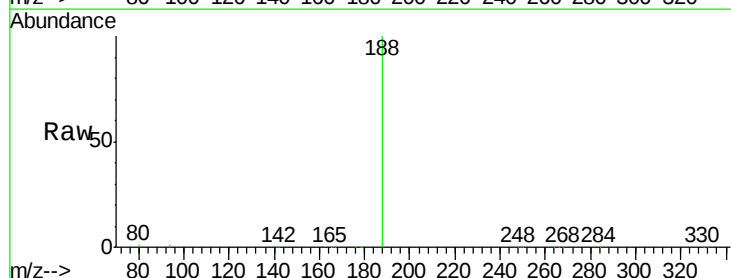
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC001

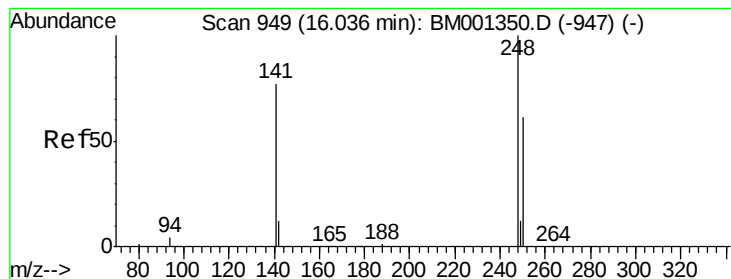
Tgt Ion:166 Resp: 6147
 Ion Ratio Lower Upper
 166 100
 165 90.6 72.5 108.7
 167 20.0 16.0 24.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.85 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BM001350.D
 Acq: 21 May 2015 08:00

Tgt Ion:188 Resp: 61408
 Ion Ratio Lower Upper
 188 100
 94 0.8 0.6 1.0
 80 0.7 0.6 0.8





#19

4-Bromophenyl-phenylether

Concen: 1.45 ng

RT: 16.04 min Scan# 949

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

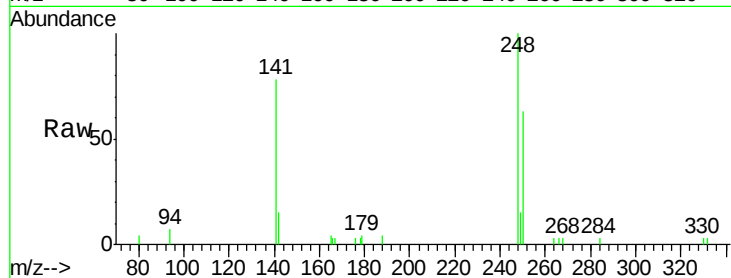
Tgt Ion:248 Resp: 3234

Ion Ratio Lower Upper

248 100

250 64.4 51.5 77.3

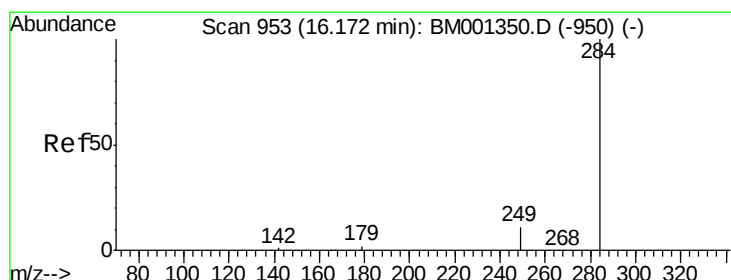
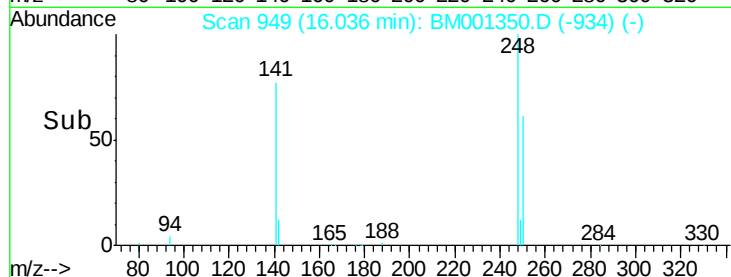
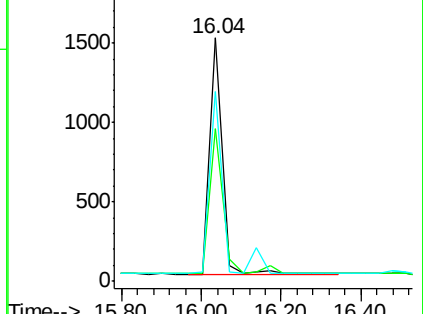
141 73.8 59.0 88.6



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



#20

Hexachlorobenzene

Concen: 1.12 ng

RT: 16.17 min Scan# 953

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

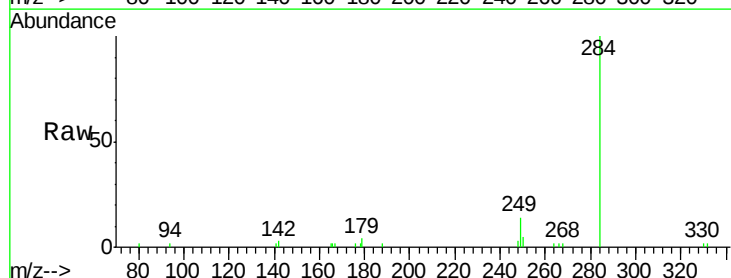
Tgt Ion:284 Resp: 4529

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

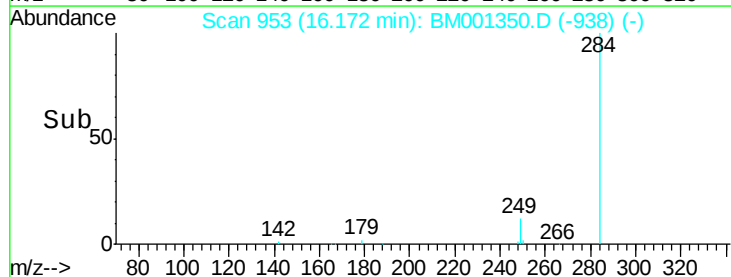
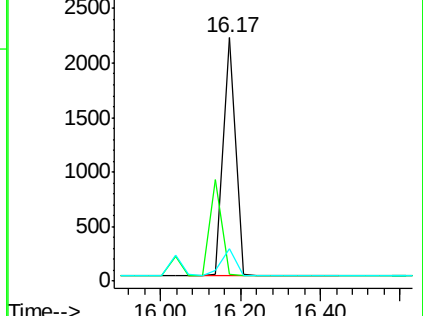
249 13.9 11.1 16.7

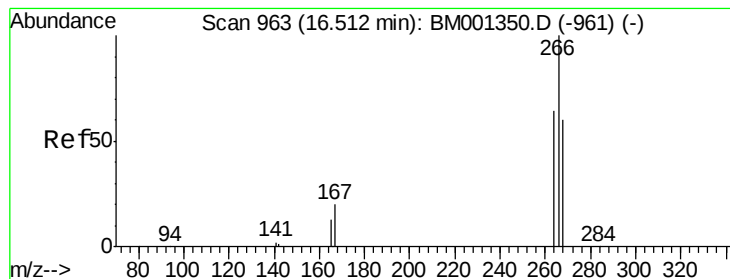


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.90 ng

RT: 16.51 min Scan# 963

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

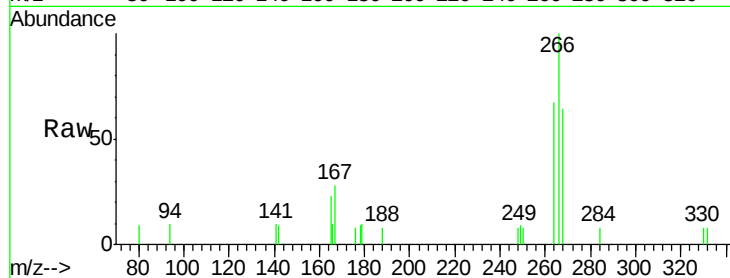
Tgt Ion:266 Resp: 1296

Ion Ratio Lower Upper

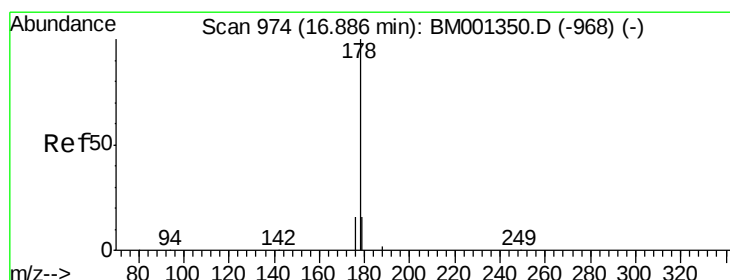
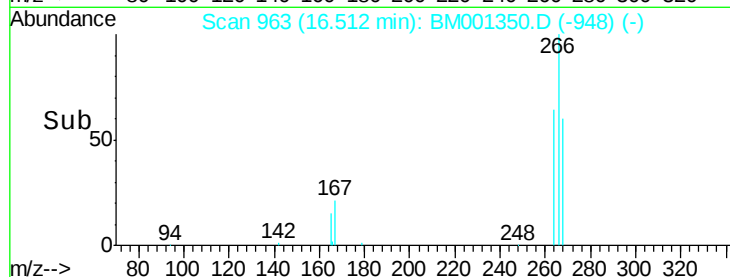
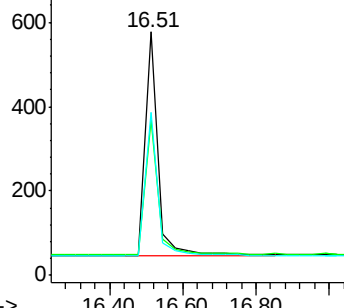
266 100

268 64.0 51.2 76.8

264 67.1 53.7 80.5



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



#22

Phenanthrene

Concen: 1.17 ng

RT: 16.89 min Scan# 974

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

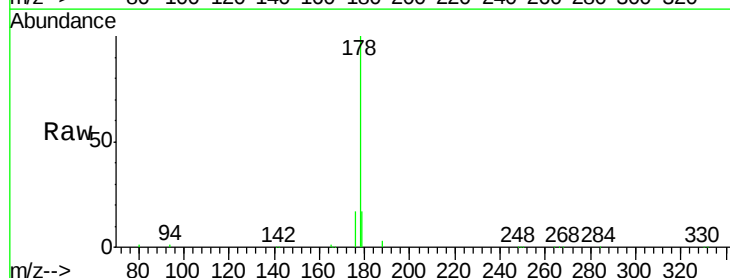
Tgt Ion:178 Resp: 24765

Ion Ratio Lower Upper

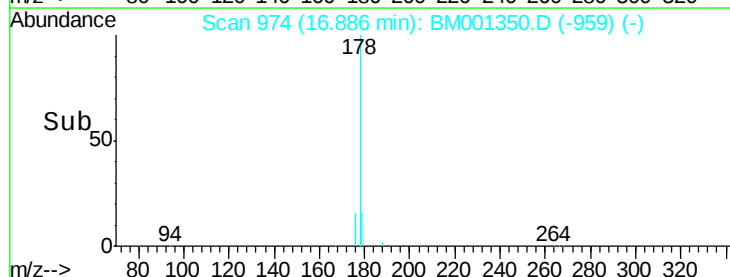
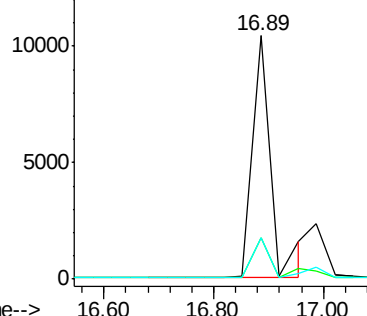
178 100

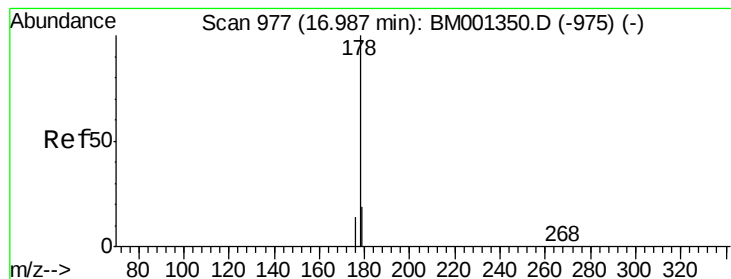
176 20.8 16.6 25.0

179 16.0 12.8 19.2



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

Anthracene

Concen: 3.26 ng

RT: 16.89 min Scan# 974

Delta R.T. -0.10 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

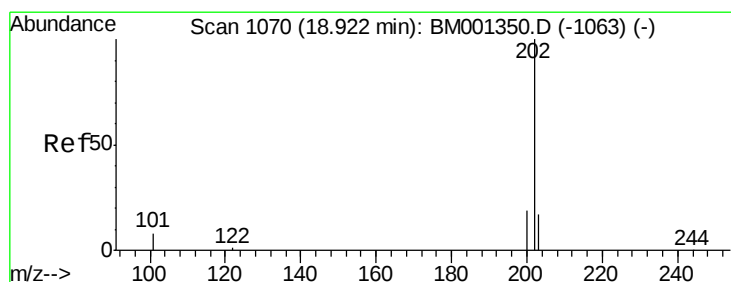
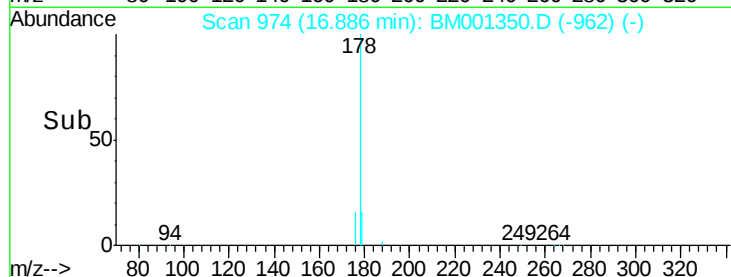
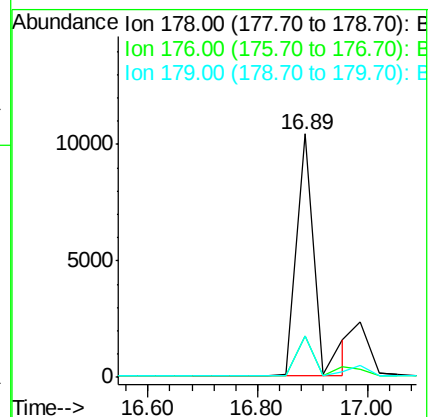
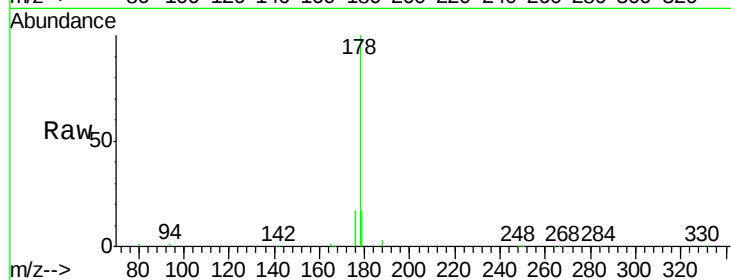
Tgt Ion:178 Resp: 24765

Ion Ratio Lower Upper

178 100

176 20.8 46.1 69.1#

179 16.0 35.4 53.0#



#24

Fluoranthene

Concen: 1.18 ng

RT: 18.92 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

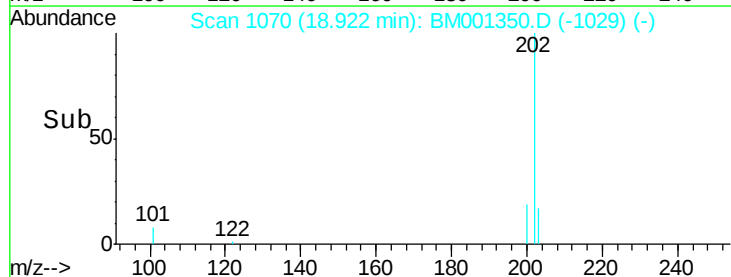
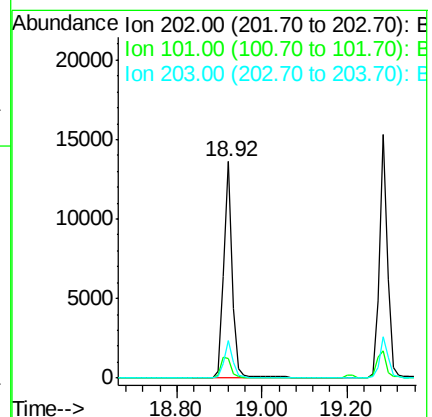
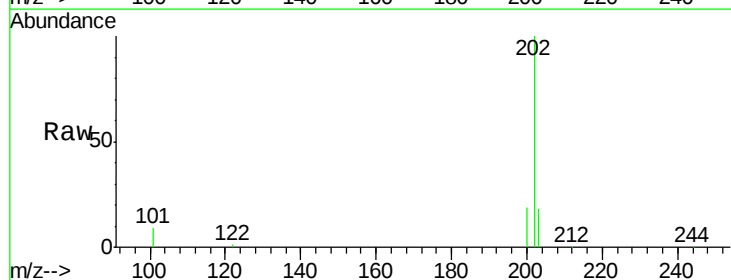
Tgt Ion:202 Resp: 18643

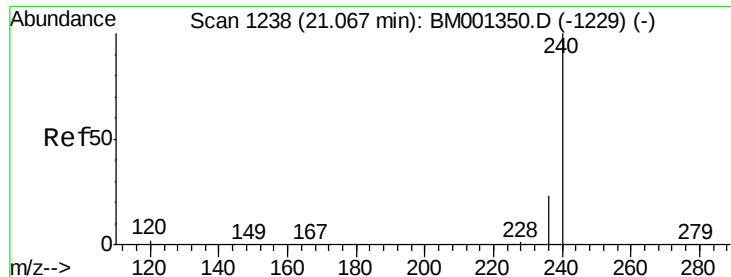
Ion Ratio Lower Upper

202 100

101 10.9 8.7 13.1

203 17.2 13.8 20.6

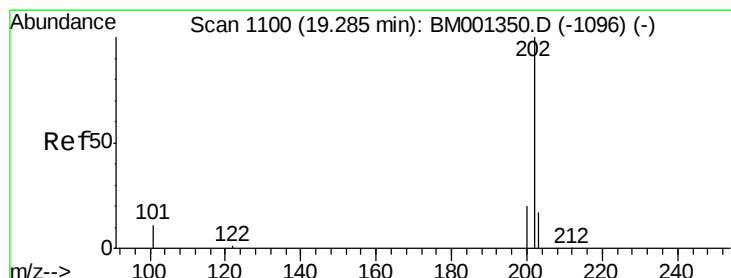
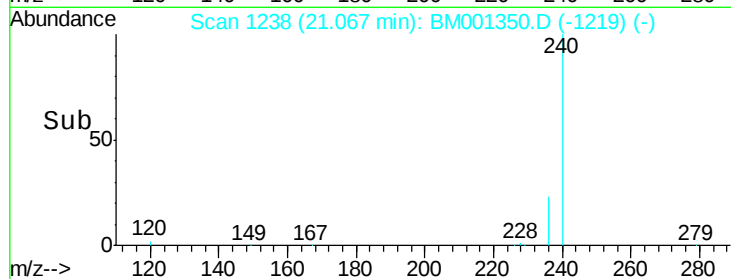
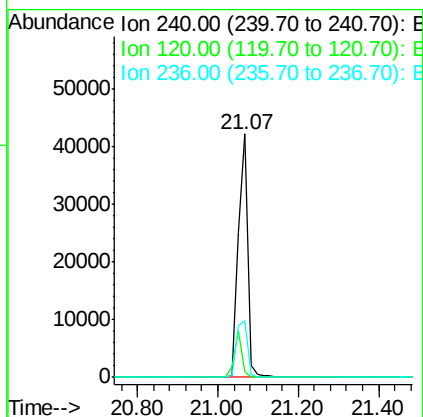
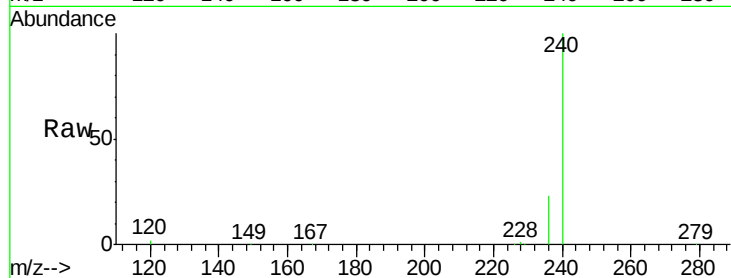




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

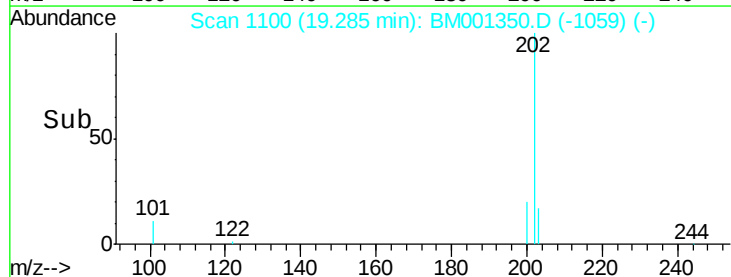
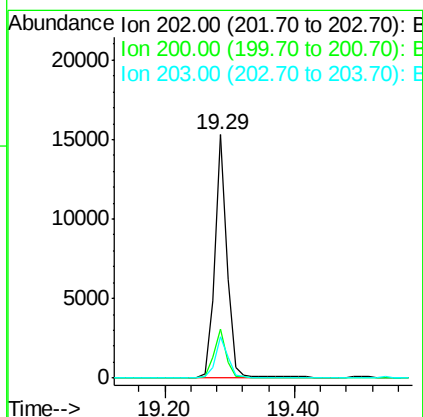
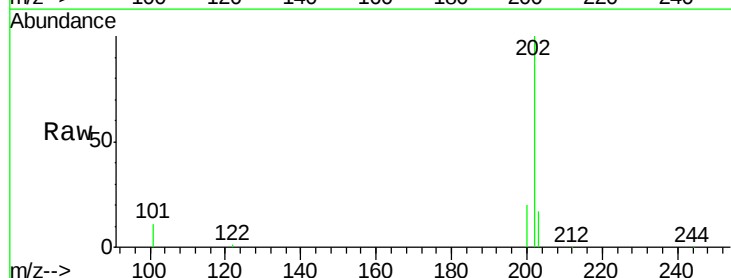
Instrument :
BNA_M
ClientSampleId :
SSTDICCC001

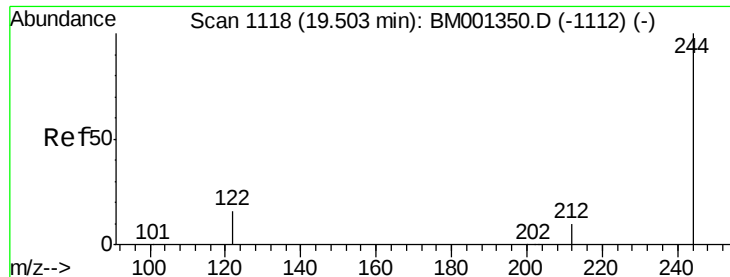
Tgt Ion:240 Resp: 66195
Ion Ratio Lower Upper
240 100
120 2.0 1.6 2.4
236 23.1 18.5 27.7



#26
Pyrene
Concen: 1.02 ng
RT: 19.29 min Scan# 1100
Delta R.T. 0.00 min
Lab File: BM001350.D
Acq: 21 May 2015 08:00

Tgt Ion:202 Resp: 19914
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.4
203 17.4 13.9 20.9





#27

Terphenyl-d14

Concen: 1.01 ng

RT: 19.50 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

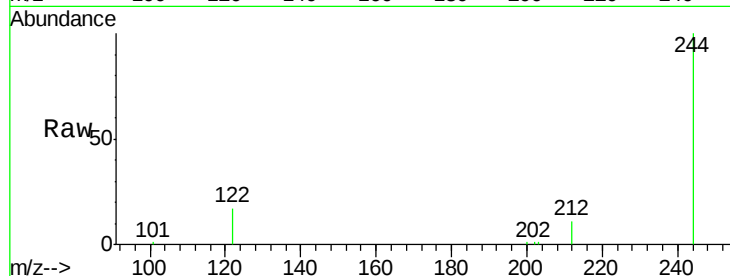
Tgt Ion:244 Resp: 8521

Ion Ratio Lower Upper

244 100

212 10.6 8.5 12.7

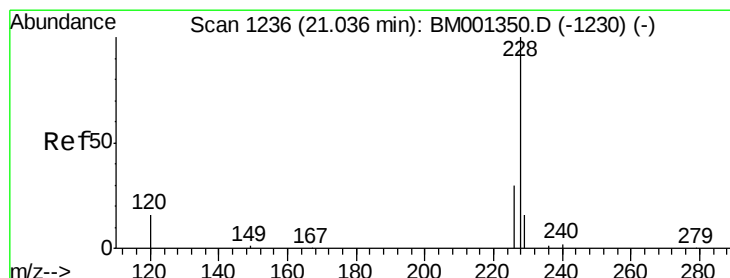
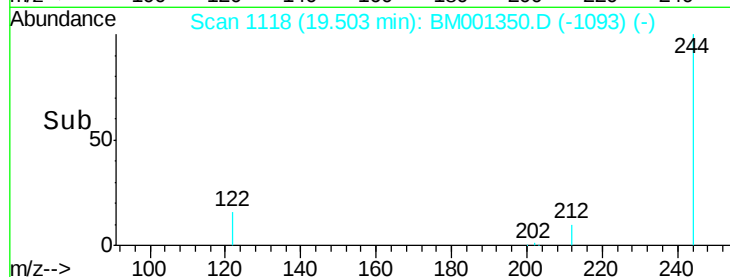
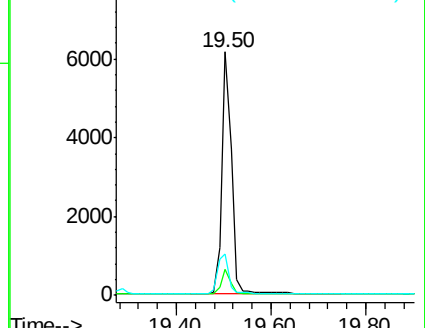
122 16.8 13.4 20.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 0.99 ng

RT: 21.04 min Scan# 1236

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

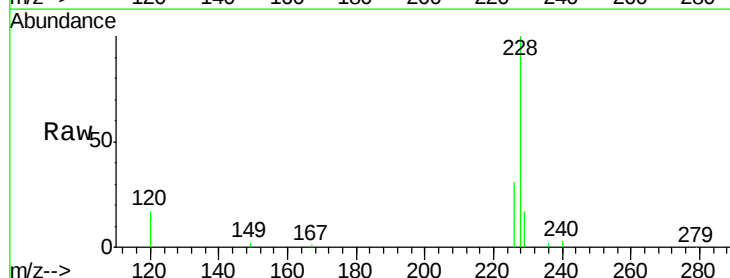
Tgt Ion:228 Resp: 17914

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

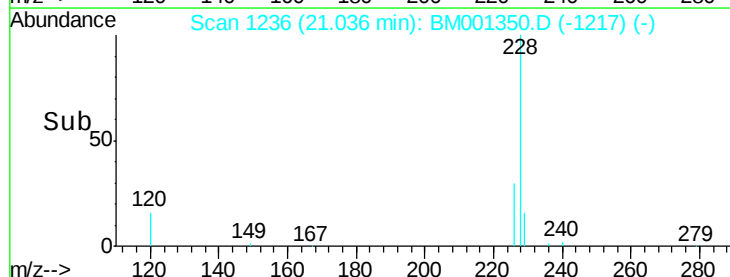
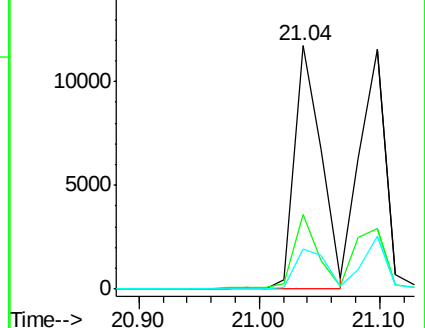
229 16.6 13.3 19.9

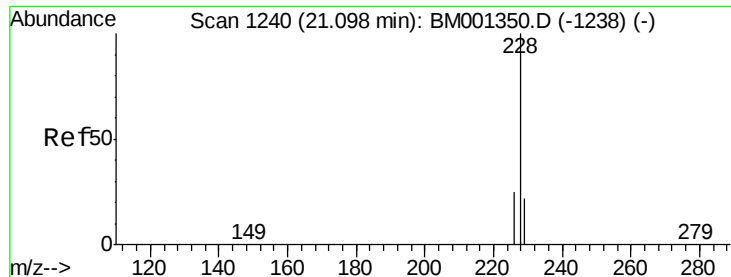


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 1.01 ng

RT: 21.10 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

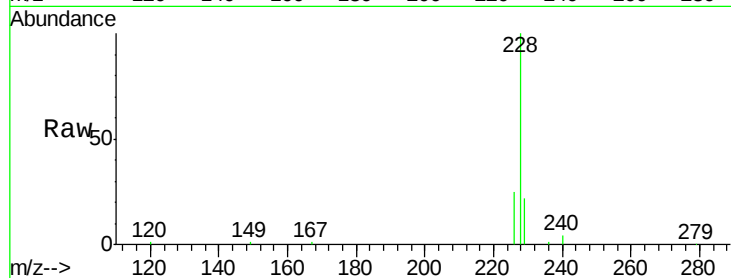
Tgt Ion:228 Resp: 17591

Ion Ratio Lower Upper

228 100

226 25.0 20.0 30.0

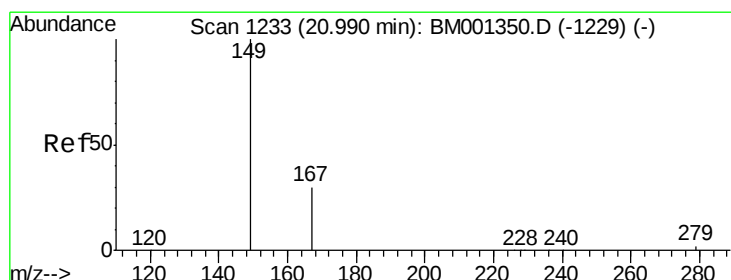
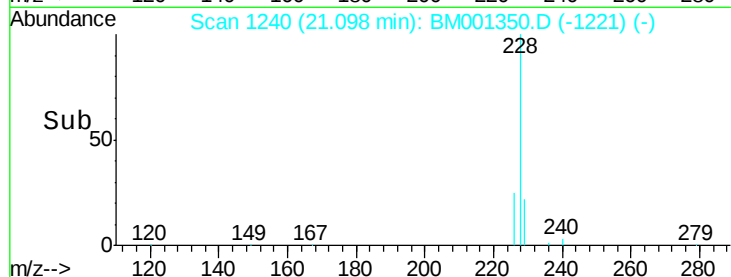
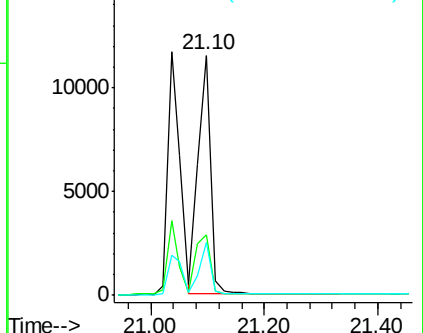
229 22.0 17.6 26.4



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: 0.82 ng

RT: 20.99 min Scan# 1233

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

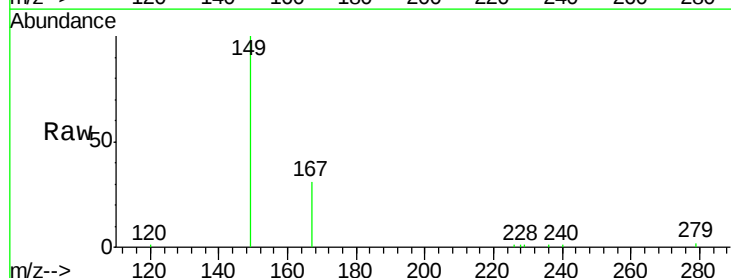
Tgt Ion:149 Resp: 8333

Ion Ratio Lower Upper

149 100

167 27.0 21.6 32.4

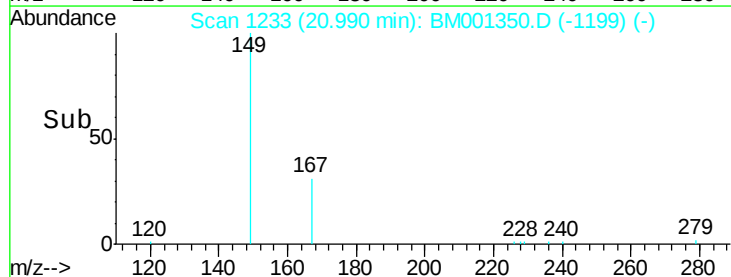
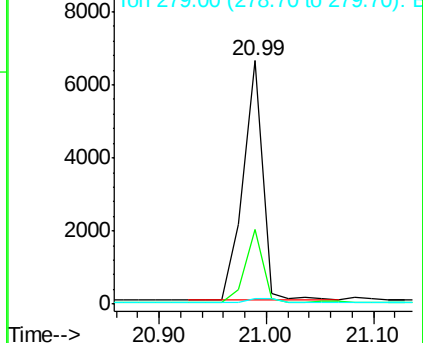
279 2.4 1.9 2.9

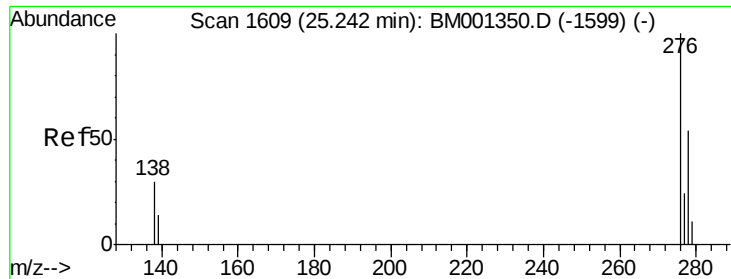


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.93 ng

RT: 25.24 min Scan# 1609

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

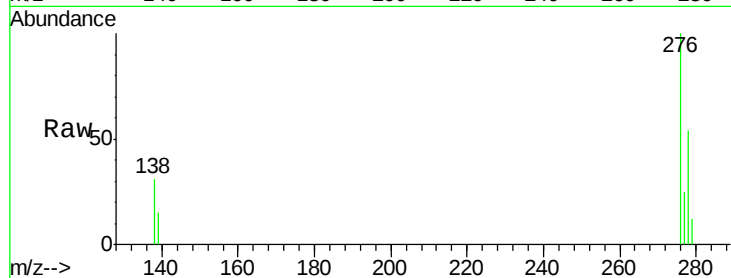
Tgt Ion:276 Resp: 18070

Ion Ratio Lower Upper

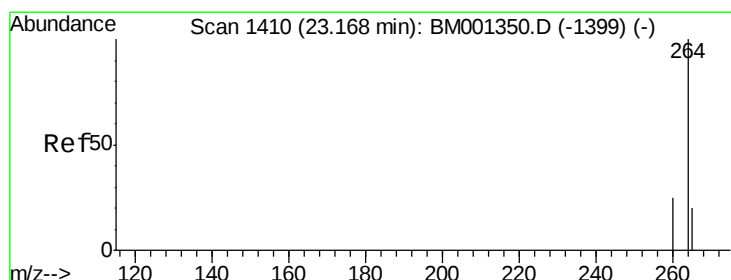
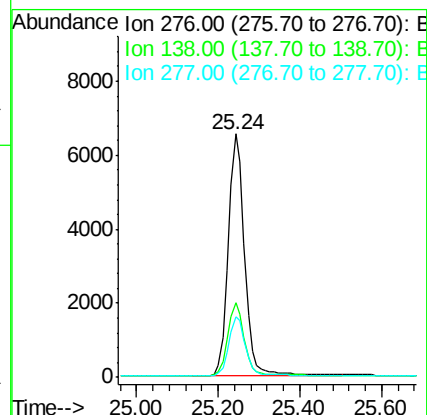
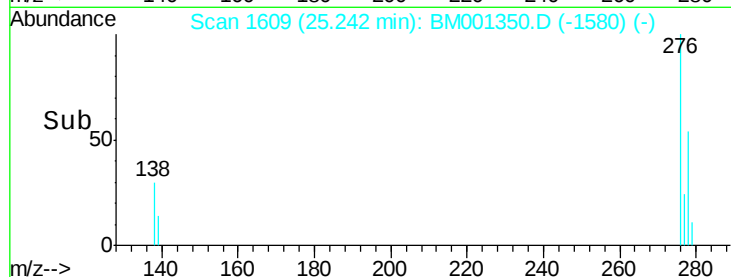
276 100

138 30.3 24.2 36.4

277 24.6 19.7 29.5



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.17 min Scan# 1410

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

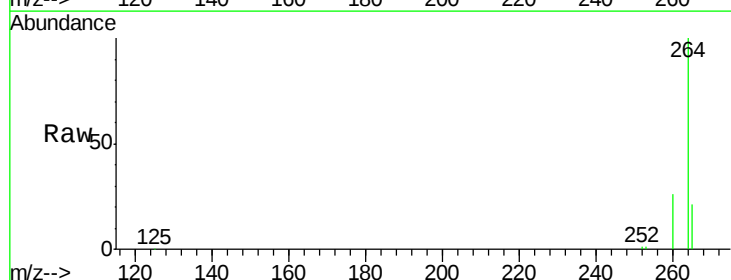
Tgt Ion:264 Resp: 60824

Ion Ratio Lower Upper

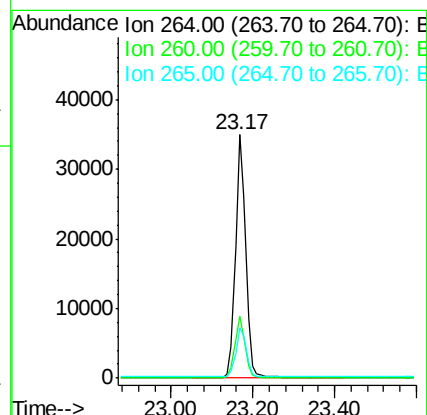
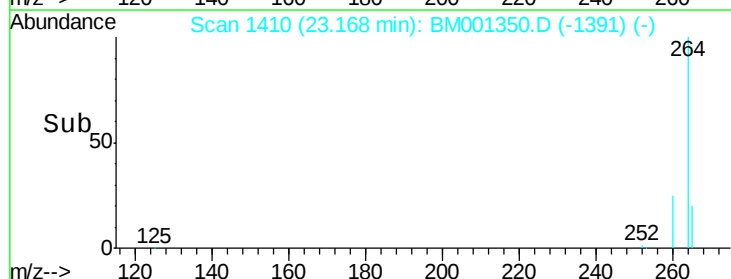
264 100

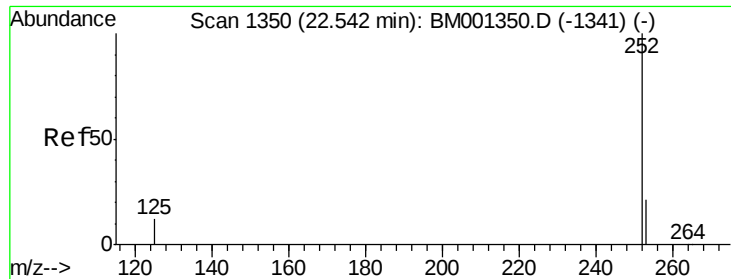
260 25.5 20.4 30.6

265 20.7 16.6 24.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.03 ng

RT: 22.54 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

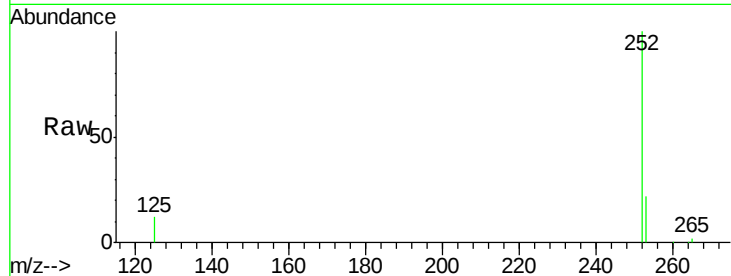
Tgt Ion:252 Resp: 18249

Ion Ratio Lower Upper

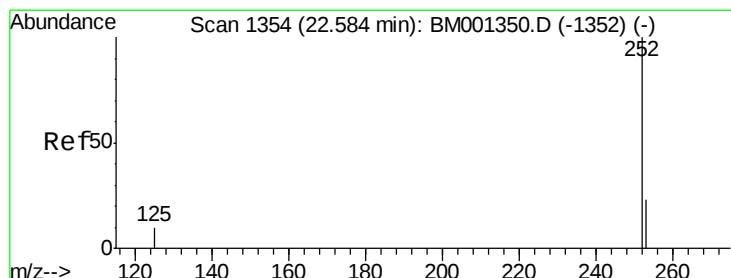
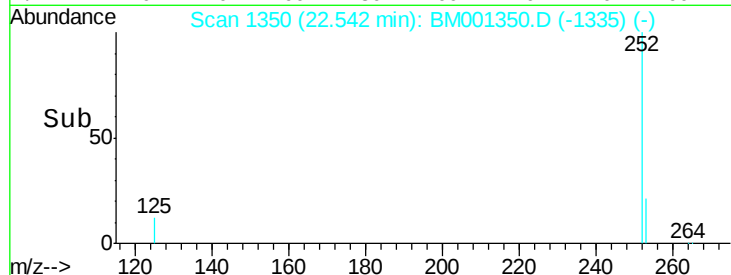
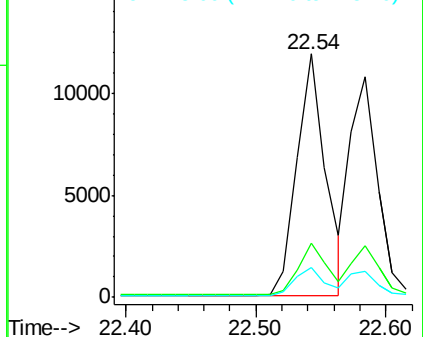
252 100

253 22.4 17.9 26.9

125 12.3 9.8 14.8



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

Benzo(k)fluoranthene

Concen: 0.97 ng

RT: 22.58 min Scan# 1354

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

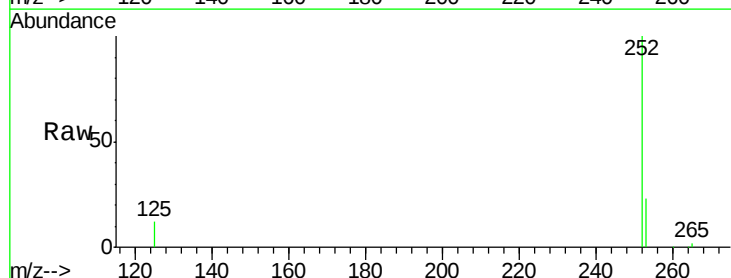
Tgt Ion:252 Resp: 16367

Ion Ratio Lower Upper

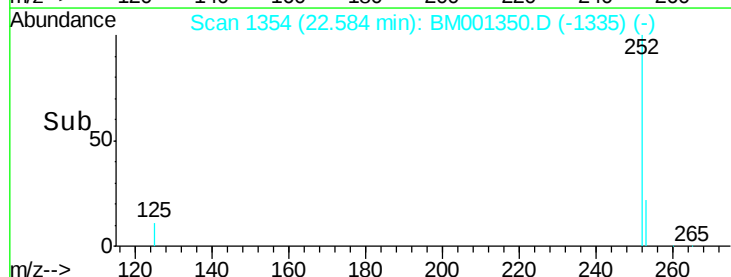
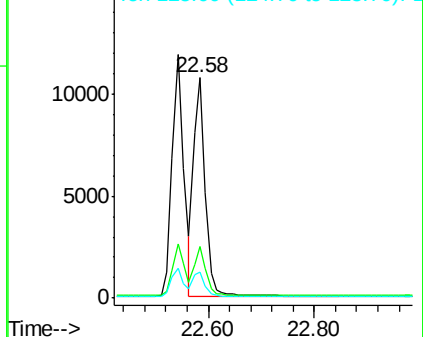
252 100

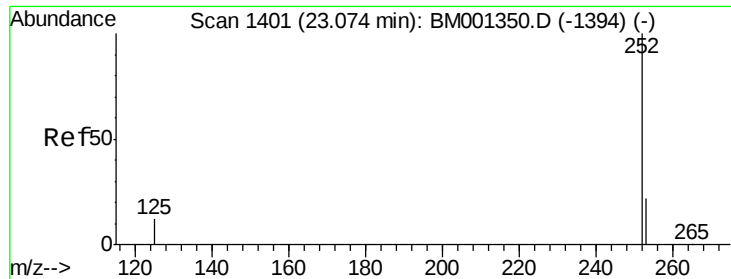
253 23.3 18.6 28.0

125 11.6 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





#35

Benzo(a)pyrene

Concen: 0.97 ng

RT: 23.07 min Scan# 1401

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001

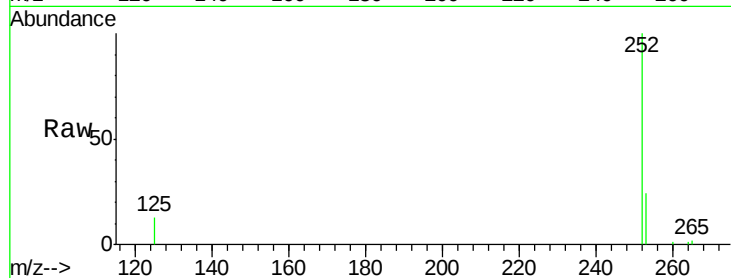
Tgt Ion: 252 Resp: 15260

Ion Ratio Lower Upper

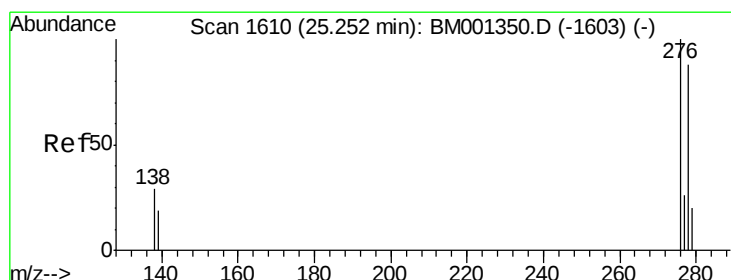
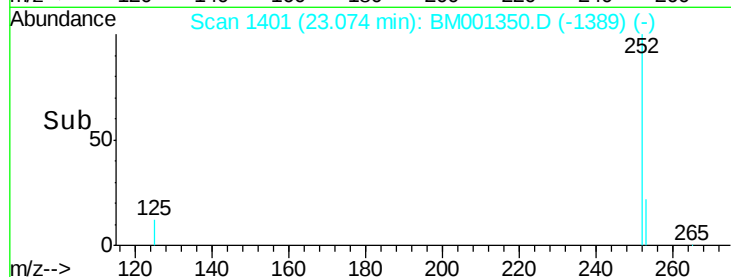
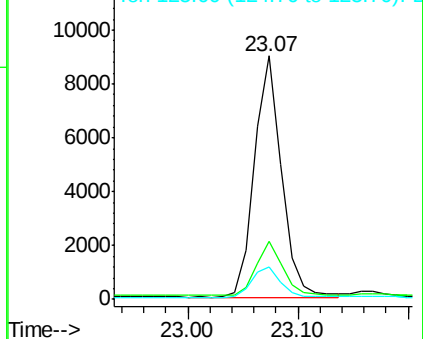
252 100

253 23.6 18.9 28.3

125 13.2 10.6 15.8



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



#36

Dibenzo(a,h)anthracene

Concen: 0.94 ng

RT: 25.25 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM001350.D

Acq: 21 May 2015 08:00

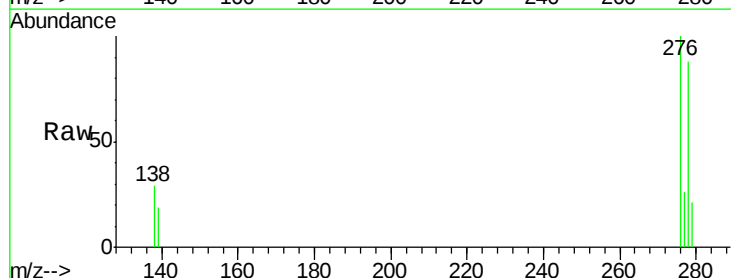
Tgt Ion: 278 Resp: 13958

Ion Ratio Lower Upper

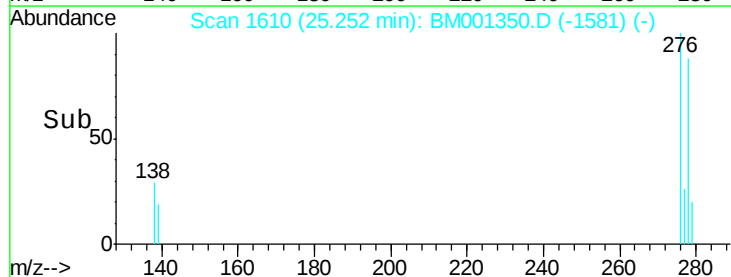
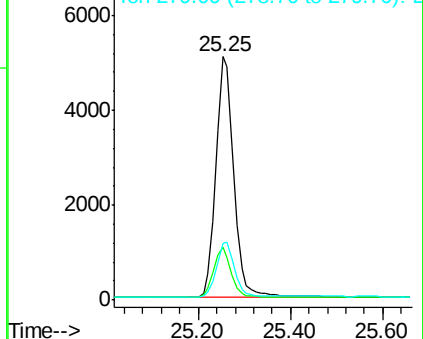
278 100

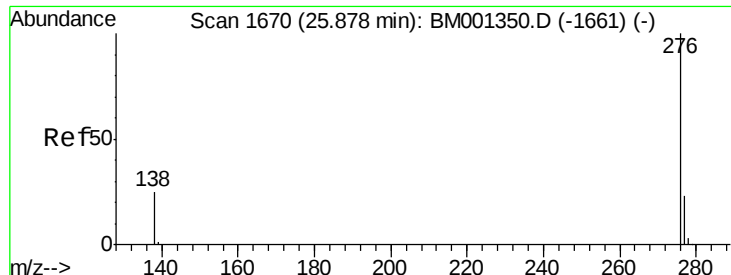
139 21.9 17.5 26.3

279 23.4 18.7 28.1



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





#37

Benzo(g,h,i)perylene

Concen: 0.95 ng

RT: 25.88 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM001350.D

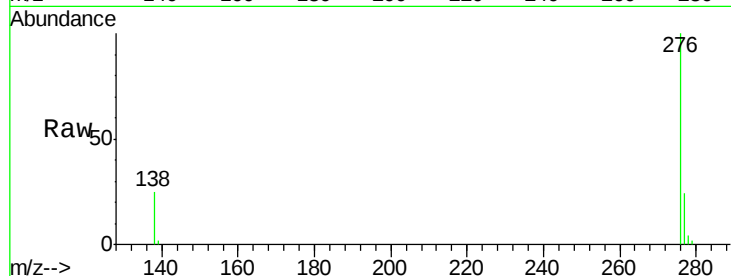
Acq: 21 May 2015 08:00

Instrument :

BNA_M

ClientSampleId :

SSTDICCC001



Tgt Ion: 276 Resp: 14931

Ion Ratio Lower Upper

276 100

277 24.0 19.2 28.8

138 25.3 20.2 30.4

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

