

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050515\
 Data File : BM001212.D
 Acq On : 05 May 2015 16:52
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: May 06 02:43:00 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 06 02:27:20 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	15159	5.00	ng	0.00
6) Naphthalene-d8	10.30	136	60591	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	37532	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	64436	5.00	ng	0.00
24) Chrysene-d12	21.14	240	80480	5.00	ng	0.00
30) Perylene-d12	23.29	264	65259	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.11	112	1601	0.54	ng	0.00
5) Phenol-d6	6.72	99	1995	0.54	ng	0.00
7) Nitrobenzene-d5	8.68	82	1607	0.47	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	904	0.61	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	5797	0.47	ng	0.00
26) Terphenyl-d14	19.59	244	5689	0.51	ng	0.00

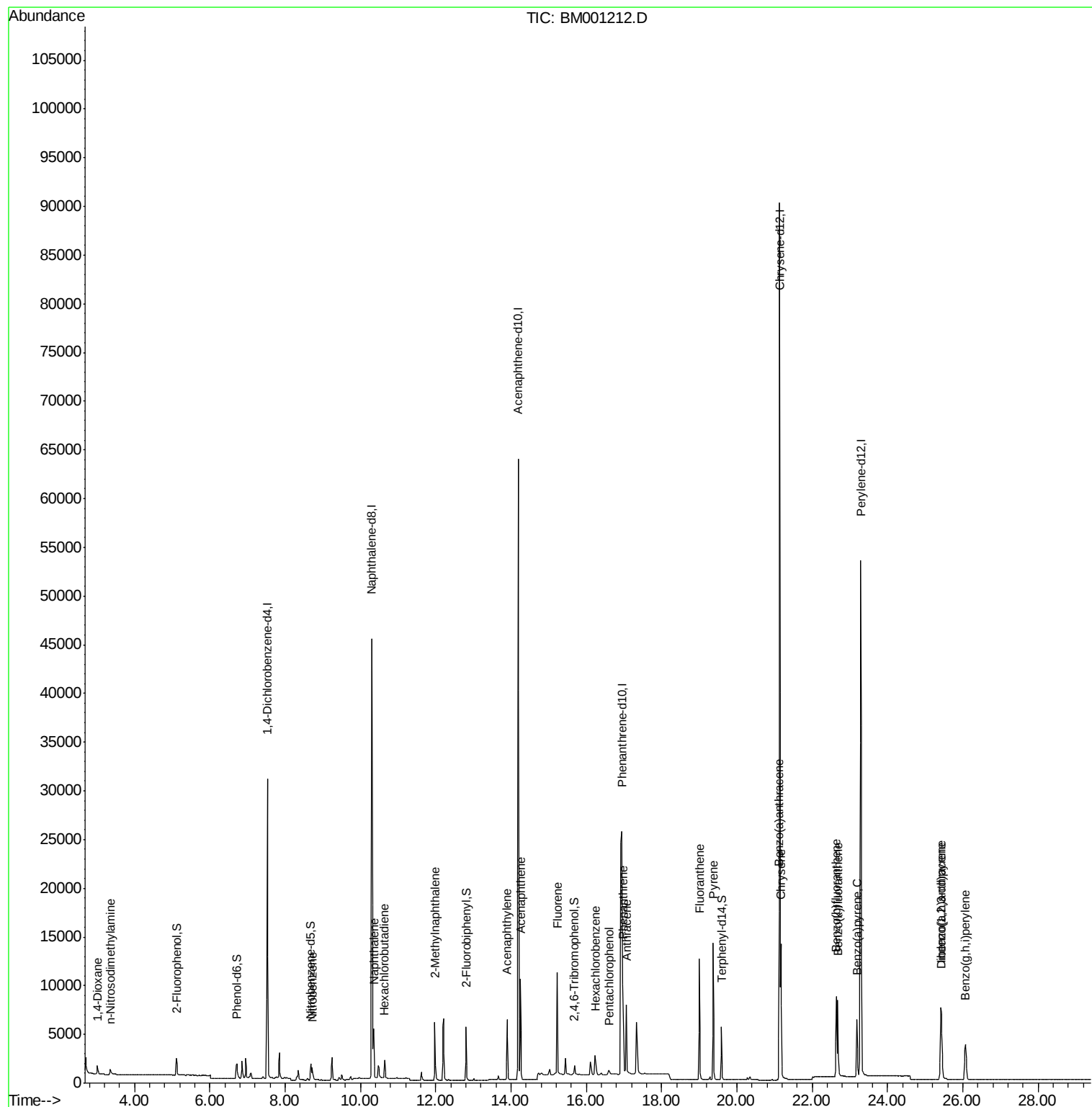
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	1078	0.59	ng	# 88
3) n-Nitrosodimethylamine	3.35	42	1066	0.59	ng	# 74
8) Nitrobenzene	8.72	77	1677	0.46	ng	98
9) Naphthalene	10.35	128	6646	0.50	ng	99
10) Hexachlorobutadiene	10.64	225	1320	0.51	ng	97
11) 2-Methylnaphthalene	11.98	142	4629	0.50	ng	99
15) Acenaphthylene	13.90	152	7699	0.47	ng	100
16) Acenaphthene	14.25	154	5119	0.46	ng	99
17) Fluorene	15.23	166	8350	0.61	ng	98
19) Hexachlorobenzene	16.24	284	1642	0.47	ng	98
20) Pentachlorophenol	16.61	266	426	0.46	ng	95
21) Phenanthrene	16.98	178	12945	0.71	ng	99
22) Anthracene	17.07	178	10475	0.71	ng	100
23) Fluoranthene	19.01	202	11950	0.66	ng	100
25) Pyrene	19.37	202	12660	0.50	ng	100
27) Benzo(a)anthracene	21.12	228	11304	0.50	ng	97
28) Chrysene	21.17	228	11132	0.50	ng	98
29) Indeno(1,2,3-cd)pyrene	25.43	276	8910	0.45	ng	100
31) Benzo(b)fluoranthene	22.64	252	9907	0.50	ng	98
32) Benzo(k)fluoranthene	22.68	252	9925	0.52	ng	97
33) Benzo(a)pyrene	23.19	252	8471	0.50	ng	97
34) Dibenzo(a,h)anthracene	25.44	278	6929	0.47	ng	97
35) Benzo(g,h,i)perylene	26.07	276	7287	0.47	ng	98

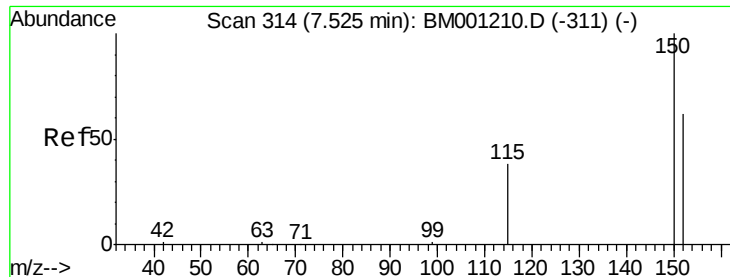
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050515\
Data File : BM001212.D
Acq On : 05 May 2015 16:52
Operator : TP/IZ
Sample : SSTDIC0.5
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Quant Time: May 06 02:43:00 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 06 02:27:20 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.53 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

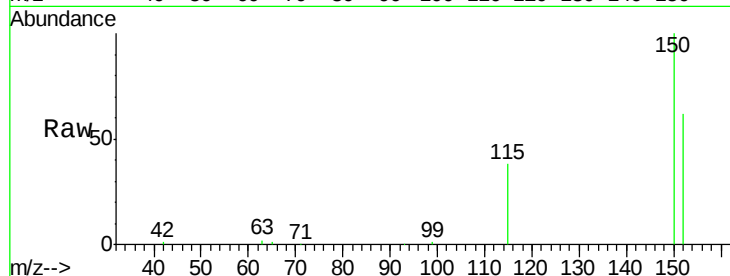
Tgt Ion:152 Resp: 15159

Ion Ratio Lower Upper

152 100

150 160.9 129.4 194.0

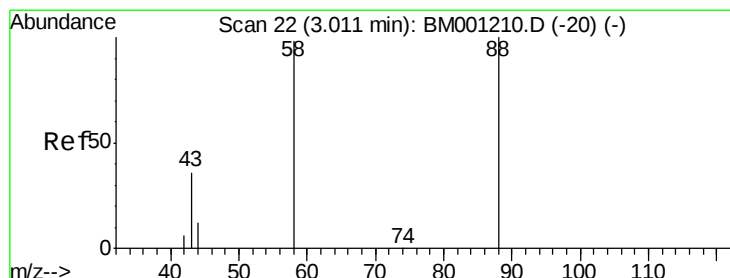
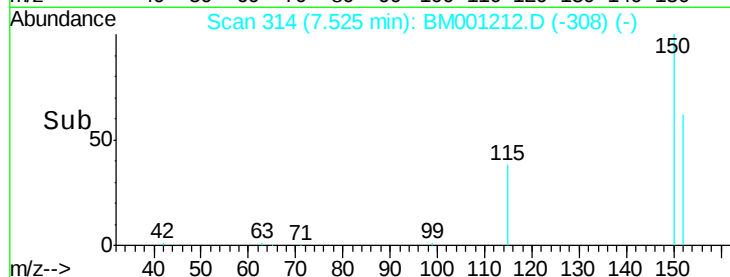
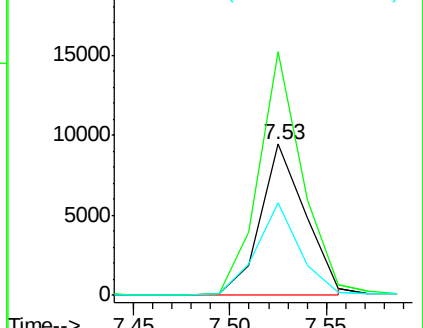
115 60.8 49.5 74.3



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: 0.59 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

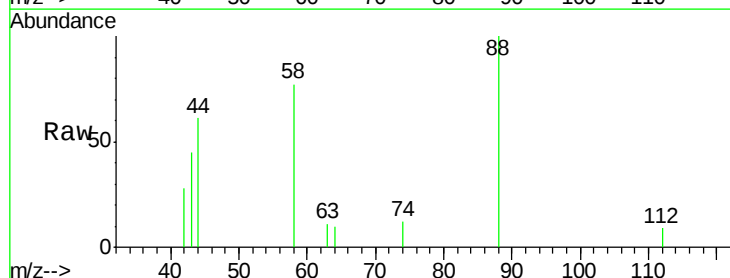
Tgt Ion: 88 Resp: 1078

Ion Ratio Lower Upper

88 100

58 47.7 47.8 71.6#

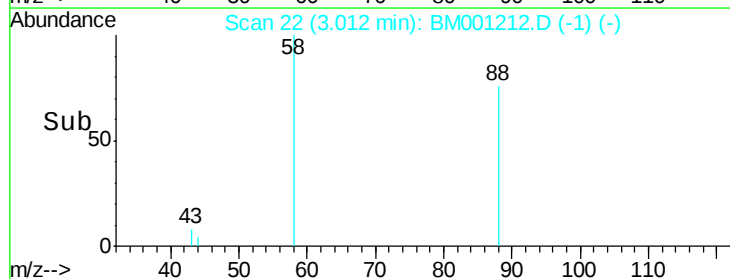
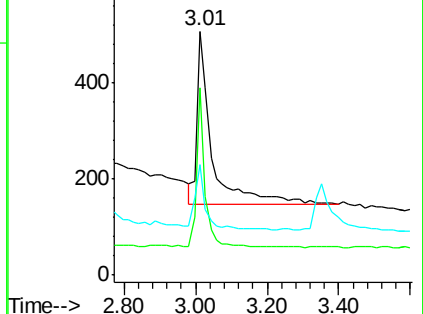
43 27.4 23.2 34.8

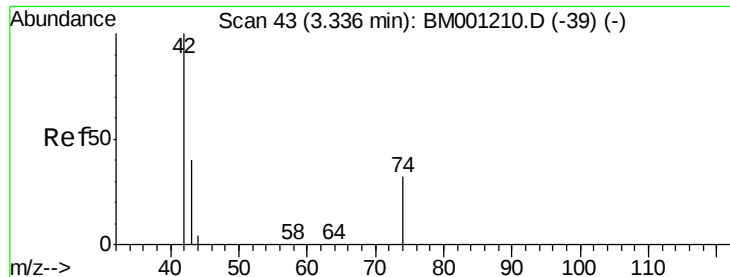


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.59 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

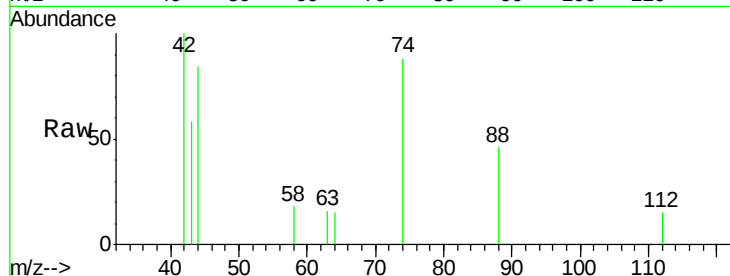
Tgt Ion: 42 Resp: 1066

Ion Ratio Lower Upper

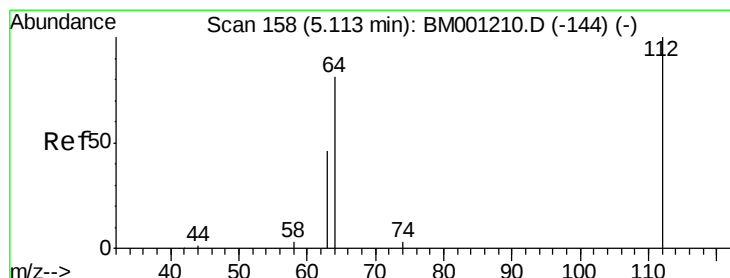
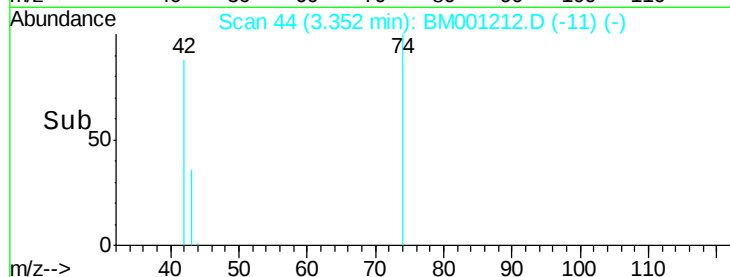
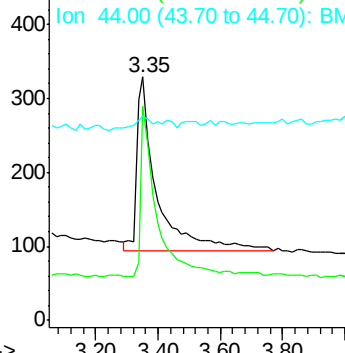
42 100

74 77.3 84.5 126.7#

44 8.4 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BM001212.D (-39) (-)



#4

2-Fluorophenol

Concen: 0.54 ng

RT: 5.11 min Scan# 158

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

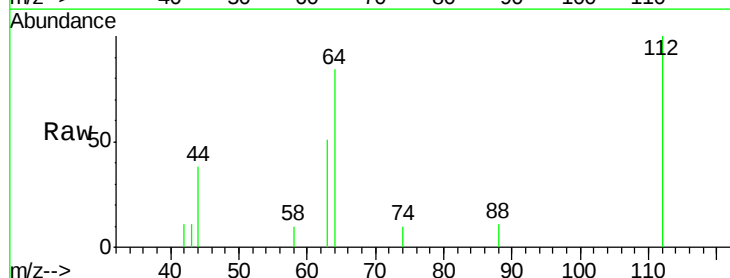
Tgt Ion: 112 Resp: 1601

Ion Ratio Lower Upper

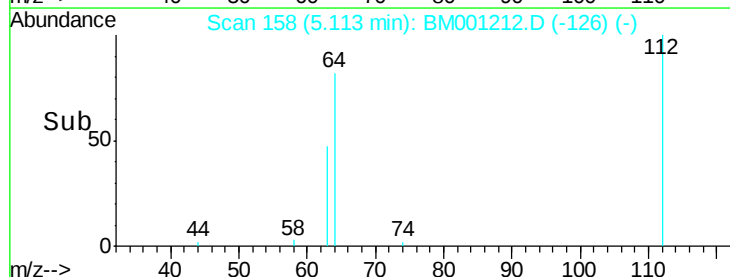
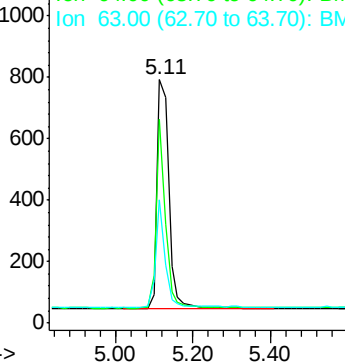
112 100

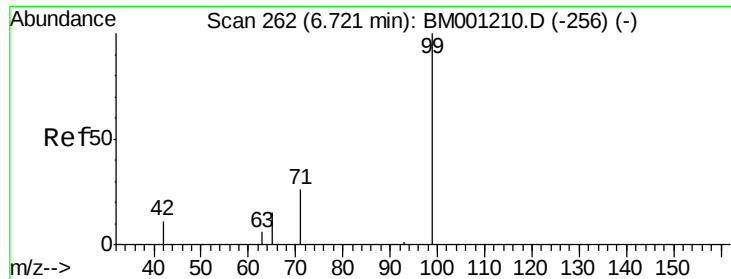
64 65.0 51.0 76.4

63 35.6 28.8 43.2



Abundance Ion 112.00 (111.70 to 112.70): BM001212.D (-144) (-)





#5

Phenol-d6

Concen: 0.54 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

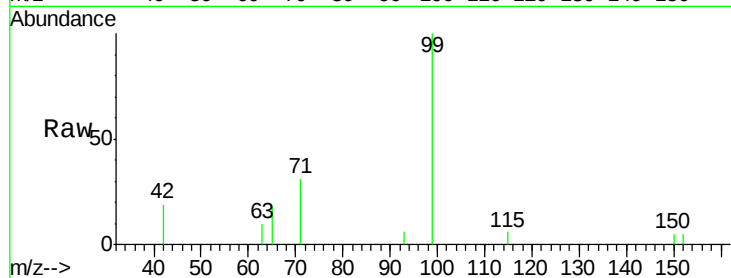
Tgt Ion: 99 Resp: 1995

Ion Ratio Lower Upper

99 100

42 26.0 19.9 29.9

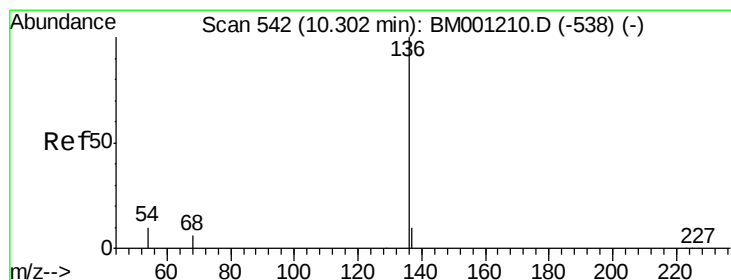
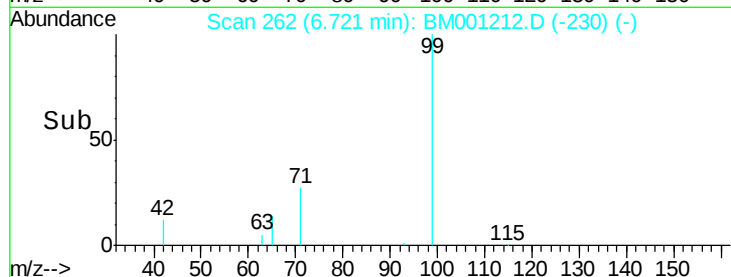
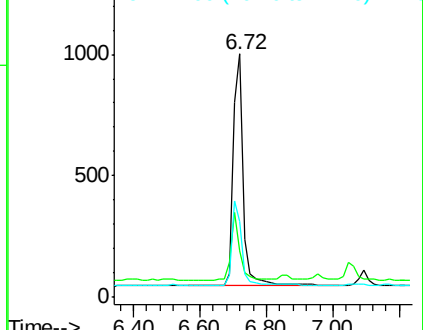
71 35.3 27.8 41.6



Abundance Ion 99.00 (98.70 to 99.70): BM001212.D (-230) (-)

Ion 42.00 (41.70 to 42.70): BM001212.D (-230) (-)

Ion 71.00 (70.70 to 71.70): BM001212.D (-230) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.30 min Scan# 542

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

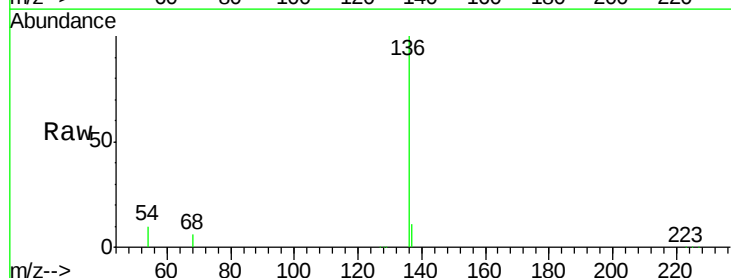
Tgt Ion: 136 Resp: 60591

Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

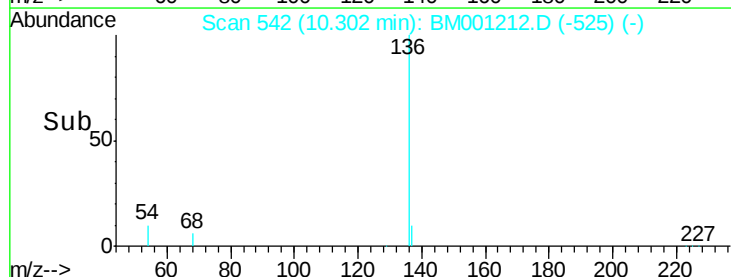
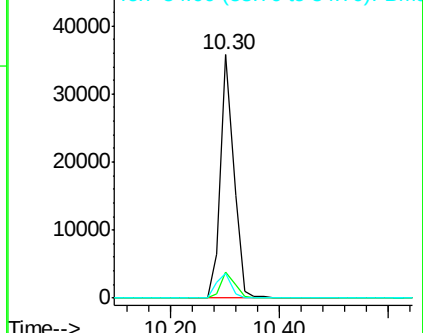
54 10.1 8.3 12.5

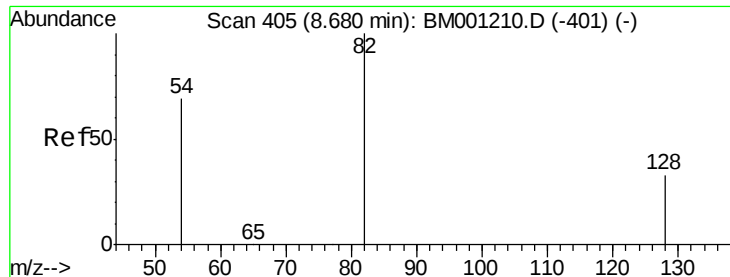


Abundance Ion 136.00 (135.70 to 136.70): BM001212.D (-525) (-)

Ion 137.00 (136.70 to 137.70): BM001212.D (-525) (-)

Ion 54.00 (53.70 to 54.70): BM001212.D (-525) (-)





#7

Nitrobenzene-d5

Concen: 0.47 ng

RT: 8.68 min Scan# 405

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

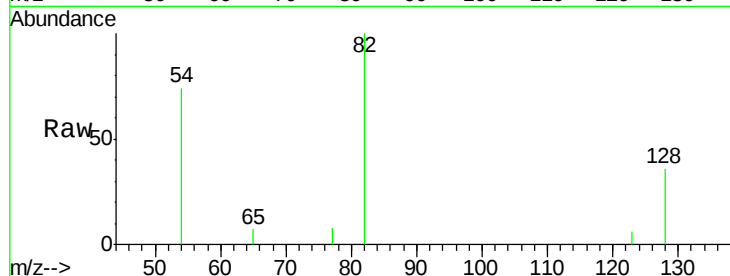
Tgt Ion: 82 Resp: 1607

Ion Ratio Lower Upper

82 100

128 36.5 27.8 41.6

54 73.7 56.0 84.0



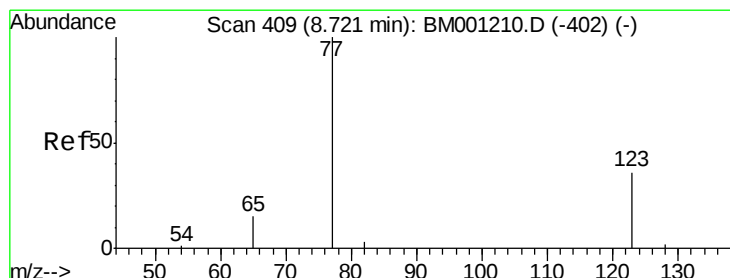
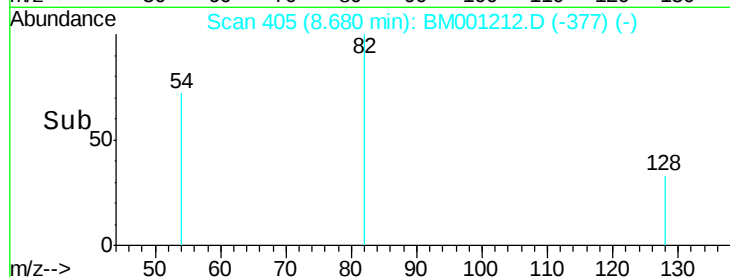
Abundance Ion 82.00 (81.70 to 82.70): BM001212.D (-377) (-)

Ion 128.00 (127.70 to 128.70): BM001212.D (-377) (-)

Ion 54.00 (53.70 to 54.70): BM001212.D (-377) (-)

8.68

Time-->



#8

Nitrobenzene

Concen: 0.46 ng

RT: 8.72 min Scan# 409

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

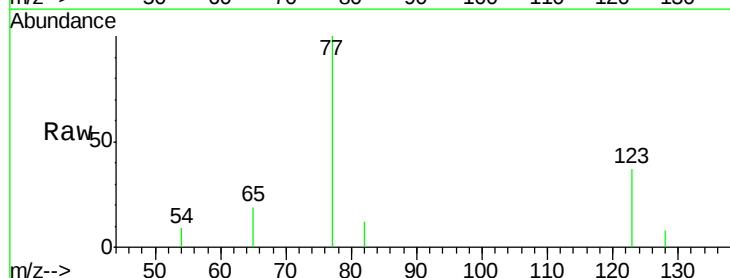
Tgt Ion: 77 Resp: 1677

Ion Ratio Lower Upper

77 100

123 41.2 33.9 50.9

65 13.8 11.4 17.2



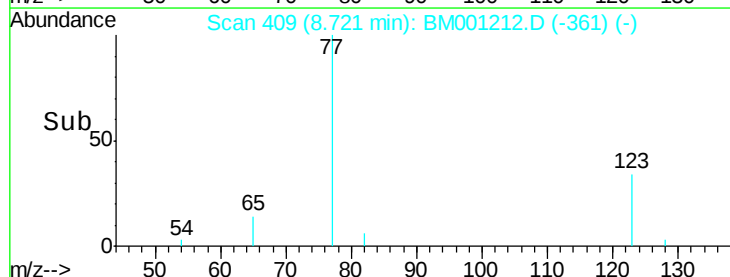
Abundance Ion 77.00 (76.70 to 77.70): BM001212.D (-361) (-)

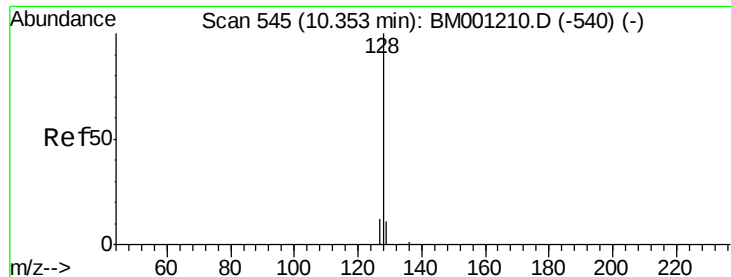
Ion 123.00 (122.70 to 123.70): BM001212.D (-361) (-)

Ion 65.00 (64.70 to 65.70): BM001212.D (-361) (-)

8.72

Time-->





#9

Naphthalene

Concen: 0.50 ng

RT: 10.35 min Scan# 545

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

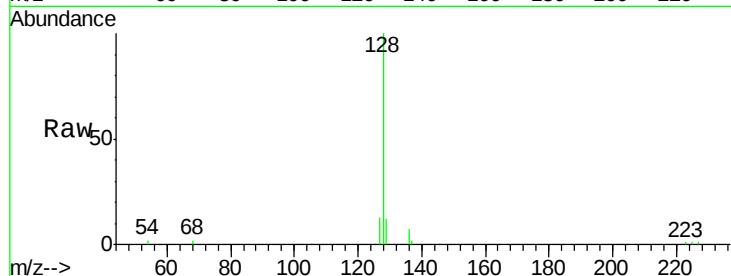
Tgt Ion:128 Resp: 6646

Ion Ratio Lower Upper

128 100

129 12.2 9.2 13.8

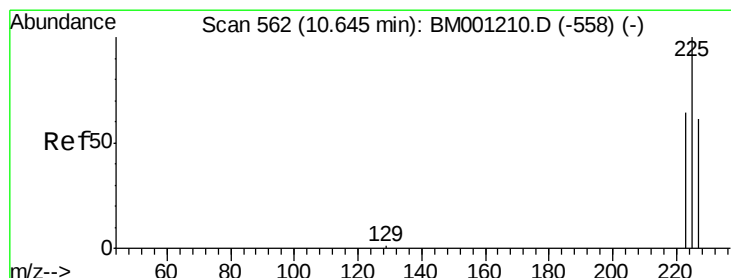
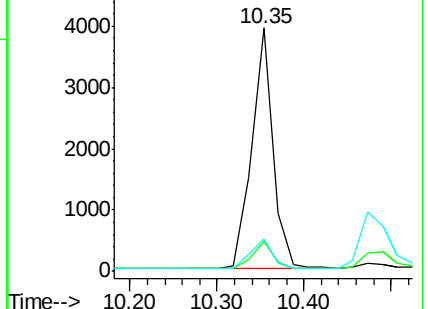
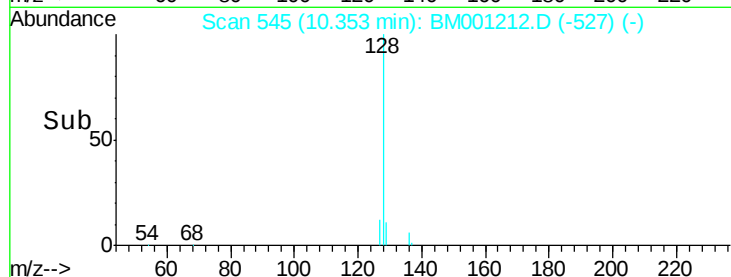
127 13.1 10.2 15.4



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: 0.51 ng

RT: 10.64 min Scan# 562

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

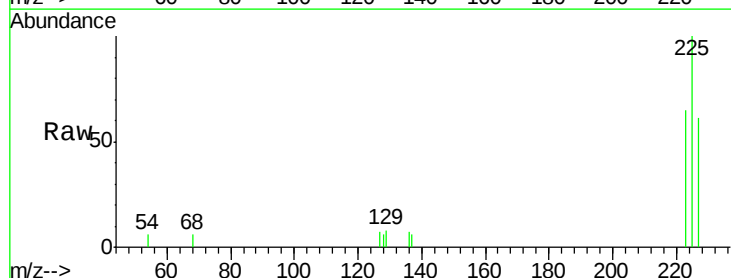
Tgt Ion:225 Resp: 1320

Ion Ratio Lower Upper

225 100

223 62.3 51.0 76.6

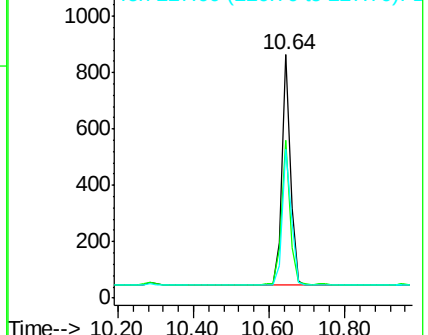
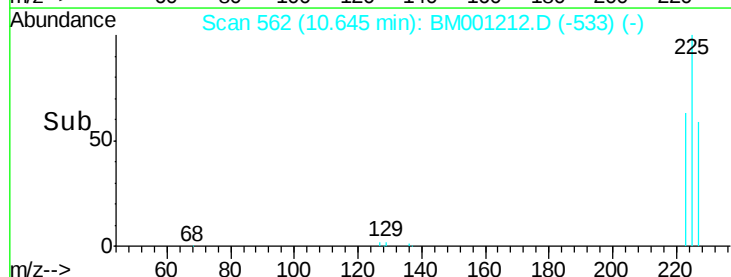
227 62.0 51.7 77.5

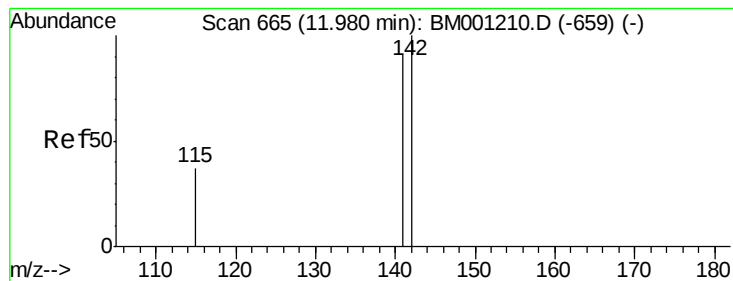


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.50 ng

RT: 11.98 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

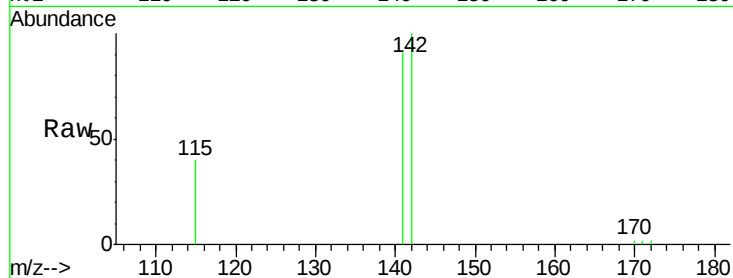
Tgt Ion:142 Resp: 4629

Ion Ratio Lower Upper

142 100

141 91.4 72.5 108.7

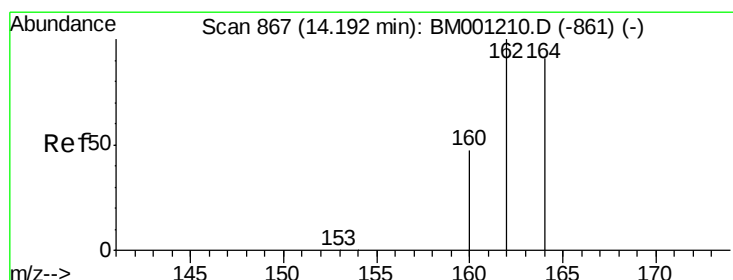
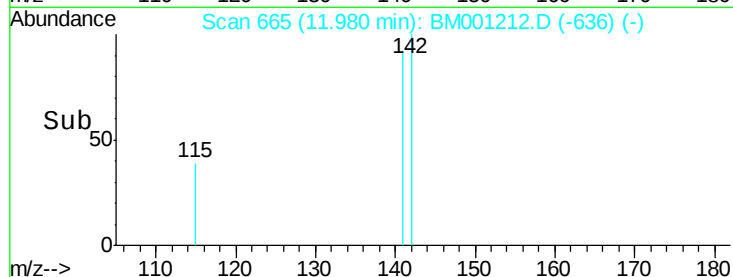
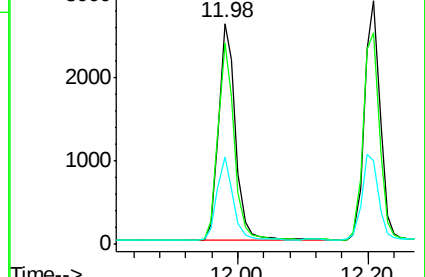
115 39.5 30.3 45.5



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: 14.19 min Scan# 867

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

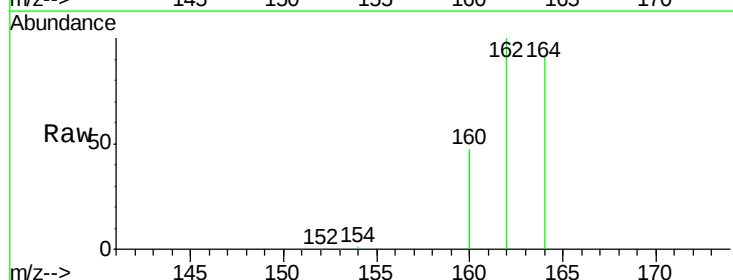
Tgt Ion:164 Resp: 37532

Ion Ratio Lower Upper

164 100

162 109.8 87.8 131.8

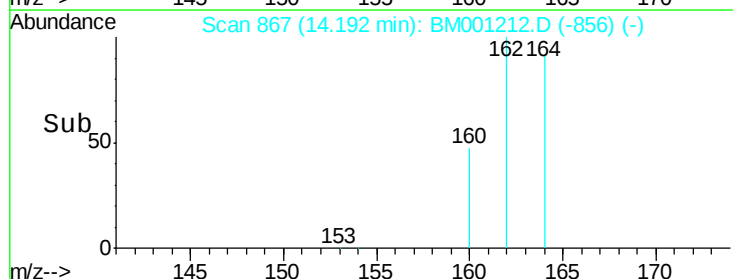
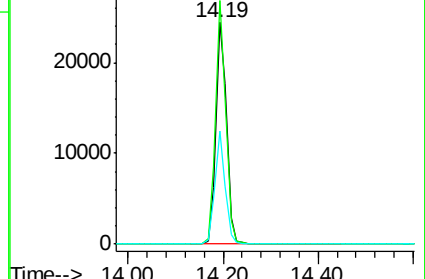
160 51.2 41.2 61.8

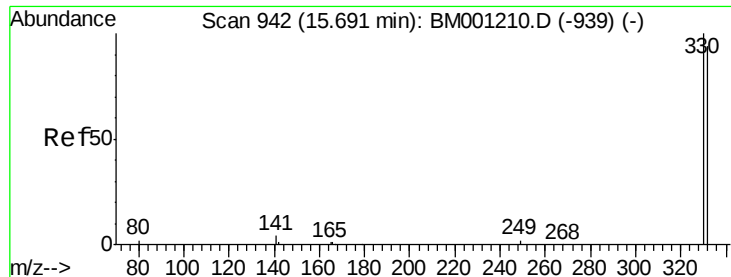


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

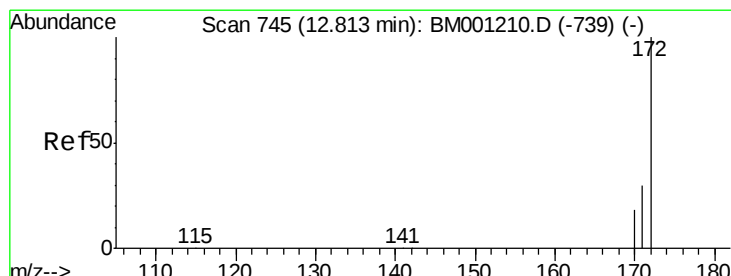
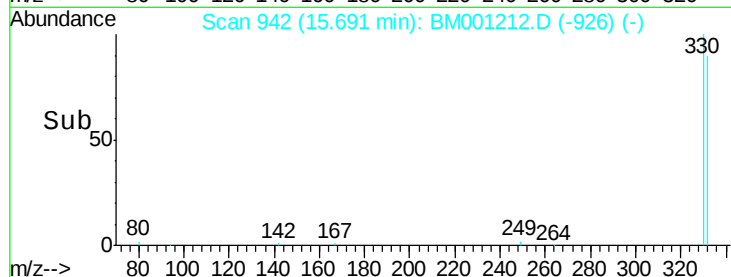
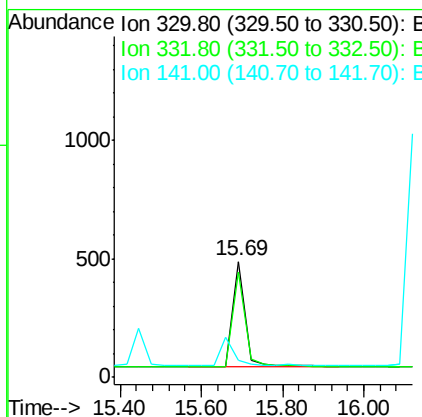
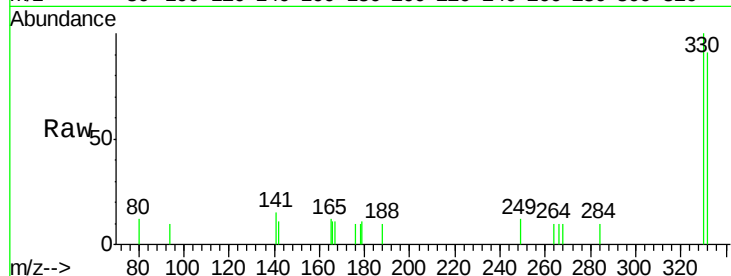




#13
 2,4,6-Tribromophenol
 Concen: 0.61 ng
 RT: 15.69 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001212.D
 Acq: 05 May 2015 16:52

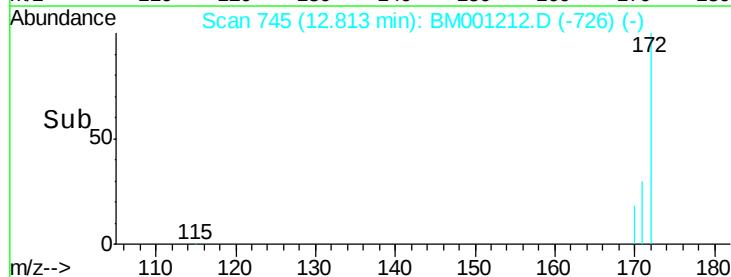
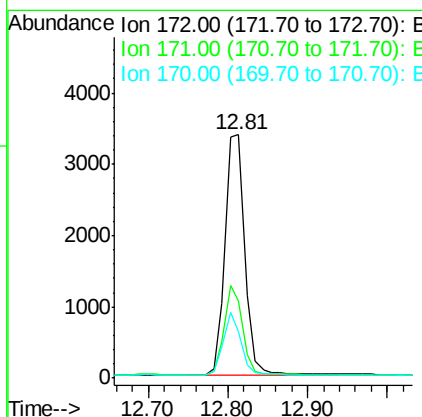
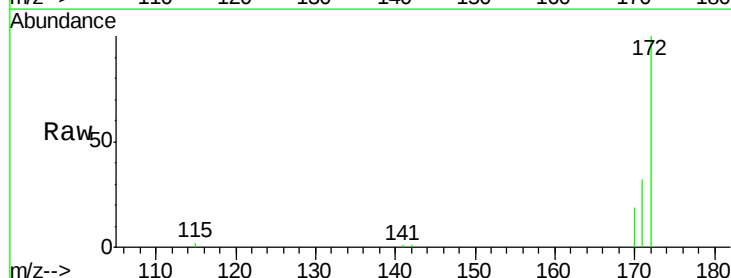
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

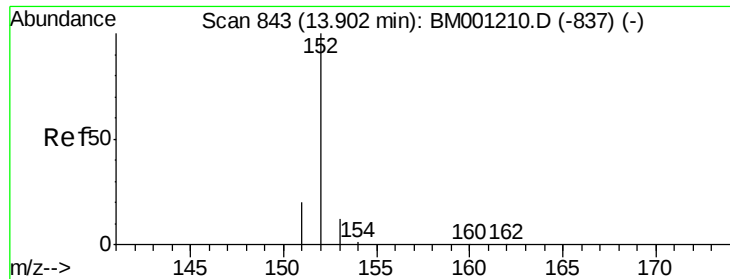
Tgt Ion: 330 Resp: 904
 Ion Ratio Lower Upper
 330 100
 332 90.8 75.4 113.2
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 0.47 ng
 RT: 12.81 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BM001212.D
 Acq: 05 May 2015 16:52

Tgt Ion: 172 Resp: 5797
 Ion Ratio Lower Upper
 172 100
 171 31.5 24.6 37.0
 170 19.1 14.5 21.7





#15

Acenaphthylene

Concen: 0.47 ng

RT: 13.90 min Scan# 843

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

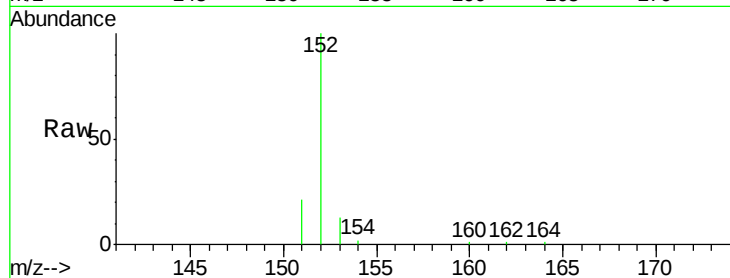
Tgt Ion:152 Resp: 7699

Ion Ratio Lower Upper

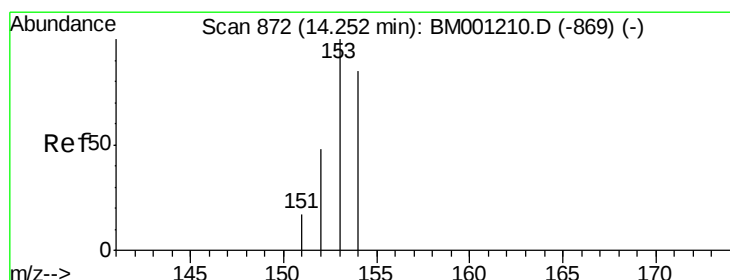
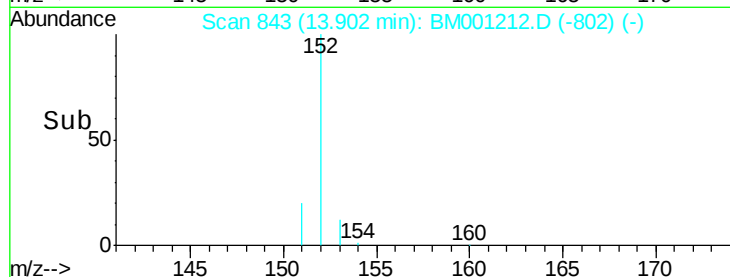
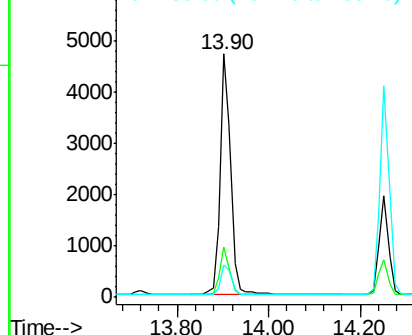
152 100

151 18.7 15.0 22.6

153 12.9 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: 0.46 ng

RT: 14.25 min Scan# 872

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

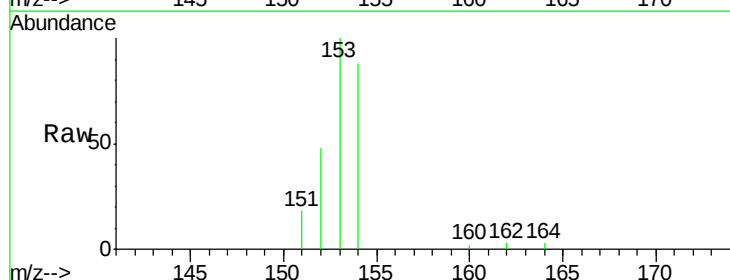
Tgt Ion:154 Resp: 5119

Ion Ratio Lower Upper

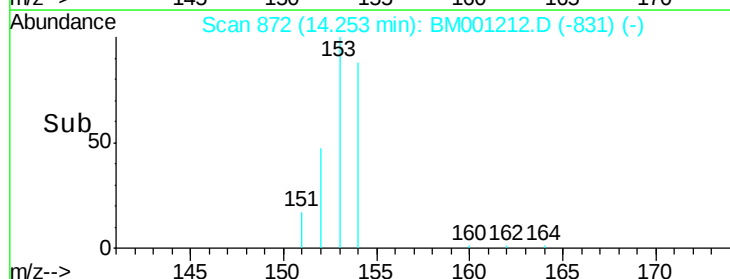
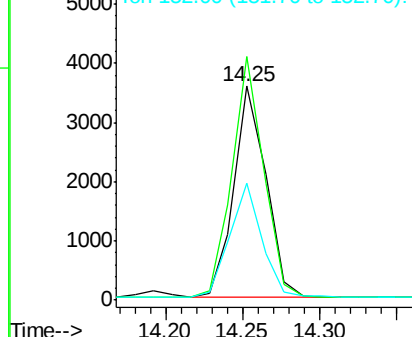
154 100

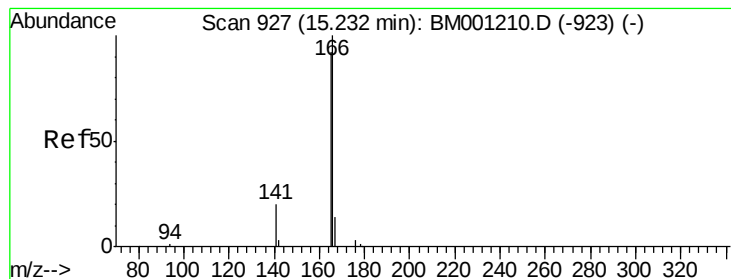
153 112.8 91.0 136.6

152 54.1 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.61 ng

RT: 15.23 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

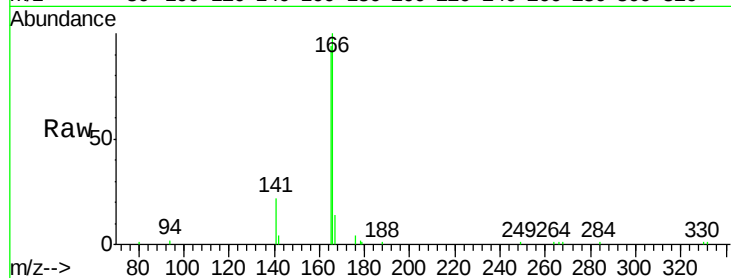
Tgt Ion:166 Resp: 8350

Ion Ratio Lower Upper

166 100

165 95.0 74.2 111.2

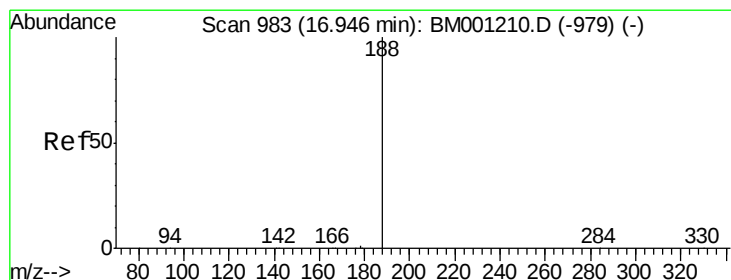
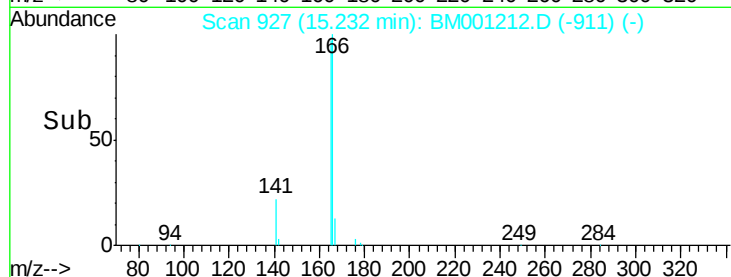
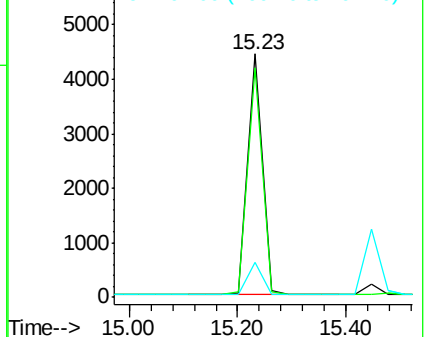
167 13.4 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.95 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

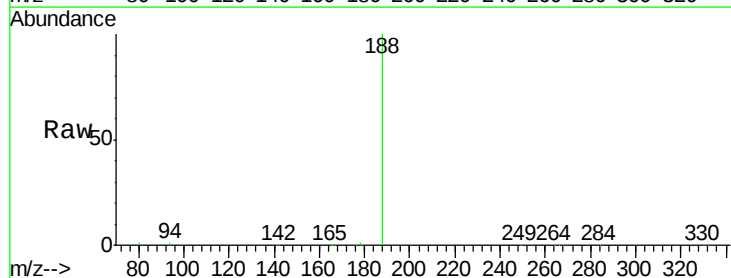
Tgt Ion:188 Resp: 64436

Ion Ratio Lower Upper

188 100

94 0.7 0.6 0.8

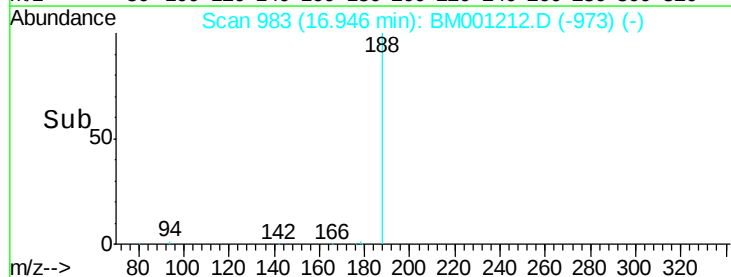
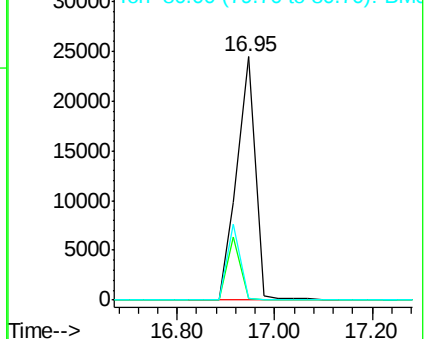
80 0.7 0.6 0.8

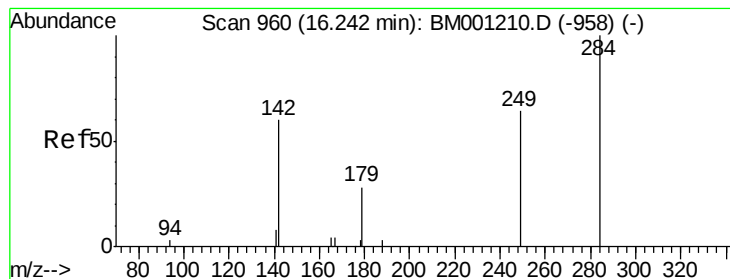


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

Hexachlorobenzene

Concen: 0.47 ng

RT: 16.24 min Scan# 960

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

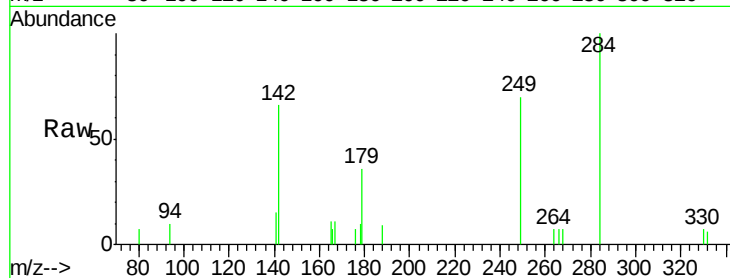
Tgt Ion:284 Resp: 1642

Ion Ratio Lower Upper

284 100

142 51.5 40.2 60.4

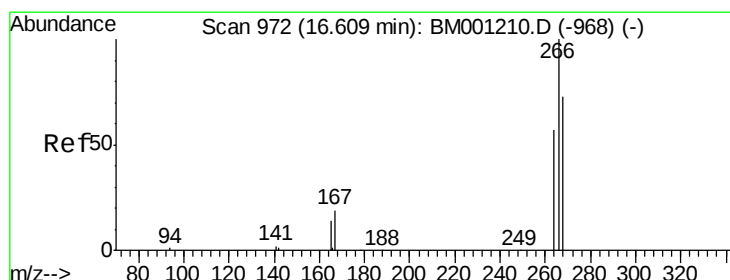
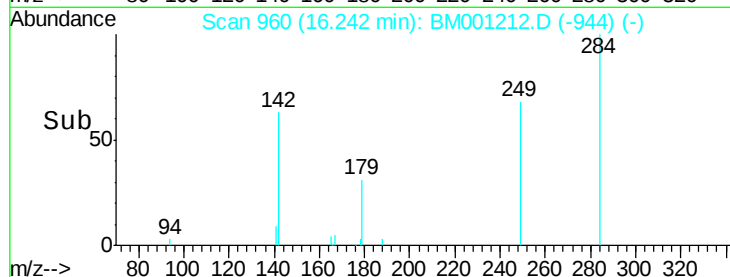
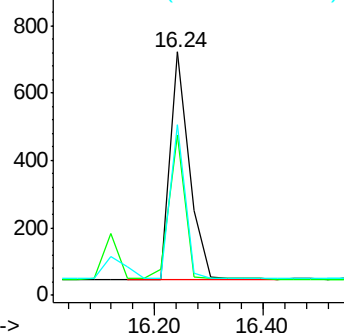
249 53.1 41.4 62.0



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: 0.46 ng

RT: 16.61 min Scan# 972

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

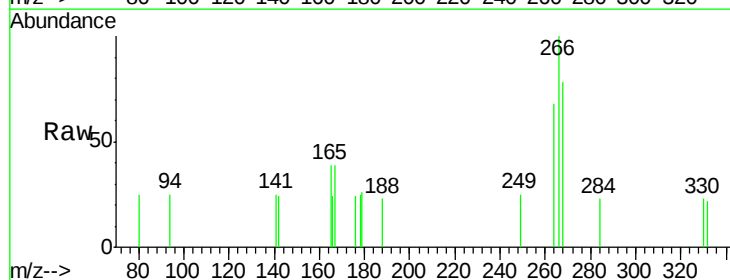
Tgt Ion:266 Resp: 426

Ion Ratio Lower Upper

266 100

268 77.9 60.8 91.2

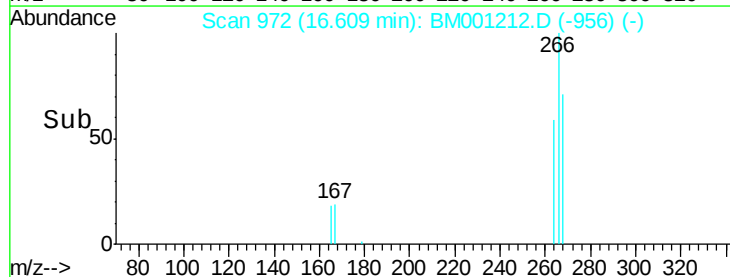
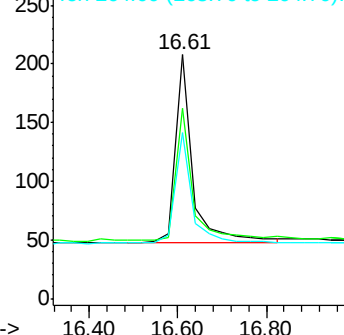
264 67.8 49.0 73.4

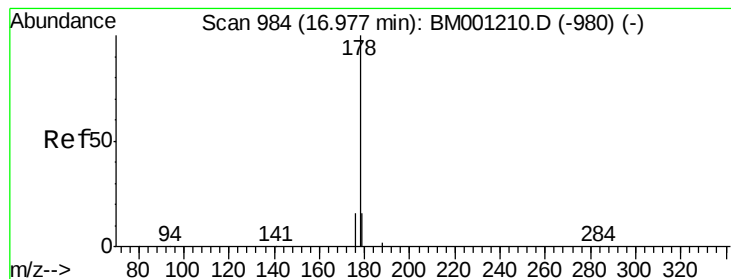


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.71 ng

RT: 16.98 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

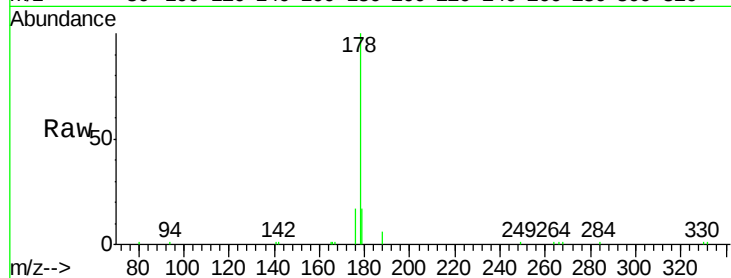
Tgt Ion:178 Resp: 12945

Ion Ratio Lower Upper

178 100

176 17.4 13.8 20.6

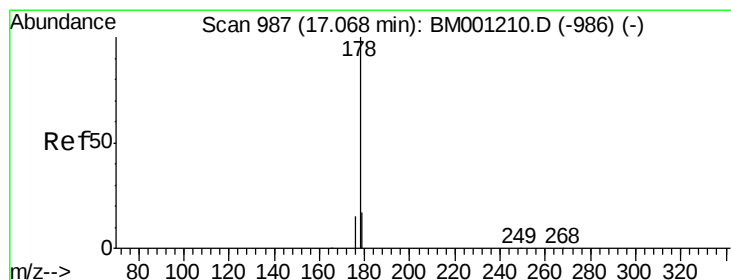
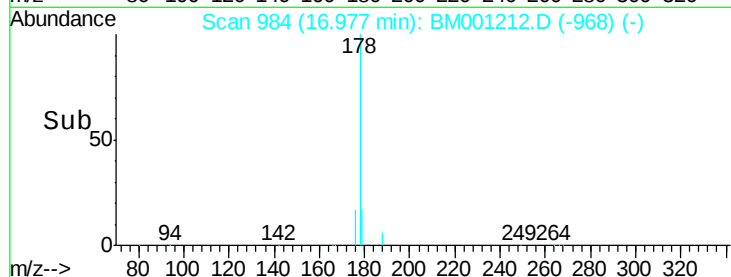
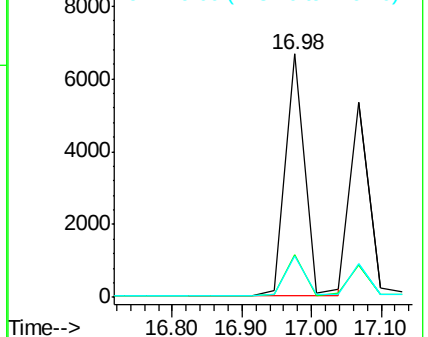
179 16.9 13.1 19.7



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: 0.71 ng

RT: 17.07 min Scan# 987

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

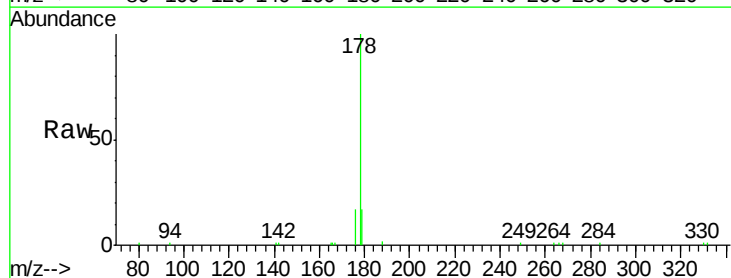
Tgt Ion:178 Resp: 10475

Ion Ratio Lower Upper

178 100

176 15.9 12.6 18.8

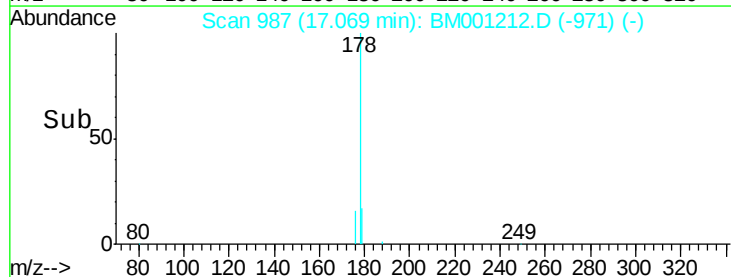
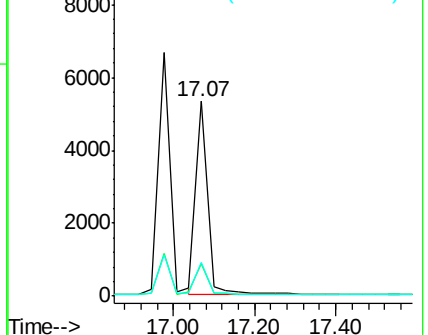
179 16.8 13.4 20.0

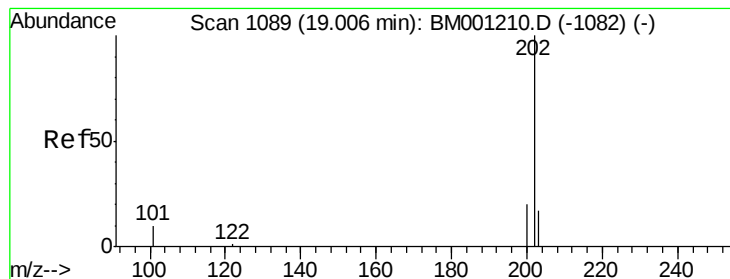


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.66 ng

RT: 19.01 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

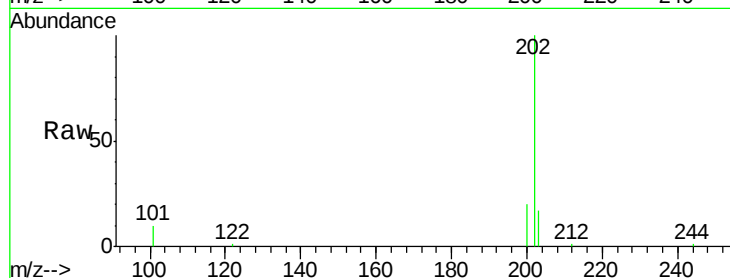
Tgt Ion:202 Resp: 11950

Ion Ratio Lower Upper

202 100

101 11.2 9.0 13.6

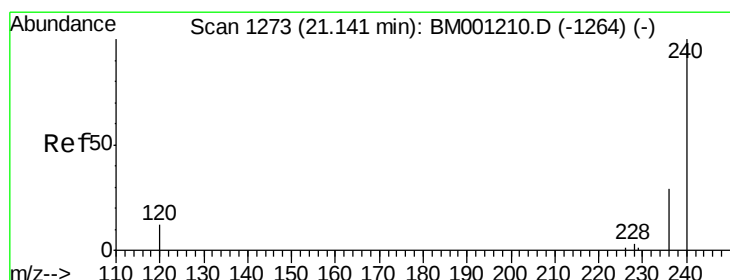
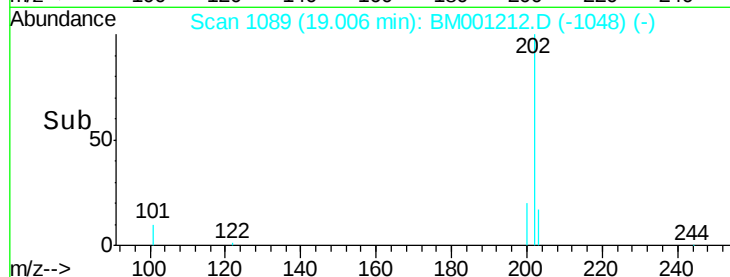
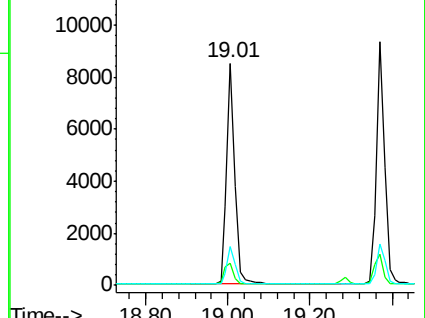
203 17.1 13.6 20.4



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: 21.14 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

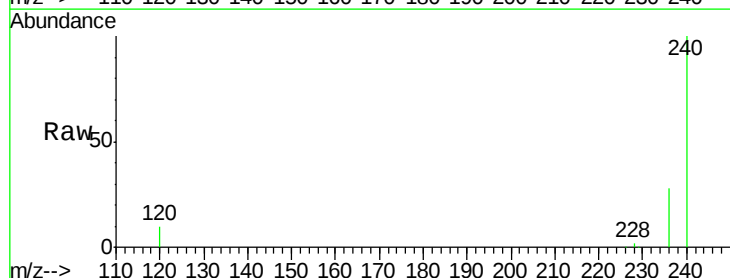
Tgt Ion:240 Resp: 80480

Ion Ratio Lower Upper

240 100

120 10.0 9.6 14.4

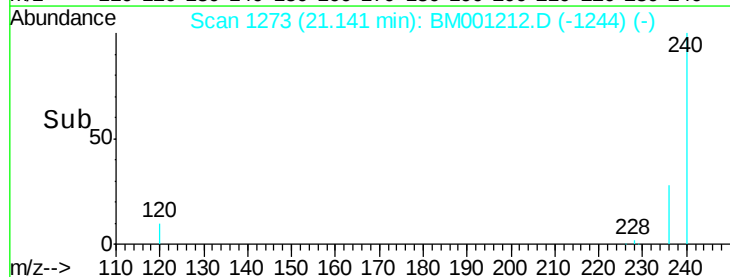
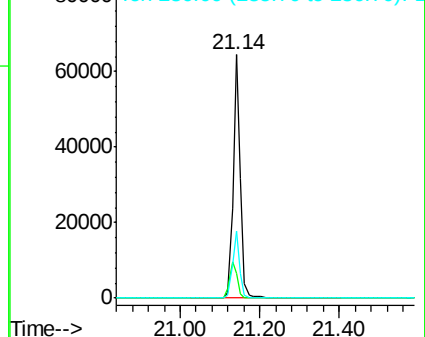
236 27.7 22.9 34.3

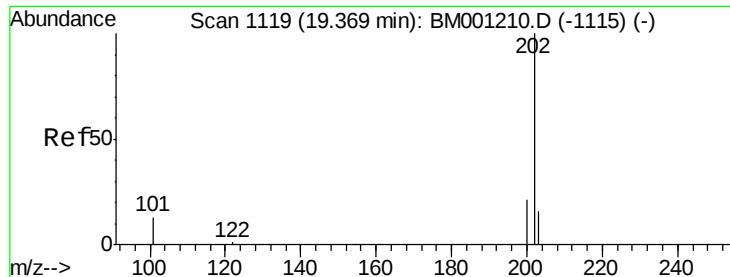


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.50 ng

RT: 19.37 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

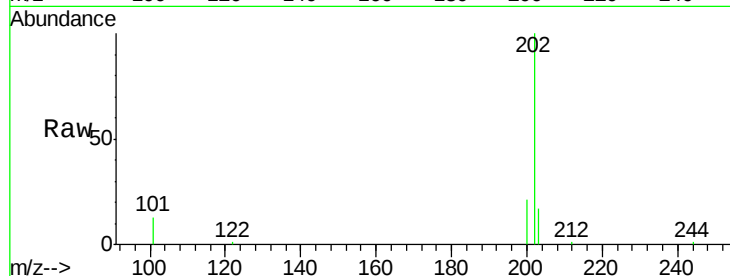
Tgt Ion:202 Resp: 12660

Ion Ratio Lower Upper

202 100

200 20.6 16.3 24.5

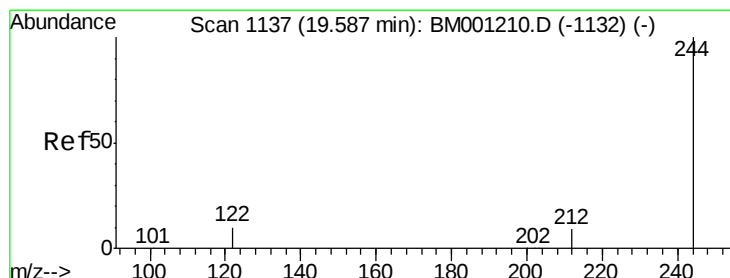
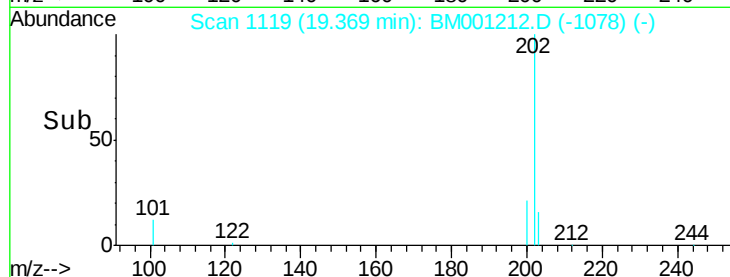
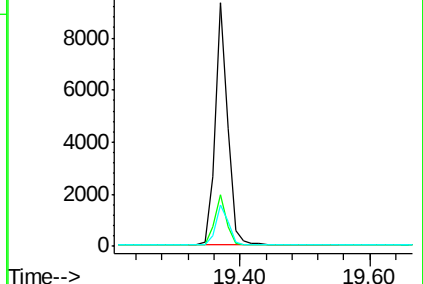
203 17.2 13.8 20.8



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: 0.51 ng

RT: 19.59 min Scan# 1137

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

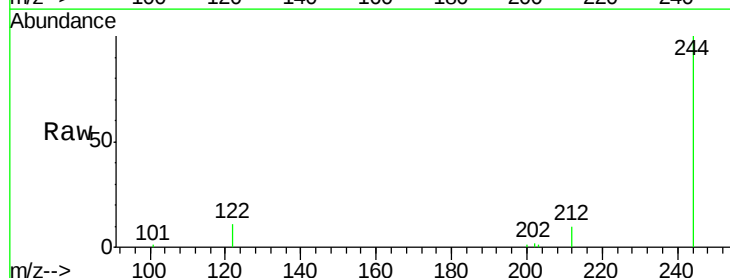
Tgt Ion:244 Resp: 5689

Ion Ratio Lower Upper

244 100

212 9.9 7.4 11.0

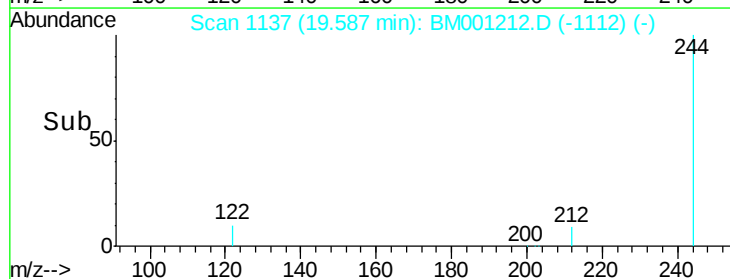
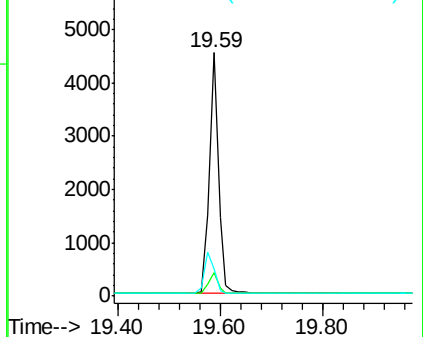
122 11.1 8.2 12.4

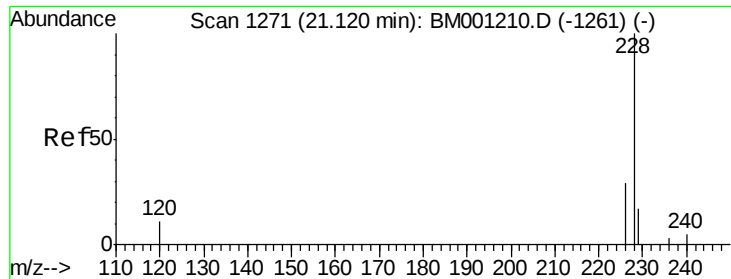


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.50 ng

RT: 21.12 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

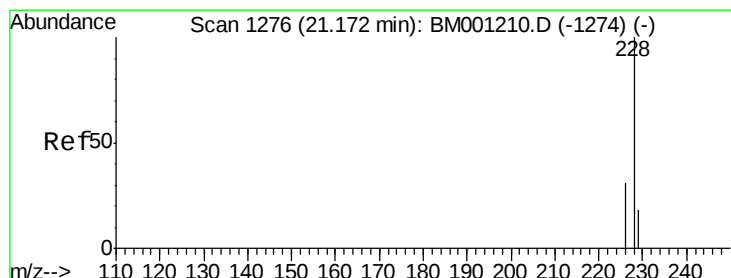
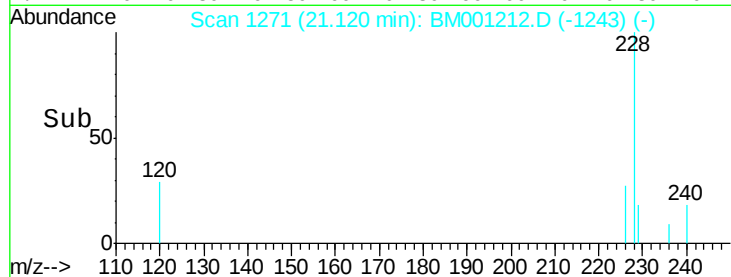
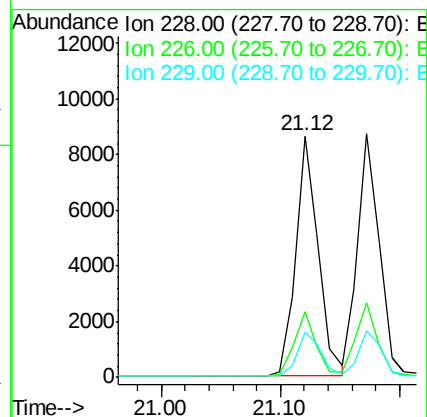
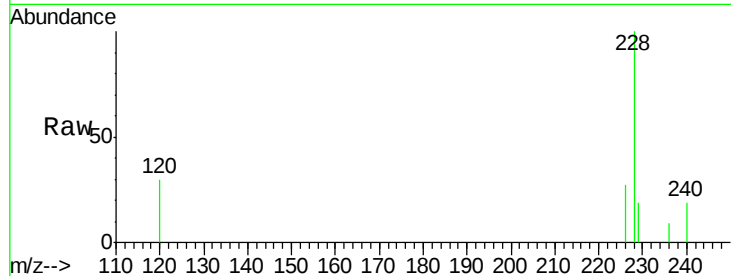
Tgt Ion:228 Resp: 11304

Ion Ratio Lower Upper

228 100

226 27.3 23.0 34.6

229 18.9 14.1 21.1



#28

Chrysene

Concen: 0.50 ng

RT: 21.17 min Scan# 1276

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

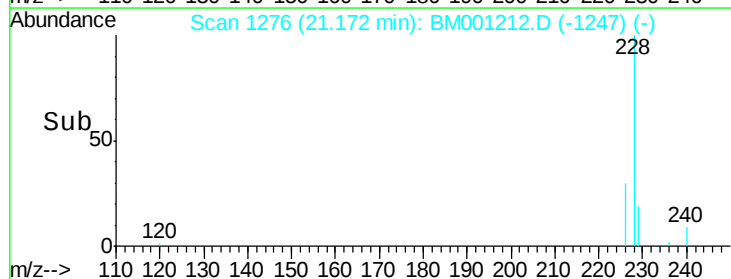
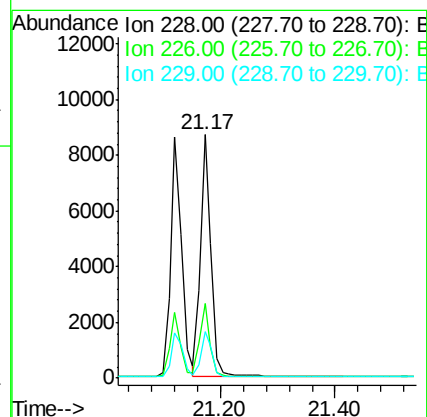
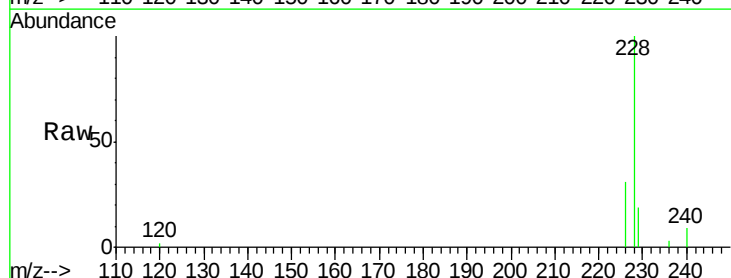
Tgt Ion:228 Resp: 11132

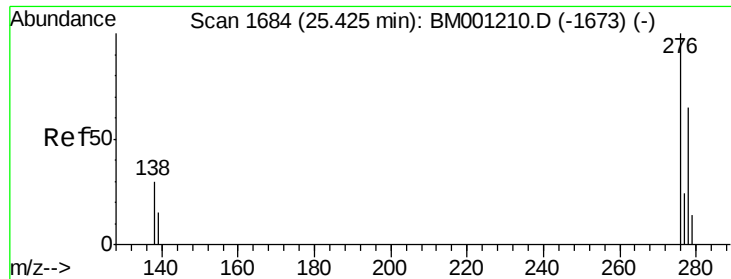
Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

229 19.2 14.4 21.6





#29

Indeno(1,2,3-cd)pyrene

Concen: 0.45 ng

RT: 25.43 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

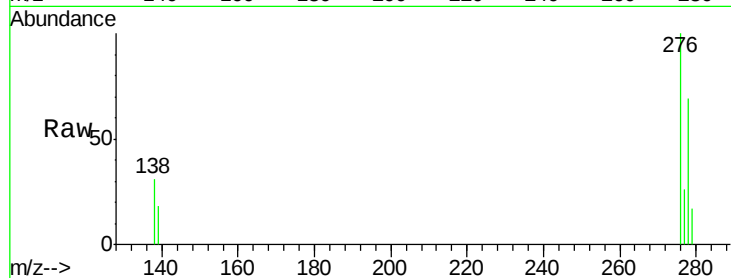
Tgt Ion:276 Resp: 8910

Ion Ratio Lower Upper

276 100

138 30.6 24.3 36.5

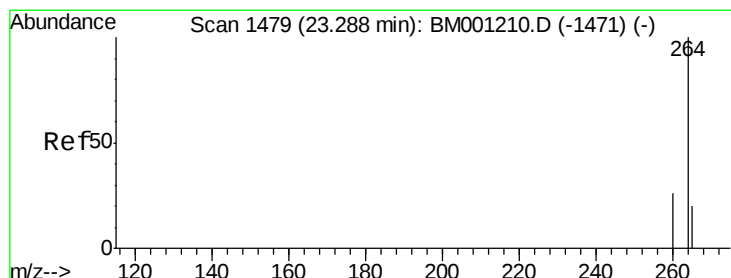
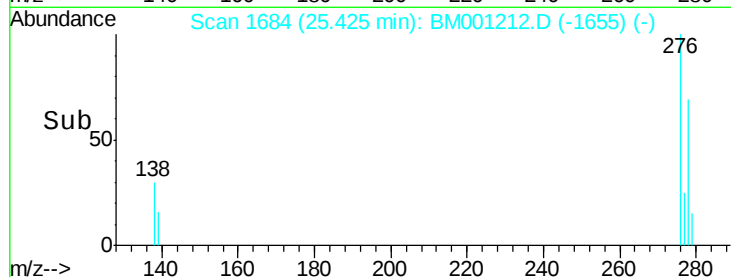
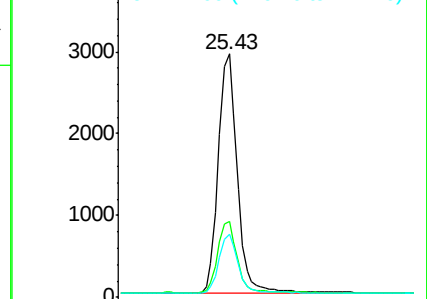
277 24.6 19.6 29.4



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# 1479

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

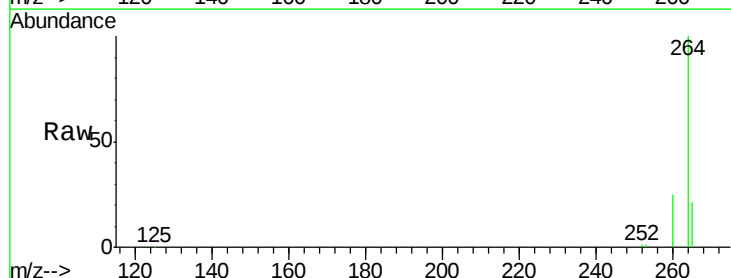
Tgt Ion:264 Resp: 65259

Ion Ratio Lower Upper

264 100

260 25.3 20.5 30.7

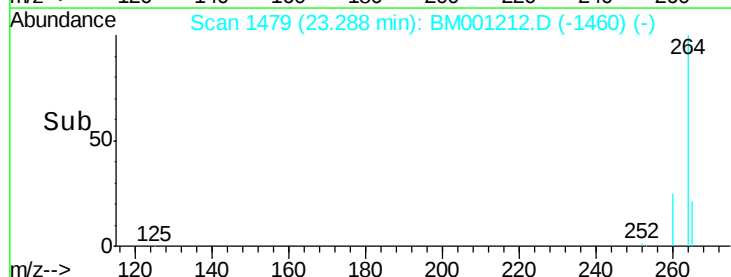
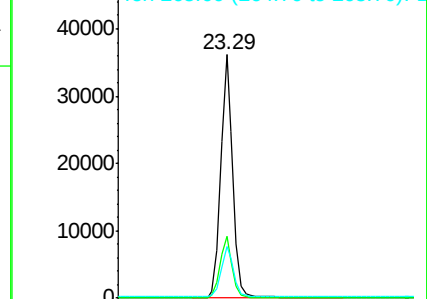
265 21.2 16.8 25.2

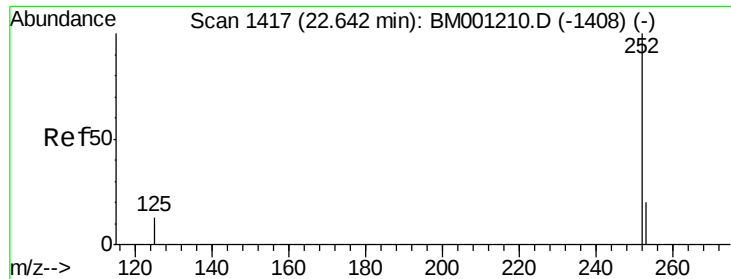


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 0.50 ng

RT: 22.64 min Scan# 1417

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

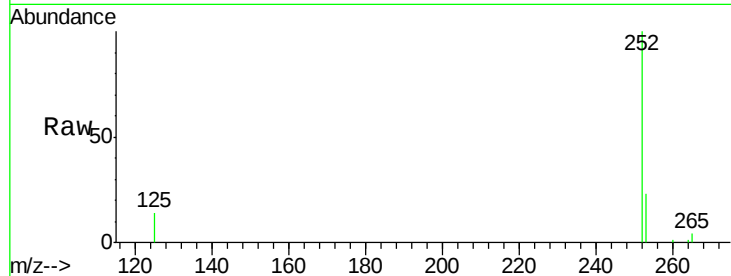
Tgt Ion:252 Resp: 9907

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

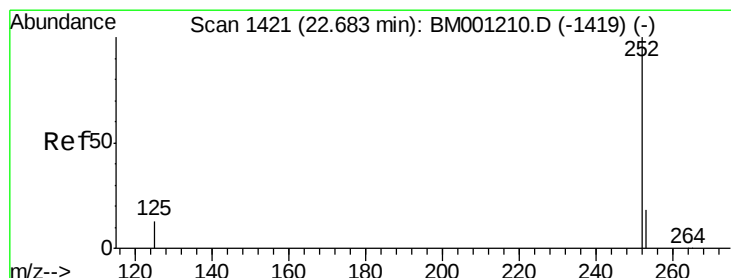
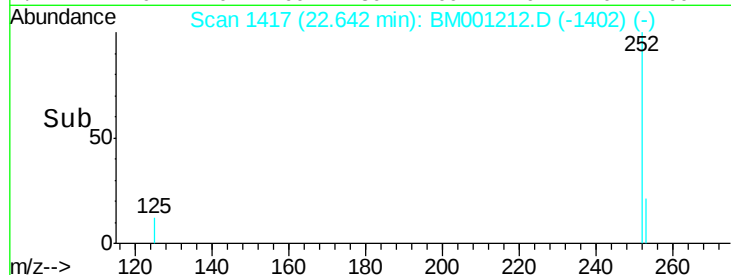
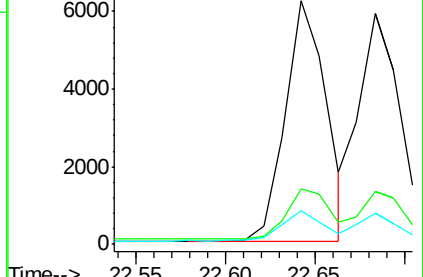
125 13.7 10.9 16.3



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: 0.52 ng

RT: 22.68 min Scan# 1421

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

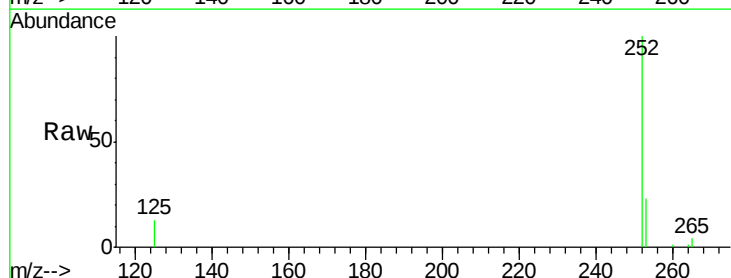
Tgt Ion:252 Resp: 9925

Ion Ratio Lower Upper

252 100

253 23.1 17.3 25.9

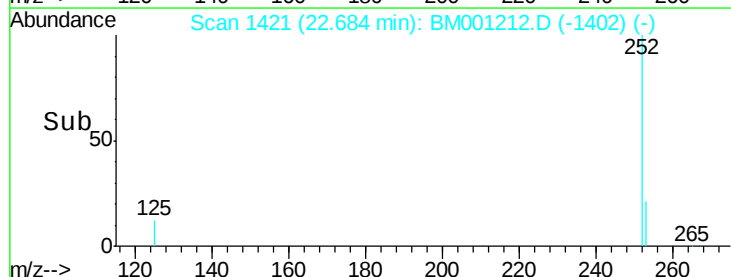
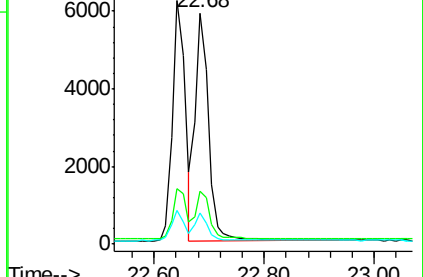
125 13.3 10.2 15.4

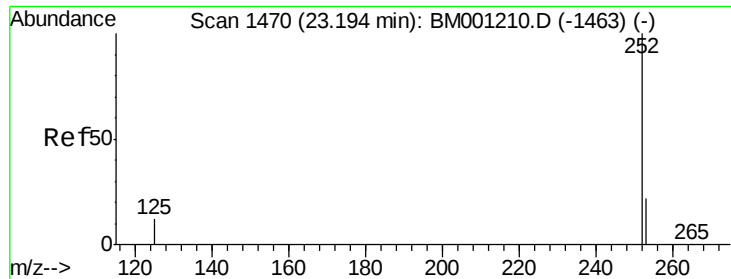


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#33

Benzo(a)pyrene

Concen: 0.50 ng

RT: 23.19 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

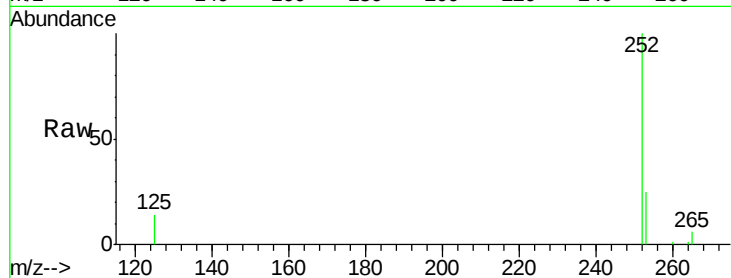
Tgt Ion:252 Resp: 8471

Ion Ratio Lower Upper

252 100

253 25.4 18.6 28.0

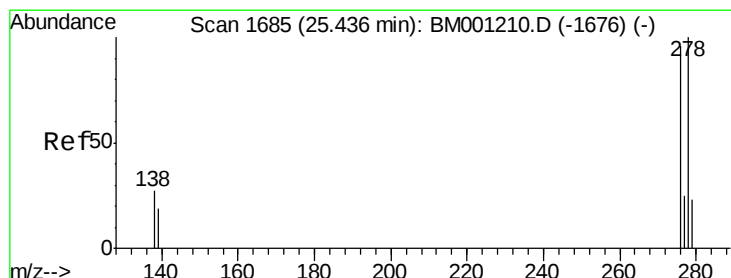
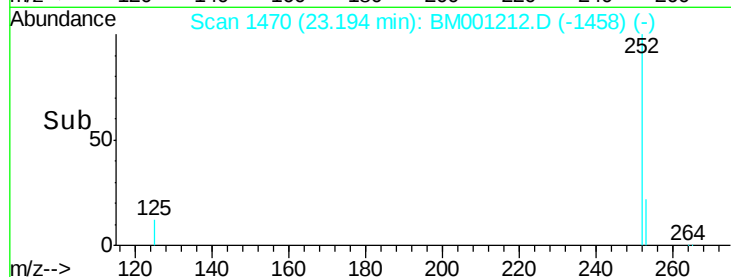
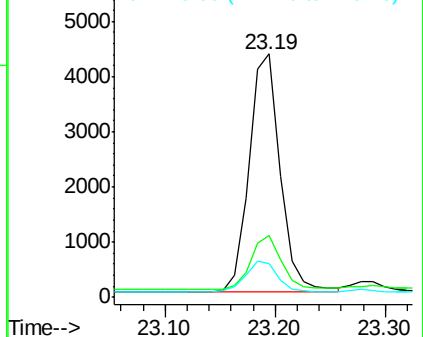
125 13.9 10.6 16.0



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: 0.47 ng

RT: 25.44 min Scan# 1685

Delta R.T. 0.00 min

Lab File: BM001212.D

Acq: 05 May 2015 16:52

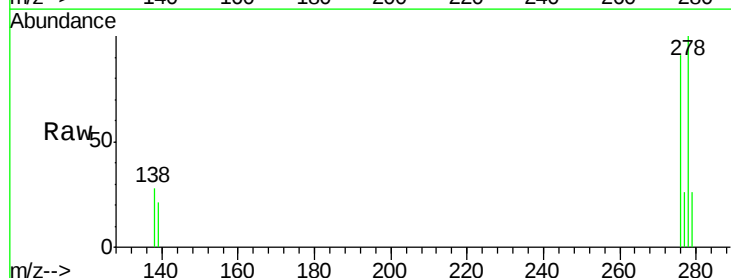
Tgt Ion:278 Resp: 6929

Ion Ratio Lower Upper

278 100

139 21.3 16.2 24.4

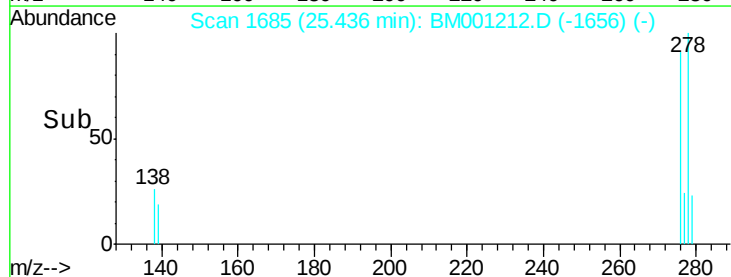
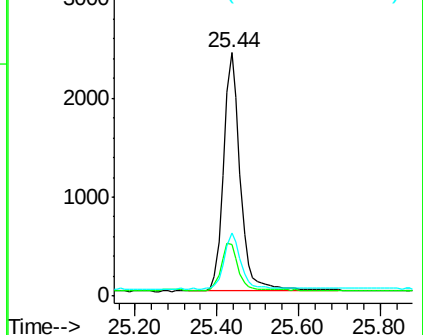
279 25.9 19.5 29.3

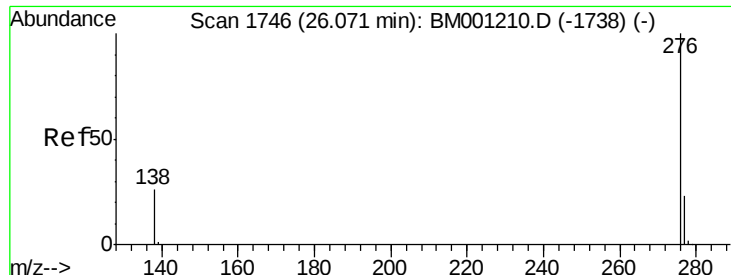


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.47 ng

RT: 26.07 min Scan# 1746

Delta R.T. 0.00 min

Lab File: BM001212.D

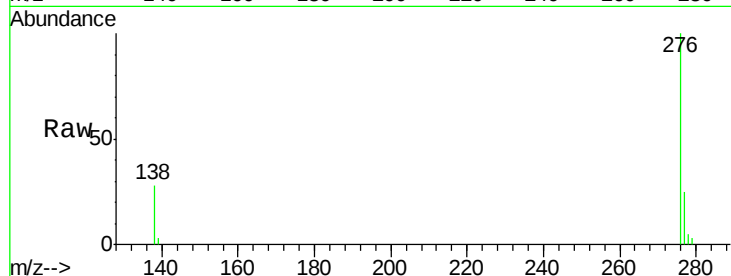
Acq: 05 May 2015 16:52

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5



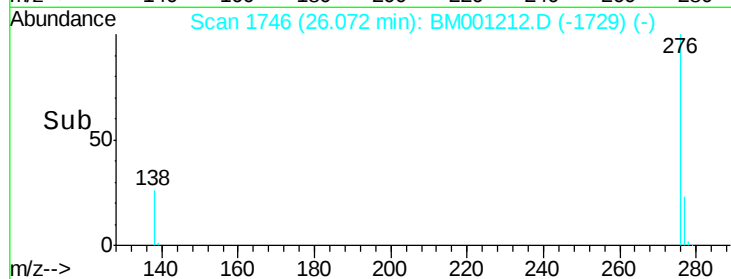
Tgt Ion: 276 Resp: 7287

Ion Ratio Lower Upper

276 100

277 25.1 19.0 28.6

138 27.7 21.8 32.8



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

