

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
 Data File : BM001523.D
 Acq On : 02 Jun 2015 21:15
 Operator : TP/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 03 01:40:53 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 15:30:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	17154	5.00	ng	0.00
6) Naphthalene-d8	10.49	136	60663	5.00	ng	0.00
12) Acenaphthene-d10	14.36	164	29657	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	92700	5.00	ng	0.00
25) Chrysene-d12	21.30	240	54667	5.00	ng	0.00
32) Perylene-d12	23.54	264	50086	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	374	0.10	ng	-0.02
5) Phenol-d6	6.86	99	467	0.10	ng	0.00
7) Nitrobenzene-d5	8.87	82	367	0.10	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	55	0.09	ng	0.00
14) 2-Fluorobiphenyl	12.98	172	897	0.10	ng	0.00
27) Terphenyl-d14	19.75	244	669	0.10	ng	0.00

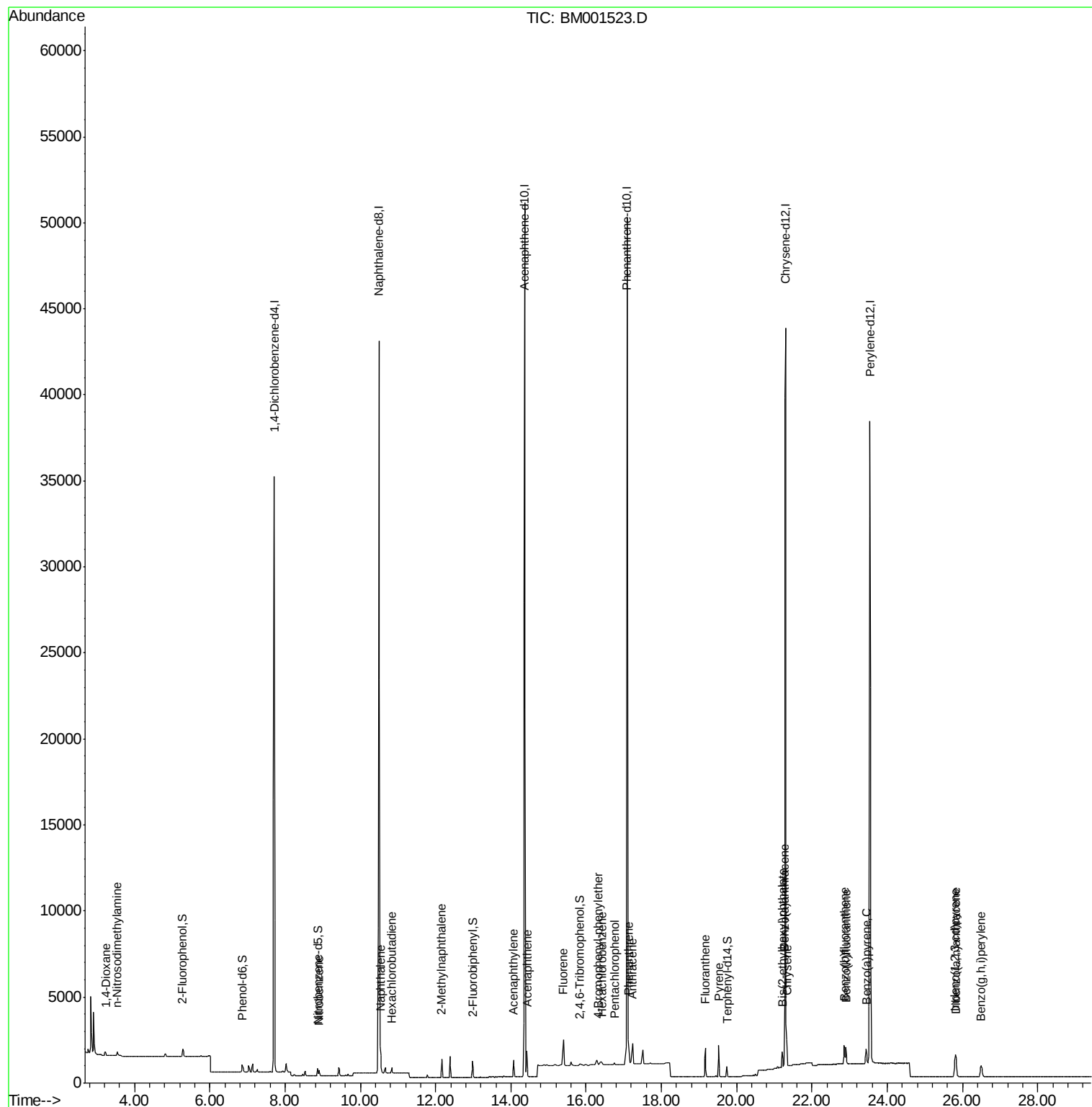
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	276	0.16	ng	# 69
3) n-Nitrosodimethylamine	3.54	42	239	0.10	ng	# 89
8) Nitrobenzene	8.91	77	388	0.10	ng	97
9) Naphthalene	10.54	128	1326	0.10	ng	# 88
10) Hexachlorobutadiene	10.83	225	228	0.10	ng	98
11) 2-Methylnaphthalene	12.17	142	823	0.10	ng	95
15) Acenaphthylene	14.07	152	1210	0.09	ng	100
16) Acenaphthene	14.42	154	788	0.10	ng	98
17) Fluorene	15.39	166	1323	0.11	ng	99
19) 4-Bromophenyl-phenylether	16.31	248	118	0.08	ng	# 54
20) Hexachlorobenzene	16.41	284	342	0.11	ng	# 59
21) Pentachlorophenol	16.75	266	100	0.07	ng	# 85
22) Phenanthrene	17.12	178	1798	0.10	ng	# 95
23) Anthracene	17.23	178	1787	0.10	ng	100
24) Fluoranthene	19.16	202	1628	0.10	ng	98
26) Pyrene	19.53	202	1683	0.10	ng	100
28) Benzo(a)anthracene	21.27	228	1584	0.11	ng	# 91
29) Chrysene	21.33	228	1458	0.10	ng	# 87
30) Bis(2-ethylhexyl)phthalate	21.21	149	1185	0.10	ng	# 95
31) Indeno(1,2,3-cd)pyrene	25.81	276	1559	0.10	ng	# 93
33) Benzo(b)fluoranthene	22.85	252	1374	0.09	ng	# 63
34) Benzo(k)fluoranthene	22.91	252	1350	0.10	ng	# 59
35) Benzo(a)pyrene	23.44	252	1220	0.10	ng	# 53
36) Dibenzo(a,h)anthracene	25.83	278	1248	0.10	ng	# 70
37) Benzo(g,h,i)perylene	26.49	276	1321	0.10	ng	# 78

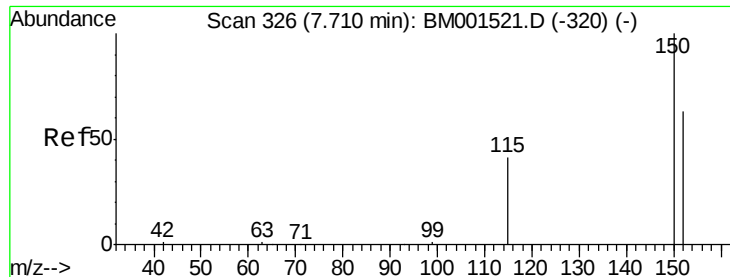
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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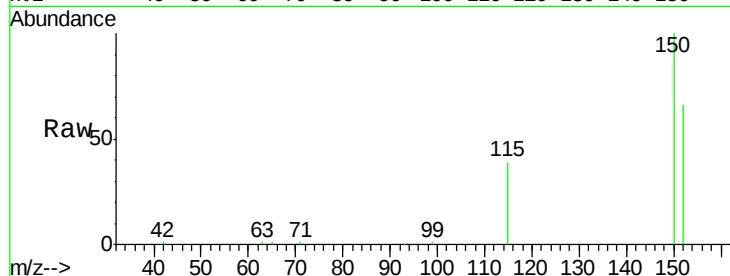




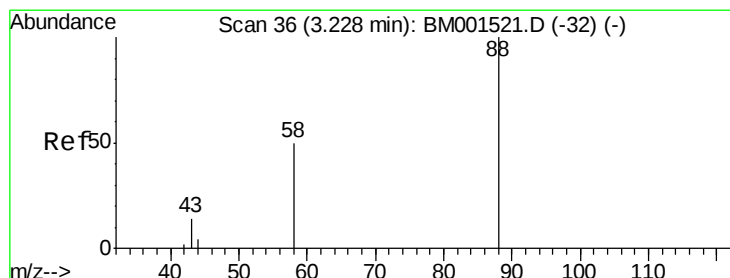
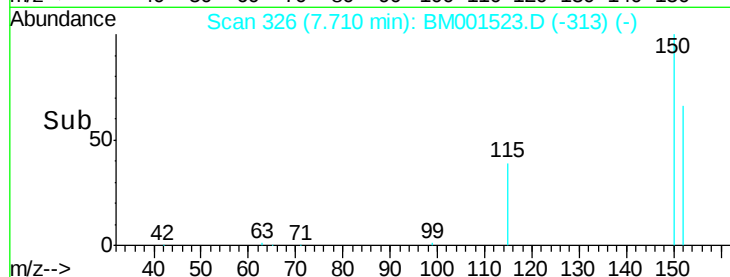
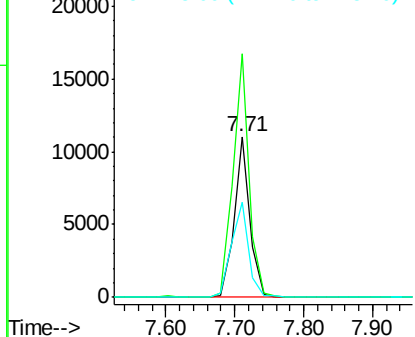
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.71 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: BM001523.D
 Acq: 02 Jun 2015 21:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Tgt Ion:152 Resp: 17154
 Ion Ratio Lower Upper
 152 100
 150 151.6 119.0 178.6
 115 59.5 41.8 62.8

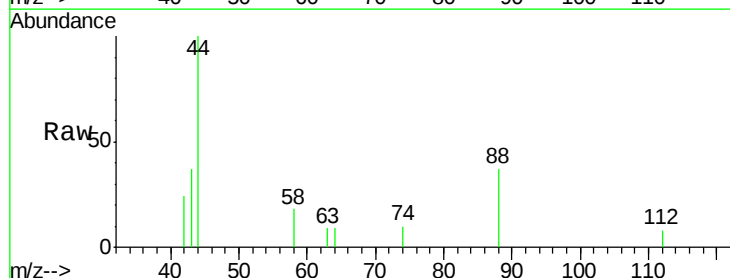


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

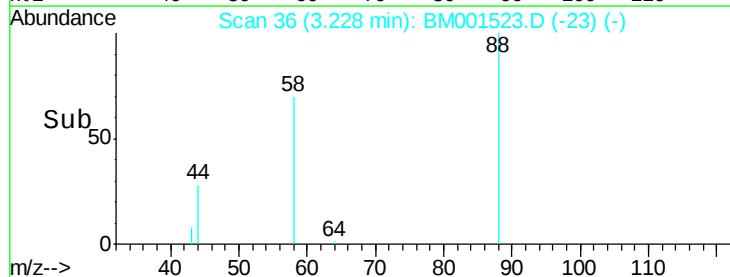
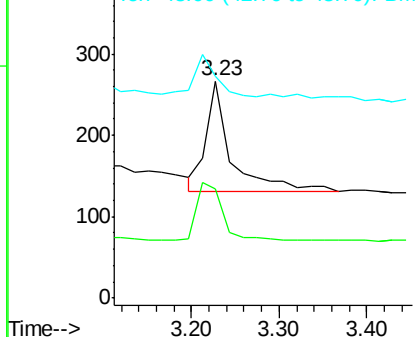


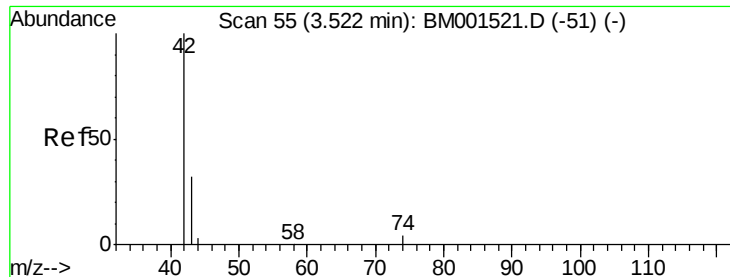
#2
 1,4-Dioxane
 Concen: 0.16 ng
 RT: 3.23 min Scan# 36
 Delta R.T. 0.00 min
 Lab File: BM001523.D
 Acq: 02 Jun 2015 21:15

Tgt Ion: 88 Resp: 276
 Ion Ratio Lower Upper
 88 100
 58 53.3 71.3 106.9#
 43 34.4 35.5 53.3#



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



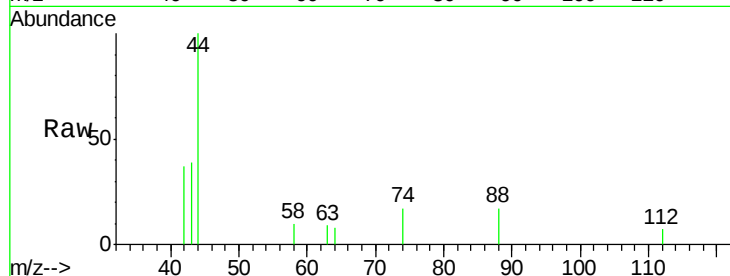


#3

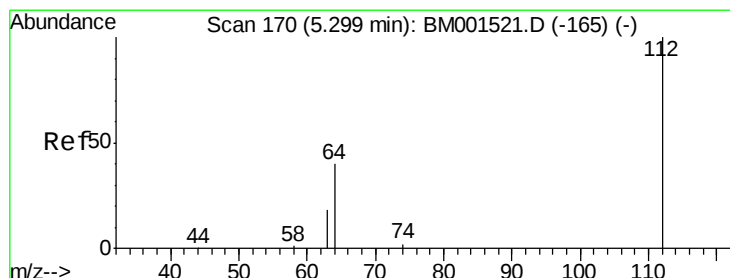
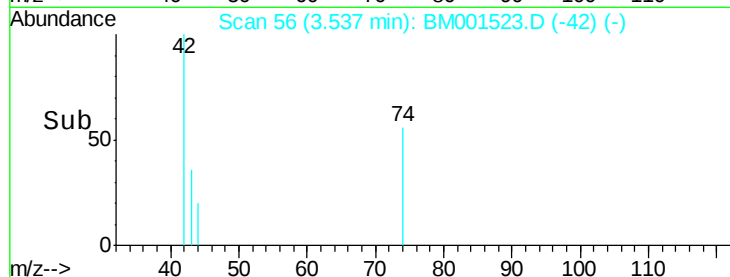
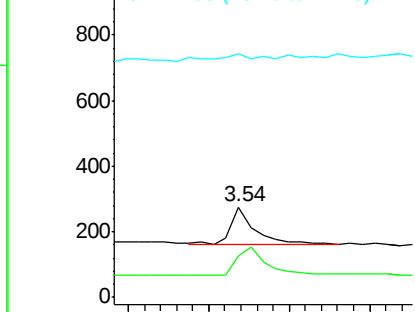
n-Nitrosodimethylamine
Concen: 0.10 ng
RT: 3.54 min Scan# 56
Delta R.T. 0.02 min
Lab File: BM001523.D
Acq: 02 Jun 2015 21:15

Instrument :
BNA_M
ClientSampleId :
SSTDICC0.1

Tgt Ion: 42 Resp: 239
Ion Ratio Lower Upper
42 100
74 94.6 72.2 108.2
44 35.6 6.2 9.2#



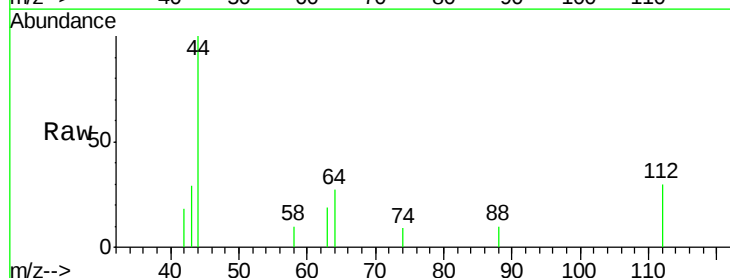
Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0



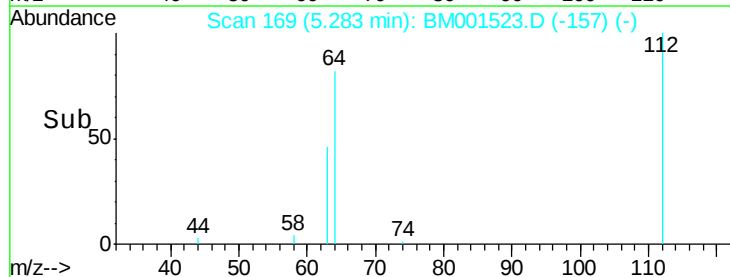
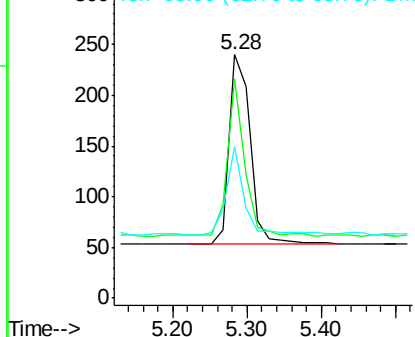
#4

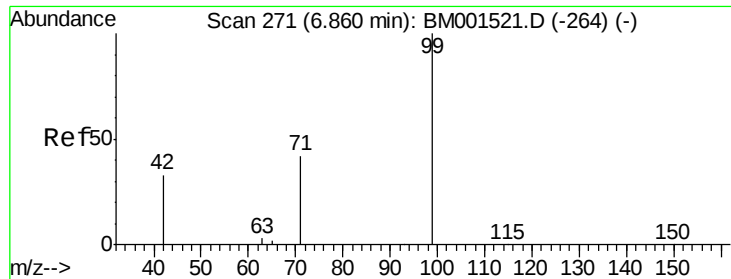
2-Fluorophenol
Concen: 0.10 ng
RT: 5.28 min Scan# 169
Delta R.T. -0.02 min
Lab File: BM001523.D
Acq: 02 Jun 2015 21:15

Tgt Ion: 112 Resp: 374
Ion Ratio Lower Upper
112 100
64 67.4 51.7 77.5
63 38.2 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 0.10 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

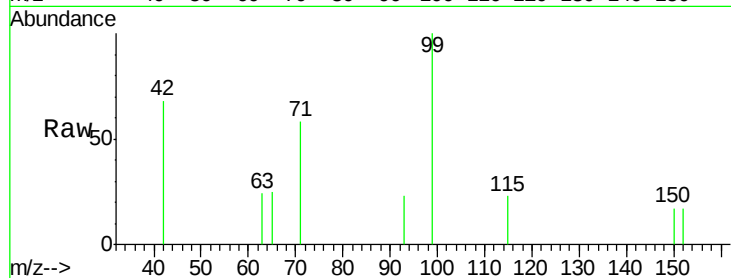
Tgt Ion: 99 Resp: 467

Ion Ratio Lower Upper

99 100

42 28.1 21.8 32.6

71 37.9 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001523.D (-264) (-)

Ion 42.00 (41.70 to 42.70): BM001523.D (-264) (-)

Ion 71.00 (70.70 to 71.70): BM001523.D (-264) (-)

6.86

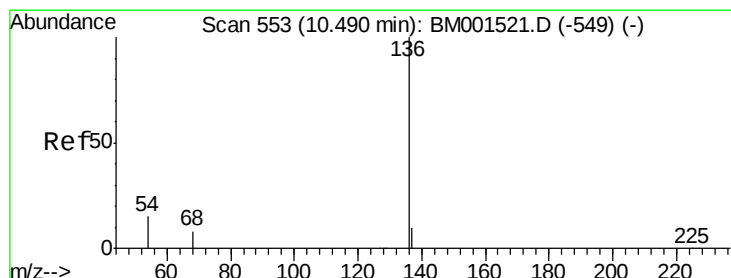
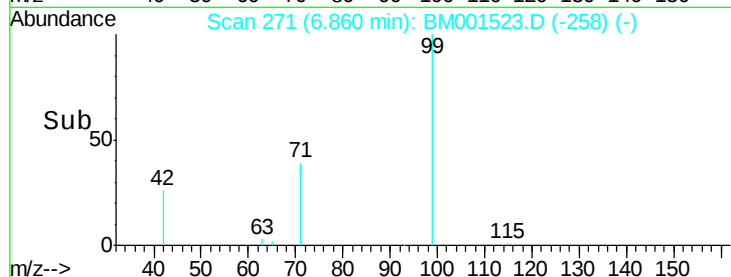
300

200

100

0

Time--> 6.70 6.80 6.90 7.00



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Tgt Ion: 136 Resp: 60663

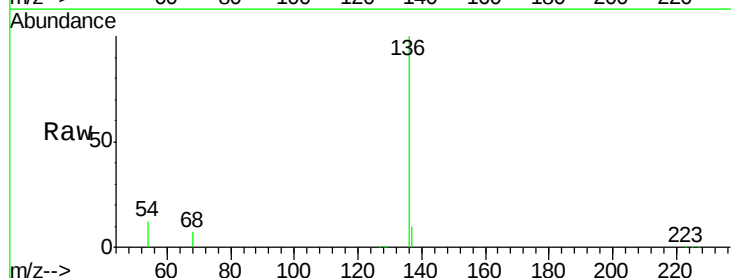
Ion Ratio Lower Upper

136 100

137 10.3 9.1 13.7

54 11.8 4.3 6.5#

68 6.9 2.6 4.0#



Abundance Ion 136.00 (135.70 to 136.70): BM001523.D (-549) (-)

Ion 137.00 (136.70 to 137.70): BM001523.D (-549) (-)

Ion 54.00 (53.70 to 54.70): BM001523.D (-549) (-)

Ion 68.00 (67.70 to 68.70): BM001523.D (-549) (-)

10.49

50000

40000

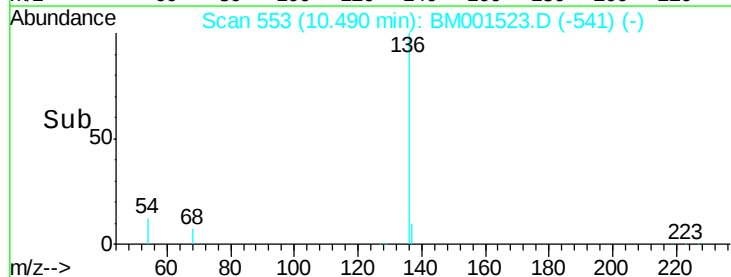
30000

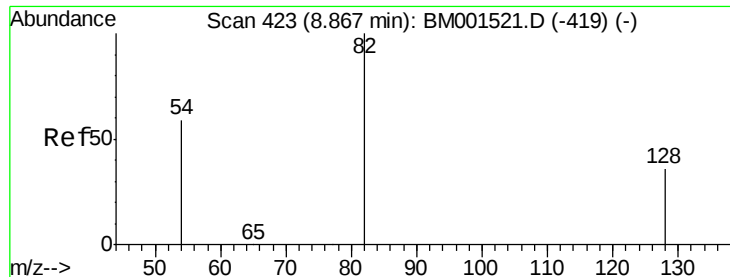
20000

10000

0

Time--> 10.40 10.60





#7

Nitrobenzene-d5

Concen: 0.10 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

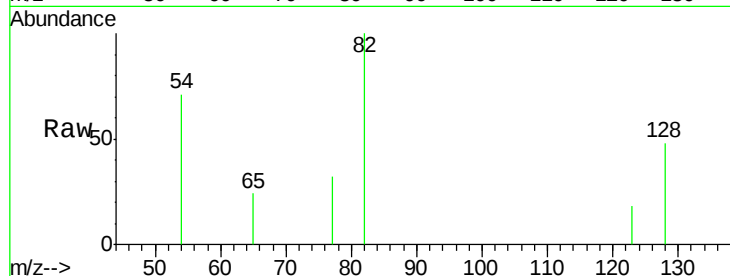
Tgt Ion: 82 Resp: 367

Ion Ratio Lower Upper

82 100

128 48.4 30.2 45.4#

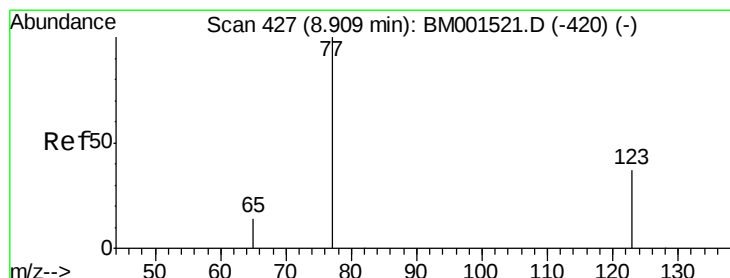
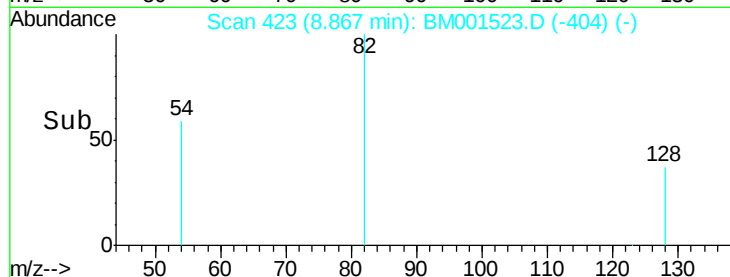
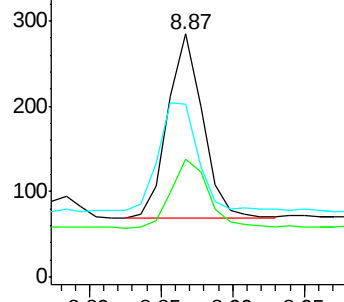
54 70.9 52.9 79.3



Abundance Ion 82.00 (81.70 to 82.70): BM001523.D (-404) (-)

Ion 128.00 (127.70 to 128.70): BM001523.D (-404) (-)

Ion 54.00 (53.70 to 54.70): BM001523.D (-404) (-)



#8

Nitrobenzene

Concen: 0.10 ng

RT: 8.91 min Scan# 427

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

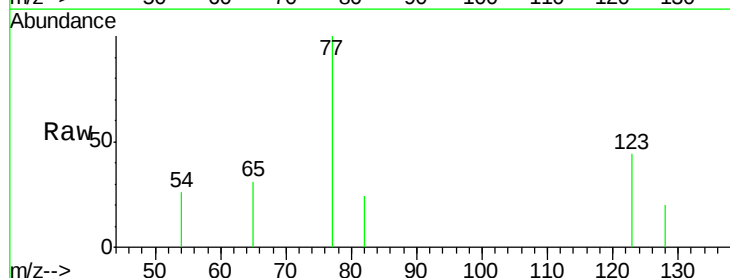
Tgt Ion: 77 Resp: 388

Ion Ratio Lower Upper

77 100

123 40.2 33.7 50.5

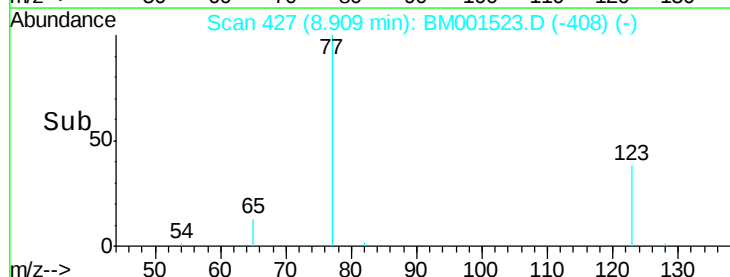
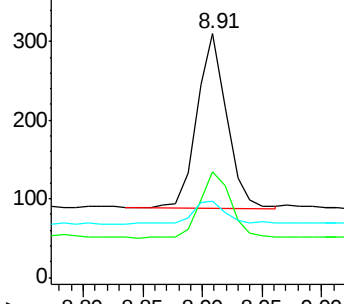
65 15.7 11.3 16.9

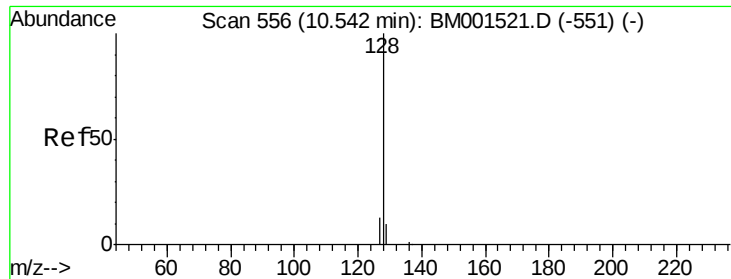


Abundance Ion 77.00 (76.70 to 77.70): BM001523.D (-408) (-)

Ion 123.00 (122.70 to 123.70): BM001523.D (-408) (-)

Ion 65.00 (64.70 to 65.70): BM001523.D (-408) (-)





#9

Naphthalene

Concen: 0.10 ng

RT: 10.54 min Scan# 556

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

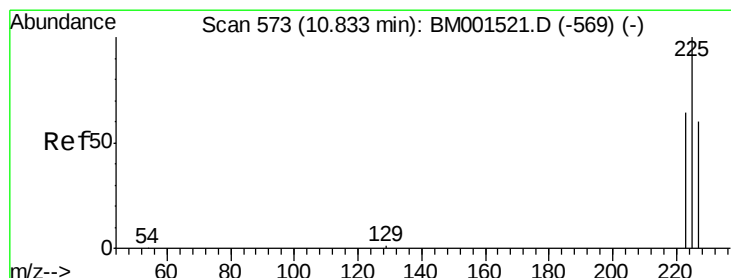
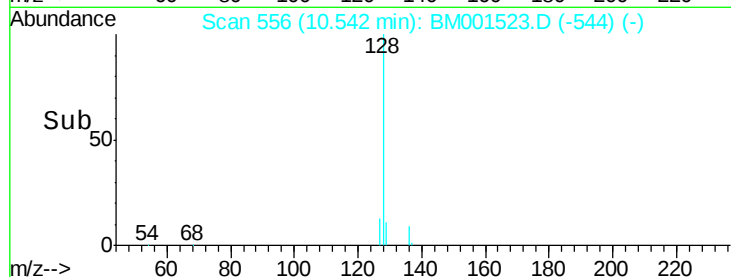
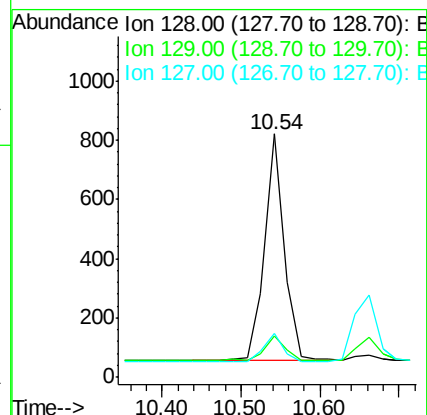
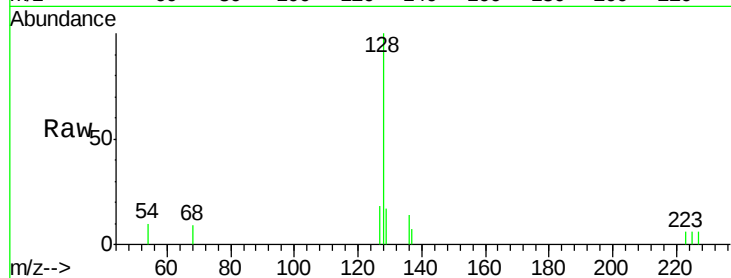
Tgt Ion:128 Resp: 1326

Ion Ratio Lower Upper

128 100

129 16.9 8.6 13.0#

127 18.0 11.7 17.5#



#10

Hexachlorobutadiene

Concen: 0.10 ng

RT: 10.83 min Scan# 573

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

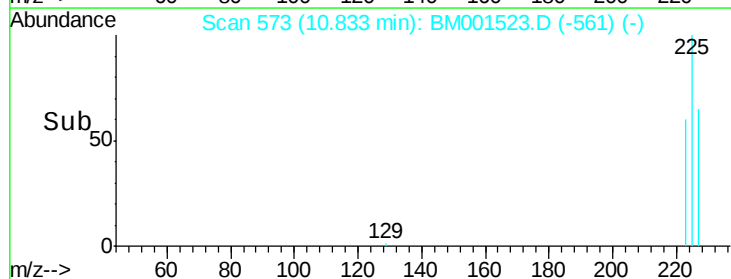
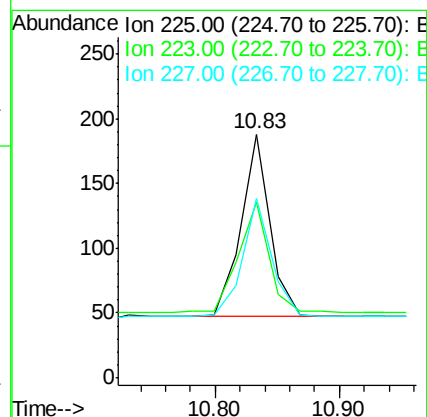
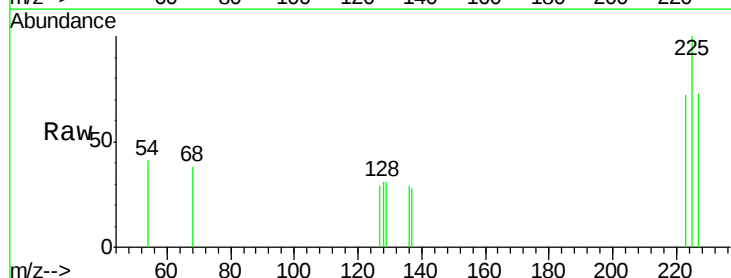
Tgt Ion:225 Resp: 228

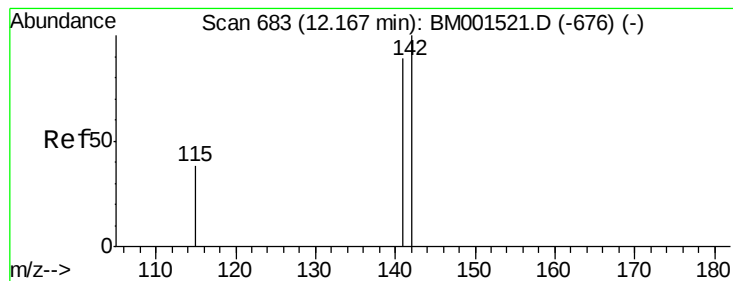
Ion Ratio Lower Upper

225 100

223 64.0 50.2 75.2

227 64.9 51.1 76.7





#11

2-Methylnaphthalene

Concen: 0.10 ng

RT: 12.17 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

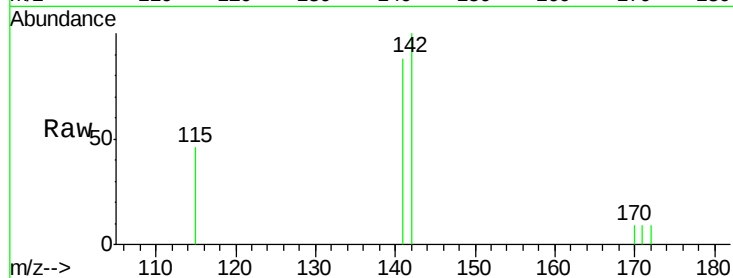
Tgt Ion:142 Resp: 823

Ion Ratio Lower Upper

142 100

141 88.3 72.6 109.0

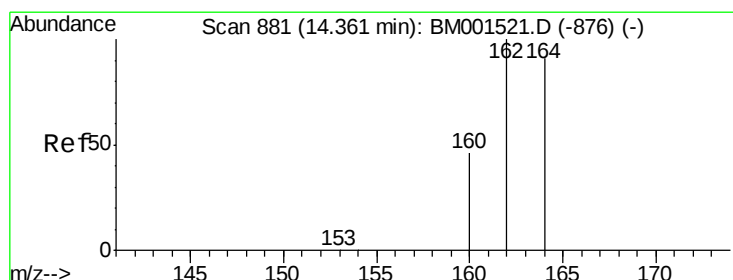
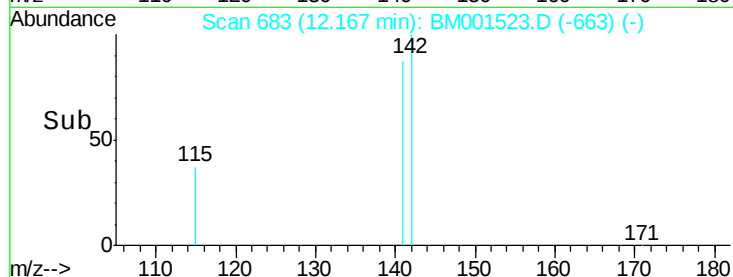
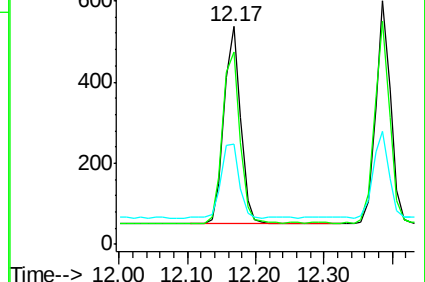
115 46.0 31.2 46.8



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: 14.36 min Scan# 881

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

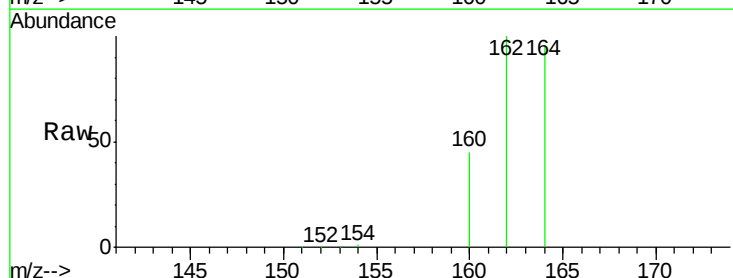
Tgt Ion:164 Resp: 29657

Ion Ratio Lower Upper

164 100

162 104.2 83.4 125.2

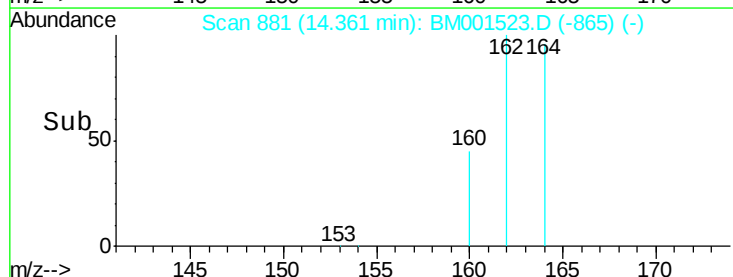
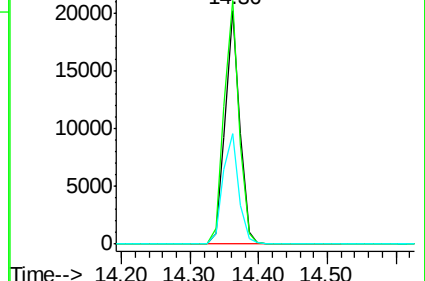
160 47.1 36.9 55.3

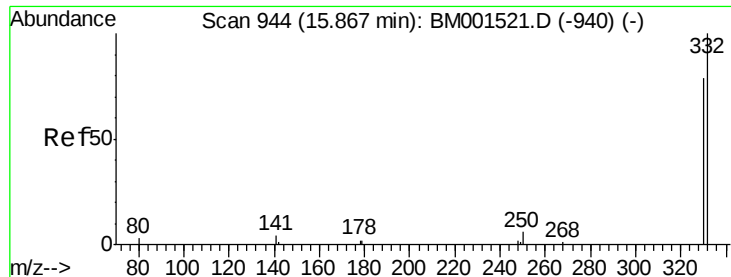


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

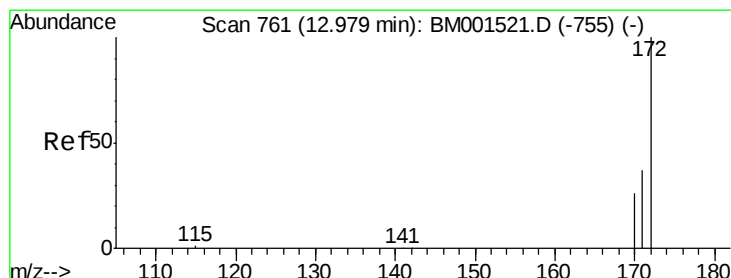
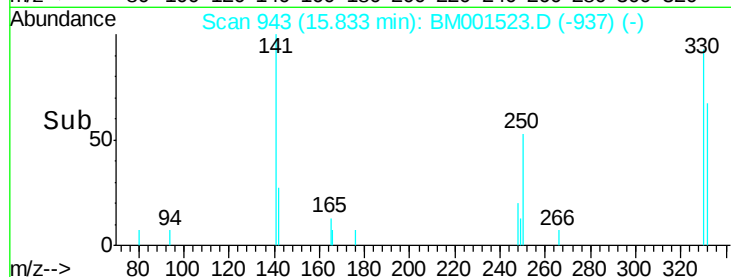
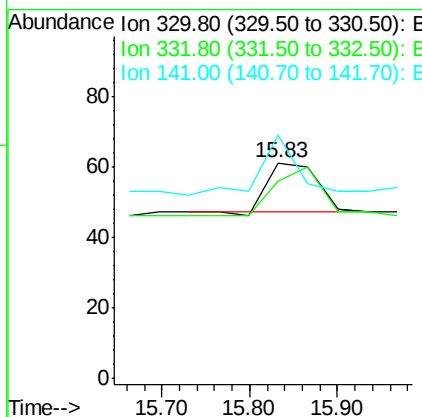
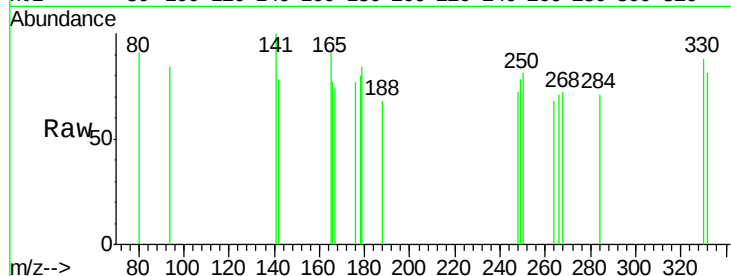




#13
 2,4,6-Tribromophenol
 Concen: 0.09 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BM001523.D
 Acq: 02 Jun 2015 21:15

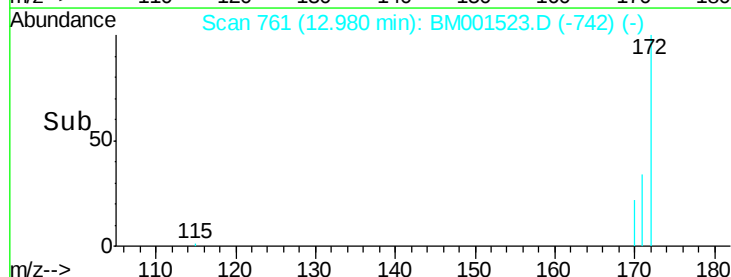
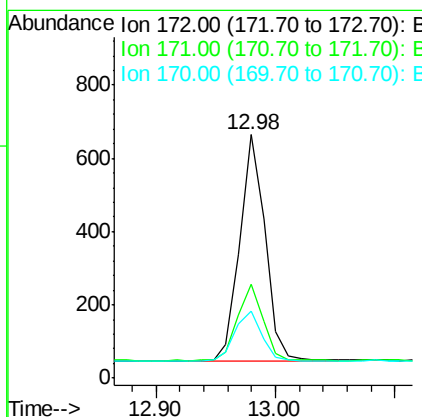
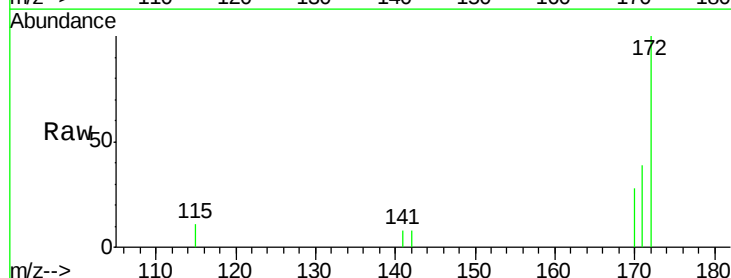
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

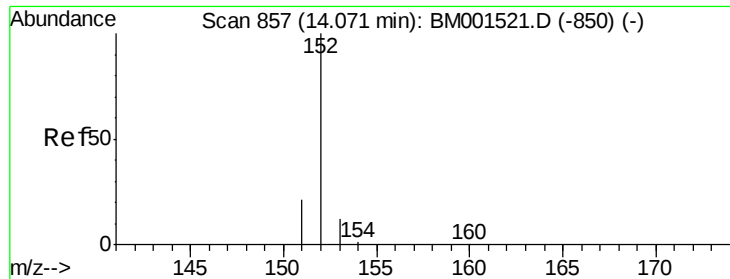
Tgt Ion: 330 Resp: 55
 Ion Ratio Lower Upper
 330 100
 332 0.0 90.3 135.5#
 141 89.1 0.0 0.0#



#14
 2-Fluorobiphenyl
 Concen: 0.10 ng
 RT: 12.98 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BM001523.D
 Acq: 02 Jun 2015 21:15

Tgt Ion: 172 Resp: 897
 Ion Ratio Lower Upper
 172 100
 171 38.8 29.4 44.0
 170 27.7 20.2 30.4





#15

Acenaphthylene

Concen: 0.09 ng

RT: 14.07 min Scan# 857

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

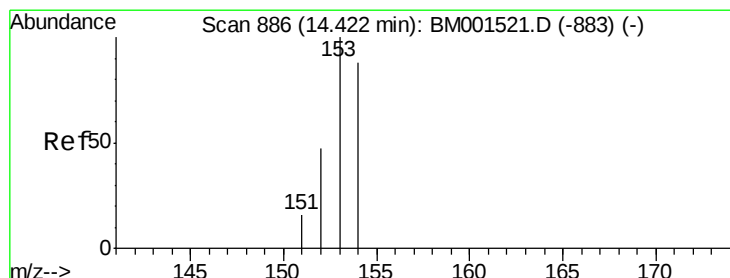
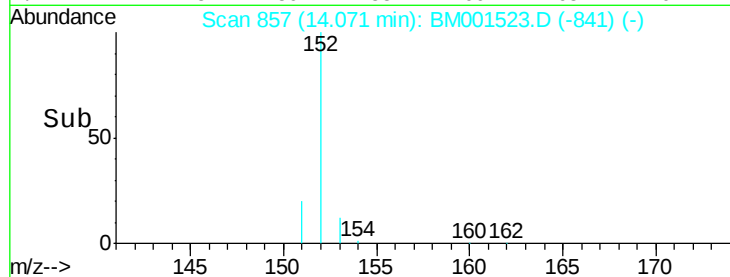
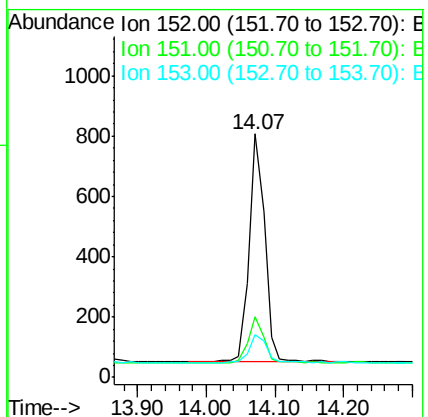
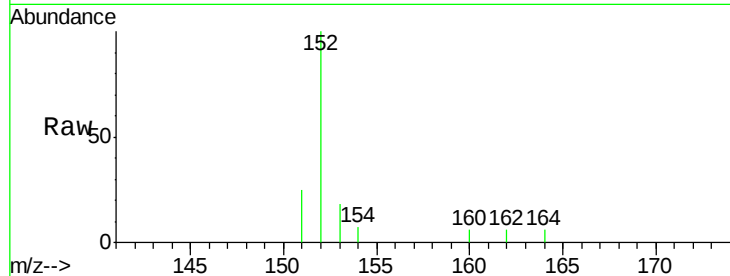
Tgt Ion:152 Resp: 1210

Ion Ratio Lower Upper

152 100

151 19.1 15.1 22.7

153 12.8 10.2 15.4



#16

Acenaphthene

Concen: 0.10 ng

RT: 14.42 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

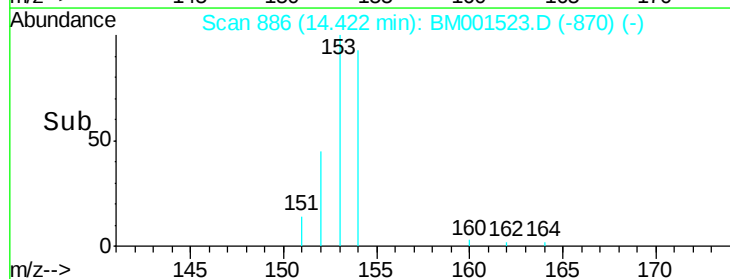
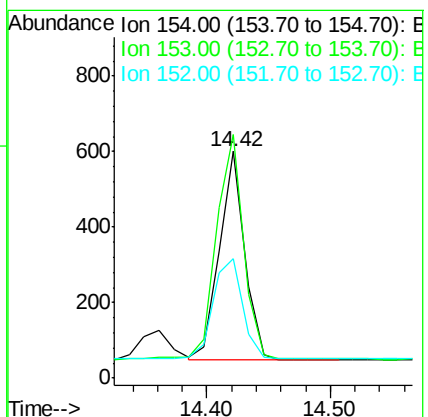
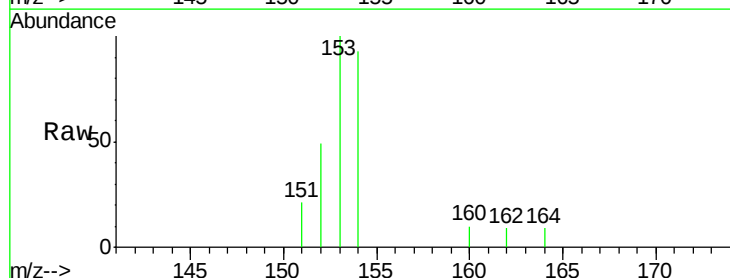
Tgt Ion:154 Resp: 788

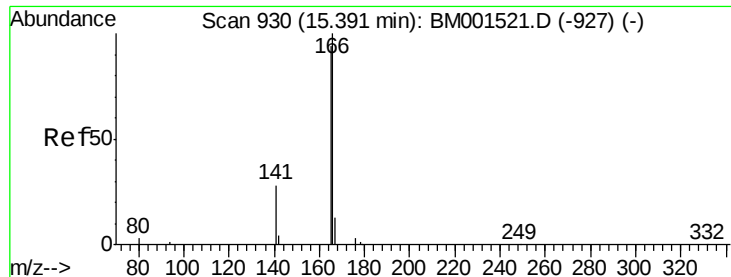
Ion Ratio Lower Upper

154 100

153 115.5 91.4 137.2

152 56.7 44.0 66.0

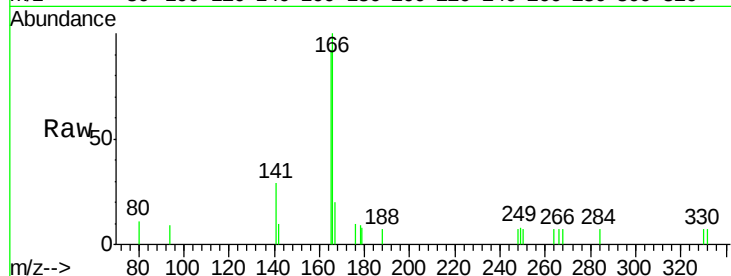




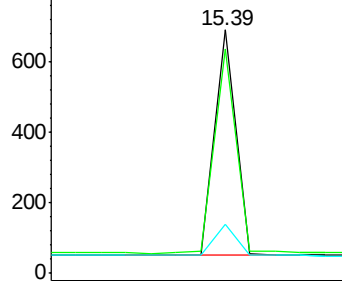
#17
Fluorene
 Concen: 0.11 ng
 RT: 15.39 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BM001523.D
 Acq: 02 Jun 2015 21:15

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

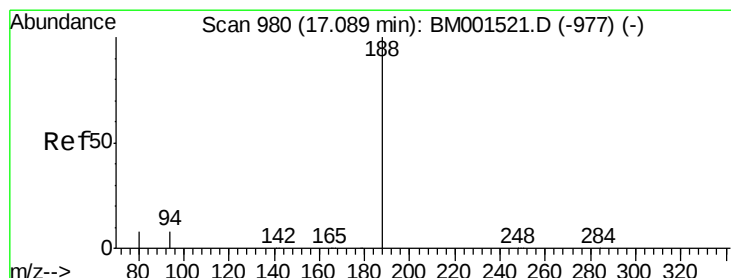
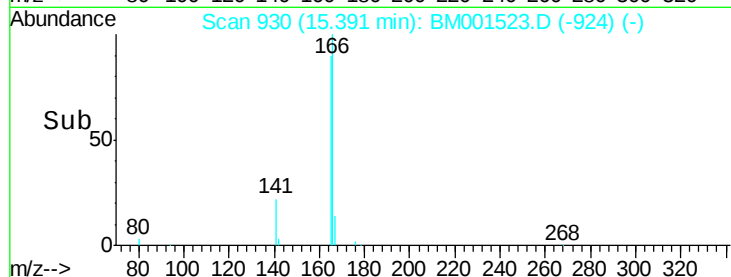
Tgt Ion:166 Resp: 1323
 Ion Ratio Lower Upper
 166 100
 165 91.7 72.6 108.8
 167 13.7 10.9 16.3



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

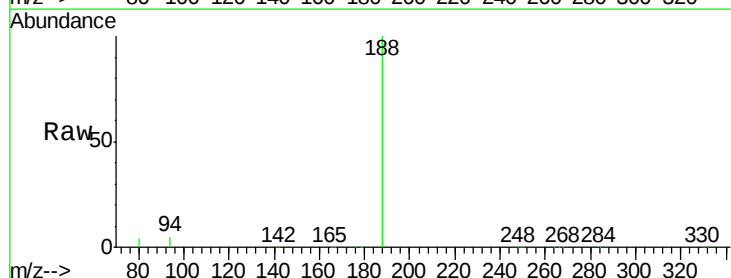


Time-->

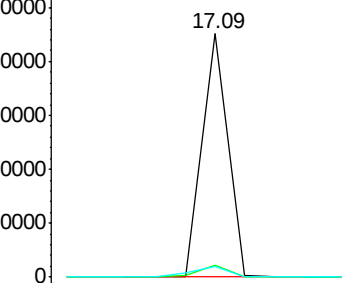


#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.09 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BM001523.D
 Acq: 02 Jun 2015 21:15

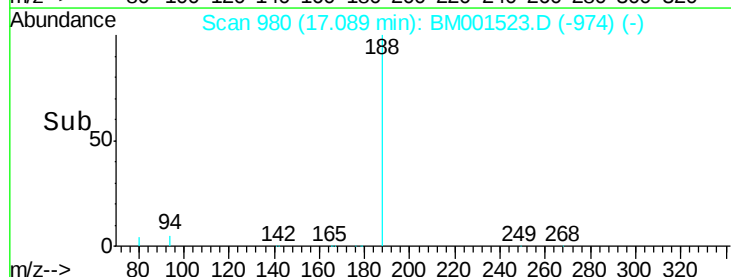
Tgt Ion:188 Resp: 92700
 Ion Ratio Lower Upper
 188 100
 94 4.8 3.0 4.4#
 80 4.2 2.5 3.7#

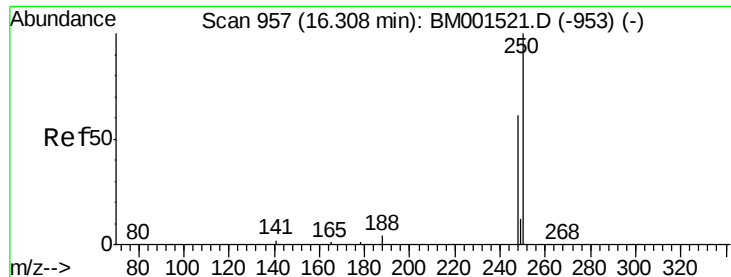


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM0
 Ion 80.00 (79.70 to 80.70): BM0



Time-->

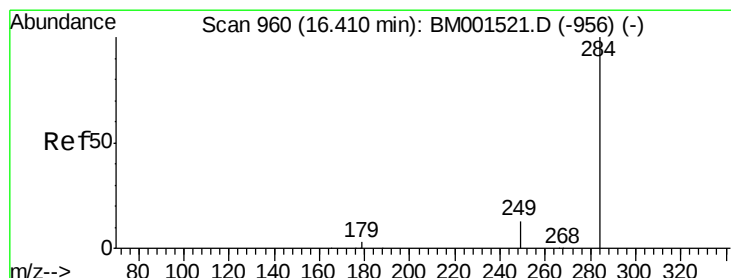
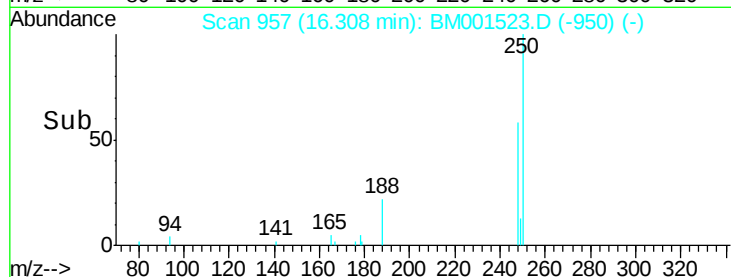
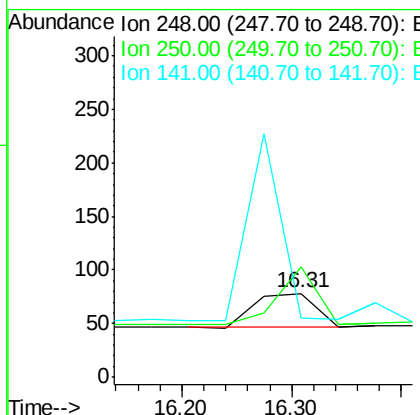
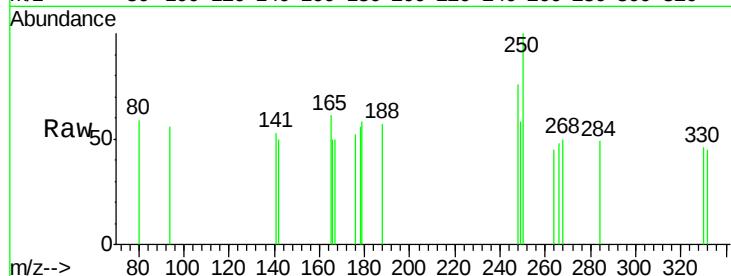




#19
4-Bromophenyl-phenylether
Concen: 0.08 ng
RT: 16.31 min Scan# 957
Delta R.T. 0.03 min
Lab File: BM001523.D
Acq: 02 Jun 2015 21:15

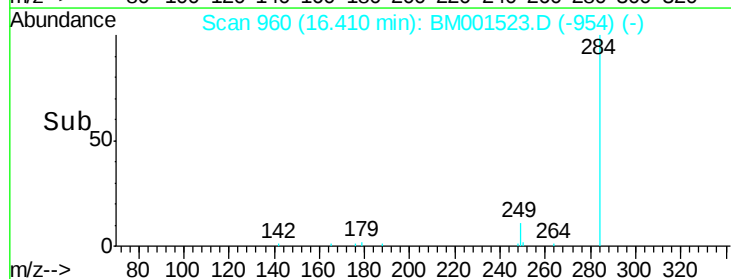
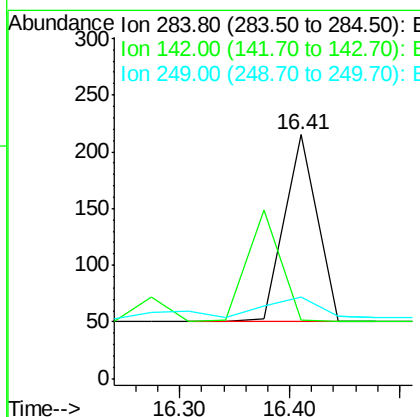
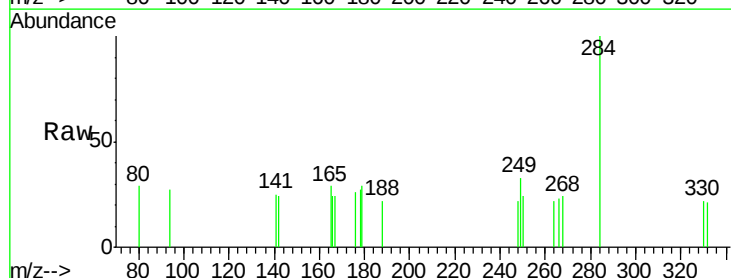
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

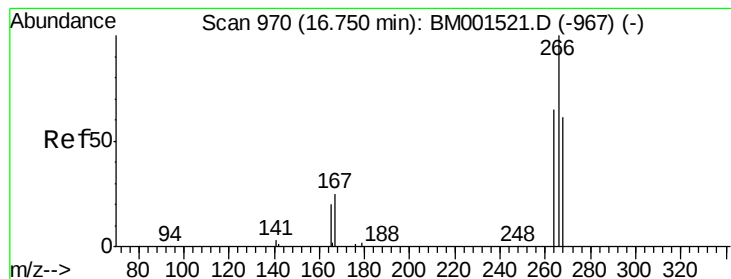
Tgt Ion:248 Resp: 118
Ion Ratio Lower Upper
248 100
250 111.9 76.8 115.2
141 0.0 57.7 86.5#



#20
Hexachlorobenzene
Concen: 0.11 ng
RT: 16.41 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM001523.D
Acq: 02 Jun 2015 21:15

Tgt Ion:284 Resp: 342
Ion Ratio Lower Upper
284 100
142 0.0 13.9 20.9#
249 20.8 39.0 58.4#





#21

Pentachlorophenol

Concen: 0.07 ng

RT: 16.75 min Scan# 970

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

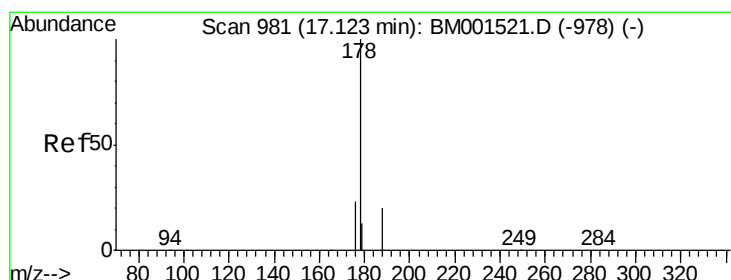
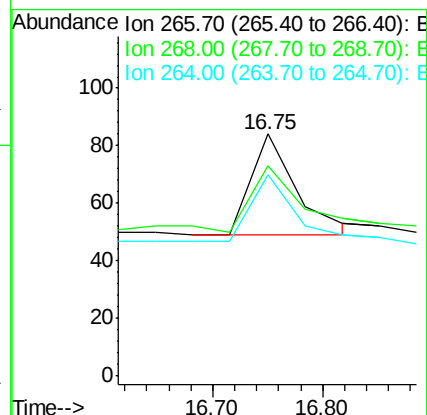
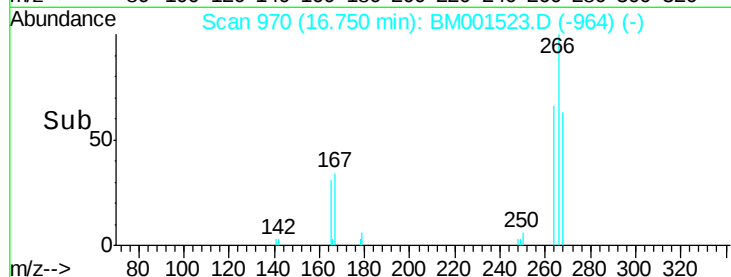
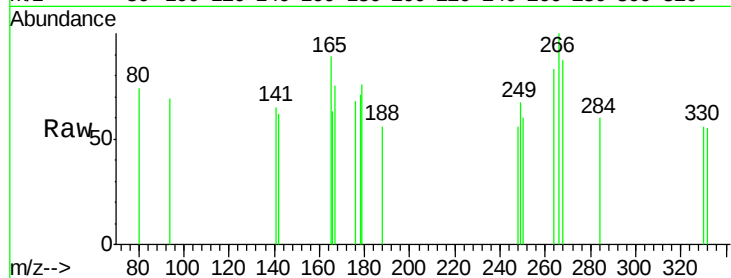
Tgt Ion:266 Resp: 100

Ion Ratio Lower Upper

266 100

268 86.9 63.0 94.4

264 83.3 52.8 79.2#



#22

Phenanthrene

Concen: 0.10 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

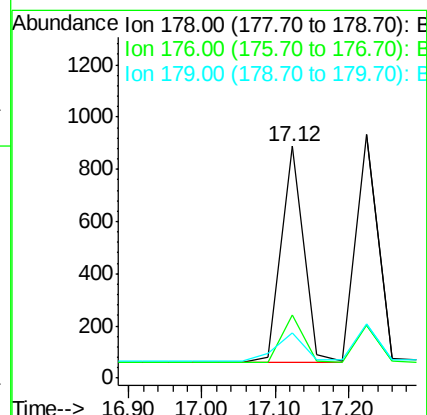
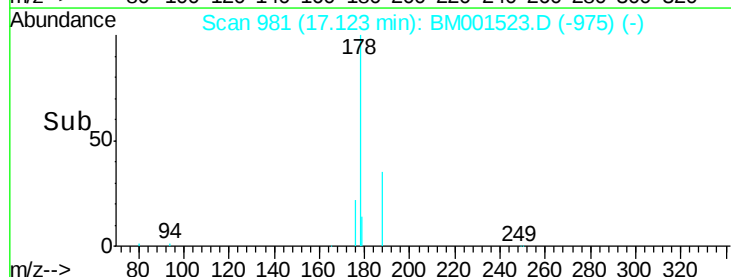
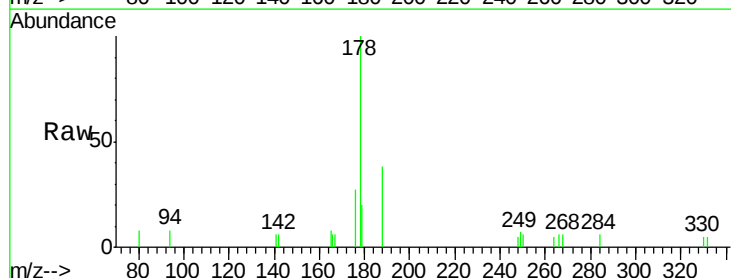
Tgt Ion:178 Resp: 1798

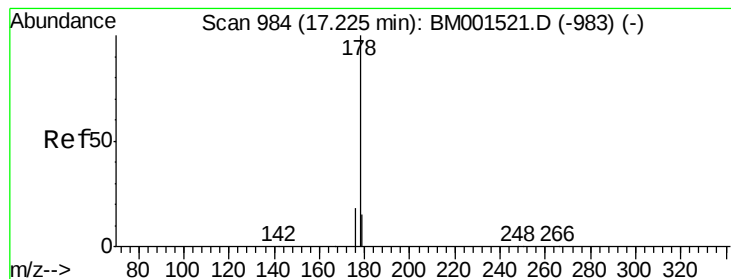
Ion Ratio Lower Upper

178 100

176 22.1 16.8 25.2

179 17.6 11.0 16.4#





#23

Anthracene

Concen: 0.10 ng

RT: 17.23 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

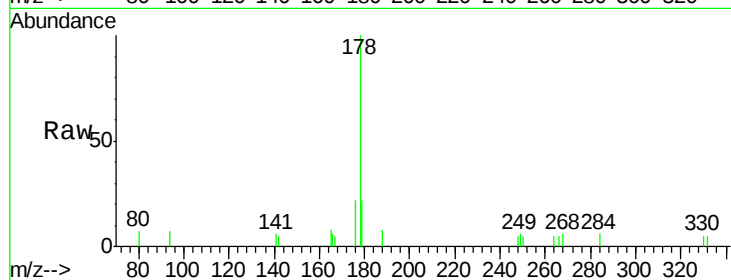
Tgt Ion:178 Resp: 1787

Ion Ratio Lower Upper

178 100

176 16.7 13.1 19.7

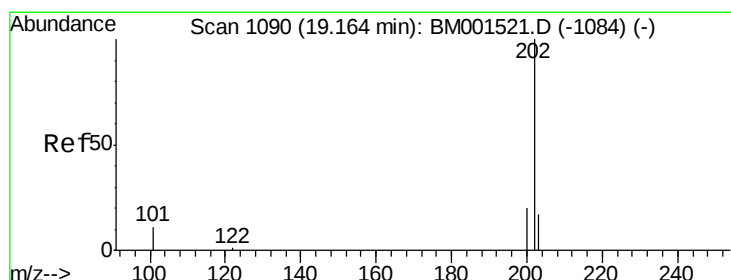
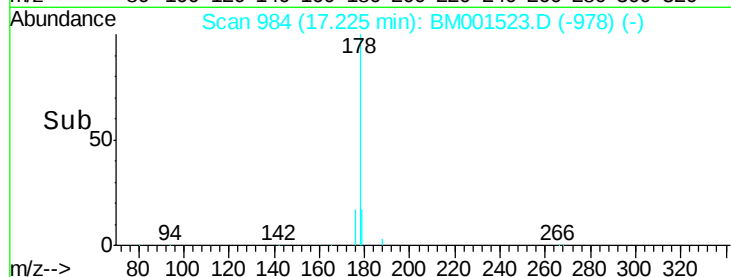
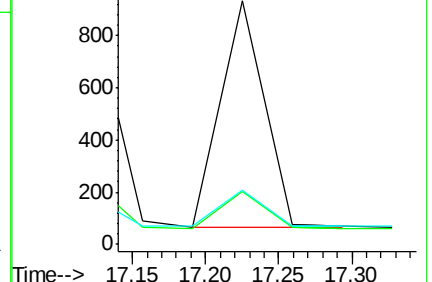
179 16.1 12.8 19.2



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



#24

Fluoranthene

Concen: 0.10 ng

RT: 19.16 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

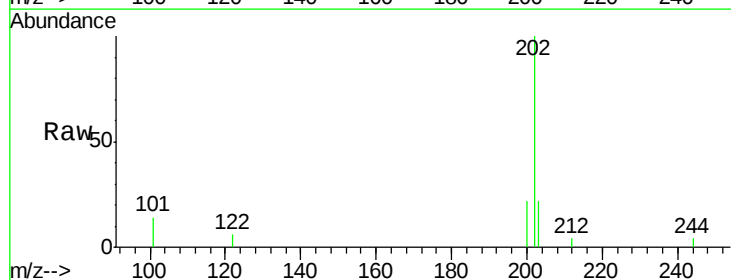
Tgt Ion:202 Resp: 1628

Ion Ratio Lower Upper

202 100

101 12.5 8.6 12.8

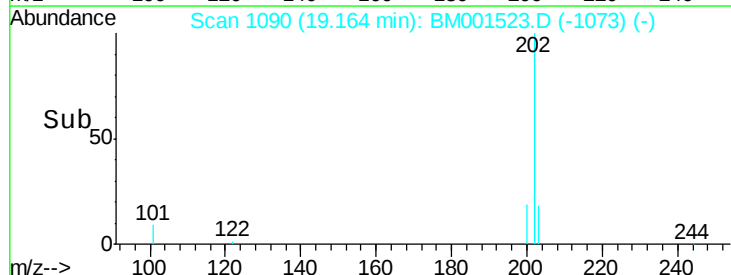
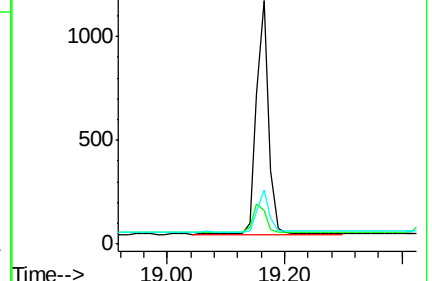
203 17.3 13.8 20.6

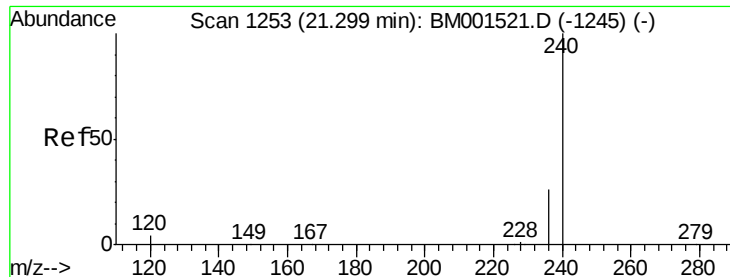


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.30 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

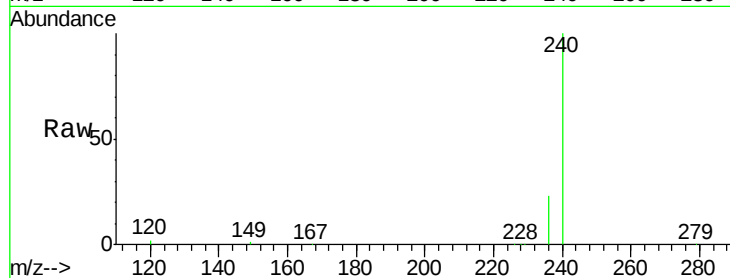
Tgt Ion:240 Resp: 54667

Ion Ratio Lower Upper

240 100

120 2.4 9.7 14.5#

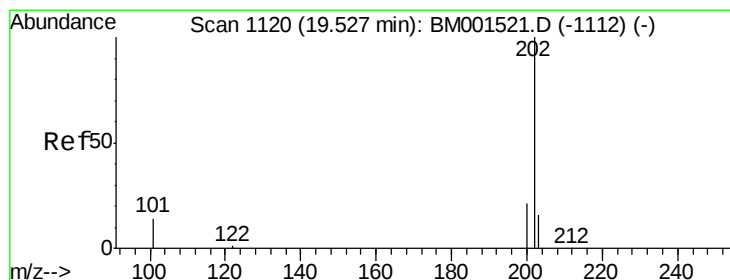
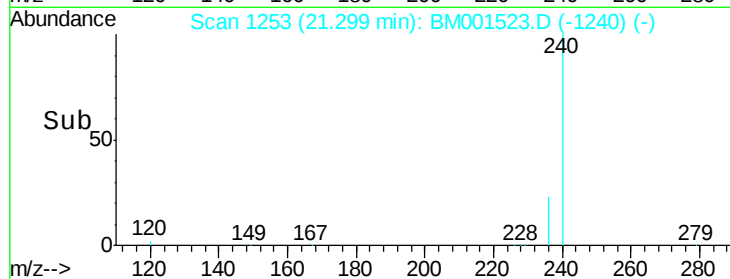
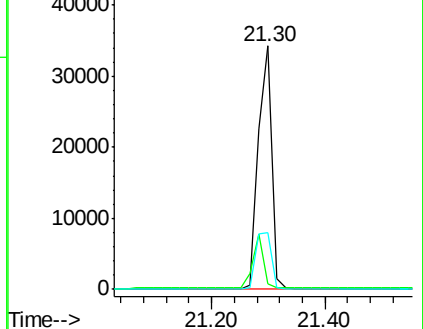
236 23.3 24.8 37.2#



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



#26

Pyrene

Concen: 0.10 ng

RT: 19.53 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

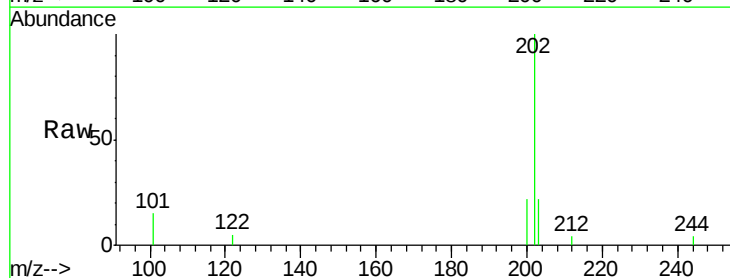
Tgt Ion:202 Resp: 1683

Ion Ratio Lower Upper

202 100

200 20.7 16.4 24.6

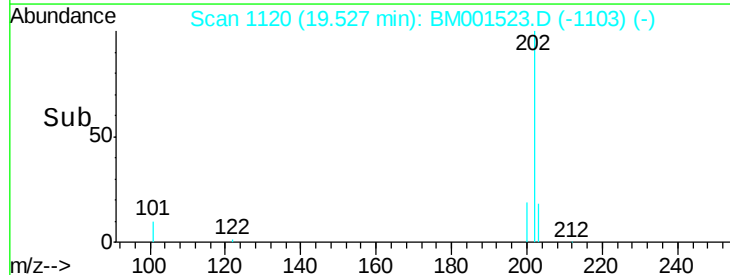
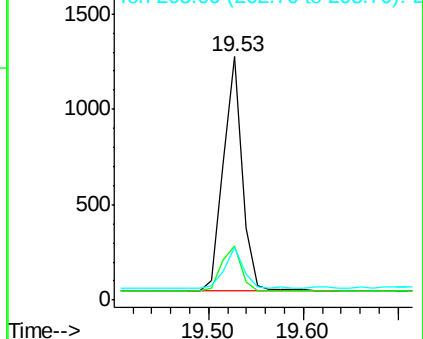
203 17.2 13.9 20.9

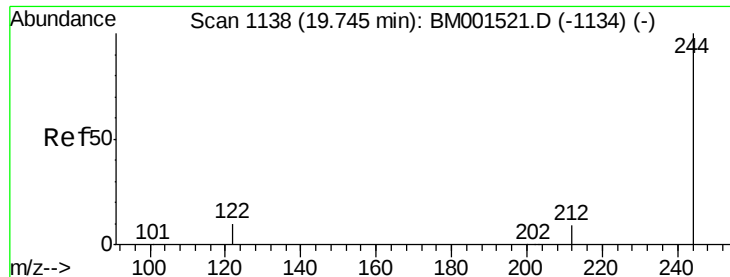


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.10 ng

RT: 19.75 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

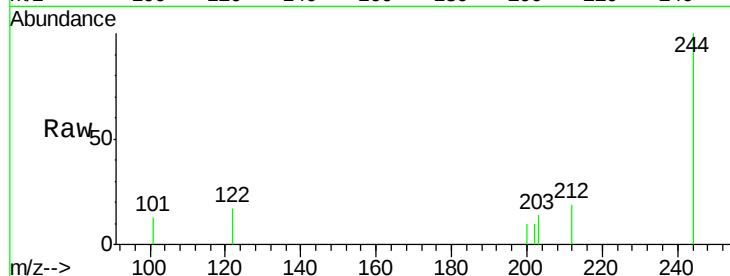
Tgt Ion:244 Resp: 669

Ion Ratio Lower Upper

244 100

212 18.7 7.2 10.8#

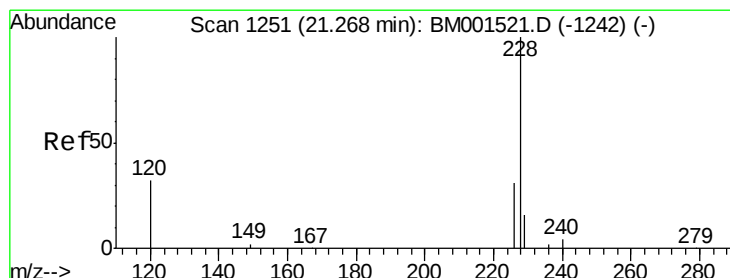
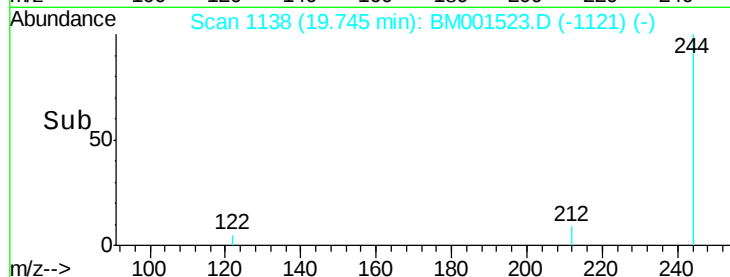
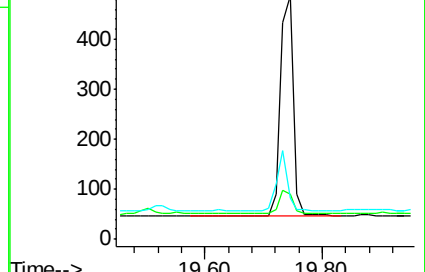
122 17.0 5.1 7.7#



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: 0.11 ng

RT: 21.27 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

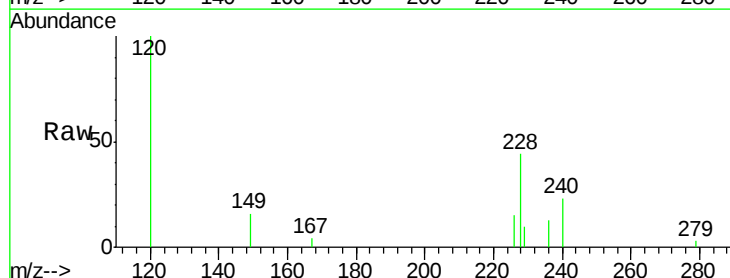
Tgt Ion:228 Resp: 1584

Ion Ratio Lower Upper

228 100

226 33.4 21.9 32.9#

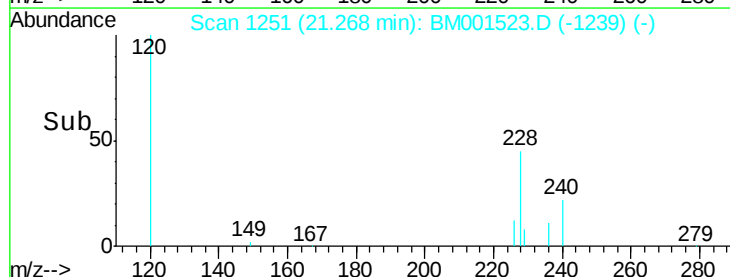
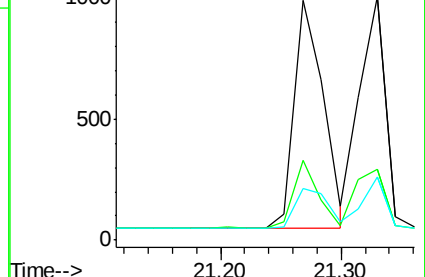
229 21.8 15.1 22.7

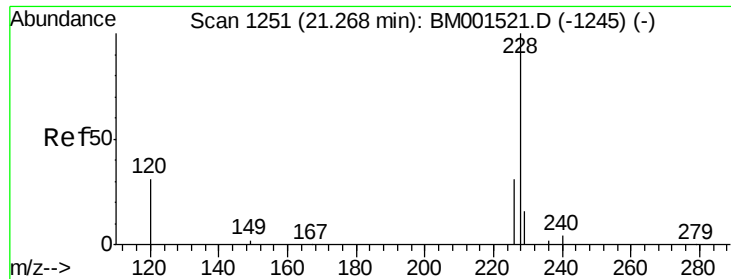


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.10 ng

RT: 21.33 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

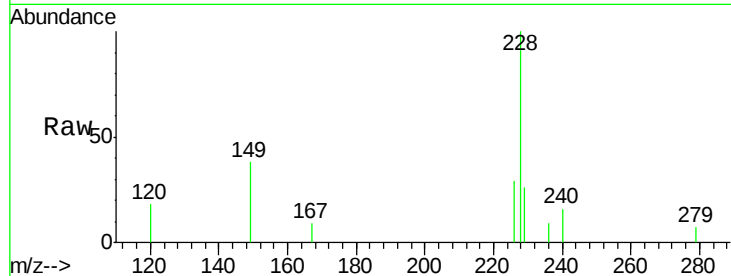
Tgt Ion:228 Resp: 1458

Ion Ratio Lower Upper

228 100

226 29.1 27.6 41.4

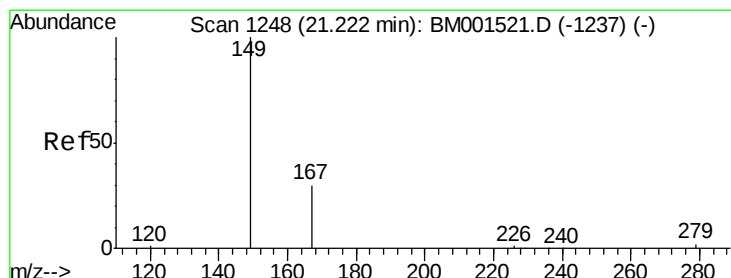
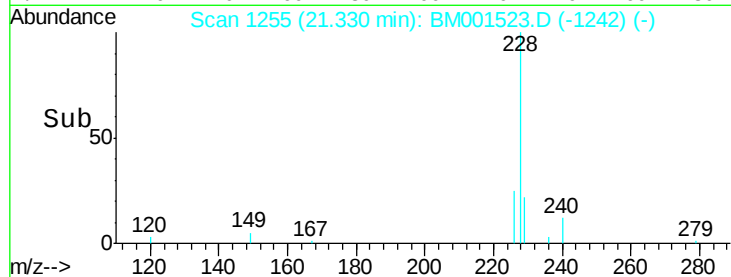
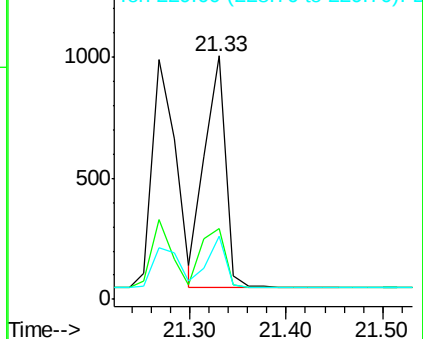
229 25.7 13.6 20.4#



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: 0.10 ng

RT: 21.21 min Scan# 1247

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

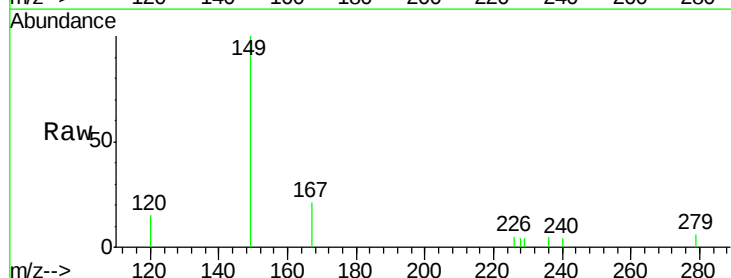
Tgt Ion:149 Resp: 1185

Ion Ratio Lower Upper

149 100

167 23.5 21.0 31.6

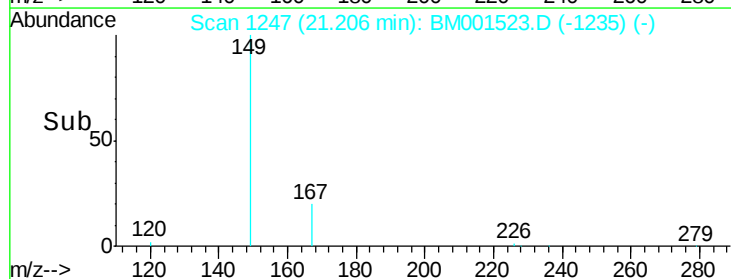
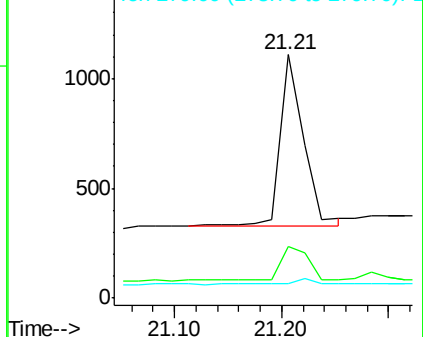
279 3.6 2.2 3.2#

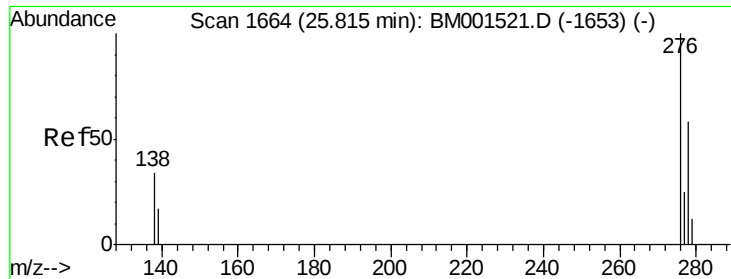


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.10 ng

RT: 25.81 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

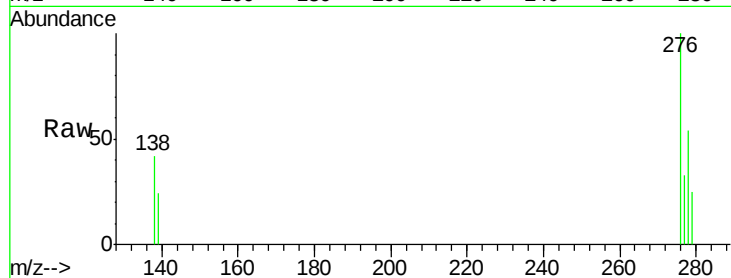
Tgt Ion:276 Resp: 1559

Ion Ratio Lower Upper

276 100

138 35.9 23.4 35.0#

277 24.2 19.5 29.3



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

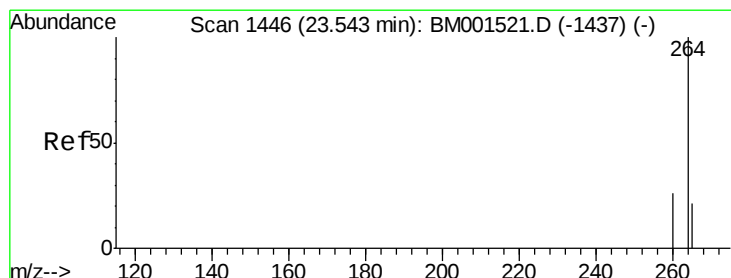
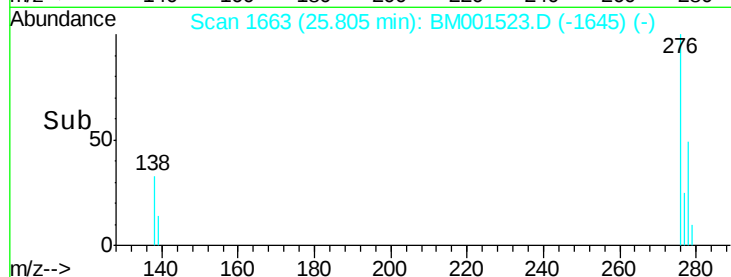
25.81

400

200

0

Time--> 25.60 25.80 26.00



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.54 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

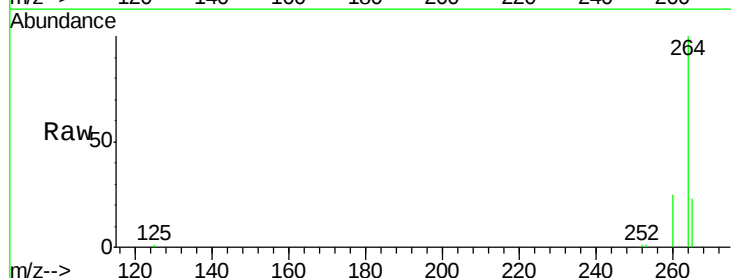
Tgt Ion:264 Resp: 50086

Ion Ratio Lower Upper

264 100

260 24.7 20.1 30.1

265 23.3 17.1 25.7



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

23.54

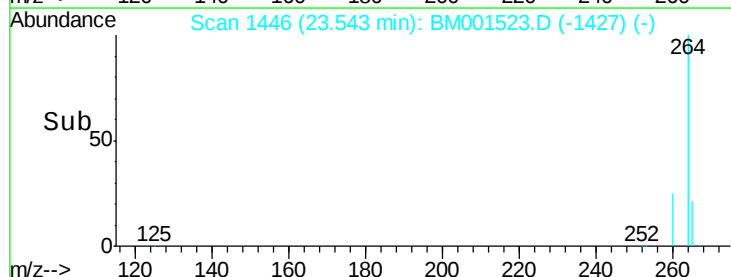
30000

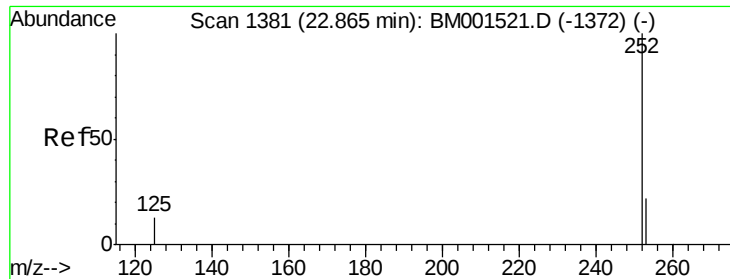
20000

10000

0

Time--> 23.40 23.60





#33

Benzo(b)fluoranthene

Concen: 0.09 ng

RT: 22.85 min Scan# 1380

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

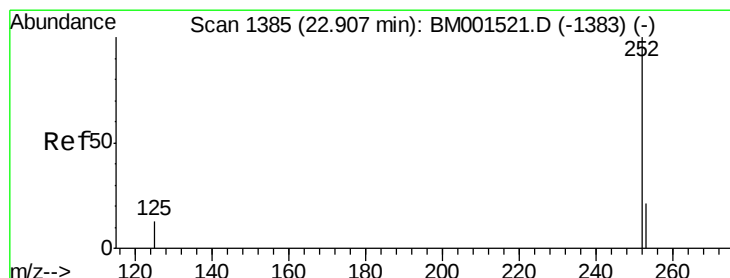
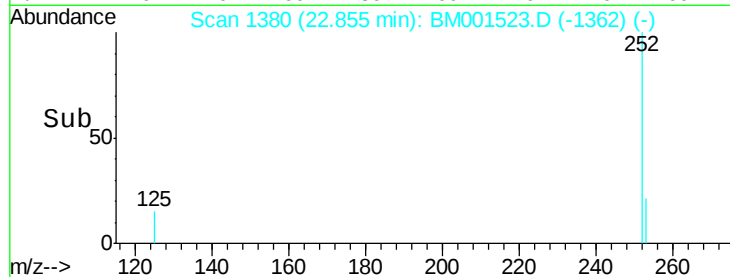
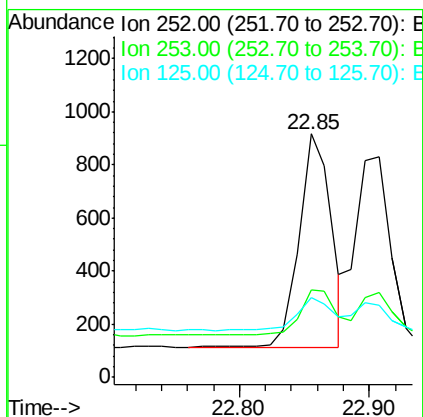
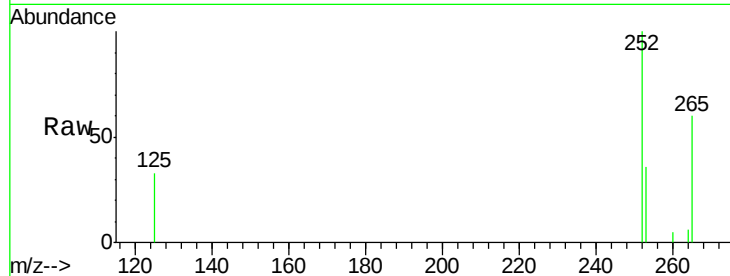
Tgt Ion:252 Resp: 1374

Ion Ratio Lower Upper

252 100

253 35.8 17.4 26.0#

125 32.6 10.2 15.4#



#34

Benzo(k)fluoranthene

Concen: 0.10 ng

RT: 22.91 min Scan# 1385

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

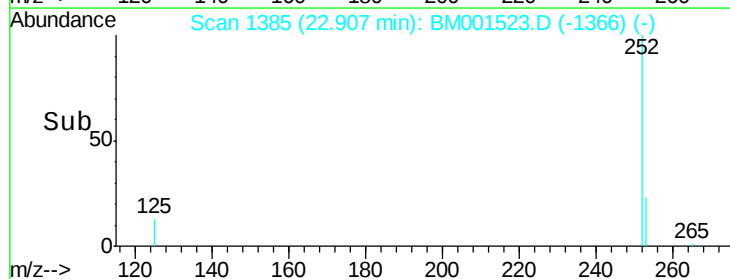
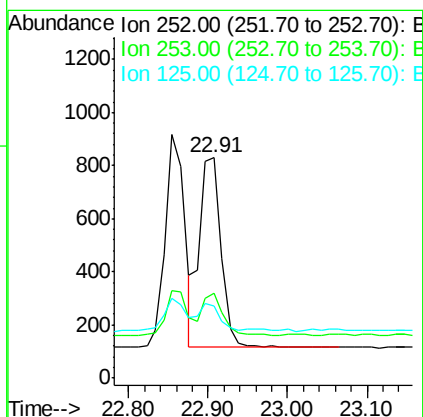
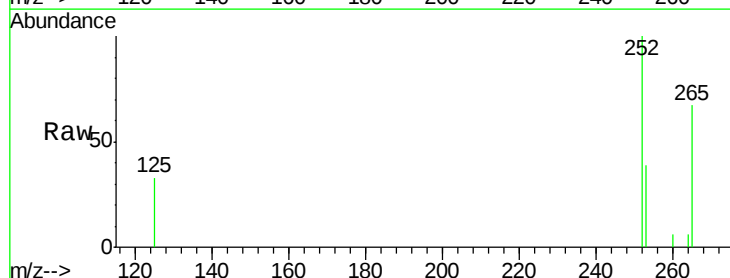
Tgt Ion:252 Resp: 1350

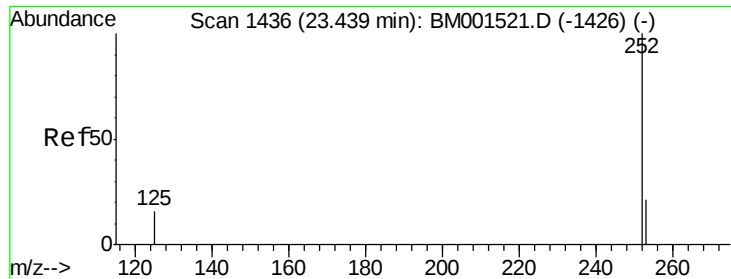
Ion Ratio Lower Upper

252 100

253 38.6 17.6 26.4#

125 32.5 9.7 14.5#





#35

Benzo(a)pyrene

Concen: 0.10 ng

RT: 23.44 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

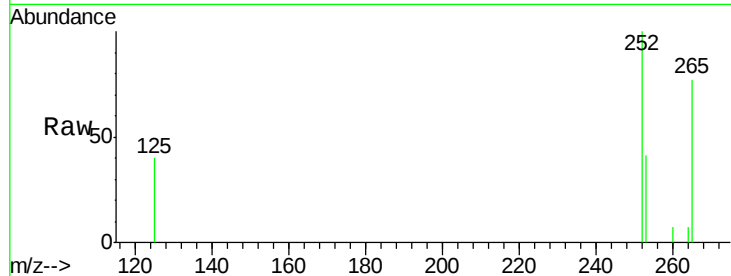
Tgt Ion: 252 Resp: 1220

Ion Ratio Lower Upper

252 100

253 40.9 18.6 28.0#

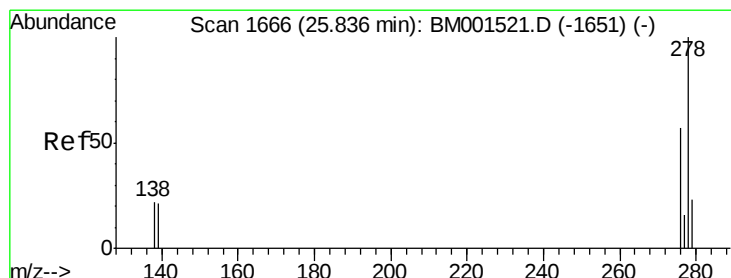
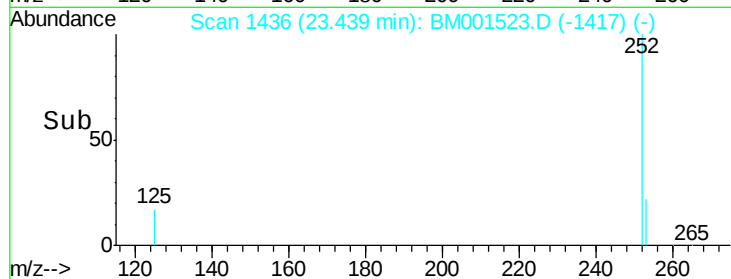
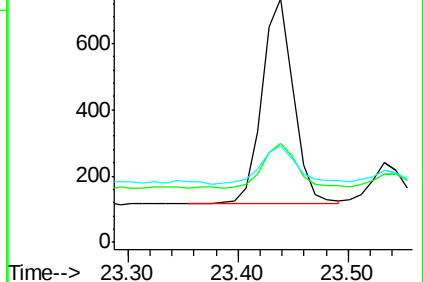
125 39.5 10.7 16.1#



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: 0.10 ng

RT: 25.83 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BM001523.D

Acq: 02 Jun 2015 21:15

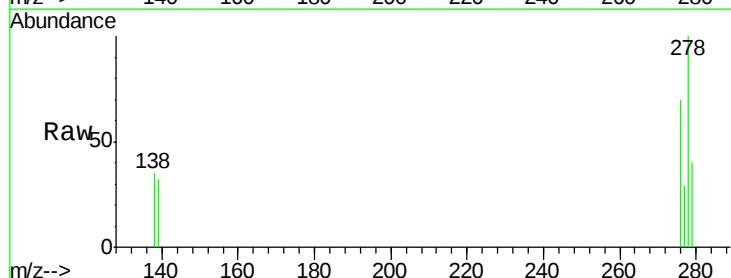
Tgt Ion: 278 Resp: 1248

Ion Ratio Lower Upper

278 100

139 31.9 15.7 23.5#

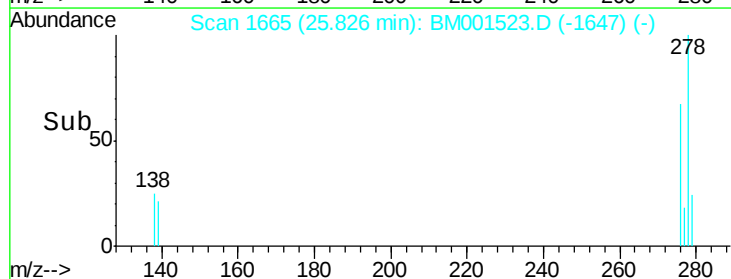
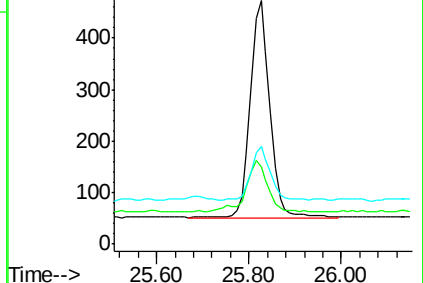
279 40.0 19.4 29.2#

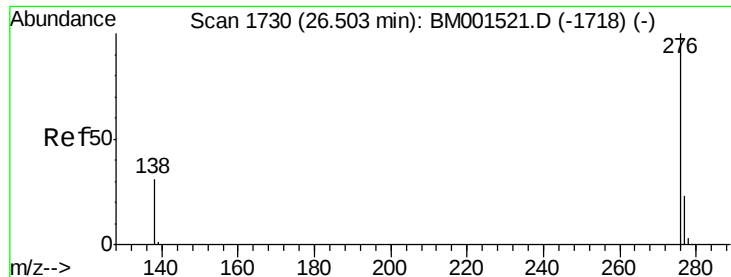


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.10 ng

RT: 26.49 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BM001523.D

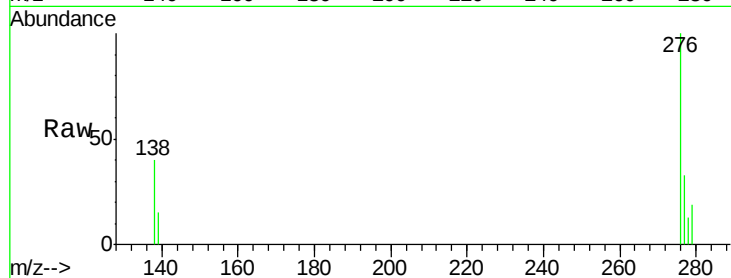
Acq: 02 Jun 2015 21:15

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1



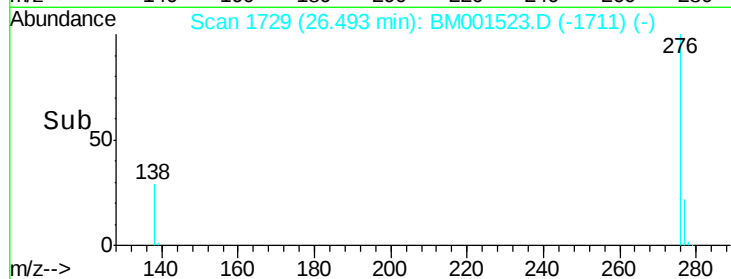
Tgt Ion: 276 Resp: 1321

Ion Ratio Lower Upper

276 100

277 32.7 19.8 29.6#

138 39.6 20.2 30.2#



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

