

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001569.D
 Acq On : 05 Jun 2015 17:14
 Operator : TP/IZ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Jun 06 01:19:08 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 06 01:16:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	33	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	136	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	79	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	157	5.00	ng	0.00
25) Chrysene-d12	21.28	240	280	5.00	ng	0.00
32) Perylene-d12	23.52	264	341	5.00	ng	0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.28	112	82	11.03	ng	0.00
5) Phenol-d6	6.86	99	169	18.48	ng	0.00
7) Nitrobenzene-d5	8.86	82	107	11.17	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	37	11.28	ng	0.00
14) 2-Fluorobiphenyl	12.97	172	189	8.04	ng	0.00
27) Terphenyl-d14	19.72	244	157	4.53	ng	0.00

Target Compounds

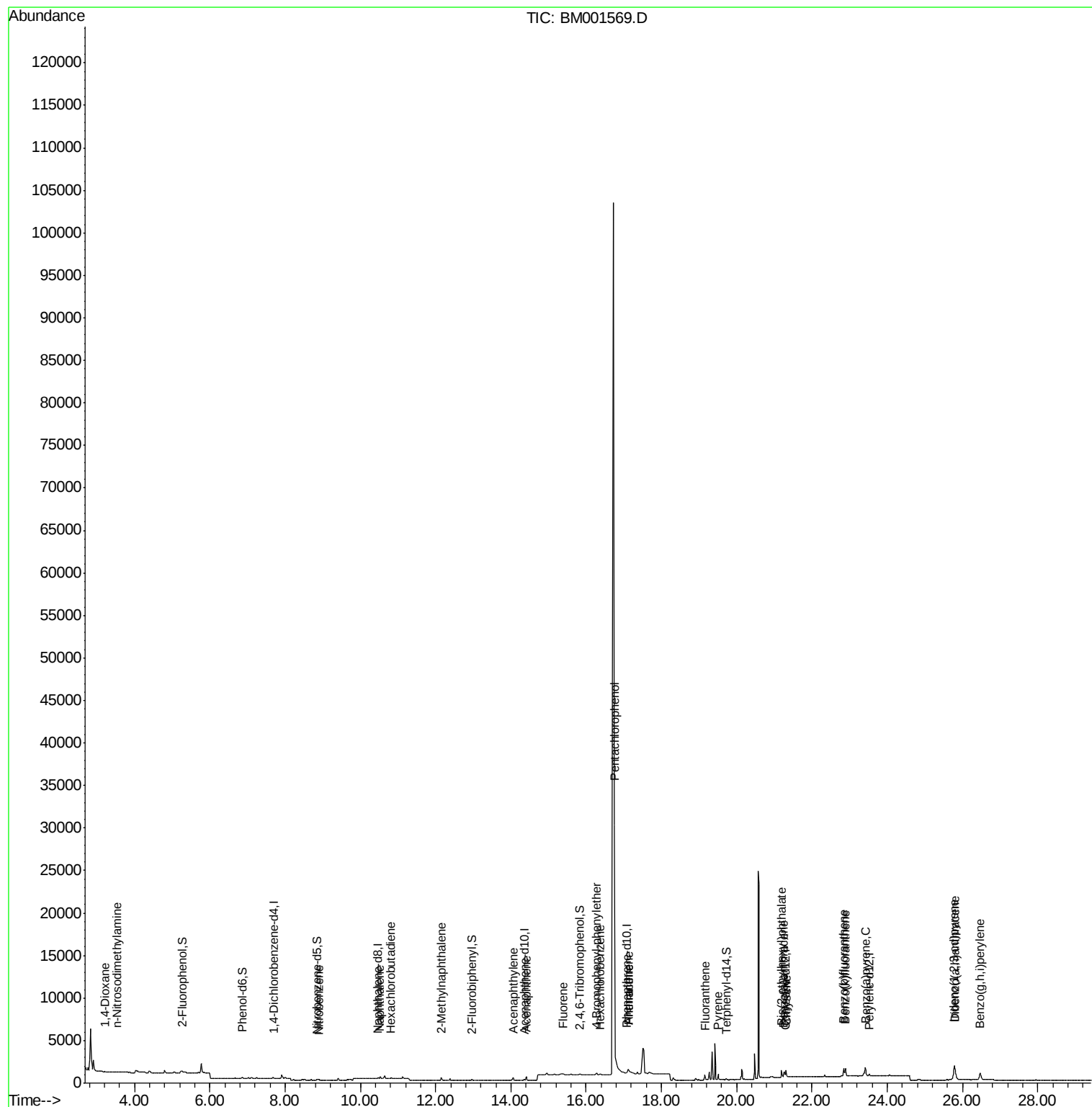
						Qvalue
2) 1,4-Dioxane	3.21	88	108	31.27	ng	# 41
3) n-Nitrosodimethylamine	3.52	42	65	12.72	ng	# 90
8) Nitrobenzene	8.90	77	117	11.57	ng	# 91
9) Naphthalene	10.52	128	376	13.13	ng	# 59
10) Hexachlorobutadiene	10.82	225	60	12.15	ng	92
11) 2-Methylnaphthalene	12.15	142	253	14.08	ng	# 90
15) Acenaphthylene	14.06	152	372	10.87	ng	# 94
16) Acenaphthene	14.41	154	245	11.80	ng	99
17) Fluorene	15.39	166	179	10.98	ng	# 96
19) 4-Bromophenyl-phenylether	16.27	248	126	19.03	ng	96
20) Hexachlorobenzene	16.38	284	61	17.68	ng	# 69
21) Pentachlorophenol	16.75	266	42874	23537.51	ng	92
22) Phenanthrene	17.12	178	634	13.63	ng	# 79
23) Anthracene	17.12	178	862	40.99	ng	# 59
24) Fluoranthene	19.15	202	559	16.83	ng	# 90
26) Pyrene	19.52	202	660	7.64	ng	98
28) Benzo(a)anthracene	21.25	228	844	10.77	ng	# 81
29) Chrysene	21.31	228	797	11.35	ng	# 87
30) Bis(2-ethylhexyl)phthalate	21.19	149	860	15.50	ng	# 96
31) Indeno(1,2,3-cd)pyrene	25.77	276	2480	32.15	ng	98
33) Benzo(b)fluoranthene	22.84	252	1344	14.21	ng	# 51
34) Benzo(k)fluoranthene	22.89	252	1172	13.24	ng	# 69
35) Benzo(a)pyrene	23.42	252	1511	17.68	ng	# 54
36) Dibenzo(a,h)anthracene	25.79	278	2132	26.73	ng	# 83
37) Benzo(g,h,i)perylene	26.47	276	2002	23.87	ng	# 86

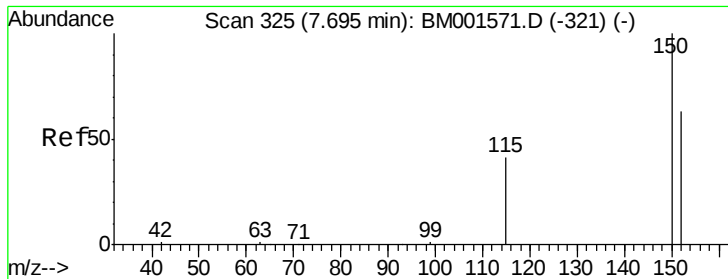
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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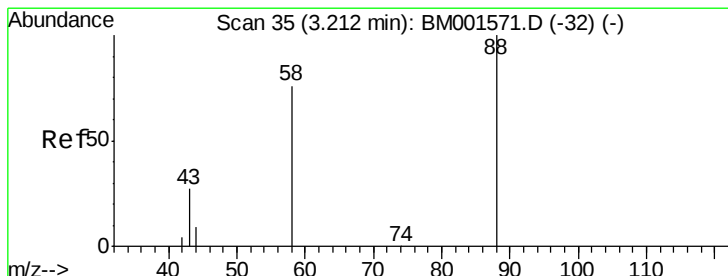
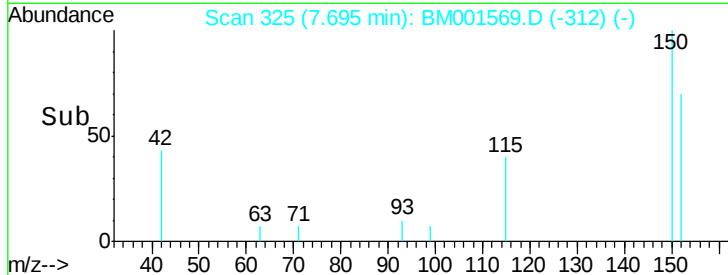
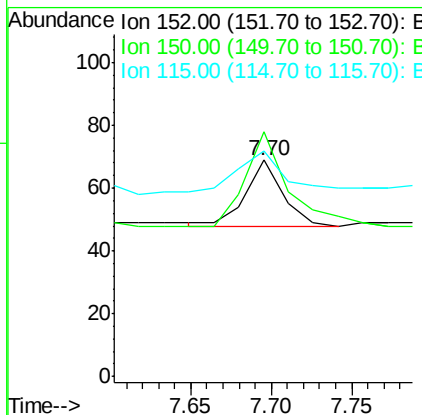
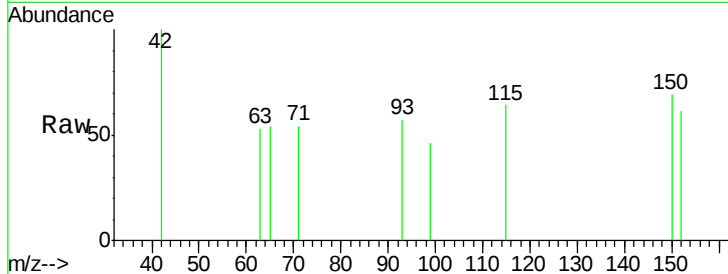


#1

1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.70 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: BM001569.D
 Acq: 05 Jun 2015 17:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

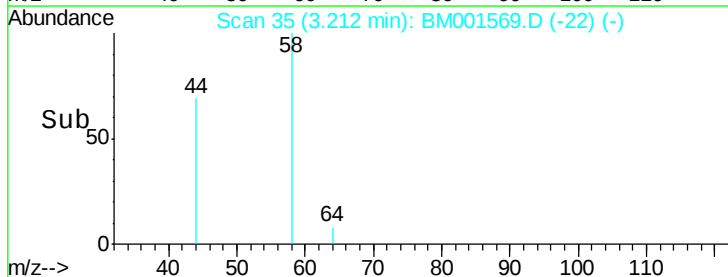
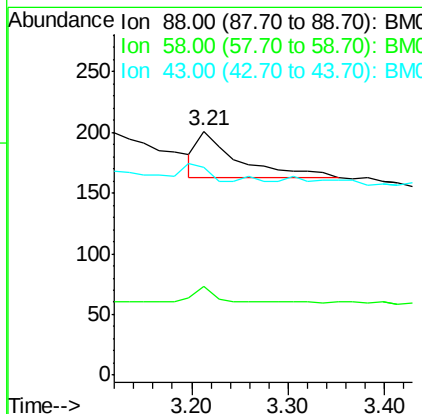
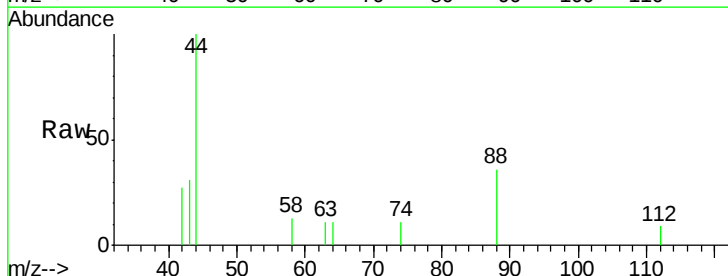
Tgt Ion: 152 Resp: 33
 Ion Ratio Lower Upper
 152 100
 150 113.0 126.6 190.0#
 115 104.3 51.6 77.4#

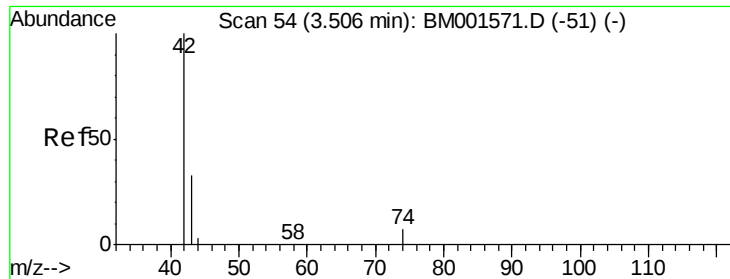


#2

1,4-Dioxane
 Concen: 31.27 ng
 RT: 3.21 min Scan# 35
 Delta R.T. 0.00 min
 Lab File: BM001569.D
 Acq: 05 Jun 2015 17:14

Tgt Ion: 88 Resp: 108
 Ion Ratio Lower Upper
 88 100
 58 17.6 66.1 99.1#
 43 21.3 32.3 48.5#





#3

n-Nitrosodimethylamine

Concen: 12.72 ng

RT: 3.52 min Scan# 55

Delta R.T. 0.02 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

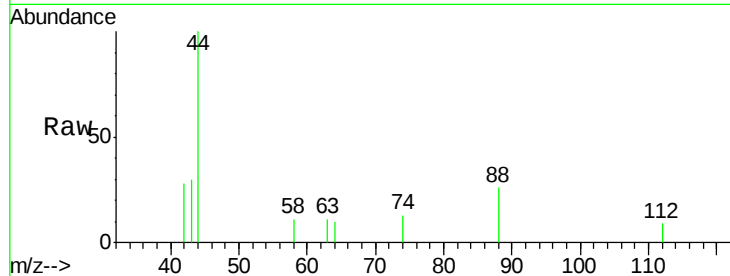
Tgt Ion: 42 Resp: 65

Ion Ratio Lower Upper

42 100

74 87.7 77.2 115.8

44 0.0 7.4 11.2#

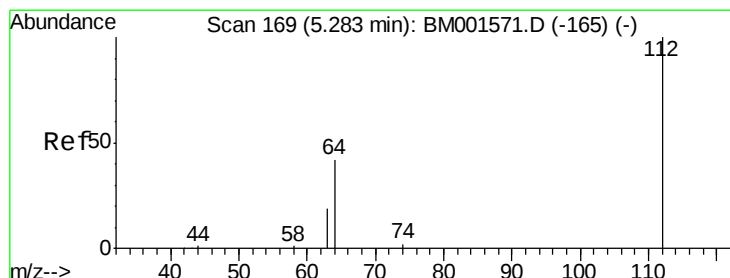
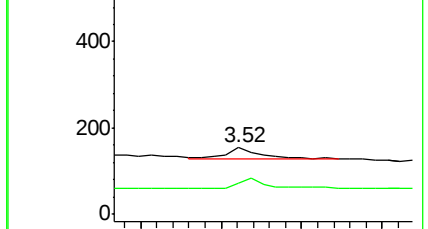
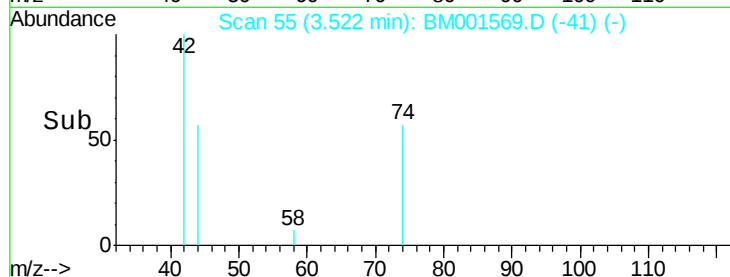


Abundance Ion 42.00 (41.70 to 42.70): BM001571.D (-51) (-)

Ion 74.00 (73.70 to 74.70): BM001571.D (-51) (-)

Ion 44.00 (43.70 to 44.70): BM001571.D (-51) (-)

Time-->



#4

2-Fluorophenol

Concen: 11.03 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

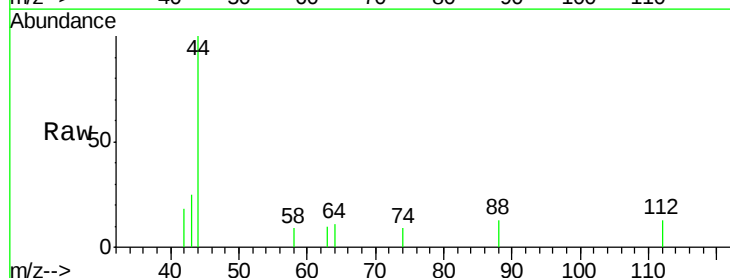
Tgt Ion: 112 Resp: 82

Ion Ratio Lower Upper

112 100

64 63.4 53.3 79.9

63 35.4 29.7 44.5

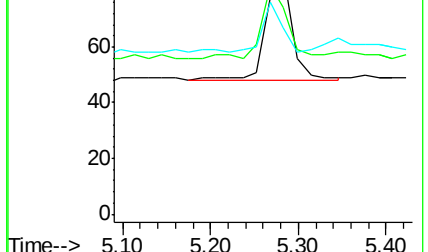
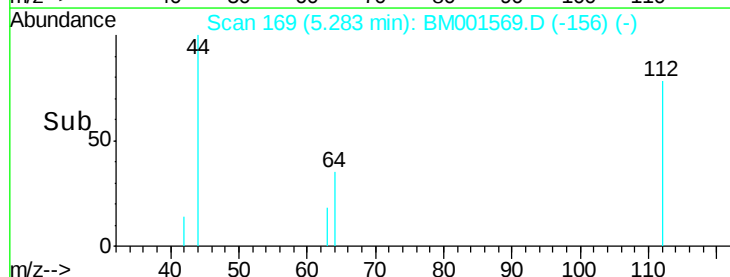


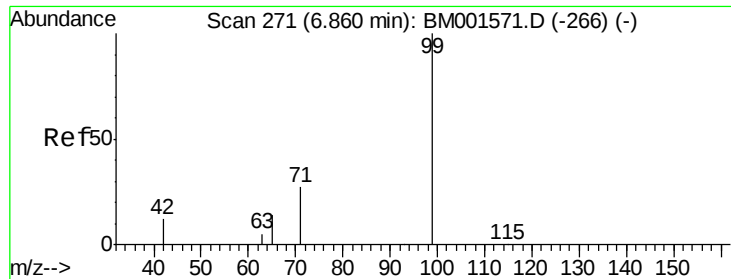
Abundance Ion 112.00 (111.70 to 112.70): BM001571.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001571.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001571.D (-165) (-)

Time-->





#5

Phenol-d6

Concen: 18.48 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

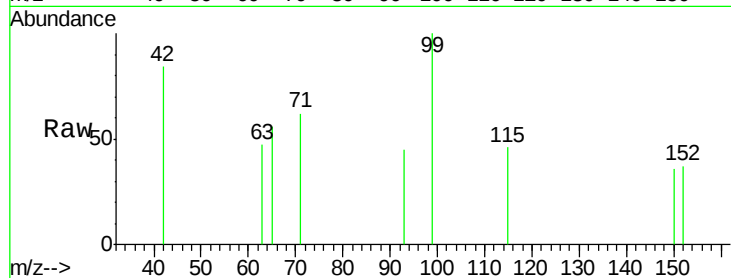
Tgt Ion: 99 Resp: 169

Ion Ratio Lower Upper

99 100

42 36.7 21.4 32.2#

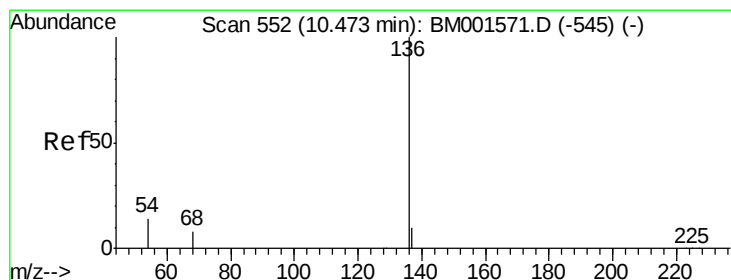
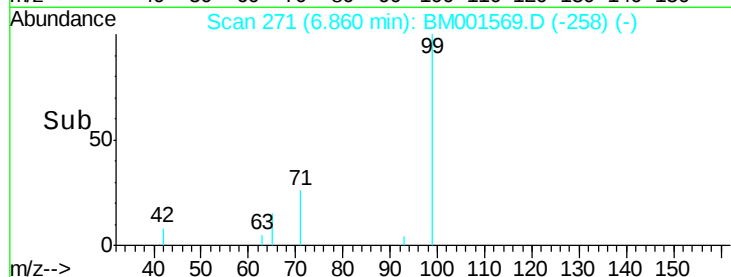
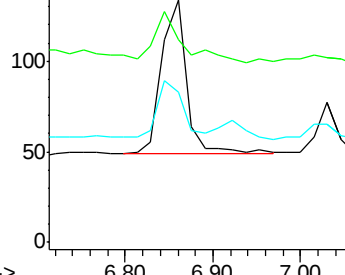
71 37.9 29.0 43.4



Abundance Ion 99.00 (98.70 to 99.70): BM001571.D (-266) (-)

Ion 42.00 (41.70 to 42.70): BM001571.D (-266) (-)

Ion 71.00 (70.70 to 71.70): BM001571.D (-266) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Tgt Ion: 136 Resp: 136

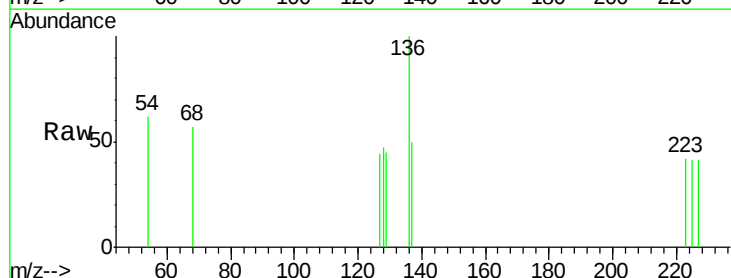
Ion Ratio Lower Upper

136 100

137 50.0 8.1 12.1#

54 62.3 11.7 17.5#

68 57.0 6.6 9.8#

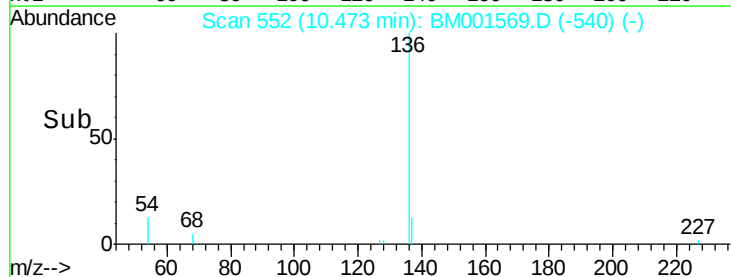
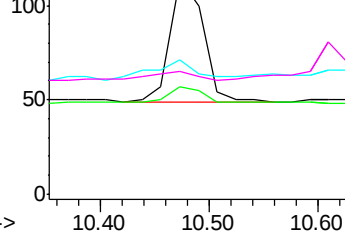


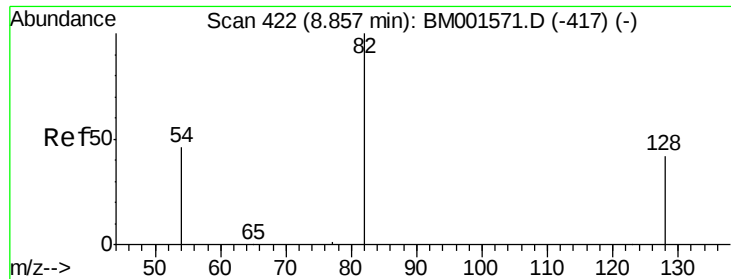
Abundance Ion 136.00 (135.70 to 136.70): BM001571.D (-545) (-)

Ion 137.00 (136.70 to 137.70): BM001571.D (-545) (-)

Ion 54.00 (53.70 to 54.70): BM001571.D (-545) (-)

Ion 68.00 (67.70 to 68.70): BM001571.D (-545) (-)





#7

Nitrobenzene-d5

Concen: 11.17 ng

RT: 8.86 min Scan# 422

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

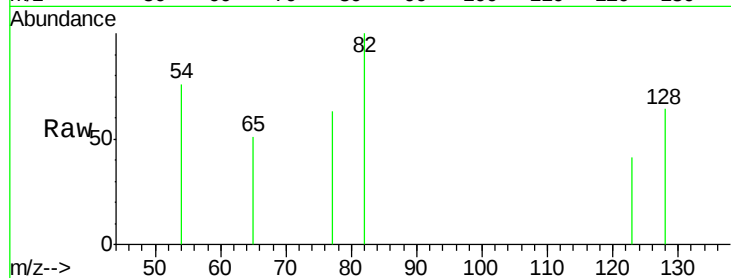
Tgt Ion: 82 Resp: 107

Ion Ratio Lower Upper

82 100

128 63.9 34.1 51.1#

54 75.6 37.8 56.6#



Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BM0

8.86

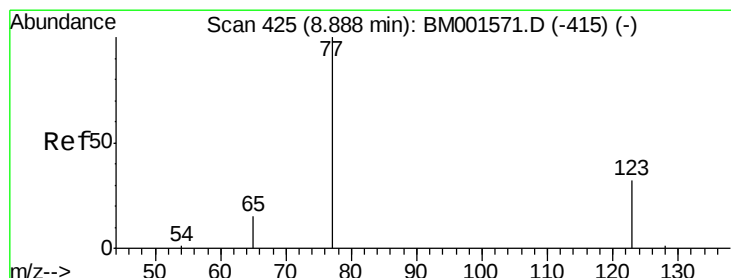
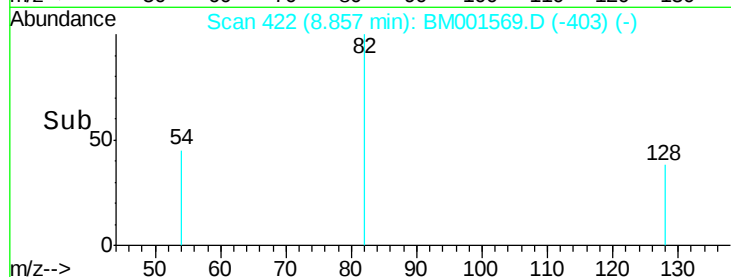
100

50

0

8.80 8.85 8.90

Time-->



#8

Nitrobenzene

Concen: 11.57 ng

RT: 8.90 min Scan# 426

Delta R.T. 0.01 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

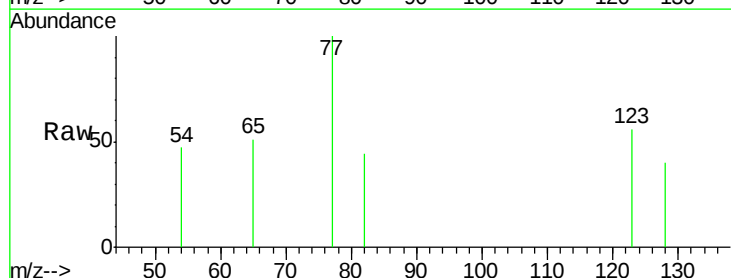
Tgt Ion: 77 Resp: 117

Ion Ratio Lower Upper

77 100

123 42.7 31.7 47.5

65 22.2 11.4 17.0#



Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BM0

8.90

150

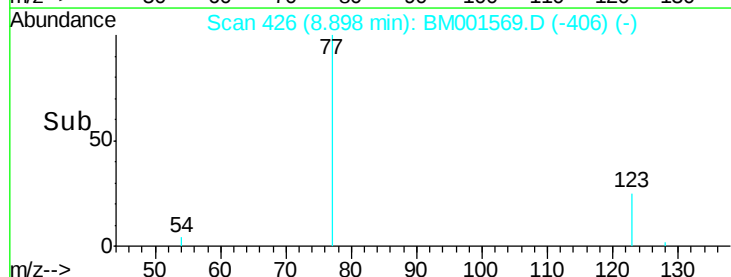
100

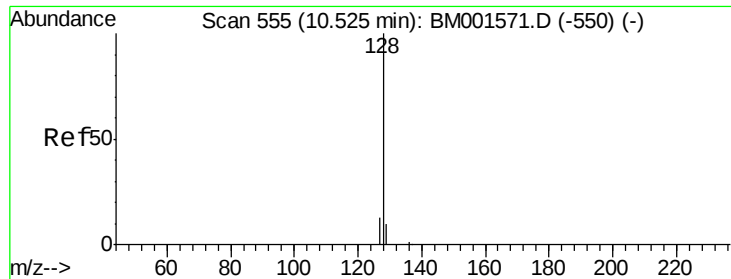
50

0

8.85 8.90 8.95

Time-->





#9

Naphthalene

Concen: 13.13 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

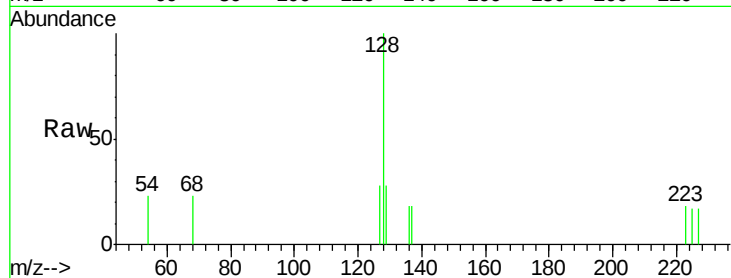
Tgt Ion:128 Resp: 376

Ion Ratio Lower Upper

128 100

129 27.7 8.7 13.1#

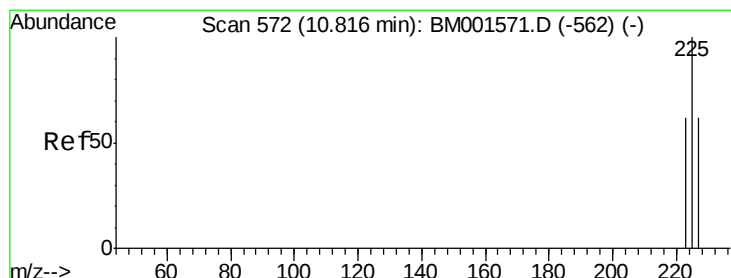
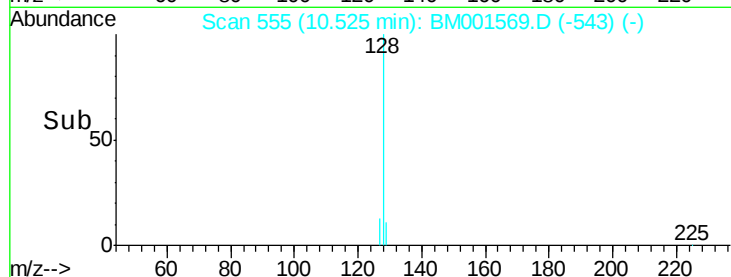
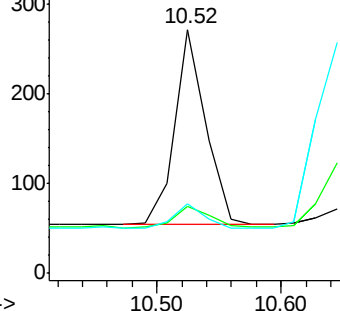
127 28.4 10.7 16.1#



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: 12.15 ng

RT: 10.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

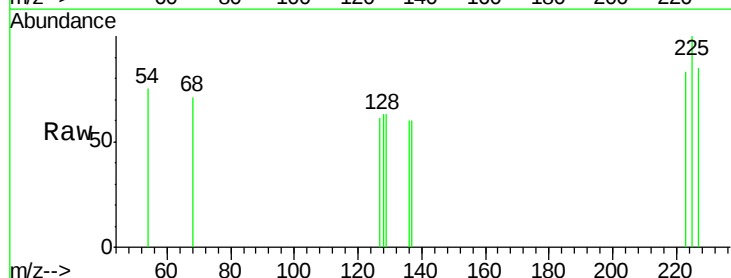
Tgt Ion:225 Resp: 60

Ion Ratio Lower Upper

225 100

223 65.0 50.4 75.6

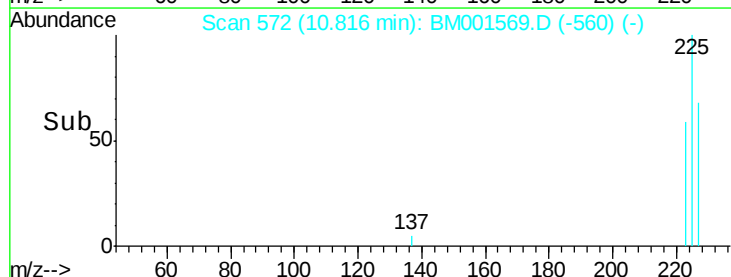
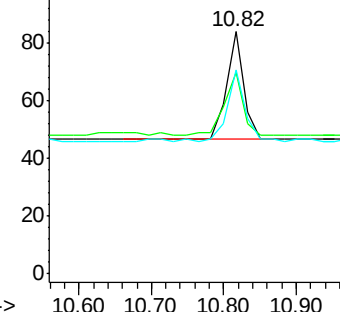
227 73.3 50.8 76.2

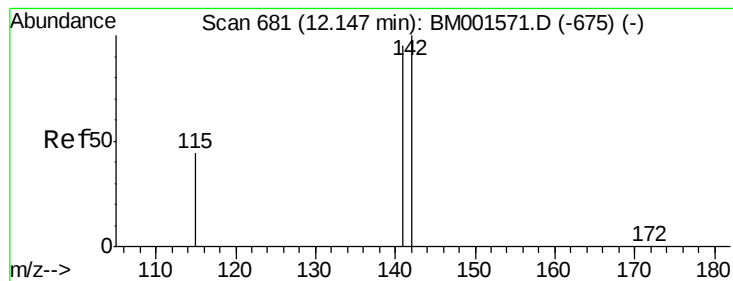


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 14.08 ng

RT: 12.15 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM001569.D

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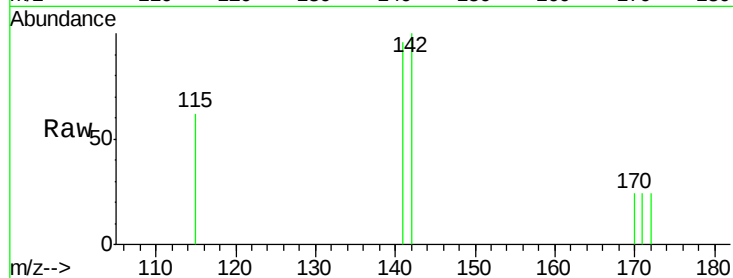
Tgt Ion:142 Resp: 253

Ion Ratio Lower Upper

142 100

141 96.4 75.6 113.4

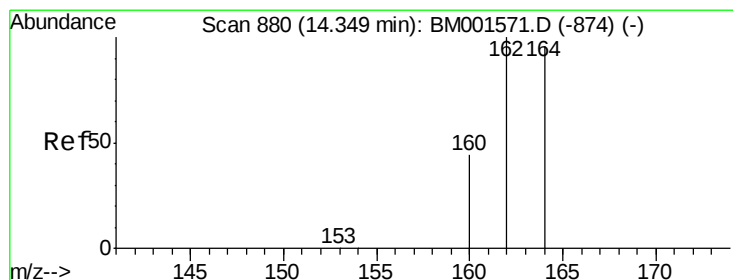
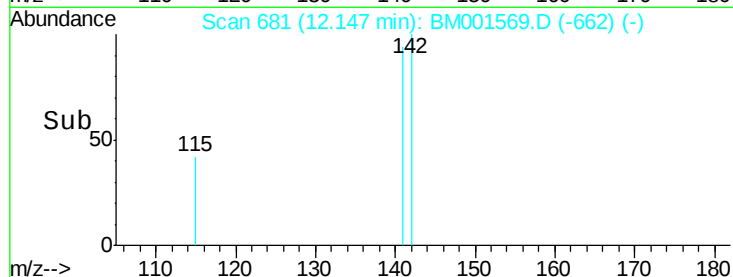
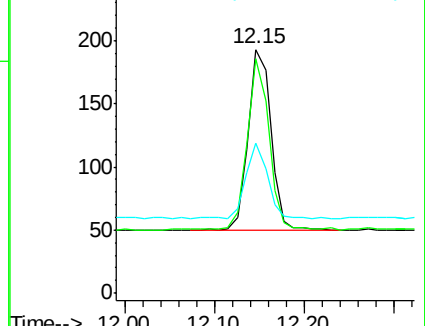
115 61.7 35.5 53.3#



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: 14.35 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

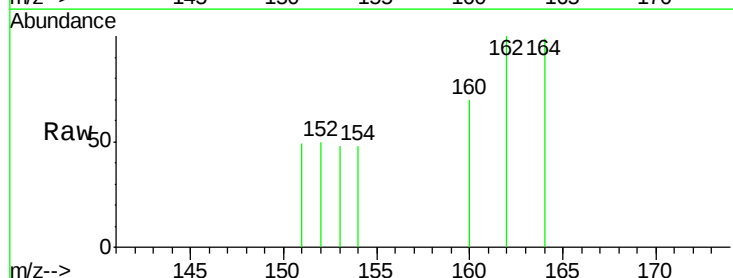
Tgt Ion:164 Resp: 79

Ion Ratio Lower Upper

164 100

162 101.0 83.8 125.6

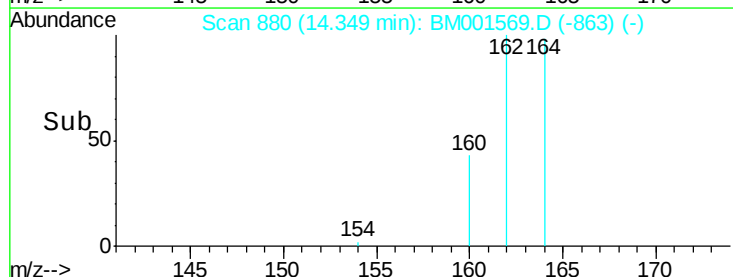
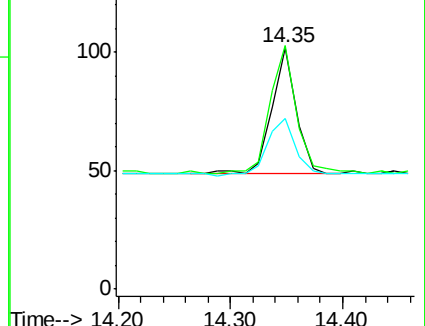
160 70.6 37.1 55.7#

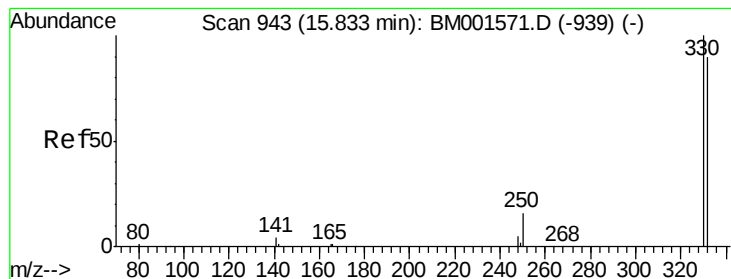


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#13

2,4,6-Tribromophenol

Concen: 11.28 ng

RT: 15.83 min Scan# 943

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

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SSTDIC005

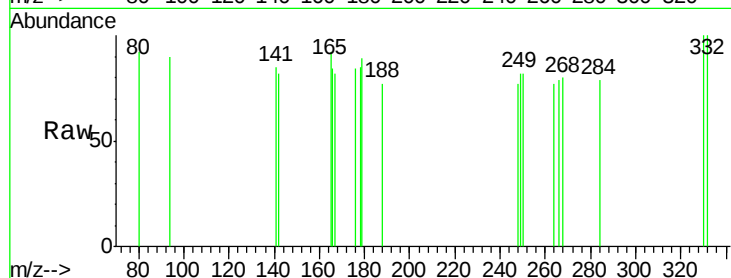
Tgt Ion:330 Resp: 37

Ion Ratio Lower Upper

330 100

332 89.2 72.0 108.0

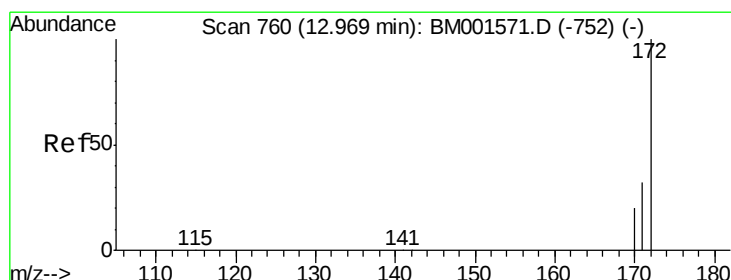
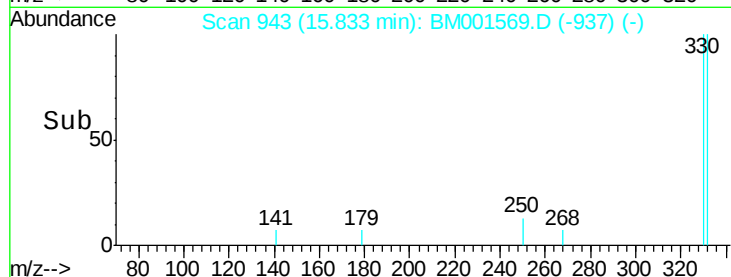
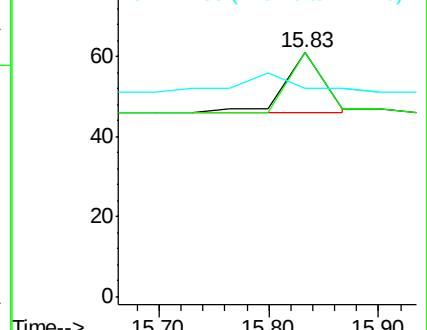
141 0.0 0.0 0.0



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: 8.04 ng

RT: 12.97 min Scan# 760

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

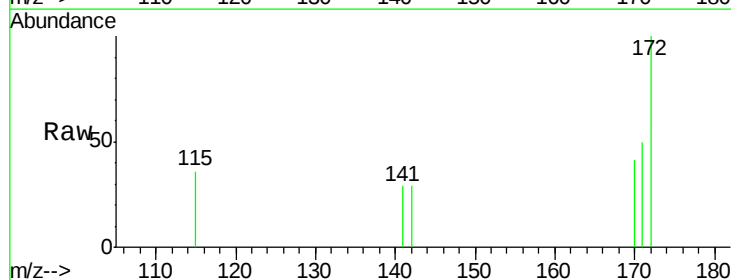
Tgt Ion:172 Resp: 189

Ion Ratio Lower Upper

172 100

171 50.0 26.2 39.2#

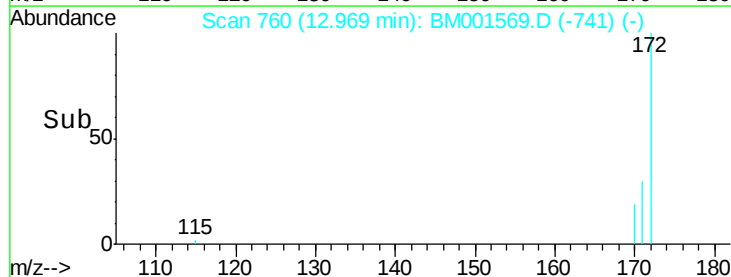
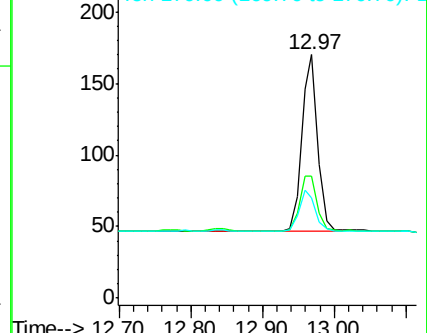
170 41.2 16.1 24.1#

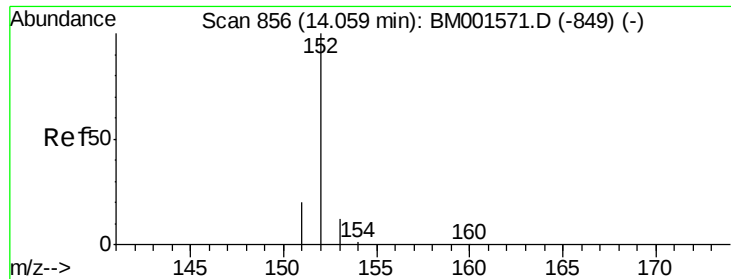


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#15

Acenaphthylene

Concen: 10.87 ng

RT: 14.06 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

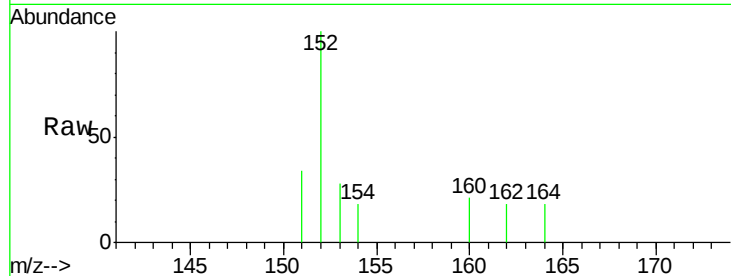
Tgt Ion:152 Resp: 372

Ion Ratio Lower Upper

152 100

151 21.0 15.2 22.8

153 16.7 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

14.06

300

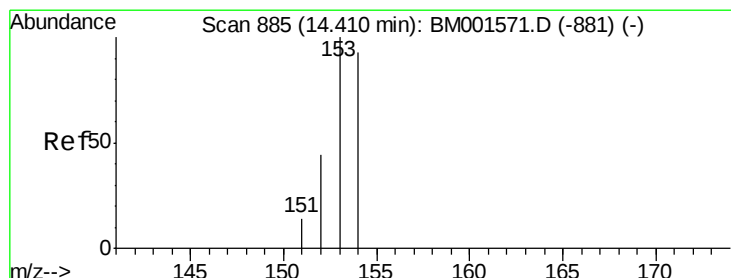
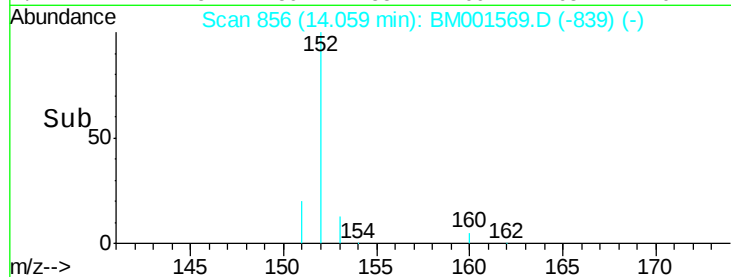
200

100

0

Time-->

14.00 14.20



#16

Acenaphthene

Concen: 11.80 ng

RT: 14.41 min Scan# 885

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

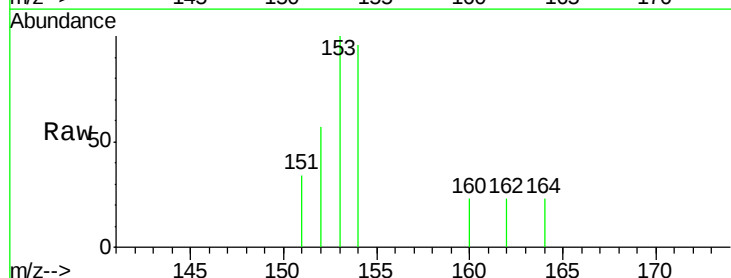
Tgt Ion:154 Resp: 245

Ion Ratio Lower Upper

154 100

153 112.7 89.1 133.7

152 55.5 43.2 64.8



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

14.41

250

200

150

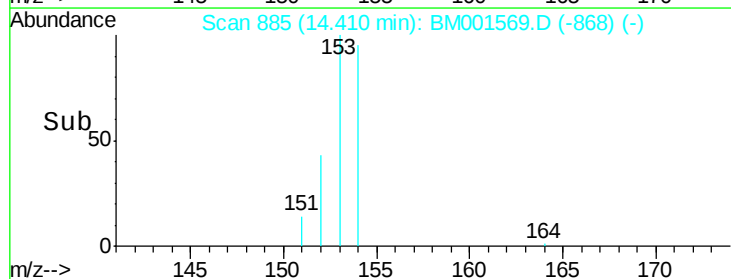
100

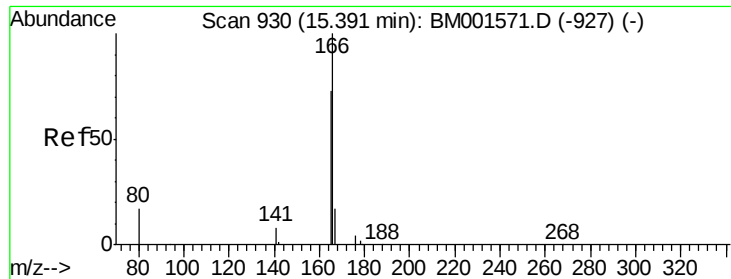
50

0

Time-->

14.30 14.35 14.40 14.45

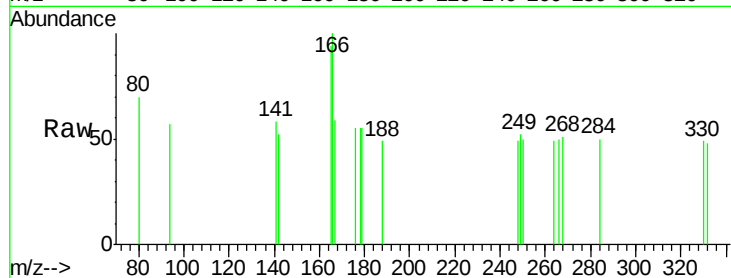




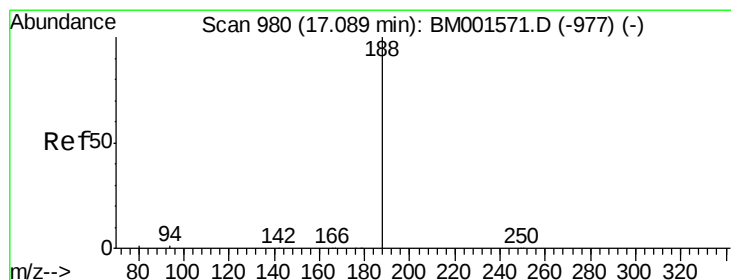
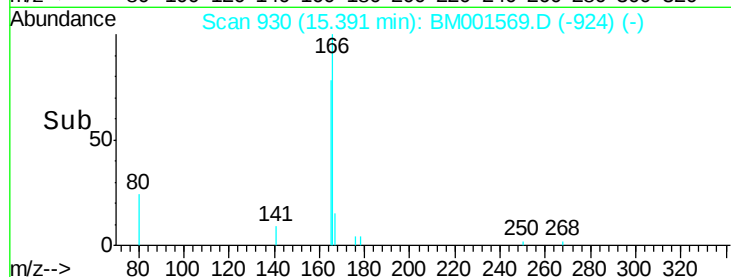
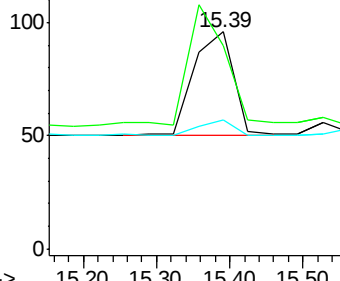
#17
Fluorene
 Concen: 10.98 ng
 RT: 15.39 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BM001569.D
 Acq: 05 Jun 2015 17:14

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Tgt Ion:166 Resp: 179
 Ion Ratio Lower Upper
 166 100
 165 0.0 0.0 0.0
 167 12.3 11.3 16.9

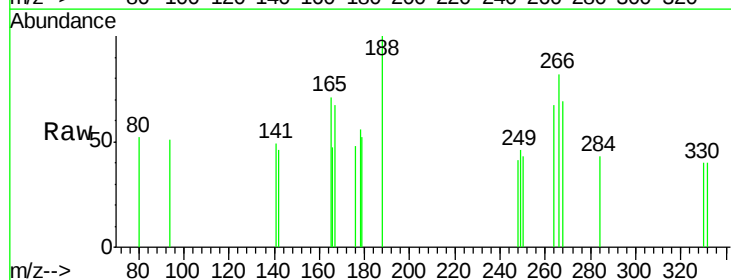


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

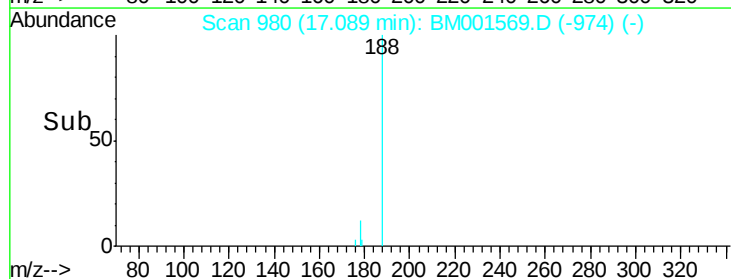
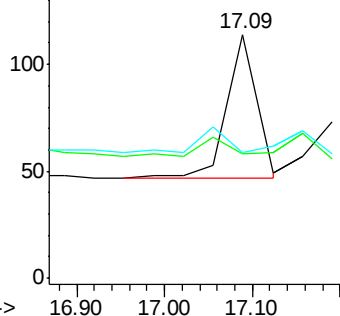


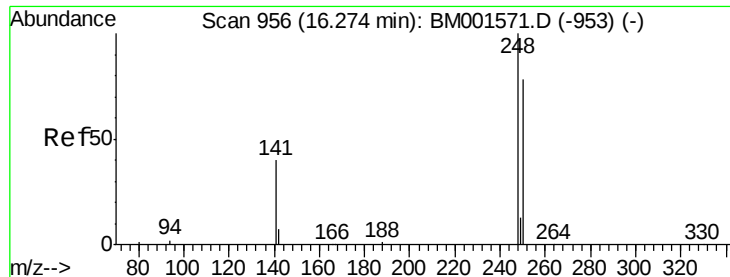
#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.09 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM001569.D
 Acq: 05 Jun 2015 17:14

Tgt Ion:188 Resp: 157
 Ion Ratio Lower Upper
 188 100
 94 50.9 0.7 1.1#
 80 51.8 0.6 1.0#



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

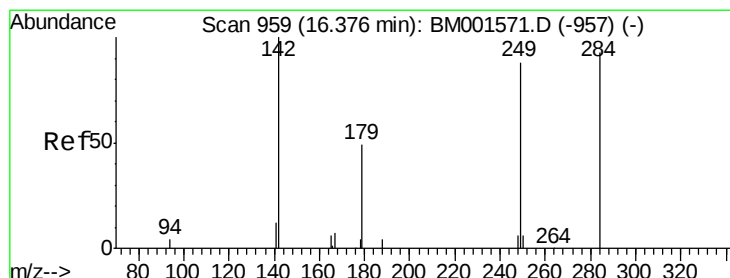
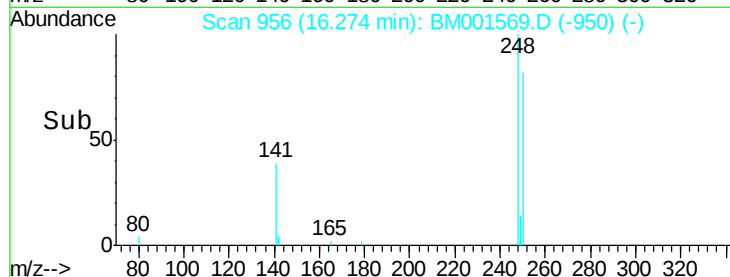
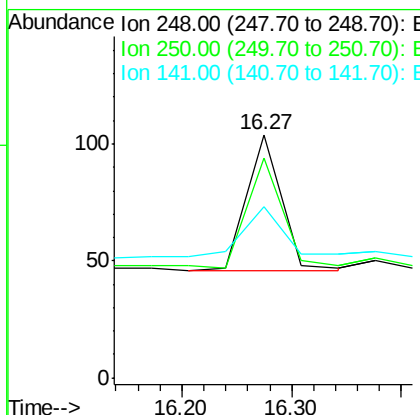
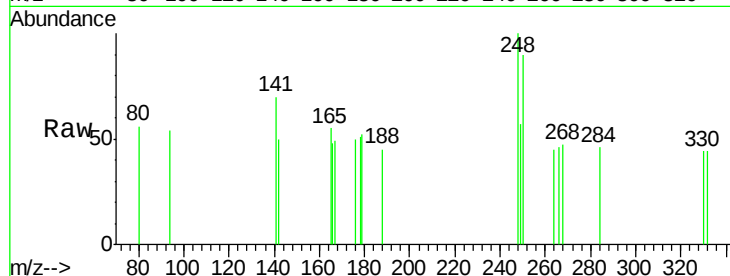




#19
4-Bromophenyl-phenylether
Concen: 19.03 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001569.D
Acq: 05 Jun 2015 17:14

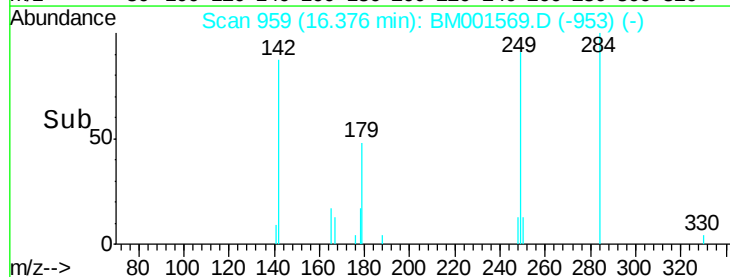
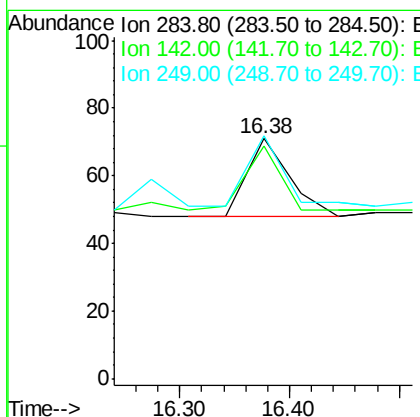
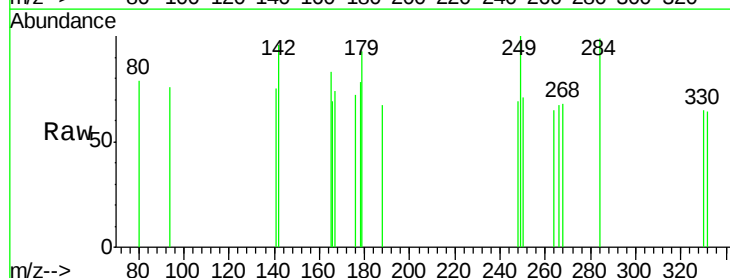
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

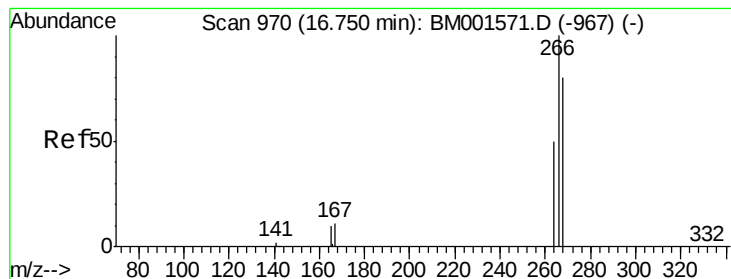
Tgt Ion: 248 Resp: 126
Ion Ratio Lower Upper
248 100
250 76.2 63.1 94.7
141 46.8 35.0 52.6



#20
Hexachlorobenzene
Concen: 17.68 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001569.D
Acq: 05 Jun 2015 17:14

Tgt Ion: 284 Resp: 61
Ion Ratio Lower Upper
284 100
142 73.8 64.2 96.2
249 116.4 55.4 83.0#





#21

Pentachlorophenol

Concen: 23537.51 ng

RT: 16.75 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

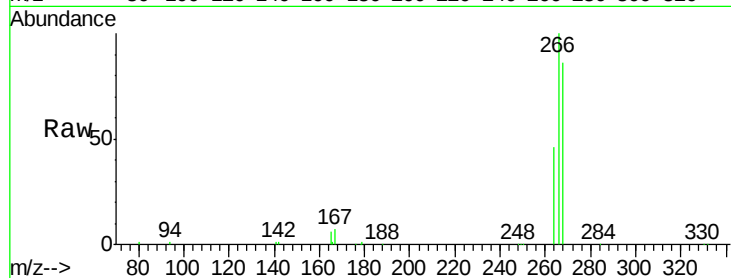
Tgt Ion:266 Resp: 42874

Ion Ratio Lower Upper

266 100

268 86.1 66.3 99.5

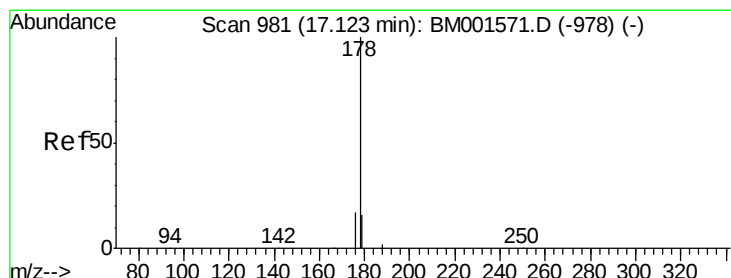
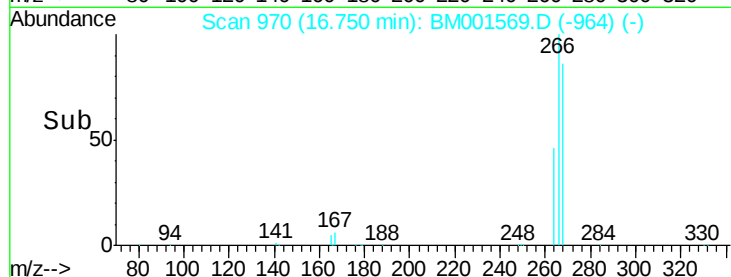
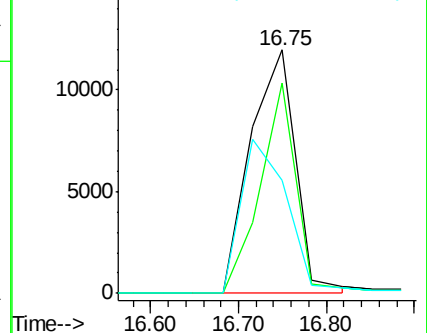
264 46.3 45.5 68.3



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: 13.63 ng

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

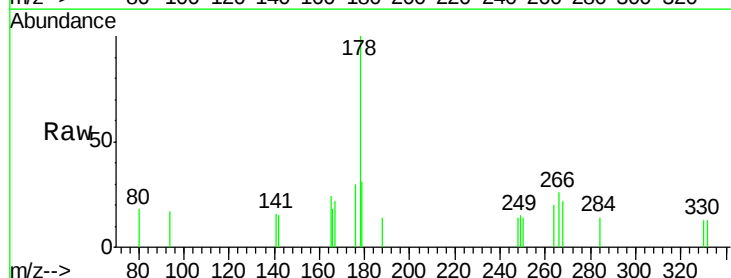
Tgt Ion:178 Resp: 634

Ion Ratio Lower Upper

178 100

176 17.7 13.5 20.3

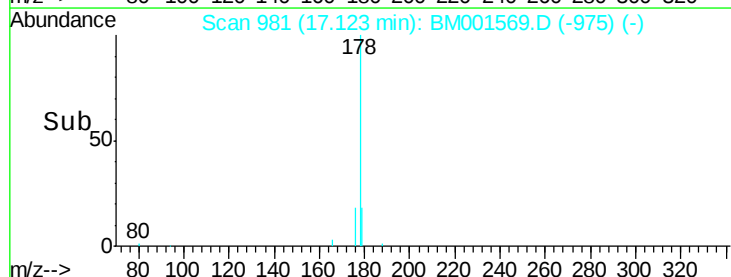
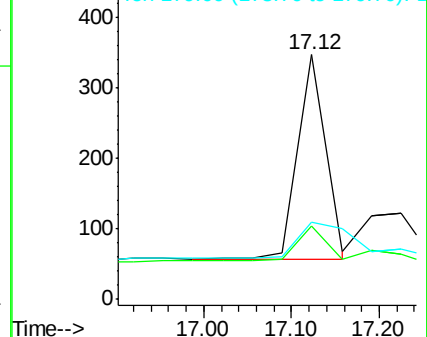
179 33.8 13.3 19.9#

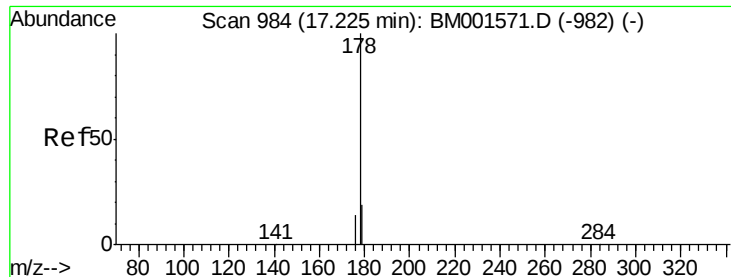


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 40.99 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.10 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

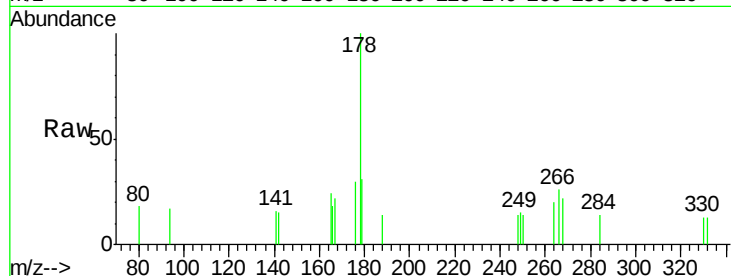
Tgt Ion:178 Resp: 862

Ion Ratio Lower Upper

178 100

176 17.5 45.9 68.9#

179 27.4 33.3 49.9#



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

17.12

400

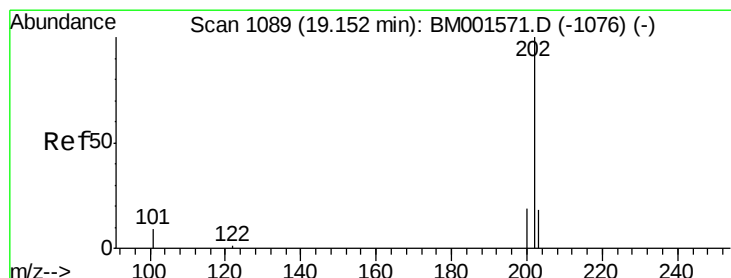
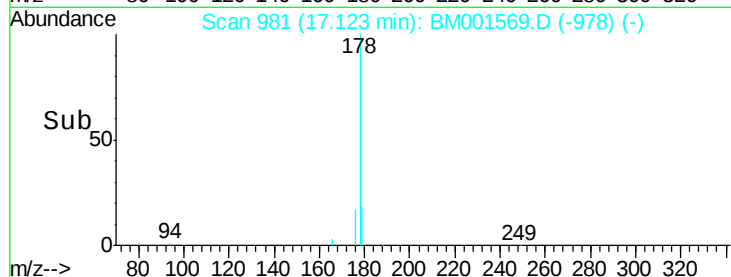
300

200

100

0

Time--> 17.00 17.10 17.20 17.30



#24

Fluoranthene

Concen: 16.83 ng

RT: 19.15 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

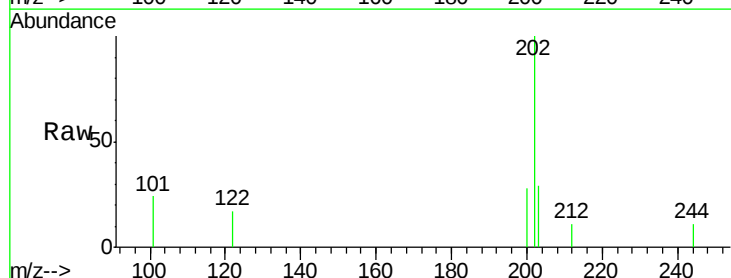
Tgt Ion:202 Resp: 559

Ion Ratio Lower Upper

202 100

101 20.4 10.0 15.0#

203 18.8 13.9 20.9



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

19.15

500

400

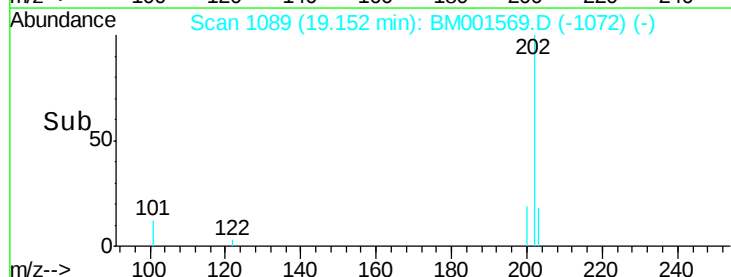
300

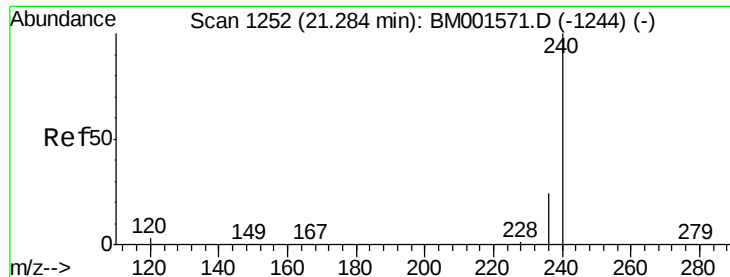
200

100

0

Time--> 19.10 19.20





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

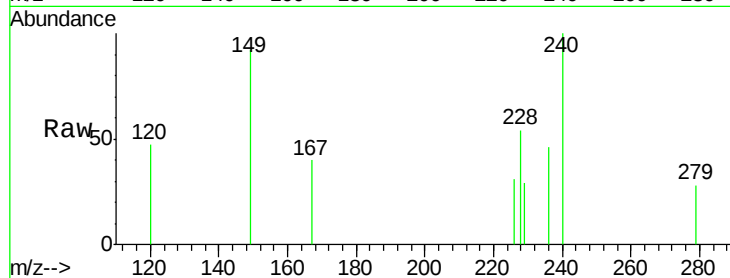
Tgt Ion:240 Resp: 280

Ion Ratio Lower Upper

240 100

120 47.2 2.2 3.2#

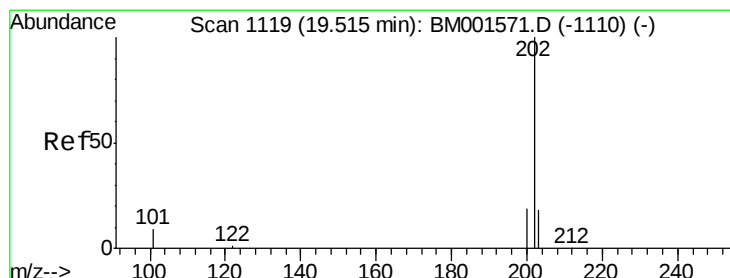
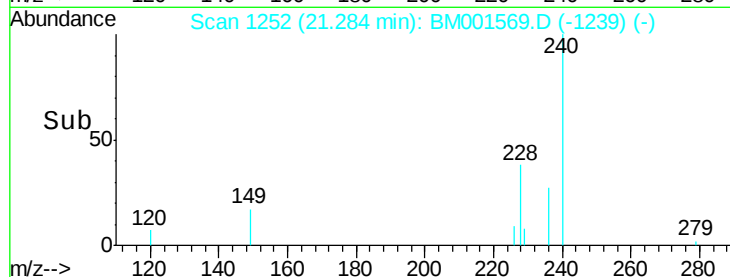
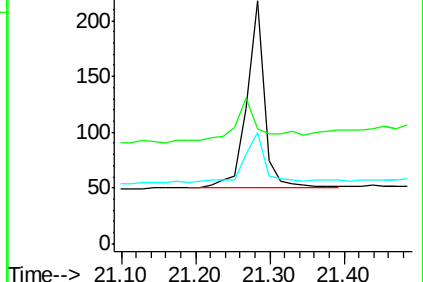
236 45.9 19.5 29.3#



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



#26

Pyrene

Concen: 7.64 ng

RT: 19.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

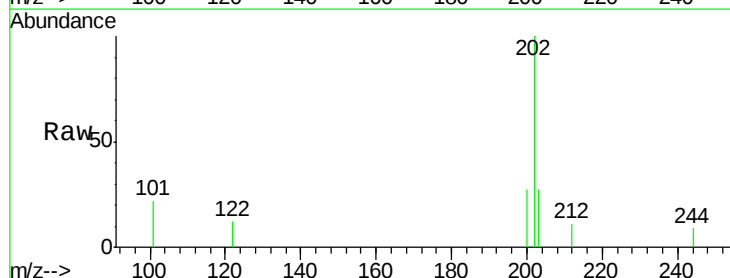
Tgt Ion:202 Resp: 660

Ion Ratio Lower Upper

202 100

200 22.0 16.6 24.8

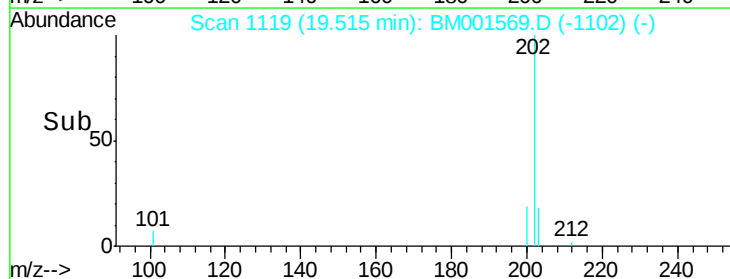
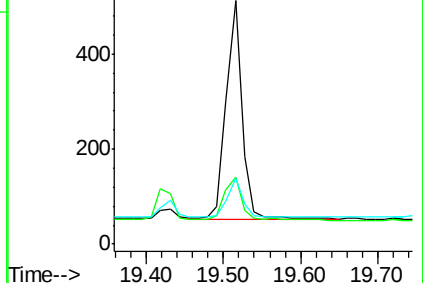
203 16.7 13.9 20.9

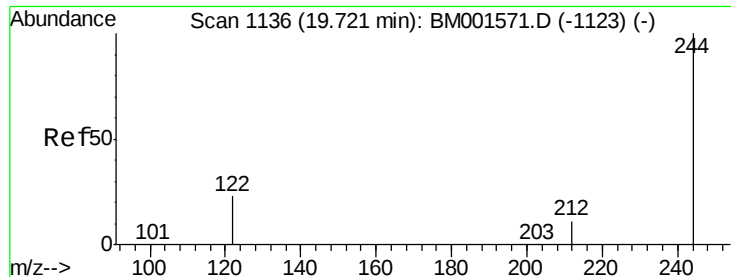


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 4.53 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

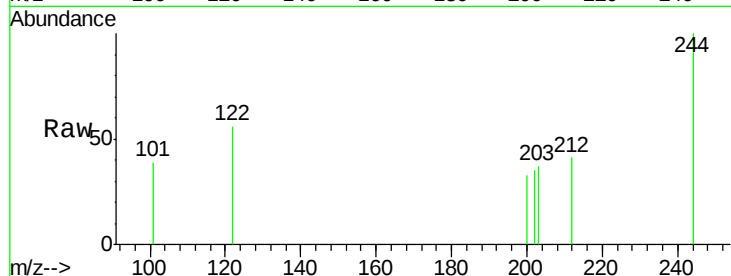
Tgt Ion:244 Resp: 157

Ion Ratio Lower Upper

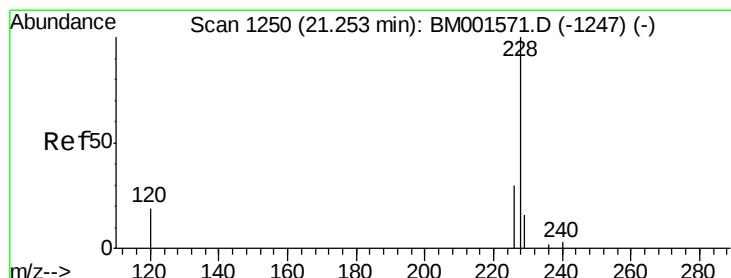
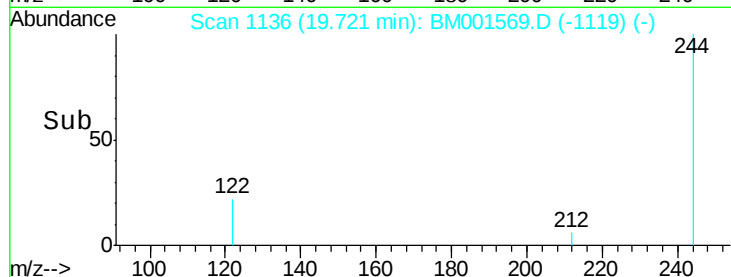
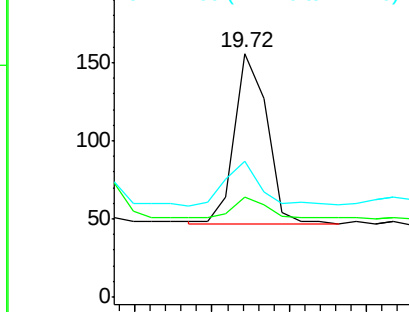
244 100

212 41.0 9.6 14.4#

122 55.8 19.0 28.4#



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



#28

Benzo(a)anthracene

Concen: 10.77 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

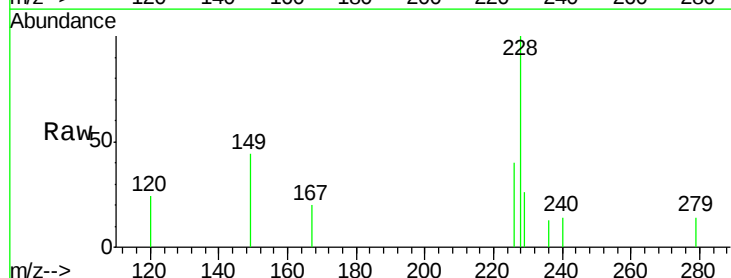
Tgt Ion:228 Resp: 844

Ion Ratio Lower Upper

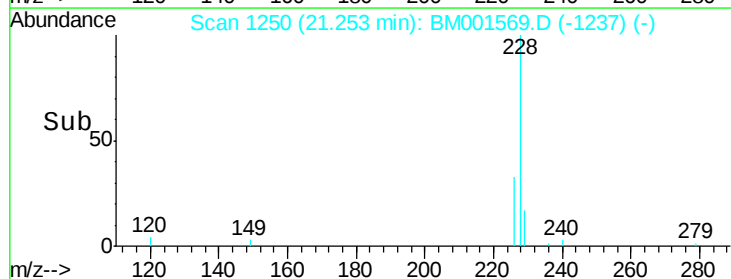
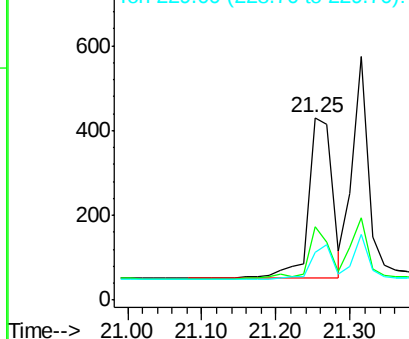
228 100

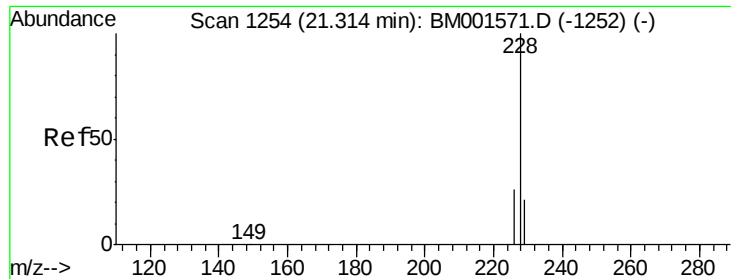
226 40.2 24.8 37.2#

229 26.3 13.4 20.0#



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: 11.35 ng

RT: 21.31 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

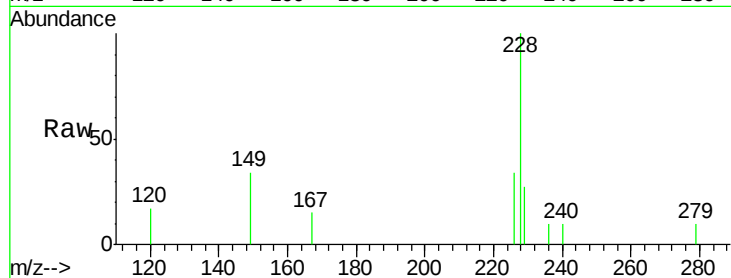
Tgt Ion:228 Resp: 797

Ion Ratio Lower Upper

228 100

226 34.0 21.0 31.6#

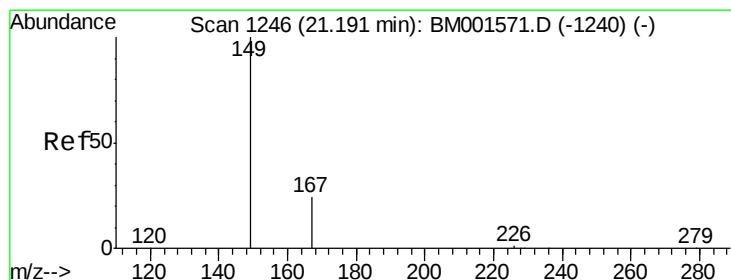
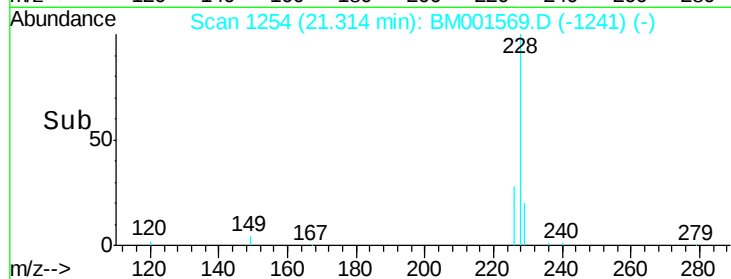
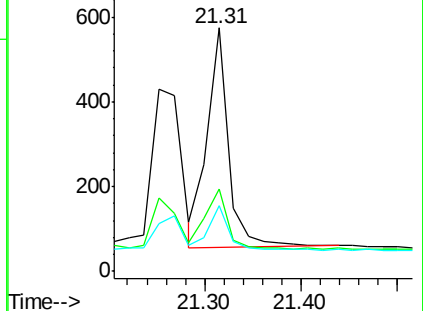
229 27.0 17.2 25.8#



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: 15.50 ng

RT: 21.19 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

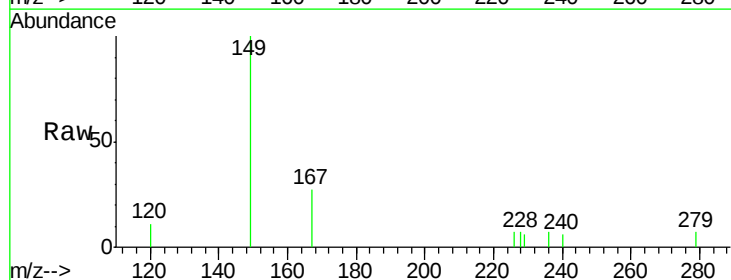
Tgt Ion:149 Resp: 860

Ion Ratio Lower Upper

149 100

167 23.0 20.2 30.2

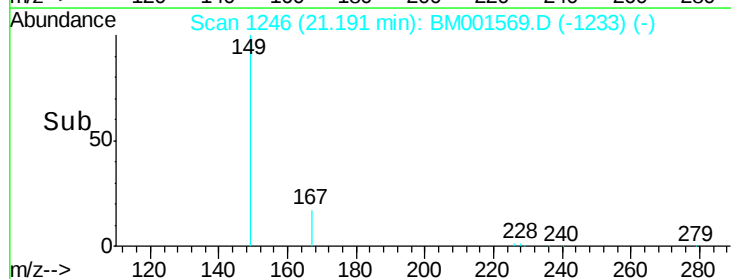
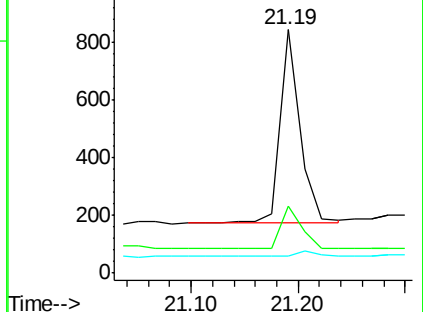
279 3.1 1.8 2.6#

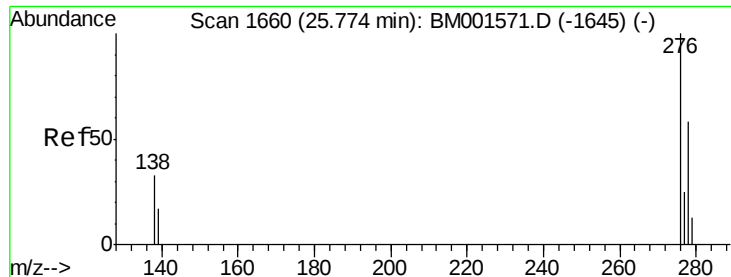


Abundance Ion 149.00 (148.70 to 149.70): E

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: 32.15 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

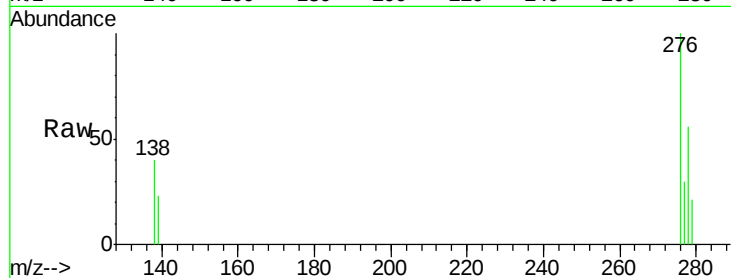
Tgt Ion:276 Resp: 2480

Ion Ratio Lower Upper

276 100

138 36.8 28.0 42.0

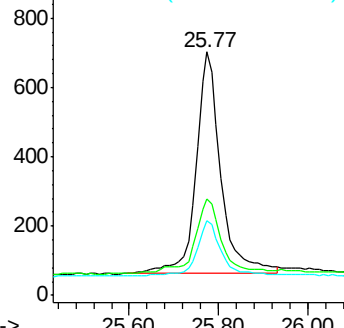
277 24.7 19.7 29.5



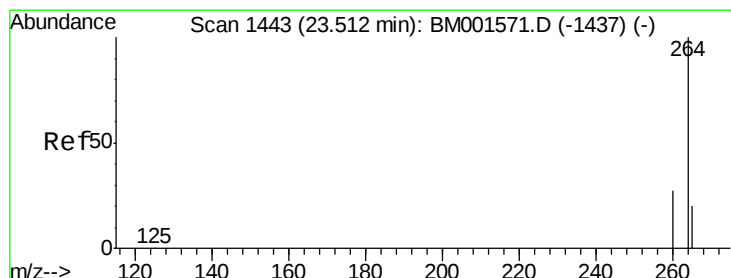
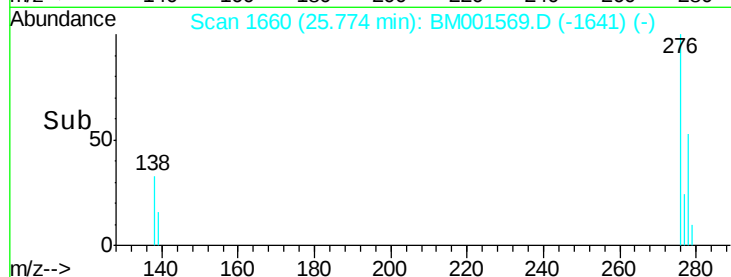
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.52 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

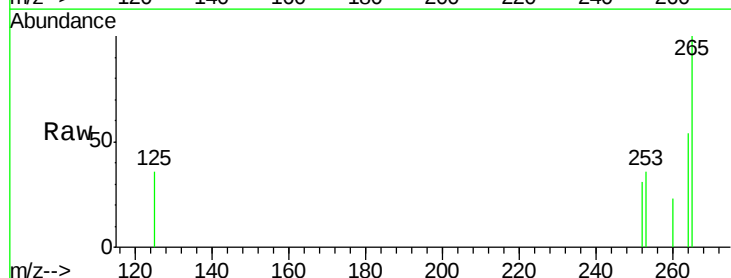
Tgt Ion:264 Resp: 341

Ion Ratio Lower Upper

264 100

260 42.0 21.6 32.4#

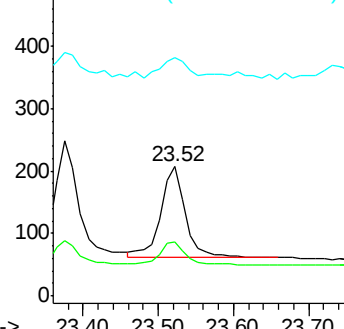
265 184.5 16.5 24.7#



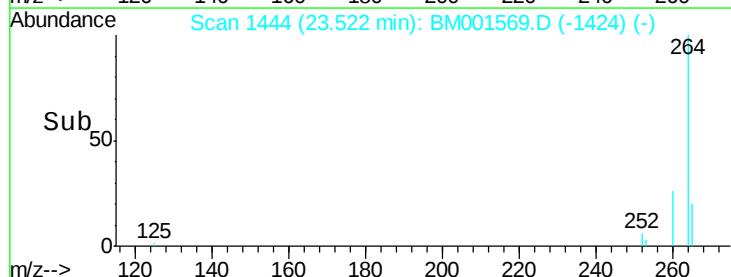
Abundance Ion 264.00 (263.70 to 264.70): E

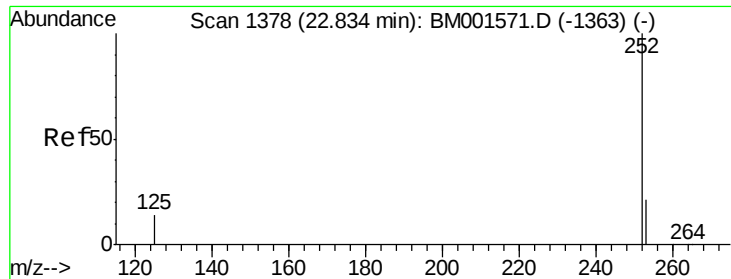
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#33

Benzo(b)fluoranthene

Concen: 14.21 ng

RT: 22.84 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

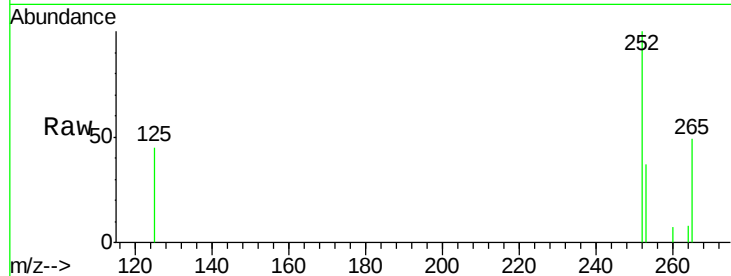
Tgt Ion:252 Resp: 1344

Ion Ratio Lower Upper

252 100

253 37.4 17.4 26.2#

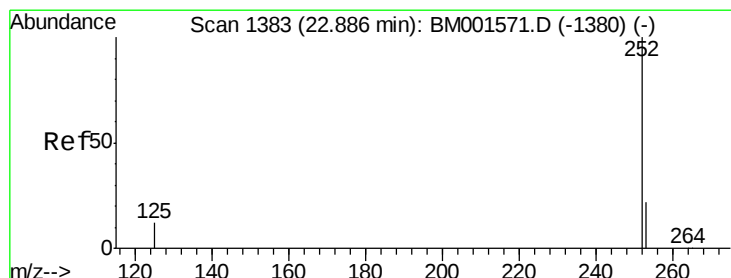
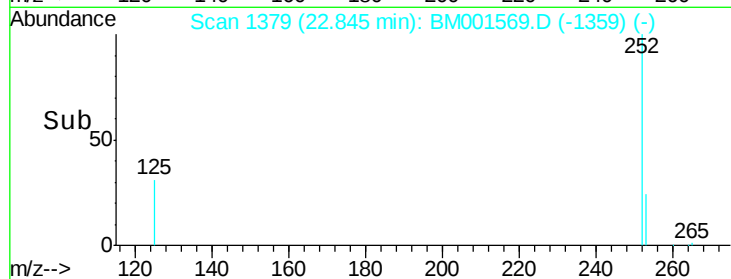
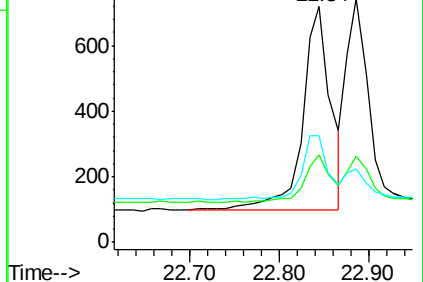
125 45.2 11.8 17.8#



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: 13.24 ng

RT: 22.89 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

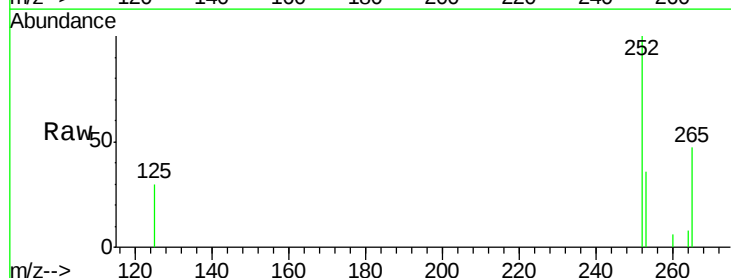
Tgt Ion:252 Resp: 1172

Ion Ratio Lower Upper

252 100

253 35.7 18.8 28.2#

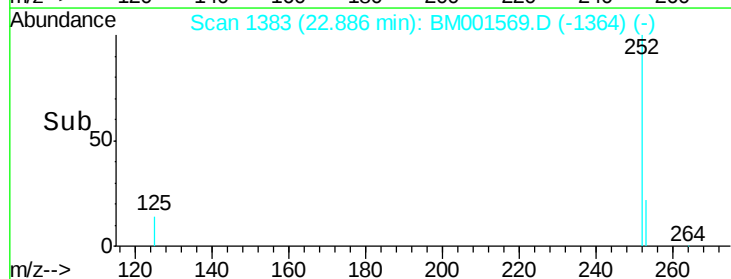
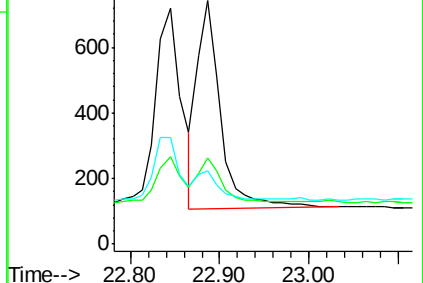
125 30.3 10.7 16.1#

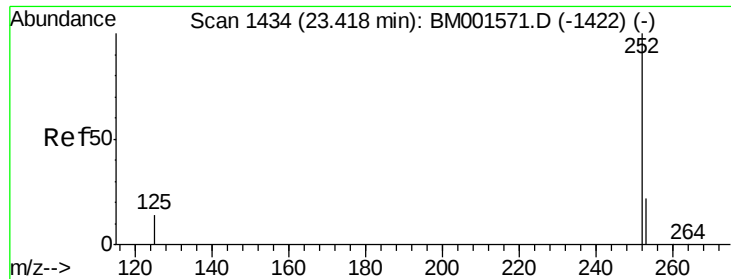


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 17.68 ng

RT: 23.42 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

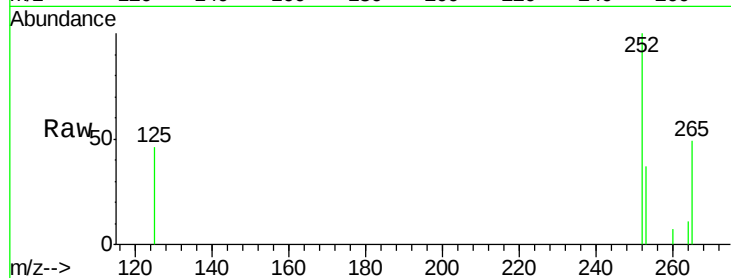
Tgt Ion:252 Resp: 1511

Ion Ratio Lower Upper

252 100

253 36.9 18.8 28.2#

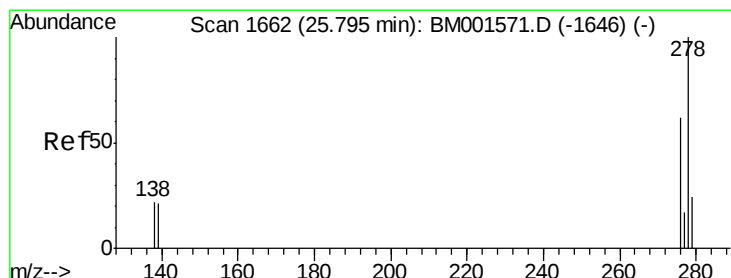
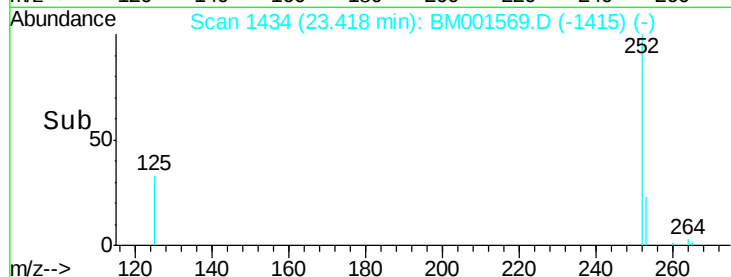
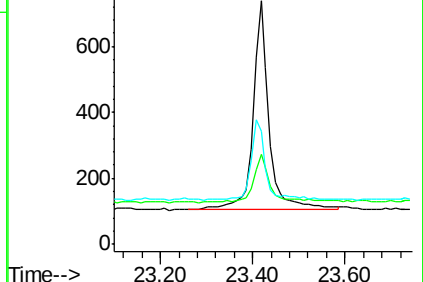
125 46.5 12.1 18.1#



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: 26.73 ng

RT: 25.79 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BM001569.D

Acq: 05 Jun 2015 17:14

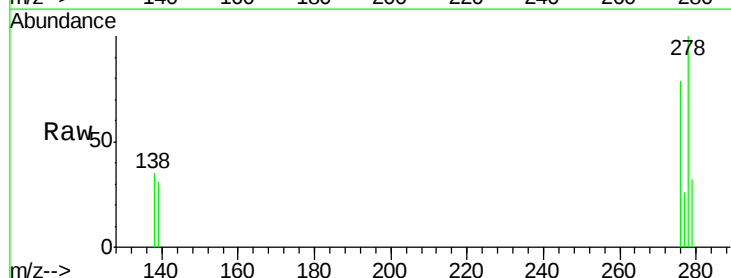
Tgt Ion:278 Resp: 2132

Ion Ratio Lower Upper

278 100

139 30.7 17.4 26.0#

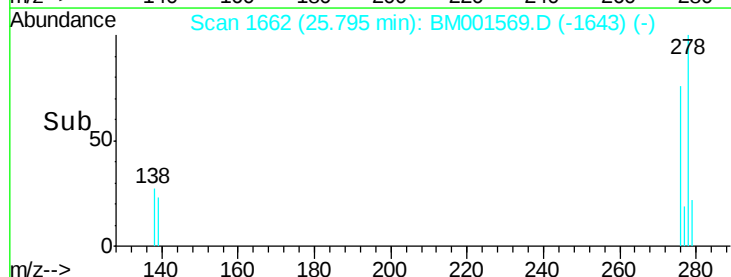
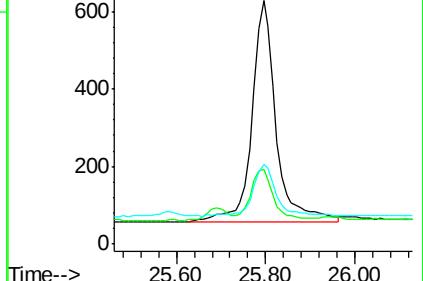
279 32.5 20.0 30.0#

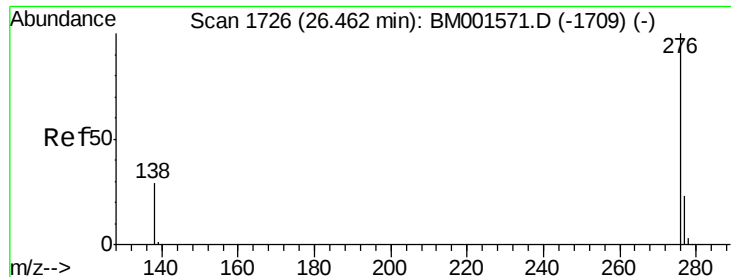


Abundance Ion 278.00 (277.70 to 278.70): E

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: 23.87 ng

RT: 26.47 min Scan# 1727

Delta R.T. 0.01 min

Lab File: BM001569.D

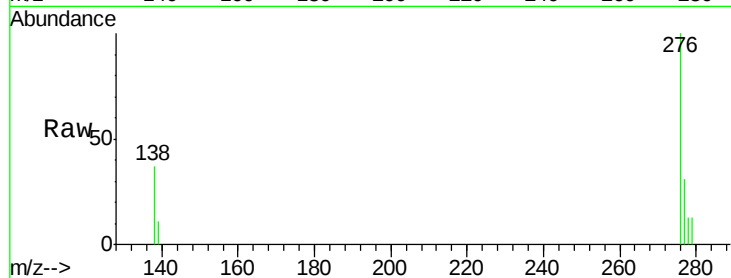
Acq: 05 Jun 2015 17:14

Instrument :

BNA_M

ClientSampleId :

SSTDIC005



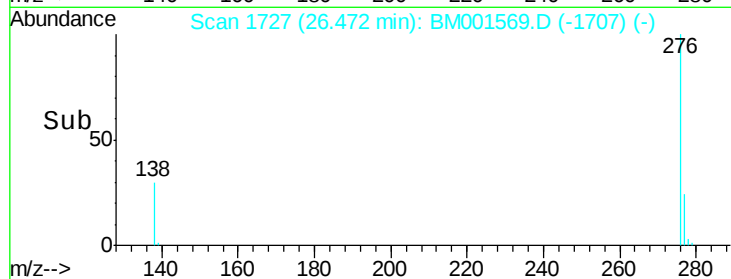
Tgt Ion: 276 Resp: 2002

Ion Ratio Lower Upper

276 100

277 30.7 19.2 28.8#

138 37.5 23.7 35.5#



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

800

600

26.47

400

200

0

Time--> 26.20 26.40 26.60