

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001592.D
 Acq On : 06 Jun 2015 13:28
 Operator : TP/IZ
 Sample : G2491-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-0278-150601

Quant Time: Jun 08 05:39:04 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 08 05:27:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	24646	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	86902	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	40529	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	56752	5.00	ng	0.00
25) Chrysene-d12	21.28	240	67408	5.00	ng	0.00
32) Perylene-d12	23.52	264	63798	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	13682	2.51	ng	0.02
5) Phenol-d6	6.86	99	10298	1.54	ng	0.02
7) Nitrobenzene-d5	8.85	82	32929	5.56	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	17567	9.07	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	66067	5.29	ng	0.00
27) Terphenyl-d14	19.72	244	51331	5.90	ng	0.00

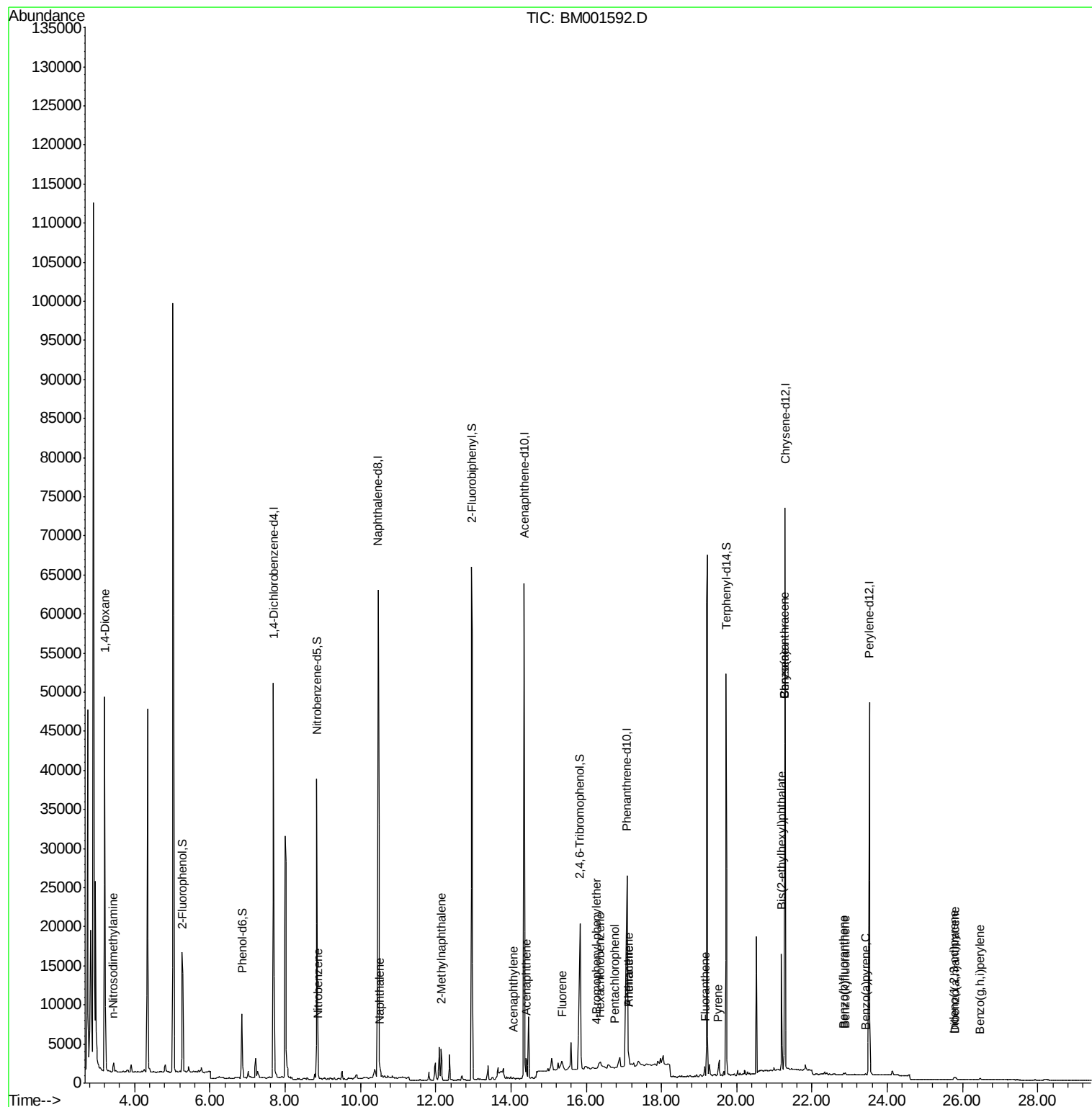
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	31127	14.69	ng	97
3) n-Nitrosodimethylamine	3.44	42	355	0.09	ng	# 1
8) Nitrobenzene	8.88	77	594	0.09	ng	# 23
9) Naphthalene	10.52	128	1349	0.07	ng	# 76
11) 2-Methylnaphthalene	12.15	142	2775	0.24	ng	98
15) Acenaphthylene	14.06	152	197	0.01	ng	# 19
16) Acenaphthene	14.41	154	1498	0.14	ng	93
17) Fluorene	15.36	166	962	0.14	ng	# 65
19) 4-Bromophenyl-phenylether	16.27	248	4	0.08	ng	# 1
20) Hexachlorobenzene	16.38	284	10	0.01	ng	# 1
21) Pentachlorophenol	16.75	266	26	0.02	ng	# 64
22) Phenanthrene	17.12	178	3041	0.15	ng	94
23) Anthracene	17.12	178	3603	0.43	ng	# 54
24) Fluoranthene	19.15	202	1257	0.08	ng	# 85
26) Pyrene	19.52	202	973	0.04	ng	# 49
28) Benzo(a)anthracene	21.27	228	601	0.03	ng	# 46
29) Chrysene	21.27	228	601	0.03	ng	# 40
30) Bis(2-ethylhexyl)phthalate	21.19	149	13899	1.18	ng	99
31) Indeno(1,2,3-cd)pyrene	25.77	276	375	0.02	ng	# 78
33) Benzo(b)fluoranthene	22.84	252	235	0.01	ng	# 1
34) Benzo(k)fluoranthene	22.89	252	167	0.01	ng	# 1
35) Benzo(a)pyrene	23.42	252	185	0.01	ng	# 1
36) Dibenzo(a,h)anthracene	25.79	278	326	0.02	ng	# 1
37) Benzo(g,h,i)perylene	26.46	276	354	0.02	ng	# 26

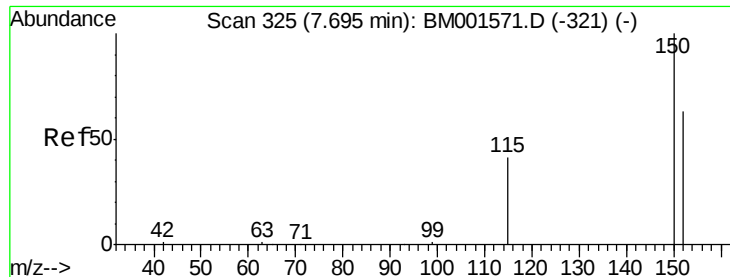
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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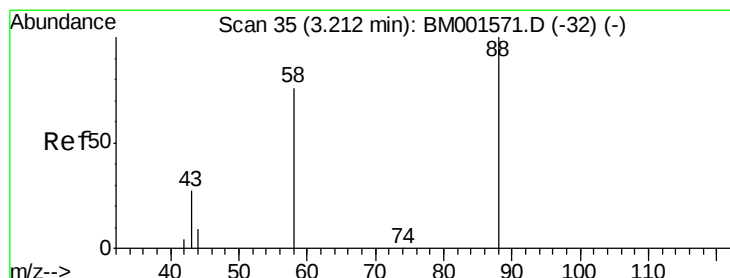
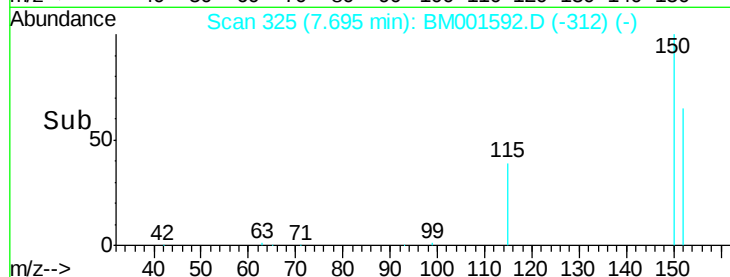
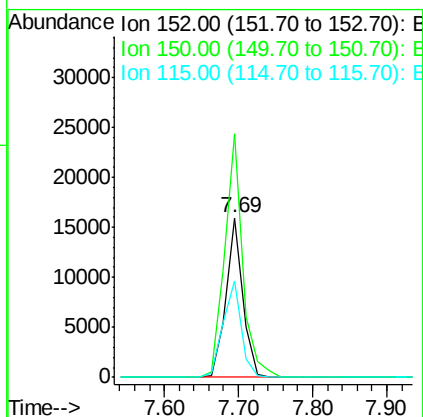
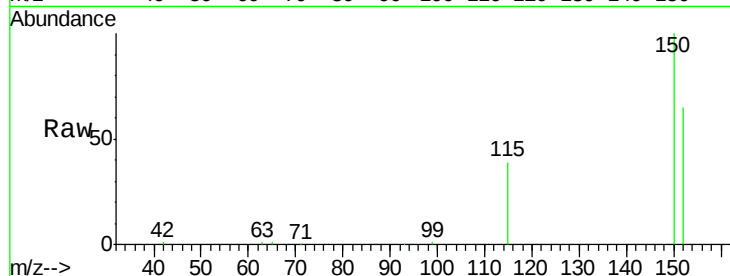


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.69 min Scan# 325
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

Instrument :
BNA_M
ClientSampleId :
DUP-0278-150601

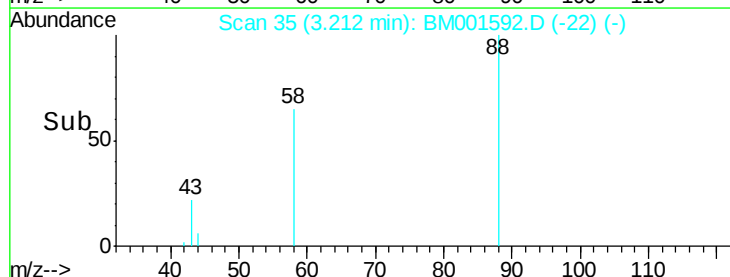
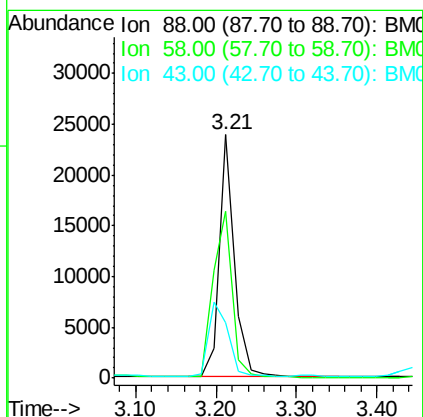
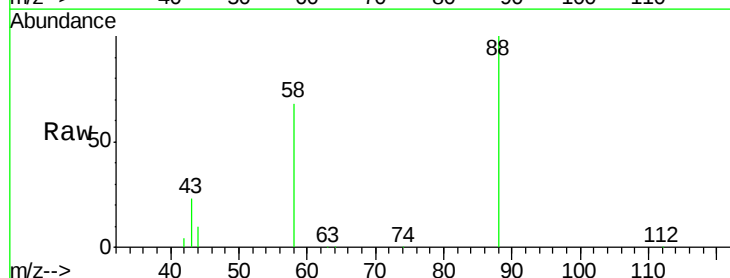
Tgt Ion:152 Resp: 24646
Ion Ratio Lower Upper
152 100
150 152.7 126.6 190.0
115 60.3 51.6 77.4

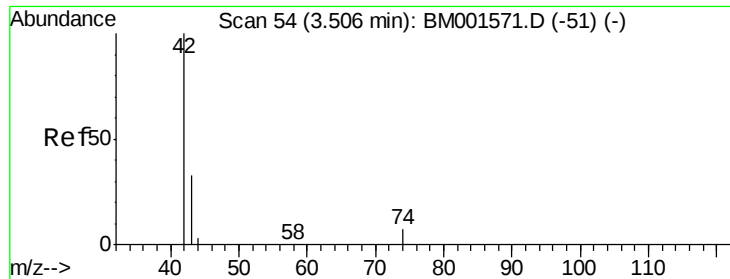


#2

1,4-Dioxane
Concen: 14.69 ng
RT: 3.21 min Scan# 35
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

Tgt Ion: 88 Resp: 31127
Ion Ratio Lower Upper
88 100
58 86.8 66.1 99.1
43 39.8 32.3 48.5





#3

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.44 min Scan# 50

Delta R.T. -0.06 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601

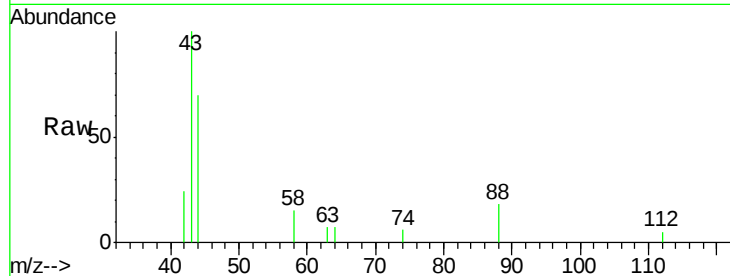
Tgt Ion: 42 Resp: 355

Ion Ratio Lower Upper

42 100

74 2.0 77.2 115.8#

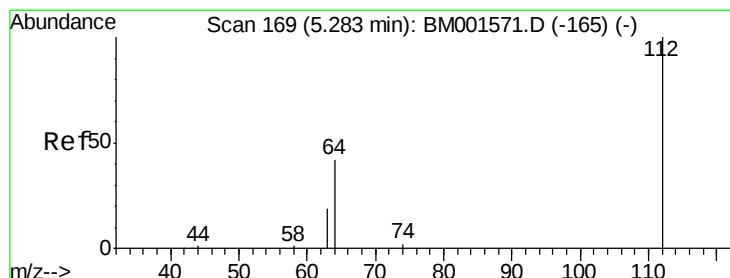
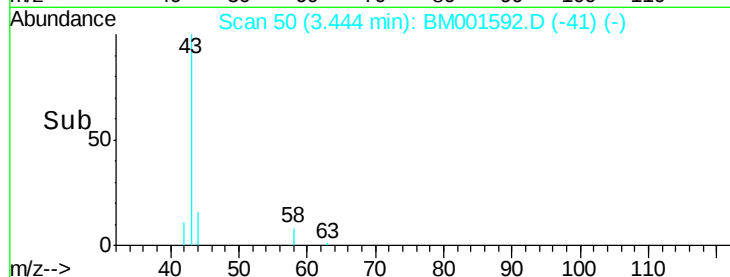
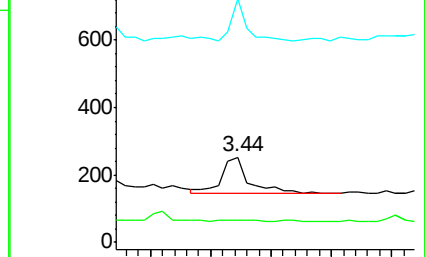
44 60.8 7.4 11.2#



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) (-)



#4

2-Fluorophenol

Concen: 2.51 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.02 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

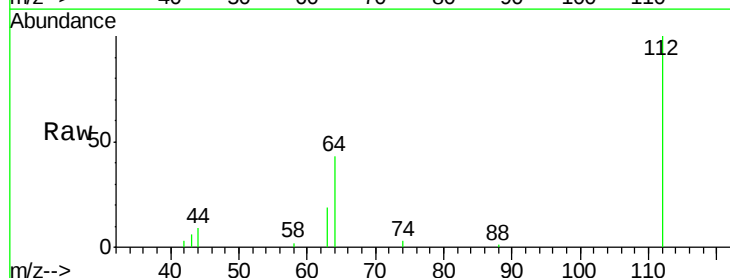
Tgt Ion: 112 Resp: 13682

Ion Ratio Lower Upper

112 100

64 67.2 53.3 79.9

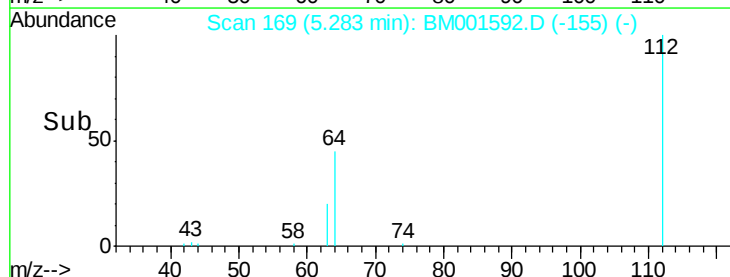
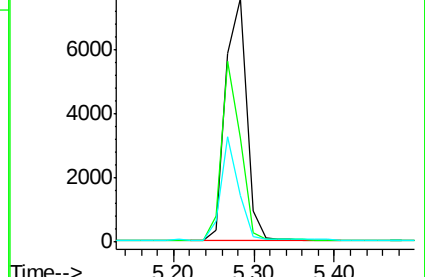
63 37.1 29.7 44.5

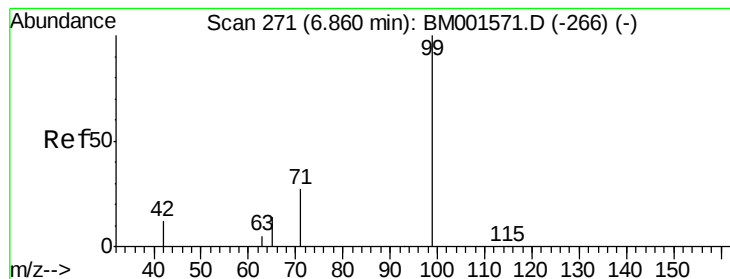


Abundance Ion 112.00 (111.70 to 112.70): BM001571.D (-165) (-)

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

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





#5

Phenol-d6

Concen: 1.54 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.02 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601

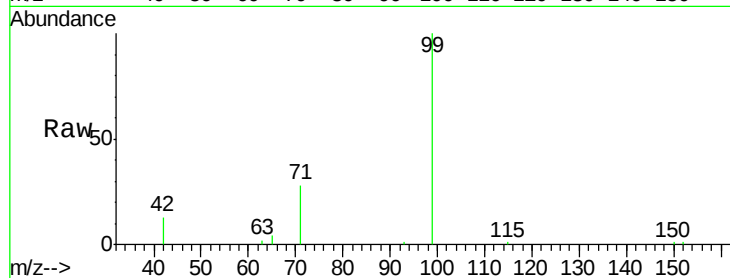
Tgt Ion: 99 Resp: 10298

Ion Ratio Lower Upper

99 100

42 25.4 21.4 32.2

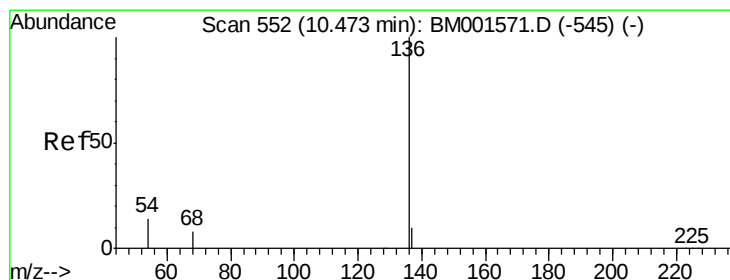
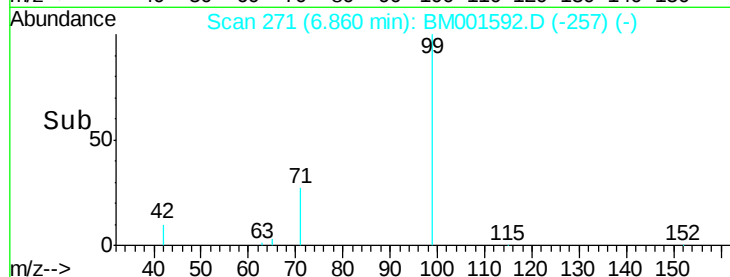
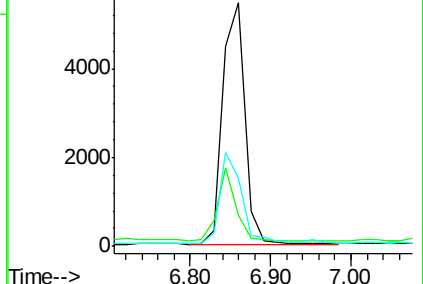
71 37.3 29.0 43.4



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: BM001592.D

Acq: 06 Jun 2015 13:28

Tgt Ion: 136 Resp: 86902

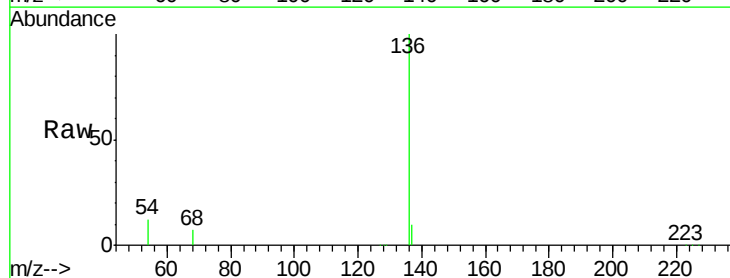
Ion Ratio Lower Upper

136 100

137 10.3 8.1 12.1

54 12.1 11.7 17.5

68 7.4 6.6 9.8

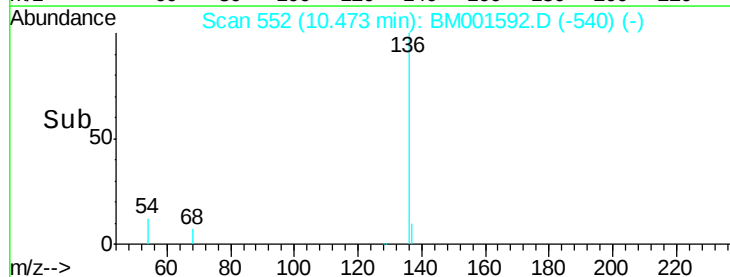
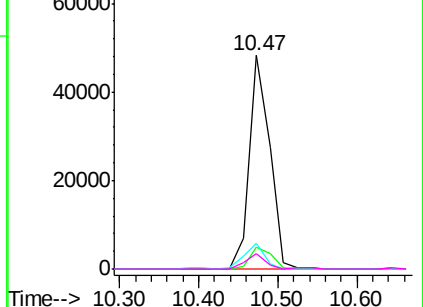


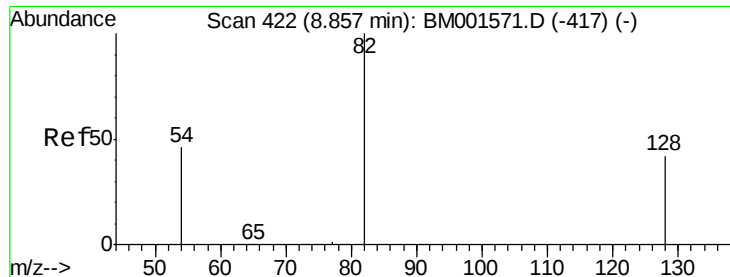
Abundance Ion 136.00 (135.70 to 136.70): BM001571.D (-545) (-)

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: 5.56 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601

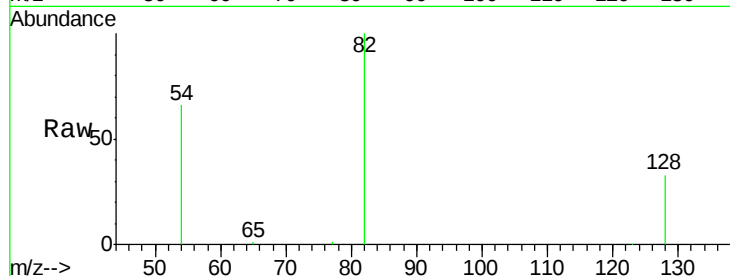
Tgt Ion: 82 Resp: 32929

Ion Ratio Lower Upper

82 100

128 32.9 34.1 51.1#

54 65.6 37.8 56.6#



Abundance Ion 82.00 (81.70 to 82.70): BM001571.D (-417) (-)

Ion 128.00 (127.70 to 128.70): BM001571.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001571.D (-417) (-)

8.85

25000

20000

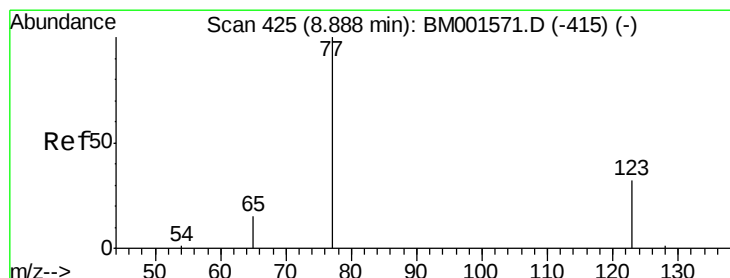
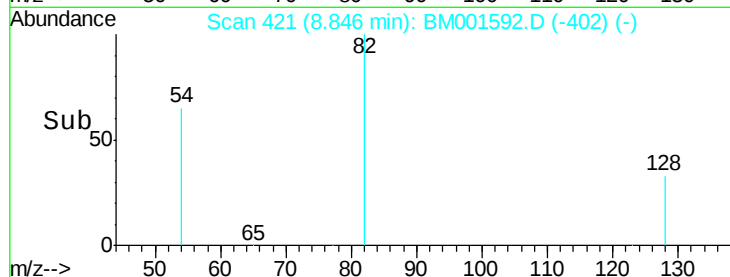
15000

10000

5000

0

Time--> 8.70 8.80 8.90 9.00



#8

Nitrobenzene

Concen: 0.09 ng

RT: 8.88 min Scan# 424

Delta R.T. -0.01 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

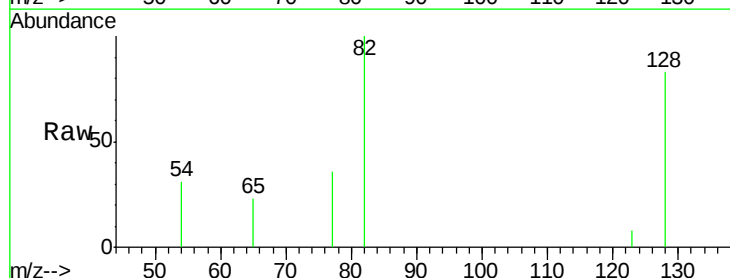
Tgt Ion: 77 Resp: 594

Ion Ratio Lower Upper

77 100

123 0.0 31.7 47.5#

65 59.6 11.4 17.0#



Abundance Ion 77.00 (76.70 to 77.70): BM001571.D (-415) (-)

Ion 123.00 (122.70 to 123.70): BM001571.D (-415) (-)

Ion 65.00 (64.70 to 65.70): BM001571.D (-415) (-)

8.88

800

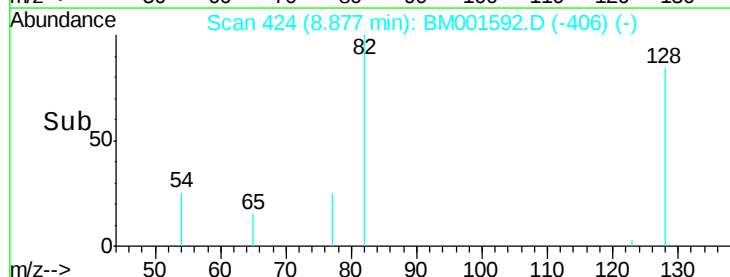
600

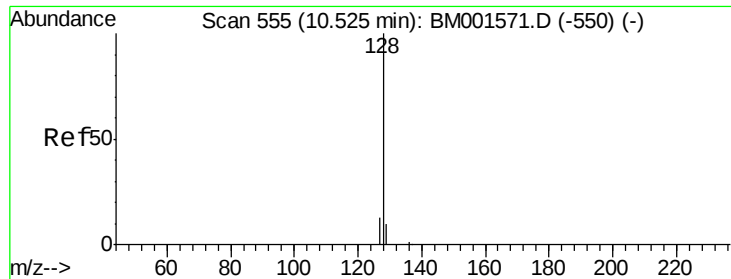
400

200

0

Time--> 8.80 8.85 8.90 8.95





#9

Naphthalene

Concen: 0.07 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

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ClientSampleId :

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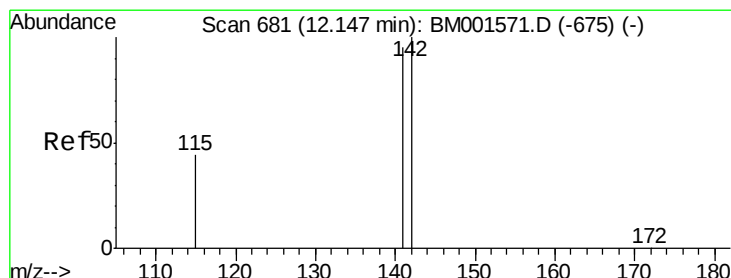
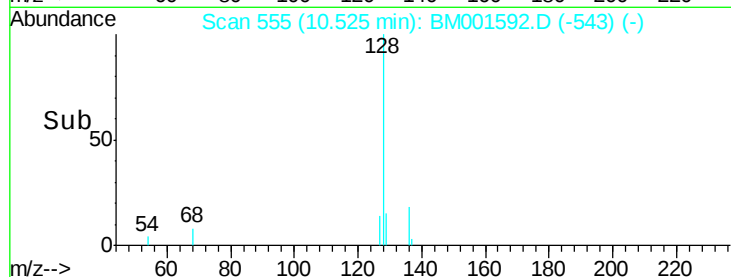
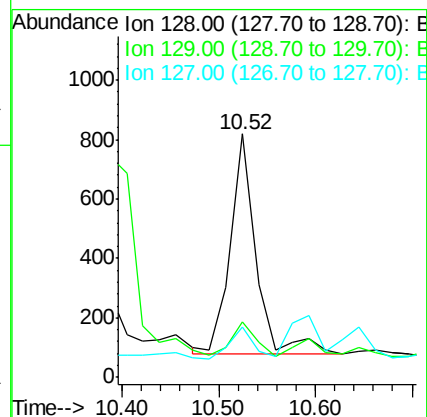
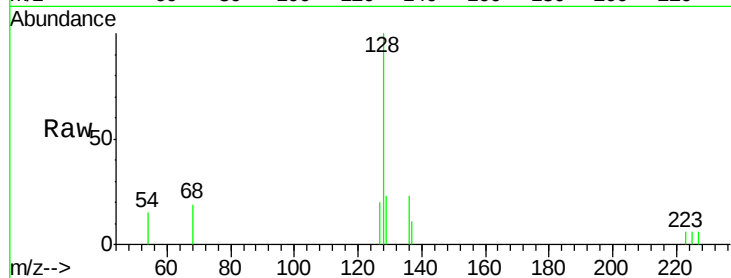
Tgt Ion:128 Resp: 1349

Ion Ratio Lower Upper

128 100

129 22.8 8.7 13.1#

127 20.4 10.7 16.1#



#11

2-Methylnaphthalene

Concen: 0.24 ng

RT: 12.15 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

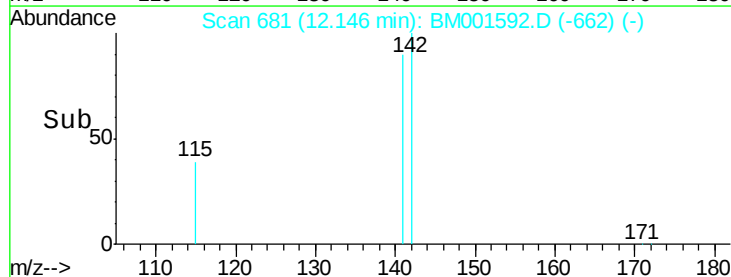
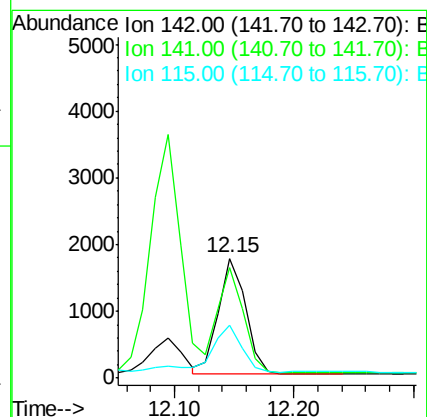
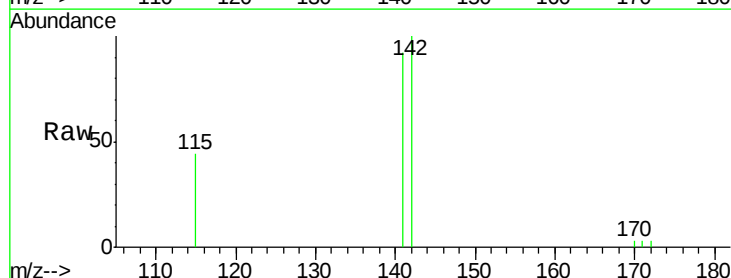
Tgt Ion:142 Resp: 2775

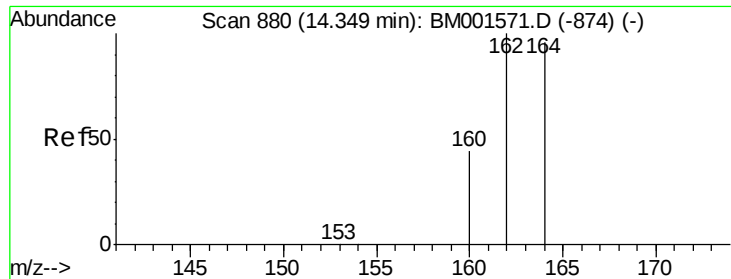
Ion Ratio Lower Upper

142 100

141 92.4 75.6 113.4

115 43.8 35.5 53.3





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

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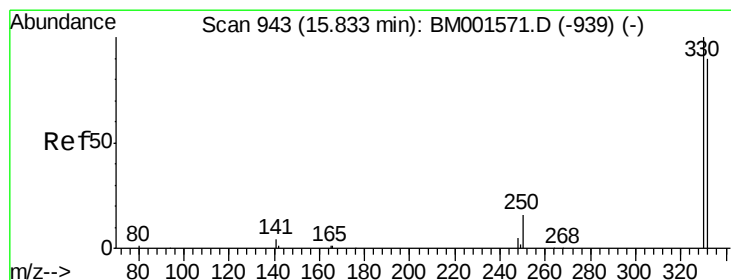
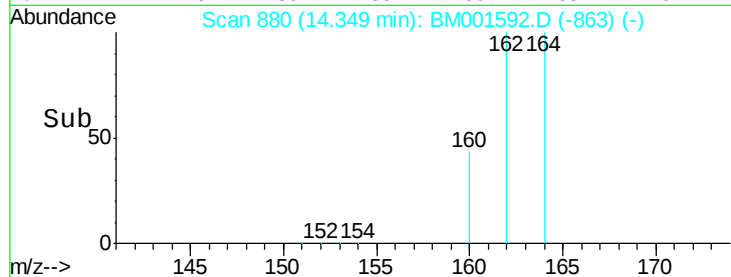
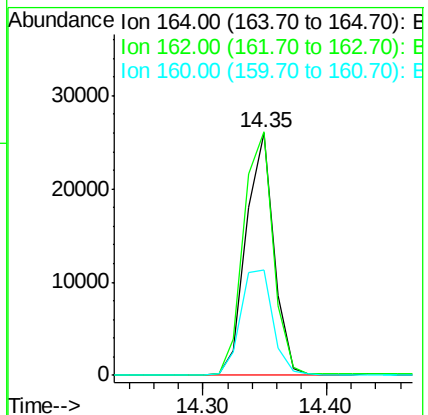
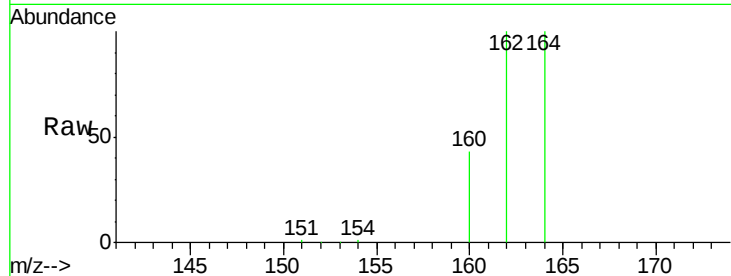
Tgt Ion:164 Resp: 40529

Ion Ratio Lower Upper

164 100

162 100.2 83.8 125.6

160 43.1 37.1 55.7



#13

2,4,6-Tribromophenol

Concen: 9.07 ng

RT: 15.83 min Scan# 943

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

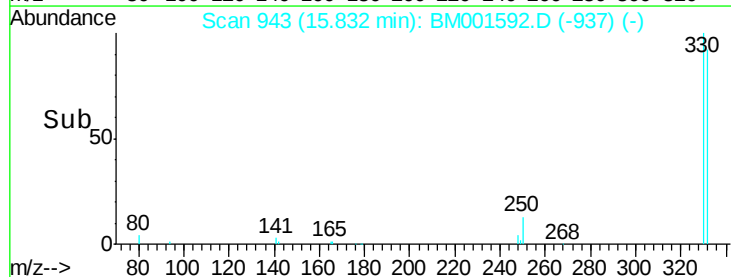
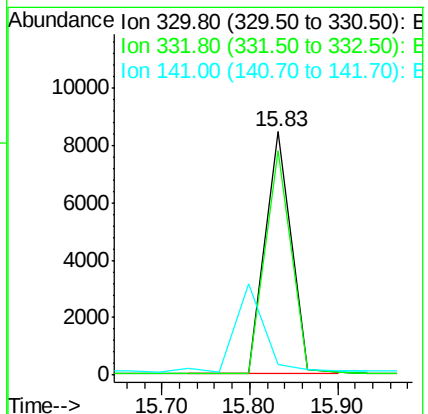
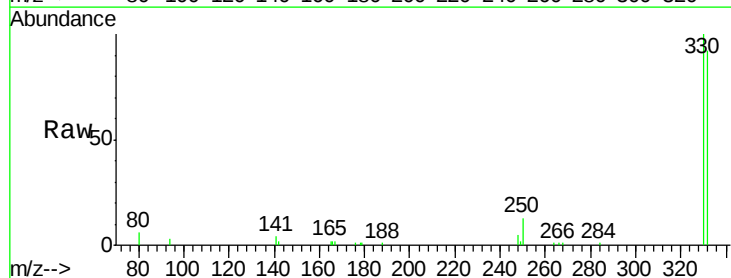
Tgt Ion:330 Resp: 17567

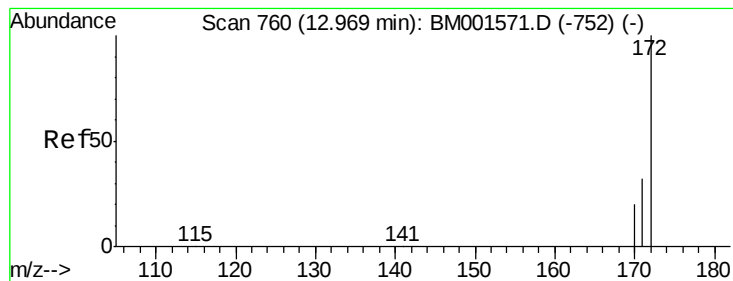
Ion Ratio Lower Upper

330 100

332 92.6 72.0 108.0

141 0.0 0.0 0.0





#14

2-Fluorobiphenyl

Concen: 5.29 ng

RT: 12.96 min Scan# 759

Delta R.T. -0.00 min

Lab File: BM001592.D

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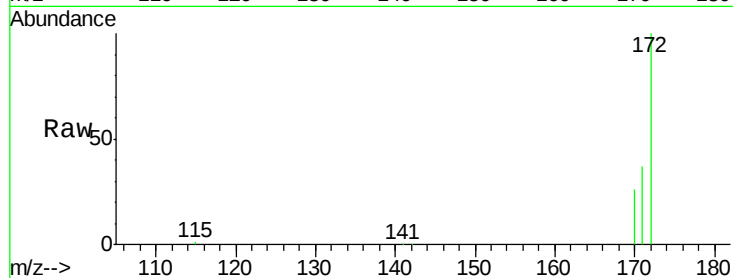
Tgt Ion:172 Resp: 66067

Ion Ratio Lower Upper

172 100

171 36.8 26.2 39.2

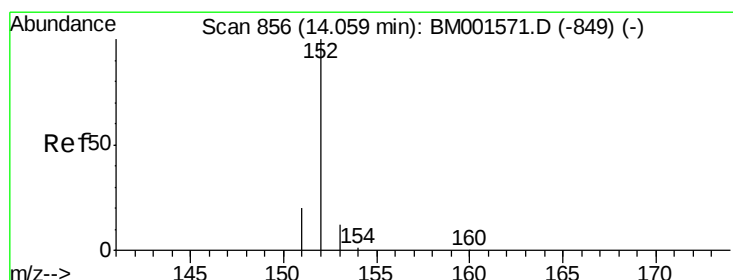
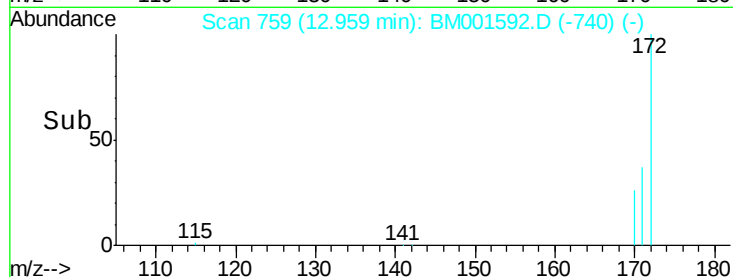
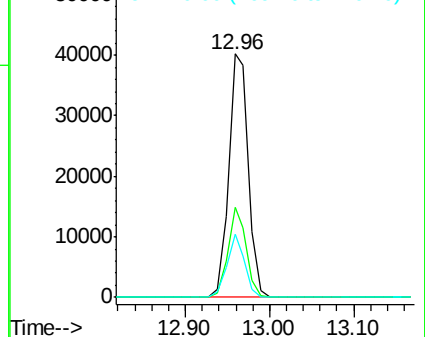
170 25.9 16.1 24.1#



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: 0.01 ng

RT: 14.06 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

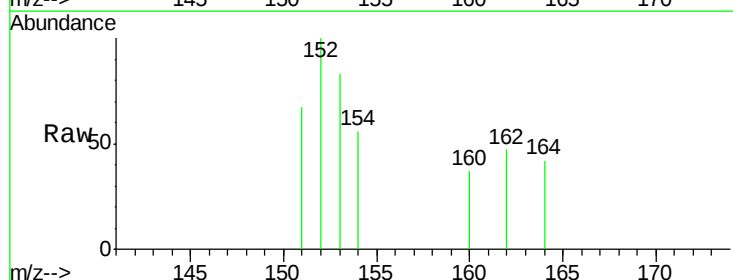
Tgt Ion:152 Resp: 197

Ion Ratio Lower Upper

152 100

151 36.5 15.2 22.8#

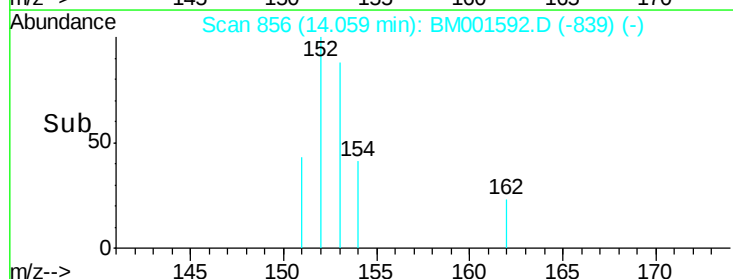
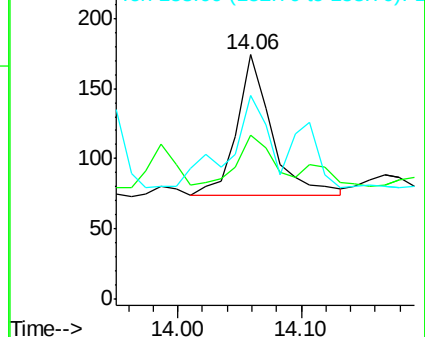
153 70.1 10.3 15.5#

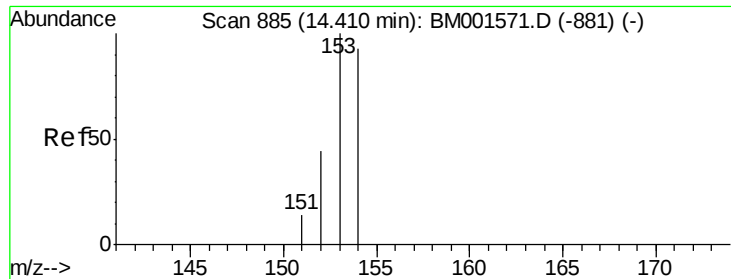


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

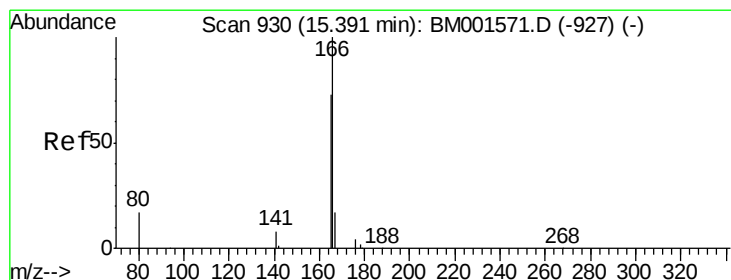
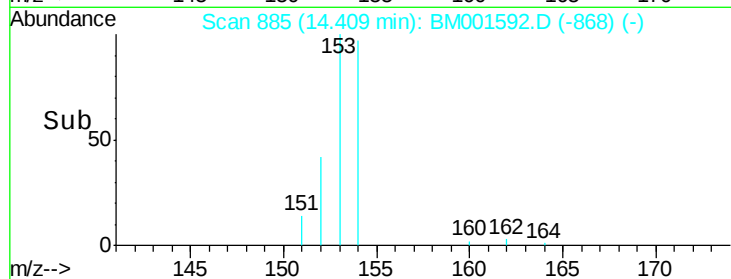
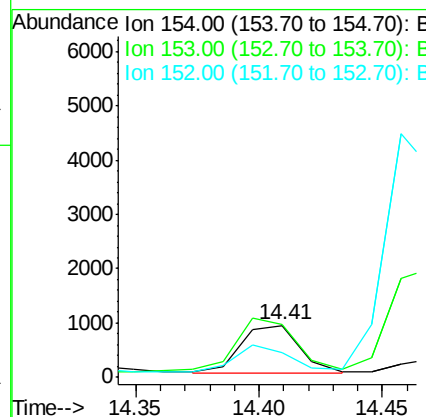
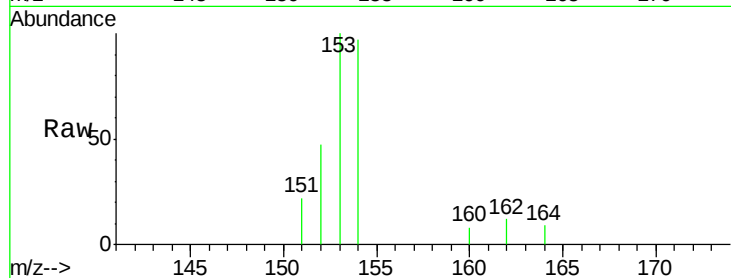




#16
Acenaphthene
Concen: 0.14 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

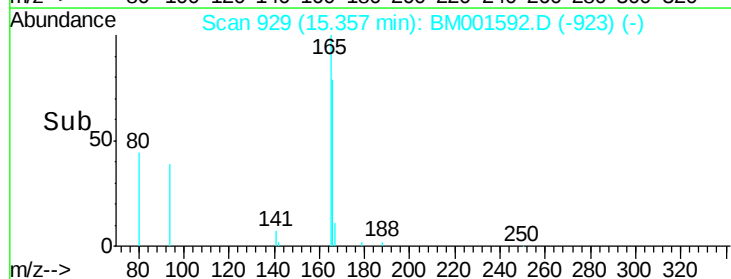
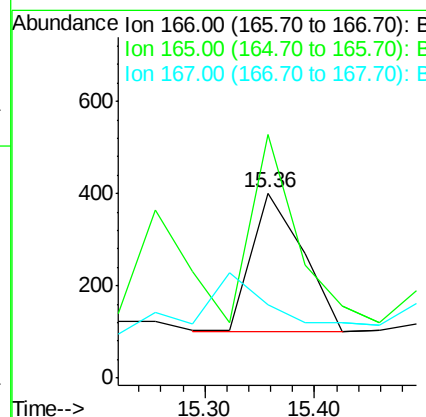
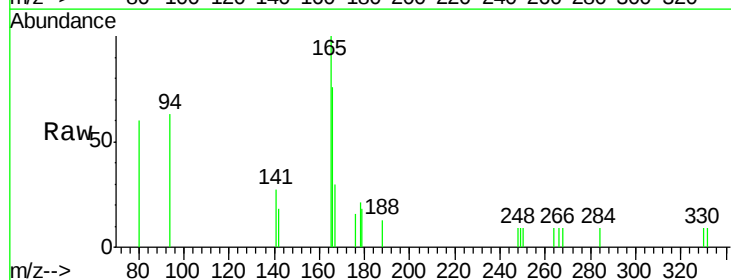
Instrument :
BNA_M
ClientSampleId :
DUP-0278-150601

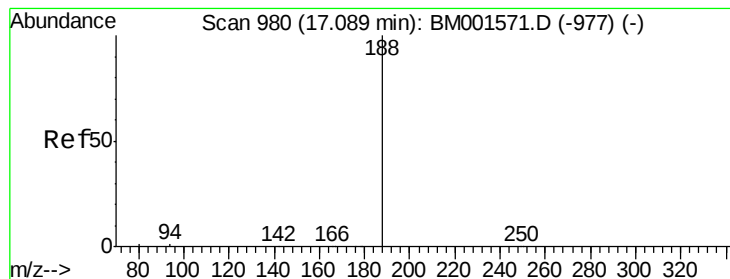
Tgt Ion:154 Resp: 1498
Ion Ratio Lower Upper
154 100
153 120.6 89.1 133.7
152 57.7 43.2 64.8



#17
Fluorene
Concen: 0.14 ng
RT: 15.36 min Scan# 929
Delta R.T. -0.00 min
Lab File: BM001592.D
Acq: 06 Jun 2015 13:28

Tgt Ion:166 Resp: 962
Ion Ratio Lower Upper
166 100
165 120.6 0.0 0.0#
167 0.0 11.3 16.9#





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601

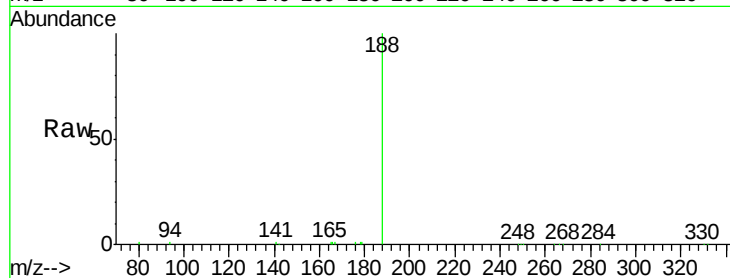
Tgt Ion:188 Resp: 56752

Ion Ratio Lower Upper

188 100

94 1.4 0.7 1.1#

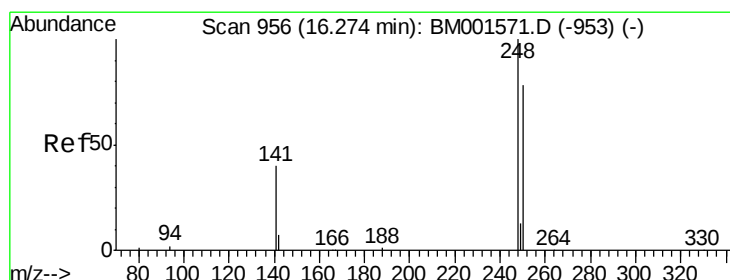
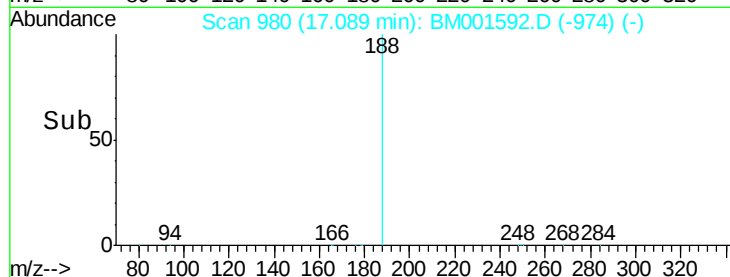
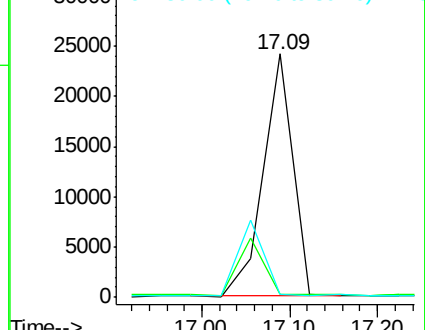
80 1.2 0.6 1.0#



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: 0.08 ng

RT: 16.27 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

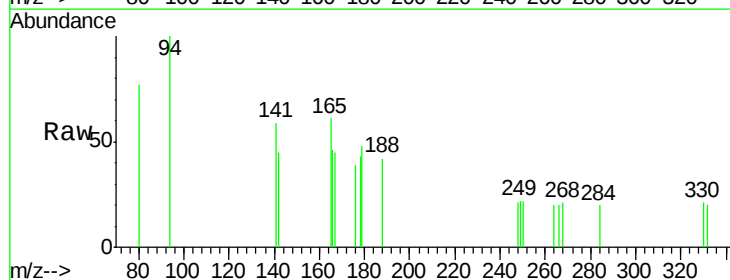
Tgt Ion:248 Resp: 4

Ion Ratio Lower Upper

248 100

250 200.0 63.1 94.7#

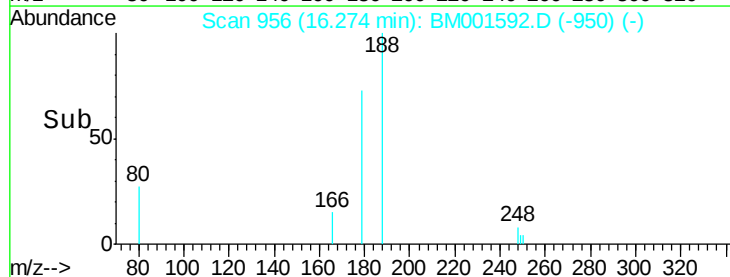
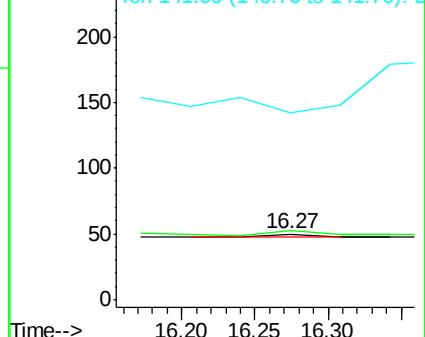
141 0.0 35.0 52.6#

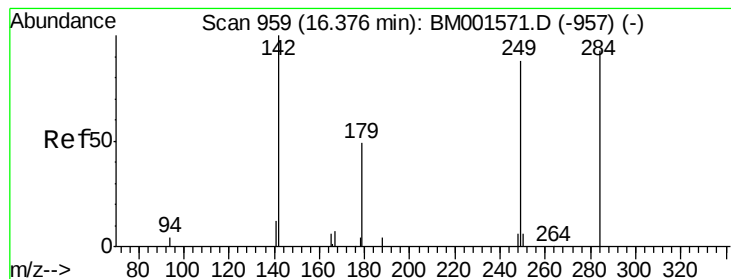


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#20

Hexachlorobenzene

Concen: 0.01 ng

RT: 16.38 min Scan# 959

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601

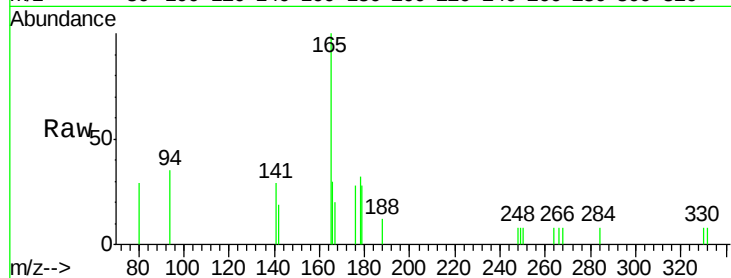
Tgt Ion:284 Resp: 10

Ion Ratio Lower Upper

284 100

142 650.0 64.2 96.2#

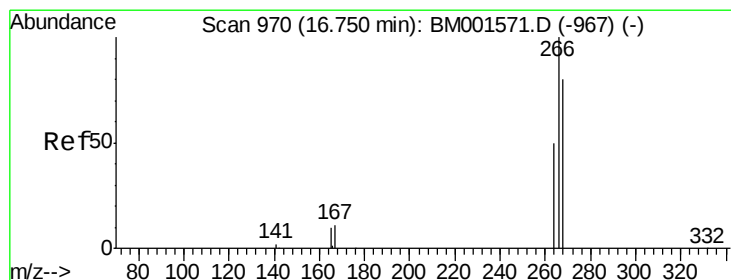
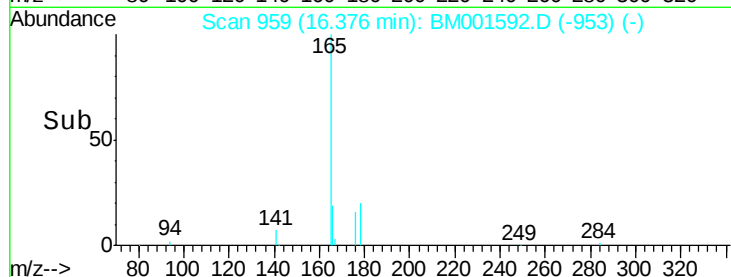
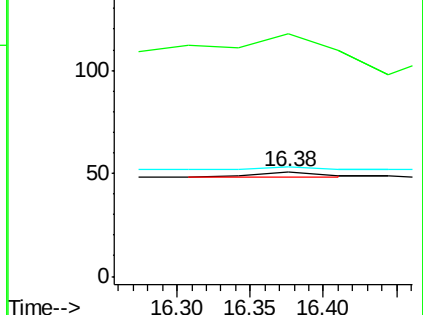
249 120.0 55.4 83.0#



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



#21

Pentachlorophenol

Concen: 0.02 ng

RT: 16.75 min Scan# 970

Delta R.T. 0.03 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

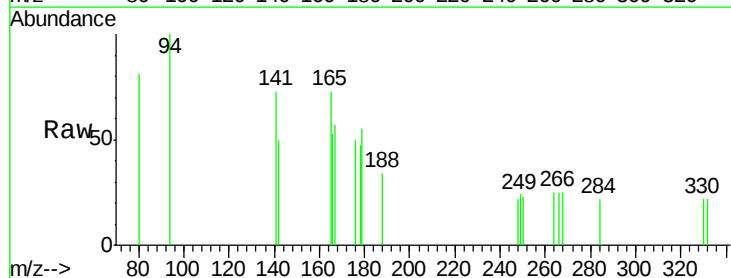
Tgt Ion:266 Resp: 26

Ion Ratio Lower Upper

266 100

268 101.8 66.3 99.5#

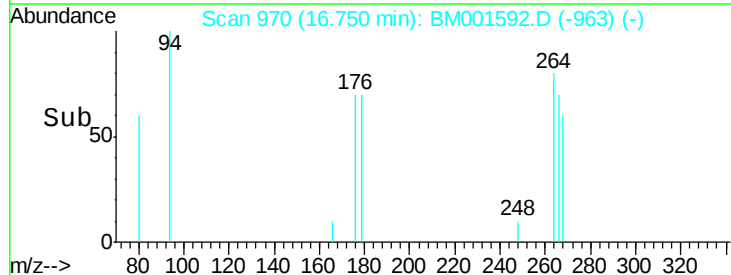
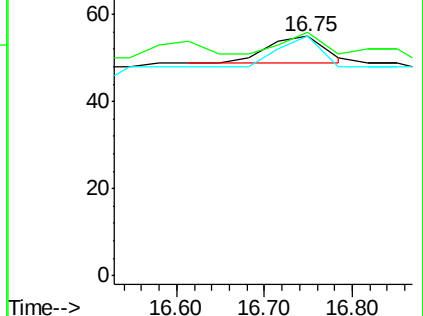
264 100.0 45.5 68.3#

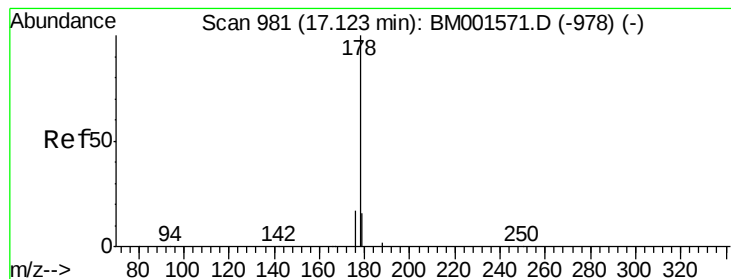


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#22

Phenanthrene

Concen: 0.15 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601

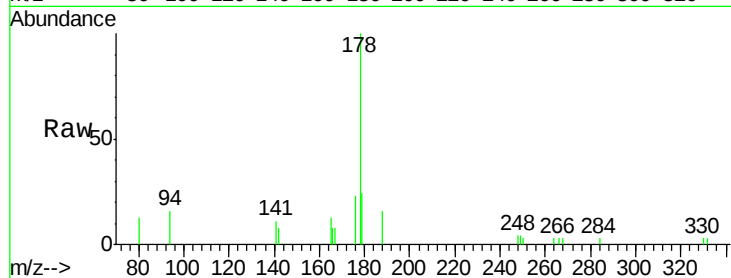
Tgt Ion:178 Resp: 3041

Ion Ratio Lower Upper

178 100

176 19.3 13.5 20.3

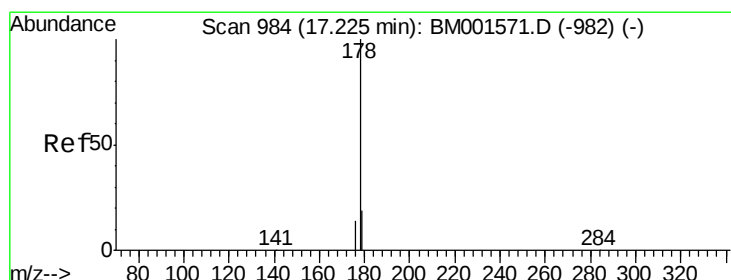
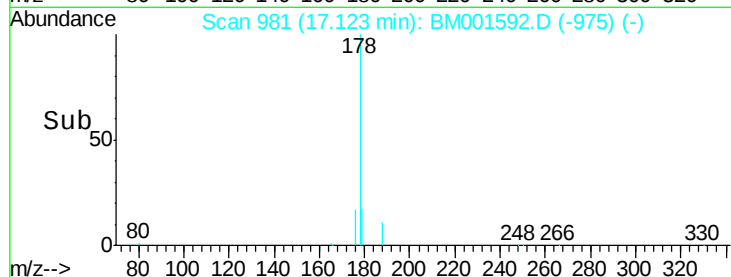
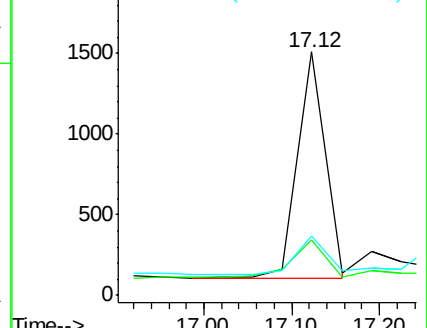
179 19.7 13.3 19.9



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: 0.43 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

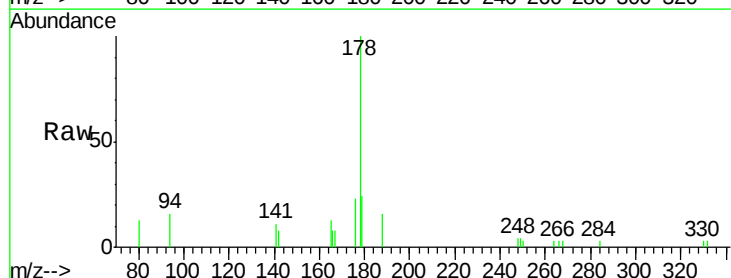
Tgt Ion:178 Resp: 3603

Ion Ratio Lower Upper

178 100

176 17.9 45.9 68.9#

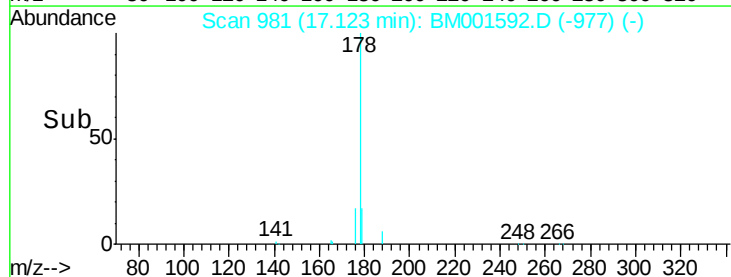
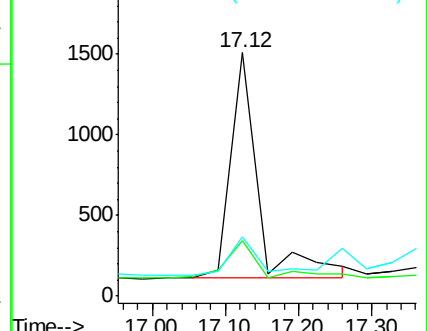
179 19.1 33.3 49.9#

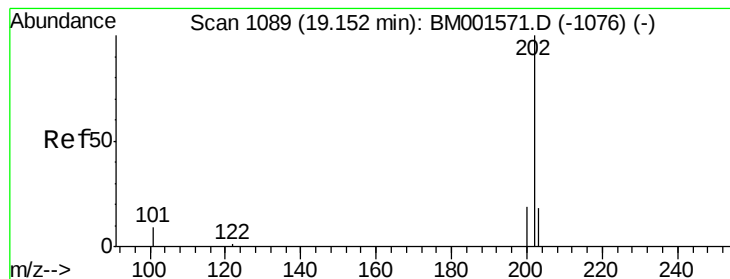


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#24

Fluoranthene

Concen: 0.08 ng

RT: 19.15 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601

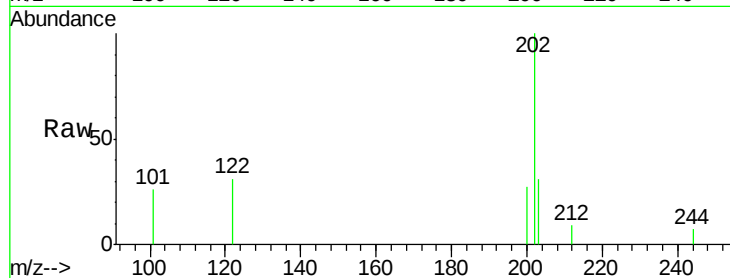
Tgt Ion:202 Resp: 1257

Ion Ratio Lower Upper

202 100

101 0.0 10.0 15.0#

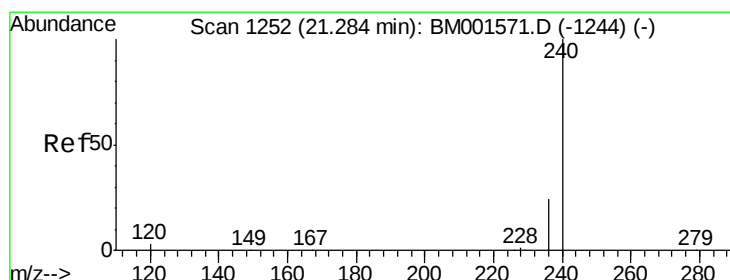
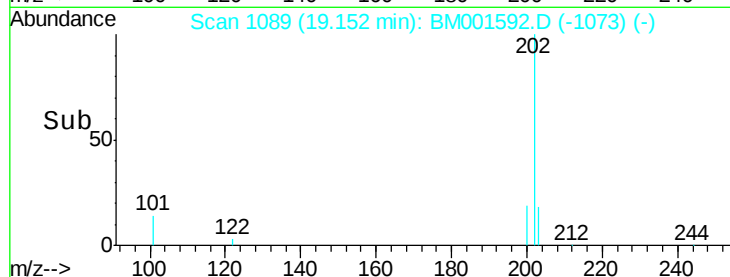
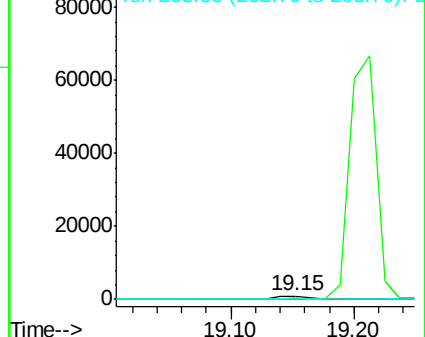
203 18.4 13.9 20.9



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



#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

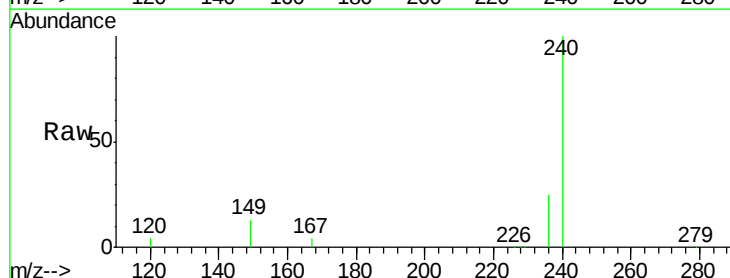
Tgt Ion:240 Resp: 67408

Ion Ratio Lower Upper

240 100

120 4.3 2.2 3.2#

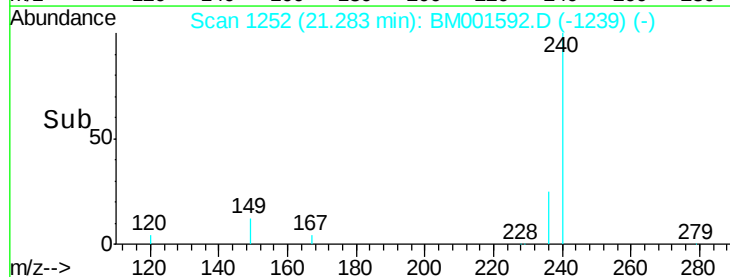
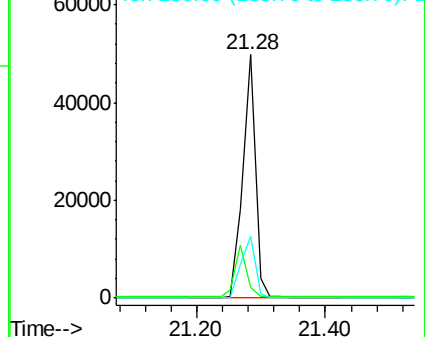
236 25.4 19.5 29.3

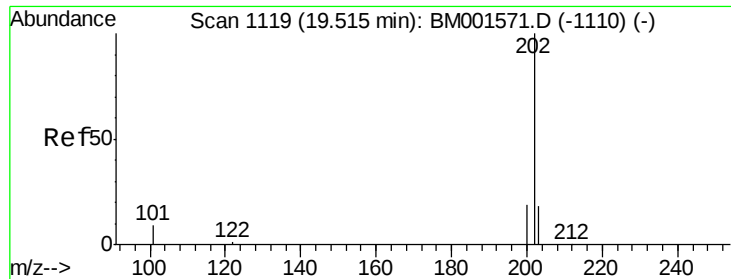


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

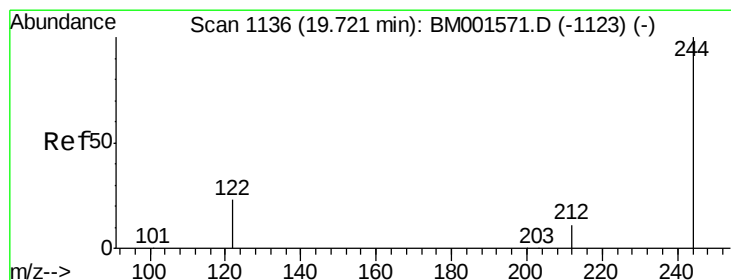
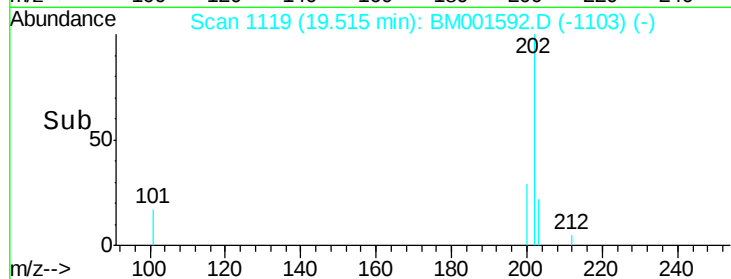
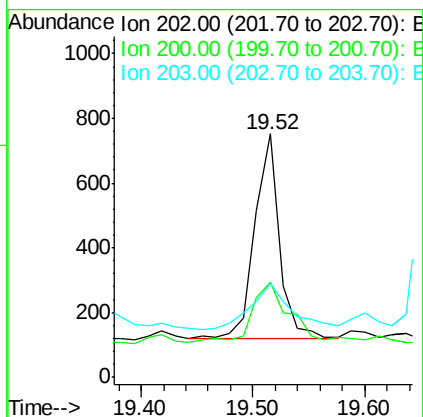
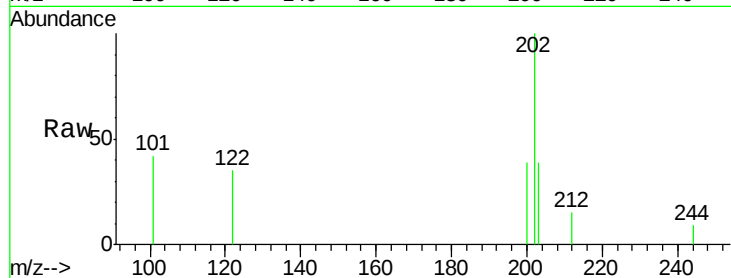




#26
 Pyrene
 Concen: 0.04 ng
 RT: 19.52 min Scan# 1119
 Delta R.T. -0.00 min
 Lab File: BM001592.D
 Acq: 06 Jun 2015 13:28

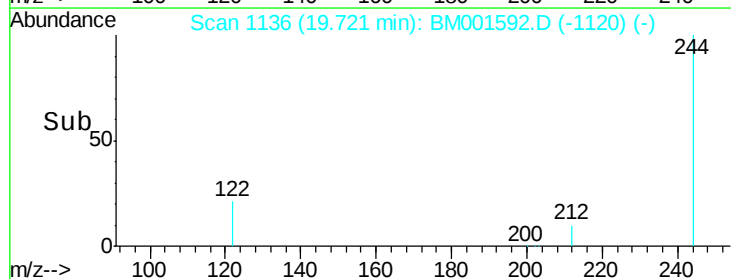
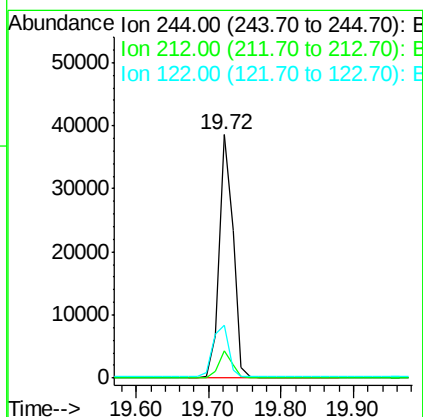
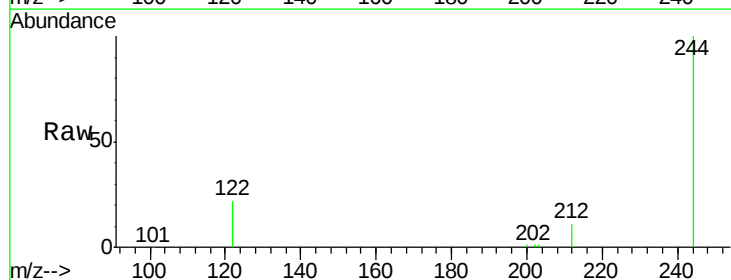
Instrument :
 BNA_M
 ClientSampleId :
 DUP-0278-150601

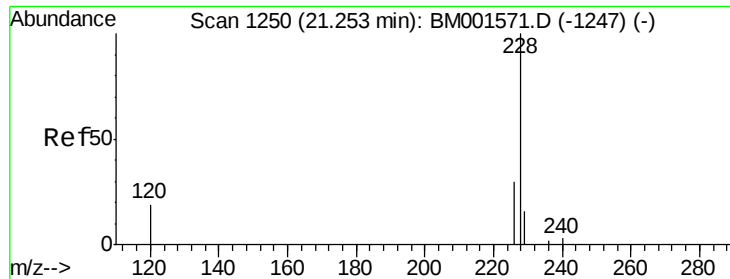
Tgt Ion: 202 Resp: 973
 Ion Ratio Lower Upper
 202 100
 200 46.4 16.6 24.8#
 203 37.3 13.9 20.9#



#27
 Terphenyl-d14
 Concen: 5.90 ng
 RT: 19.72 min Scan# 1136
 Delta R.T. -0.00 min
 Lab File: BM001592.D
 Acq: 06 Jun 2015 13:28

Tgt Ion: 244 Resp: 51331
 Ion Ratio Lower Upper
 244 100
 212 11.3 9.6 14.4
 122 21.7 19.0 28.4





#28

Benzo(a)anthracene

Concen: 0.03 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.02 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601

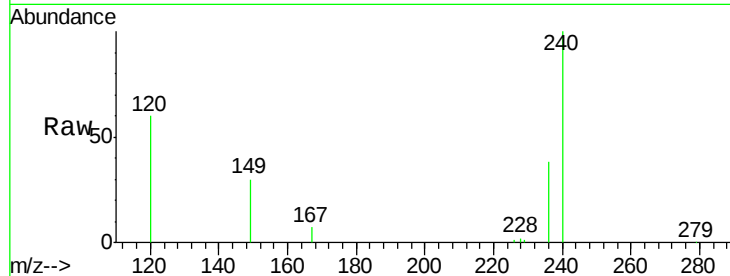
Tgt Ion:228 Resp: 601

Ion Ratio Lower Upper

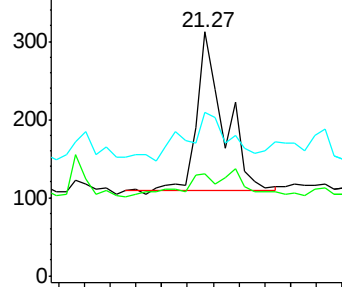
228 100

226 42.0 24.8 37.2#

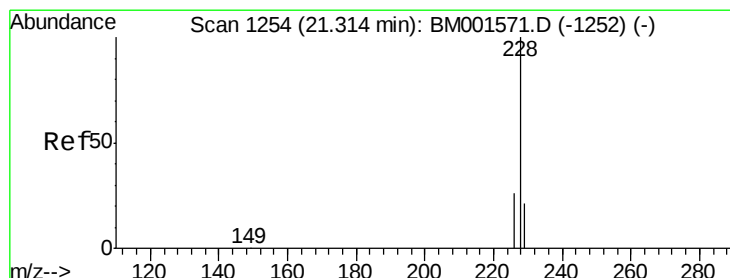
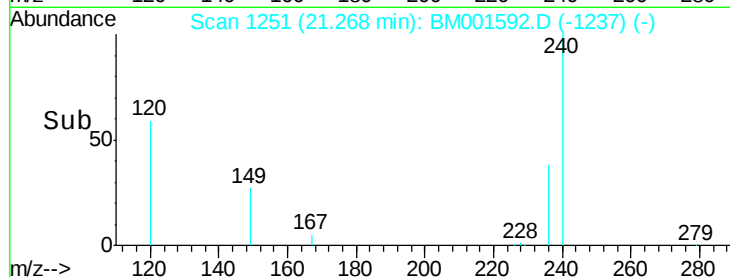
229 67.0 13.4 20.0#



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



Time-->



#29

Chrysene

Concen: 0.03 ng

RT: 21.27 min Scan# 1251

Delta R.T. -0.05 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

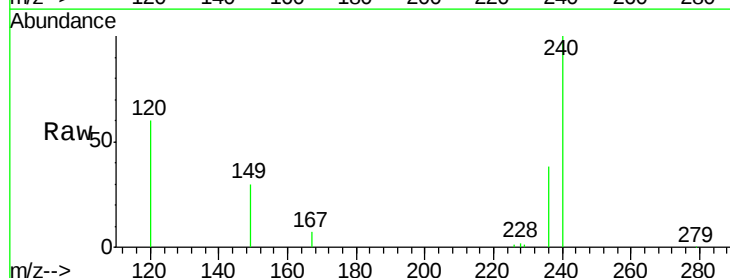
Tgt Ion:228 Resp: 601

Ion Ratio Lower Upper

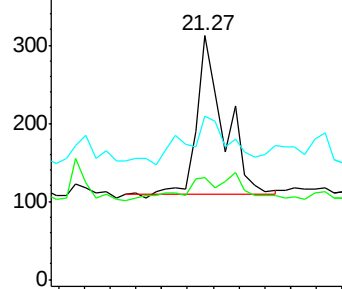
228 100

226 42.0 21.0 31.6#

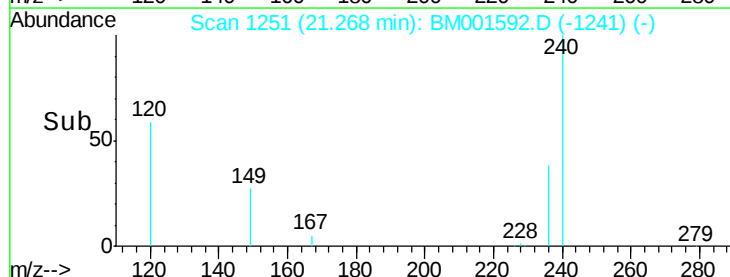
229 67.0 17.2 25.8#

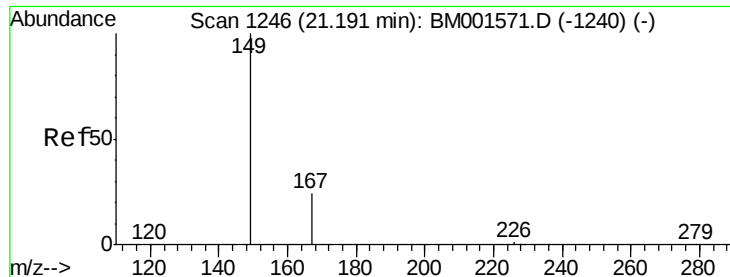


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





#30

Bis(2-ethylhexyl)phthalate

Concen: 1.18 ng

RT: 21.19 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601

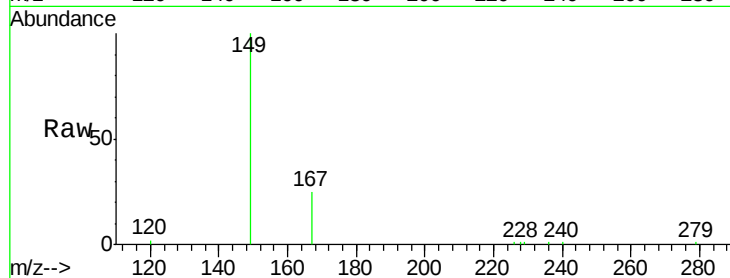
Tgt Ion:149 Resp: 13899

Ion Ratio Lower Upper

149 100

167 24.9 20.2 30.2

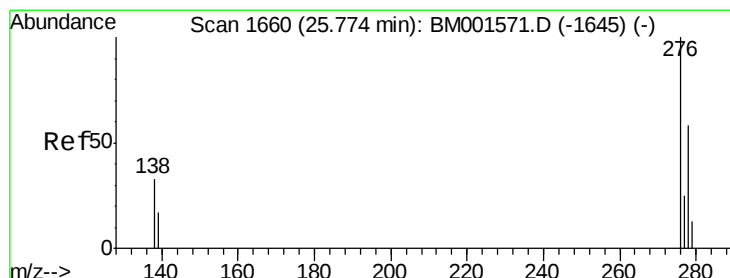
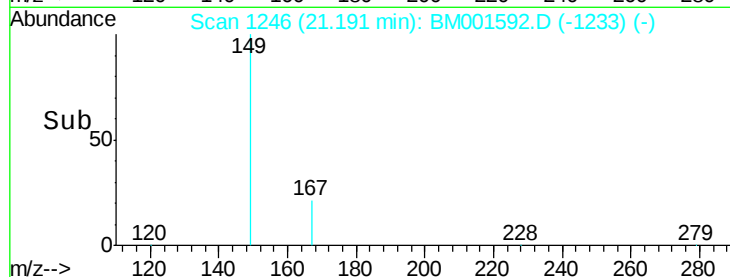
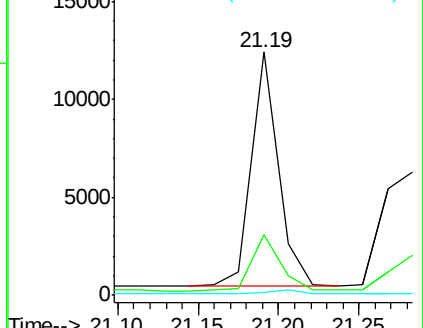
279 2.1 1.8 2.6



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: 0.02 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.01 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

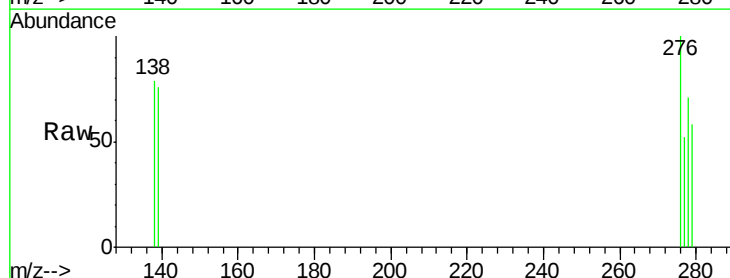
Tgt Ion:276 Resp: 375

Ion Ratio Lower Upper

276 100

138 55.5 28.0 42.0#

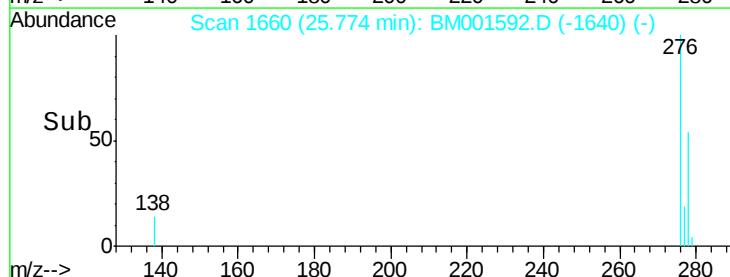
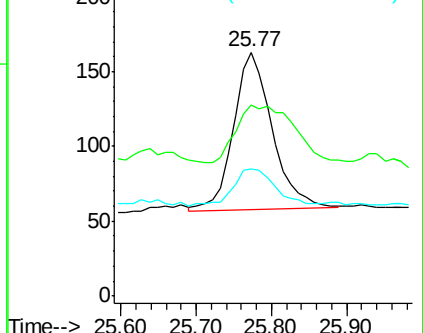
277 26.4 19.7 29.5

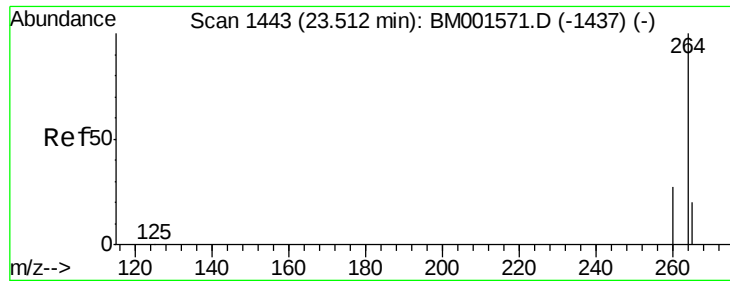


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

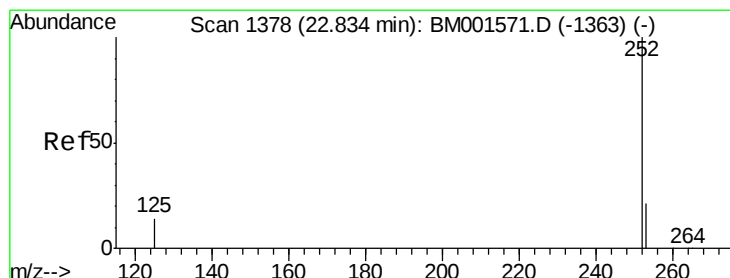
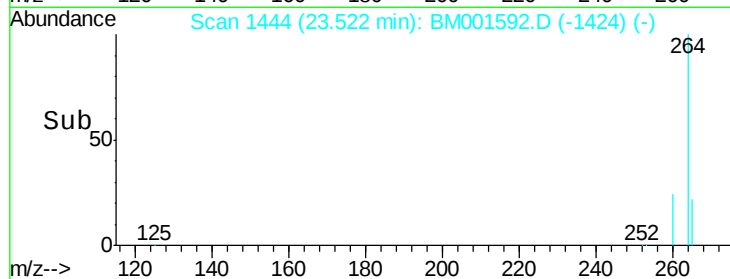
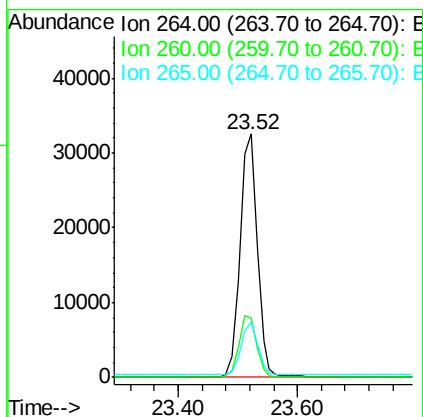
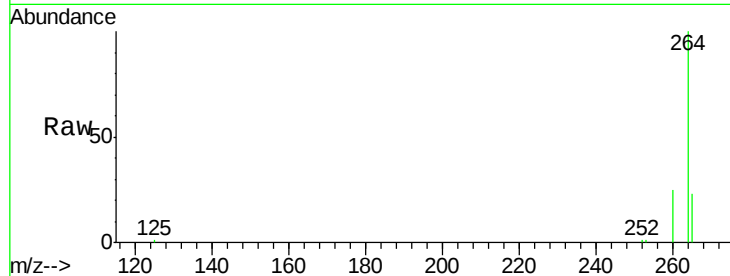




#32
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.52 min Scan# 1444
 Delta R.T. 0.01 min
 Lab File: BM001592.D
 Acq: 06 Jun 2015 13:28

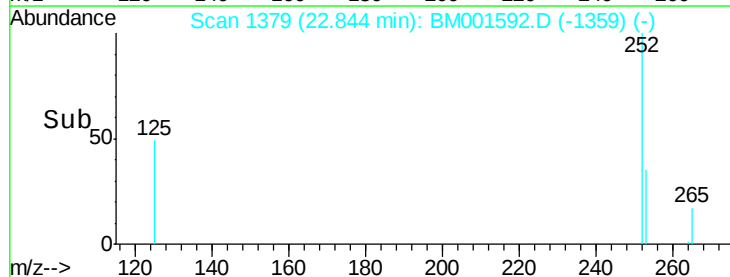
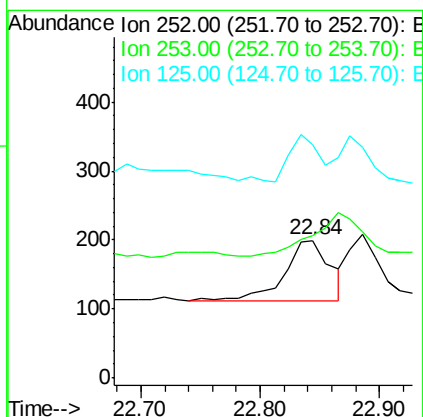
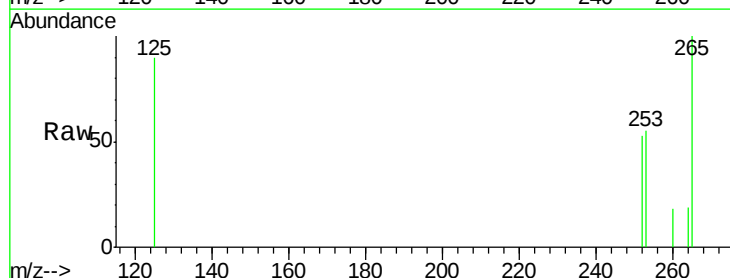
Instrument :
 BNA_M
 ClientSampleId :
 DUP-0278-150601

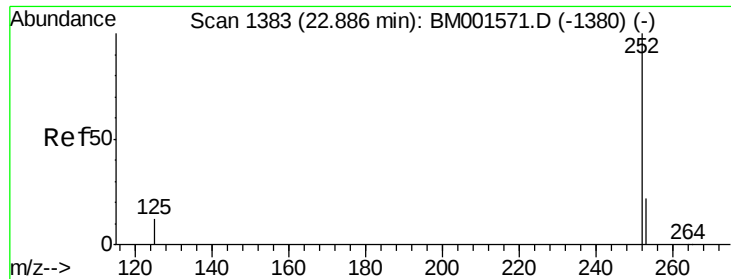
Tgt Ion: 264 Resp: 63798
 Ion Ratio Lower Upper
 264 100
 260 24.5 21.6 32.4
 265 22.7 16.5 24.7



#33
 Benzo(b)fluoranthene
 Concen: 0.01 ng
 RT: 22.84 min Scan# 1379
 Delta R.T. 0.01 min
 Lab File: BM001592.D
 Acq: 06 Jun 2015 13:28

Tgt Ion: 252 Resp: 235
 Ion Ratio Lower Upper
 252 100
 253 103.5 17.4 26.2#
 125 170.4 11.8 17.8#





#34

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 22.89 min Scan# 1383

Delta R.T. 0.01 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601

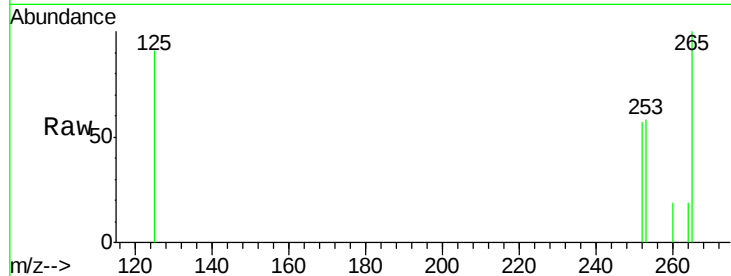
Tgt Ion:252 Resp: 167

Ion Ratio Lower Upper

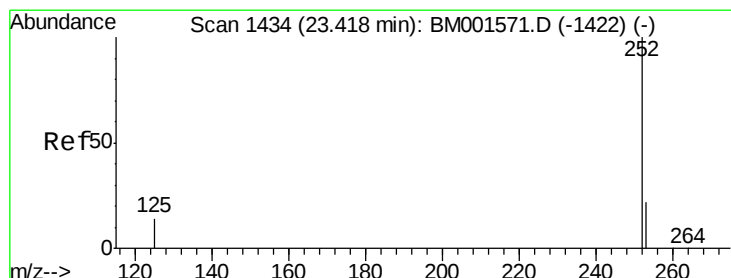
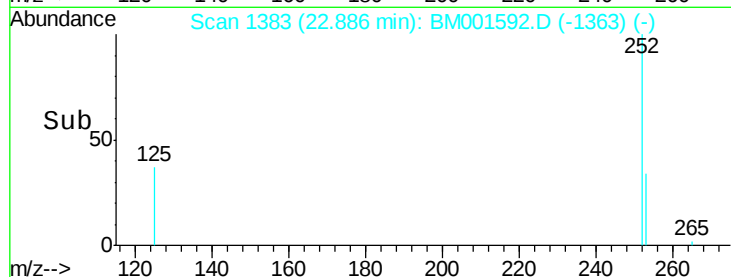
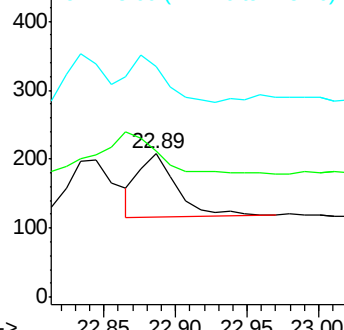
252 100

253 101.9 18.8 28.2#

125 160.6 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: 0.01 ng

RT: 23.42 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

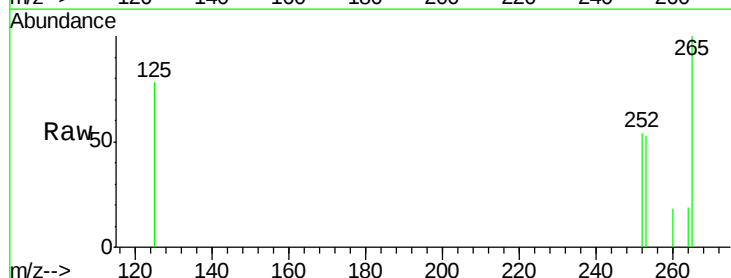
Tgt Ion:252 Resp: 185

Ion Ratio Lower Upper

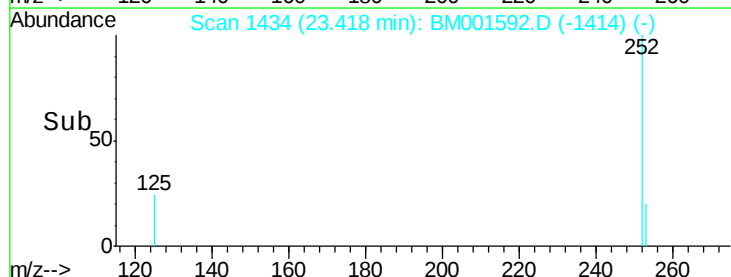
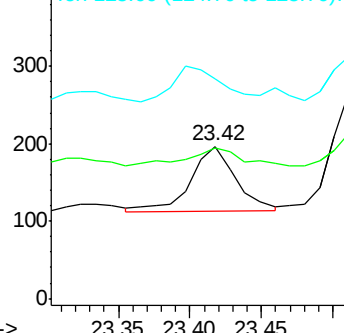
252 100

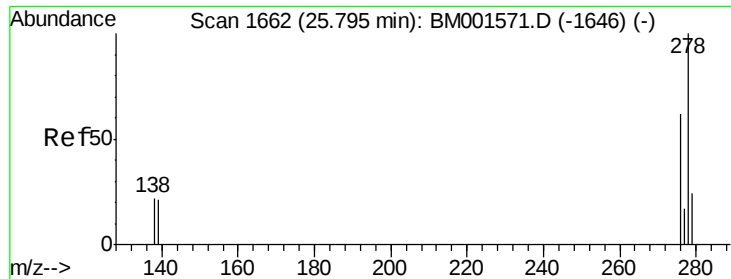
253 98.5 18.8 28.2#

125 144.2 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: 0.02 ng

RT: 25.79 min Scan# 1662

Delta R.T. 0.01 min

Lab File: BM001592.D

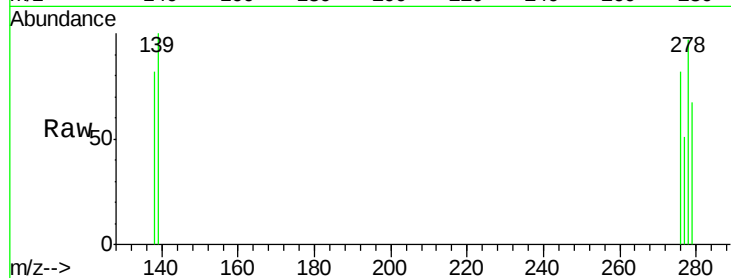
Acq: 06 Jun 2015 13:28

Instrument :

BNA_M

ClientSampleId :

DUP-0278-150601



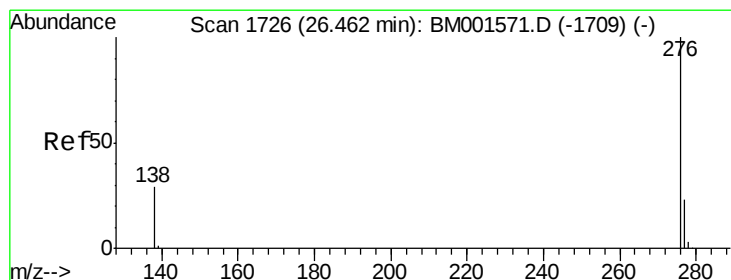
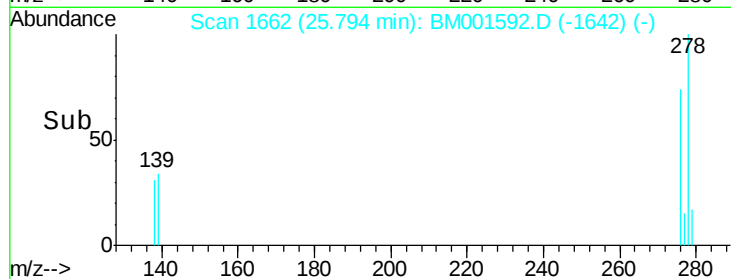
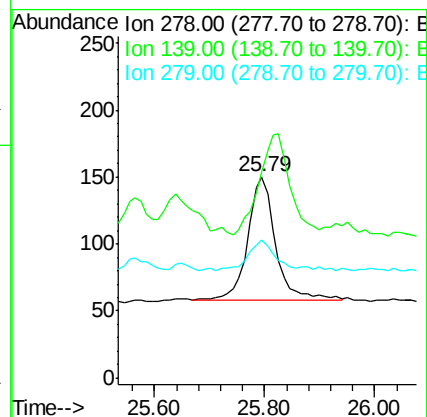
Tgt Ion: 278 Resp: 326

Ion Ratio Lower Upper

278 100

139 102.7 17.4 26.0#

279 68.7 20.0 30.0#



#37

Benzo(g,h,i)perylene

Concen: 0.02 ng

RT: 26.46 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BM001592.D

Acq: 06 Jun 2015 13:28

Tgt Ion: 276 Resp: 354

Ion Ratio Lower Upper

276 100

277 56.1 19.2 28.8#

138 73.6 23.7 35.5#

