

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
 Data File : BM001526.D
 Acq On : 02 Jun 2015 23:02
 Operator : TP/IZ
 Sample : G2446-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 T-15000

Quant Time: Jun 03 03:15:18 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 03 02:19:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	15969	5.00	ng	0.00
6) Naphthalene-d8	10.49	136	56480	5.00	ng	0.00
12) Acenaphthene-d10	14.36	164	25903	5.00	ng	-0.01
18) Phenanthrene-d10	17.10	188	68075	5.00	ng	0.00
25) Chrysene-d12	21.30	240	45131	5.00	ng	0.00
32) Perylene-d12	23.54	264	43087	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	19668	5.63	ng	-0.02
5) Phenol-d6	6.86	99	17057	3.95	ng	0.00
7) Nitrobenzene-d5	8.87	82	27901	7.94	ng	0.00
13) 2,4,6-Tribromophenol	15.84	330	13638	28.23	ng	0.00
14) 2-Fluorobiphenyl	12.98	172	65573	8.43	ng	-0.01
27) Terphenyl-d14	19.74	244	53490	9.62	ng	0.00

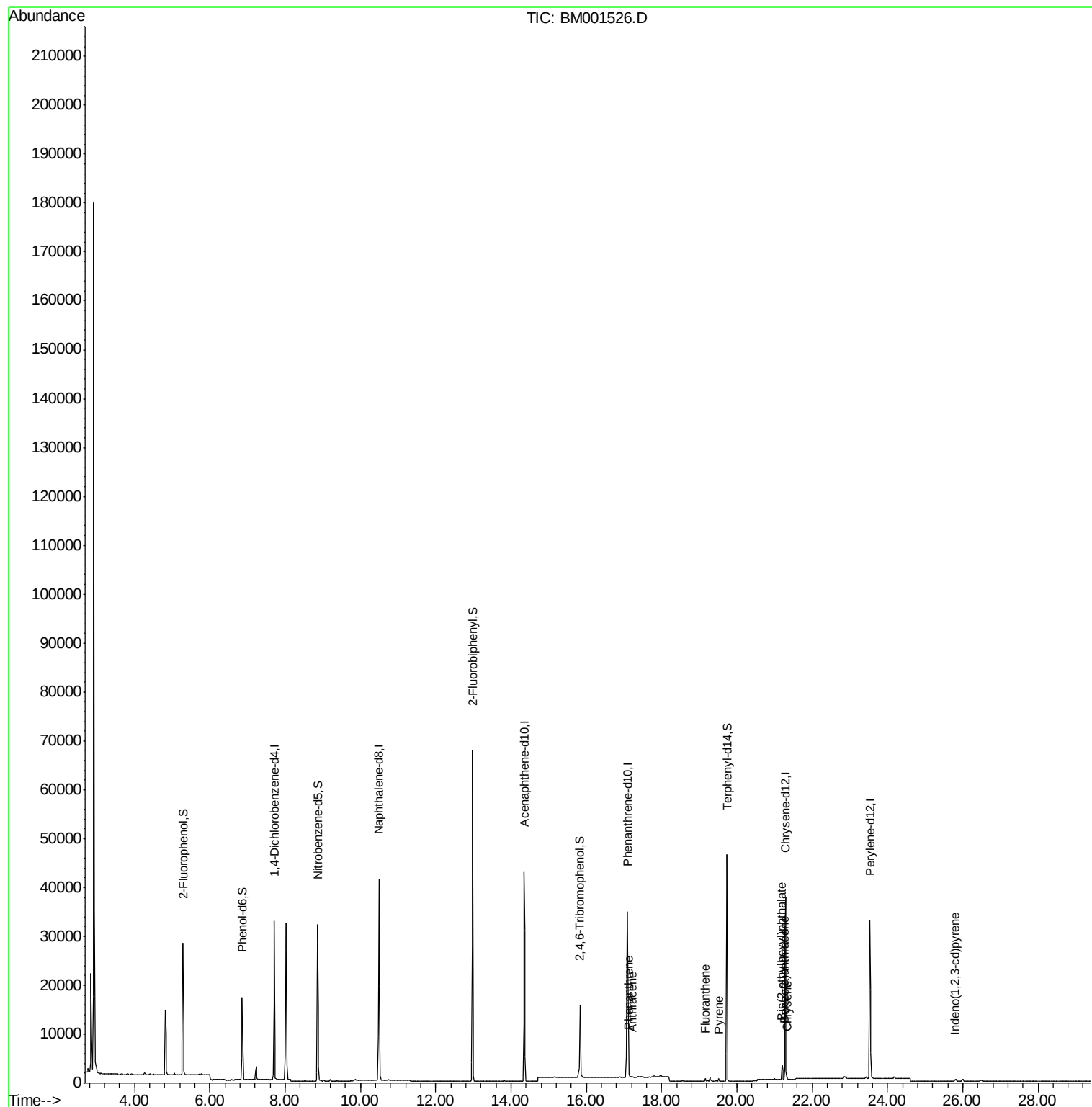
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
22) Phenanthrene	17.13	178	893	0.08	ng	# 89
23) Anthracene	17.23	178	141	0.01	ng	# 91
24) Fluoranthene	19.16	202	505	0.04	ng	# 81
26) Pyrene	19.52	202	522	0.04	ng	97
28) Benzo(a)anthracene	21.27	228	599	0.05	ng	# 73
29) Chrysene	21.33	228	475	0.04	ng	# 85
30) Bis(2-ethylhexyl)phthalate	21.20	149	3670	0.43	ng	97
31) Indeno(1,2,3-cd)pyrene	25.80	276	480	0.04	ng	# 79

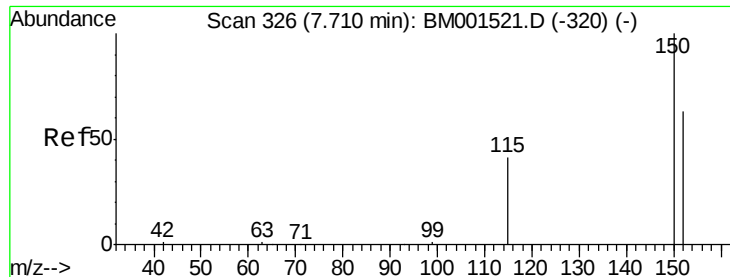
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060215\
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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: BM001526.D

Acq: 02 Jun 2015 23:02

Instrument :

BNA_M

ClientSampleId :

T-15000

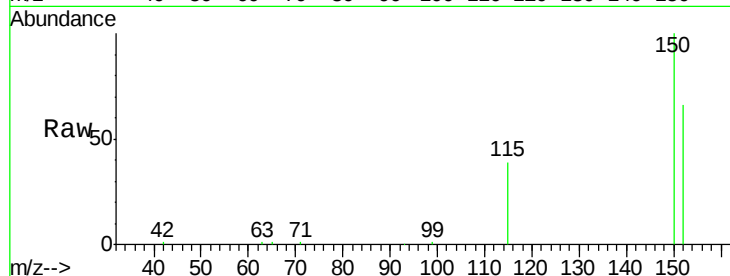
Tgt Ion:152 Resp: 15969

Ion Ratio Lower Upper

152 100

150 151.2 119.0 178.6

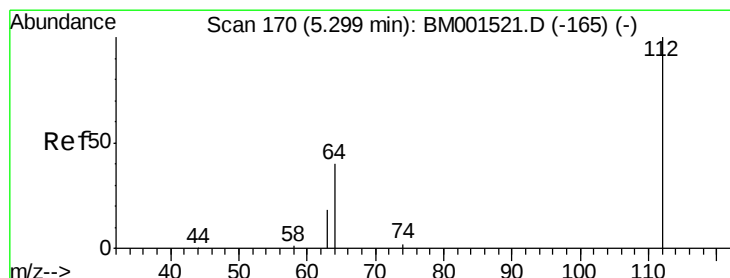
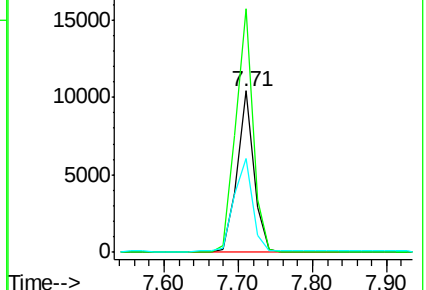
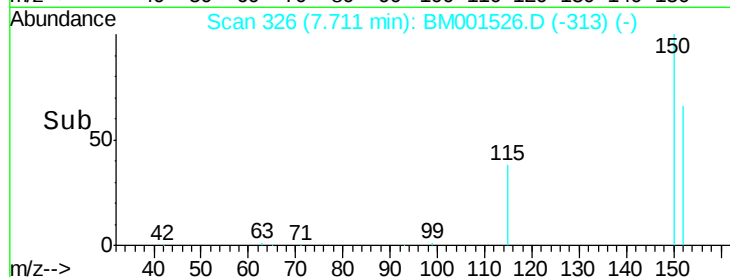
115 58.4 41.8 62.8



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



#4

2-Fluorophenol

Concen: 5.63 ng

RT: 5.28 min Scan# 169

Delta R.T. -0.02 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

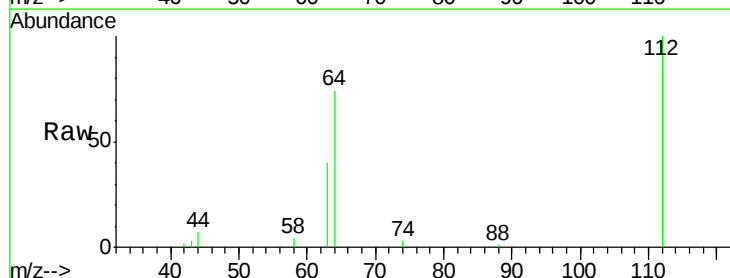
Tgt Ion:112 Resp: 19668

Ion Ratio Lower Upper

112 100

64 66.6 51.7 77.5

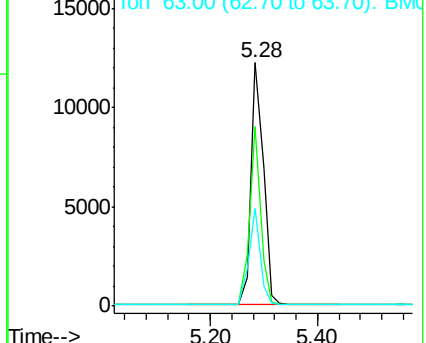
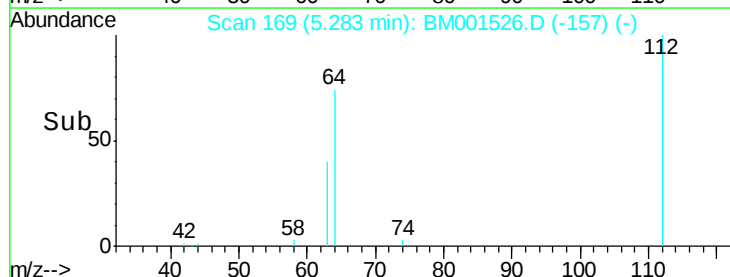
63 36.9 29.7 44.5

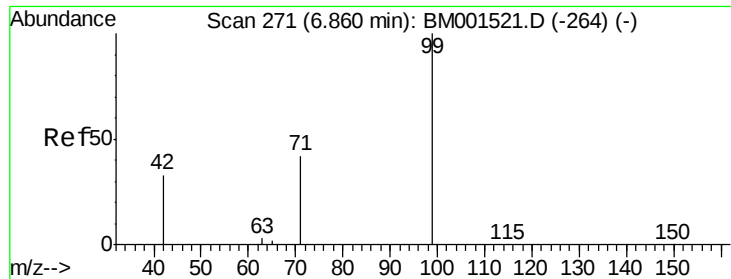


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 3.95 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

Instrument :

BNA_M

ClientSampled :

T-15000

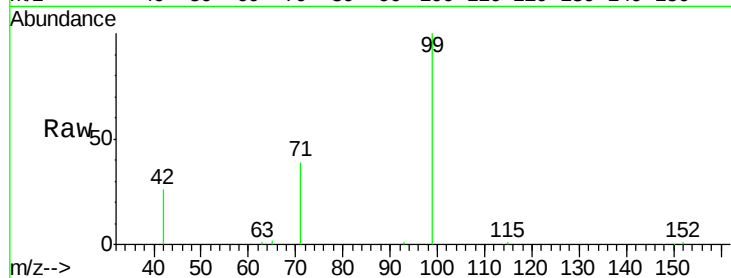
Tgt Ion: 99 Resp: 17057

Ion Ratio Lower Upper

99 100

42 25.0 21.8 32.6

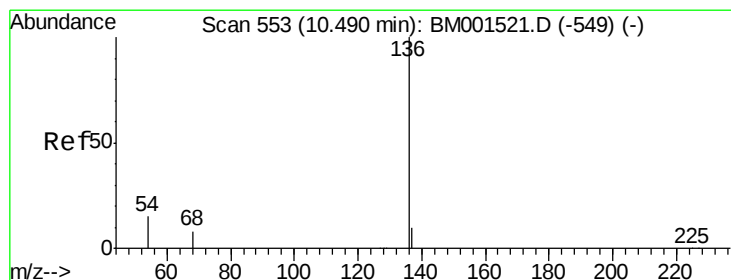
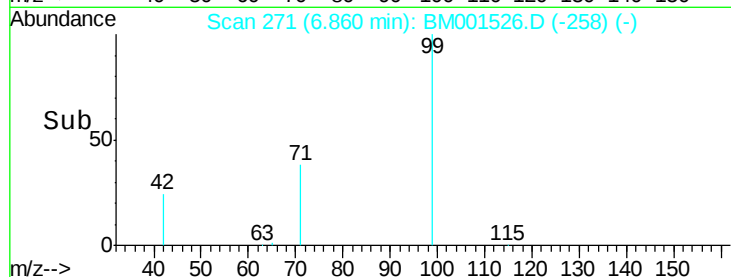
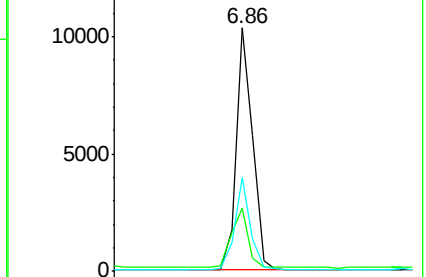
71 35.7 29.2 43.8



Abundance Ion 99.00 (98.70 to 99.70): BM001526.D (-258) (-)

Ion 42.00 (41.70 to 42.70): BM001526.D (-258) (-)

Ion 71.00 (70.70 to 71.70): BM001526.D (-258) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

Tgt Ion: 136 Resp: 56480

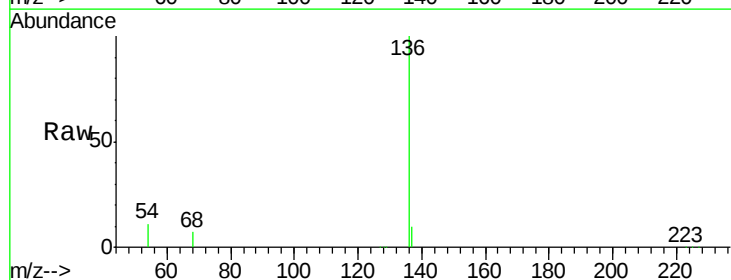
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 11.1 4.3 6.5#

68 6.7 2.6 4.0#

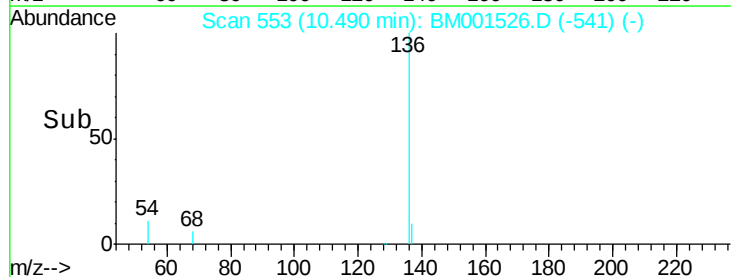
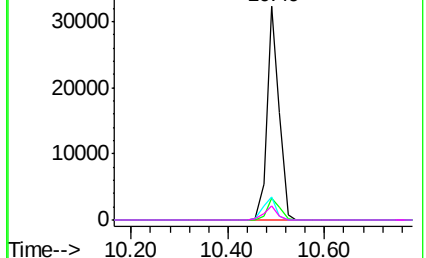


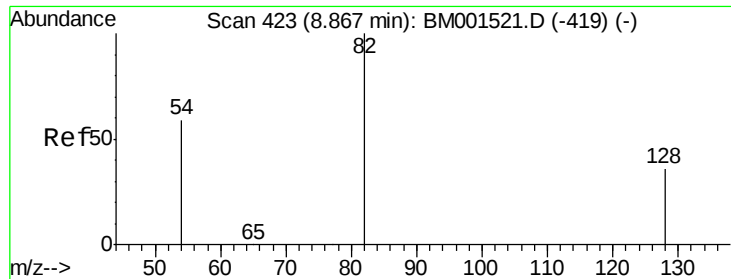
Abundance Ion 136.00 (135.70 to 136.70): BM001526.D (-541) (-)

Ion 137.00 (136.70 to 137.70): BM001526.D (-541) (-)

Ion 54.00 (53.70 to 54.70): BM001526.D (-541) (-)

Ion 68.00 (67.70 to 68.70): BM001526.D (-541) (-)





#7

Nitrobenzene-d5

Concen: 7.94 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

Instrument :

BNA_M

ClientSampleId :

T-15000

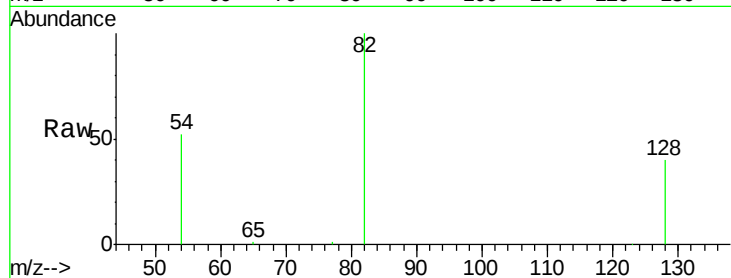
Tgt Ion: 82 Resp: 27901

Ion Ratio Lower Upper

82 100

128 40.1 30.2 45.4

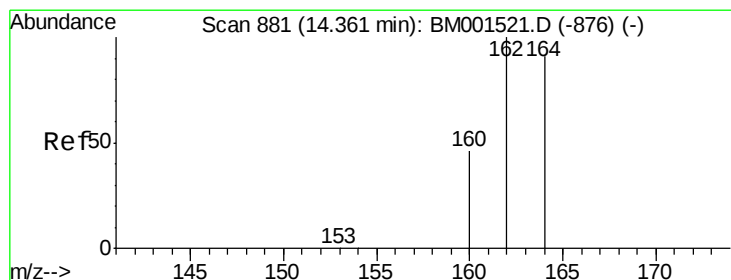
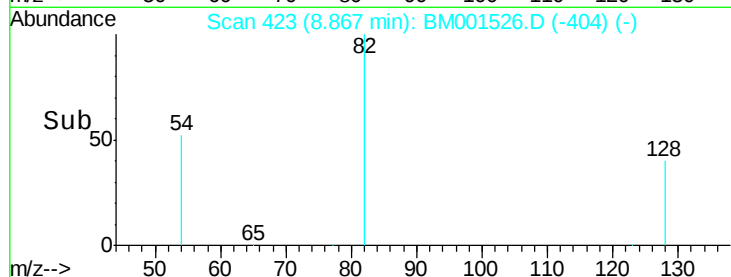
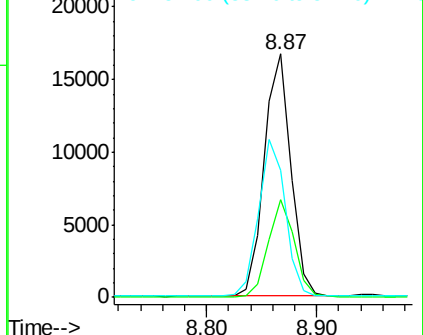
54 52.0 52.9 79.3#



Abundance Ion 82.00 (81.70 to 82.70): BM001526.D (-404) (-)

Ion 128.00 (127.70 to 128.70): BM001526.D (-404) (-)

Ion 54.00 (53.70 to 54.70): BM001526.D (-404) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.36 min Scan# 880

Delta R.T. -0.01 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

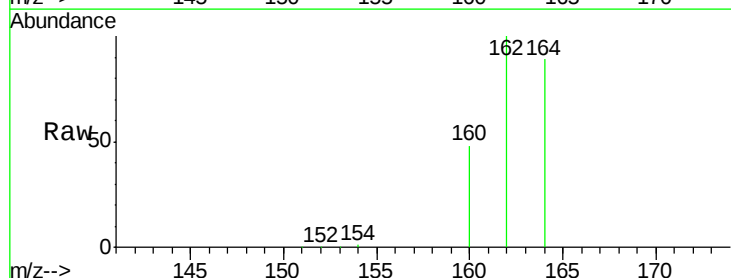
Tgt Ion: 164 Resp: 25903

Ion Ratio Lower Upper

164 100

162 112.5 83.4 125.2

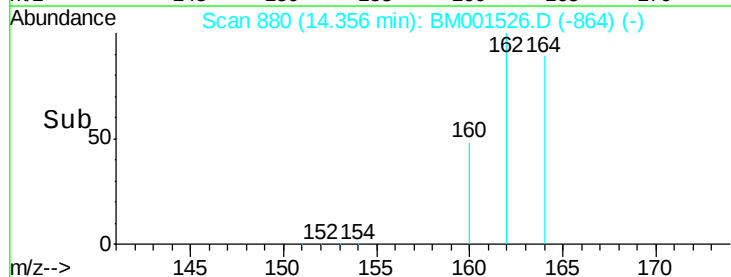
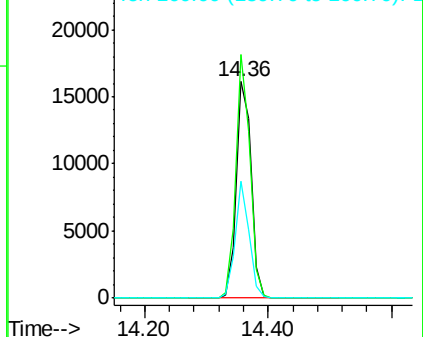
160 53.9 36.9 55.3

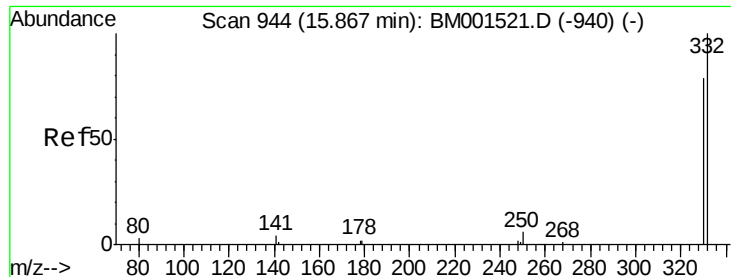


Abundance Ion 164.00 (163.70 to 164.70): BM001526.D (-864) (-)

Ion 162.00 (161.70 to 162.70): BM001526.D (-864) (-)

Ion 160.00 (159.70 to 160.70): BM001526.D (-864) (-)

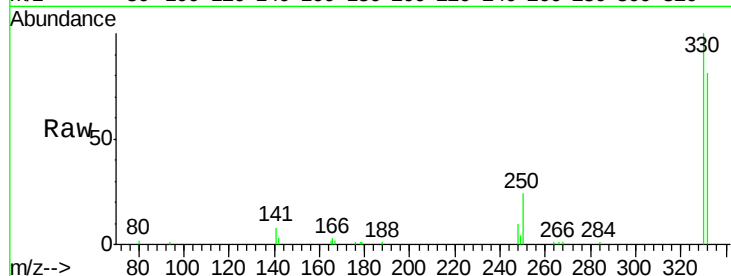




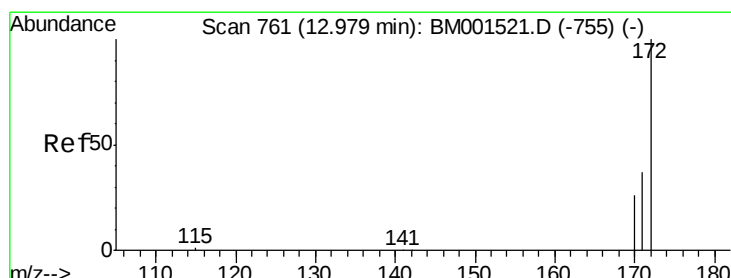
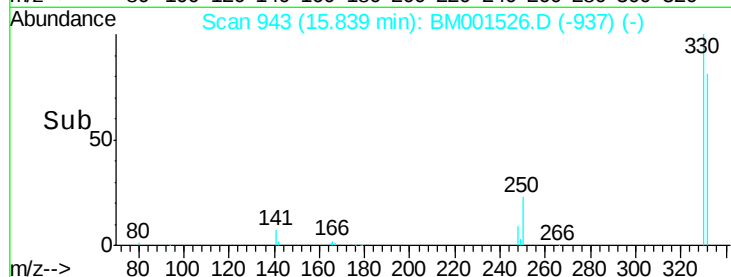
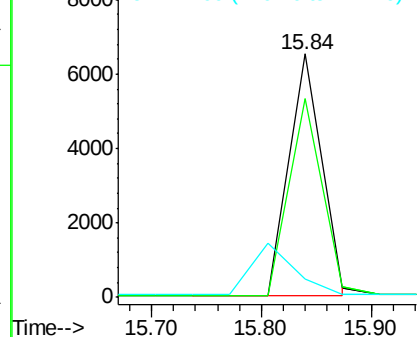
#13
 2,4,6-Tribromophenol
 Concen: 28.23 ng
 RT: 15.84 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001526.D
 Acq: 02 Jun 2015 23:02

Instrument :
 BNA_M
 ClientSampleId :
 T-15000

Tgt Ion:330 Resp: 13638
 Ion Ratio Lower Upper
 330 100
 332 82.8 90.3 135.5#
 141 0.0 0.0 0.0

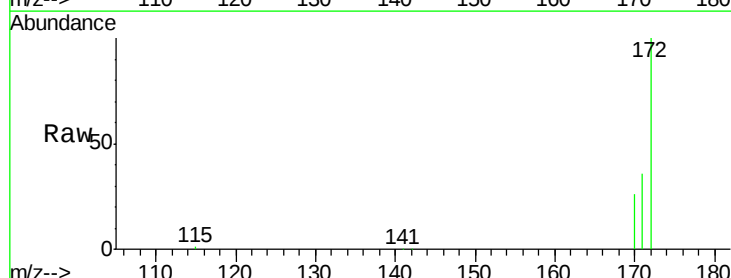


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

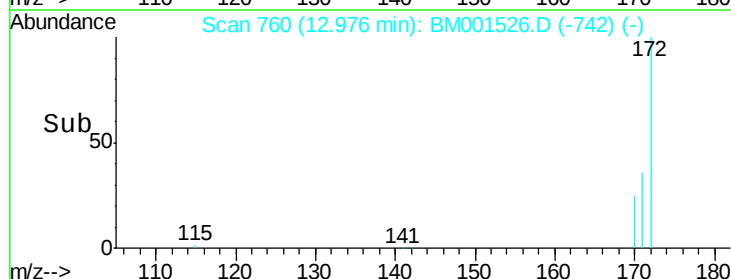
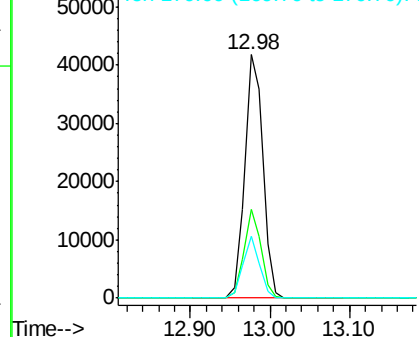


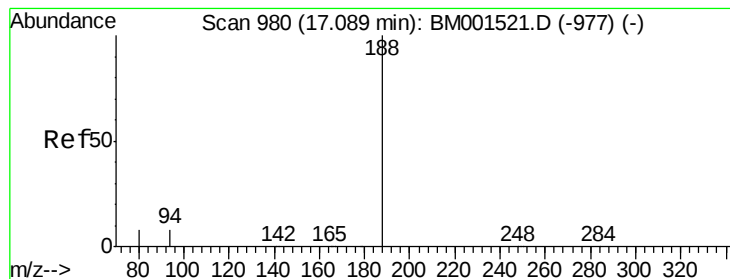
#14
 2-Fluorobiphenyl
 Concen: 8.43 ng
 RT: 12.98 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BM001526.D
 Acq: 02 Jun 2015 23:02

Tgt Ion:172 Resp: 65573
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 25.5 20.2 30.4



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





#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.10 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

Instrument :

BNA_M

ClientSampleId :

T-15000

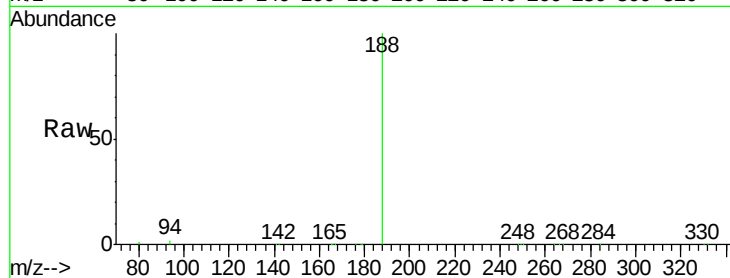
Tgt Ion:188 Resp: 68075

Ion Ratio Lower Upper

188 100

94 1.6 3.0 4.4#

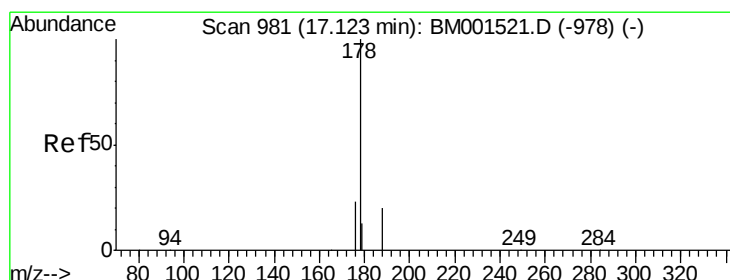
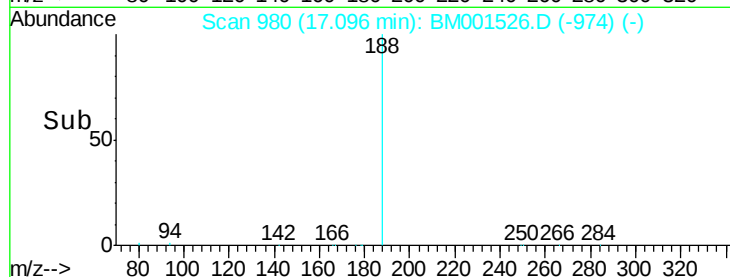
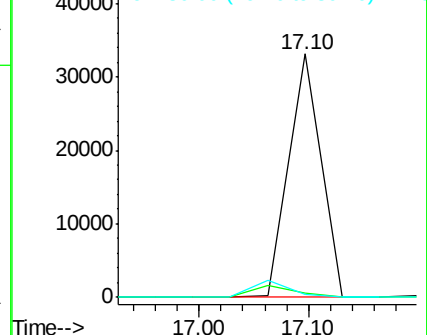
80 1.3 2.5 3.7#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#22

Phenanthrene

Concen: 0.08 ng

RT: 17.13 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

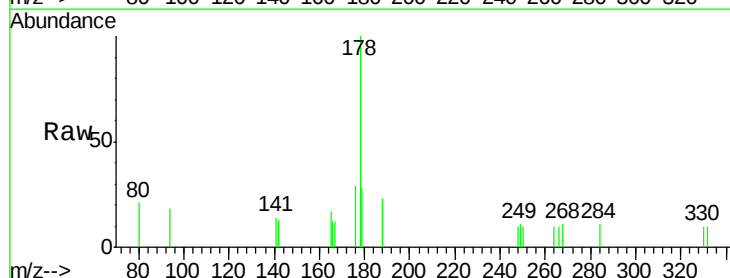
Tgt Ion:178 Resp: 893

Ion Ratio Lower Upper

178 100

176 20.9 16.8 25.2

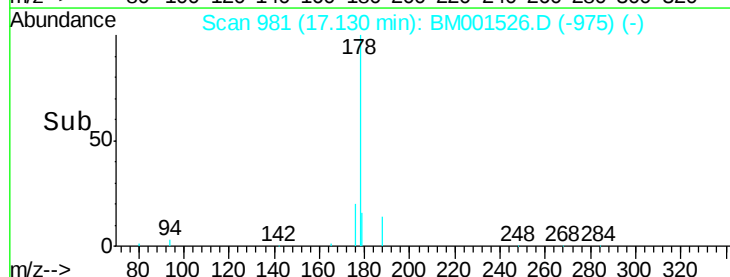
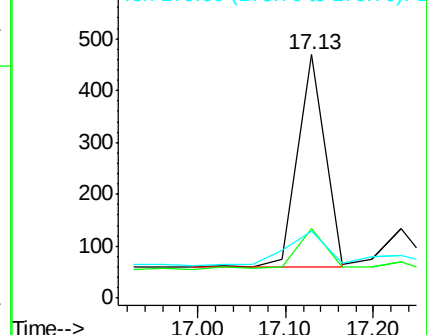
179 24.6 11.0 16.4#

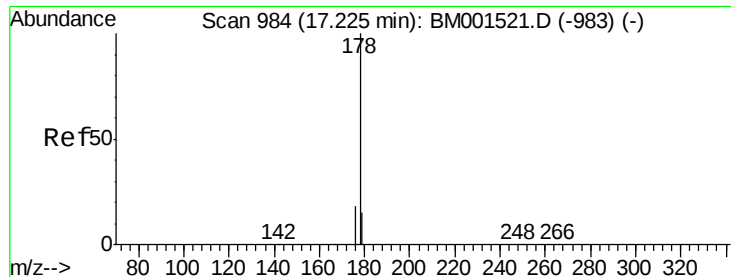


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.01 ng

RT: 17.23 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

Instrument :

BNA_M

ClientSampleId :

T-15000

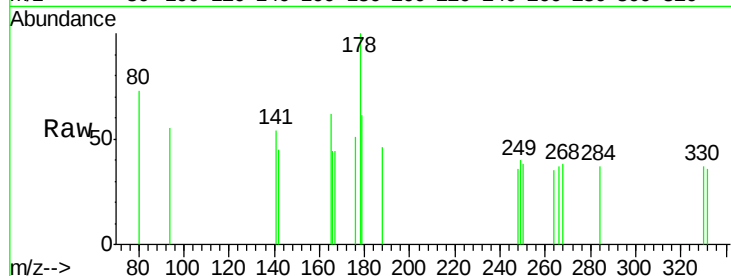
Tgt Ion:178 Resp: 141

Ion Ratio Lower Upper

178 100

176 17.0 13.1 19.7

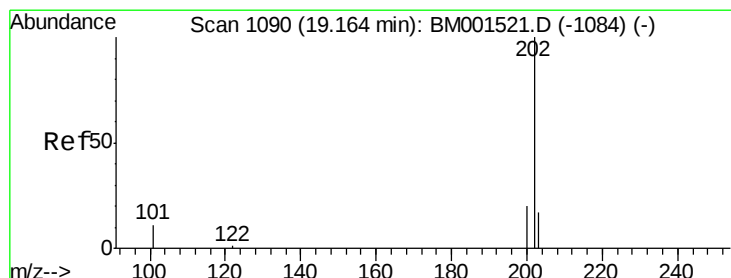
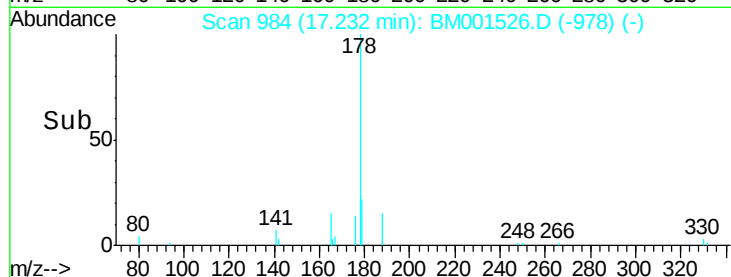
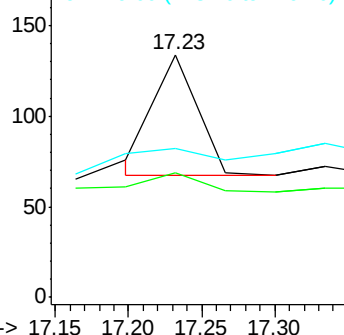
179 8.5 12.8 19.2#



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: 0.04 ng

RT: 19.16 min Scan# 1091

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

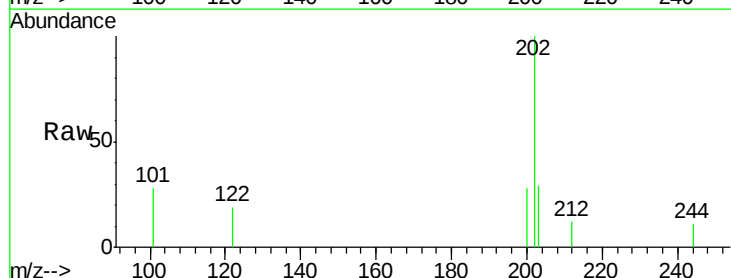
Tgt Ion:202 Resp: 505

Ion Ratio Lower Upper

202 100

101 23.4 8.6 12.8#

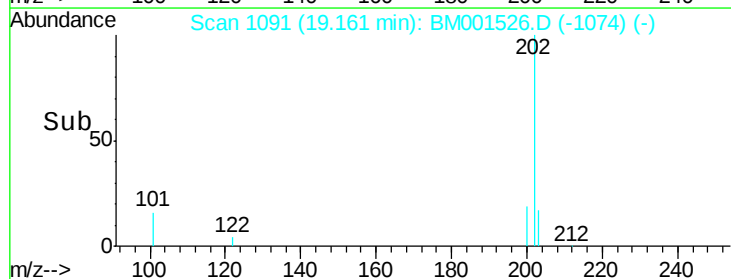
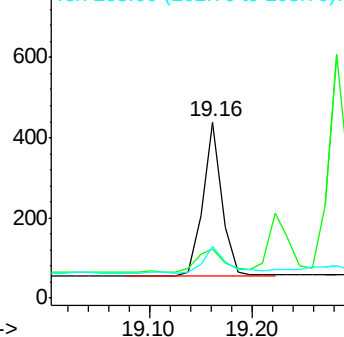
203 21.8 13.8 20.6#

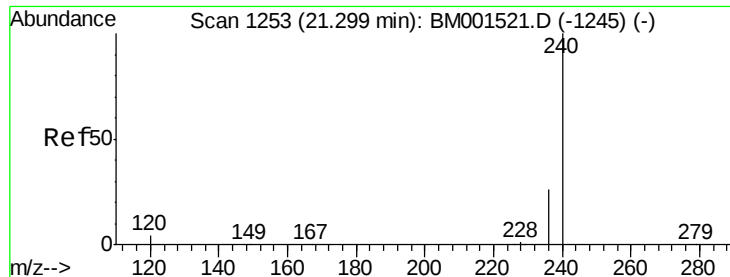


Abundance Ion 202.00 (201.70 to 202.70): E

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# 1254

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

Instrument :

BNA_M

ClientSampleId :

T-15000

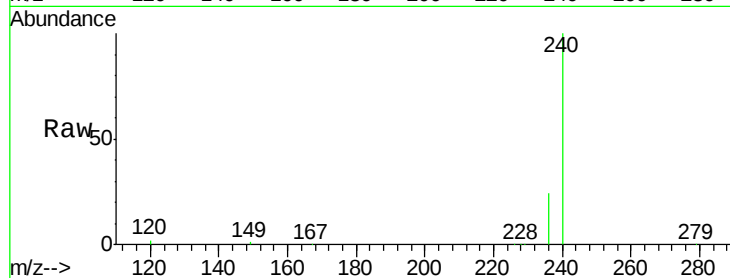
Tgt Ion:240 Resp: 45131

Ion Ratio Lower Upper

240 100

120 2.5 9.7 14.5#

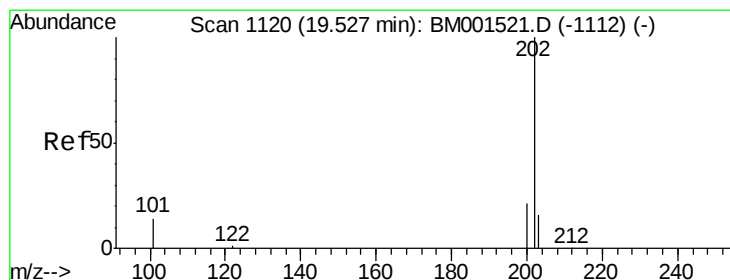
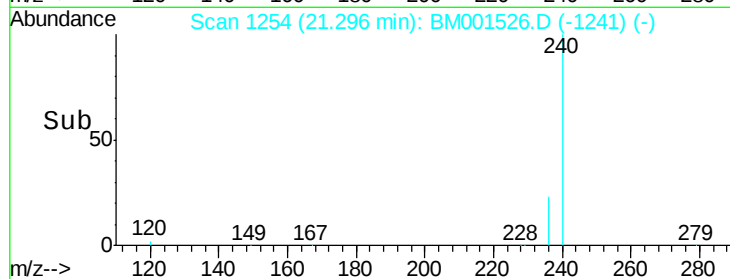
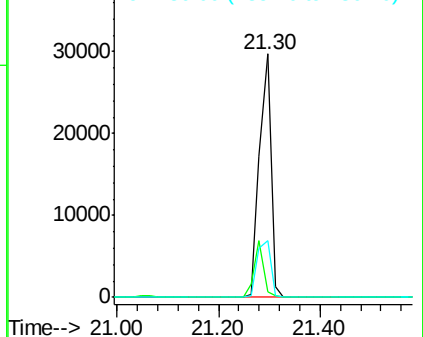
236 23.5 24.8 37.2#



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: 0.04 ng

RT: 19.52 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

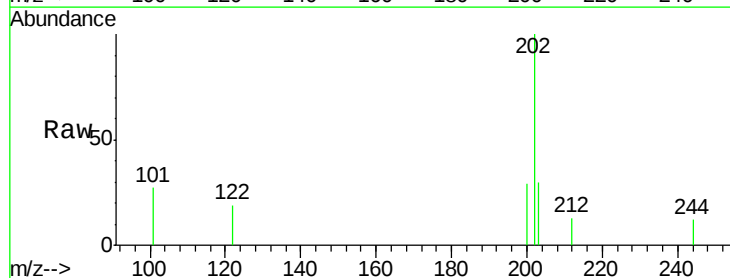
Tgt Ion:202 Resp: 522

Ion Ratio Lower Upper

202 100

200 21.6 16.4 24.6

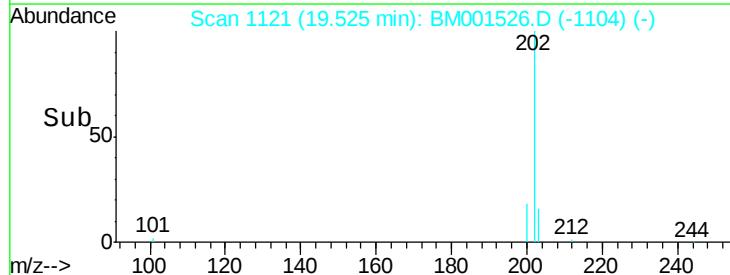
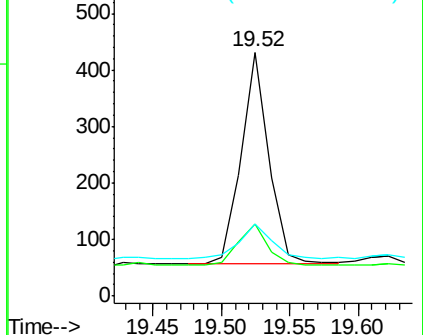
203 18.8 13.9 20.9

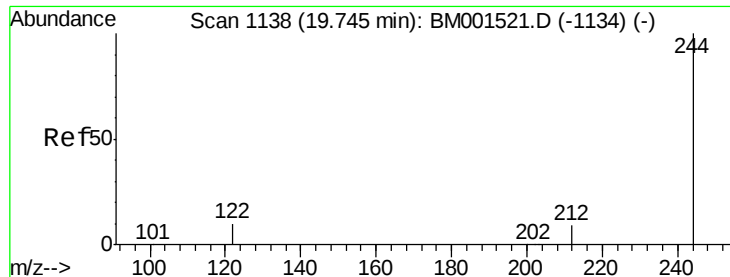


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

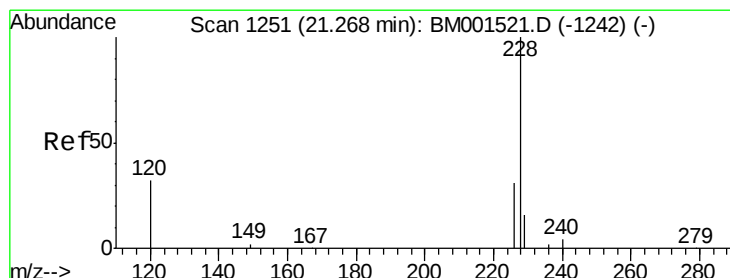
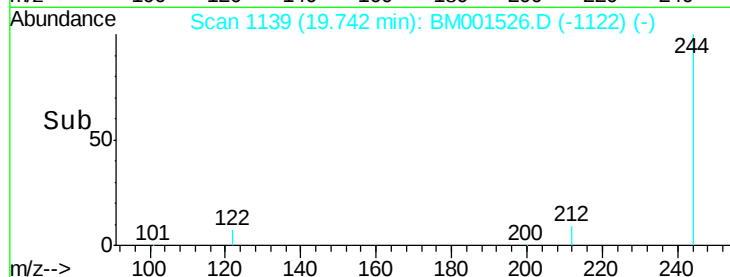
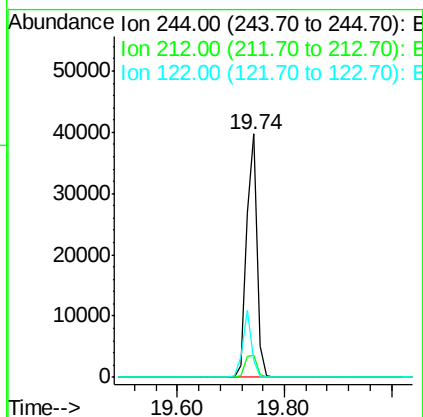
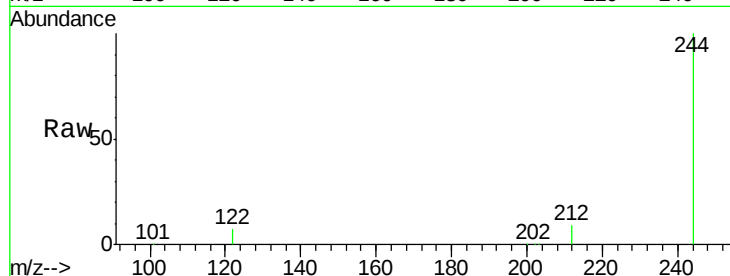




#27
 Terphenyl-d14
 Concen: 9.62 ng
 RT: 19.74 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: BM001526.D
 Acq: 02 Jun 2015 23:02

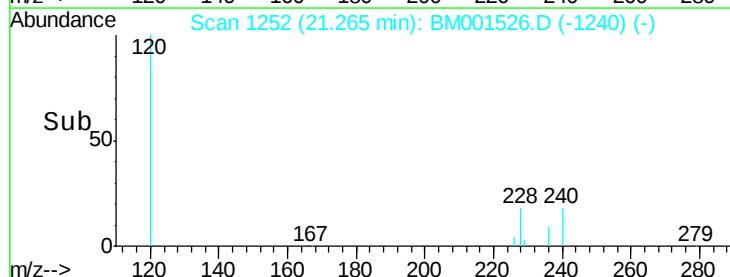
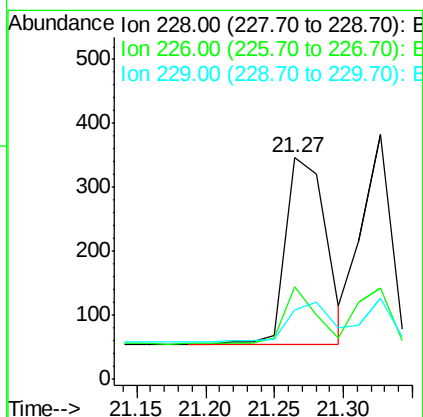
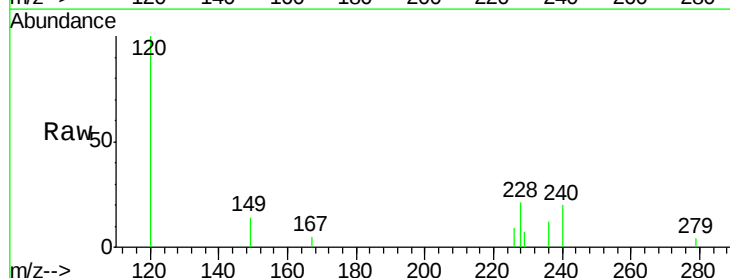
Instrument :
 BNA_M
 ClientSampleId :
 T-15000

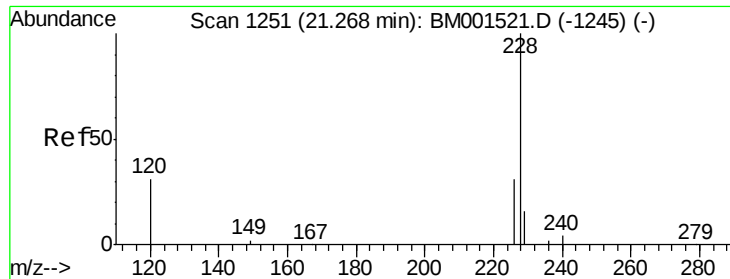
Tgt Ion:244 Resp: 53490
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.2 10.8
 122 7.2 5.1 7.7



#28
 Benzo(a)anthracene
 Concen: 0.05 ng
 RT: 21.27 min Scan# 1252
 Delta R.T. -0.02 min
 Lab File: BM001526.D
 Acq: 02 Jun 2015 23:02

Tgt Ion:228 Resp: 599
 Ion Ratio Lower Upper
 228 100
 226 41.6 21.9 32.9#
 229 31.2 15.1 22.7#





#29

Chrysene

Concen: 0.04 ng

RT: 21.33 min Scan# 1256

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

Instrument :

BNA_M

ClientSampled :

T-15000

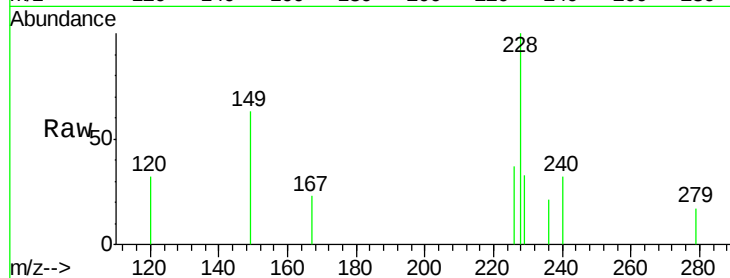
Tgt Ion:228 Resp: 475

Ion Ratio Lower Upper

228 100

226 36.9 27.6 41.4

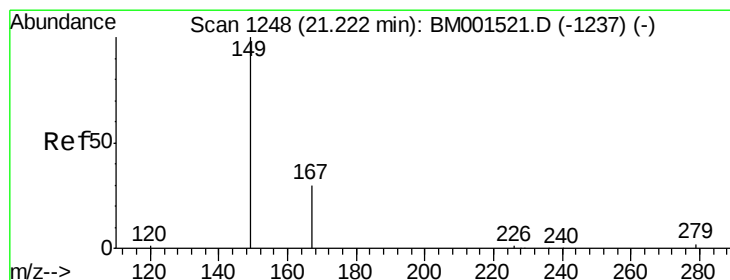
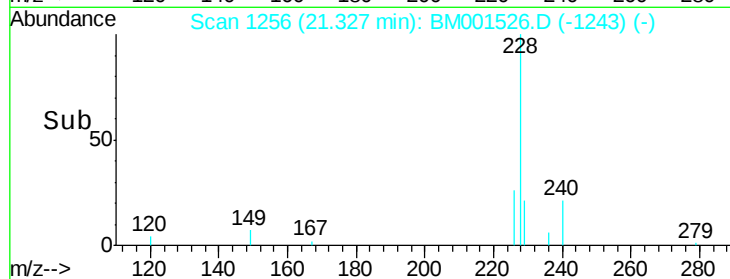
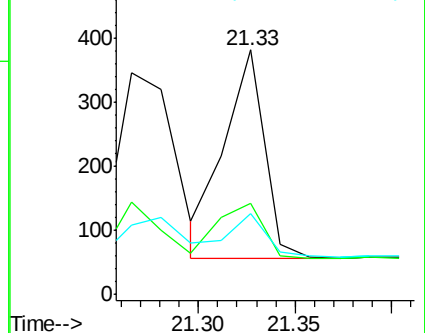
229 32.7 13.6 20.4#



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: 0.43 ng

RT: 21.20 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

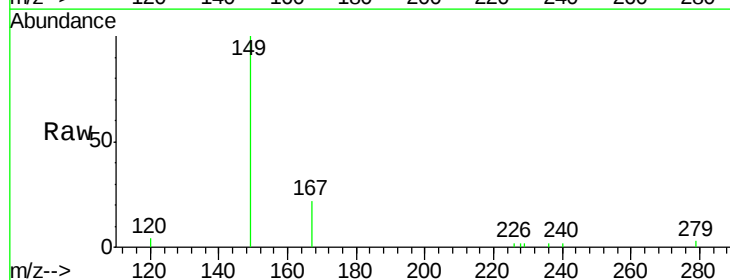
Tgt Ion:149 Resp: 3670

Ion Ratio Lower Upper

149 100

167 24.8 21.0 31.6

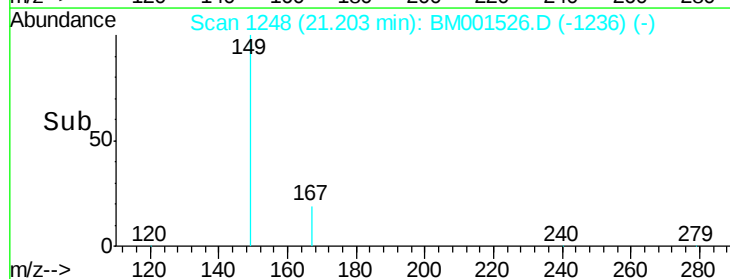
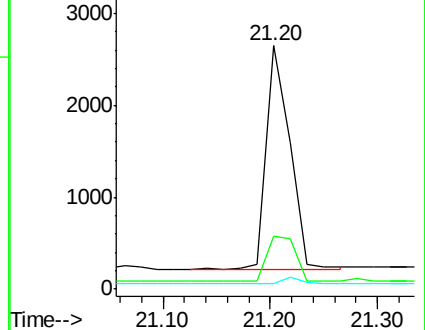
279 2.6 2.2 3.2

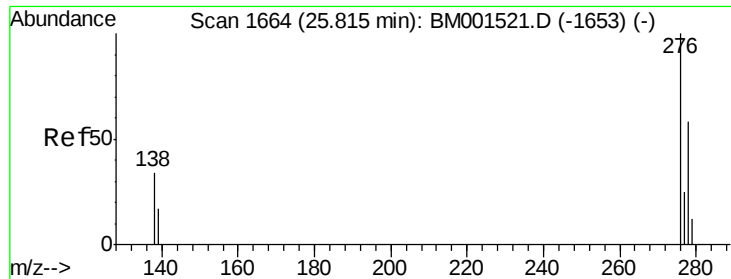


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.04 ng

RT: 25.80 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

Instrument :

BNA_M

ClientSampleId :

T-15000

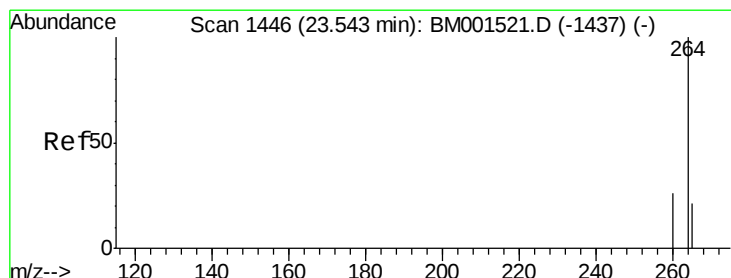
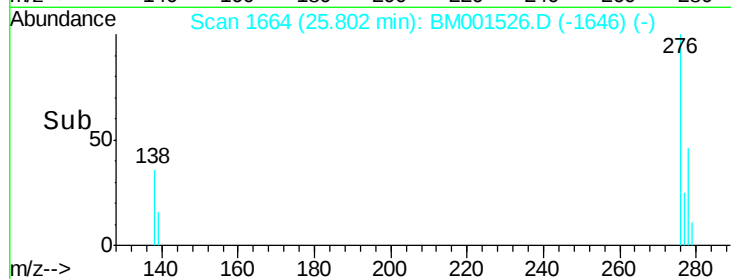
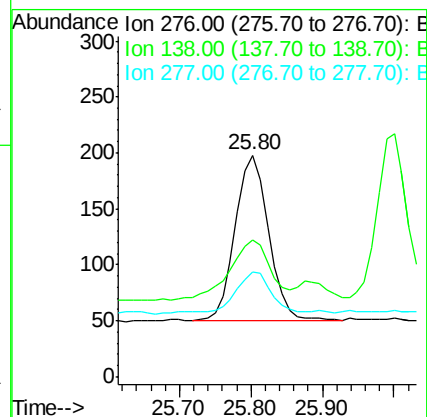
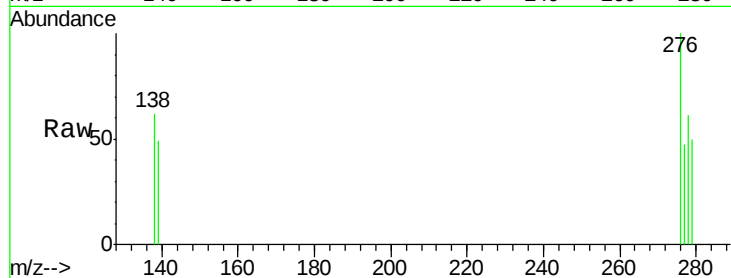
Tgt Ion:276 Resp: 480

Ion Ratio Lower Upper

276 100

138 45.6 23.4 35.0#

277 28.5 19.5 29.3



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.54 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BM001526.D

Acq: 02 Jun 2015 23:02

Tgt Ion:264 Resp: 43087

Ion Ratio Lower Upper

264 100

260 24.9 20.1 30.1

265 23.4 17.1 25.7

