

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061215\
 Data File : BM001662.D
 Acq On : 12 Jun 2015 05:27
 Operator : TP/IZ
 Sample : PB83950BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83950BS

Quant Time: Jun 12 07:34:19 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 12 03:22:19 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	21089	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	83880	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	43187	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	47459	5.00	ng	0.00
25) Chrysene-d12	21.27	240	80901	5.00	ng	0.00
32) Perylene-d12	23.50	264	64958	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	48717	9.76	ng	0.00
5) Phenol-d6	6.84	99	68457	10.91	ng	0.00
7) Nitrobenzene-d5	8.85	82	44203	6.88	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	25478	16.20	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	97174	6.44	ng	0.00
27) Terphenyl-d14	19.72	244	82334	6.75	ng	0.00

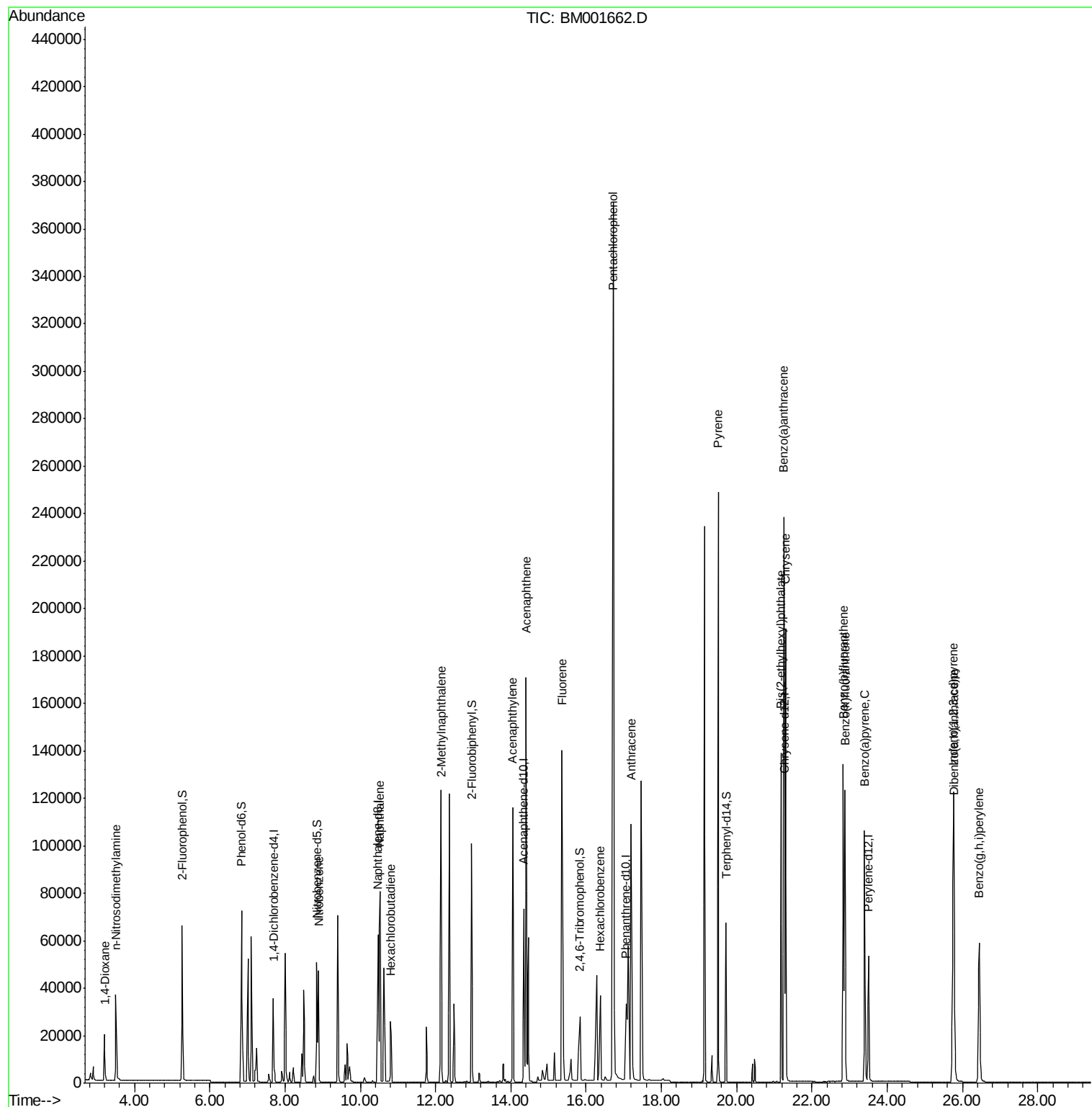
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	13834	6.42	ng	96
3) n-Nitrosodimethylamine	3.51	42	26088	7.09	ng	# 99
8) Nitrobenzene	8.89	77	51916	7.47	ng	98
9) Naphthalene	10.52	128	131950	6.49	ng	99
10) Hexachlorobutadiene	10.80	225	22055	6.53	ng	99
11) 2-Methylnaphthalene	12.15	142	90682	6.92	ng	97
15) Acenaphthylene	14.05	152	153206	7.59	ng	100
16) Acenaphthene	14.40	154	87463	6.81	ng	99
17) Fluorene	15.36	166	100115	5.10	ng	99
19) 4-Bromophenyl-phenylether	16.27	248	37030	Below Cal	#	87
20) Hexachlorobenzene	16.38	284	38814	8.99	ng	93
21) Pentachlorophenol	16.72	266	173361	98.72	ng	96
23) Anthracene	17.19	178	282417	15.35	ng	# 48
24) Fluoranthene	19.14	202	205566	Below Cal		100
26) Pyrene	19.50	202	222423	8.01	ng	99
28) Benzo(a)anthracene	21.25	228	197802	7.78	ng	100
29) Chrysene	21.30	228	173234	7.12	ng	99
30) Bis(2-ethylhexyl)phthalate	21.18	149	151659	8.22	ng	99
31) Indeno(1,2,3-cd)pyrene	25.75	276	141193	7.39	ng	99
33) Benzo(b)fluoranthene	22.82	252	164808	7.78	ng	98
34) Benzo(k)fluoranthene	22.88	252	162745	7.91	ng	95
35) Benzo(a)pyrene	23.40	252	148047	8.39	ng	97
36) Dibenzo(a,h)anthracene	25.77	278	112455	7.58	ng	97
37) Benzo(g,h,i)perylene	26.44	276	115912	7.67	ng	99

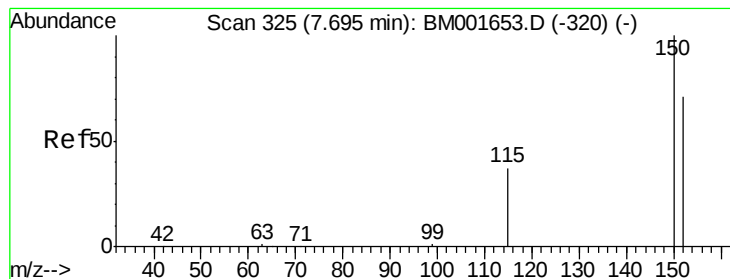
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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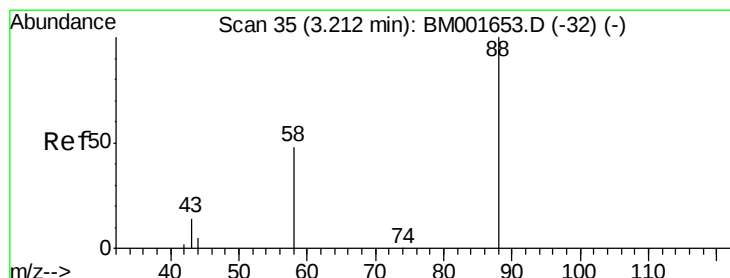
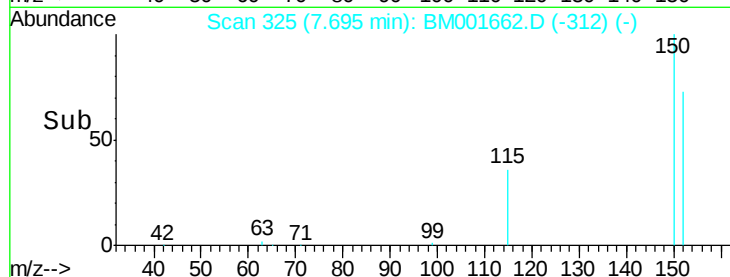
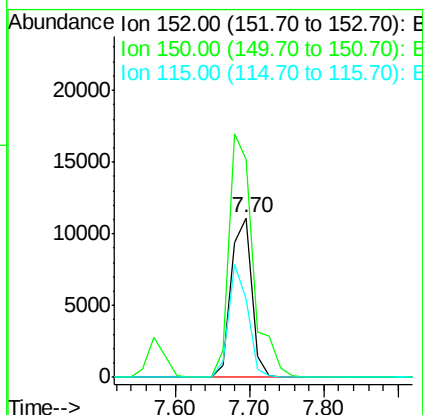
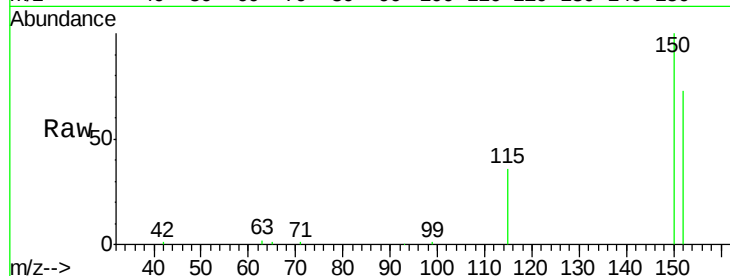


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001662.D
Acq: 12 Jun 2015 05:27

Instrument :
BNA_M
ClientSampleId :
PB83950BS

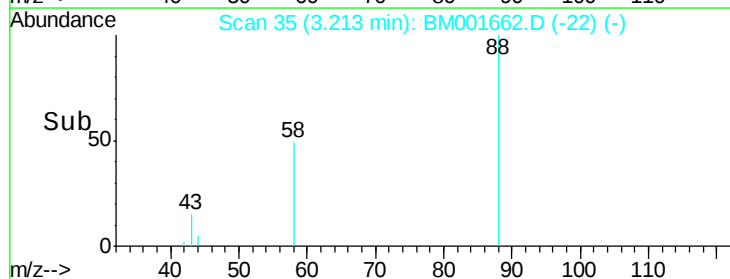
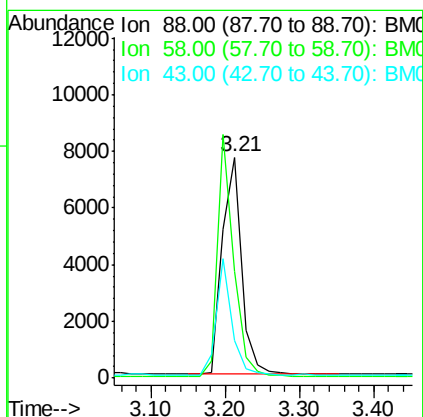
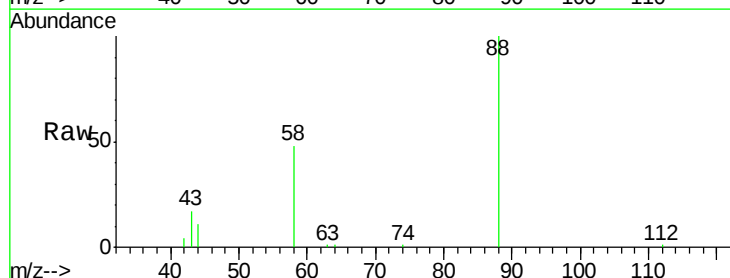
Tgt Ion:152 Resp: 21089
Ion Ratio Lower Upper
152 100
150 136.8 112.2 168.2
115 49.3 41.7 62.5

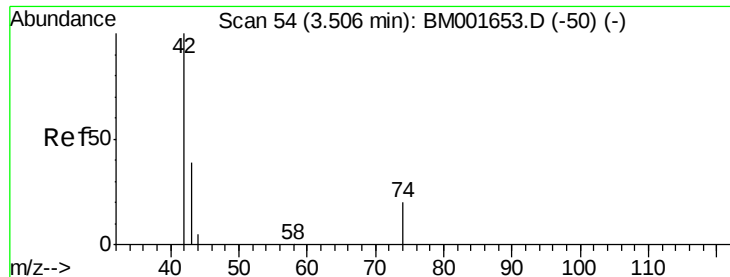


#2

1,4-Dioxane
Concen: 6.42 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001662.D
Acq: 12 Jun 2015 05:27

Tgt Ion: 88 Resp: 13834
Ion Ratio Lower Upper
88 100
58 92.4 70.5 105.7
43 42.8 33.3 49.9





#3

n-Nitrosodimethylamine

Concen: 7.09 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

BNA_M

ClientSampleId :

PB83950BS

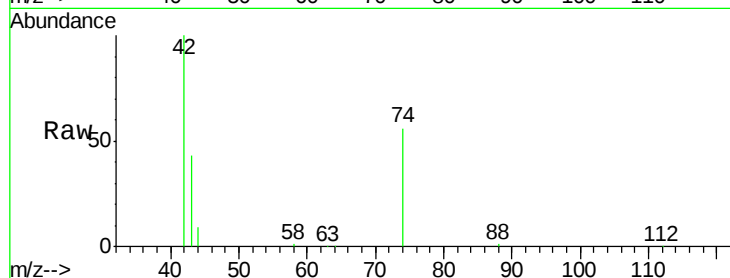
Tgt Ion: 42 Resp: 26088

Ion Ratio Lower Upper

42 100

74 94.7 75.7 113.5

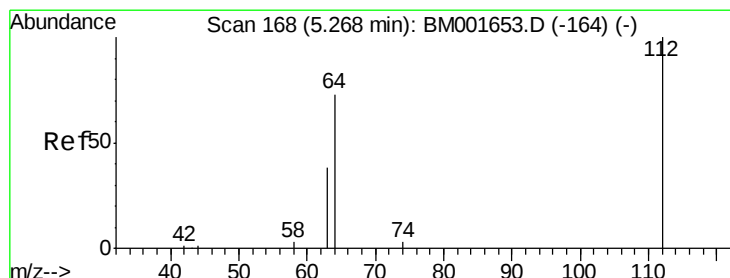
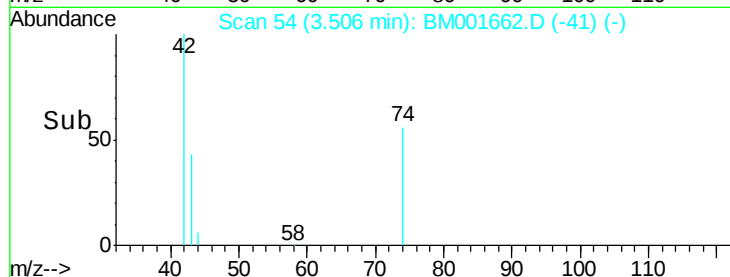
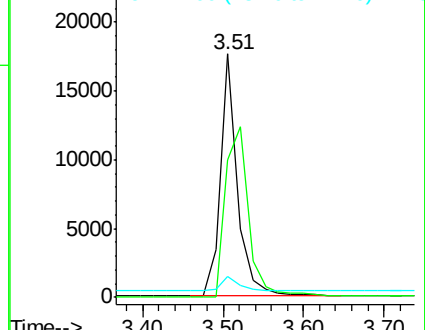
44 6.2 6.7 10.1#



Abundance Ion 42.00 (41.70 to 42.70): BM001653.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM001653.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM001653.D (-50) (-)



#4

2-Fluorophenol

Concen: 9.76 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

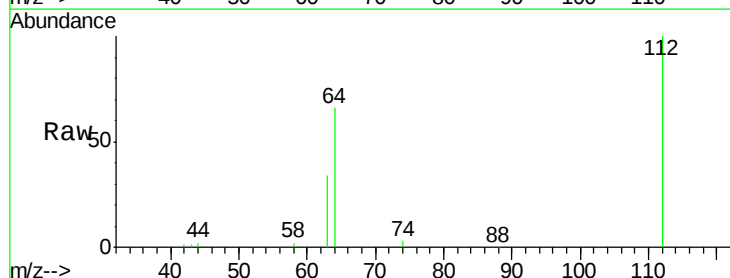
Tgt Ion: 112 Resp: 48717

Ion Ratio Lower Upper

112 100

64 69.3 55.5 83.3

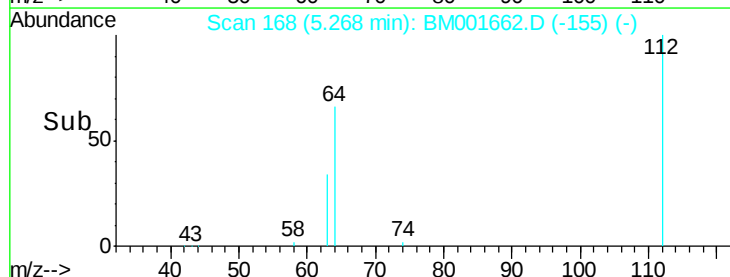
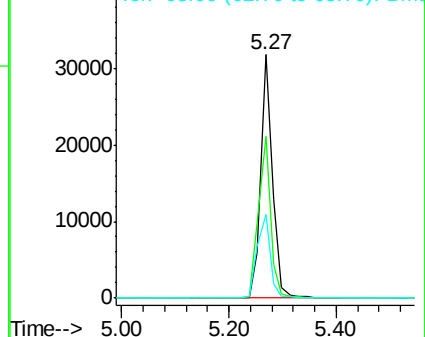
63 38.3 29.9 44.9

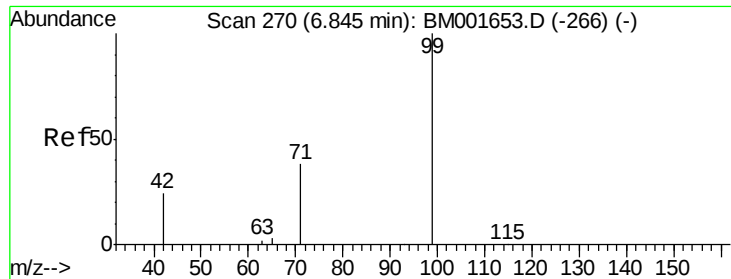


Abundance Ion 112.00 (111.70 to 112.70): BM001653.D (-164) (-)

Ion 64.00 (63.70 to 64.70): BM001653.D (-164) (-)

Ion 63.00 (62.70 to 63.70): BM001653.D (-164) (-)





#5

Phenol-d6

Concen: 10.91 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

BNA_M

ClientSampleId :

PB83950BS

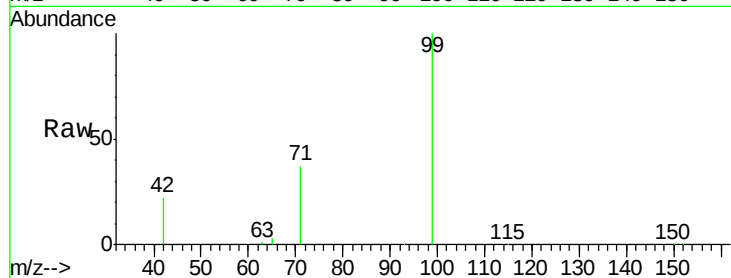
Tgt Ion: 99 Resp: 68457

Ion Ratio Lower Upper

99 100

42 27.6 21.6 32.4

71 36.7 28.7 43.1



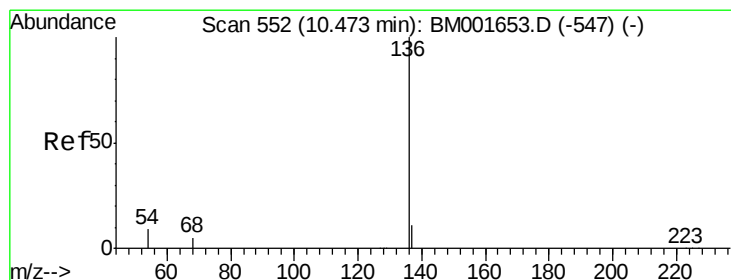
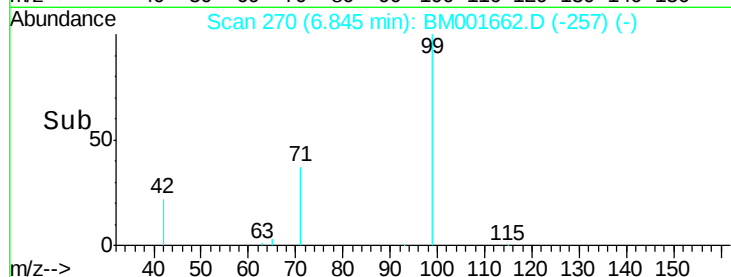
Abundance Ion 99.00 (98.70 to 99.70): BM001662.D (-257) (-)

Ion 42.00 (41.70 to 42.70): BM001662.D (-257) (-)

Ion 71.00 (70.70 to 71.70): BM001662.D (-257) (-)

6.84

Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Tgt Ion: 136 Resp: 83880

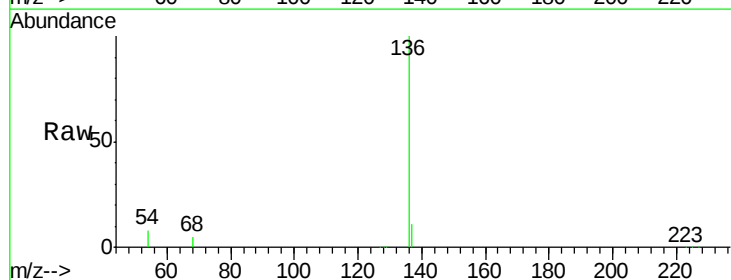
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.8 6.9 10.3

68 5.0 4.4 6.6



Abundance Ion 136.00 (135.70 to 136.70): BM001662.D (-540) (-)

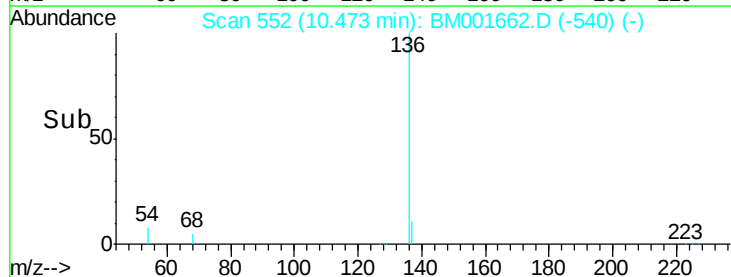
Ion 137.00 (136.70 to 137.70): BM001662.D (-540) (-)

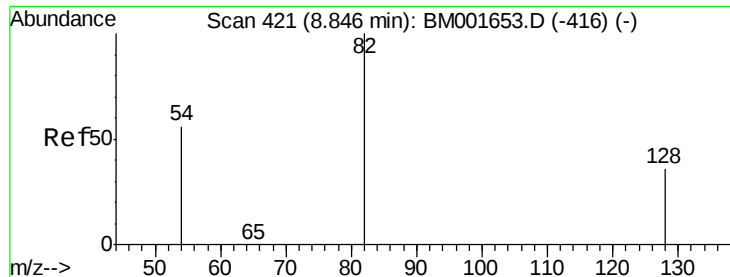
Ion 54.00 (53.70 to 54.70): BM001662.D (-540) (-)

Ion 68.00 (67.70 to 68.70): BM001662.D (-540) (-)

10.47

Time-->





#7

Nitrobenzene-d5

Concen: 6.88 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

BNA_M

ClientSampleId :

PB83950BS

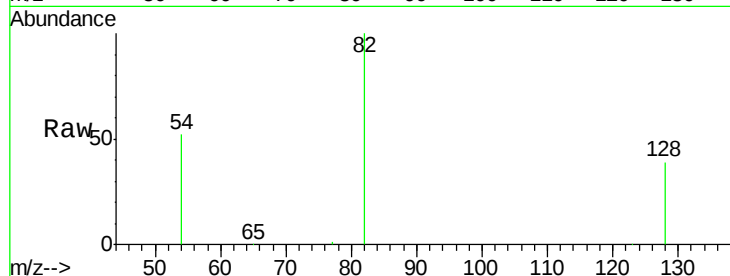
Tgt Ion: 82 Resp: 44203

Ion Ratio Lower Upper

82 100

128 38.9 29.7 44.5

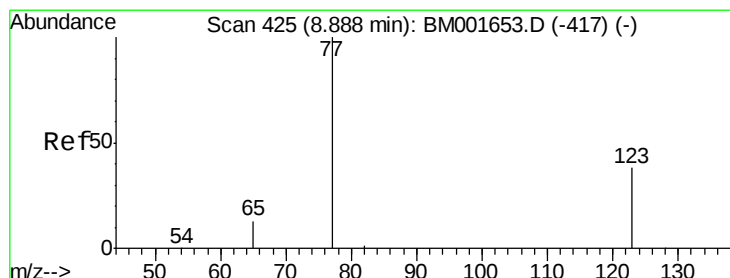
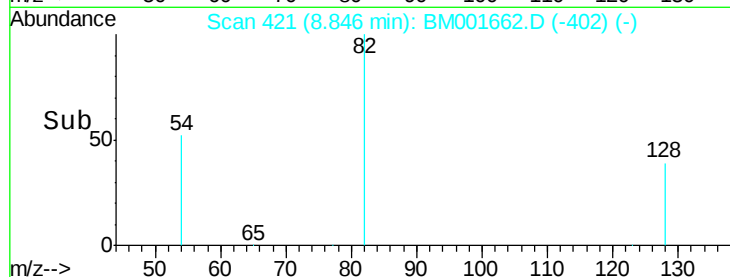
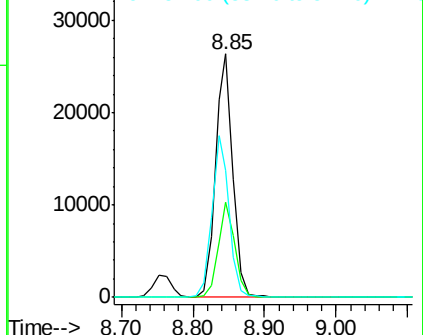
54 52.4 45.1 67.7



Abundance Ion 82.00 (81.70 to 82.70): BM001653.D (-416) (-)

Ion 128.00 (127.70 to 128.70): BM001653.D (-416) (-)

Ion 54.00 (53.70 to 54.70): BM001653.D (-416) (-)



#8

Nitrobenzene

Concen: 7.47 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

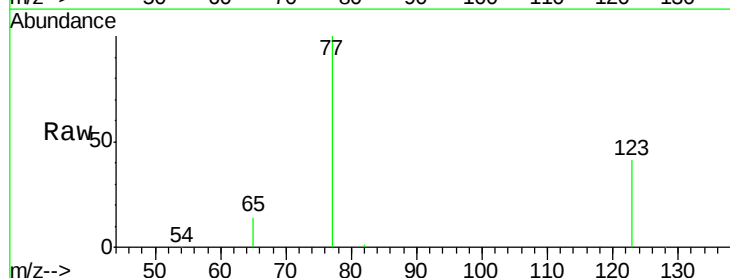
Tgt Ion: 77 Resp: 51916

Ion Ratio Lower Upper

77 100

123 39.0 30.3 45.5

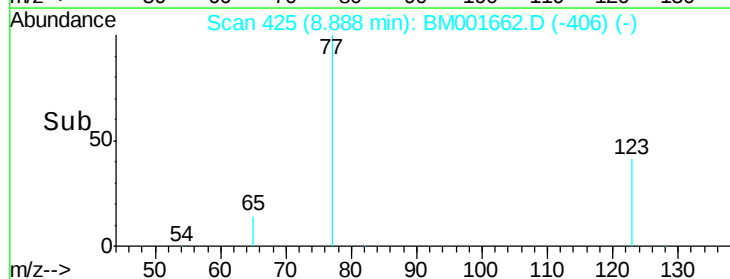
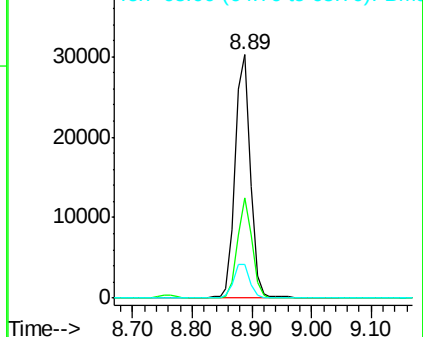
65 14.6 11.2 16.8

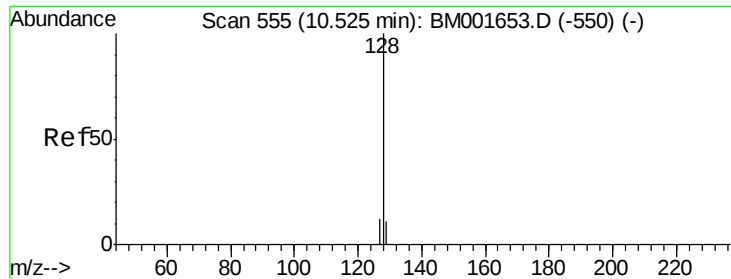


Abundance Ion 77.00 (76.70 to 77.70): BM001653.D (-417) (-)

Ion 123.00 (122.70 to 123.70): BM001653.D (-417) (-)

Ion 65.00 (64.70 to 65.70): BM001653.D (-417) (-)





#9

Naphthalene

Concen: 6.49 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

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ClientSampleId :

PB83950BS

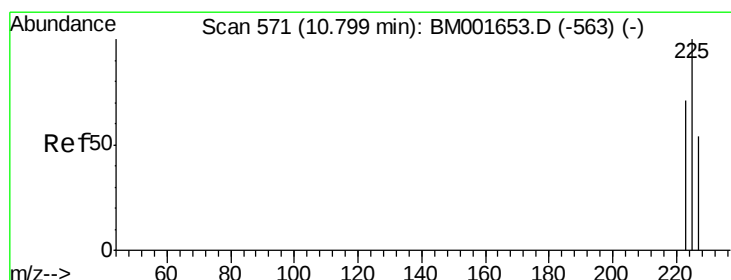
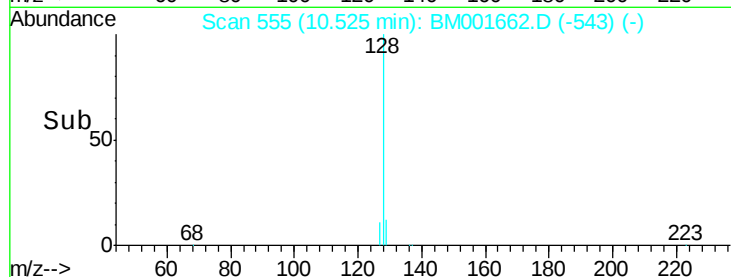
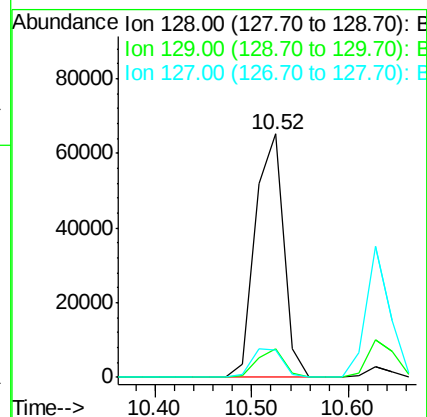
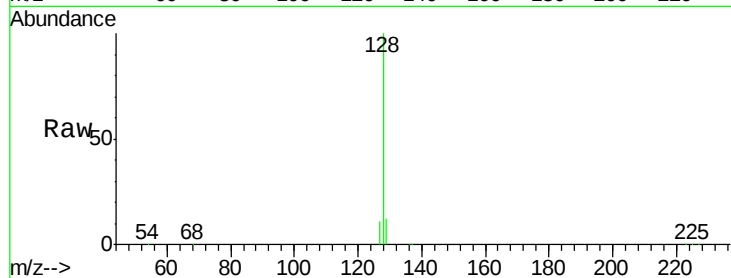
Tgt Ion:128 Resp: 131950

Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

127 11.4 9.7 14.5



#10

Hexachlorobutadiene

Concen: 6.53 ng

RT: 10.80 min Scan# 571

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

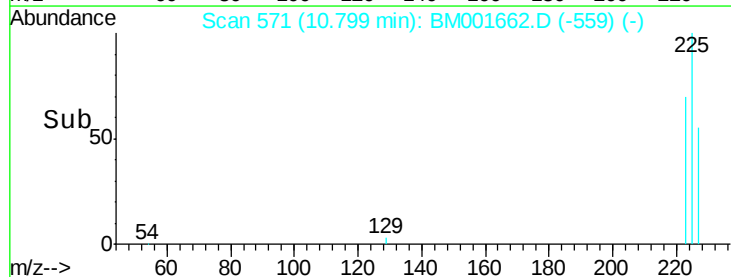
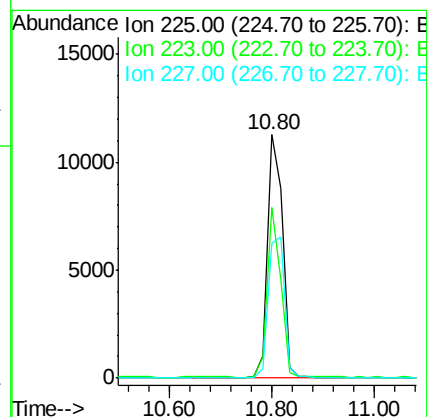
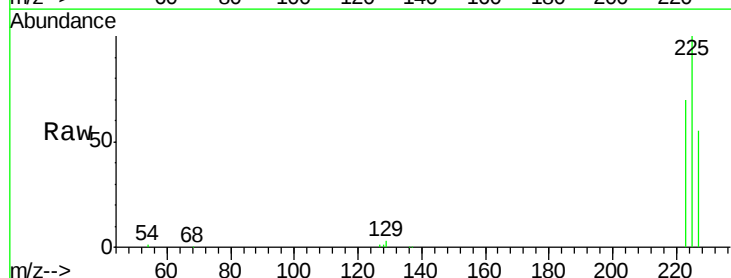
Tgt Ion:225 Resp: 22055

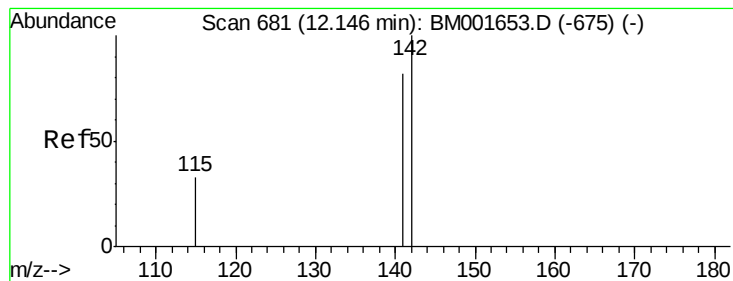
Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.4

227 63.5 51.2 76.8

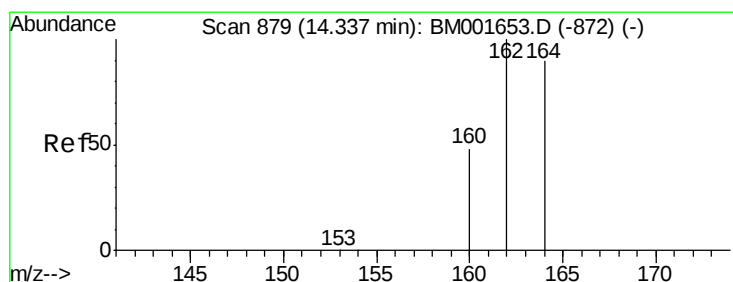
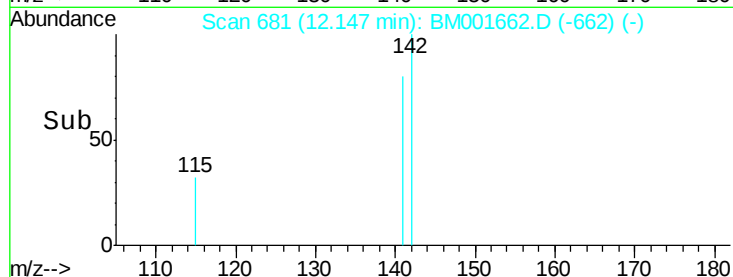
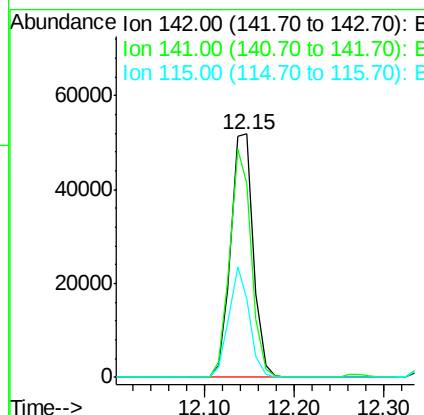
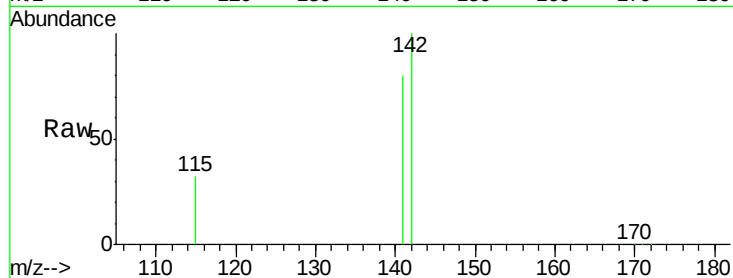




#11
2-Methylnaphthalene
Concen: 6.92 ng
RT: 12.15 min Scan# 681
Delta R.T. 0.00 min
Lab File: BM001662.D
Acq: 12 Jun 2015 05:27

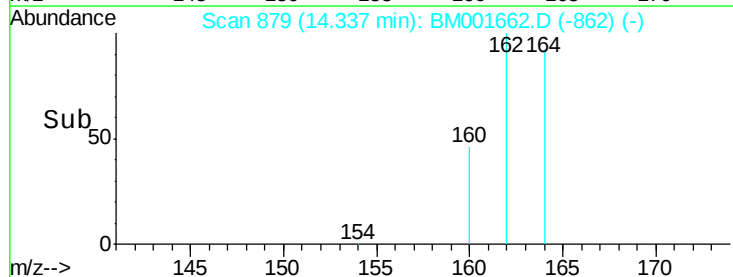
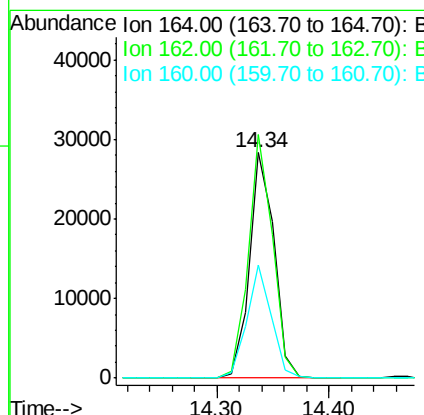
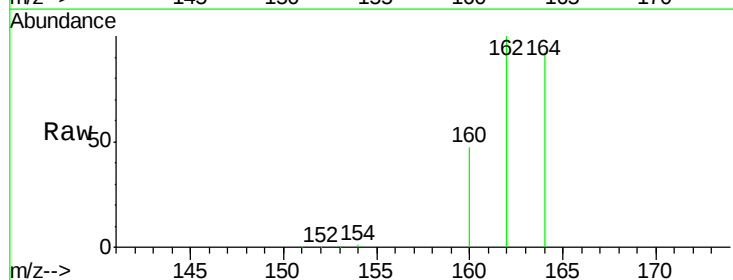
Instrument :
BNA_M
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PB83950BS

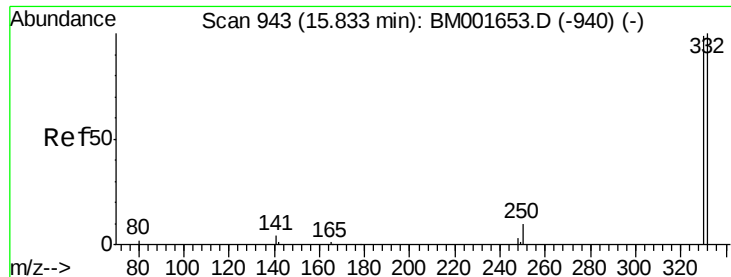
Tgt Ion:142 Resp: 90682
Ion Ratio Lower Upper
142 100
141 79.8 65.8 98.6
115 32.4 27.0 40.6



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.34 min Scan# 879
Delta R.T. 0.00 min
Lab File: BM001662.D
Acq: 12 Jun 2015 05:27

Tgt Ion:164 Resp: 43187
Ion Ratio Lower Upper
164 100
162 108.1 89.0 133.4
160 50.3 42.6 63.8

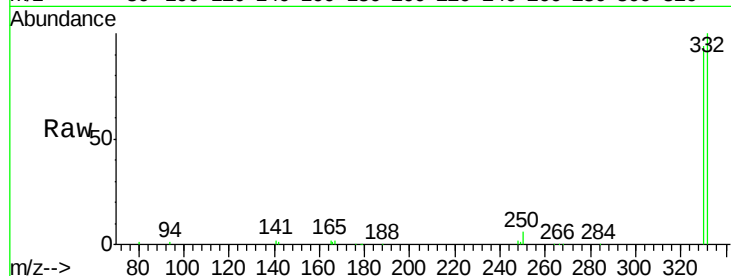




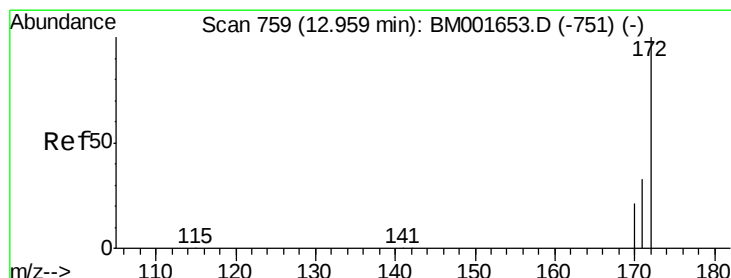
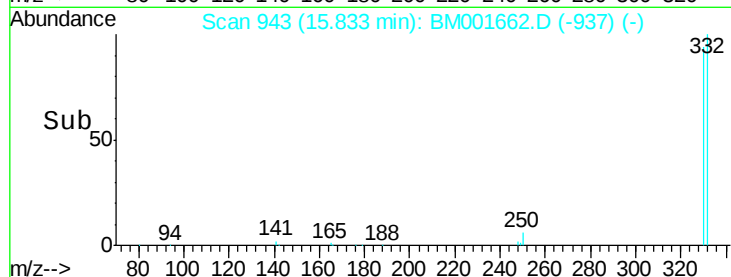
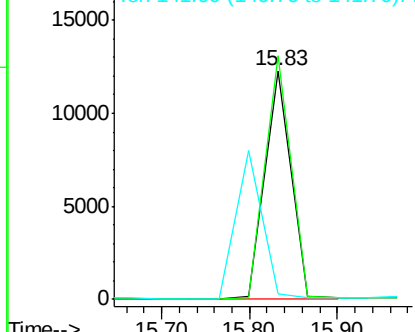
#13
 2,4,6-Tribromophenol
 Concen: 16.20 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001662.D
 Acq: 12 Jun 2015 05:27

Instrument :
 BNA_M
 ClientSampleId :
 PB83950BS

Tgt Ion:330 Resp: 25478
 Ion Ratio Lower Upper
 330 100
 332 106.2 80.6 120.8
 141 0.0 0.0 0.0

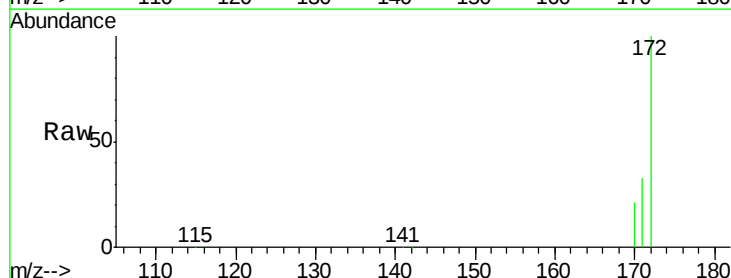


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

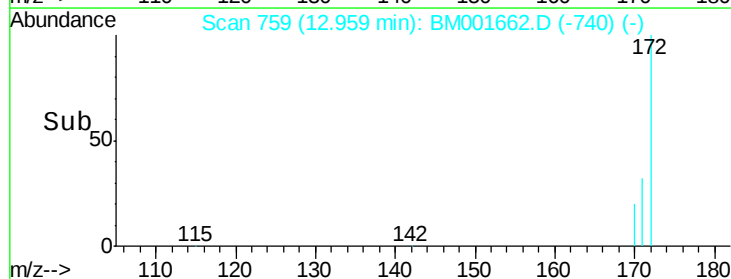
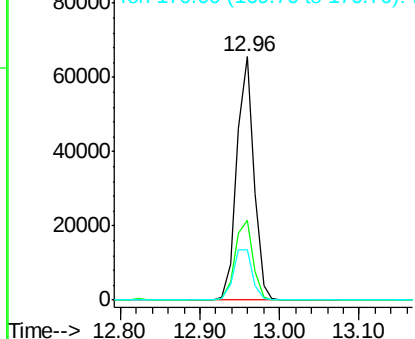


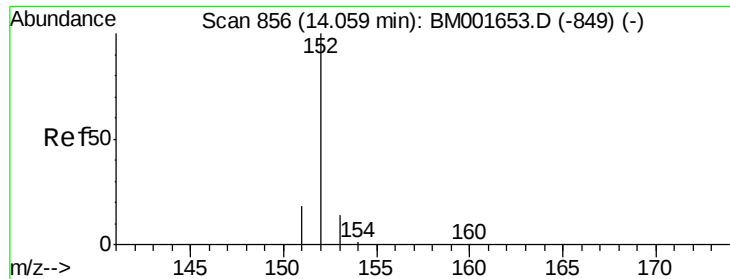
#14
 2-Fluorobiphenyl
 Concen: 6.44 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001662.D
 Acq: 12 Jun 2015 05:27

Tgt Ion:172 Resp: 97174
 Ion Ratio Lower Upper
 172 100
 171 32.6 26.6 40.0
 170 20.6 17.1 25.7



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: 7.59 ng

RT: 14.05 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

BNA_M

ClientSampleId :

PB83950BS

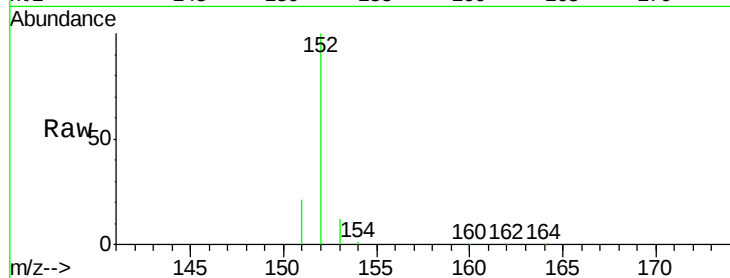
Tgt Ion:152 Resp: 153206

Ion Ratio Lower Upper

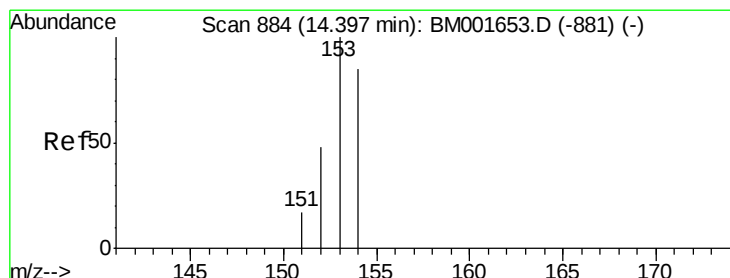
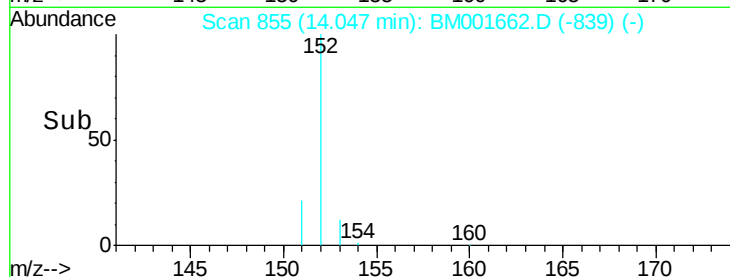
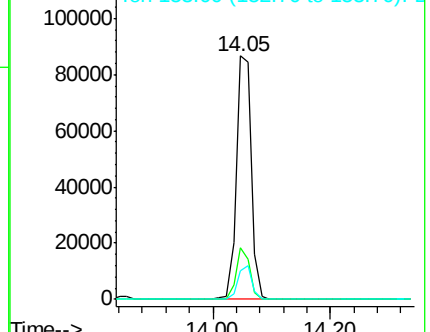
152 100

151 19.2 15.5 23.3

153 12.9 10.2 15.4



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: 6.81 ng

RT: 14.40 min Scan# 884

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

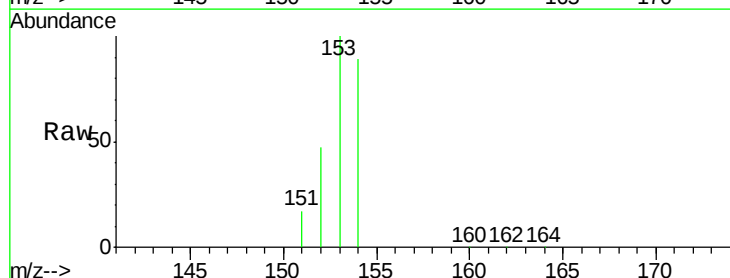
Tgt Ion:154 Resp: 87463

Ion Ratio Lower Upper

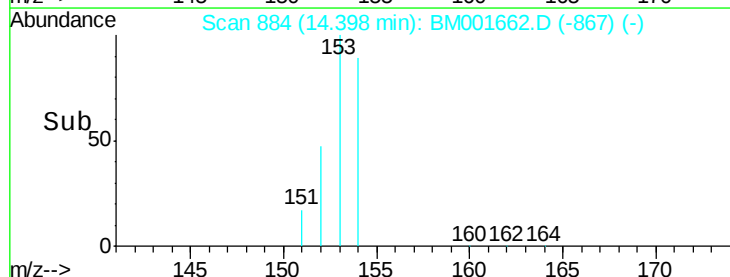
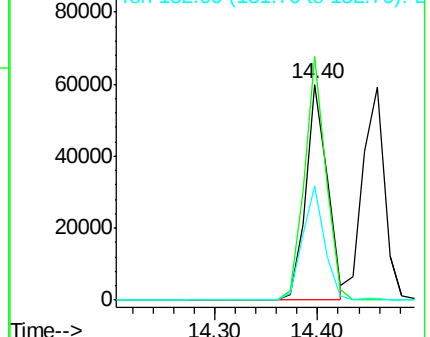
154 100

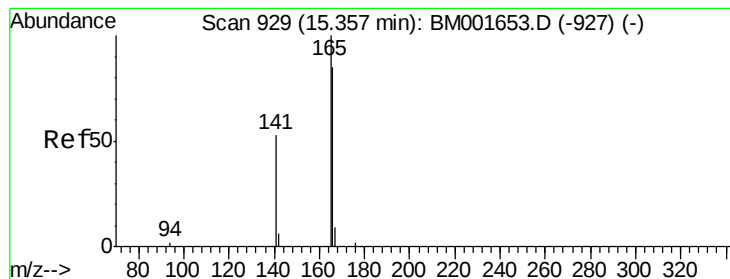
153 112.2 91.0 136.6

152 54.2 43.8 65.8



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





#17

Fluorene

Concen: 5.10 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

BNA_M

ClientSampleId :

PB83950BS

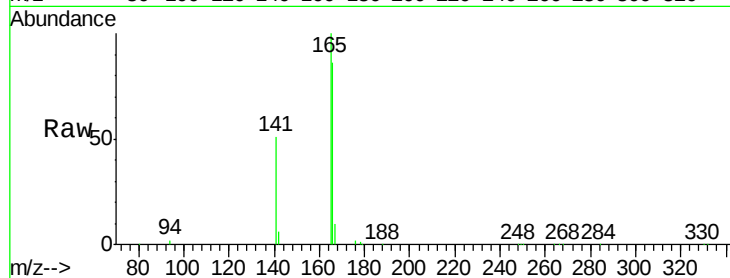
Tgt Ion:166 Resp: 100115

Ion Ratio Lower Upper

166 100

165 114.0 90.7 136.1

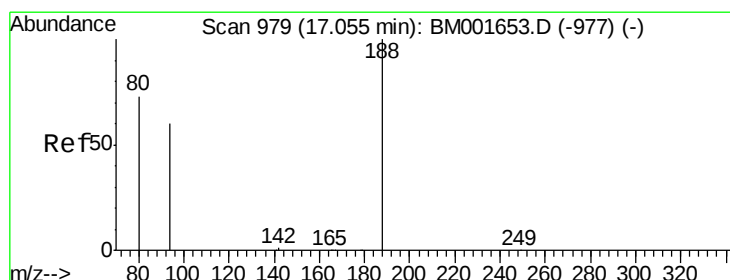
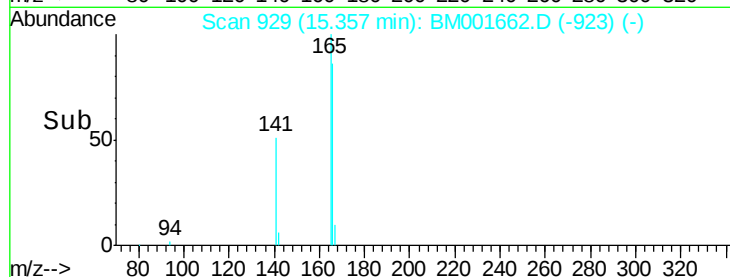
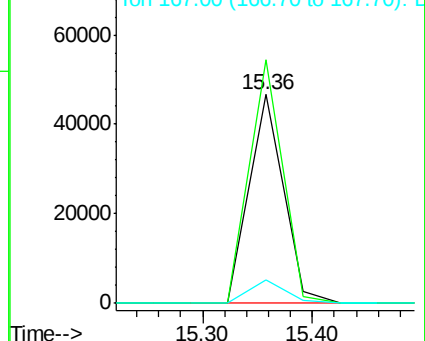
167 11.7 9.4 14.0



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: 17.06 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

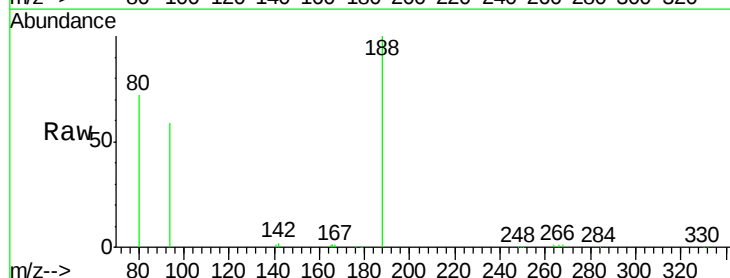
Tgt Ion:188 Resp: 47459

Ion Ratio Lower Upper

188 100

94 59.1 48.3 72.5

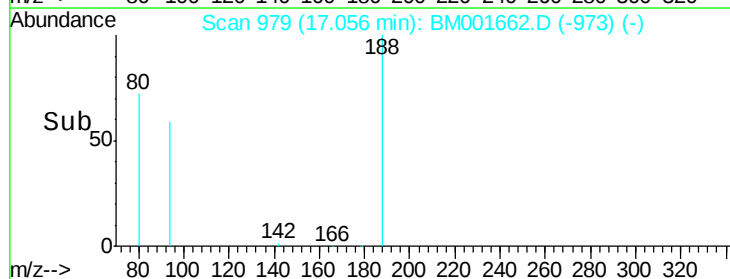
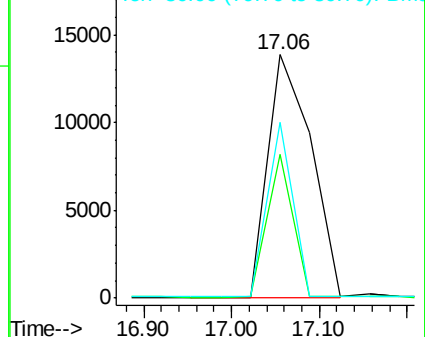
80 72.1 58.6 88.0

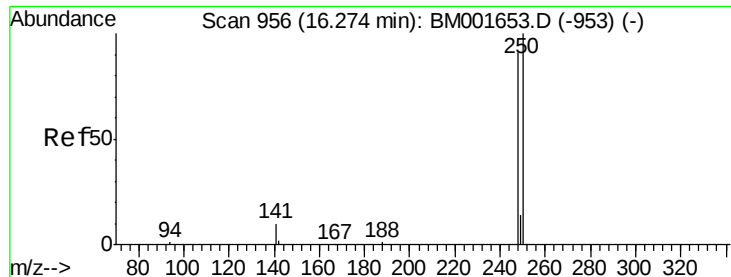


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

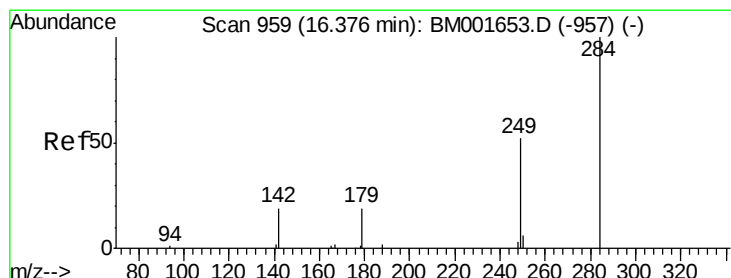
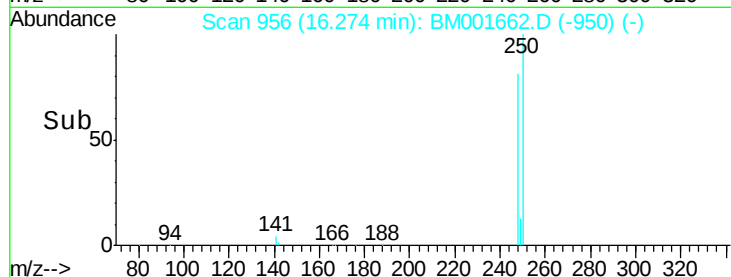
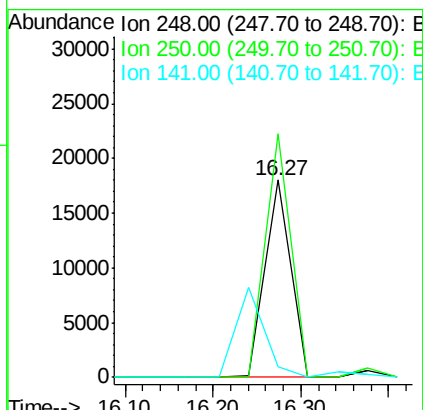
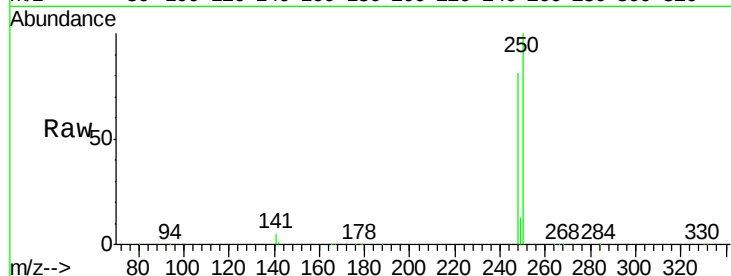




#19
4-Bromophenyl-phenylether
Concen: Below Cal
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001662.D
Acq: 12 Jun 2015 05:27

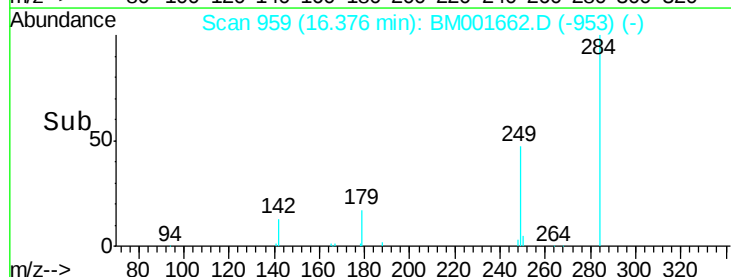
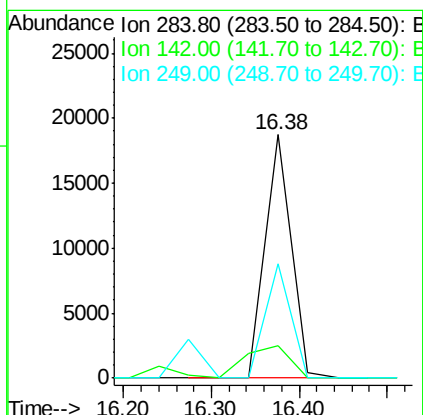
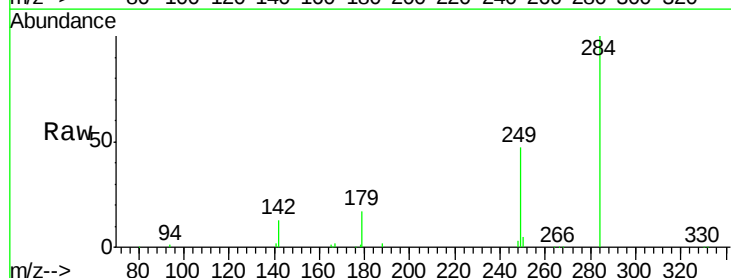
Instrument :
BNA_M
ClientSampleId :
PB83950BS

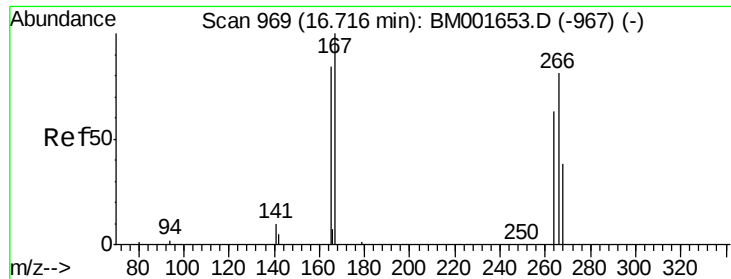
Tgt Ion:248 Resp: 37030
Ion Ratio Lower Upper
248 100
250 122.6 87.5 131.3
141 0.0 0.0 0.0



#20
Hexachlorobenzene
Concen: 8.99 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001662.D
Acq: 12 Jun 2015 05:27

Tgt Ion:284 Resp: 38814
Ion Ratio Lower Upper
284 100
142 22.8 21.5 32.3
249 61.3 53.8 80.6

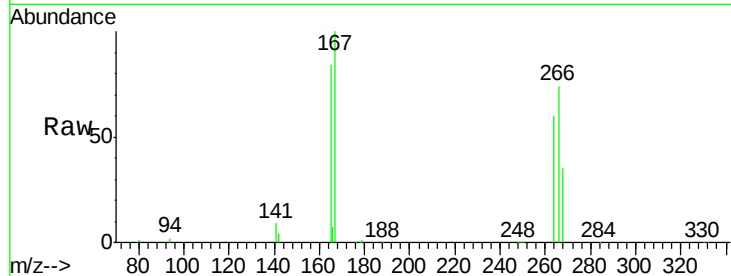




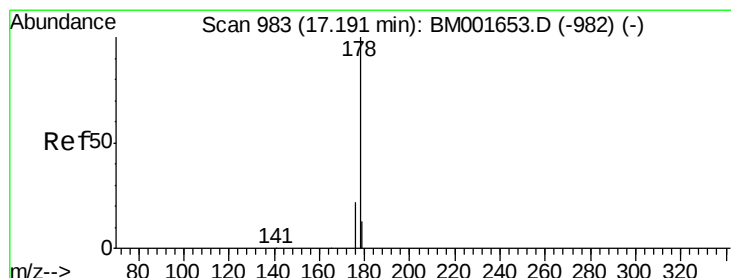
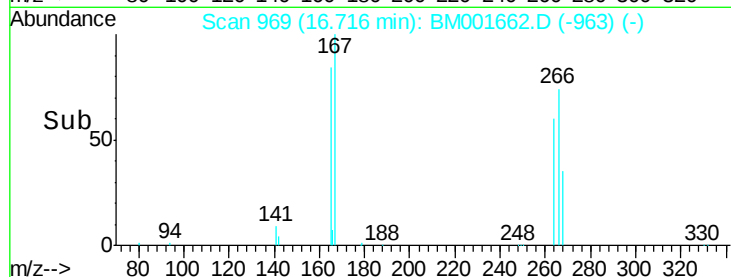
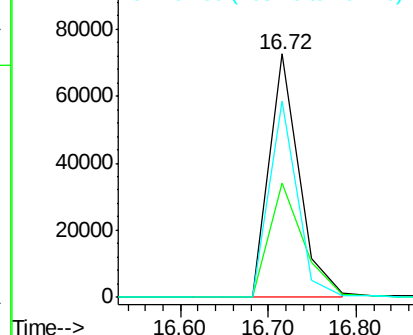
#21
 Pentachlorophenol
 Concen: 98.72 ng
 RT: 16.72 min Scan# 969
 Delta R.T. 0.00 min
 Lab File: BM001662.D
 Acq: 12 Jun 2015 05:27

Instrument :
 BNA_M
 ClientSampleId :
 PB83950BS

Tgt Ion: 266 Resp: 173361
 Ion Ratio Lower Upper
 266 100
 268 46.9 43.3 64.9
 264 80.8 64.5 96.7

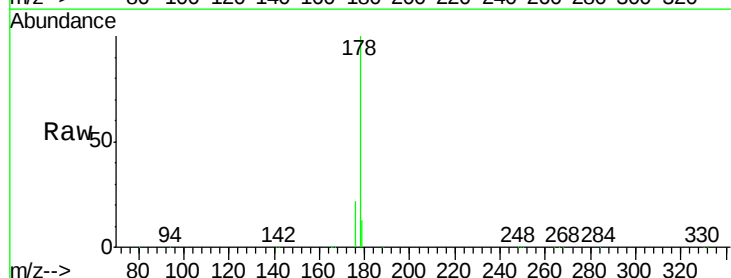


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

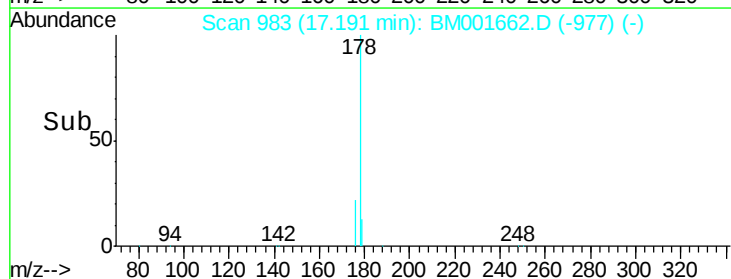
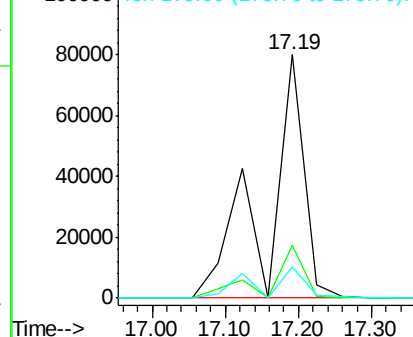


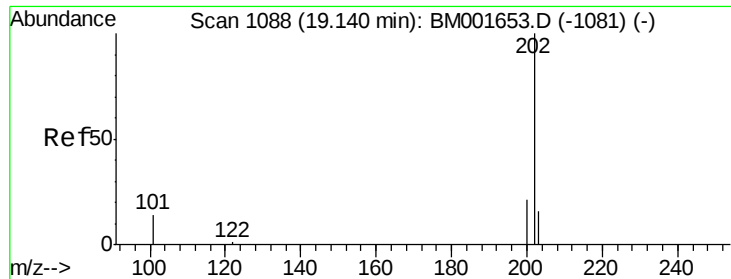
#23
 Anthracene
 Concen: 15.35 ng
 RT: 17.19 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BM001662.D
 Acq: 12 Jun 2015 05:27

Tgt Ion: 178 Resp: 282417
 Ion Ratio Lower Upper
 178 100
 176 19.7 0.0 0.0#
 179 0.0 21.4 32.0#



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#24

Fluoranthene

Concen: Below Cal

RT: 19.14 min Scan# 1088

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

BNA_M

ClientSampleId :

PB83950BS

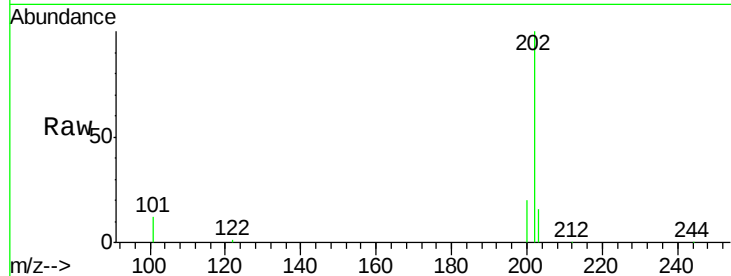
Tgt Ion:202 Resp: 205566

Ion Ratio Lower Upper

202 100

101 13.3 10.8 16.2

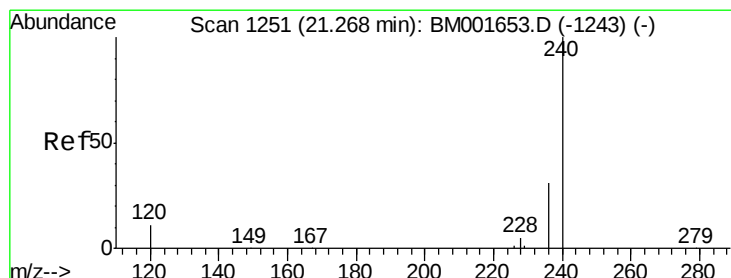
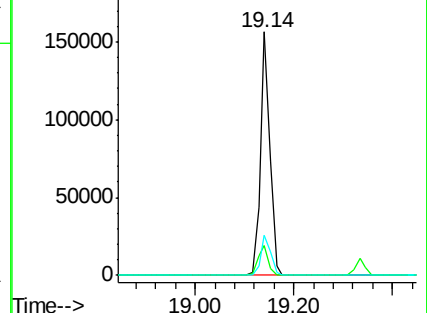
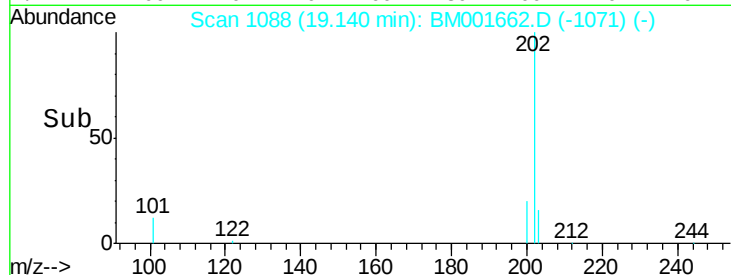
203 17.3 13.8 20.8



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: 21.27 min Scan# 1251

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

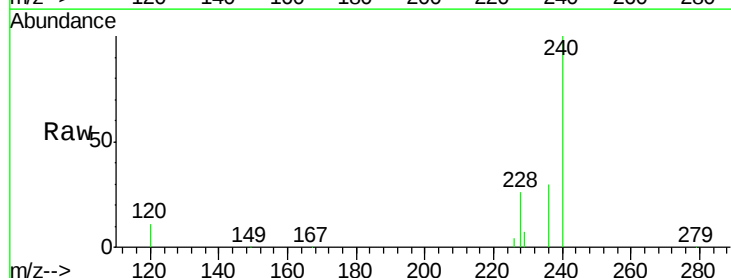
Tgt Ion:240 Resp: 80901

Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

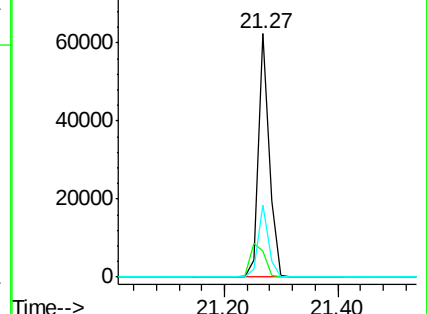
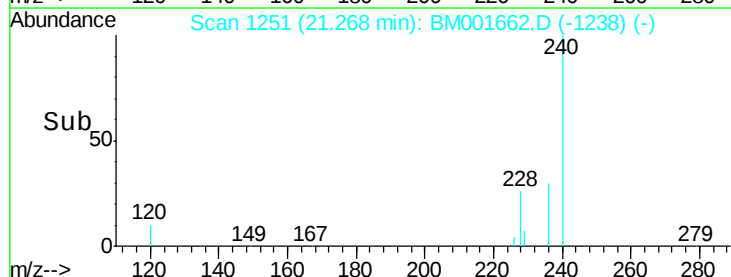
236 29.8 24.6 36.8

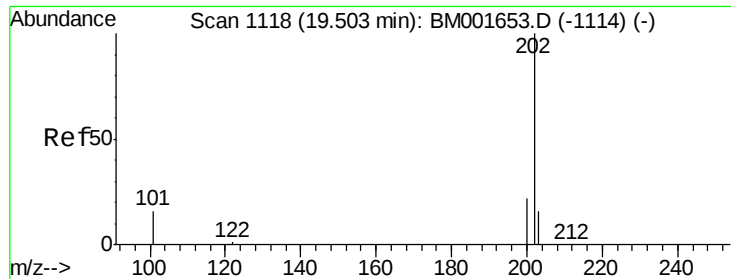


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#26

Pyrene

Concen: 8.01 ng

RT: 19.50 min Scan# 1118

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

BNA_M

ClientSampleId :

PB83950BS

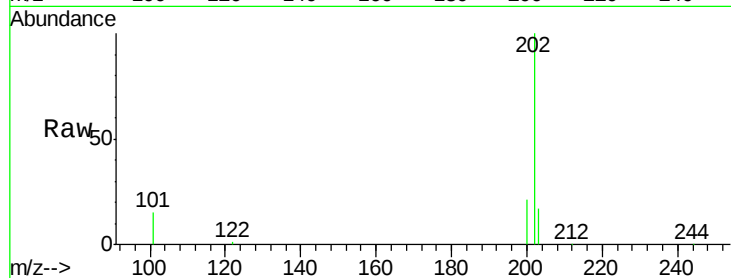
Tgt Ion:202 Resp: 222423

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

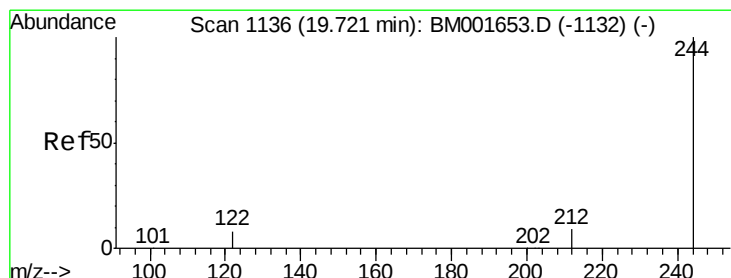
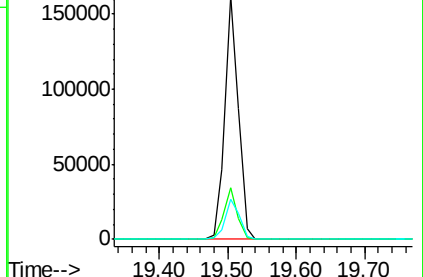
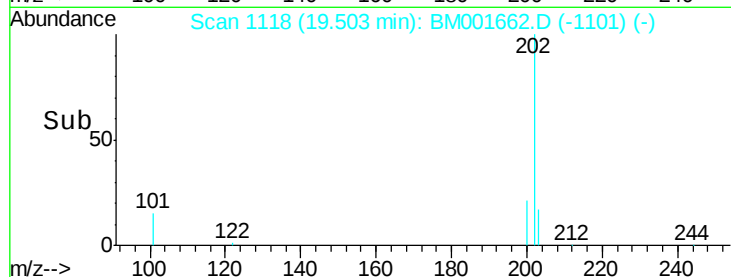
203 17.8 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#27

Terphenyl-d14

Concen: 6.75 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

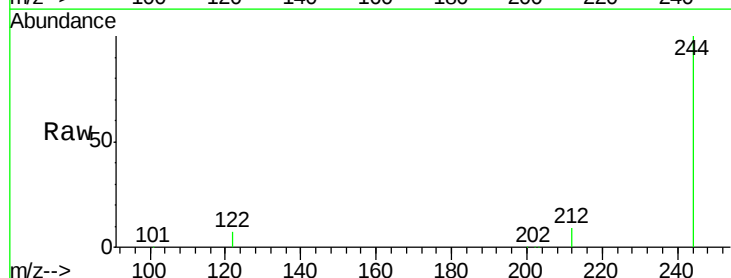
Tgt Ion:244 Resp: 82334

Ion Ratio Lower Upper

244 100

212 9.1 7.7 11.5

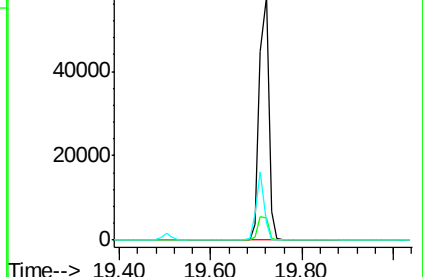
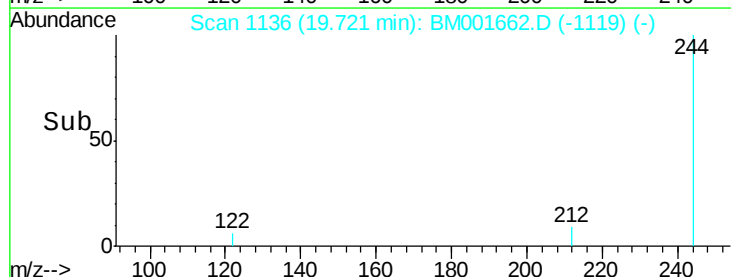
122 7.0 6.9 10.3

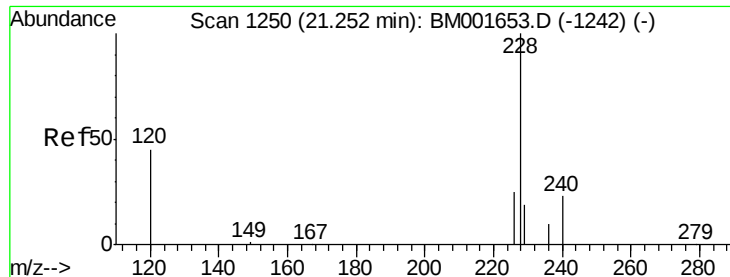


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#28

Benzo(a)anthracene

Concen: 7.78 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

BNA_M

ClientSampleId :

PB83950BS

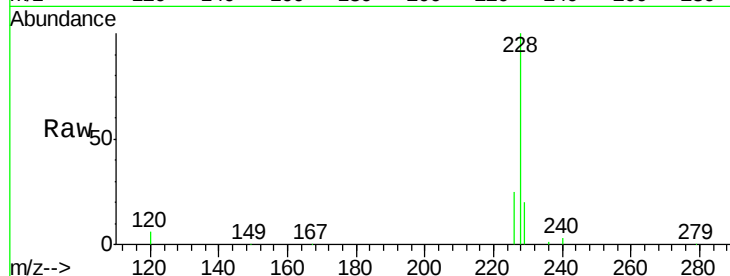
Tgt Ion:228 Resp: 197802

Ion Ratio Lower Upper

228 100

226 25.2 20.2 30.4

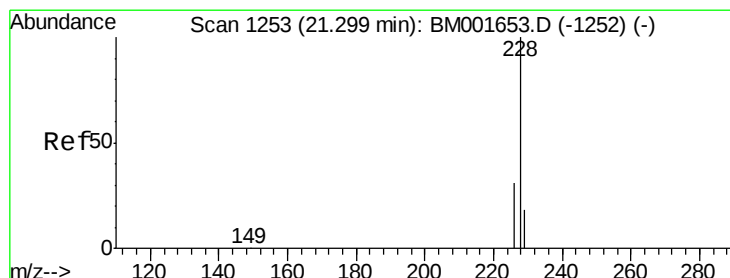
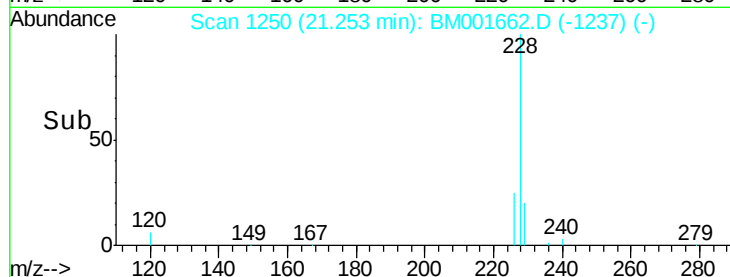
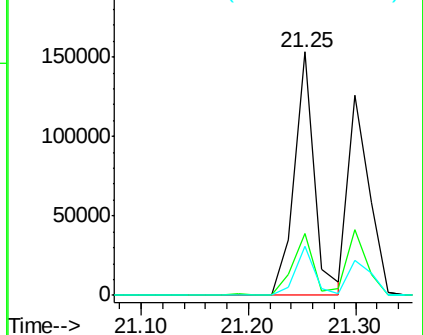
229 20.0 15.7 23.5



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: 7.12 ng

RT: 21.30 min Scan# 1253

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

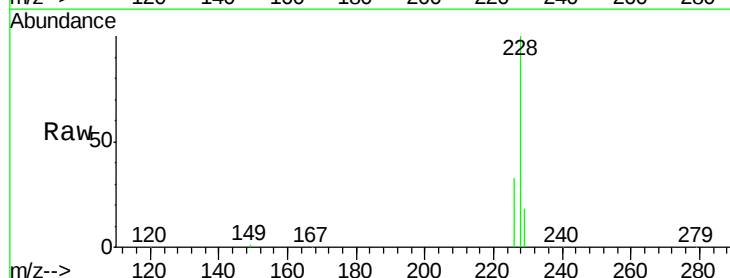
Tgt Ion:228 Resp: 173234

Ion Ratio Lower Upper

228 100

226 32.8 25.8 38.8

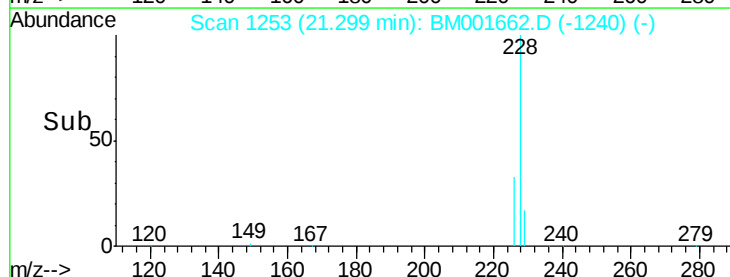
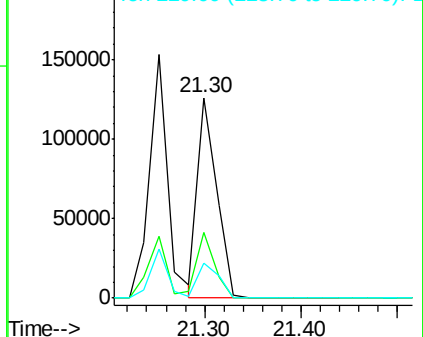
229 17.5 14.1 21.1

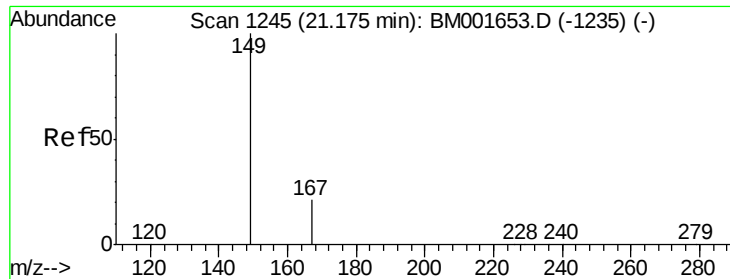


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

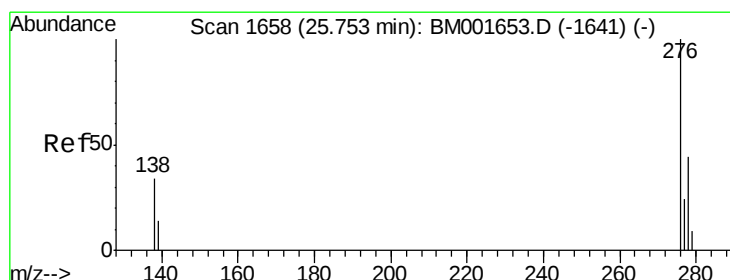
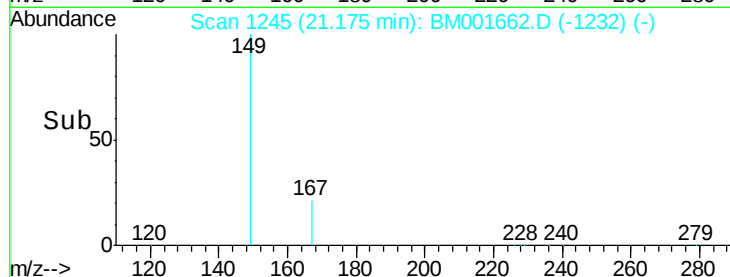
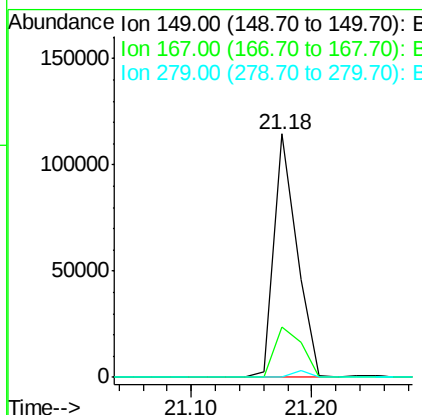
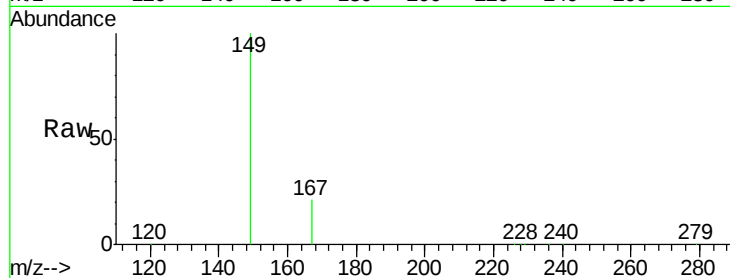




#30
 Bis(2-ethylhexyl)phthalate
 Concen: 8.22 ng
 RT: 21.18 min Scan# 1245
 Delta R.T. 0.00 min
 Lab File: BM001662.D
 Acq: 12 Jun 2015 05:27

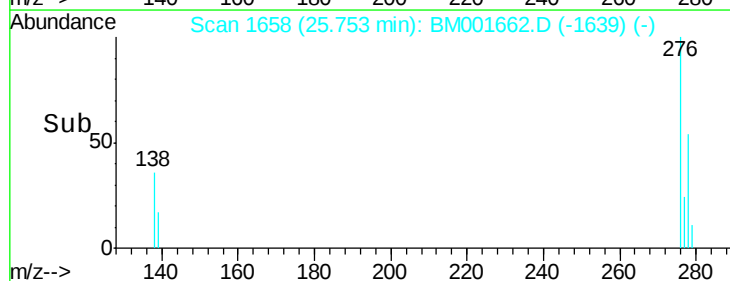
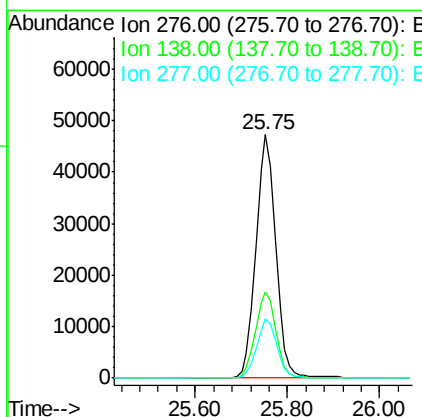
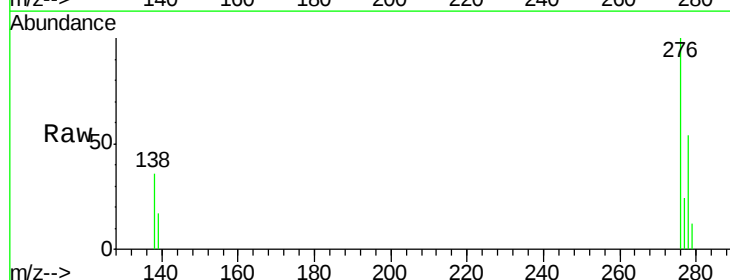
Instrument :
 BNA_M
 ClientSampleId :
 PB83950BS

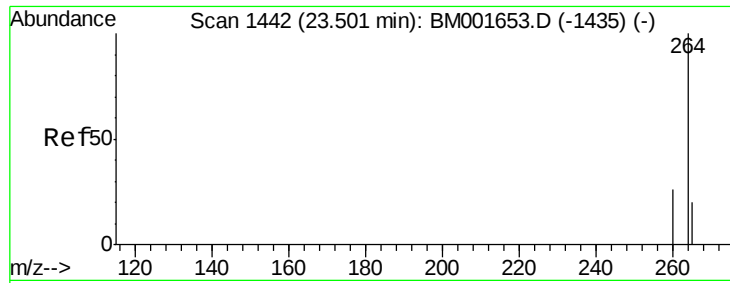
Tgt Ion:149 Resp: 151659
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.2 30.2
 279 2.2 1.7 2.5



#31
 Indeno(1,2,3-cd)pyrene
 Concen: 7.39 ng
 RT: 25.75 min Scan# 1658
 Delta R.T. 0.00 min
 Lab File: BM001662.D
 Acq: 12 Jun 2015 05:27

Tgt Ion:276 Resp: 141193
 Ion Ratio Lower Upper
 276 100
 138 36.6 28.8 43.2
 277 24.6 19.6 29.4

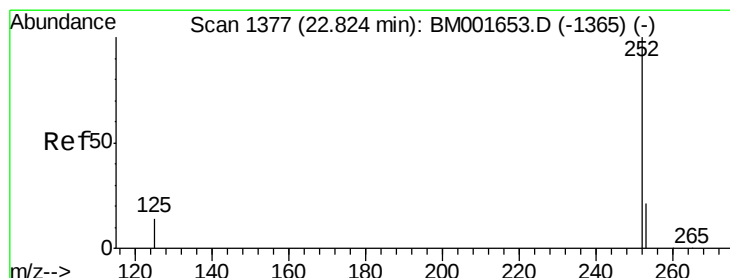
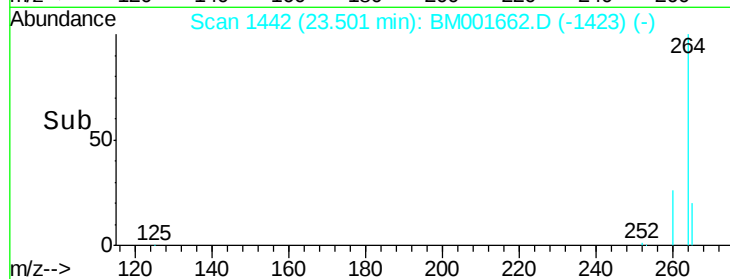
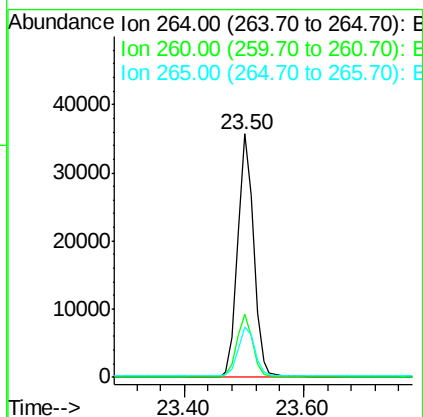
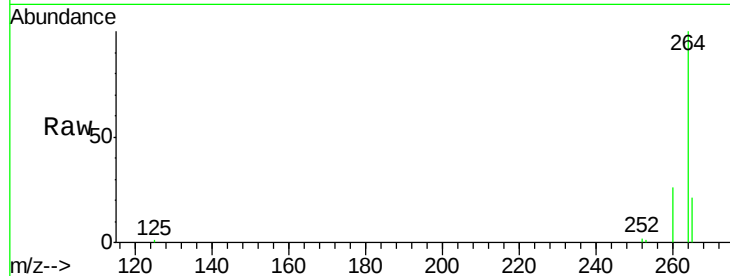




#32
Perylene-d12
Concen: 5.00 ng
RT: 23.50 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BM001662.D
Acq: 12 Jun 2015 05:27

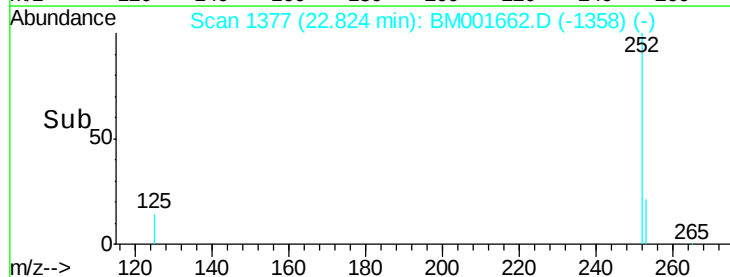
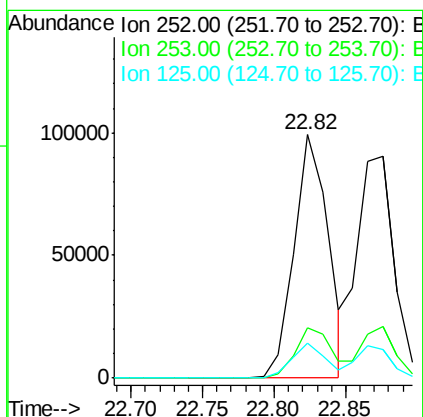
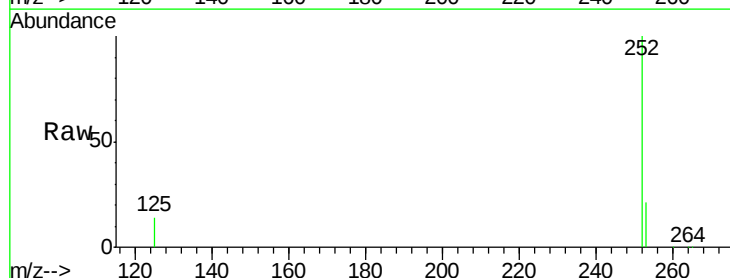
Instrument :
BNA_M
ClientSampleId :
PB83950BS

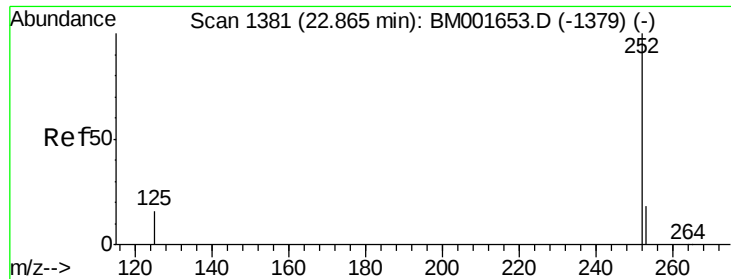
Tgt Ion:264 Resp: 64958
Ion Ratio Lower Upper
264 100
260 26.0 20.8 31.2
265 20.9 16.9 25.3



#33
Benzo(b)fluoranthene
Concen: 7.78 ng
RT: 22.82 min Scan# 1377
Delta R.T. 0.00 min
Lab File: BM001662.D
Acq: 12 Jun 2015 05:27

Tgt Ion:252 Resp: 164808
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.2
125 14.5 12.0 18.0





#34

Benzo(k)fluoranthene

Concen: 7.91 ng

RT: 22.88 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

BNA_M

ClientSampleId :

PB83950BS

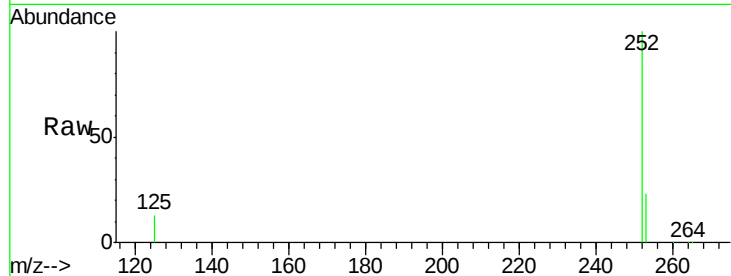
Tgt Ion:252 Resp: 162745

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

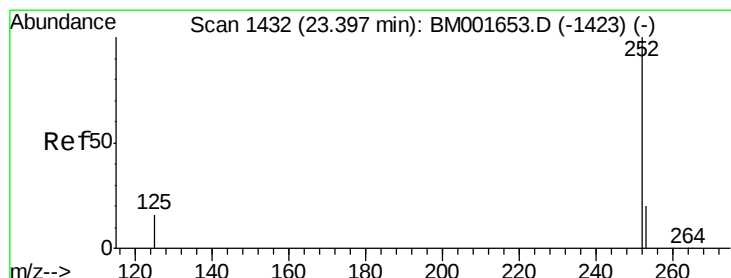
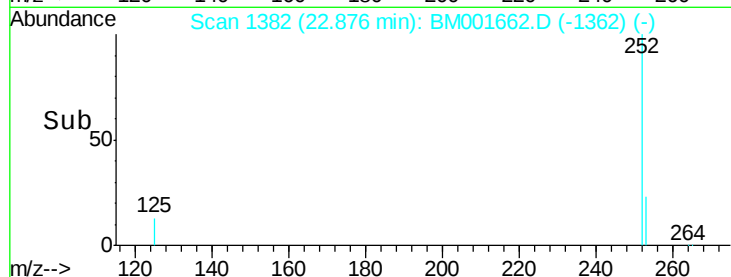
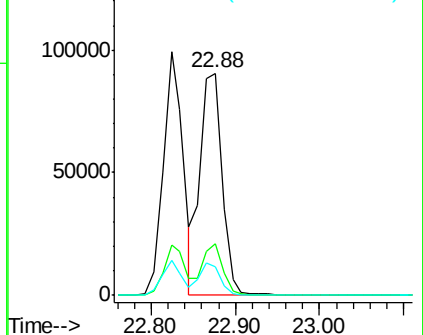
125 12.9 12.5 18.7



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: 8.39 ng

RT: 23.40 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

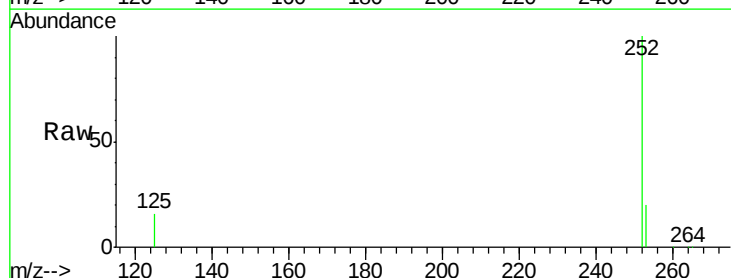
Tgt Ion:252 Resp: 148047

Ion Ratio Lower Upper

252 100

253 20.5 17.4 26.0

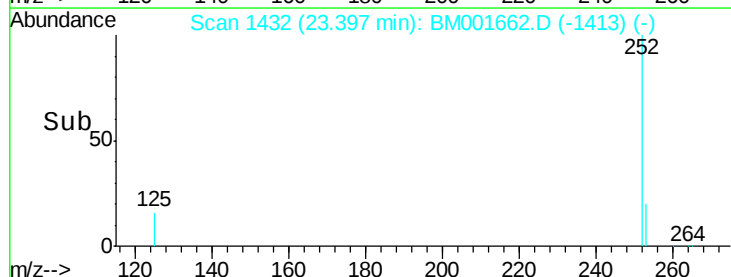
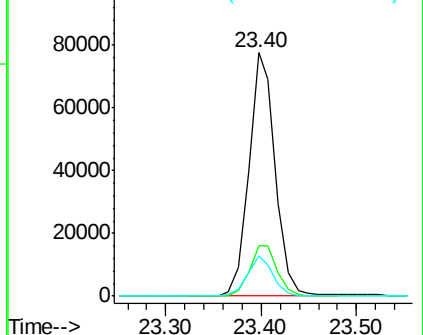
125 16.2 14.0 21.0

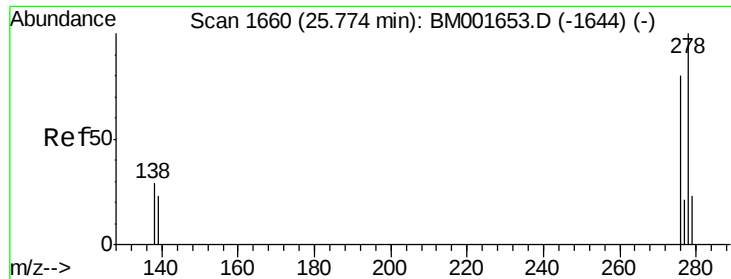


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 7.58 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

Instrument :

BNA_M

ClientSampleId :

PB83950BS

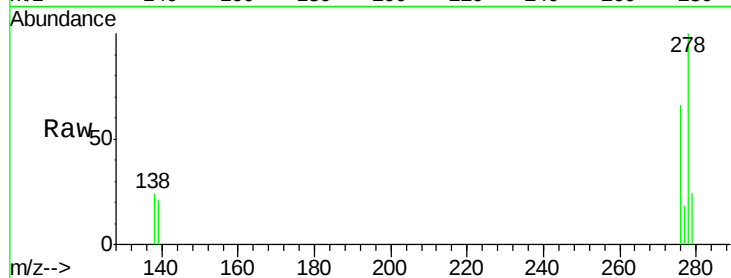
Tgt Ion: 278 Resp: 112455

Ion Ratio Lower Upper

278 100

139 21.4 19.1 28.7

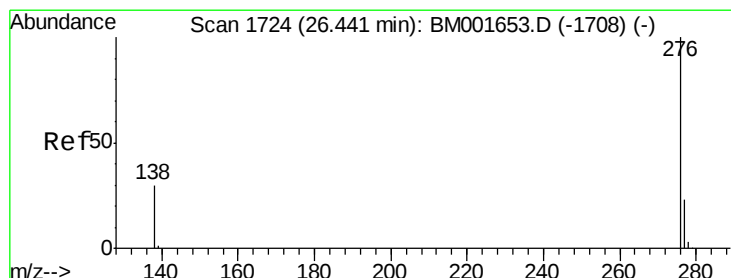
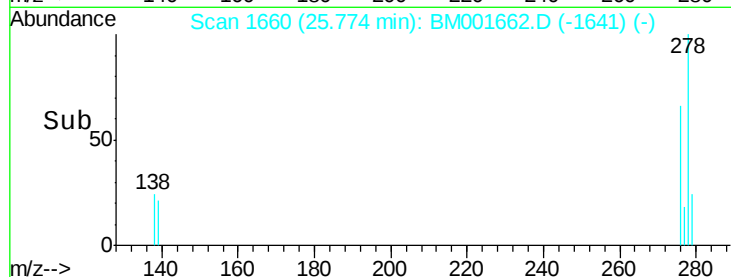
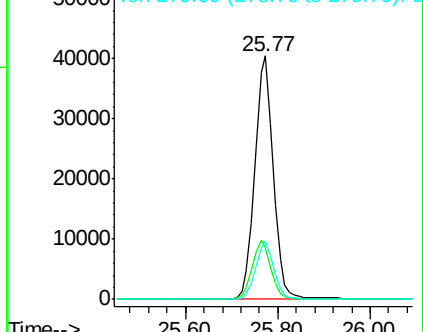
279 23.9 19.7 29.5



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: 7.67 ng

RT: 26.44 min Scan# 1724

Delta R.T. 0.00 min

Lab File: BM001662.D

Acq: 12 Jun 2015 05:27

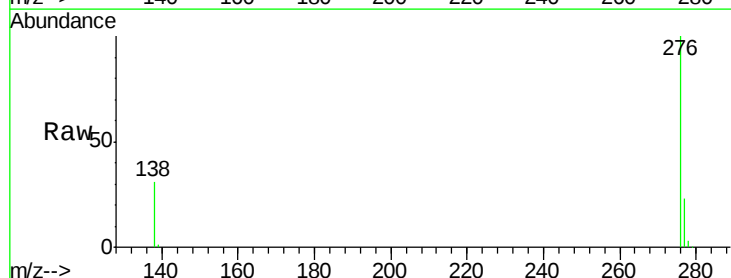
Tgt Ion: 276 Resp: 115912

Ion Ratio Lower Upper

276 100

277 23.3 19.3 28.9

138 31.4 25.0 37.4



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

