

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
 Data File : BM001605.D
 Acq On : 09 Jun 2015 04:12
 Operator : TP/IZ
 Sample : PB83718BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83718BS

Quant Time: Jun 09 18:10:54 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 17:36:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	19692	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	70704	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	32273	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	39844	5.00	ng	0.03
25) Chrysene-d12	21.28	240	53646	5.00	ng	0.00
32) Perylene-d12	23.51	264	49953	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	46903	10.47	ng	-0.02
5) Phenol-d6	6.84	99	59220	10.76	ng	-0.02
7) Nitrobenzene-d5	8.85	82	54153	10.87	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	17292	11.12	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	102658	9.77	ng	0.00
27) Terphenyl-d14	19.72	244	69468	9.92	ng	0.00

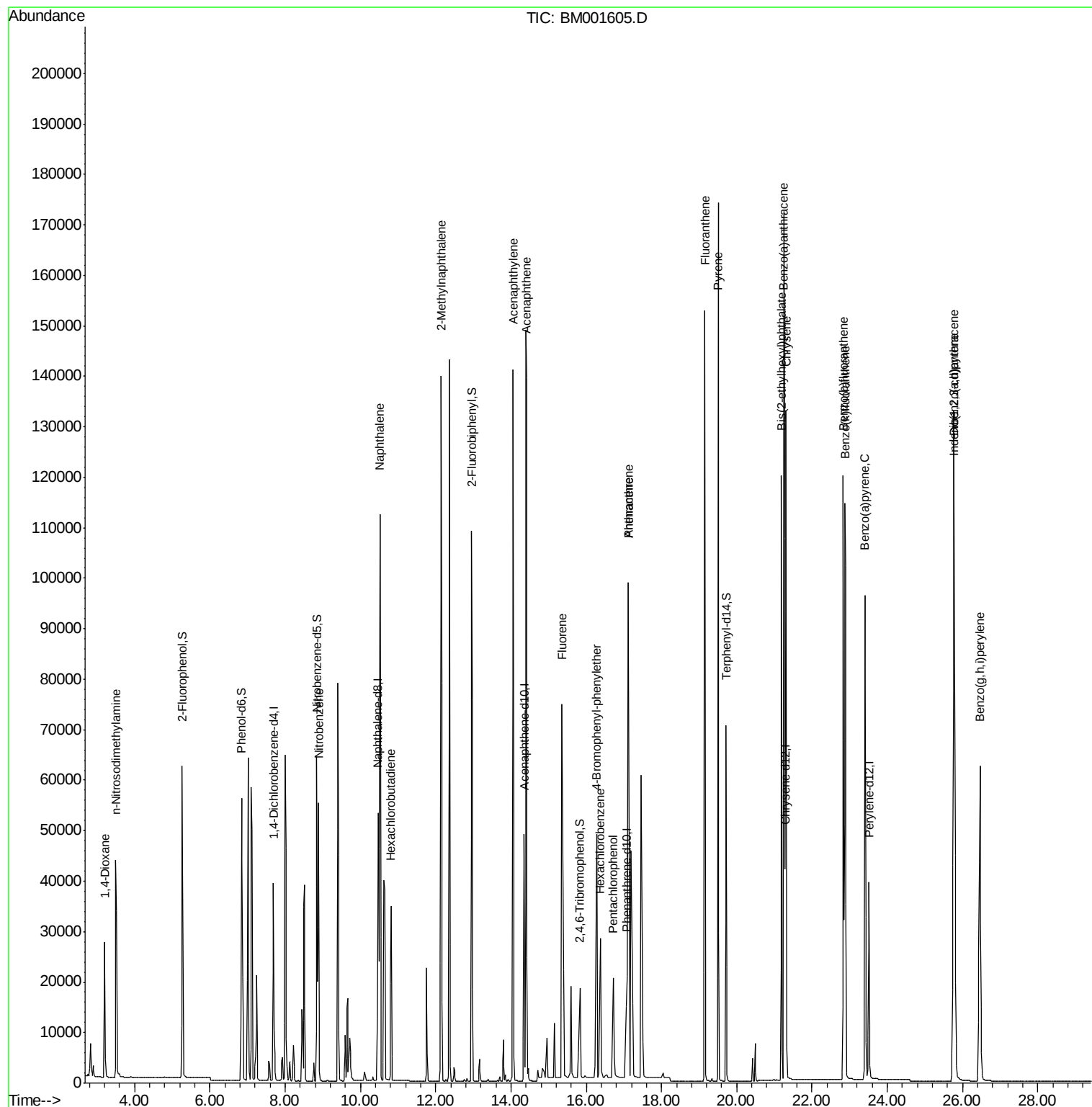
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	19452	8.98	ng	95
3) n-Nitrosodimethylamine	3.51	42	33250	10.73	ng	95
8) Nitrobenzene	8.89	77	59405	11.11	ng	98
9) Naphthalene	10.52	128	156309	9.87	ng	99
10) Hexachlorobutadiene	10.82	225	26773	9.82	ng	100
11) 2-Methylnaphthalene	12.15	142	97926	10.10	ng	98
15) Acenaphthylene	14.06	152	158595	10.95	ng	100
16) Acenaphthene	14.41	154	93197	10.23	ng	96
17) Fluorene	15.36	166	62899	10.19	ng	98
19) 4-Bromophenyl-phenylether	16.27	248	42765	11.31	ng	91
20) Hexachlorobenzene	16.38	284	20808	10.07	ng	# 82
21) Pentachlorophenol	16.72	266	9495	13.73	ng	92
22) Phenanthrene	17.12	178	245065	17.22	ng	96
23) Anthracene	17.12	178	238442	28.26	ng	# 79
24) Fluoranthene	19.15	202	166513	10.81	ng	100
26) Pyrene	19.52	202	176932	10.18	ng	99
28) Benzo(a)anthracene	21.25	228	157128	10.03	ng	98
29) Chrysene	21.31	228	142818	9.64	ng	99
30) Bis(2-ethylhexyl)phthalate	21.19	149	105687	11.67	ng	98
31) Indeno(1,2,3-cd)pyrene	25.76	276	154195	10.25	ng	99
33) Benzo(b)fluoranthene	22.83	252	146604	9.76	ng	98
34) Benzo(k)fluoranthene	22.88	252	143182	9.89	ng	97
35) Benzo(a)pyrene	23.41	252	132711	10.01	ng	96
36) Dibenzo(a,h)anthracene	25.78	278	120095	9.91	ng	96
37) Benzo(g,h,i)perylene	26.46	276	125005	9.56	ng	99

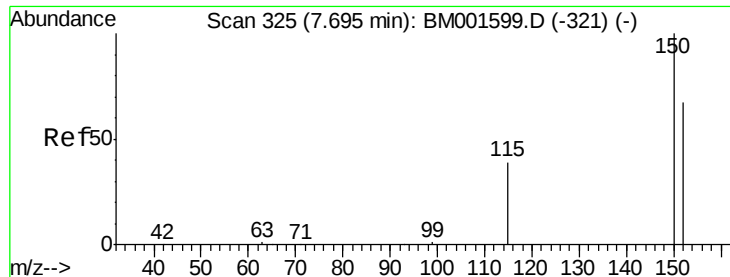
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060815\
Data File : BM001605.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

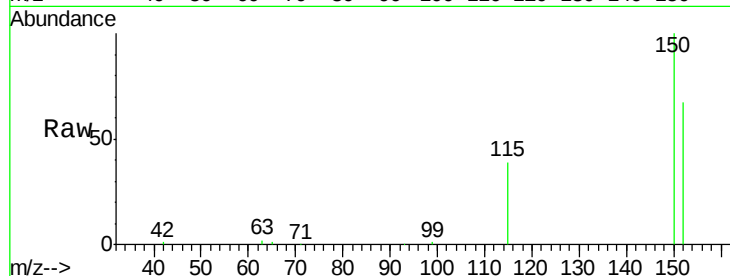
Tgt Ion:152 Resp: 19692

Ion Ratio Lower Upper

152 100

150 149.5 120.1 180.1

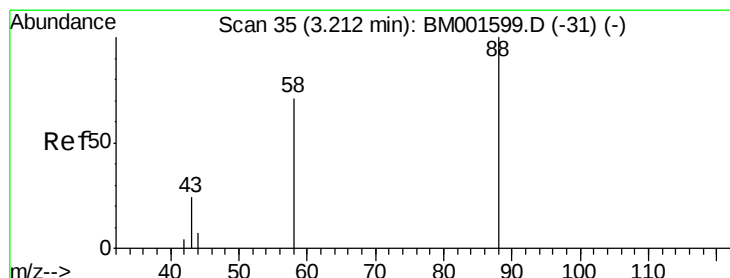
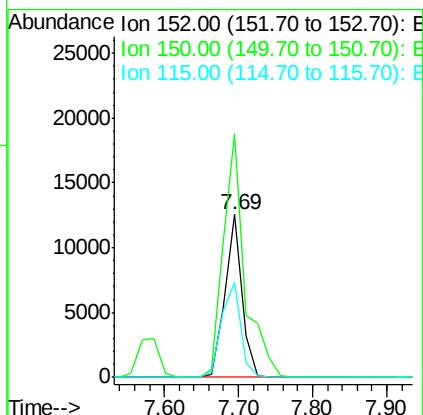
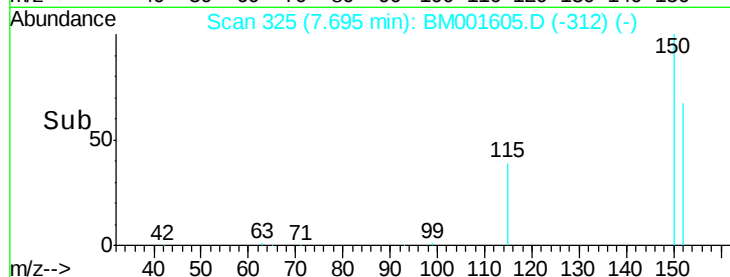
115 58.3 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.98 ng

RT: 3.21 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

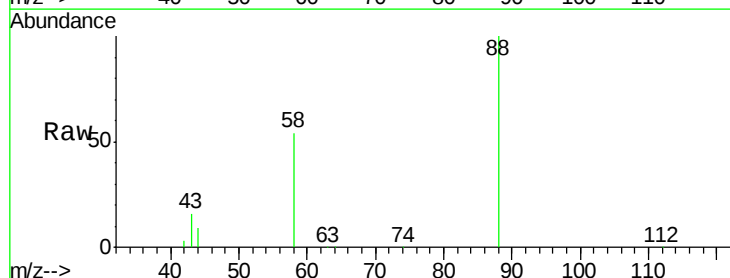
Tgt Ion: 88 Resp: 19452

Ion Ratio Lower Upper

88 100

58 87.4 65.5 98.3

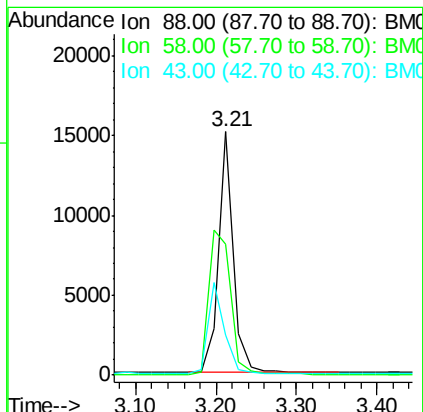
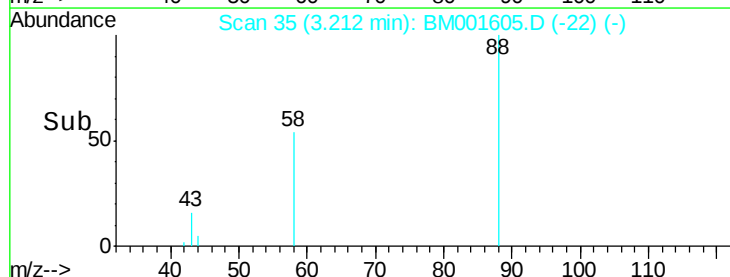
43 41.3 32.2 48.2

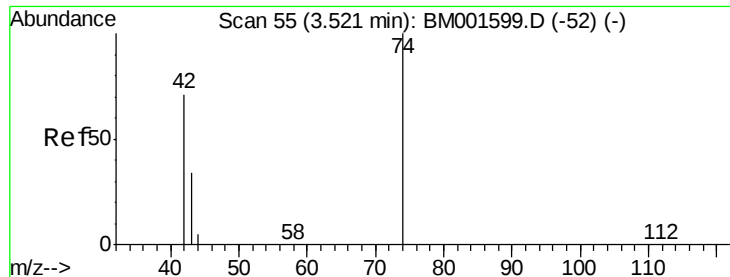


Abundance Ion 88.00 (87.70 to 88.70): BM

Ion 58.00 (57.70 to 58.70): BM

Ion 43.00 (42.70 to 43.70): BM





#3

n-Nitrosodimethylamine

Concen: 10.73 ng

RT: 3.51 min Scan# 54

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

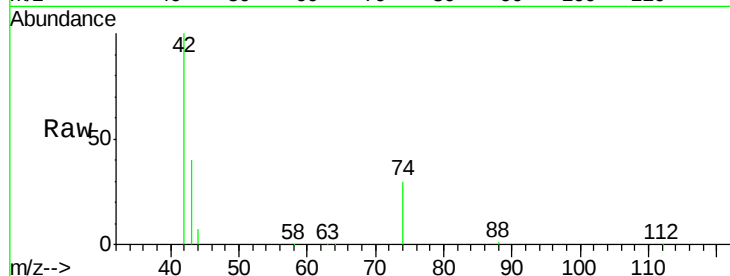
Tgt Ion: 42 Resp: 33250

Ion Ratio Lower Upper

42 100

74 94.1 79.5 119.3

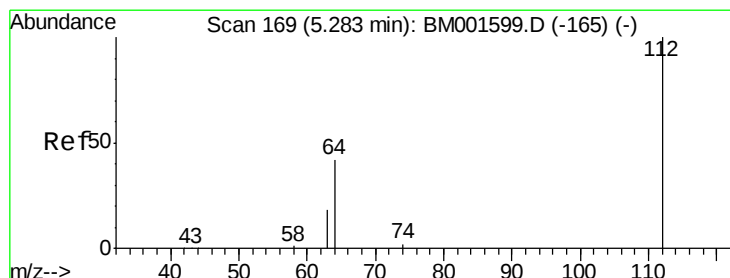
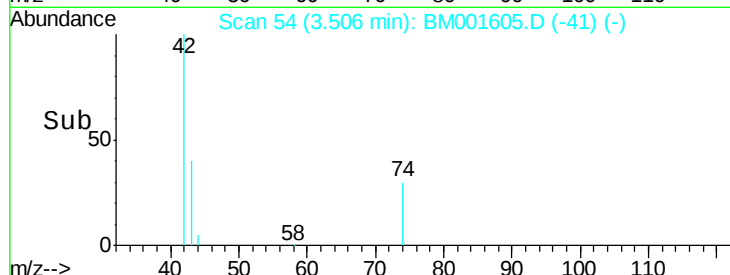
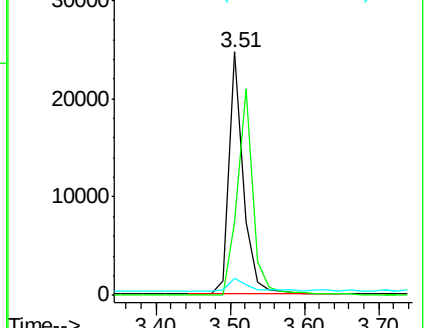
44 5.8 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BM001599.D (-52) (-)

Ion 74.00 (73.70 to 74.70): BM001599.D (-52) (-)

Ion 44.00 (43.70 to 44.70): BM001599.D (-52) (-)



#4

2-Fluorophenol

Concen: 10.47 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.02 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

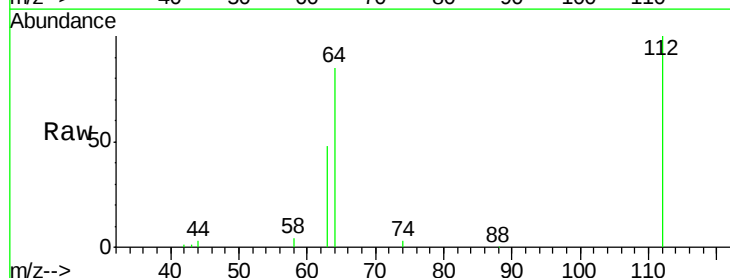
Tgt Ion: 112 Resp: 46903

Ion Ratio Lower Upper

112 100

64 68.4 54.8 82.2

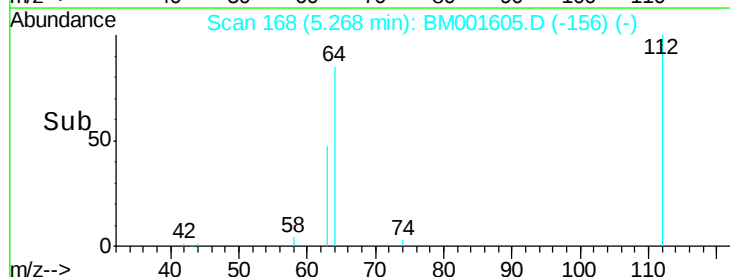
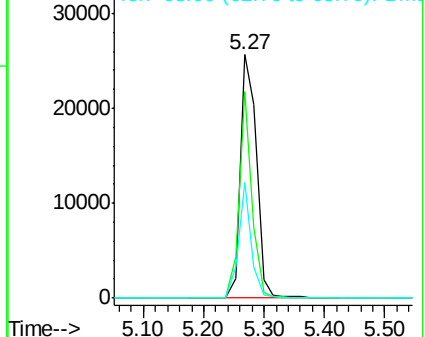
63 37.9 30.5 45.7

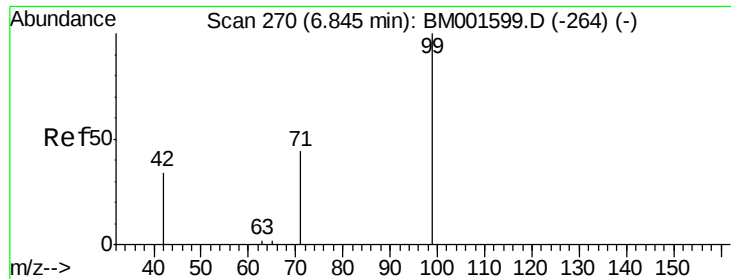


Abundance Ion 112.00 (111.70 to 112.70): BM001599.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001599.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001599.D (-165) (-)





#5

Phenol-d6

Concen: 10.76 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.02 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

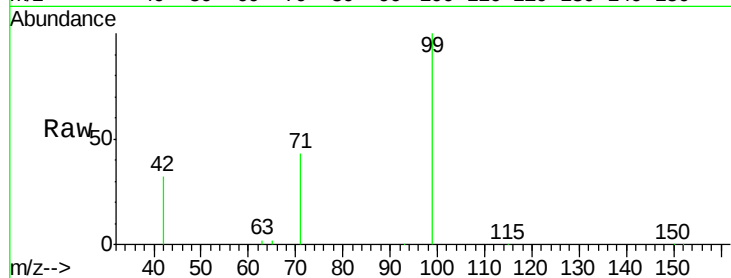
Tgt Ion: 99 Resp: 59220

Ion Ratio Lower Upper

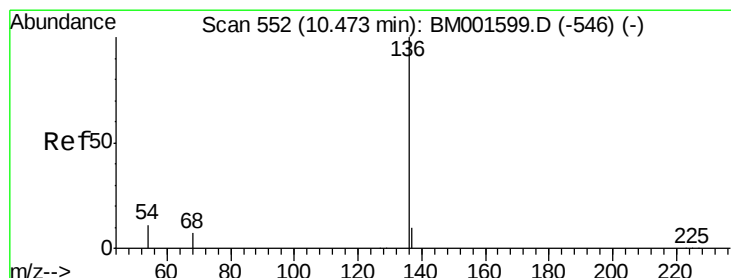
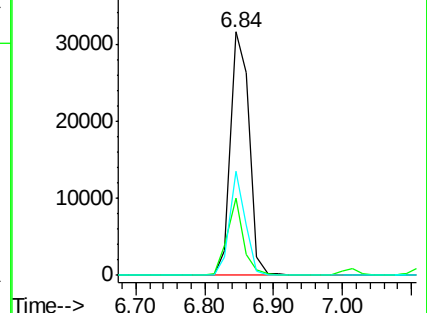
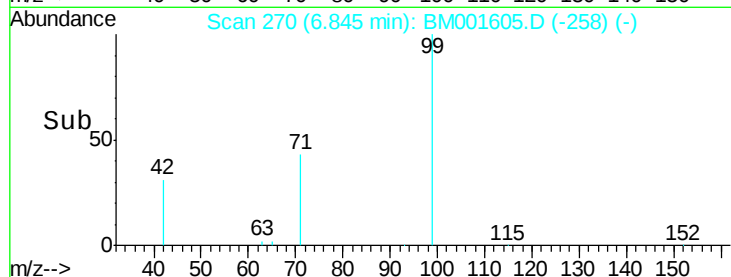
99 100

42 27.0 21.6 32.4

71 36.0 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001605.D (-258) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Tgt Ion: 136 Resp: 70704

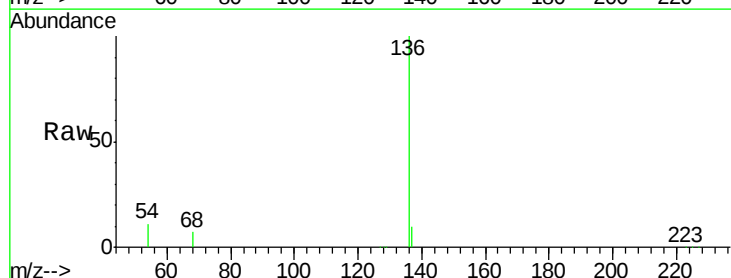
Ion Ratio Lower Upper

136 100

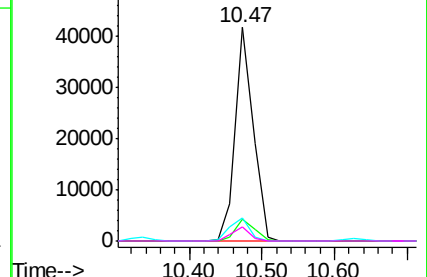
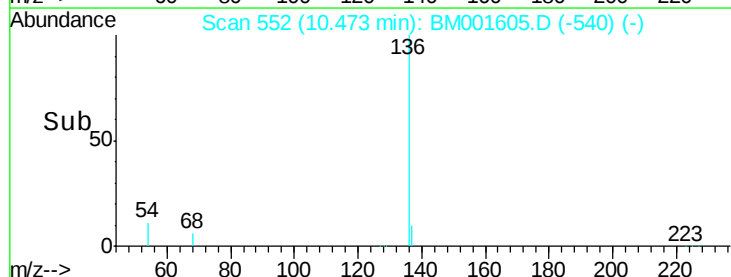
137 10.5 8.3 12.5

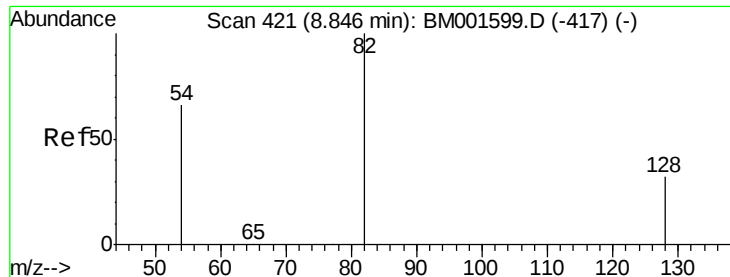
54 10.8 9.2 13.8

68 6.5 5.5 8.3



Abundance Ion 136.00 (135.70 to 136.70): BM001605.D (-540) (-)





#7

Nitrobenzene-d5

Concen: 10.87 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

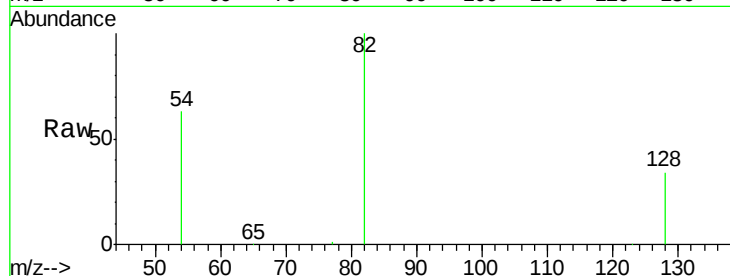
Tgt Ion: 82 Resp: 54153

Ion Ratio Lower Upper

82 100

128 34.0 26.6 40.0

54 63.4 53.0 79.6

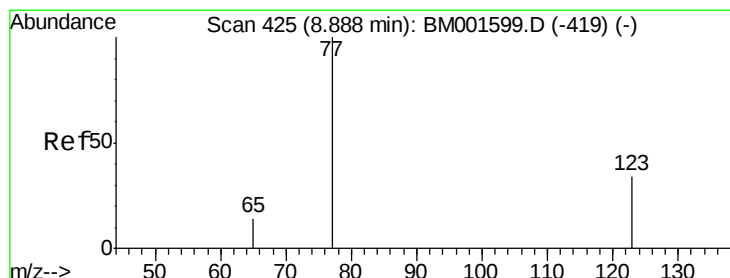
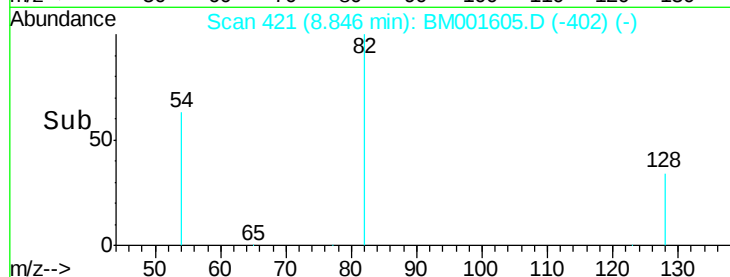


Abundance Ion 82.00 (81.70 to 82.70): BM001599.D (-417) (-)

Ion 128.00 (127.70 to 128.70): BM001599.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-417) (-)

Time-->



#8

Nitrobenzene

Concen: 11.11 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

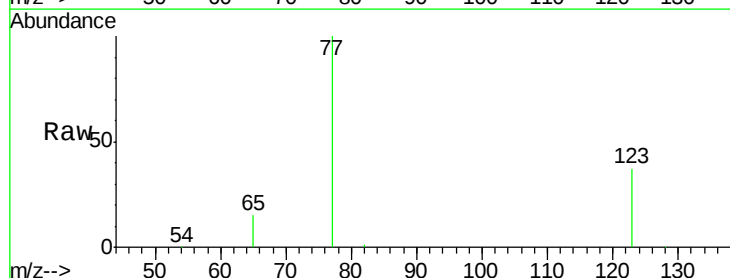
Tgt Ion: 77 Resp: 59405

Ion Ratio Lower Upper

77 100

123 40.2 31.0 46.6

65 14.6 11.4 17.0

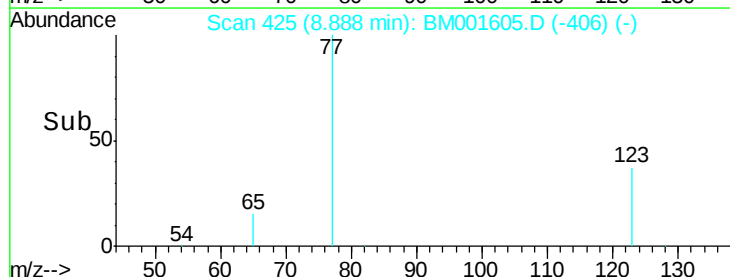


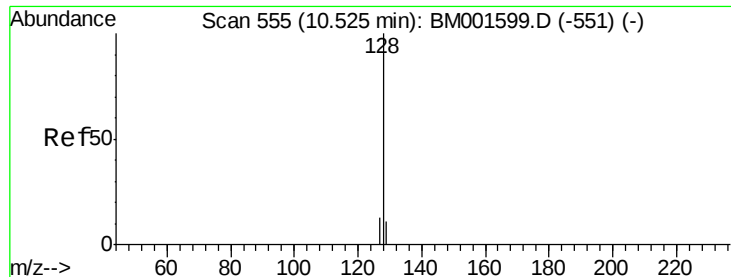
Abundance Ion 77.00 (76.70 to 77.70): BM001599.D (-419) (-)

Ion 123.00 (122.70 to 123.70): BM001599.D (-419) (-)

Ion 65.00 (64.70 to 65.70): BM001599.D (-419) (-)

Time-->

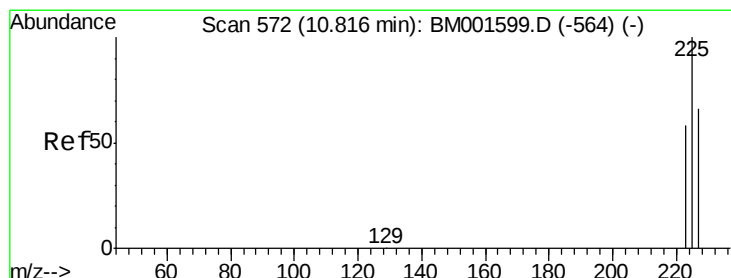
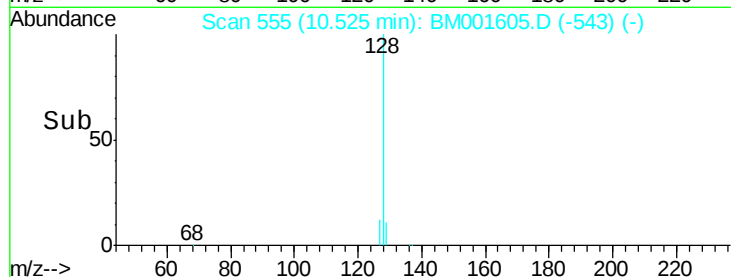
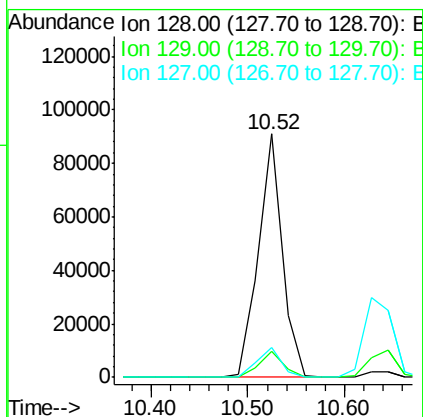
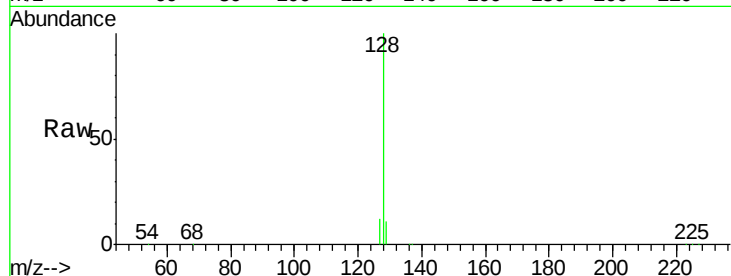




#9
Naphthalene
Concen: 9.87 ng
RT: 10.52 min Scan# 555
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

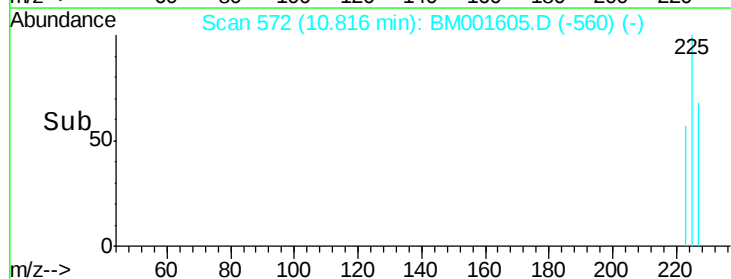
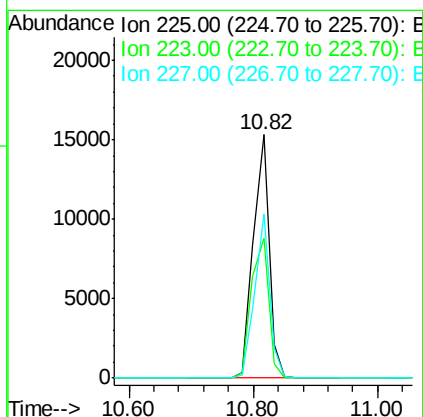
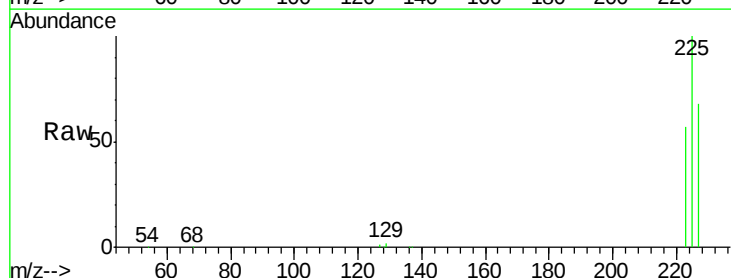
Instrument :
BNA_M
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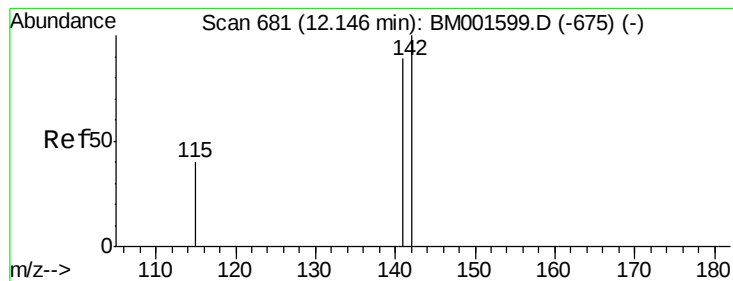
Tgt Ion:128 Resp: 156309
Ion Ratio Lower Upper
128 100
129 10.9 9.1 13.7
127 12.4 10.4 15.6



#10
Hexachlorobutadiene
Concen: 9.82 ng
RT: 10.82 min Scan# 572
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:225 Resp: 26773
Ion Ratio Lower Upper
225 100
223 62.6 49.8 74.8
227 63.8 50.9 76.3





#11

2-Methylnaphthalene

Concen: 10.10 ng

RT: 12.15 min Scan# 681

Delta R.T. -0.01 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

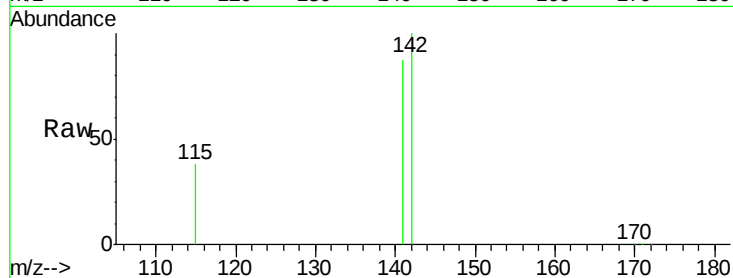
Tgt Ion:142 Resp: 97926

Ion Ratio Lower Upper

142 100

141 87.3 71.3 106.9

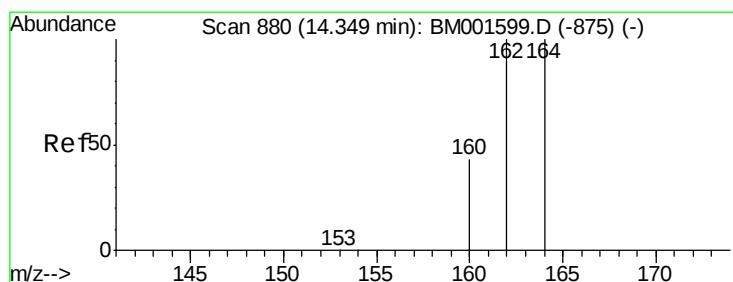
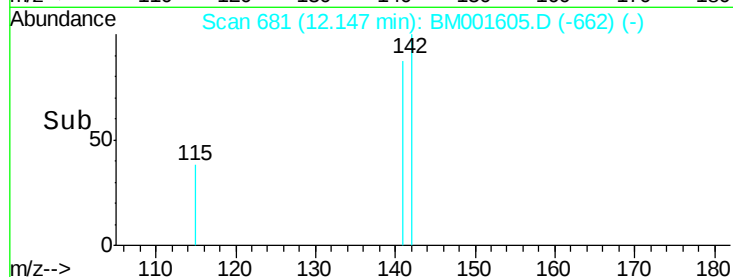
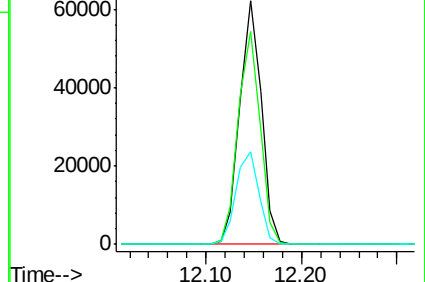
115 38.1 32.1 48.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.35 min Scan# 880

Delta R.T. 0.01 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

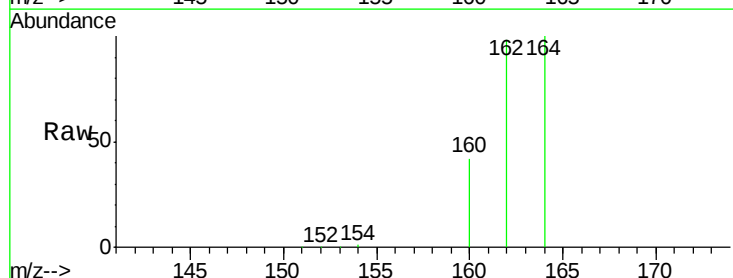
Tgt Ion:164 Resp: 32273

Ion Ratio Lower Upper

164 100

162 97.9 79.8 119.6

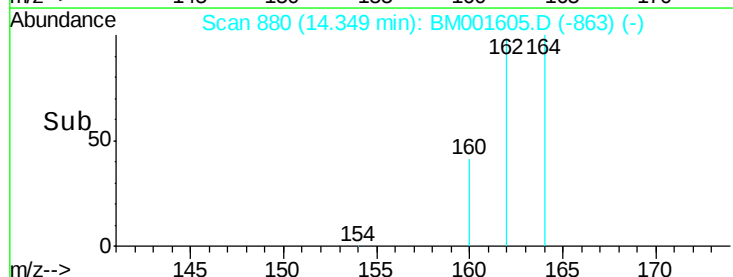
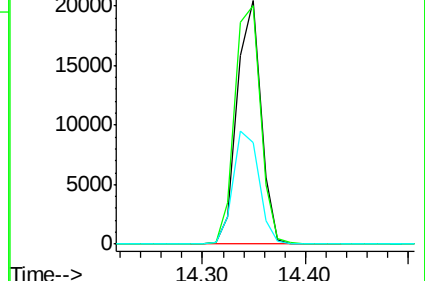
160 41.5 34.6 51.8

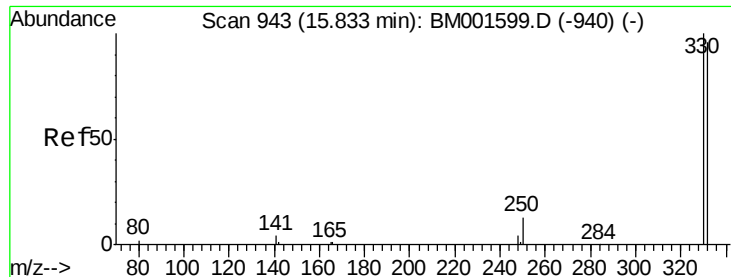


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

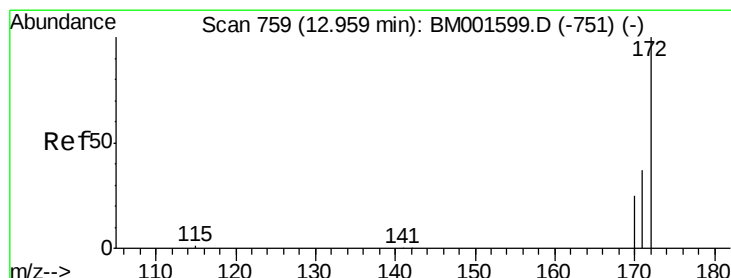
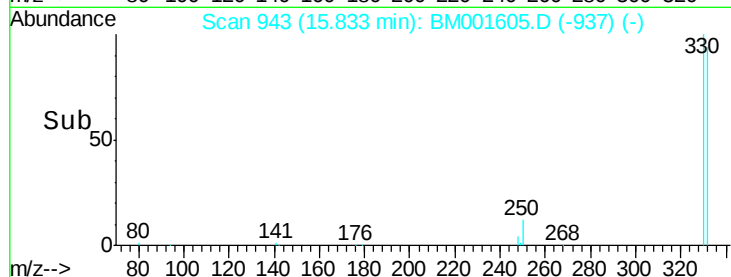
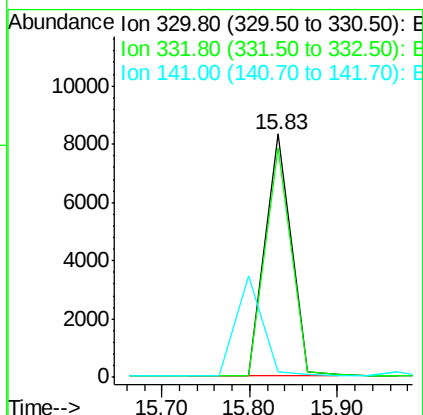
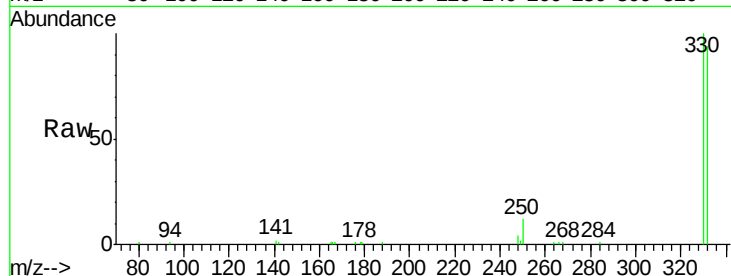




#13
 2,4,6-Tribromophenol
 Concen: 11.12 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.01 min
 Lab File: BM001605.D
 Acq: 09 Jun 2015 04:12

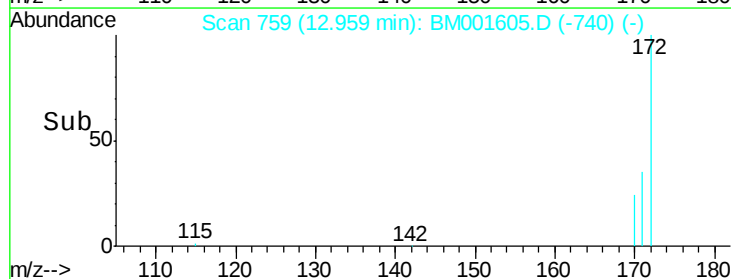
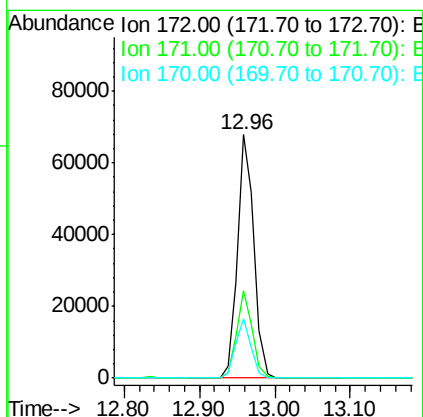
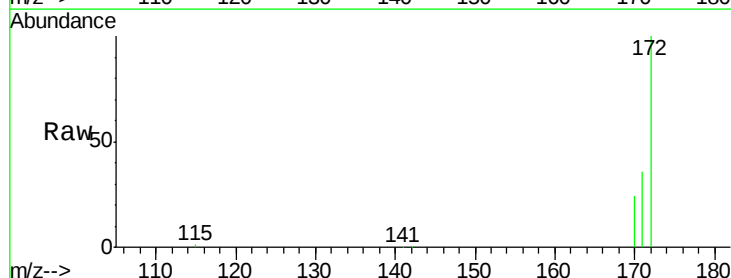
Instrument :
 BNA_M
 ClientSampleId :
 PB83718BS

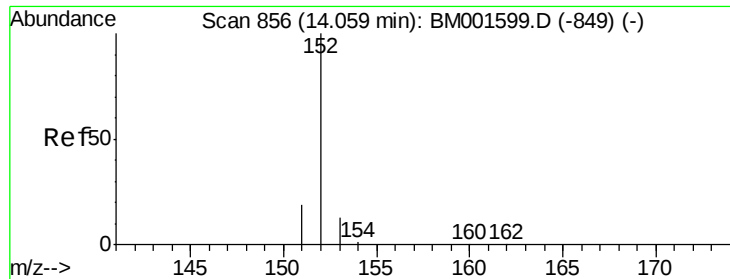
Tgt Ion:330 Resp: 17292
 Ion Ratio Lower Upper
 330 100
 332 94.5 76.7 115.1
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 9.77 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.01 min
 Lab File: BM001605.D
 Acq: 09 Jun 2015 04:12

Tgt Ion:172 Resp: 102658
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.4 20.6 31.0





#15

Acenaphthylene

Concen: 10.95 ng

RT: 14.06 min Scan# 856

Delta R.T. 0.01 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

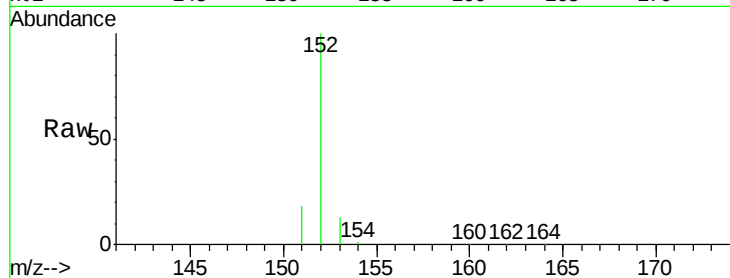
Tgt Ion:152 Resp: 158595

Ion Ratio Lower Upper

152 100

151 19.1 15.5 23.3

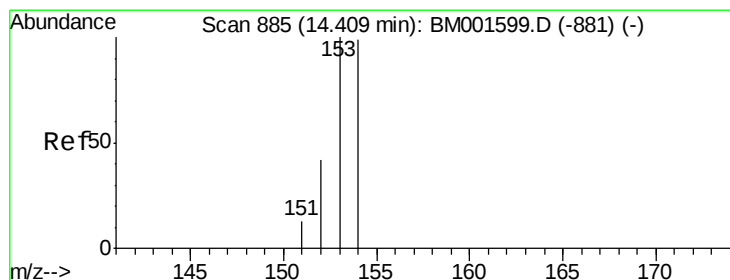
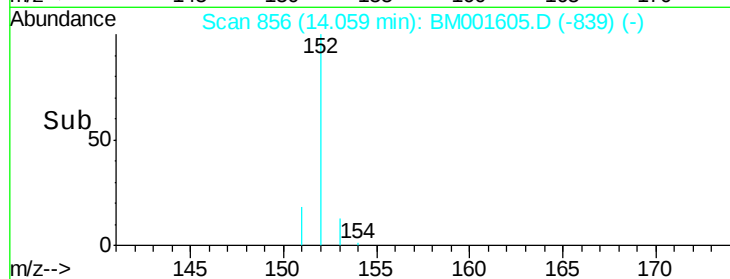
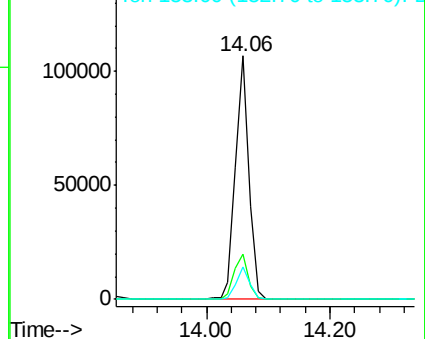
153 12.9 10.3 15.5



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: 10.23 ng

RT: 14.41 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

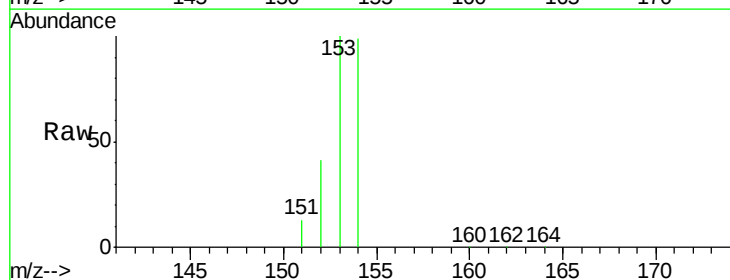
Tgt Ion:154 Resp: 93197

Ion Ratio Lower Upper

154 100

153 107.5 89.4 134.0

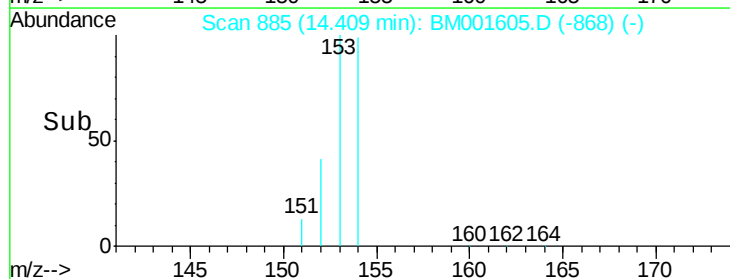
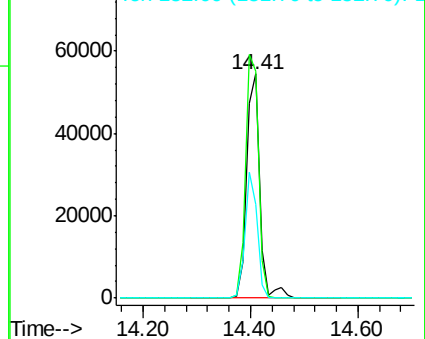
152 51.4 43.6 65.4

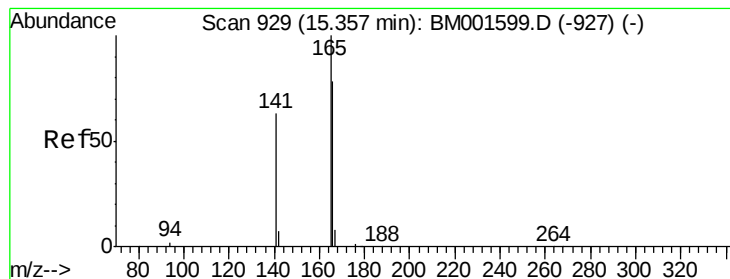


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 10.19 ng

RT: 15.36 min Scan# 929

Delta R.T. -0.01 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

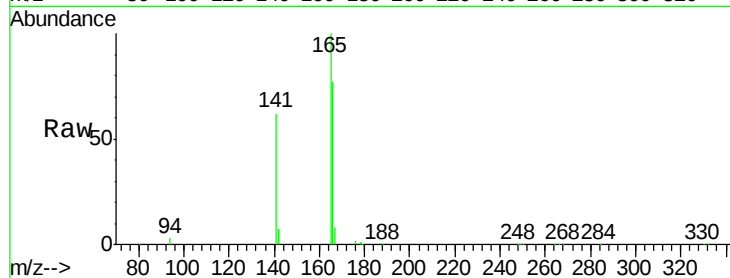
Tgt Ion:166 Resp: 62899

Ion Ratio Lower Upper

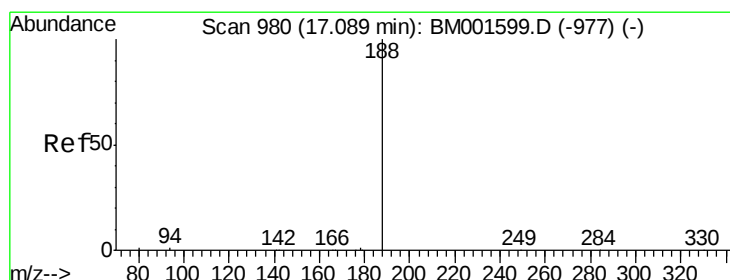
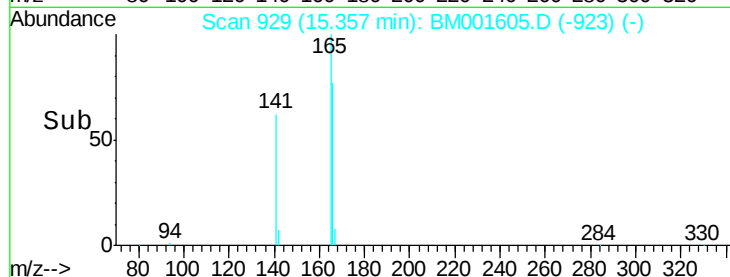
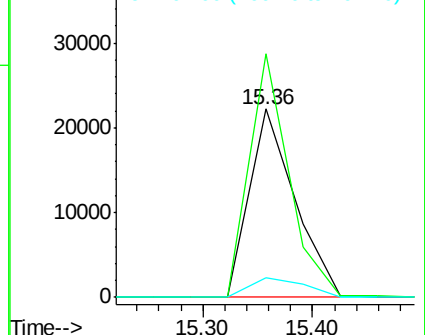
166 100

165 112.1 87.8 131.8

167 12.4 10.0 15.0



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: 17.09 min Scan# 980

Delta R.T. 0.03 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

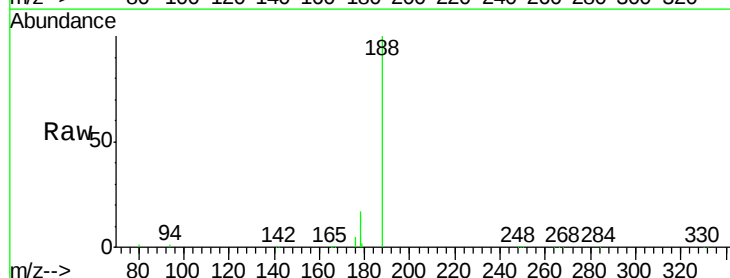
Tgt Ion:188 Resp: 39844

Ion Ratio Lower Upper

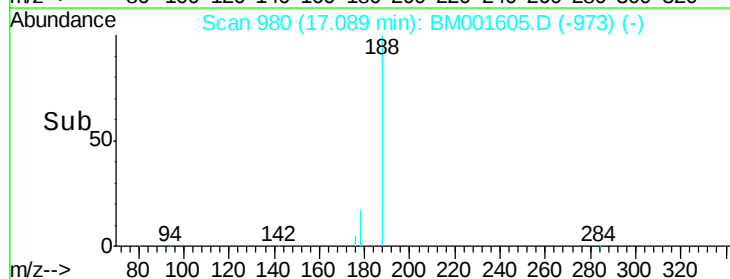
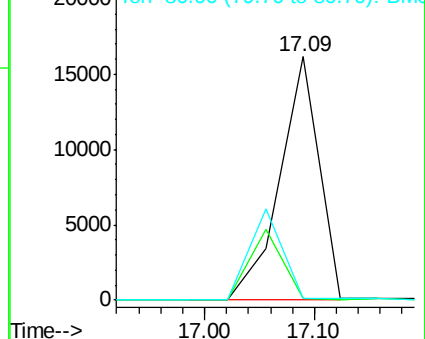
188 100

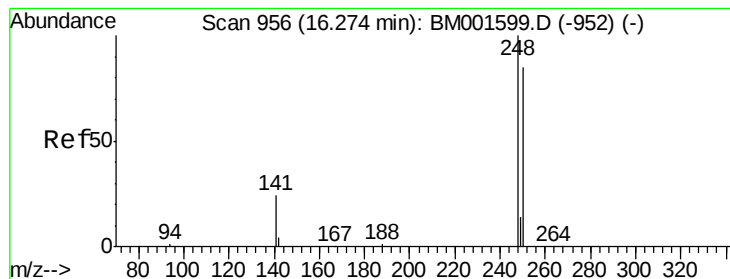
94 0.7 1.0 1.6#

80 0.7 1.0 1.4#



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: 11.31 ng

RT: 16.27 min Scan# 956

Delta R.T. -0.01 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampled :

PB83718BS

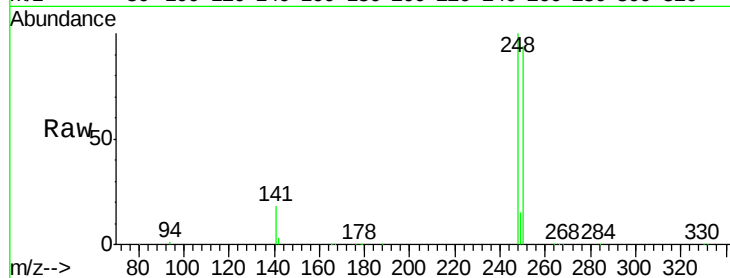
Tgt Ion:248 Resp: 42765

Ion Ratio Lower Upper

248 100

250 94.2 68.6 103.0

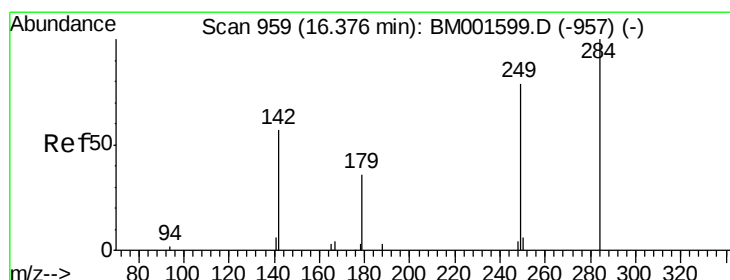
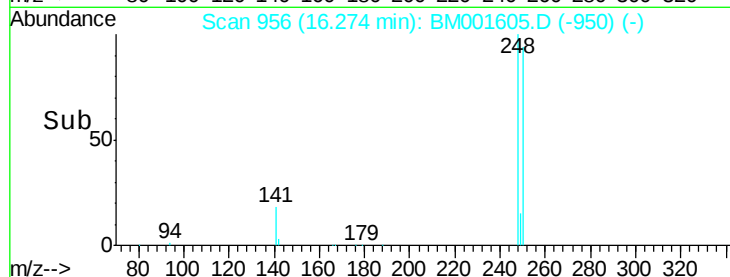
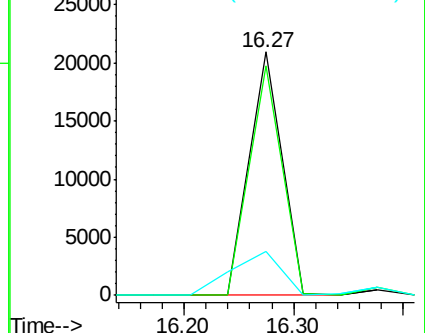
141 27.8 25.5 38.3



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: 10.07 ng

RT: 16.38 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

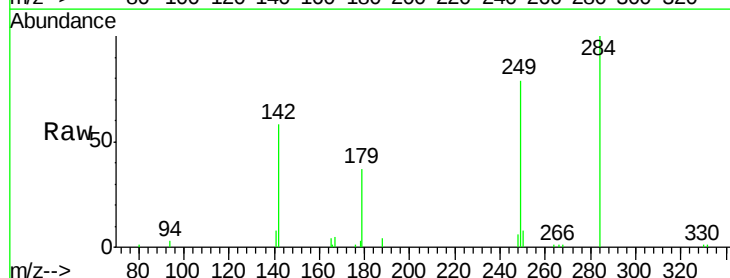
Tgt Ion:284 Resp: 20808

Ion Ratio Lower Upper

284 100

142 55.6 47.3 70.9

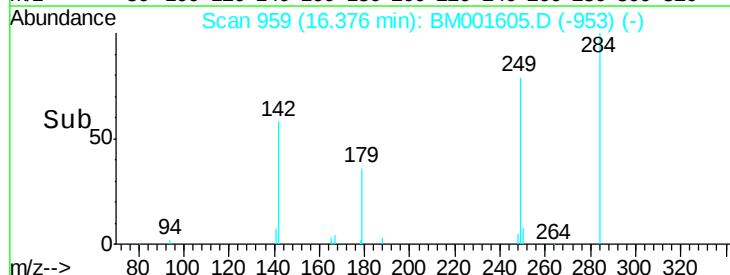
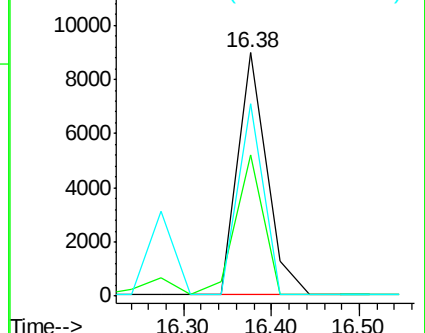
249 69.2 75.8 113.6#

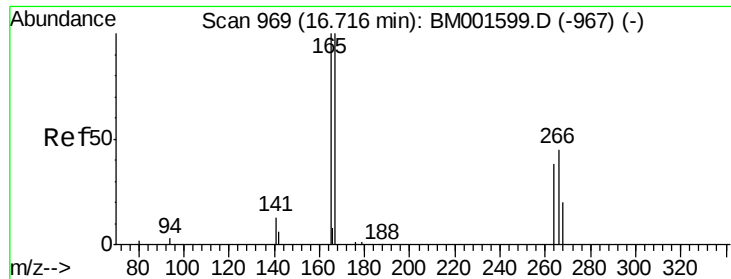


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

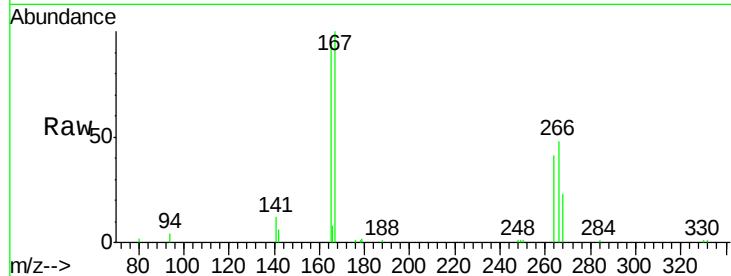




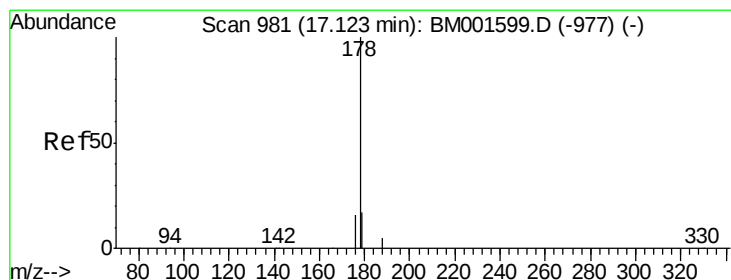
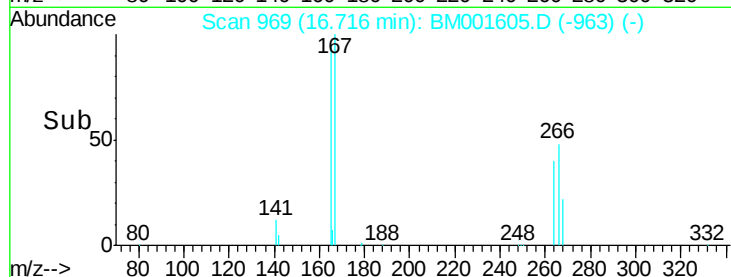
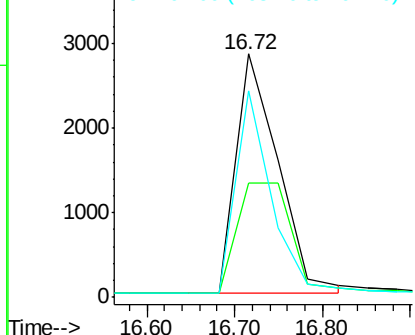
#21
 Pentachlorophenol
 Concen: 13.73 ng
 RT: 16.72 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BM001605.D
 Acq: 09 Jun 2015 04:12

Instrument :
 BNA_M
 ClientSampleId :
 PB83718BS

Tgt Ion:266 Resp: 9495
 Ion Ratio Lower Upper
 266 100
 268 47.2 45.8 68.8
 264 84.6 70.6 106.0

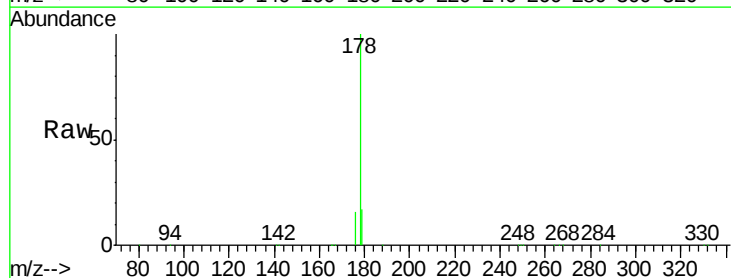


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

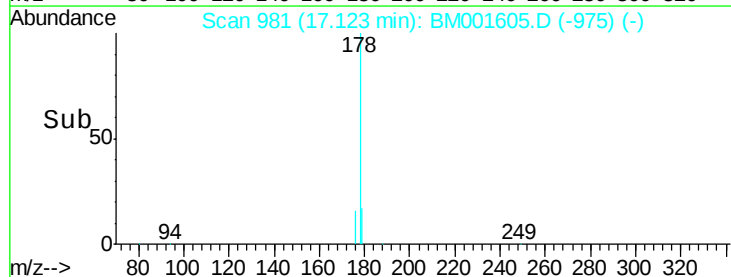
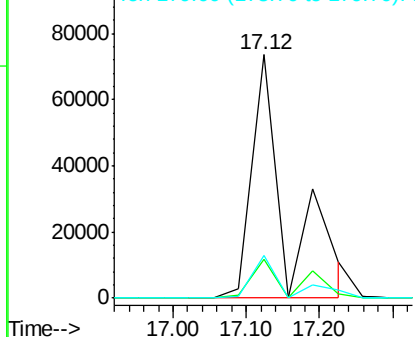


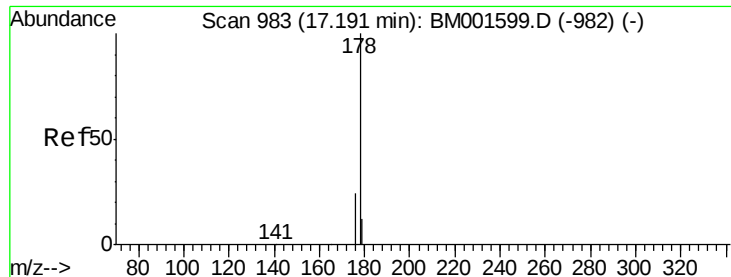
#22
 Phenanthrene
 Concen: 17.22 ng
 RT: 17.12 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: BM001605.D
 Acq: 09 Jun 2015 04:12

Tgt Ion:178 Resp: 245065
 Ion Ratio Lower Upper
 178 100
 176 18.3 13.2 19.8
 179 15.8 13.8 20.8



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: 28.26 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

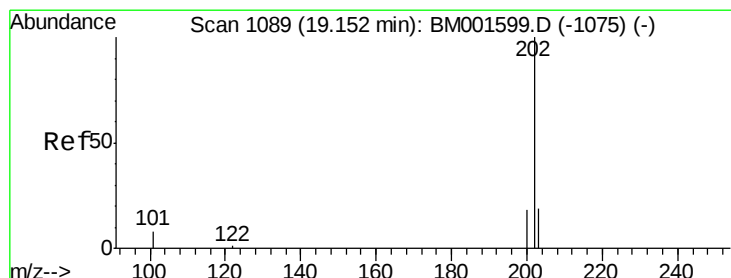
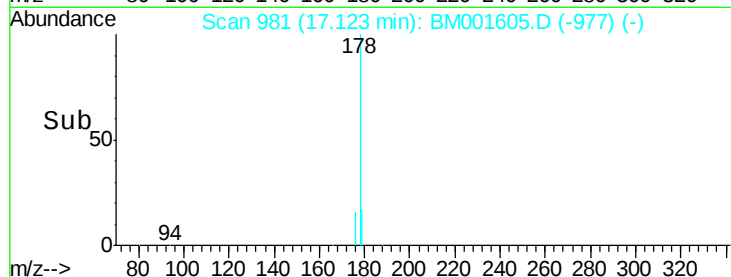
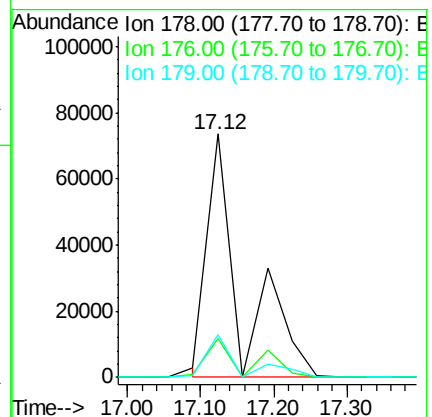
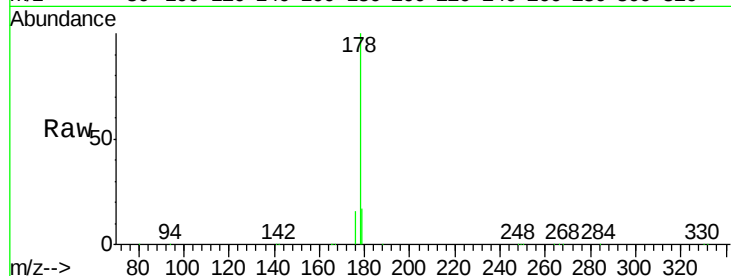
Tgt Ion:178 Resp: 238442

Ion Ratio Lower Upper

178 100

176 18.0 21.9 32.9#

179 15.9 23.0 34.4#



#24

Fluoranthene

Concen: 10.81 ng

RT: 19.15 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

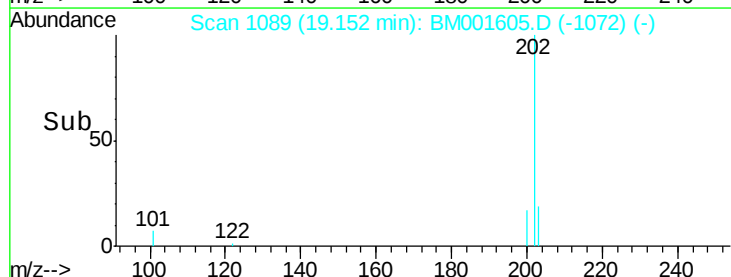
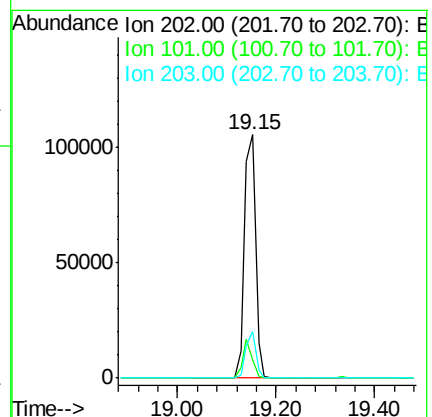
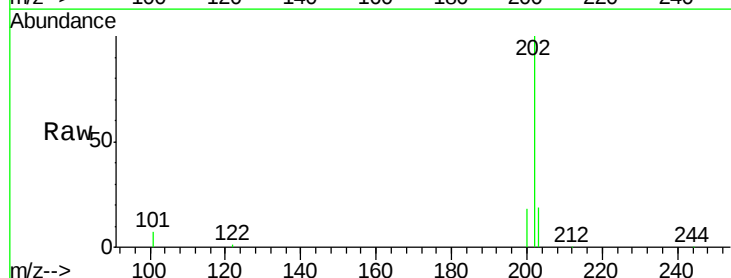
Tgt Ion:202 Resp: 166513

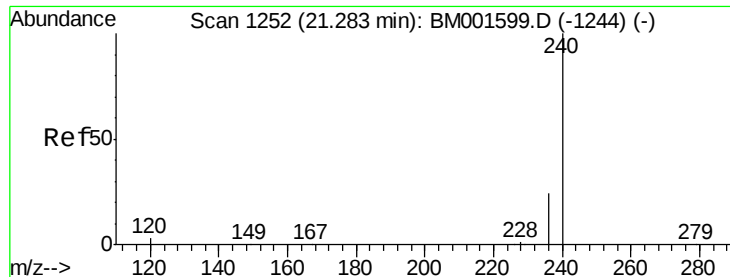
Ion Ratio Lower Upper

202 100

101 13.1 10.4 15.6

203 17.3 13.8 20.6

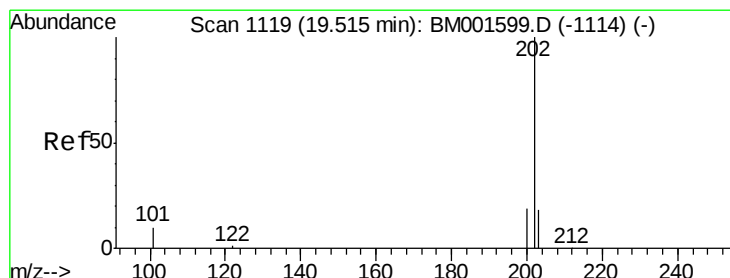
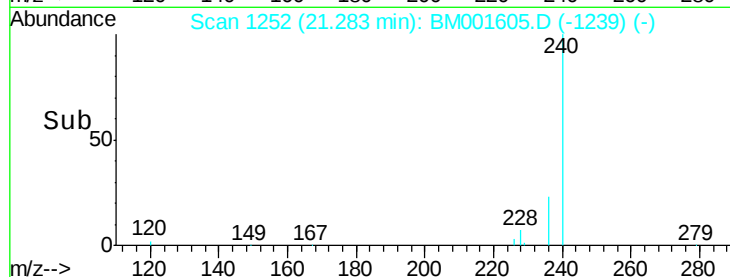
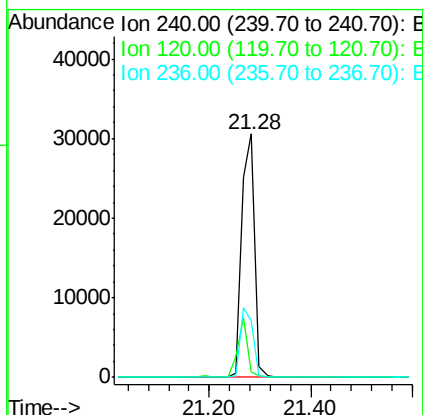
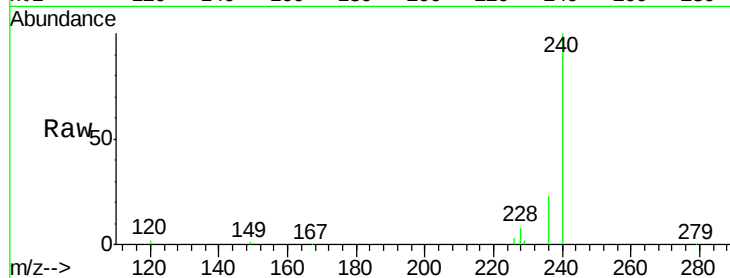




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.28 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

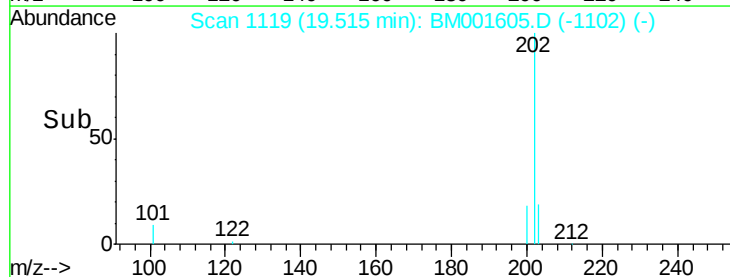
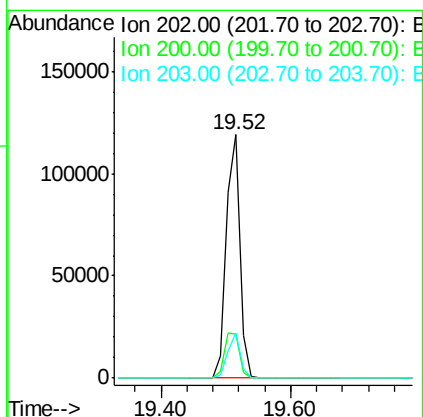
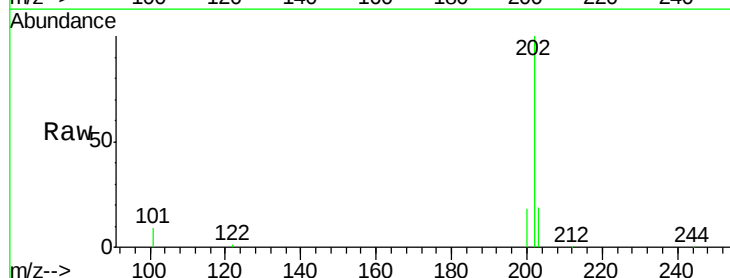
Instrument :
BNA_M
ClientSampleId :
PB83718BS

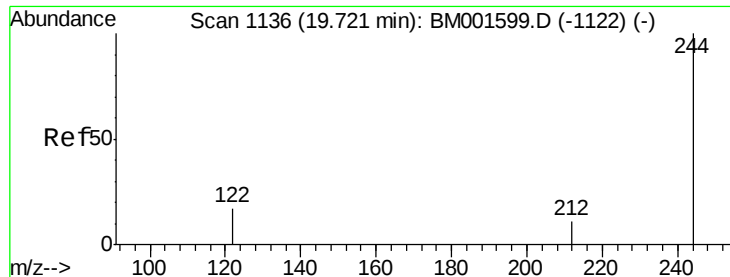
Tgt Ion:240 Resp: 53646
Ion Ratio Lower Upper
240 100
120 2.2 2.2 3.4#
236 23.2 19.6 29.4



#26
Pyrene
Concen: 10.18 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001605.D
Acq: 09 Jun 2015 04:12

Tgt Ion:202 Resp: 176932
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.3 14.0 21.0





#27

Terphenyl-d14

Concen: 9.92 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

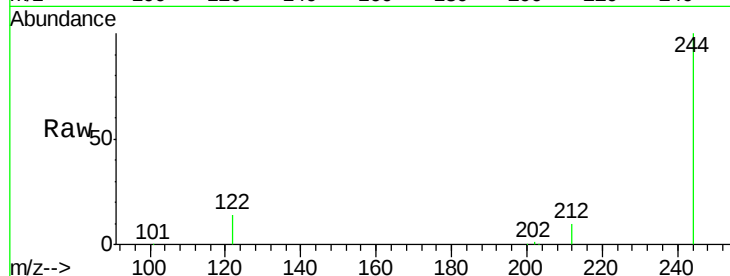
Tgt Ion:244 Resp: 69468

Ion Ratio Lower Upper

244 100

212 10.1 9.2 13.8

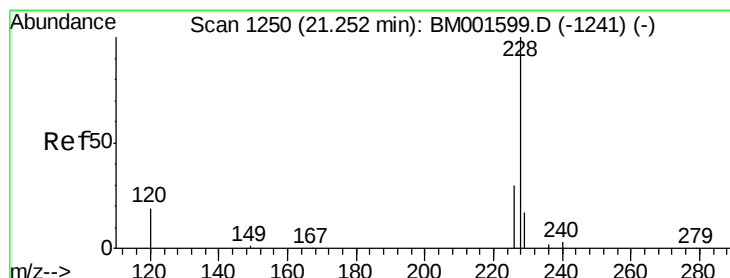
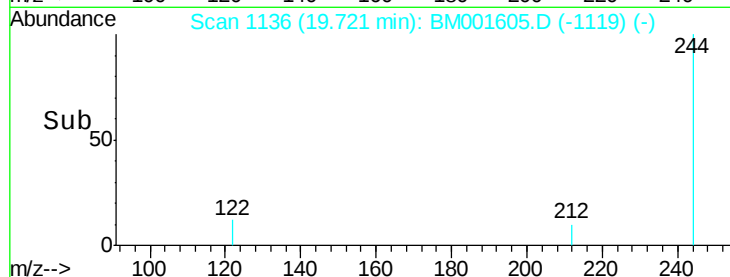
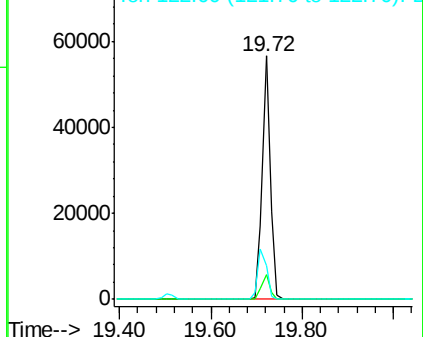
122 13.9 14.5 21.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 10.03 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

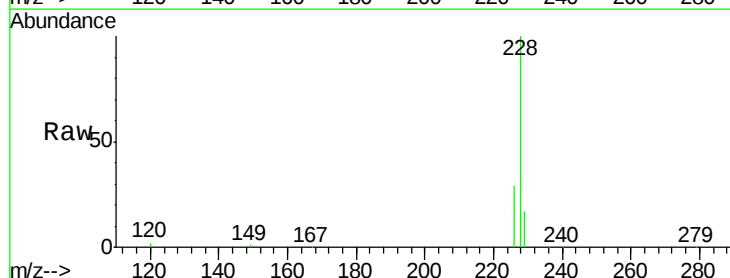
Tgt Ion:228 Resp: 157128

Ion Ratio Lower Upper

228 100

226 29.3 24.6 37.0

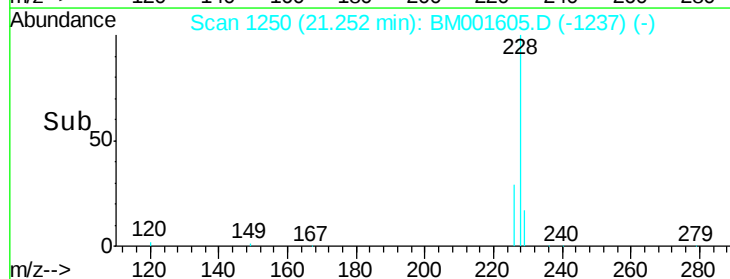
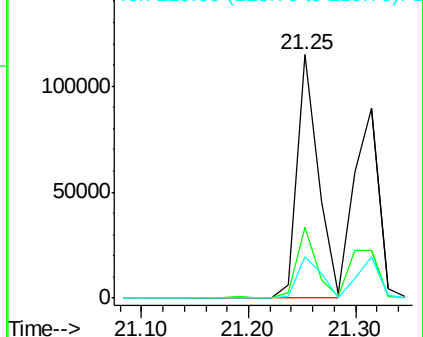
229 17.1 13.8 20.8

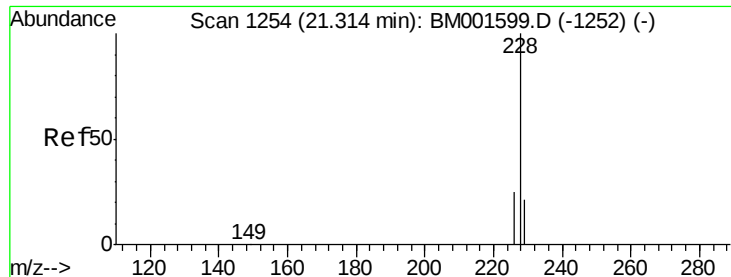


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 9.64 ng

RT: 21.31 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

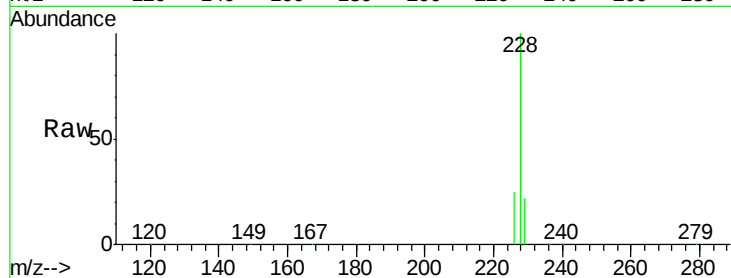
Tgt Ion: 228 Resp: 142818

Ion Ratio Lower Upper

228 100

226 25.4 20.6 31.0

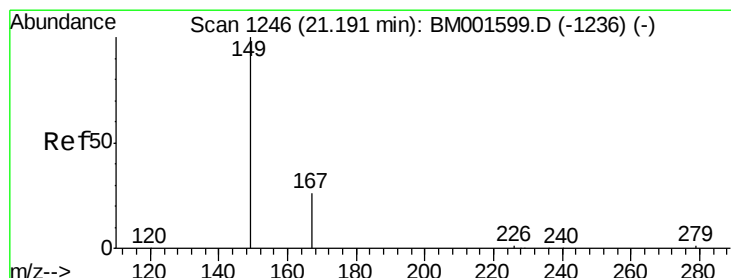
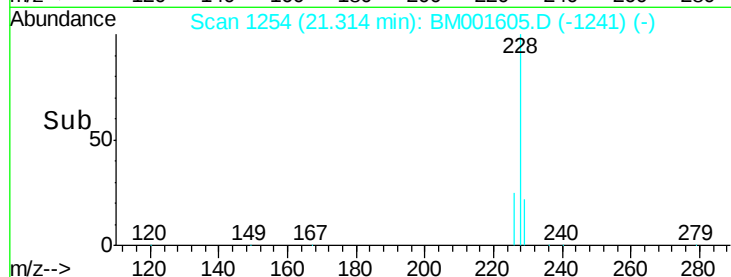
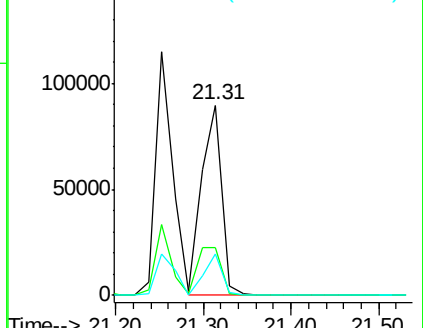
229 22.0 17.4 26.2



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: 11.67 ng

RT: 21.19 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

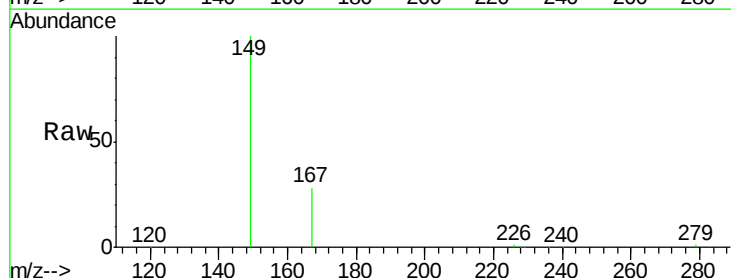
Tgt Ion: 149 Resp: 105687

Ion Ratio Lower Upper

149 100

167 26.4 20.2 30.4

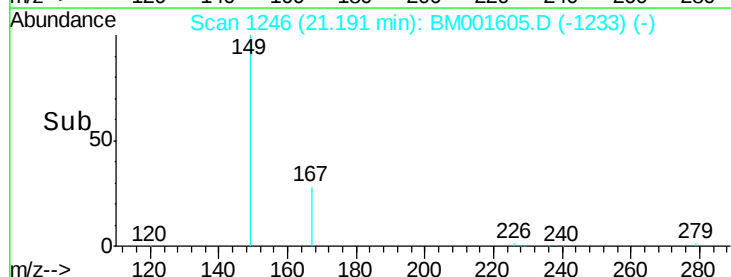
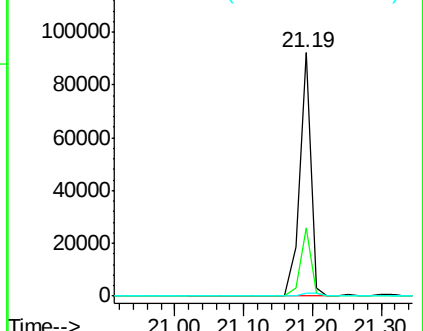
279 1.9 1.7 2.5

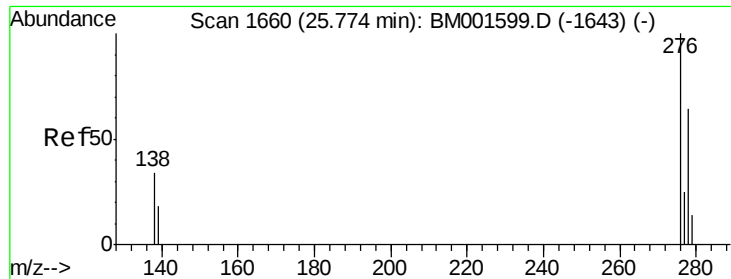


Abundance Ion 149.00 (148.70 to 149.70): E

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: 10.25 ng

RT: 25.76 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

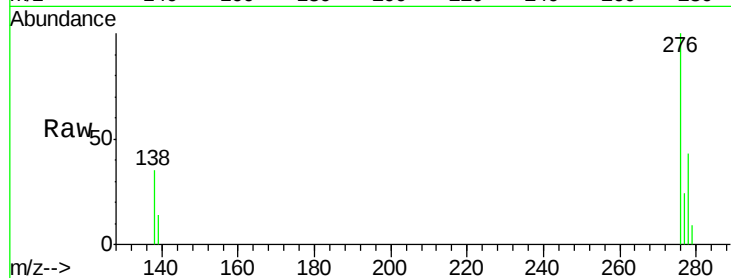
Tgt Ion:276 Resp: 154195

Ion Ratio Lower Upper

276 100

138 35.9 28.2 42.2

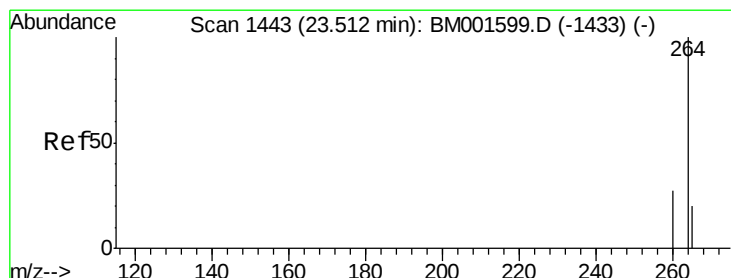
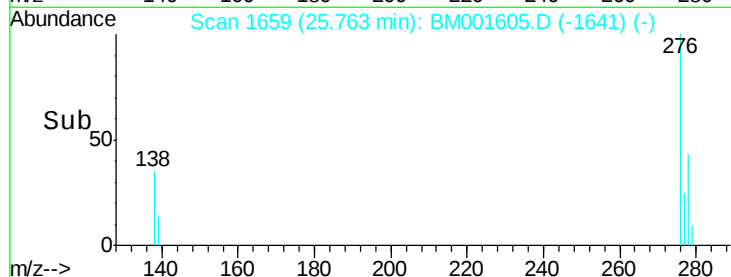
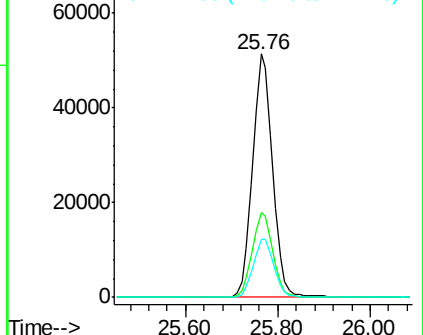
277 24.5 19.4 29.2



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: 23.51 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

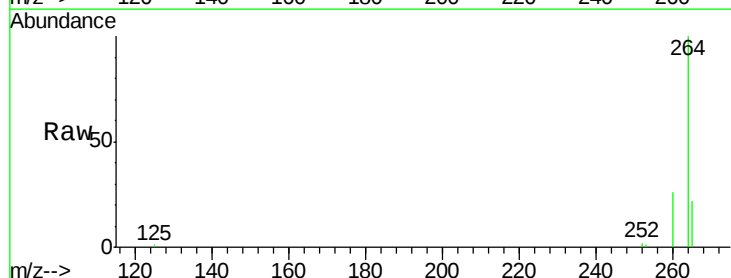
Tgt Ion:264 Resp: 49953

Ion Ratio Lower Upper

264 100

260 25.8 21.8 32.6

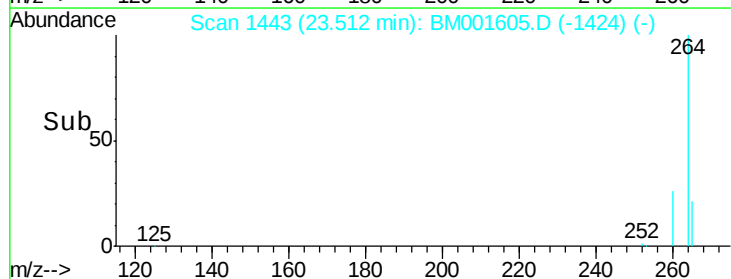
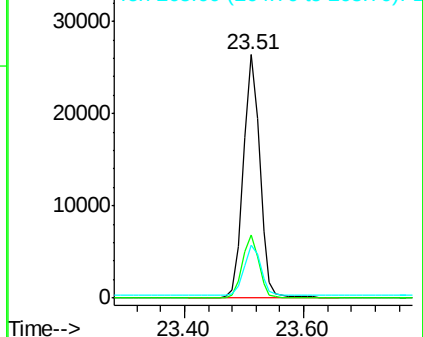
265 21.8 16.8 25.2

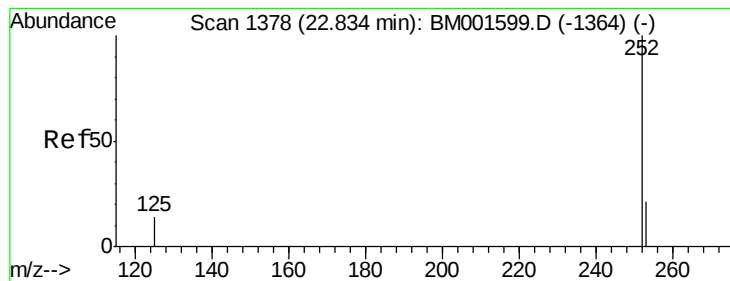


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 9.76 ng

RT: 22.83 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

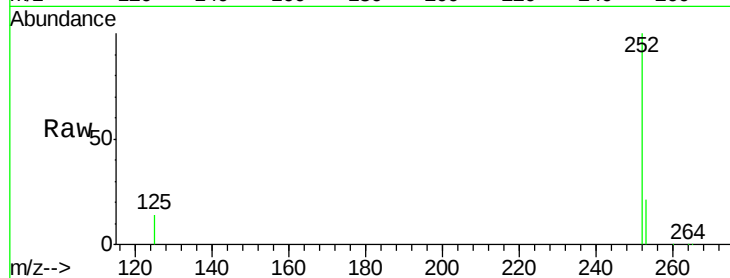
Tgt Ion:252 Resp: 146604

Ion Ratio Lower Upper

252 100

253 21.2 17.6 26.4

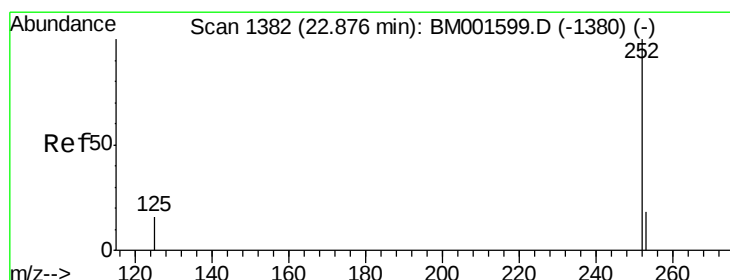
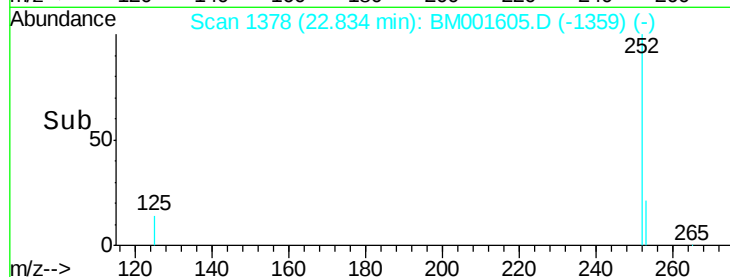
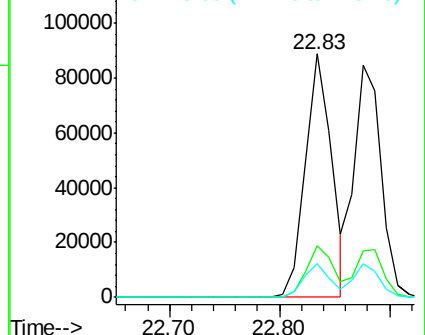
125 14.0 12.4 18.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#34

Benzo(k)fluoranthene

Concen: 9.89 ng

RT: 22.88 min Scan# 1382

Delta R.T. -0.01 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

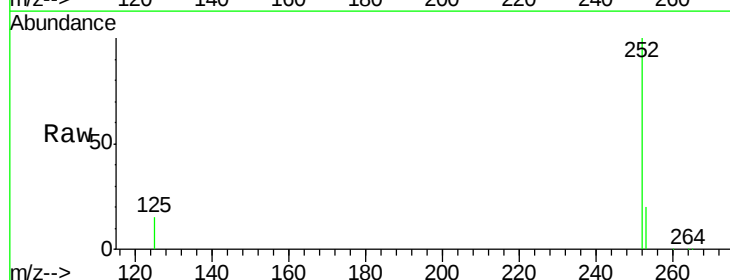
Tgt Ion:252 Resp: 143182

Ion Ratio Lower Upper

252 100

253 20.2 17.1 25.7

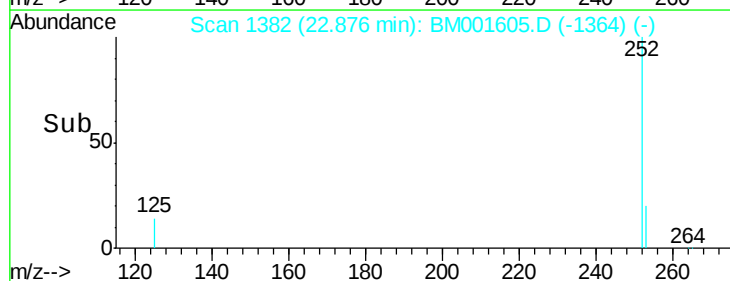
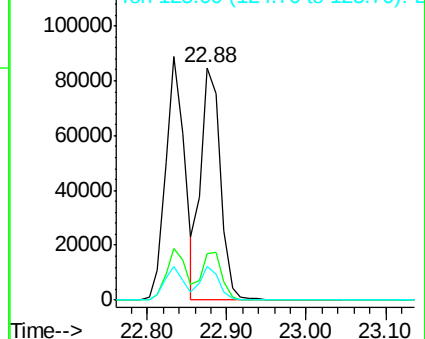
125 14.6 12.8 19.2

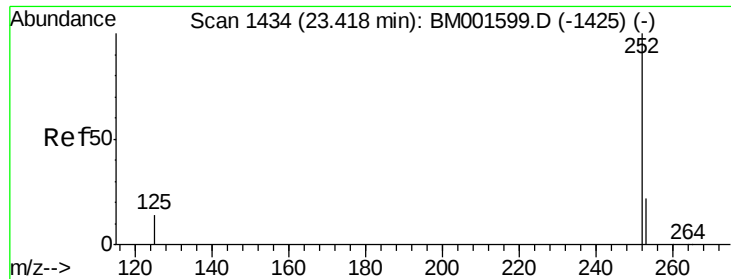


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 10.01 ng

RT: 23.41 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS

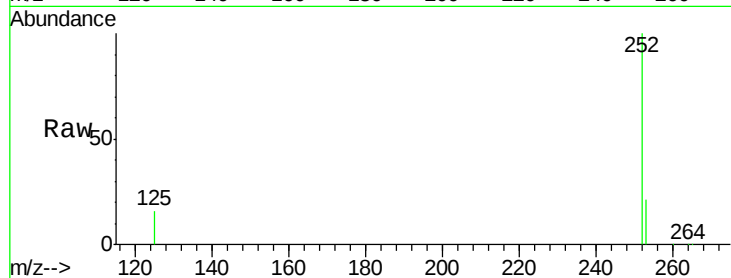
Tgt Ion:252 Resp: 132711

Ion Ratio Lower Upper

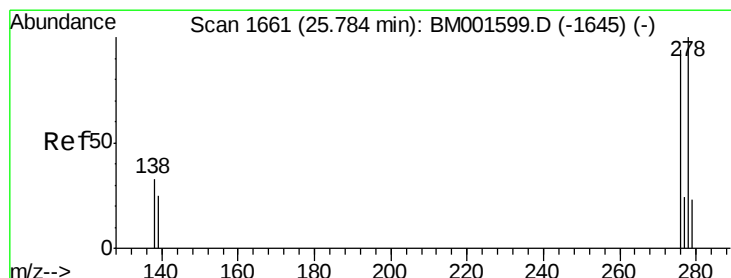
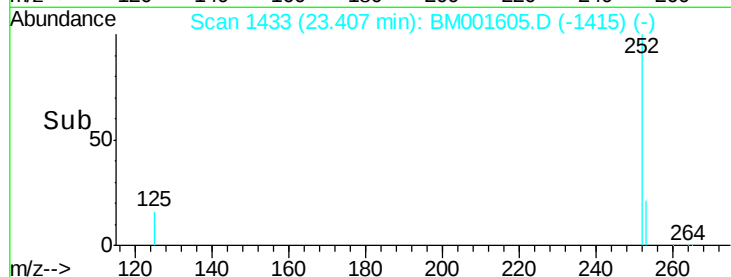
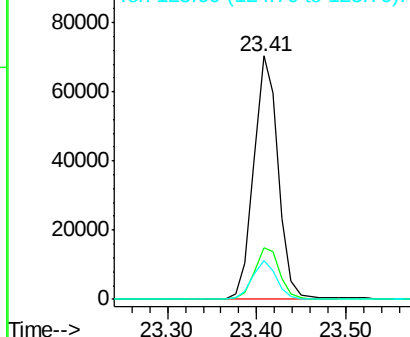
252 100

253 20.9 19.4 29.0

125 15.8 13.0 19.6



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: 9.91 ng

RT: 25.78 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BM001605.D

Acq: 09 Jun 2015 04:12

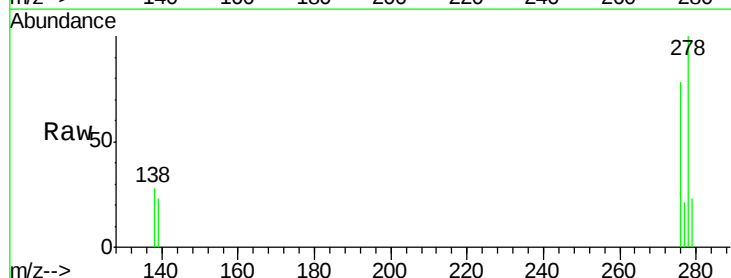
Tgt Ion:278 Resp: 120095

Ion Ratio Lower Upper

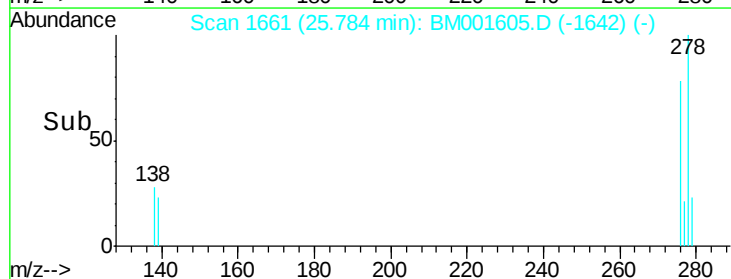
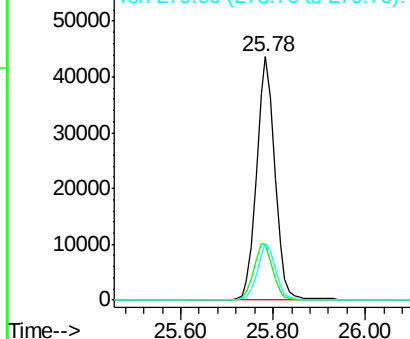
278 100

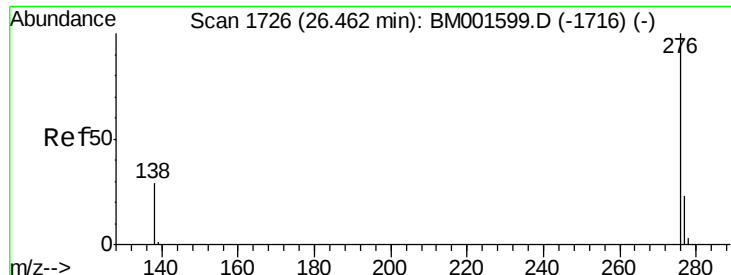
139 22.7 20.6 31.0

279 23.5 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: 9.56 ng

RT: 26.46 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BM001605.D

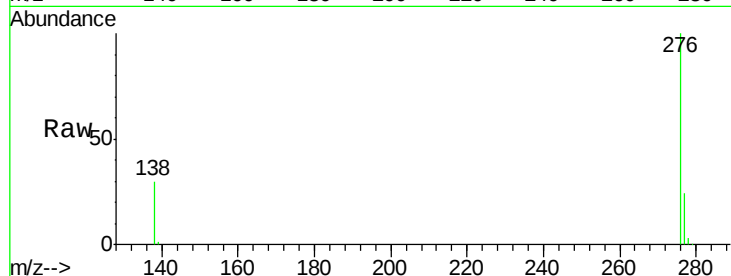
Acq: 09 Jun 2015 04:12

Instrument :

BNA_M

ClientSampleId :

PB83718BS



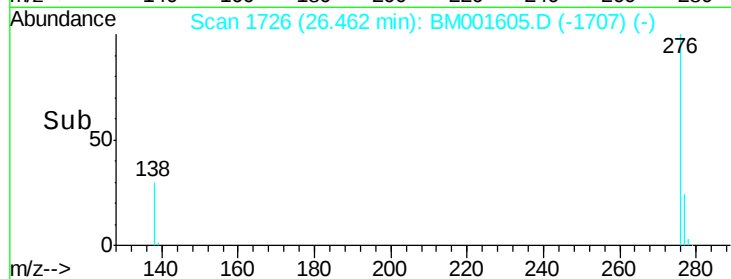
Tgt Ion: 276 Resp: 125005

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 29.8 24.5 36.7



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

