

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001622.D
 Acq On : 09 Jun 2015 19:35
 Operator : TP/IZ
 Sample : PB83893BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB83893BSD

Quant Time: Jun 10 03:30:34 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 10 03:26:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	19217	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	69352	5.00	ng	0.00
12) Acenaphthene-d10	14.34	164	32841	5.00	ng	0.00
18) Phenanthrene-d10	17.08	188	57277	5.00	ng	0.00
25) Chrysene-d12	21.27	240	58433	5.00	ng	0.00
32) Perylene-d12	23.51	264	54369	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	39975	9.15	ng	0.00
5) Phenol-d6	6.84	99	51120	9.52	ng	0.00
7) Nitrobenzene-d5	8.85	82	46641	9.54	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	14023	8.88	ng	0.00
14) 2-Fluorobiphenyl	12.95	172	88671	8.29	ng	0.00
27) Terphenyl-d14	19.72	244	62685	8.22	ng	0.00

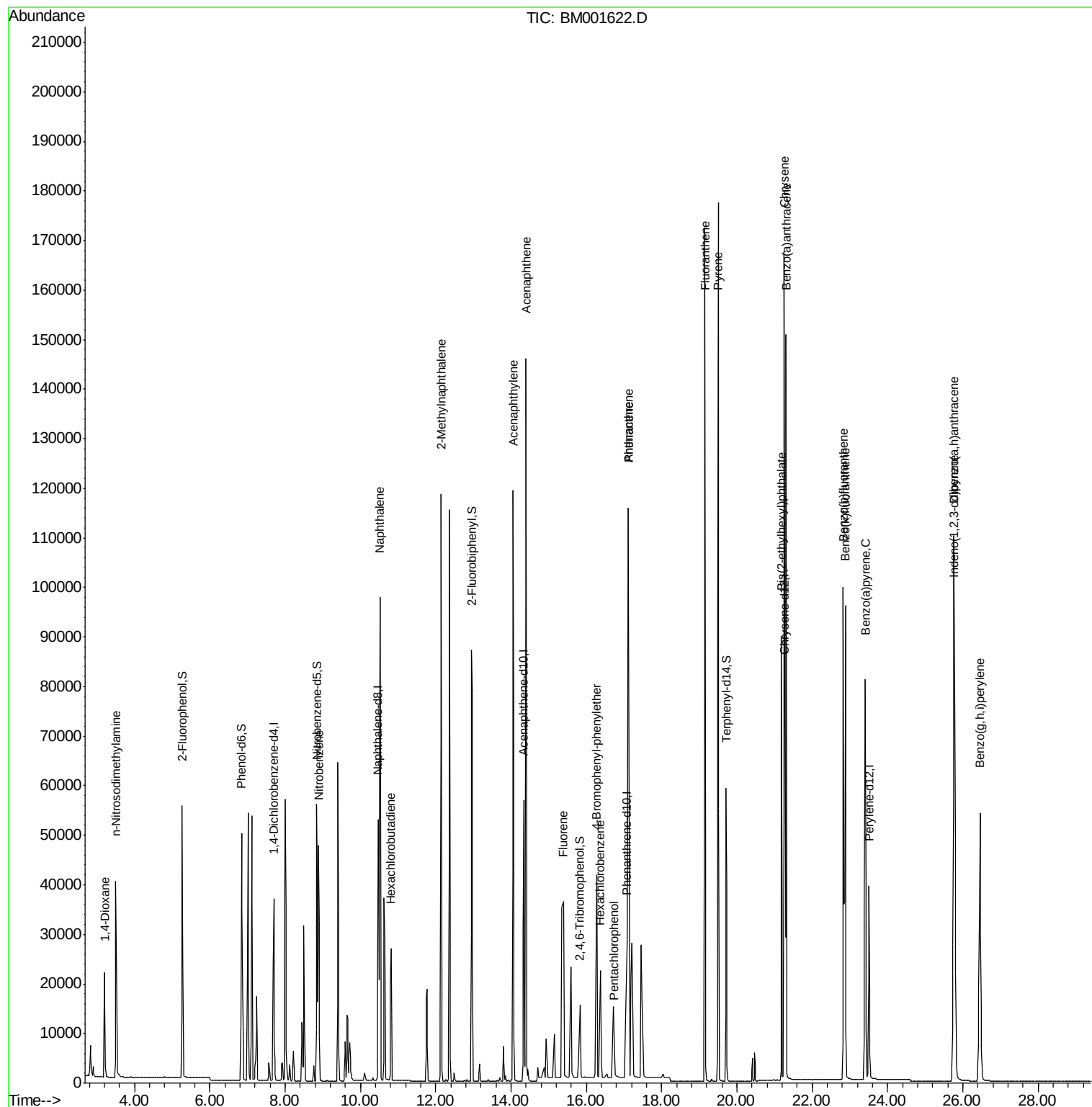
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	16039	7.59	ng	93
3) n-Nitrosodimethylamine	3.51	42	27135	8.98	ng	99
8) Nitrobenzene	8.89	77	50873	9.70	ng	98
9) Naphthalene	10.52	128	133113	8.57	ng	98
10) Hexachlorobutadiene	10.82	225	22350	8.36	ng	99
11) 2-Methylnaphthalene	12.14	142	83470	8.78	ng	98
15) Acenaphthylene	14.05	152	136514	9.26	ng	100
16) Acenaphthene	14.40	154	77554	8.36	ng	99
17) Fluorene	15.39	166	50850	8.10	ng	# 6
19) 4-Bromophenyl-phenylether	16.27	248	36132	6.65	ng	92
20) Hexachlorobenzene	16.37	284	15148	5.10	ng	# 56
21) Pentachlorophenol	16.74	266	8382	8.43	ng	# 61
22) Phenanthrene	17.12	178	177469	8.68	ng	98
23) Anthracene	17.12	178	249747	20.59	ng	# 76
24) Fluoranthene	19.15	202	148748	6.72	ng	100
26) Pyrene	19.51	202	154560	8.16	ng	100
28) Benzo(a)anthracene	21.31	228	121014	7.09	ng	99
29) Chrysene	21.26	228	146986	9.11	ng	97
30) Bis(2-ethylhexyl)phthalate	21.18	149	93133	9.44	ng	99
31) Indeno(1,2,3-cd)pyrene	25.76	276	132776	8.10	ng	99
33) Benzo(b)fluoranthene	22.83	252	126448	7.73	ng	97
34) Benzo(k)fluoranthene	22.88	252	127240	8.07	ng	96
35) Benzo(a)pyrene	23.41	252	115813	8.02	ng	97
36) Dibenzo(a,h)anthracene	25.78	278	102997	7.81	ng	97
37) Benzo(g,h,i)perylene	26.46	276	106358	7.48	ng	99

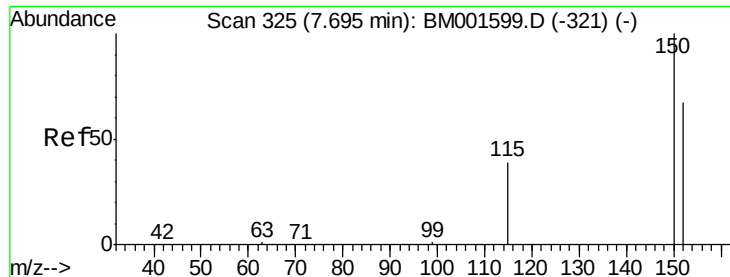
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

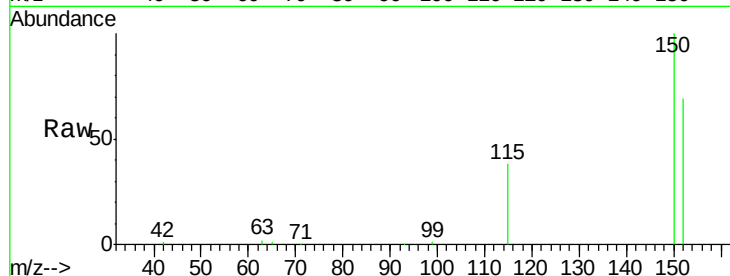
Tgt Ion:152 Resp: 19217

Ion Ratio Lower Upper

152 100

150 145.1 120.1 180.1

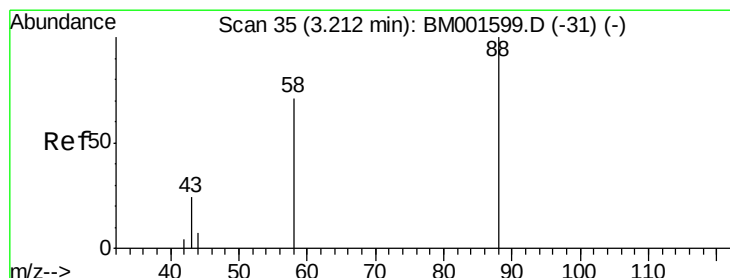
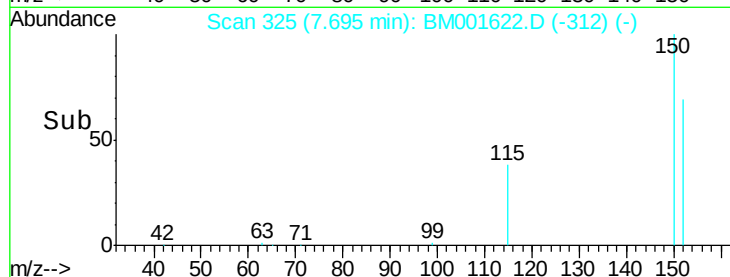
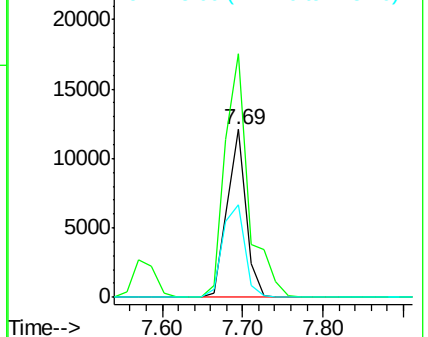
115 54.8 47.0 70.6



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: 7.59 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

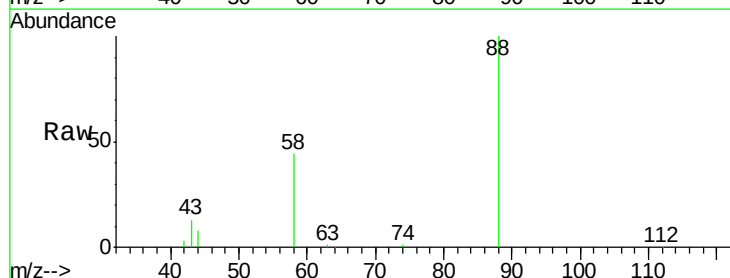
Tgt Ion: 88 Resp: 16039

Ion Ratio Lower Upper

88 100

58 90.2 65.5 98.3

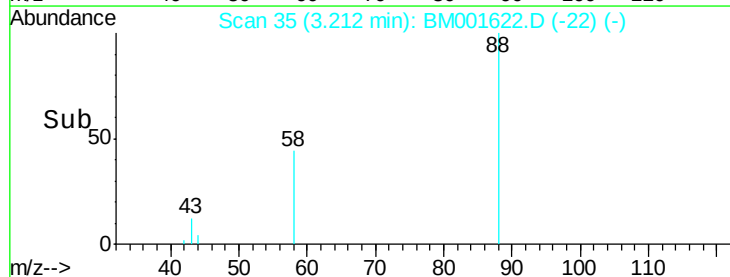
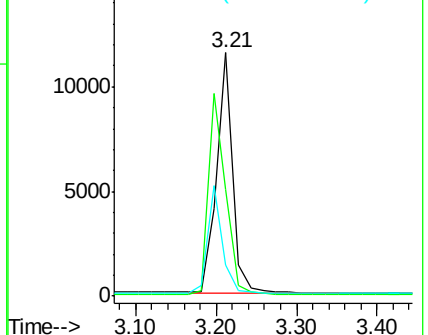
43 41.3 32.2 48.2

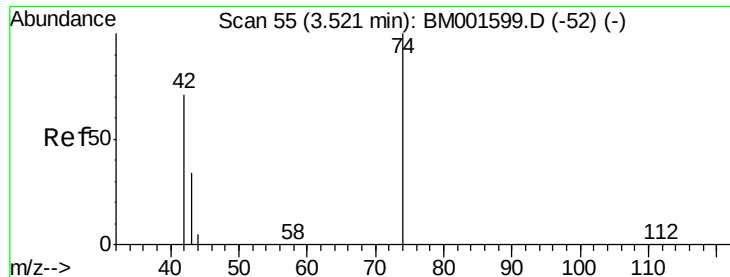


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 8.98 ng

RT: 3.51 min Scan# 54

Delta R.T. -0.00 min

Lab File: BM001622.D

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Instrument :

BNA_M

ClientSampleId :

PB83893BSD

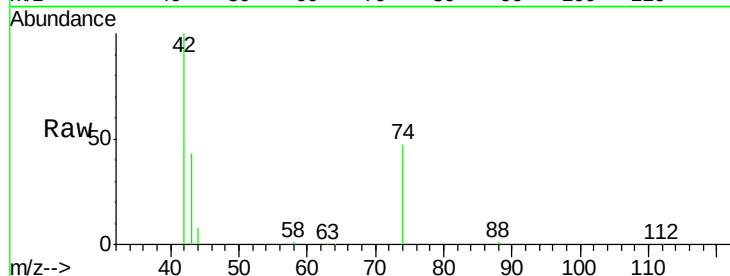
Tgt Ion: 42 Resp: 27135

Ion Ratio Lower Upper

42 100

74 98.7 79.5 119.3

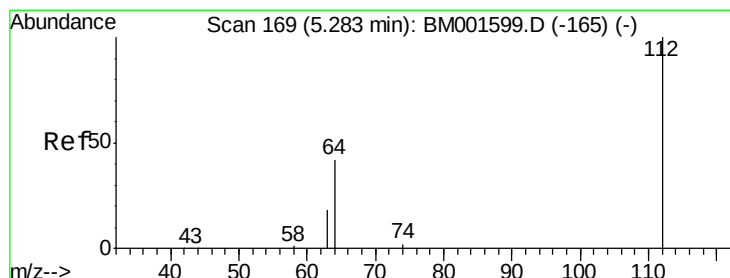
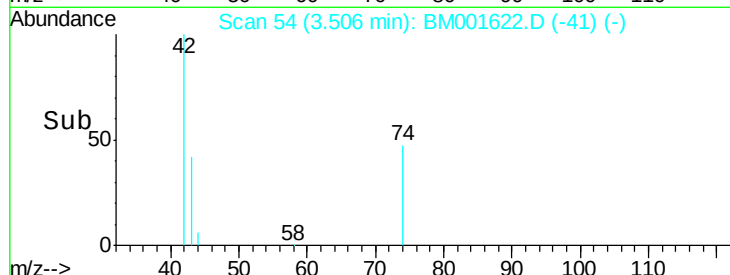
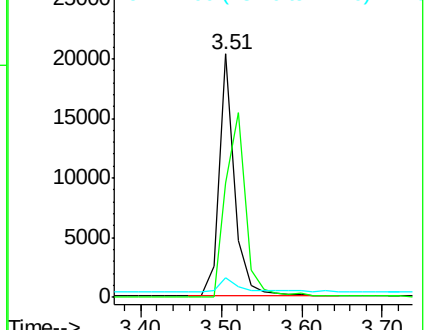
44 6.2 5.7 8.5



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: 9.15 ng

RT: 5.27 min Scan# 168

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

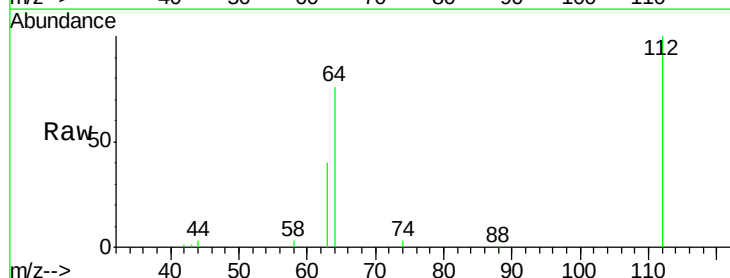
Tgt Ion: 112 Resp: 39975

Ion Ratio Lower Upper

112 100

64 68.2 54.8 82.2

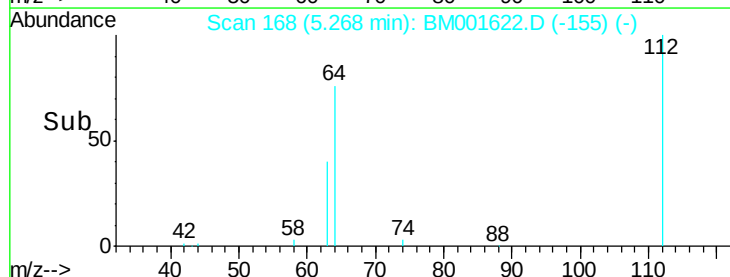
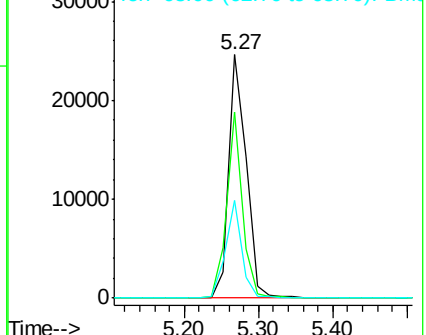
63 36.9 30.5 45.7

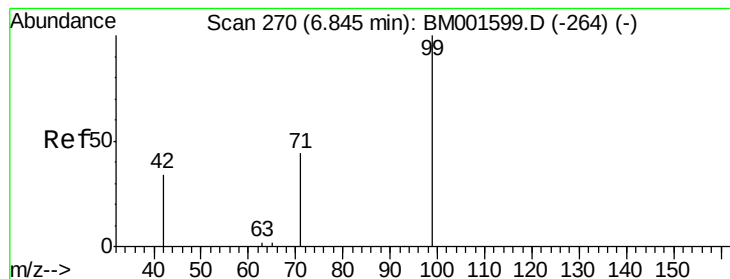


Abundance Ion 112.00 (111.70 to 112.70): BM001599.D (-165) (-)

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: 9.52 ng

RT: 6.84 min Scan# 270

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

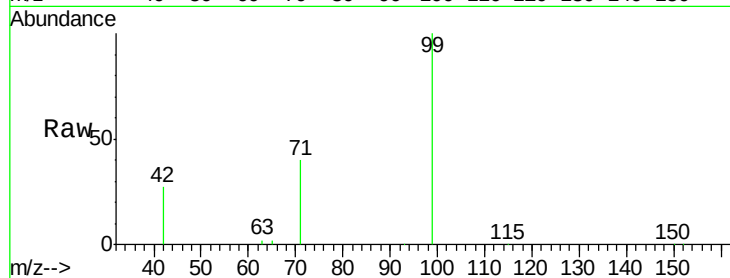
Tgt Ion: 99 Resp: 51120

Ion Ratio Lower Upper

99 100

42 26.0 21.6 32.4

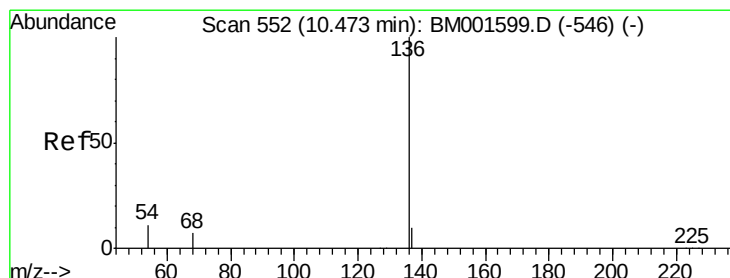
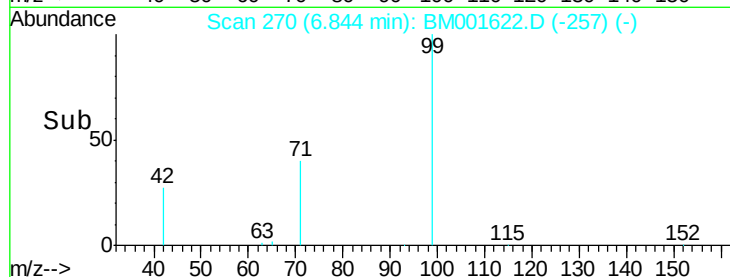
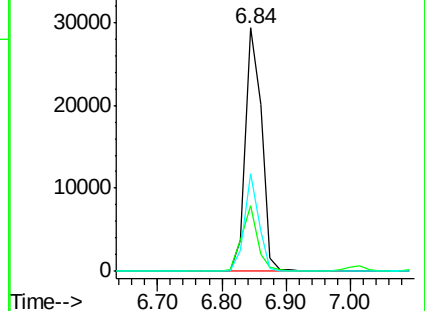
71 35.4 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001599.D (-264) (-)

Ion 42.00 (41.70 to 42.70): BM001599.D (-264) (-)

Ion 71.00 (70.70 to 71.70): BM001599.D (-264) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Tgt Ion: 136 Resp: 69352

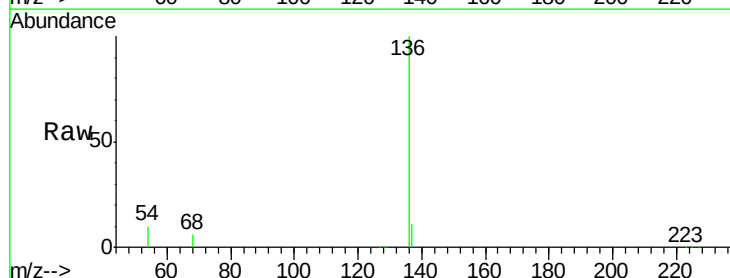
Ion Ratio Lower Upper

136 100

137 10.7 8.3 12.5

54 10.0 9.2 13.8

68 6.3 5.5 8.3

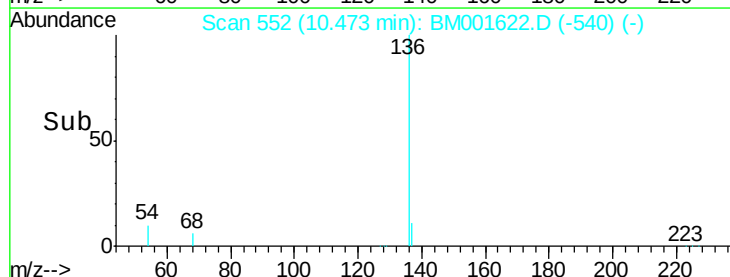
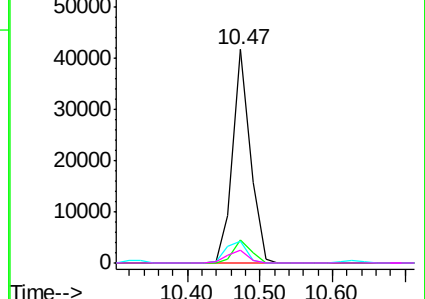


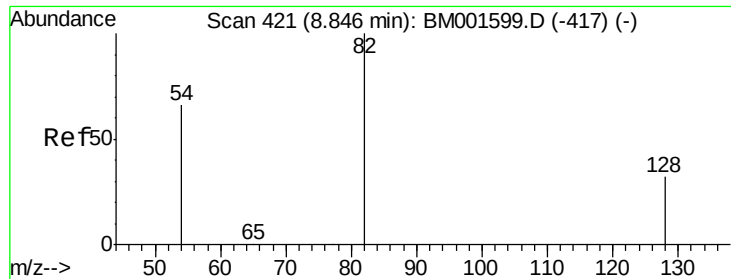
Abundance Ion 136.00 (135.70 to 136.70): BM001599.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001599.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001599.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 9.54 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

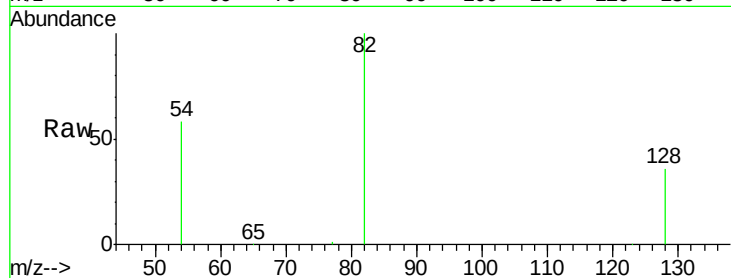
Tgt Ion: 82 Resp: 46641

Ion Ratio Lower Upper

82 100

128 36.1 26.6 40.0

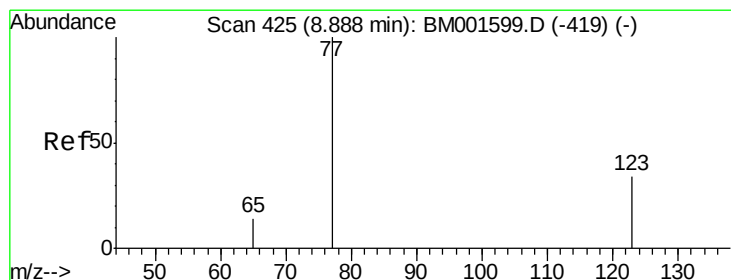
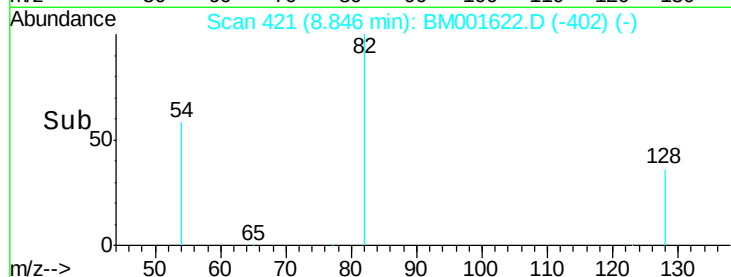
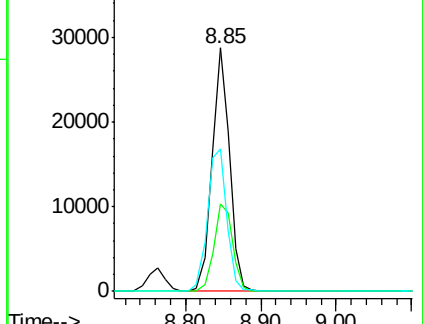
54 58.5 53.0 79.6



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) (-)



#8

Nitrobenzene

Concen: 9.70 ng

RT: 8.89 min Scan# 425

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

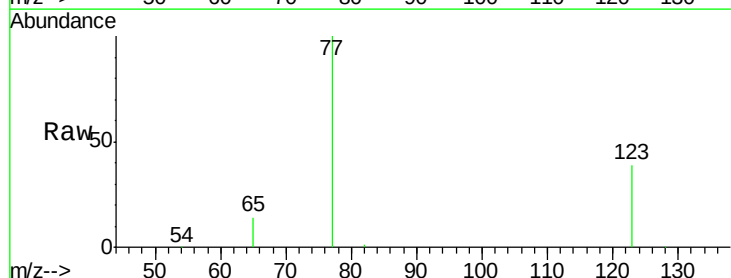
Tgt Ion: 77 Resp: 50873

Ion Ratio Lower Upper

77 100

123 40.3 31.0 46.6

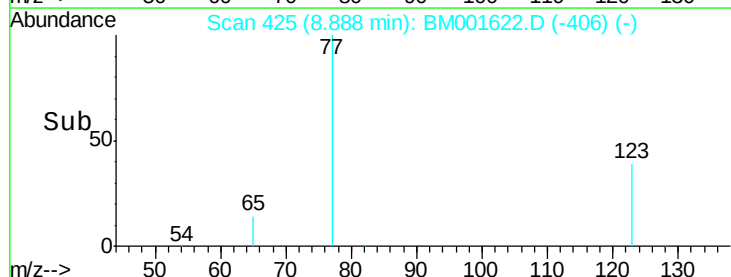
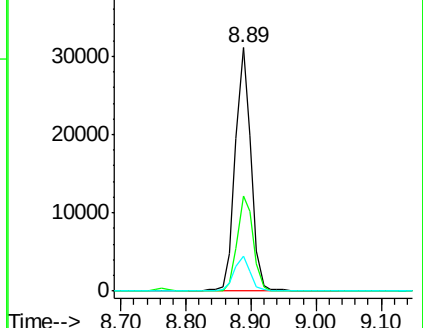
65 14.4 11.4 17.0

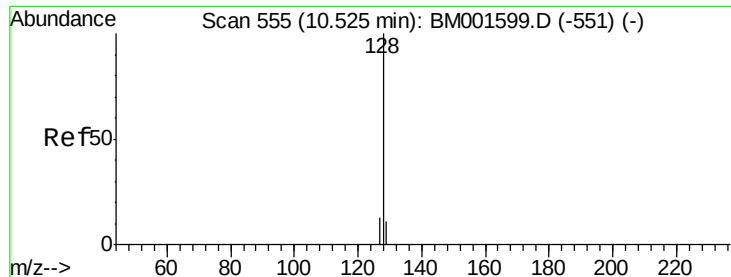


Abundance Ion 77.00 (76.70 to 77.70): BM001599.D (-419) (-)

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

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





#9

Naphthalene

Concen: 8.57 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

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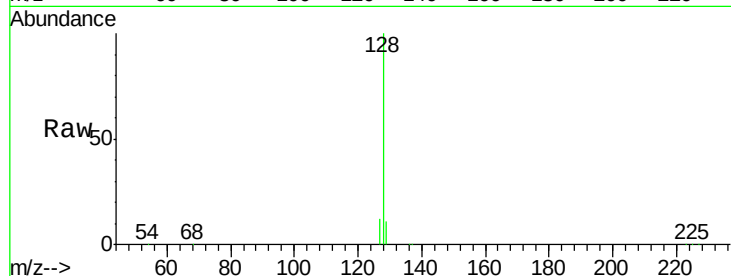
Tgt Ion:128 Resp: 133113

Ion Ratio Lower Upper

128 100

129 11.1 9.1 13.7

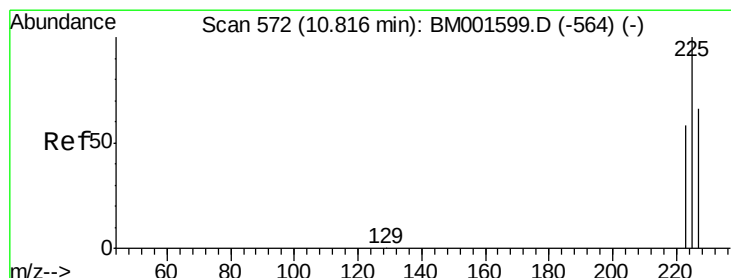
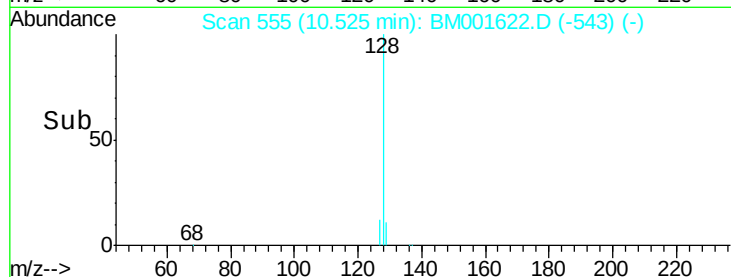
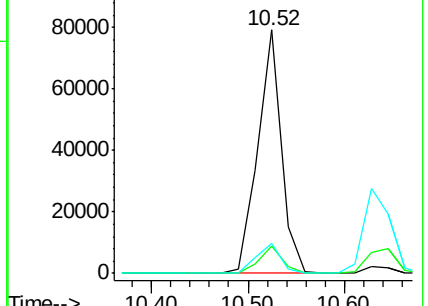
127 12.1 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 8.36 ng

RT: 10.82 min Scan# 572

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

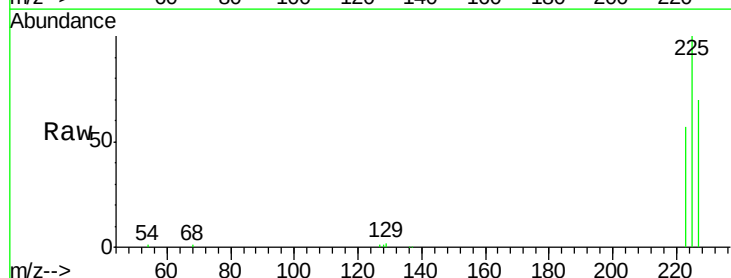
Tgt Ion:225 Resp: 22350

Ion Ratio Lower Upper

225 100

223 63.1 49.8 74.8

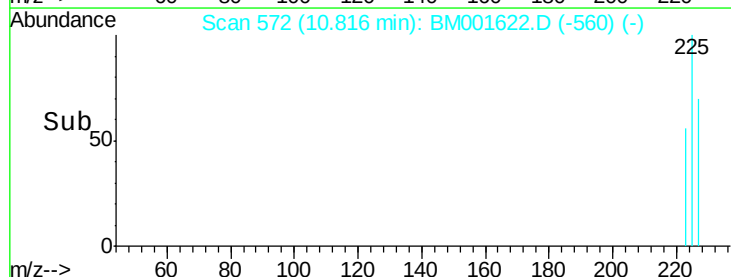
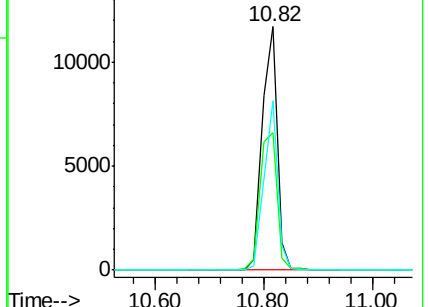
227 63.6 50.9 76.3

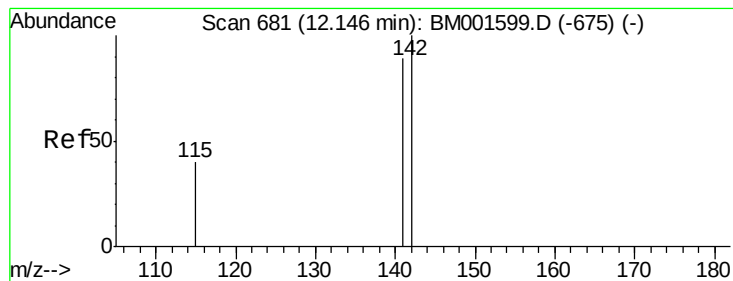


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 8.78 ng

RT: 12.14 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

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PB83893BSD

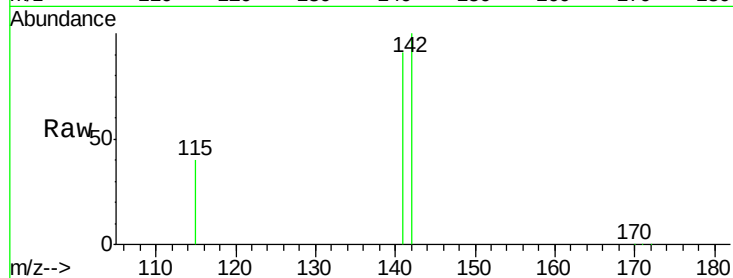
Tgt Ion:142 Resp: 83470

Ion Ratio Lower Upper

142 100

141 91.1 71.3 106.9

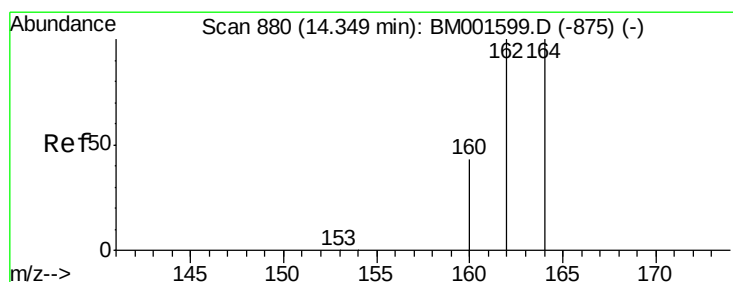
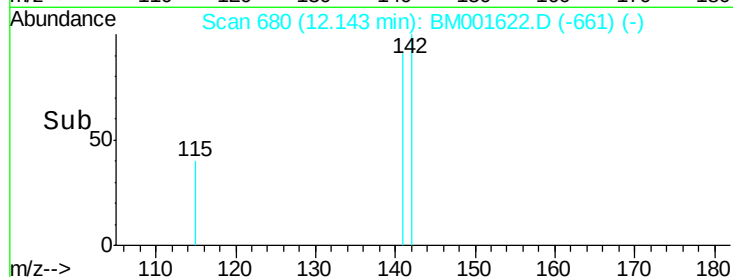
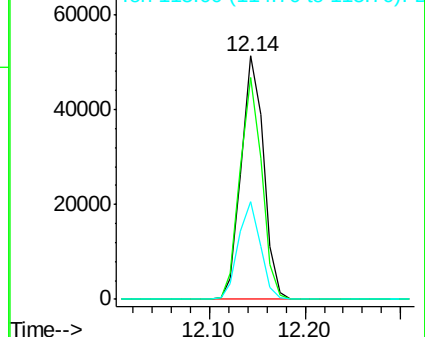
115 40.2 32.1 48.1



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: 14.34 min Scan# 879

Delta R.T. -0.01 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

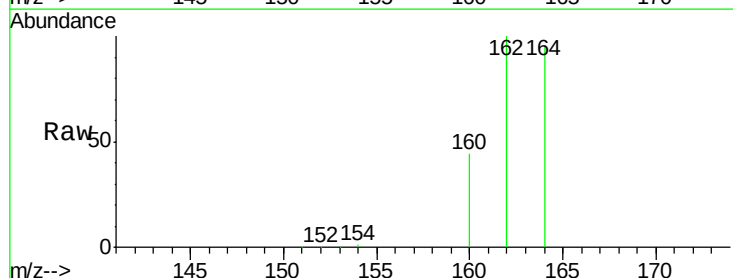
Tgt Ion:164 Resp: 32841

Ion Ratio Lower Upper

164 100

162 104.1 79.8 119.6

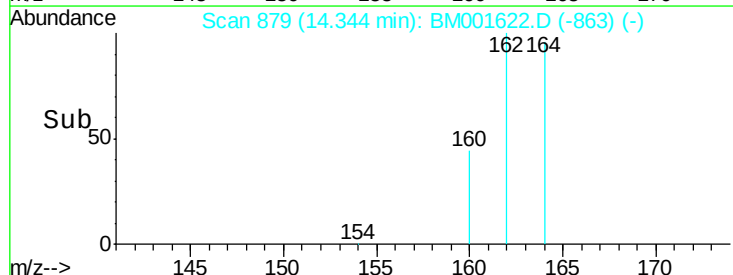
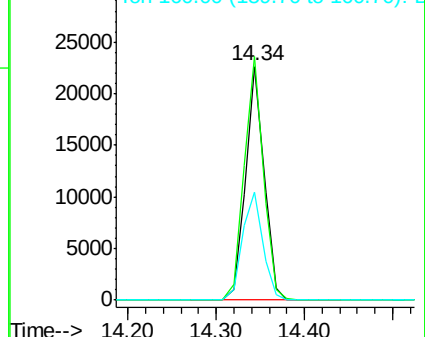
160 46.3 34.6 51.8

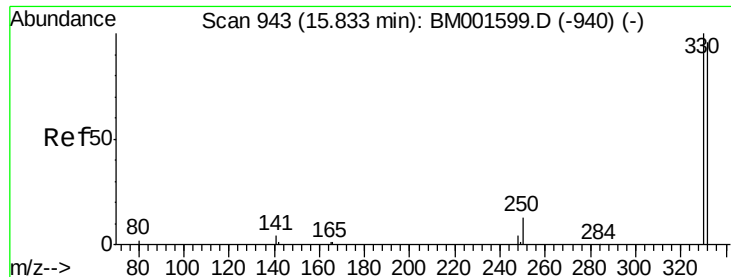


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

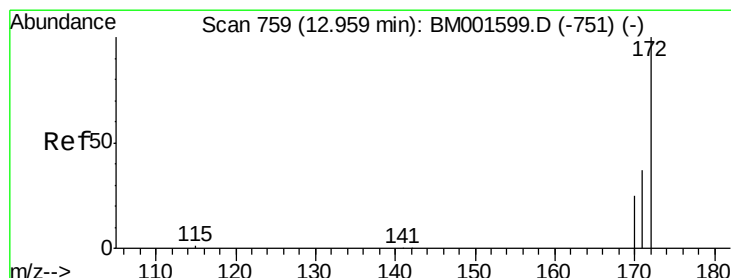
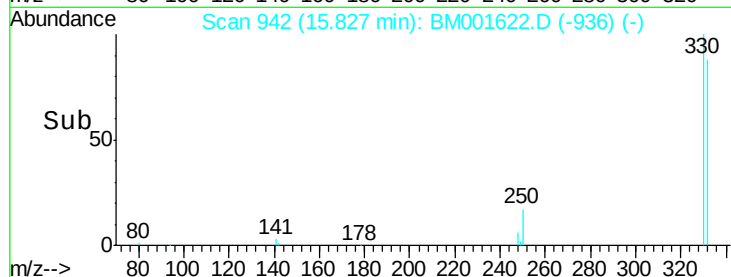
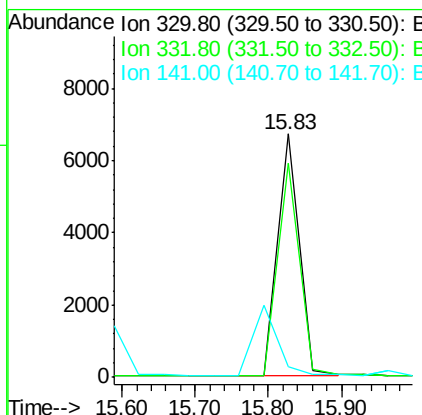
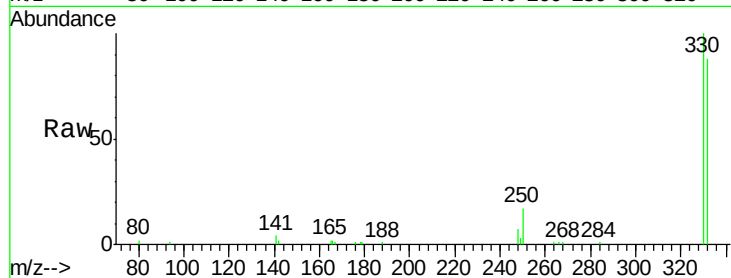




#13
 2,4,6-Tribromophenol
 Concen: 8.88 ng
 RT: 15.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: BM001622.D
 Acq: 09 Jun 2015 19:35

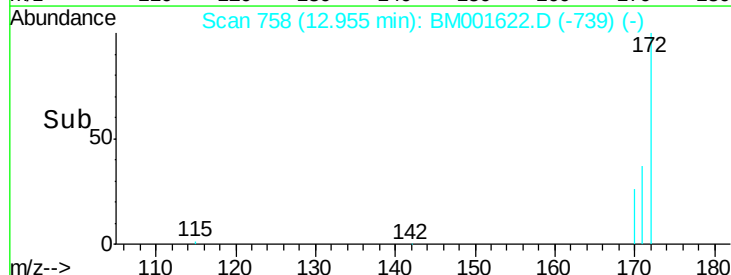
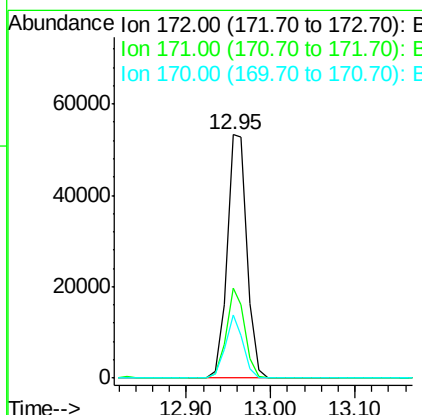
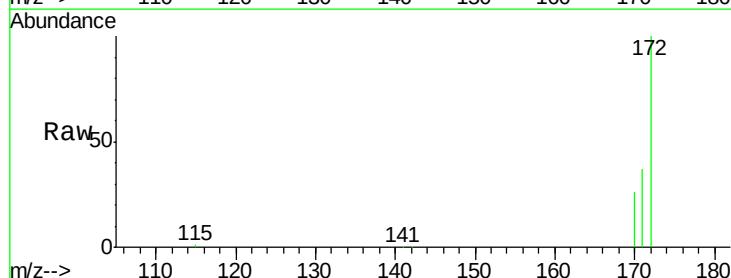
Instrument :
 BNA_M
 ClientSampleId :
 PB83893BSD

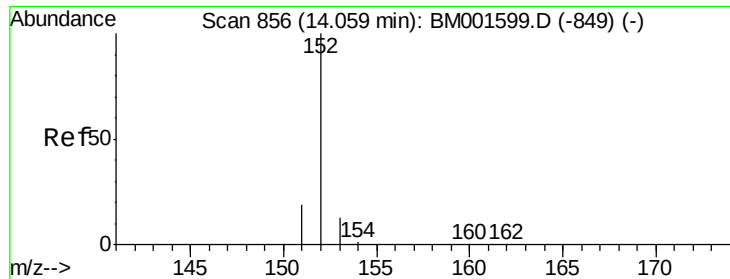
Tgt Ion:330 Resp: 14023
 Ion Ratio Lower Upper
 330 100
 332 88.5 76.7 115.1
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 8.29 ng
 RT: 12.95 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BM001622.D
 Acq: 09 Jun 2015 19:35

Tgt Ion:172 Resp: 88671
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.6 44.4
 170 26.0 20.6 31.0

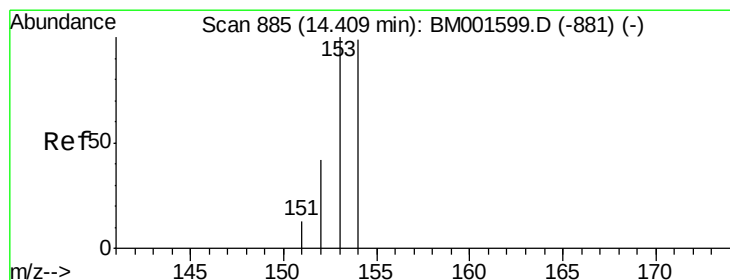
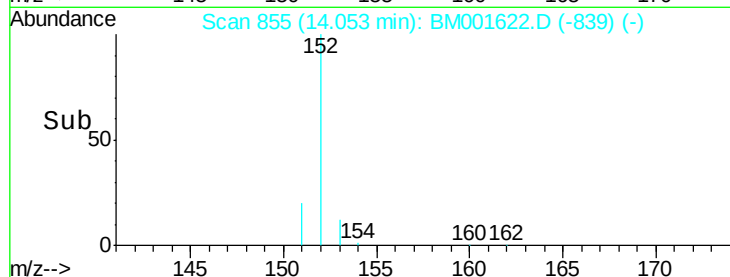
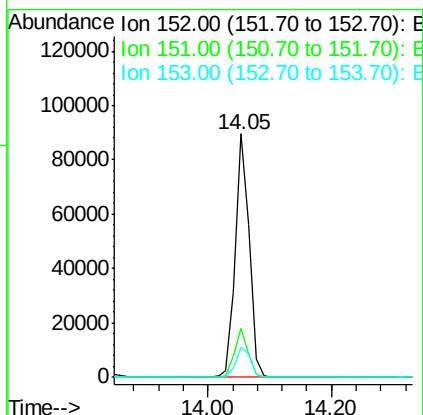
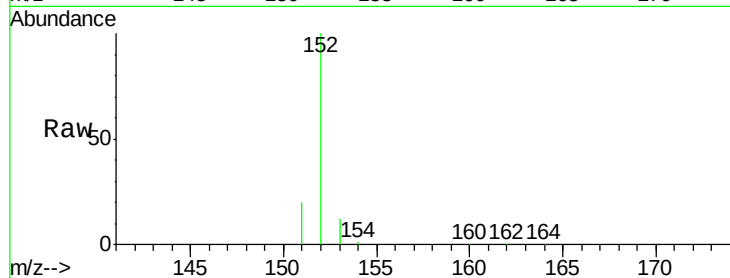




#15
Acenaphthylene
Concen: 9.26 ng
RT: 14.05 min Scan# 855
Delta R.T. -0.01 min
Lab File: BM001622.D
Acq: 09 Jun 2015 19:35

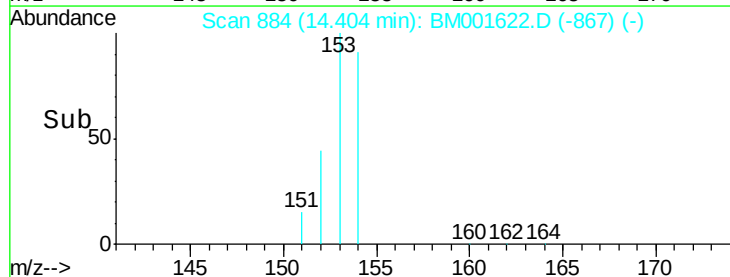
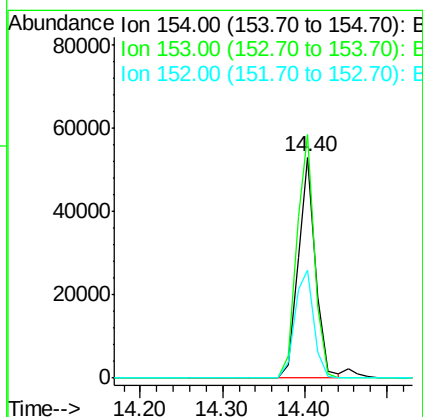
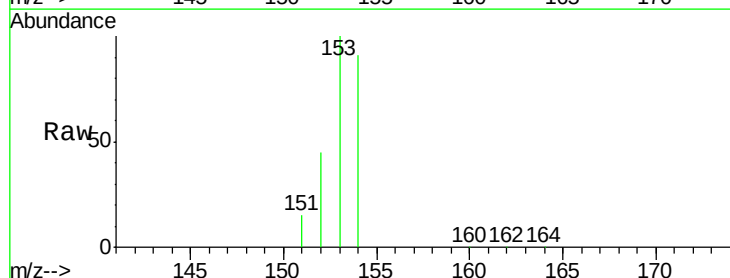
Instrument :
BNA_M
ClientSampleId :
PB83893BSD

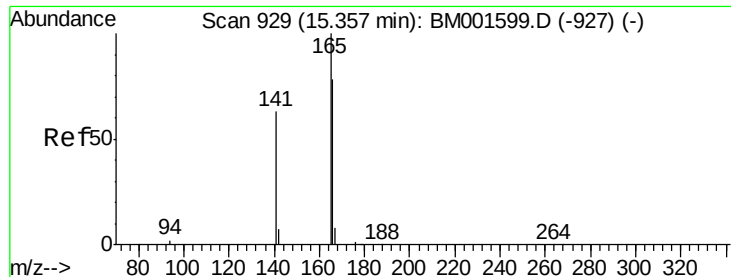
Tgt Ion: 152 Resp: 136514
Ion Ratio Lower Upper
152 100
151 19.2 15.5 23.3
153 12.9 10.3 15.5



#16
Acenaphthene
Concen: 8.36 ng
RT: 14.40 min Scan# 884
Delta R.T. 0.01 min
Lab File: BM001622.D
Acq: 09 Jun 2015 19:35

Tgt Ion: 154 Resp: 77554
Ion Ratio Lower Upper
154 100
153 112.6 89.4 134.0
152 53.9 43.6 65.4

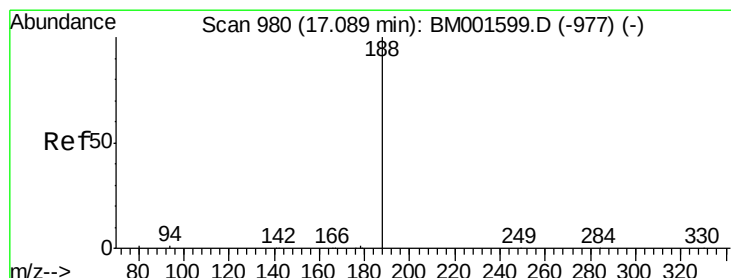
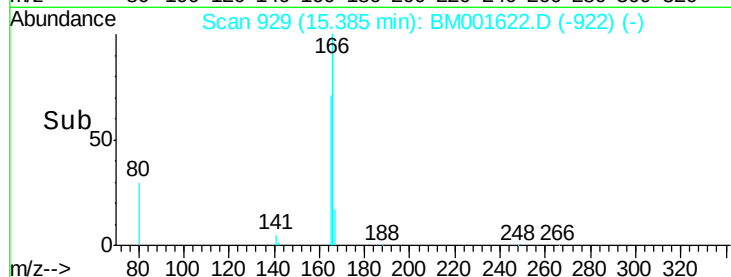
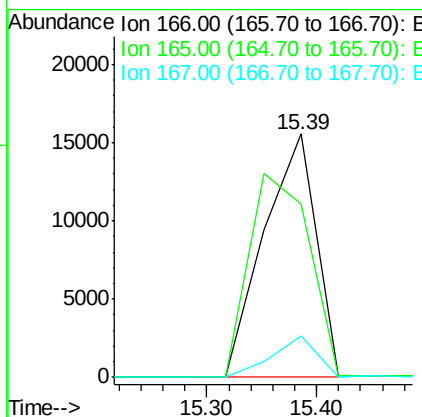
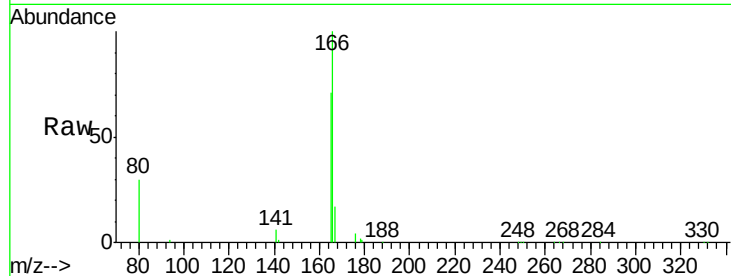




#17
Fluorene
 Concen: 8.10 ng
 RT: 15.39 min Scan# 929
 Delta R.T. 0.03 min
 Lab File: BM001622.D
 Acq: 09 Jun 2015 19:35

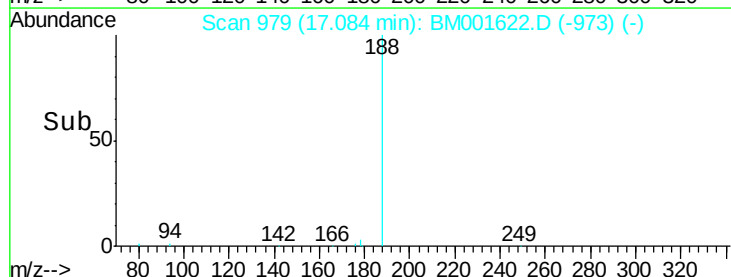
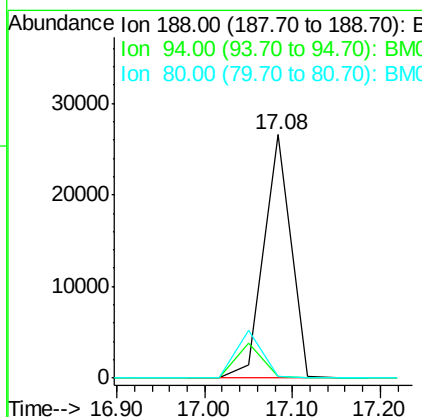
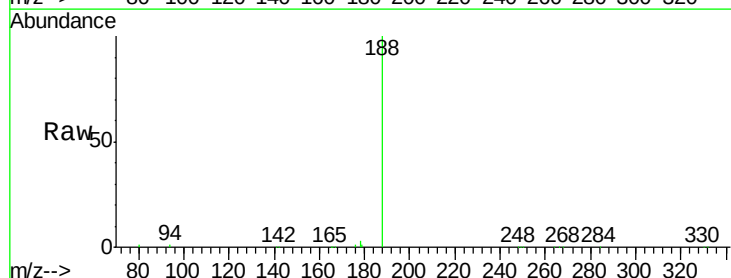
Instrument :
 BNA_M
 ClientSampleId :
 PB83893BSD

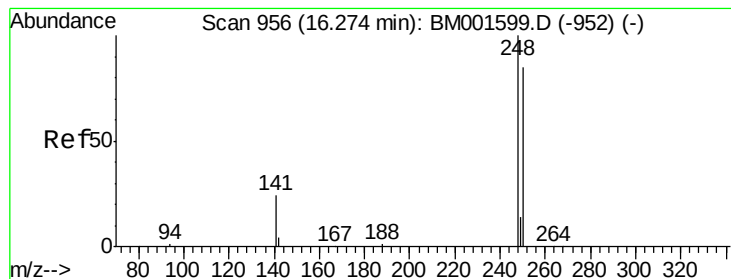
Tgt Ion:166 Resp: 50850
 Ion Ratio Lower Upper
 166 100
 165 0.0 87.8 131.8#
 167 14.2 10.0 15.0



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.08 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BM001622.D
 Acq: 09 Jun 2015 19:35

Tgt Ion:188 Resp: 57277
 Ion Ratio Lower Upper
 188 100
 94 0.9 1.0 1.6#
 80 0.8 1.0 1.4#





#19

4-Bromophenyl-phenylether

Concen: 6.65 ng

RT: 16.27 min Scan# 955

Delta R.T. -0.01 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

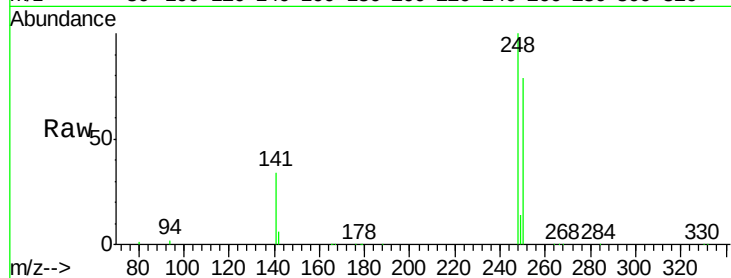
Tgt Ion:248 Resp: 36132

Ion Ratio Lower Upper

248 100

250 79.4 68.6 103.0

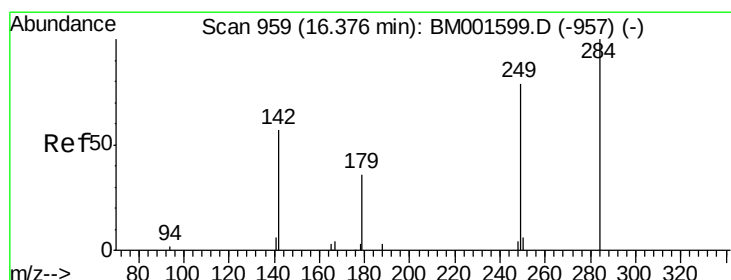
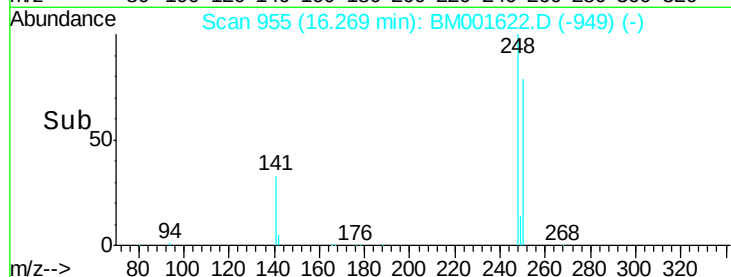
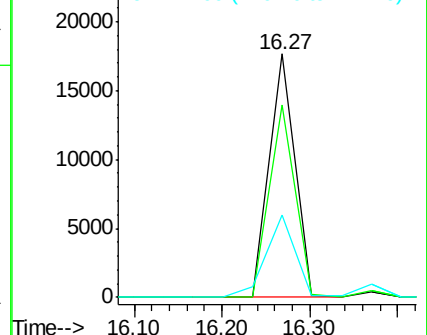
141 37.3 25.5 38.3



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: 5.10 ng

RT: 16.37 min Scan# 958

Delta R.T. -0.01 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

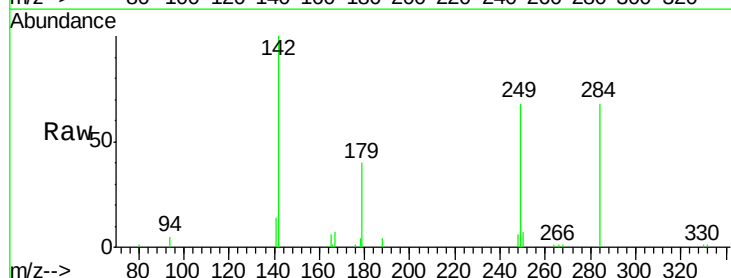
Tgt Ion:284 Resp: 15148

Ion Ratio Lower Upper

284 100

142 105.7 47.3 70.9#

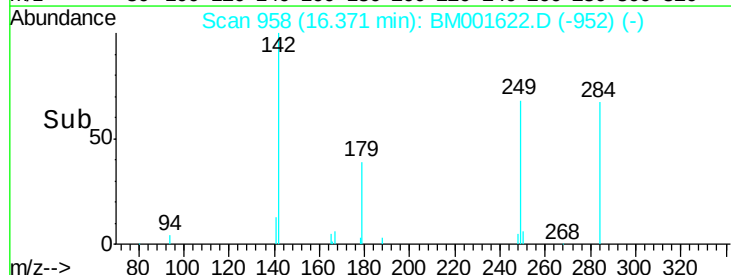
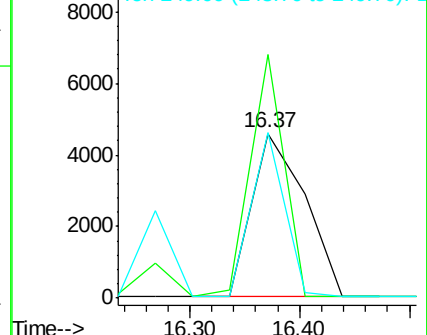
249 63.3 75.8 113.6#

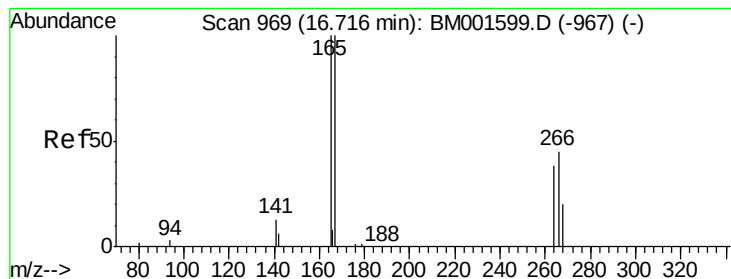


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 8.43 ng

RT: 16.74 min Scan# 969

Delta R.T. 0.03 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

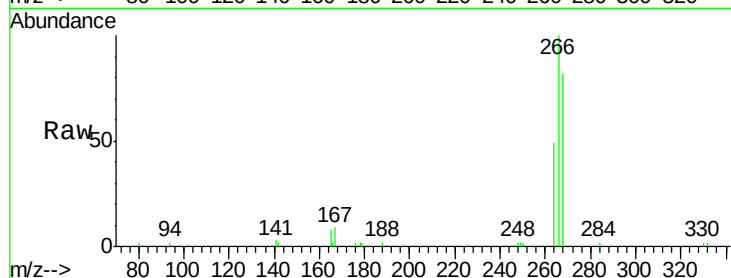
Tgt Ion:266 Resp: 8382

Ion Ratio Lower Upper

266 100

268 82.4 45.8 68.8#

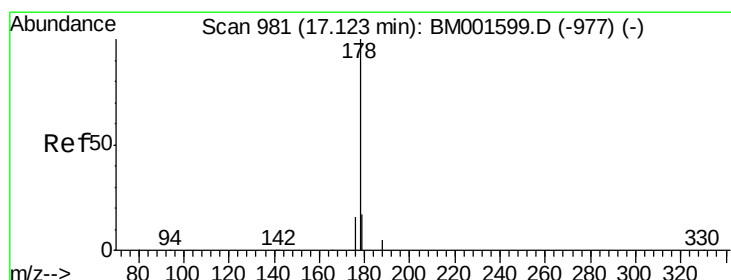
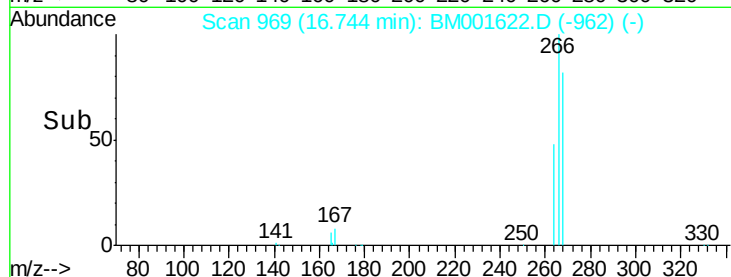
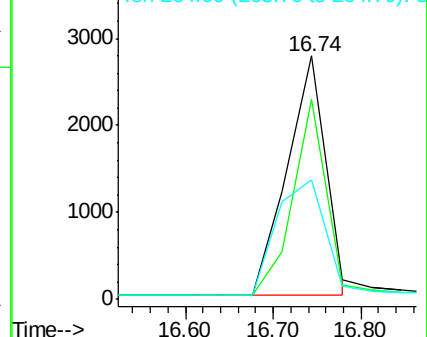
264 48.8 70.6 106.0#



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: 8.68 ng

RT: 17.12 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

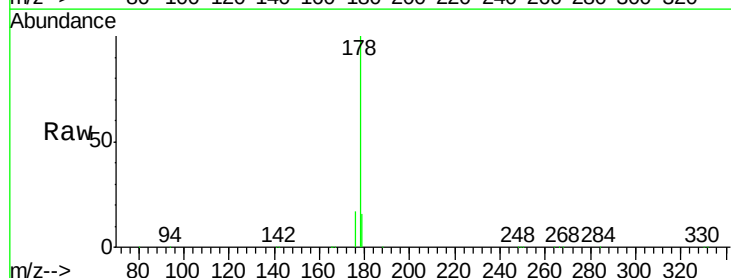
Tgt Ion:178 Resp: 177469

Ion Ratio Lower Upper

178 100

176 17.3 13.2 19.8

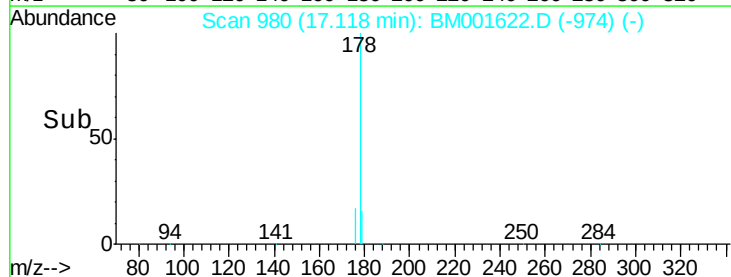
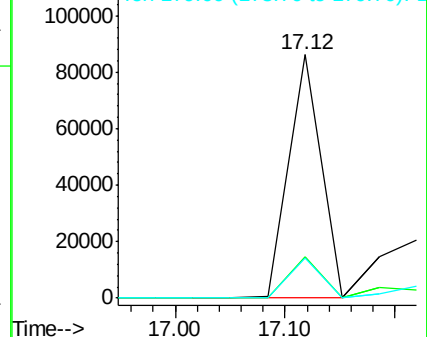
179 16.2 13.8 20.8

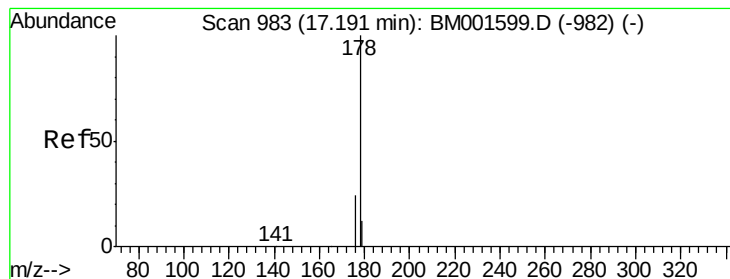


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 20.59 ng

RT: 17.12 min Scan# 980

Delta R.T. -0.07 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

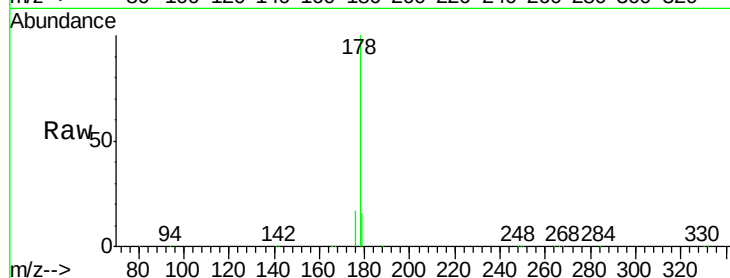
Tgt Ion:178 Resp: 249747

Ion Ratio Lower Upper

178 100

176 17.7 21.9 32.9#

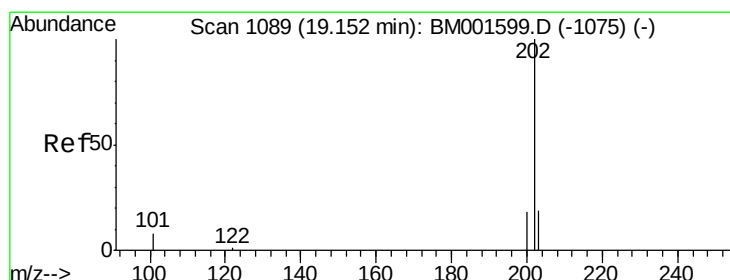
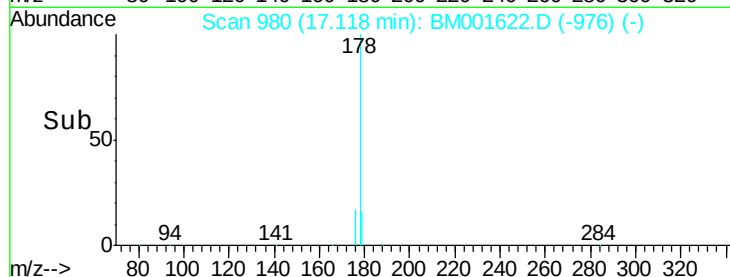
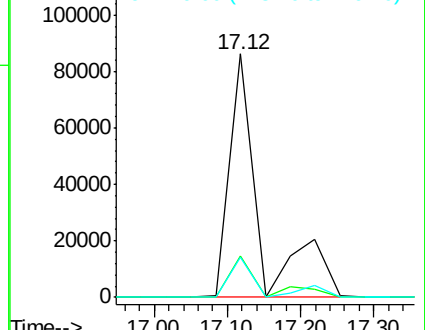
179 12.9 23.0 34.4#



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



#24

Fluoranthene

Concen: 6.72 ng

RT: 19.15 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

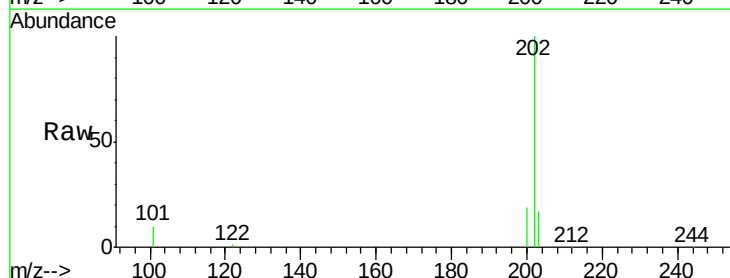
Tgt Ion:202 Resp: 148748

Ion Ratio Lower Upper

202 100

101 13.1 10.4 15.6

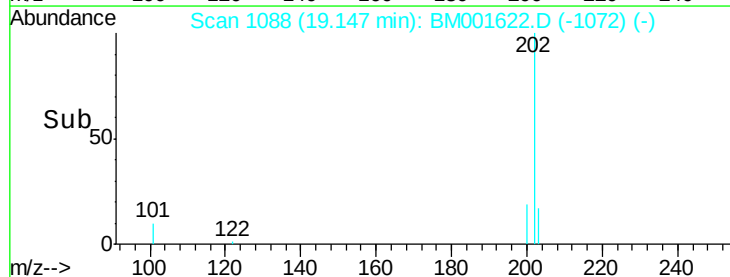
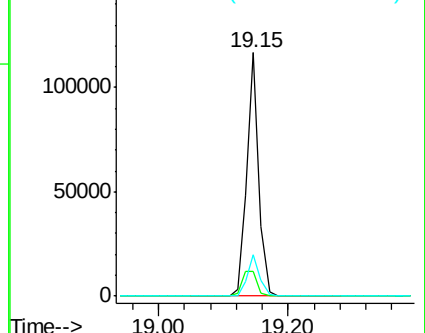
203 17.3 13.8 20.6

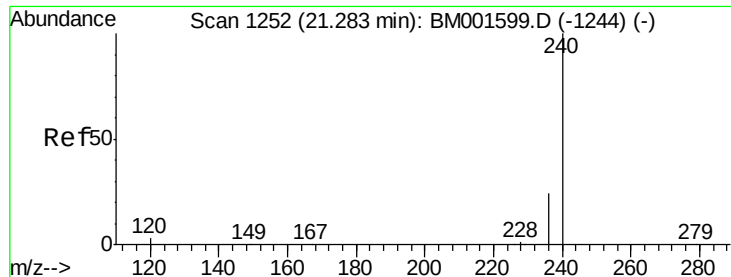


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

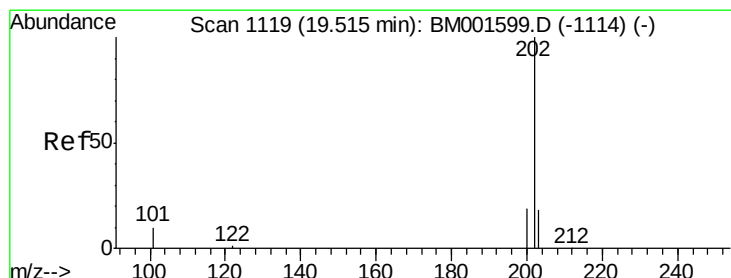
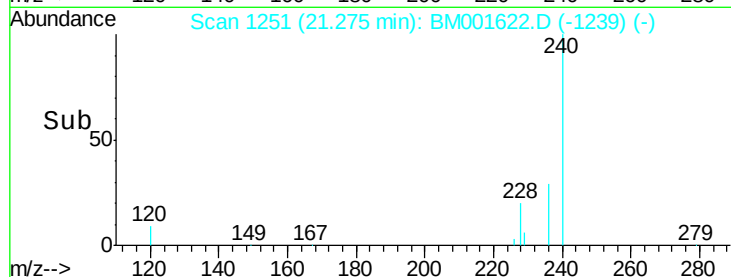
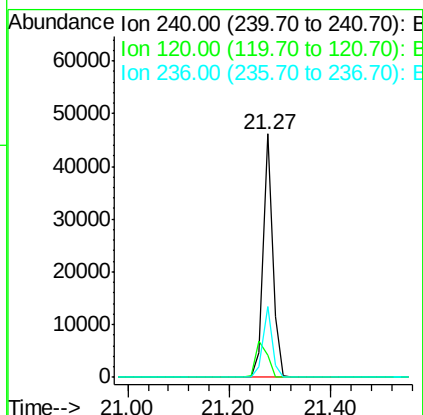
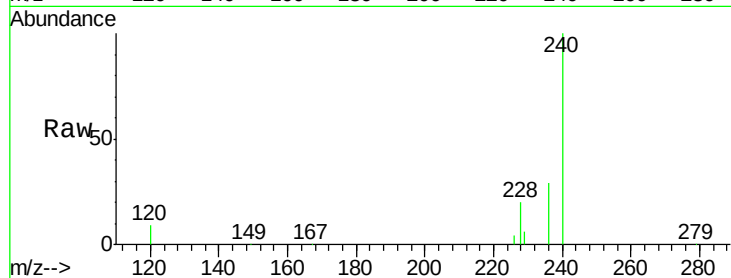




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM001622.D
Acq: 09 Jun 2015 19:35

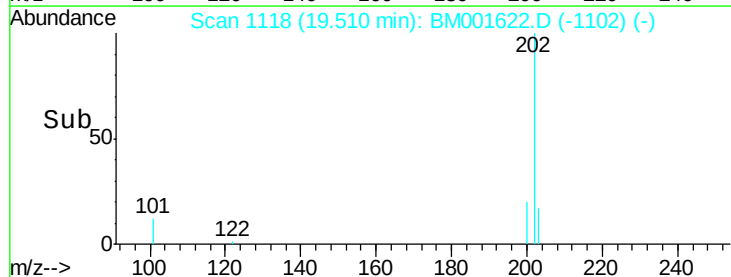
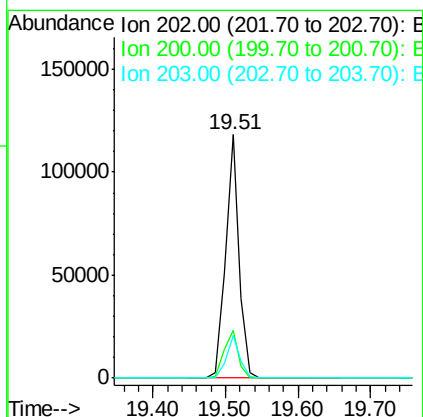
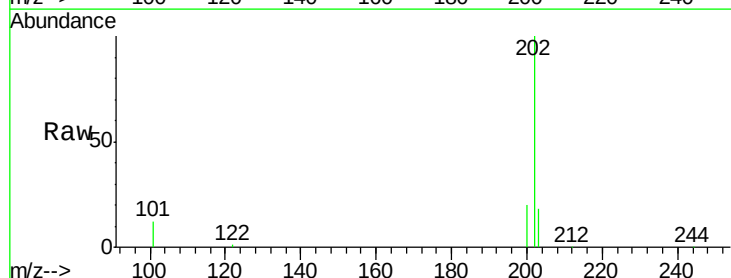
Instrument :
BNA_M
ClientSampleId :
PB83893BSD

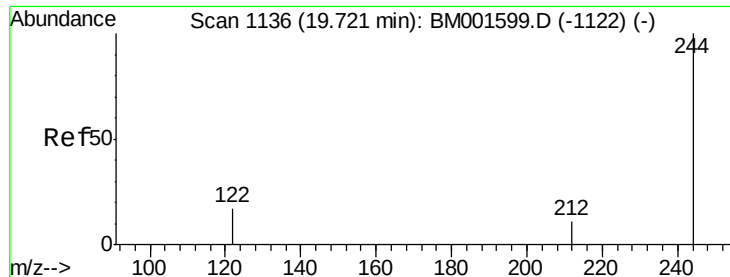
Tgt Ion:240 Resp: 58433
Ion Ratio Lower Upper
240 100
120 9.0 2.2 3.4#
236 29.1 19.6 29.4



#26
Pyrene
Concen: 8.16 ng
RT: 19.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BM001622.D
Acq: 09 Jun 2015 19:35

Tgt Ion:202 Resp: 154560
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.4 14.0 21.0





#27

Terphenyl-d14

Concen: 8.22 ng

RT: 19.72 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

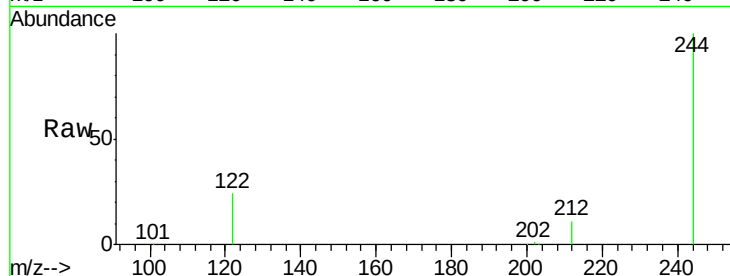
Tgt Ion:244 Resp: 62685

Ion Ratio Lower Upper

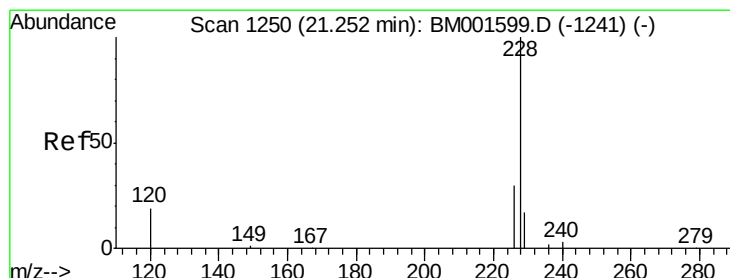
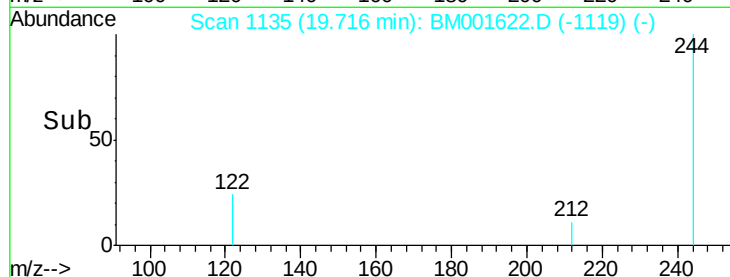
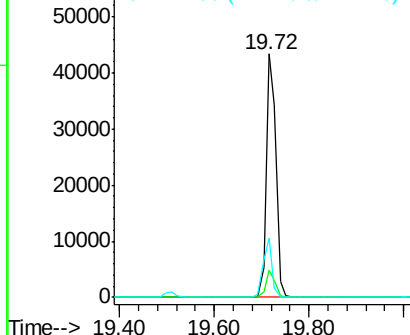
244 100

212 11.3 9.2 13.8

122 24.2 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: 7.09 ng

RT: 21.31 min Scan# 1253

Delta R.T. 0.05 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

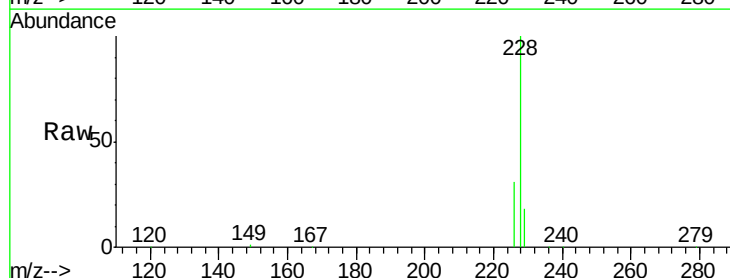
Tgt Ion:228 Resp: 121014

Ion Ratio Lower Upper

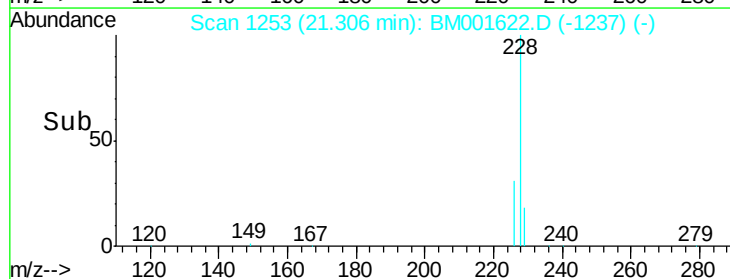
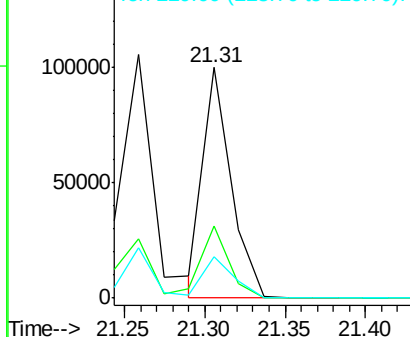
228 100

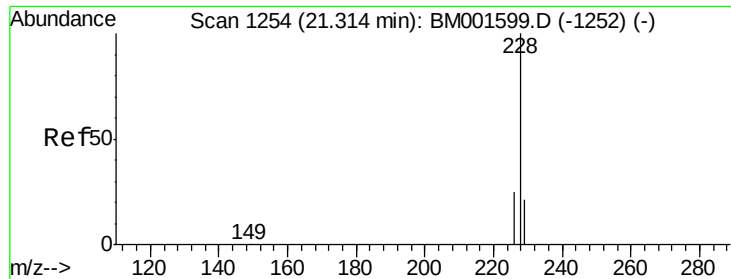
226 31.2 24.6 37.0

229 18.1 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: 9.11 ng

RT: 21.26 min Scan# 1250

Delta R.T. -0.06 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

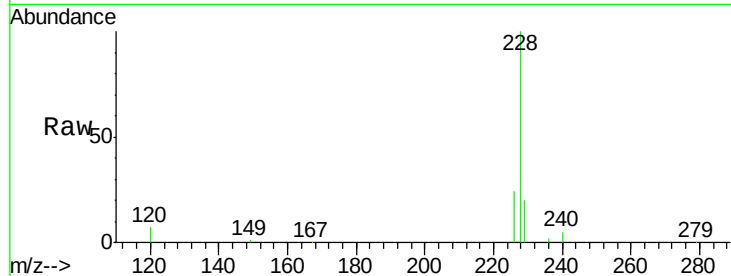
Tgt Ion:228 Resp: 146986

Ion Ratio Lower Upper

228 100

226 24.4 20.6 31.0

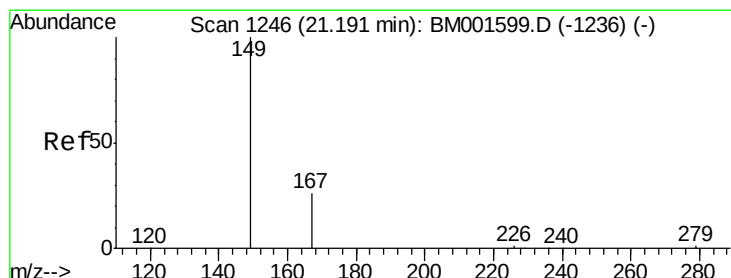
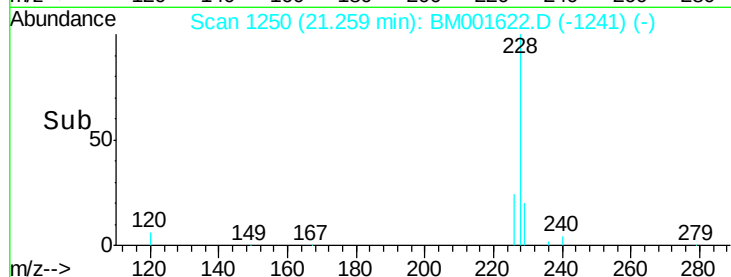
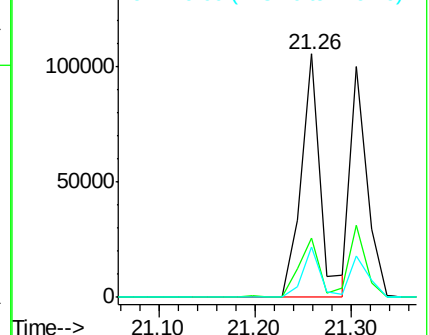
229 20.4 17.4 26.2



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: 9.44 ng

RT: 21.18 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

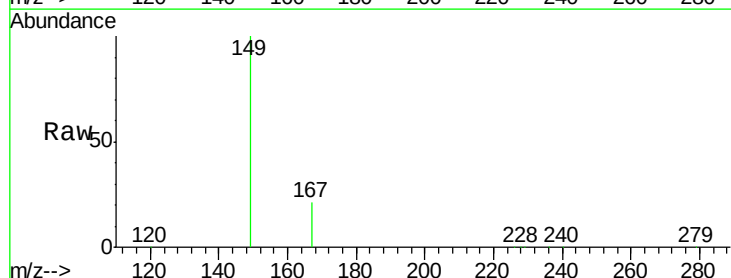
Tgt Ion:149 Resp: 93133

Ion Ratio Lower Upper

149 100

167 24.8 20.2 30.4

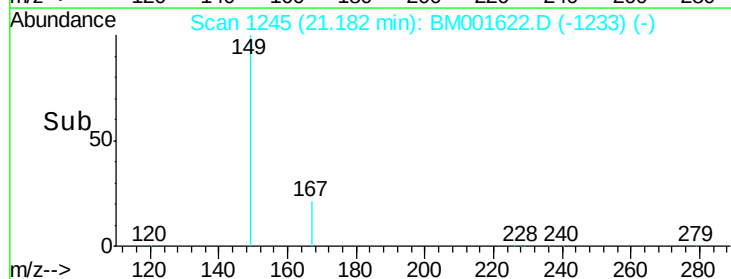
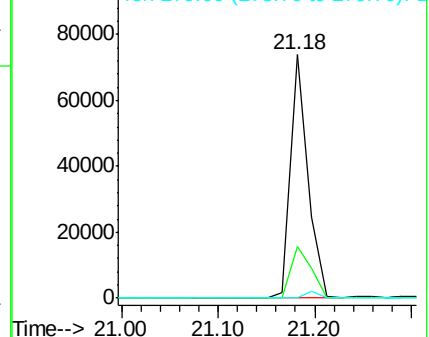
279 2.2 1.7 2.5

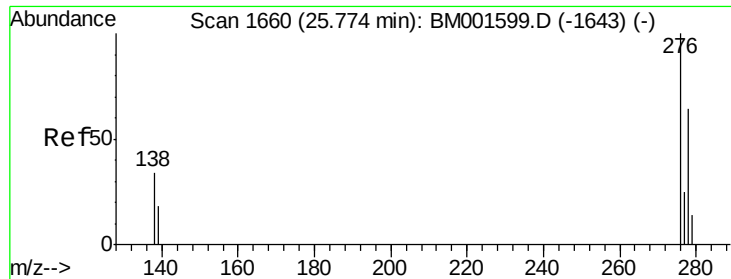


Abundance Ion 149.00 (148.70 to 149.70): E

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: 8.10 ng

RT: 25.76 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

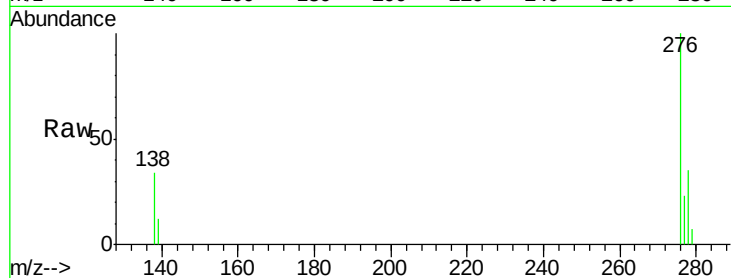
Tgt Ion: 276 Resp: 132776

Ion Ratio Lower Upper

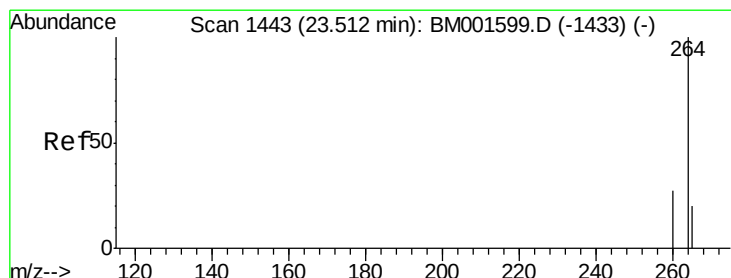
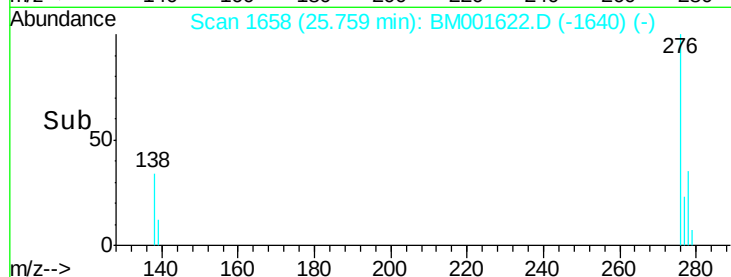
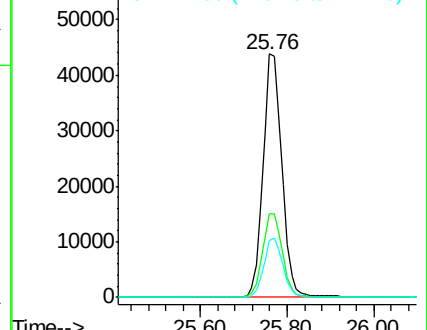
276 100

138 35.8 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# 1442

Delta R.T. -0.01 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

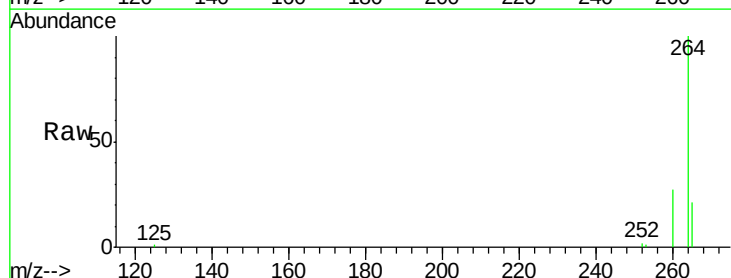
Tgt Ion: 264 Resp: 54369

Ion Ratio Lower Upper

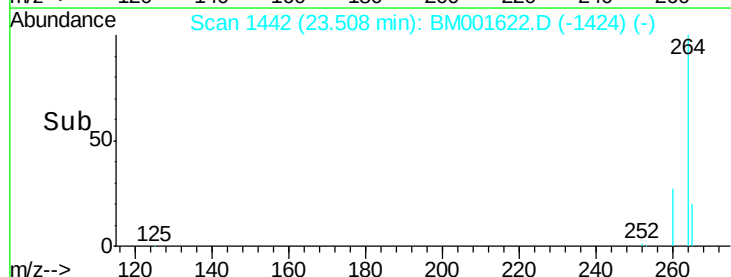
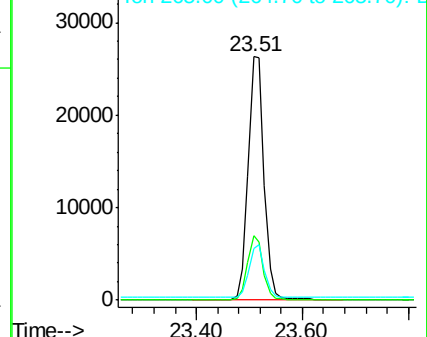
264 100

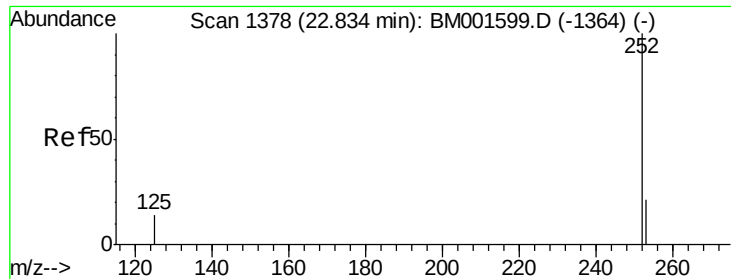
260 26.6 21.8 32.6

265 21.0 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: 7.73 ng

RT: 22.83 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

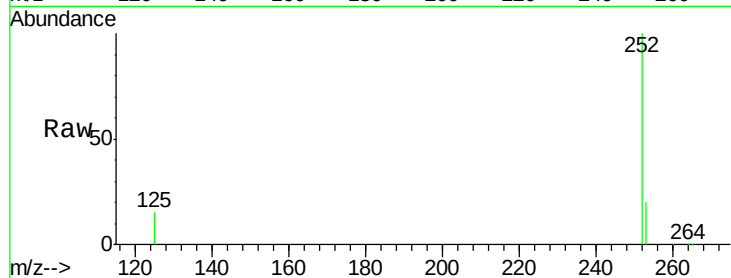
Tgt Ion:252 Resp: 126448

Ion Ratio Lower Upper

252 100

253 20.3 17.6 26.4

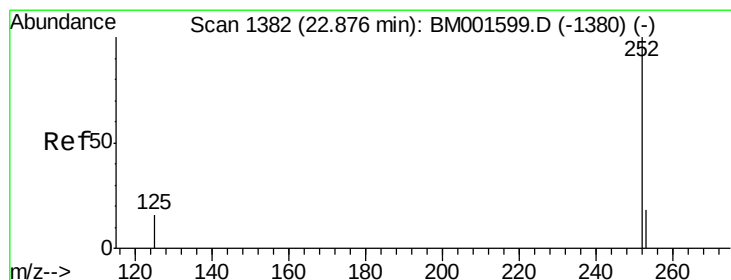
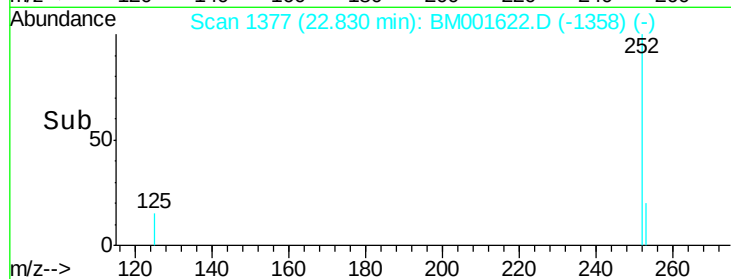
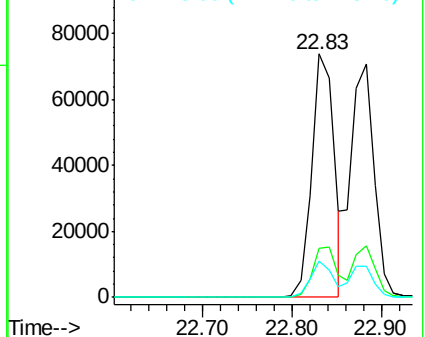
125 14.7 12.4 18.6



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: 8.07 ng

RT: 22.88 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

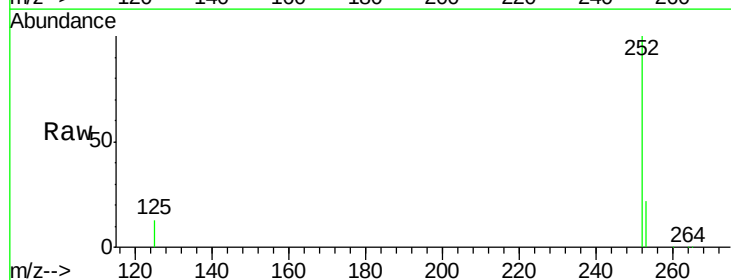
Tgt Ion:252 Resp: 127240

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

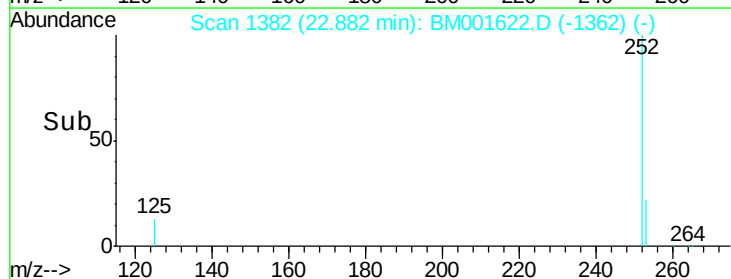
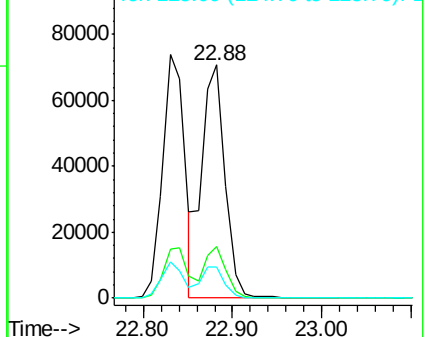
125 13.2 12.8 19.2

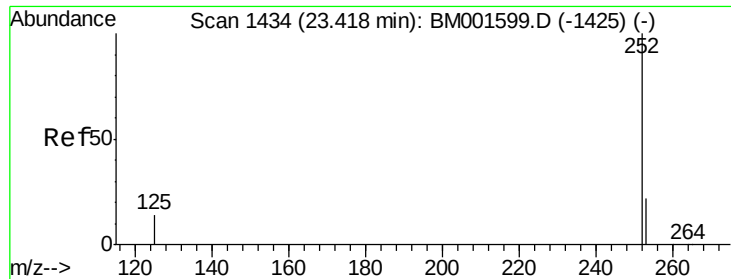


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 8.02 ng

RT: 23.41 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD

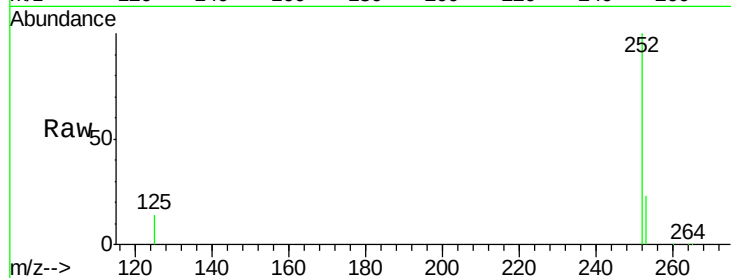
Tgt Ion: 252 Resp: 115813

Ion Ratio Lower Upper

252 100

253 22.7 19.4 29.0

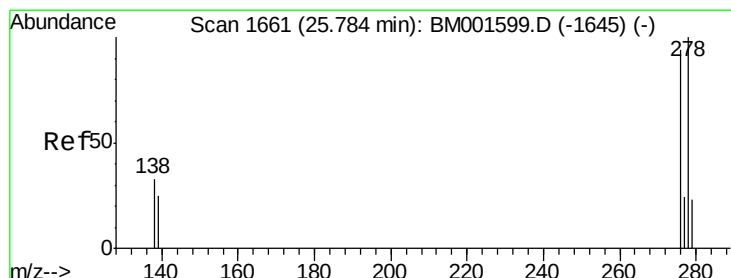
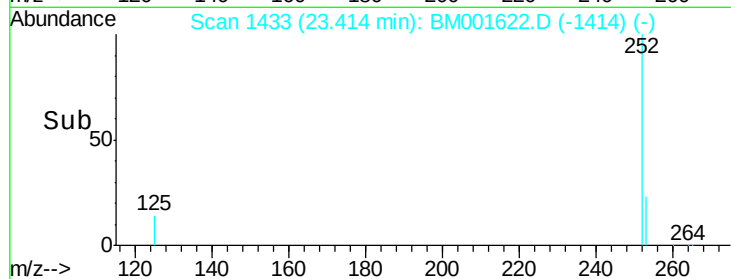
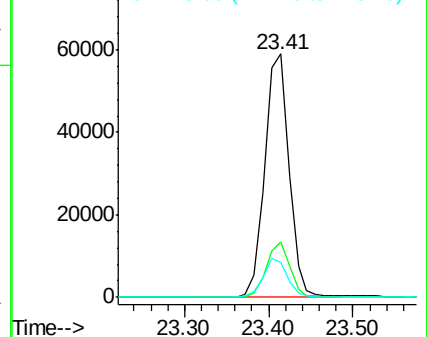
125 14.5 13.0 19.6



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: 7.81 ng

RT: 25.78 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BM001622.D

Acq: 09 Jun 2015 19:35

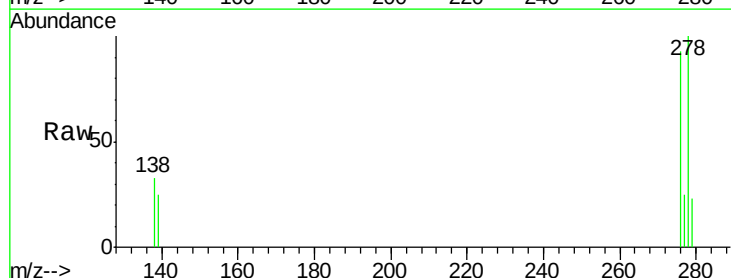
Tgt Ion: 278 Resp: 102997

Ion Ratio Lower Upper

278 100

139 24.6 20.6 31.0

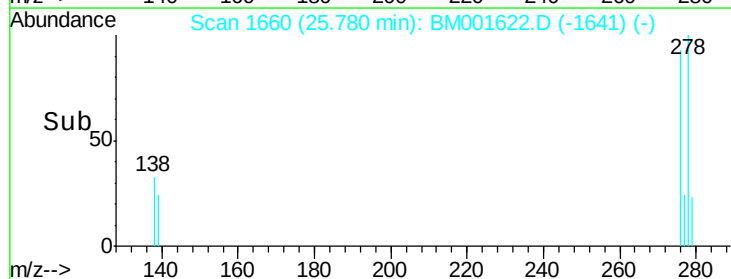
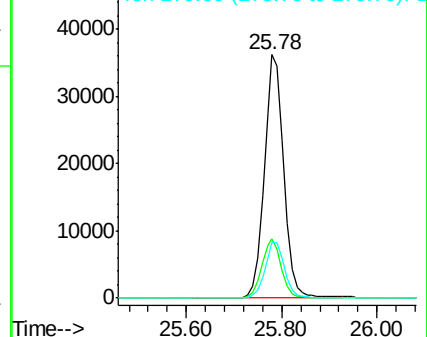
279 22.7 19.7 29.5

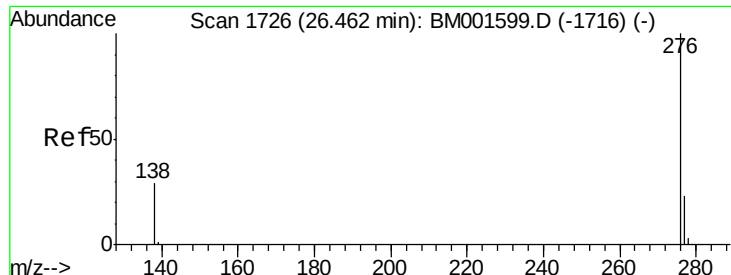


Abundance Ion 278.00 (277.70 to 278.70): E

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: 7.48 ng

RT: 26.46 min Scan# 1725

Delta R.T. -0.00 min

Lab File: BM001622.D

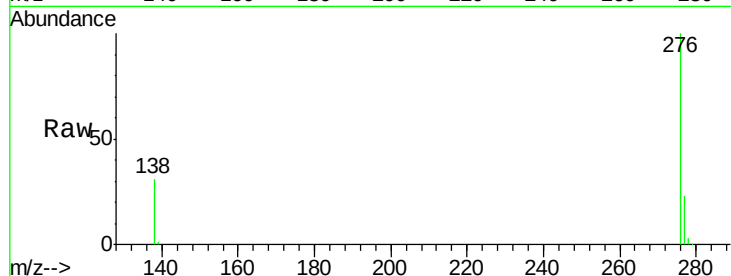
Acq: 09 Jun 2015 19:35

Instrument :

BNA_M

ClientSampleId :

PB83893BSD



Tgt Ion: 276 Resp: 106358

Ion Ratio Lower Upper

276 100

277 23.4 19.4 29.0

138 30.5 24.5 36.7

