

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051615\
 Data File : BM001309.D
 Acq On : 15 May 2015 01:32
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: May 15 05:34:12 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 05:14:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14362	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	51686	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	26768	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	80668	5.00	ng	0.00
24) Chrysene-d12	21.07	240	48007	5.00	ng	-0.01
30) Perylene-d12	23.17	264	45278	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	2646	0.95	ng	-0.02
5) Phenol-d6	6.63	99	2994	0.95	ng	0.00
7) Nitrobenzene-d5	8.60	82	2525	0.87	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	582	0.72	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	7903	0.95	ng	0.00
26) Terphenyl-d14	19.51	244	5830	0.90	ng	0.00

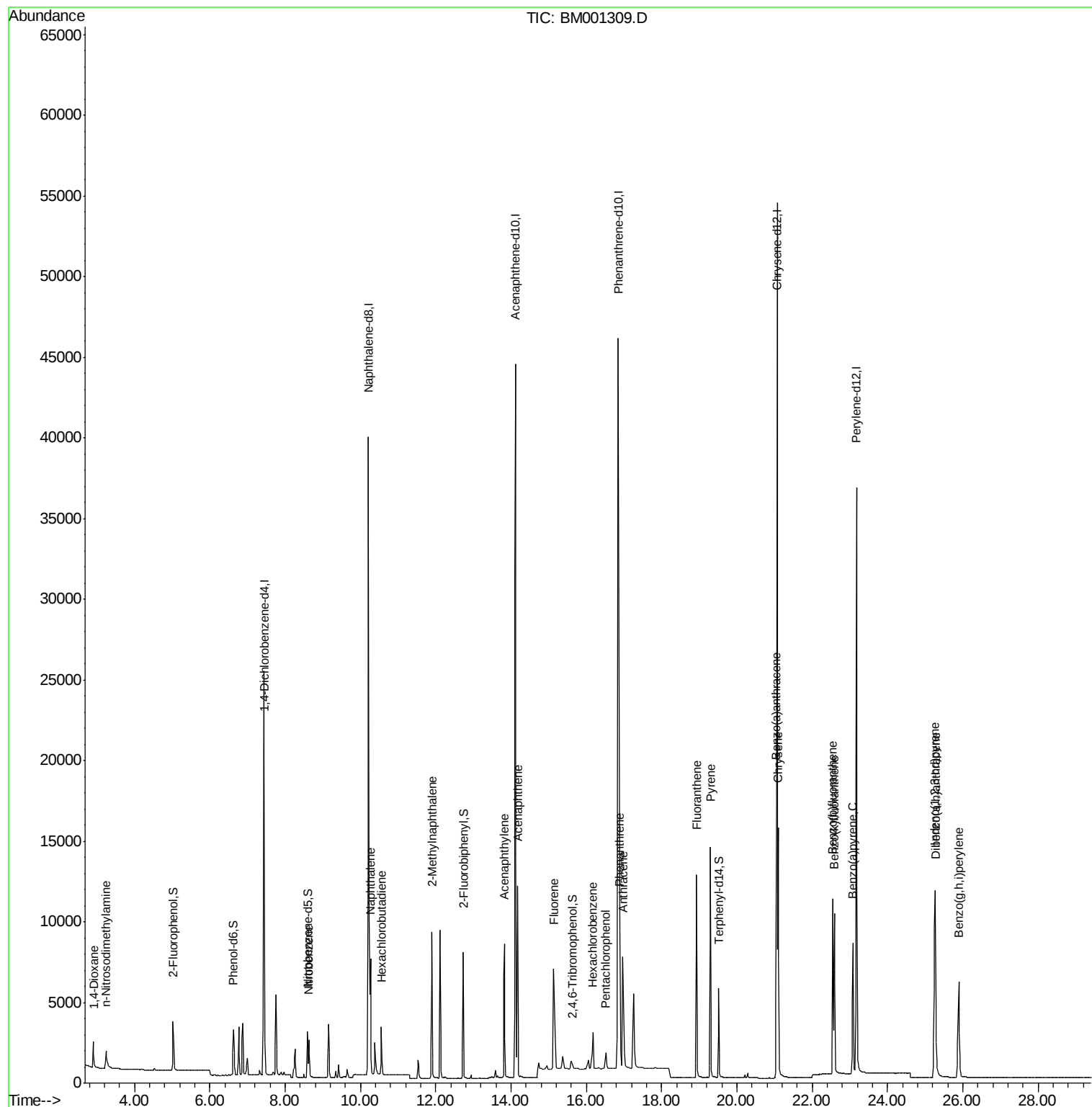
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.92	88	1458	0.67	ng	# 75
3) n-Nitrosodimethylamine	3.24	42	1600	0.98	ng	# 90
8) Nitrobenzene	8.64	77	2572	0.85	ng	98
9) Naphthalene	10.27	128	10600	0.96	ng	98
10) Hexachlorobutadiene	10.56	225	2008	0.93	ng	98
11) 2-Methylnaphthalene	11.90	142	6692	0.94	ng	92
15) Acenaphthylene	13.83	152	10284	0.93	ng	100
16) Acenaphthene	14.18	154	6615	0.94	ng	99
17) Fluorene	15.14	166	5855	0.92	ng	84
19) Hexachlorobenzene	16.18	284	3419	0.66	ng	# 85
20) Pentachlorophenol	16.52	266	803	0.92	ng	92
21) Phenanthrene	16.88	178	11983	0.98	ng	# 98
22) Anthracene	16.98	178	11201	0.94	ng	# 97
23) Fluoranthene	18.93	202	13092	0.68	ng	100
25) Pyrene	19.30	202	13600	0.92	ng	100
27) Benzo(a)anthracene	21.05	228	12169	0.93	ng	98
28) Chrysene	21.10	228	12338	0.93	ng	96
29) Indeno(1,2,3-cd)pyrene	25.26	276	13886	1.03	ng	100
31) Benzo(b)fluoranthene	22.55	252	12338	0.93	ng	99
32) Benzo(k)fluoranthene	22.59	252	11756	0.93	ng	99
33) Benzo(a)pyrene	23.08	252	10771	0.94	ng	99
34) Dibenzo(a,h)anthracene	25.27	278	10755	1.00	ng	98
35) Benzo(g,h,i)perylene	25.89	276	11701	0.99	ng	98

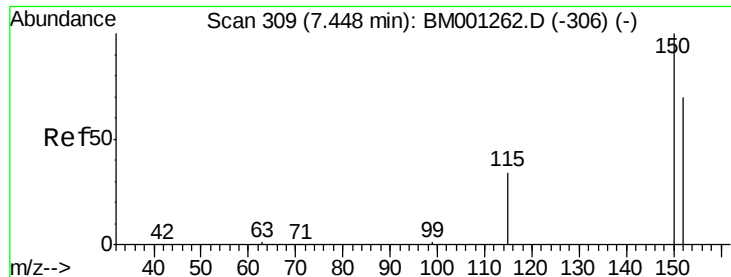
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Time: May 15 05:34:12 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 05:14:53 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

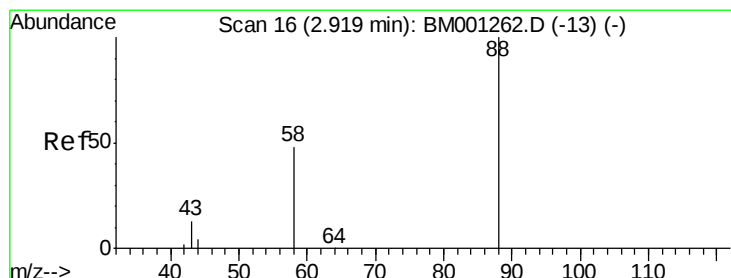
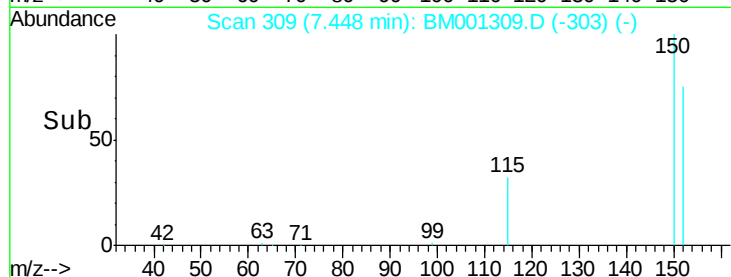
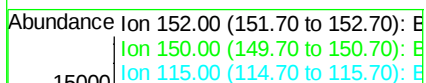
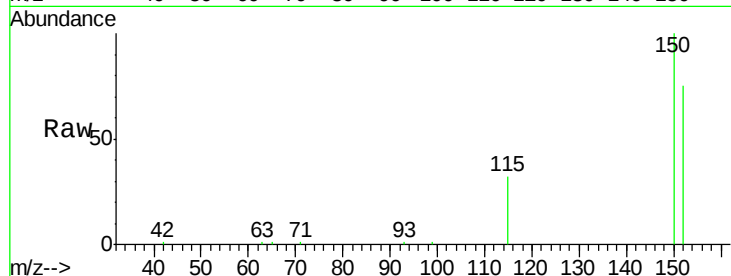
Tot Ion:152 Resp: 14362

Ion Ratio Lower Upper

152 100

150 133.0 114.6 172.0

115 42.6 39.3 58.9



#2

1,4-Dioxane

Concen: 0.67 ng

RT: 2.92 min Scan# 16

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

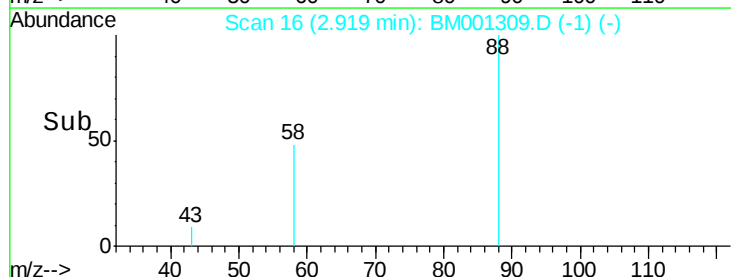
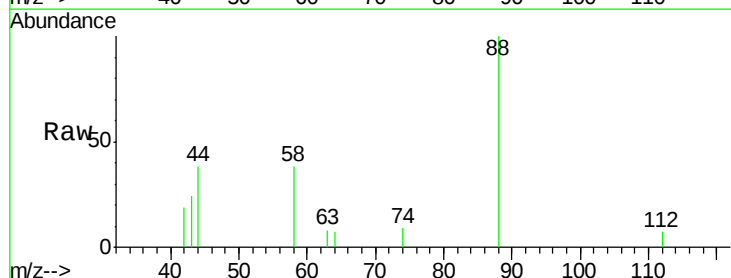
Tgt Ion: 88 Resp: 1458

Ion Ratio Lower Upper

88 100

58 67.2 39.0 58.6#

43 35.8 20.2 30.2#





#3

n-Nitrosodimethylamine

Concen: 0.98 ng

RT: 3.24 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

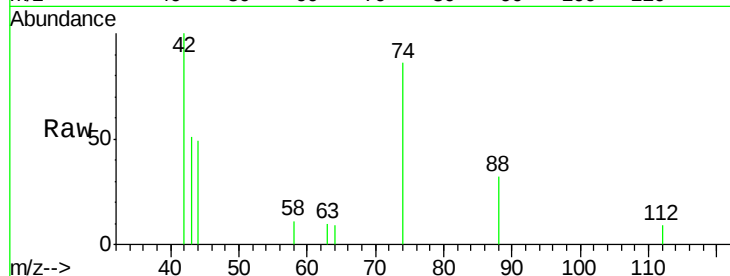
Tot Ion: 42 Resp: 1600

Ion Ratio Lower Upper

42 100

74 92.1 82.1 123.1

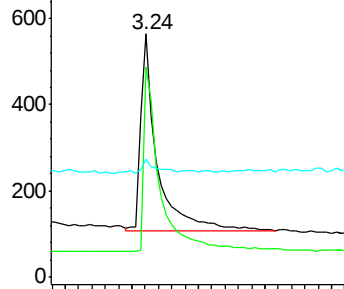
44 6.8 3.0 4.4#



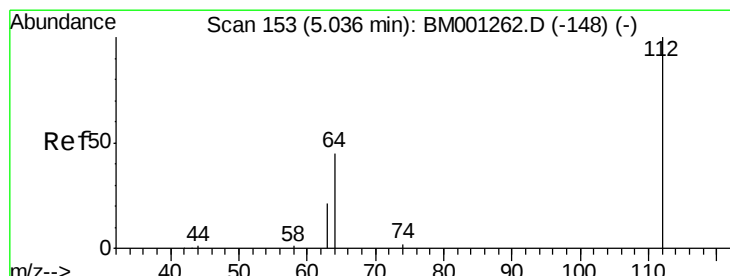
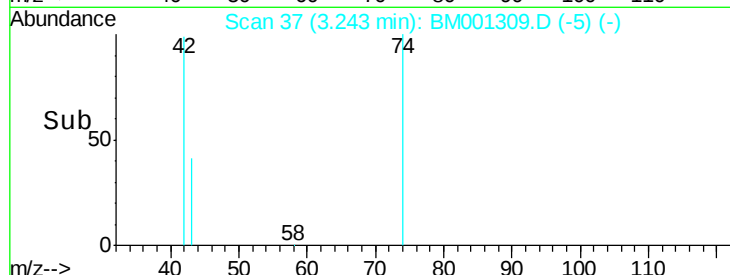
Abundance Ion 42.00 (41.70 to 42.70): BM001262.D (-33) (-)

Ion 74.00 (73.70 to 74.70): BM001262.D (-33) (-)

Ion 44.00 (43.70 to 44.70): BM001262.D (-33) (-)



Time-->



#4

2-Fluorophenol

Concen: 0.95 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.02 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

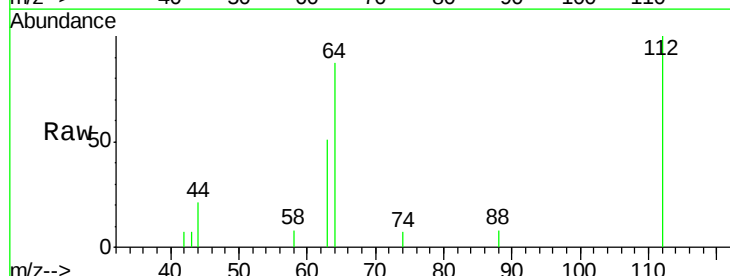
Tgt Ion: 112 Resp: 2646

Ion Ratio Lower Upper

112 100

64 64.6 50.8 76.2

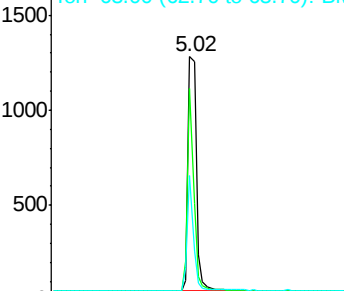
63 35.3 28.2 42.4



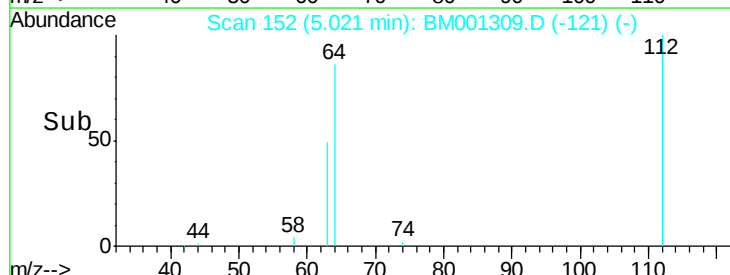
Abundance Ion 112.00 (111.70 to 112.70): BM001262.D (-148) (-)

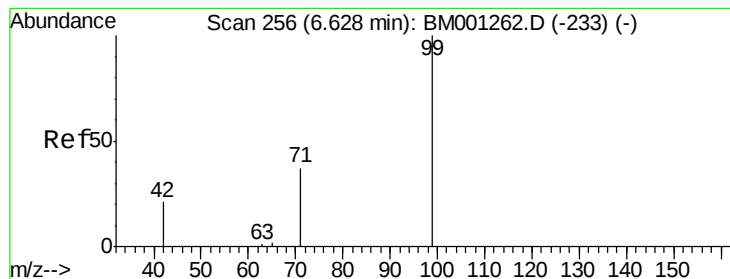
Ion 64.00 (63.70 to 64.70): BM001262.D (-148) (-)

Ion 63.00 (62.70 to 63.70): BM001262.D (-148) (-)



Time-->





#5

Phenol-d6

Concen: 0.95 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

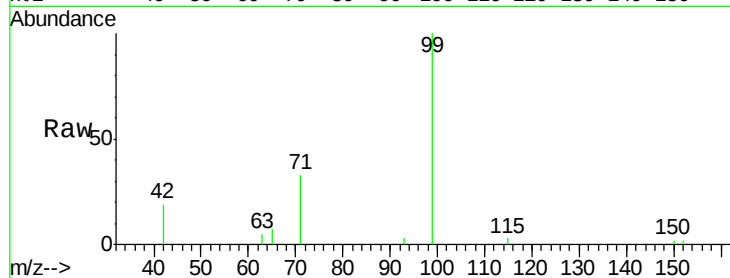
Tot Ion: 99 Resp: 2994

Ion Ratio Lower Upper

99 100

42 24.9 19.9 29.9

71 34.7 28.0 42.0

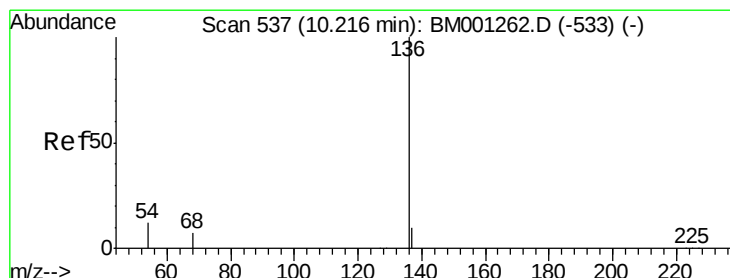
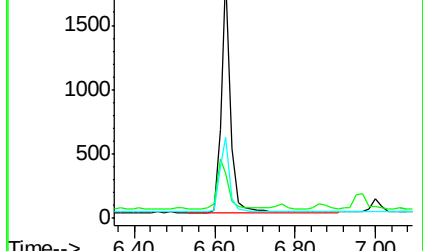
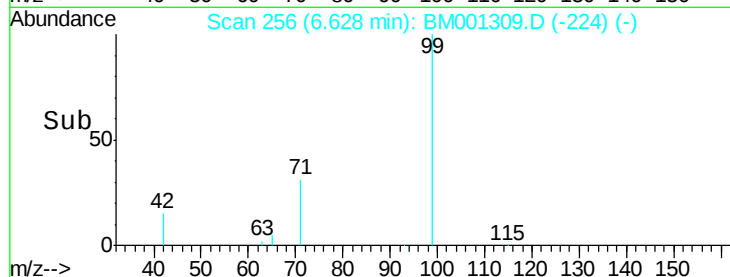


Abundance Ion 99.00 (98.70 to 99.70): BM001262.D (-233) (-)

Ion 42.00 (41.70 to 42.70): BM001262.D (-233) (-)

Ion 71.00 (70.70 to 71.70): BM001262.D (-233) (-)

Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Tgt Ion: 136 Resp: 51686

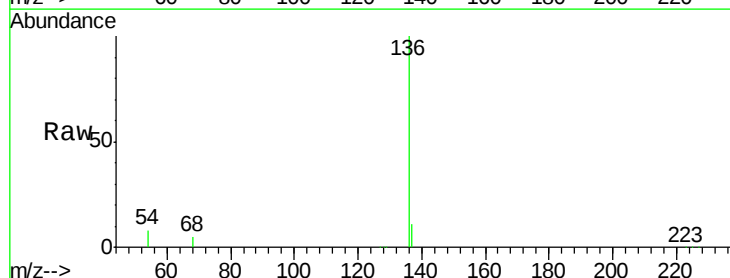
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 8.0 9.5 14.3#

68 5.0 5.5 8.3#



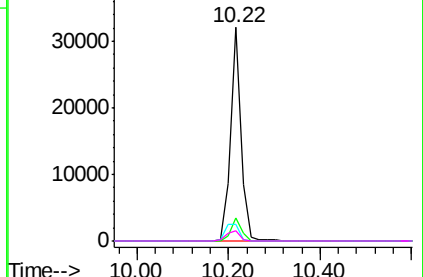
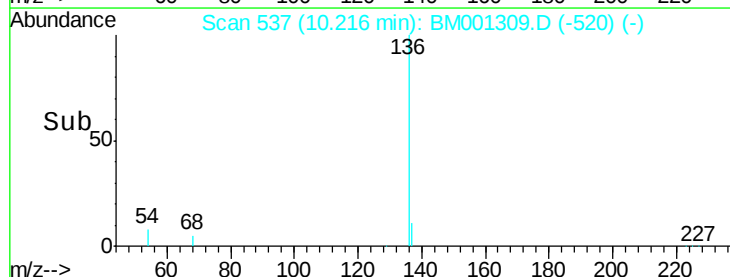
Abundance Ion 136.00 (135.70 to 136.70): BM001262.D (-533) (-)

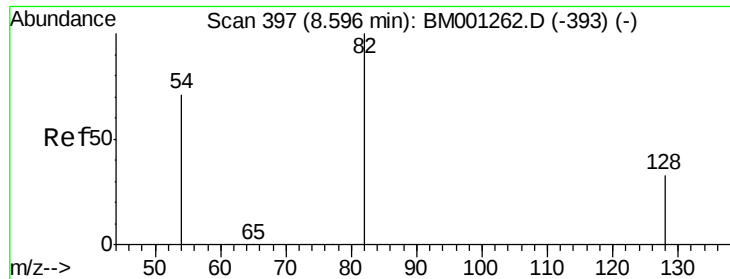
Ion 137.00 (136.70 to 137.70): BM001262.D (-533) (-)

Ion 54.00 (53.70 to 54.70): BM001262.D (-533) (-)

Ion 68.00 (67.70 to 68.70): BM001262.D (-533) (-)

Time-->





#7

Nitrobenzene-d5

Concen: 0.87 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

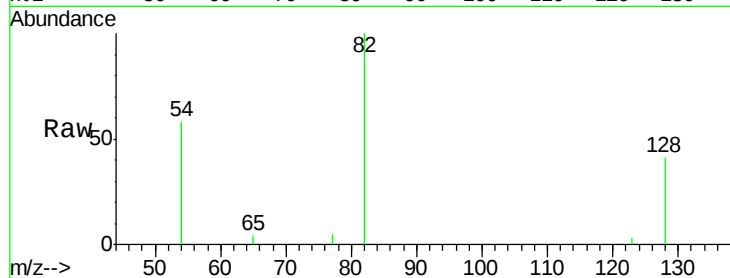
Tot Ion: 82 Resp: 2525

Ion Ratio Lower Upper

82 100

128 41.0 28.0 42.0

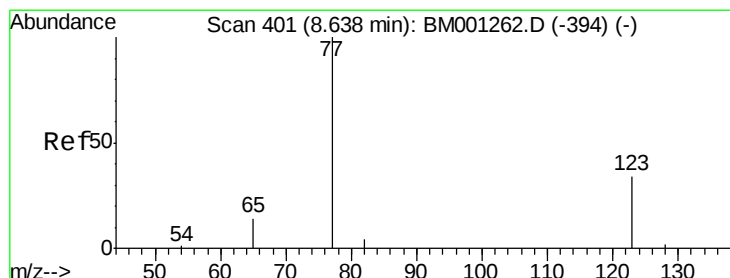
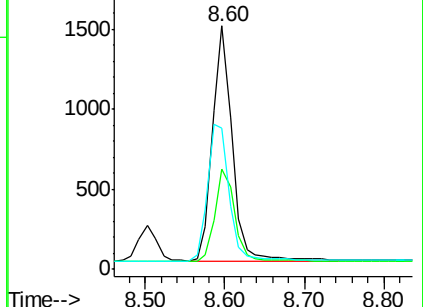
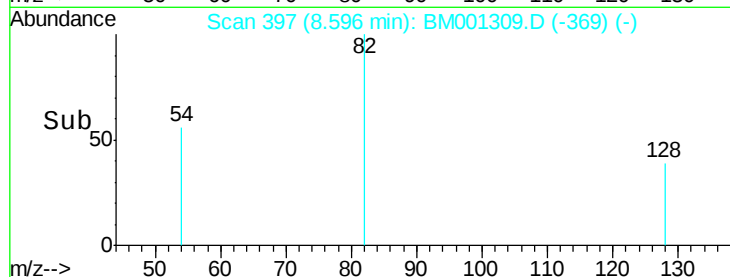
54 58.0 57.3 85.9



Abundance Ion 82.00 (81.70 to 82.70): BM001309.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001309.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001309.D (-369) (-)



#8

Nitrobenzene

Concen: 0.85 ng

RT: 8.64 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

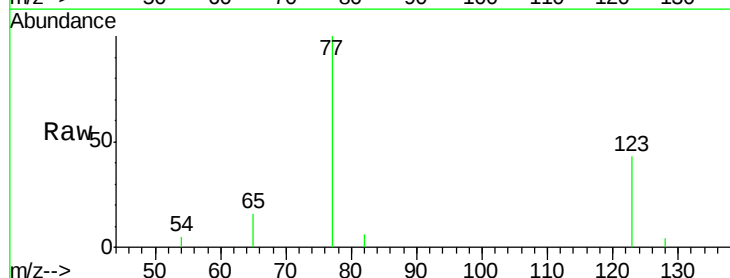
Tgt Ion: 77 Resp: 2572

Ion Ratio Lower Upper

77 100

123 42.9 33.4 50.2

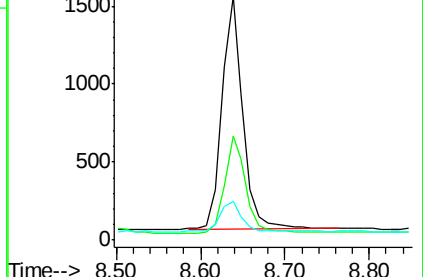
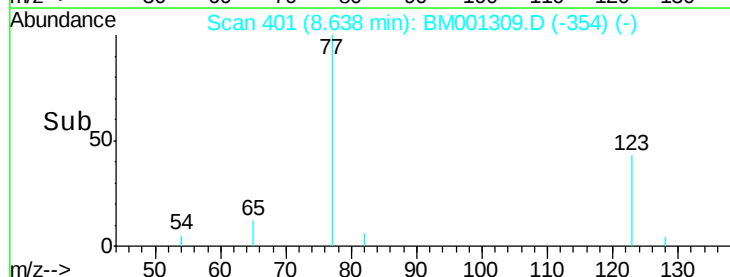
65 13.6 10.6 15.8

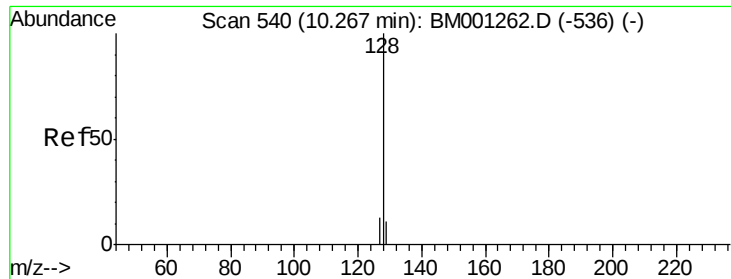


Abundance Ion 77.00 (76.70 to 77.70): BM001309.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001309.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001309.D (-354) (-)





#9

Naphthalene

Concen: 0.96 ng

RT: 10.27 min Scan# 540

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

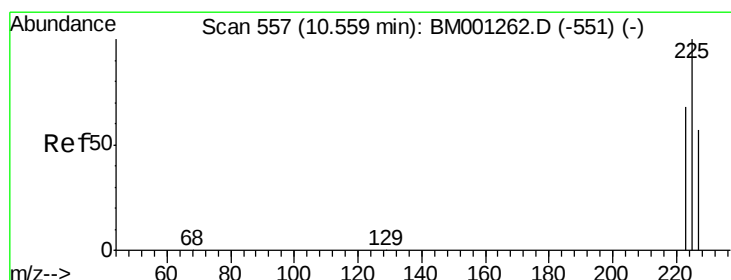
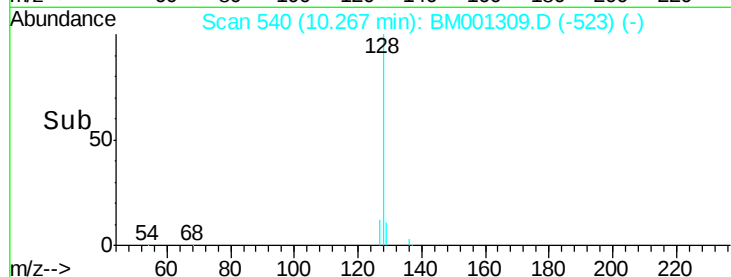
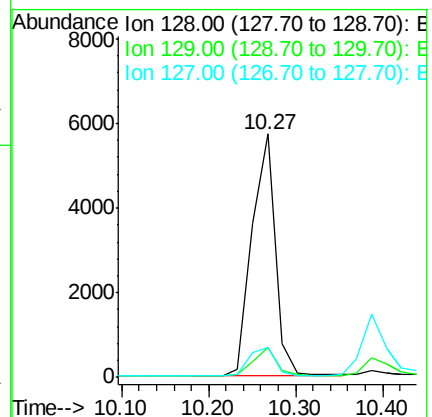
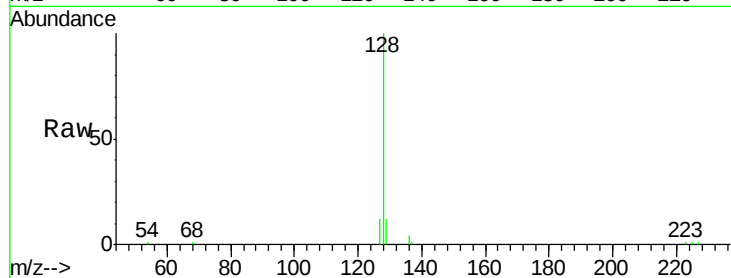
Tot Ion:128 Resp: 10600

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

127 12.3 10.6 16.0



#10

Hexachlorobutadiene

Concen: 0.93 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

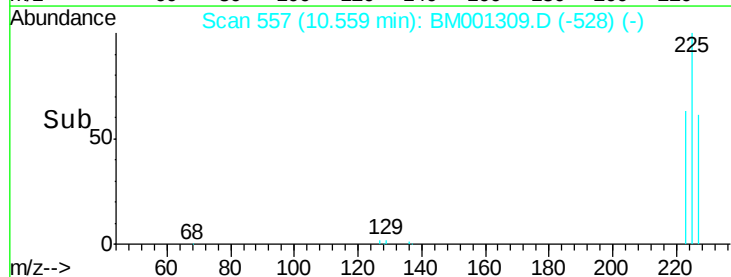
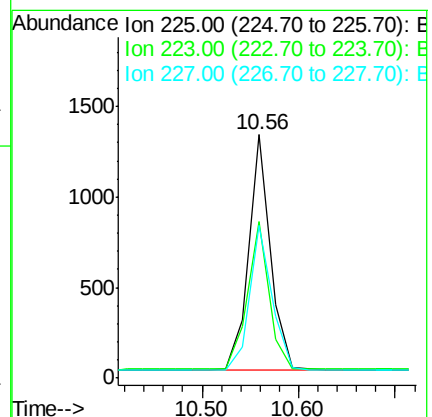
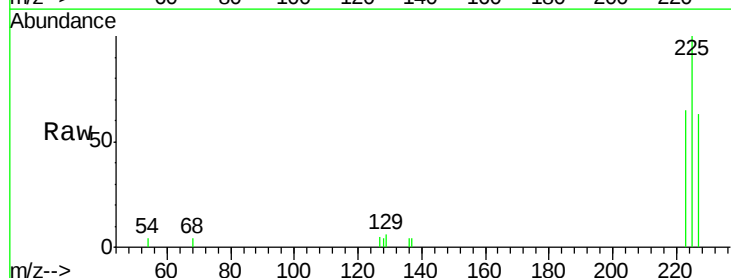
Tgt Ion:225 Resp: 2008

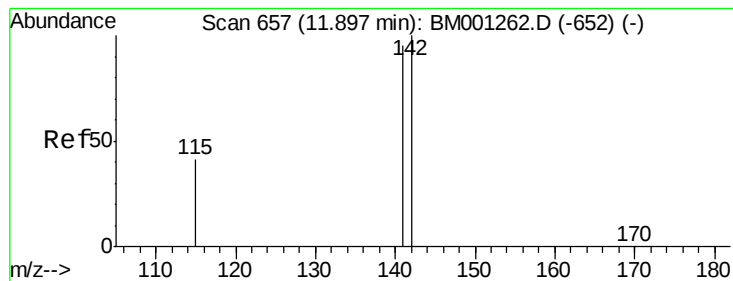
Ion Ratio Lower Upper

225 100

223 63.7 49.6 74.4

227 63.3 51.4 77.2





#11

2-Methylnaphthalene

Concen: 0.94 ng

RT: 11.90 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

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ClientSampleId :

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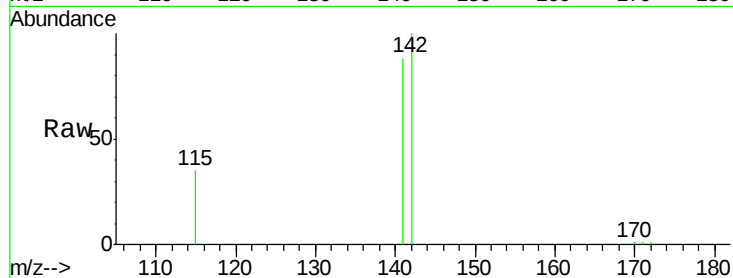
Tot Ion:142 Resp: 6692

Ion Ratio Lower Upper

142 100

141 87.5 76.1 114.1

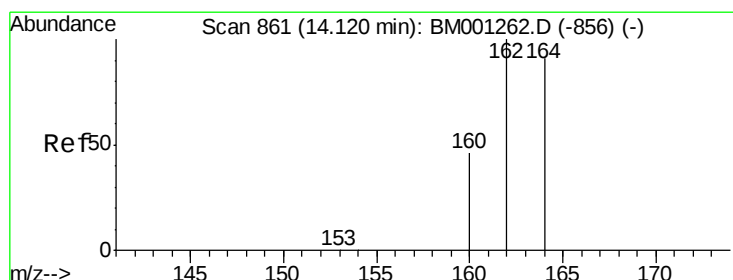
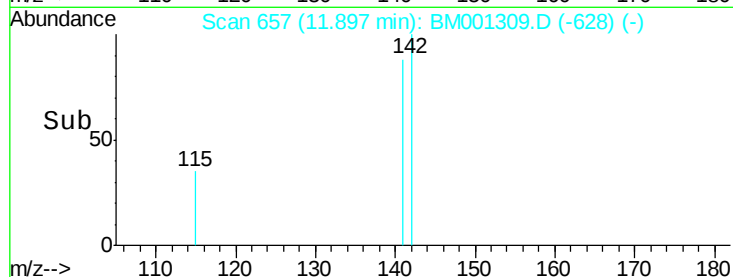
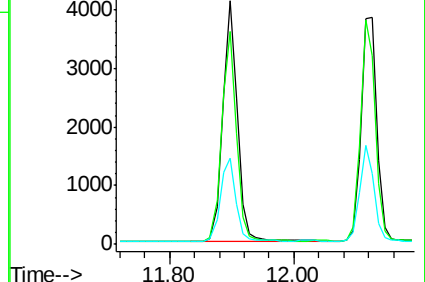
115 35.2 33.1 49.7



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: 14.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

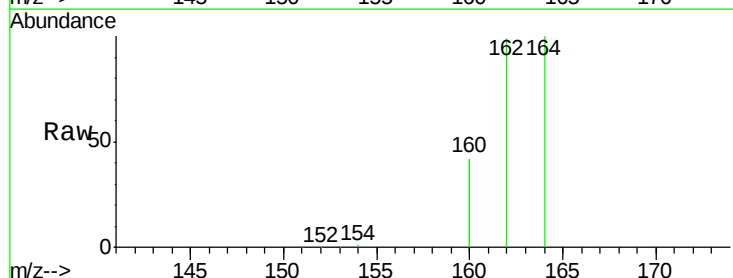
Tgt Ion:164 Resp: 26768

Ion Ratio Lower Upper

164 100

162 99.0 87.9 131.9

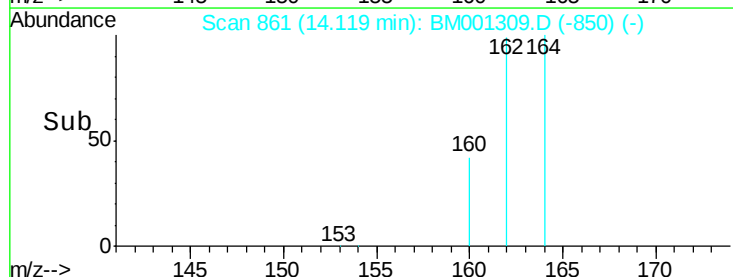
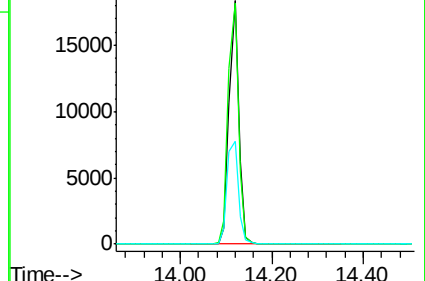
160 42.0 40.9 61.3



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

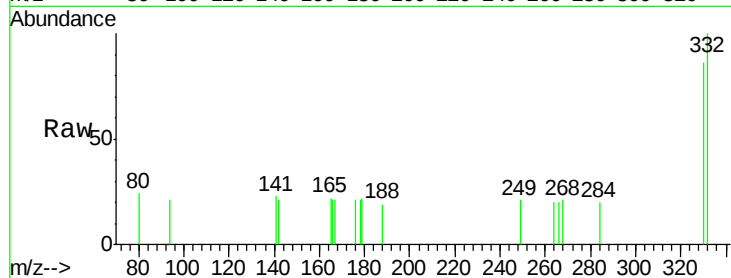




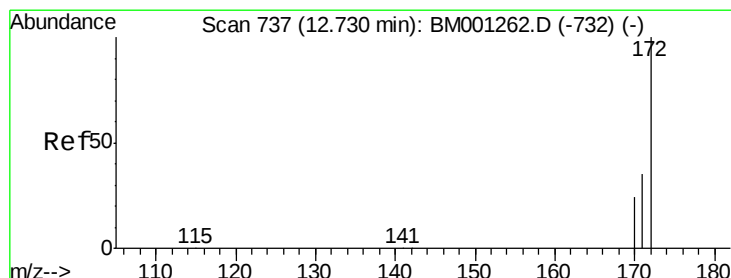
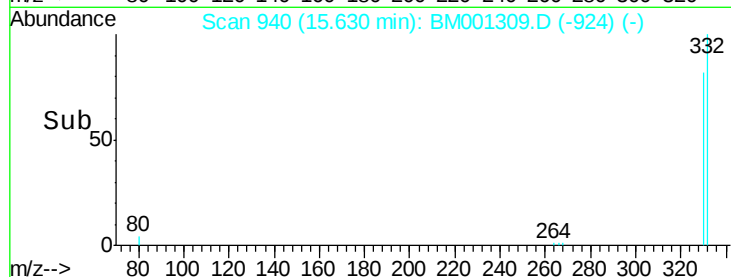
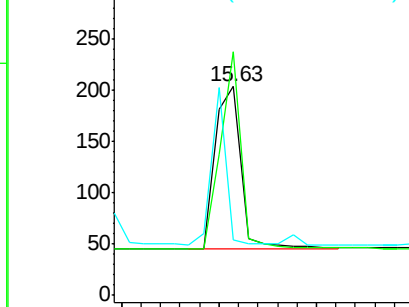
#13
 2,4,6-Tribromophenol
 Concen: 0.72 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.00 min
 Lab File: BM001309.D
 Acq: 15 May 2015 01:32

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tot Ion:330 Resp: 582
 Ion Ratio Lower Upper
 330 100
 332 95.0 89.0 133.4
 141 0.0 0.0 0.0

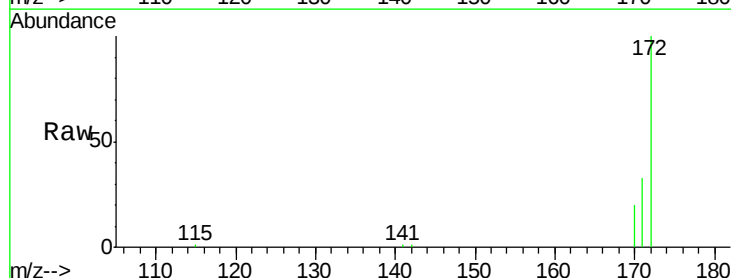


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

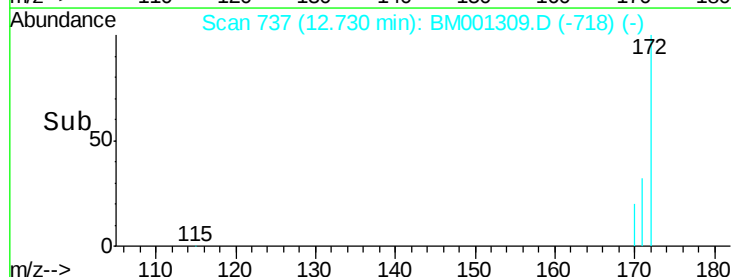
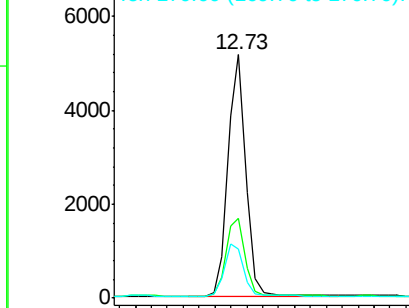


#14
 2-Fluorobiphenyl
 Concen: 0.95 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001309.D
 Acq: 15 May 2015 01:32

Tgt Ion:172 Resp: 7903
 Ion Ratio Lower Upper
 172 100
 171 32.5 28.7 43.1
 170 20.3 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

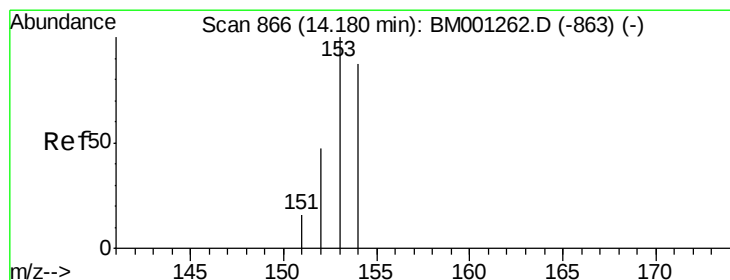
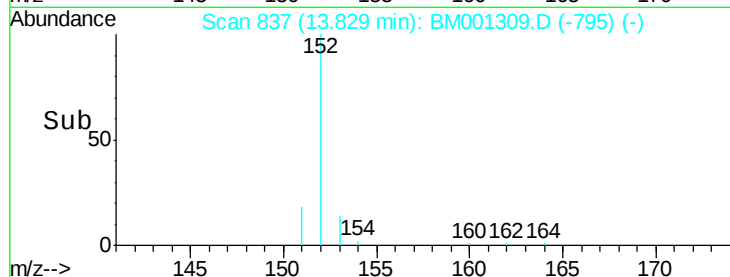
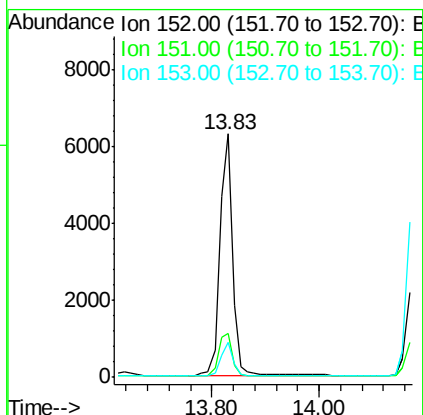
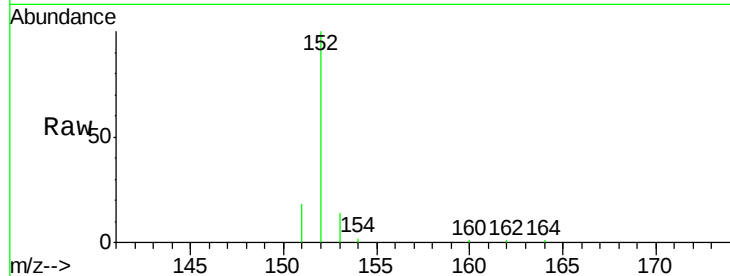




#15
Acenaphthylene
Concen: 0.93 ng
RT: 13.83 min Scan# 837
Delta R.T. 0.00 min
Lab File: BM001309.D
Acq: 15 May 2015 01:32

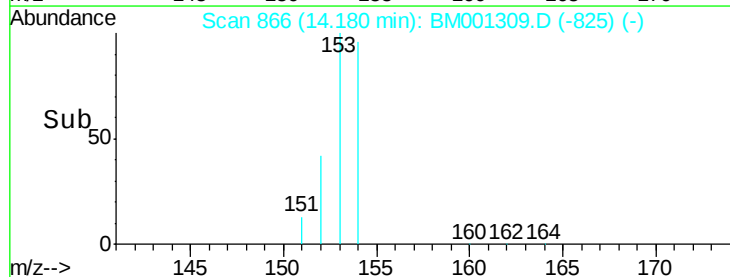
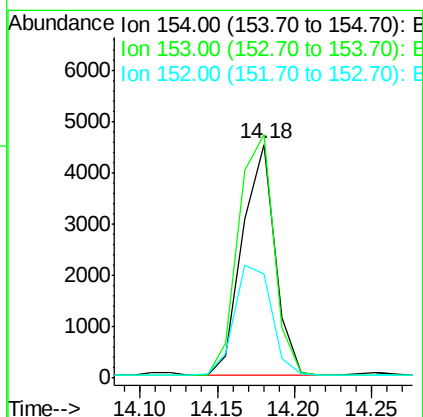
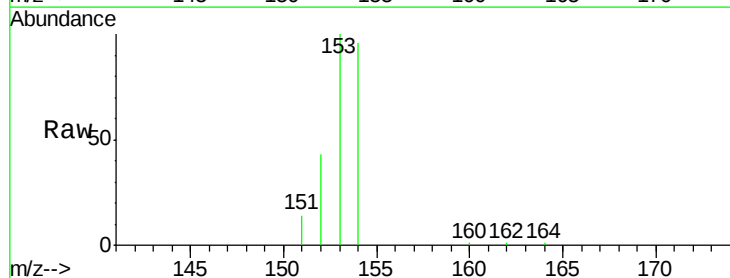
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

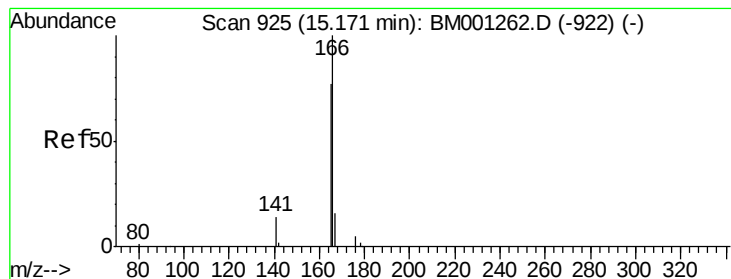
Tot Ion:152 Resp: 10284
Ion Ratio Lower Upper
152 100
151 18.7 15.0 22.4
153 12.9 10.1 15.1



#16
Acenaphthene
Concen: 0.94 ng
RT: 14.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: BM001309.D
Acq: 15 May 2015 01:32

Tgt Ion:154 Resp: 6615
Ion Ratio Lower Upper
154 100
153 113.8 91.4 137.2
152 54.4 44.3 66.5





#17

Fluorene

Concen: 0.92 ng

RT: 15.14 min Scan# 924

Delta R.T. -0.03 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

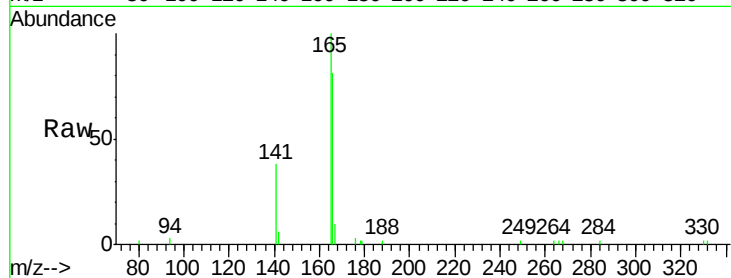
Tot Ion:166 Resp: 5855

Ion Ratio Lower Upper

166 100

165 104.4 70.6 106.0

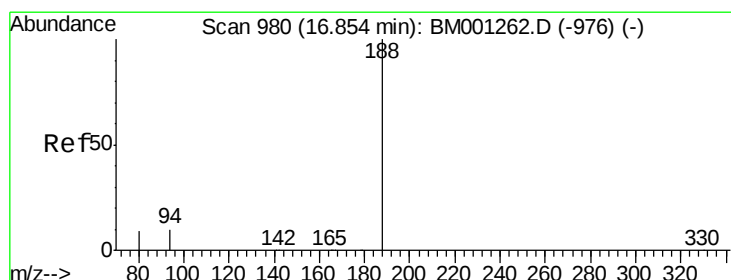
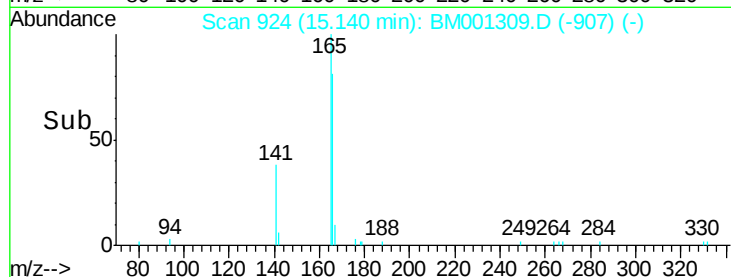
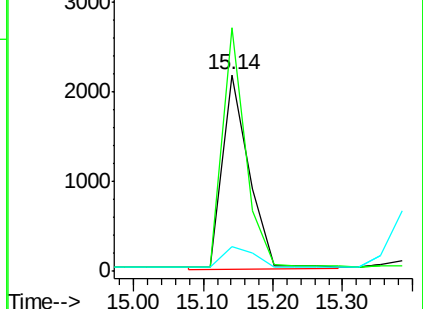
167 12.0 11.3 16.9



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: 16.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

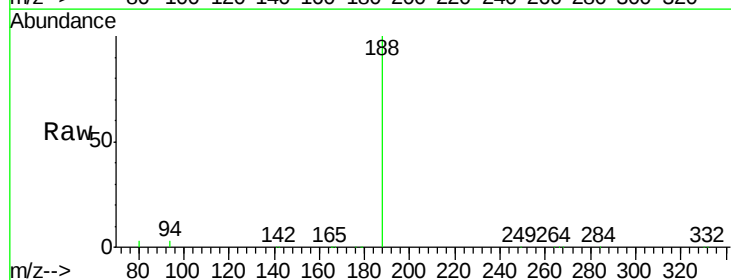
Tgt Ion:188 Resp: 80668

Ion Ratio Lower Upper

188 100

94 3.0 7.8 11.8#

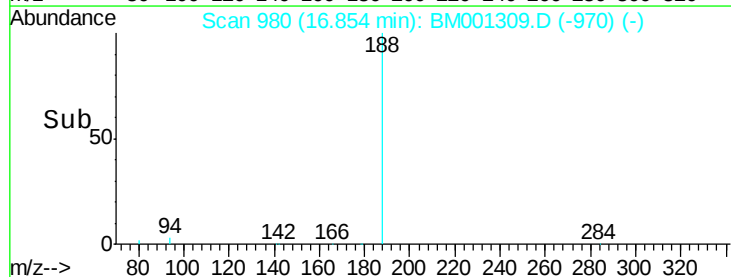
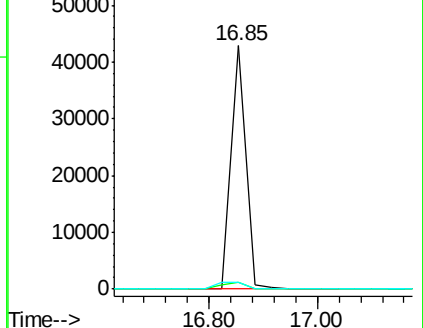
80 2.6 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#19

Hexachlorobenzene

Concen: 0.66 ng

RT: 16.18 min Scan# 958

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

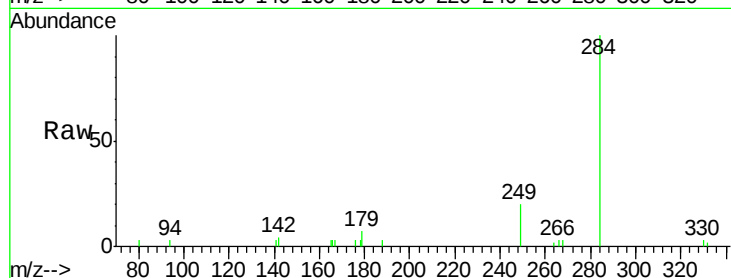
Tot Ion:284 Resp: 3419

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

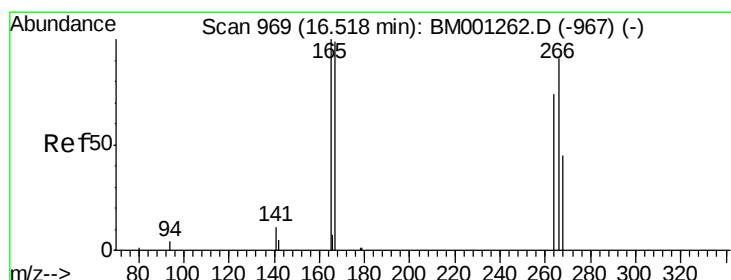
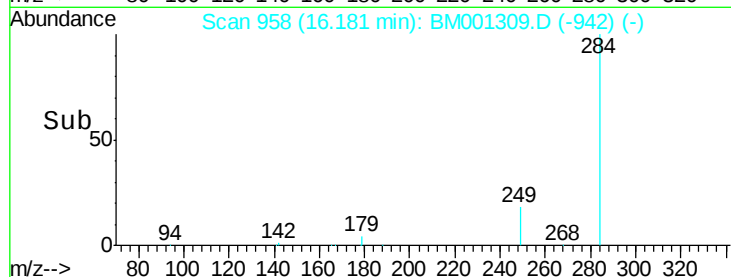
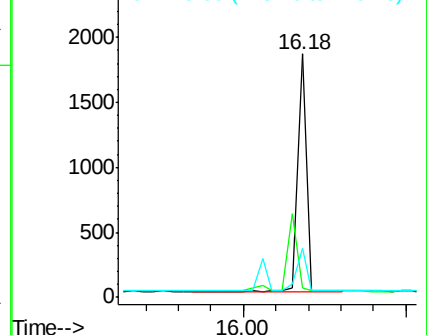
249 20.6 22.7 34.1#



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



#20

Pentachlorophenol

Concen: 0.92 ng

RT: 16.52 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

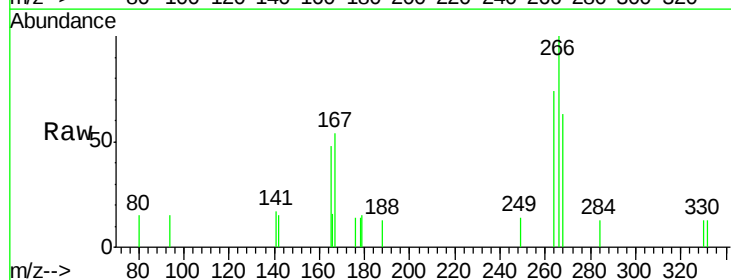
Tgt Ion:266 Resp: 803

Ion Ratio Lower Upper

266 100

268 63.1 49.4 74.0

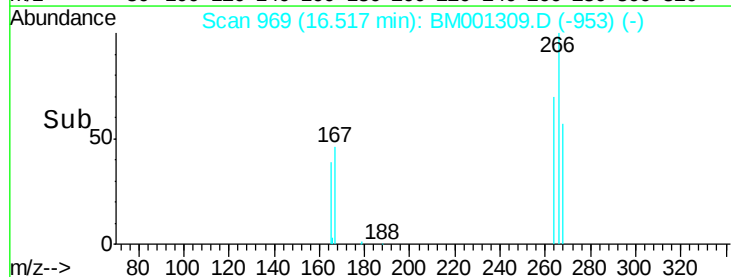
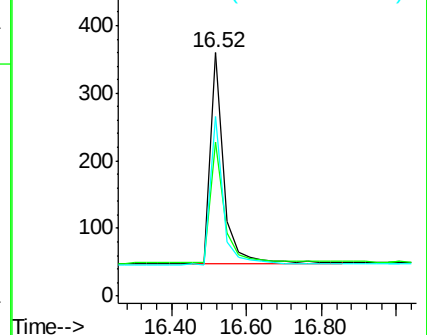
264 73.9 67.8 101.6

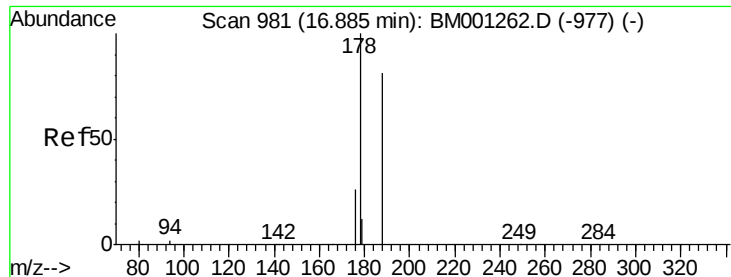


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.98 ng

RT: 16.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

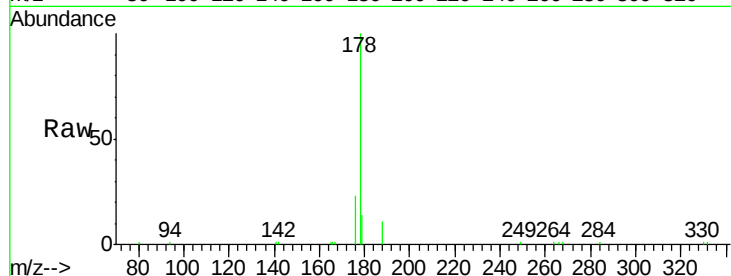
Tot Ion:178 Resp: 11983

Ion Ratio Lower Upper

178 100

176 21.0 15.9 23.9

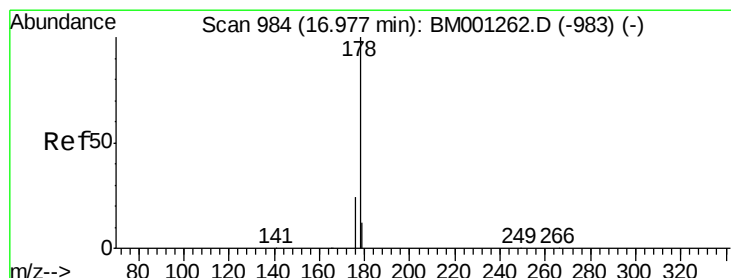
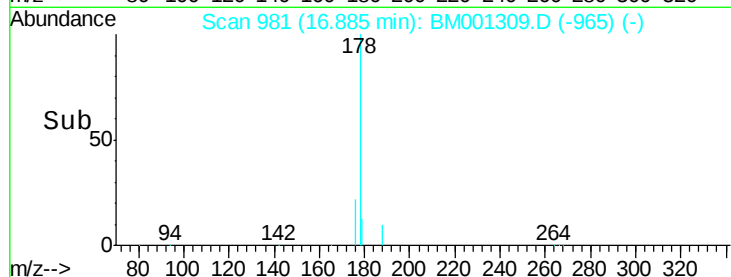
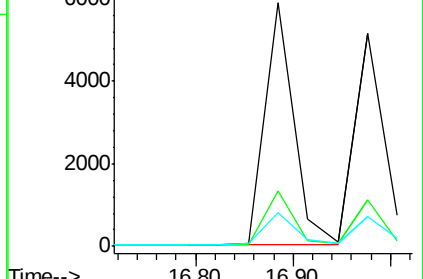
179 14.1 0.0 0.0#



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



#22

Anthracene

Concen: 0.94 ng

RT: 16.98 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

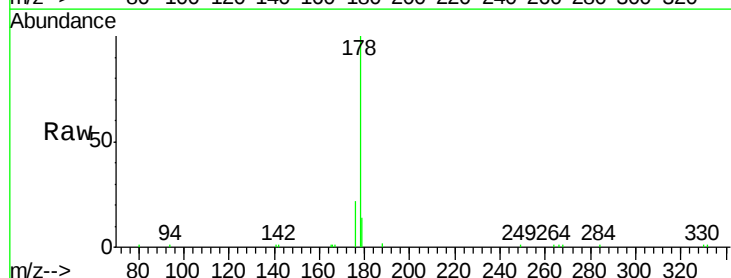
Tgt Ion:178 Resp: 11201

Ion Ratio Lower Upper

178 100

176 20.3 15.3 22.9

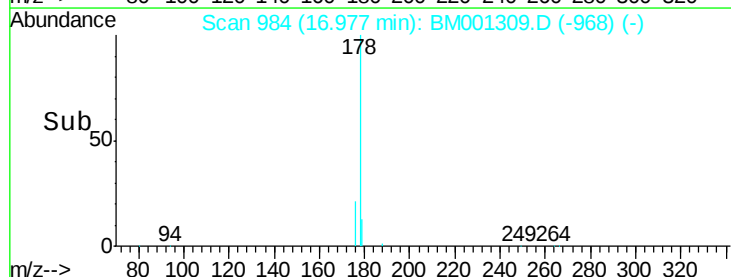
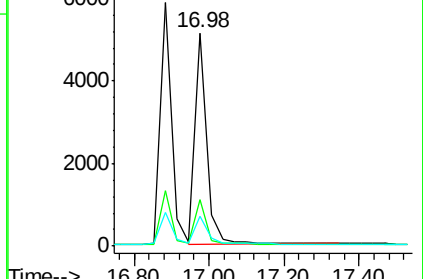
179 13.9 0.0 0.0#

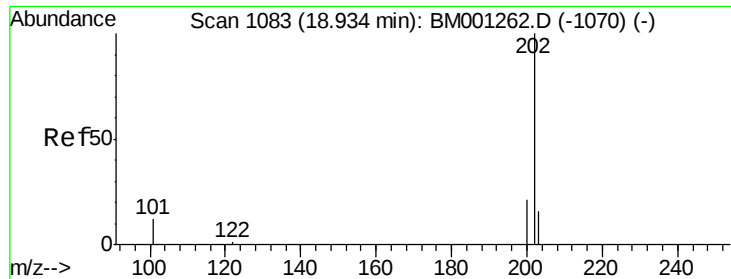


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

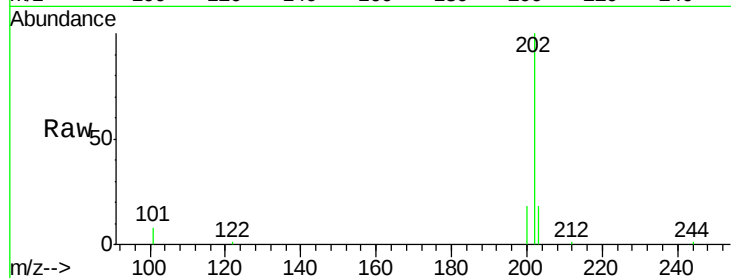




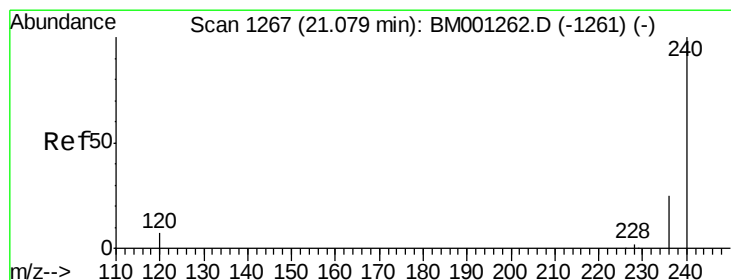
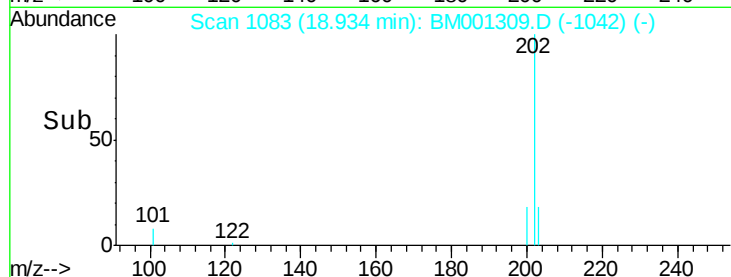
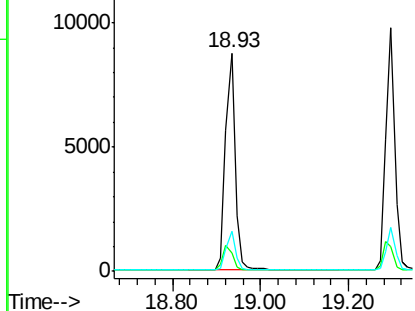
#23
Fluoranthene
Concen: 0.68 ng
RT: 18.93 min Scan# 1083
Delta R.T. 0.00 min
Lab File: BM001309.D
Acq: 15 May 2015 01:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion:202 Resp: 13092
Ion Ratio Lower Upper
202 100
101 11.4 9.1 13.7
203 17.0 13.8 20.6

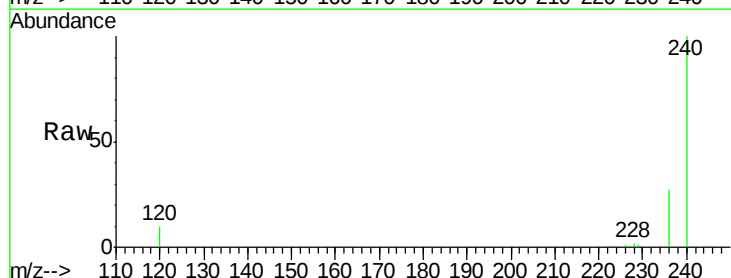


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

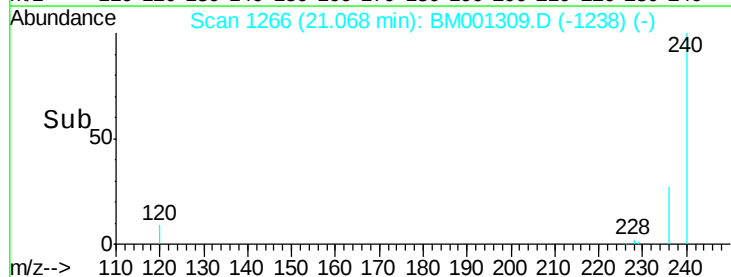
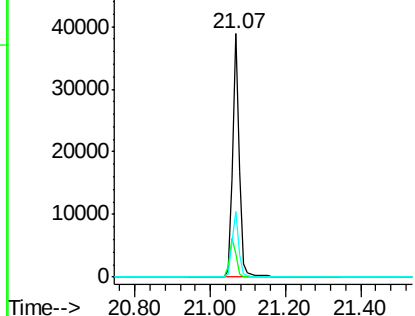


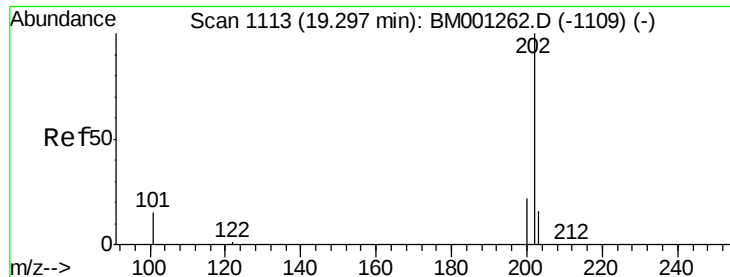
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.07 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM001309.D
Acq: 15 May 2015 01:32

Tgt Ion:240 Resp: 48007
Ion Ratio Lower Upper
240 100
120 9.6 5.5 8.3#
236 27.1 20.4 30.6



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

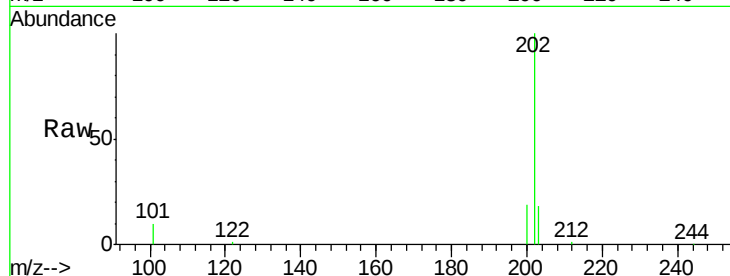




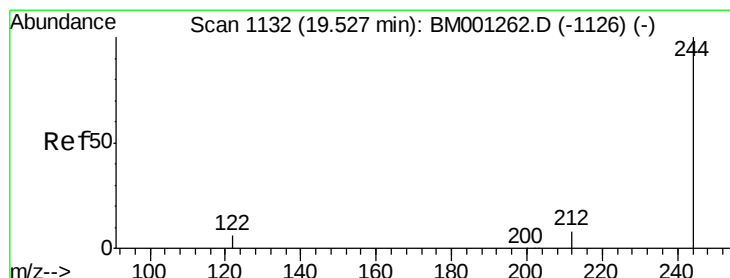
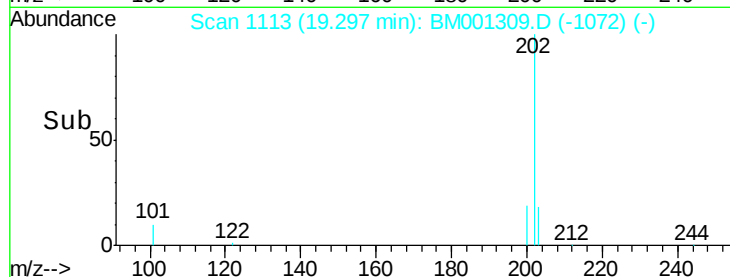
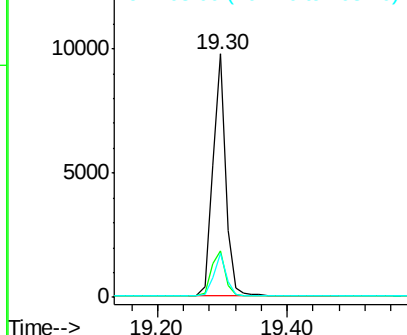
#25
Pvrene
Concen: 0.92 ng
RT: 19.30 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM001309.D
Acq: 15 May 2015 01:32

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion:202 Resp: 13600
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.2 13.9 20.9

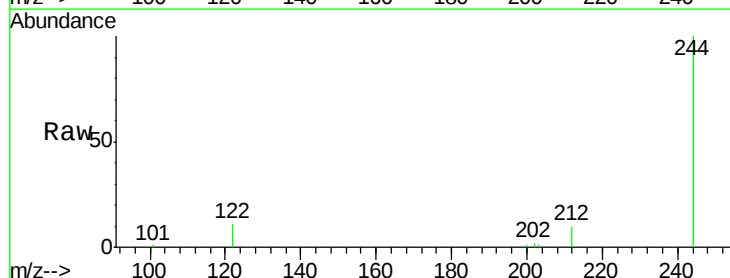


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

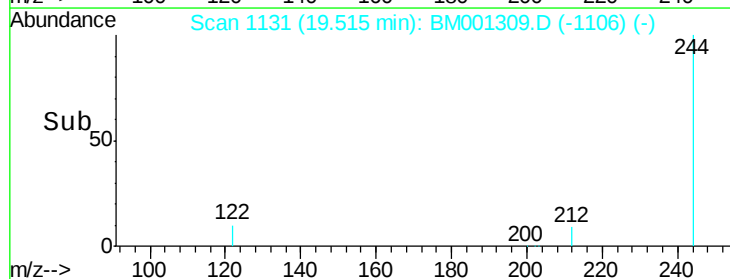
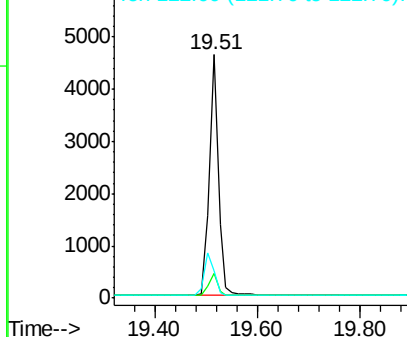


#26
Terphenyl-d14
Concen: 0.90 ng
RT: 19.51 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BM001309.D
Acq: 15 May 2015 01:32

Tgt Ion:244 Resp: 5830
Ion Ratio Lower Upper
244 100
212 10.0 7.2 10.8
122 11.3 5.6 8.4#



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





#27

Benzo(a)anthracene

Concen: 0.93 ng

RT: 21.05 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

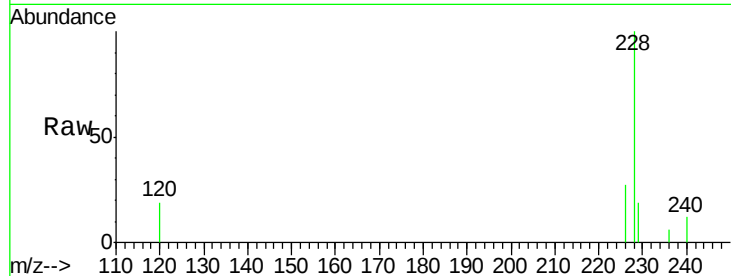
Tot Ion:228 Resp: 12169

Ion Ratio Lower Upper

228 100

226 26.7 20.5 30.7

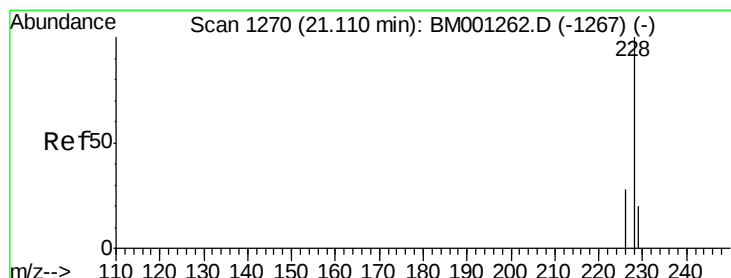
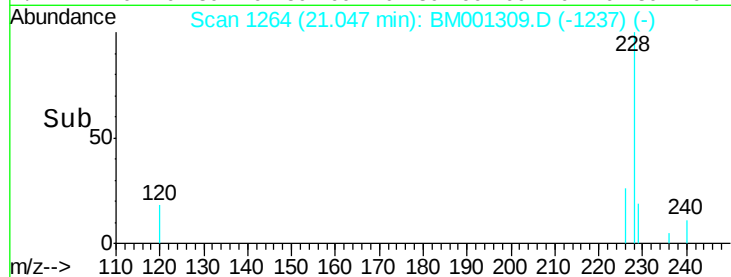
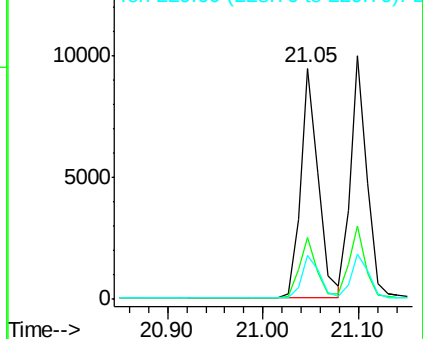
229 19.1 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#28

Chrysene

Concen: 0.93 ng

RT: 21.10 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

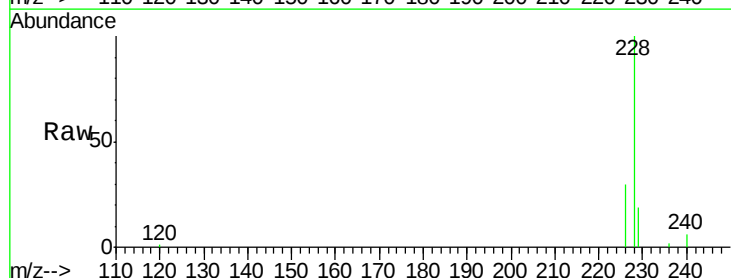
Tgt Ion:228 Resp: 12338

Ion Ratio Lower Upper

228 100

226 30.3 22.2 33.2

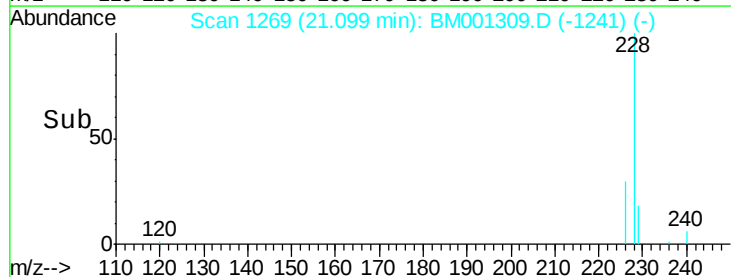
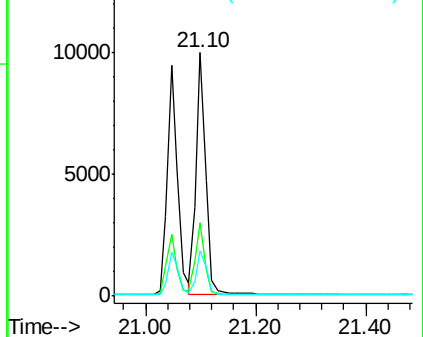
229 18.8 16.5 24.7

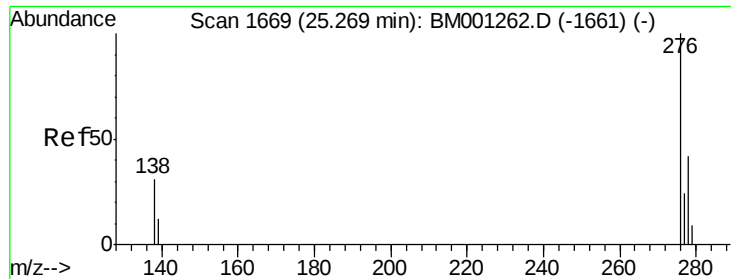


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Indeno(1,2,3-cd)pyrene

Concen: 1.03 ng

RT: 25.26 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

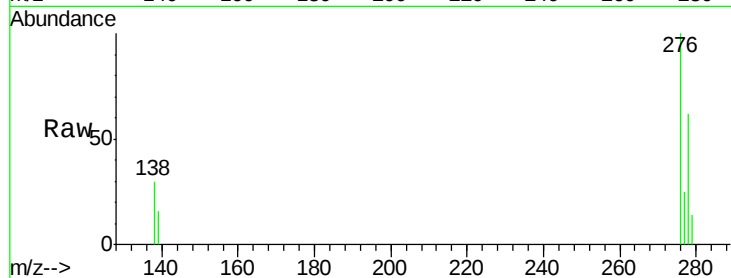
Tot Ion:276 Resp: 13886

Ion Ratio Lower Upper

276 100

138 31.4 24.9 37.3

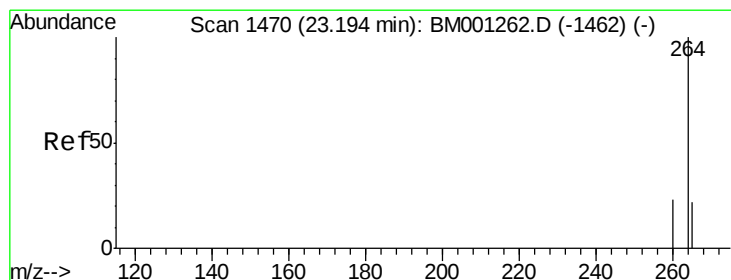
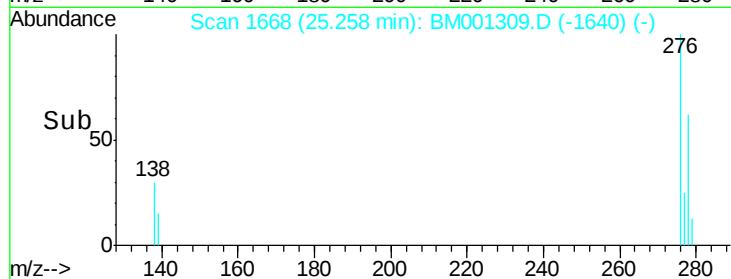
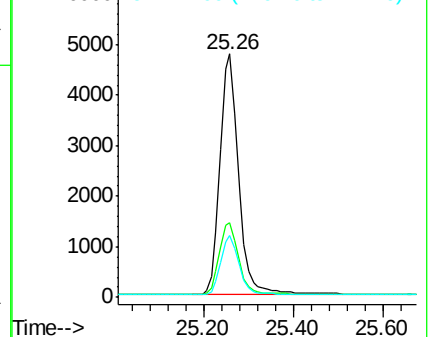
277 24.3 19.5 29.3



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



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.17 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

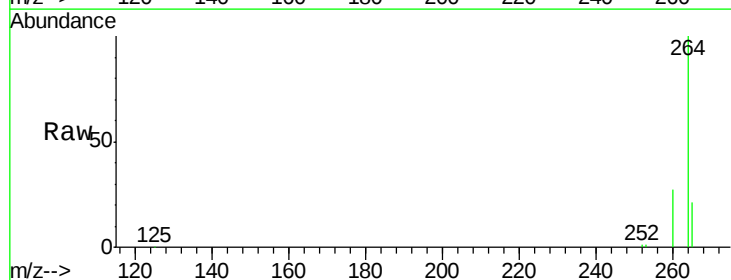
Tgt Ion:264 Resp: 45278

Ion Ratio Lower Upper

264 100

260 26.6 18.9 28.3

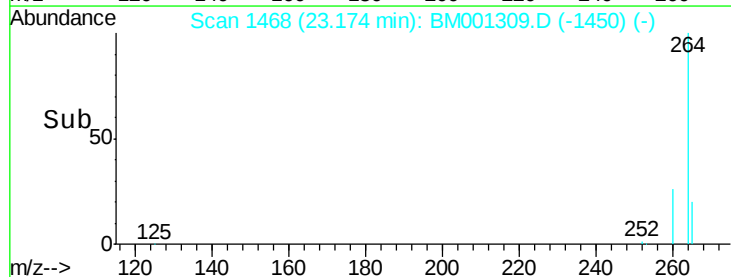
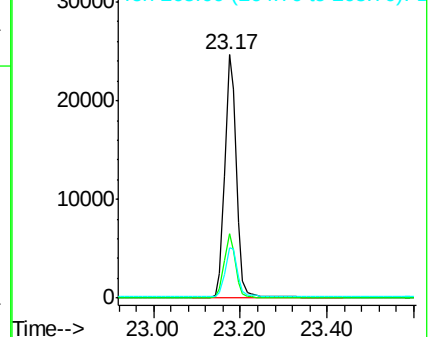
265 20.7 18.1 27.1

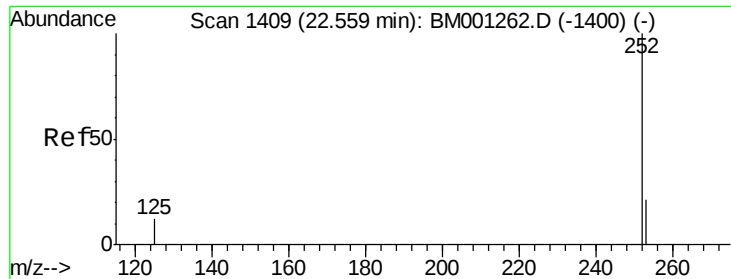


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

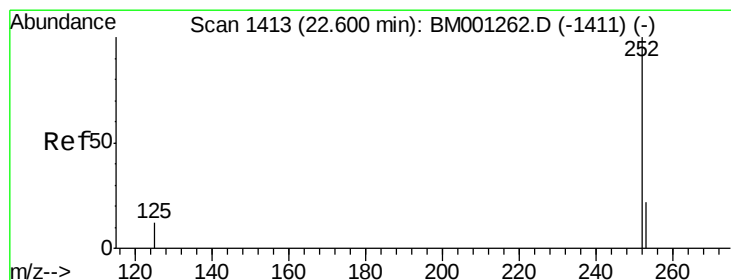
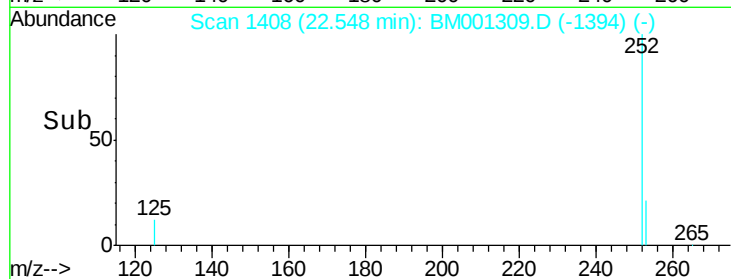
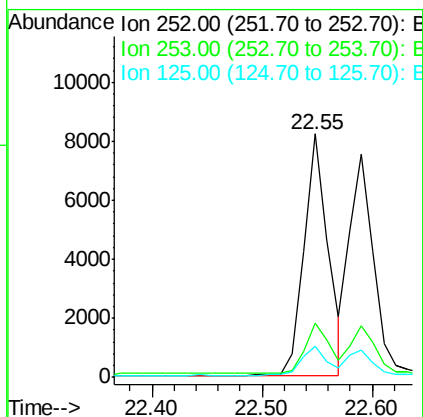
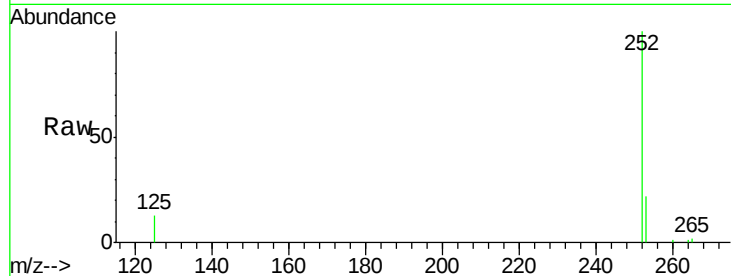




#31
Benzo(b)fluoranthene
Concen: 0.93 ng
RT: 22.55 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BM001309.D
Acq: 15 May 2015 01:32

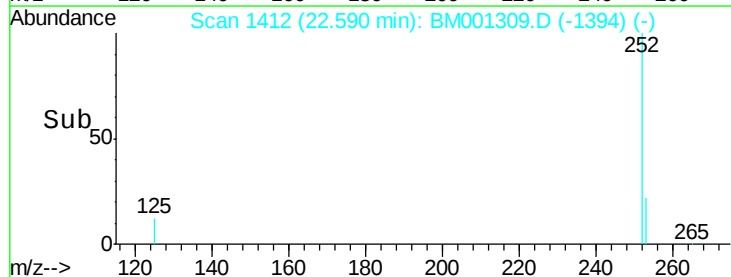
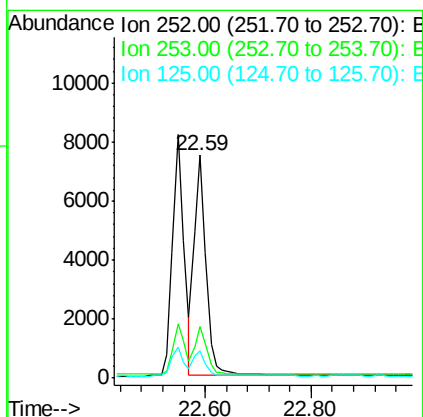
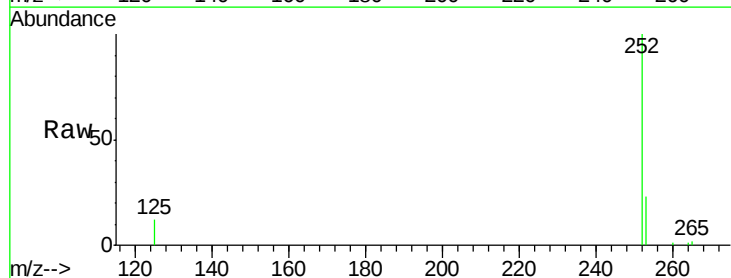
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tot Ion:252 Resp: 12338
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.6
125 12.7 10.4 15.6



#32
Benzo(k)fluoranthene
Concen: 0.93 ng
RT: 22.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BM001309.D
Acq: 15 May 2015 01:32

Tgt Ion:252 Resp: 11756
Ion Ratio Lower Upper
252 100
253 23.0 18.6 27.8
125 12.5 10.2 15.4





#33

Benzo(a)pyrene

Concen: 0.94 ng

RT: 23.08 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

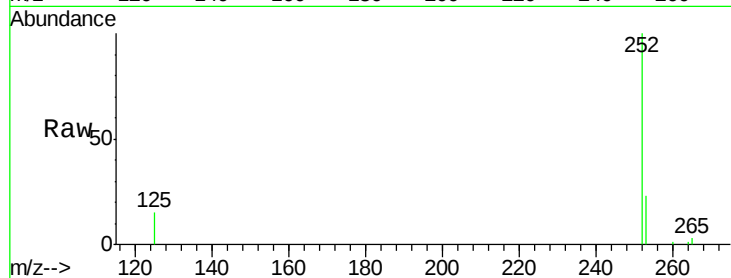
Tot Ion:252 Resp: 10771

Ion Ratio Lower Upper

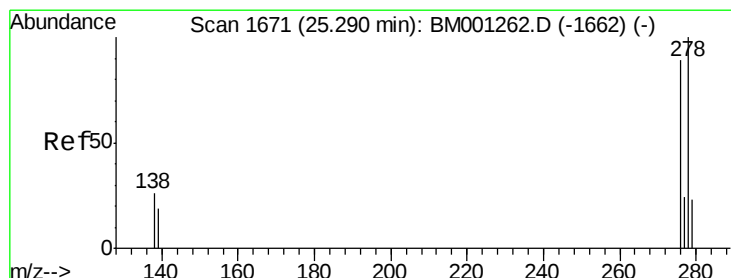
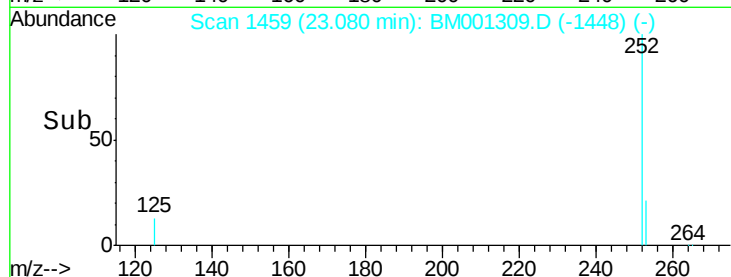
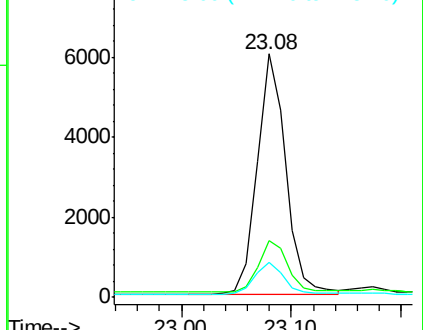
252 100

253 23.2 18.3 27.5

125 14.6 12.2 18.2



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



#34

Dibenzo(a,h)anthracene

Concen: 1.00 ng

RT: 25.27 min Scan# 1669

Delta R.T. -0.02 min

Lab File: BM001309.D

Acq: 15 May 2015 01:32

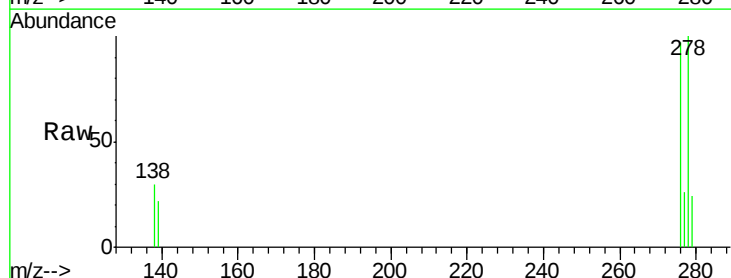
Tgt Ion:278 Resp: 10755

Ion Ratio Lower Upper

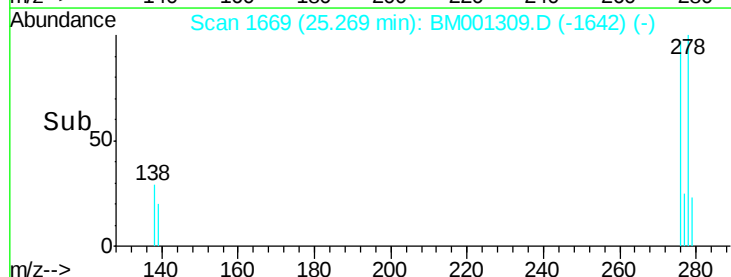
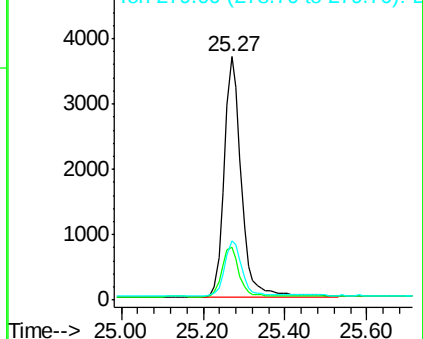
278 100

139 21.6 16.6 24.8

279 24.3 20.0 30.0



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





#35

Benzo(a,h,i)perylene

Concen: 0.99 ng

RT: 25.89 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BM001309.D

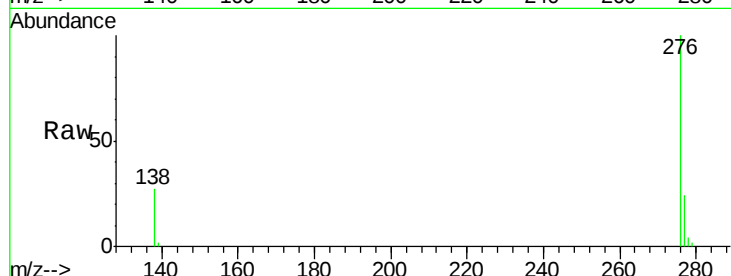
Acq: 15 May 2015 01:32

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



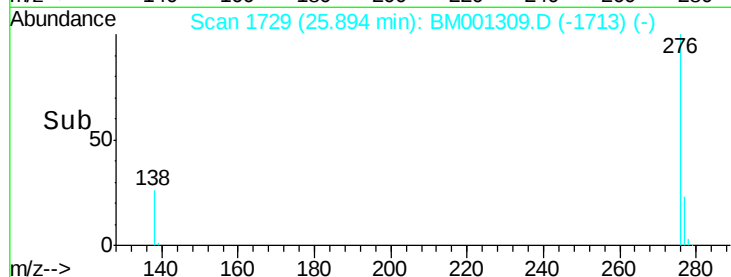
Tot Ion: 276 Resp: 11701

Ion Ratio Lower Upper

276 100

277 24.1 19.9 29.9

138 27.0 21.0 31.4



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

