

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051815\
 Data File : BM001340.D
 Acq On : 18 May 2015 20:59
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: May 19 02:32:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 19 02:11:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	14731	5.00	ng	0.02
6) Naphthalene-d8	10.22	136	53397	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	28033	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	79575	5.00	ng	0.00
24) Chrysene-d12	21.07	240	48579	5.00	ng	-0.01
30) Perylene-d12	23.18	264	43809	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.02	112	2689	0.94	ng	0.00
5) Phenol-d6	6.63	99	3138	0.97	ng	0.00
7) Nitrobenzene-d5	8.60	82	2744	0.91	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	590	0.70	ng	0.00
14) 2-Fluorobiphenyl	12.73	172	8375	0.96	ng	0.00
26) Terphenyl-d14	19.51	244	6234	0.96	ng	0.00

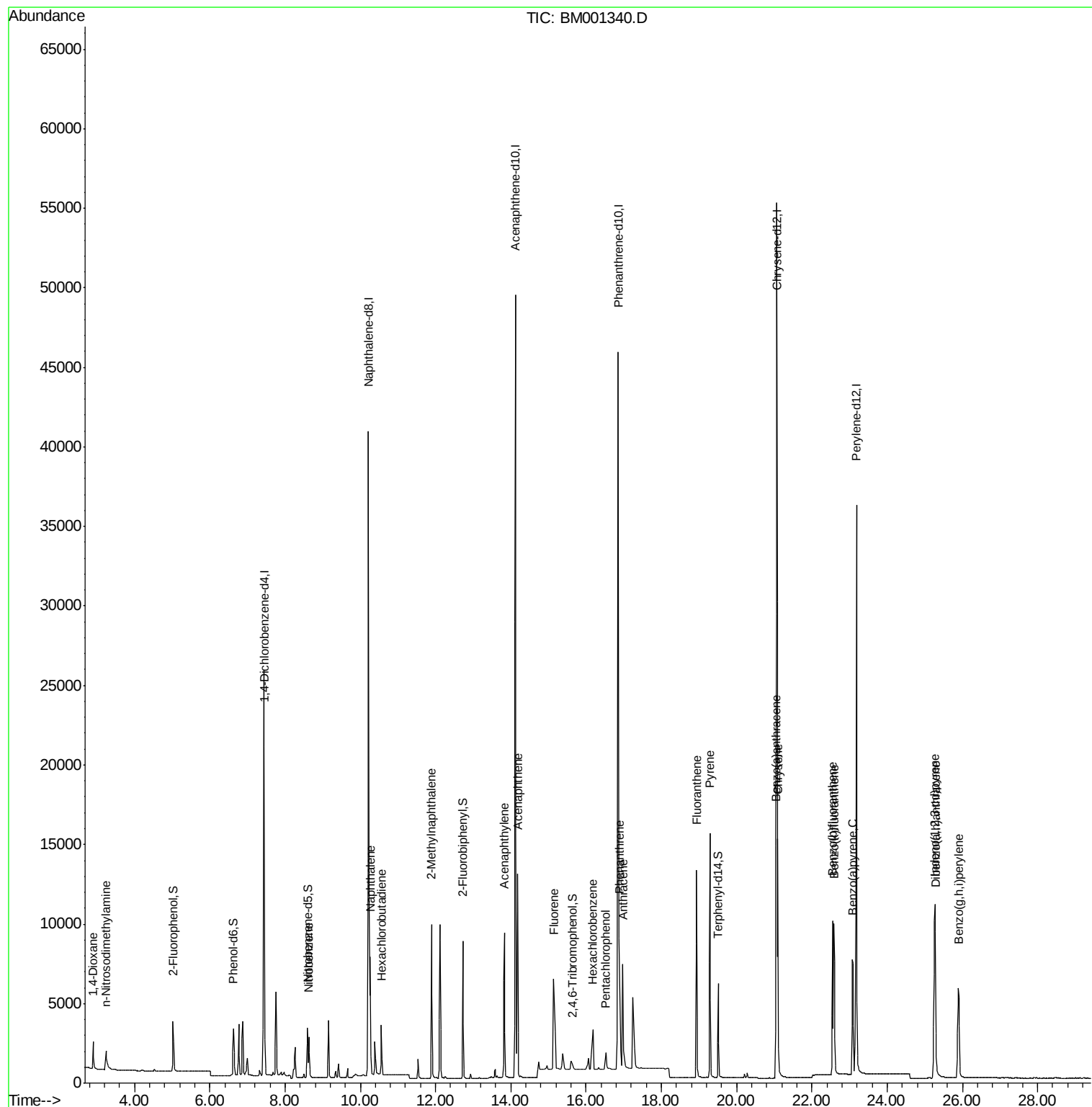
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.90	88	1212	0.40	ng	# 55
3) n-Nitrosodimethylamine	3.24	42	1546	0.93	ng	# 95
8) Nitrobenzene	8.64	77	2776	0.88	ng	99
9) Naphthalene	10.27	128	10954	0.96	ng	98
10) Hexachlorobutadiene	10.56	225	2117	0.95	ng	99
11) 2-Methylnaphthalene	11.90	142	7067	0.96	ng	92
15) Acenaphthylene	13.83	152	10933	0.95	ng	99
16) Acenaphthene	14.18	154	6995	0.95	ng	98
17) Fluorene	15.14	166	5671	0.85	ng	# 83
19) Hexachlorobenzene	16.18	284	3658	0.71	ng	# 86
20) Pentachlorophenol	16.52	266	782	0.91	ng	92
21) Phenanthrene	16.88	178	11604	0.96	ng	# 96
22) Anthracene	16.98	178	10931	0.93	ng	# 97
23) Fluoranthene	18.93	202	13367	0.70	ng	100
25) Pyrene	19.30	202	13939	0.93	ng	100
27) Benzo(a)anthracene	21.05	228	12170	0.92	ng	93
28) Chrysene	21.10	228	12661	0.95	ng	94
29) Indeno(1,2,3-cd)pyrene	25.26	276	12791	0.94	ng	99
31) Benzo(b)fluoranthene	22.55	252	11628	0.91	ng	99
32) Benzo(k)fluoranthene	22.59	252	11921	0.98	ng	99
33) Benzo(a)pyrene	23.08	252	10338	0.93	ng	99
34) Dibenzo(a,h)anthracene	25.28	278	9916	0.95	ng	99
35) Benzo(g,h,i)perylene	25.89	276	10805	0.94	ng	98

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

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.45 min Scan# 309

Delta R.T. 0.02 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

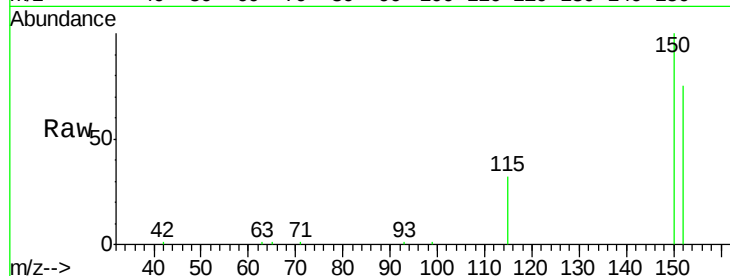
Tgt Ion: 152 Resp: 14731

Ion Ratio Lower Upper

152 100

150 133.7 114.6 172.0

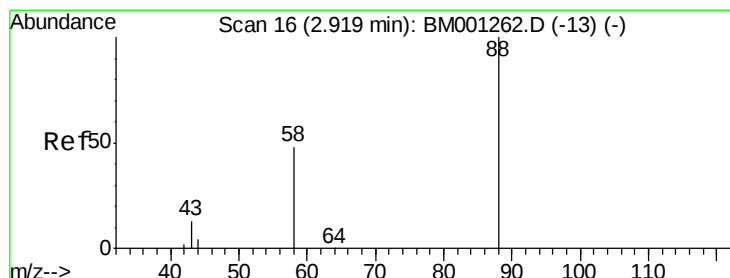
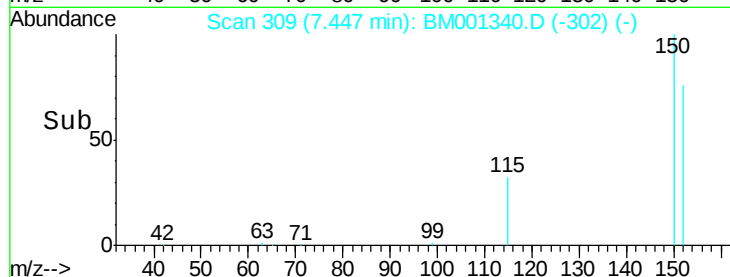
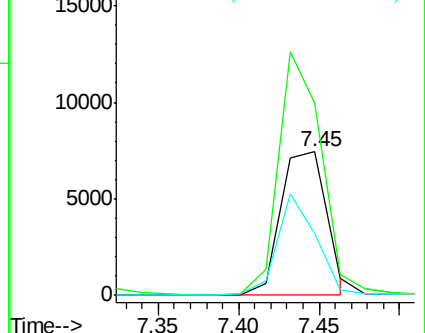
115 43.3 39.3 58.9



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: 0.40 ng

RT: 2.90 min Scan# 15

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

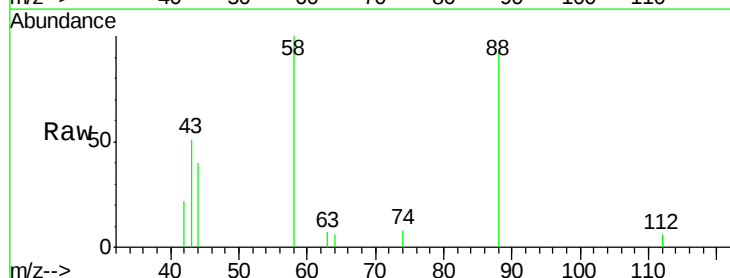
Tgt Ion: 88 Resp: 1212

Ion Ratio Lower Upper

88 100

58 83.9 39.0 58.6#

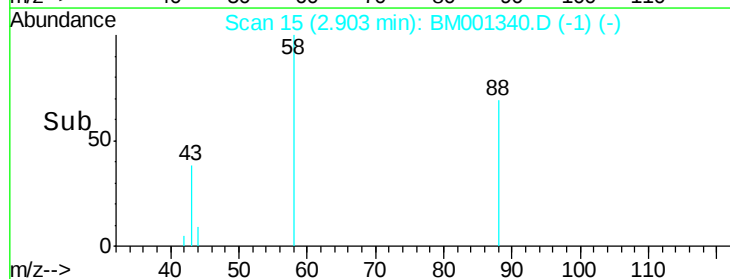
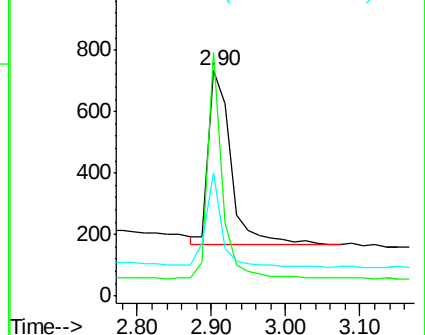
43 40.8 20.2 30.2#



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: 0.93 ng

RT: 3.24 min Scan# 37

Delta R.T. 0.02 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

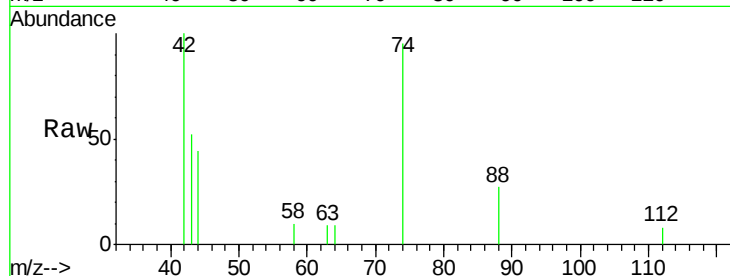
Tgt Ion: 42 Resp: 1546

Ion Ratio Lower Upper

42 100

74 97.2 82.1 123.1

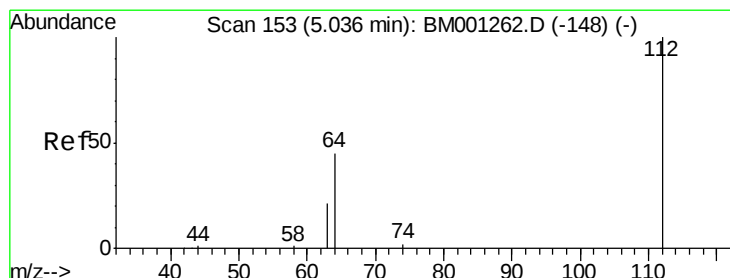
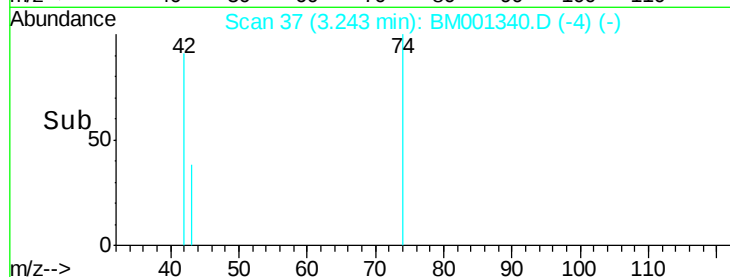
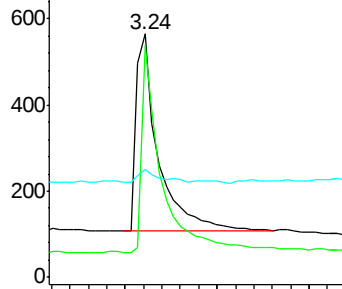
44 5.7 3.0 4.4#



Abundance Ion 42.00 (41.70 to 42.70): BM001340.D (-4) (-)

Ion 74.00 (73.70 to 74.70): BM001340.D (-4) (-)

Ion 44.00 (43.70 to 44.70): BM001340.D (-4) (-)



#4

2-Fluorophenol

Concen: 0.94 ng

RT: 5.02 min Scan# 152

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

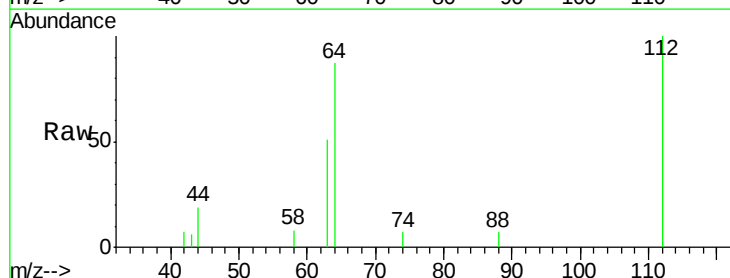
Tgt Ion: 112 Resp: 2689

Ion Ratio Lower Upper

112 100

64 65.9 50.8 76.2

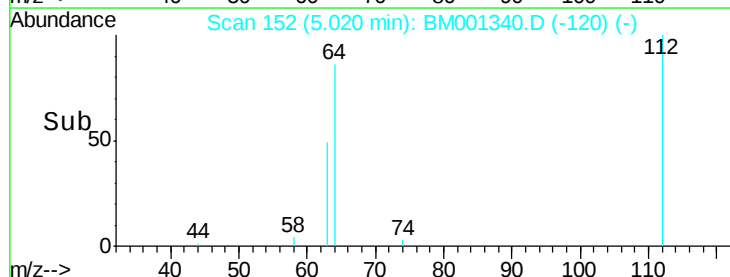
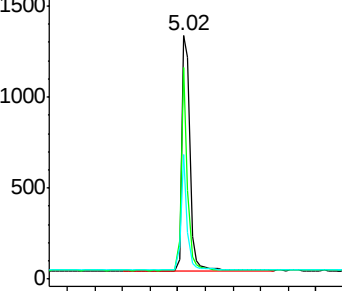
63 36.2 28.2 42.4

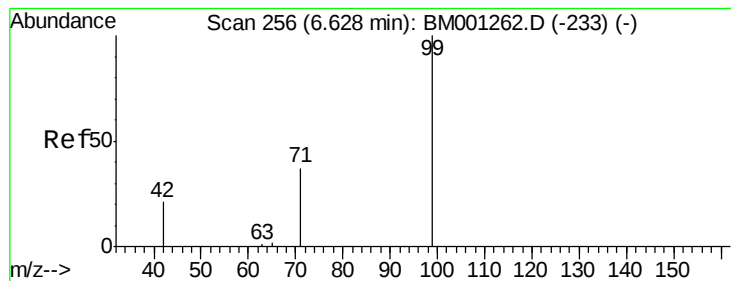


Abundance Ion 112.00 (111.70 to 112.70): BM001340.D (-120) (-)

Ion 64.00 (63.70 to 64.70): BM001340.D (-120) (-)

Ion 63.00 (62.70 to 63.70): BM001340.D (-120) (-)





#5

Phenol-d6

Concen: 0.97 ng

RT: 6.63 min Scan# 256

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

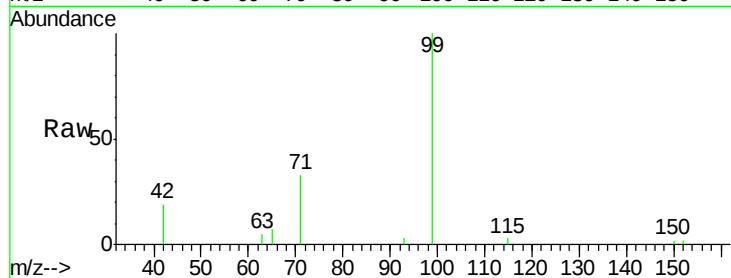
Tgt Ion: 99 Resp: 3138

Ion Ratio Lower Upper

99 100

42 25.1 19.9 29.9

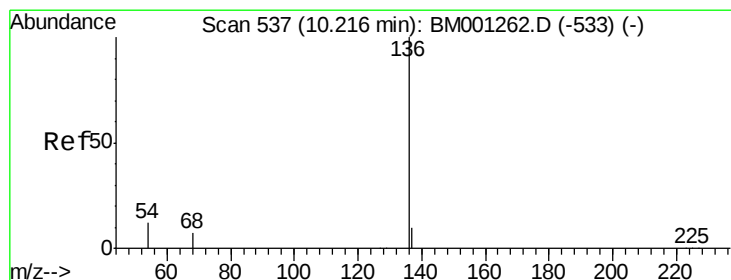
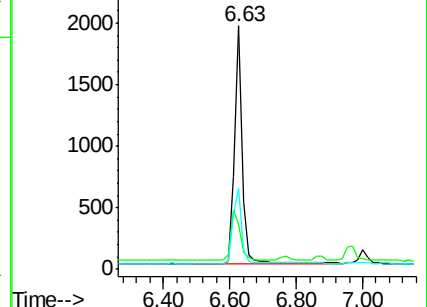
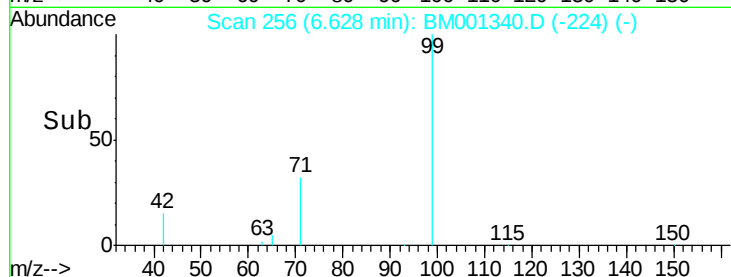
71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001340.D (-224) (-)

Ion 42.00 (41.70 to 42.70): BM001340.D (-224) (-)

Ion 71.00 (70.70 to 71.70): BM001340.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Tgt Ion: 136 Resp: 53397

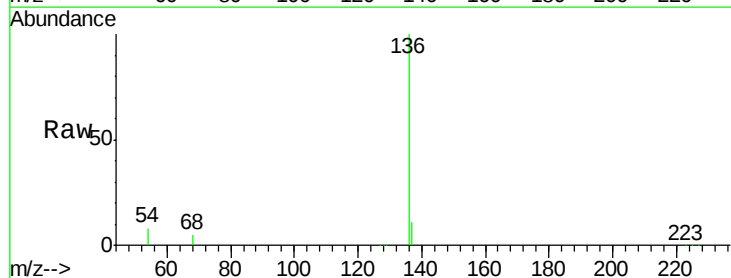
Ion Ratio Lower Upper

136 100

137 10.8 8.2 12.4

54 8.4 9.5 14.3#

68 5.1 5.5 8.3#

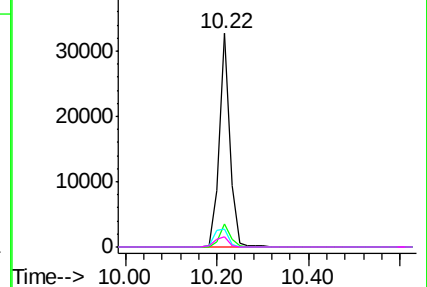
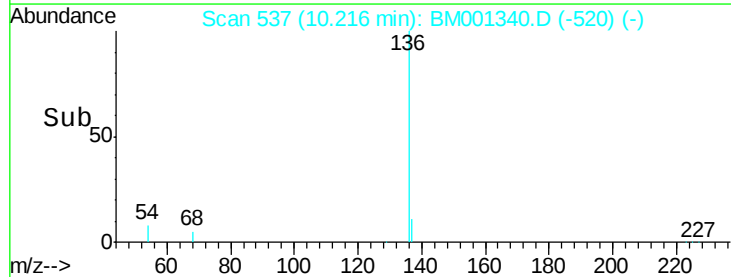


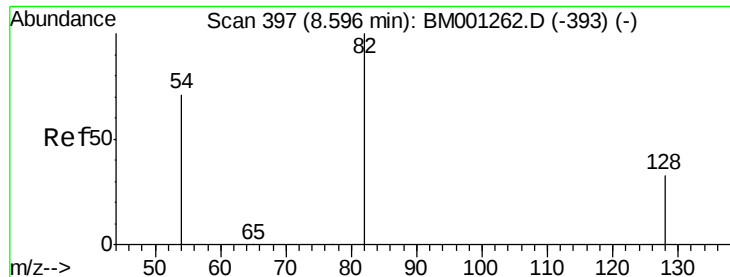
Abundance Ion 136.00 (135.70 to 136.70): BM001340.D (-520) (-)

Ion 137.00 (136.70 to 137.70): BM001340.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BM001340.D (-520) (-)

Ion 68.00 (67.70 to 68.70): BM001340.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 0.91 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

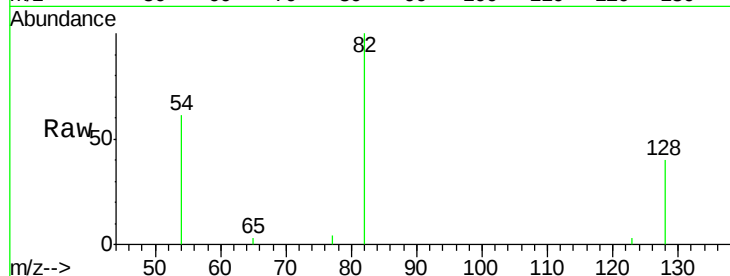
Tgt Ion: 82 Resp: 2744

Ion Ratio Lower Upper

82 100

128 40.4 28.0 42.0

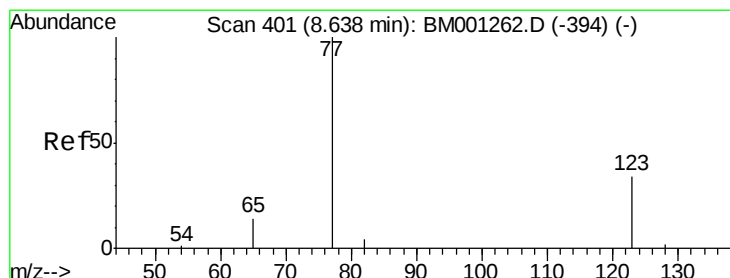
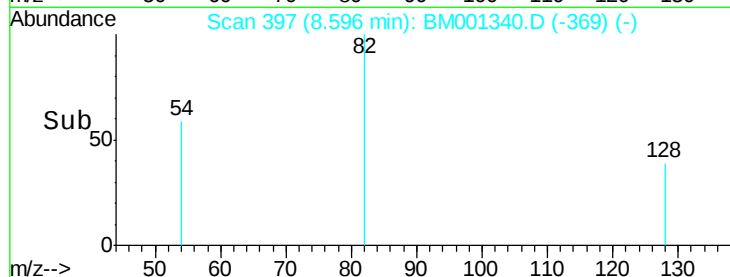
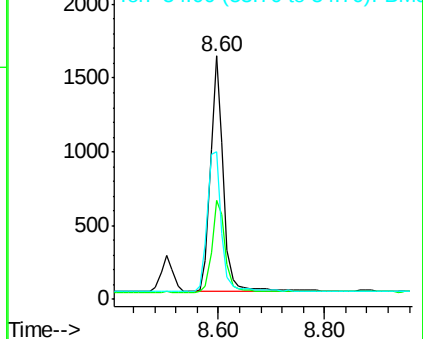
54 60.8 57.3 85.9



Abundance Ion 82.00 (81.70 to 82.70): BM001340.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001340.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001340.D (-369) (-)



#8

Nitrobenzene

Concen: 0.88 ng

RT: 8.64 min Scan# 401

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

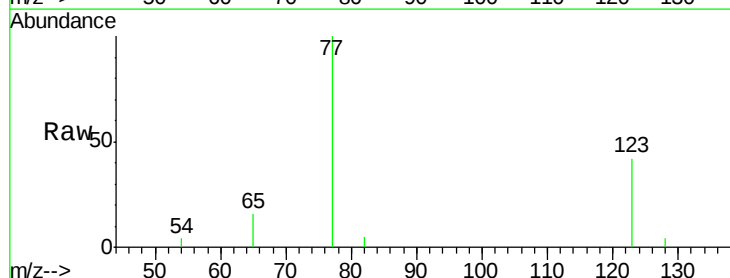
Tgt Ion: 77 Resp: 2776

Ion Ratio Lower Upper

77 100

123 41.8 33.4 50.2

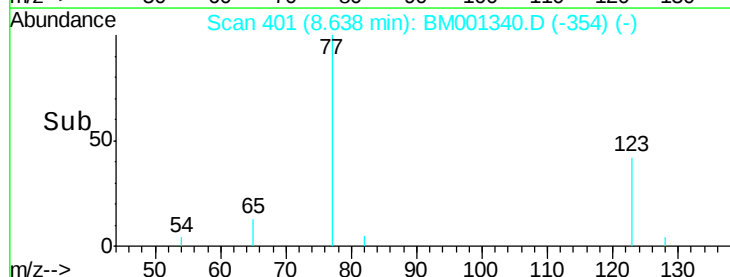
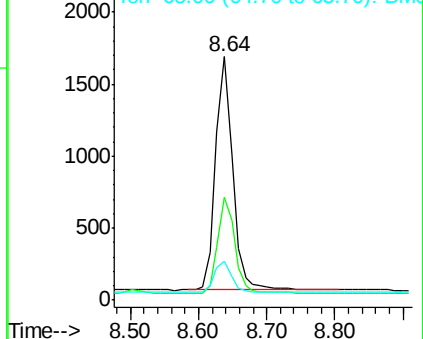
65 14.6 10.6 15.8

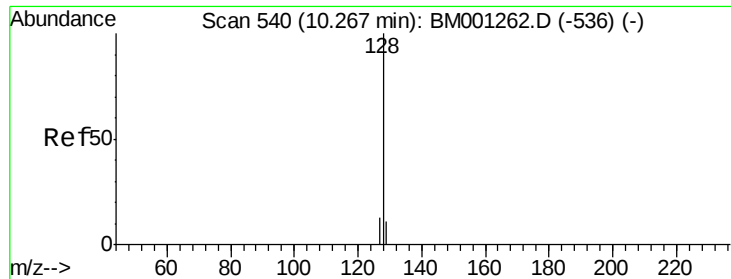


Abundance Ion 77.00 (76.70 to 77.70): BM001340.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001340.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001340.D (-354) (-)





#9

Naphthalene

Concen: 0.96 ng

RT: 10.27 min Scan# 540

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

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SSTDCCC001EC

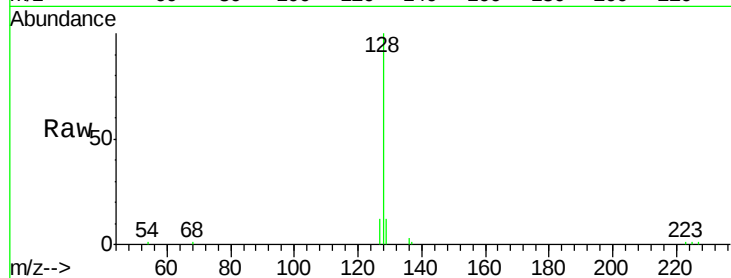
Tgt Ion:128 Resp: 10954

Ion Ratio Lower Upper

128 100

129 12.1 9.1 13.7

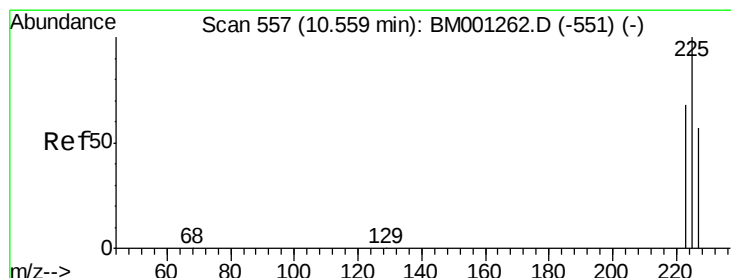
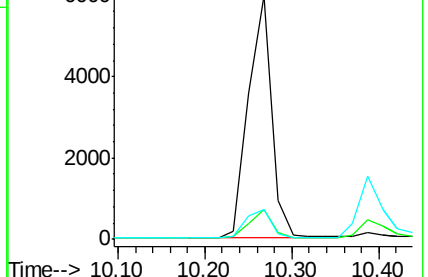
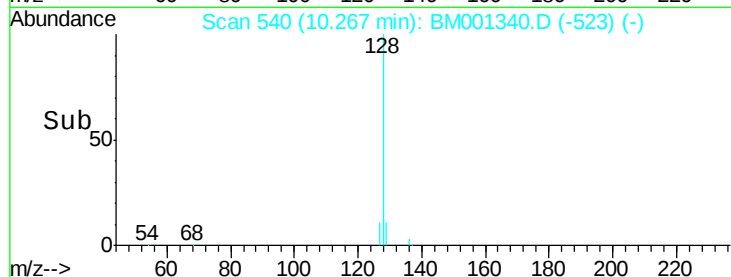
127 12.1 10.6 16.0



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: 0.95 ng

RT: 10.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

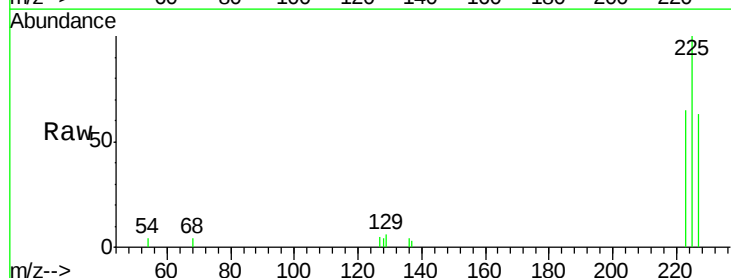
Tgt Ion:225 Resp: 2117

Ion Ratio Lower Upper

225 100

223 63.8 49.6 74.4

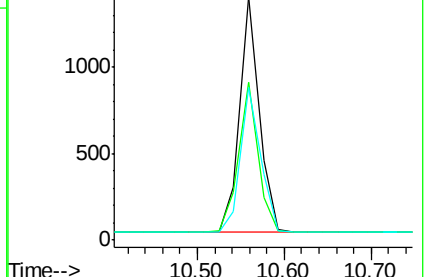
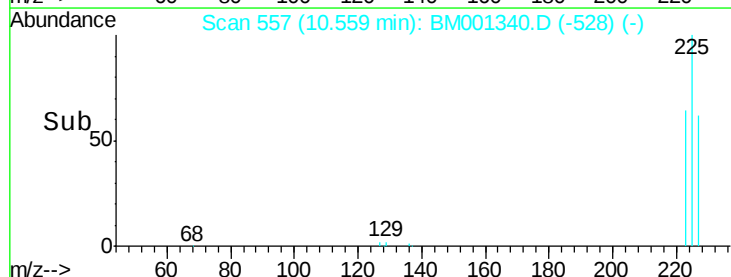
227 64.1 51.4 77.2

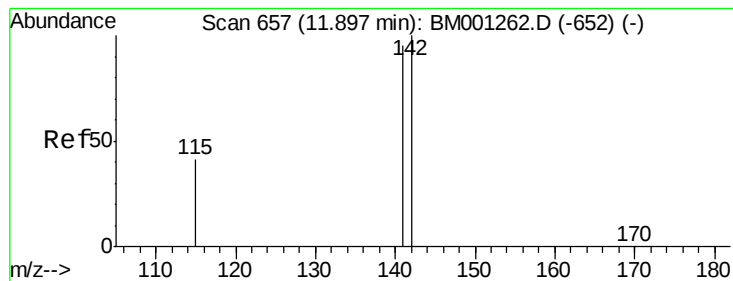


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.96 ng

RT: 11.90 min Scan# 657

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

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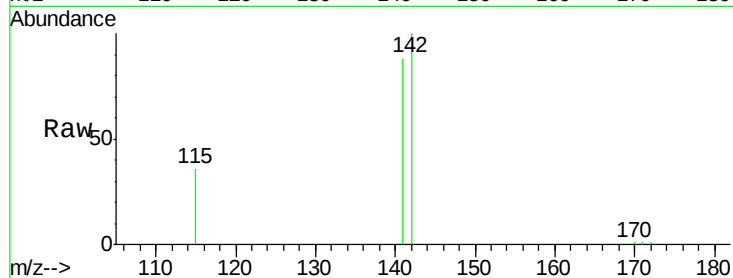
Tgt Ion:142 Resp: 7067

Ion Ratio Lower Upper

142 100

141 88.1 76.1 114.1

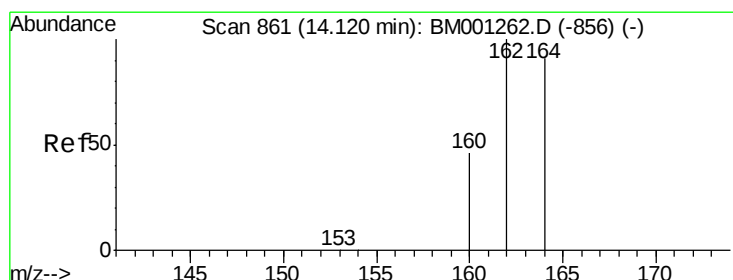
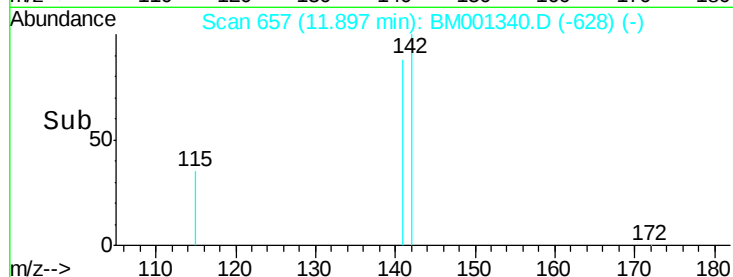
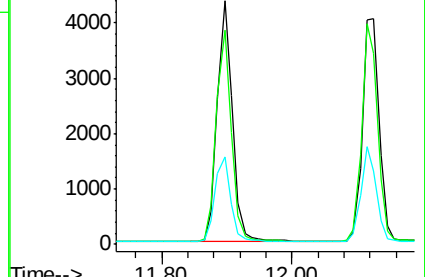
115 35.8 33.1 49.7



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: BM001340.D

Acq: 18 May 2015 20:59

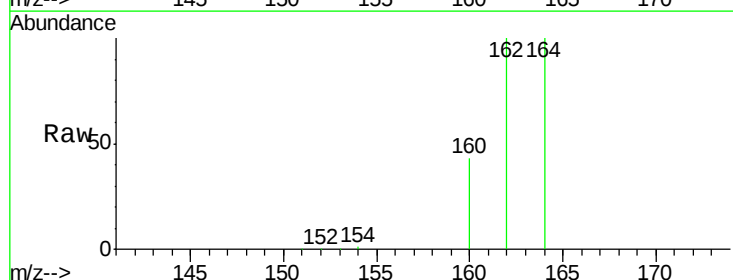
Tgt Ion:164 Resp: 28033

Ion Ratio Lower Upper

164 100

162 99.9 87.9 131.9

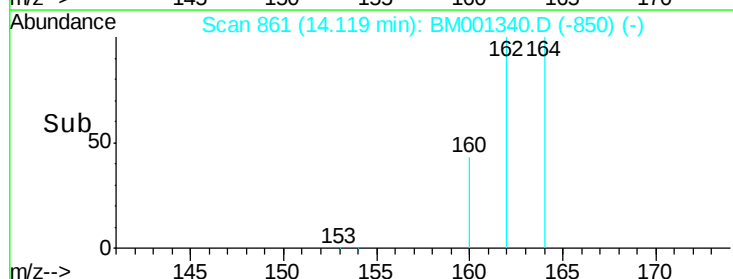
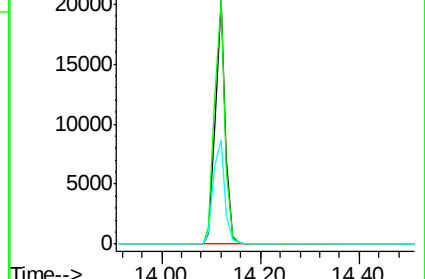
160 42.9 40.9 61.3



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

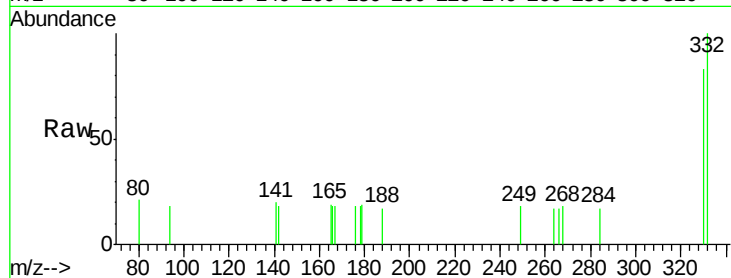




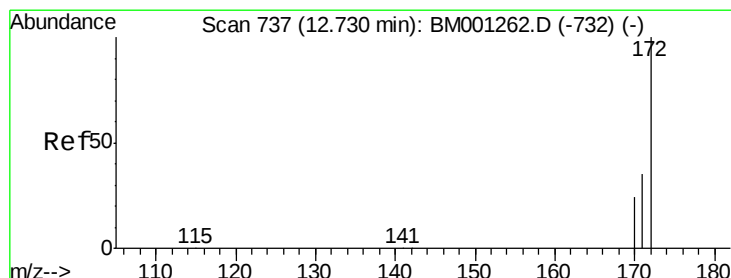
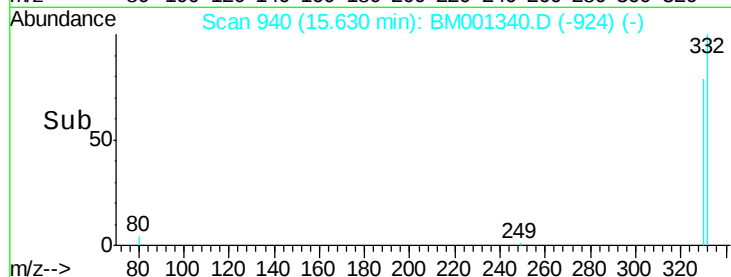
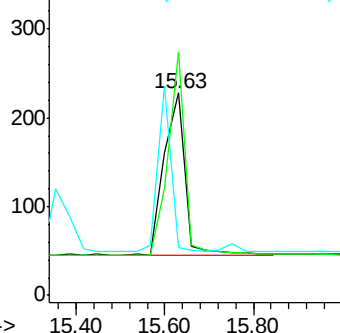
#13
 2,4,6-Tribromophenol
 Concen: 0.70 ng
 RT: 15.63 min Scan# 940
 Delta R.T. -0.00 min
 Lab File: BM001340.D
 Acq: 18 May 2015 20:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:330 Resp: 590
 Ion Ratio Lower Upper
 330 100
 332 102.0 89.0 133.4
 141 0.0 0.0 0.0

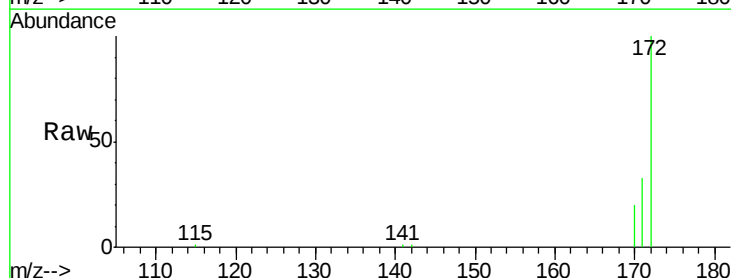


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

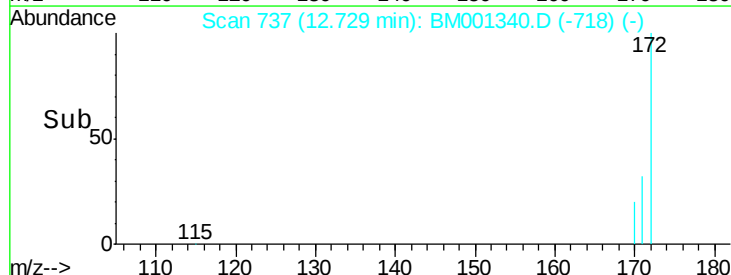
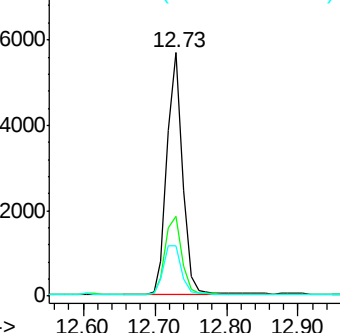


#14
 2-Fluorobiphenyl
 Concen: 0.96 ng
 RT: 12.73 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BM001340.D
 Acq: 18 May 2015 20:59

Tgt Ion:172 Resp: 8375
 Ion Ratio Lower Upper
 172 100
 171 32.8 28.7 43.1
 170 20.4 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

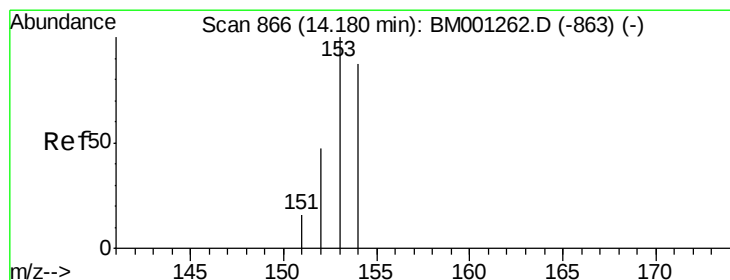
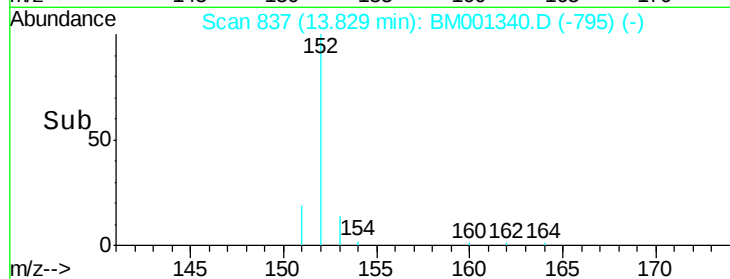
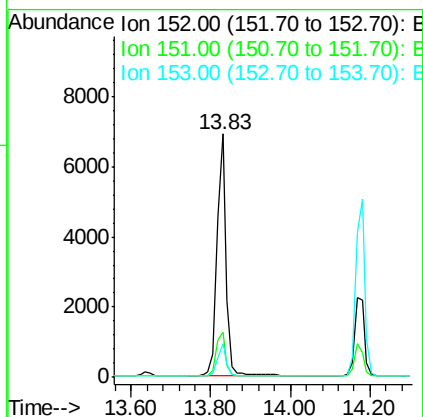
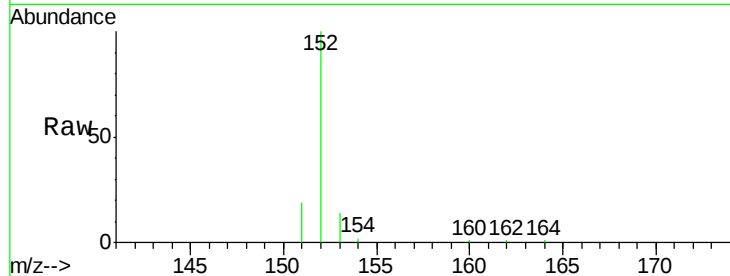




#15
Acenaphthylene
Concen: 0.95 ng
RT: 13.83 min Scan# 837
Delta R.T. -0.00 min
Lab File: BM001340.D
Acq: 18 May 2015 20:59

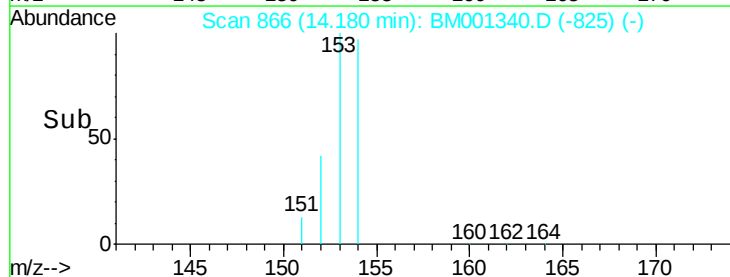
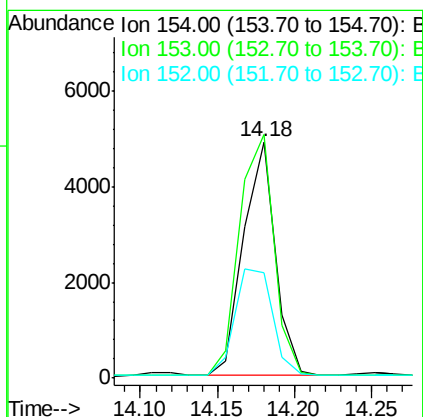
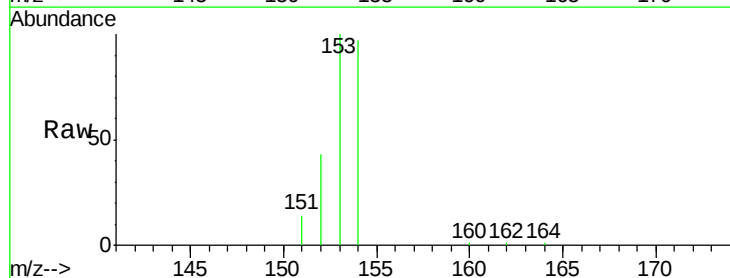
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

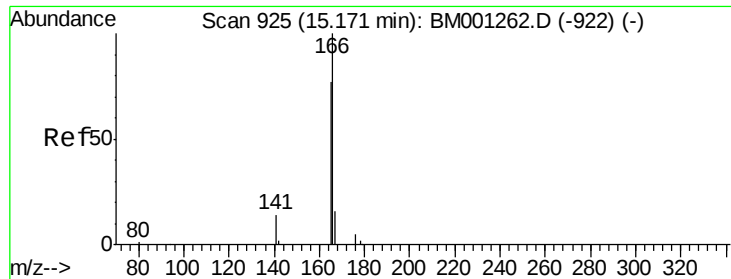
Tgt Ion:152 Resp: 10933
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.4
153 12.8 10.1 15.1



#16
Acenaphthene
Concen: 0.95 ng
RT: 14.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: BM001340.D
Acq: 18 May 2015 20:59

Tgt Ion:154 Resp: 6995
Ion Ratio Lower Upper
154 100
153 112.7 91.4 137.2
152 54.0 44.3 66.5

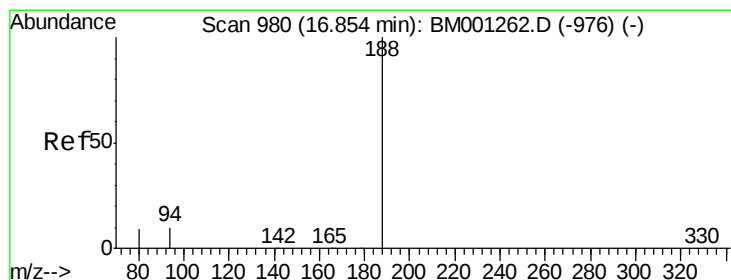
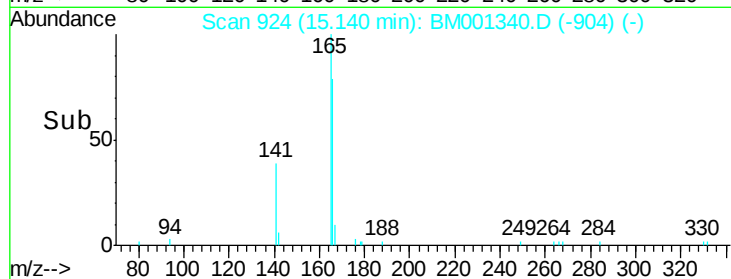
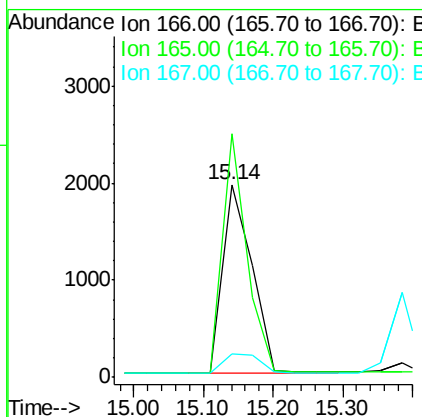
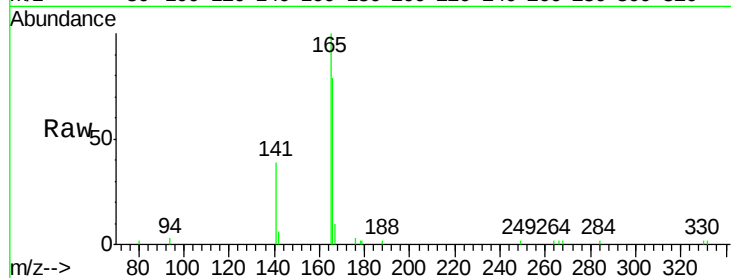




#17
Fluorene
 Concen: 0.85 ng
 RT: 15.14 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BM001340.D
 Acq: 18 May 2015 20:59

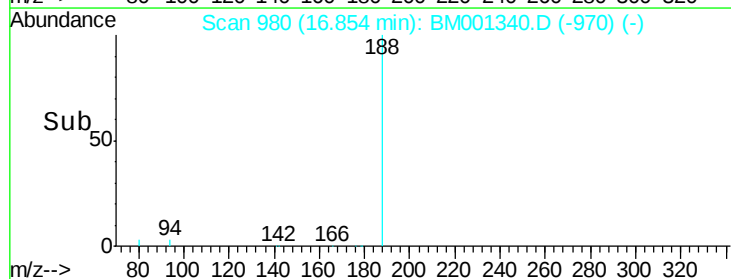
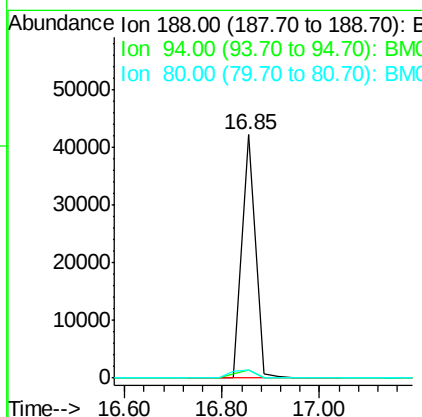
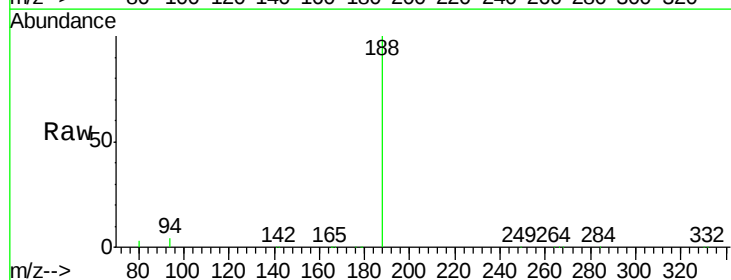
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:166 Resp: 5671
 Ion Ratio Lower Upper
 166 100
 165 106.4 70.6 106.0#
 167 12.7 11.3 16.9



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.85 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM001340.D
 Acq: 18 May 2015 20:59

Tgt Ion:188 Resp: 79575
 Ion Ratio Lower Upper
 188 100
 94 3.6 7.8 11.8#
 80 3.1 7.5 11.3#

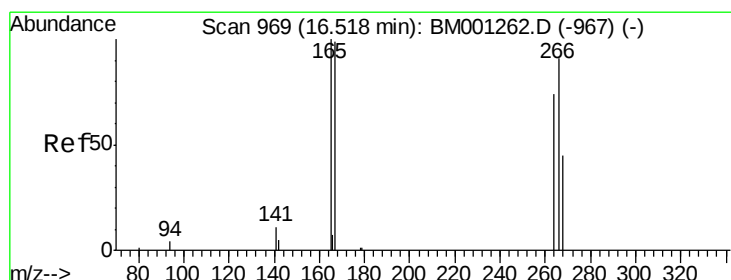
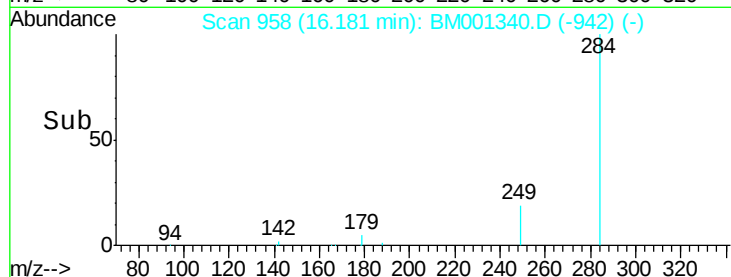
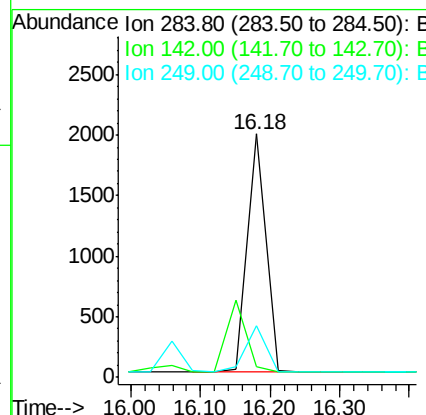
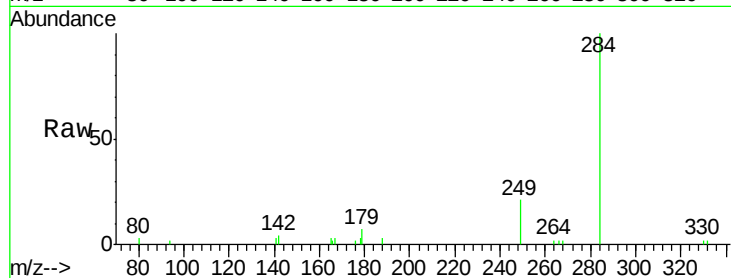




#19
Hexachlorobenzene
Concen: 0.71 ng
RT: 16.18 min Scan# 958
Delta R.T. -0.00 min
Lab File: BM001340.D
Acq: 18 May 2015 20:59

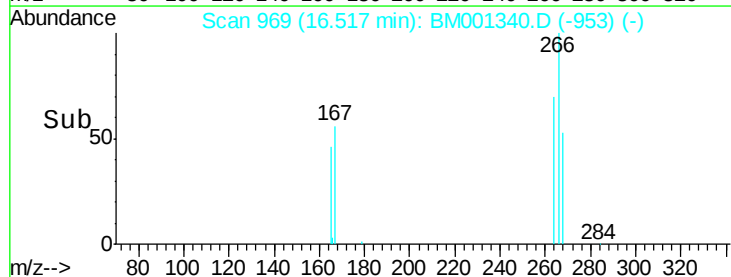
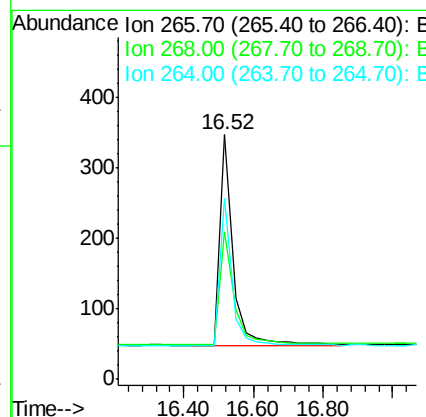
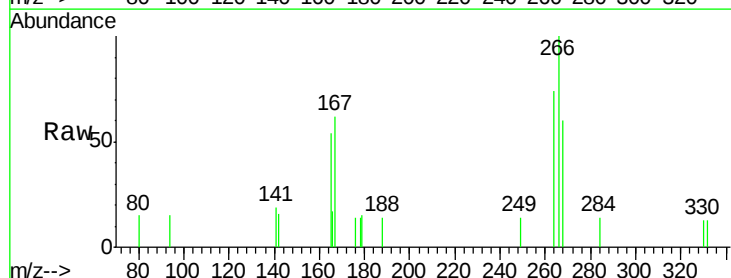
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

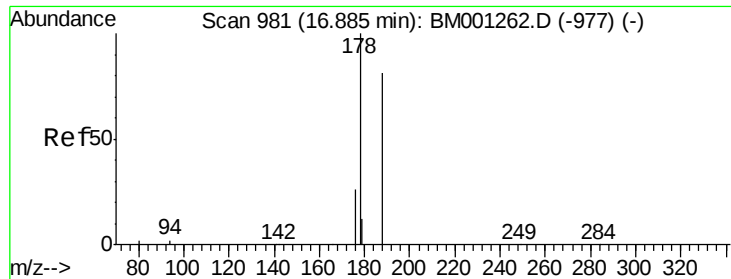
Tgt Ion:284 Resp: 3658
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 21.2 22.7 34.1#



#20
Pentachlorophenol
Concen: 0.91 ng
RT: 16.52 min Scan# 969
Delta R.T. -0.00 min
Lab File: BM001340.D
Acq: 18 May 2015 20:59

Tgt Ion:266 Resp: 782
Ion Ratio Lower Upper
266 100
268 59.9 49.4 74.0
264 73.8 67.8 101.6

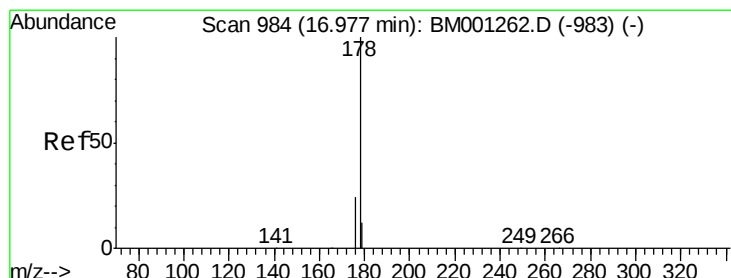
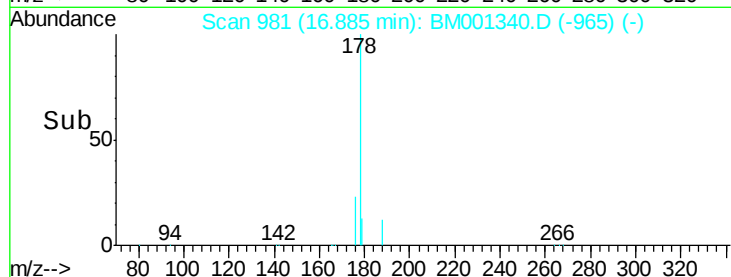
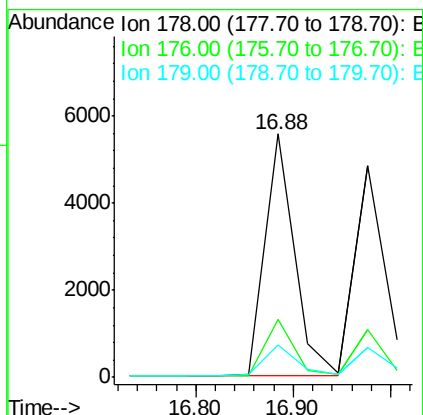
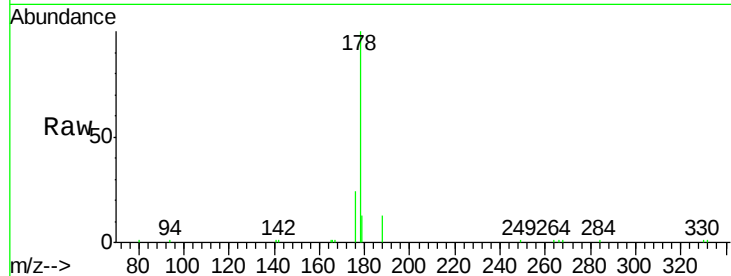




#21
Phenanthrene
Concen: 0.96 ng
RT: 16.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: BM001340.D
Acq: 18 May 2015 20:59

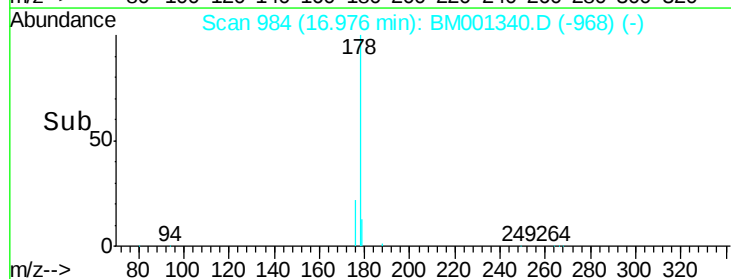
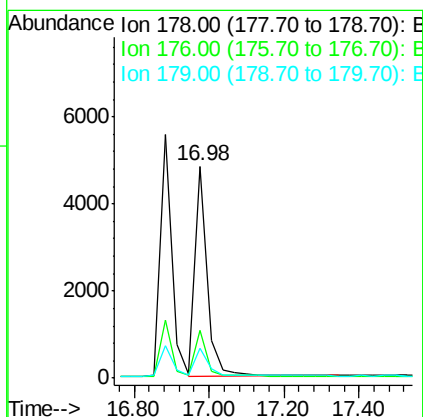
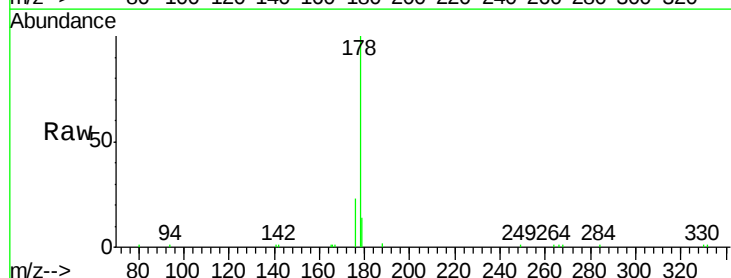
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

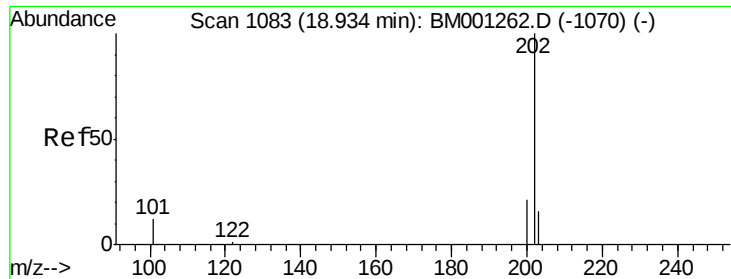
Tgt Ion:178 Resp: 11604
Ion Ratio Lower Upper
178 100
176 21.8 15.9 23.9
179 13.9 0.0 0.0#



#22
Anthracene
Concen: 0.93 ng
RT: 16.98 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM001340.D
Acq: 18 May 2015 20:59

Tgt Ion:178 Resp: 10931
Ion Ratio Lower Upper
178 100
176 20.6 15.3 22.9
179 14.2 0.0 0.0#





#23

Fluoranthene

Concen: 0.70 ng

RT: 18.93 min Scan# 1083

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

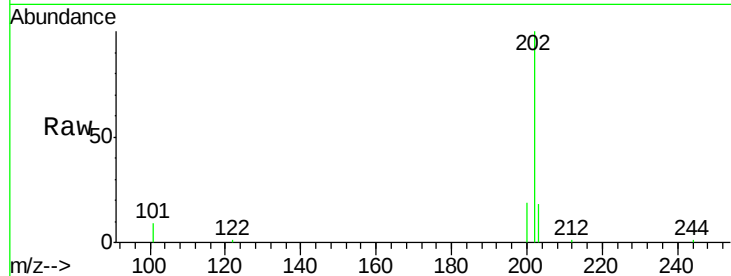
Tgt Ion:202 Resp: 13367

Ion Ratio Lower Upper

202 100

101 11.2 9.1 13.7

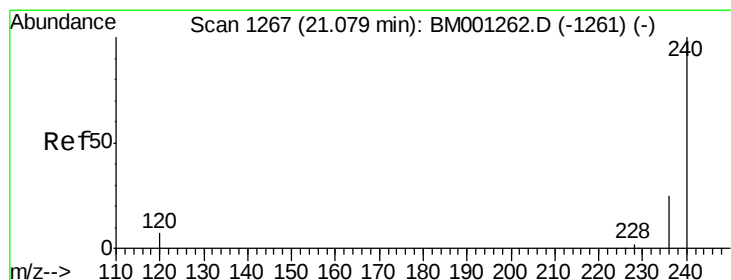
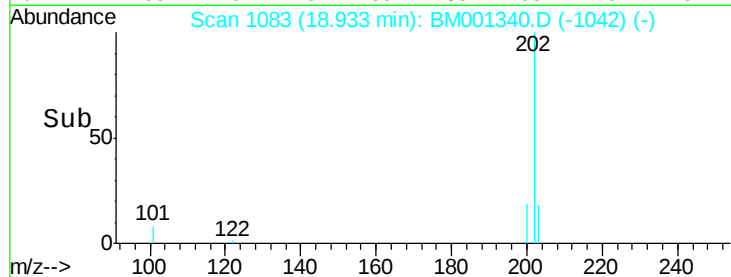
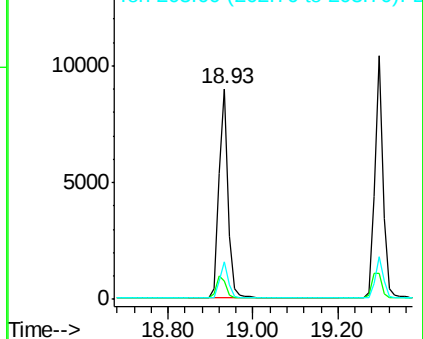
203 17.2 13.8 20.6



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: BM001340.D

Acq: 18 May 2015 20:59

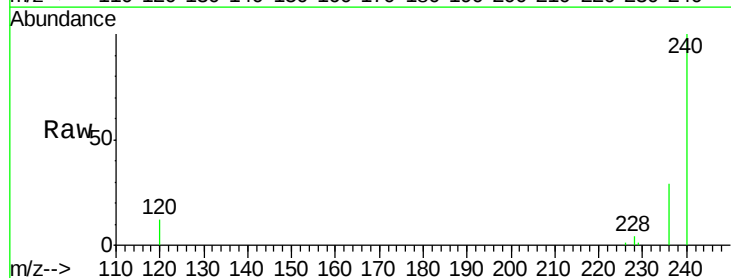
Tgt Ion:240 Resp: 48579

Ion Ratio Lower Upper

240 100

120 12.4 5.5 8.3#

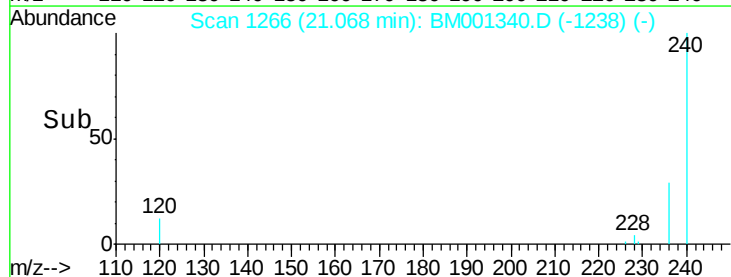
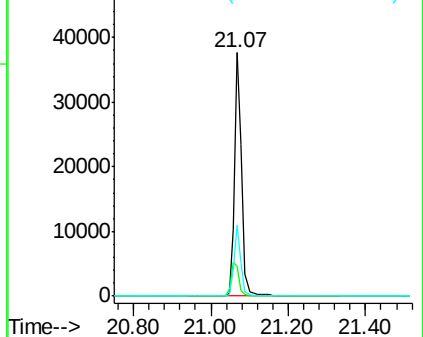
236 29.0 20.4 30.6

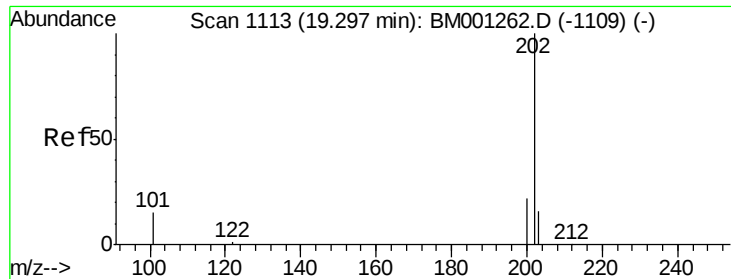


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

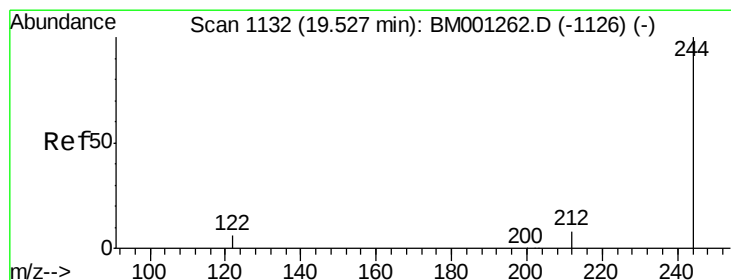
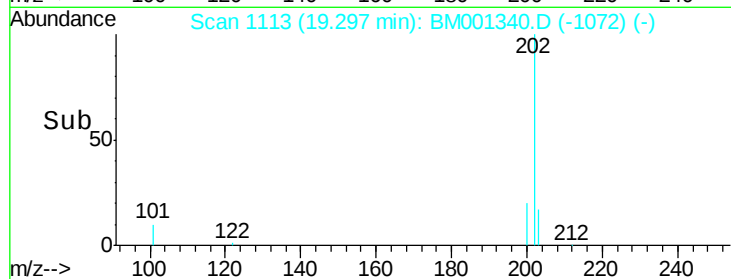
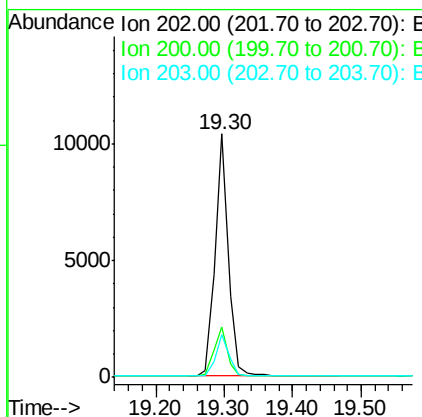
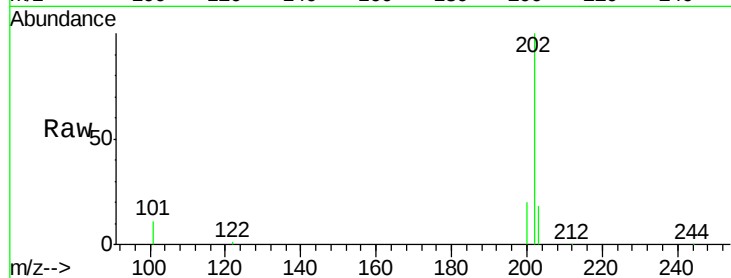




#25
 Pyrene
 Concen: 0.93 ng
 RT: 19.30 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BM001340.D
 Acq: 18 May 2015 20:59

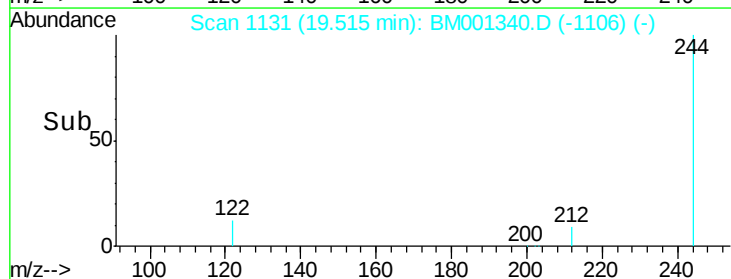
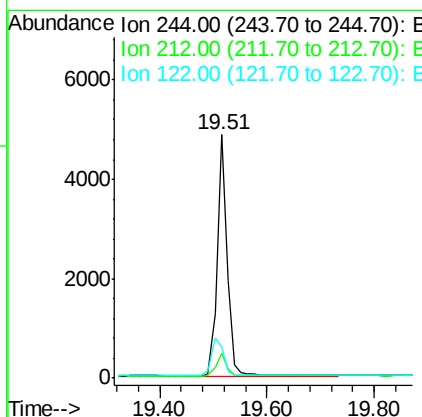
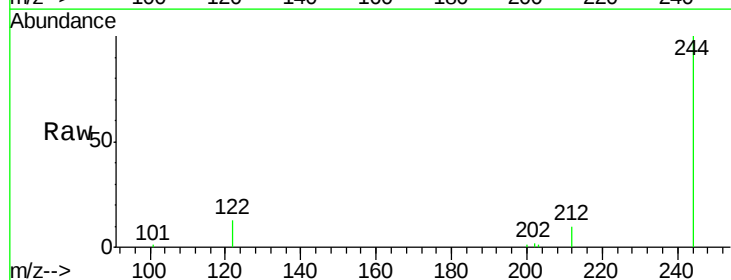
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 202 Resp: 13939
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.4 24.6
 203 17.4 13.9 20.9



#26
 Terphenyl-d14
 Concen: 0.96 ng
 RT: 19.51 min Scan# 1131
 Delta R.T. -0.00 min
 Lab File: BM001340.D
 Acq: 18 May 2015 20:59

Tgt Ion: 244 Resp: 6234
 Ion Ratio Lower Upper
 244 100
 212 10.0 7.2 10.8
 122 13.0 5.6 8.4#





#27

Benzo(a)anthracene

Concen: 0.92 ng

RT: 21.05 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

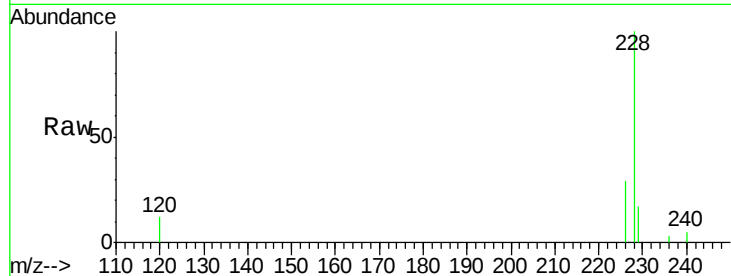
Tgt Ion:228 Resp: 12170

Ion Ratio Lower Upper

228 100

226 29.0 20.5 30.7

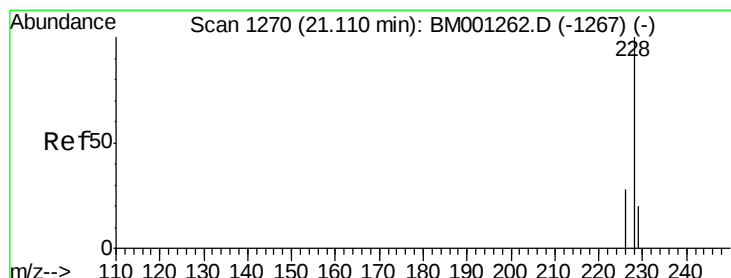
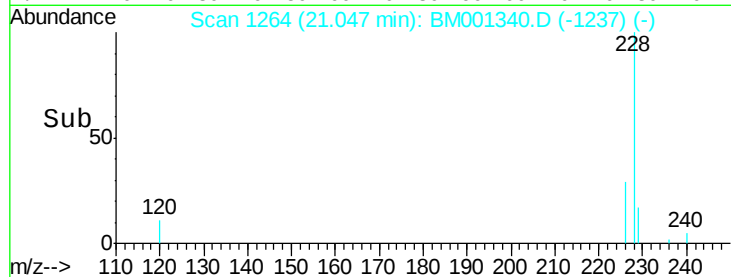
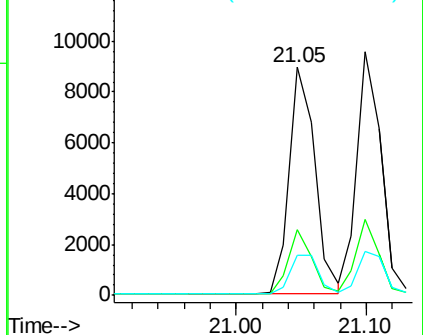
229 17.4 16.2 24.4



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: 0.95 ng

RT: 21.10 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

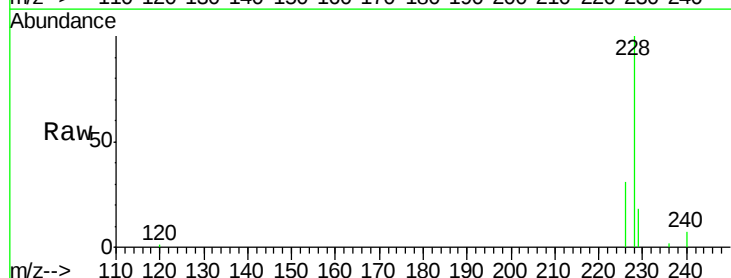
Tgt Ion:228 Resp: 12661

Ion Ratio Lower Upper

228 100

226 31.3 22.2 33.2

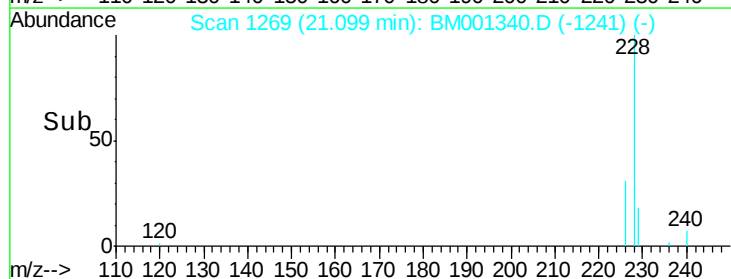
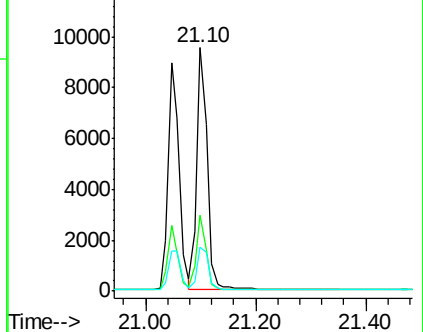
229 18.0 16.5 24.7

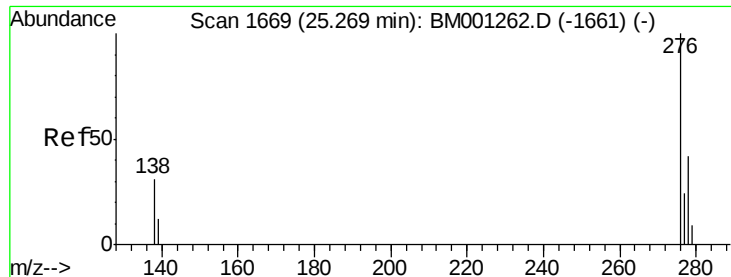


Abundance Ion 228.00 (227.70 to 228.70): E

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: 0.94 ng

RT: 25.26 min Scan# 1668

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

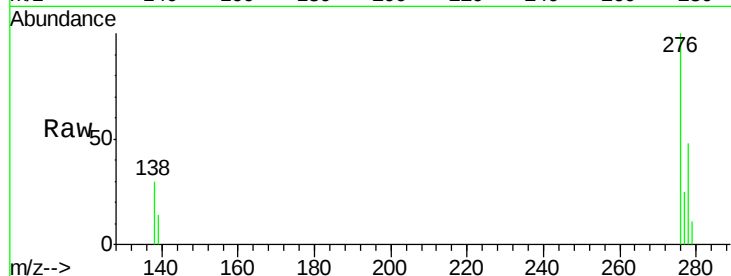
Tgt Ion: 276 Resp: 12791

Ion Ratio Lower Upper

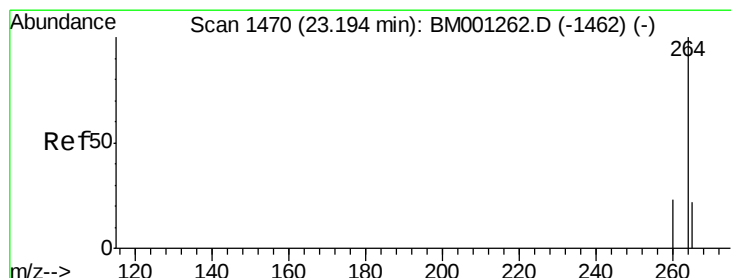
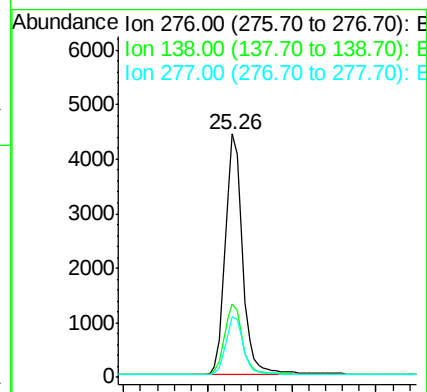
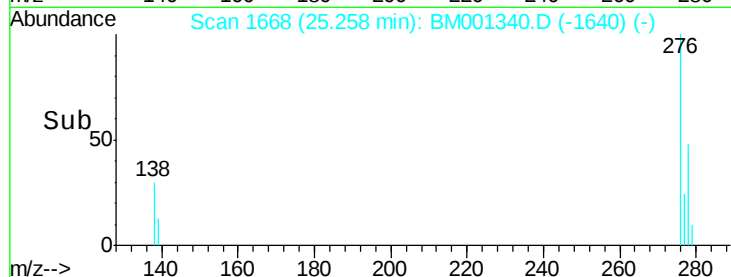
276 100

138 30.4 24.9 37.3

277 24.6 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: 23.18 min Scan# 1469

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

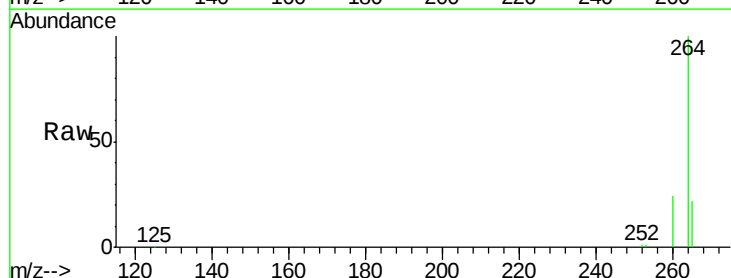
Tgt Ion: 264 Resp: 43809

Ion Ratio Lower Upper

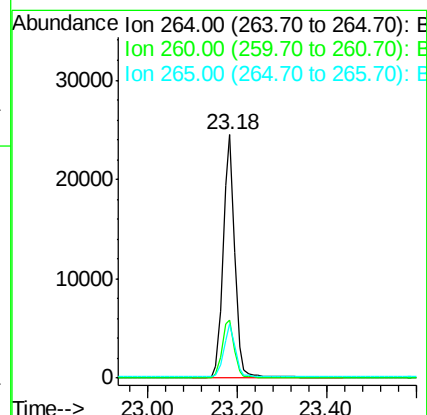
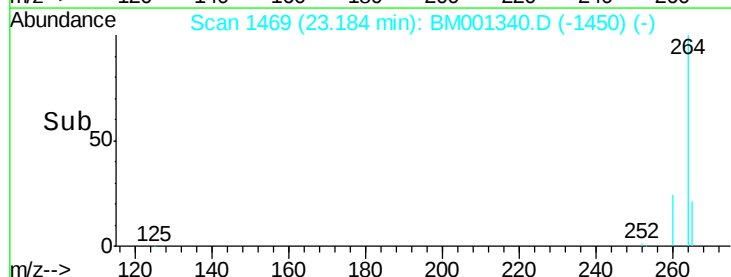
264 100

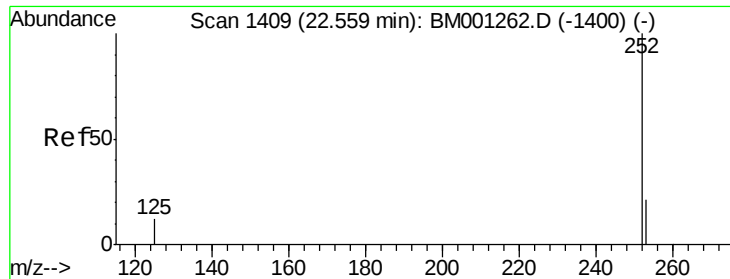
260 24.0 18.9 28.3

265 22.0 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: 0.91 ng

RT: 22.55 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

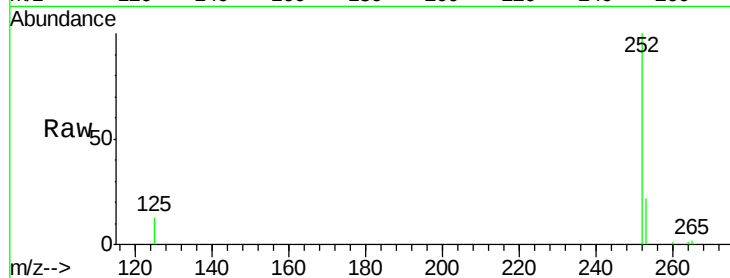
Tgt Ion:252 Resp: 11628

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

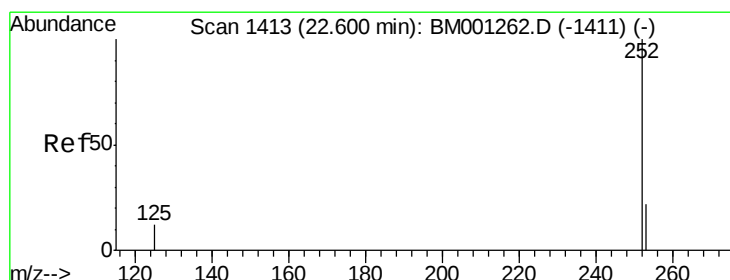
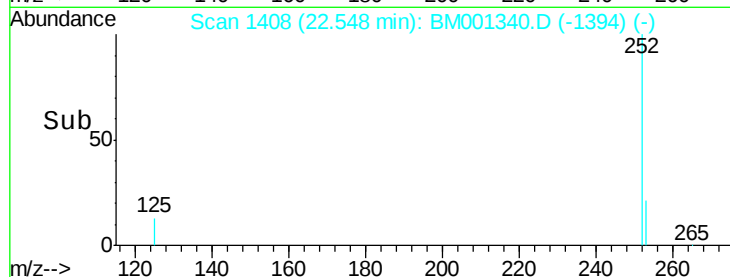
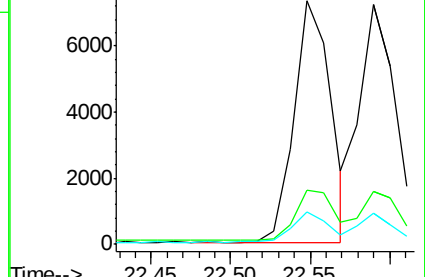
125 13.4 10.4 15.6



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



#32

Benzo(k)fluoranthene

Concen: 0.98 ng

RT: 22.59 min Scan# 1412

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

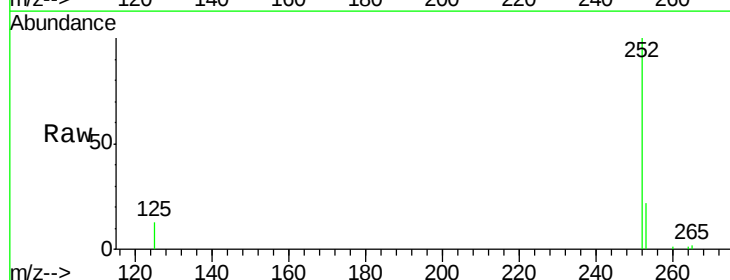
Tgt Ion:252 Resp: 11921

Ion Ratio Lower Upper

252 100

253 22.2 18.6 27.8

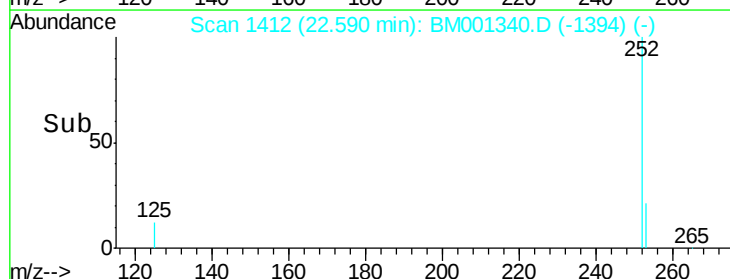
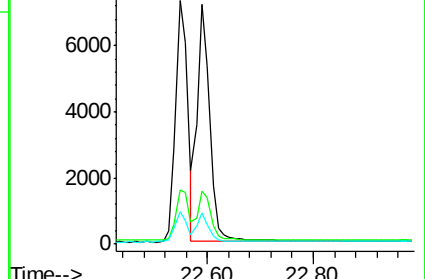
125 12.8 10.2 15.4



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





#33

Benzo(a)pyrene

Concen: 0.93 ng

RT: 23.08 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

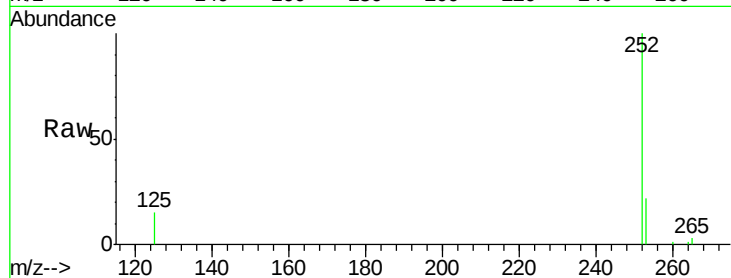
Tgt Ion:252 Resp: 10338

Ion Ratio Lower Upper

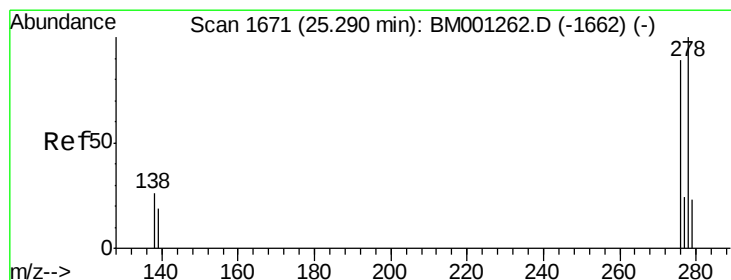
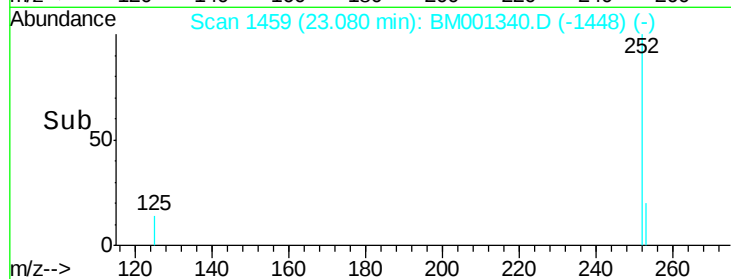
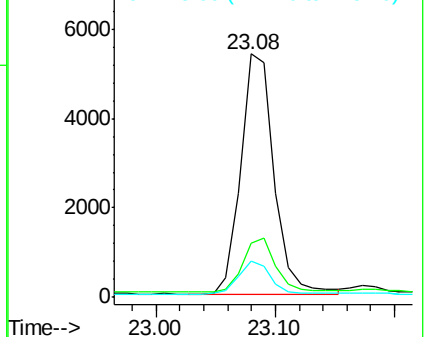
252 100

253 22.4 18.3 27.5

125 15.1 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: 0.95 ng

RT: 25.28 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BM001340.D

Acq: 18 May 2015 20:59

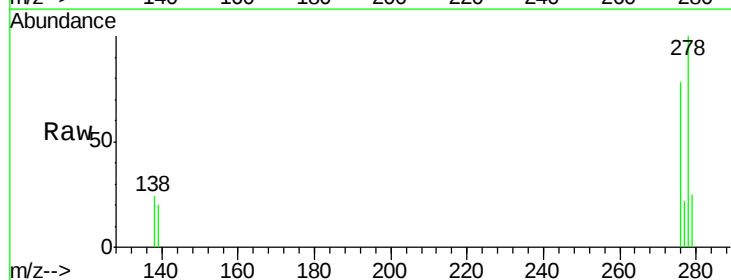
Tgt Ion:278 Resp: 9916

Ion Ratio Lower Upper

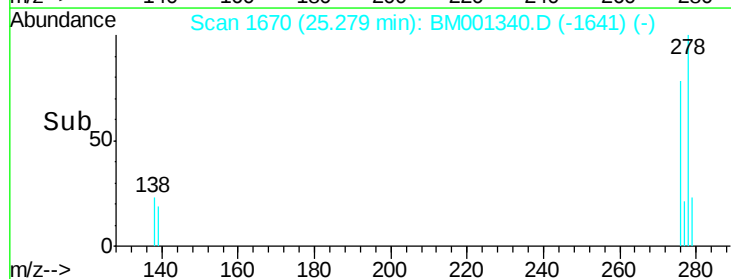
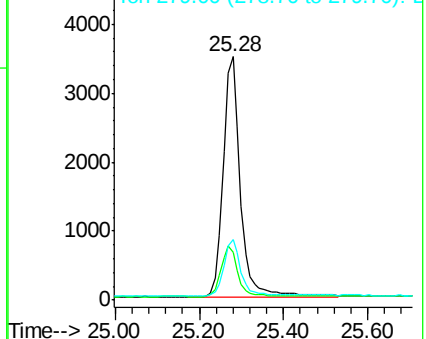
278 100

139 19.8 16.6 24.8

279 25.0 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(g,h,i)perylene

Concen: 0.94 ng

RT: 25.89 min Scan# 1729

Delta R.T. -0.01 min

Lab File: BM001340.D

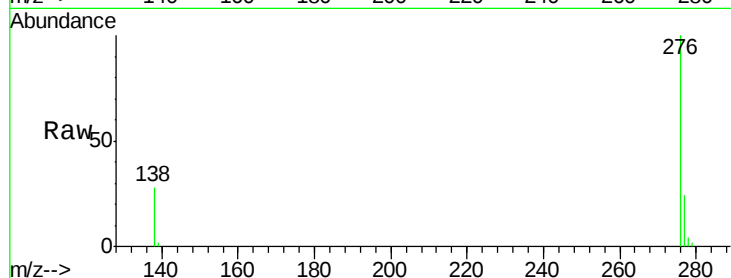
Acq: 18 May 2015 20:59

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 10805

Ion Ratio Lower Upper

276 100

277 24.2 19.9 29.9

138 27.7 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

