

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052215\
 Data File : BM001411.D
 Acq On : 23 May 2015 09:23
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: May 25 08:28:05 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM052215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 23 04:45:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	16829	5.00	ng	0.00
6) Naphthalene-d8	10.16	136	61810	5.00	ng	-0.02
12) Acenaphthene-d10	14.08	164	35974	5.00	ng	0.00
18) Phenanthrene-d10	16.82	188	124671	5.00	ng	0.00
25) Chrysene-d12	21.04	240	66250	5.00	ng	0.00
32) Perylene-d12	23.14	264	56067	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	3419	1.03	ng	0.00
5) Phenol-d6	6.60	99	4056	1.05	ng	0.00
7) Nitrobenzene-d5	8.55	82	3577	1.00	ng	0.00
13) 2,4,6-Tribromophenol	15.59	330	803	0.72	ng	0.00
14) 2-Fluorobiphenyl	12.69	172	11416	1.03	ng	0.00
27) Terphenyl-d14	19.48	244	9581	1.07	ng	-0.01

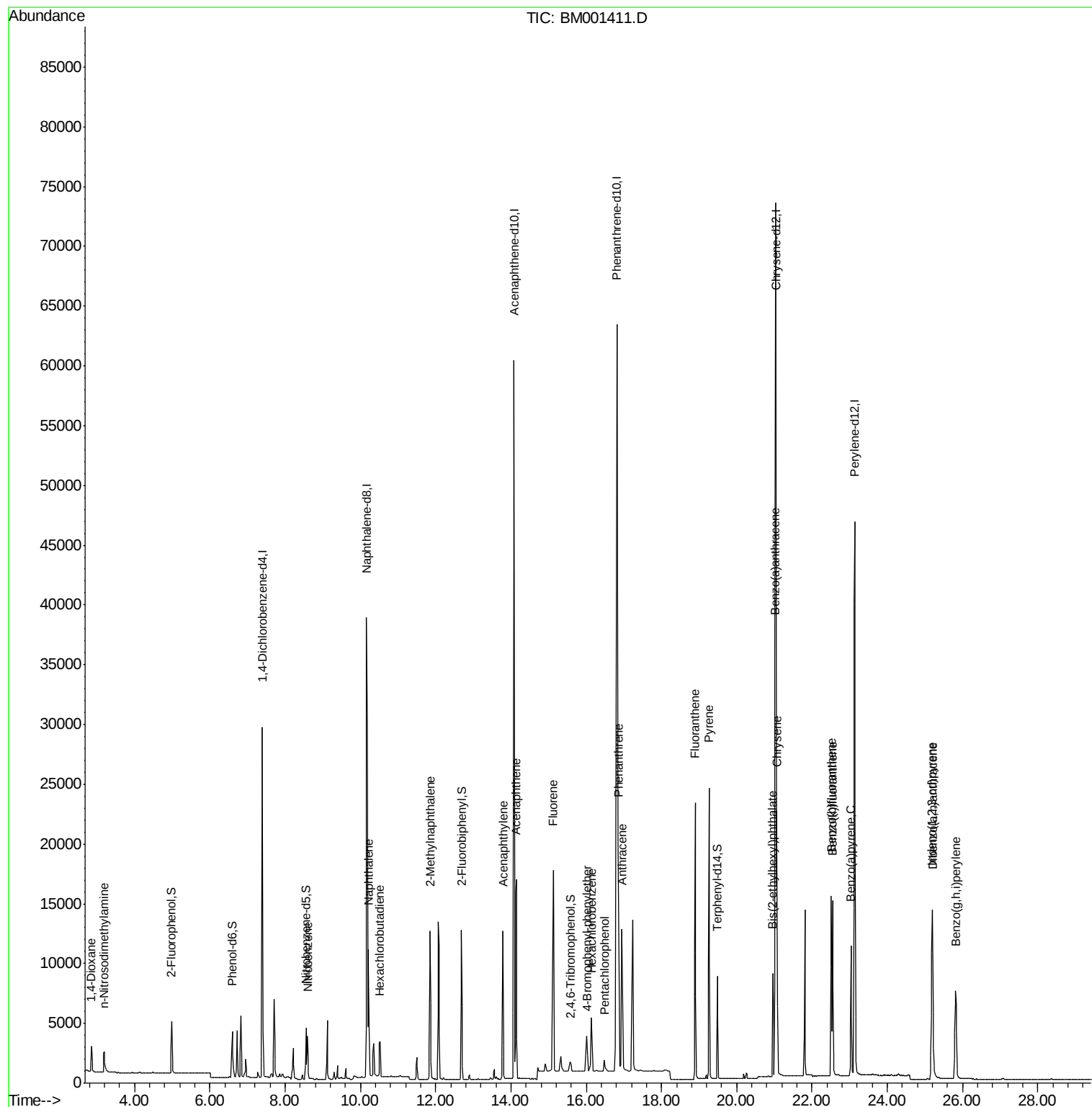
Target Compounds				Qvalue		
2) 1,4-Dioxane	2.86	88	1792	1.22	ng	# 77
3) n-Nitrosodimethylamine	3.18	42	2211	1.03	ng	96
8) Nitrobenzene	8.60	77	3992	1.06	ng	98
9) Naphthalene	10.22	128	13756	1.05	ng	99
10) Hexachlorobutadiene	10.52	225	2790	1.04	ng	100
11) 2-Methylnaphthalene	11.85	142	9439	1.06	ng	95
15) Acenaphthylene	13.79	152	16185	1.06	ng	99
16) Acenaphthene	14.14	154	9772	1.03	ng	99
17) Fluorene	15.12	166	15509	0.83	ng	92
19) 4-Bromophenyl-phenylether	16.04	248	1630	1.03	ng	# 78
20) Hexachlorobenzene	16.14	284	6094	1.25	ng	# 74
21) Pentachlorophenol	16.48	266	779	1.16	ng	# 76
22) Phenanthrene	16.85	178	29453	1.24	ng	97
23) Anthracene	16.95	178	19060	0.86	ng	98
24) Fluoranthene	18.90	202	21086	0.92	ng	100
26) Pyrene	19.26	202	22271	1.11	ng	100
28) Benzo(a)anthracene	21.02	228	20021	1.02	ng	95
29) Chrysene	21.07	228	17282	0.99	ng	95
30) Bis(2-ethylhexyl)phthalate	20.96	149	9358	0.89	ng	99
31) Indeno(1,2,3-cd)pyrene	25.19	276	16561	0.86	ng	100
33) Benzo(b)fluoranthene	22.51	252	17876	1.05	ng	98
34) Benzo(k)fluoranthene	22.55	252	16371	1.03	ng	98
35) Benzo(a)pyrene	23.04	252	15152	1.01	ng	99
36) Dibenzo(a,h)anthracene	25.20	278	12607	0.93	ng	99
37) Benzo(g,h,i)perylene	25.82	276	14001	0.97	ng	98

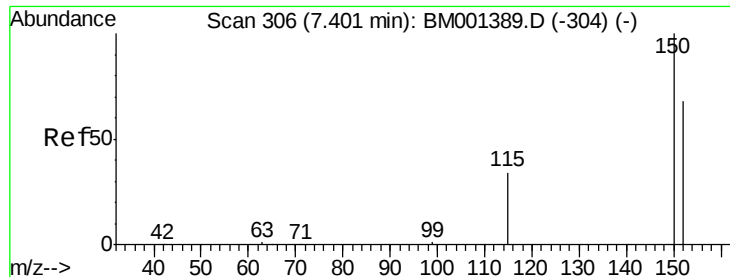
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.40 min Scan# 306

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

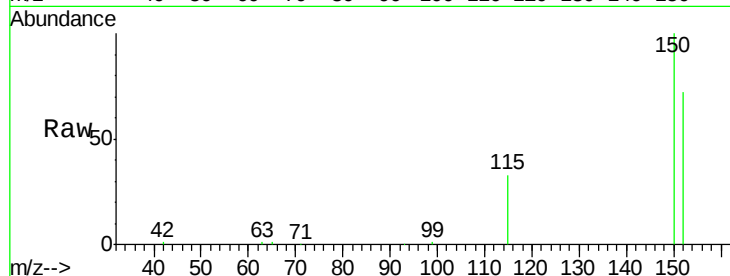
Tgt Ion:152 Resp: 16829

Ion Ratio Lower Upper

152 100

150 138.9 119.0 178.6

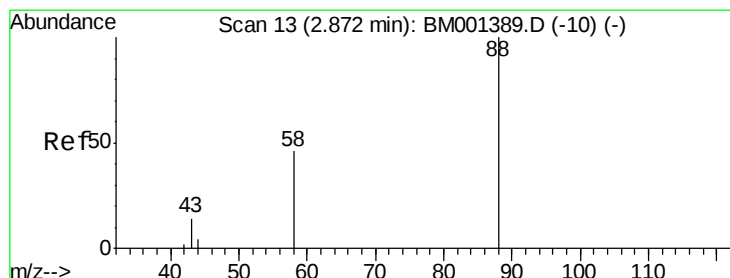
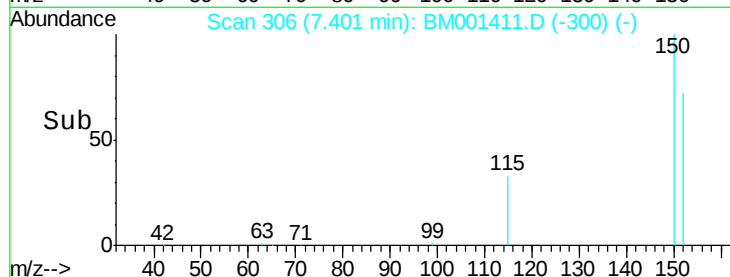
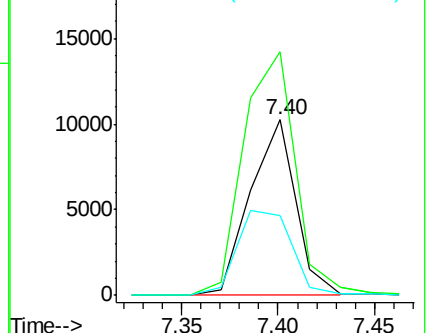
115 45.7 41.8 62.8



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: 1.22 ng

RT: 2.86 min Scan# 12

Delta R.T. -0.02 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

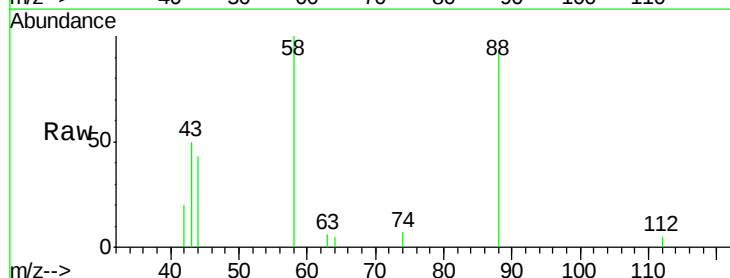
Tgt Ion: 88 Resp: 1792

Ion Ratio Lower Upper

88 100

58 66.5 71.3 106.9#

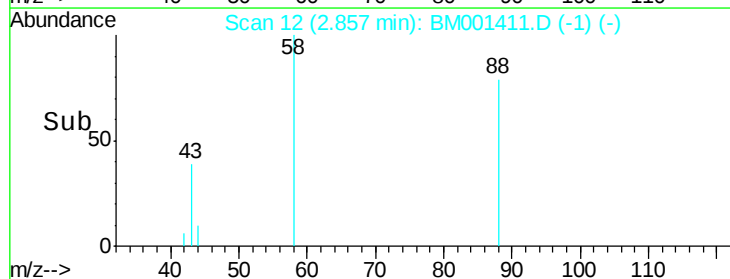
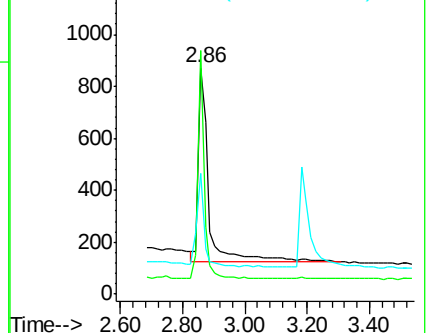
43 31.1 35.5 53.3#

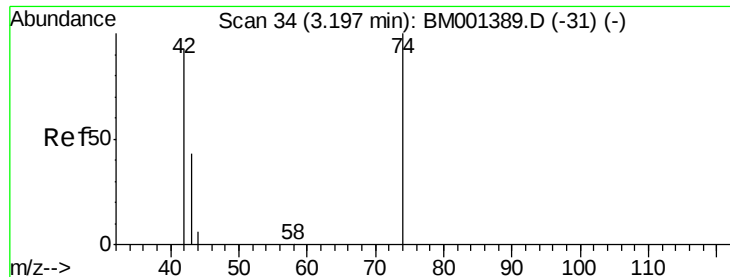


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0



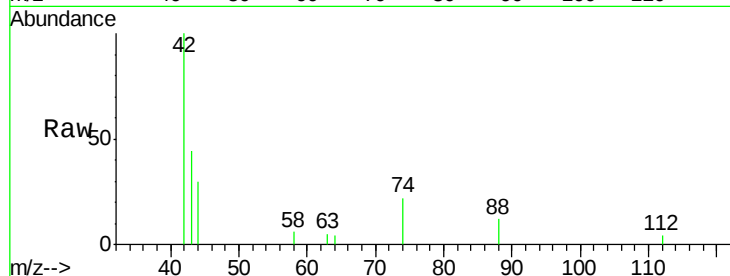


#3

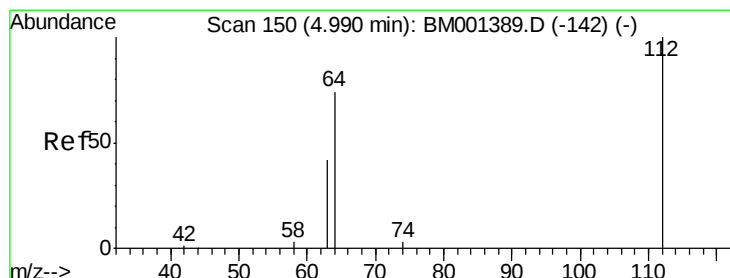
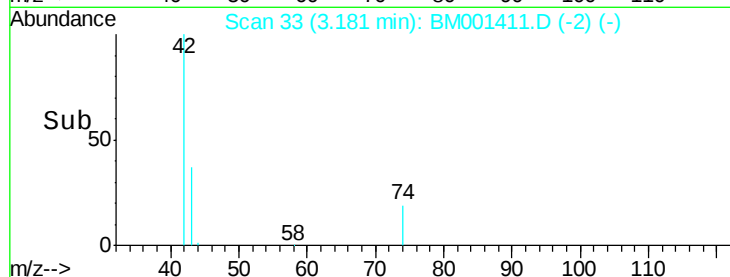
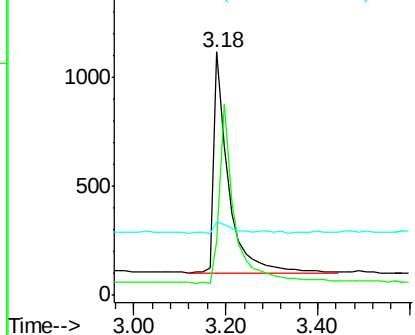
n-Nitrosodimethylamine
Concen: 1.03 ng
RT: 3.18 min Scan# 33
Delta R.T. -0.02 min
Lab File: BM001411.D
Acq: 23 May 2015 09:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 42 Resp: 2211
Ion Ratio Lower Upper
42 100
74 85.8 72.2 108.2
44 7.4 6.2 9.2



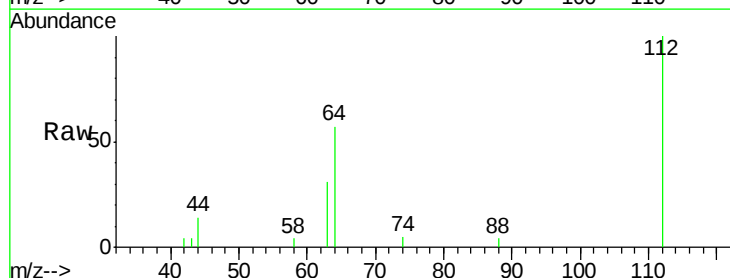
Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0



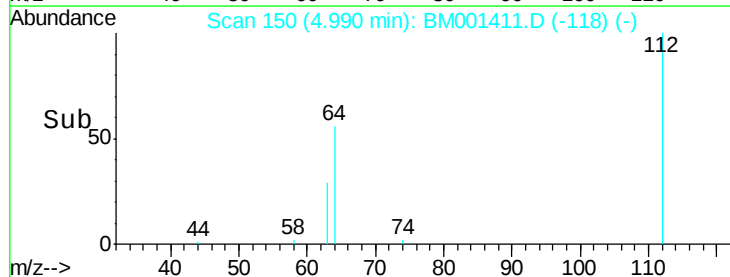
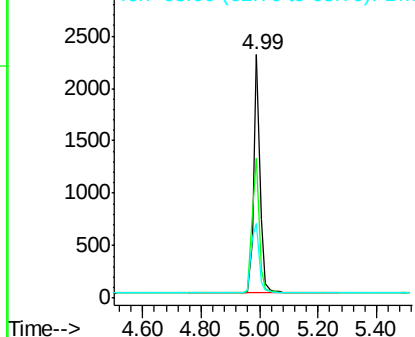
#4

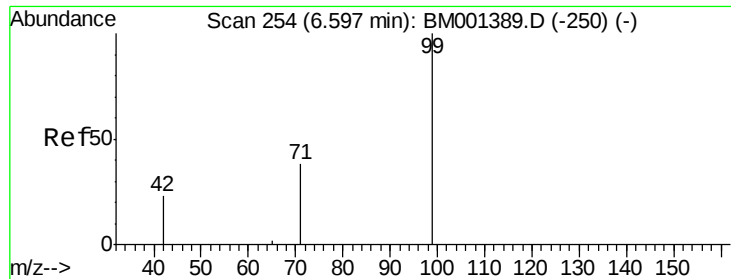
2-Fluorophenol
Concen: 1.03 ng
RT: 4.99 min Scan# 150
Delta R.T. -0.00 min
Lab File: BM001411.D
Acq: 23 May 2015 09:23

Tgt Ion: 112 Resp: 3419
Ion Ratio Lower Upper
112 100
64 65.0 51.7 77.5
63 37.4 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#5

Phenol-d6

Concen: 1.05 ng

RT: 6.60 min Scan# 254

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

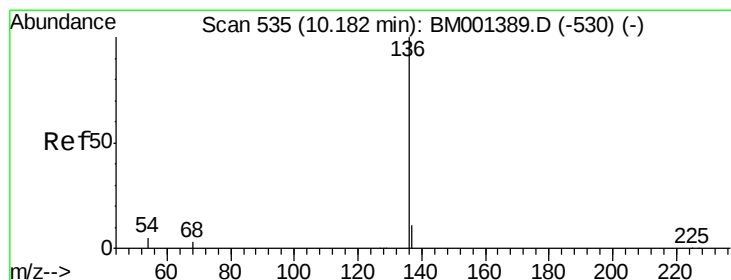
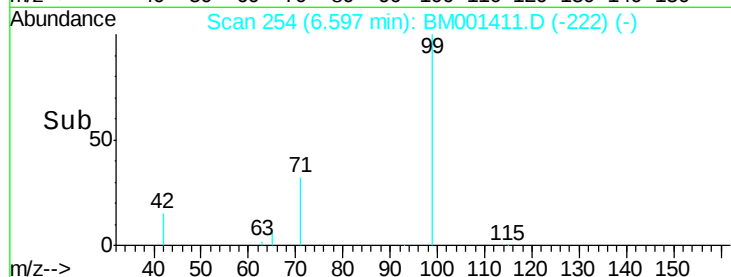
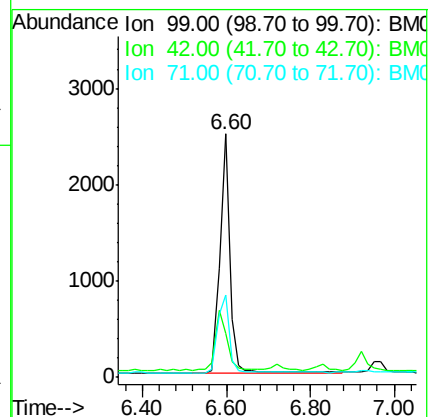
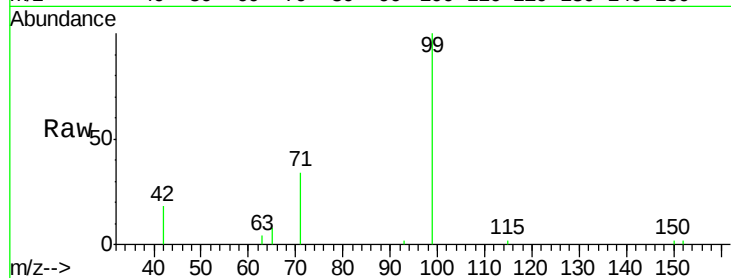
Tgt Ion: 99 Resp: 4056

Ion Ratio Lower Upper

99 100

42 27.2 21.8 32.6

71 37.0 29.2 43.8



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.16 min Scan# 534

Delta R.T. -0.02 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Tgt Ion: 136 Resp: 61810

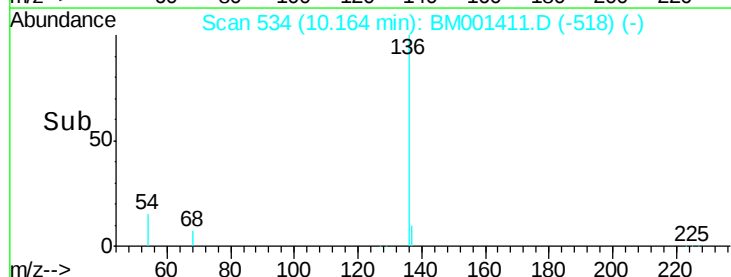
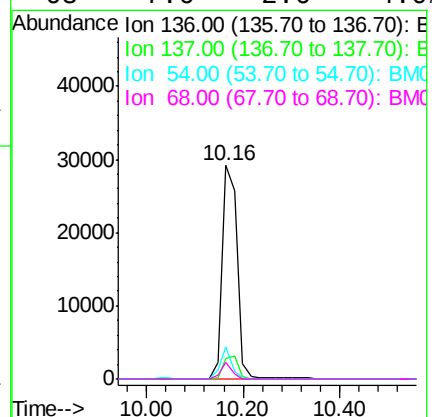
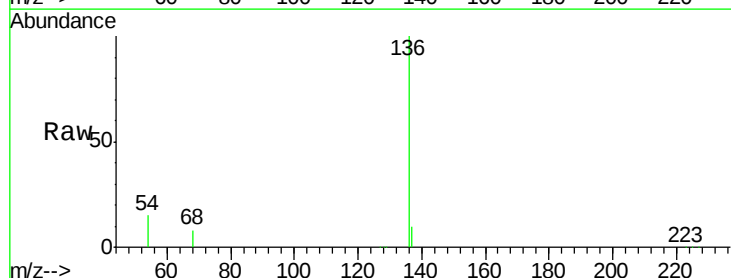
Ion Ratio Lower Upper

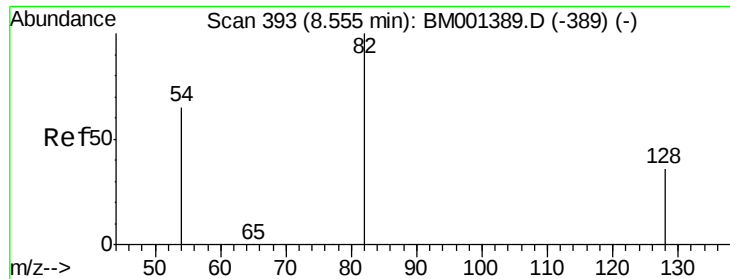
136 100

137 9.9 9.1 13.7

54 14.7 4.3 6.5#

68 7.6 2.6 4.0#





#7

Nitrobenzene-d5

Concen: 1.00 ng

RT: 8.55 min Scan# 393

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

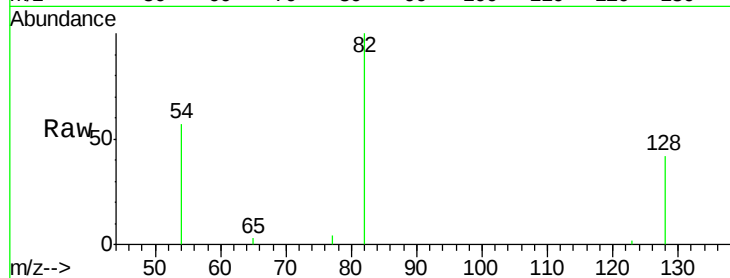
Tgt Ion: 82 Resp: 3577

Ion Ratio Lower Upper

82 100

128 42.3 30.2 45.4

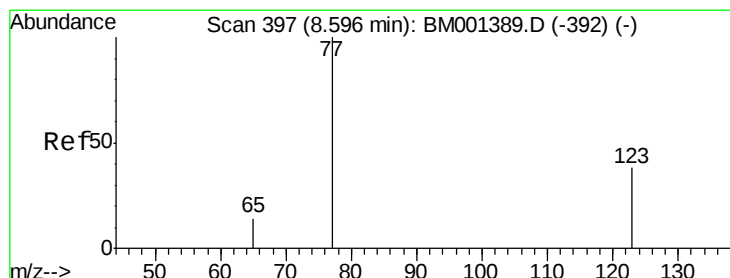
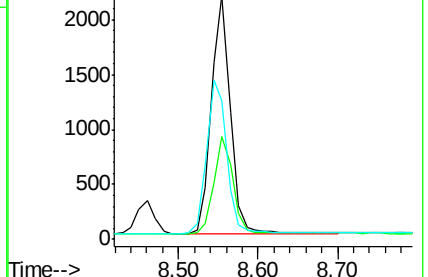
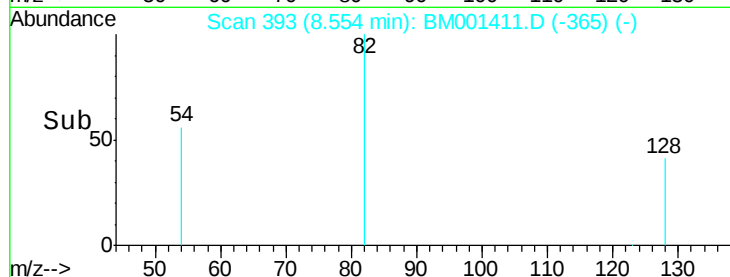
54 56.7 52.9 79.3



Abundance Ion 82.00 (81.70 to 82.70): BM001411.D (-365) (-)

Ion 128.00 (127.70 to 128.70): BM001411.D (-365) (-)

Ion 54.00 (53.70 to 54.70): BM001411.D (-365) (-)



#8

Nitrobenzene

Concen: 1.06 ng

RT: 8.60 min Scan# 397

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

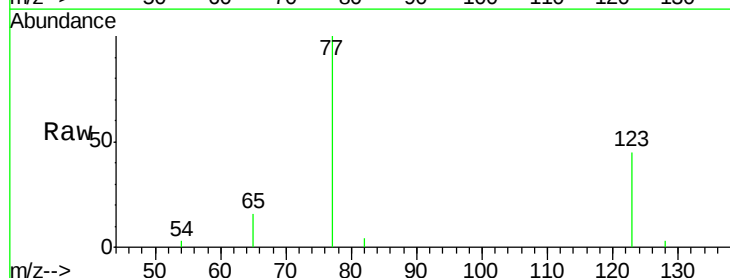
Tgt Ion: 77 Resp: 3992

Ion Ratio Lower Upper

77 100

123 40.5 33.7 50.5

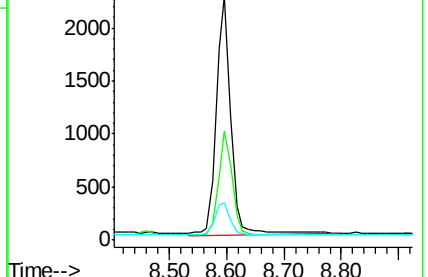
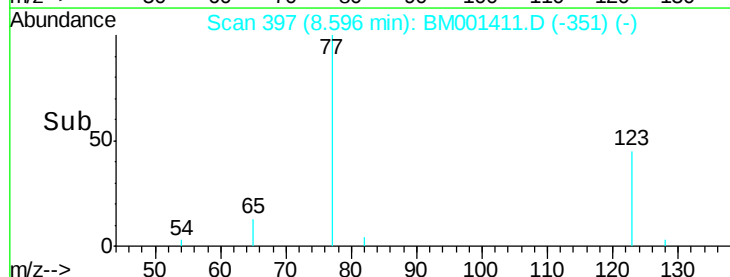
65 13.5 11.3 16.9

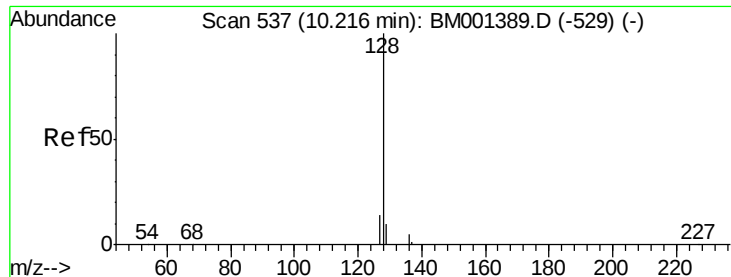


Abundance Ion 77.00 (76.70 to 77.70): BM001411.D (-351) (-)

Ion 123.00 (122.70 to 123.70): BM001411.D (-351) (-)

Ion 65.00 (64.70 to 65.70): BM001411.D (-351) (-)





#9

Naphthalene

Concen: 1.05 ng

RT: 10.22 min Scan# 537

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

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ClientSampleId :

SSTDCCC001EC

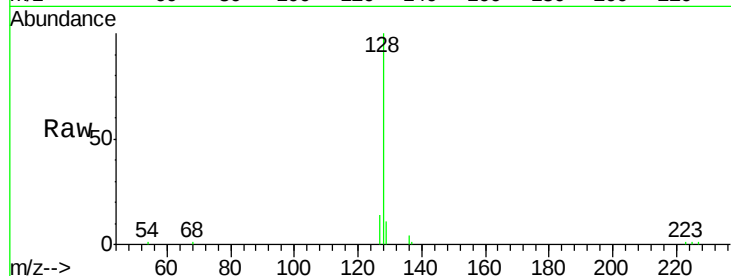
Tgt Ion:128 Resp: 13756

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

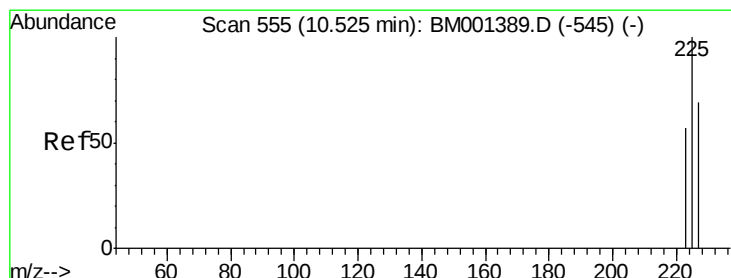
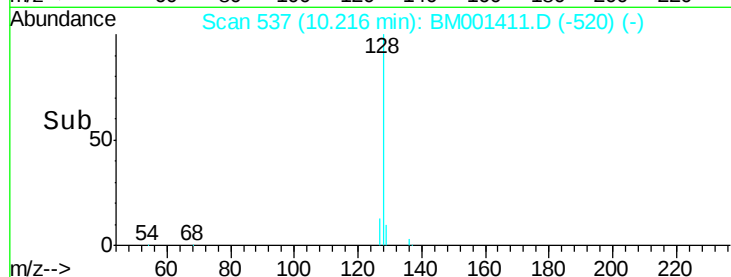
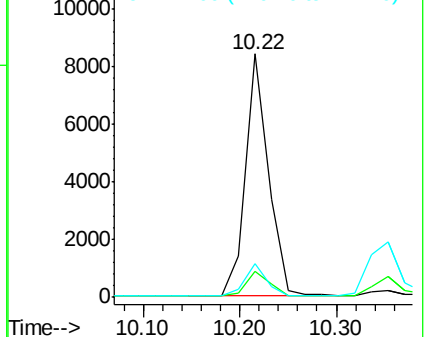
127 13.7 11.7 17.5



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: 1.04 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

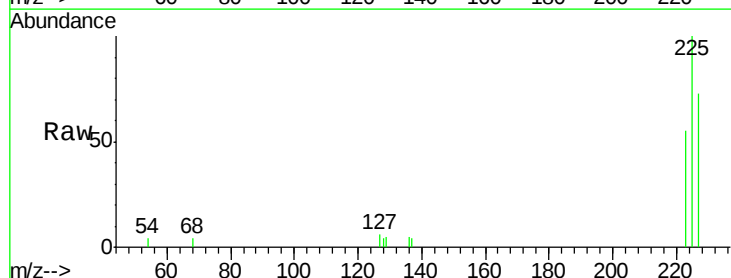
Tgt Ion:225 Resp: 2790

Ion Ratio Lower Upper

225 100

223 62.8 50.2 75.2

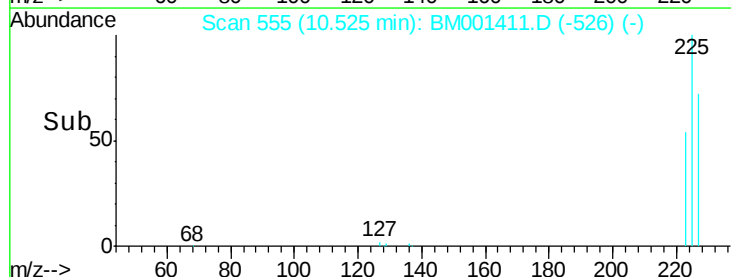
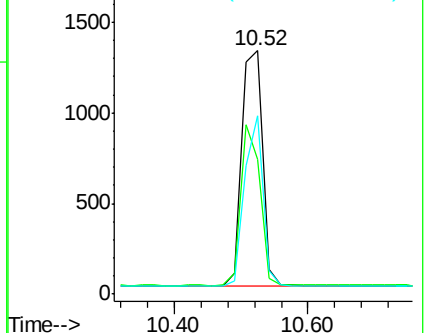
227 63.3 51.1 76.7

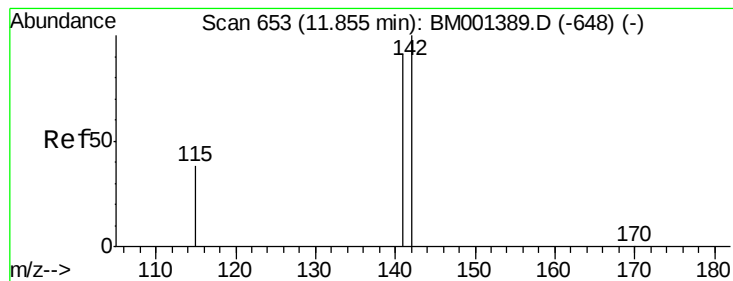


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.06 ng

RT: 11.85 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

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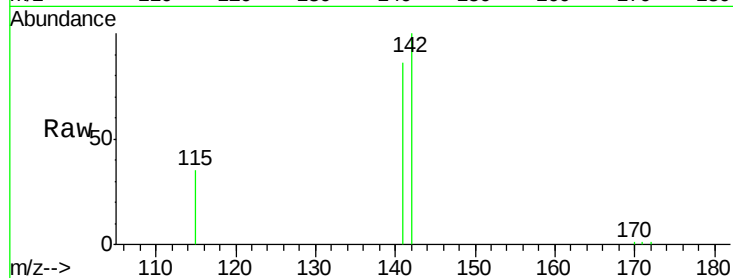
Tgt Ion:142 Resp: 9439

Ion Ratio Lower Upper

142 100

141 86.4 72.6 109.0

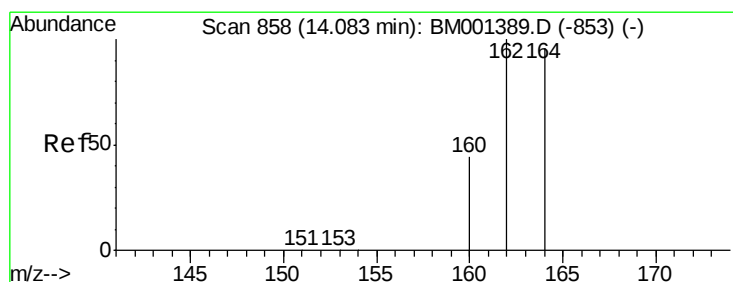
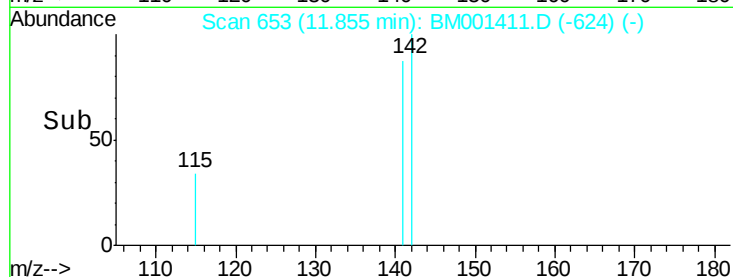
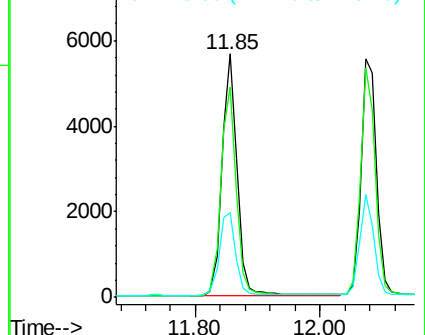
115 34.8 31.2 46.8



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: 14.08 min Scan# 858

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

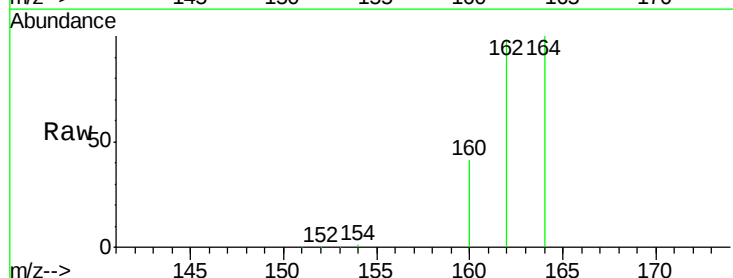
Tgt Ion:164 Resp: 35974

Ion Ratio Lower Upper

164 100

162 97.9 83.4 125.2

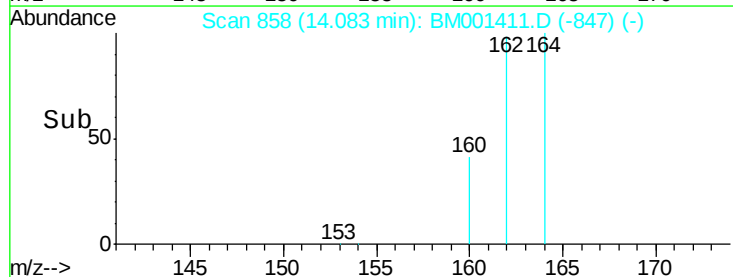
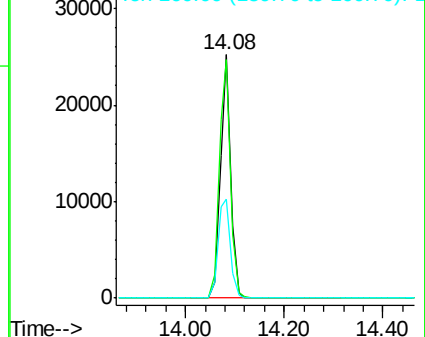
160 40.7 36.9 55.3

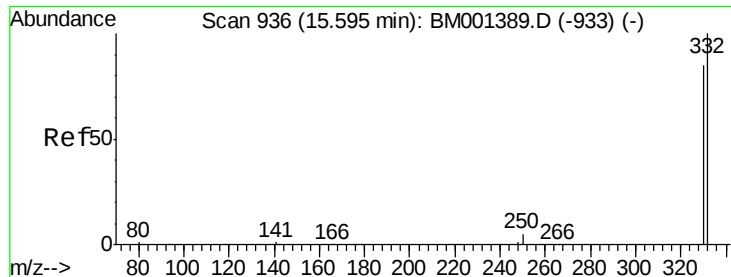


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

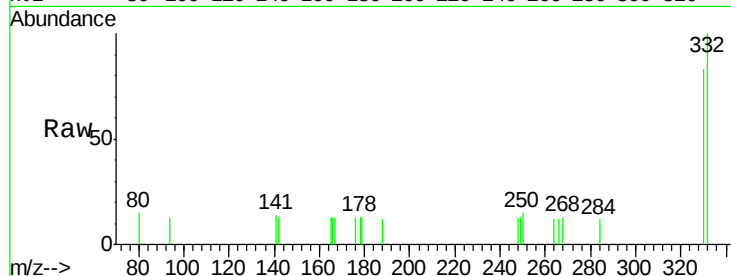




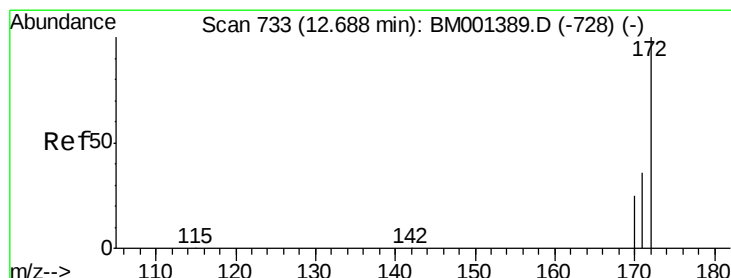
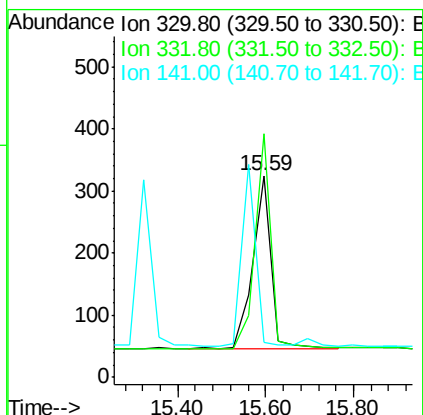
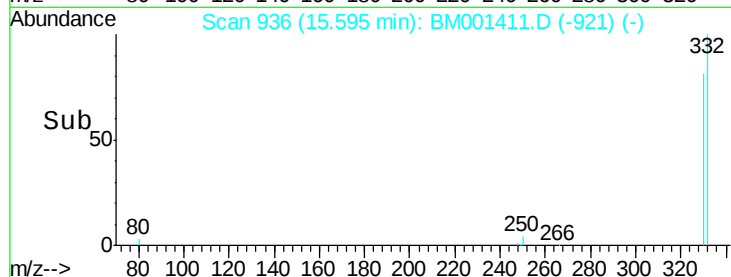
#13
 2,4,6-Tribromophenol
 Concen: 0.72 ng
 RT: 15.59 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BM001411.D
 Acq: 23 May 2015 09:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion:330 Resp: 803
 Ion Ratio Lower Upper
 330 100
 332 108.6 90.3 135.5
 141 0.0 0.0 0.0

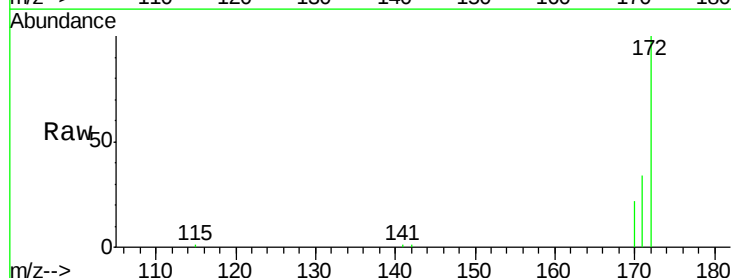


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

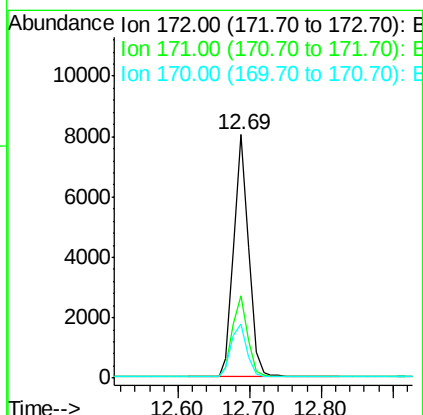
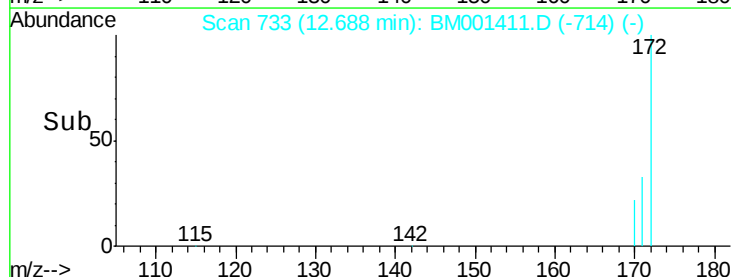


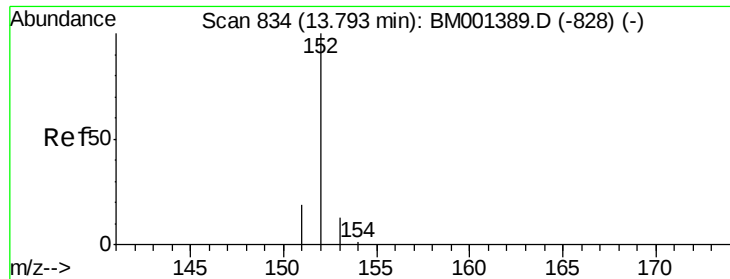
#14
 2-Fluorobiphenyl
 Concen: 1.03 ng
 RT: 12.69 min Scan# 733
 Delta R.T. -0.00 min
 Lab File: BM001411.D
 Acq: 23 May 2015 09:23

Tgt Ion:172 Resp: 11416
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.4 44.0
 170 22.2 20.2 30.4



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: 1.06 ng

RT: 13.79 min Scan# 834

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

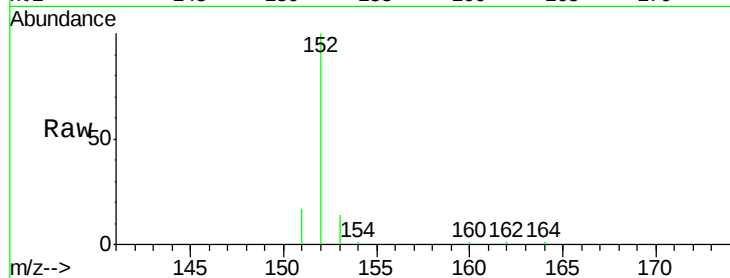
Tgt Ion:152 Resp: 16185

Ion Ratio Lower Upper

152 100

151 18.6 15.1 22.7

153 12.7 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

12000

10000

8000

6000

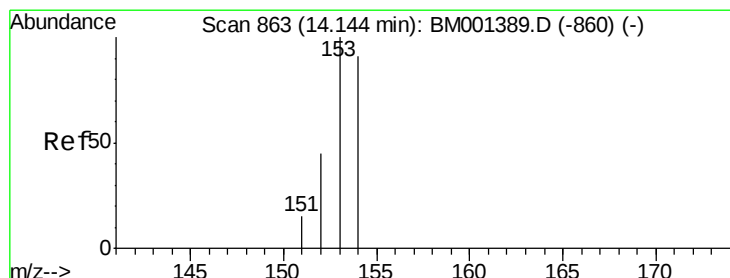
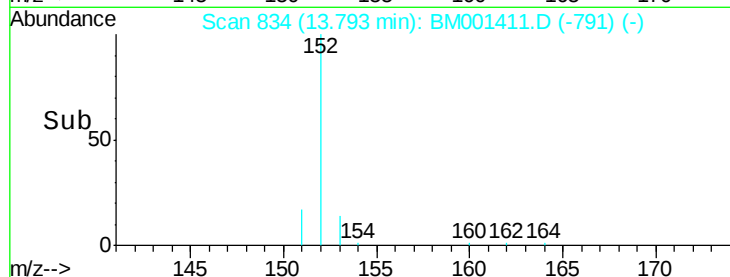
4000

2000

0

13.60 13.80 14.00

Time-->



#16

Acenaphthene

Concen: 1.03 ng

RT: 14.14 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

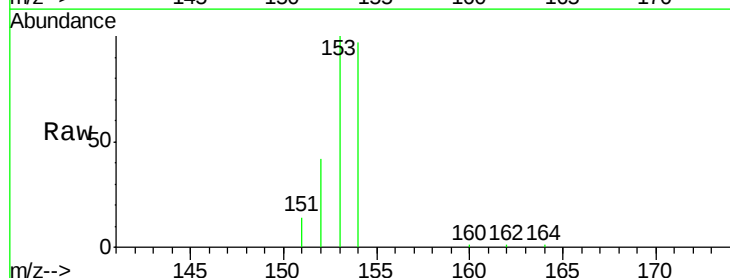
Tgt Ion:154 Resp: 9772

Ion Ratio Lower Upper

154 100

153 113.3 91.4 137.2

152 54.2 44.0 66.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

8000

6000

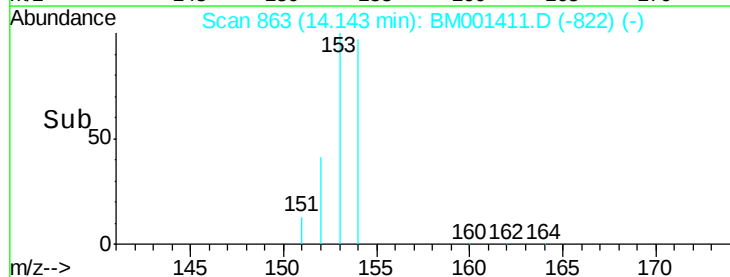
4000

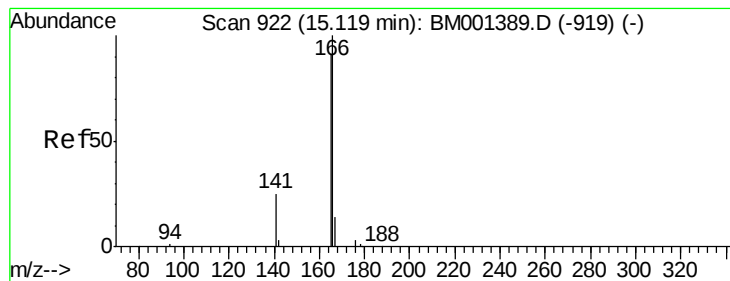
2000

0

14.05 14.10 14.15 14.20

Time-->





#17

Fluorene

Concen: 0.83 ng

RT: 15.12 min Scan# 922

Delta R.T. 0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

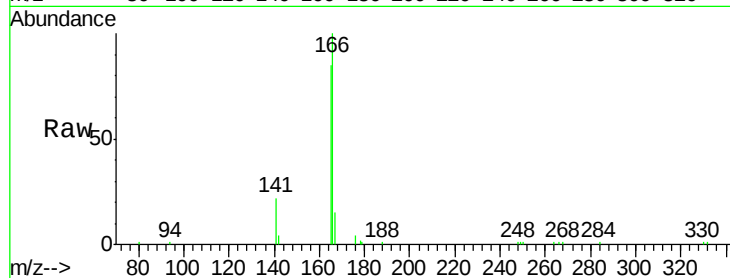
Tgt Ion:166 Resp: 15509

Ion Ratio Lower Upper

166 100

165 83.4 72.6 108.8

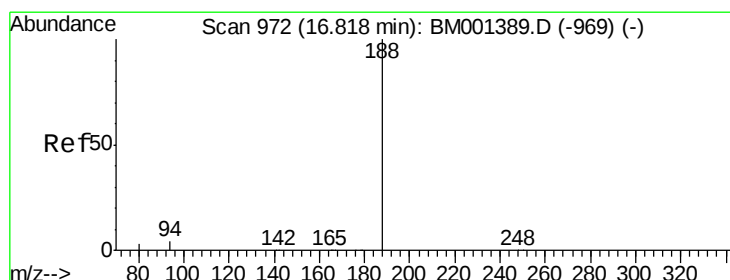
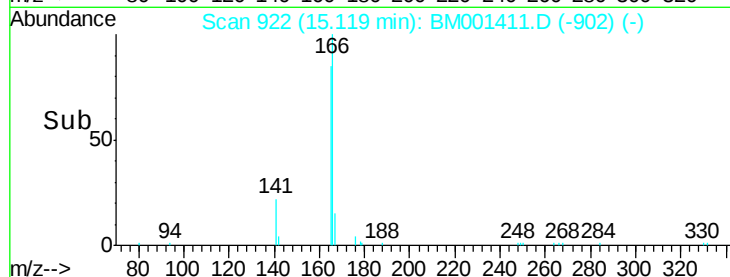
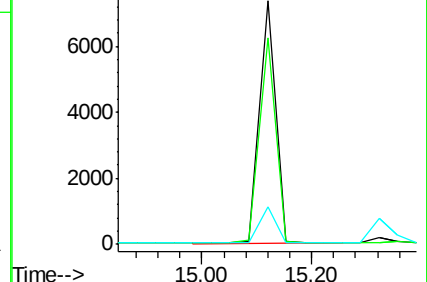
167 16.2 10.9 16.3



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: 16.82 min Scan# 972

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

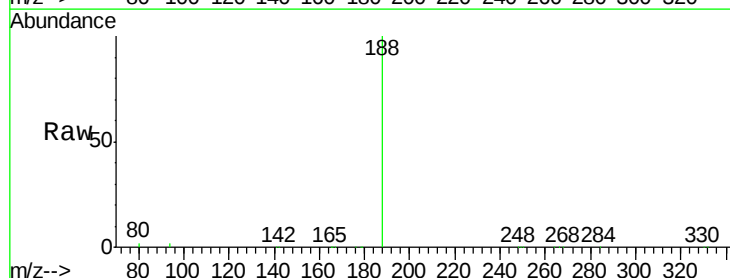
Tgt Ion:188 Resp: 124671

Ion Ratio Lower Upper

188 100

94 1.8 3.0 4.4#

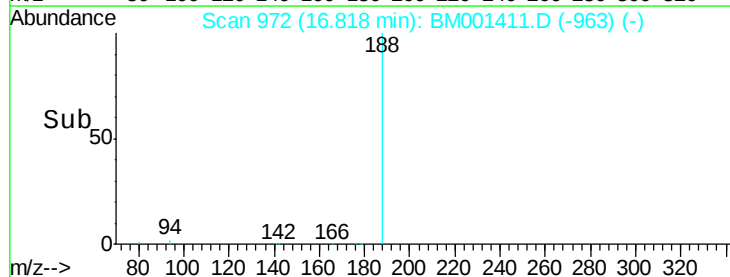
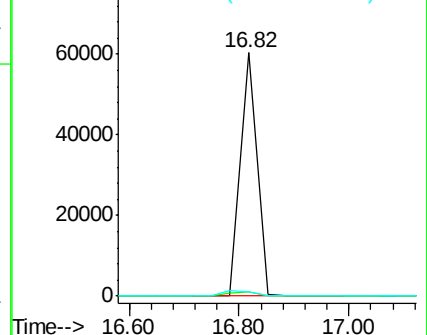
80 1.5 2.5 3.7#

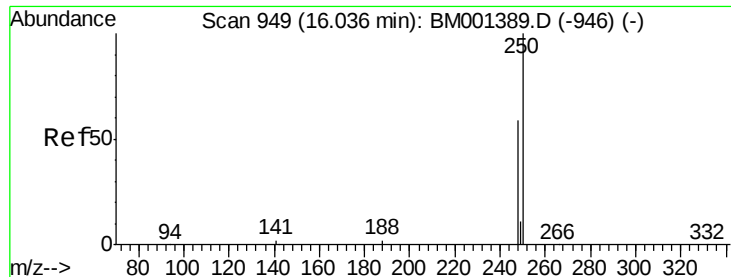


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

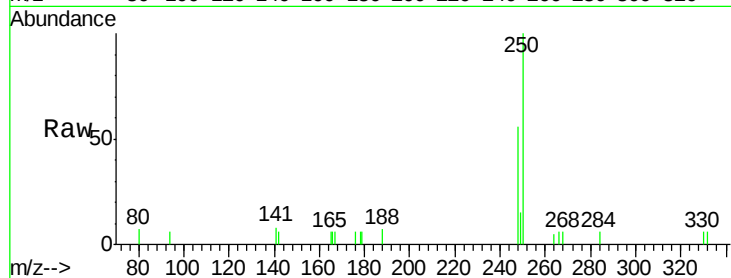




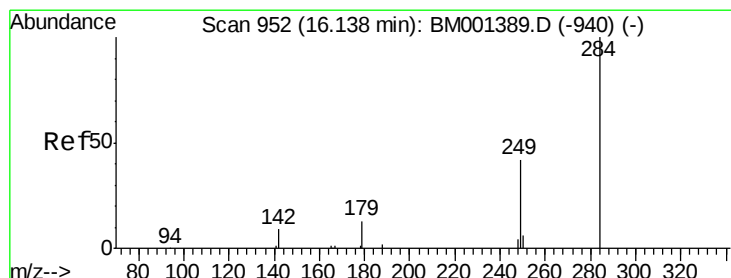
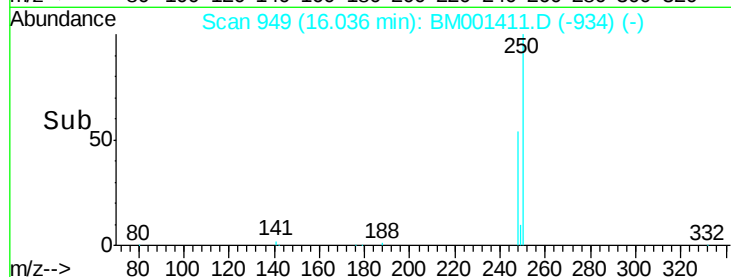
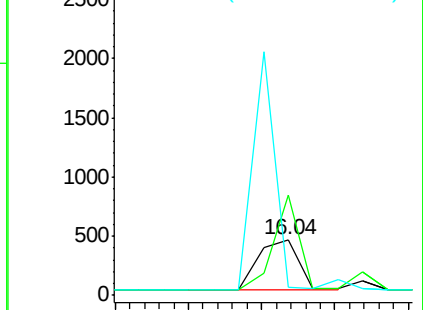
#19
4-Bromophenyl-phenylether
Concen: 1.03 ng
RT: 16.04 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001411.D
Acq: 23 May 2015 09:23

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 1630
Ion Ratio Lower Upper
248 100
250 120.0 117.8 176.6
141 0.0 0.0 0.0

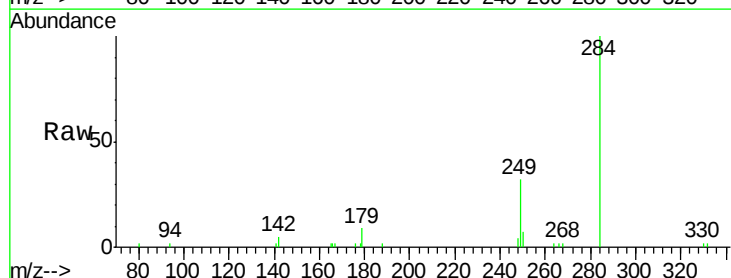


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

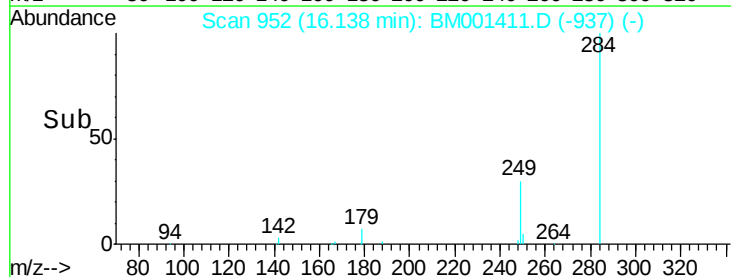
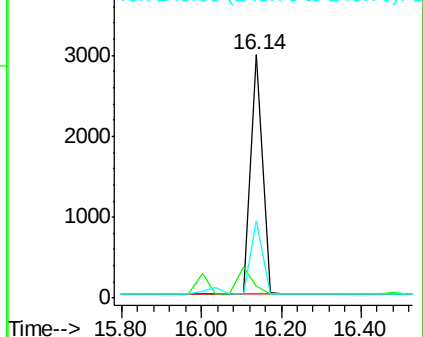


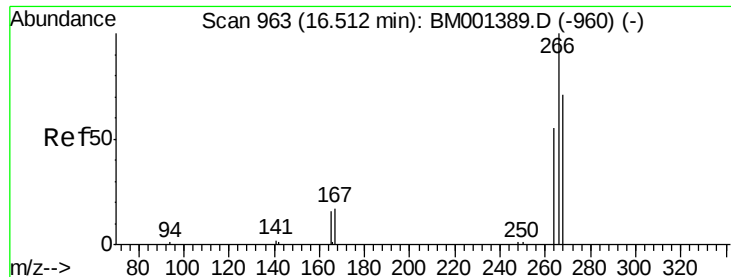
#20
Hexachlorobenzene
Concen: 1.25 ng
RT: 16.14 min Scan# 952
Delta R.T. 0.00 min
Lab File: BM001411.D
Acq: 23 May 2015 09:23

Tgt Ion:284 Resp: 6094
Ion Ratio Lower Upper
284 100
142 0.0 13.9 20.9#
249 34.4 39.0 58.4#



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

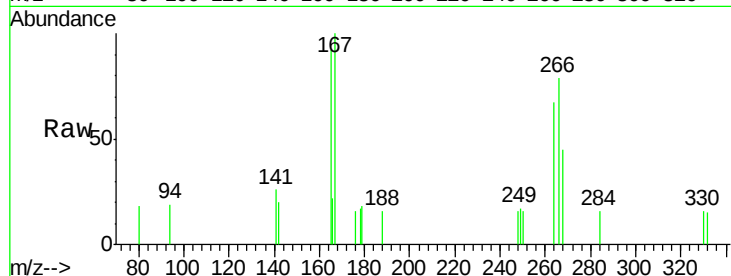




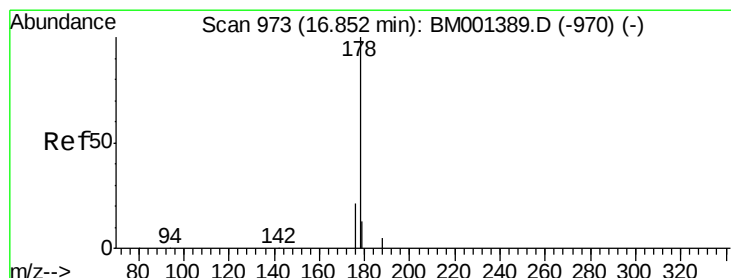
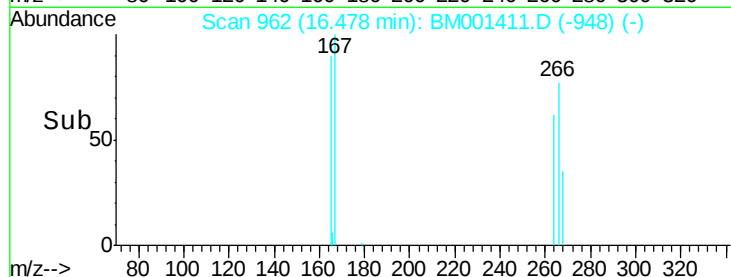
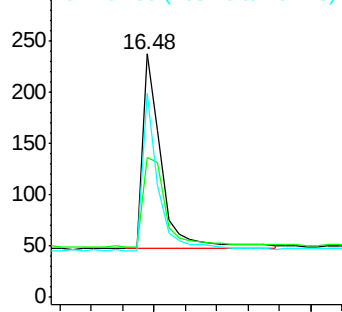
#21
 Pentachlorophenol
 Concen: 1.16 ng
 RT: 16.48 min Scan# 962
 Delta R.T. -0.03 min
 Lab File: BM001411.D
 Acq: 23 May 2015 09:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 266 Resp: 779
 Ion Ratio Lower Upper
 266 100
 268 57.4 63.0 94.4#
 264 84.0 52.8 79.2#

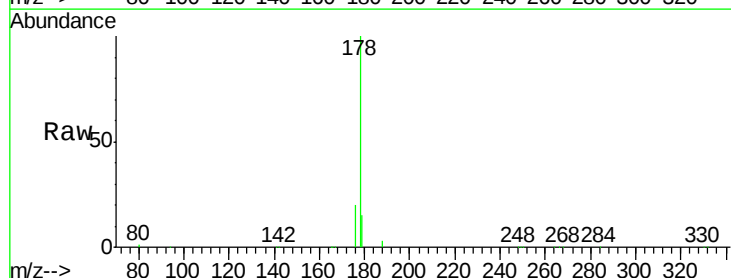


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

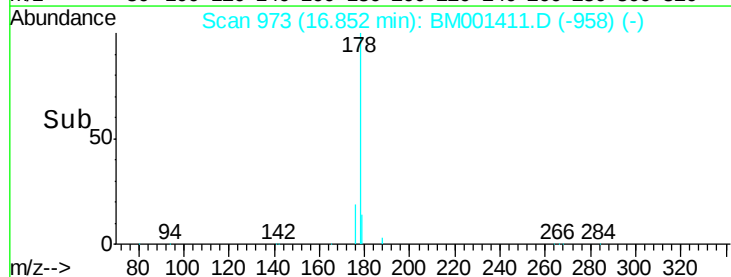
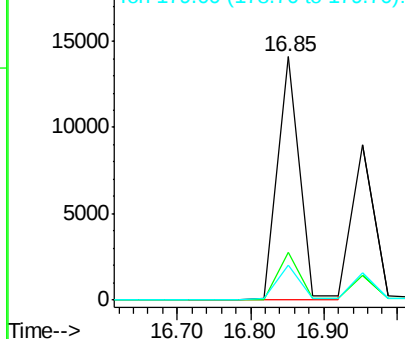


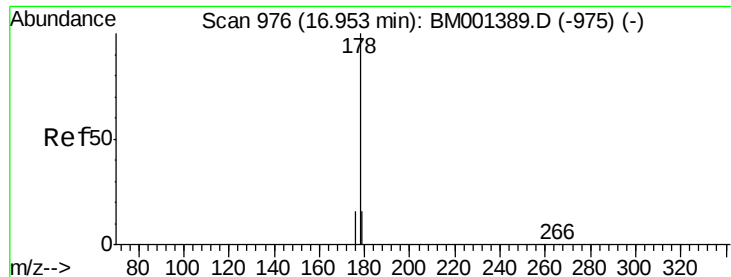
#22
 Phenanthrene
 Concen: 1.24 ng
 RT: 16.85 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: BM001411.D
 Acq: 23 May 2015 09:23

Tgt Ion: 178 Resp: 29453
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.8 25.2
 179 14.6 11.0 16.4



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





#23

Anthracene

Concen: 0.86 ng

RT: 16.95 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

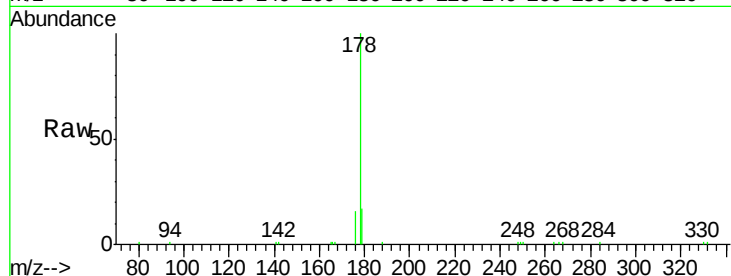
Tgt Ion:178 Resp: 19060

Ion Ratio Lower Upper

178 100

176 15.3 13.1 19.7

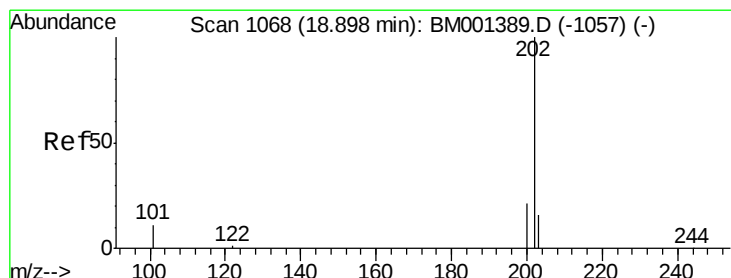
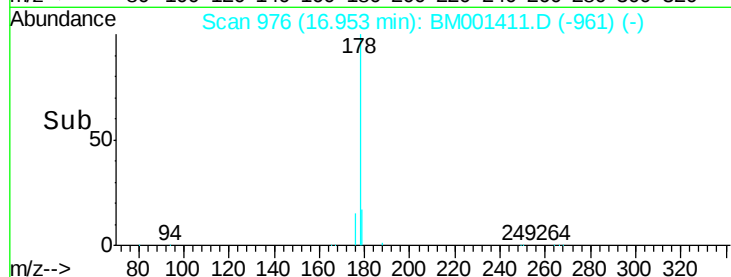
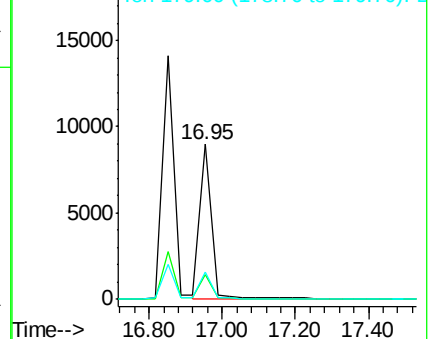
179 17.0 12.8 19.2



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: 0.92 ng

RT: 18.90 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

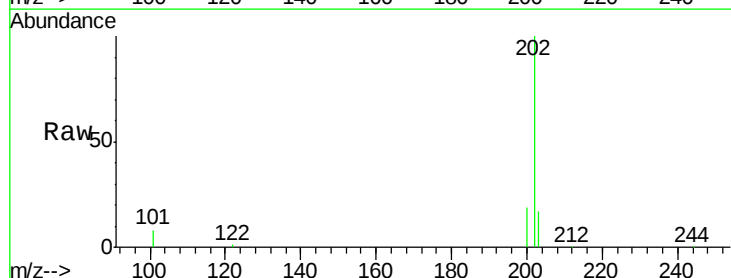
Tgt Ion:202 Resp: 21086

Ion Ratio Lower Upper

202 100

101 10.5 8.6 12.8

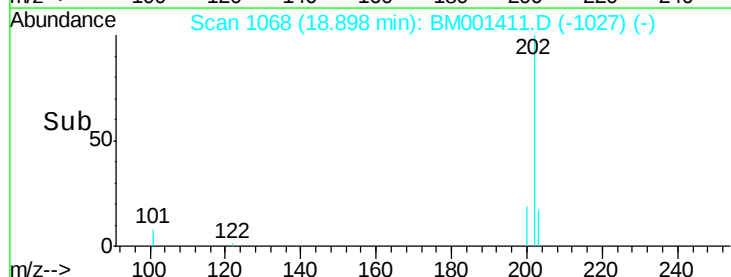
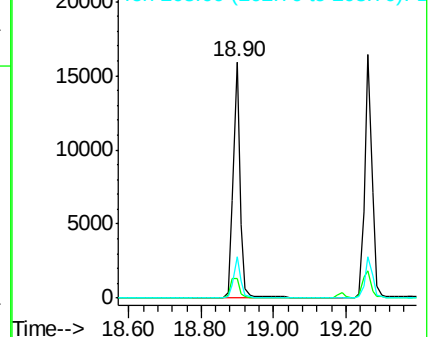
203 17.1 13.8 20.6

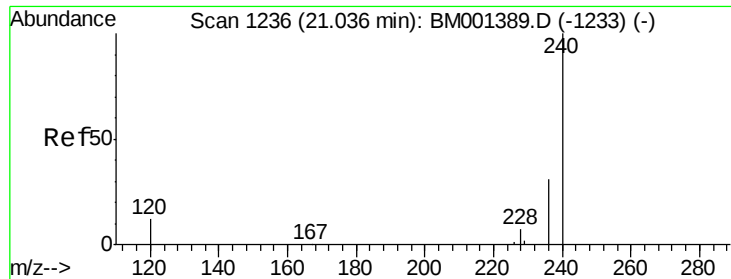


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.04 min Scan# 1236

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

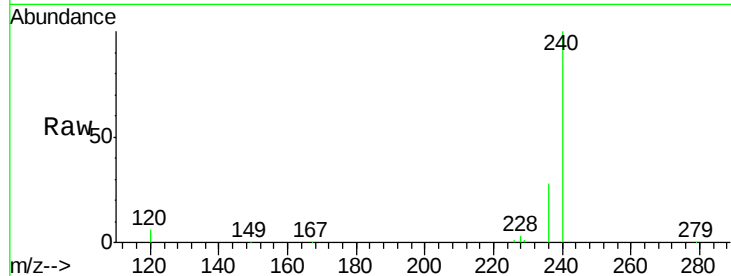
Tgt Ion:240 Resp: 66250

Ion Ratio Lower Upper

240 100

120 6.5 9.7 14.5#

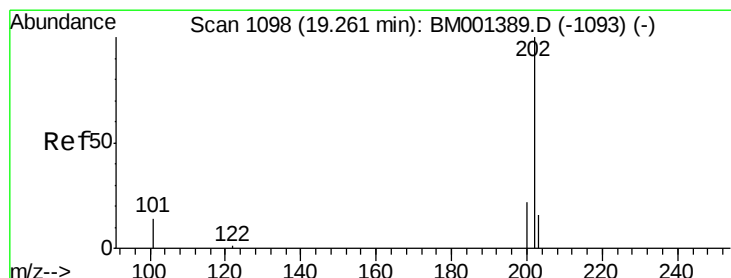
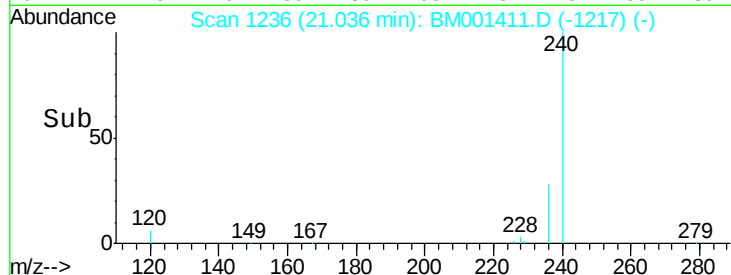
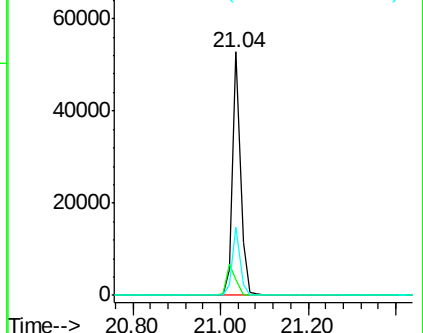
236 28.0 24.8 37.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.11 ng

RT: 19.26 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

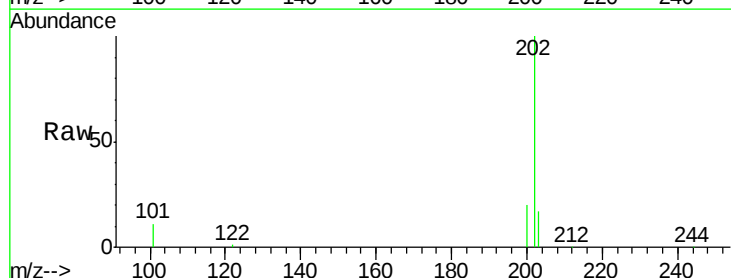
Tgt Ion:202 Resp: 22271

Ion Ratio Lower Upper

202 100

200 20.5 16.4 24.6

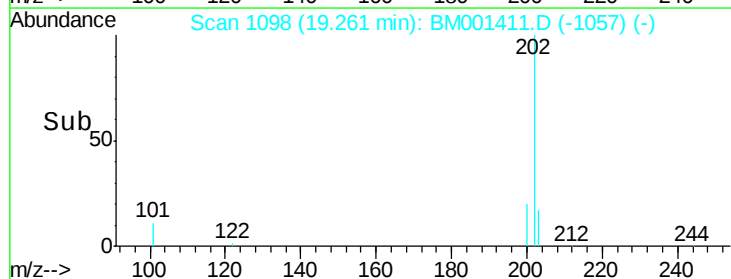
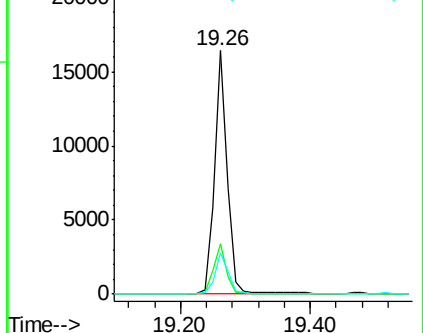
203 17.4 13.9 20.9

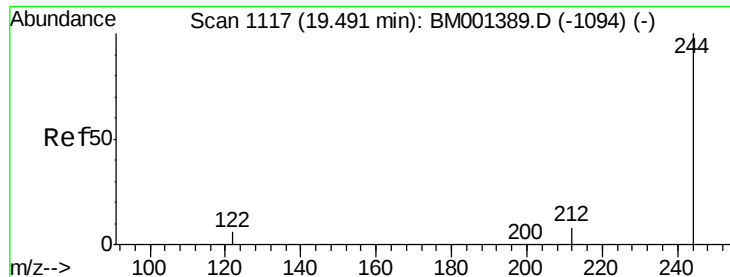


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 1.07 ng

RT: 19.48 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

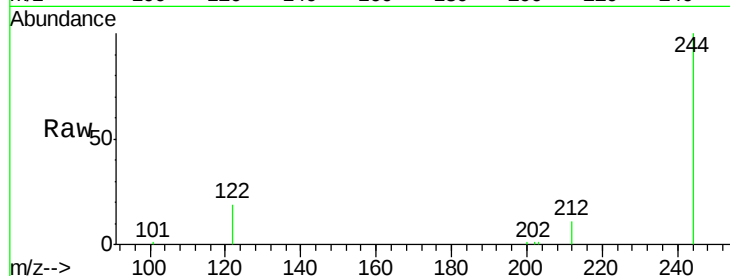
Tgt Ion:244 Resp: 9581

Ion Ratio Lower Upper

244 100

212 10.9 7.2 10.8#

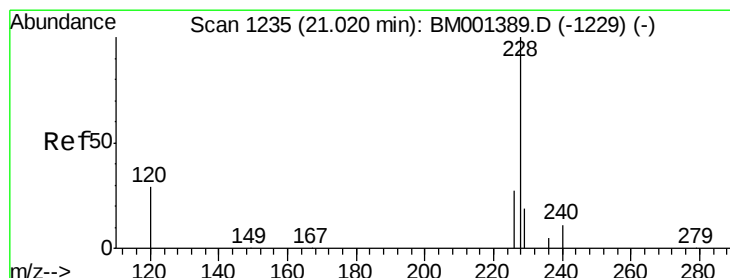
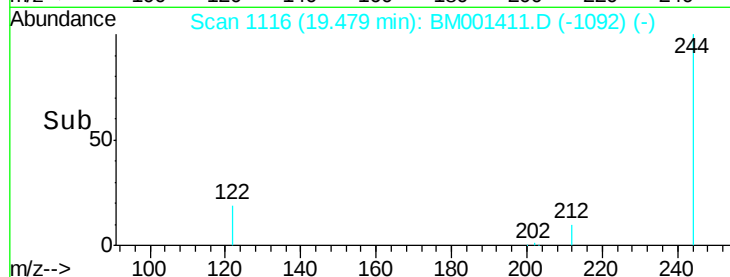
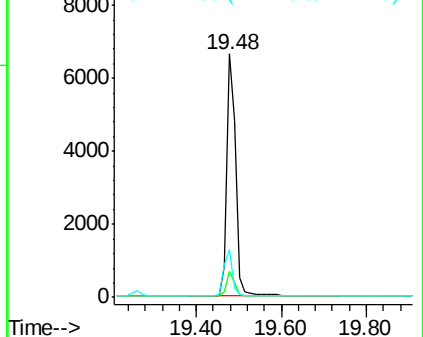
122 19.4 5.1 7.7#



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: 1.02 ng

RT: 21.02 min Scan# 1235

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

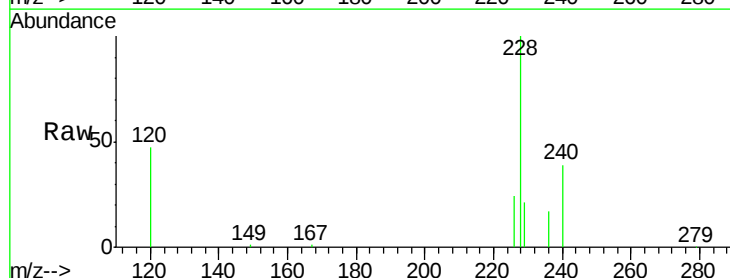
Tgt Ion:228 Resp: 20021

Ion Ratio Lower Upper

228 100

226 24.1 21.9 32.9

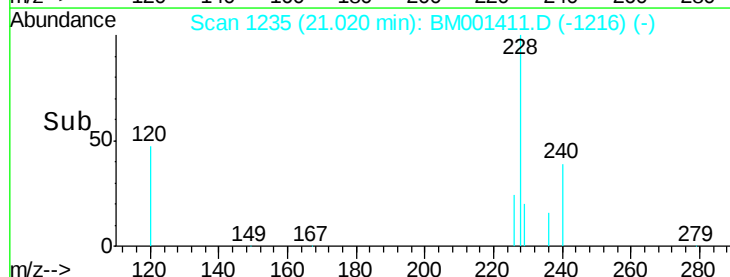
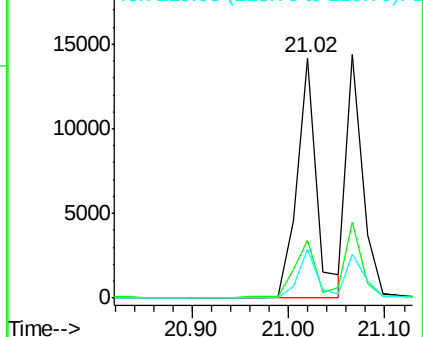
229 20.7 15.1 22.7

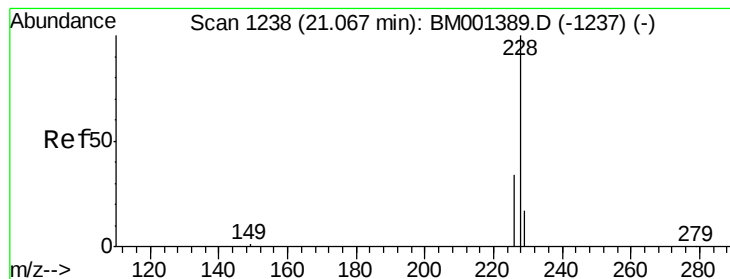


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.99 ng

RT: 21.07 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

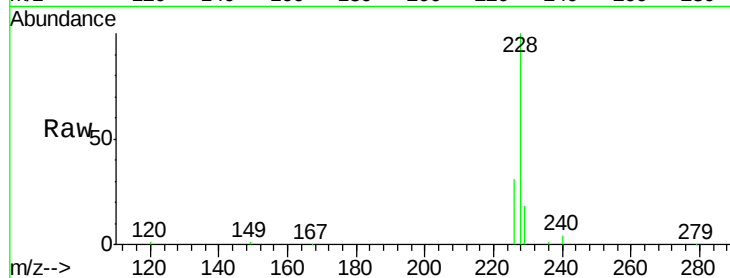
Tgt Ion: 228 Resp: 17282

Ion Ratio Lower Upper

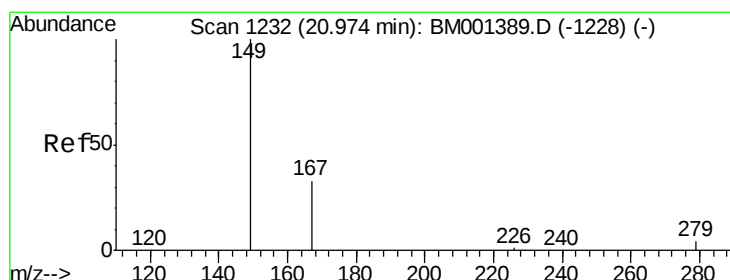
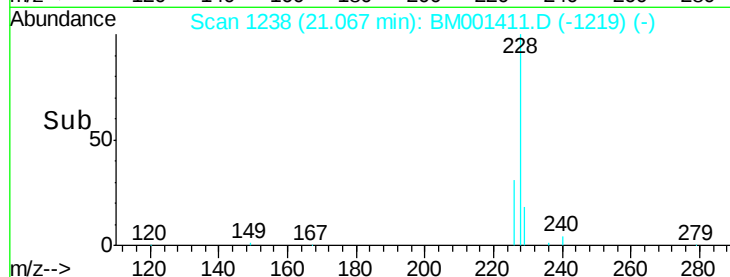
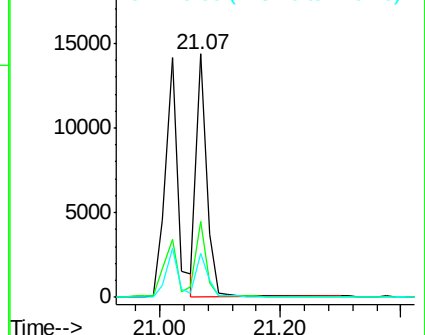
228 100

226 31.3 27.6 41.4

229 18.2 13.6 20.4



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.89 ng

RT: 20.96 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

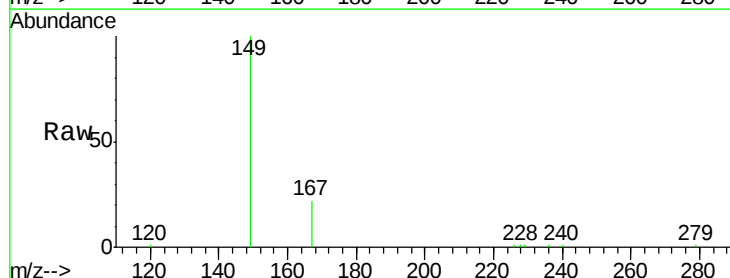
Tgt Ion: 149 Resp: 9358

Ion Ratio Lower Upper

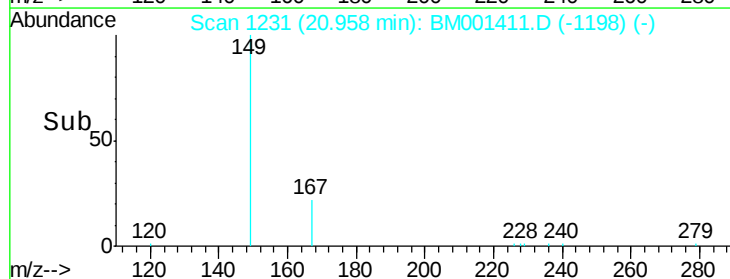
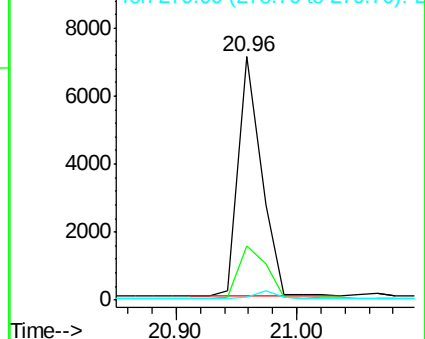
149 100

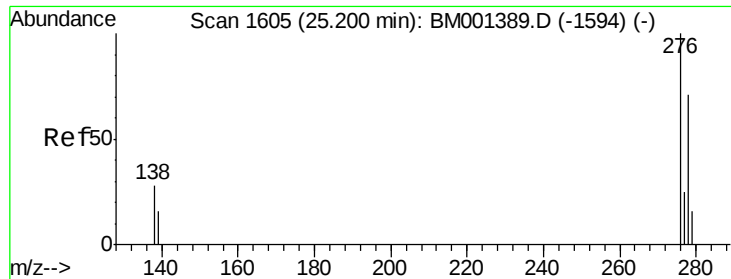
167 25.5 21.0 31.6

279 2.7 2.2 3.2



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: 0.86 ng

RT: 25.19 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

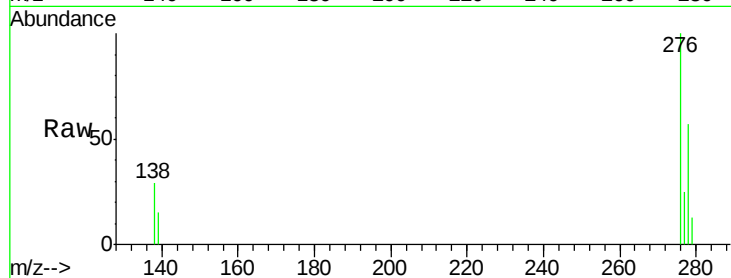
Tgt Ion:276 Resp: 16561

Ion Ratio Lower Upper

276 100

138 29.3 23.4 35.0

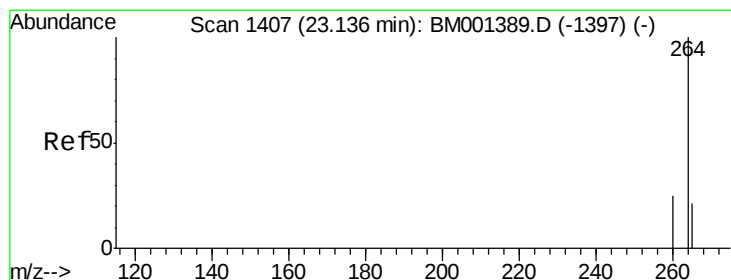
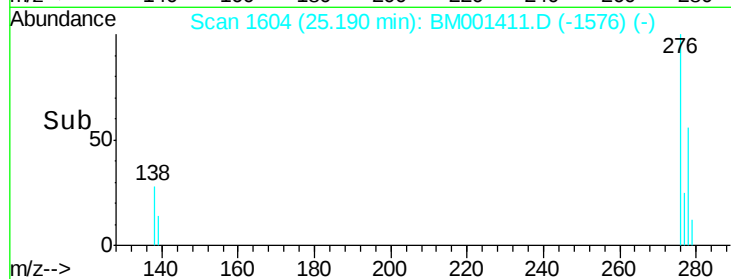
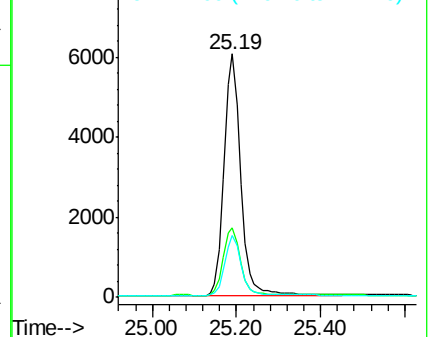
277 24.7 19.5 29.3



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.14 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

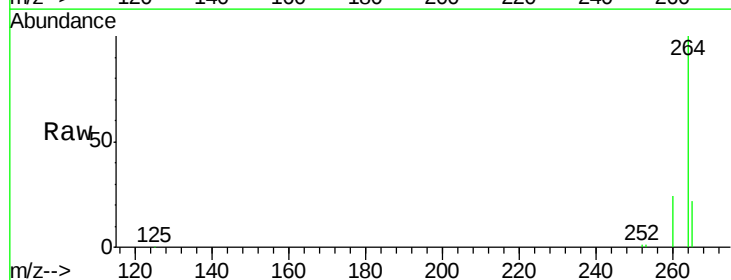
Tgt Ion:264 Resp: 56067

Ion Ratio Lower Upper

264 100

260 24.3 20.1 30.1

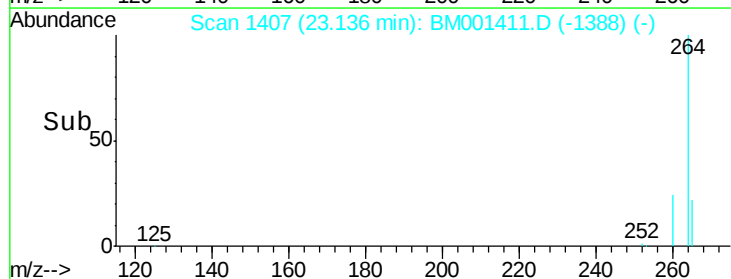
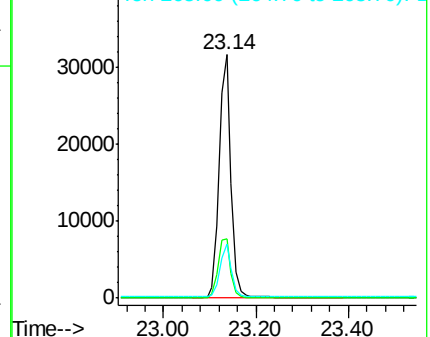
265 22.4 17.1 25.7

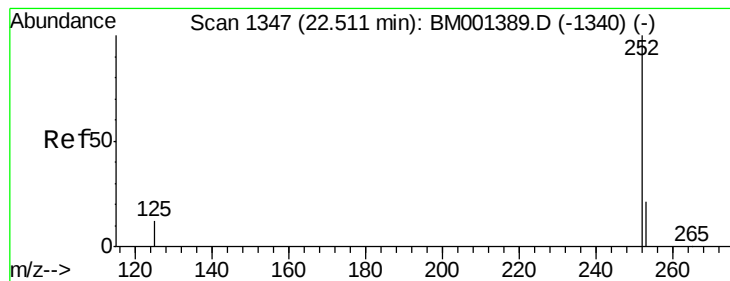


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 1.05 ng

RT: 22.51 min Scan# 1347

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

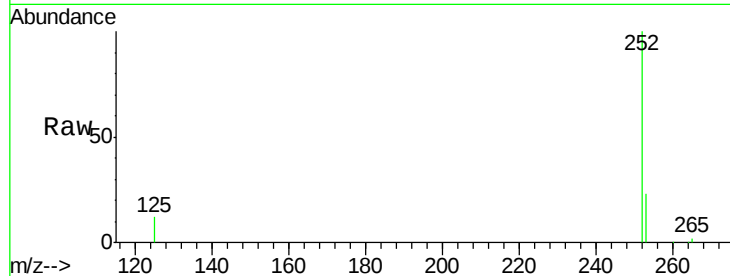
Tgt Ion:252 Resp: 17876

Ion Ratio Lower Upper

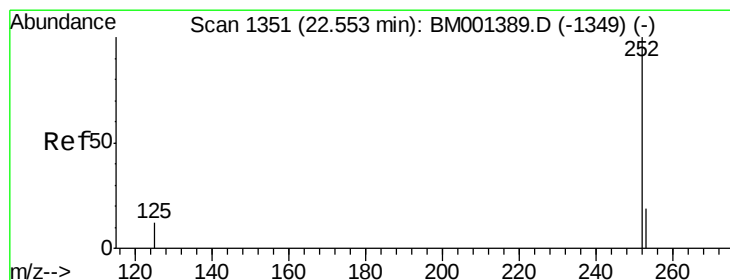
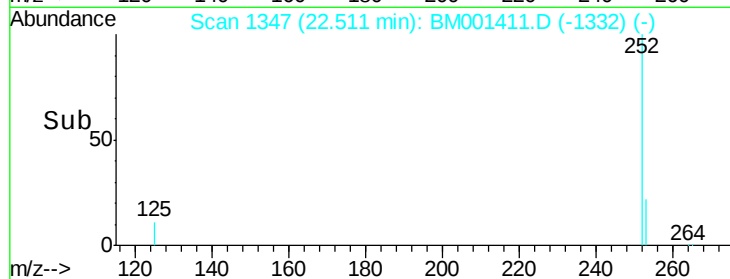
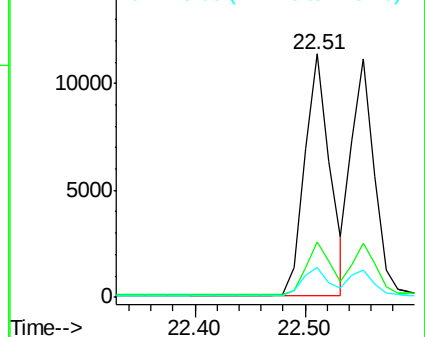
252 100

253 22.6 17.4 26.0

125 12.1 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



#34

Benzo(k)fluoranthene

Concen: 1.03 ng

RT: 22.55 min Scan# 1351

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

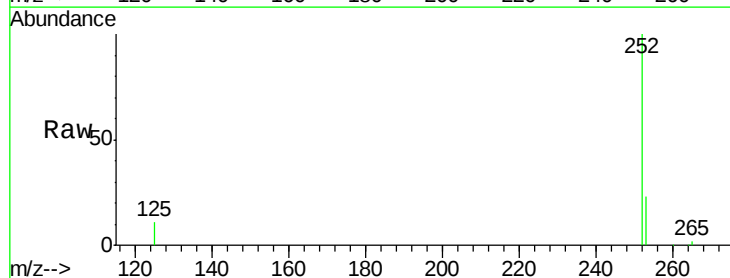
Tgt Ion:252 Resp: 16371

Ion Ratio Lower Upper

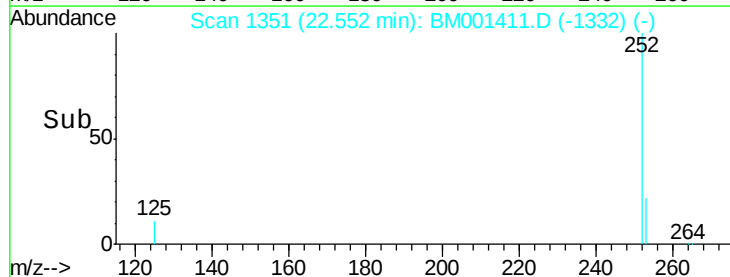
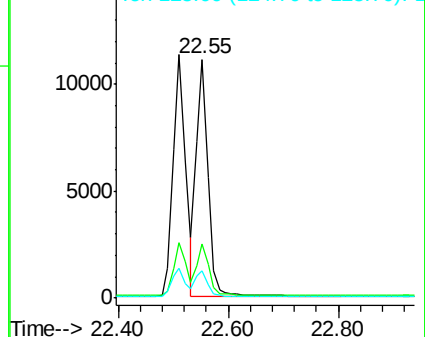
252 100

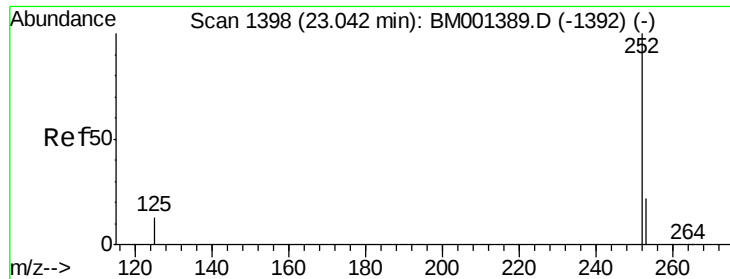
253 22.8 17.6 26.4

125 11.5 9.7 14.5



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: 1.01 ng

RT: 23.04 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

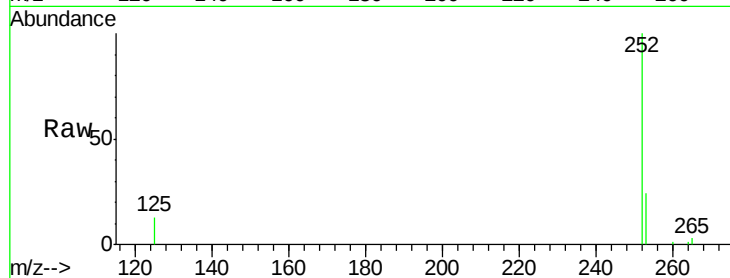
Tgt Ion:252 Resp: 15152

Ion Ratio Lower Upper

252 100

253 24.0 18.6 28.0

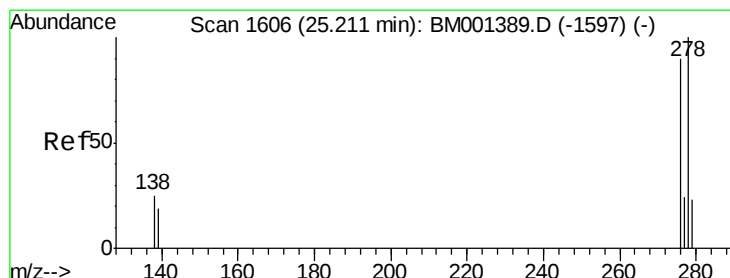
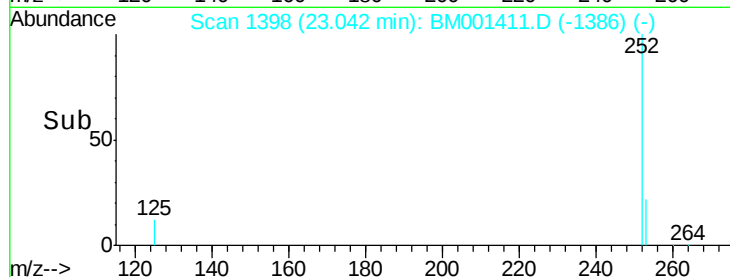
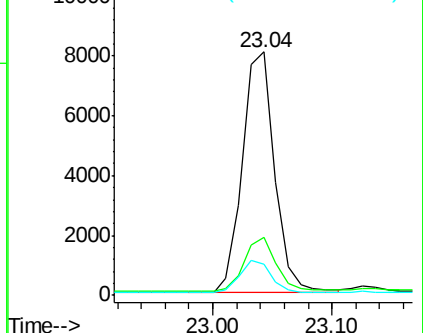
125 12.8 10.7 16.1



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: 0.93 ng

RT: 25.20 min Scan# 1605

Delta R.T. -0.01 min

Lab File: BM001411.D

Acq: 23 May 2015 09:23

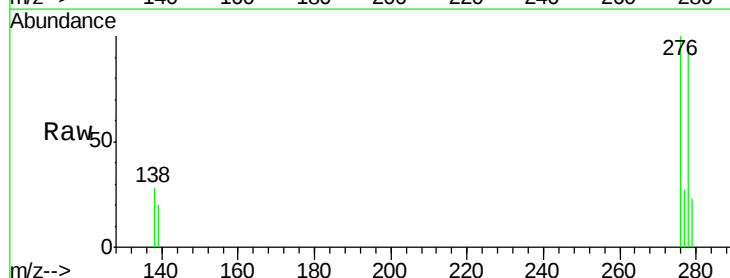
Tgt Ion:278 Resp: 12607

Ion Ratio Lower Upper

278 100

139 20.9 15.7 23.5

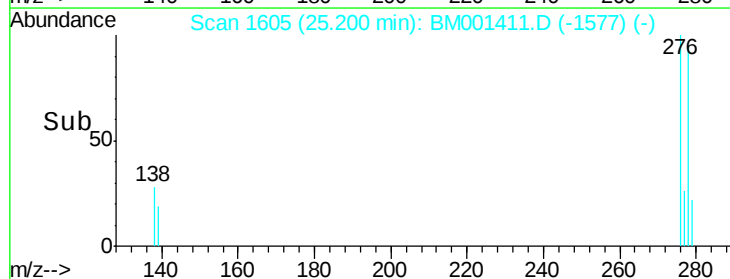
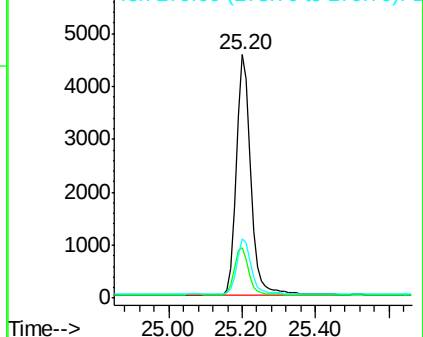
279 24.3 19.4 29.2

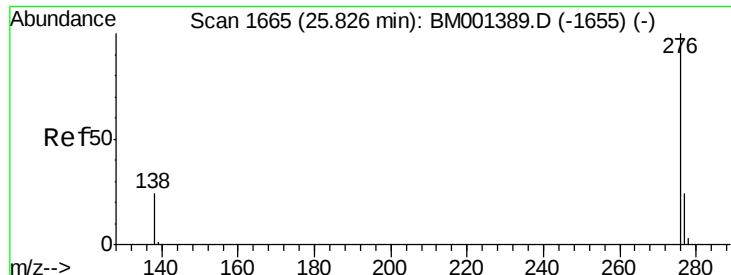


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.97 ng

RT: 25.82 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BM001411.D

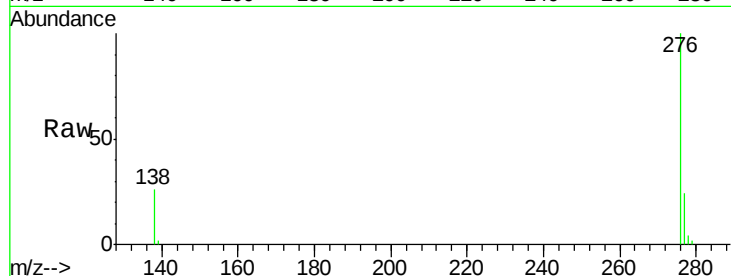
Acq: 23 May 2015 09:23

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 14001

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.6

138 25.9 20.2 30.2

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

