

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120215\
 Data File : BM003366.D
 Acq On : 02 Dec 2015 21:11
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Dec 03 00:20:12 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 16:19:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	73602	5.00	ng	0.00
7) Naphthalene-d8	10.51	136	318726	5.00	ng	0.00
13) Acenaphthene-d10	14.38	164	171848	5.00	ng	0.00
19) Phenanthrene-d10	17.12	188	411838	5.00	ng	0.00
26) Chrysene-d12	21.32	240	339764	5.00	ng	-0.01
35) Perylene-d12	23.58	264	212229	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	12738	0.87	ng	0.00
5) Phenol-d6	6.88	99	15982	0.88	ng	0.00
8) Nitrobenzene-d5	8.88	82	13282	0.89	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	3900	1.06	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	51617	1.00	ng	0.00
29) Terphenyl-d14	19.76	244	45851	0.83	ng	0.00

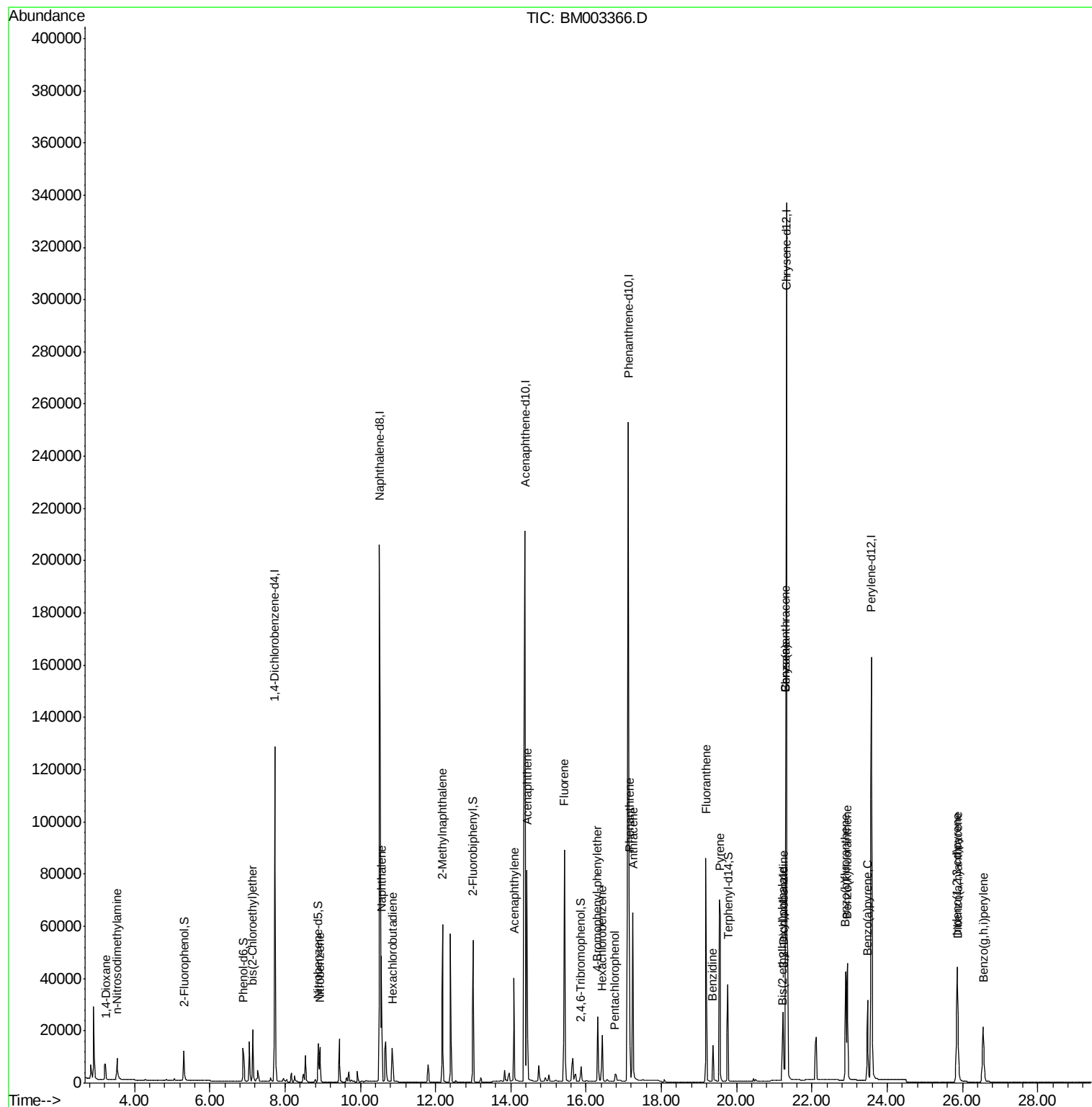
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	6178	0.94	ng	97
3) n-Nitrosodimethylamine	3.54	42	6430	0.95	ng	99
6) bis(2-Chloroethyl)ether	7.14	93	16829	0.96	ng	99
9) Nitrobenzene	8.93	77	14422	0.90	ng	100
10) Naphthalene	10.56	128	65145	0.95	ng	99
11) Hexachlorobutadiene	10.85	225	10263	0.98	ng	100
12) 2-Methylnaphthalene	12.18	142	44414	0.94	ng	99
16) Acenaphthylene	14.09	152	62386	0.92	ng	100
17) Acenaphthene	14.42	154	45794	1.01	ng	# 100
18) Fluorene	15.42	166	57494	1.12	ng	98
20) 4-Bromophenyl-phenylether	16.30	248	13928	1.17	ng	92
21) Hexachlorobenzene	16.43	284	17696	1.32	ng	# 86
22) Pentachlorophenol	16.76	266	3512	0.86	ng	91
23) Phenanthrene	17.15	178	91740	1.16	ng	99
24) Anthracene	17.25	178	83126	0.99	ng	100
25) Fluoranthene	19.18	202	89105	1.08	ng	98
27) Benzidine	19.37	184	17872	0.77	ng	99
28) Pyrene	19.56	202	94821	0.77	ng	100
30) Benzo(a)anthracene	21.30	228	154933	1.69	ng	# 91
31) 3,3'-Dichlorobenzidine	21.24	252	14392	0.61	ng	# 83
32) Chrysene	21.30	228	155276	1.46	ng	93
33) Bis(2-ethylhexyl)phthalate	21.22	149	22101	0.60	ng	# 51
34) Indeno(1,2,3-cd)pyrene	25.85	276	50235	0.64	ng	# 80
36) Benzo(b)fluoranthene	22.89	252	62374	0.97	ng	96
37) Benzo(k)fluoranthene	22.94	252	52851	0.91	ng	99
38) Benzo(a)pyrene	23.47	252	44831	0.85	ng	97
39) Dibenzo(a,h)anthracene	25.87	278	40848	0.85	ng	99
40) Benzo(g,h,i)perylene	26.55	276	42932	0.84	ng	95

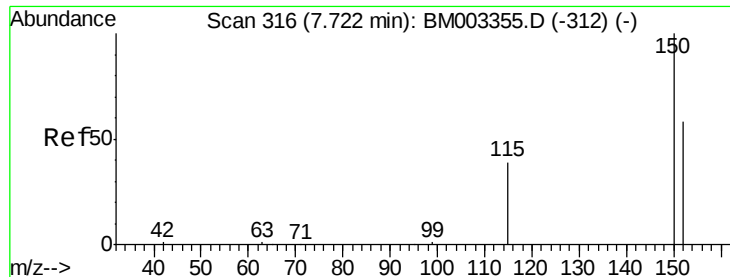
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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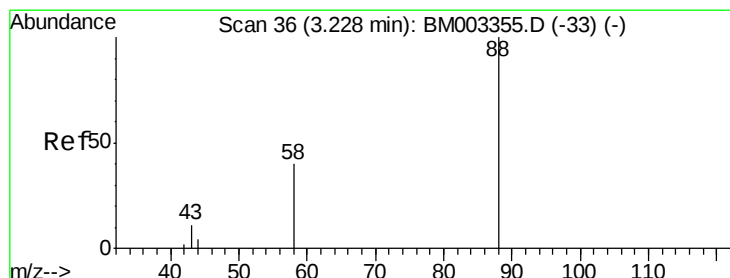
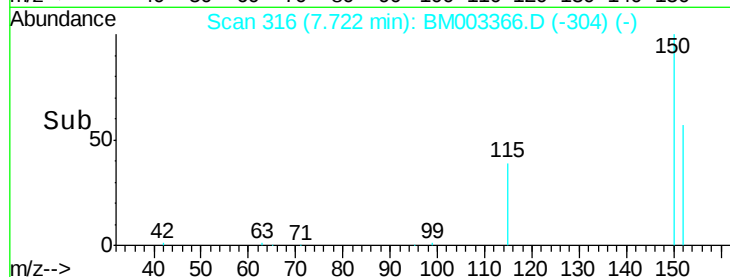
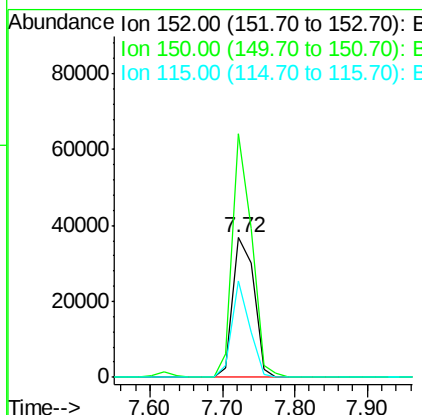
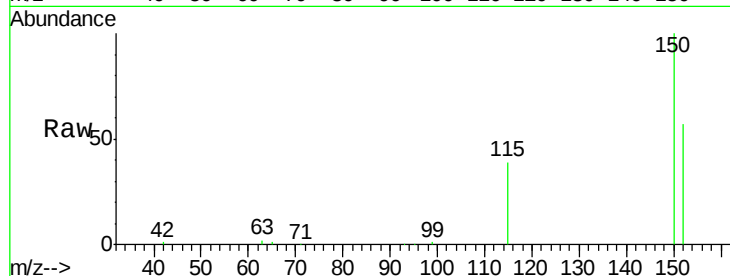




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.72 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: BM003366.D
 Acq: 02 Dec 2015 21:11

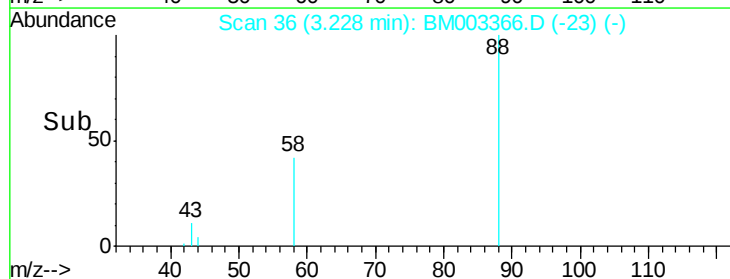
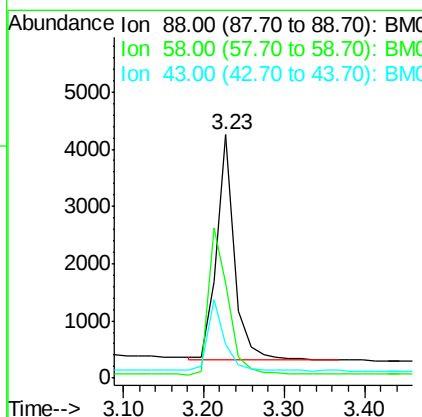
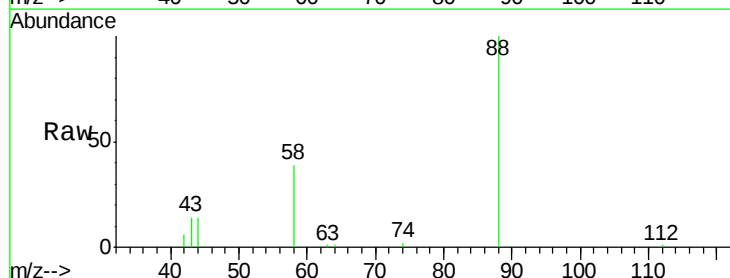
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

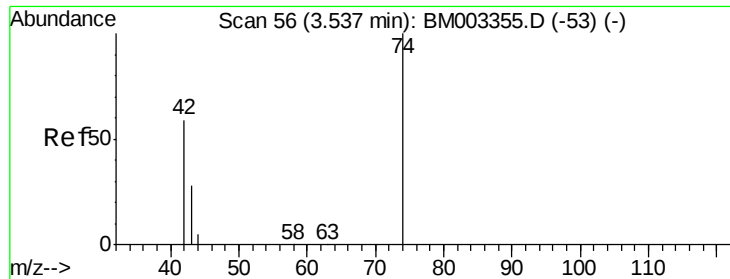
Tgt Ion: 152 Resp: 73602
 Ion Ratio Lower Upper
 152 100
 150 174.1 143.6 215.4
 115 68.7 58.5 87.7



#2
 1,4-Dioxane
 Concen: 0.94 ng
 RT: 3.23 min Scan# 36
 Delta R.T. 0.00 min
 Lab File: BM003366.D
 Acq: 02 Dec 2015 21:11

Tgt Ion: 88 Resp: 6178
 Ion Ratio Lower Upper
 88 100
 58 70.7 55.2 82.8
 43 29.2 21.8 32.6





#3

n-Nitrosodimethylamine

Concen: 0.95 ng

RT: 3.54 min Scan# 56

Delta R.T. 0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

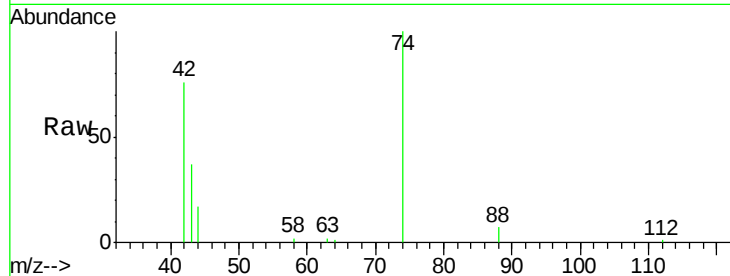
Tgt Ion: 42 Resp: 6430

Ion Ratio Lower Upper

42 100

74 124.9 101.0 151.4

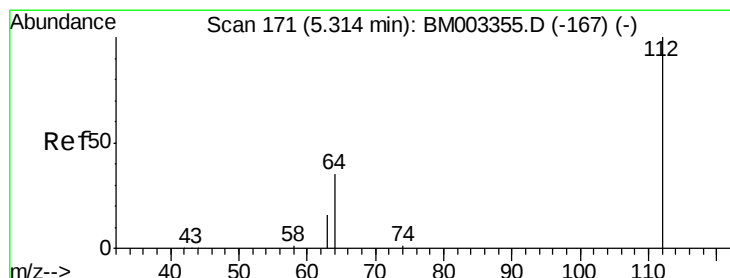
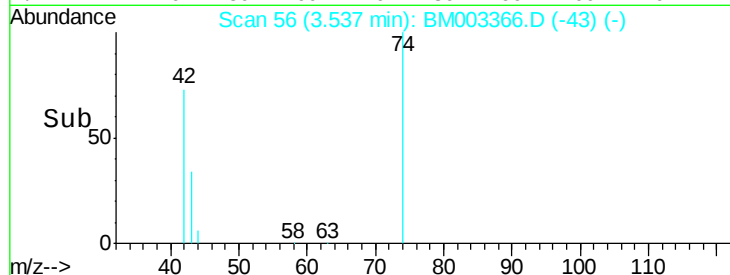
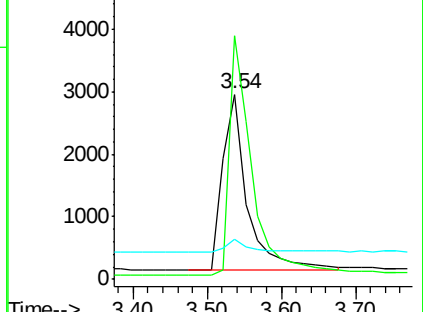
44 6.9 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003355.D (-53) (-)

Ion 74.00 (73.70 to 74.70): BM003355.D (-53) (-)

Ion 44.00 (43.70 to 44.70): BM003355.D (-53) (-)



#4

2-Fluorophenol

Concen: 0.87 ng

RT: 5.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

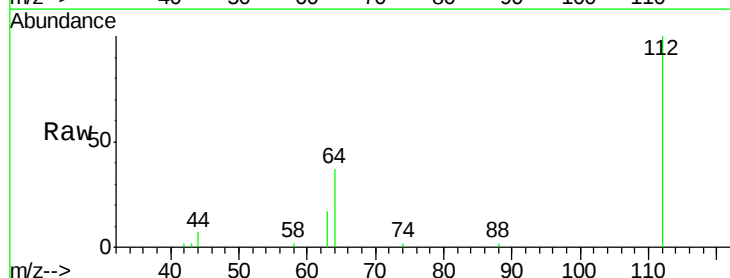
Tgt Ion: 112 Resp: 12738

Ion Ratio Lower Upper

112 100

64 51.8 41.2 61.8

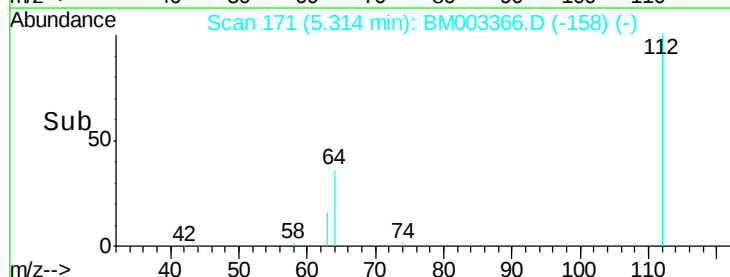
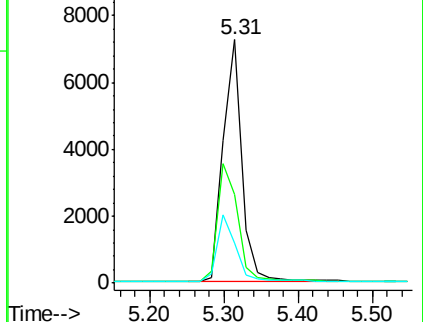
63 27.0 21.2 31.8

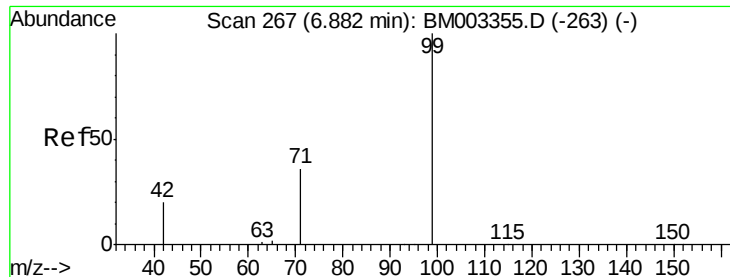


Abundance Ion 112.00 (111.70 to 112.70): BM003355.D (-167) (-)

Ion 64.00 (63.70 to 64.70): BM003355.D (-167) (-)

Ion 63.00 (62.70 to 63.70): BM003355.D (-167) (-)





#5

Phenol-d6

Concen: 0.88 ng

RT: 6.88 min Scan# 267

Delta R.T. 0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

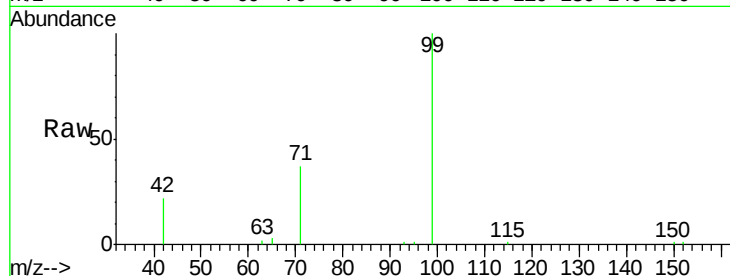
Tgt Ion: 99 Resp: 15982

Ion Ratio Lower Upper

99 100

42 19.1 14.6 22.0

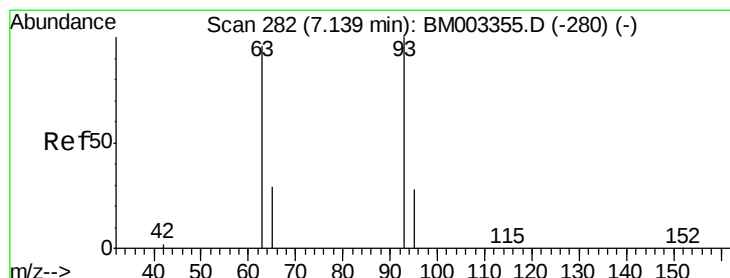
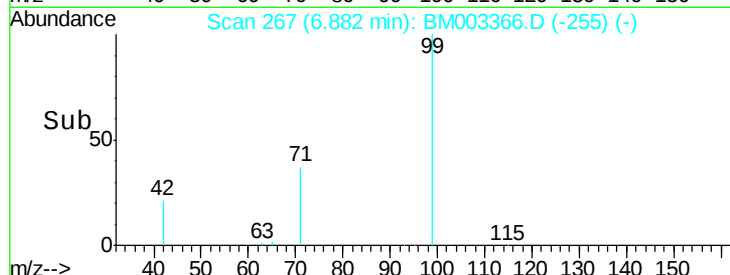
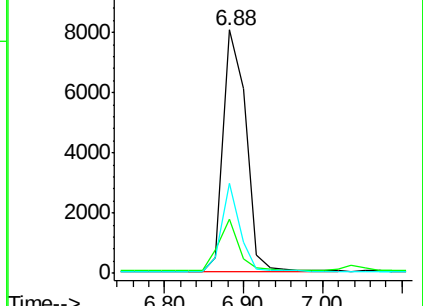
71 29.7 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003366.D (-255) (-)

Ion 42.00 (41.70 to 42.70): BM003366.D (-255) (-)

Ion 71.00 (70.70 to 71.70): BM003366.D (-255) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.96 ng

RT: 7.14 min Scan# 282

Delta R.T. 0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

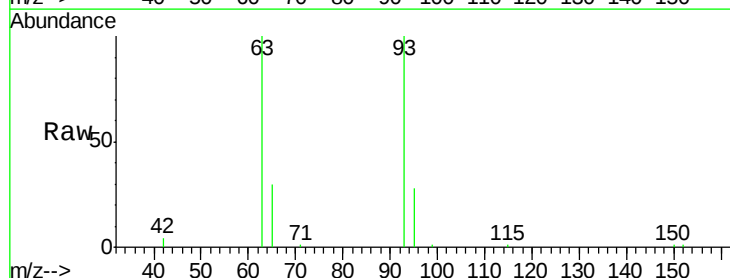
Tgt Ion: 93 Resp: 16829

Ion Ratio Lower Upper

93 100

63 73.3 58.2 87.4

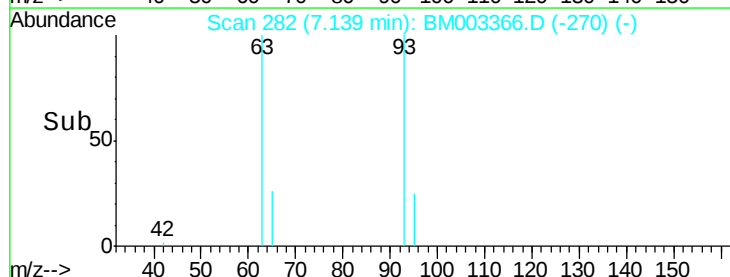
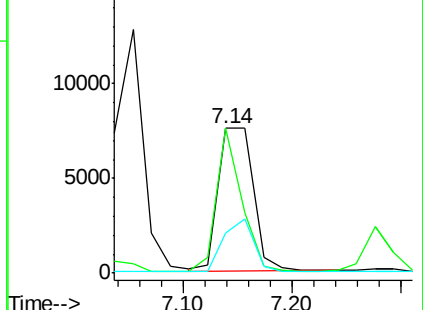
95 32.6 26.2 39.4

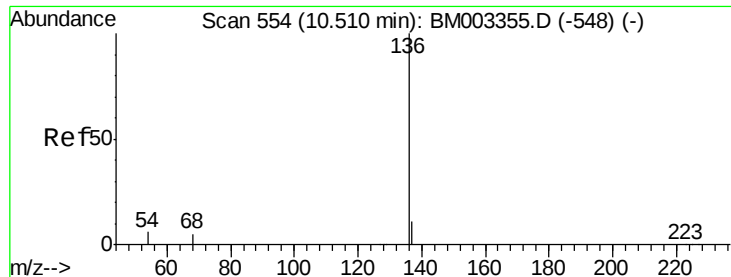


Abundance Ion 93.00 (92.70 to 93.70): BM003366.D (-270) (-)

Ion 63.00 (62.70 to 63.70): BM003366.D (-270) (-)

Ion 95.00 (94.70 to 95.70): BM003366.D (-270) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 553

Delta R.T. -0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tgt Ion: 136 Resp: 318726

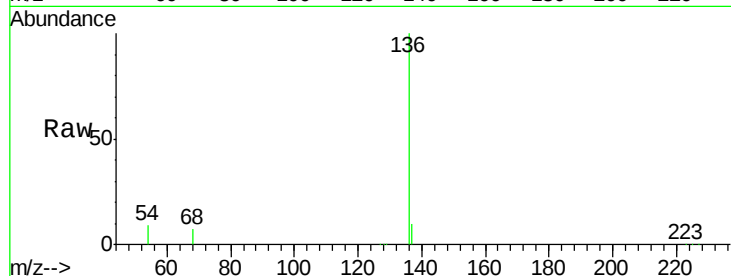
Ion Ratio Lower Upper

136 100

137 10.2 8.0 12.0

54 8.5 7.4 11.0

68 6.6 5.8 8.6

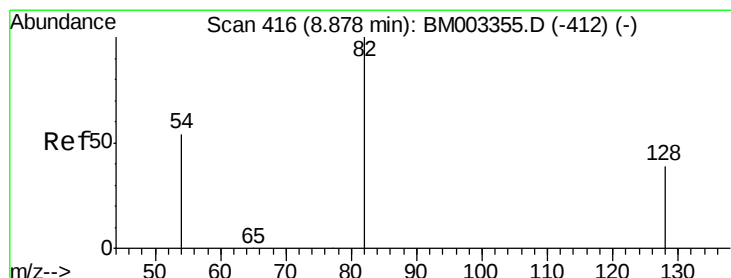
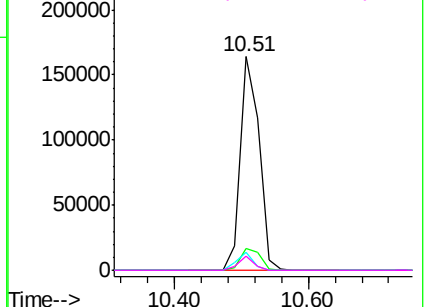
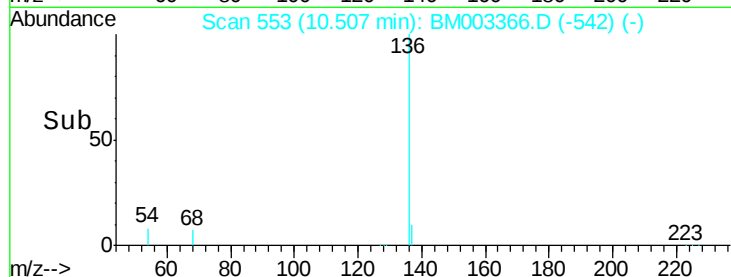


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 0.89 ng

RT: 8.88 min Scan# 416

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

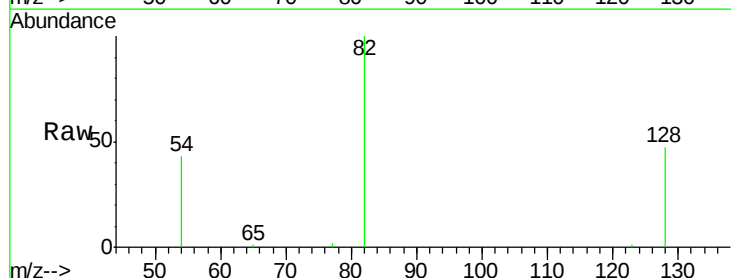
Tgt Ion: 82 Resp: 13282

Ion Ratio Lower Upper

82 100

128 46.8 35.2 52.8

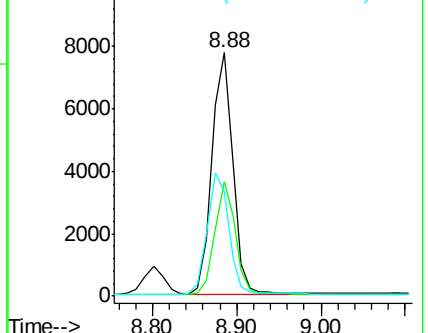
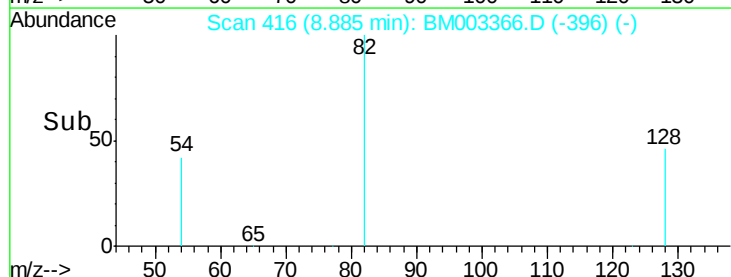
54 42.7 36.4 54.6

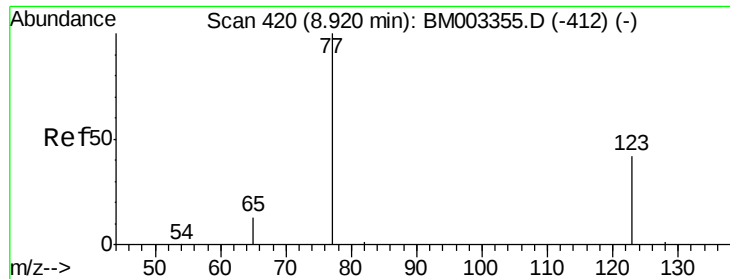


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.90 ng

RT: 8.93 min Scan# 420

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

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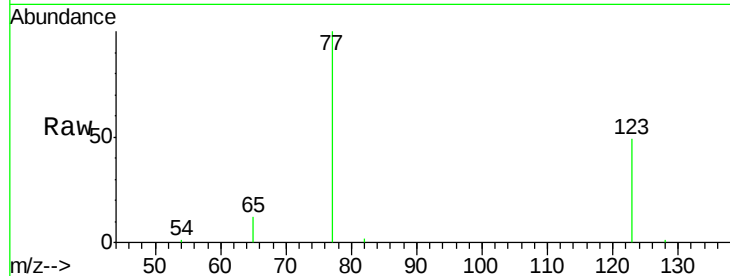
Tgt Ion: 77 Resp: 14422

Ion Ratio Lower Upper

77 100

123 47.3 37.7 56.5

65 12.2 9.8 14.6



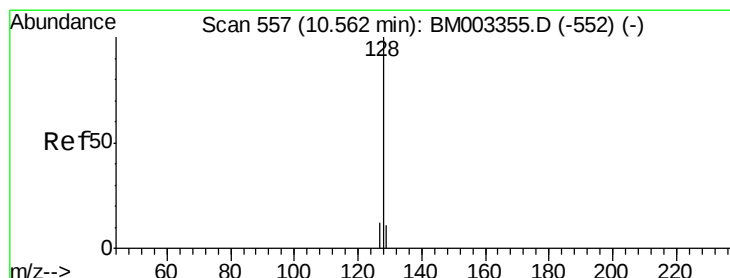
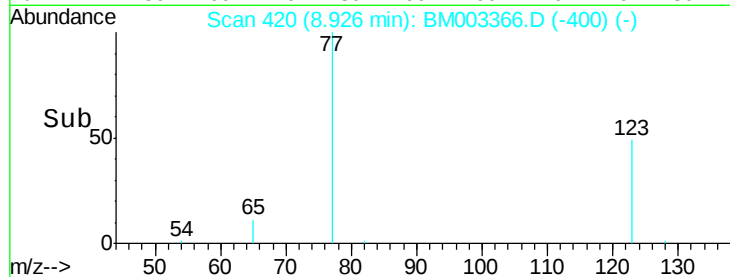
Abundance Ion 77.00 (76.70 to 77.70): BM003355.D (-412) (-)

Ion 123.00 (122.70 to 123.70): BM003355.D (-412) (-)

Ion 65.00 (64.70 to 65.70): BM003355.D (-412) (-)

8.93

Time-->



#10

Naphthalene

Concen: 0.95 ng

RT: 10.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

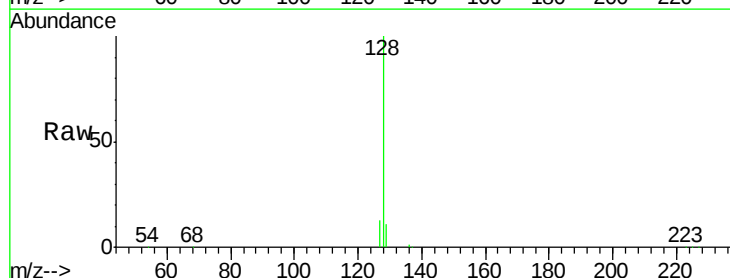
Tgt Ion: 128 Resp: 65145

Ion Ratio Lower Upper

128 100

129 10.7 8.5 12.7

127 13.0 10.6 16.0



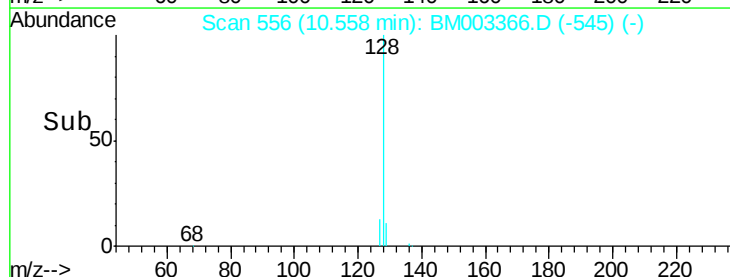
Abundance Ion 128.00 (127.70 to 128.70): BM003355.D (-552) (-)

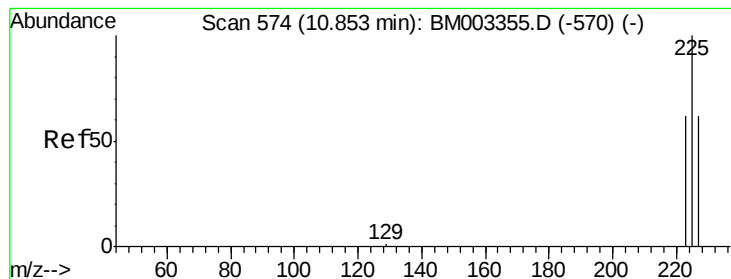
Ion 129.00 (128.70 to 129.70): BM003355.D (-552) (-)

Ion 127.00 (126.70 to 127.70): BM003355.D (-552) (-)

10.56

Time-->





#11

Hexachlorobutadiene

Concen: 0.98 ng

RT: 10.85 min Scan# 573

Delta R.T. -0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

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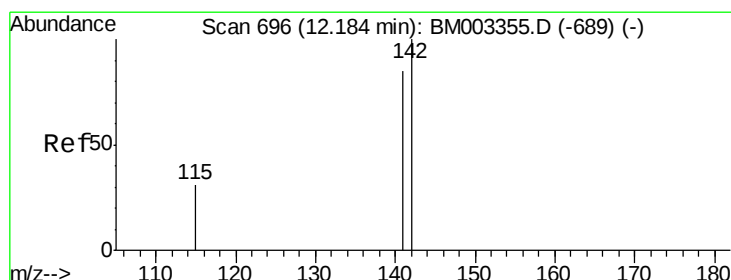
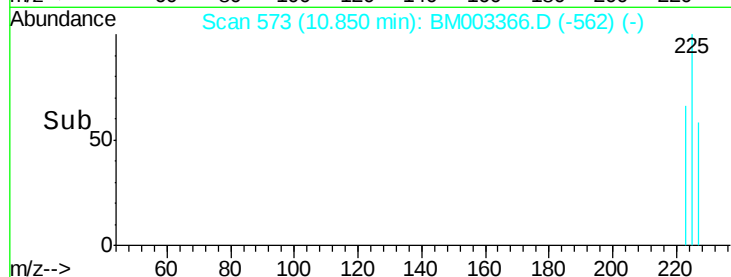
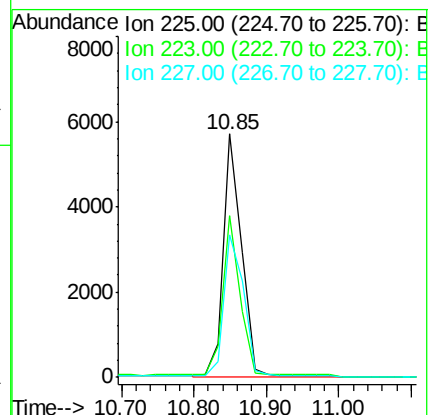
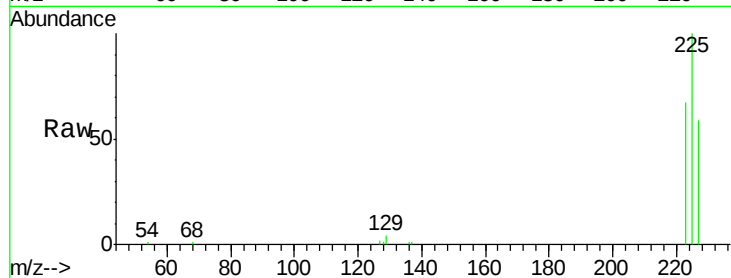
Tgt Ion:225 Resp: 10263

Ion Ratio Lower Upper

225 100

223 66.0 53.0 79.4

227 65.4 52.2 78.4



#12

2-Methylnaphthalene

Concen: 0.94 ng

RT: 12.18 min Scan# 695

Delta R.T. -0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

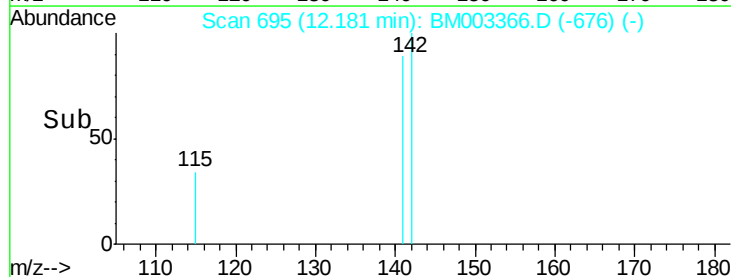
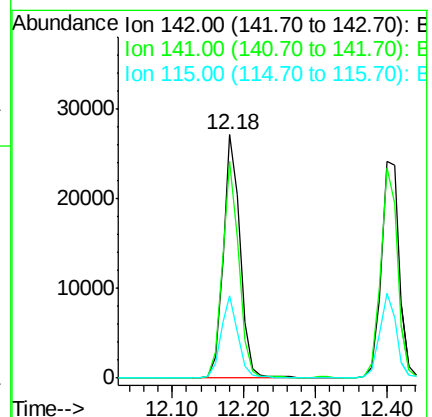
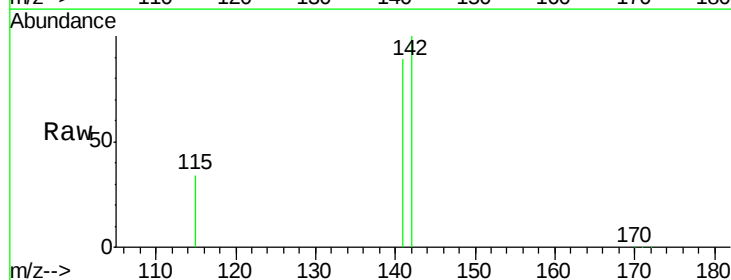
Tgt Ion:142 Resp: 44414

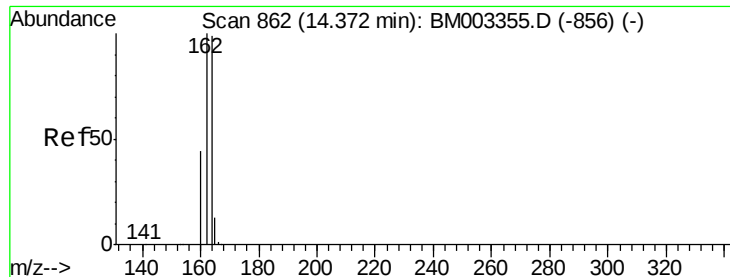
Ion Ratio Lower Upper

142 100

141 89.2 72.2 108.2

115 34.0 28.0 42.0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.38 min Scan# 862

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

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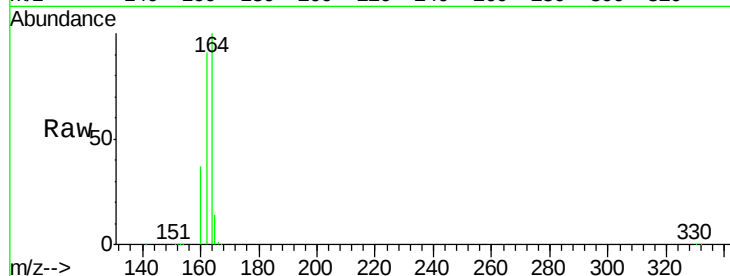
Tgt Ion:164 Resp: 171848

Ion Ratio Lower Upper

164 100

162 90.7 78.3 117.5

160 36.5 33.8 50.6



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

120000

100000

80000

60000

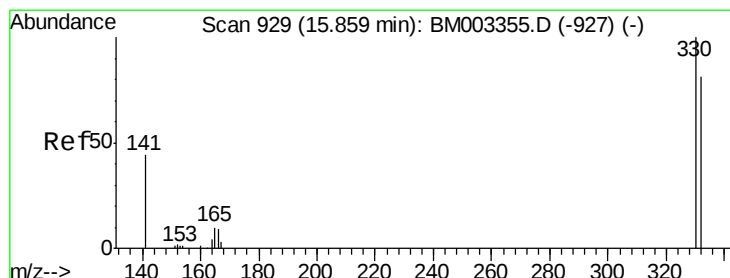
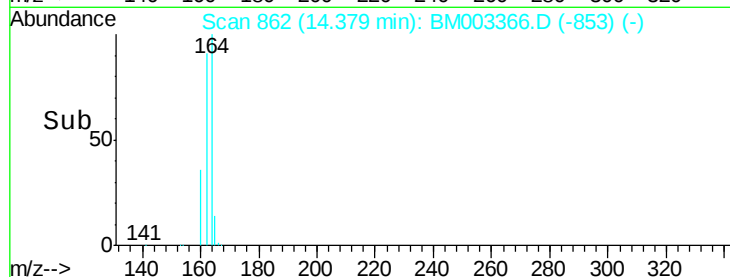
40000

20000

0

14.30 14.40 14.50

Time-->



#14

2,4,6-Tribromophenol

Concen: 1.06 ng

RT: 15.87 min Scan# 929

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

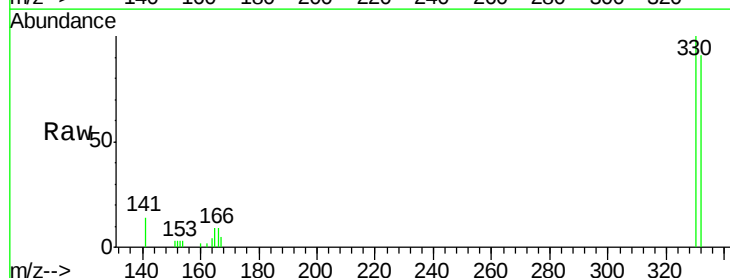
Tgt Ion:330 Resp: 3900

Ion Ratio Lower Upper

330 100

332 93.6 76.0 114.0

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

3000

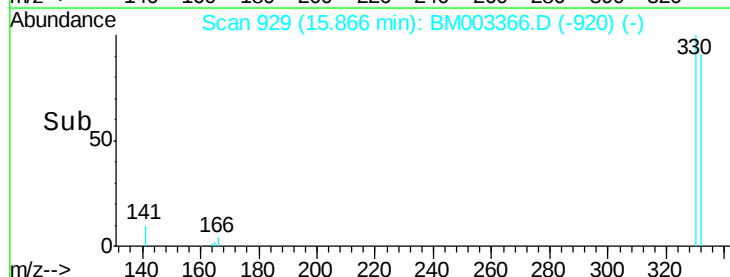
2000

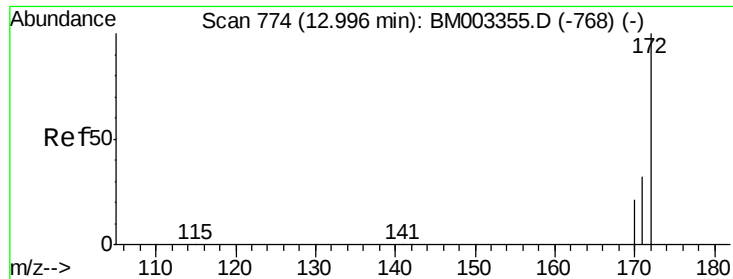
1000

0

15.80 15.90 16.00

Time-->

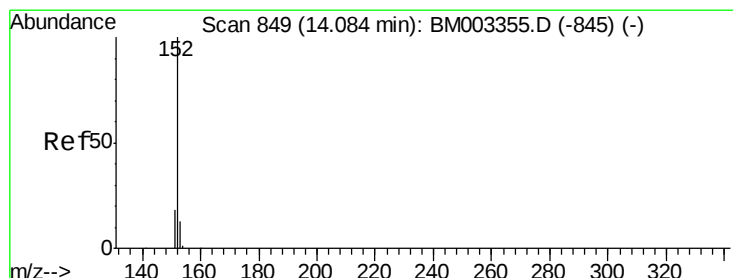
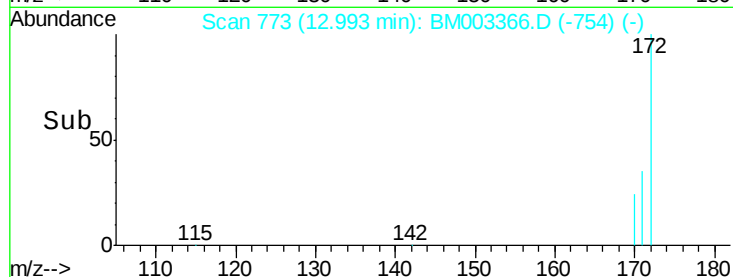
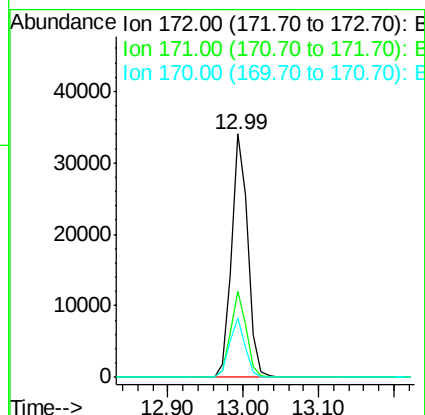
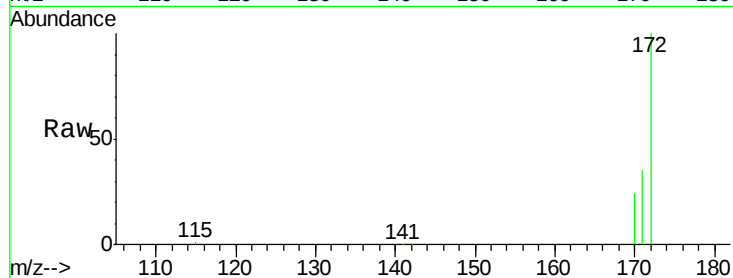




#15
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.99 min Scan# 773
Delta R.T. -0.00 min
Lab File: BM003366.D
Acq: 02 Dec 2015 21:11

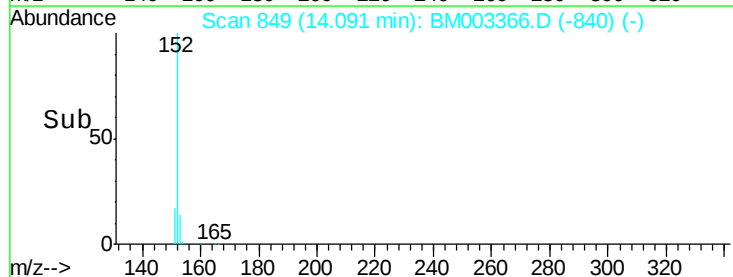
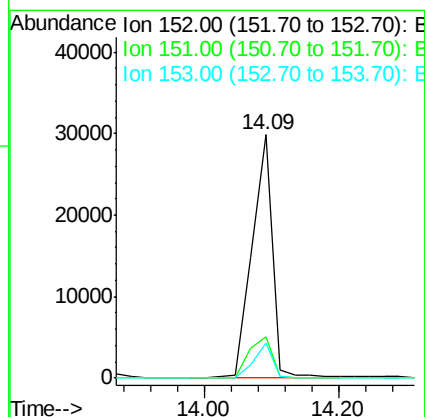
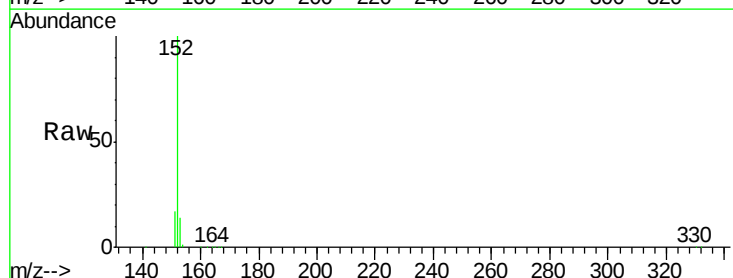
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

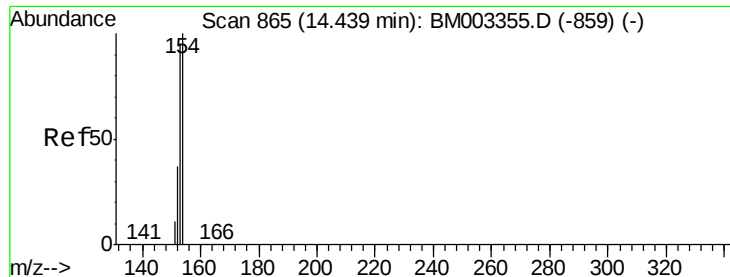
Tgt Ion:172 Resp: 51617
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 24.2 18.9 28.3



#16
Acenaphthylene
Concen: 0.92 ng
RT: 14.09 min Scan# 849
Delta R.T. 0.01 min
Lab File: BM003366.D
Acq: 02 Dec 2015 21:11

Tgt Ion:152 Resp: 62386
Ion Ratio Lower Upper
152 100
151 19.3 15.2 22.8
153 13.1 10.4 15.6





#17

Acenaphthene

Concen: 1.01 ng

RT: 14.42 min Scan# 864

Delta R.T. -0.02 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

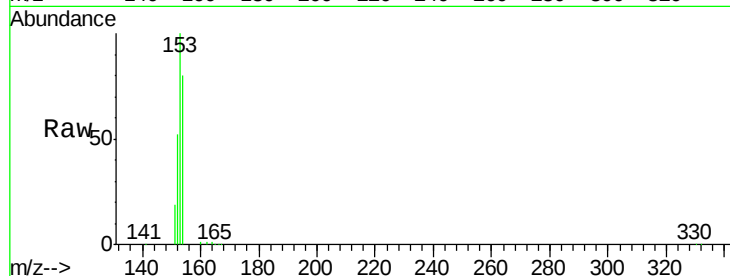
Tgt Ion:154 Resp: 45794

Ion Ratio Lower Upper

154 100

153 113.3 0.0 0.0#

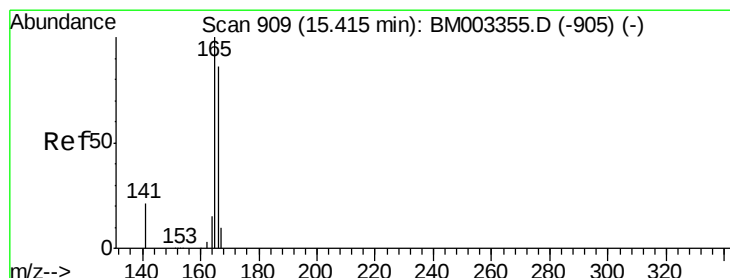
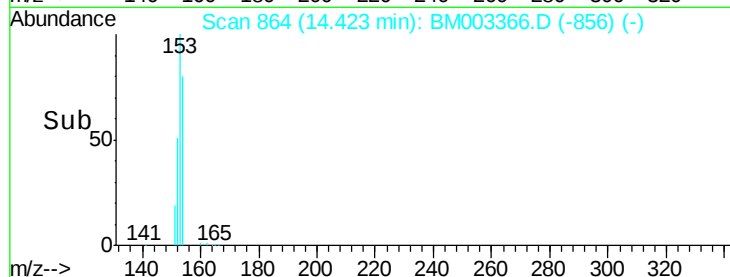
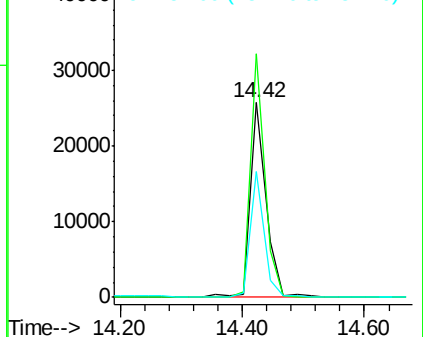
152 56.2 0.0 0.0#



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



#18

Fluorene

Concen: 1.12 ng

RT: 15.42 min Scan# 909

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

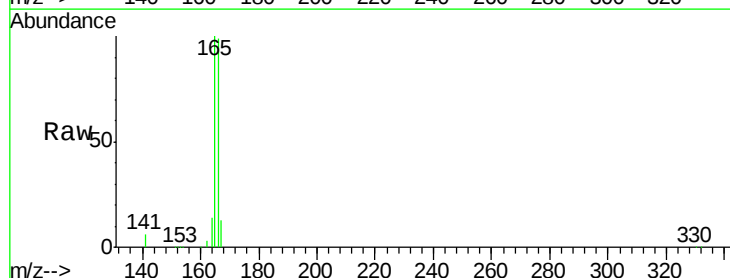
Tgt Ion:166 Resp: 57494

Ion Ratio Lower Upper

166 100

165 99.0 80.8 121.2

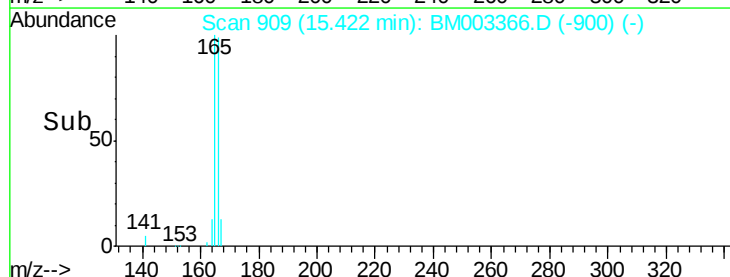
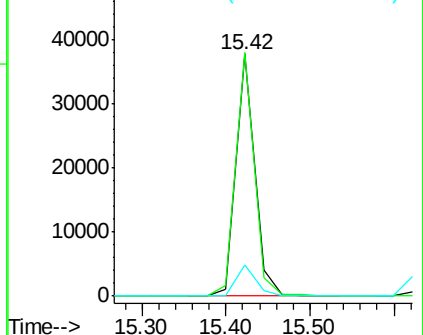
167 13.2 10.5 15.7

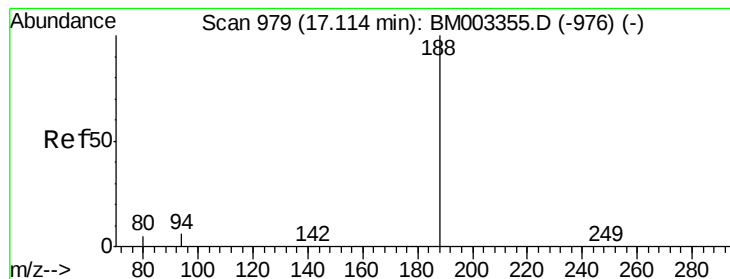


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.12 min Scan# 979

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

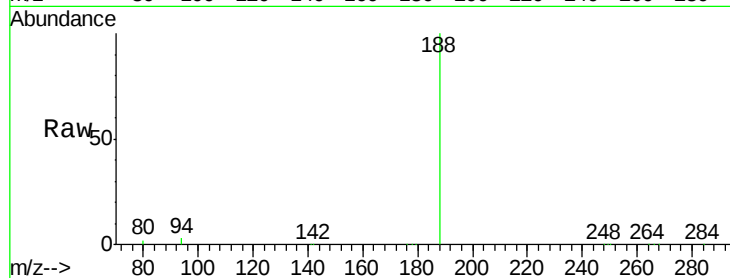
Tgt Ion:188 Resp: 411838

Ion Ratio Lower Upper

188 100

94 2.9 1.8 2.6#

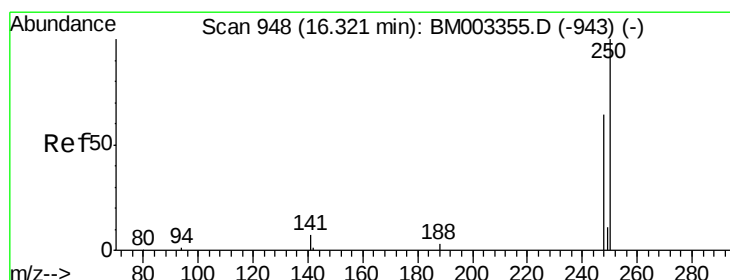
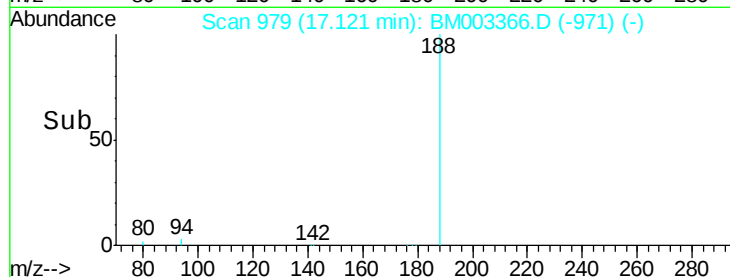
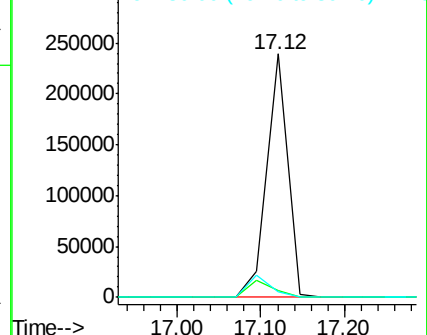
80 2.3 1.4 2.0#



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



#20

4-Bromophenyl-phenylether

Concen: 1.17 ng

RT: 16.30 min Scan# 947

Delta R.T. -0.02 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

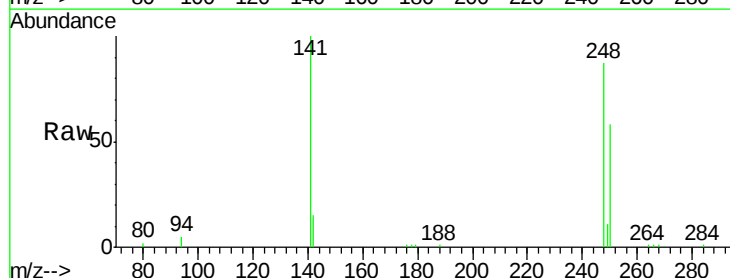
Tgt Ion:248 Resp: 13928

Ion Ratio Lower Upper

248 100

250 83.5 65.4 98.0

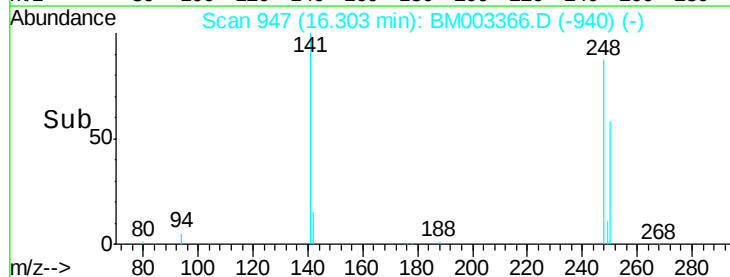
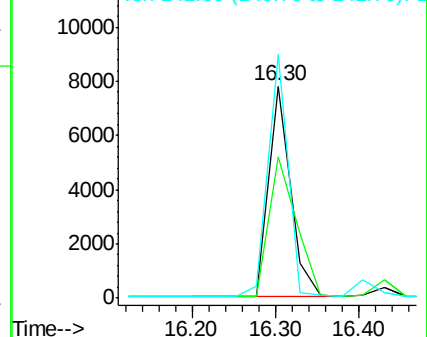
141 104.5 72.8 109.2

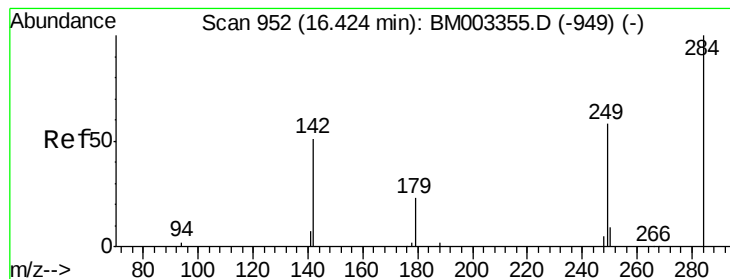


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.32 ng

RT: 16.43 min Scan# 952

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

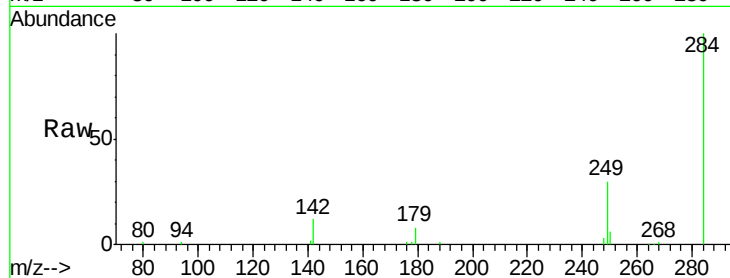
Tgt Ion: 284 Resp: 17696

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

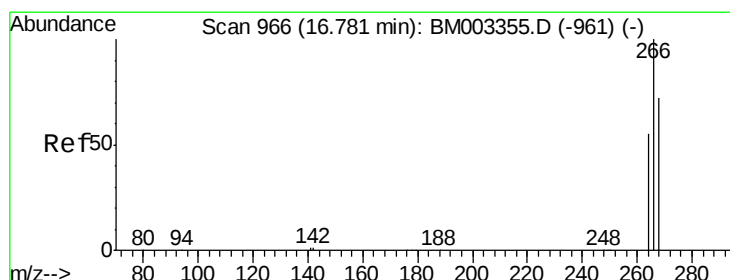
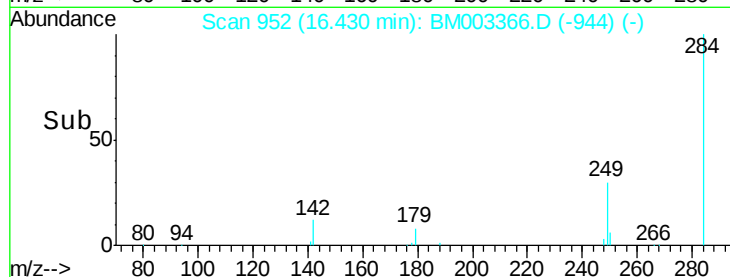
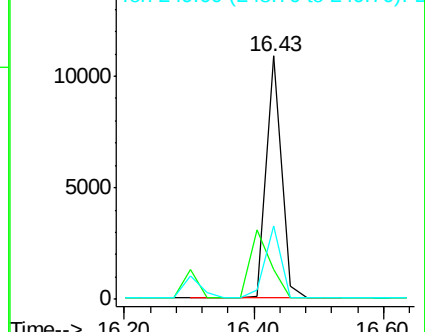
249 31.2 19.4 29.2#



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



#22

Pentachlorophenol

Concen: 0.86 ng

RT: 16.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

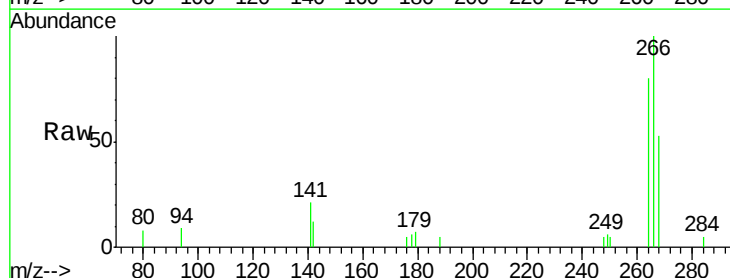
Tgt Ion: 266 Resp: 3512

Ion Ratio Lower Upper

266 100

268 52.5 45.8 68.8

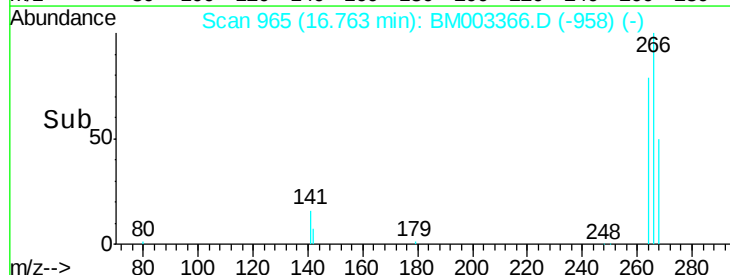
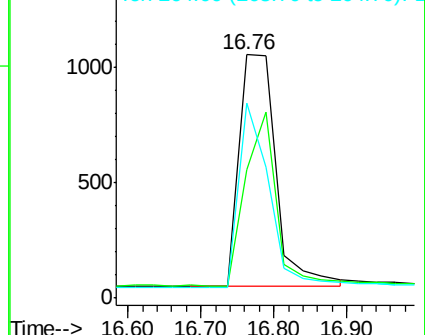
264 79.9 56.7 85.1

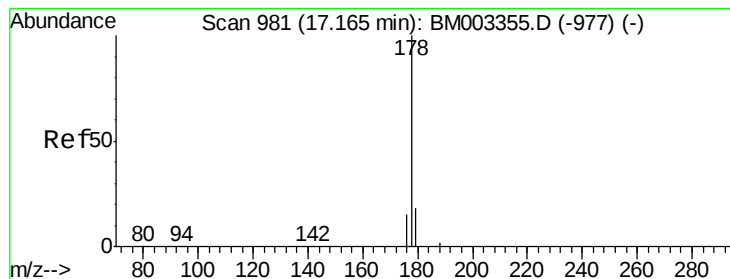


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 1.16 ng

RT: 17.15 min Scan# 980

Delta R.T. -0.02 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

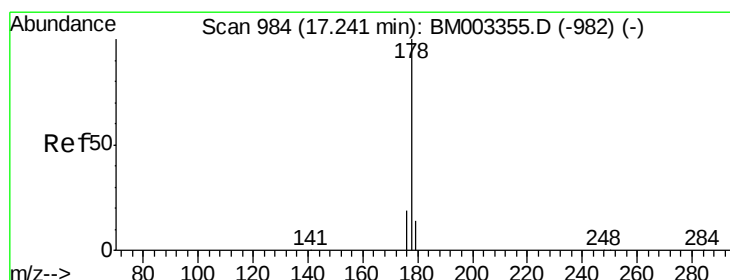
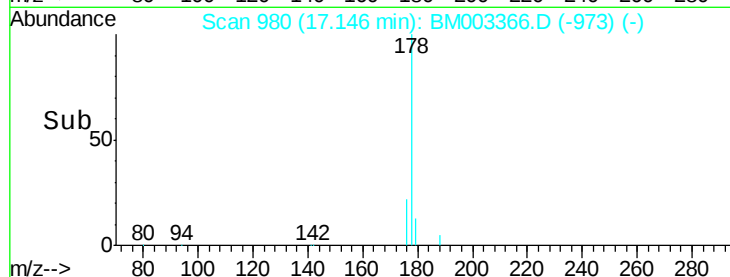
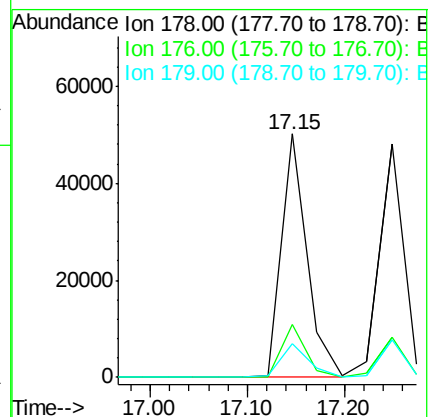
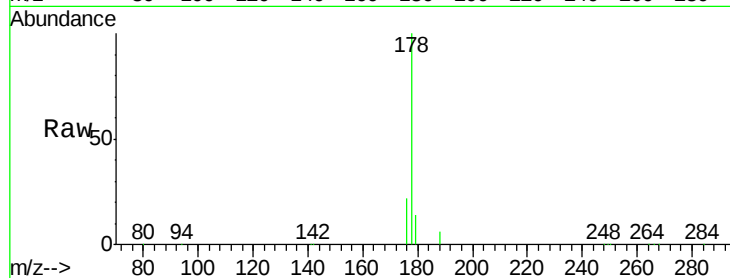
Tgt Ion:178 Resp: 91740

Ion Ratio Lower Upper

178 100

176 20.5 15.9 23.9

179 14.8 11.7 17.5



#24

Anthracene

Concen: 0.99 ng

RT: 17.25 min Scan# 984

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

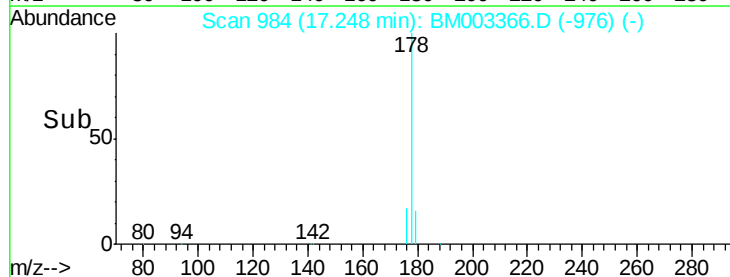
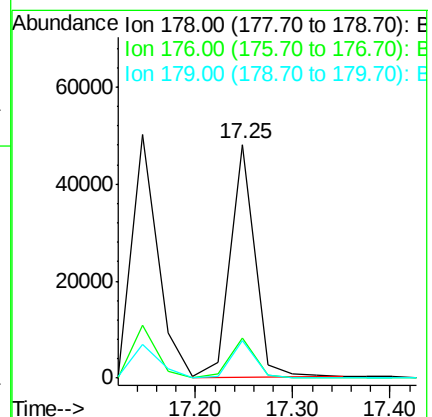
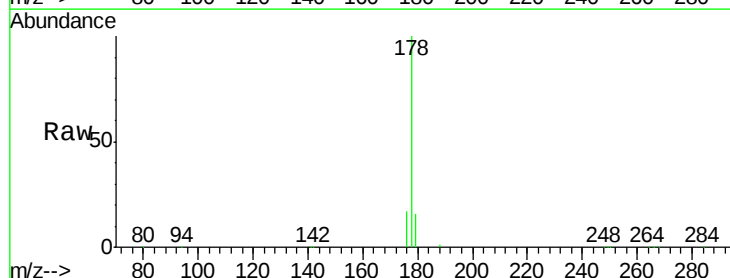
Tgt Ion:178 Resp: 83126

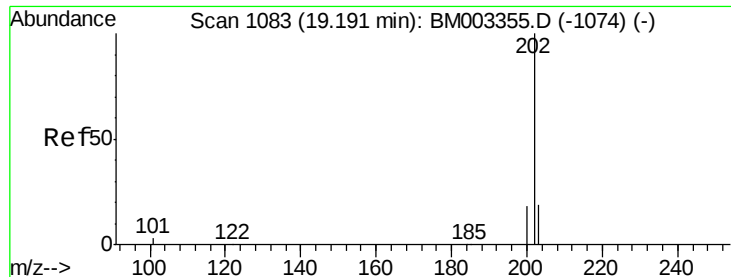
Ion Ratio Lower Upper

178 100

176 17.7 14.1 21.1

179 15.7 12.8 19.2





#25

Fluoranthene

Concen: 1.08 ng

RT: 19.18 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

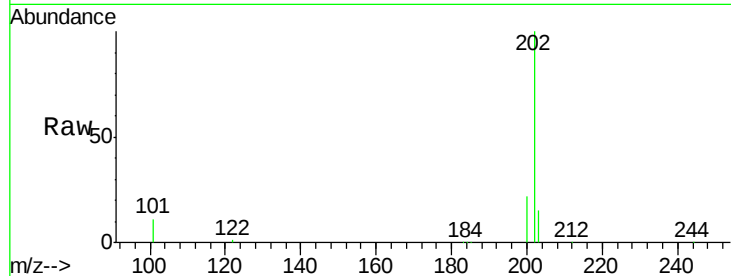
BNA_M

ClientSampleId :

SSTDCCC001EC

Tgt Ion: 202 Resp: 89105

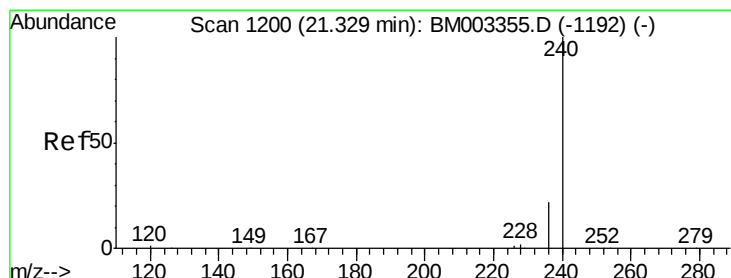
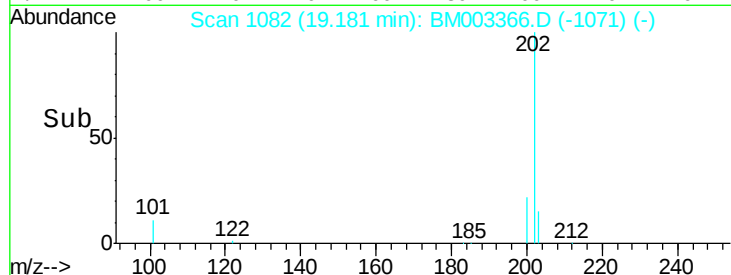
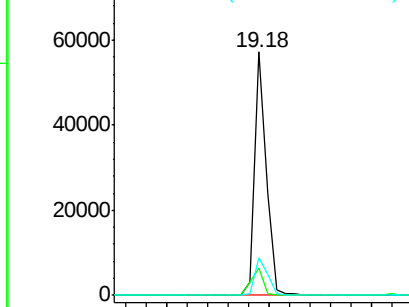
Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.9	14.9
203	16.9	13.9	20.9



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.32 min Scan# 1199

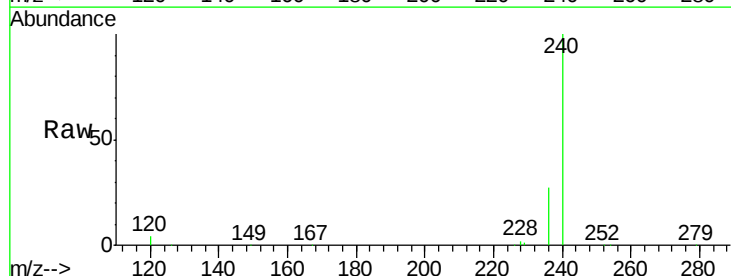
Delta R.T. -0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Tgt Ion: 240 Resp: 339764

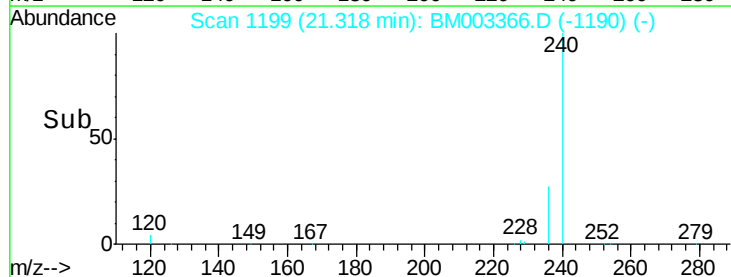
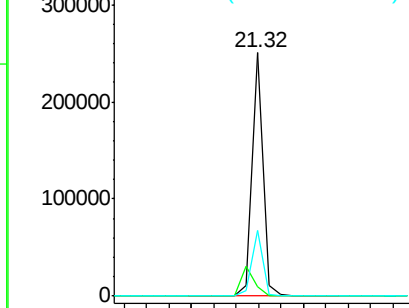
Ion	Ratio	Lower	Upper
240	100		
120	4.0	1.0	1.4#
236	27.0	17.9	26.9#

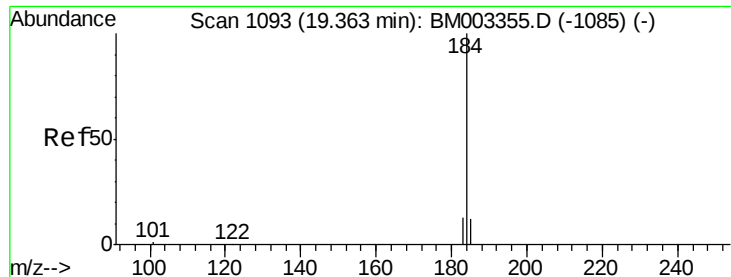


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.77 ng

RT: 19.37 min Scan# 1093

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

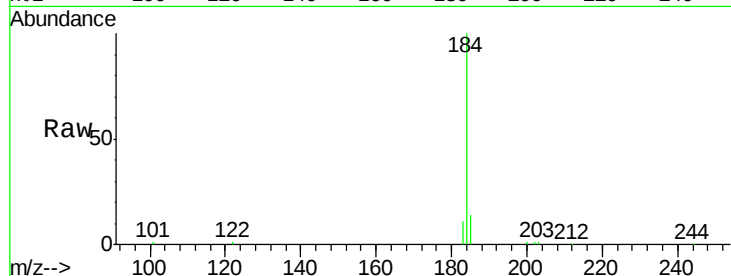
Tgt Ion:184 Resp: 17872

Ion Ratio Lower Upper

184 100

185 14.0 11.6 17.4

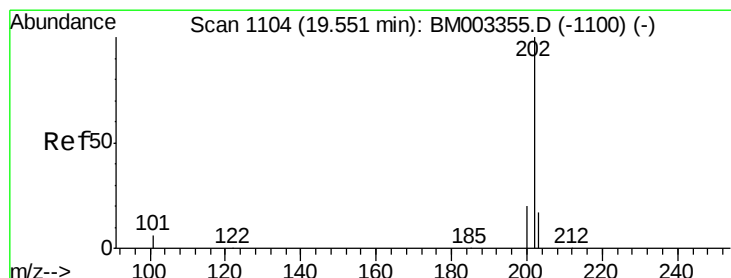
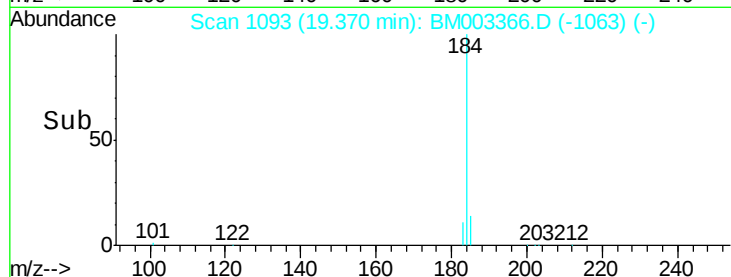
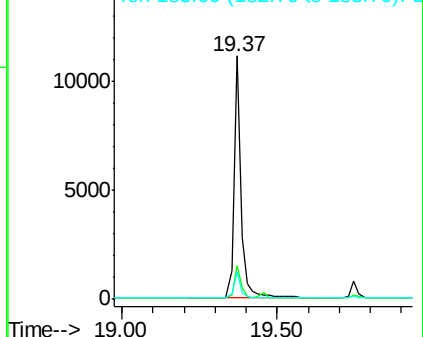
183 11.4 8.6 13.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.77 ng

RT: 19.56 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

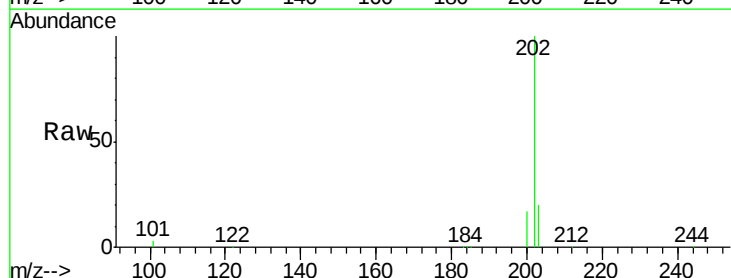
Tgt Ion:202 Resp: 94821

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

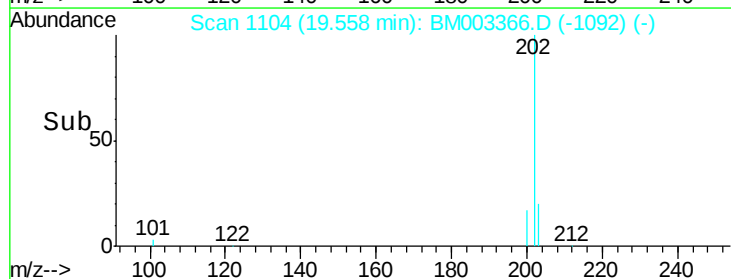
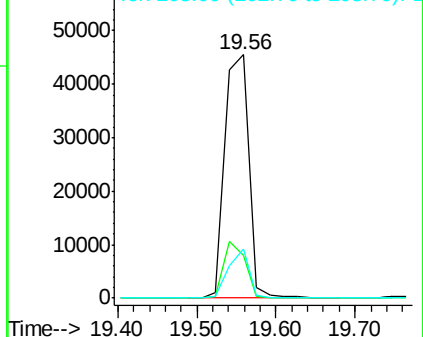
203 17.4 13.8 20.6

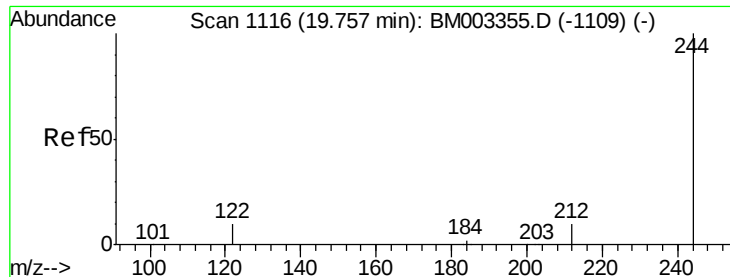


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.83 ng

RT: 19.76 min Scan# 1116

Delta R.T. 0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

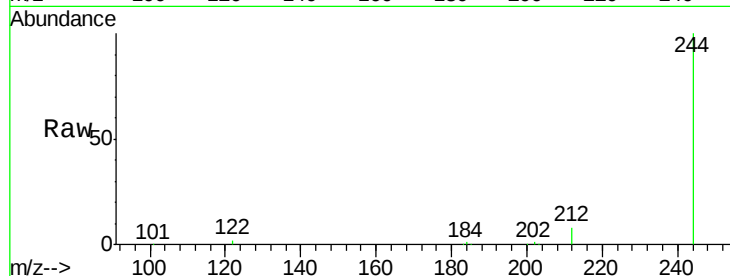
Tgt Ion:244 Resp: 45851

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

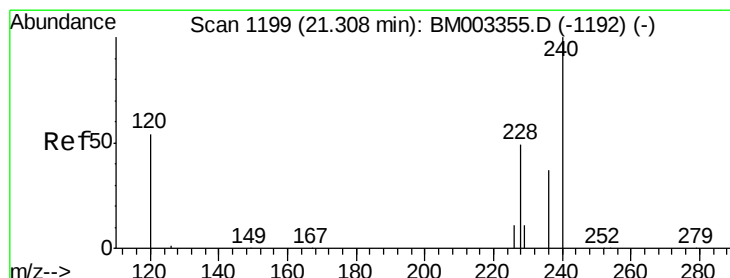
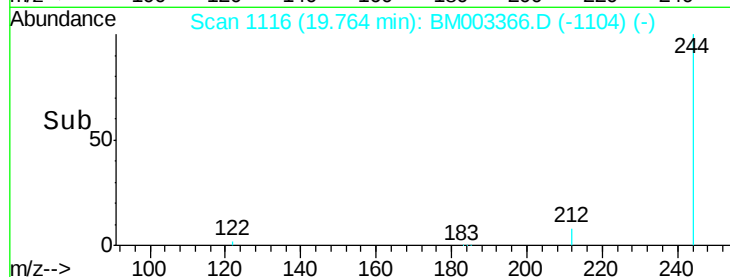
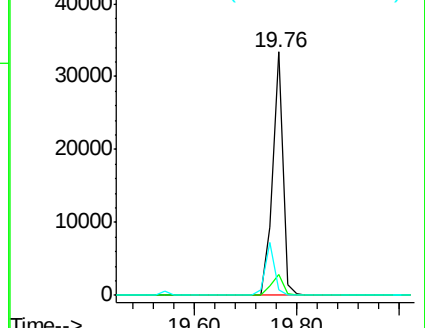
122 2.3 2.0 3.0



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



#30

Benzo(a)anthracene

Concen: 1.69 ng

RT: 21.30 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

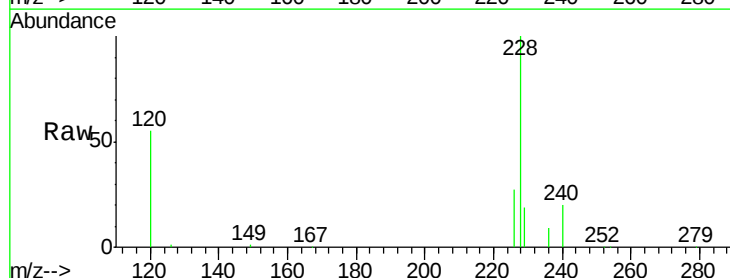
Tgt Ion:228 Resp: 154933

Ion Ratio Lower Upper

228 100

226 26.9 17.8 26.6#

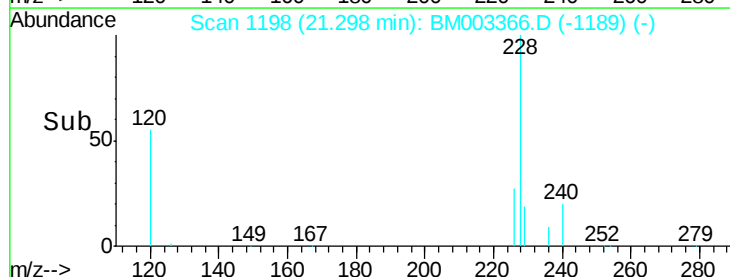
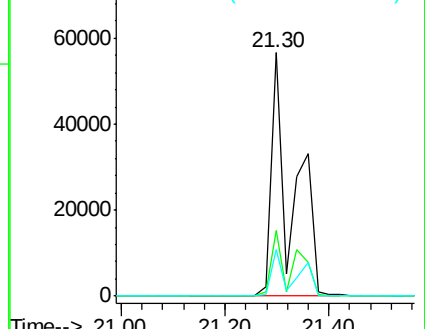
229 18.9 18.0 27.0

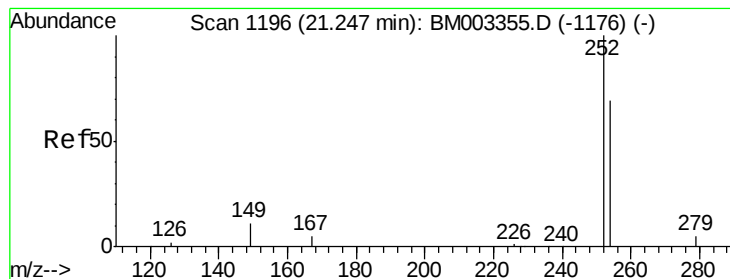


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.61 ng

RT: 21.24 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

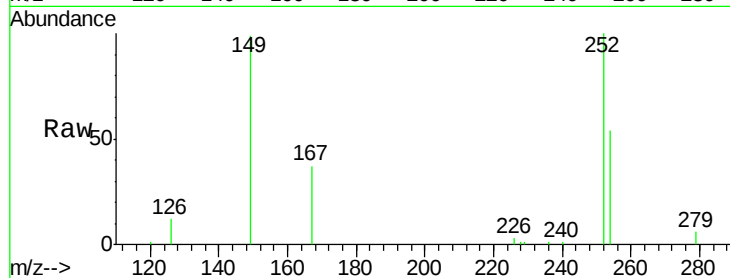
Tgt Ion:252 Resp: 14392

Ion Ratio Lower Upper

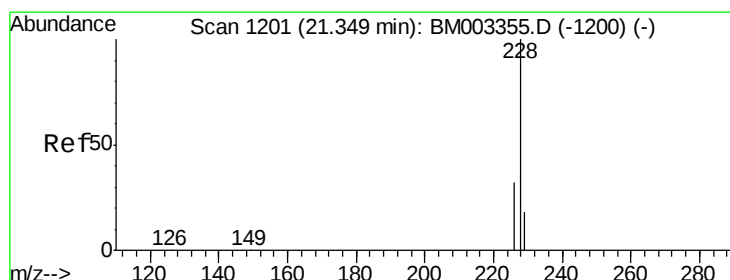
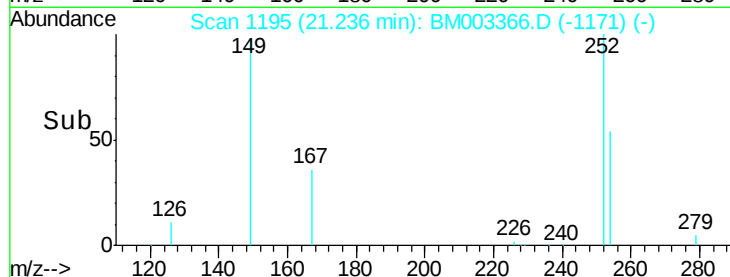
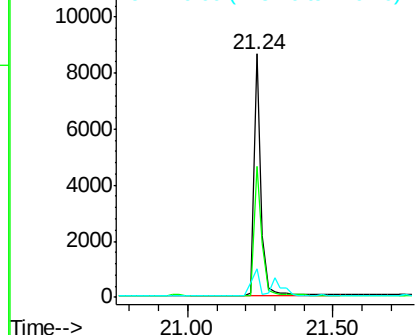
252 100

254 53.9 53.7 80.5

126 11.5 2.8 4.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E



#32

Chrysene

Concen: 1.46 ng

RT: 21.30 min Scan# 1198

Delta R.T. -0.05 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

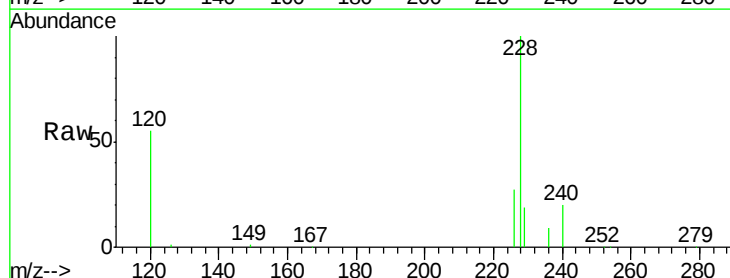
Tgt Ion:228 Resp: 155276

Ion Ratio Lower Upper

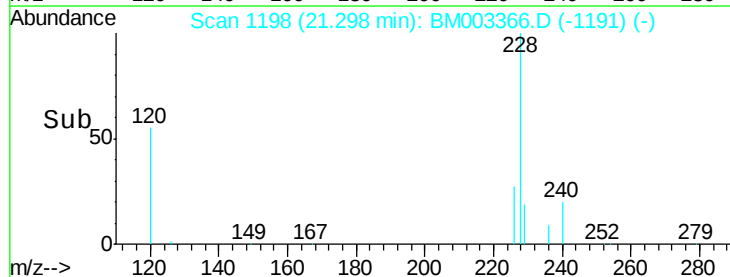
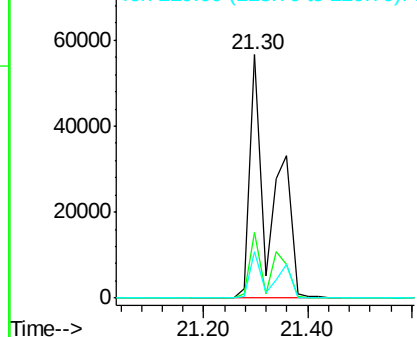
228 100

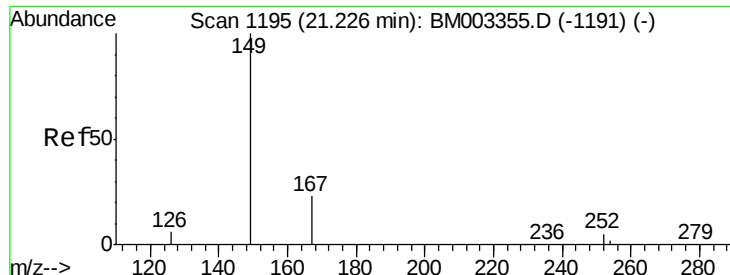
226 26.9 25.5 38.3

229 18.9 14.3 21.5



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





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.60 ng

RT: 21.22 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

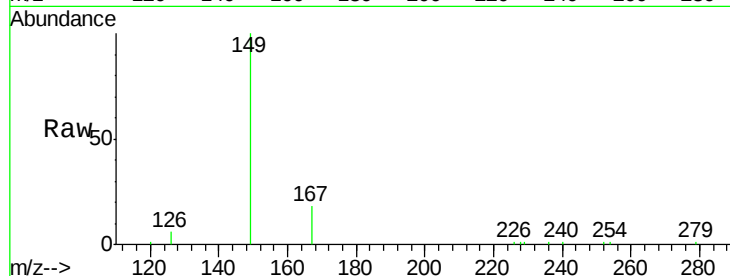
Tgt Ion:149 Resp: 22101

Ion Ratio Lower Upper

149 100

167 0.0 19.6 29.4#

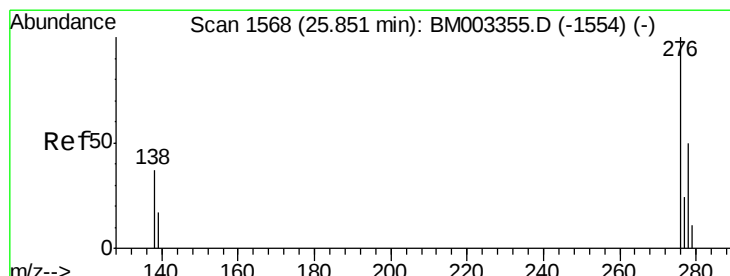
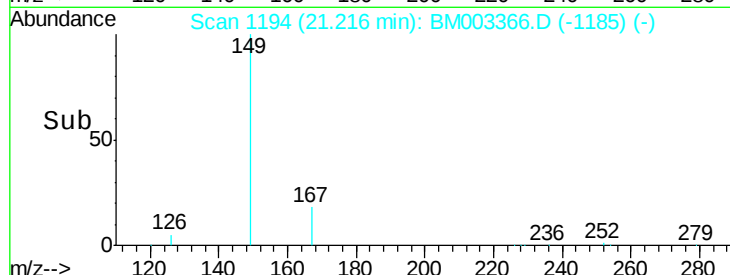
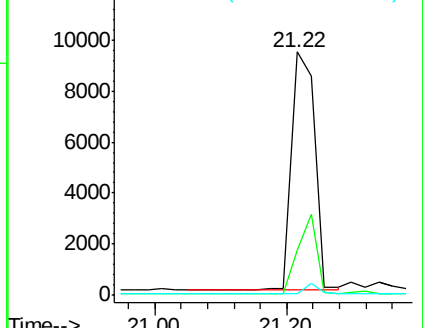
279 0.0 0.0 0.0



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



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.64 ng

RT: 25.85 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

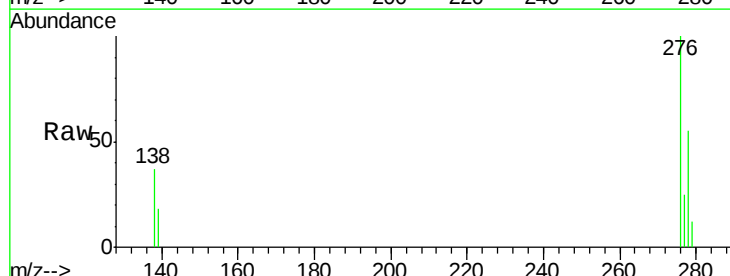
Tgt Ion:276 Resp: 50235

Ion Ratio Lower Upper

276 100

138 37.4 19.1 28.7#

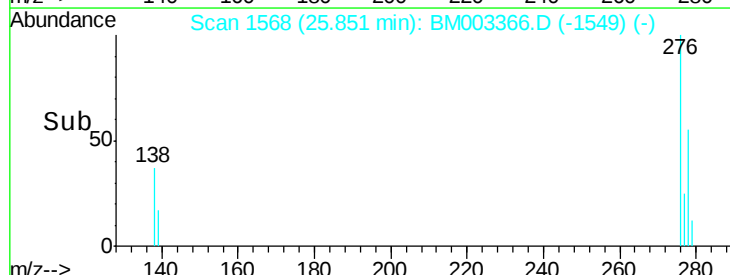
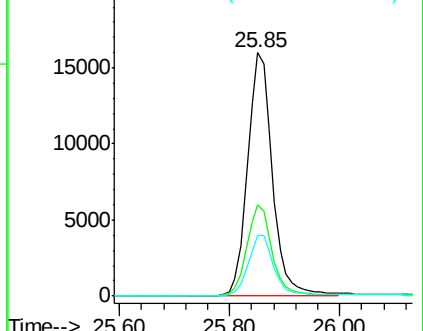
277 25.0 15.9 23.9#

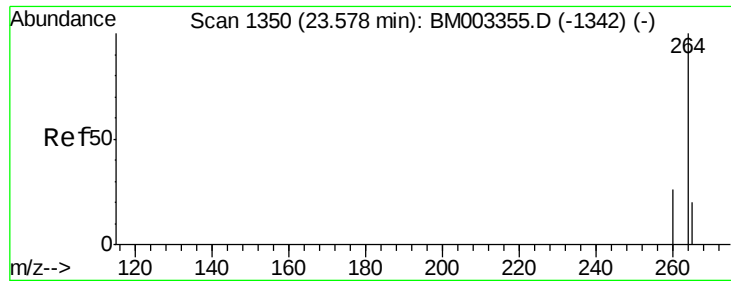


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

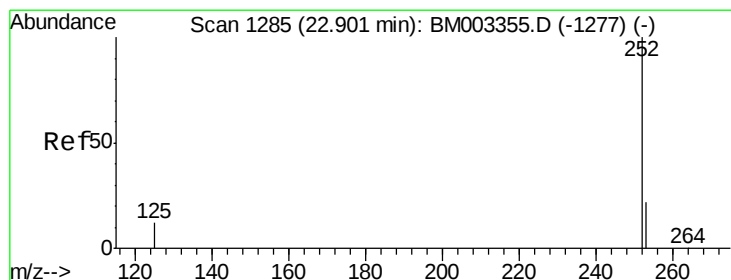
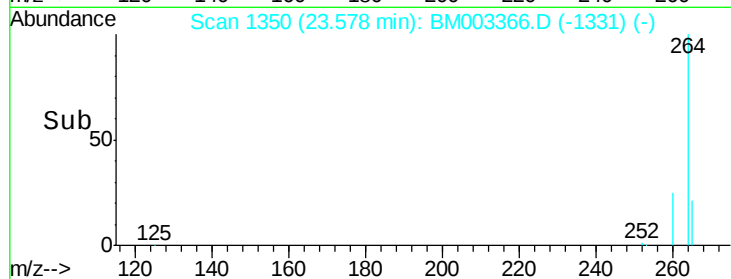
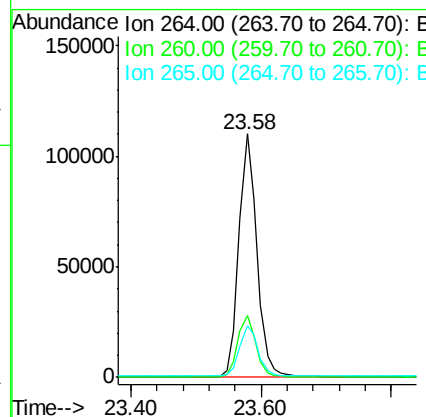
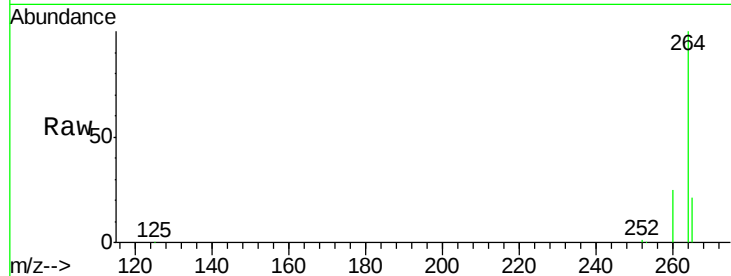




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.58 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BM003366.D
 Acq: 02 Dec 2015 21:11

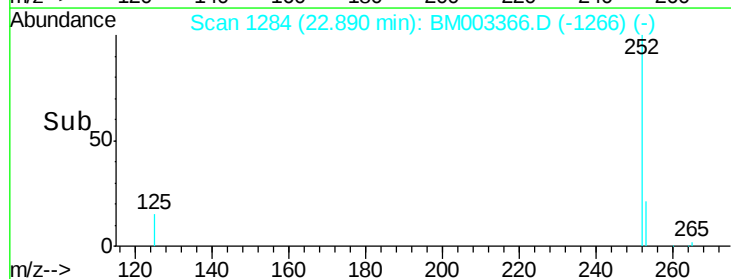
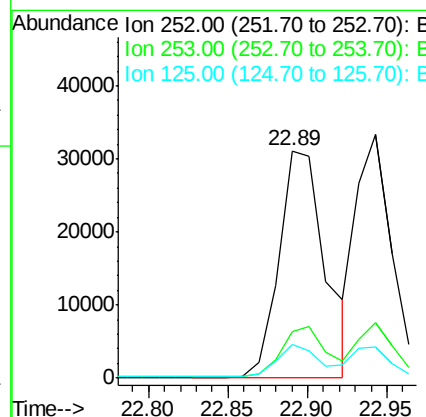
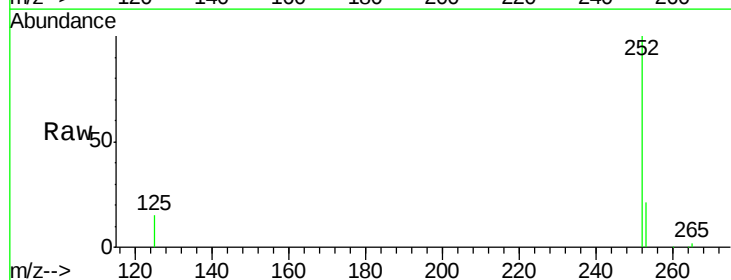
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

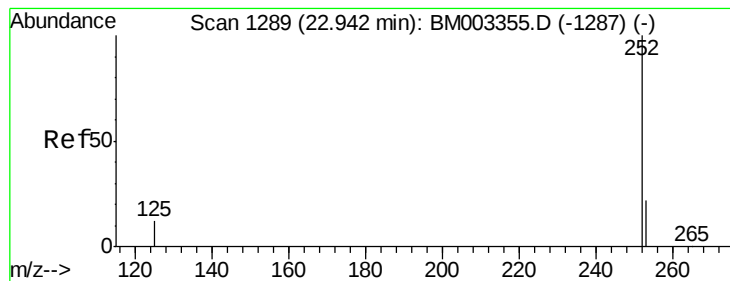
Tgt Ion: 264 Resp: 212229
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.6 29.4
 265 21.2 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 0.97 ng
 RT: 22.89 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: BM003366.D
 Acq: 02 Dec 2015 21:11

Tgt Ion: 252 Resp: 62374
 Ion Ratio Lower Upper
 252 100
 253 20.7 18.2 27.4
 125 14.6 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 0.91 ng

RT: 22.94 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

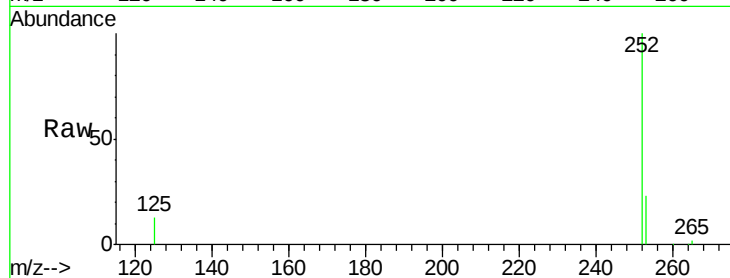
Tgt Ion:252 Resp: 52851

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

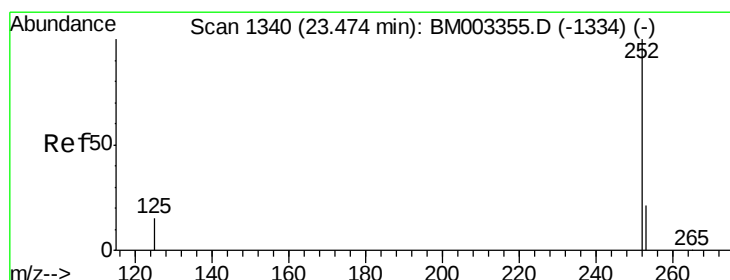
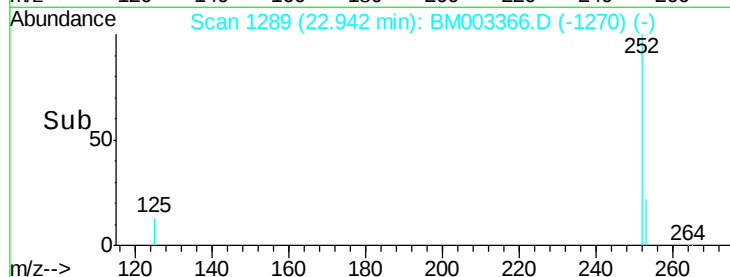
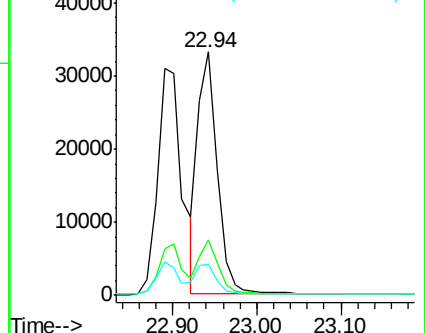
125 13.0 10.7 16.1



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



#38

Benzo(a)pyrene

Concen: 0.85 ng

RT: 23.47 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

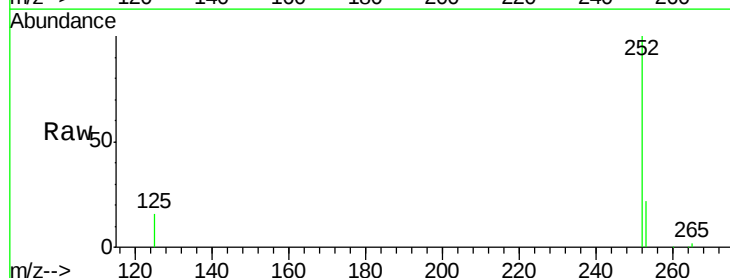
Tgt Ion:252 Resp: 44831

Ion Ratio Lower Upper

252 100

253 21.7 18.7 28.1

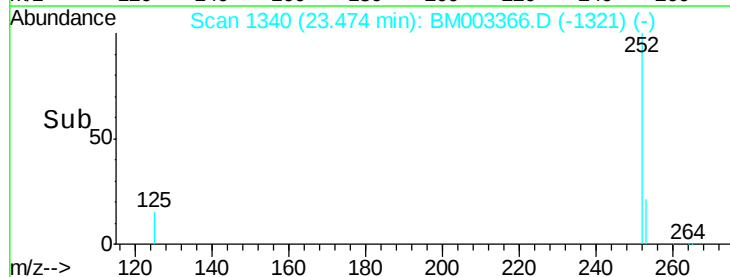
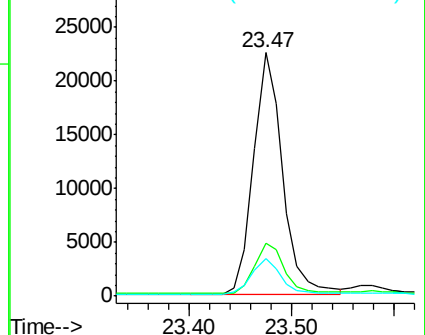
125 15.7 11.6 17.4

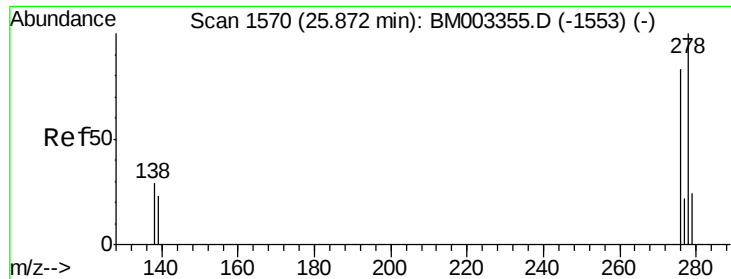


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.85 ng

RT: 25.87 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

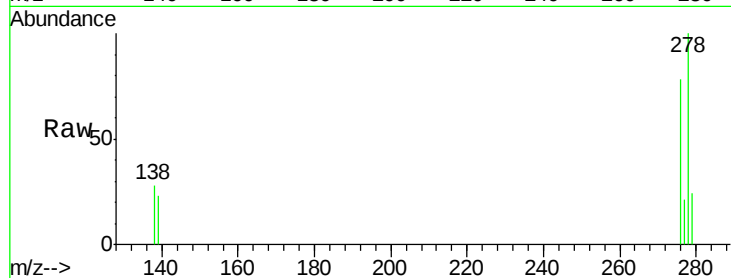
Tgt Ion: 278 Resp: 40848

Ion Ratio Lower Upper

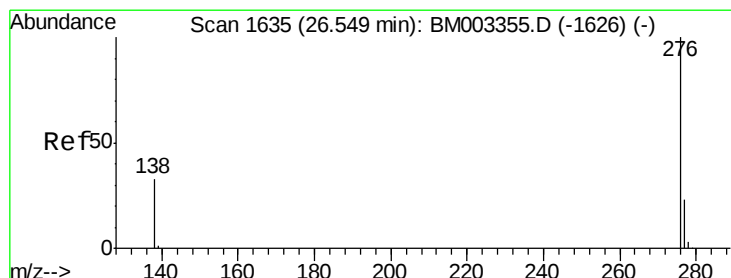
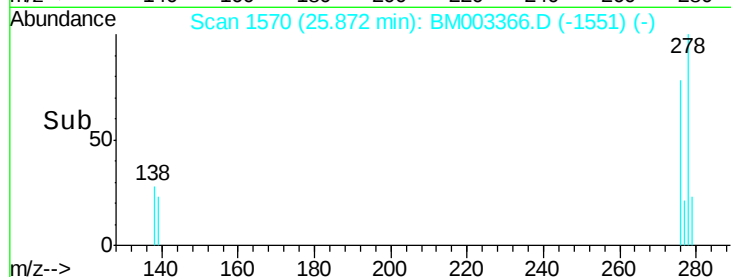
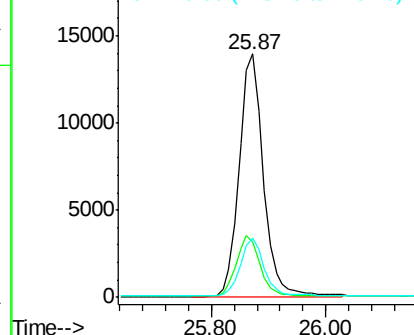
278 100

139 23.0 18.2 27.4

279 24.1 18.8 28.2



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



#40

Benzo(g,h,i)perylene

Concen: 0.84 ng

RT: 26.55 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BM003366.D

Acq: 02 Dec 2015 21:11

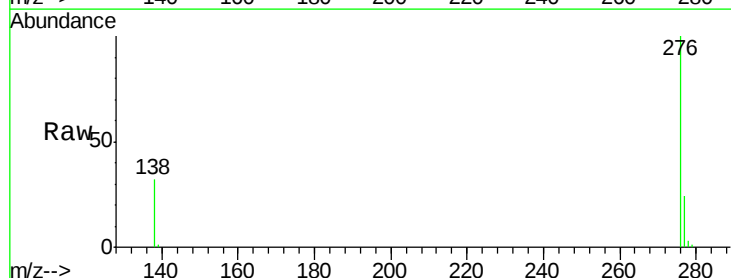
Tgt Ion: 276 Resp: 42932

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 32.3 22.3 33.5



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

