

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120415\
 Data File : BM003377.D
 Acq On : 03 Dec 2015 19:03
 Operator : UM/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Dec 04 00:19:33 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	70695	5.00	ng	0.00
7) Naphthalene-d8	10.51	136	310787	5.00	ng	0.00
13) Acenaphthene-d10	14.37	164	181381	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	456893	5.00	ng	0.00
26) Chrysene-d12	21.33	240	322856	5.00	ng	0.00
35) Perylene-d12	23.58	264	262684	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	13243	0.94	ng	0.00
5) Phenol-d6	6.88	99	16722	0.96	ng	0.00
8) Nitrobenzene-d5	8.88	82	14008	0.97	ng	0.00
14) 2,4,6-Tribromophenol	15.86	330	4142	1.07	ng	0.00
15) 2-Fluorobiphenyl	13.00	172	50709	0.93	ng	0.00
29) Terphenyl-d14	19.76	244	49681	0.95	ng	0.00

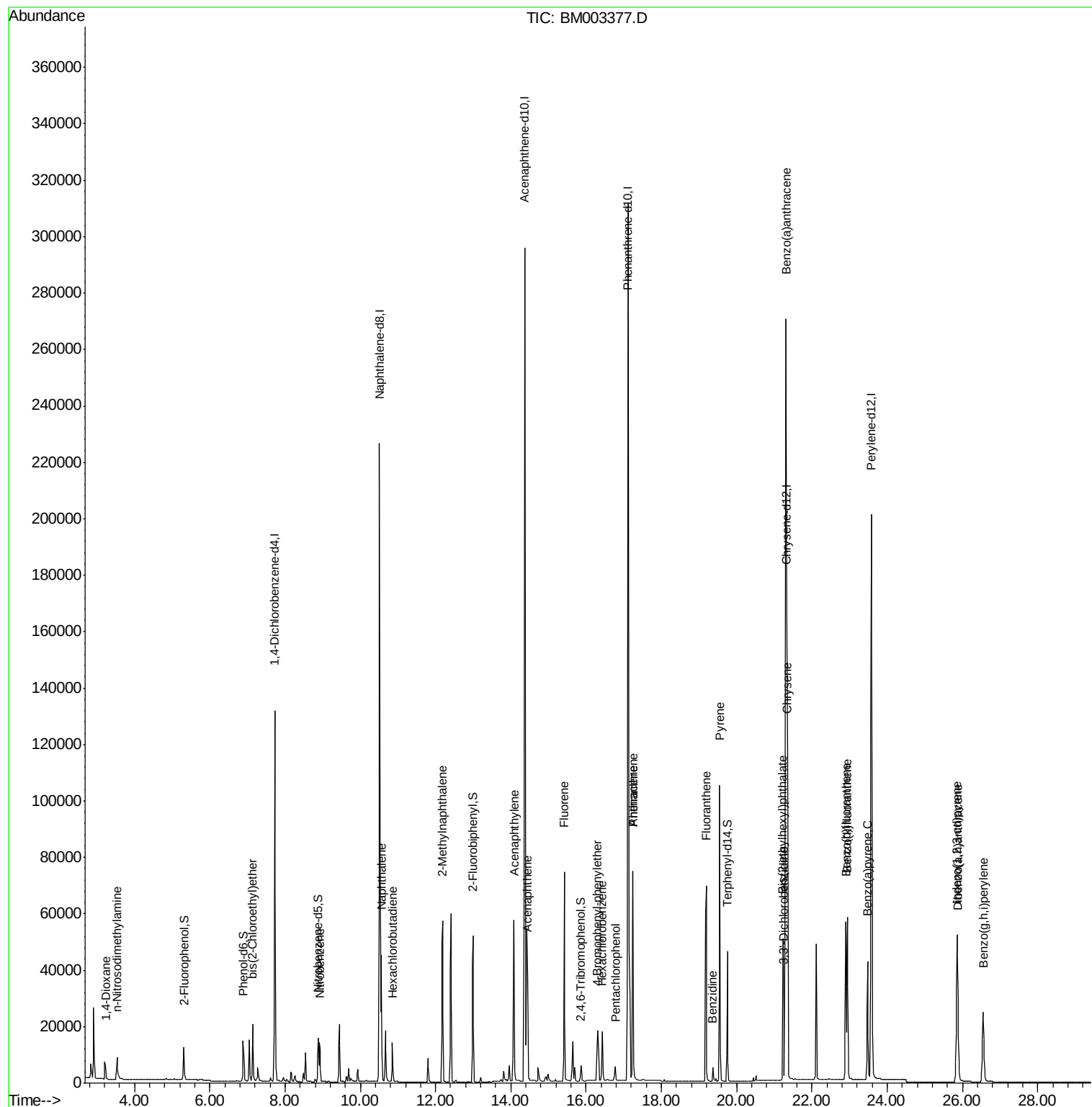
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.23	88	5788	0.91	ng	97
3) n-Nitrosodimethylamine	3.54	42	6405	0.98	ng	# 99
6) bis(2-Chloroethyl)ether	7.14	93	16191	0.96	ng	100
9) Nitrobenzene	8.92	77	15136	0.96	ng	98
10) Naphthalene	10.56	128	63668	0.95	ng	97
11) Hexachlorobutadiene	10.85	225	10104	0.99	ng	99
12) 2-Methylnaphthalene	12.18	142	44046	0.96	ng	92
16) Acenaphthylene	14.08	152	69742	0.97	ng	100
17) Acenaphthene	14.44	154	43533	0.91	ng	# 100
18) Fluorene	15.42	166	53061	0.98	ng	100
20) 4-Bromophenyl-phenylether	16.30	248	11845	0.90	ng	# 37
21) Hexachlorobenzene	16.42	284	14667	0.98	ng	# 64
22) Pentachlorophenol	16.78	266	4808	0.99	ng	# 78
23) Phenanthrene	17.24	178	90787	1.03	ng	98
24) Anthracene	17.24	178	92826	1.00	ng	98
25) Fluoranthene	19.19	202	93764	1.03	ng	100
27) Benzidine	19.36	184	9487	0.59	ng	# 96
28) Pyrene	19.55	202	103372	0.88	ng	100
30) Benzo(a)anthracene	21.31	228	83123	0.95	ng	97
31) 3,3'-Dichlorobenzidine	21.25	252	21104	0.89	ng	# 94
32) Chrysene	21.35	228	99706	0.99	ng	98
33) Bis(2-ethylhexyl)phthalate	21.23	149	46712	1.04	ng	# 99
34) Indeno(1,2,3-cd)pyrene	25.85	276	59880	0.80	ng	# 80
36) Benzo(b)fluoranthene	22.90	252	78689	0.98	ng	99
37) Benzo(k)fluoranthene	22.94	252	68046	0.95	ng	99
38) Benzo(a)pyrene	23.47	252	60409	0.92	ng	97
39) Dibenzo(a,h)anthracene	25.87	278	47660	0.80	ng	99
40) Benzo(g,h,i)perylene	26.55	276	50114	0.80	ng	95

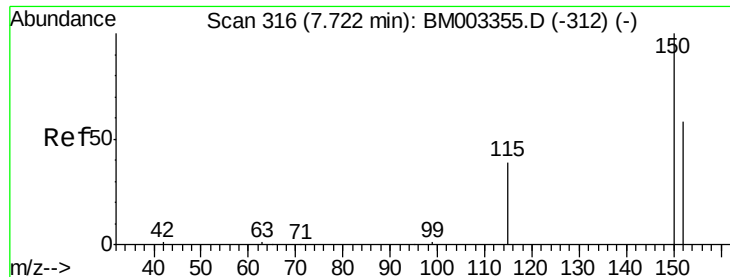
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120415\
Data File : BM003377.D
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Quant Time: Dec 04 00:19:33 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.72 min Scan# 316

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

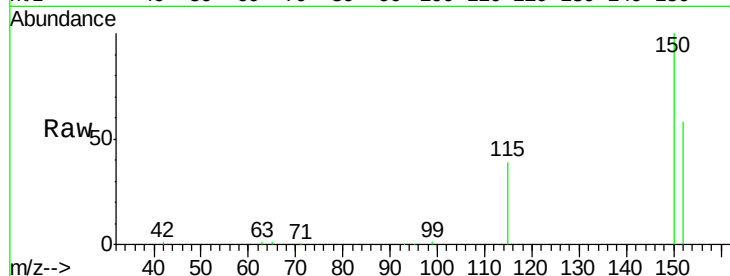
Tot Ion:152 Resp: 70695

Ion Ratio Lower Upper

152 100

150 171.4 143.6 215.4

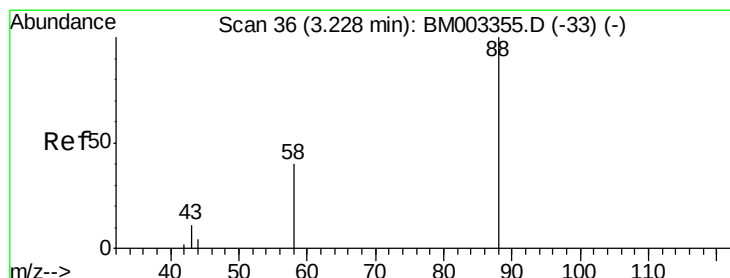
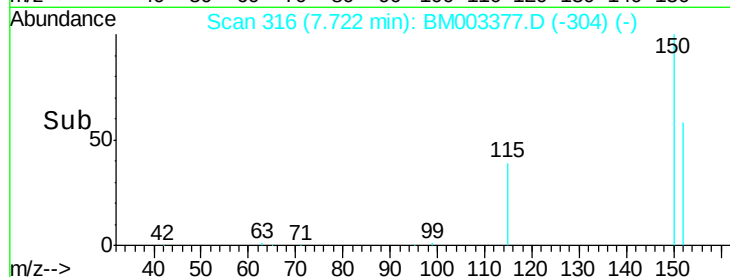
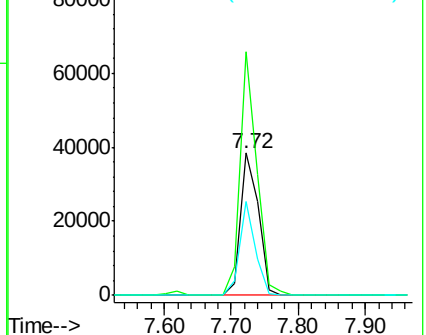
115 66.3 58.5 87.7



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: 0.91 ng

RT: 3.23 min Scan# 36

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

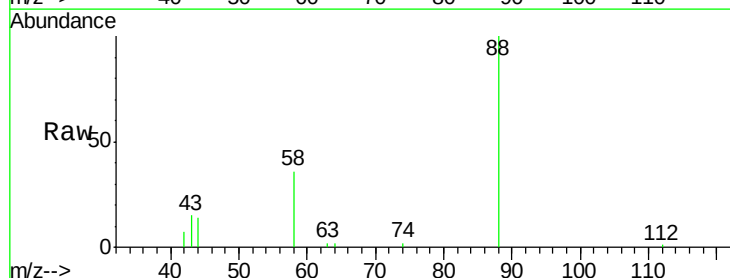
Tgt Ion: 88 Resp: 5788

Ion Ratio Lower Upper

88 100

58 70.8 55.2 82.8

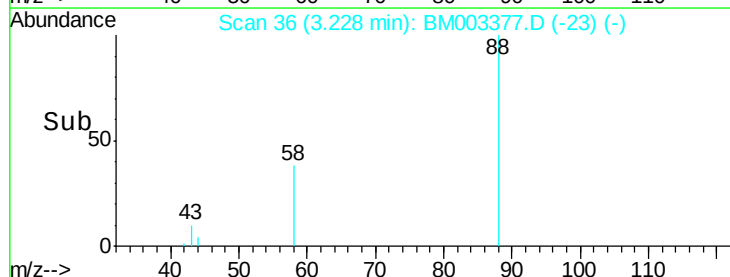
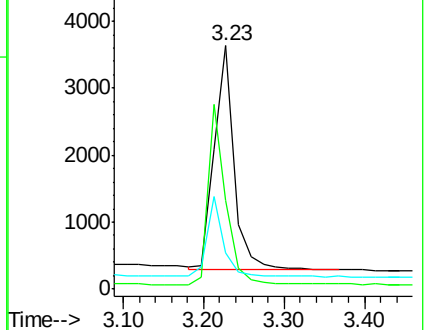
43 29.3 21.8 32.6

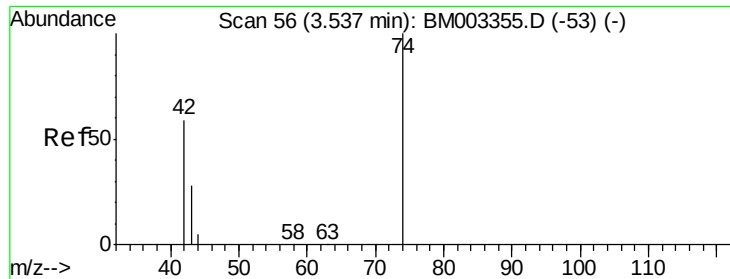


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.98 ng

RT: 3.54 min Scan# 56

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

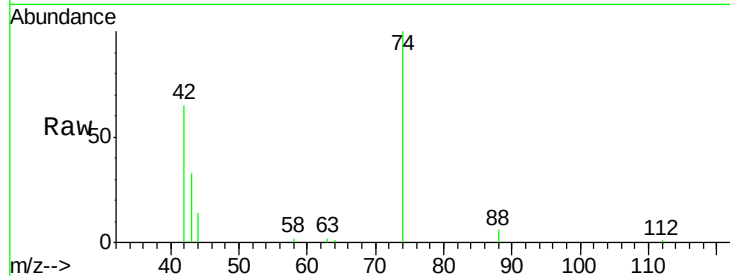
Tot Ion: 42 Resp: 6405

Ion Ratio Lower Upper

42 100

74 125.9 101.0 151.4

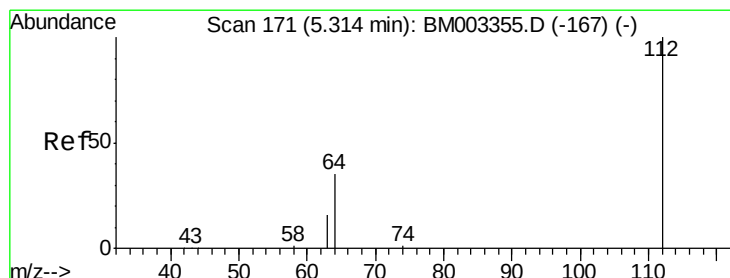
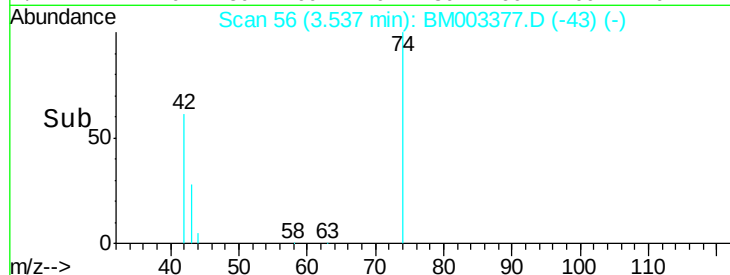
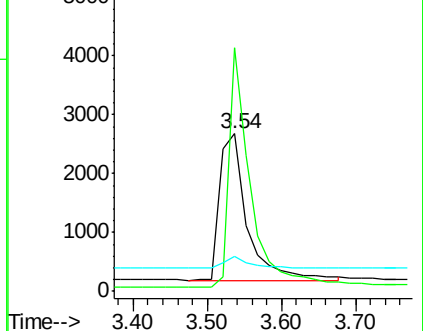
44 6.3 6.3 9.5#



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: 0.94 ng

RT: 5.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

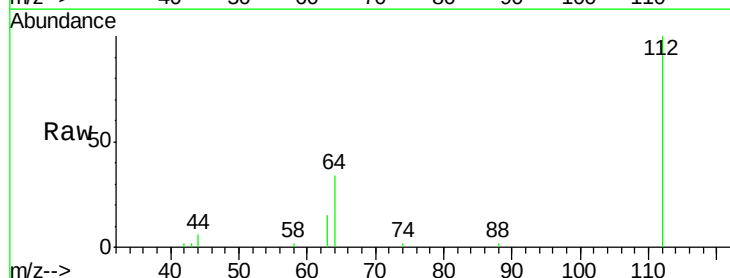
Tgt Ion: 112 Resp: 13243

Ion Ratio Lower Upper

112 100

64 51.5 41.2 61.8

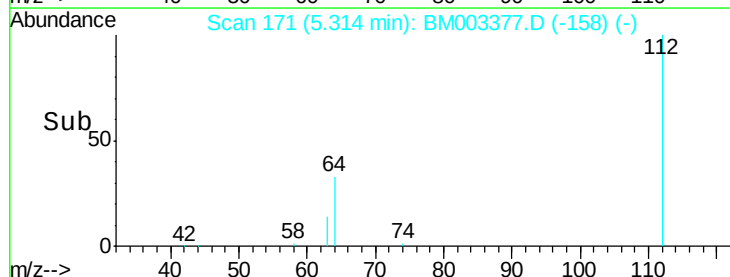
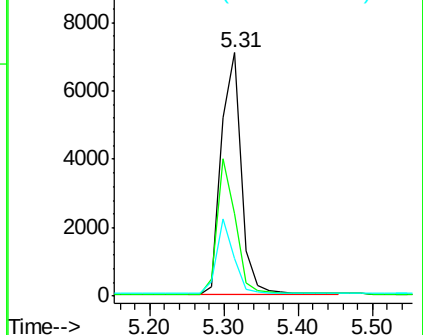
63 26.9 21.2 31.8

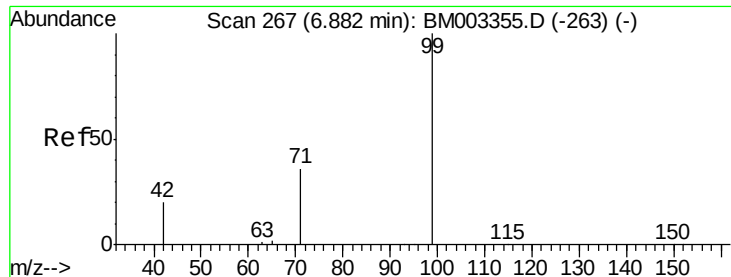


Abundance Ion 112.00 (111.70 to 112.70): BM003355.D (-167) (-)

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: 0.96 ng

RT: 6.88 min Scan# 267

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

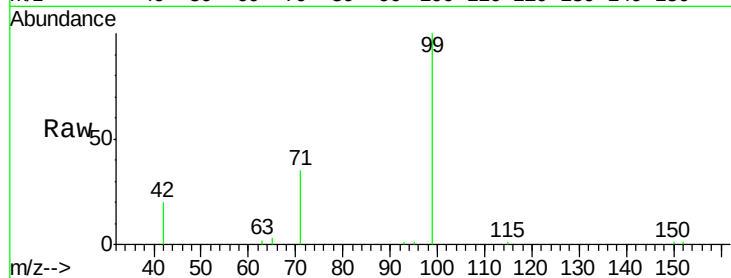
Tot Ion: 99 Resp: 16722

Ion Ratio Lower Upper

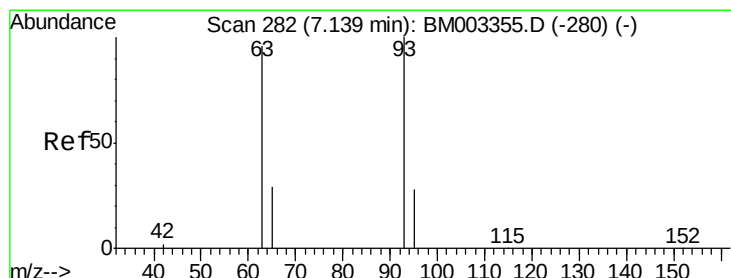
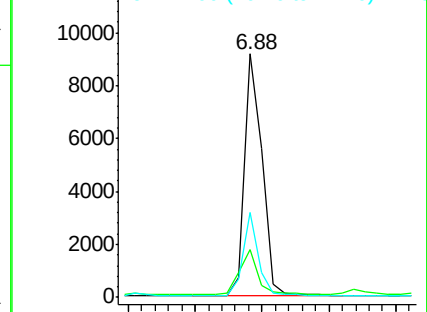
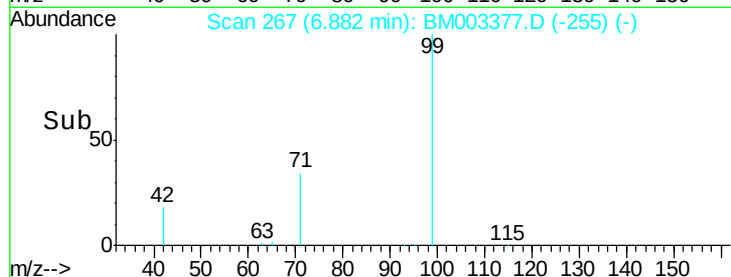
99 100

42 18.5 14.6 22.0

71 29.7 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003377.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: BM003377.D

Acq: 03 Dec 2015 19:03

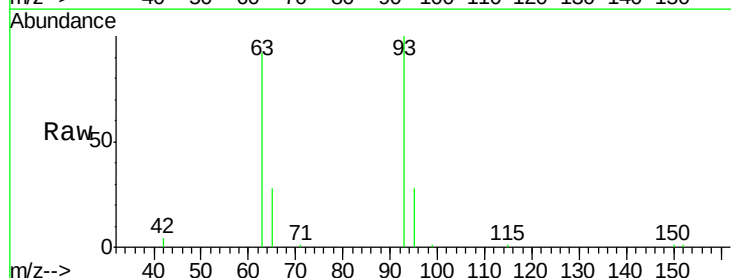
Tgt Ion: 93 Resp: 16191

Ion Ratio Lower Upper

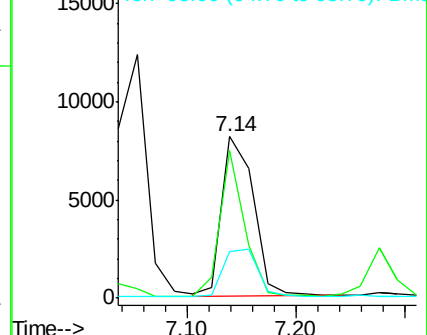
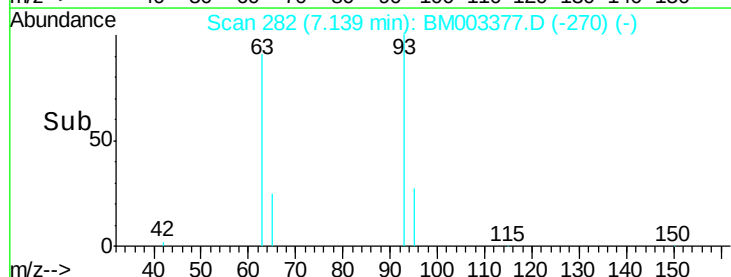
93 100

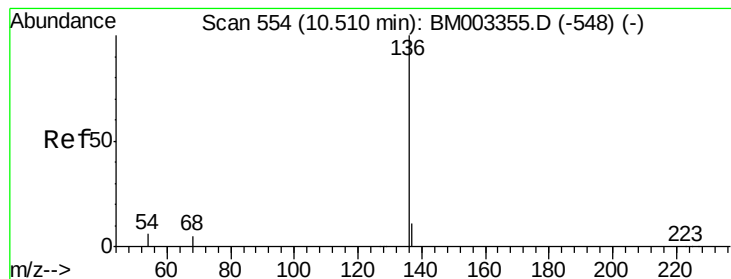
63 72.6 58.2 87.4

95 32.5 26.2 39.4



Abundance Ion 93.00 (92.70 to 93.70): BM003377.D (-270) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.51 min Scan# 554

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tot Ion:136 Resp: 310787

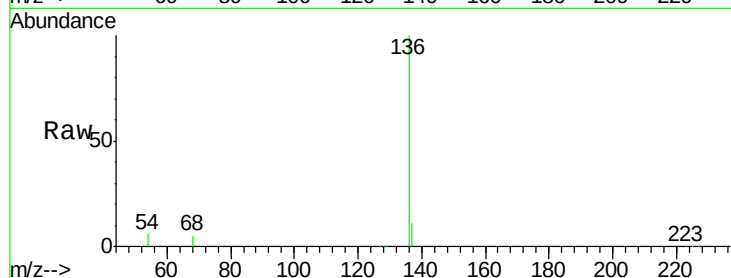
Ion Ratio Lower Upper

136 100

137 10.5 8.0 12.0

54 6.2 7.4 11.0#

68 5.1 5.8 8.6#

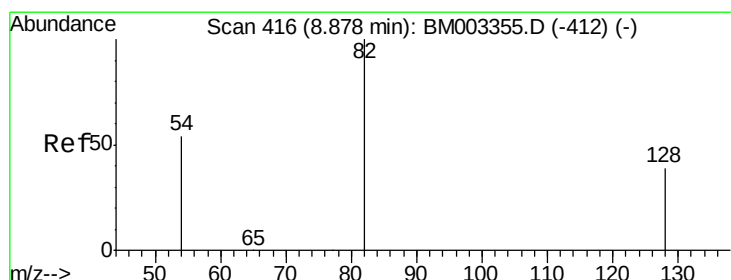
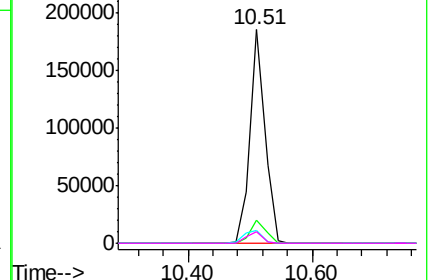
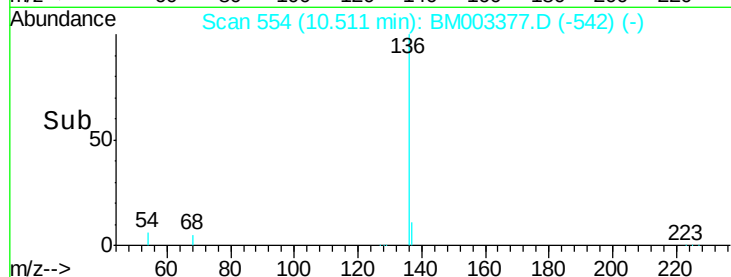


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.97 ng

RT: 8.88 min Scan# 416

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

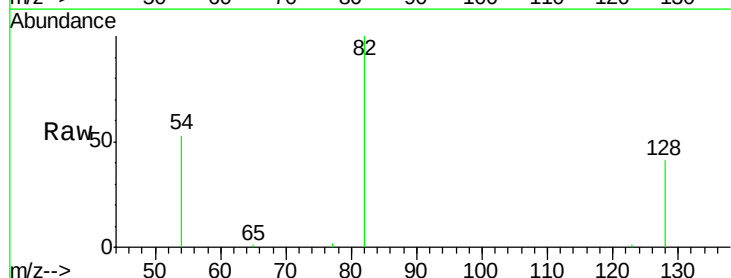
Tgt Ion: 82 Resp: 14008

Ion Ratio Lower Upper

82 100

128 41.2 35.2 52.8

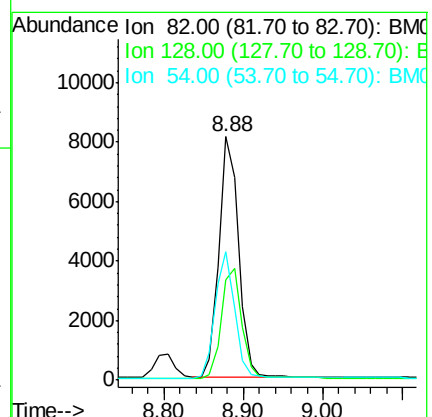
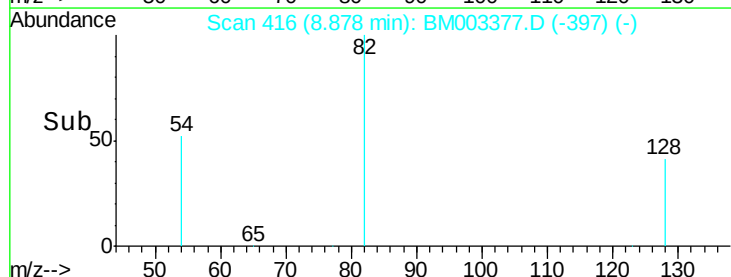
54 52.5 36.4 54.6

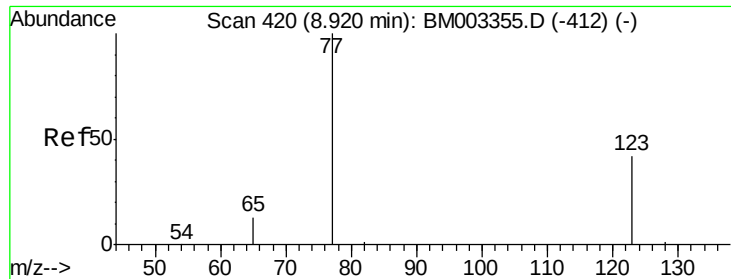


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.96 ng

RT: 8.92 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

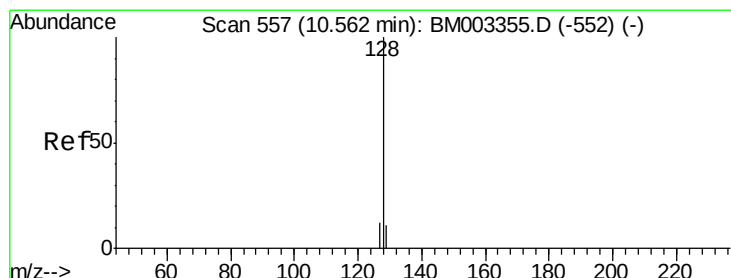
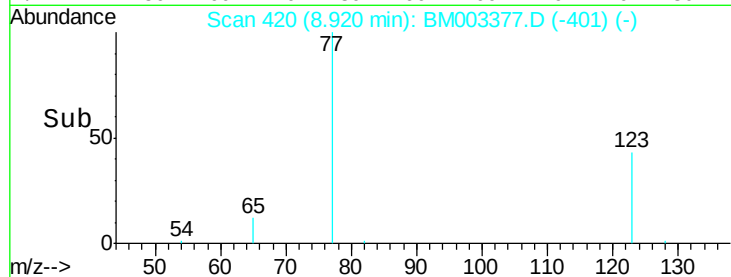
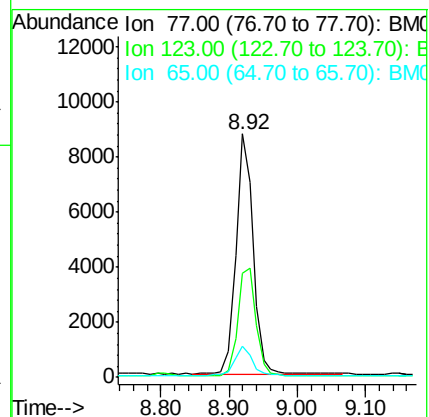
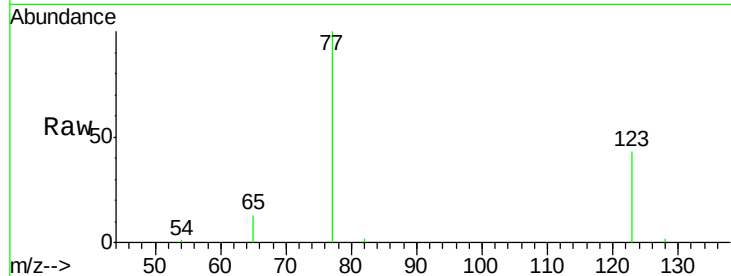
Tot Ion: 77 Resp: 15136

Ion Ratio Lower Upper

77 100

123 48.4 37.7 56.5

65 12.2 9.8 14.6



#10

Naphthalene

Concen: 0.95 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

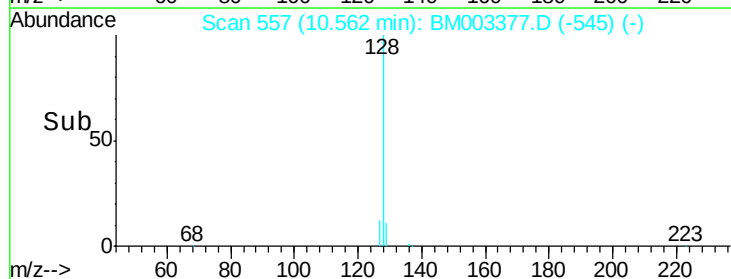
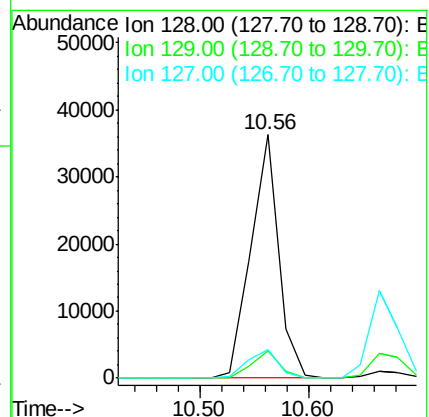
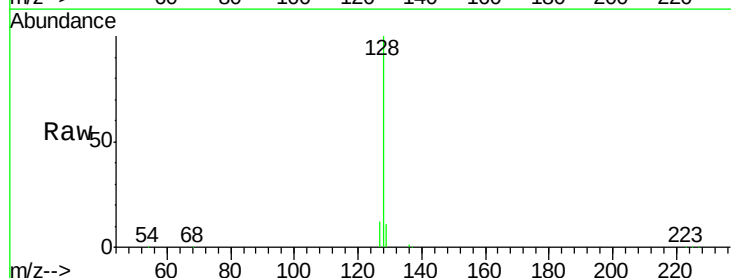
Tgt Ion: 128 Resp: 63668

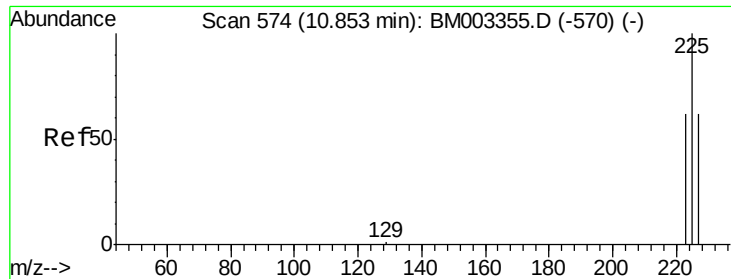
Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

127 12.0 10.6 16.0

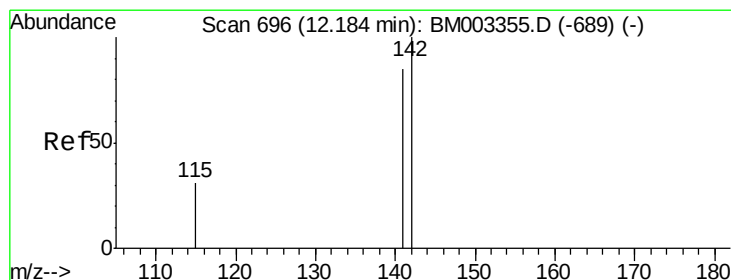
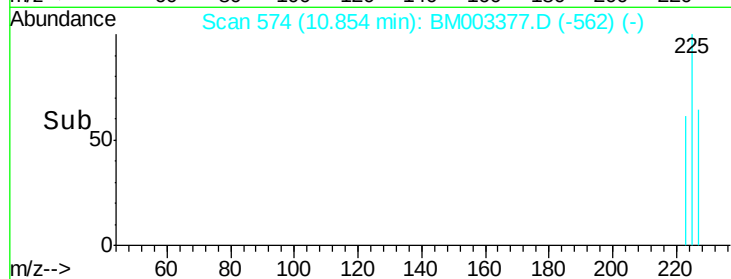
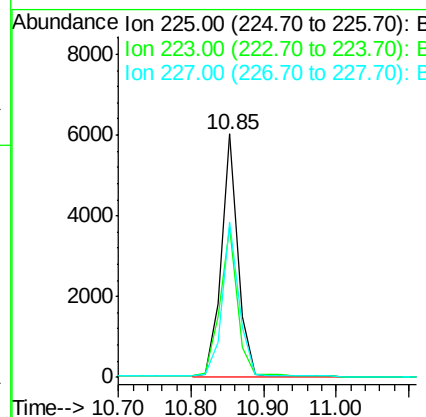
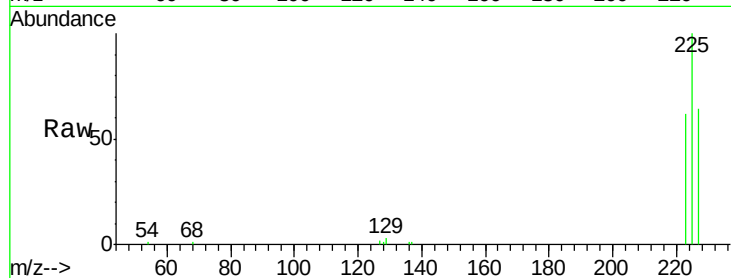




#11
Hexachlorobutadiene
Concen: 0.99 ng
RT: 10.85 min Scan# 574
Delta R.T. 0.00 min
Lab File: BM003377.D
Acq: 03 Dec 2015 19:03

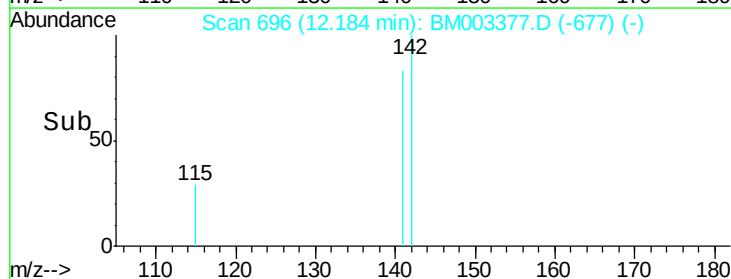
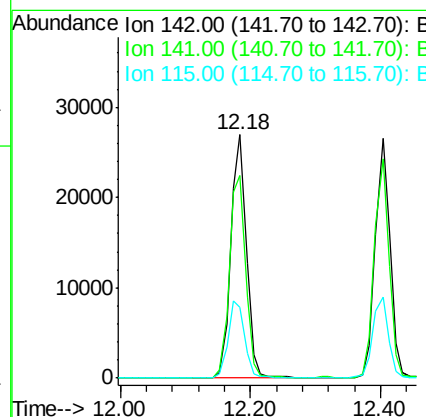
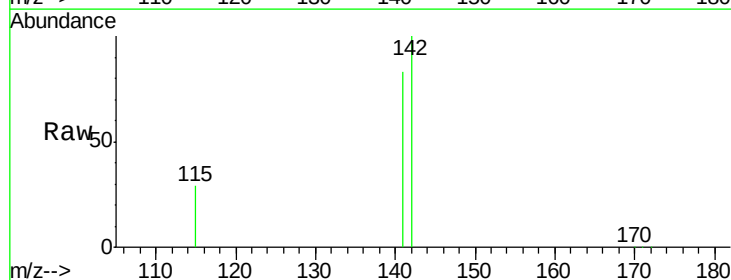
Instrument :
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SSTDCCC001EC

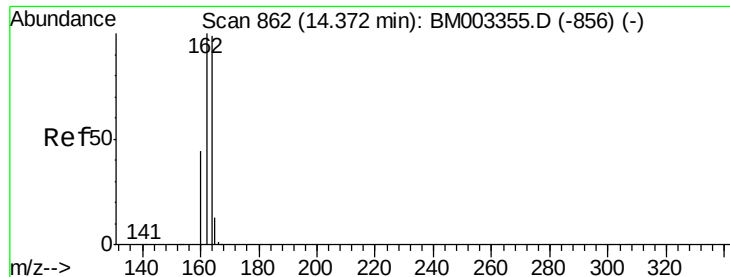
Tot Ion:225 Resp: 10104
Ion Ratio Lower Upper
225 100
223 67.2 53.0 79.4
227 65.5 52.2 78.4



#12
2-Methylnaphthalene
Concen: 0.96 ng
RT: 12.18 min Scan# 696
Delta R.T. 0.00 min
Lab File: BM003377.D
Acq: 03 Dec 2015 19:03

Tgt Ion:142 Resp: 44046
Ion Ratio Lower Upper
142 100
141 83.2 72.2 108.2
115 29.1 28.0 42.0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

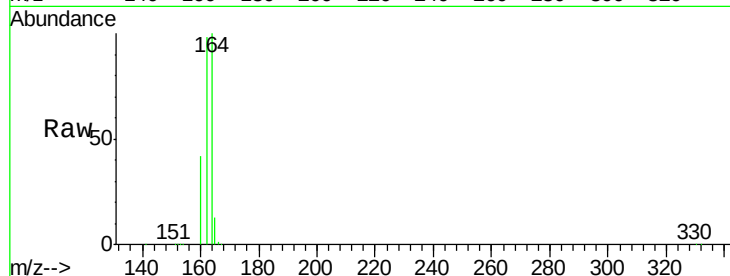
Tot Ion:164 Resp: 181381

Ion Ratio Lower Upper

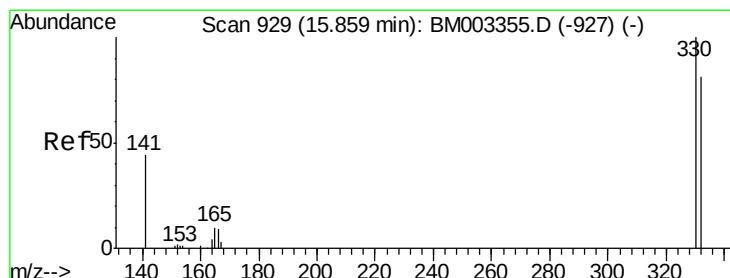
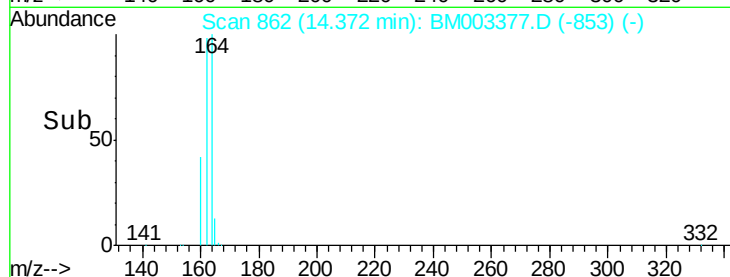
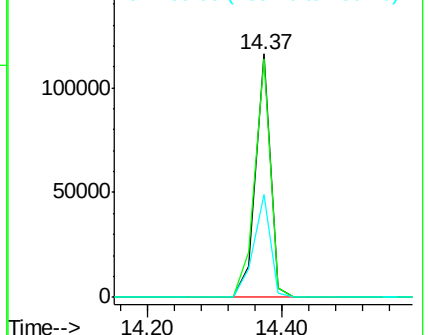
164 100

162 97.7 78.3 117.5

160 42.3 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



#14

2,4,6-Tribromophenol

Concen: 1.07 ng

RT: 15.86 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

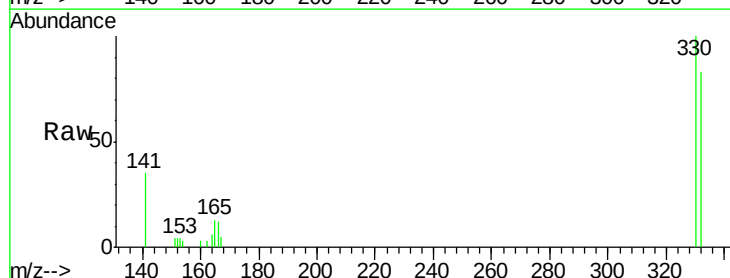
Tgt Ion:330 Resp: 4142

Ion Ratio Lower Upper

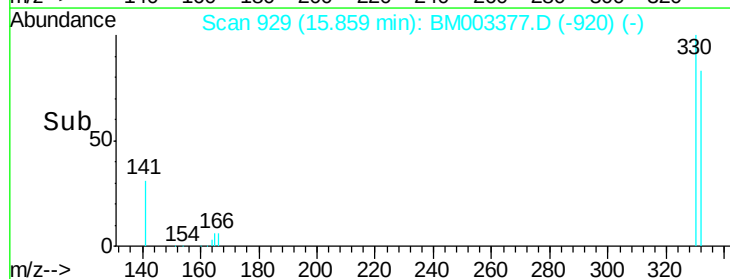
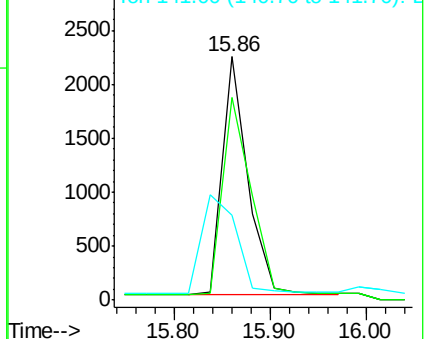
330 100

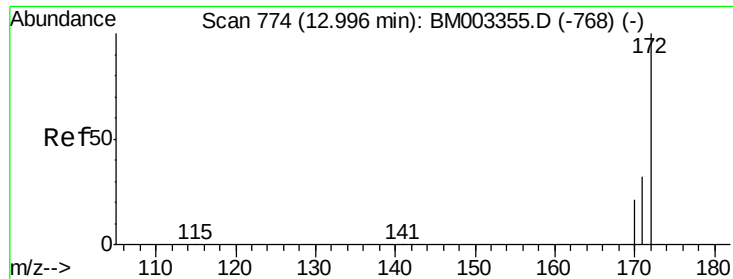
332 93.0 76.0 114.0

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

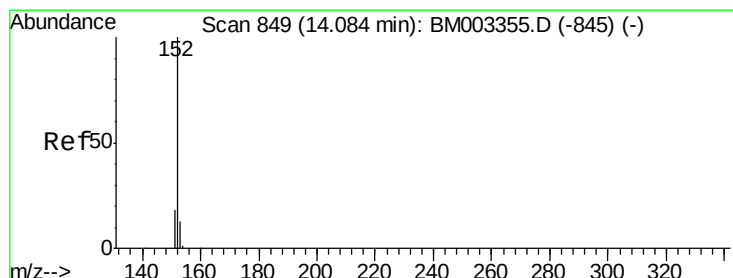
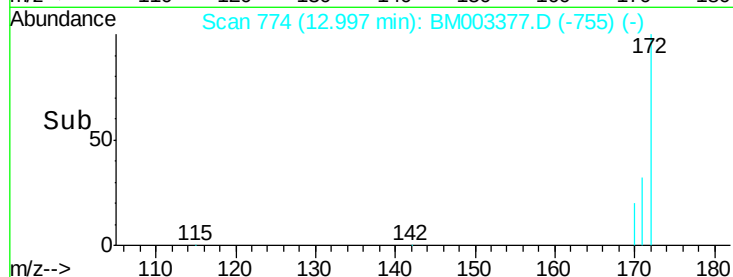
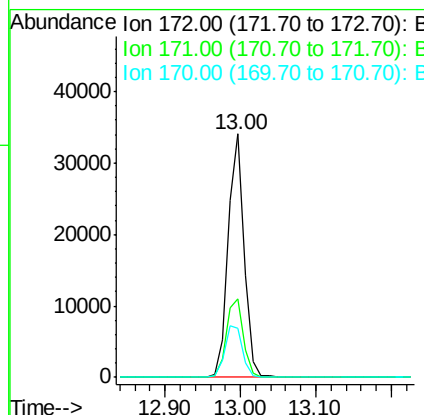
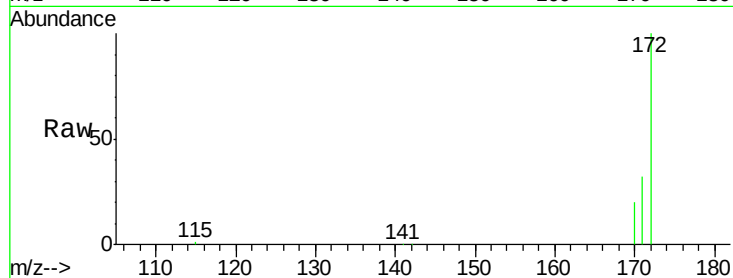




#15
2-Fluorobiphenyl
Concen: 0.93 ng
RT: 13.00 min Scan# 774
Delta R.T. 0.00 min
Lab File: BM003377.D
Acq: 03 Dec 2015 19:03

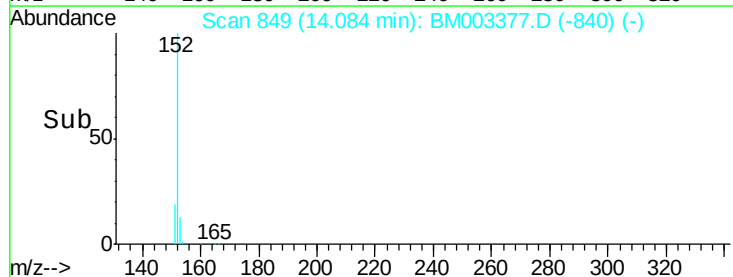
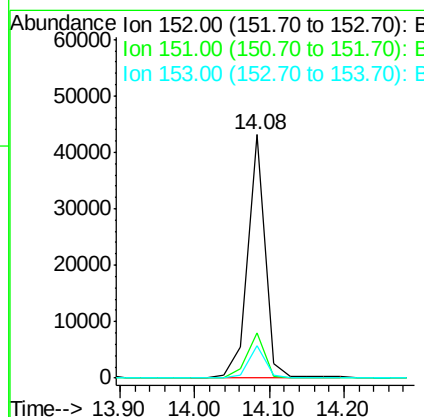
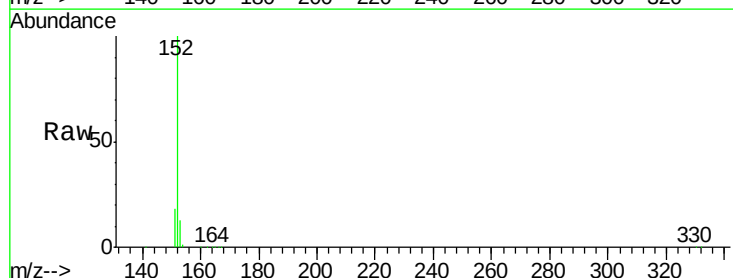
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

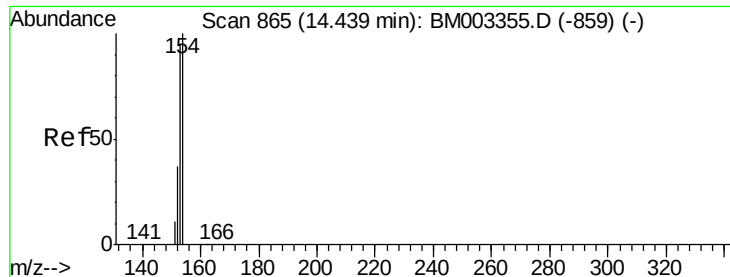
Tot Ion:172 Resp: 50709
Ion Ratio Lower Upper
172 100
171 32.2 28.0 42.0
170 20.1 18.9 28.3



#16
Acenaphthylene
Concen: 0.97 ng
RT: 14.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BM003377.D
Acq: 03 Dec 2015 19:03

Tgt Ion:152 Resp: 69742
Ion Ratio Lower Upper
152 100
151 18.9 15.2 22.8
153 13.0 10.4 15.6

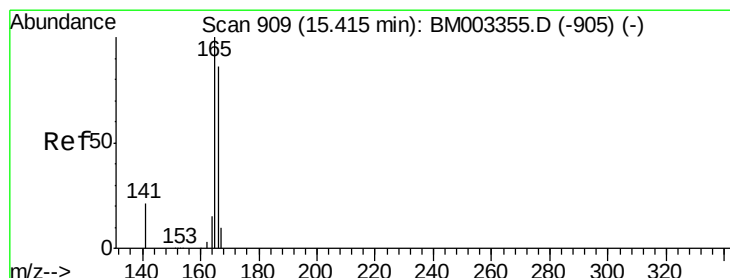
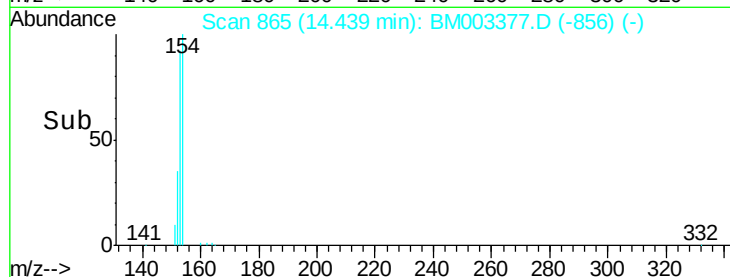
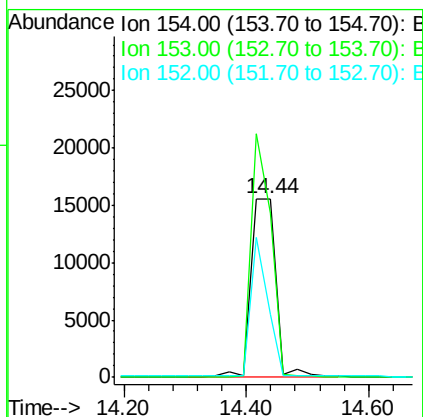
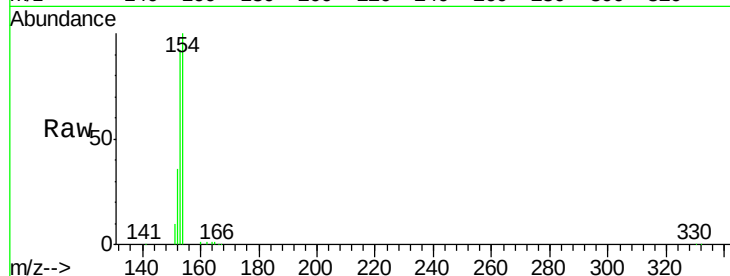




#17
Acenaphthene
Concen: 0.91 ng
RT: 14.44 min Scan# 865
Delta R.T. 0.00 min
Lab File: BM003377.D
Acq: 03 Dec 2015 19:03

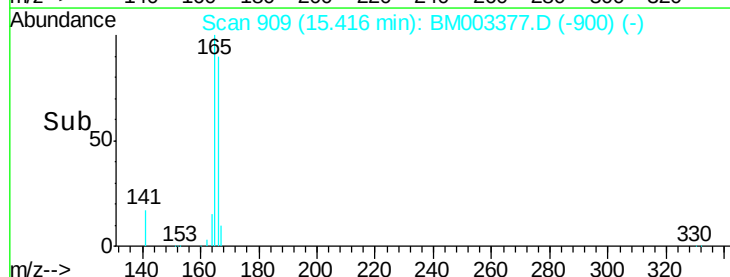
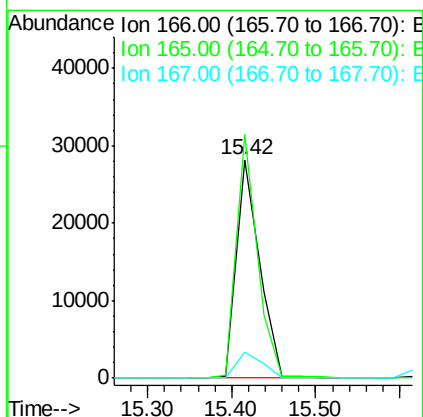
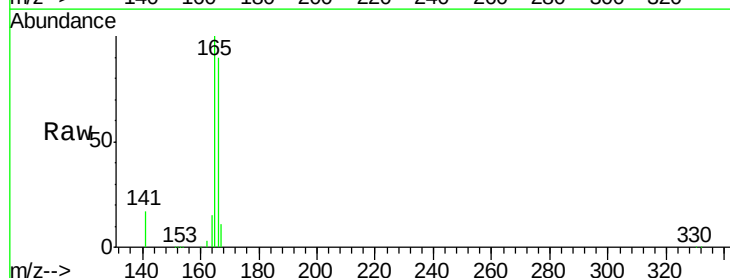
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

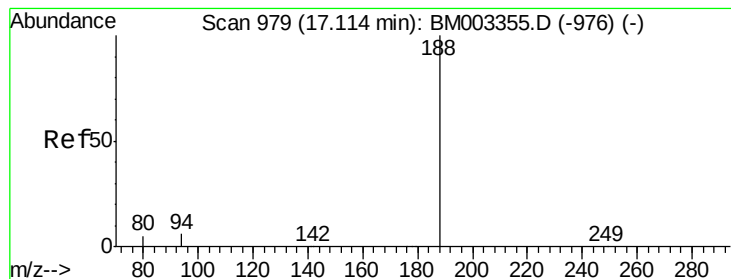
Tot Ion:154 Resp: 43533
Ion Ratio Lower Upper
154 100
153 0.0 0.0 0.0
152 0.0 0.0 0.0



#18
Fluorene
Concen: 0.98 ng
RT: 15.42 min Scan# 909
Delta R.T. 0.00 min
Lab File: BM003377.D
Acq: 03 Dec 2015 19:03

Tgt Ion:166 Resp: 53061
Ion Ratio Lower Upper
166 100
165 101.3 80.8 121.2
167 13.1 10.5 15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

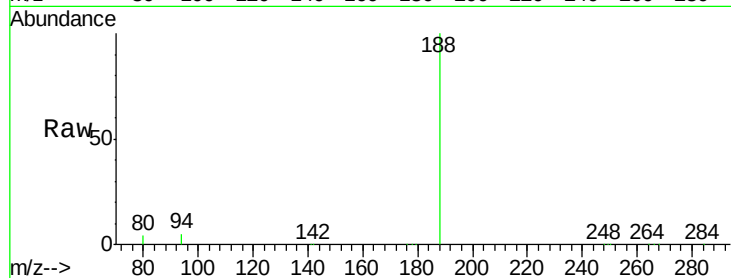
Tot Ion:188 Resp: 456893

Ion Ratio Lower Upper

188 100

94 5.3 1.8 2.6#

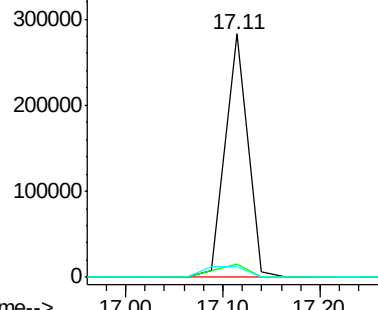
80 4.5 1.4 2.0#



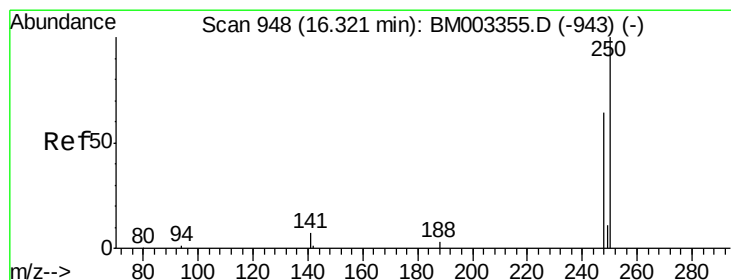
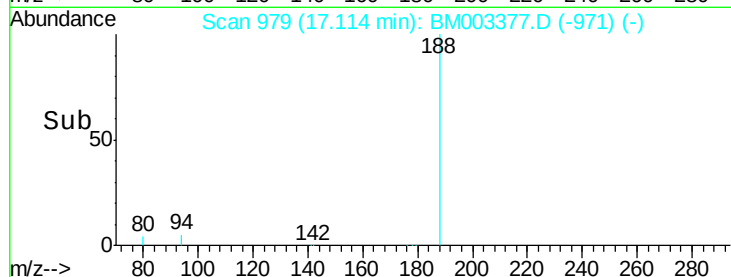
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->



#20

4-Bromophenyl-phenylether

Concen: 0.90 ng

RT: 16.30 min Scan# 947

Delta R.T. -0.03 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

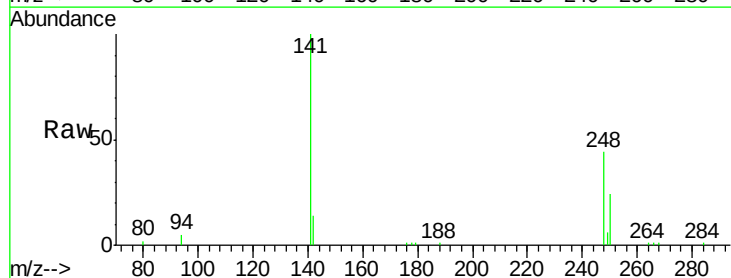
Tgt Ion:248 Resp: 11845

Ion Ratio Lower Upper

248 100

250 0.0 65.4 98.0#

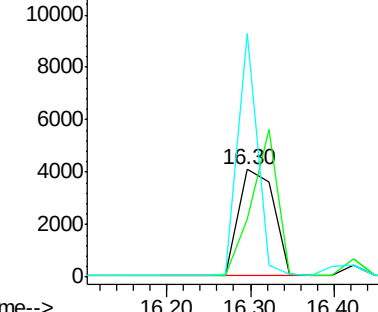
141 126.0 72.8 109.2#



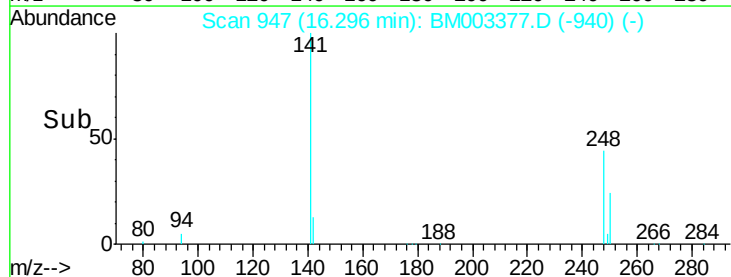
Abundance Ion 248.00 (247.70 to 248.70): E

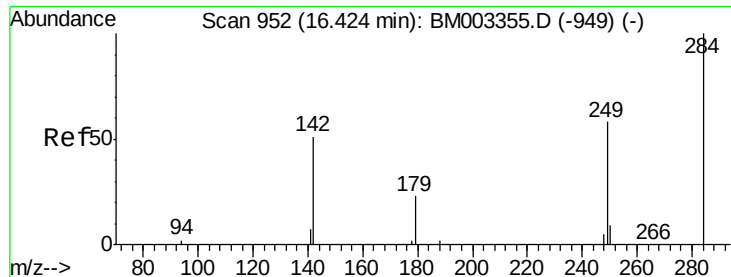
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#21

Hexachlorobenzene

Concen: 0.98 ng

RT: 16.42 min Scan# 952

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

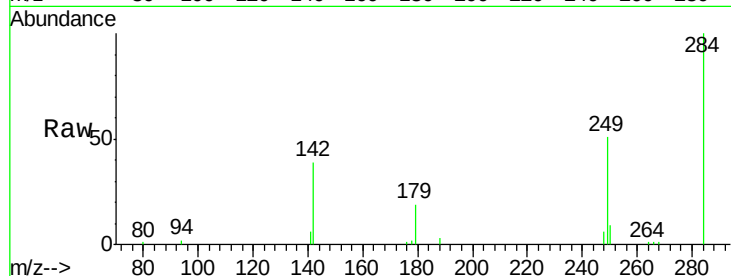
Tot Ion:284 Resp: 14667

Ion Ratio Lower Upper

284 100

142 45.4 0.0 0.0#

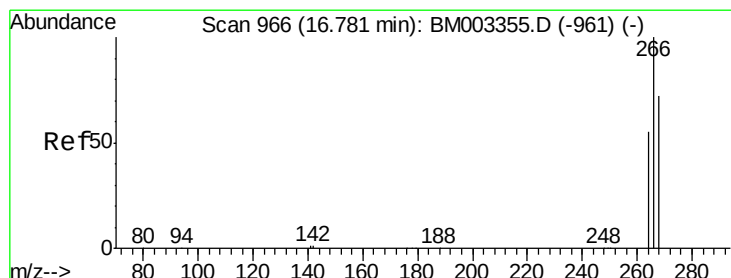
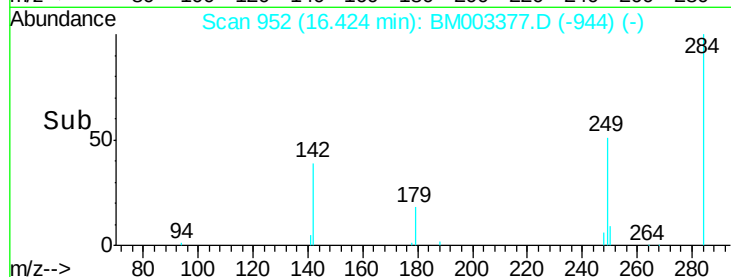
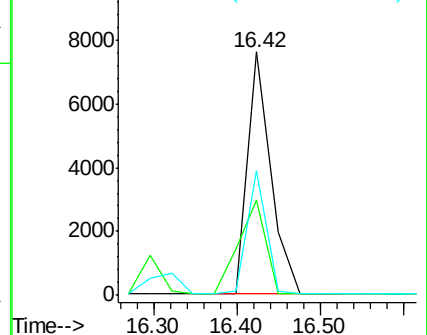
249 42.1 19.4 29.2#



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: 0.99 ng

RT: 16.78 min Scan# 966

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

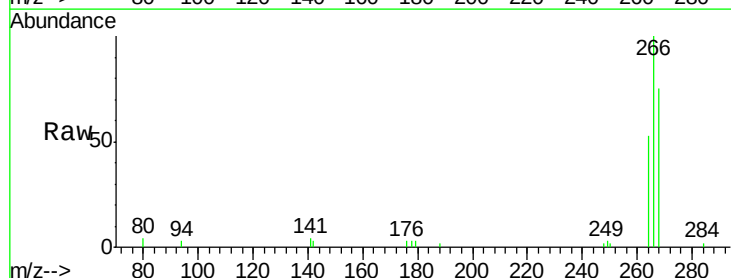
Tgt Ion:266 Resp: 4808

Ion Ratio Lower Upper

266 100

268 74.5 45.8 68.8#

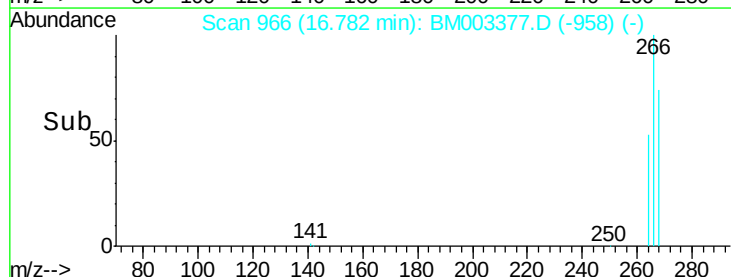
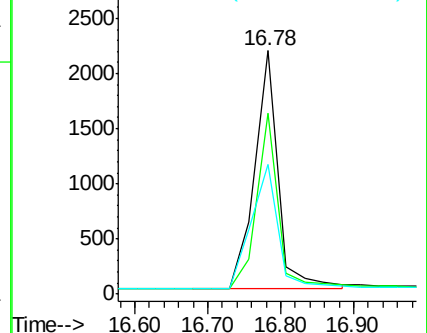
264 53.5 56.7 85.1#

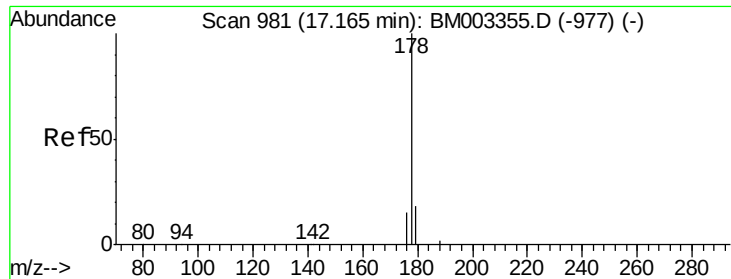


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 1.03 ng

RT: 17.24 min Scan# 984

Delta R.T. 0.08 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

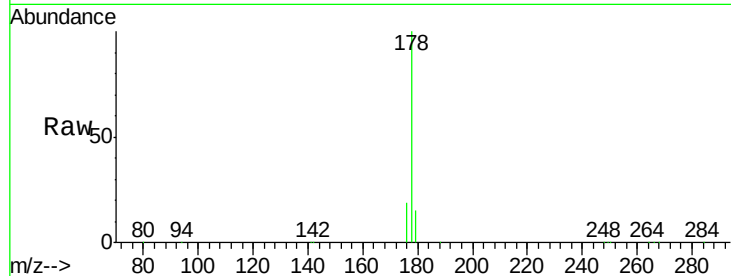
Tot Ion:178 Resp: 90787

Ion Ratio Lower Upper

178 100

176 18.5 15.9 23.9

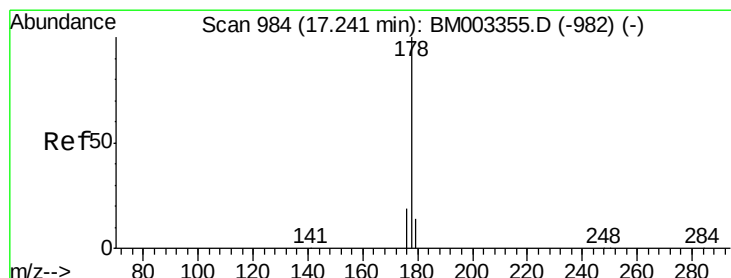
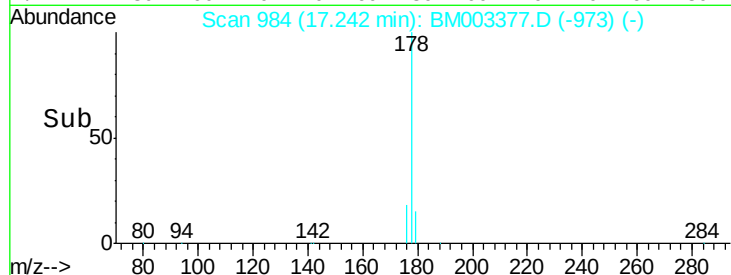
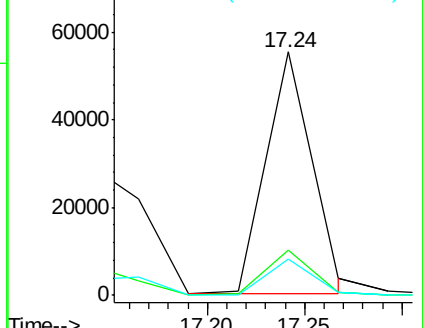
179 15.0 11.7 17.5



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

Anthracene

Concen: 1.00 ng

RT: 17.24 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

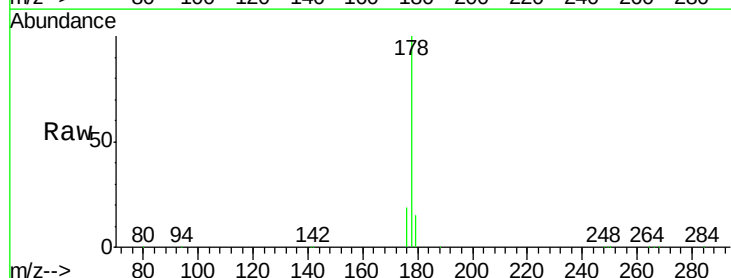
Tgt Ion:178 Resp: 92826

Ion Ratio Lower Upper

178 100

176 18.5 14.1 21.1

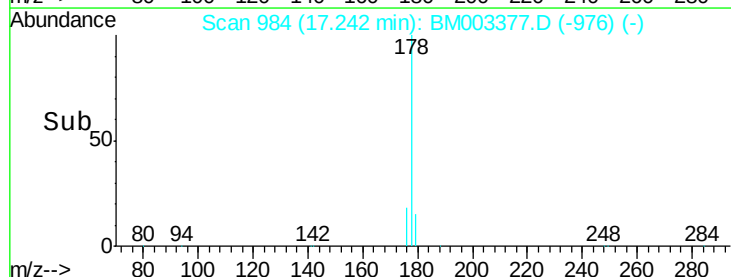
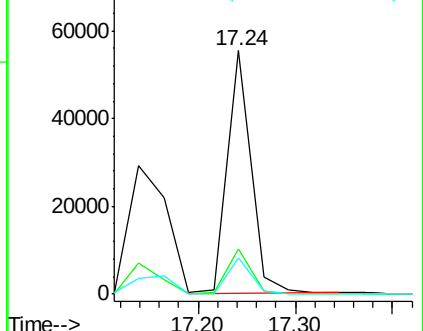
179 15.1 12.8 19.2

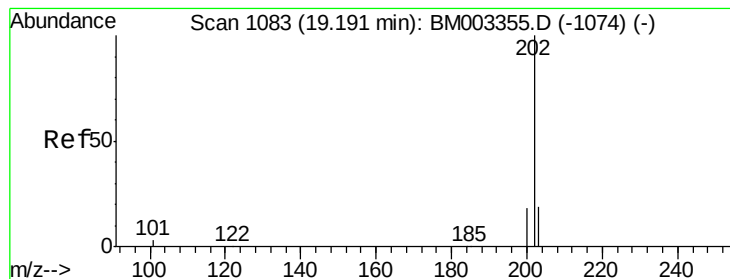


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 1.03 ng

RT: 19.19 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

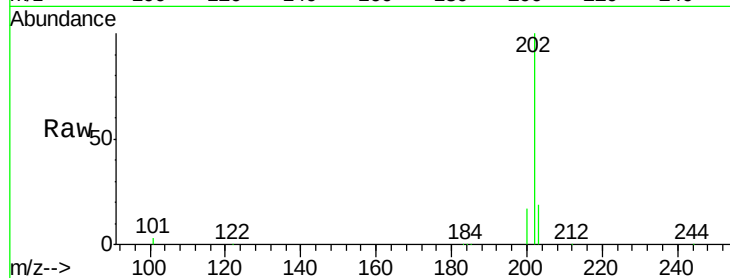
Tot Ion:202 Resp: 93764

Ion Ratio Lower Upper

202 100

101 12.4 9.9 14.9

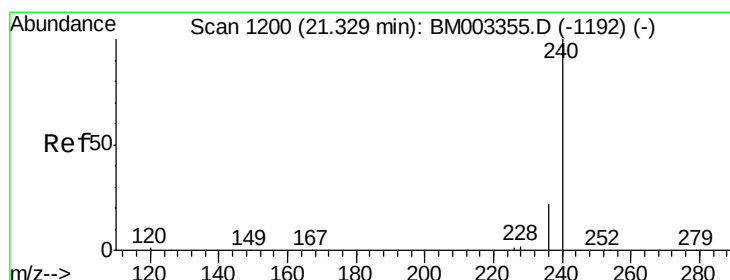
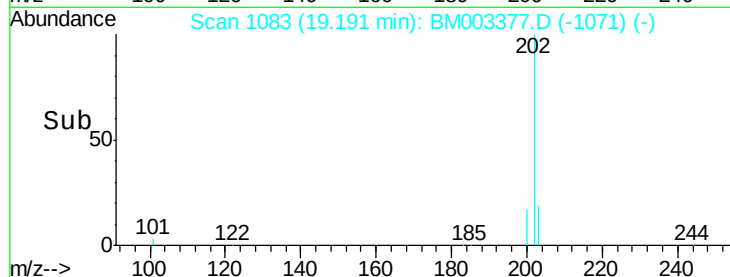
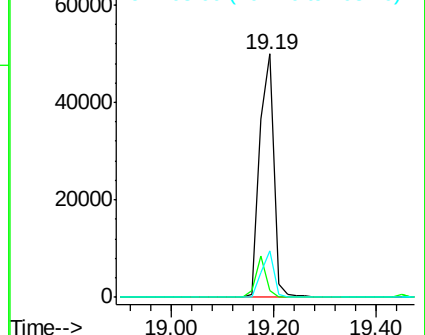
203 17.2 13.9 20.9



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: 21.33 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

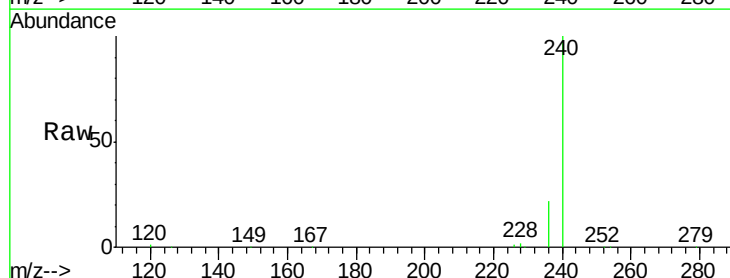
Tgt Ion:240 Resp: 322856

Ion Ratio Lower Upper

240 100

120 1.0 1.0 1.4

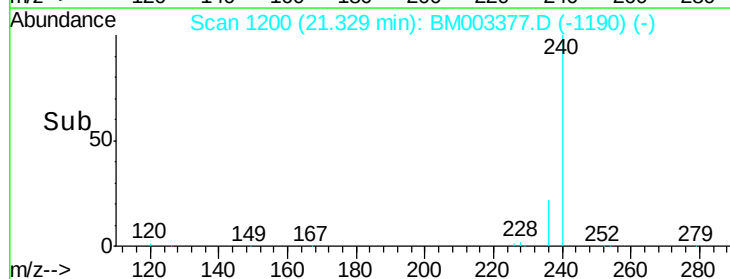
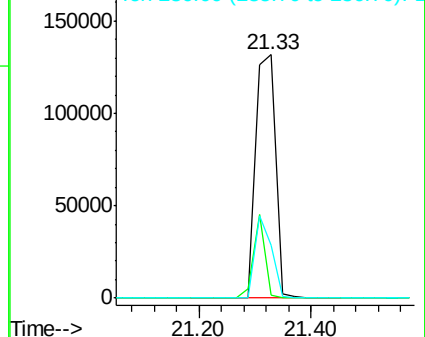
236 21.6 17.9 26.9

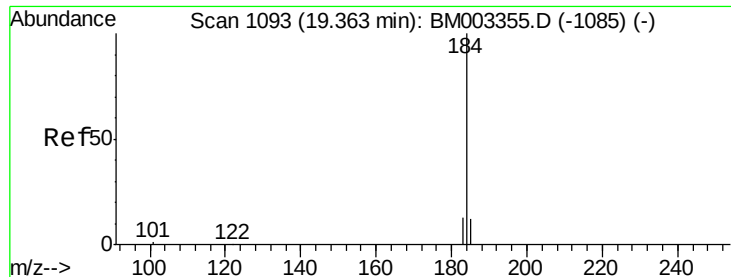


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.59 ng

RT: 19.36 min Scan# 1093

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

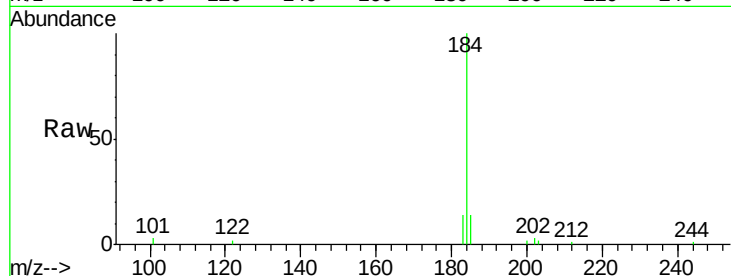
Tot Ion:184 Resp: 9487

Ion Ratio Lower Upper

184 100

185 13.7 11.6 17.4

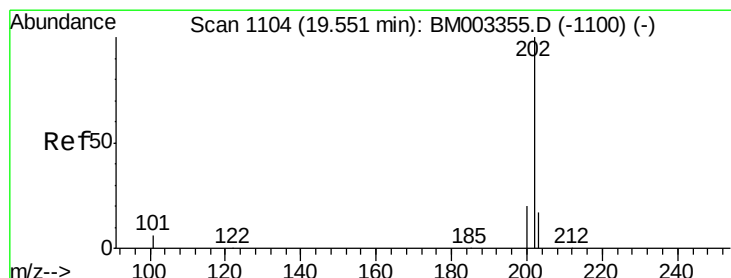
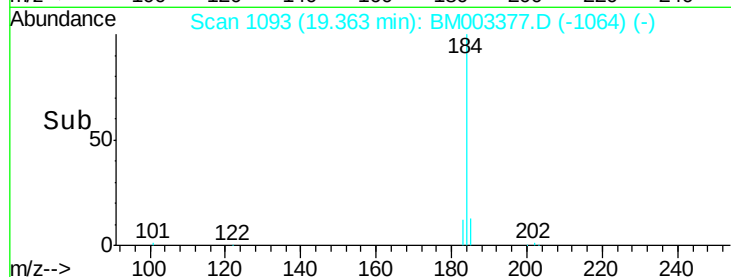
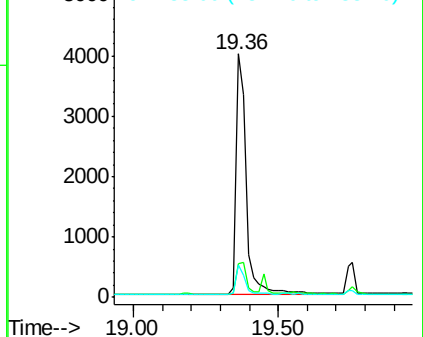
183 13.6 8.6 13.0#



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: 0.88 ng

RT: 19.55 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

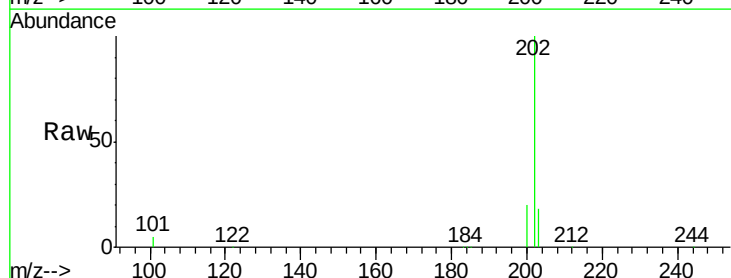
Tgt Ion:202 Resp: 103372

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

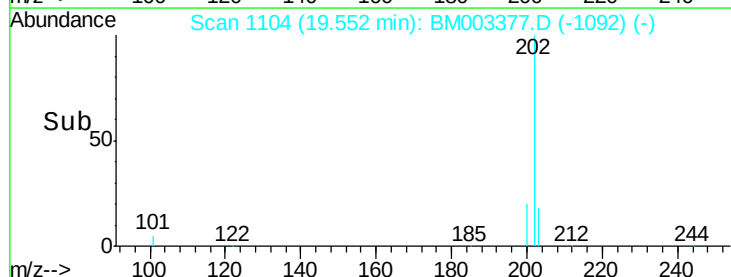
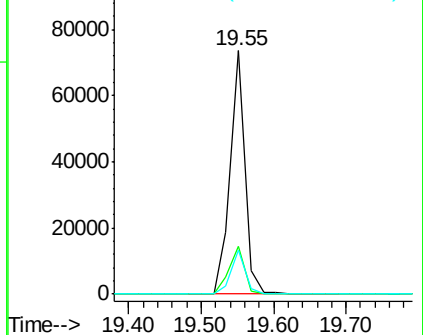
203 17.4 13.8 20.6

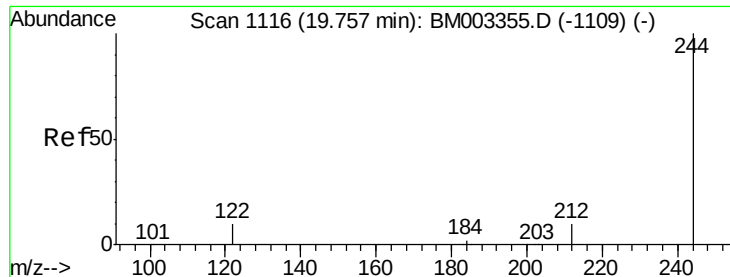


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.95 ng

RT: 19.76 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

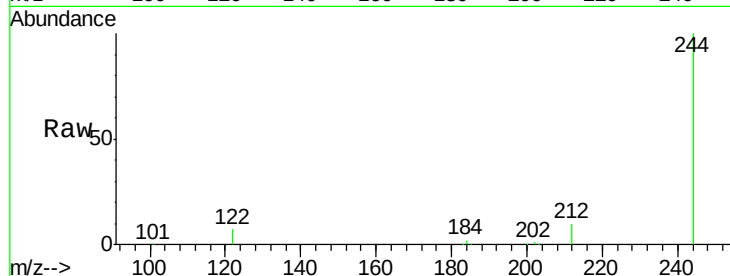
Tot Ion:244 Resp: 49681

Ion Ratio Lower Upper

244 100

212 9.8 6.5 9.7#

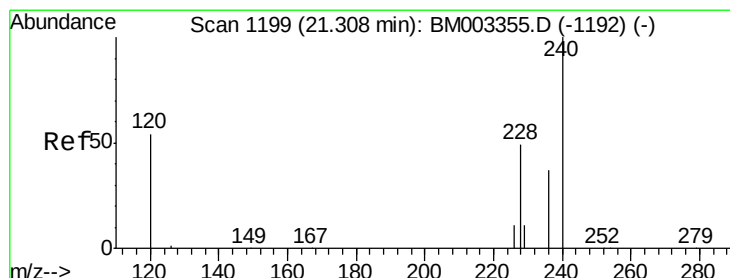
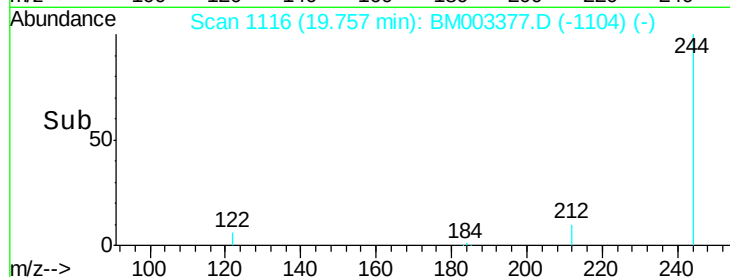
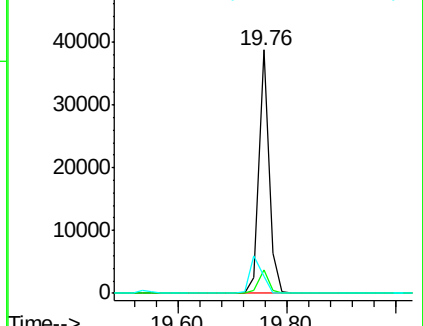
122 7.0 2.0 3.0#



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: 0.95 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

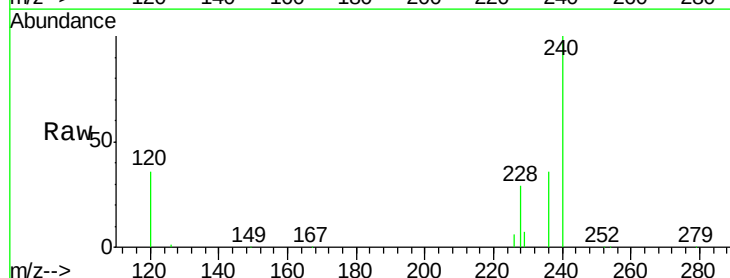
Tgt Ion:228 Resp: 83123

Ion Ratio Lower Upper

228 100

226 20.8 17.8 26.6

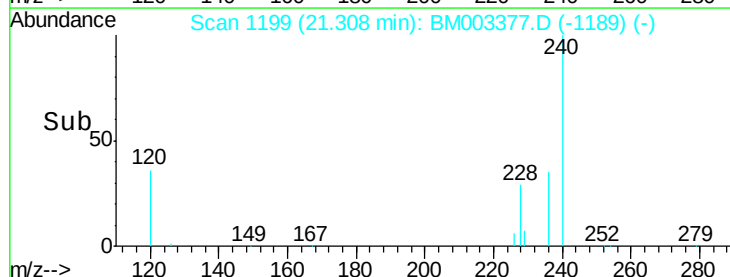
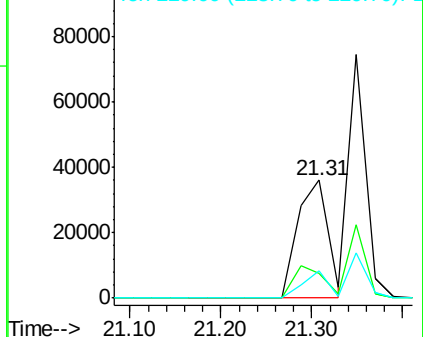
229 23.5 18.0 27.0

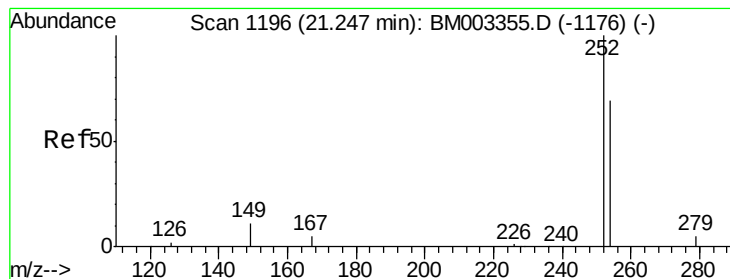


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.89 ng

RT: 21.25 min Scan# 1196

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

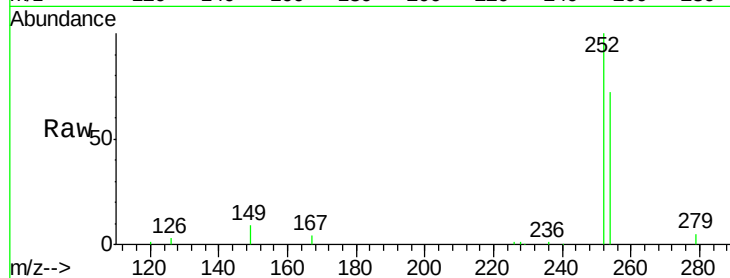
Tot Ion:252 Resp: 21104

Ion Ratio Lower Upper

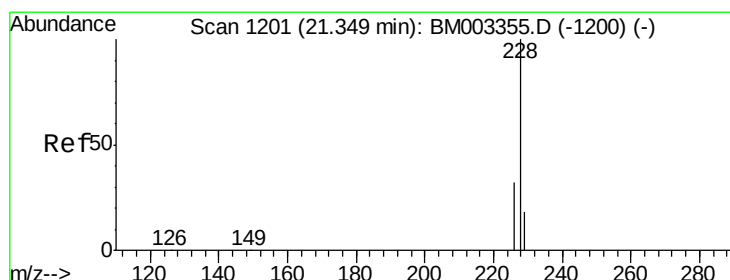
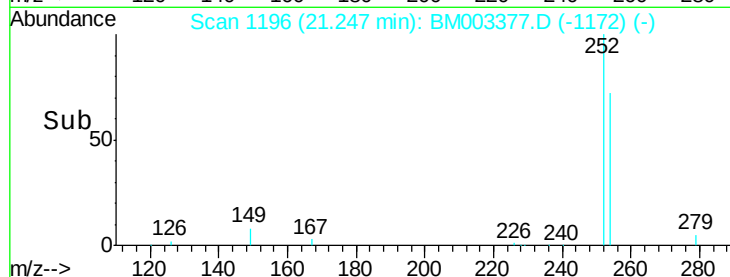
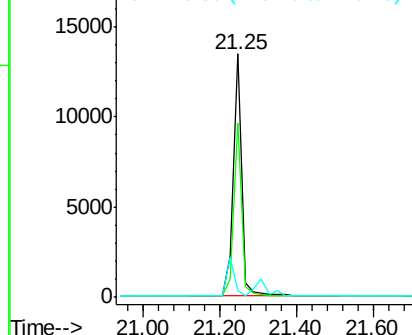
252 100

254 71.9 53.7 80.5

126 2.6 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: 0.99 ng

RT: 21.35 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

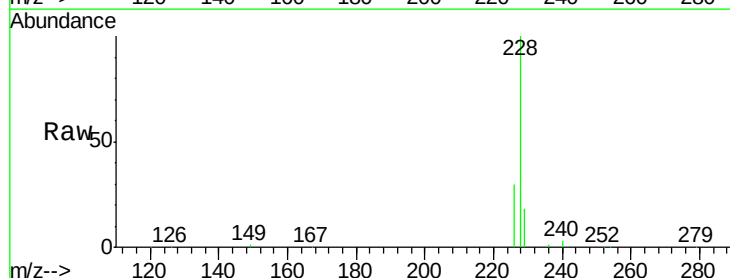
Tgt Ion:228 Resp: 99706

Ion Ratio Lower Upper

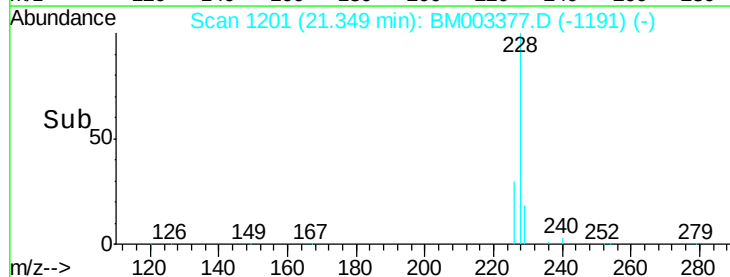
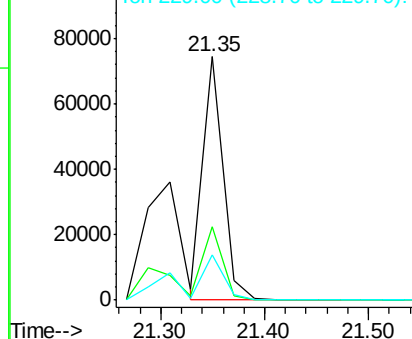
228 100

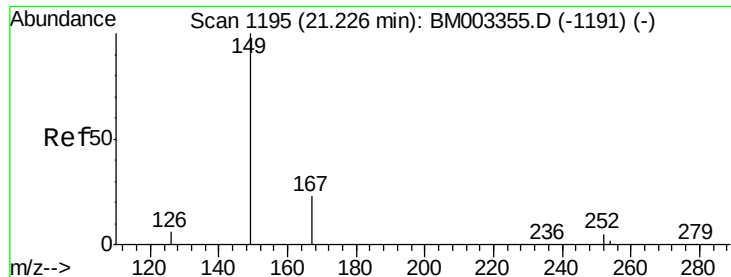
226 30.4 25.5 38.3

229 18.3 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: 1.04 ng

RT: 21.23 min Scan# 1195

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

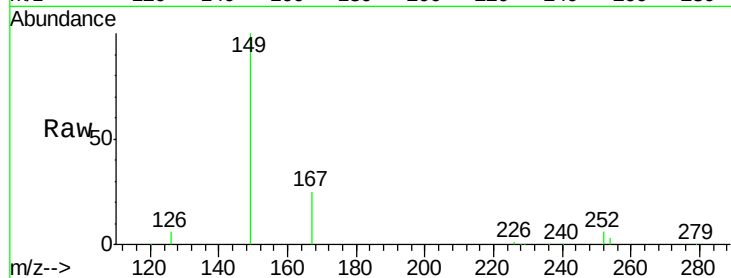
Tot Ion:149 Resp: 46712

Ion Ratio Lower Upper

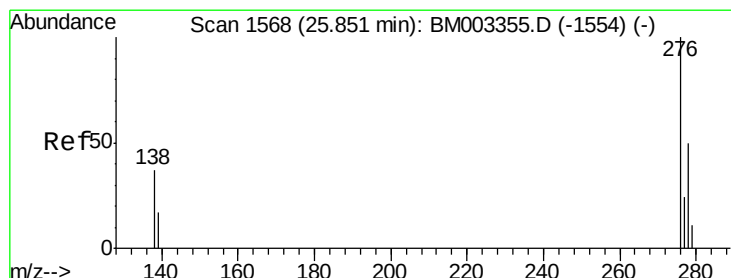
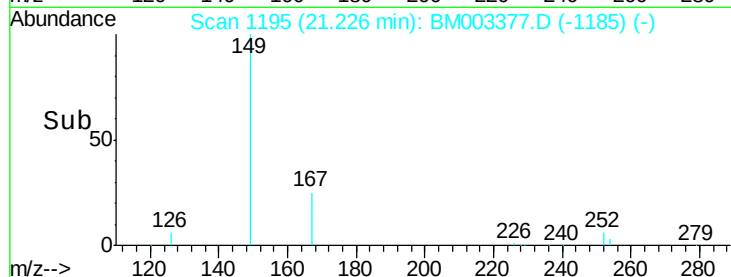
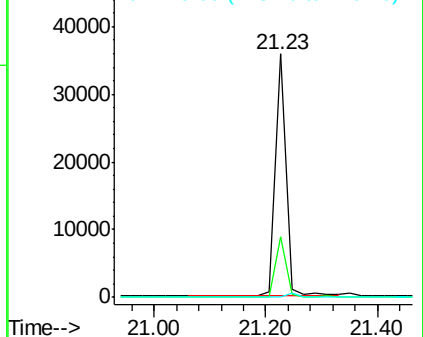
149 100

167 25.0 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: 0.80 ng

RT: 25.85 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

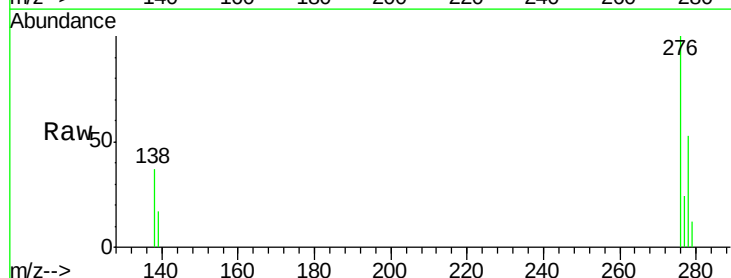
Tgt Ion:276 Resp: 59880

Ion Ratio Lower Upper

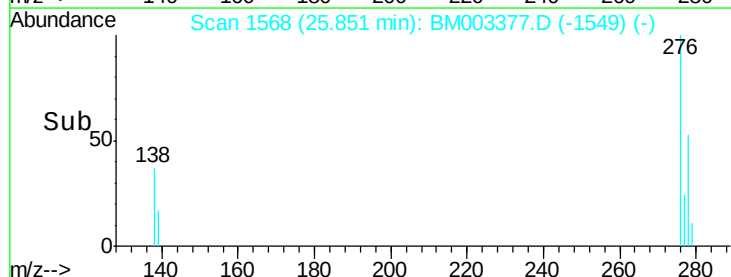
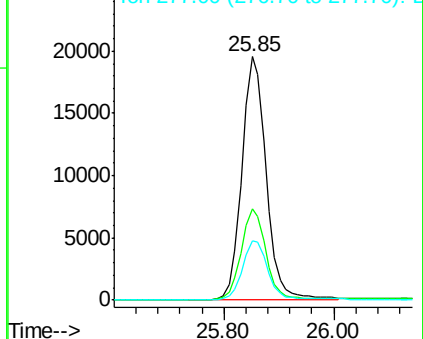
276 100

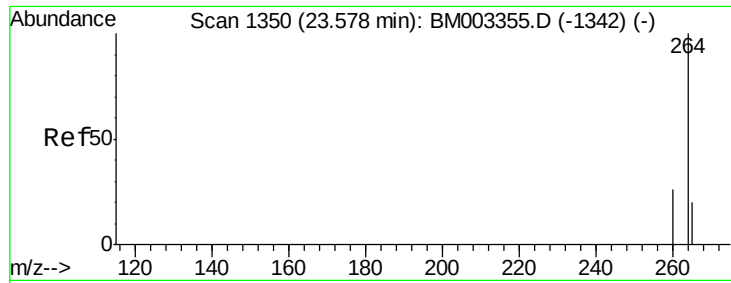
138 37.6 19.1 28.7#

277 24.8 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

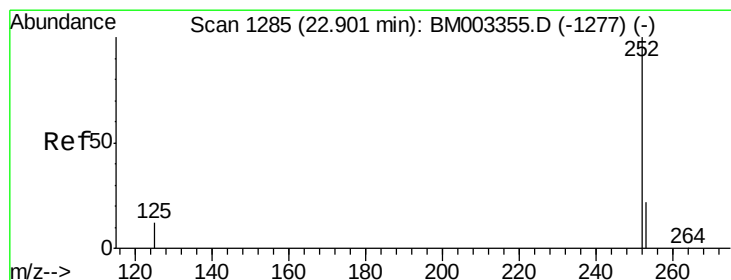
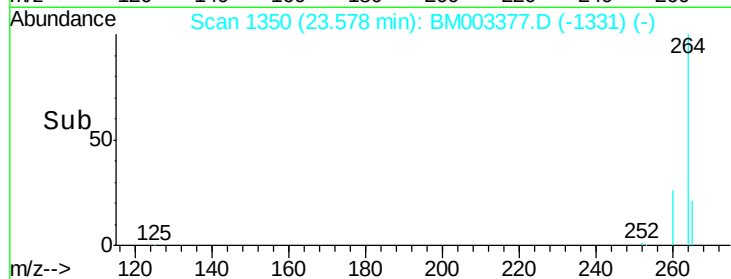
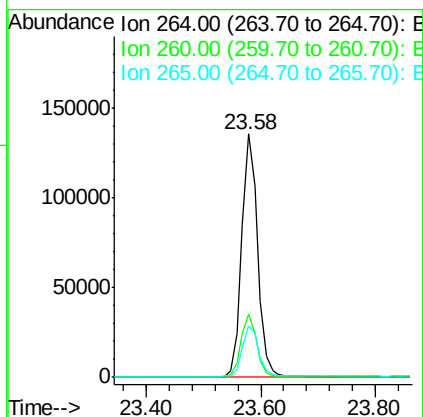
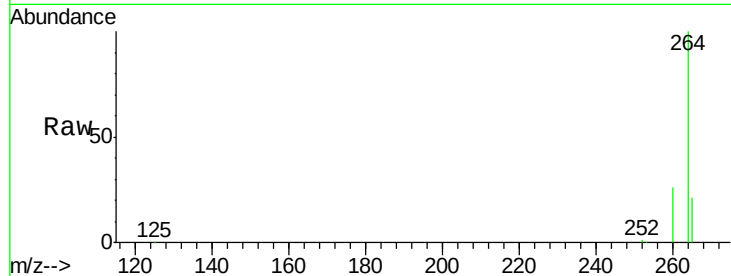




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.58 min Scan# 1350
 Delta R.T. 0.00 min
 Lab File: BM003377.D
 Acq: 03 Dec 2015 19:03

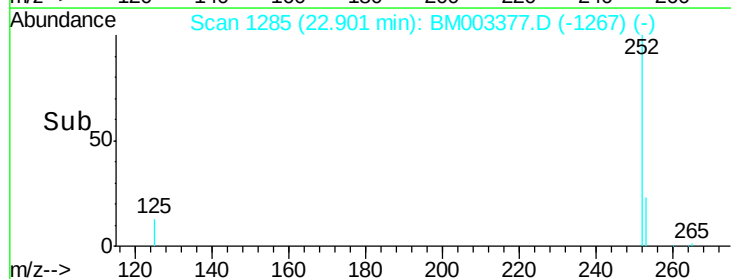
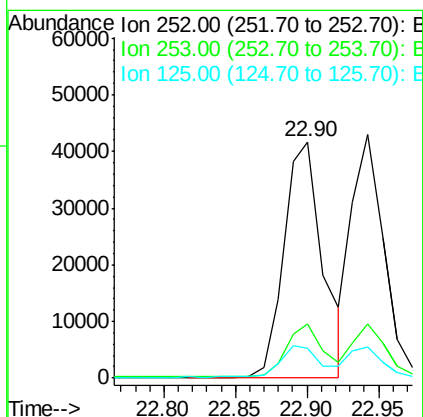
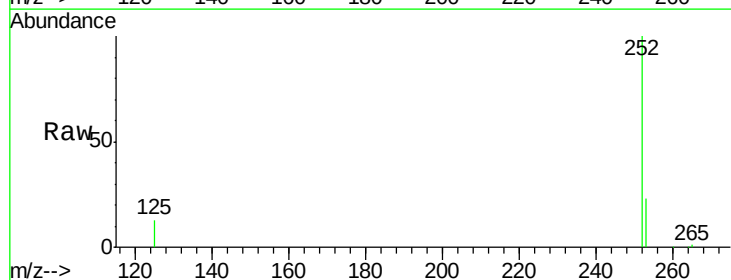
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

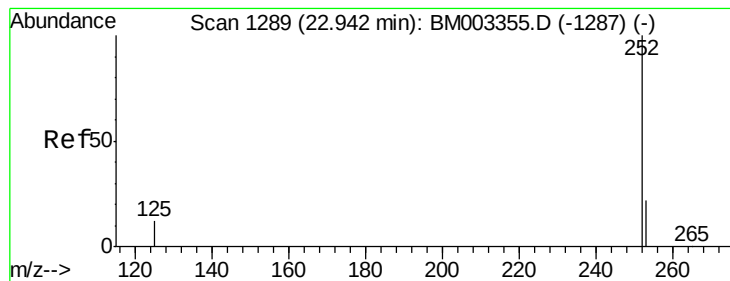
Tot Ion:264 Resp: 262684
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.6 29.4
 265 21.1 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 0.98 ng
 RT: 22.90 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: BM003377.D
 Acq: 03 Dec 2015 19:03

Tgt Ion:252 Resp: 78689
 Ion Ratio Lower Upper
 252 100
 253 23.1 18.2 27.4
 125 12.6 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 0.95 ng

RT: 22.94 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

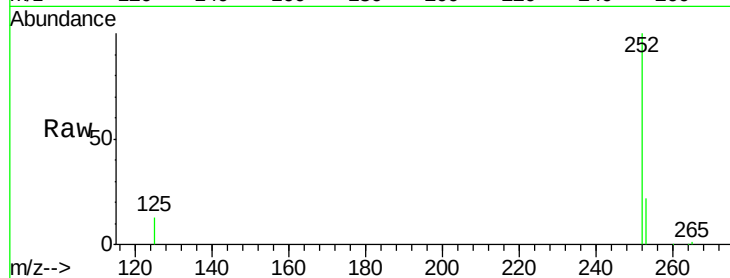
Tot Ion:252 Resp: 68046

Ion Ratio Lower Upper

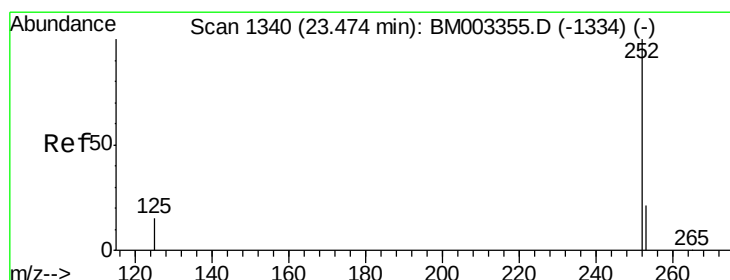
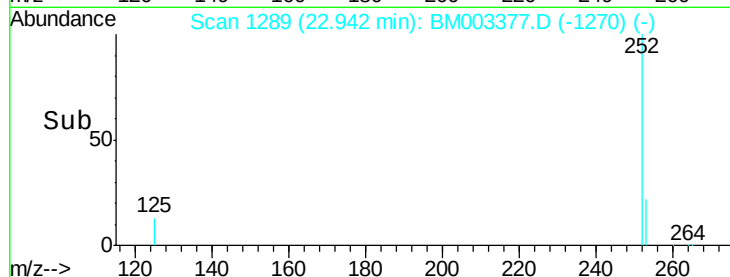
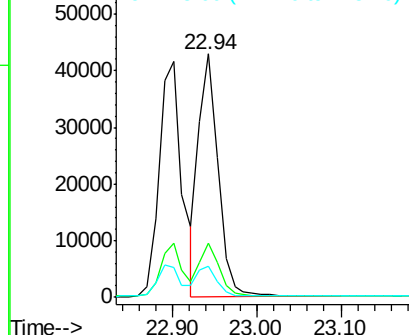
252 100

253 22.1 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: 0.92 ng

RT: 23.47 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

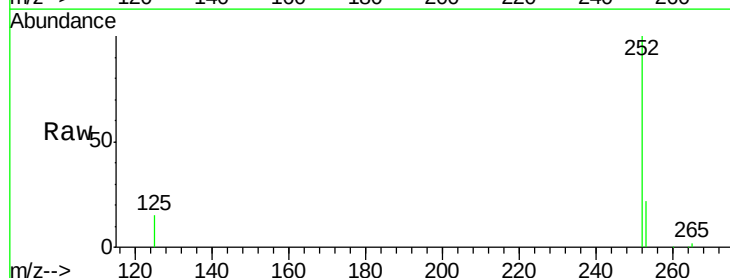
Tgt Ion:252 Resp: 60409

Ion Ratio Lower Upper

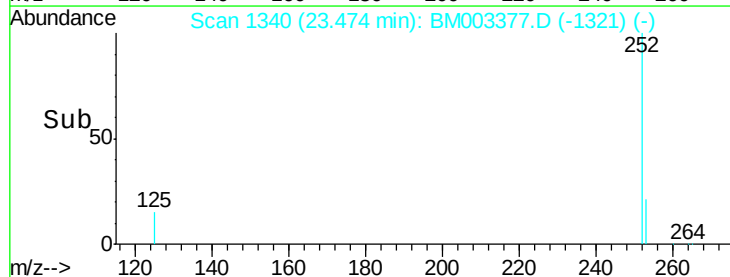
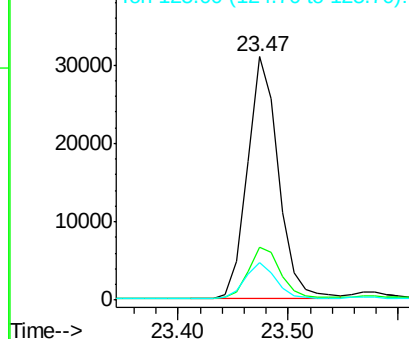
252 100

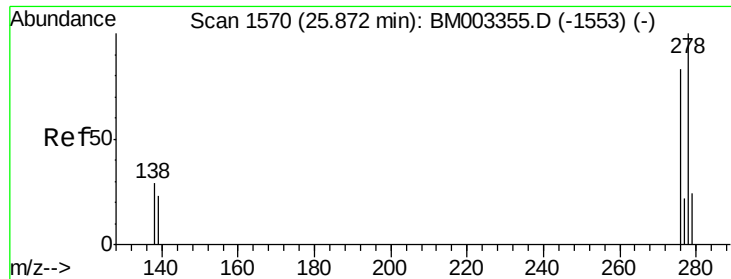
253 21.6 18.7 28.1

125 15.5 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: 0.80 ng

RT: 25.87 min Scan# 1570

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

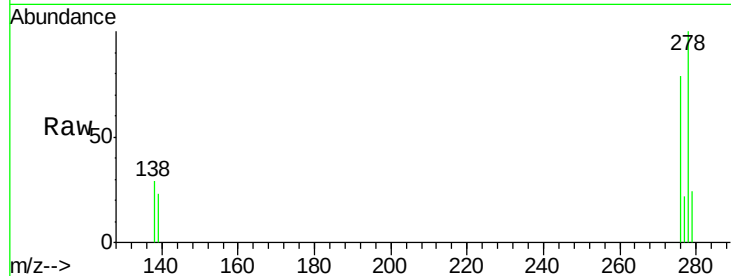
Tot Ion:278 Resp: 47660

Ion Ratio Lower Upper

278 100

139 23.3 18.2 27.4

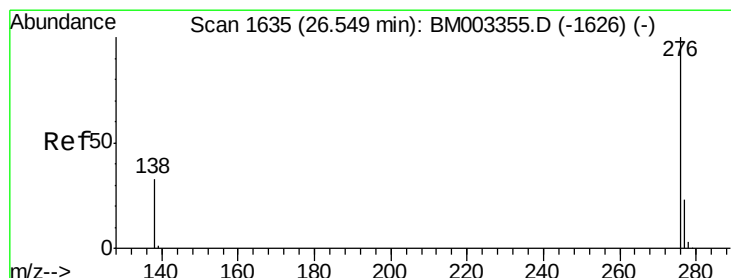
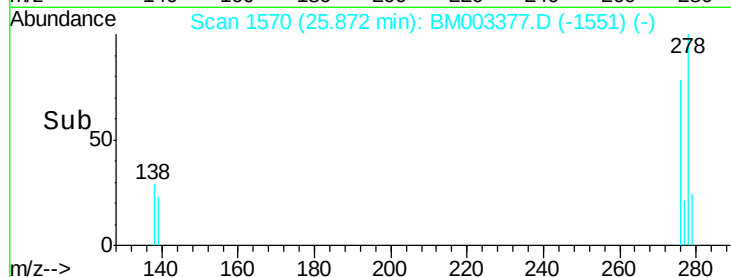
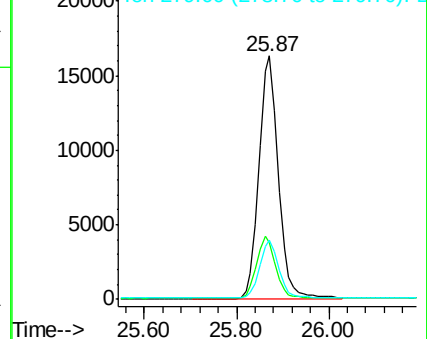
279 24.3 18.8 28.2



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: 0.80 ng

RT: 26.55 min Scan# 1635

Delta R.T. 0.00 min

Lab File: BM003377.D

Acq: 03 Dec 2015 19:03

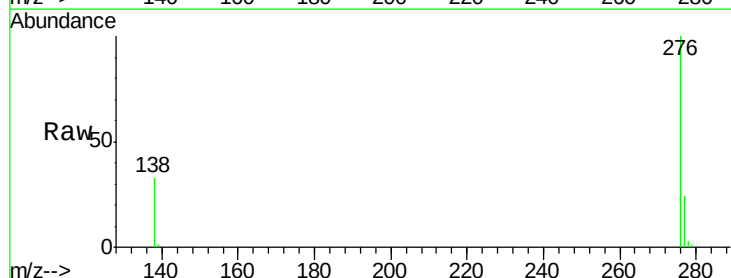
Tgt Ion:276 Resp: 50114

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.6

138 32.6 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

