

Data Path : Z:\HPCHEM1\BNA_M\Data\BM090216\
 Data File : BM007369.D
 Acq On : 02 Sep 2016 15:36
 Operator : UM/SJ
 Sample : H4612-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NC-TS-003MS

Quant Time: Sep 02 16:06:26 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM090116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 12:51:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	4424	5.00	ng	-0.02
7) Naphthalene-d8	10.56	136	19017	5.00	ng	-0.02
13) Acenaphthene-d10	14.42	164	10363	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	20876	5.00	ng	-0.02
26) Chrysene-d12	21.34	240	16343	5.00	ng	-0.01
35) Perylene-d12	23.61	264	13727	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	9111	9.97	ng	0.00
5) Phenol-d6	6.95	99	11497	9.19	ng	-0.02
8) Nitrobenzene-d5	8.94	82	5266	4.90	ng	-0.02
14) 2,4,6-Tribromophenol	15.91	330	4593	11.45	ng	-0.01
15) 2-Fluorobiphenyl	13.04	172	13880	4.31	ng	0.00
29) Terphenyl-d14	19.80	244	10084	4.60	ng	0.00

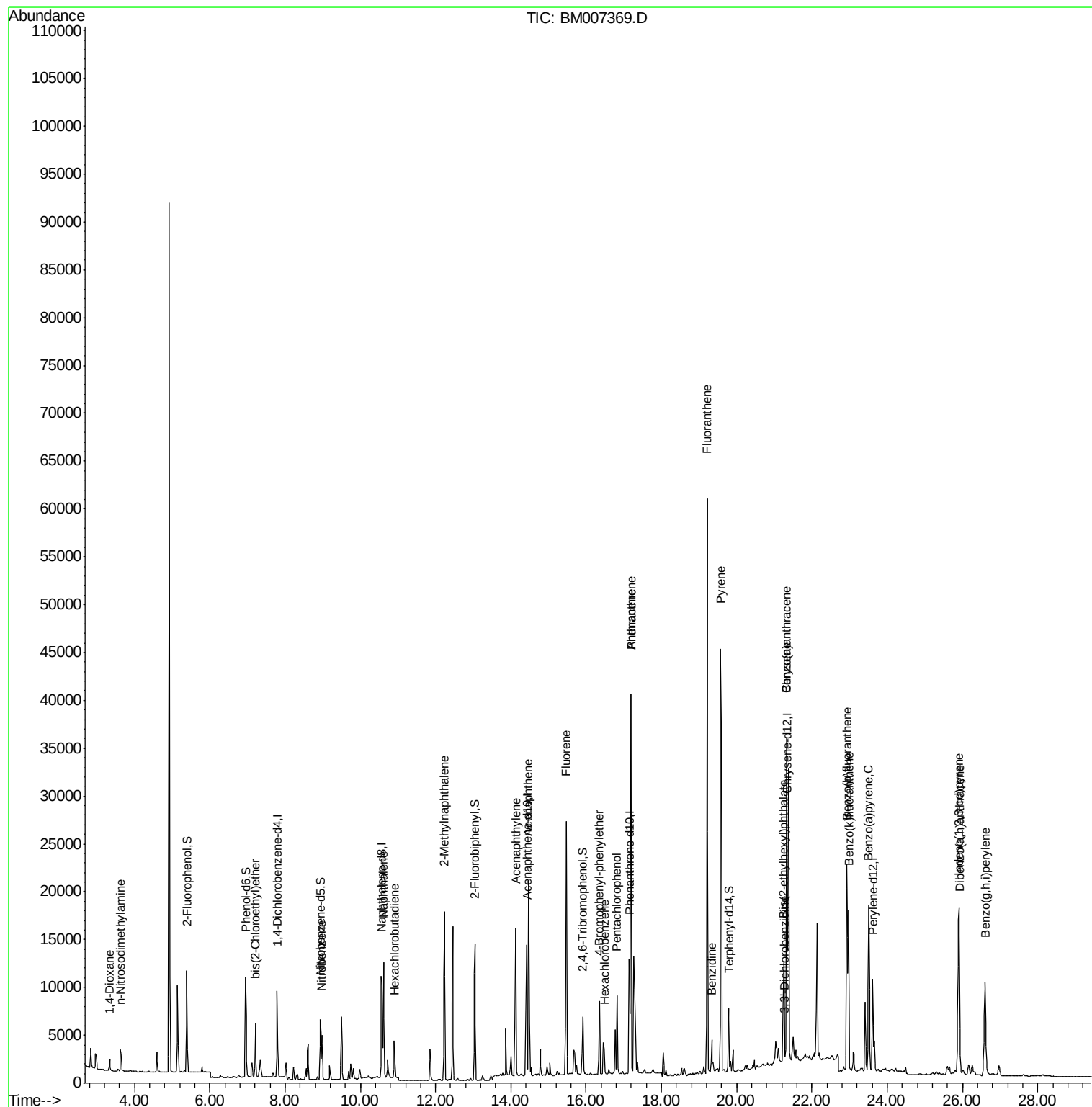
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	876	2.77	ng	# 68
3) n-Nitrosodimethylamine	3.63	42	1960	3.95	ng	# 88
6) bis(2-Chloroethyl)ether	7.21	93	3955	4.12	ng	99
9) Nitrobenzene	8.98	77	4840	4.72	ng	96
10) Naphthalene	10.61	128	17425	4.01	ng	# 85
11) Hexachlorobutadiene	10.90	225	3129	3.93	ng	# 1
12) 2-Methylnaphthalene	12.23	142	12319	3.96	ng	96
16) Acenaphthylene	14.13	152	21053	4.69	ng	99
17) Acenaphthene	14.47	154	13169	4.25	ng	99
18) Fluorene	15.47	166	17528	4.81	ng	100
20) 4-Bromophenyl-phenylether	16.35	248	4614	5.47	ng	# 1
21) Hexachlorobenzene	16.48	284	3882	3.63	ng	# 41
22) Pentachlorophenol	16.81	266	6080	18.48	ng	# 80
23) Phenanthrene	17.20	178	48379	9.08	ng	97
24) Anthracene	17.20	178	48262	9.01	ng	99
25) Fluoranthene	19.22	202	63730	10.16	ng	99
27) Benzidine	19.34	184	33	0.03	ng	# 1
28) Pyrene	19.58	202	59014	12.67	ng	# 95
30) Benzo(a)anthracene	21.32	228	41588	8.80	ng	# 90
31) 3,3'-Dichlorobenzidine	21.28	252	402	0.31	ng	# 55
32) Chrysene	21.32	228	41588	9.04	ng	94
33) Bis(2-ethylhexyl)phthalate	21.26	149	15513	6.30	ng	# 96
34) Indeno(1,2,3-cd)pyrene	25.89	276	22616	5.59	ng	99
36) Benzo(b)fluoranthene	22.93	252	34329	8.02	ng	96
37) Benzo(k)fluoranthene	22.97	252	19853	5.03	ng	97
38) Benzo(a)pyrene	23.51	252	26646	7.01	ng	93
39) Dibenzo(a,h)anthracene	25.91	278	13554	4.39	ng	92
40) Benzo(g,h,i)perylene	26.60	276	20771	6.49	ng	91

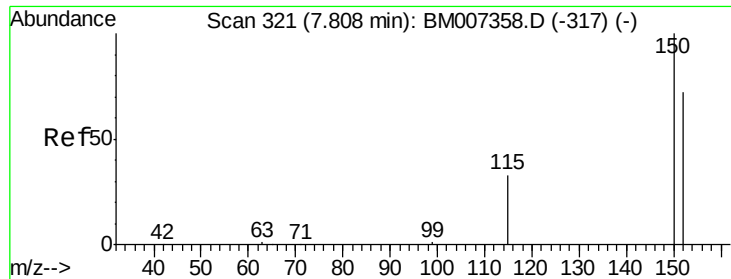
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.79 min Scan# 320

Delta R.T. -0.02 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

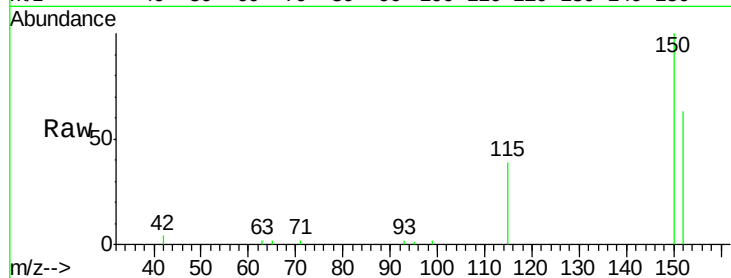
Tgt Ion:152 Resp: 4424

Ion Ratio Lower Upper

152 100

150 159.4 109.8 164.8

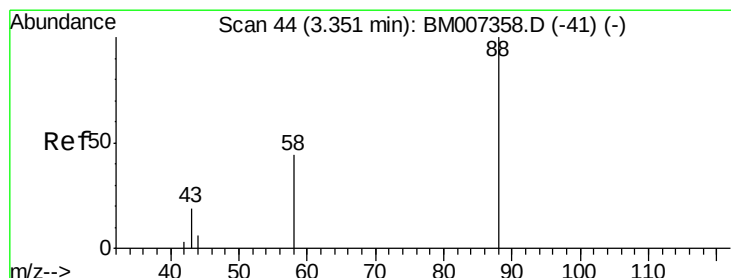
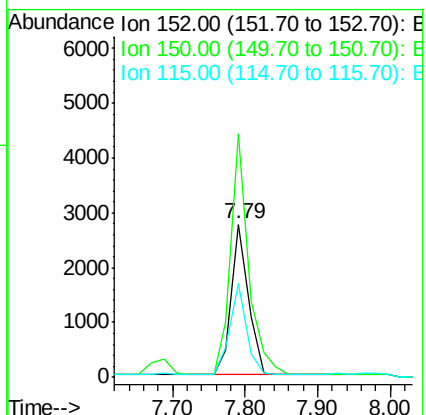
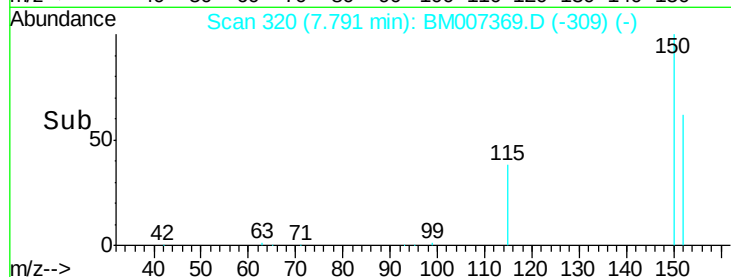
115 61.8 39.0 58.4#



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: 2.77 ng

RT: 3.34 min Scan# 43

Delta R.T. -0.02 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

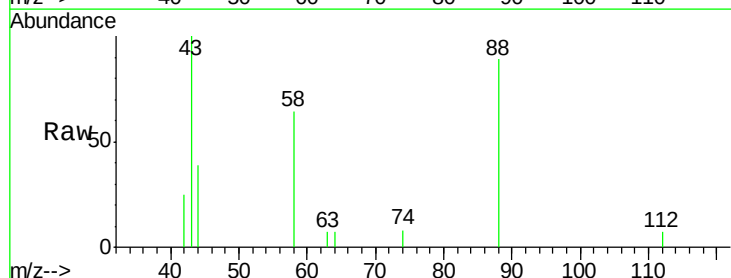
Tgt Ion: 88 Resp: 876

Ion Ratio Lower Upper

88 100

58 68.2 41.0 61.4#

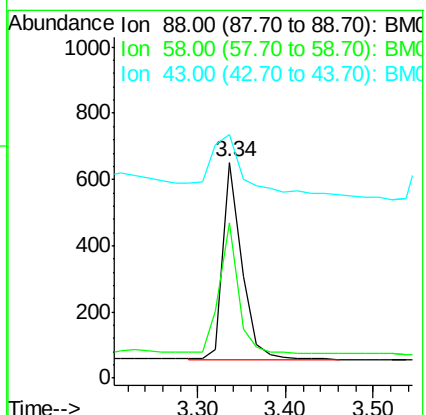
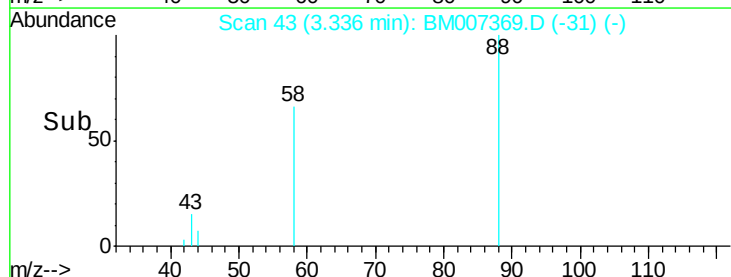
43 54.8 24.2 36.2#

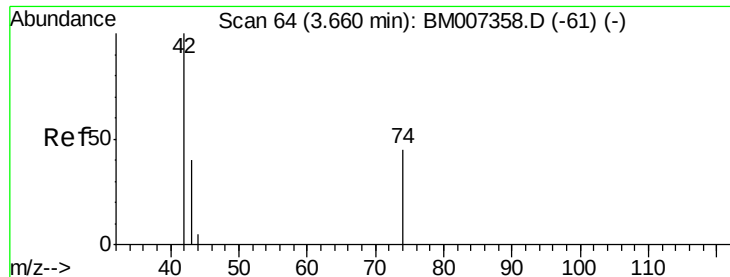


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 3.95 ng

RT: 3.63 min Scan# 62

Delta R.T. -0.03 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

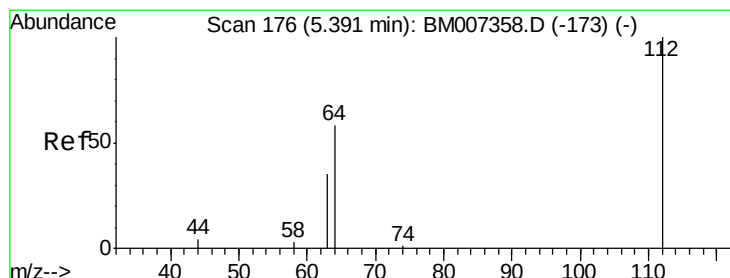
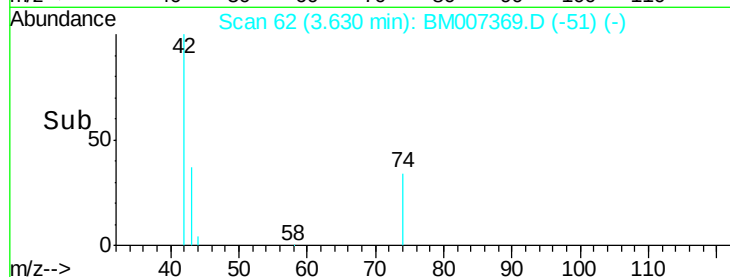
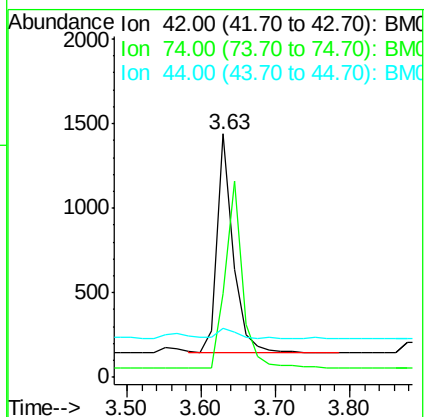
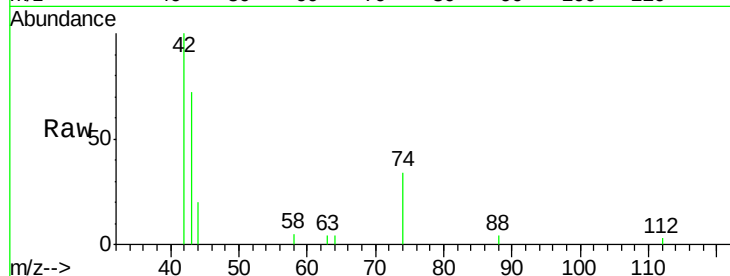
Tgt Ion: 42 Resp: 1960

Ion Ratio Lower Upper

42 100

74 93.2 78.9 118.3

44 5.2 19.1 28.7#



#4

2-Fluorophenol

Concen: 9.97 ng

RT: 5.39 min Scan# 176

Delta R.T. 0.00 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

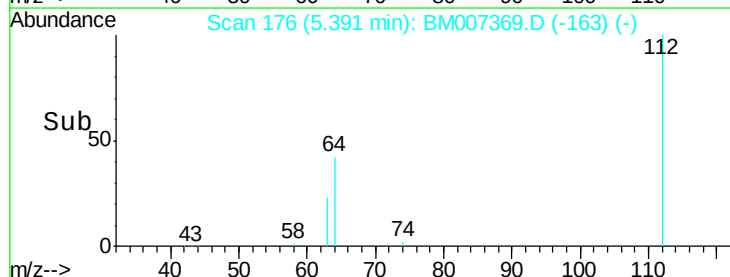
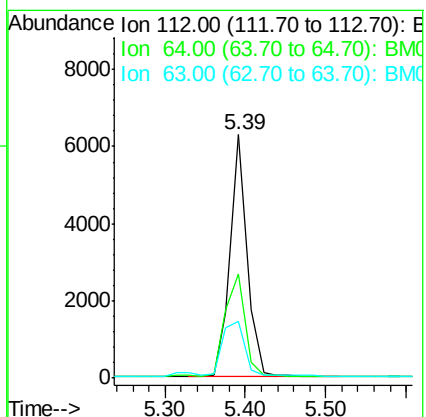
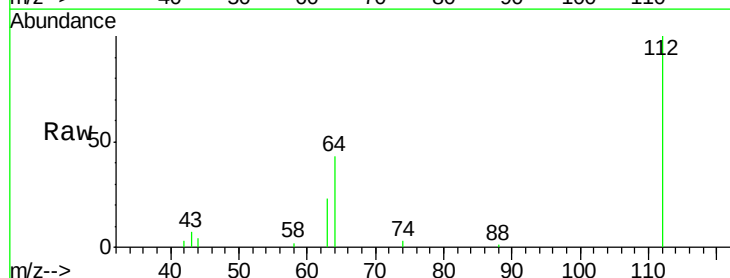
Tgt Ion: 112 Resp: 9111

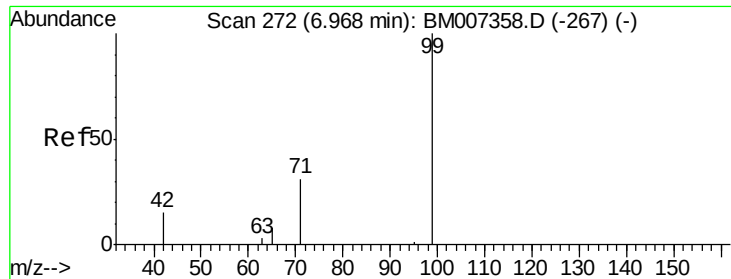
Ion Ratio Lower Upper

112 100

64 49.8 36.9 55.3

63 29.1 22.6 34.0





#5

Phenol-d6

Concen: 9.19 ng

RT: 6.95 min Scan# 271

Delta R.T. -0.02 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

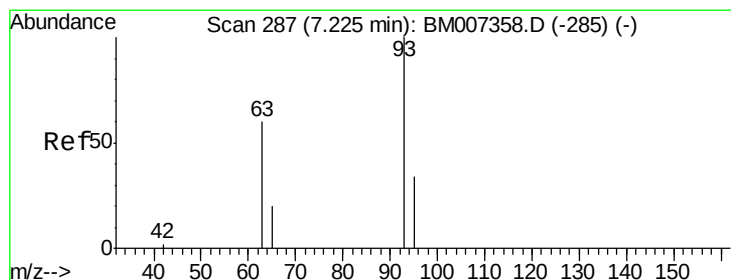
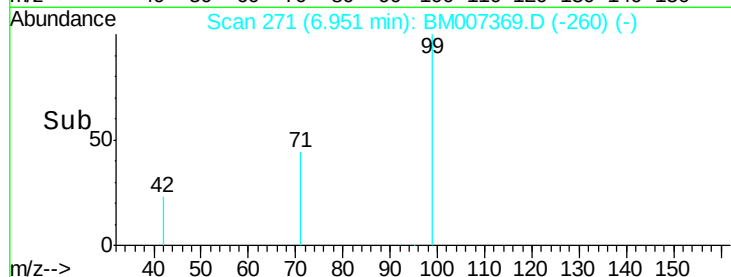
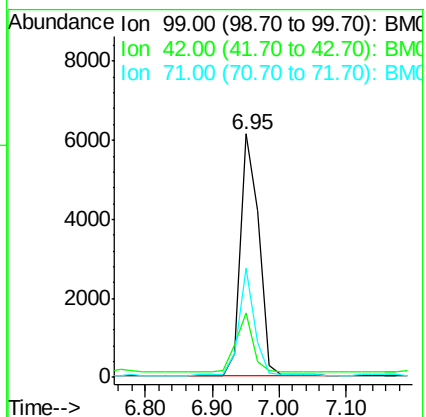
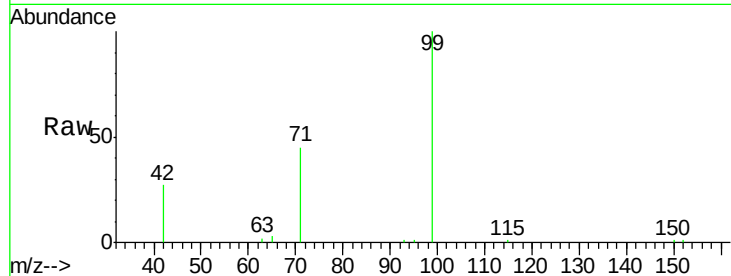
Tgt Ion: 99 Resp: 11497

Ion Ratio Lower Upper

99 100

42 22.6 19.8 29.8

71 37.3 28.1 42.1



#6

bis(2-Chloroethyl)ether

Concen: 4.12 ng

RT: 7.21 min Scan# 286

Delta R.T. -0.02 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

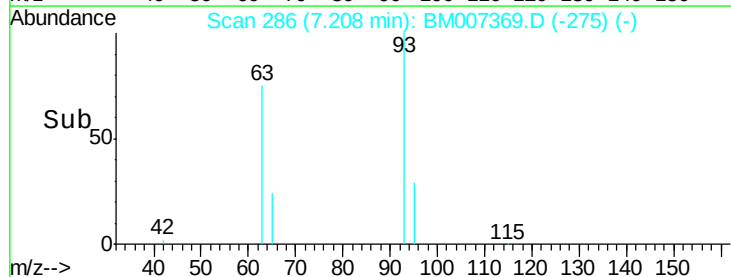
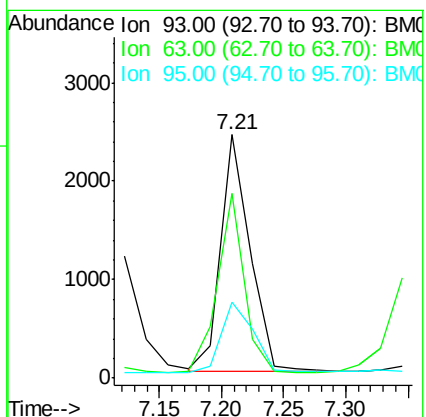
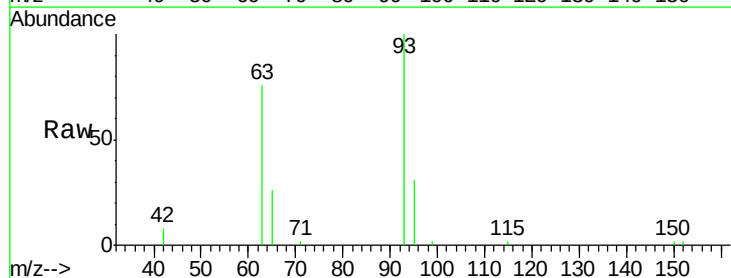
Tgt Ion: 93 Resp: 3955

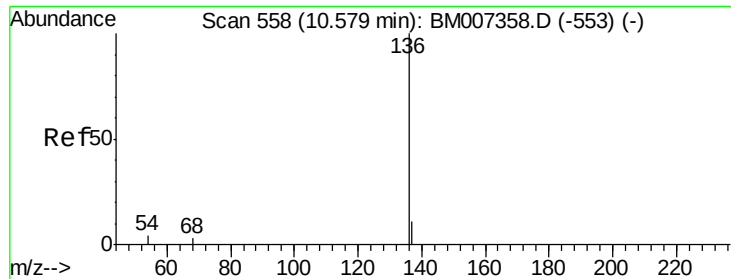
Ion Ratio Lower Upper

93 100

63 68.9 54.3 81.5

95 32.3 25.7 38.5





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.56 min Scan# 557

Delta R.T. -0.02 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

Tgt Ion:136 Resp: 19017

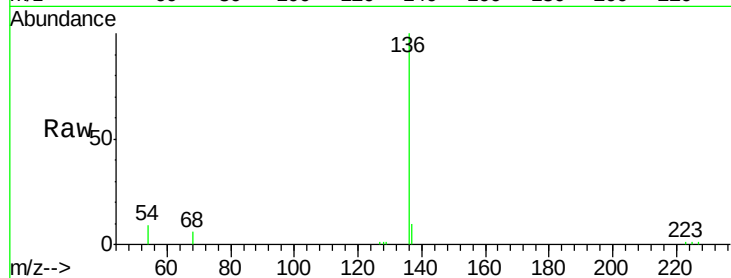
Ion Ratio Lower Upper

136 100

137 10.4 9.4 14.0

54 9.1 4.0 6.0#

68 5.7 2.7 4.1#

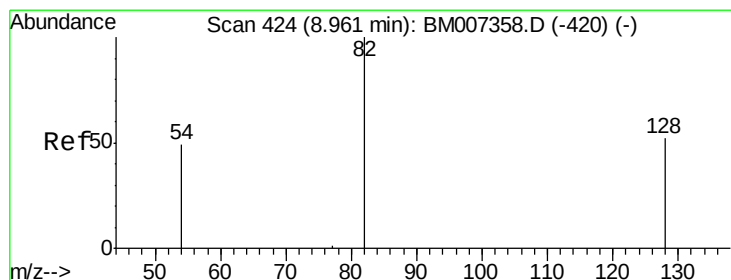
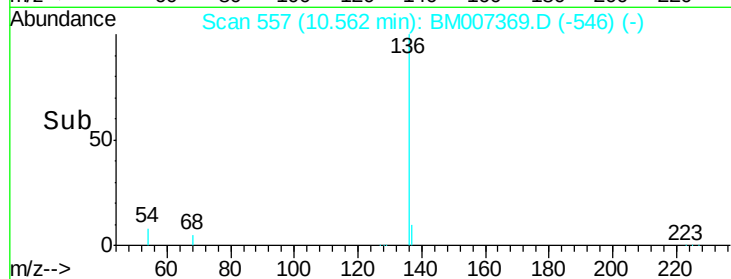
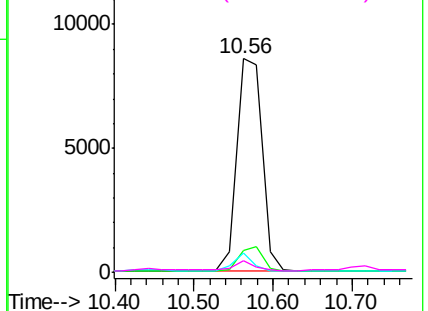


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.90 ng

RT: 8.94 min Scan# 422

Delta R.T. -0.02 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

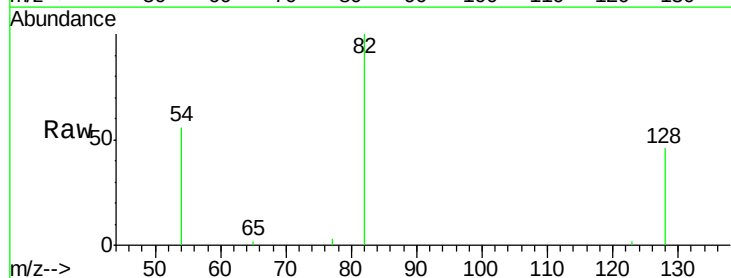
Tgt Ion: 82 Resp: 5266

Ion Ratio Lower Upper

82 100

128 45.9 54.9 82.3#

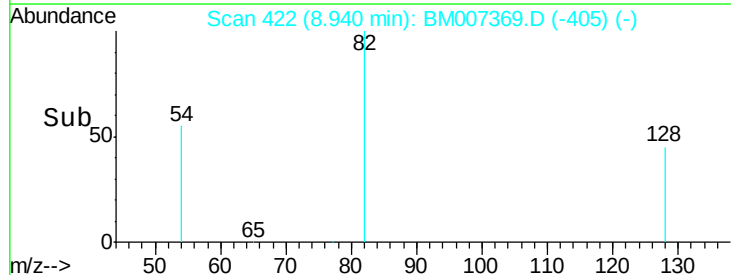
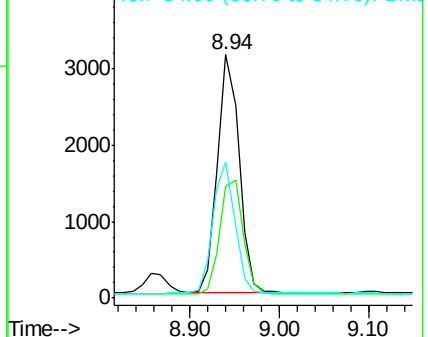
54 56.0 53.8 80.6

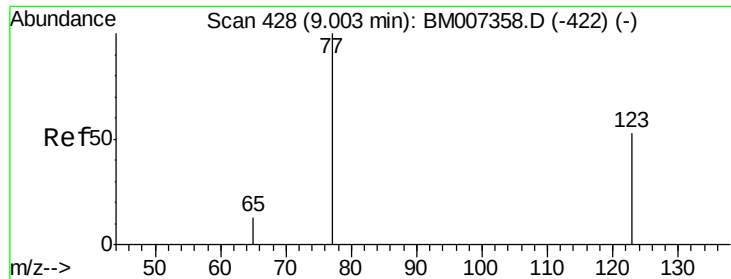


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 4.72 ng

RT: 8.98 min Scan# 426

Delta R.T. -0.02 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

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ClientSampleId :

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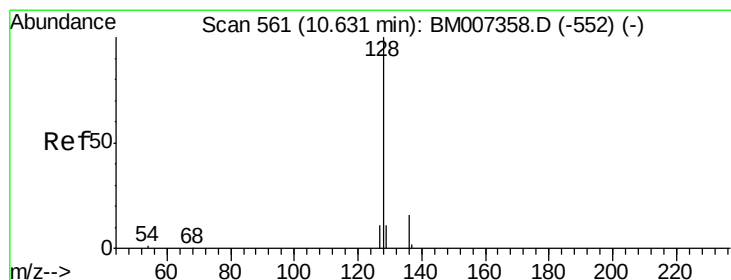
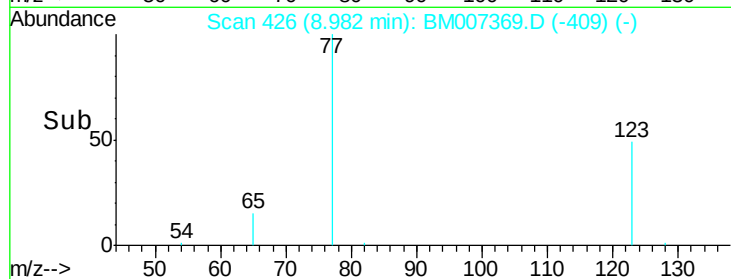
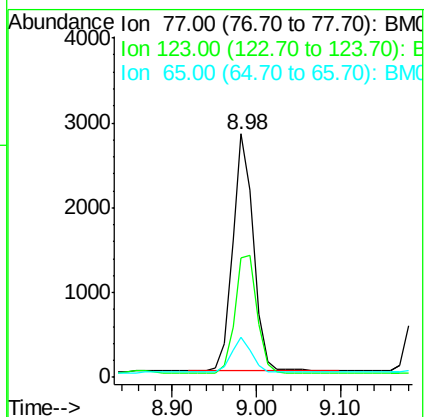
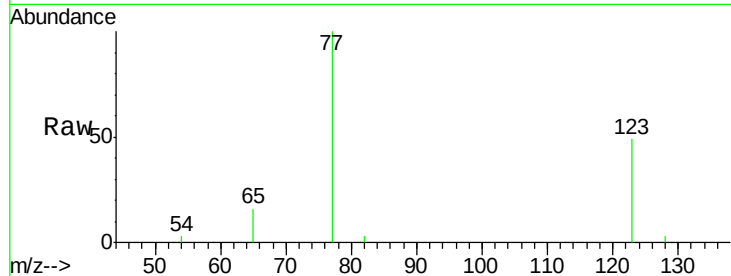
Tgt Ion: 77 Resp: 4840

Ion Ratio Lower Upper

77 100

123 53.1 40.0 60.0

65 14.6 10.6 15.8



#10

Naphthalene

Concen: 4.01 ng

RT: 10.61 min Scan# 560

Delta R.T. -0.02 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

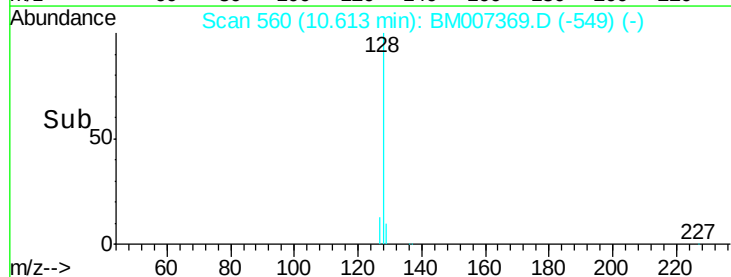
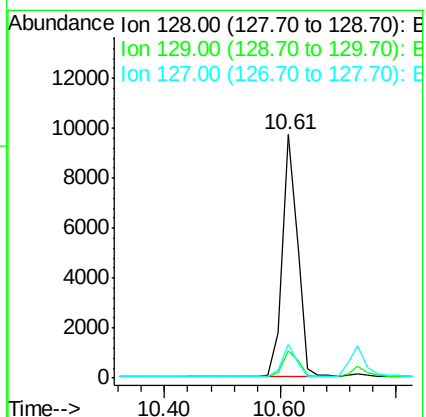
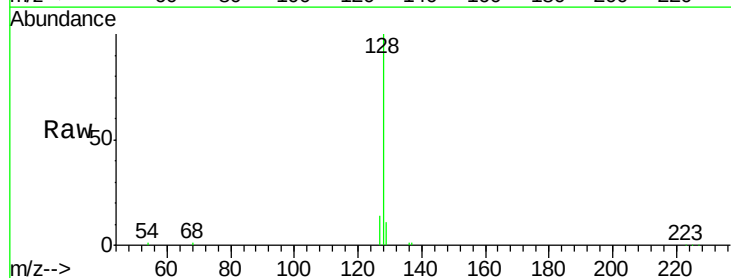
Tgt Ion: 128 Resp: 17425

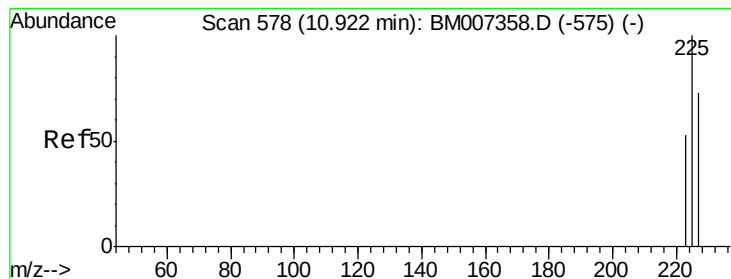
Ion Ratio Lower Upper

128 100

129 11.0 15.5 23.3#

127 13.8 15.5 23.3#





#11

Hexachlorobutadiene

Concen: 3.93 ng

RT: 10.90 min Scan# 577

Delta R.T. -0.02 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

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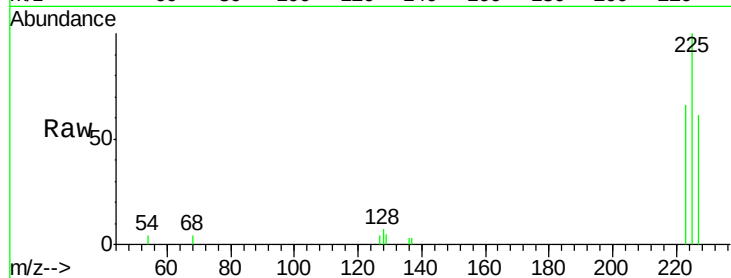
Tgt Ion: 225 Resp: 3129

Ion Ratio Lower Upper

225 100

223 68.4 197.7 296.5#

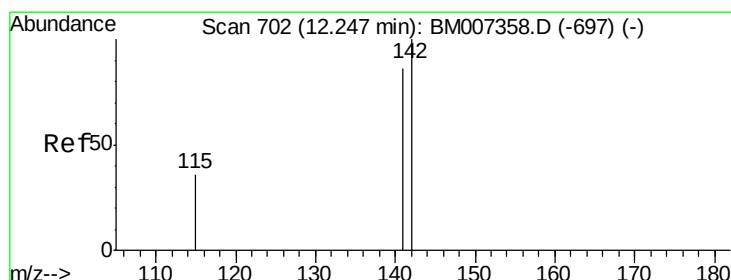
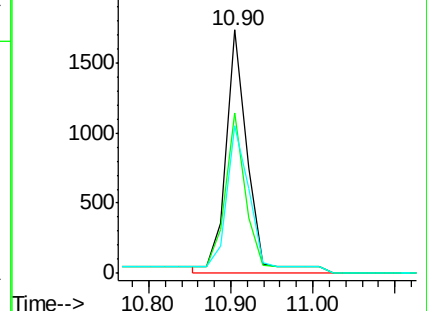
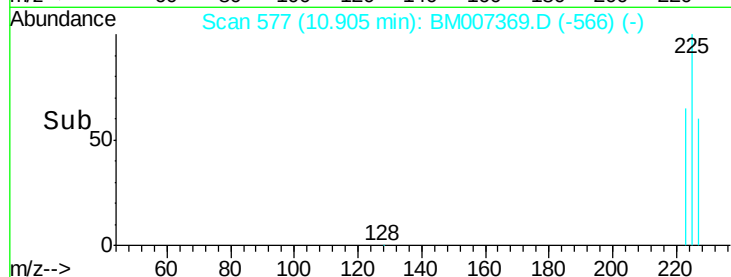
227 68.3 196.2 294.4#



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



#12

2-Methylnaphthalene

Concen: 3.96 ng

RT: 12.23 min Scan# 700

Delta R.T. -0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

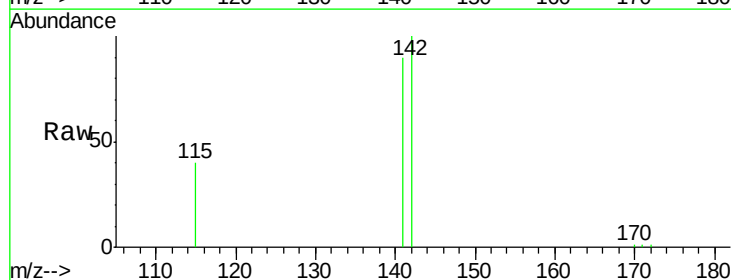
Tgt Ion: 142 Resp: 12319

Ion Ratio Lower Upper

142 100

141 90.0 70.2 105.4

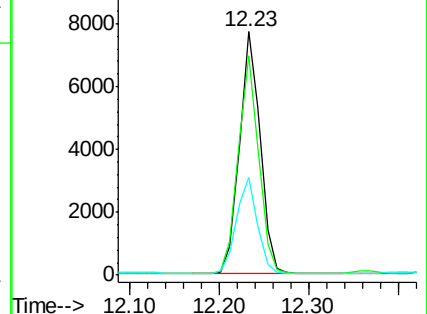
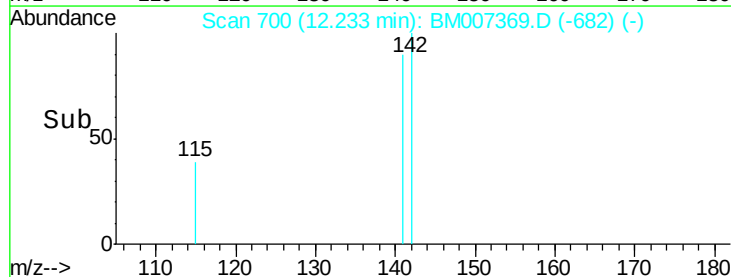
115 40.0 35.7 53.5

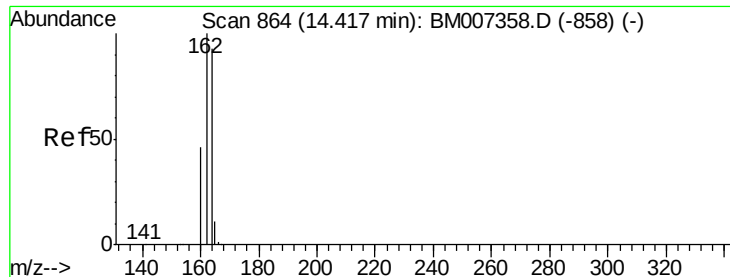


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.42 min Scan# 864

Delta R.T. 0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

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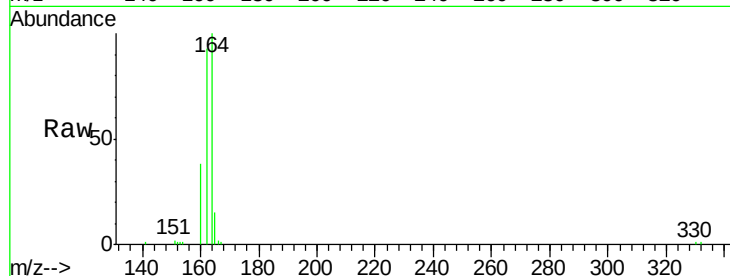
Tgt Ion:164 Resp: 10363

Ion Ratio Lower Upper

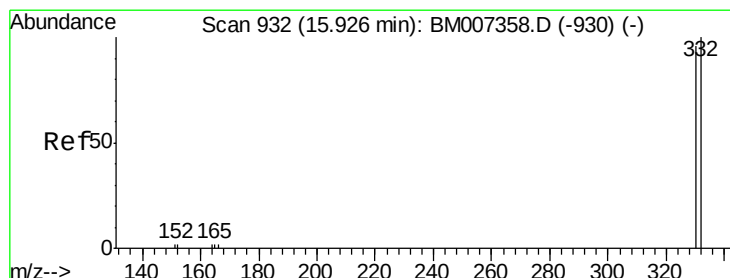
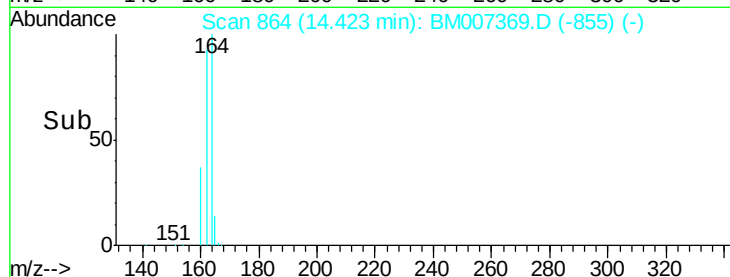
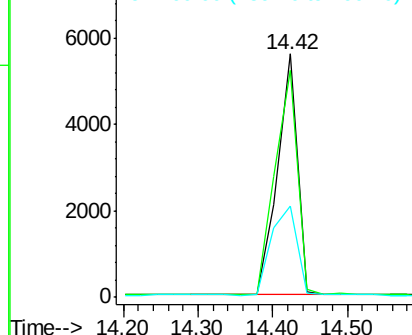
164 100

162 93.1 86.2 129.4

160 37.7 40.5 60.7#



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: 11.45 ng

RT: 15.91 min Scan# 931

Delta R.T. -0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

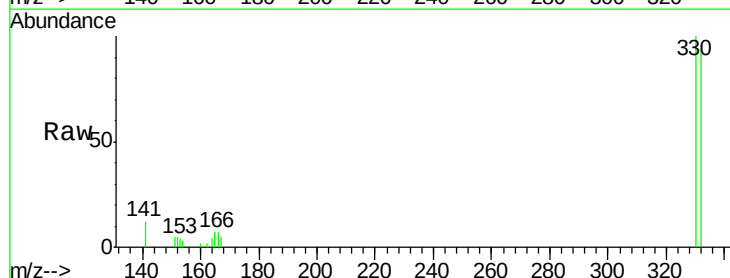
Tgt Ion:330 Resp: 4593

Ion Ratio Lower Upper

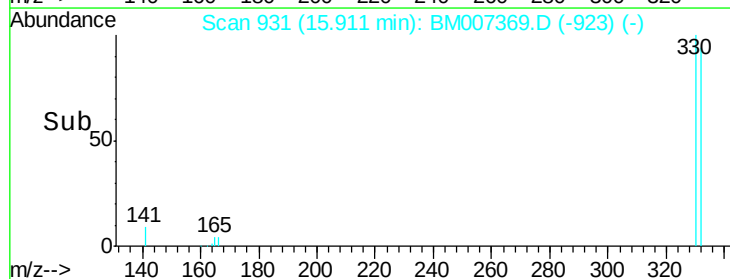
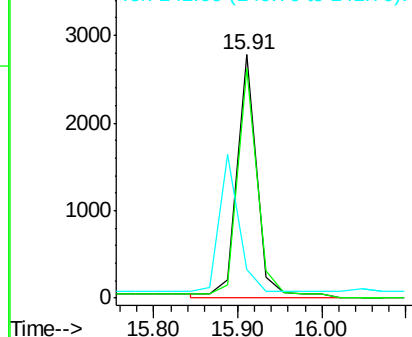
330 100

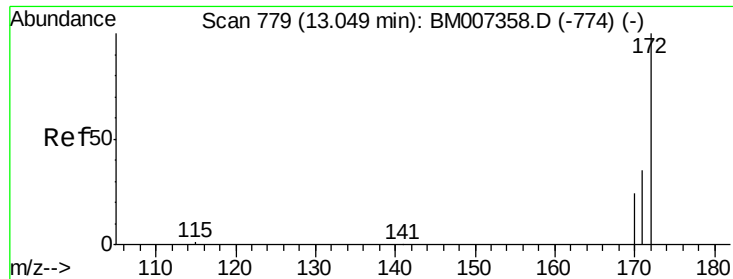
332 95.5 79.2 118.8

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

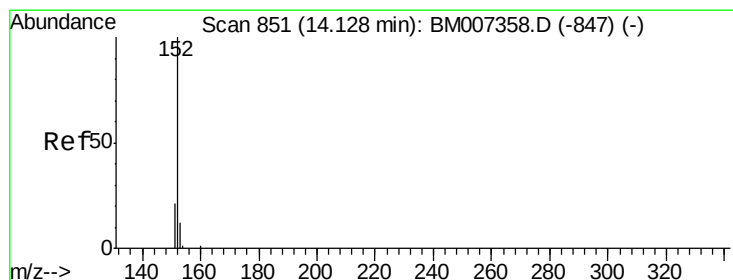
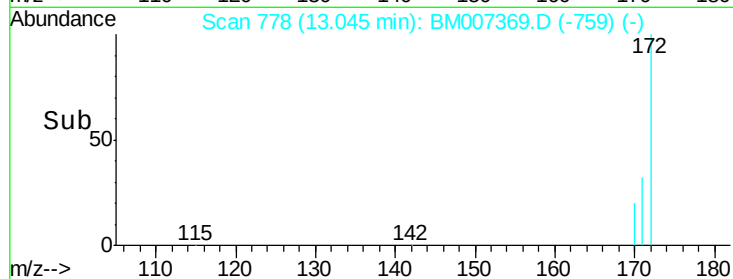
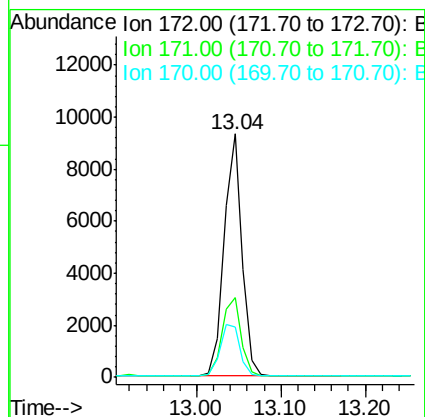
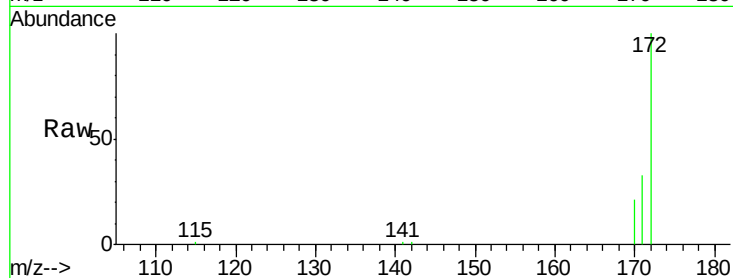




#15
2-Fluorobiphenyl
Concen: 4.31 ng
RT: 13.04 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM007369.D
Acq: 02 Sep 2016 15:36

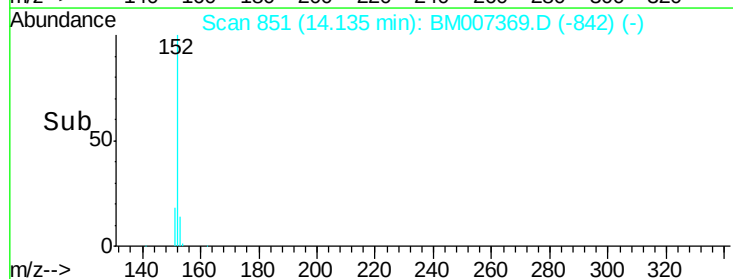
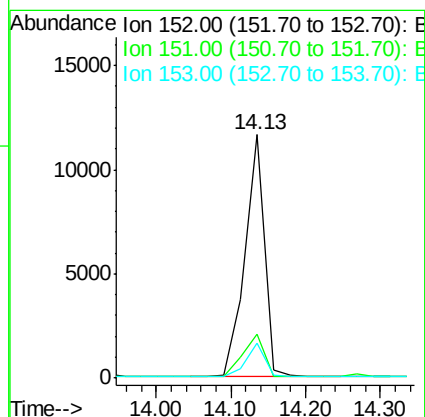
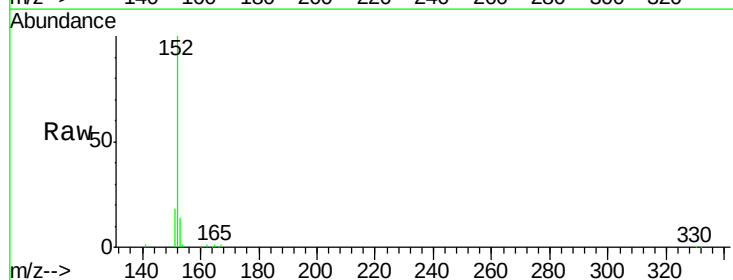
Instrument :
BNA_M
ClientSampleId :
NC-TS-003MS

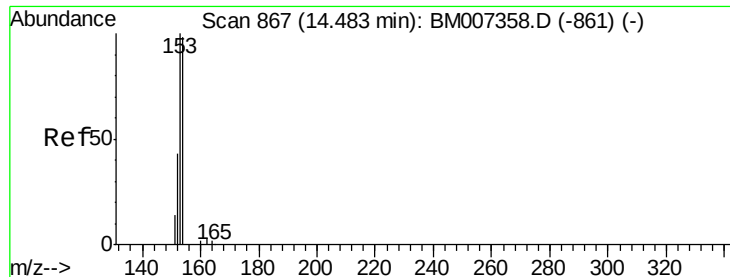
Tgt Ion:172 Resp: 13880
Ion Ratio Lower Upper
172 100
171 32.9 32.2 48.2
170 20.9 23.5 35.3#



#16
Acenaphthylene
Concen: 4.69 ng
RT: 14.13 min Scan# 851
Delta R.T. 0.01 min
Lab File: BM007369.D
Acq: 02 Sep 2016 15:36

Tgt Ion:152 Resp: 21053
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 13.1 10.1 15.1

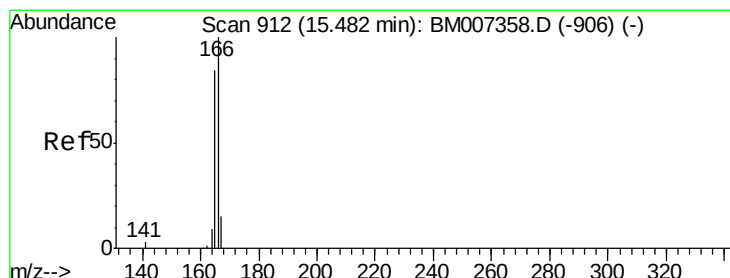
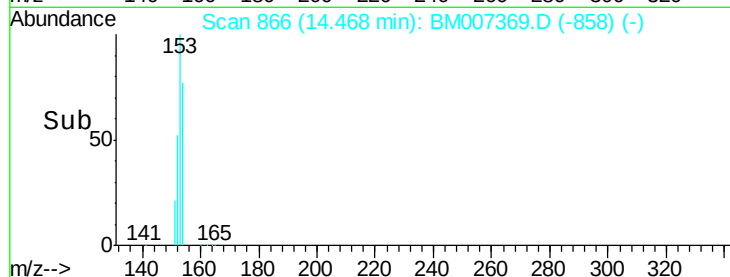
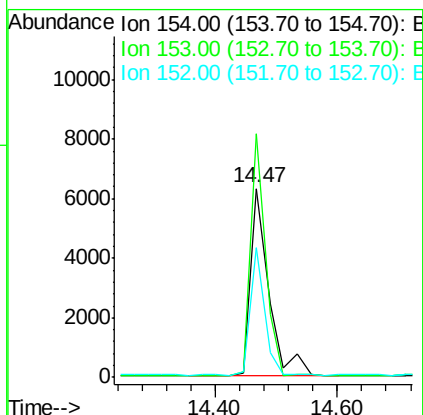
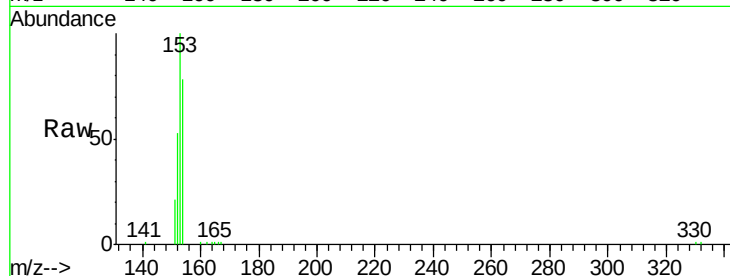




#17
Acenaphthene
Concen: 4.25 ng
RT: 14.47 min Scan# 866
Delta R.T. -0.02 min
Lab File: BM007369.D
Acq: 02 Sep 2016 15:36

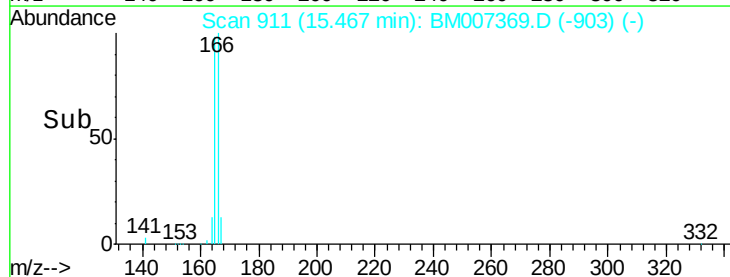
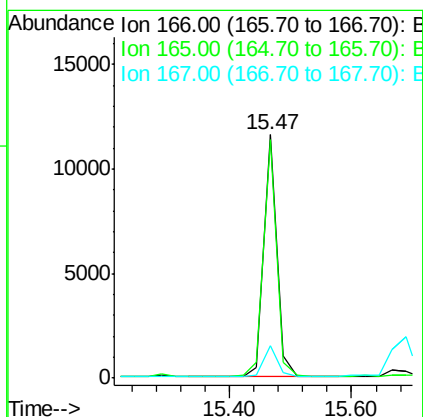
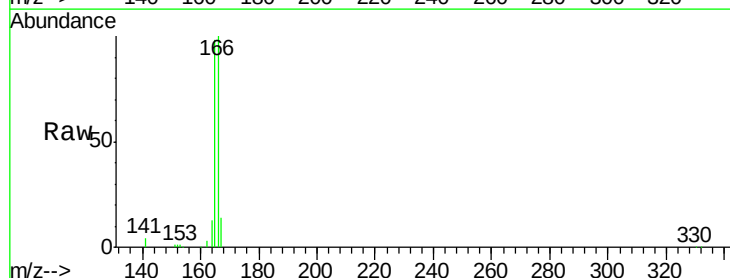
Instrument :
BNA_M
ClientSampleId :
NC-TS-003MS

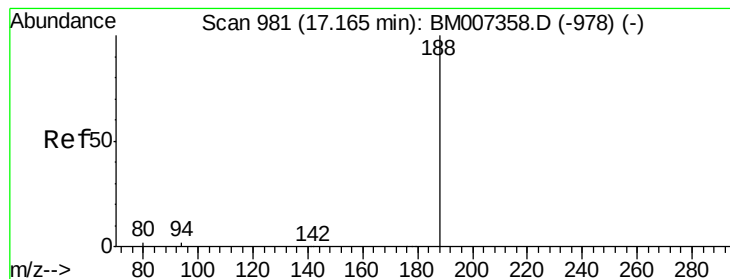
Tgt Ion:154 Resp: 13169
Ion Ratio Lower Upper
154 100
153 105.6 85.1 127.7
152 52.4 40.9 61.3



#18
Fluorene
Concen: 4.81 ng
RT: 15.47 min Scan# 911
Delta R.T. -0.02 min
Lab File: BM007369.D
Acq: 02 Sep 2016 15:36

Tgt Ion:166 Resp: 17528
Ion Ratio Lower Upper
166 100
165 98.2 78.8 118.2
167 13.2 10.8 16.2





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.15 min Scan# 980

Delta R.T. -0.02 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

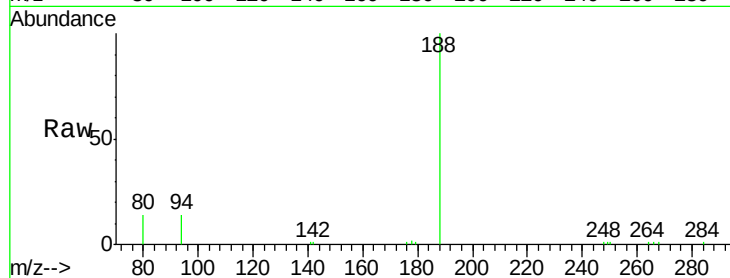
Tgt Ion:188 Resp: 20876

Ion Ratio Lower Upper

188 100

94 14.1 2.0 3.0#

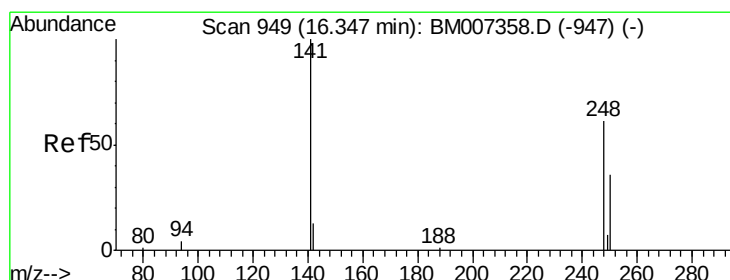
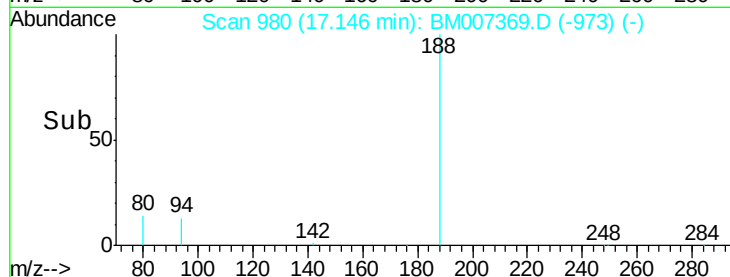
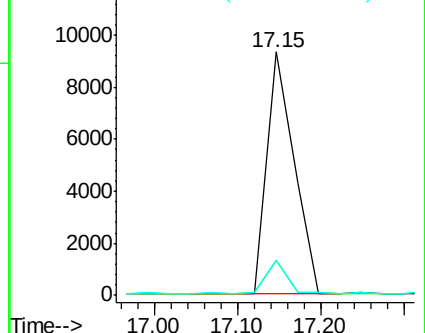
80 14.4 1.6 2.4#



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



#20

4-Bromophenyl-phenylether

Concen: 5.47 ng

RT: 16.35 min Scan# 949

Delta R.T. 0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

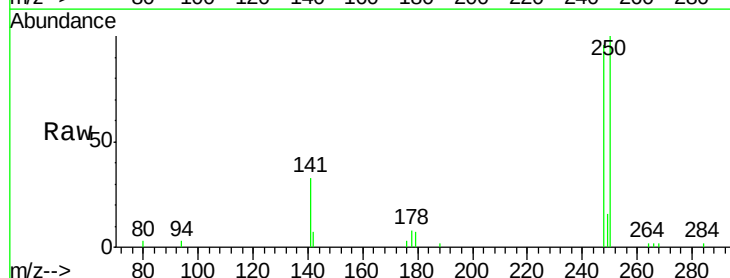
Tgt Ion:248 Resp: 4614

Ion Ratio Lower Upper

248 100

250 102.7 0.0 0.0#

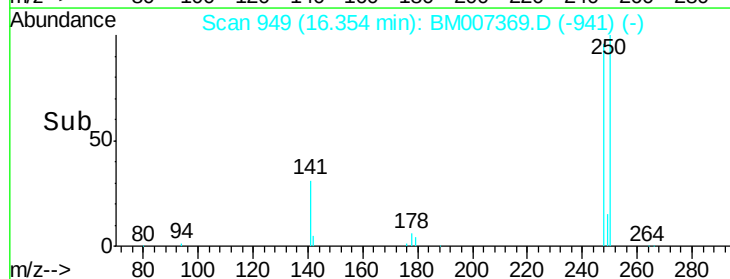
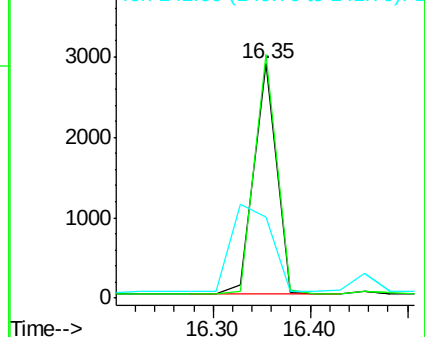
141 0.0 98.2 147.4#

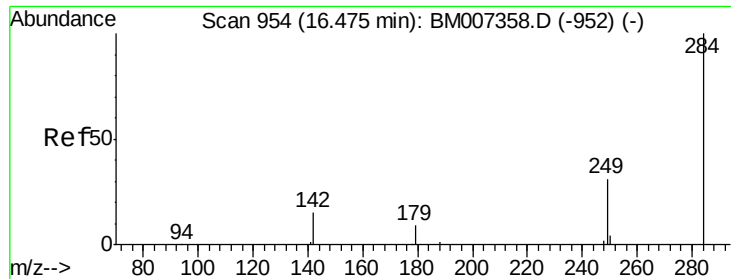


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

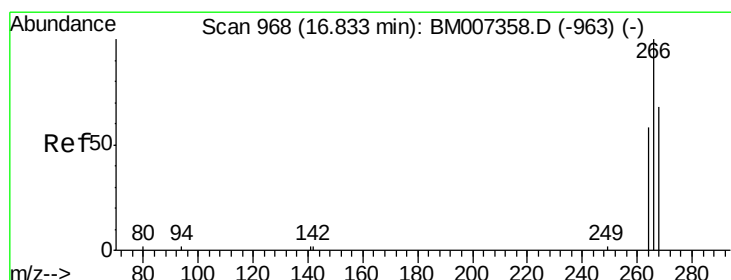
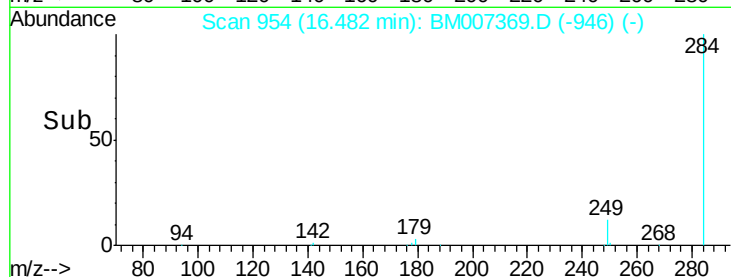
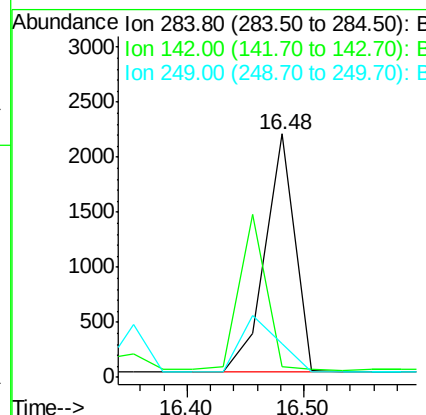
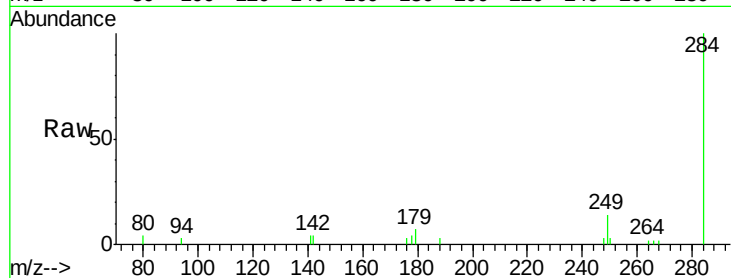




#21
Hexachlorobenzene
Concen: 3.63 ng
RT: 16.48 min Scan# 954
Delta R.T. 0.01 min
Lab File: BM007369.D
Acq: 02 Sep 2016 15:36

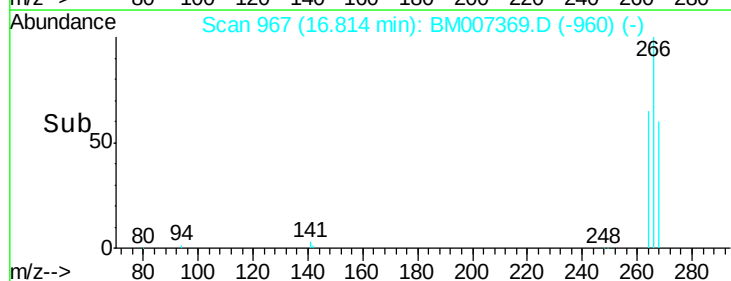
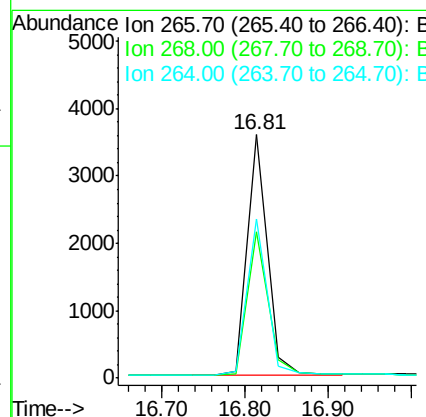
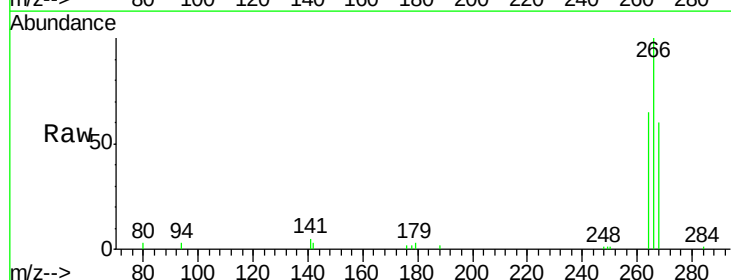
Instrument :
BNA_M
ClientSampleId :
NC-TS-003MS

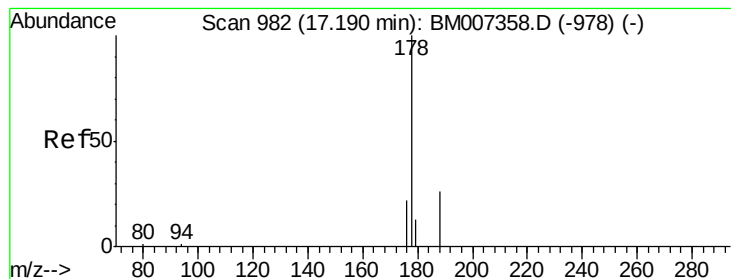
Tgt Ion: 284 Resp: 3882
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 26.6 40.0#



#22
Pentachlorophenol
Concen: 18.48 ng
RT: 16.81 min Scan# 967
Delta R.T. -0.02 min
Lab File: BM007369.D
Acq: 02 Sep 2016 15:36

Tgt Ion: 266 Resp: 6080
Ion Ratio Lower Upper
266 100
268 60.3 66.4 99.6#
264 65.2 61.6 92.4





#23

Phenanthrene

Concen: 9.08 ng

RT: 17.20 min Scan# 982

Delta R.T. 0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

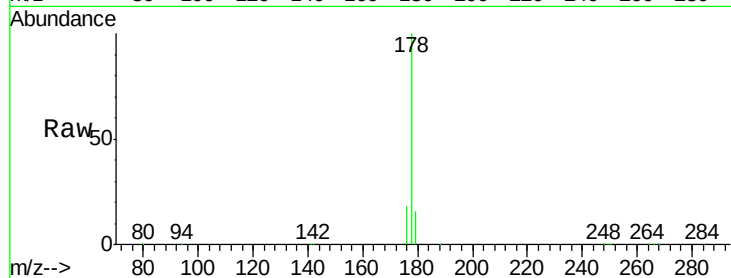
Tgt Ion:178 Resp: 48379

Ion Ratio Lower Upper

178 100

176 18.7 16.6 24.8

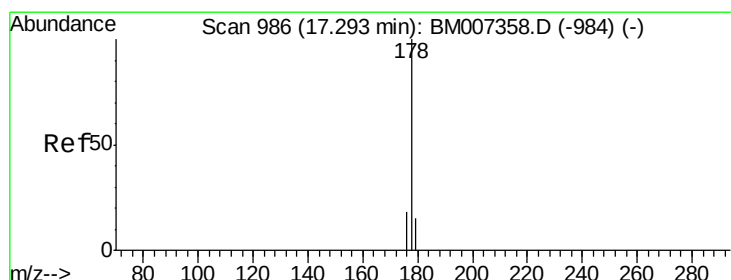
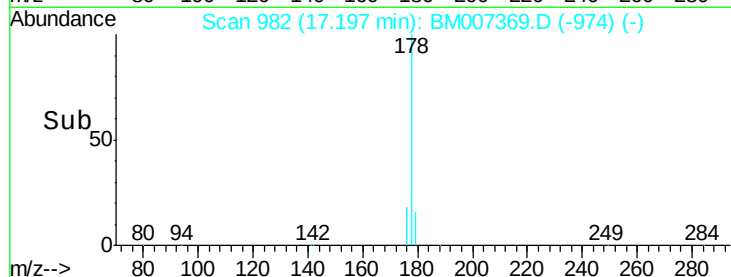
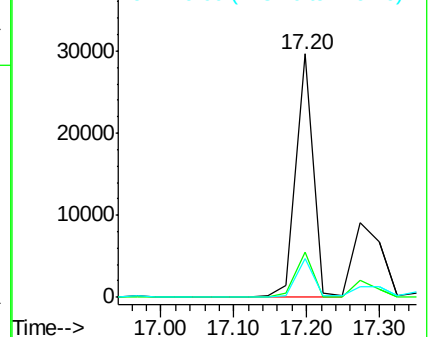
179 16.0 12.5 18.7



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: 9.01 ng

RT: 17.20 min Scan# 982

Delta R.T. -0.10 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

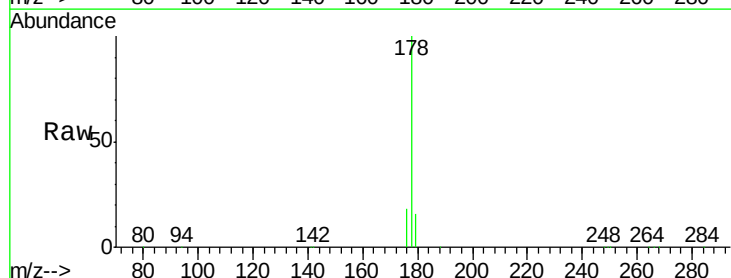
Tgt Ion:178 Resp: 48262

Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

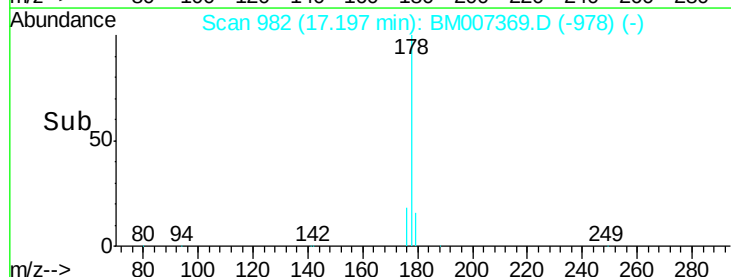
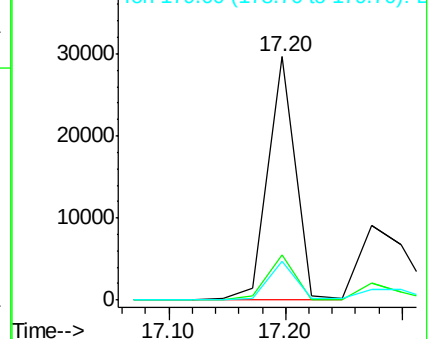
179 15.9 12.2 18.2

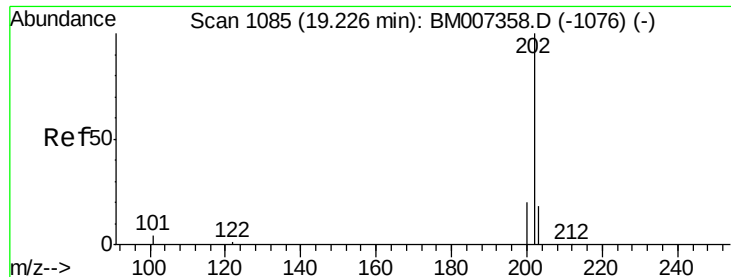


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 10.16 ng

RT: 19.22 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

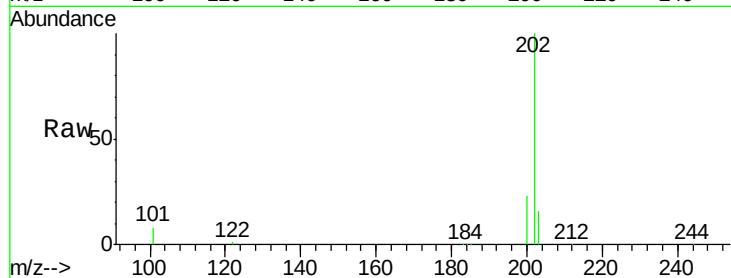
Tgt Ion:202 Resp: 63730

Ion Ratio Lower Upper

202 100

101 8.4 6.5 9.7

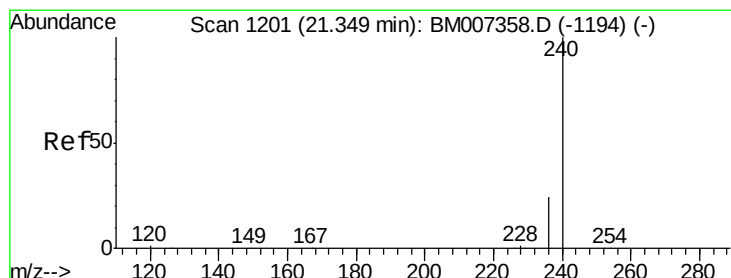
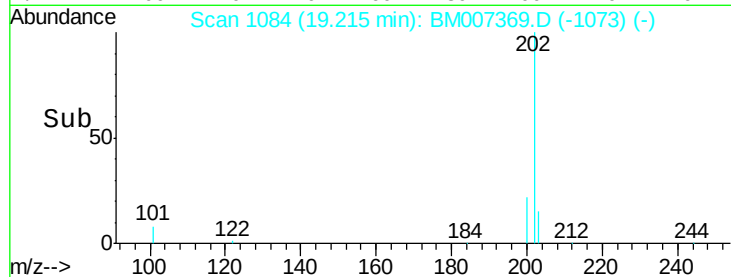
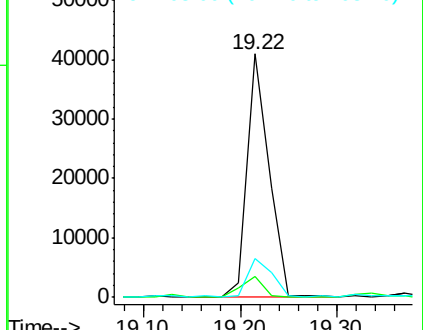
203 17.3 14.2 21.2



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: 21.34 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

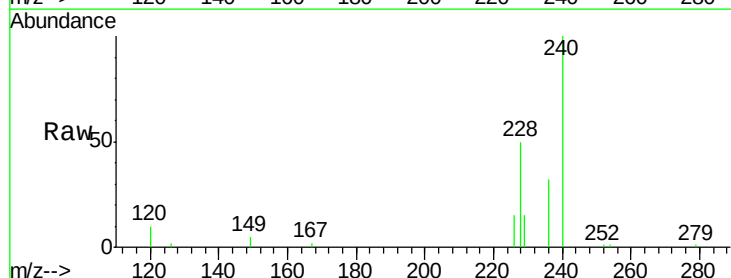
Tgt Ion:240 Resp: 16343

Ion Ratio Lower Upper

240 100

120 10.4 1.3 1.9#

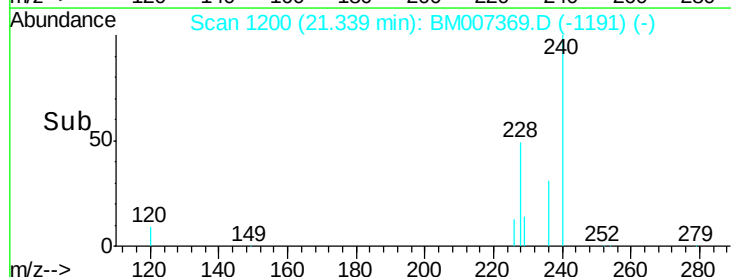
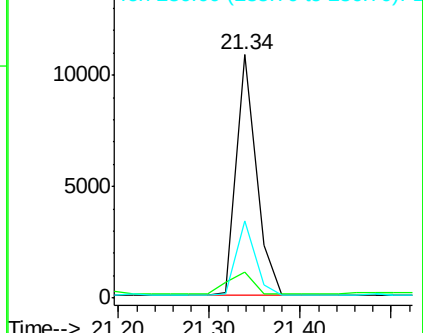
236 31.8 19.1 28.7#

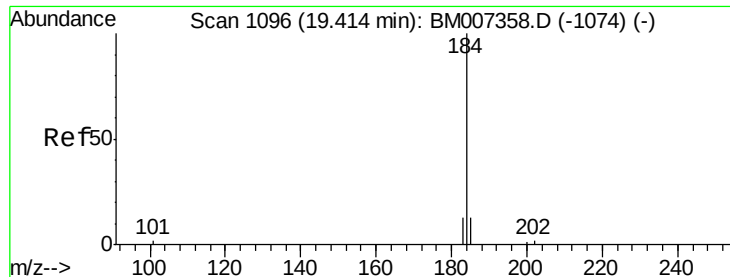


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.03 ng

RT: 19.34 min Scan# 1091

Delta R.T. -0.08 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

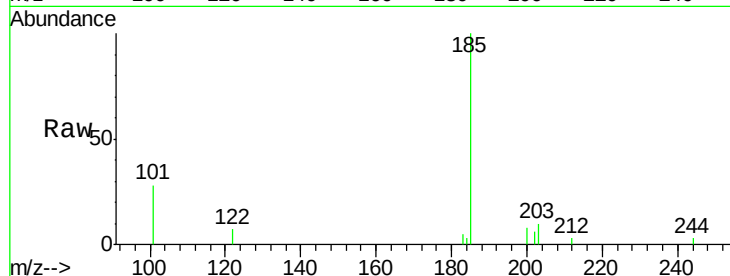
Tgt Ion:184 Resp: 33

Ion Ratio Lower Upper

184 100

185 2860.4 29.8 44.8#

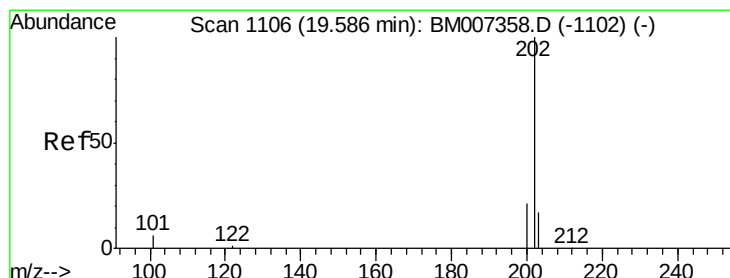
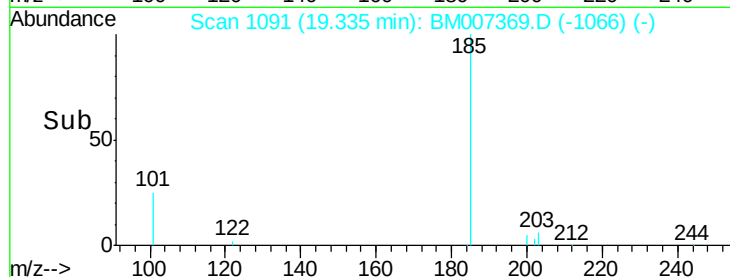
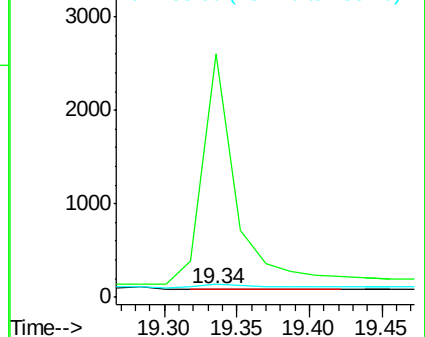
183 151.6 29.8 44.8#



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: 12.67 ng

RT: 19.58 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

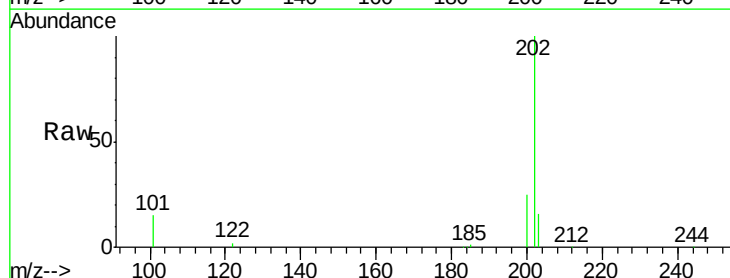
Tgt Ion:202 Resp: 59014

Ion Ratio Lower Upper

202 100

200 21.0 16.6 25.0

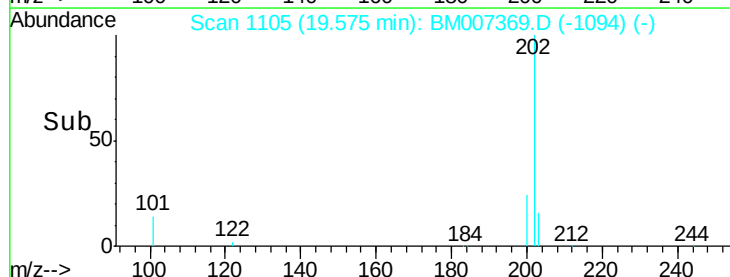
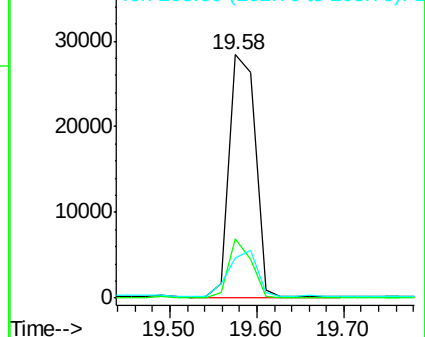
203 21.5 13.8 20.8#

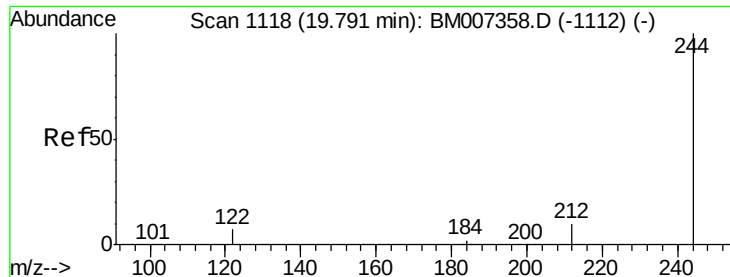


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 4.60 ng

RT: 19.80 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

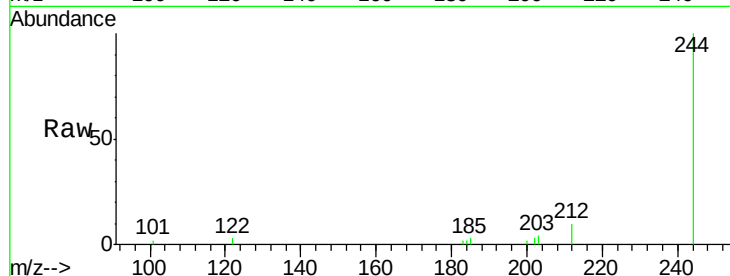
Tgt Ion:244 Resp: 10084

Ion Ratio Lower Upper

244 100

212 9.7 12.2 18.4#

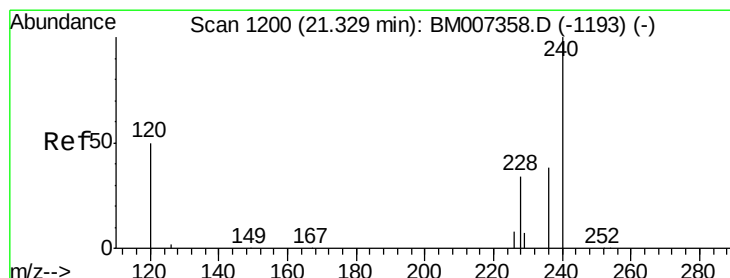
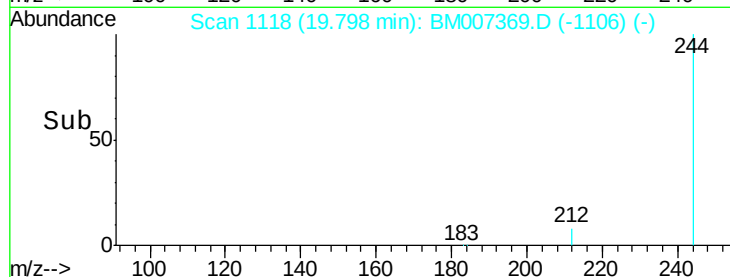
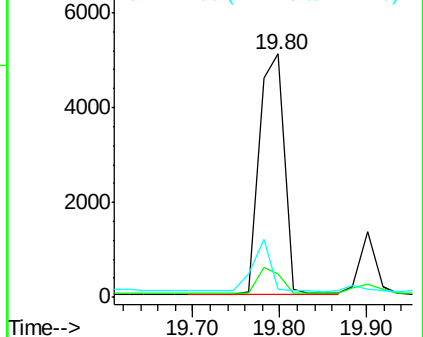
122 3.3 9.6 14.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 8.80 ng

RT: 21.32 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

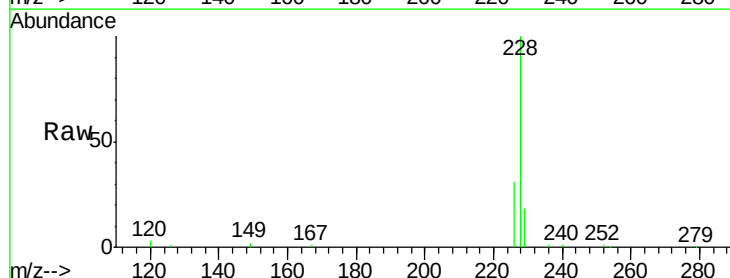
Tgt Ion:228 Resp: 41588

Ion Ratio Lower Upper

228 100

226 30.6 20.4 30.6#

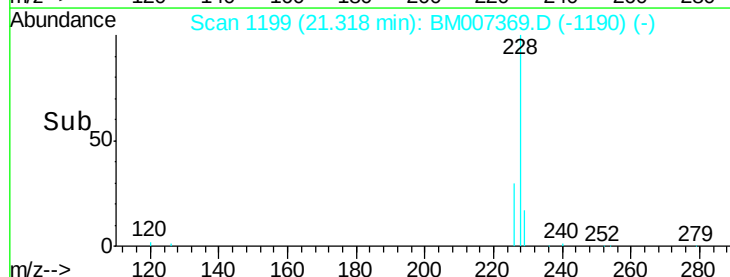
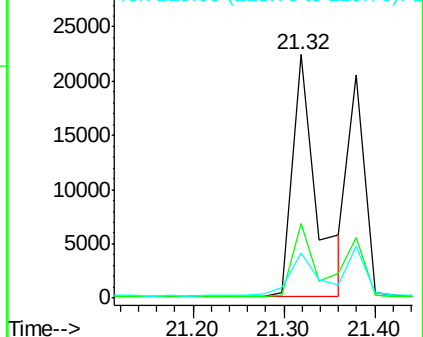
229 18.4 19.0 28.4#

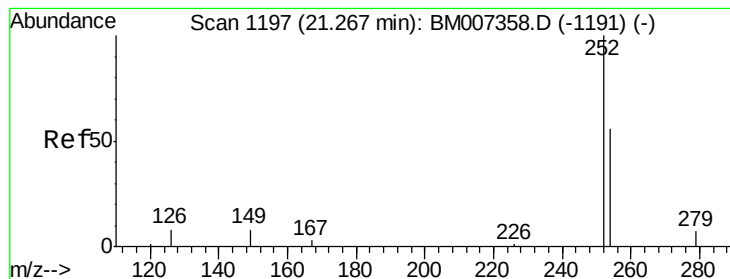


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#31

3,3'-Dichlorobenzidine

Concen: 0.31 ng

RT: 21.28 min Scan# 1197

Delta R.T. 0.01 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

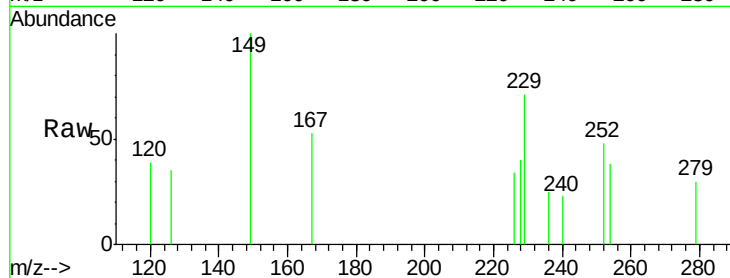
Tgt Ion: 252 Resp: 402

Ion Ratio Lower Upper

252 100

254 79.3 49.4 74.0#

126 72.6 16.3 24.5#

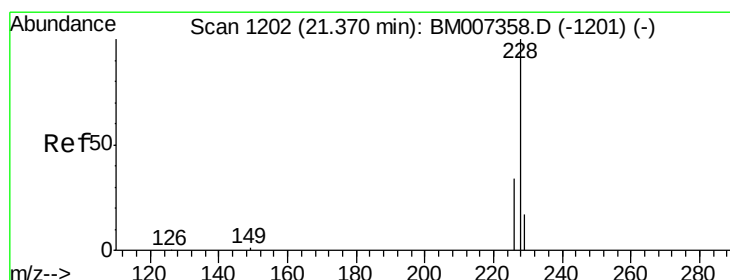
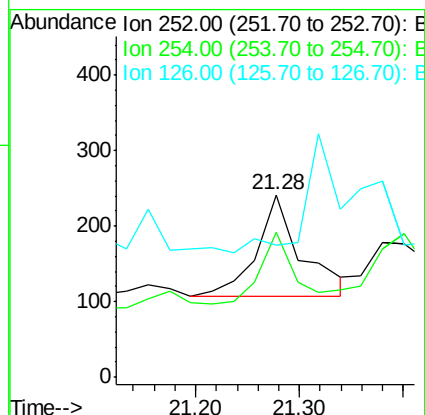
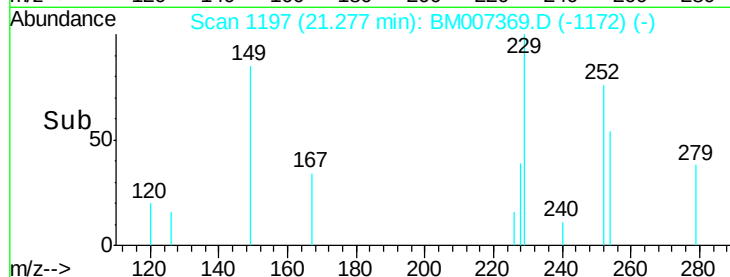


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

Time-->



#32

Chrysene

Concen: 9.04 ng

RT: 21.32 min Scan# 1199

Delta R.T. -0.05 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

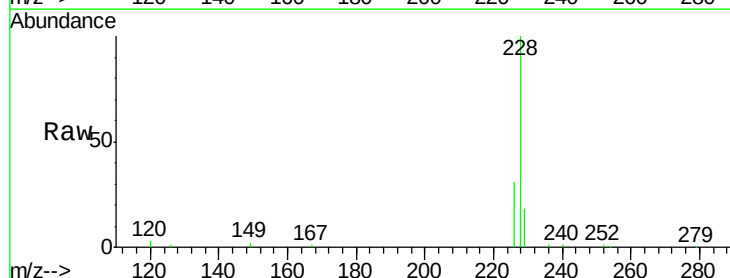
Tgt Ion: 228 Resp: 41588

Ion Ratio Lower Upper

228 100

226 30.6 28.3 42.5

229 18.4 15.7 23.5

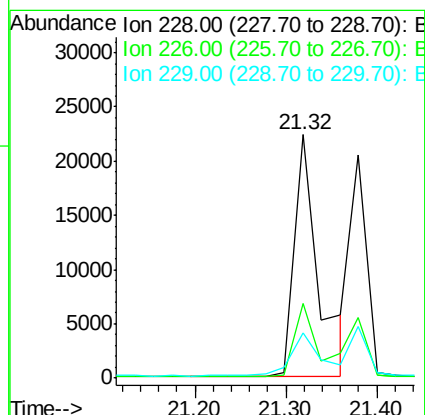
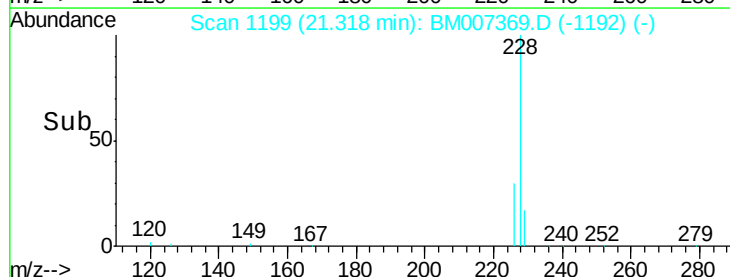


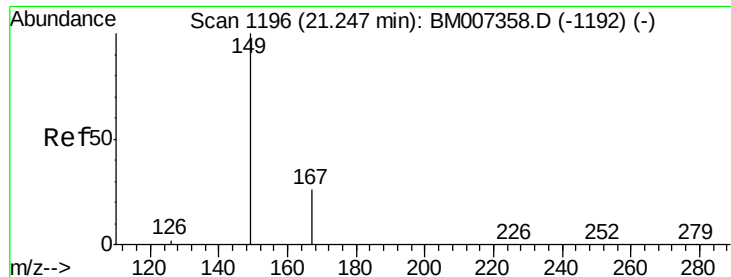
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->

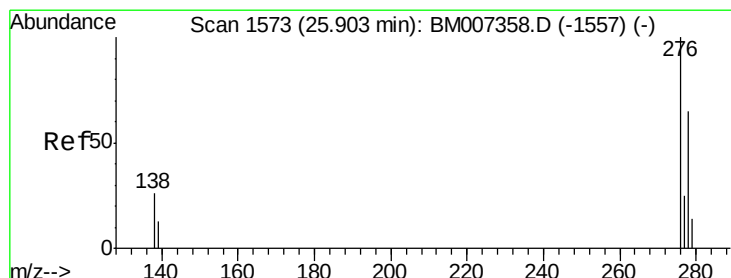
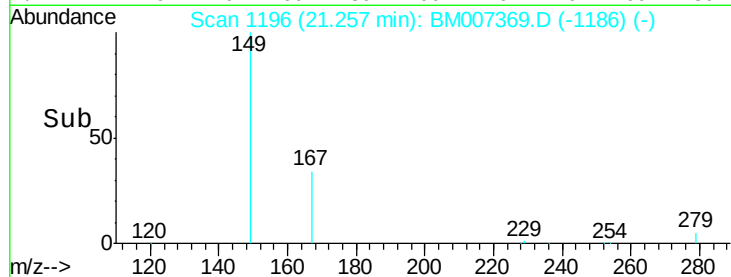
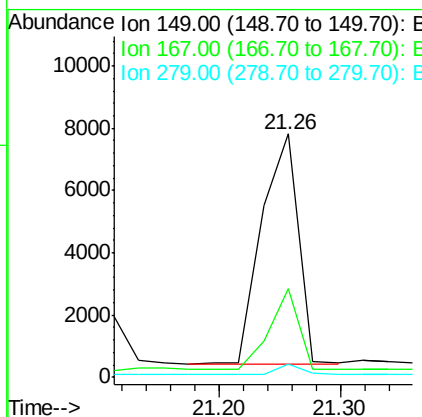
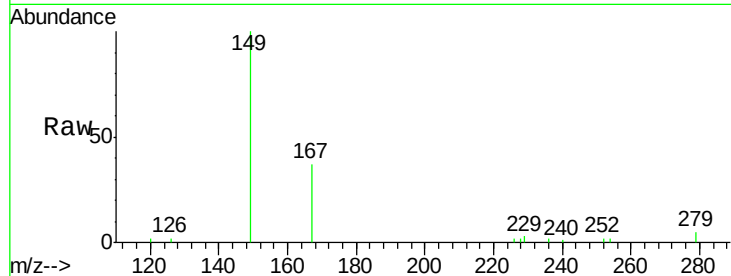




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 6.30 ng
 RT: 21.26 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BM007369.D
 Acq: 02 Sep 2016 15:36

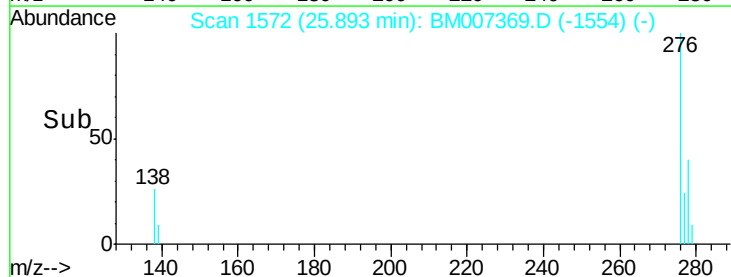
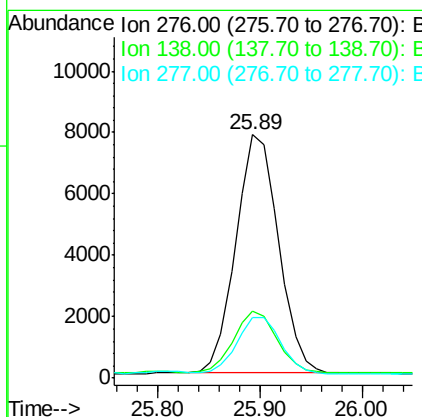
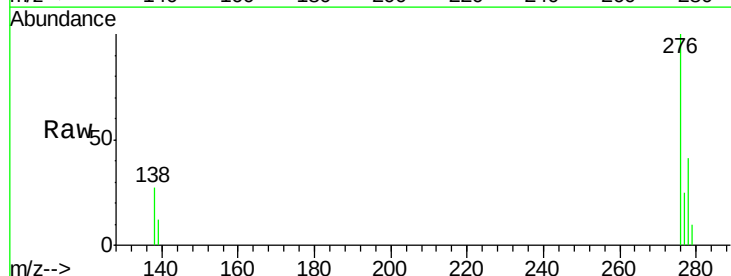
Instrument :
 BNA_M
 ClientSampleId :
 NC-TS-003MS

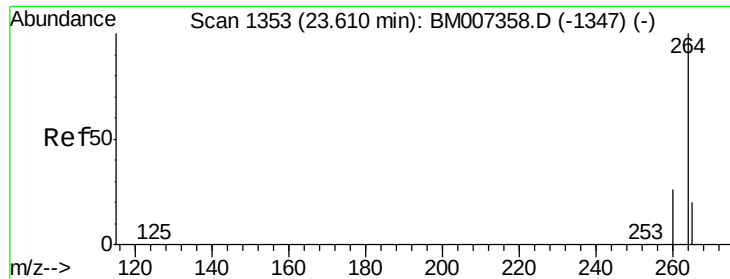
Tgt Ion: 149 Resp: 15513
 Ion Ratio Lower Upper
 149 100
 167 28.4 21.0 31.4
 279 3.4 0.0 0.0#



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 5.59 ng
 RT: 25.89 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BM007369.D
 Acq: 02 Sep 2016 15:36

Tgt Ion: 276 Resp: 22616
 Ion Ratio Lower Upper
 276 100
 138 25.8 21.0 31.4
 277 24.5 19.7 29.5





#35

Perylene-d12

Concen: 5.00 ng

RT: 23.61 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

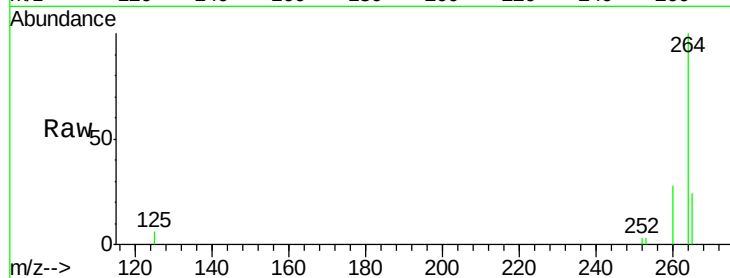
Tgt Ion:264 Resp: 13727

Ion Ratio Lower Upper

264 100

260 27.7 21.2 31.8

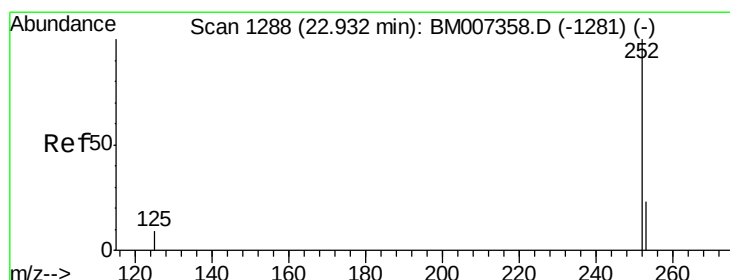
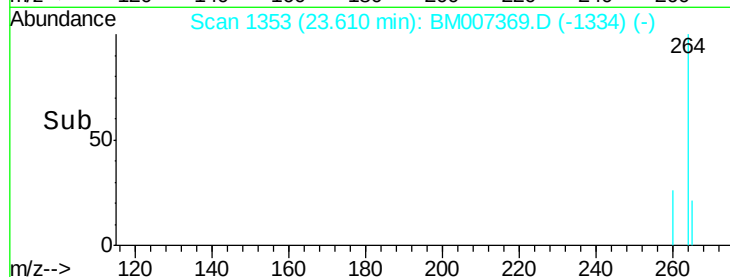
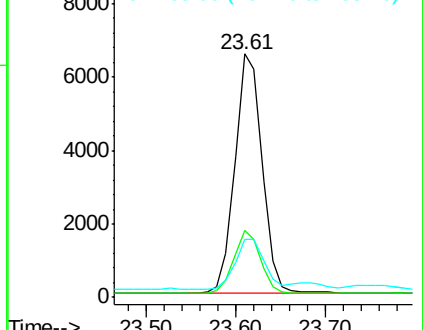
265 23.7 17.1 25.7



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



#36

Benzo(b)fluoranthene

Concen: 8.02 ng

RT: 22.93 min Scan# 1288

Delta R.T. 0.00 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

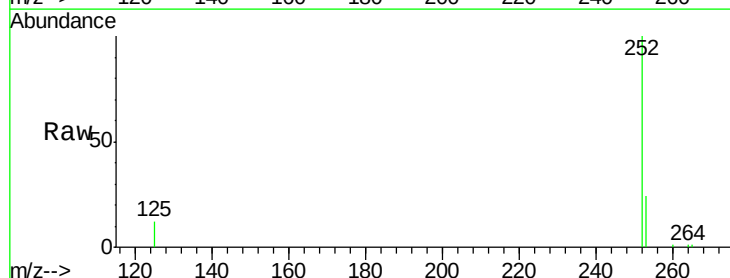
Tgt Ion:252 Resp: 34329

Ion Ratio Lower Upper

252 100

253 24.3 21.4 32.2

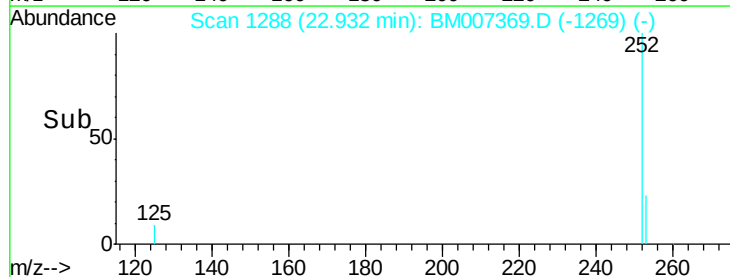
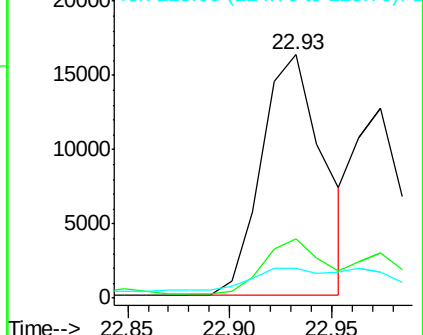
125 12.1 10.5 15.7

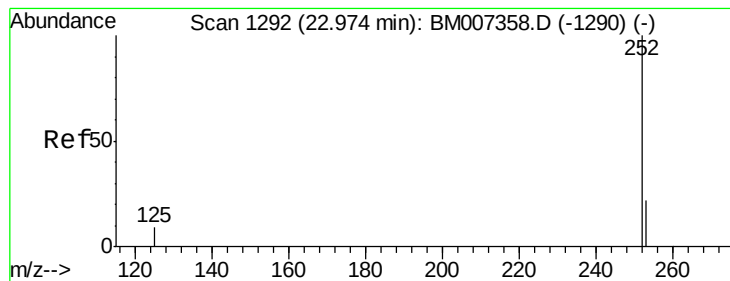


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#37

Benzo(k)fluoranthene

Concen: 5.03 ng

RT: 22.97 min Scan# 1292

Delta R.T. 0.00 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

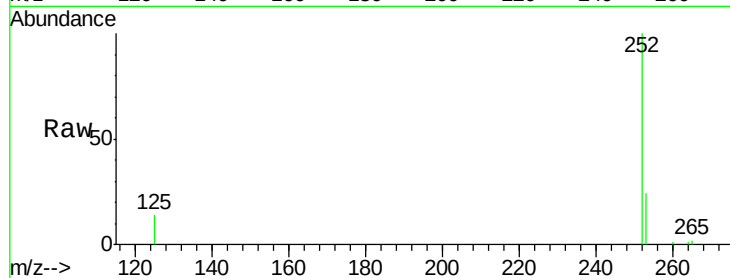
Tgt Ion: 252 Resp: 19853

Ion Ratio Lower Upper

252 100

253 23.9 20.6 30.8

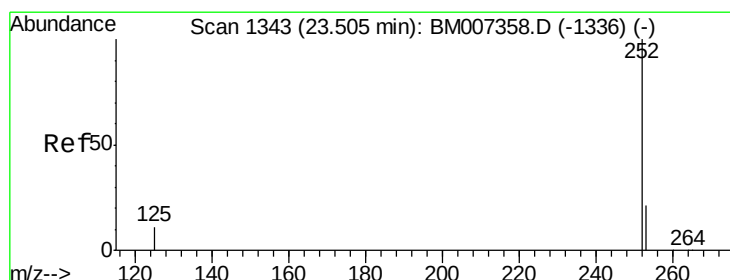
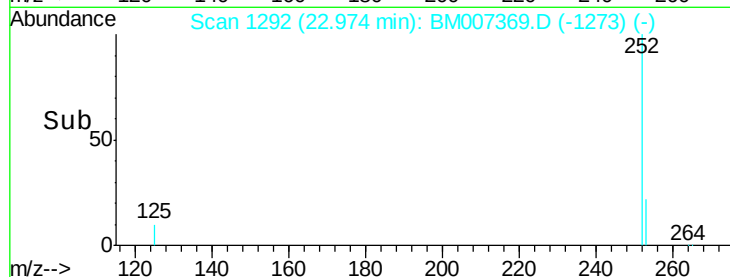
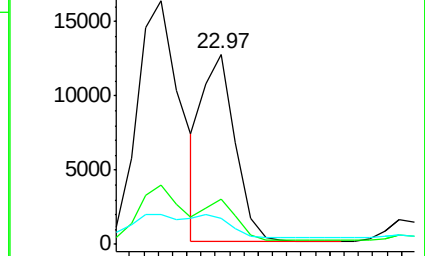
125 14.0 10.7 16.1



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: 7.01 ng

RT: 23.51 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

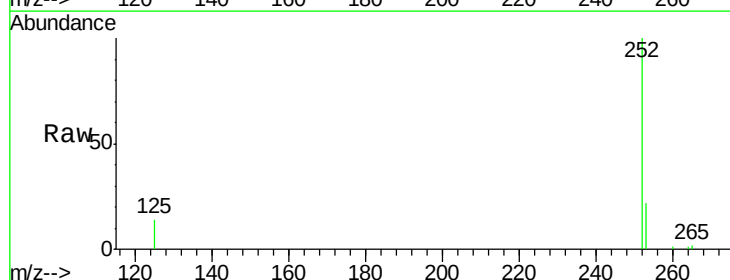
Tgt Ion: 252 Resp: 26646

Ion Ratio Lower Upper

252 100

253 22.1 20.6 31.0

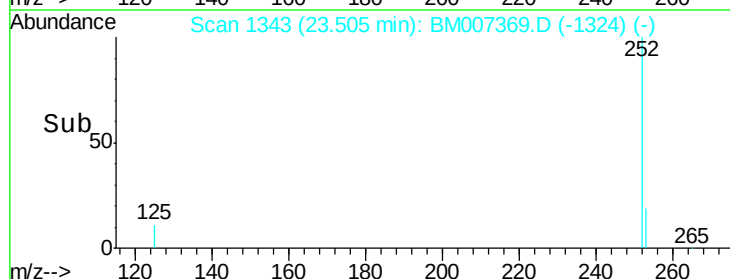
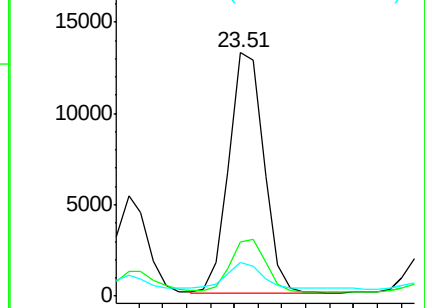
125 13.8 13.0 19.4

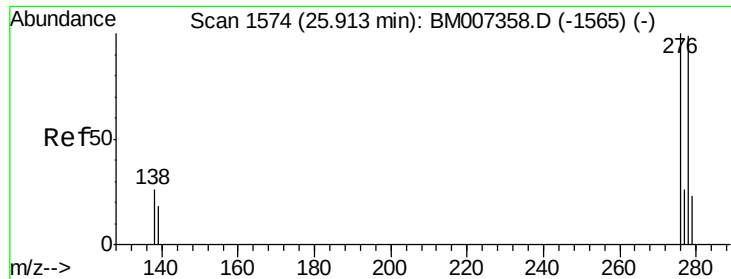


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 4.39 ng

RT: 25.91 min Scan# 1574

Delta R.T. 0.00 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

Instrument :

BNA_M

ClientSampleId :

NC-TS-003MS

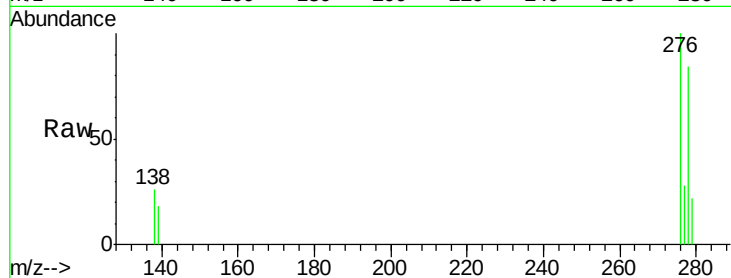
Tgt Ion: 278 Resp: 13554

Ion Ratio Lower Upper

278 100

139 21.9 20.4 30.6

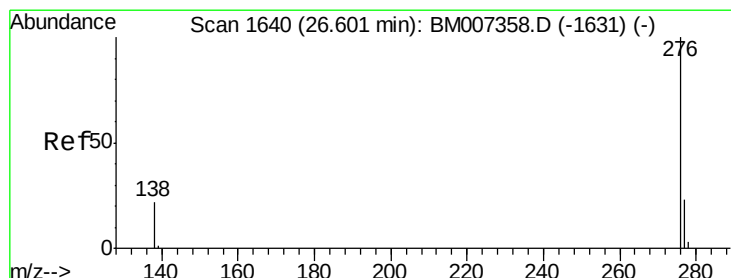
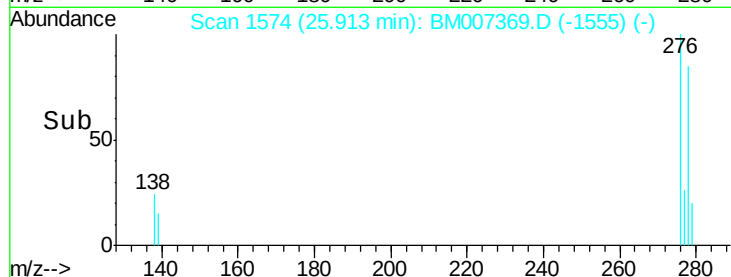
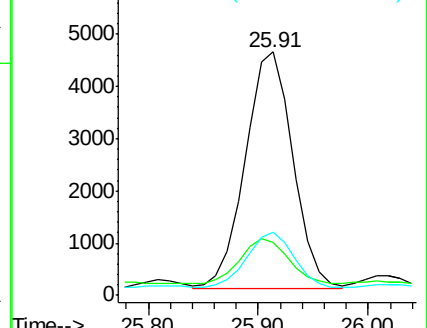
279 25.7 24.2 36.4



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: 6.49 ng

RT: 26.60 min Scan# 1640

Delta R.T. 0.00 min

Lab File: BM007369.D

Acq: 02 Sep 2016 15:36

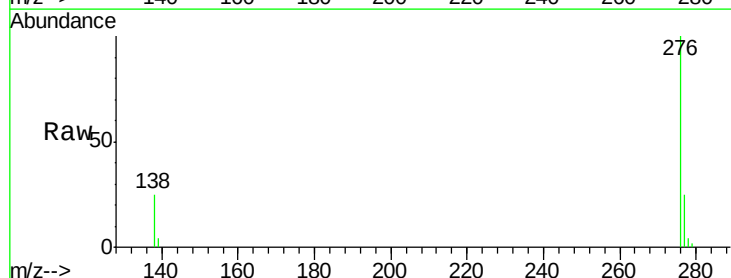
Tgt Ion: 276 Resp: 20771

Ion Ratio Lower Upper

276 100

277 24.9 24.2 36.2

138 24.6 23.1 34.7



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

