

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111615\
 Data File : BM003139.D
 Acq On : 16 Nov 2015 12:42
 Operator : UM/IZ
 Sample : SSTDC001
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 16 18:34:32 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 10:29:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	90295	5.00	ng	0.00
7) Naphthalene-d8	10.53	136	370290	5.00	ng	-0.01
13) Acenaphthene-d10	14.39	164	173113	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	303366	5.00	ng	-0.03
26) Chrysene-d12	21.33	240	296105	5.00	ng	-0.01
35) Perylene-d12	23.59	264	224654	5.00	ng	-0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	16910	0.88	ng	-0.02
5) Phenol-d6	6.90	99	20312	0.91	ng	-0.02
8) Nitrobenzene-d5	8.90	82	16163	0.95	ng	-0.02
14) 2,4,6-Tribromophenol	15.88	330	4319	0.96	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	56686	1.04	ng	-0.02
29) Terphenyl-d14	19.77	244	39408	0.92	ng	0.00

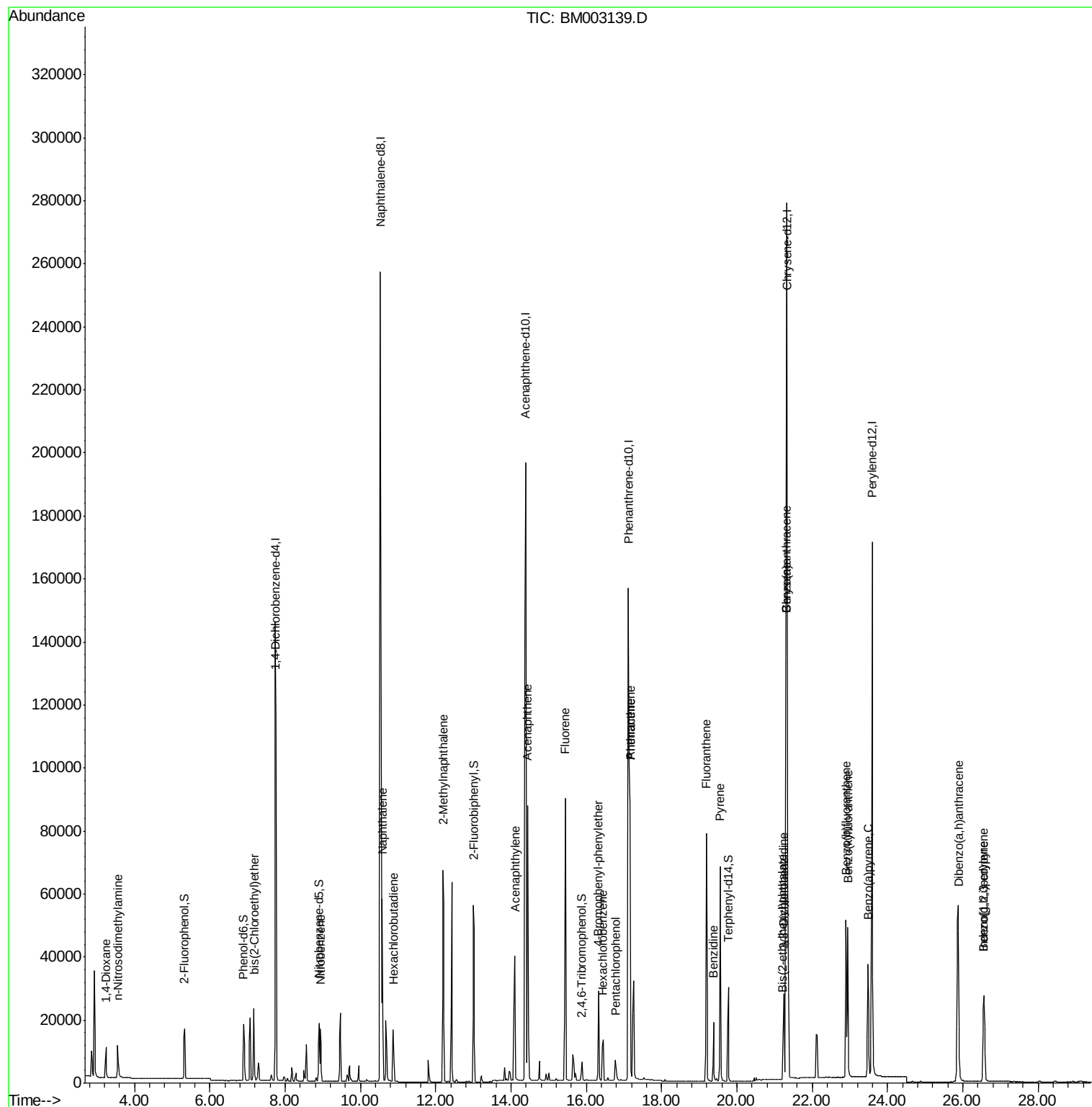
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	7993	0.96	ng	97
3) n-Nitrosodimethylamine	3.55	42	7918	0.93	ng	96
6) bis(2-Chloroethyl)ether	7.17	93	20803	0.97	ng	99
9) Nitrobenzene	8.94	77	17542	0.95	ng	99
10) Naphthalene	10.58	128	77527	0.97	ng	98
11) Hexachlorobutadiene	10.87	225	12019	0.98	ng	99
12) 2-Methylnaphthalene	12.19	142	50541	0.98	ng	97
16) Acenaphthylene	14.11	152	64532	0.96	ng	100
17) Acenaphthene	14.44	154	48541	1.05	ng	# 100
18) Fluorene	15.44	166	58734	1.19	ng	97
20) 4-Bromophenyl-phenylether	16.32	248	17128	1.82	ng	# 80
21) Hexachlorobenzene	16.45	284	17302	1.30	ng	# 51
22) Pentachlorophenol	16.78	266	5061	1.22	ng	95
23) Phenanthrene	17.16	178	103823	1.80	ng	98
24) Anthracene	17.16	178	103825	1.61	ng	98
25) Fluoranthene	19.19	202	78403	1.25	ng	99
27) Benzidine	19.38	184	23107	1.01	ng	99
28) Pyrene	19.55	202	82209	0.96	ng	100
30) Benzo(a)anthracene	21.31	228	138343	1.83	ng	94
31) 3,3'-Dichlorobenzidine	21.25	252	17318	0.93	ng	# 91
32) Chrysene	21.31	228	138605	1.91	ng	# 91
33) Bis(2-ethylhexyl)phthalate	21.23	149	19474	0.72	ng	# 51
34) Indeno(1,2,3-cd)pyrene	26.56	276	55172	0.91	ng	98
36) Benzo(b)fluoranthene	22.90	252	62300	0.91	ng	99
37) Benzo(k)fluoranthene	22.95	252	58919	0.95	ng	100
38) Benzo(a)pyrene	23.49	252	51836	0.90	ng	99
39) Dibenzo(a,h)anthracene	25.89	278	52964	0.94	ng	98
40) Benzo(g,h,i)perylene	26.56	276	55172	0.91	ng	97

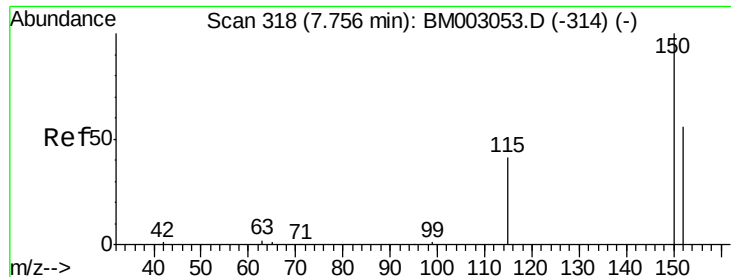
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111615\
Data File : BM003139.D
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Sample : SSTDCCC001
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Nov 16 18:34:32 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 10:29:18 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.76 min Scan# 318

Delta R.T. 0.00 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampled :

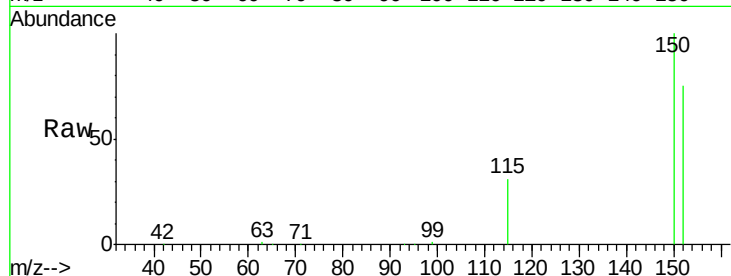
Tot Ion:152 Resp: 90295

Ion Ratio Lower Upper

152 100

150 134.2 143.6 215.4#

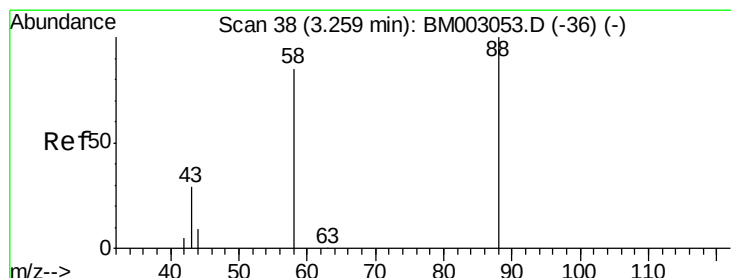
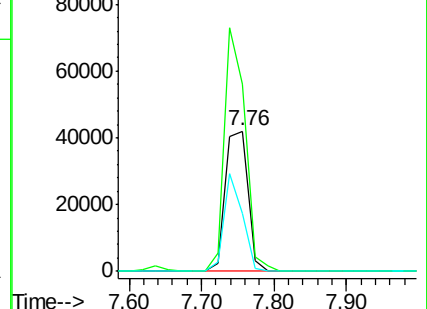
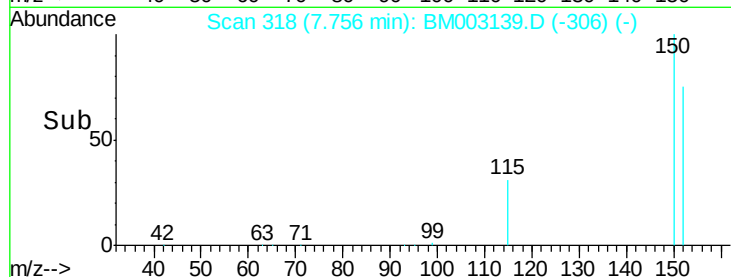
115 41.7 58.5 87.7#



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: 0.96 ng

RT: 3.24 min Scan# 37

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

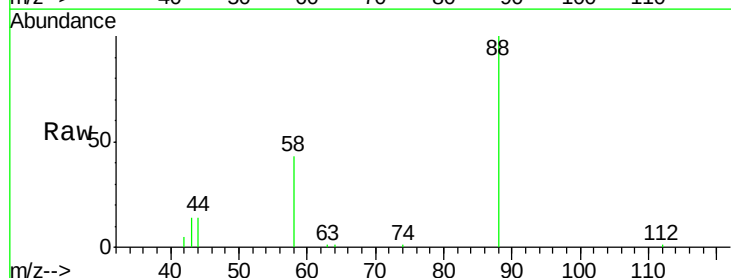
Tgt Ion: 88 Resp: 7993

Ion Ratio Lower Upper

88 100

58 66.7 55.2 82.8

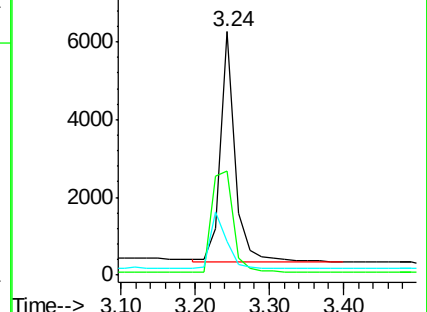
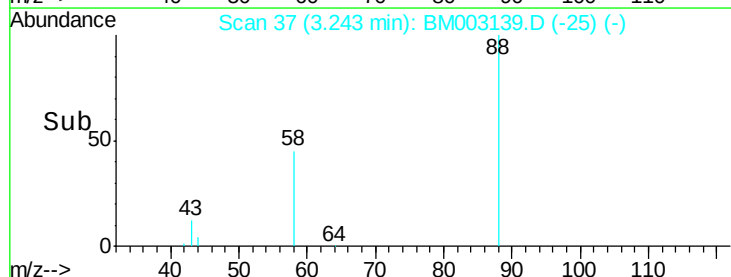
43 28.4 21.8 32.6

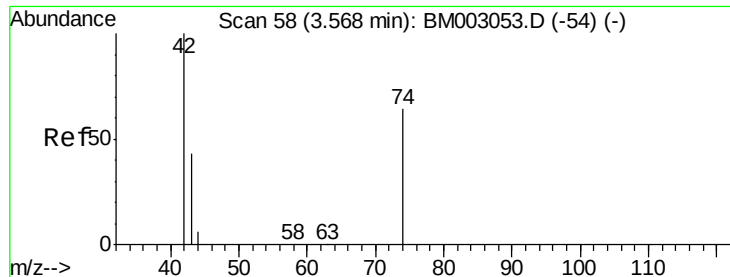


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.93 ng

RT: 3.55 min Scan# 57

Delta R.T. -0.02 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :

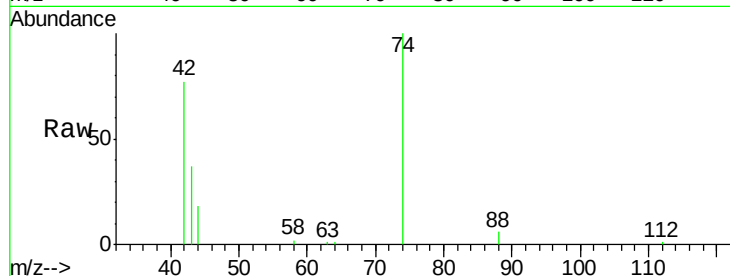
Tot Ion: 42 Resp: 7918

Ion Ratio Lower Upper

42 100

74 130.6 101.0 151.4

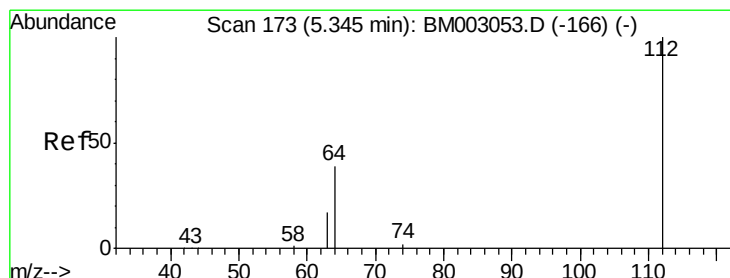
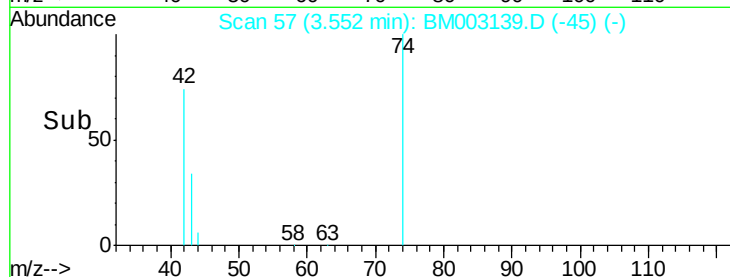
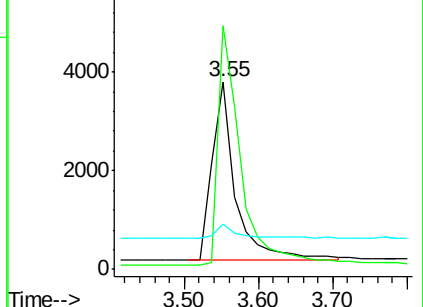
44 7.8 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003139.D (-54) (-)

Ion 74.00 (73.70 to 74.70): BM003139.D (-54) (-)

Ion 44.00 (43.70 to 44.70): BM003139.D (-54) (-)



#4

2-Fluorophenol

Concen: 0.88 ng

RT: 5.33 min Scan# 172

Delta R.T. -0.02 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

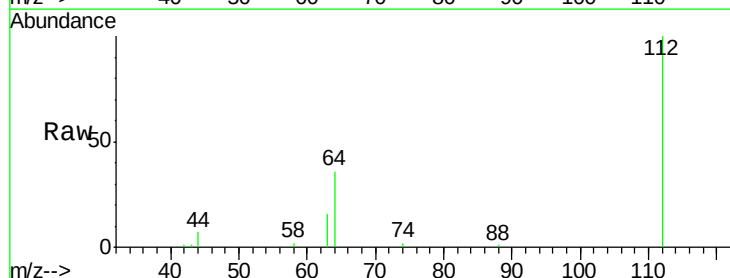
Tgt Ion: 112 Resp: 16910

Ion Ratio Lower Upper

112 100

64 50.8 41.2 61.8

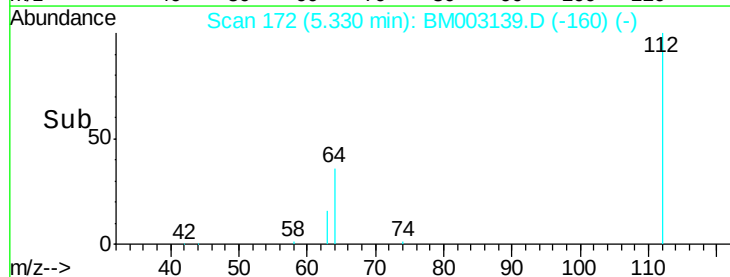
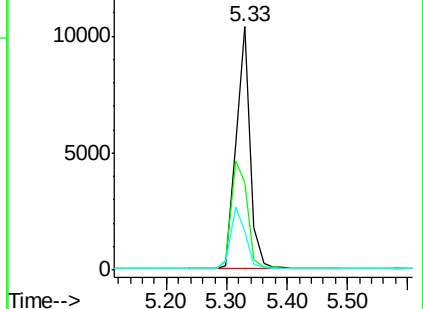
63 26.5 21.2 31.8

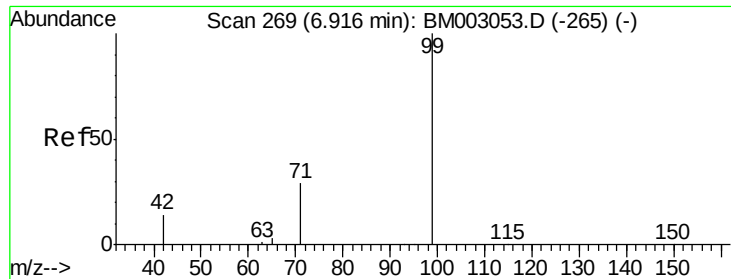


Abundance Ion 112.00 (111.70 to 112.70): BM003139.D (-166) (-)

Ion 64.00 (63.70 to 64.70): BM003139.D (-166) (-)

Ion 63.00 (62.70 to 63.70): BM003139.D (-166) (-)





#5

Phenol-d6

Concen: 0.91 ng

RT: 6.90 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :

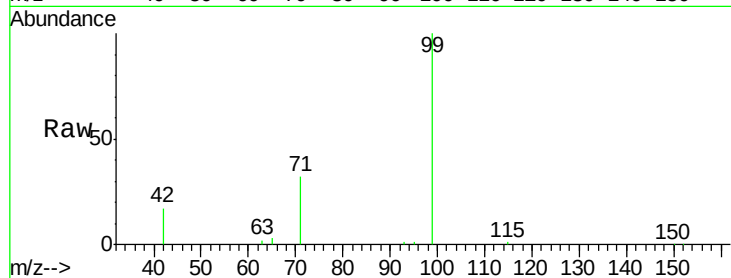
Tot Ion: 99 Resp: 20312

Ion Ratio Lower Upper

99 100

42 17.9 14.6 22.0

71 29.1 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003139.D (-268) (-)

Ion 42.00 (41.70 to 42.70): BM003139.D (-268) (-)

Ion 71.00 (70.70 to 71.70): BM003139.D (-268) (-)

6.90

15000

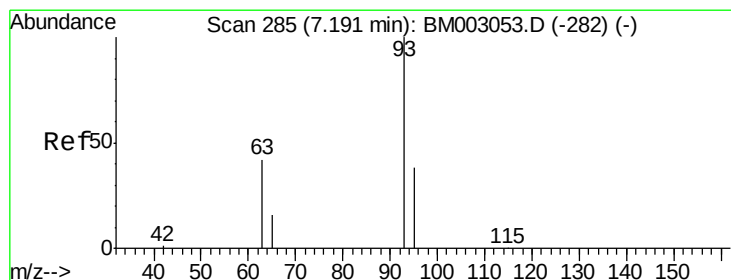
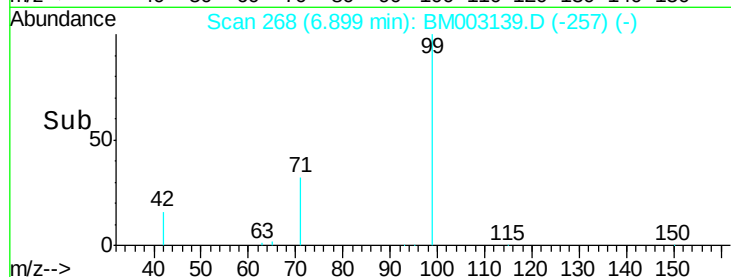
10000

5000

0

6.80 6.90 7.00 7.10

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.97 ng

RT: 7.17 min Scan# 284

Delta R.T. -0.02 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

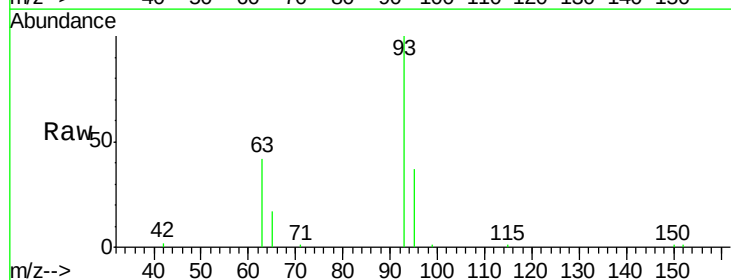
Tgt Ion: 93 Resp: 20803

Ion Ratio Lower Upper

93 100

63 71.6 58.2 87.4

95 32.4 26.2 39.4



Abundance Ion 93.00 (92.70 to 93.70): BM003139.D (-284) (-)

Ion 63.00 (62.70 to 63.70): BM003139.D (-284) (-)

Ion 95.00 (94.70 to 95.70): BM003139.D (-284) (-)

7.17

20000

15000

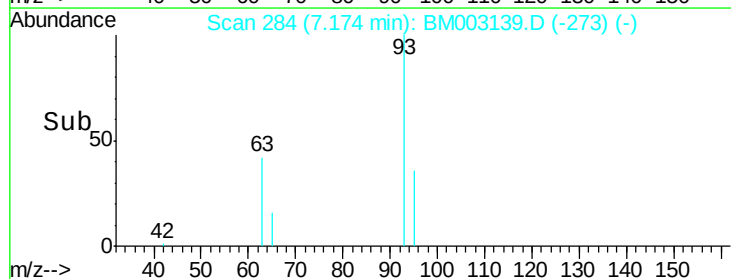
10000

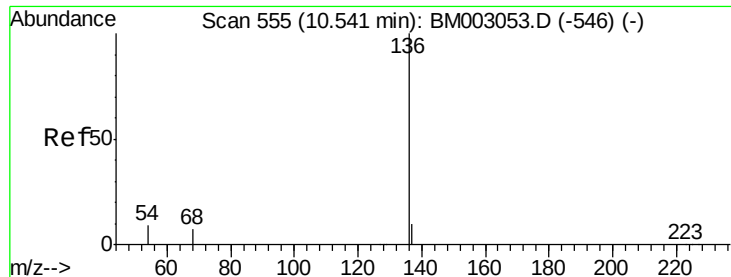
5000

0

7.10 7.17 7.20 7.30

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 370290

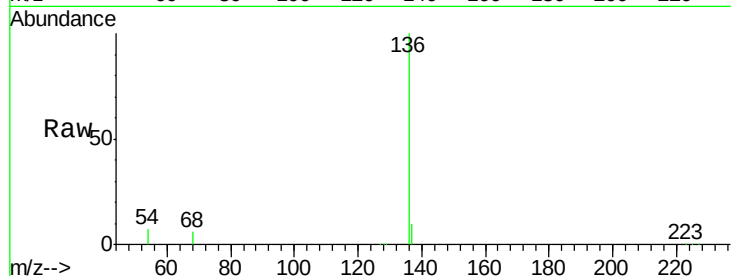
Ion Ratio Lower Upper

136 100

137 10.4 8.0 12.0

54 7.1 7.4 11.0#

68 5.8 5.8 8.6

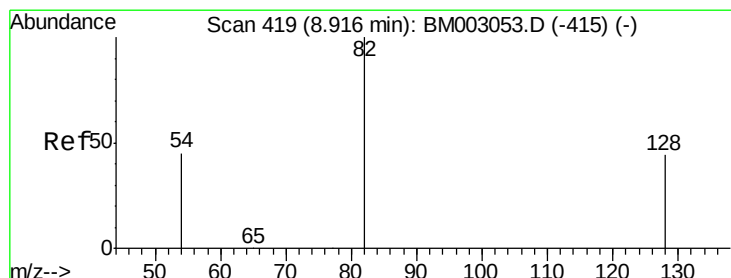
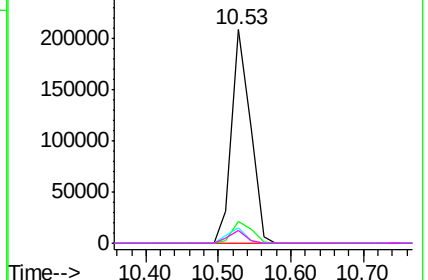
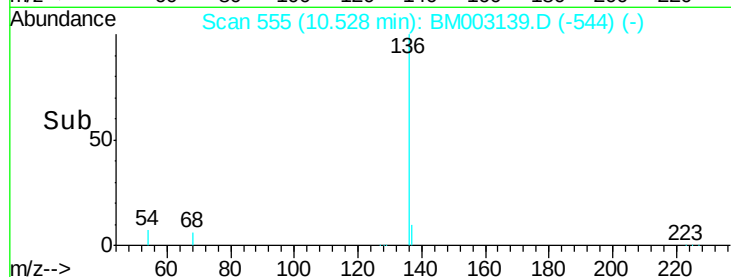


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.95 ng

RT: 8.90 min Scan# 418

Delta R.T. -0.02 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

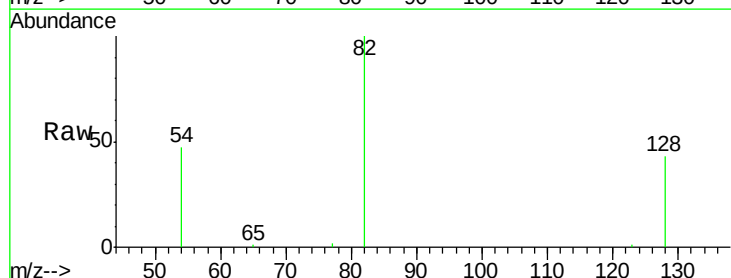
Tgt Ion: 82 Resp: 16163

Ion Ratio Lower Upper

82 100

128 42.8 35.2 52.8

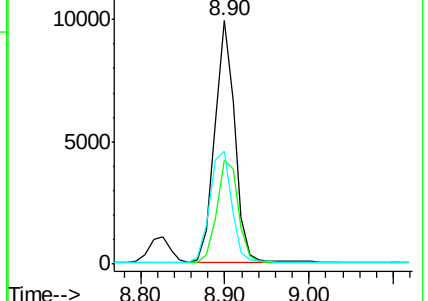
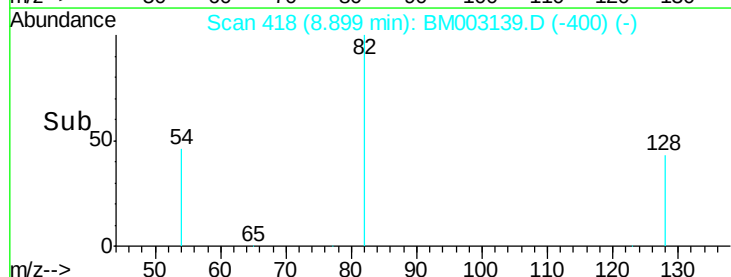
54 46.6 36.4 54.6

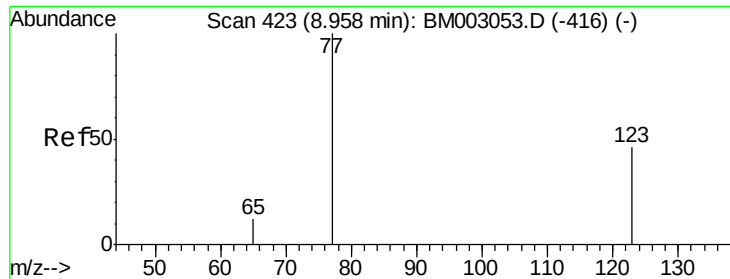


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.95 ng

RT: 8.94 min Scan# 422

Delta R.T. -0.02 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :

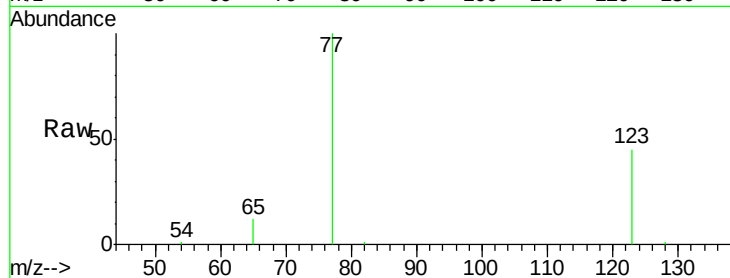
Tot Ion: 77 Resp: 17542

Ion Ratio Lower Upper

77 100

123 47.8 37.7 56.5

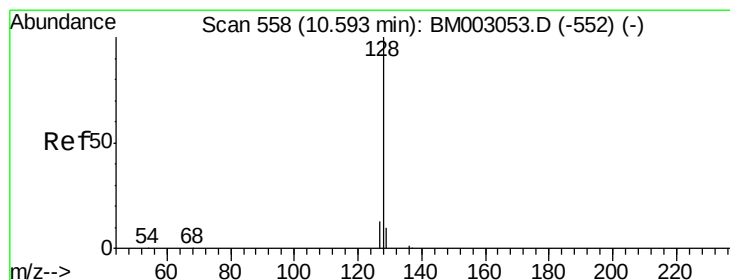
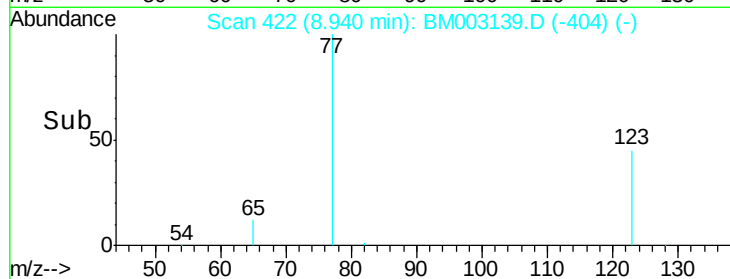
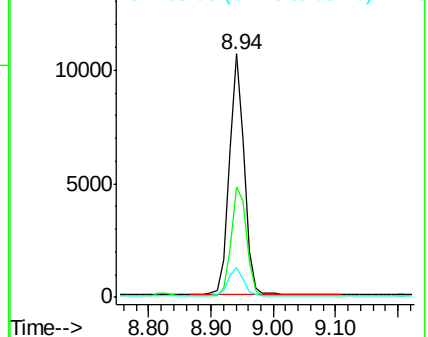
65 12.0 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003139.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM003139.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM003139.D (-404) (-)



#10

Naphthalene

Concen: 0.97 ng

RT: 10.58 min Scan# 558

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

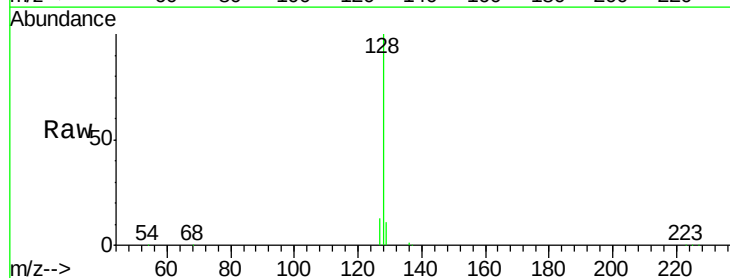
Tgt Ion: 128 Resp: 77527

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

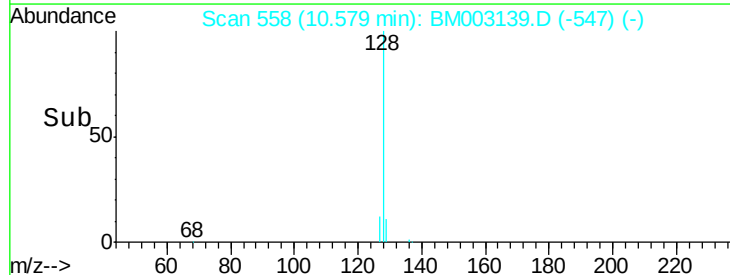
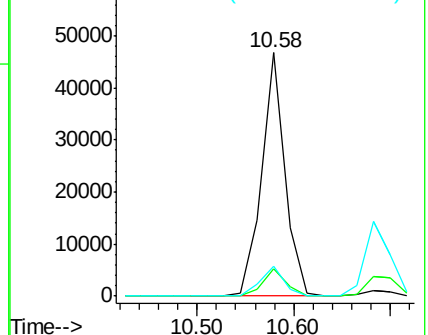
127 12.5 10.6 16.0

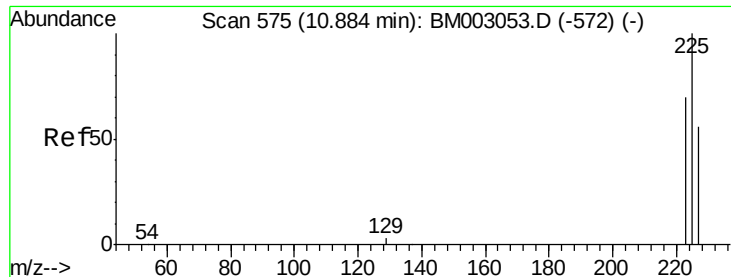


Abundance Ion 128.00 (127.70 to 128.70): BM003139.D (-547) (-)

Ion 129.00 (128.70 to 129.70): BM003139.D (-547) (-)

Ion 127.00 (126.70 to 127.70): BM003139.D (-547) (-)

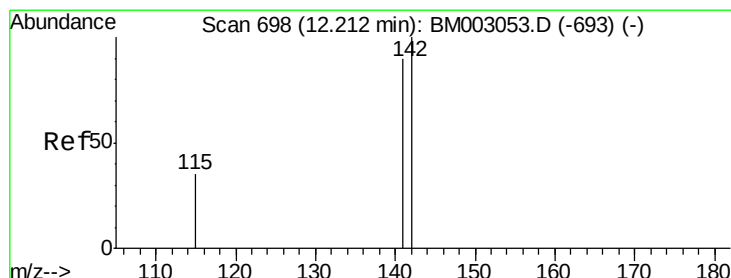
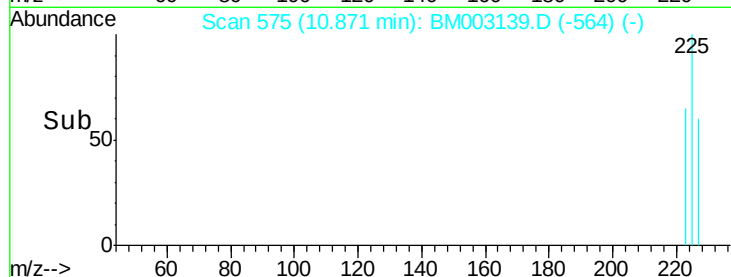
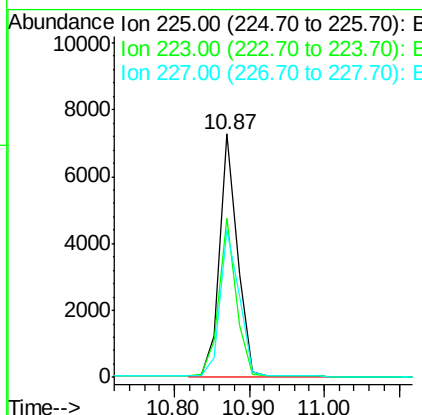
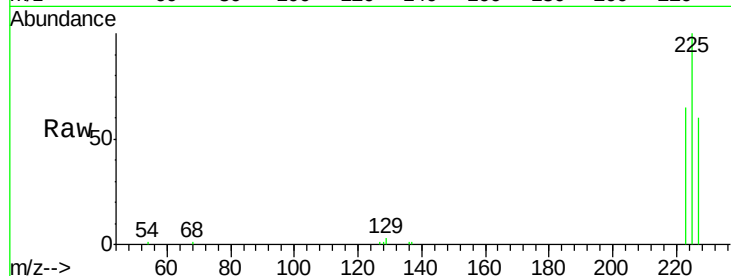




#11
Hexachlorobutadiene
Concen: 0.98 ng
RT: 10.87 min Scan# 575
Delta R.T. -0.01 min
Lab File: BM003139.D
Acq: 16 Nov 2015 12:42

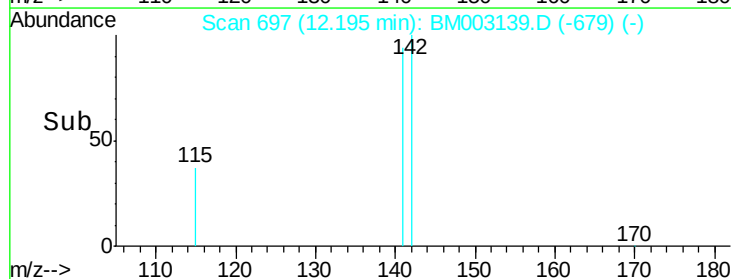
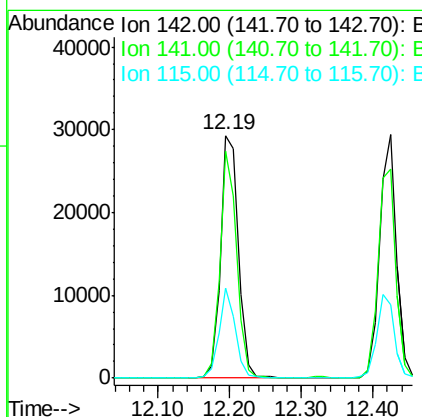
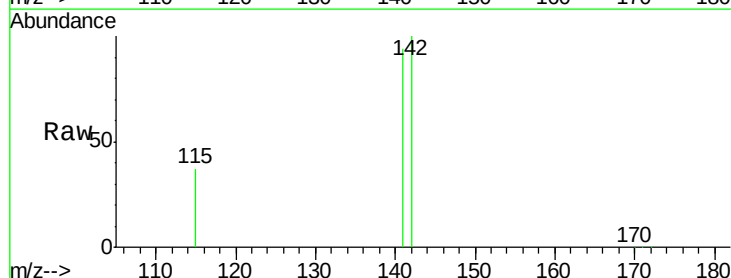
Instrument :
BNA_M
ClientSampleId :

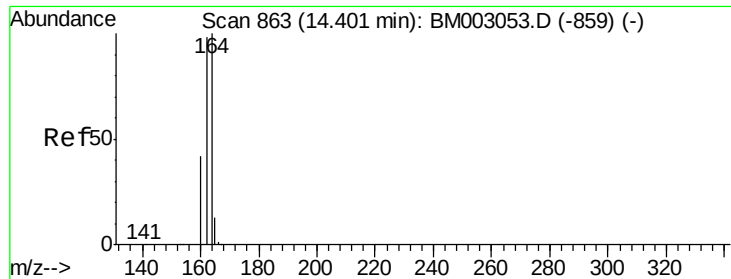
Tot Ion:225 Resp: 12019
Ion Ratio Lower Upper
225 100
223 64.9 53.0 79.4
227 65.0 52.2 78.4



#12
2-Methylnaphthalene
Concen: 0.98 ng
RT: 12.19 min Scan# 697
Delta R.T. -0.02 min
Lab File: BM003139.D
Acq: 16 Nov 2015 12:42

Tgt Ion:142 Resp: 50541
Ion Ratio Lower Upper
142 100
141 93.5 72.2 108.2
115 36.9 28.0 42.0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.39 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :

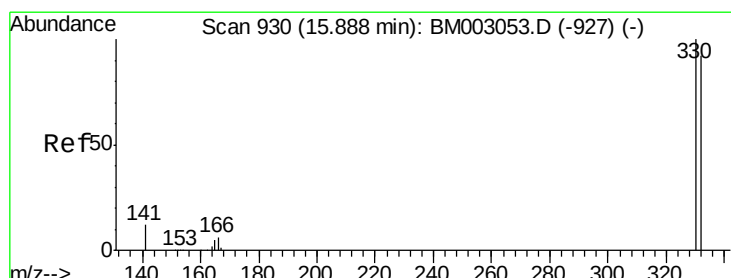
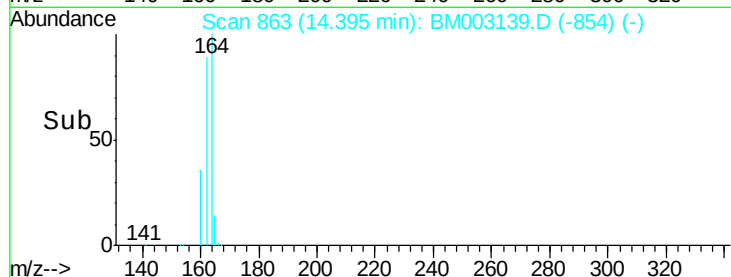
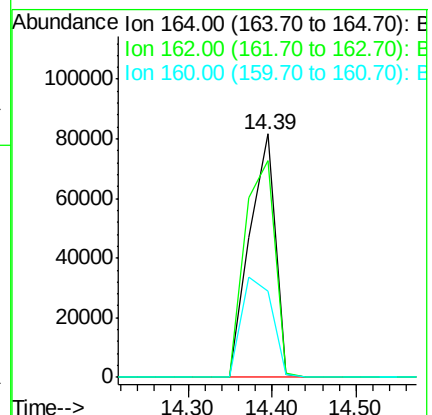
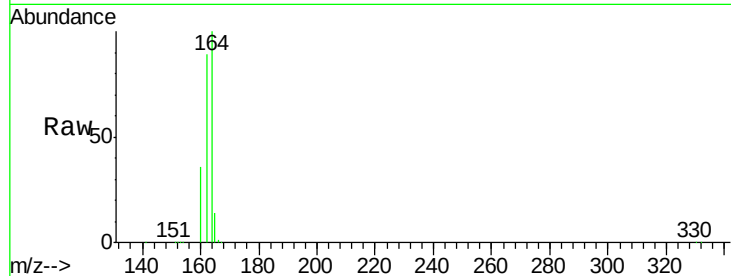
Tot Ion:164 Resp: 173113

Ion Ratio Lower Upper

164 100

162 89.1 78.3 117.5

160 35.6 33.8 50.6



#14

2,4,6-Tribromophenol

Concen: 0.96 ng

RT: 15.88 min Scan# 930

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

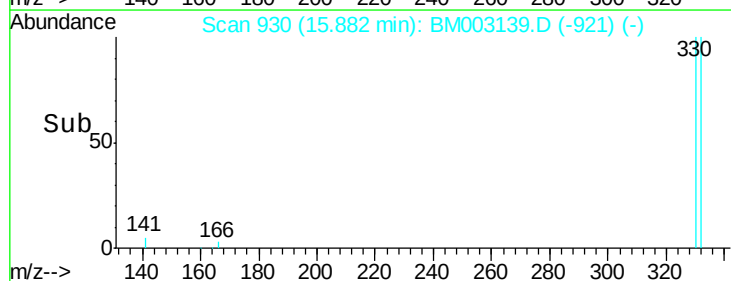
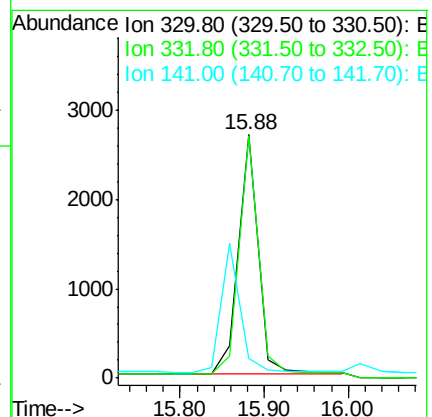
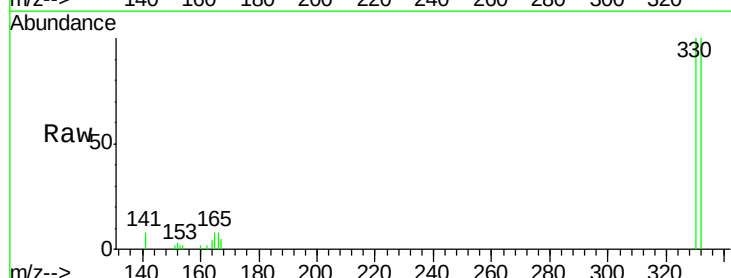
Tgt Ion:330 Resp: 4319

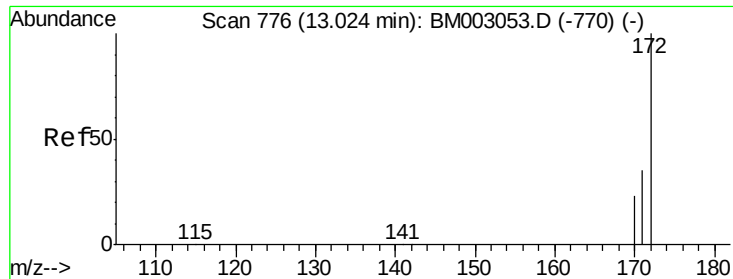
Ion Ratio Lower Upper

330 100

332 97.4 76.0 114.0

141 0.0 0.0 0.0

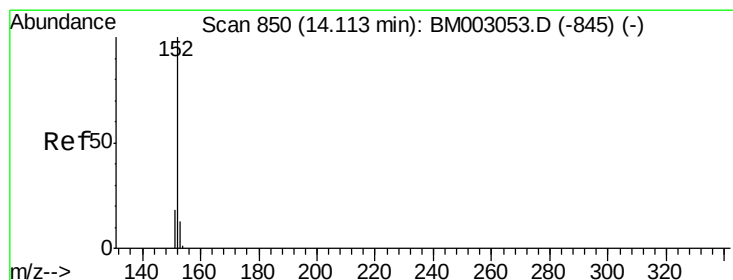
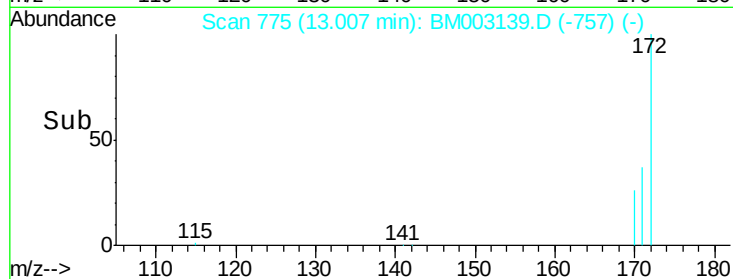
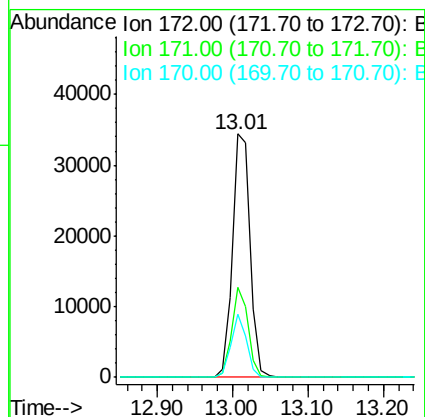
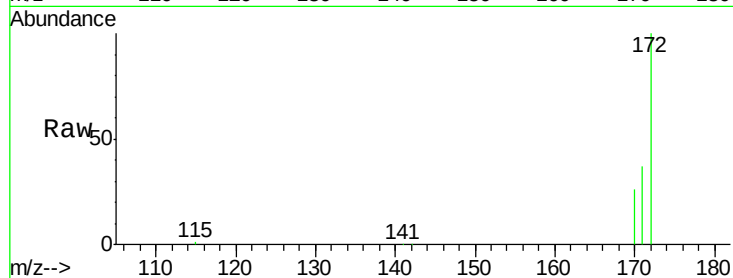




#15
2-Fluorobiphenyl
Concen: 1.04 ng
RT: 13.01 min Scan# 775
Delta R.T. -0.02 min
Lab File: BM003139.D
Acq: 16 Nov 2015 12:42

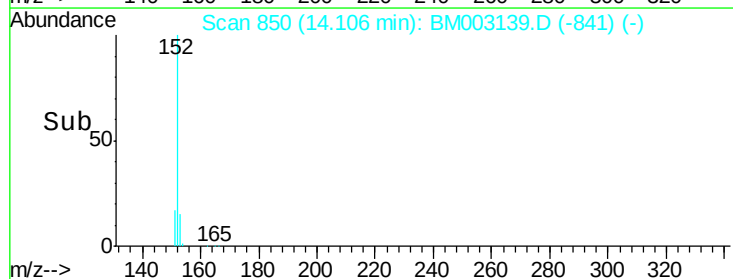
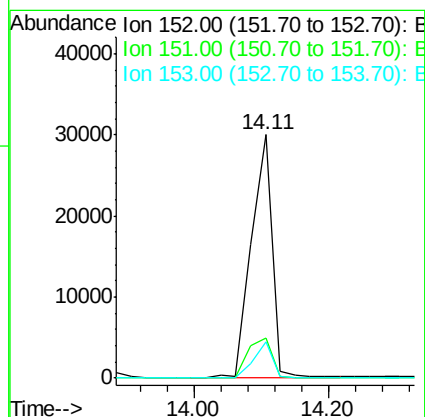
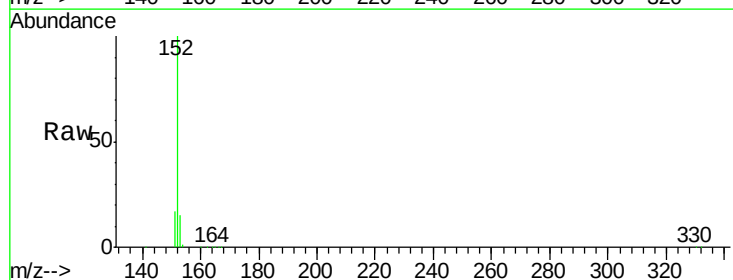
Instrument :
BNA_M
ClientSampleId :

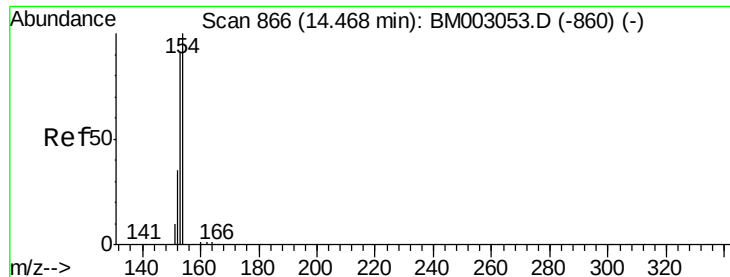
Tot Ion:172 Resp: 56686
Ion Ratio Lower Upper
172 100
171 37.0 28.0 42.0
170 26.1 18.9 28.3



#16
Acenaphthylene
Concen: 0.96 ng
RT: 14.11 min Scan# 850
Delta R.T. -0.01 min
Lab File: BM003139.D
Acq: 16 Nov 2015 12:42

Tgt Ion:152 Resp: 64532
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8
153 13.3 10.4 15.6

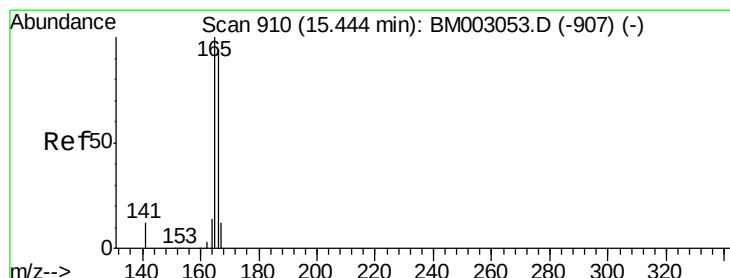
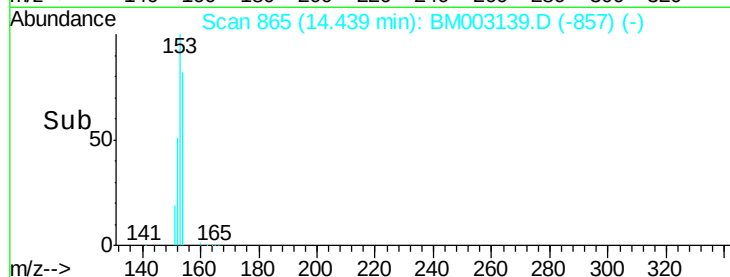
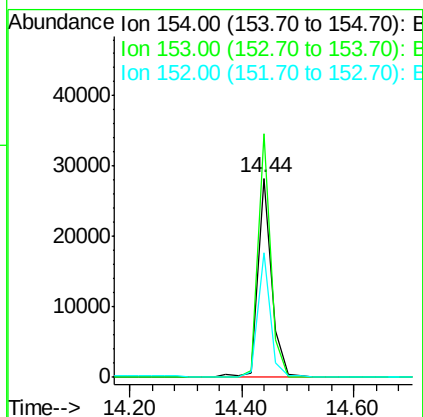
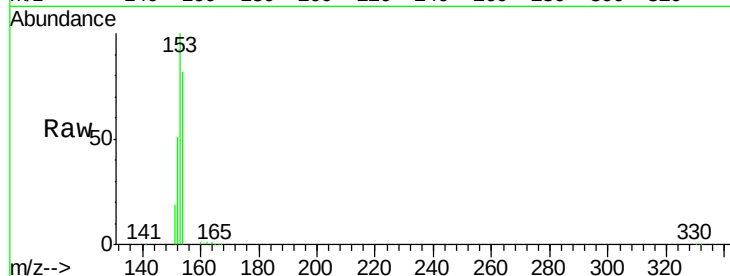




#17
Acenaphthene
Concen: 1.05 ng
RT: 14.44 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM003139.D
Acq: 16 Nov 2015 12:42

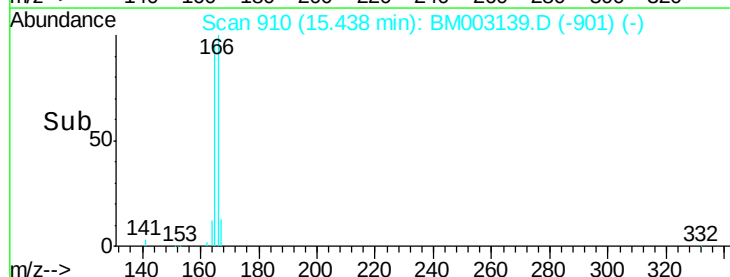
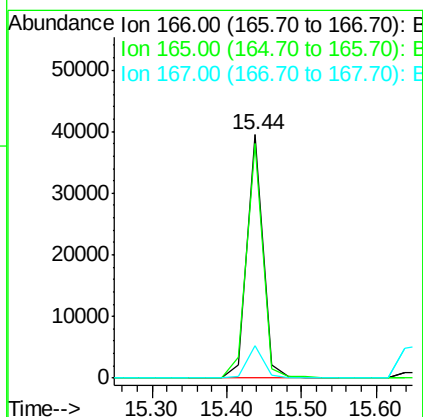
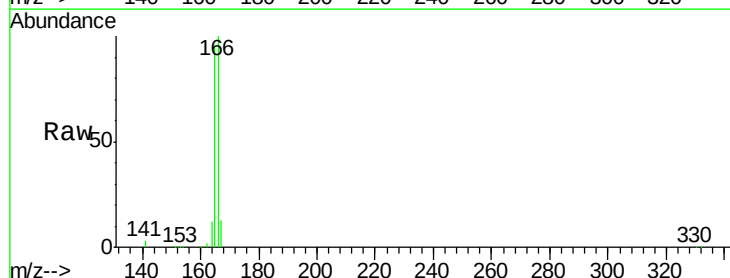
Instrument :
BNA_M
ClientSampleId :

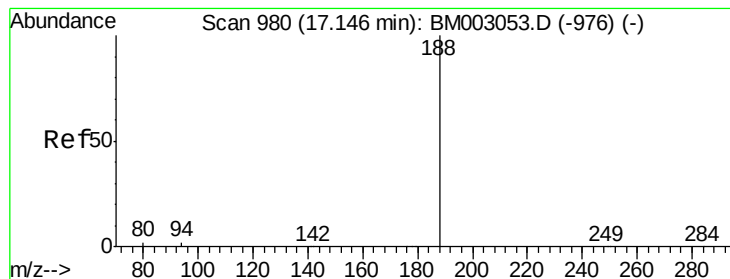
Tot Ion:154 Resp: 48541
Ion Ratio Lower Upper
154 100
153 112.4 0.0 0.0#
152 56.0 0.0 0.0#



#18
Fluorene
Concen: 1.19 ng
RT: 15.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BM003139.D
Acq: 16 Nov 2015 12:42

Tgt Ion:166 Resp: 58734
Ion Ratio Lower Upper
166 100
165 97.5 80.8 121.2
167 13.3 10.5 15.7





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.03 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :

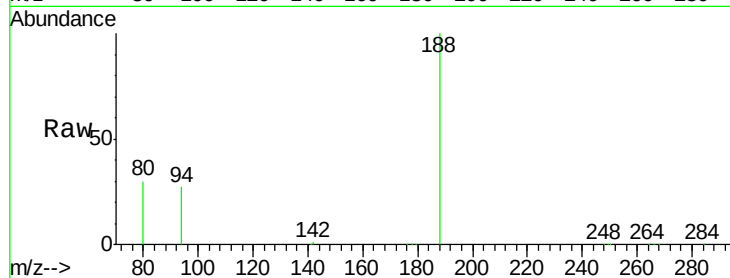
Tot Ion:188 Resp: 303366

Ion Ratio Lower Upper

188 100

94 27.3 1.8 2.6#

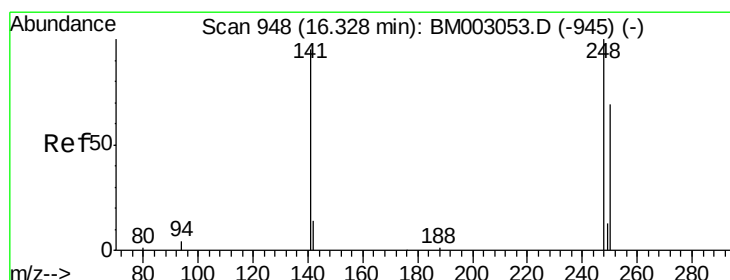
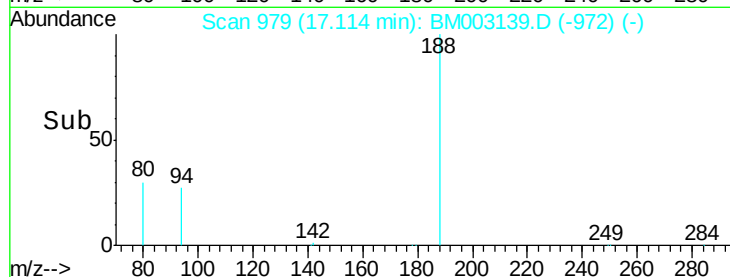
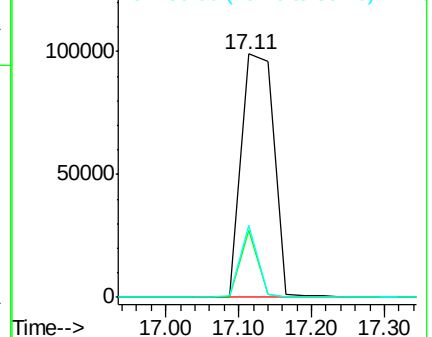
80 29.8 1.4 2.0#



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



#20

4-Bromophenyl-phenylether

Concen: 1.82 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

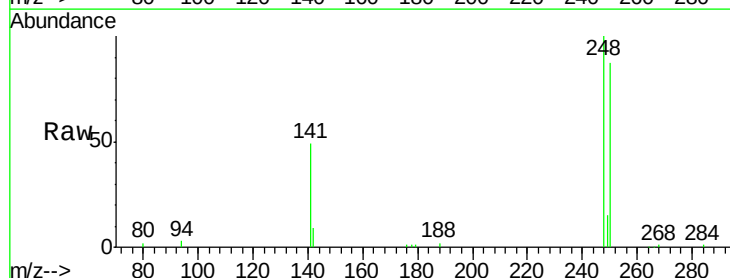
Tgt Ion:248 Resp: 17128

Ion Ratio Lower Upper

248 100

250 89.4 65.4 98.0

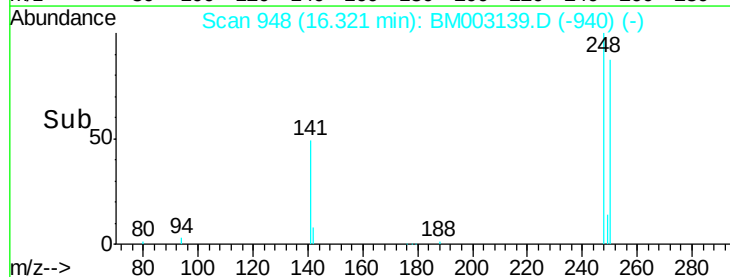
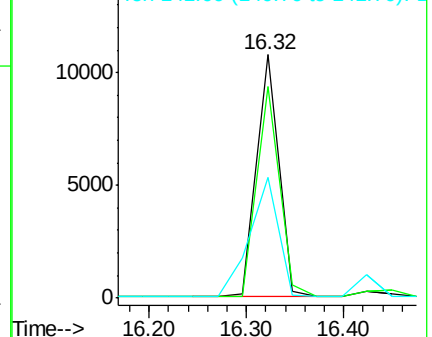
141 63.0 72.8 109.2#

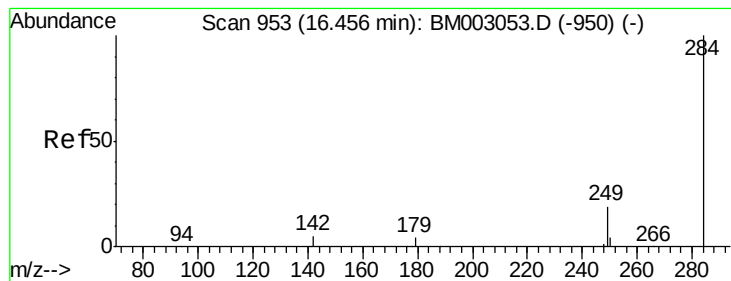


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 1.30 ng

RT: 16.45 min Scan# 953

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :

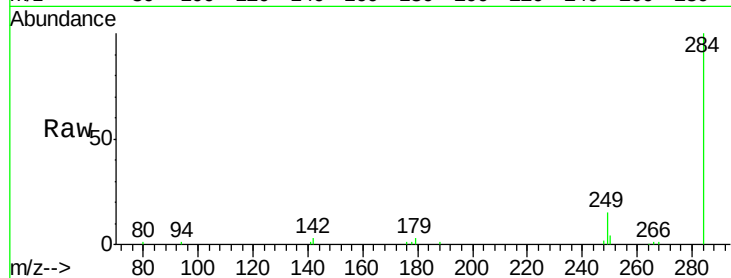
Tot Ion:284 Resp: 17302

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

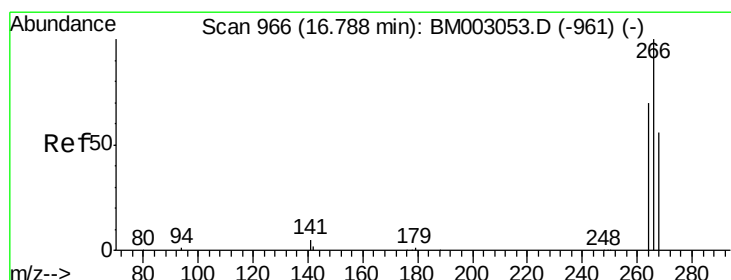
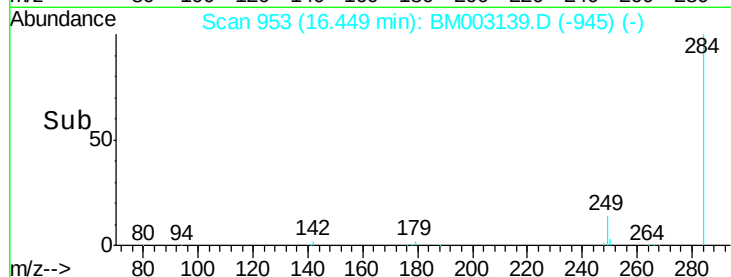
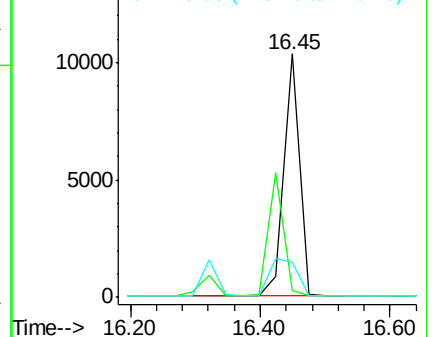
249 0.0 19.4 29.2#



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: 1.22 ng

RT: 16.78 min Scan# 966

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

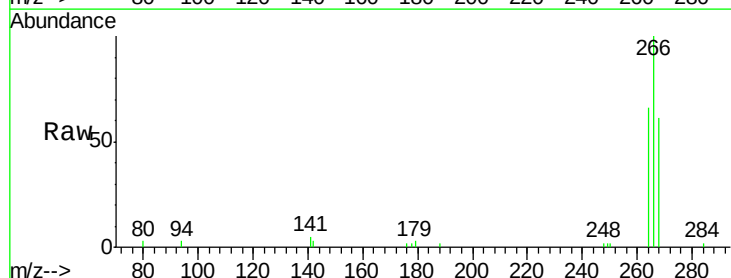
Tgt Ion:266 Resp: 5061

Ion Ratio Lower Upper

266 100

268 60.6 45.8 68.8

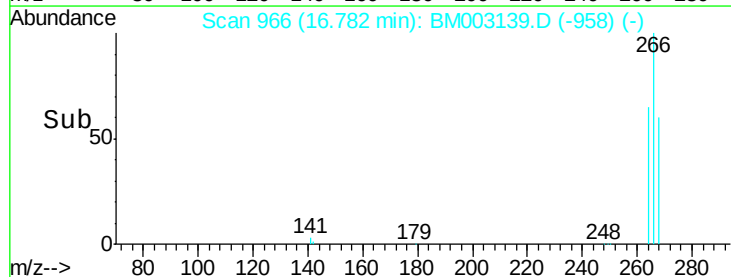
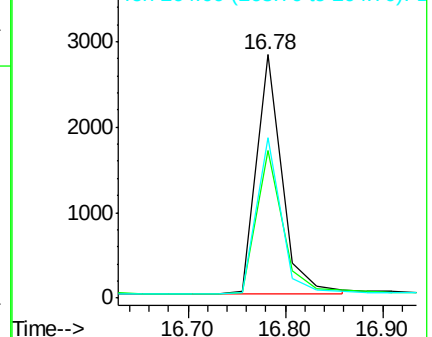
264 65.7 56.7 85.1

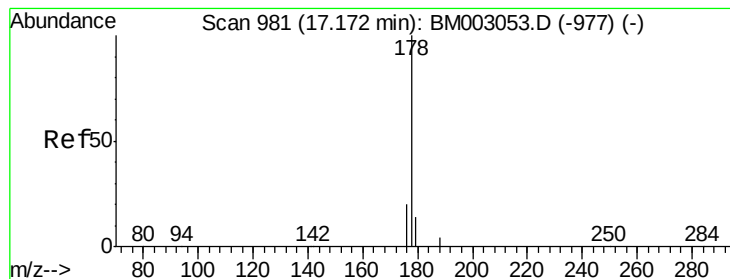


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 1.80 ng

RT: 17.16 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :

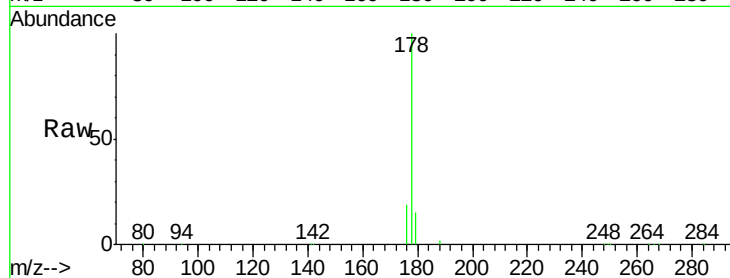
Tot Ion:178 Resp: 103823

Ion Ratio Lower Upper

178 100

176 18.9 15.9 23.9

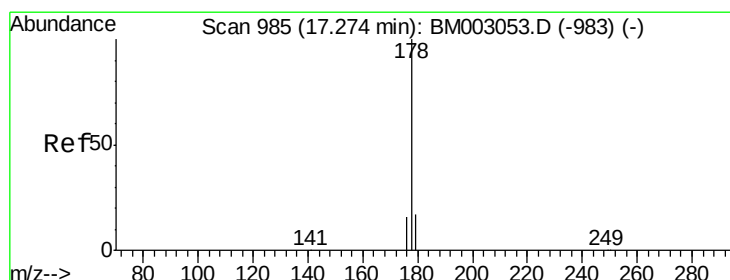
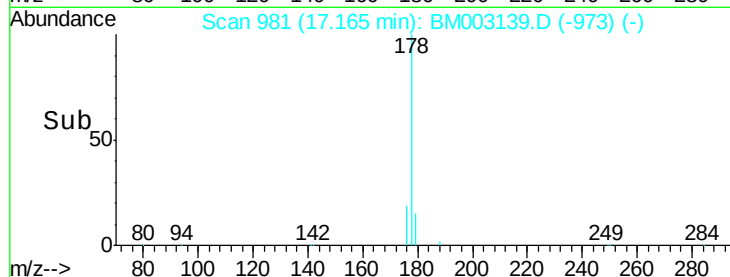
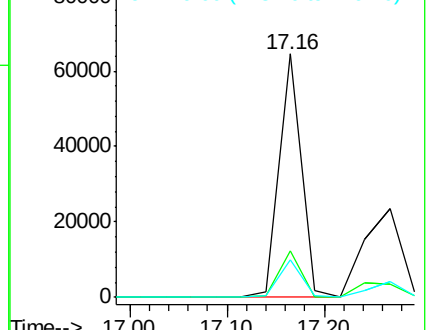
179 15.4 11.7 17.5



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: 1.61 ng

RT: 17.16 min Scan# 981

Delta R.T. -0.11 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

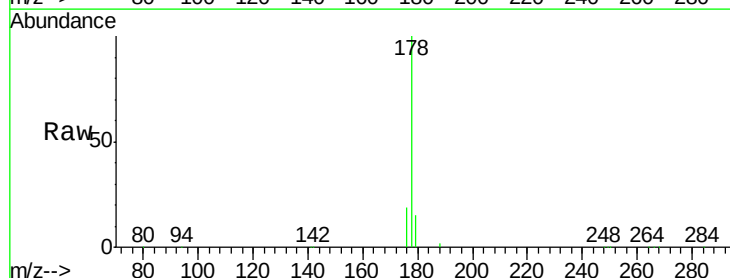
Tgt Ion:178 Resp: 103825

Ion Ratio Lower Upper

178 100

176 18.9 14.1 21.1

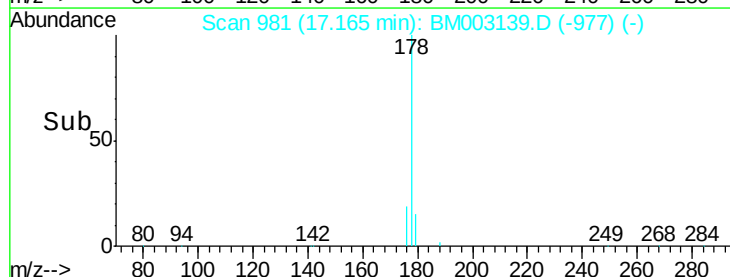
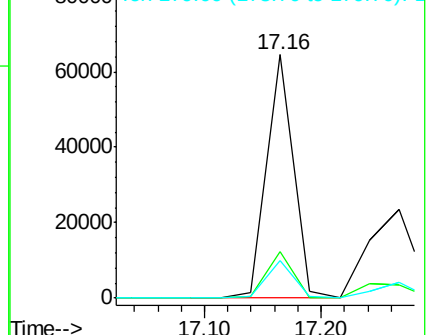
179 15.4 12.8 19.2

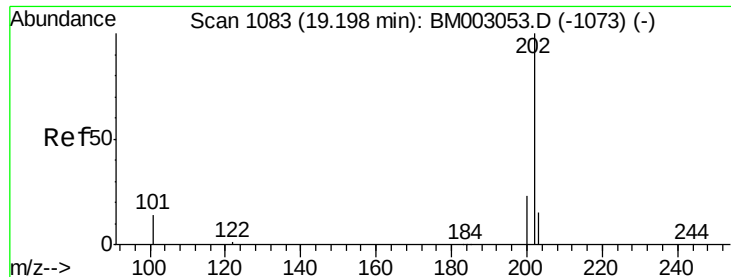


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 1.25 ng

RT: 19.19 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :

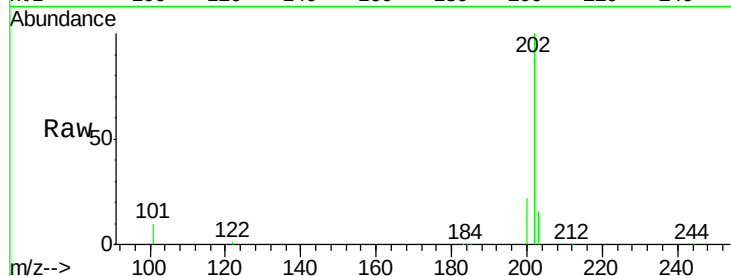
Tot Ion:202 Resp: 78403

Ion Ratio Lower Upper

202 100

101 11.9 9.9 14.9

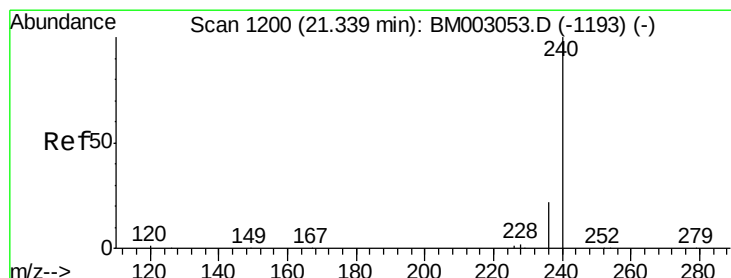
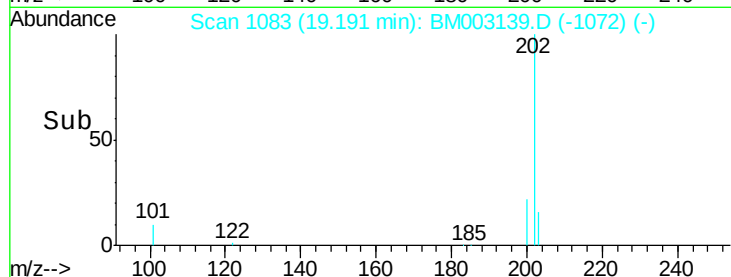
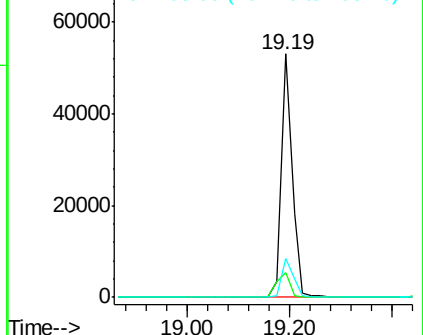
203 17.2 13.9 20.9



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. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

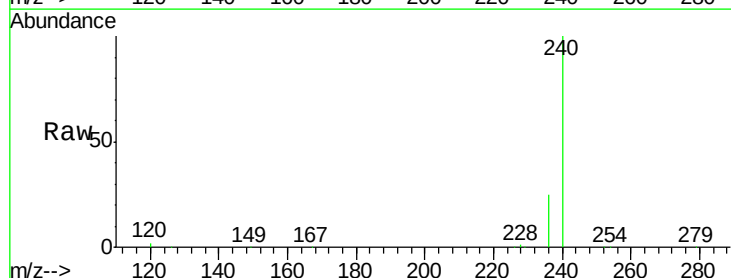
Tgt Ion:240 Resp: 296105

Ion Ratio Lower Upper

240 100

120 2.1 1.0 1.4#

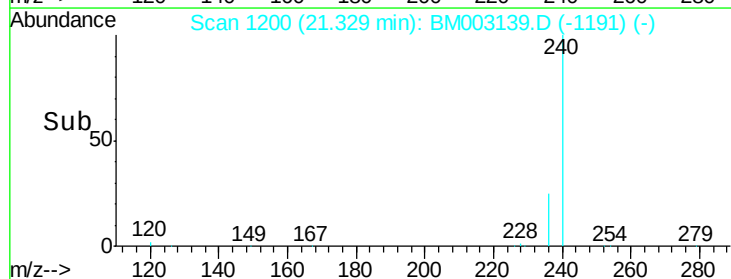
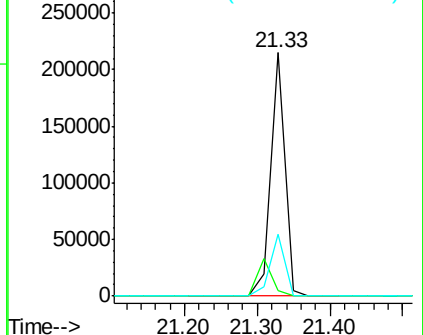
236 25.3 17.9 26.9

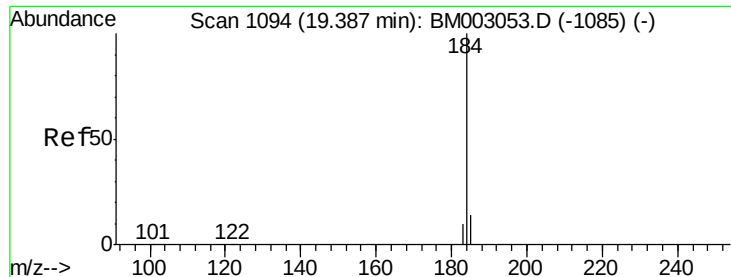


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.01 ng

RT: 19.38 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

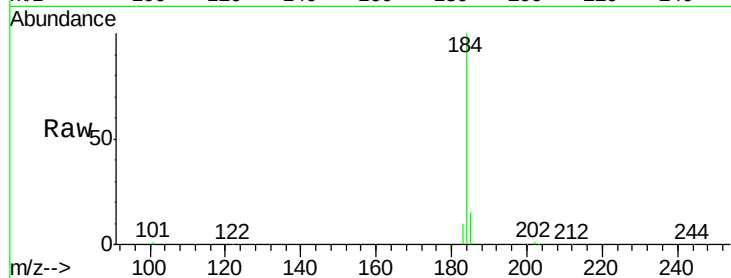
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 23107

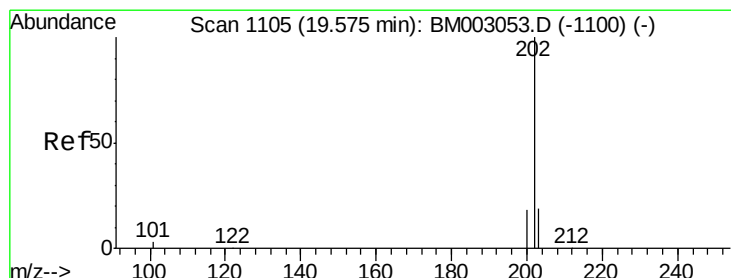
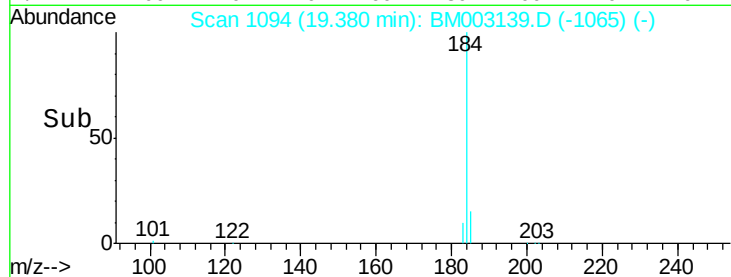
Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.6	17.4
183	10.4	8.6	13.0



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: 0.96 ng

RT: 19.55 min Scan# 1104

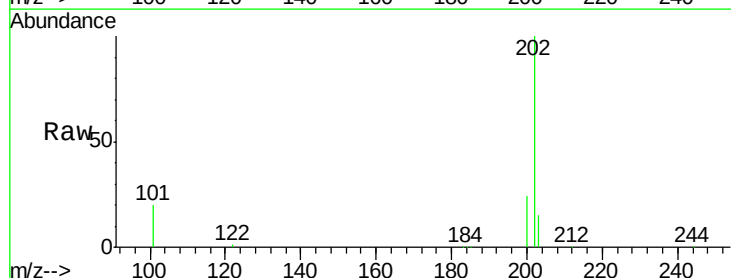
Delta R.T. -0.02 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Tgt Ion:202 Resp: 82209

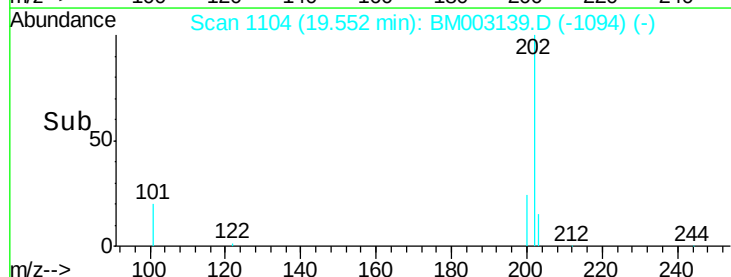
Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	17.5	13.8	20.6

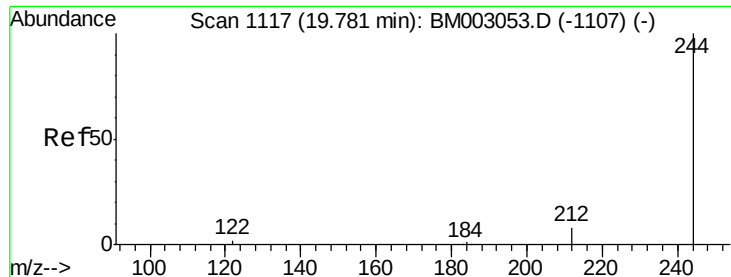


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.92 ng

RT: 19.77 min Scan# 1117

Delta R.T. -0.01 min

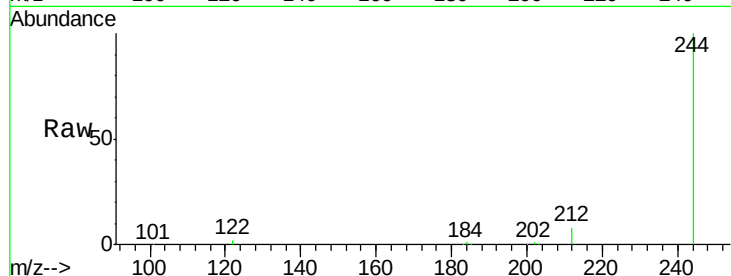
Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :



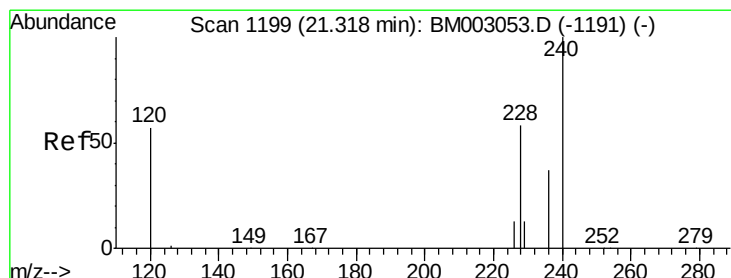
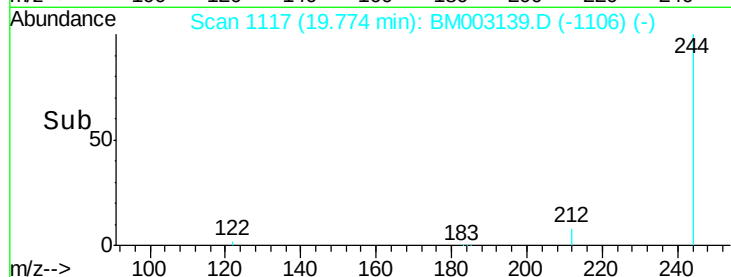
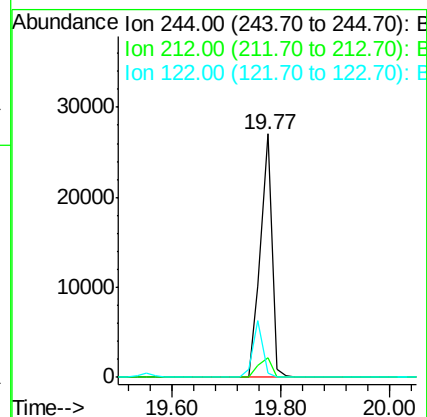
Tot Ion:244 Resp: 39408

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 1.9 2.0 3.0#



#30

Benzo(a)anthracene

Concen: 1.83 ng

RT: 21.31 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

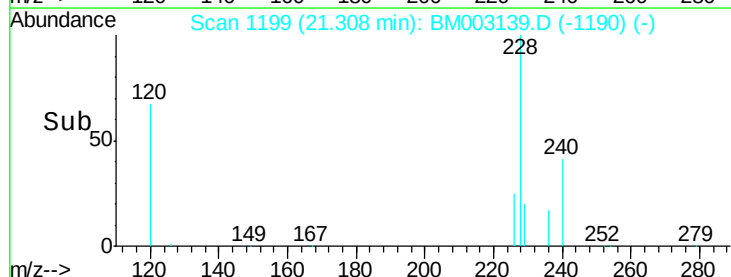
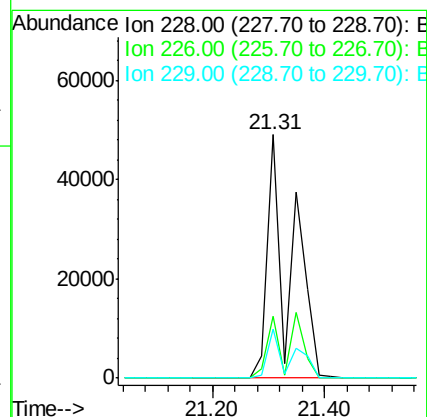
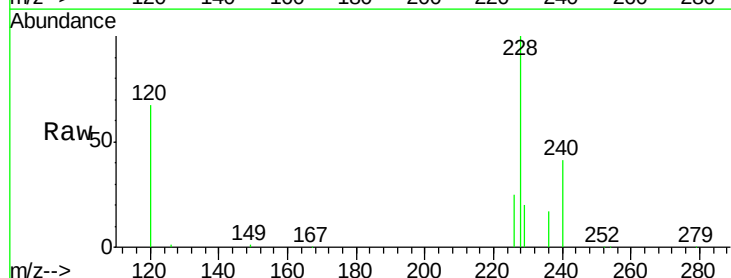
Tgt Ion:228 Resp: 138343

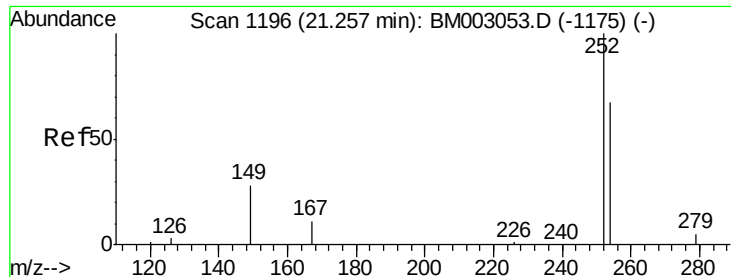
Ion Ratio Lower Upper

228 100

226 25.4 17.8 26.6

229 20.1 18.0 27.0

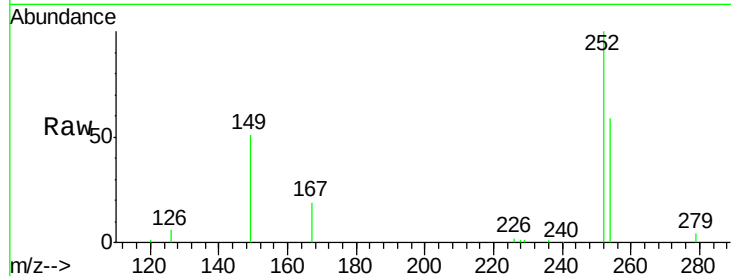




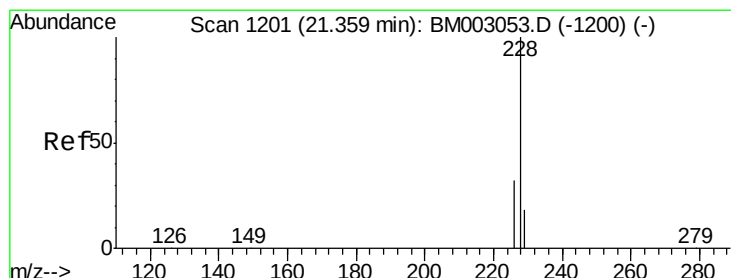
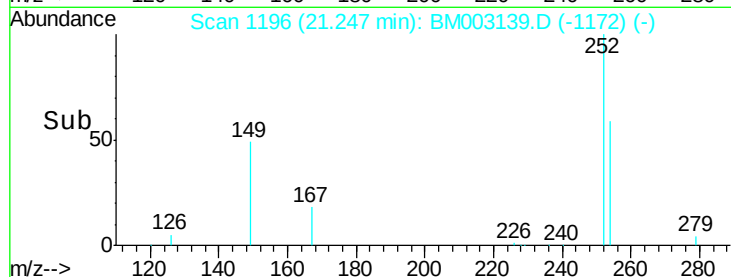
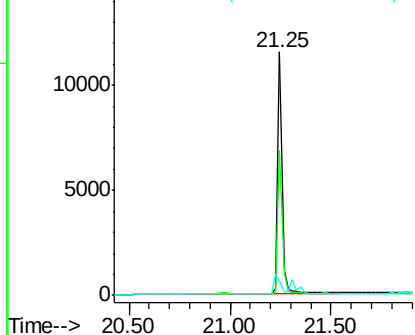
#31
 3,3'-Dichlorobenzidine
 Concen: 0.93 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM003139.D
 Acq: 16 Nov 2015 12:42

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:252 Resp: 17318
 Ion Ratio Lower Upper
 252 100
 254 59.4 53.7 80.5
 126 5.8 2.8 4.2#

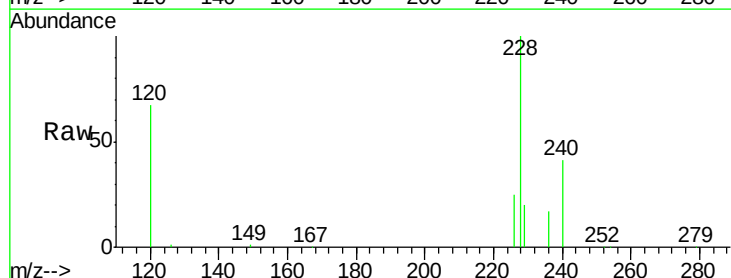


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

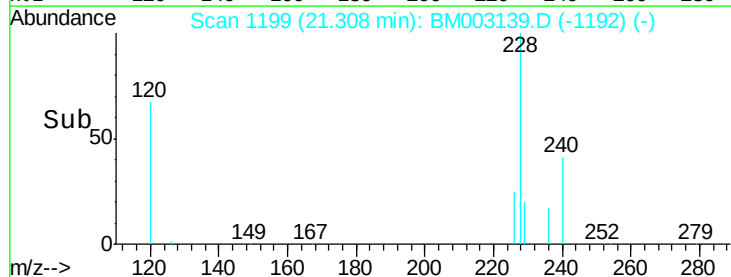
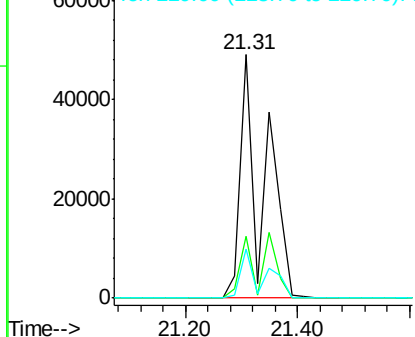


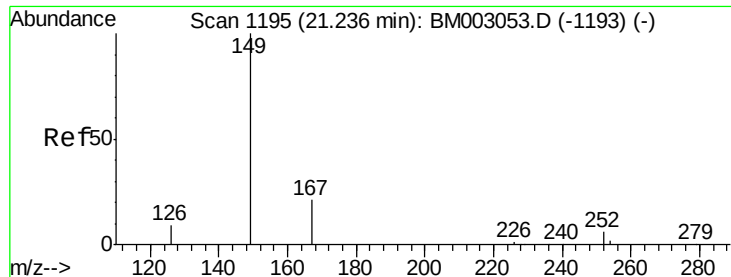
#32
 Chrysene
 Concen: 1.91 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BM003139.D
 Acq: 16 Nov 2015 12:42

Tgt Ion:228 Resp: 138605
 Ion Ratio Lower Upper
 228 100
 226 25.4 25.5 38.3#
 229 20.1 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: 0.72 ng

RT: 21.23 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampled :

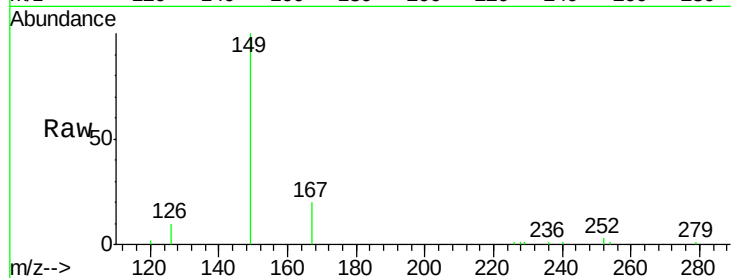
Tot Ion:149 Resp: 19474

Ion Ratio Lower Upper

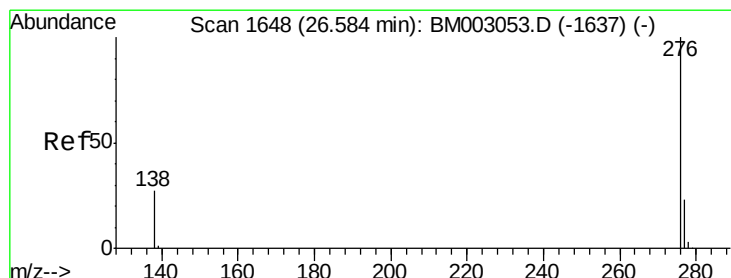
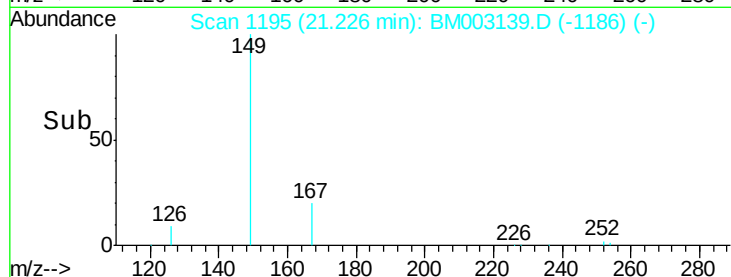
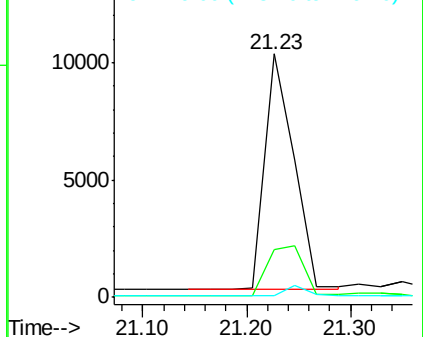
149 100

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: 0.91 ng

RT: 26.56 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

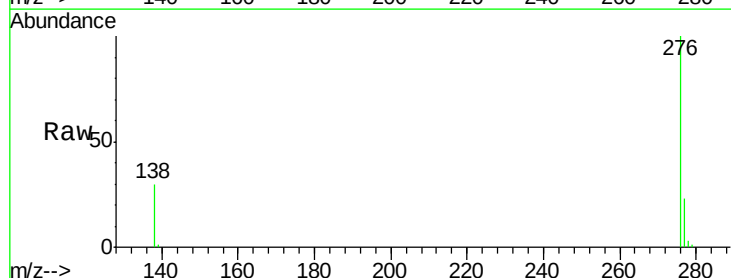
Tgt Ion:276 Resp: 55172

Ion Ratio Lower Upper

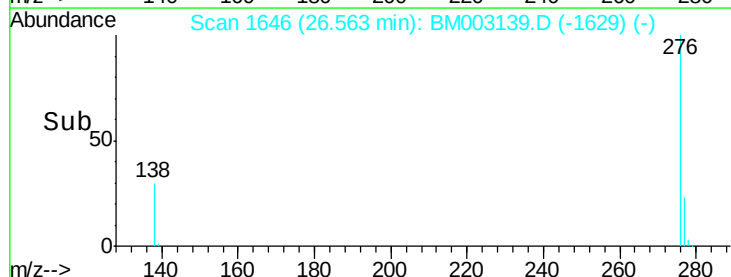
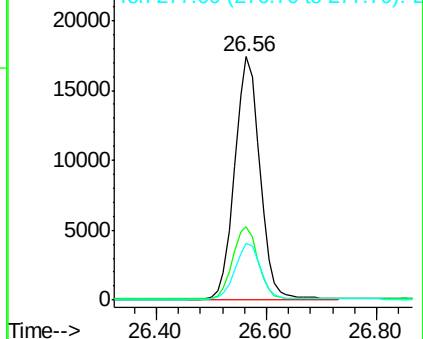
276 100

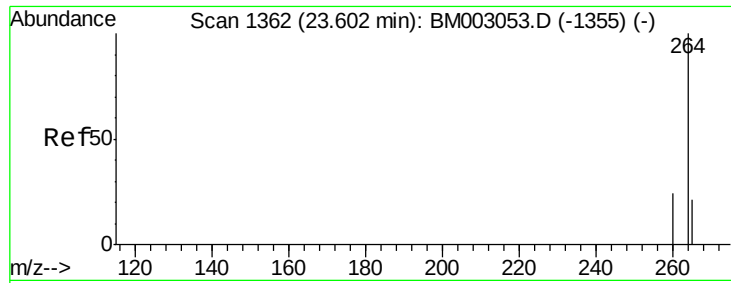
138 30.3 22.6 33.8

277 23.5 18.7 28.1



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

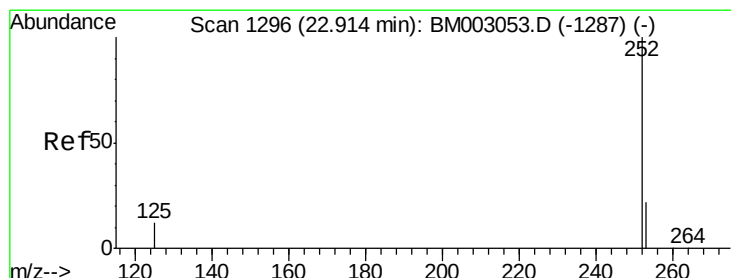
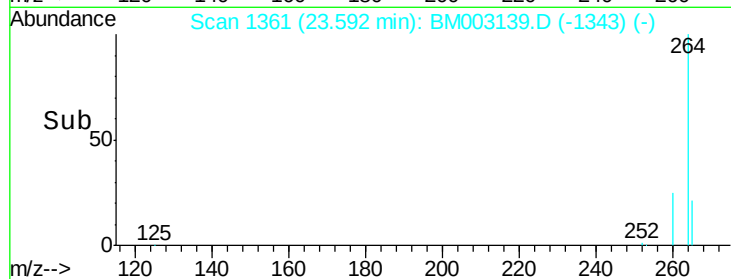
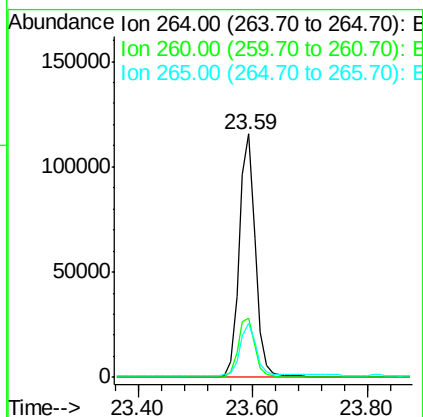
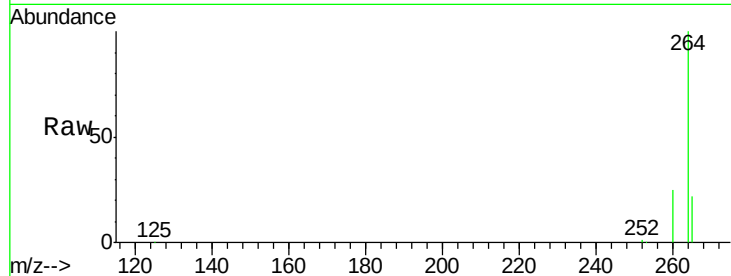




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.59 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BM003139.D
 Acq: 16 Nov 2015 12:42

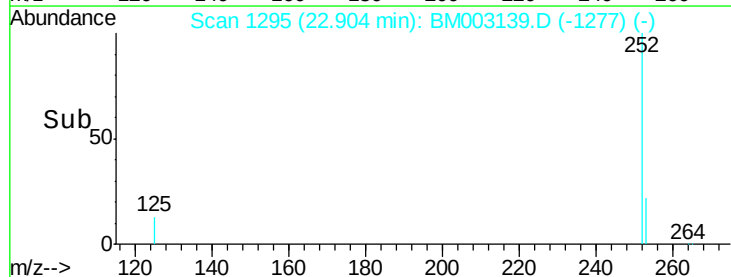
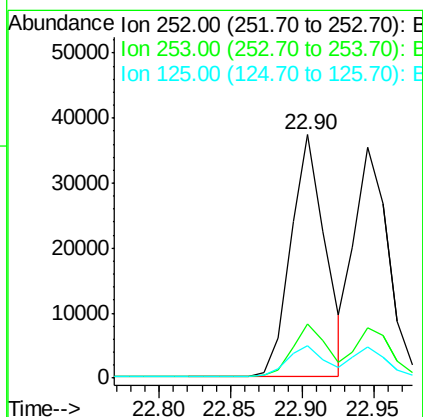
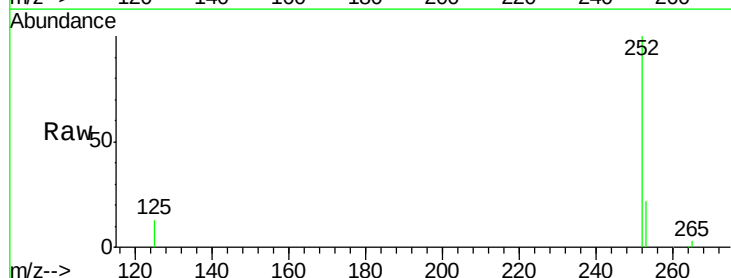
Instrument :
 BNA_M
 ClientSampleId :

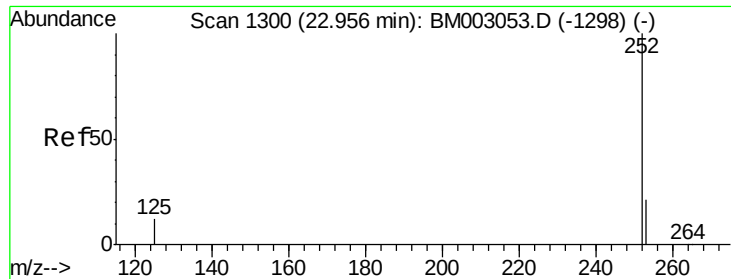
Tot Ion:264 Resp: 224654
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.6 29.4
 265 22.3 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 0.91 ng
 RT: 22.90 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BM003139.D
 Acq: 16 Nov 2015 12:42

Tgt Ion:252 Resp: 62300
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.2 27.4
 125 13.3 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 0.95 ng

RT: 22.95 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :

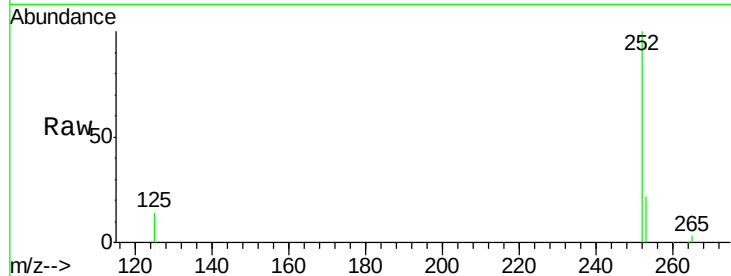
Tot Ion:252 Resp: 58919

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

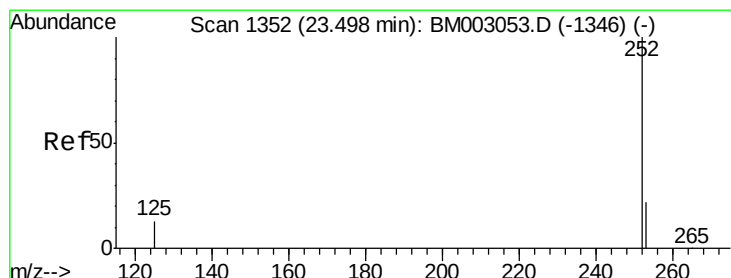
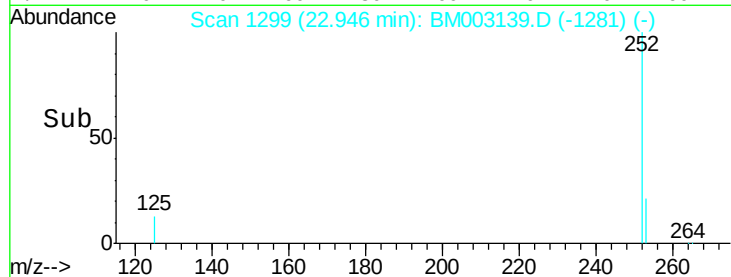
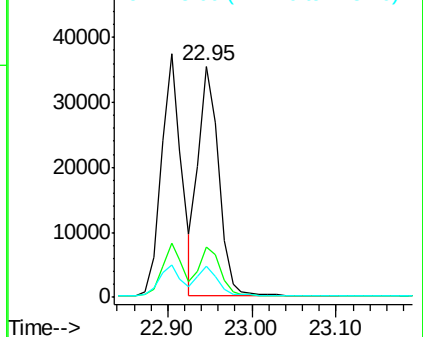
125 13.7 10.7 16.1



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: 0.90 ng

RT: 23.49 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

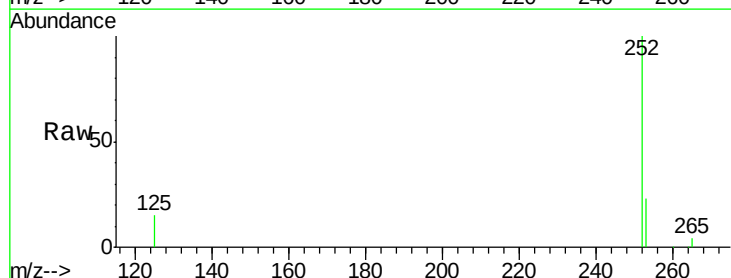
Tgt Ion:252 Resp: 51836

Ion Ratio Lower Upper

252 100

253 22.6 18.7 28.1

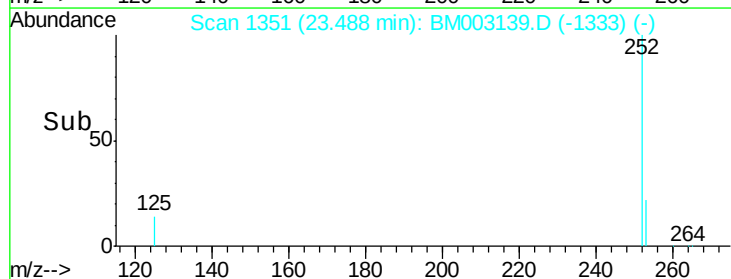
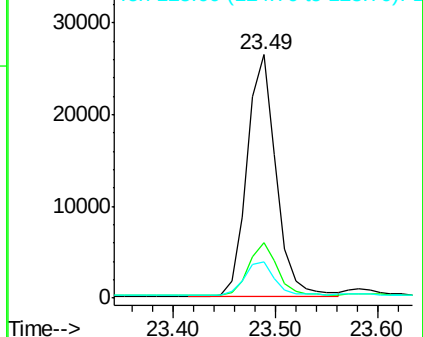
125 14.8 11.6 17.4

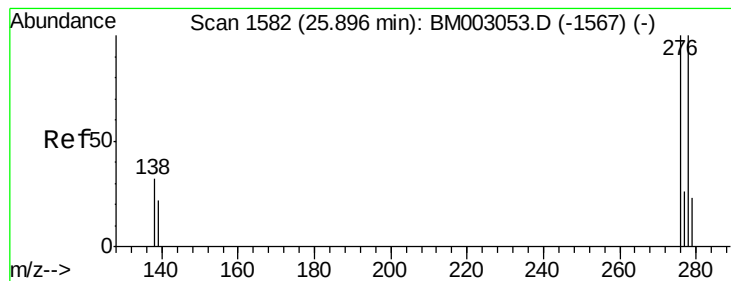


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.94 ng

RT: 25.89 min Scan# 1581

Delta R.T. -0.01 min

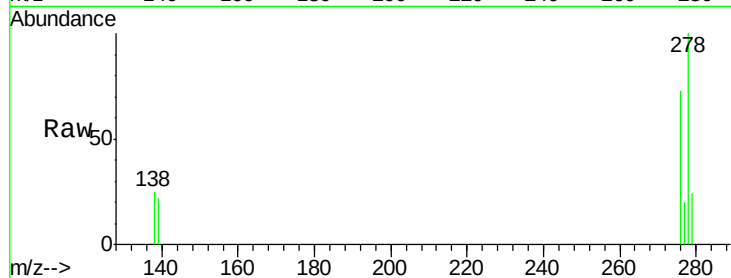
Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Instrument :

BNA_M

ClientSampleId :



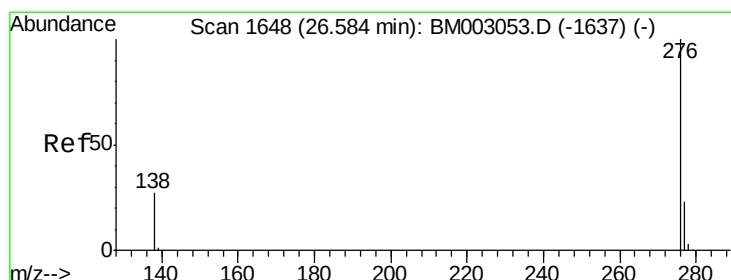
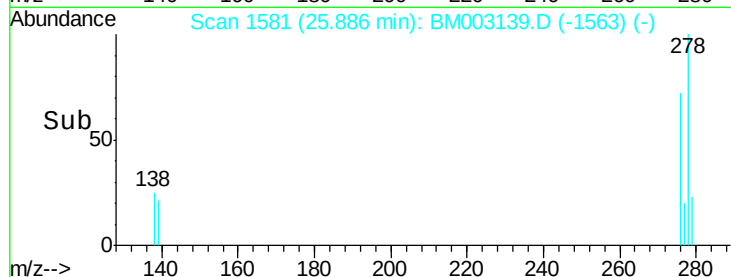
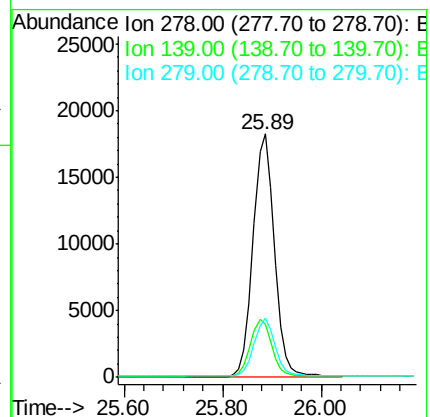
Tot Ion:278 Resp: 52964

Ion Ratio Lower Upper

278 100

139 21.6 18.2 27.4

279 24.1 18.8 28.2



#40

Benzo(g,h,i)perylene

Concen: 0.91 ng

RT: 26.56 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BM003139.D

Acq: 16 Nov 2015 12:42

Tgt Ion:276 Resp: 55172

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 30.3 22.3 33.5

