

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010216\
 Data File : BM003922.D
 Acq On : 31 Dec 2015 19:52
 Operator : SJ/UM
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jan 04 13:59:14 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM010216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 13:33:21 2016
 Response via : Initial Calibration

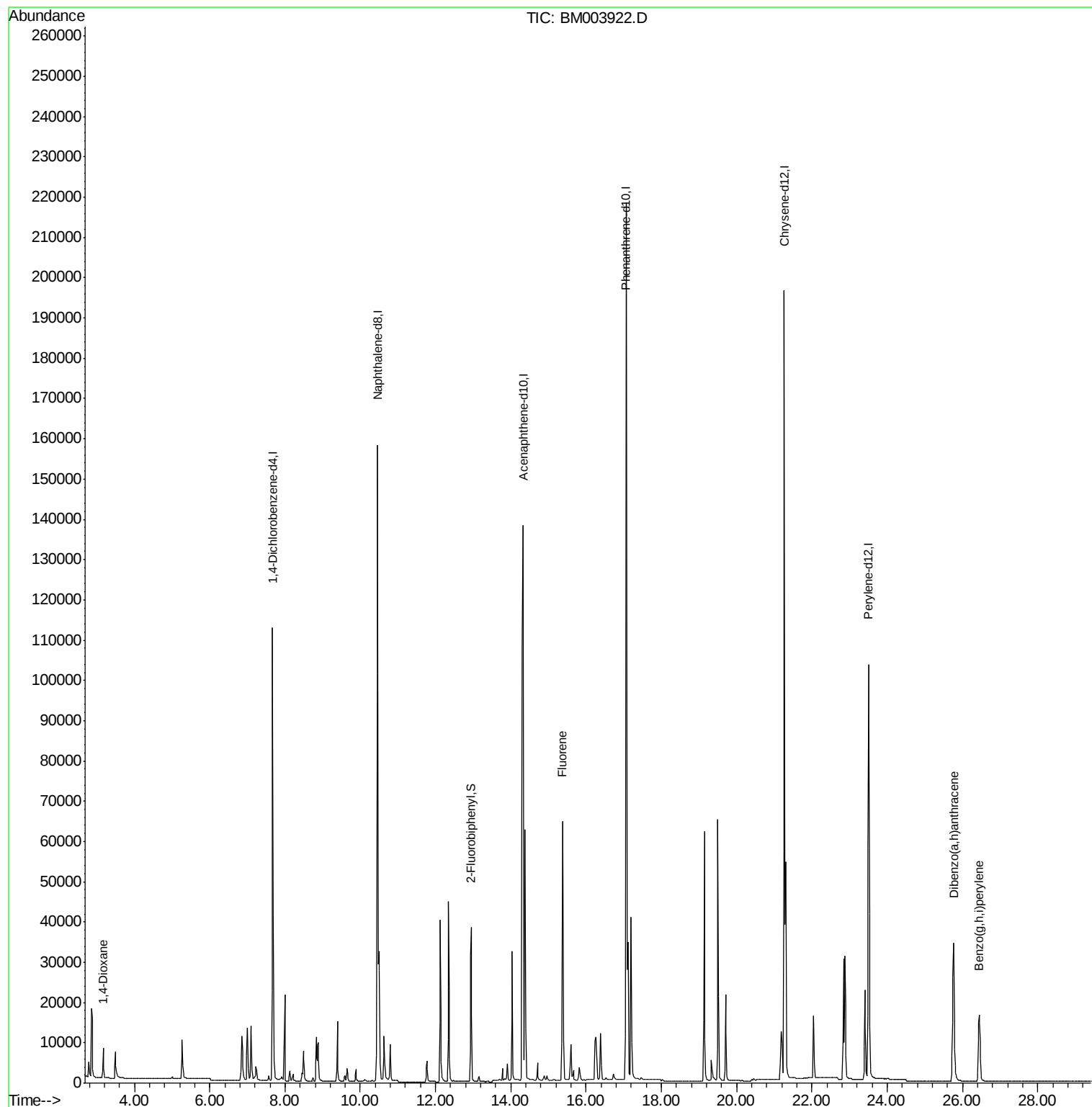
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	58350	5.00	ng	0.00
7) Naphthalene-d8	10.46	136	246253	5.00	ng	0.00
13) Acenaphthene-d10	14.33	164	123681	5.00	ng	0.00
19) Phenanthrene-d10	17.06	188	315202	5.00	ng	0.00
26) Chrysene-d12	21.27	240	194664	5.00	ng	0.00
35) Perylene-d12	23.51	264	141264	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.27	112	10632	0.89	ng	0.00
5) Phenol-d6	6.85	99	13556	0.93	ng	0.00
8) Nitrobenzene-d5	8.84	82	11272	0.93	ng	0.00
14) 2,4,6-Tribromophenol	15.82	330	2470	0.88	ng	0.00
15) 2-Fluorobiphenyl	12.94	172	40035	1.00	ng	0.00
29) Terphenyl-d14	19.71	244	28883	0.92	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	3.17	88	5253	1.02	ng	97
18) Fluorene	15.37	166	43614	1.02	ng	98
39) Dibenzo(a,h)anthracene	25.77	278	32078	1.02	ng	97
40) Benzo(g,h,i)perylene	26.45	276	33999	1.02	ng	98

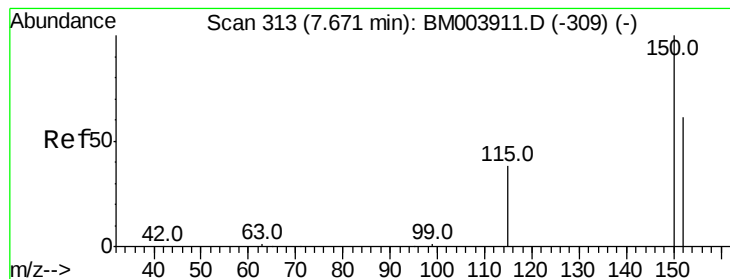
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.67 min Scan# 313

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

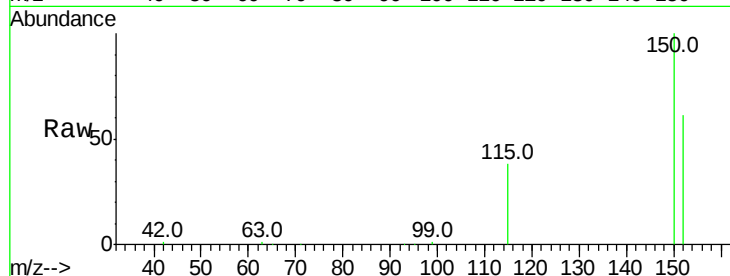
Tot Ion:152 Resp: 58350

Ion Ratio Lower Upper

152 100

150 162.7 122.9 184.3

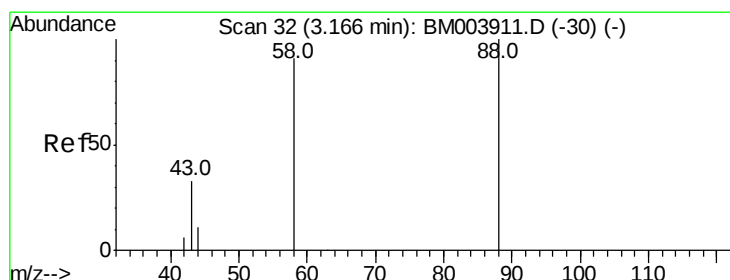
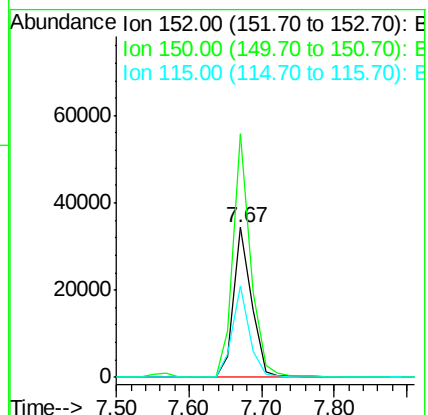
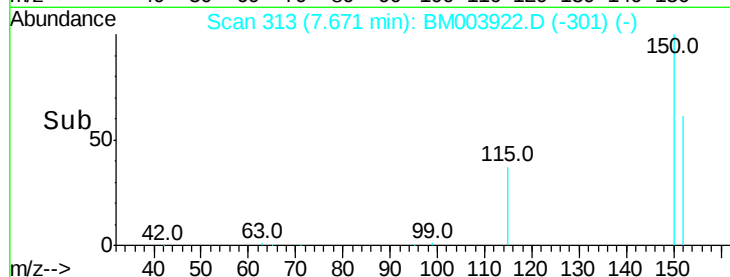
115 61.1 44.4 66.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.02 ng

RT: 3.17 min Scan# 32

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

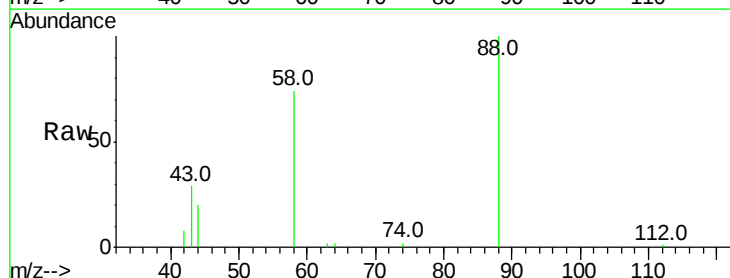
Tgt Ion: 88 Resp: 5253

Ion Ratio Lower Upper

88 100

58 70.0 53.8 80.6

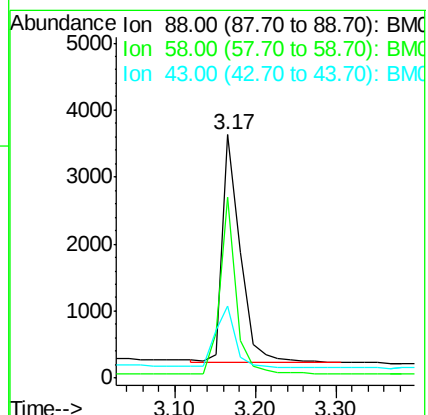
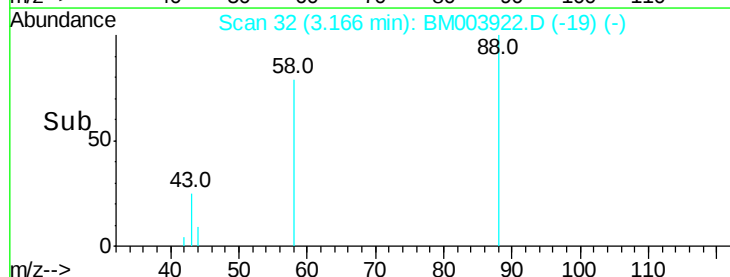
43 31.0 23.8 35.6

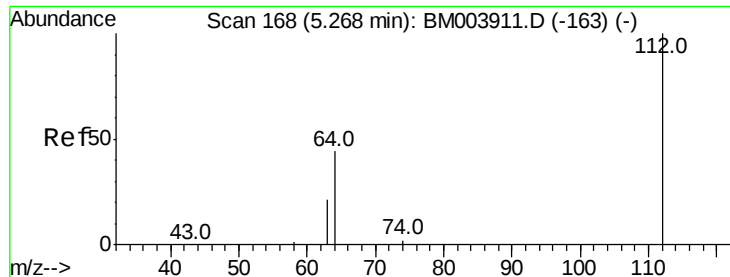


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#4

2-Fluorophenol

Concen: 0.89 ng

RT: 5.27 min Scan# 168

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

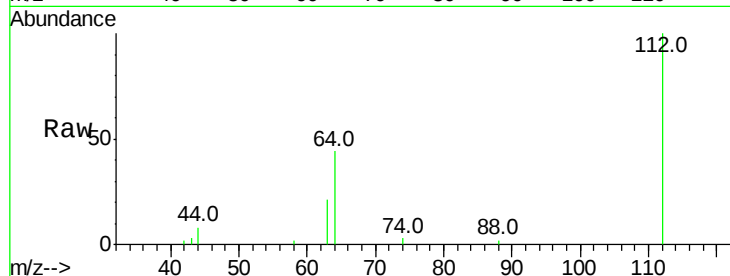
Tot Ion:112 Resp: 10632

Ion Ratio Lower Upper

112 100

64 52.7 41.8 62.8

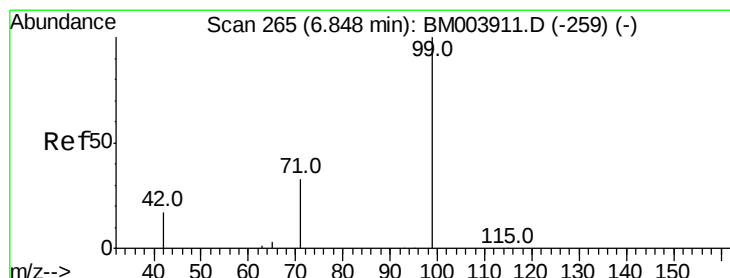
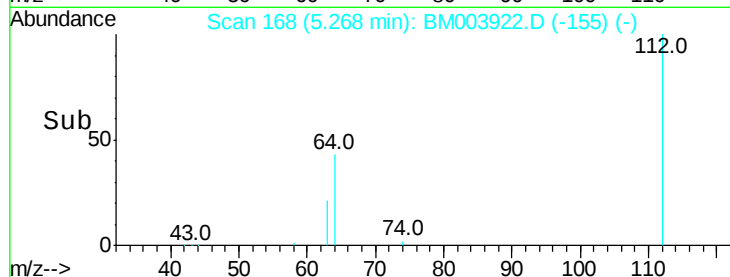
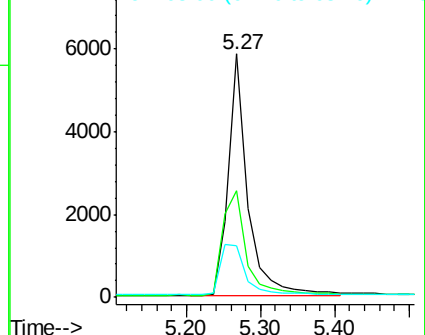
63 28.1 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#5

Phenol-d6

Concen: 0.93 ng

RT: 6.85 min Scan# 265

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

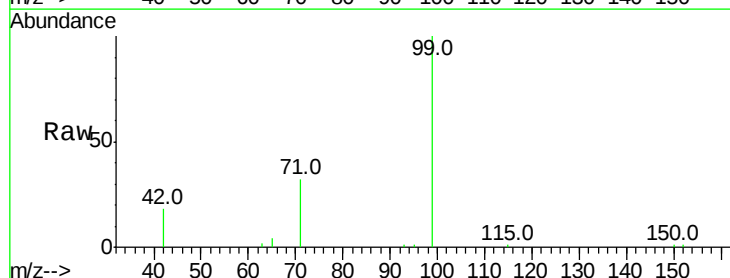
Tgt Ion: 99 Resp: 13556

Ion Ratio Lower Upper

99 100

42 20.1 16.2 24.2

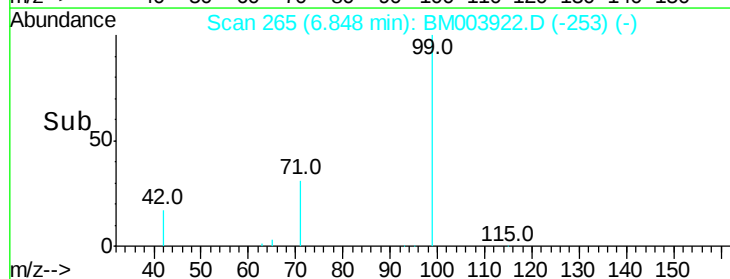
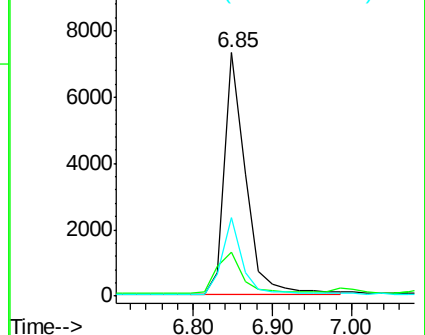
71 30.5 24.4 36.6

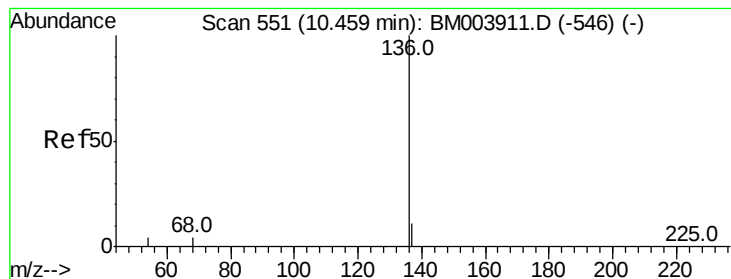


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tot Ion:136 Resp: 246253

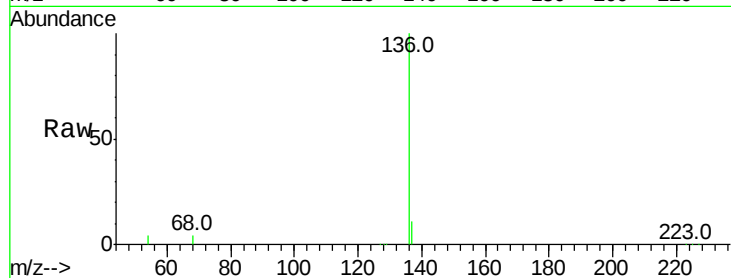
Ion Ratio Lower Upper

136 100

137 11.3 9.2 13.8

54 4.2 2.8 4.2#

68 3.6 2.5 3.7

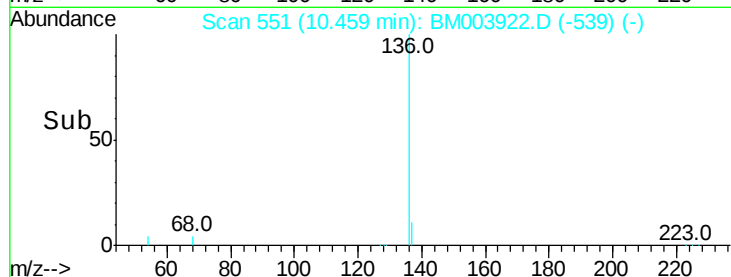


Abundance Ion 136.00 (135.70 to 136.70): E

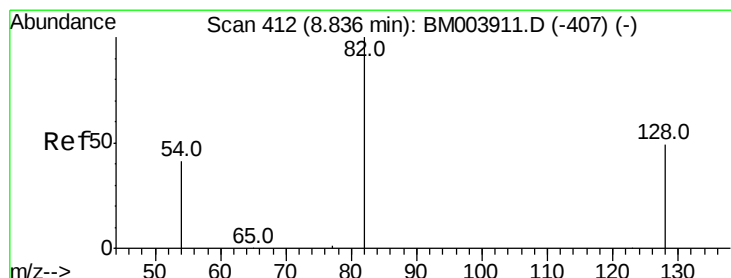
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 0.93 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

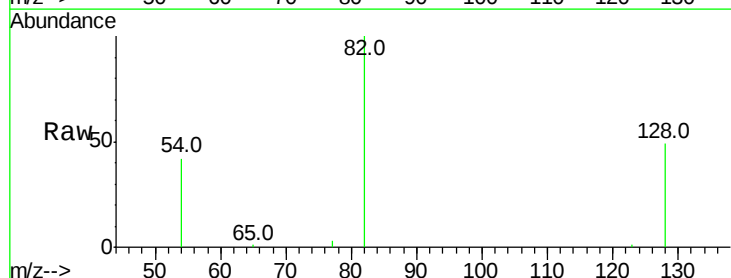
Tgt Ion: 82 Resp: 11272

Ion Ratio Lower Upper

82 100

128 49.3 39.1 58.7

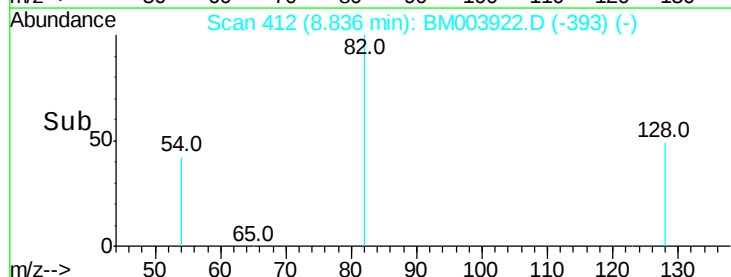
54 42.3 34.8 52.2



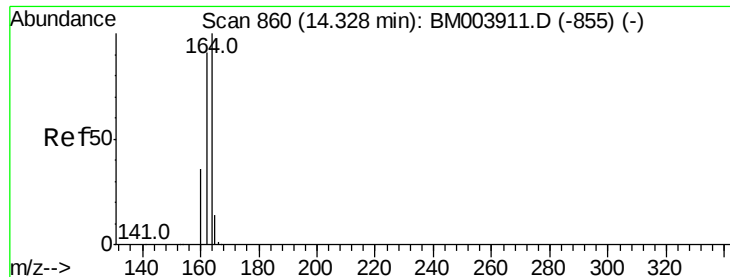
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.33 min Scan# 860

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

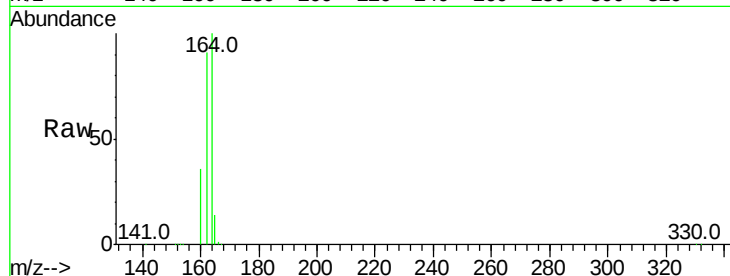
Tot Ion:164 Resp: 123681

Ion Ratio Lower Upper

164 100

162 90.8 86.0 129.0

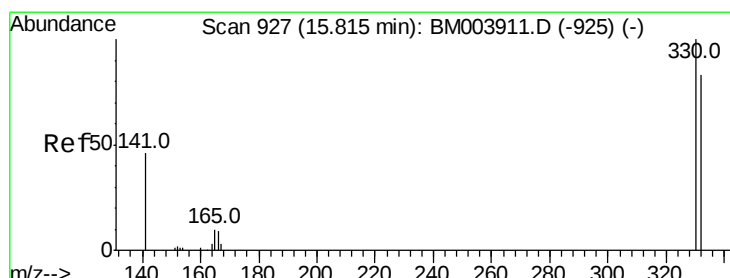
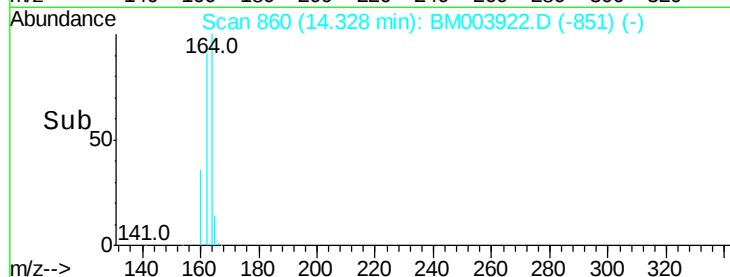
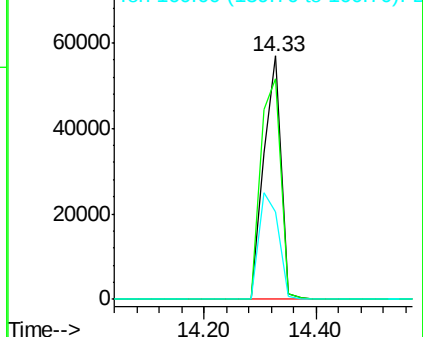
160 36.2 40.3 60.5#



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: 0.88 ng

RT: 15.82 min Scan# 927

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

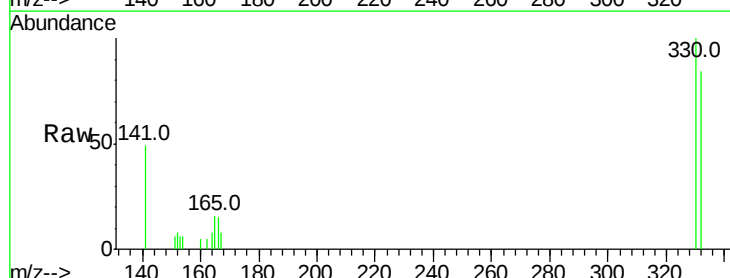
Tgt Ion:330 Resp: 2470

Ion Ratio Lower Upper

330 100

332 94.1 79.0 118.4

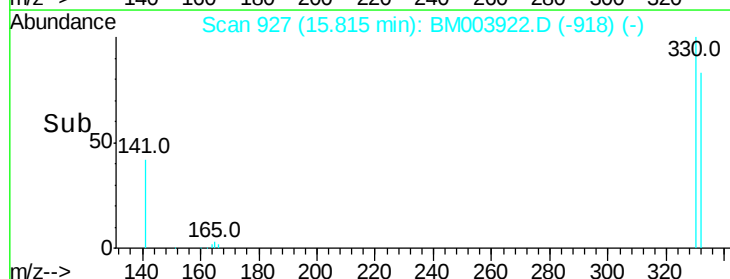
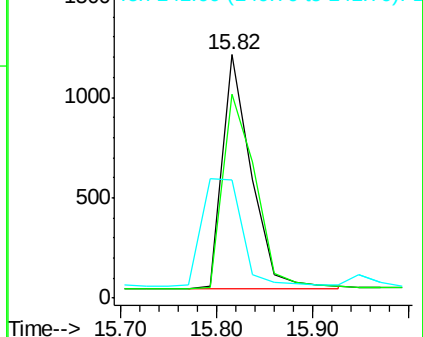
141 0.0 0.0 0.0

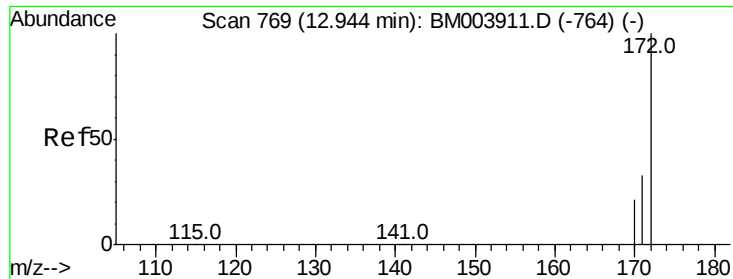


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

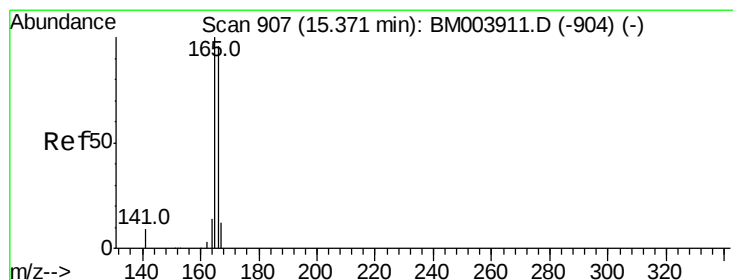
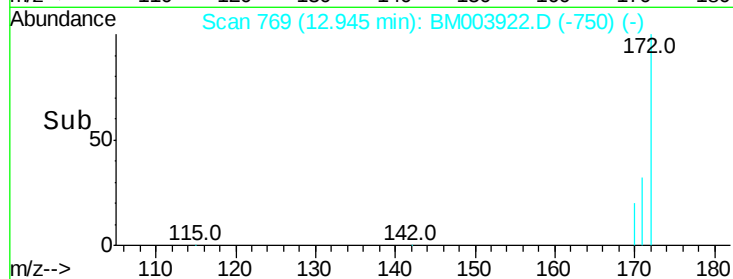
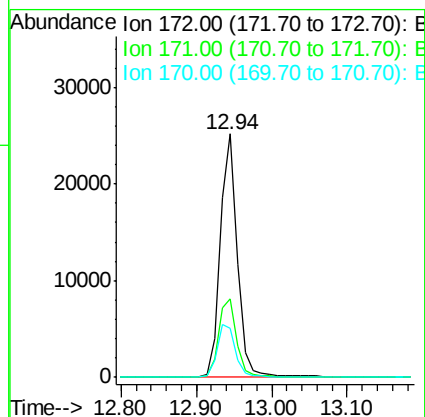
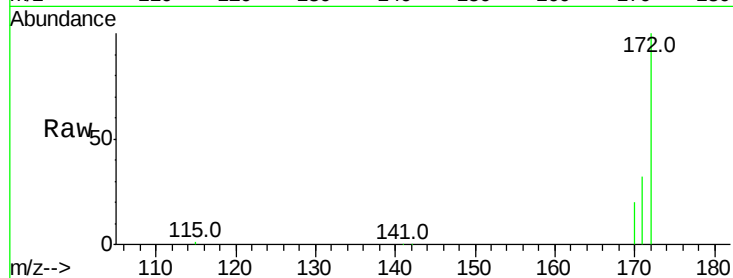




#15
2-Fluorobiphenyl
Concen: 1.00 ng
RT: 12.94 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003922.D
Acq: 31 Dec 2015 19:52

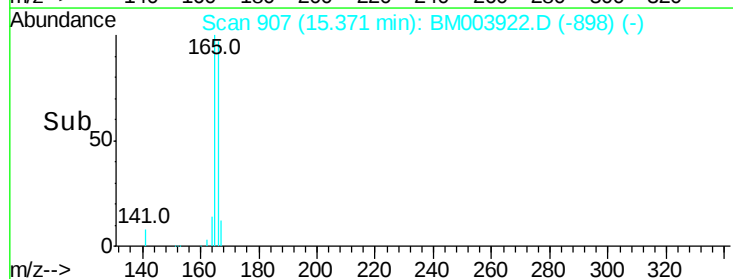
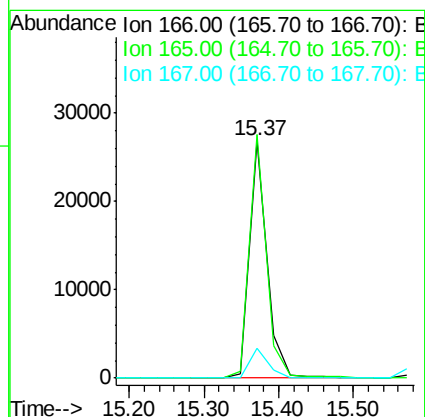
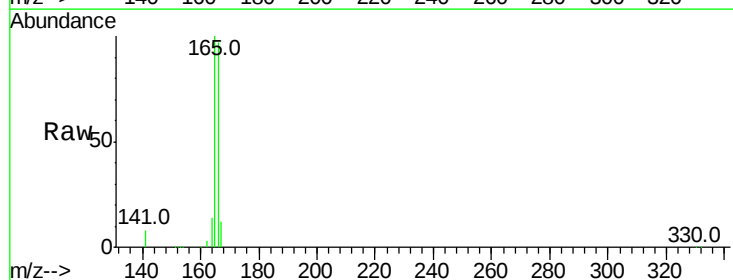
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

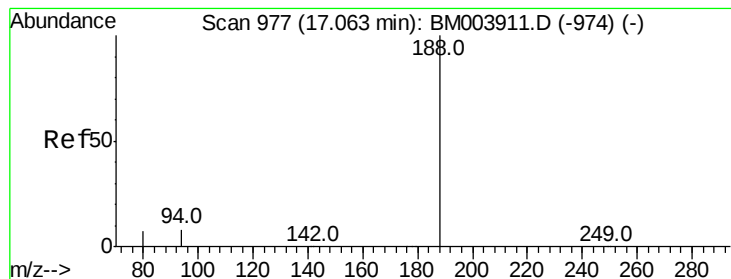
Tot Ion:172 Resp: 40035
Ion Ratio Lower Upper
172 100
171 32.2 27.0 40.6
170 20.4 17.9 26.9



#18
Fluorene
Concen: 1.02 ng
RT: 15.37 min Scan# 907
Delta R.T. 0.00 min
Lab File: BM003922.D
Acq: 31 Dec 2015 19:52

Tgt Ion:166 Resp: 43614
Ion Ratio Lower Upper
166 100
165 99.0 77.2 115.8
167 12.9 11.0 16.6





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 977

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

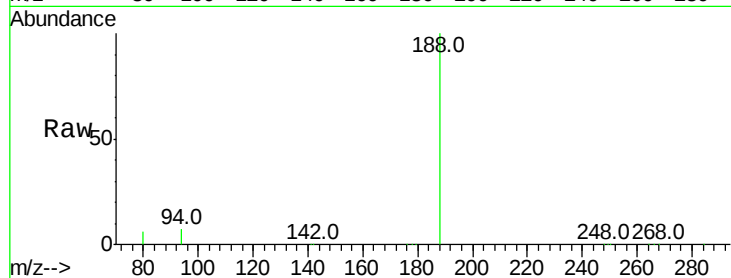
Tot Ion:188 Resp: 315202

Ion Ratio Lower Upper

188 100

94 6.8 20.3 30.5#

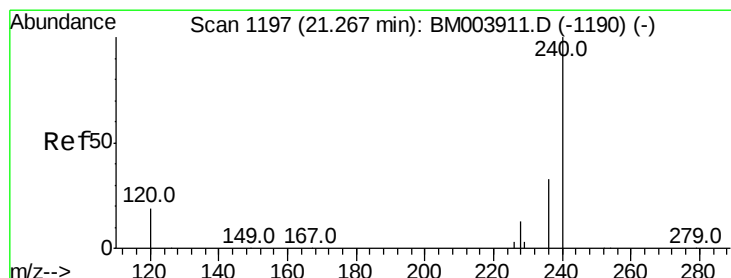
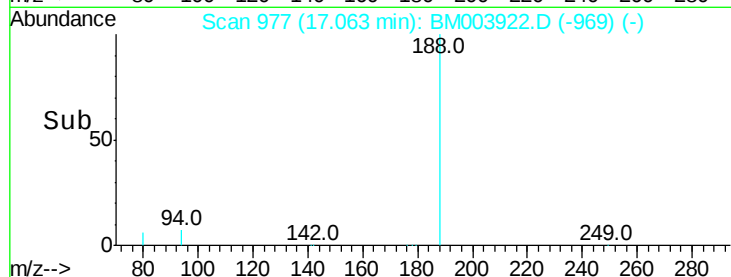
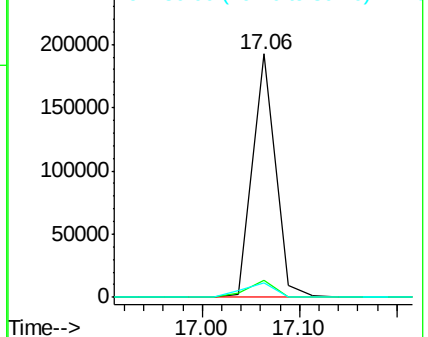
80 6.1 22.2 33.4#



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



#26

Chrysene-d12

Concen: 5.00 ng

RT: 21.27 min Scan# 1197

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

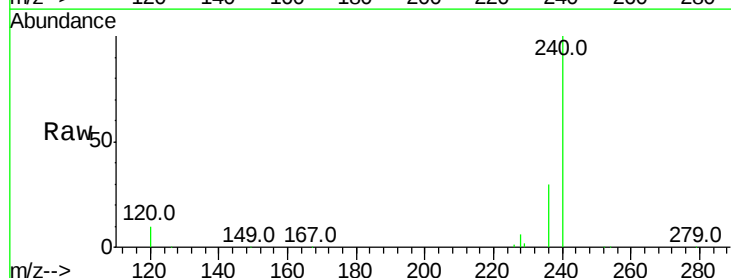
Tgt Ion:240 Resp: 194664

Ion Ratio Lower Upper

240 100

120 10.0 0.9 1.3#

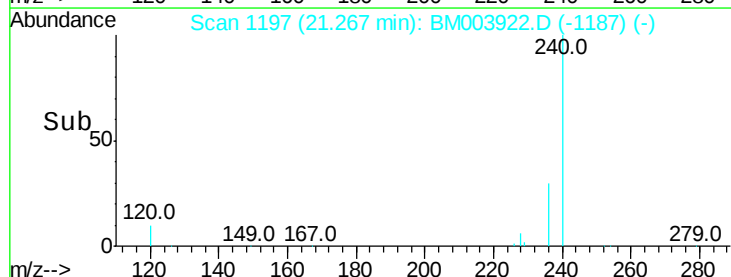
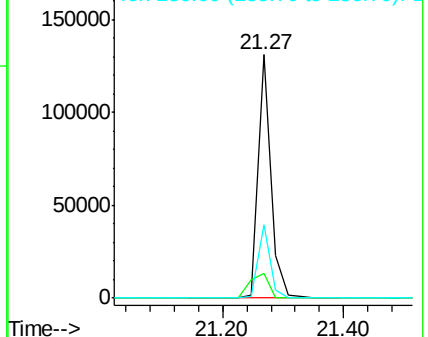
236 30.2 17.3 25.9#

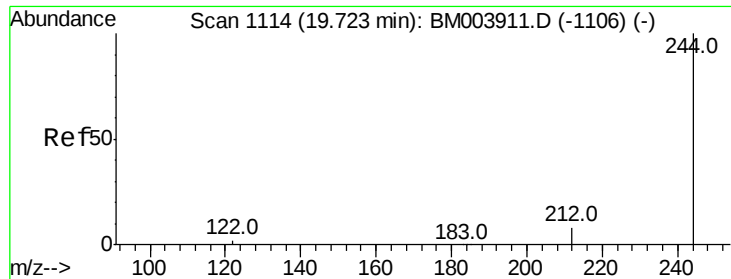


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.92 ng

RT: 19.71 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

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ClientSampleId :

SSTDCCC001EC

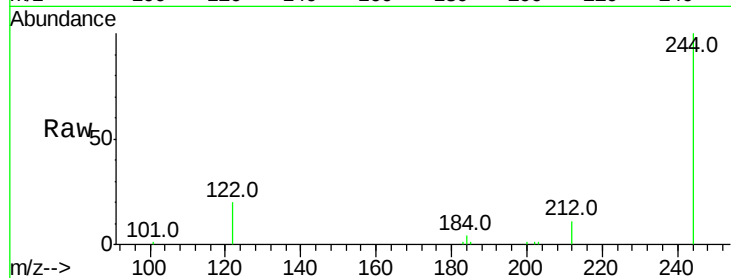
Tot Ion:244 Resp: 28883

Ion Ratio Lower Upper

244 100

212 11.2 7.0 10.6#

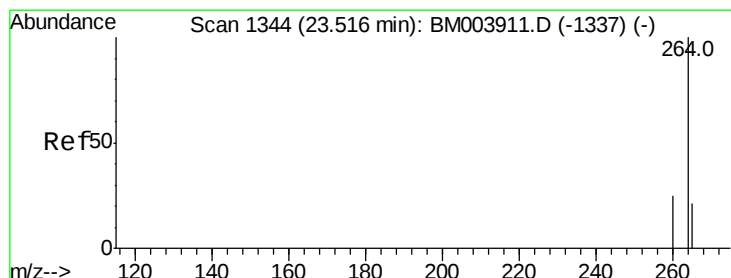
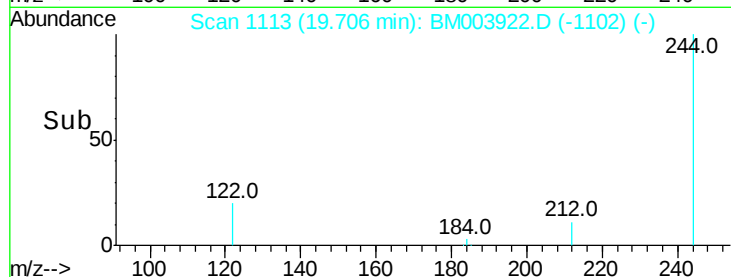
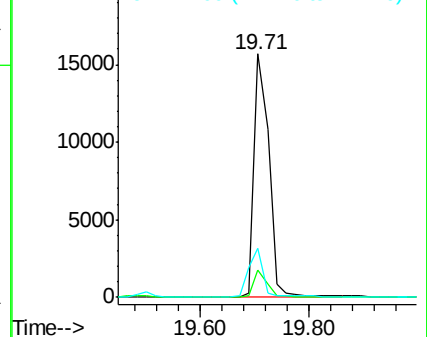
122 20.2 3.0 4.6#



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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.51 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

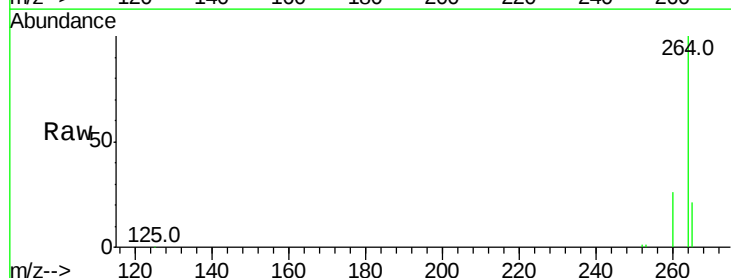
Tgt Ion:264 Resp: 141264

Ion Ratio Lower Upper

264 100

260 26.4 21.2 31.8

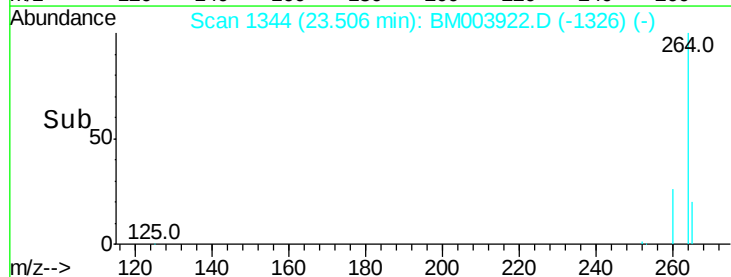
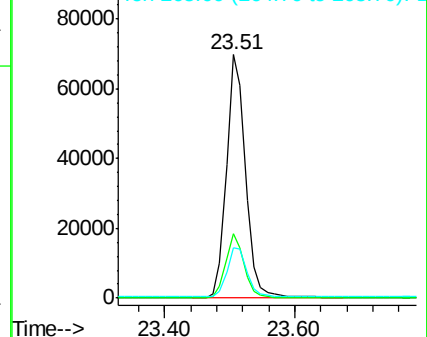
265 20.8 16.7 25.1

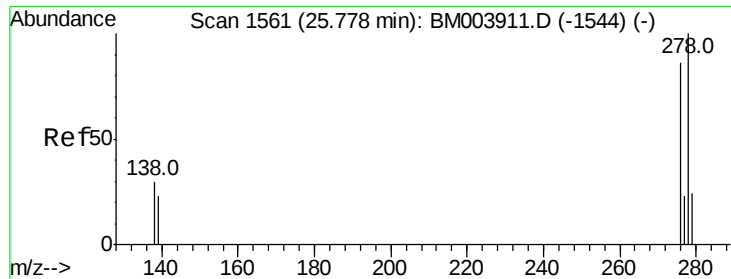


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#39

Dibenzo(a,h)anthracene

Concen: 1.02 ng

RT: 25.77 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

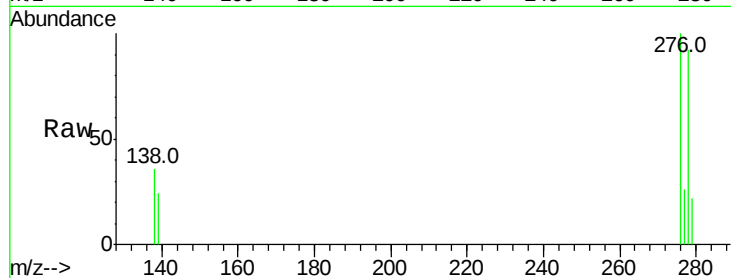
Tot Ion:278 Resp: 32078

Ion Ratio Lower Upper

278 100

139 25.9 19.0 28.6

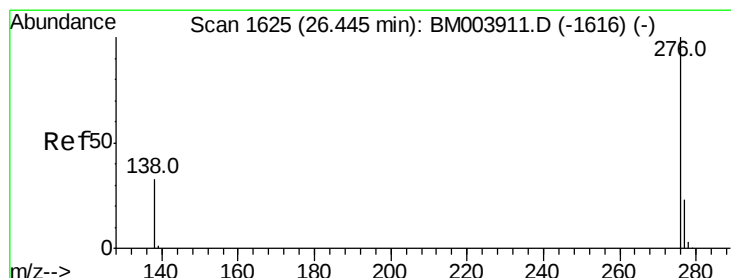
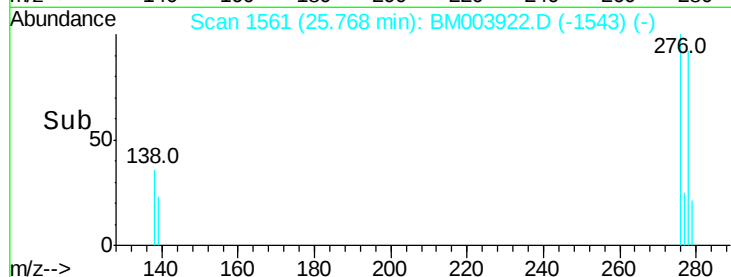
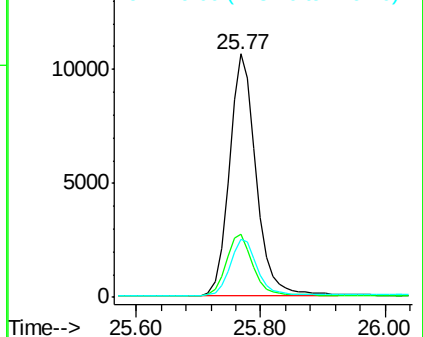
279 23.8 19.6 29.4



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: 1.02 ng

RT: 26.45 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BM003922.D

Acq: 31 Dec 2015 19:52

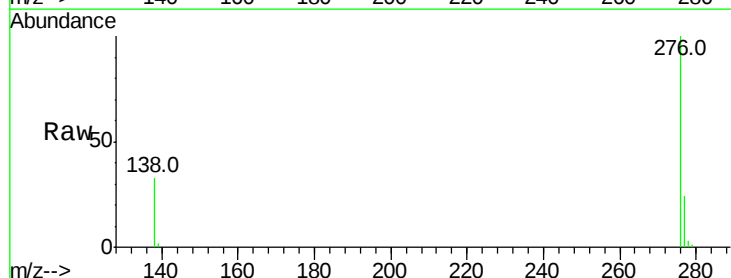
Tgt Ion:276 Resp: 33999

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 32.7 25.0 37.4



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

