

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112715\
 Data File : BM003316.D
 Acq On : 27 Nov 2015 22:09
 Operator : UM/IZ
 Sample : G4510-09MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-14A-111815MSD

Quant Time: Nov 28 01:14:09 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 16:36:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	72637	5.00	ng	0.00
7) Naphthalene-d8	10.53	136	295706	5.00	ng	0.00
13) Acenaphthene-d10	14.37	164	142725	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	271625	5.00	ng	0.00
26) Chrysene-d12	21.33	240	194424	5.00	ng	0.01
35) Perylene-d12	23.58	264	192696	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	45220	3.16	ng	0.00
5) Phenol-d6	6.90	99	41520	2.53	ng	0.00
8) Nitrobenzene-d5	8.89	82	47124	3.58	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	30916	9.29	ng	0.02
15) 2-Fluorobiphenyl	13.00	172	171666	3.73	ng	0.00
29) Terphenyl-d14	19.76	244	138927	5.13	ng	0.00

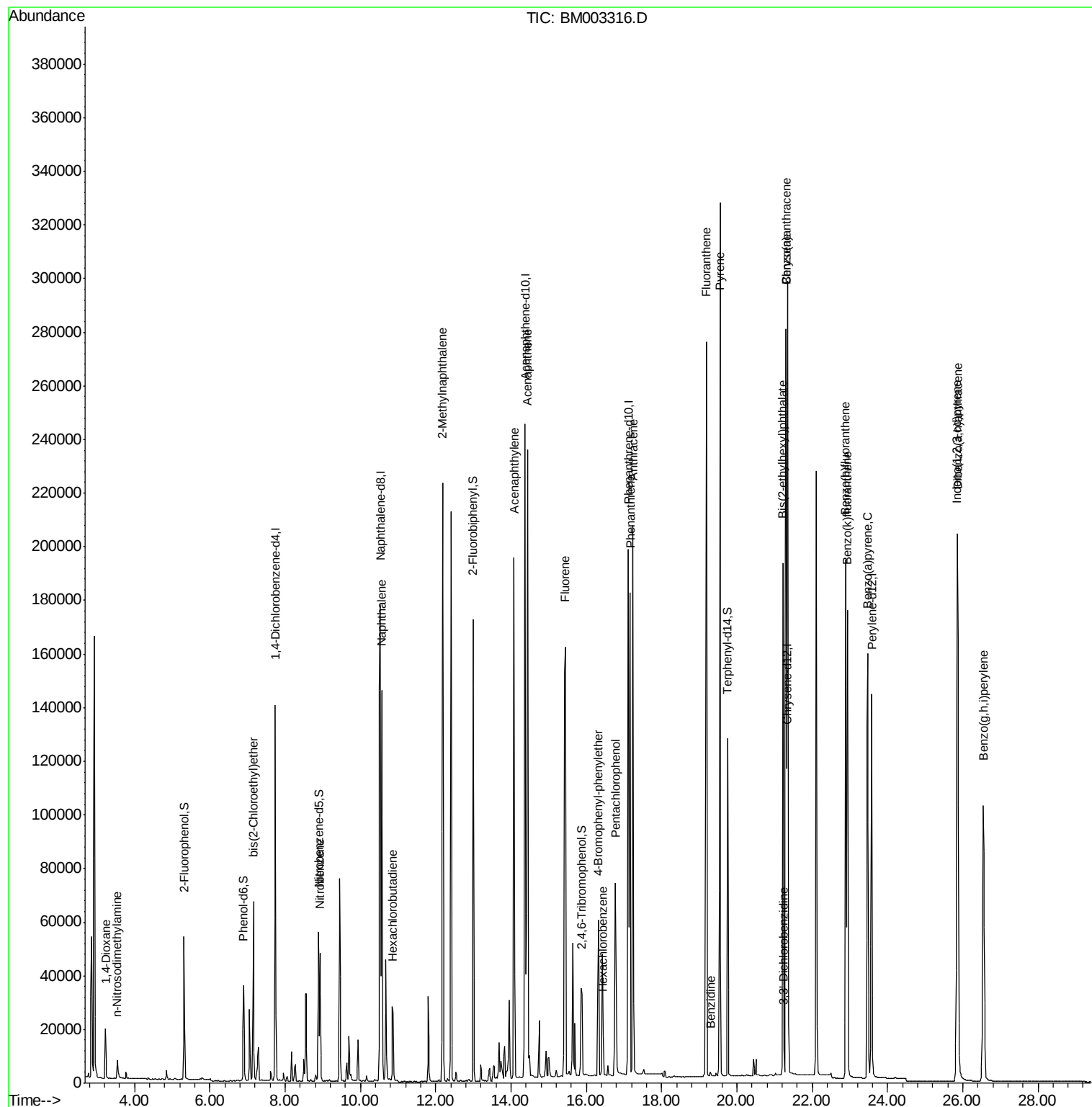
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	13020	2.05	ng	97
3) n-Nitrosodimethylamine	3.54	42	6418	0.96	ng	# 98
6) bis(2-Chloroethyl)ether	7.16	93	47370	2.82	ng	99
9) Nitrobenzene	8.93	77	48662	3.38	ng	97
10) Naphthalene	10.56	128	223955	3.50	ng	99
11) Hexachlorobutadiene	10.85	225	25483	2.62	ng	98
12) 2-Methylnaphthalene	12.18	142	167179	4.17	ng	98
16) Acenaphthylene	14.08	152	235404	4.50	ng	99
17) Acenaphthene	14.44	154	155018	3.84	ng	# 100
18) Fluorene	15.44	166	165844	4.07	ng	96
20) 4-Bromophenyl-phenylether	16.32	248	40583	4.00	ng	# 30
21) Hexachlorobenzene	16.45	284	38511	4.04	ng	# 51
22) Pentachlorophenol	16.78	266	55459	9.88	ng	# 84
23) Phenanthrene	17.17	178	255131	4.12	ng	96
24) Anthracene	17.24	178	264814	5.23	ng	96
25) Fluoranthene	19.19	202	282208	4.76	ng	99
27) Benzidine	19.31	184	170	0.13	ng	# 1
28) Pyrene	19.55	202	297281	5.00	ng	99
30) Benzo(a)anthracene	21.31	228	242246	4.92	ng	98
31) 3,3'-Dichlorobenzidine	21.25	252	2707	0.42	ng	# 96
32) Chrysene	21.31	228	242211	4.40	ng	# 83
33) Bis(2-ethylhexyl)phthalate	21.23	149	194552	7.47	ng	# 97
34) Indeno(1,2,3-cd)pyrene	25.85	276	242205	5.37	ng	# 80
36) Benzo(b)fluoranthene	22.89	252	241526	4.36	ng	97
37) Benzo(k)fluoranthene	22.94	252	236709	4.75	ng	98
38) Benzo(a)pyrene	23.48	252	226626	5.13	ng	98
39) Dibenzo(a,h)anthracene	25.86	278	192169	5.03	ng	96
40) Benzo(g,h,i)perylene	26.55	276	207701	4.53	ng	96

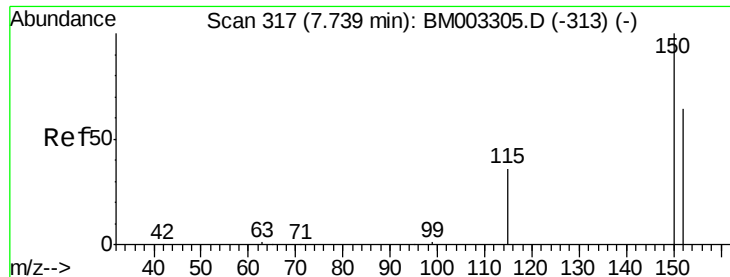
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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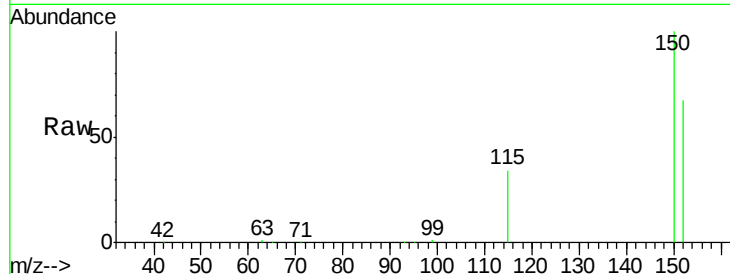


#1

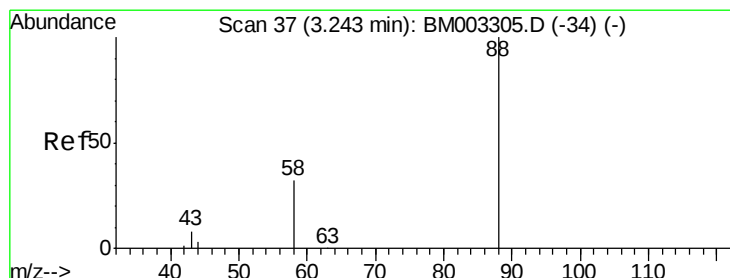
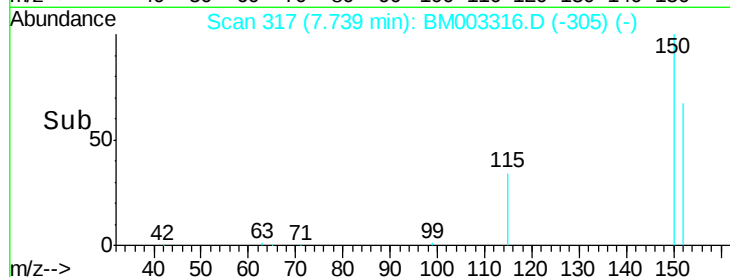
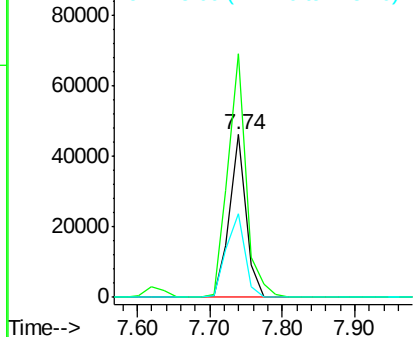
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.74 min Scan# 317
Delta R.T. 0.00 min
Lab File: BM003316.D
Acq: 27 Nov 2015 22:09

Instrument :
BNA_M
ClientSampleId :
MW-14A-111815MSD

Tgt Ion: 152 Resp: 72637
Ion Ratio Lower Upper
152 100
150 149.6 143.6 215.4
115 51.3 58.5 87.7#



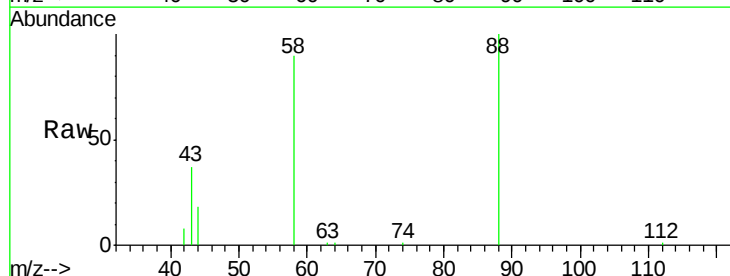
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



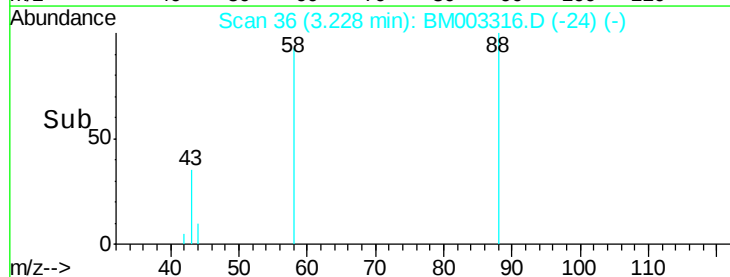
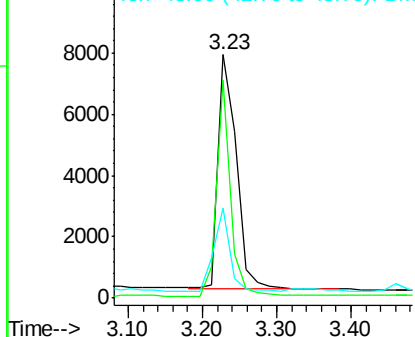
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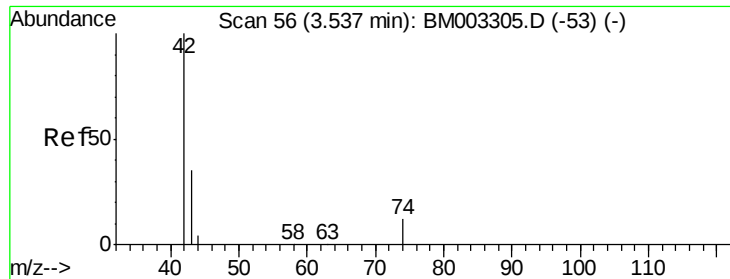
1,4-Dioxane
Concen: 2.05 ng
RT: 3.23 min Scan# 36
Delta R.T. -0.01 min
Lab File: BM003316.D
Acq: 27 Nov 2015 22:09

Tgt Ion: 88 Resp: 13020
Ion Ratio Lower Upper
88 100
58 70.3 55.2 82.8
43 31.3 21.8 32.6



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.96 ng

RT: 3.54 min Scan# 56

Delta R.T. 0.00 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

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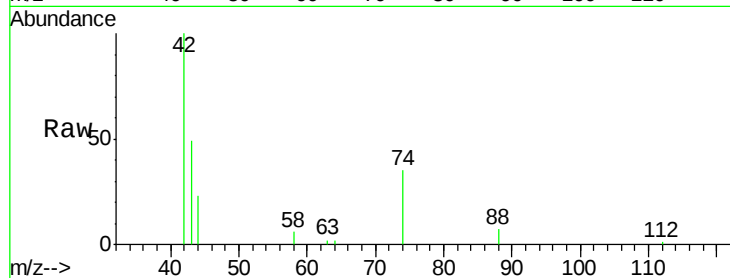
Tgt Ion: 42 Resp: 6418

Ion Ratio Lower Upper

42 100

74 124.5 101.0 151.4

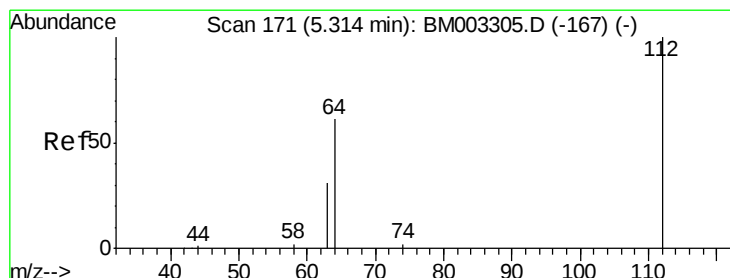
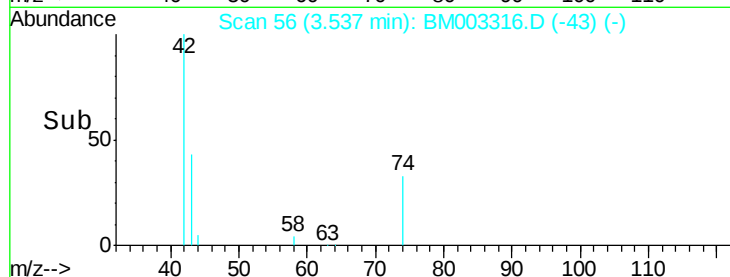
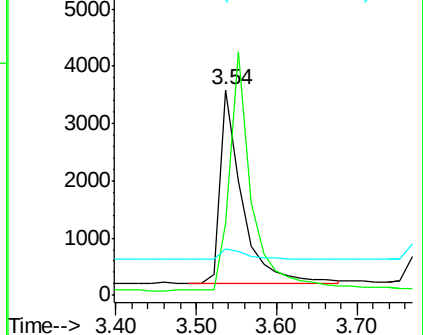
44 6.2 6.3 9.5#



Abundance Ion 42.00 (41.70 to 42.70): BM003305.D (-53) (-)

Ion 74.00 (73.70 to 74.70): BM003305.D (-53) (-)

Ion 44.00 (43.70 to 44.70): BM003305.D (-53) (-)



#4

2-Fluorophenol

Concen: 3.16 ng

RT: 5.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

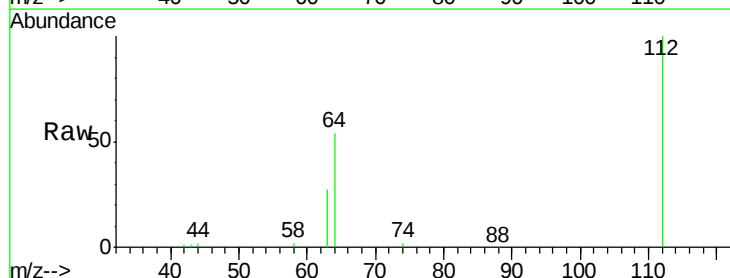
Tgt Ion: 112 Resp: 45220

Ion Ratio Lower Upper

112 100

64 51.3 41.2 61.8

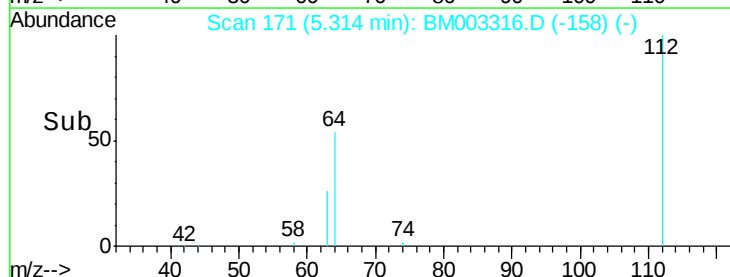
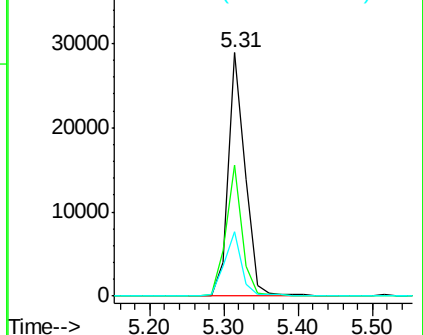
63 26.9 21.2 31.8

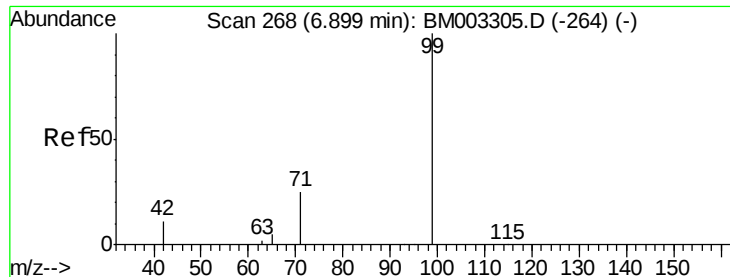


Abundance Ion 112.00 (111.70 to 112.70): BM003305.D (-167) (-)

Ion 64.00 (63.70 to 64.70): BM003305.D (-167) (-)

Ion 63.00 (62.70 to 63.70): BM003305.D (-167) (-)





#5

Phenol-d6

Concen: 2.53 ng

RT: 6.90 min Scan# 268

Delta R.T. 0.00 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

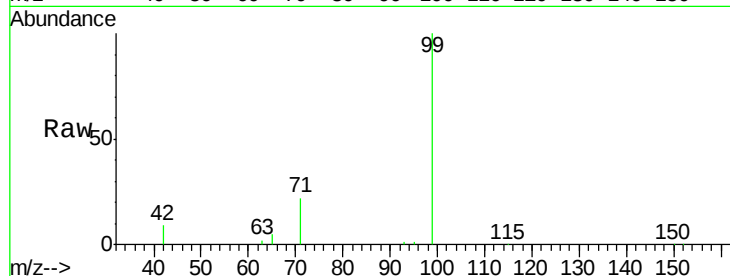
Tgt Ion: 99 Resp: 41520

Ion Ratio Lower Upper

99 100

42 18.2 14.6 22.0

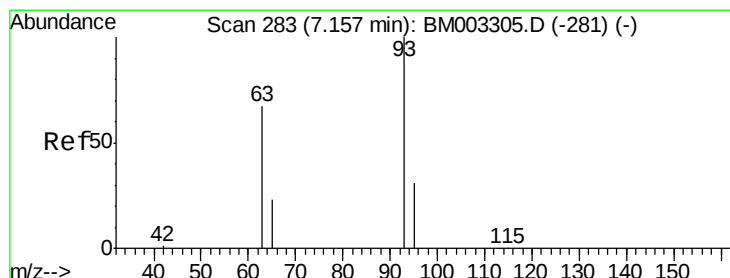
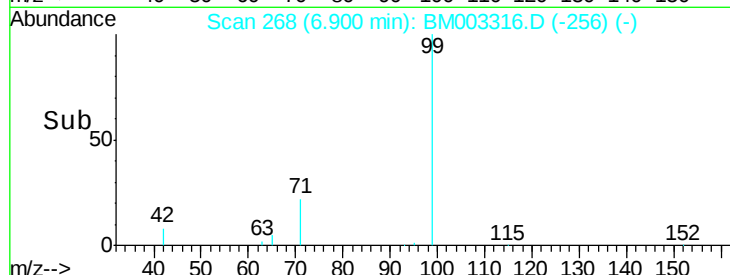
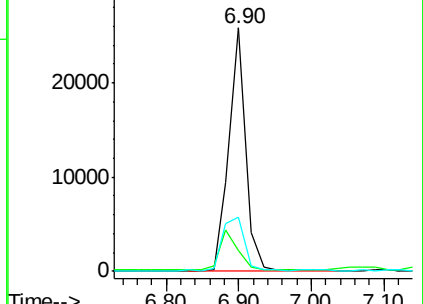
71 29.0 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003316.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM003316.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM003316.D (-256) (-)



#6

bis(2-Chloroethyl)ether

Concen: 2.82 ng

RT: 7.16 min Scan# 283

Delta R.T. 0.00 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

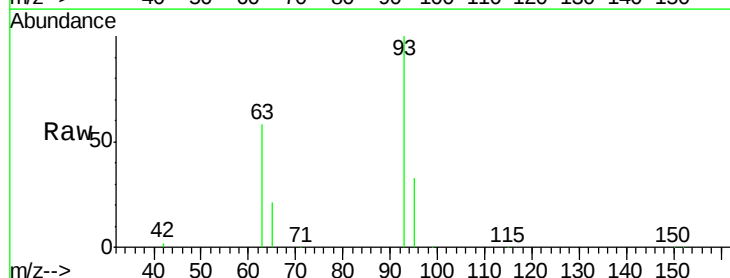
Tgt Ion: 93 Resp: 47370

Ion Ratio Lower Upper

93 100

63 71.5 58.2 87.4

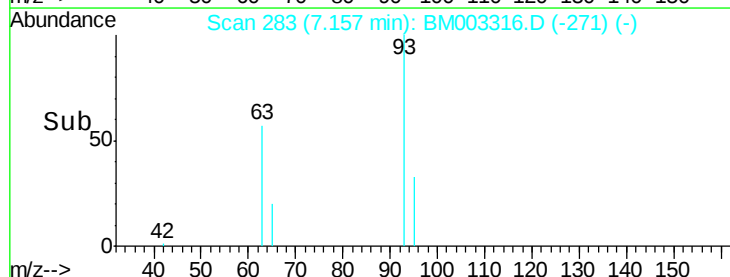
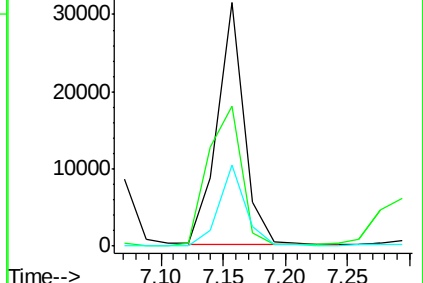
95 32.9 26.2 39.4

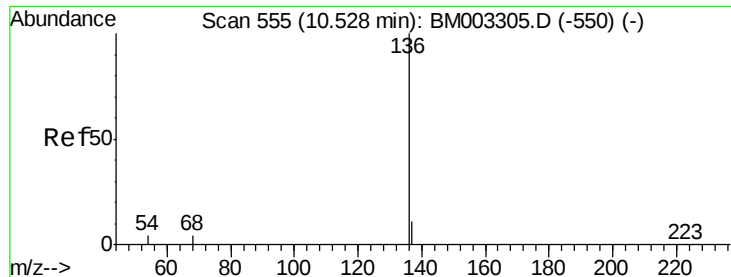


Abundance Ion 93.00 (92.70 to 93.70): BM003316.D (-271) (-)

Ion 63.00 (62.70 to 63.70): BM003316.D (-271) (-)

Ion 95.00 (94.70 to 95.70): BM003316.D (-271) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

Tgt Ion:136 Resp: 295706

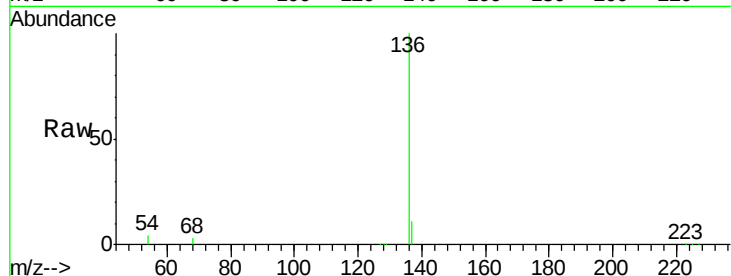
Ion Ratio Lower Upper

136 100

137 11.4 8.0 12.0

54 3.5 7.4 11.0#

68 3.3 5.8 8.6#

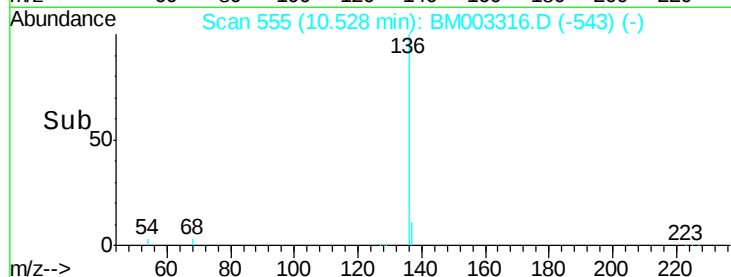


Abundance Ion 136.00 (135.70 to 136.70): E

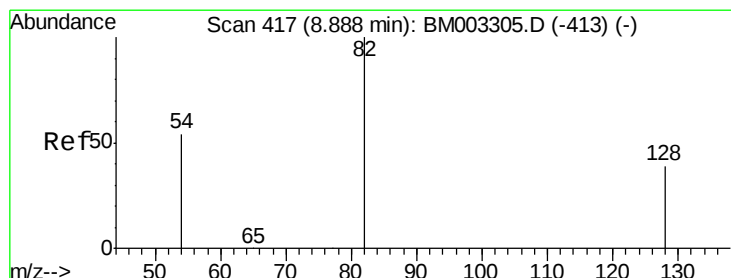
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#8

Nitrobenzene-d5

Concen: 3.58 ng

RT: 8.89 min Scan# 417

Delta R.T. 0.00 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

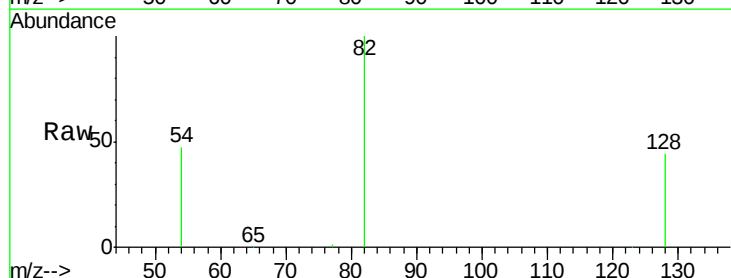
Tgt Ion: 82 Resp: 47124

Ion Ratio Lower Upper

82 100

128 44.0 35.2 52.8

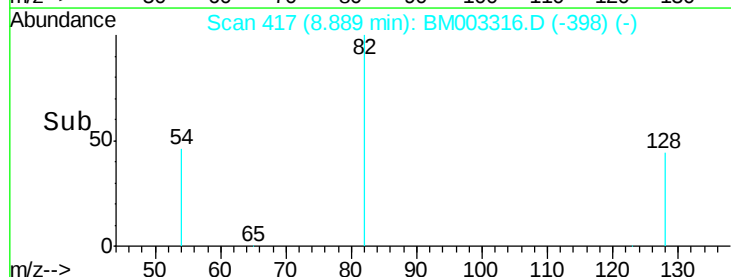
54 47.3 36.4 54.6



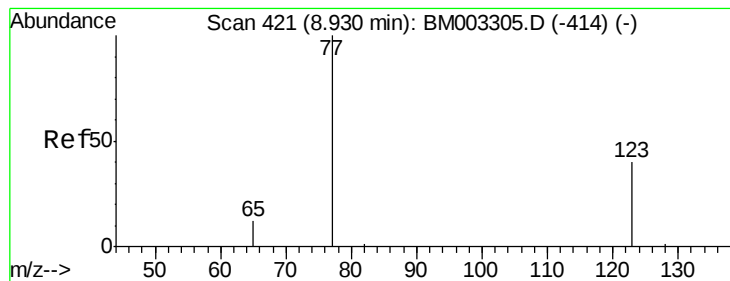
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time-->



#9

Nitrobenzene

Concen: 3.38 ng

RT: 8.93 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

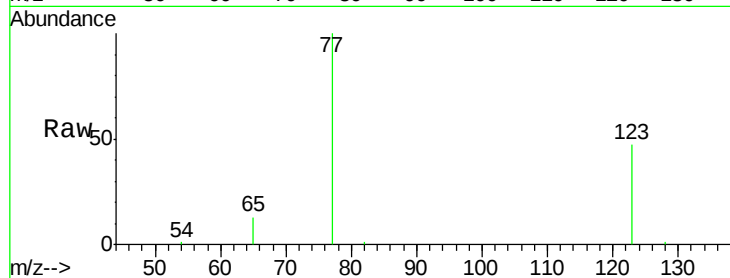
Tgt Ion: 77 Resp: 48662

Ion Ratio Lower Upper

77 100

123 49.4 37.7 56.5

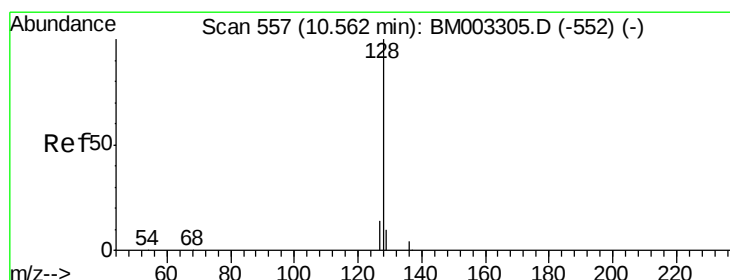
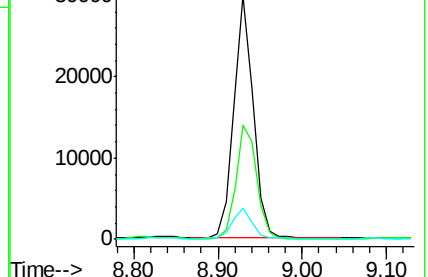
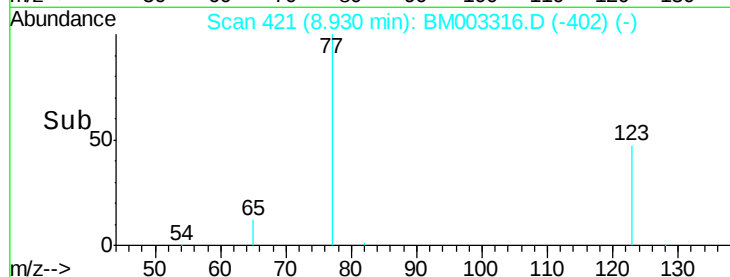
65 12.7 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003316.D (-402) (-)

Ion 123.00 (122.70 to 123.70): BM003316.D (-402) (-)

Ion 65.00 (64.70 to 65.70): BM003316.D (-402) (-)



#10

Naphthalene

Concen: 3.50 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

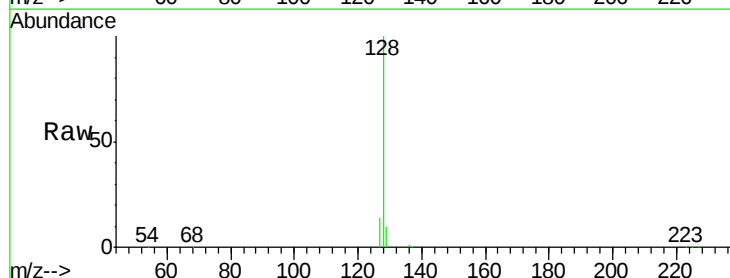
Tgt Ion: 128 Resp: 223955

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

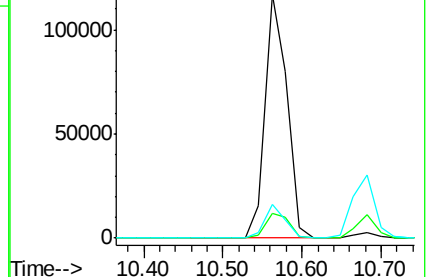
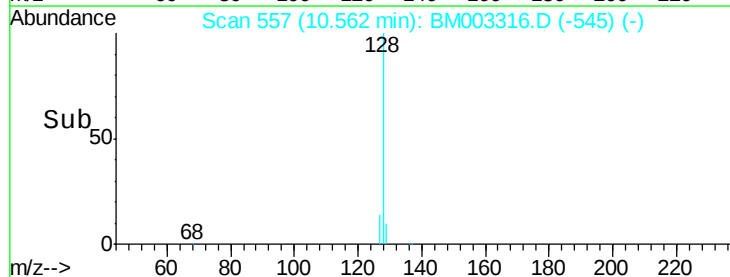
127 13.8 10.6 16.0

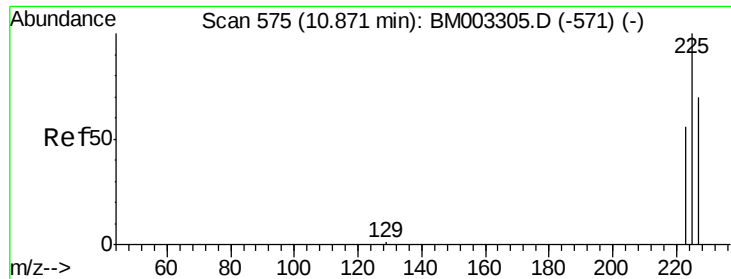


Abundance Ion 128.00 (127.70 to 128.70): BM003316.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM003316.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM003316.D (-545) (-)

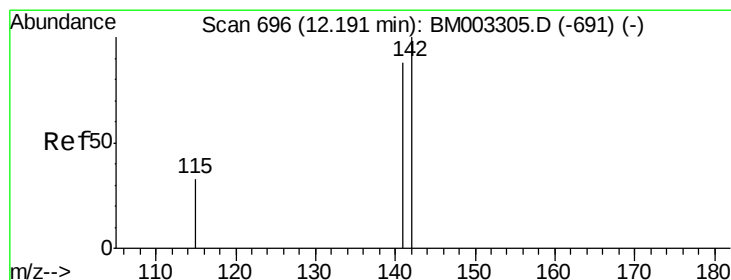
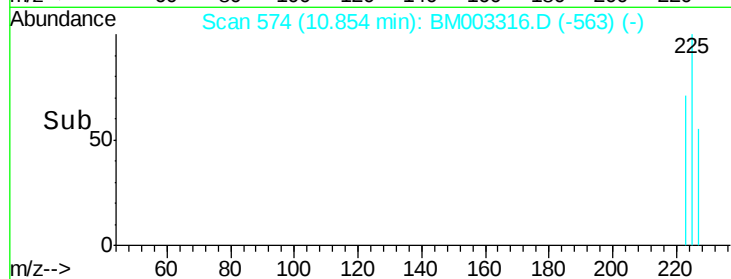
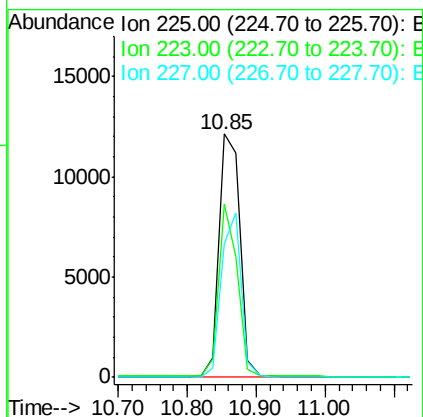
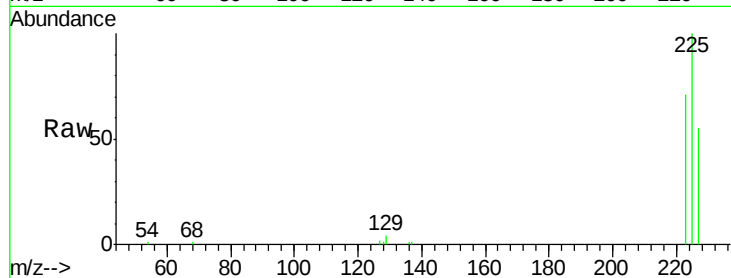




#11
Hexachlorobutadiene
Concen: 2.62 ng
RT: 10.85 min Scan# 574
Delta R.T. -0.02 min
Lab File: BM003316.D
Acq: 27 Nov 2015 22:09

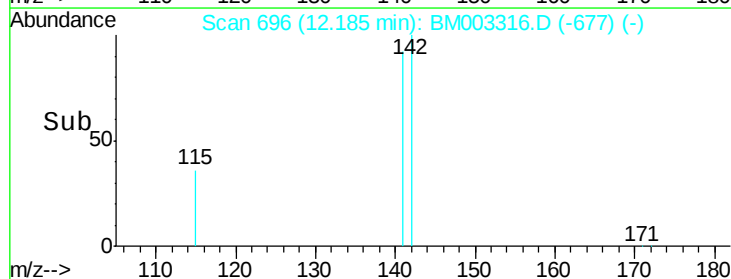
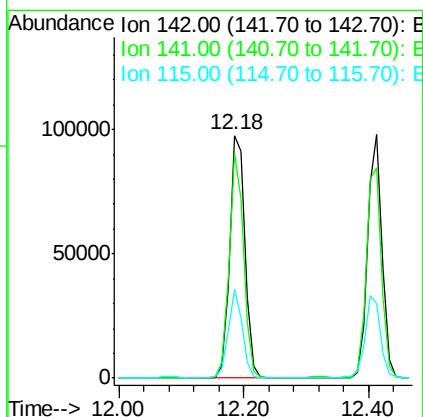
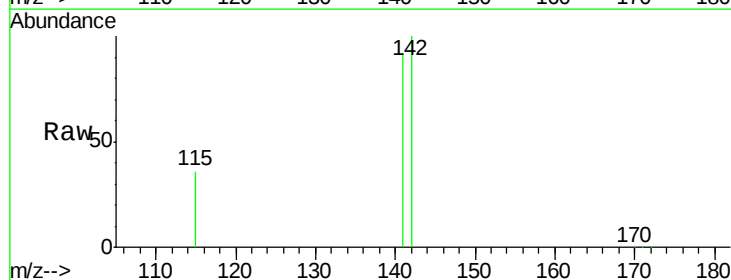
Instrument :
BNA_M
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MW-14A-111815MSD

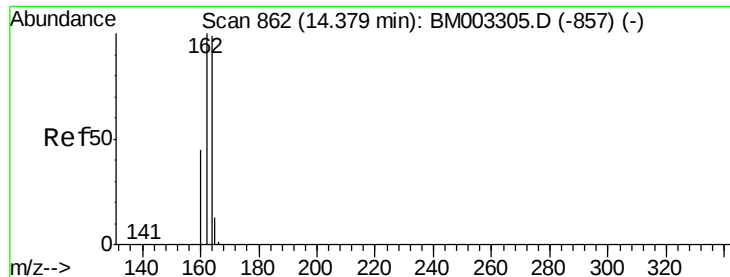
Tgt Ion: 225 Resp: 25483
Ion Ratio Lower Upper
225 100
223 64.2 53.0 79.4
227 64.4 52.2 78.4



#12
2-Methylnaphthalene
Concen: 4.17 ng
RT: 12.18 min Scan# 696
Delta R.T. -0.01 min
Lab File: BM003316.D
Acq: 27 Nov 2015 22:09

Tgt Ion: 142 Resp: 167179
Ion Ratio Lower Upper
142 100
141 92.3 72.2 108.2
115 36.3 28.0 42.0





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.37 min Scan# 862

Delta R.T. -0.01 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

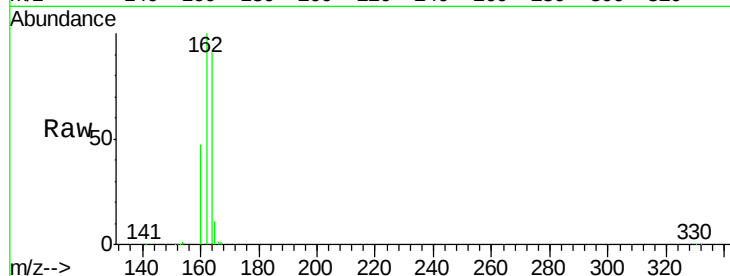
Tgt Ion:164 Resp: 142725

Ion Ratio Lower Upper

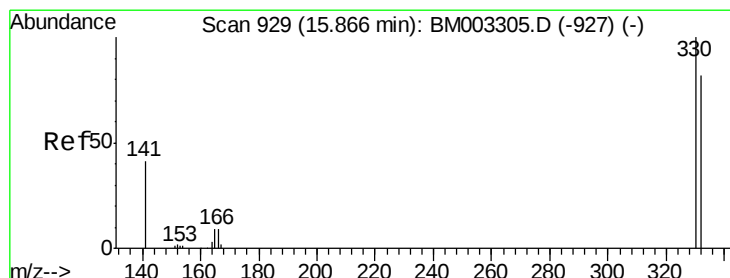
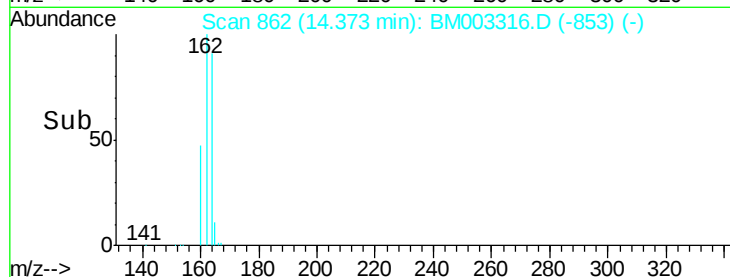
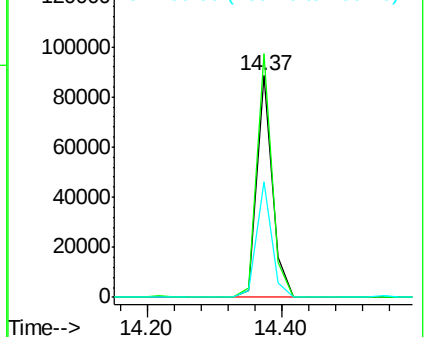
164 100

162 109.9 78.3 117.5

160 52.1 33.8 50.6#



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 9.29 ng

RT: 15.88 min Scan# 930

Delta R.T. 0.02 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

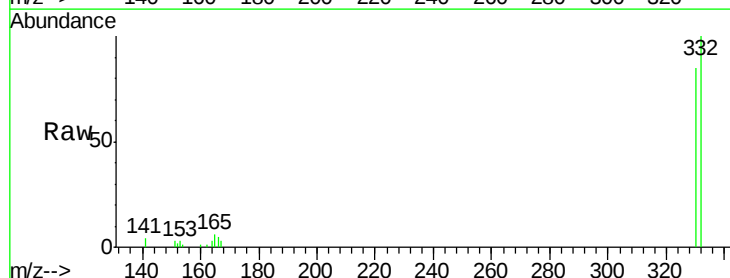
Tgt Ion:330 Resp: 30916

Ion Ratio Lower Upper

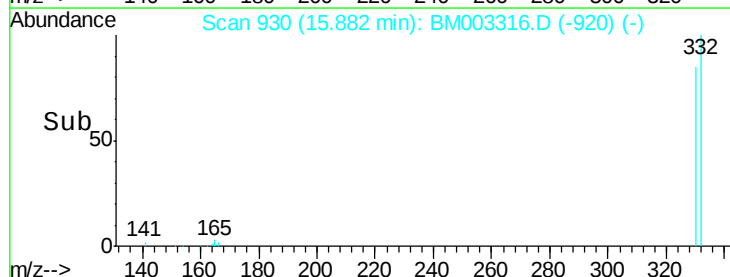
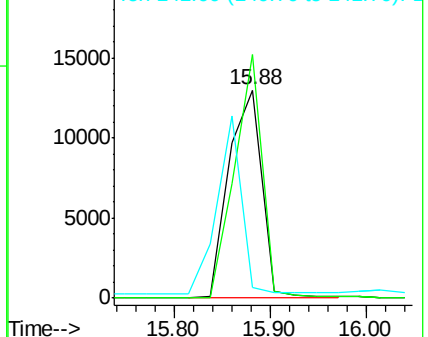
330 100

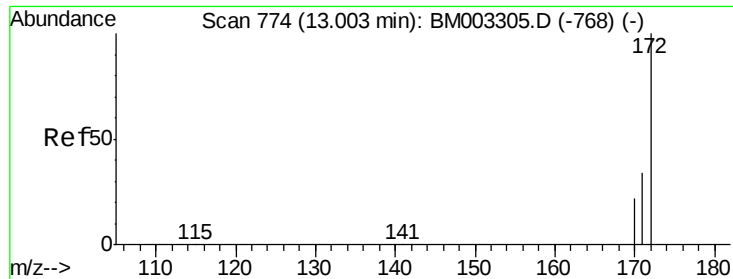
332 98.7 76.0 114.0

141 0.0 0.0 0.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

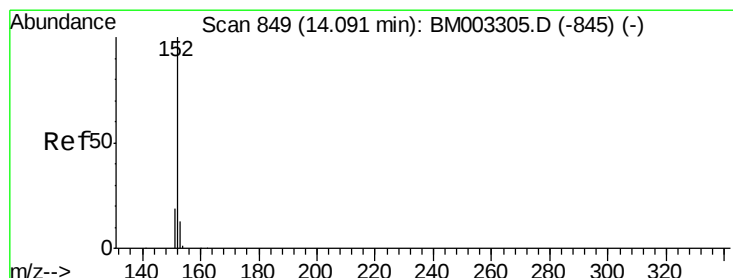
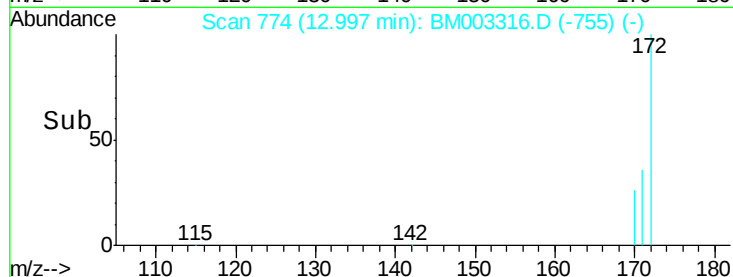
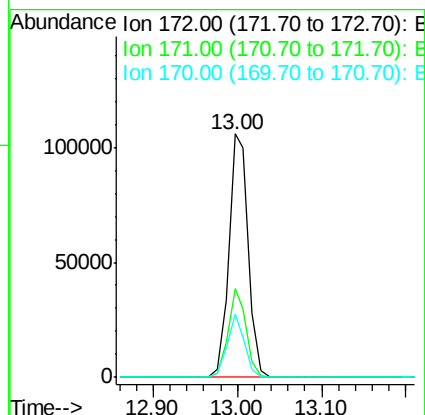
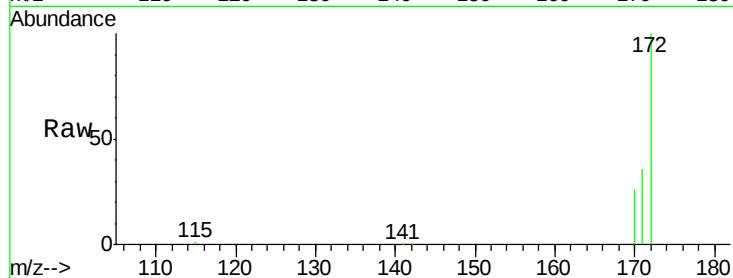




#15
2-Fluorobiphenyl
Concen: 3.73 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM003316.D
Acq: 27 Nov 2015 22:09

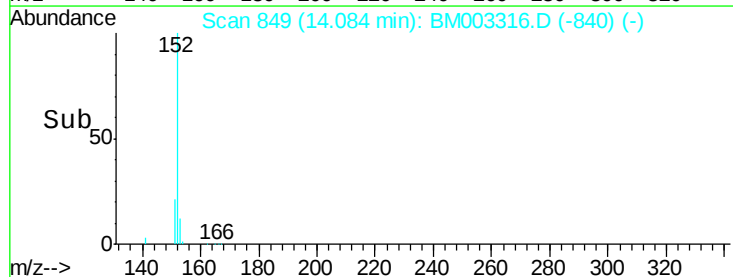
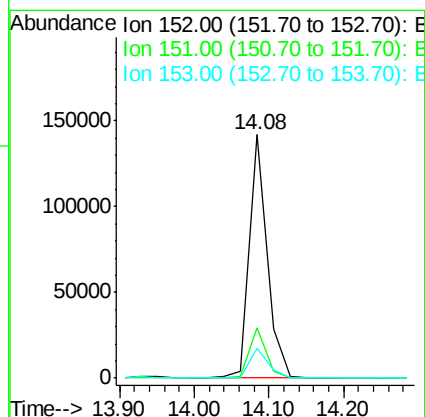
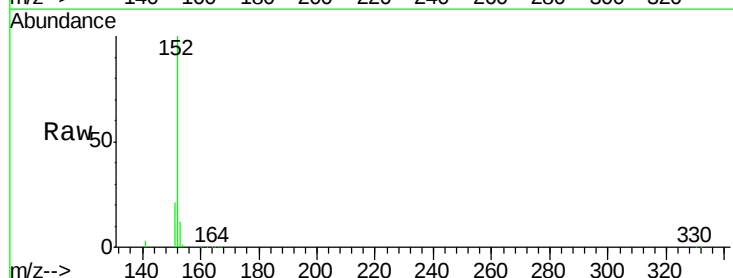
Instrument :
BNA_M
ClientSampleId :
MW-14A-111815MSD

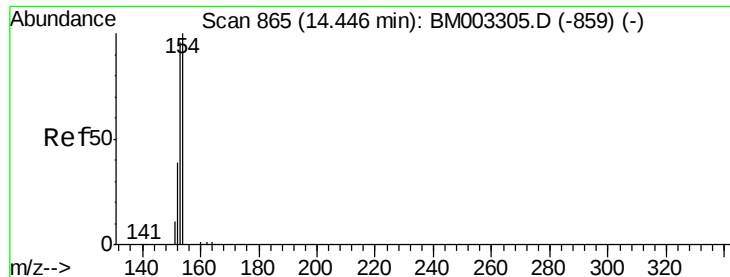
Tgt Ion:172 Resp: 171666
Ion Ratio Lower Upper
172 100
171 36.4 28.0 42.0
170 25.7 18.9 28.3



#16
Acenaphthylene
Concen: 4.50 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM003316.D
Acq: 27 Nov 2015 22:09

Tgt Ion:152 Resp: 235404
Ion Ratio Lower Upper
152 100
151 19.7 15.2 22.8
153 13.0 10.4 15.6





#17

Acenaphthene

Concen: 3.84 ng

RT: 14.44 min Scan# 865

Delta R.T. -0.01 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

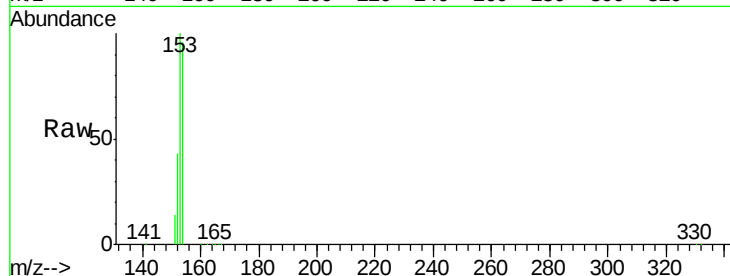
Tgt Ion:154 Resp: 155018

Ion Ratio Lower Upper

154 100

153 102.7 0.0 0.0#

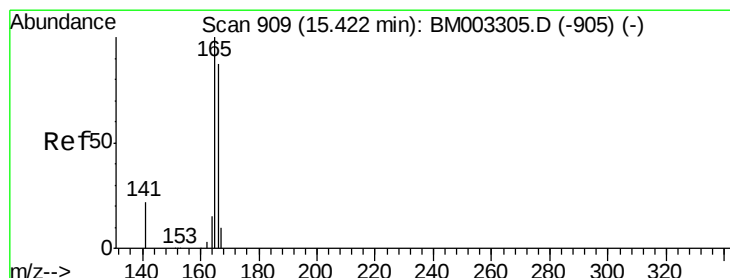
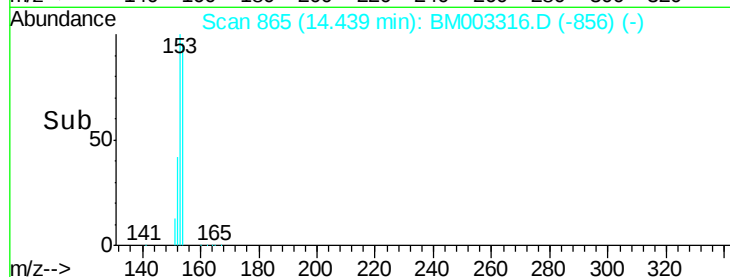
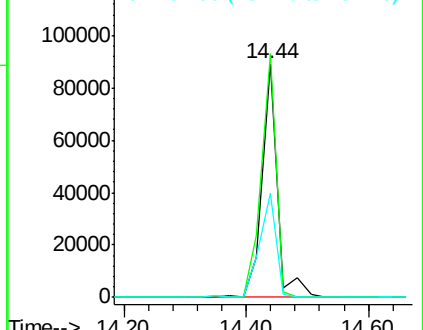
152 48.3 0.0 0.0#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 4.07 ng

RT: 15.44 min Scan# 910

Delta R.T. 0.02 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

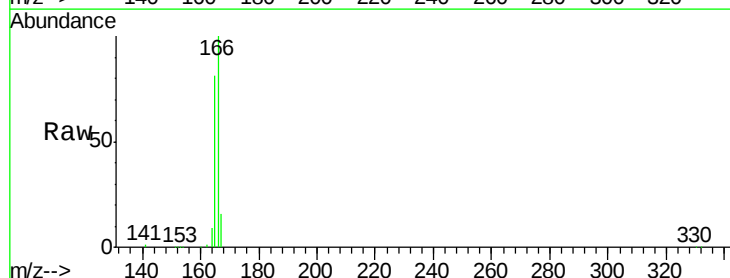
Tgt Ion:166 Resp: 165844

Ion Ratio Lower Upper

166 100

165 96.7 80.8 121.2

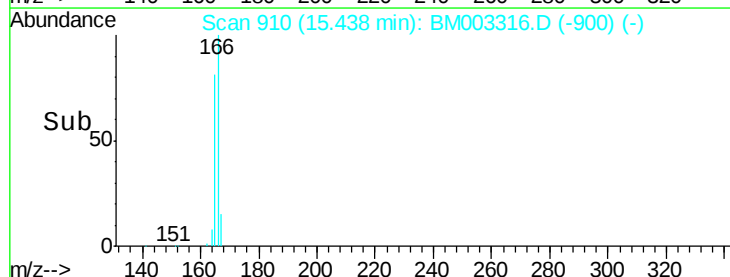
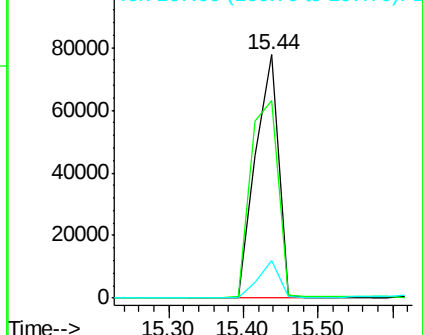
167 13.7 10.5 15.7

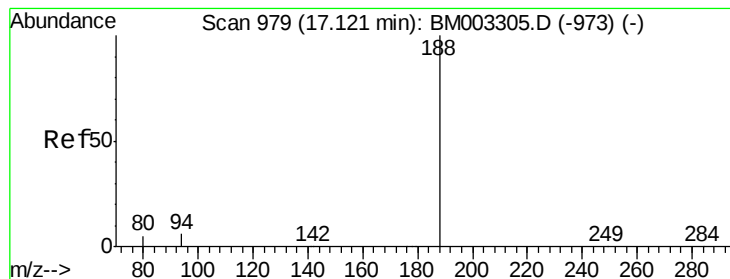


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.11 min Scan# 979

Delta R.T. -0.01 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

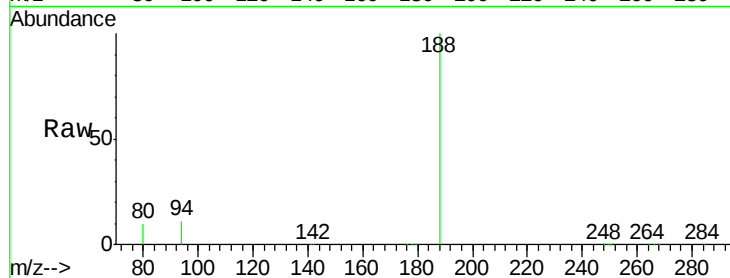
Tgt Ion:188 Resp: 271625

Ion Ratio Lower Upper

188 100

94 10.7 1.8 2.6#

80 10.0 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

200000

150000

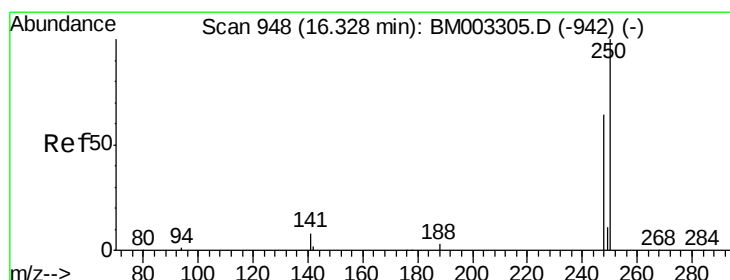
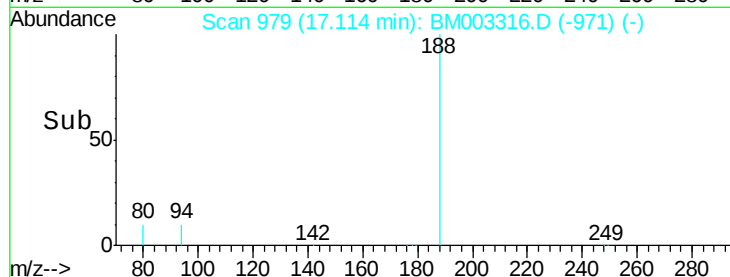
100000

50000

0

17.00 17.10 17.20

Time-->



#20

4-Bromophenyl-phenylether

Concen: 4.00 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

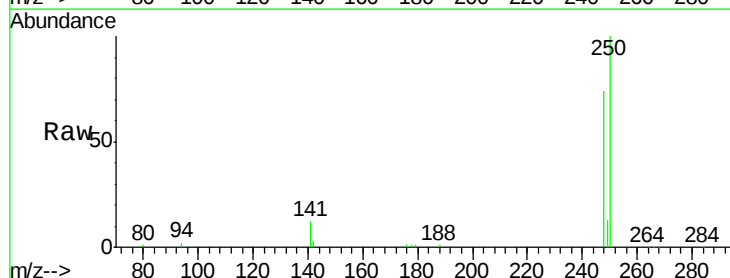
Tgt Ion:248 Resp: 40583

Ion Ratio Lower Upper

248 100

250 118.1 65.4 98.0#

141 0.0 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

40000

30000

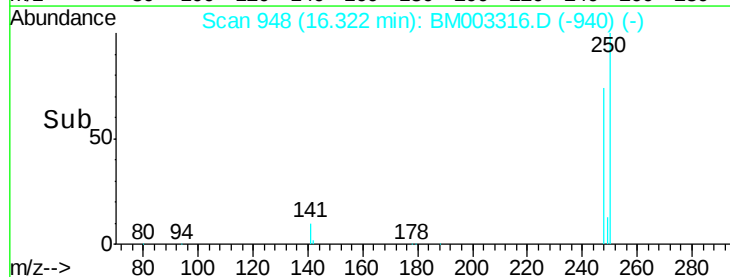
20000

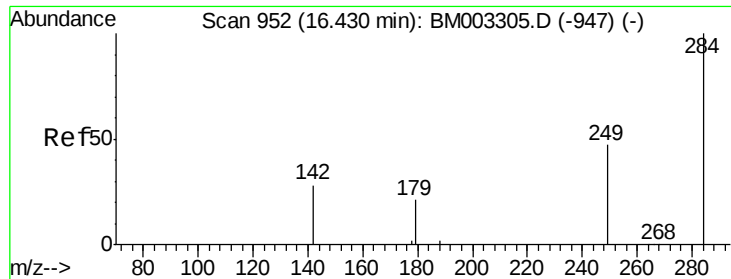
10000

0

16.20 16.32 16.40

Time-->

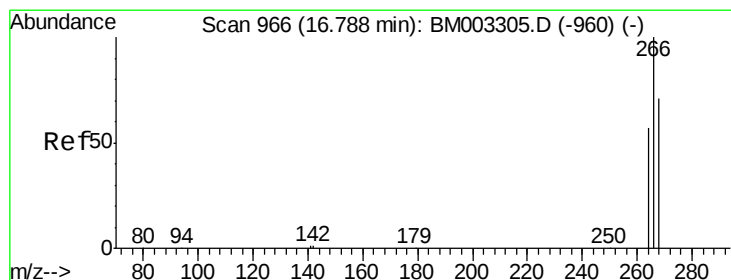
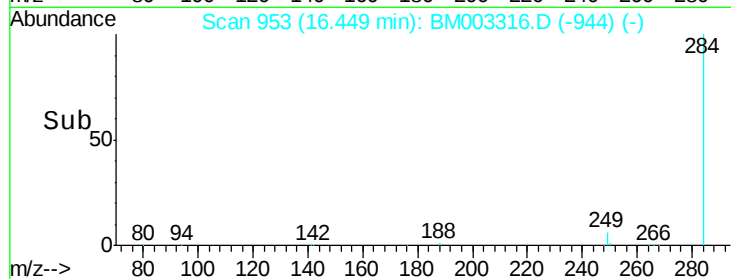
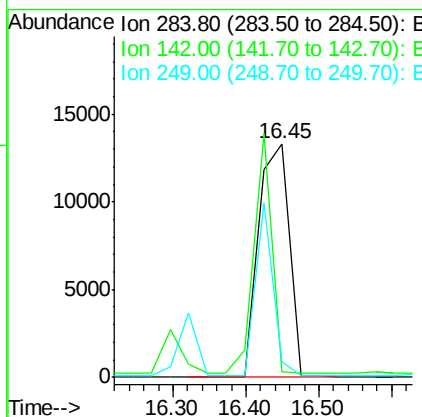
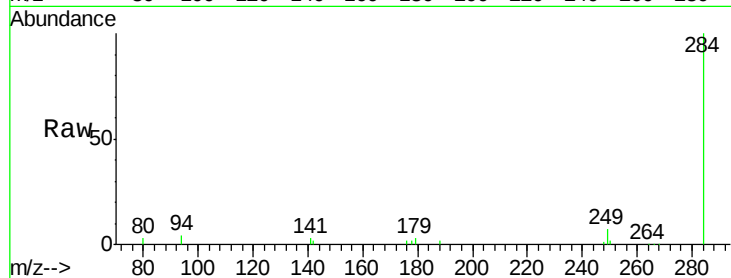




#21
Hexachlorobenzene
Concen: 4.04 ng
RT: 16.45 min Scan# 953
Delta R.T. 0.02 min
Lab File: BM003316.D
Acq: 27 Nov 2015 22:09

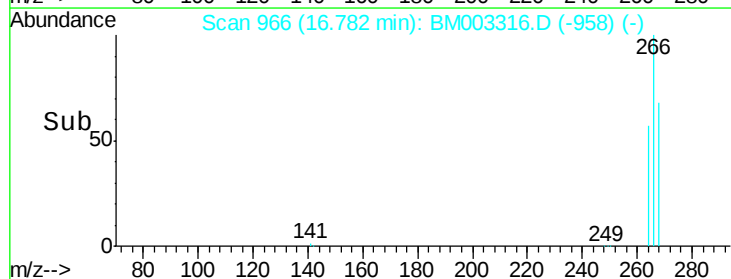
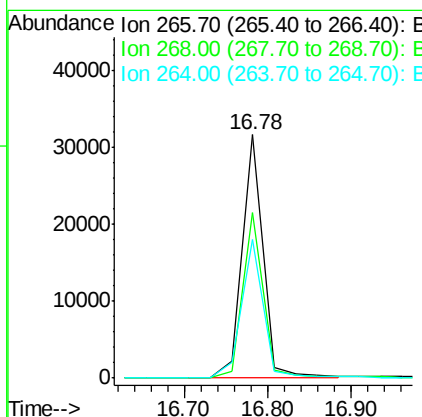
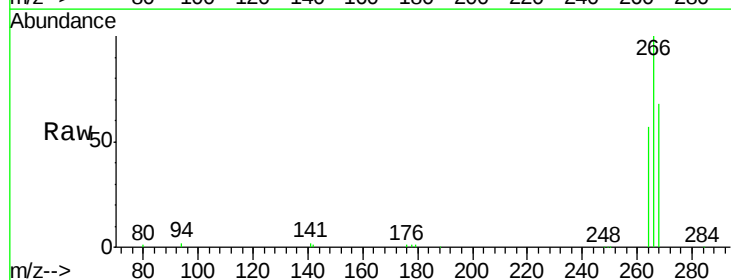
Instrument :
BNA_M
ClientSampleId :
MW-14A-111815MSD

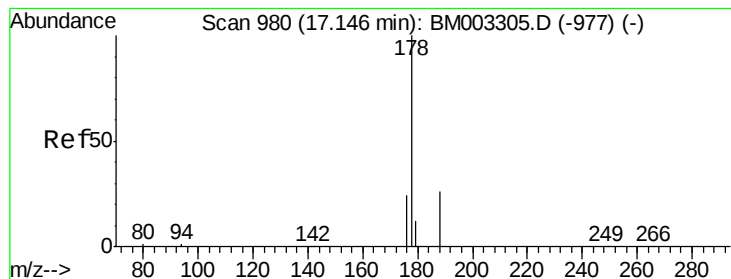
Tgt Ion:284 Resp: 38511
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 19.4 29.2#



#22
Pentachlorophenol
Concen: 9.88 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003316.D
Acq: 27 Nov 2015 22:09

Tgt Ion:266 Resp: 55459
Ion Ratio Lower Upper
266 100
268 68.1 45.8 68.8
264 56.7 56.7 85.1#





#23

Phenanthrene

Concen: 4.12 ng

RT: 17.17 min Scan# 981

Delta R.T. 0.02 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

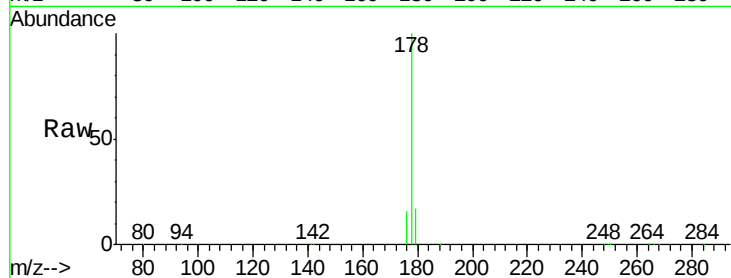
Tgt Ion:178 Resp: 255131

Ion Ratio Lower Upper

178 100

176 18.1 15.9 23.9

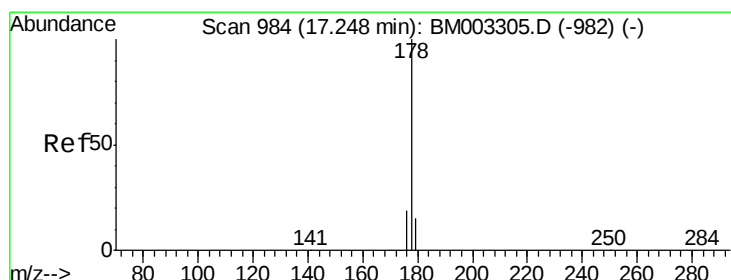
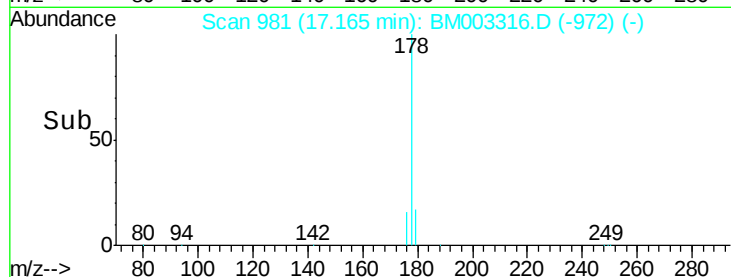
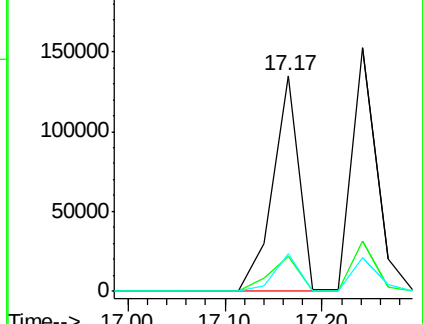
179 16.1 11.7 17.5



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: 5.23 ng

RT: 17.24 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

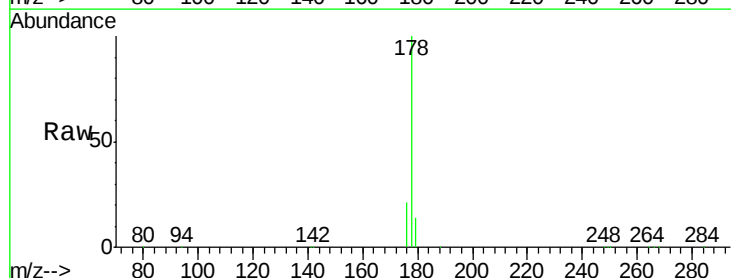
Tgt Ion:178 Resp: 264814

Ion Ratio Lower Upper

178 100

176 20.0 14.1 21.1

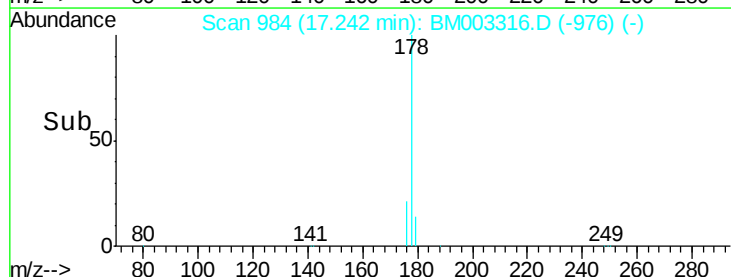
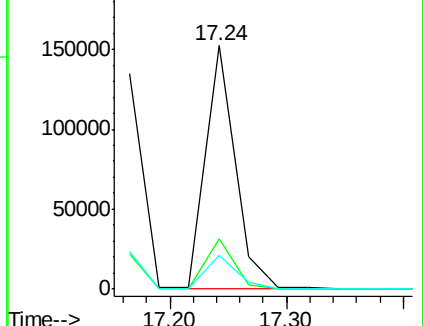
179 14.6 12.8 19.2

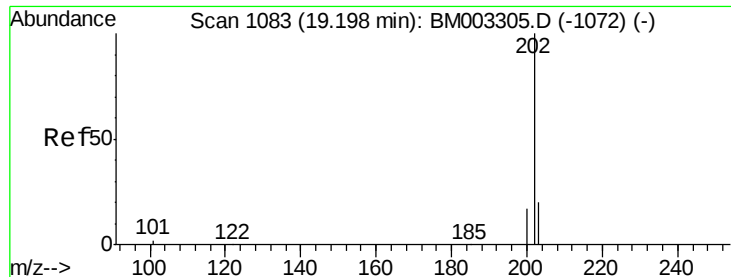


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 4.76 ng

RT: 19.19 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

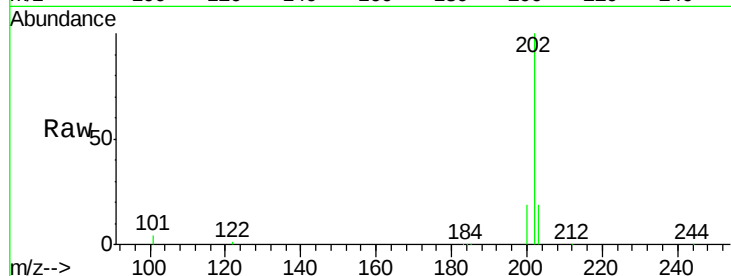
Tgt Ion:202 Resp: 282208

Ion Ratio Lower Upper

202 100

101 12.2 9.9 14.9

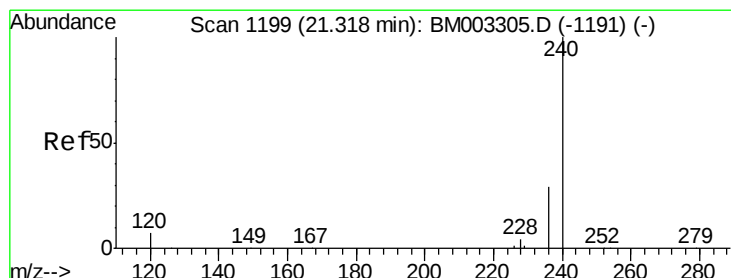
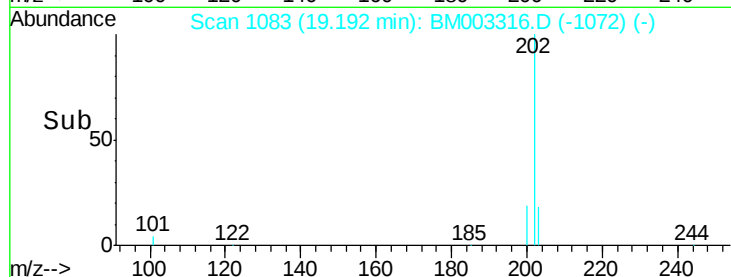
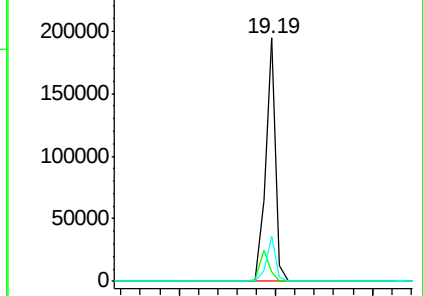
203 17.8 13.9 20.9



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: BM003316.D

Acq: 27 Nov 2015 22:09

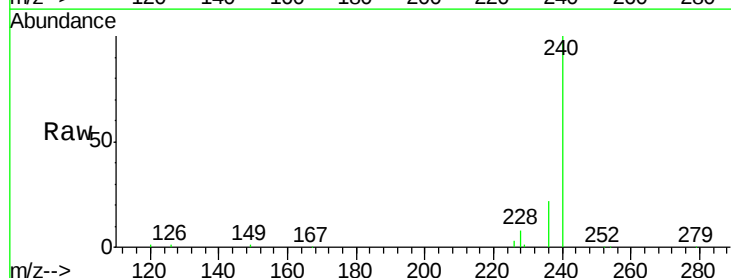
Tgt Ion:240 Resp: 194424

Ion Ratio Lower Upper

240 100

120 1.3 1.0 1.4

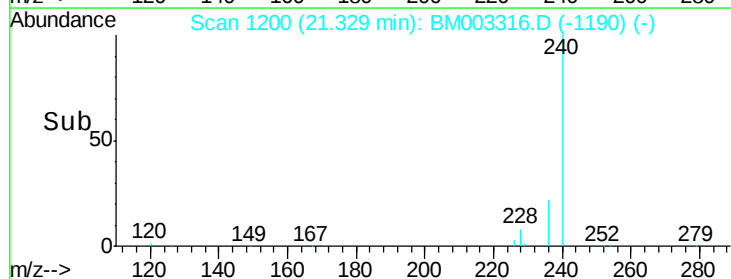
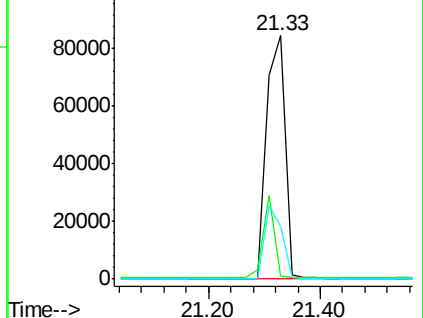
236 21.6 17.9 26.9

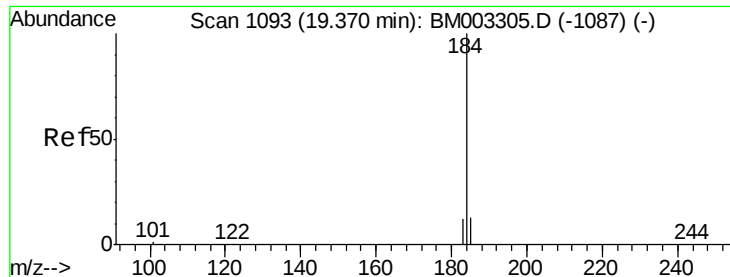


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 0.13 ng

RT: 19.31 min Scan# 1090

Delta R.T. -0.06 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

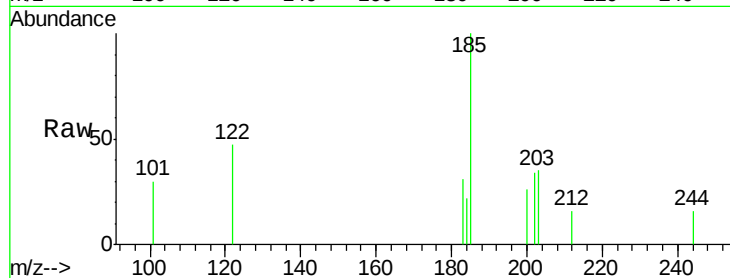
Tgt Ion:184 Resp: 170

Ion Ratio Lower Upper

184 100

185 457.3 11.6 17.4#

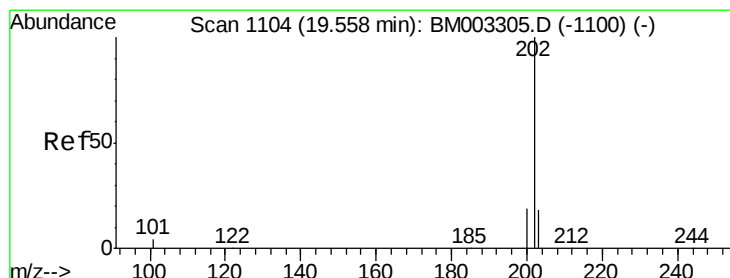
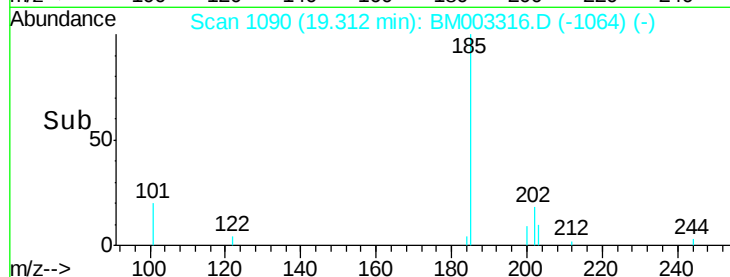
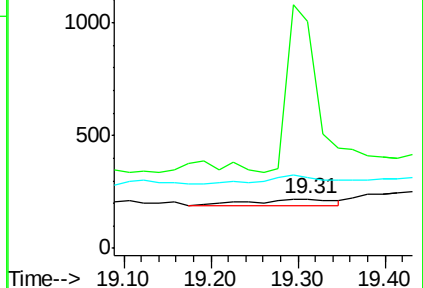
183 142.7 8.6 13.0#



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: 5.00 ng

RT: 19.55 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

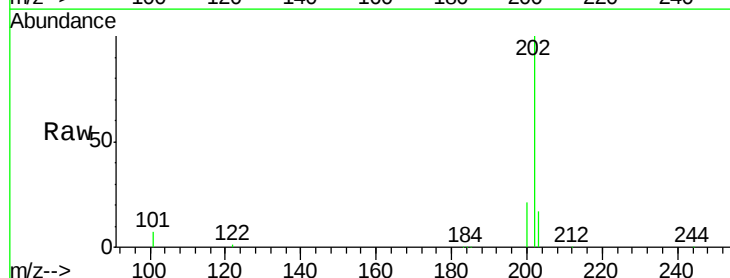
Tgt Ion:202 Resp: 297281

Ion Ratio Lower Upper

202 100

200 20.9 16.7 25.1

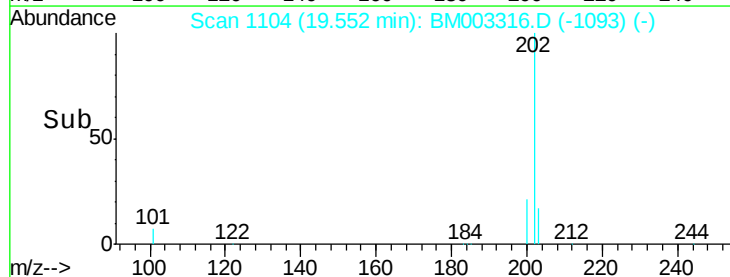
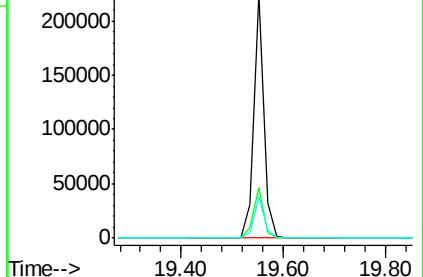
203 17.8 13.8 20.6

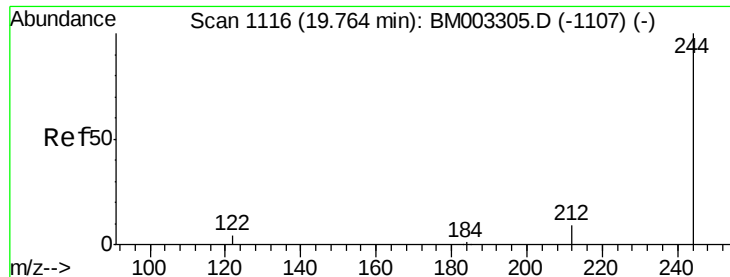


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 5.13 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

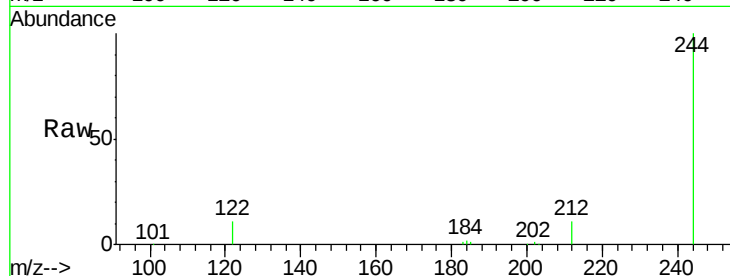
Tgt Ion:244 Resp: 138927

Ion Ratio Lower Upper

244 100

212 10.5 6.5 9.7#

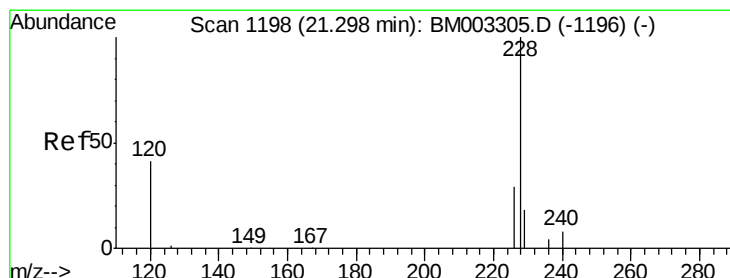
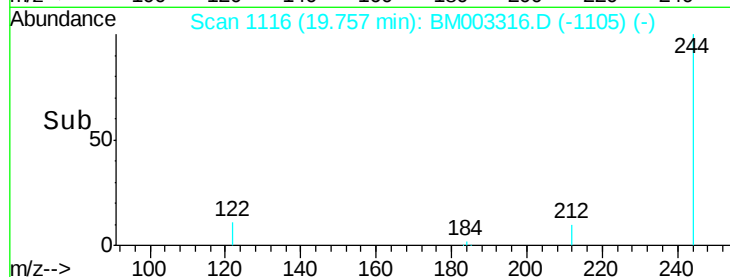
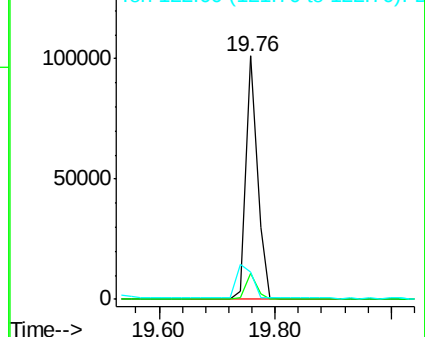
122 11.1 2.0 3.0#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 4.92 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

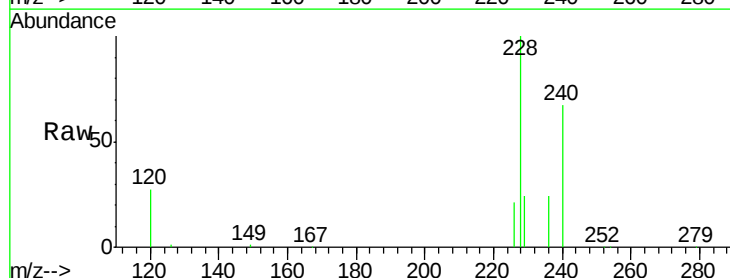
Tgt Ion:228 Resp: 242246

Ion Ratio Lower Upper

228 100

226 21.2 17.8 26.6

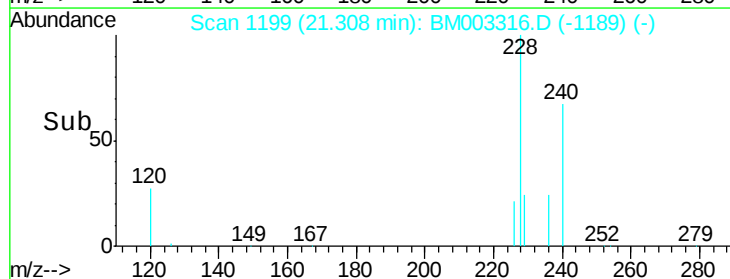
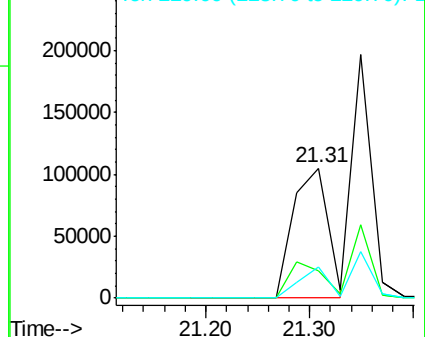
229 23.7 18.0 27.0

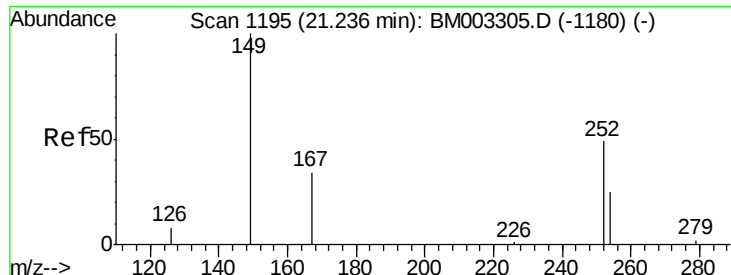


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

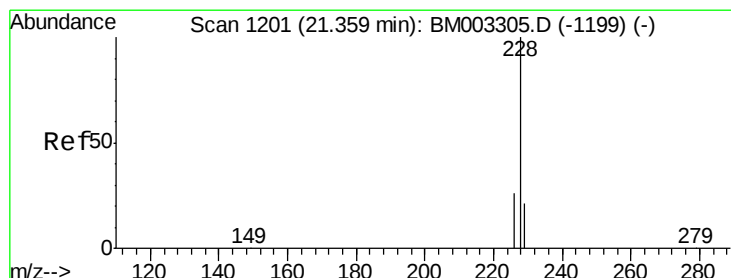
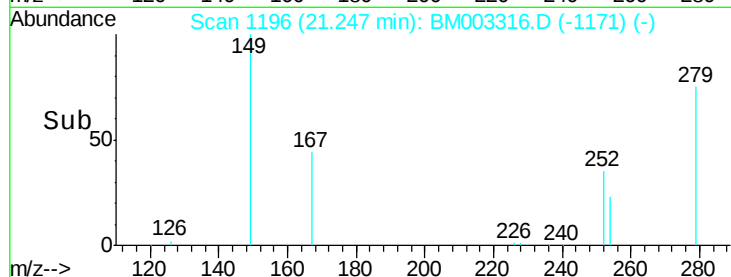
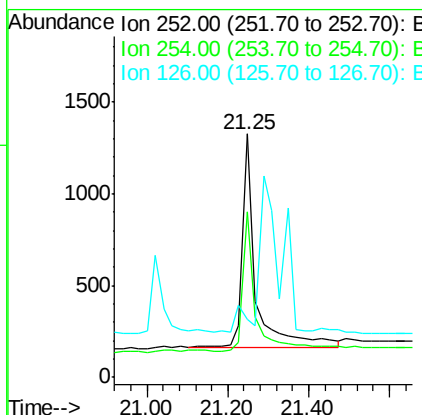
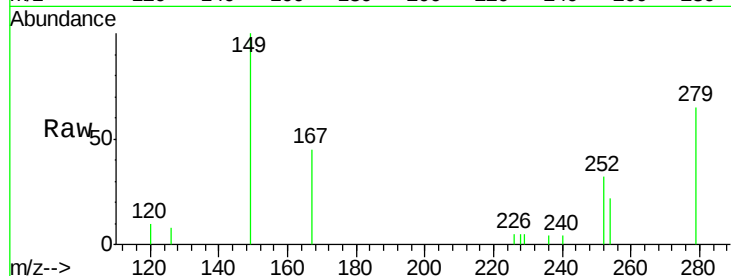




#31
 3,3'-Dichlorobenzidine
 Concen: 0.42 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BM003316.D
 Acq: 27 Nov 2015 22:09

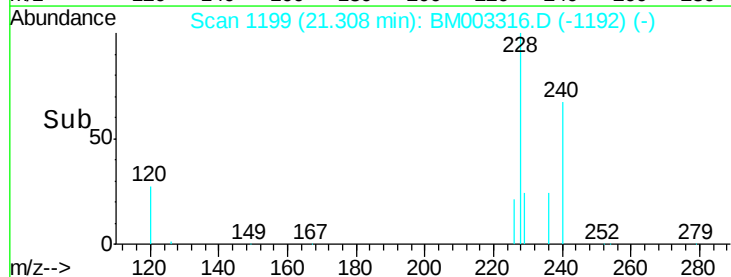
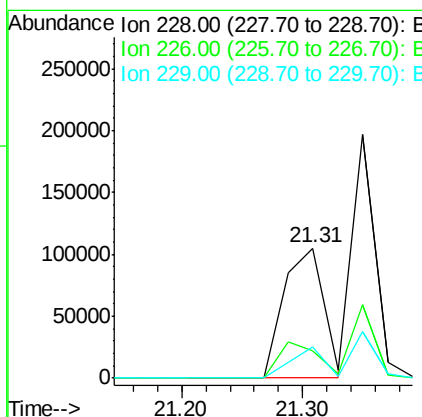
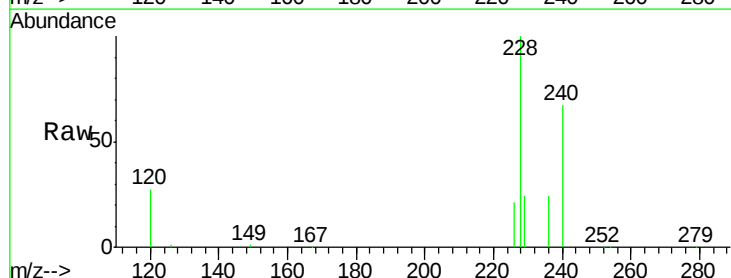
Instrument :
 BNA_M
 ClientSampleId :
 MW-14A-111815MSD

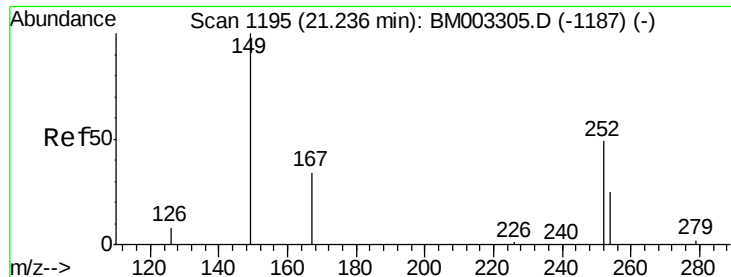
Tgt Ion: 252 Resp: 2707
 Ion Ratio Lower Upper
 252 100
 254 68.1 53.7 80.5
 126 23.6 2.8 4.2#



#32
 Chrysene
 Concen: 4.40 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BM003316.D
 Acq: 27 Nov 2015 22:09

Tgt Ion: 228 Resp: 242211
 Ion Ratio Lower Upper
 228 100
 226 21.2 25.5 38.3#
 229 23.7 14.3 21.5#

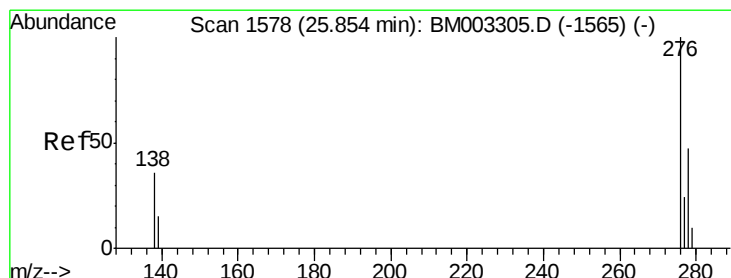
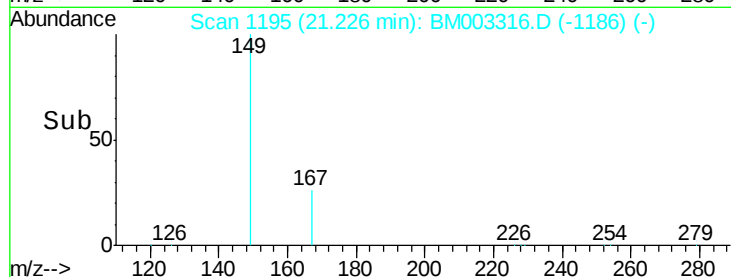
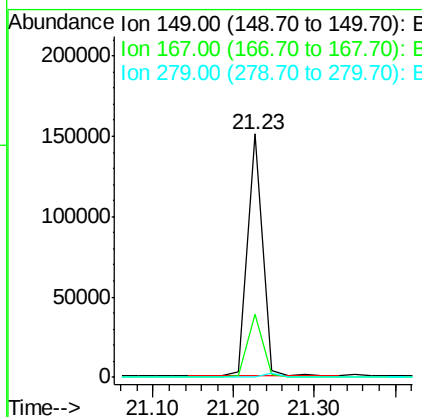
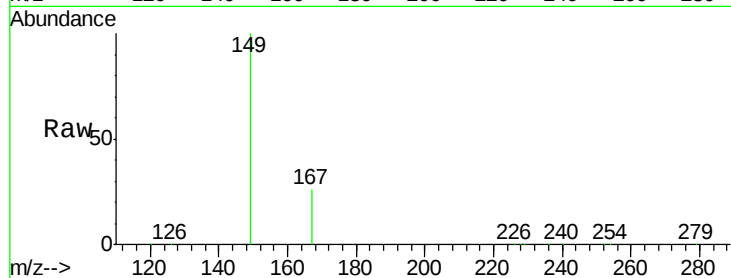




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 7.47 ng
 RT: 21.23 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BM003316.D
 Acq: 27 Nov 2015 22:09

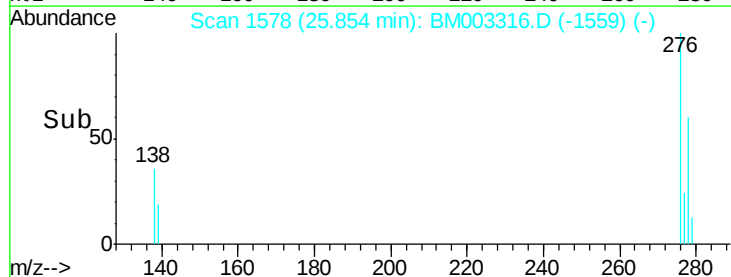
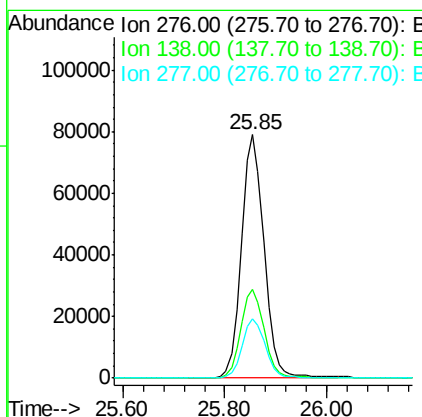
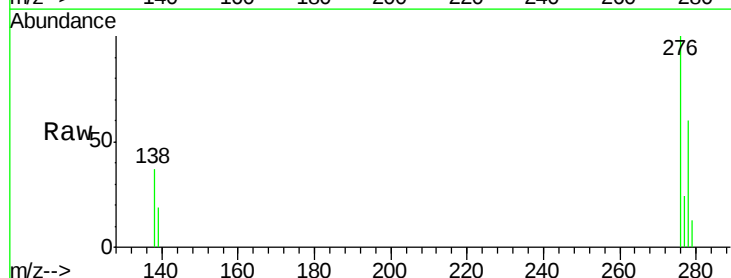
Instrument :
 BNA_M
 ClientSampleId :
 MW-14A-111815MSD

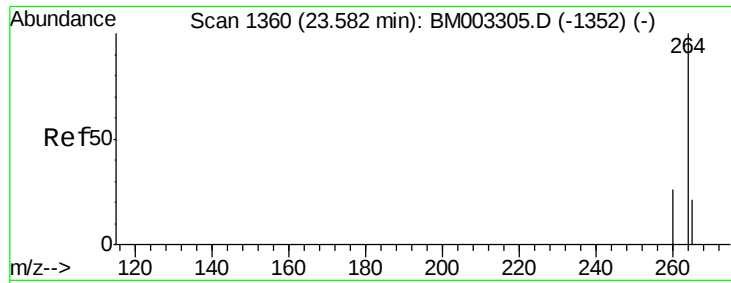
Tgt Ion:149 Resp: 194552
 Ion Ratio Lower Upper
 149 100
 167 26.1 19.6 29.4
 279 0.0 0.0 0.0



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 5.37 ng
 RT: 25.85 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BM003316.D
 Acq: 27 Nov 2015 22:09

Tgt Ion:276 Resp: 242205
 Ion Ratio Lower Upper
 276 100
 138 37.5 19.1 28.7#
 277 24.6 15.9 23.9#

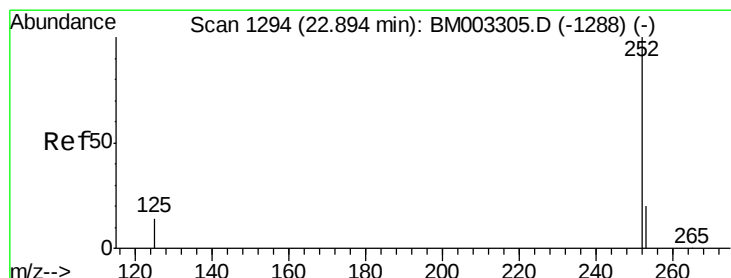
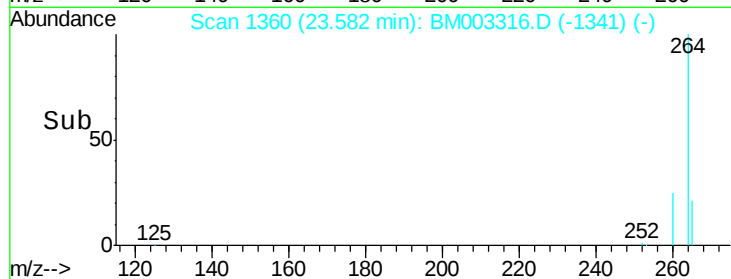
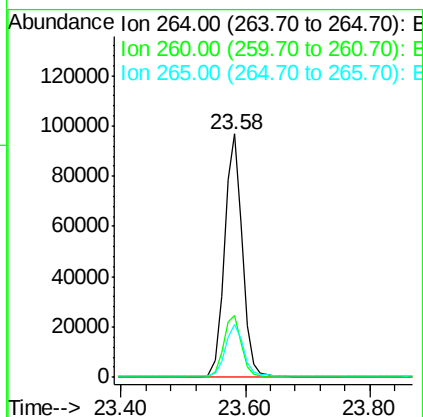
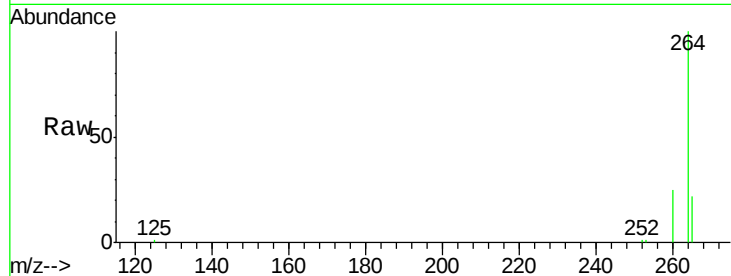




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.58 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BM003316.D
 Acq: 27 Nov 2015 22:09

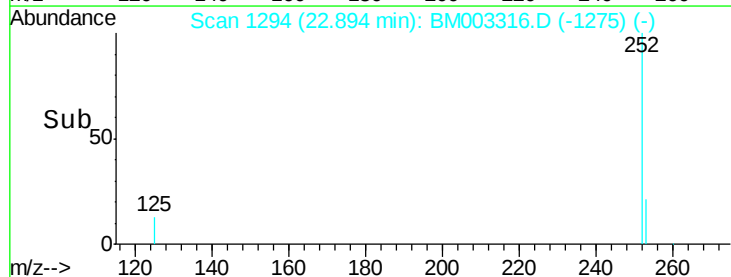
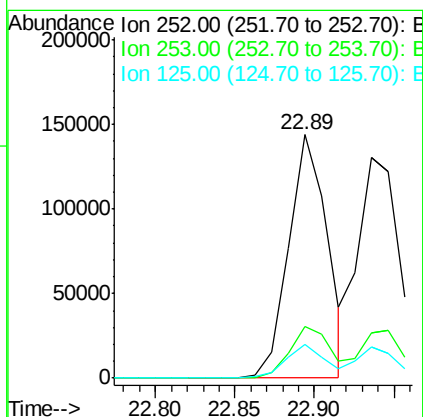
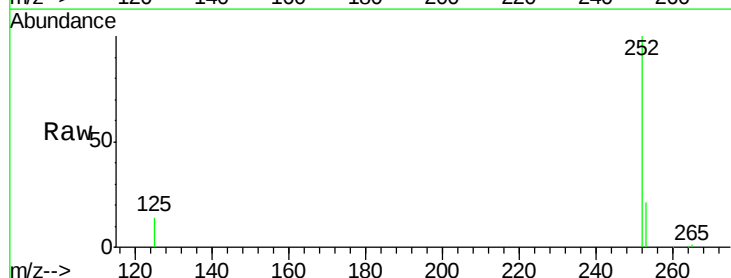
Instrument :
 BNA_M
 ClientSampleId :
 MW-14A-111815MSD

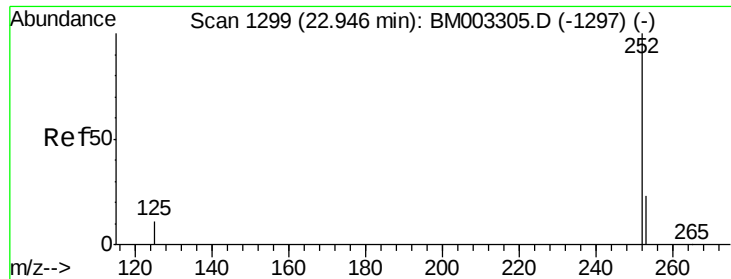
Tgt Ion: 264 Resp: 192696
 Ion Ratio Lower Upper
 264 100
 260 25.4 19.6 29.4
 265 21.9 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 4.36 ng
 RT: 22.89 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BM003316.D
 Acq: 27 Nov 2015 22:09

Tgt Ion: 252 Resp: 241526
 Ion Ratio Lower Upper
 252 100
 253 21.2 18.2 27.4
 125 13.7 10.3 15.5

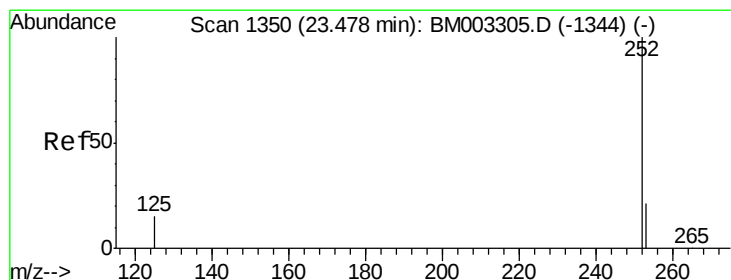
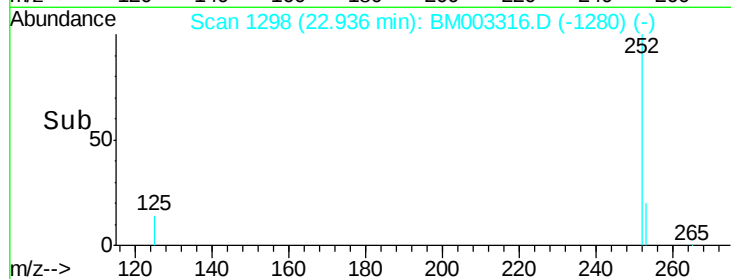
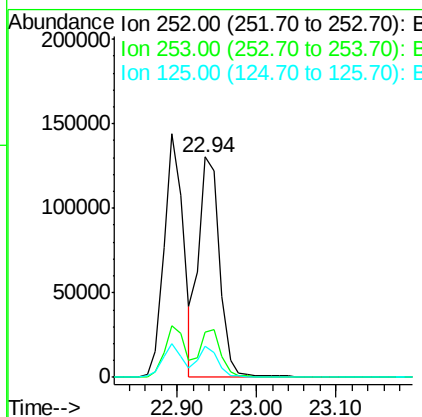
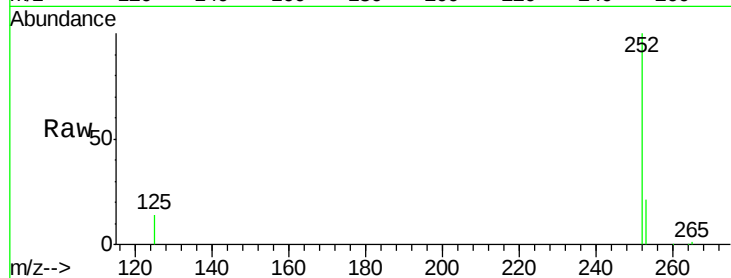




#37
Benzo(k)fluoranthene
Concen: 4.75 ng
RT: 22.94 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM003316.D
Acq: 27 Nov 2015 22:09

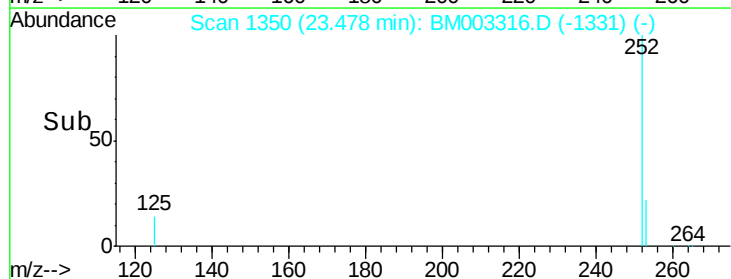
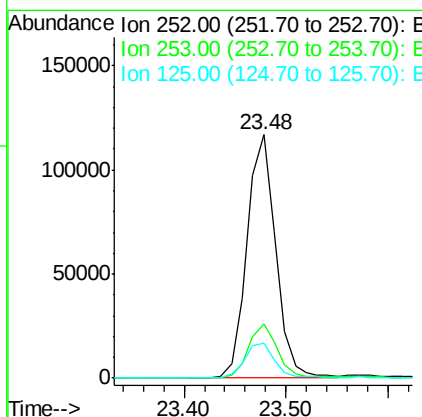
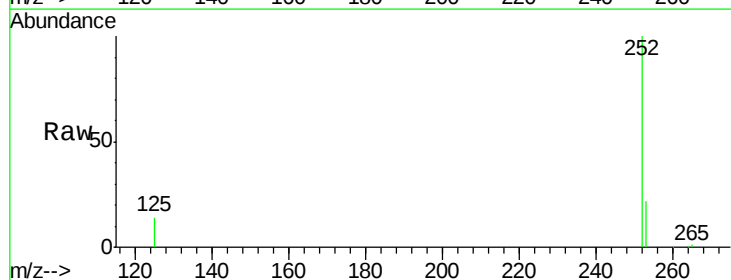
Instrument :
BNA_M
ClientSampleId :
MW-14A-111815MSD

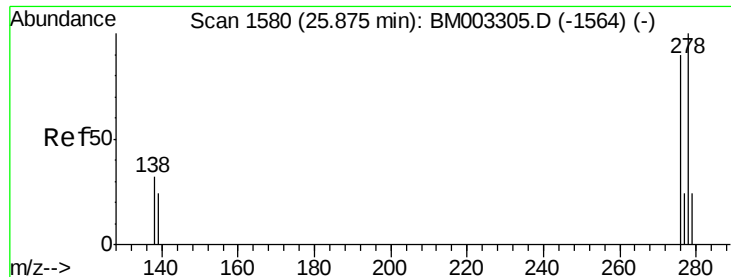
Tgt Ion: 252 Resp: 236709
Ion Ratio Lower Upper
252 100
253 20.6 17.5 26.3
125 14.1 10.7 16.1



#38
Benzo(a)pyrene
Concen: 5.13 ng
RT: 23.48 min Scan# 1350
Delta R.T. 0.00 min
Lab File: BM003316.D
Acq: 27 Nov 2015 22:09

Tgt Ion: 252 Resp: 226626
Ion Ratio Lower Upper
252 100
253 22.1 18.7 28.1
125 14.2 11.6 17.4





#39

Dibenzo(a,h)anthracene

Concen: 5.03 ng

RT: 25.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

Instrument :

BNA_M

ClientSampleId :

MW-14A-111815MSD

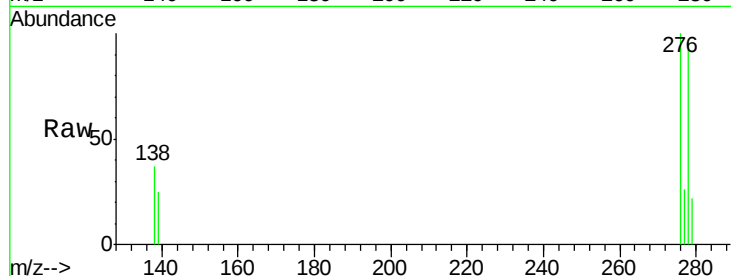
Tgt Ion:278 Resp: 192169

Ion Ratio Lower Upper

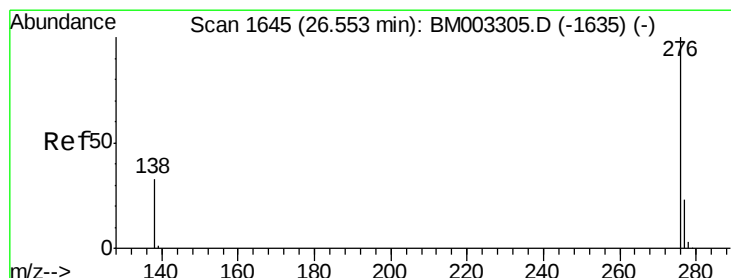
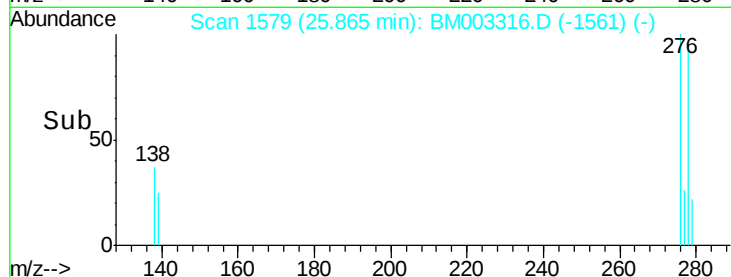
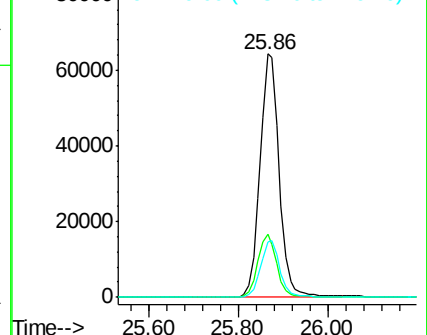
278 100

139 26.0 18.2 27.4

279 23.0 18.8 28.2



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 4.53 ng

RT: 26.55 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BM003316.D

Acq: 27 Nov 2015 22:09

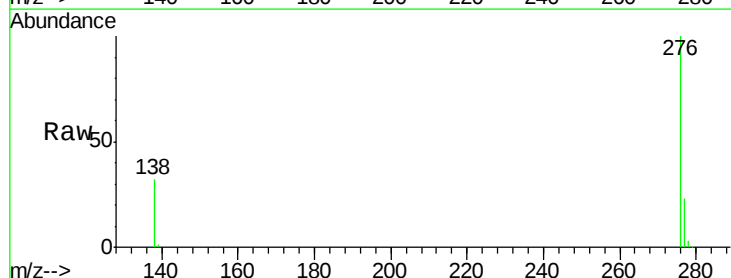
Tgt Ion:276 Resp: 207701

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 31.8 22.3 33.5



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

