

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM112715\
 Data File : BM003313.D
 Acq On : 27 Nov 2015 20:21
 Operator : UM/IZ
 Sample : PB86805BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86805BS

Quant Time: Nov 27 22:27:26 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	64273	5.00	ng	0.00
7) Naphthalene-d8	10.53	136	266627	5.00	ng	0.00
13) Acenaphthene-d10	14.37	164	130830	5.00	ng	0.00
19) Phenanthrene-d10	17.11	188	252009	5.00	ng	0.00
26) Chrysene-d12	21.33	240	179310	5.00	ng	0.01
35) Perylene-d12	23.58	264	162101	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.31	112	80933	6.38	ng	0.00
5) Phenol-d6	6.90	99	103641	7.13	ng	0.00
8) Nitrobenzene-d5	8.89	82	41121	3.47	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	18846	6.26	ng	0.02
15) 2-Fluorobiphenyl	13.00	172	139516	3.30	ng	0.00
29) Terphenyl-d14	19.76	244	95130	3.81	ng	0.00

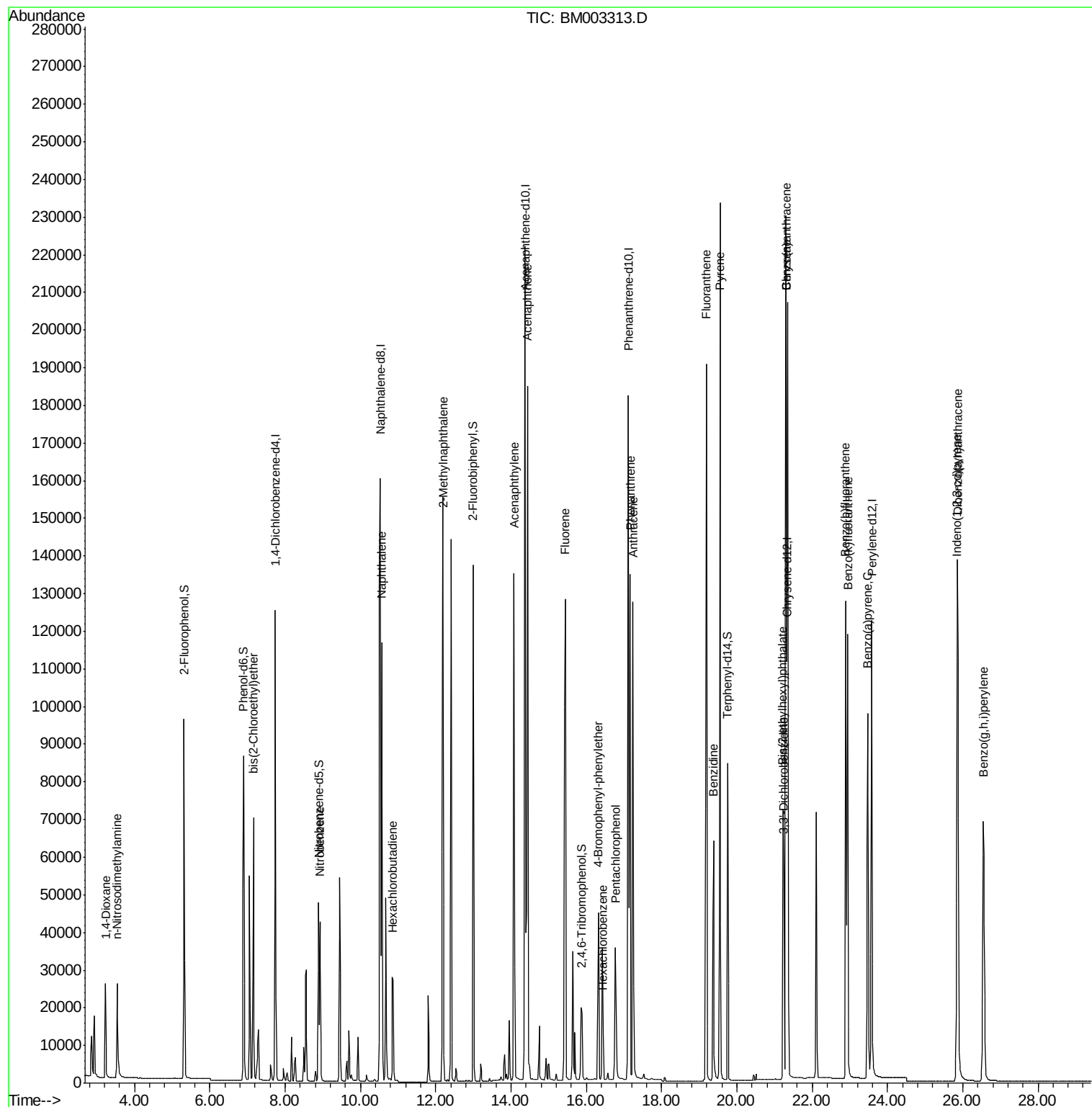
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	17650	3.19	ng	99
3) n-Nitrosodimethylamine	3.54	42	18544	3.12	ng	99
6) bis(2-Chloroethyl)ether	7.16	93	49261	3.31	ng	99
9) Nitrobenzene	8.93	77	43896	3.38	ng	98
10) Naphthalene	10.56	128	177472	3.08	ng	99
11) Hexachlorobutadiene	10.85	225	26055	2.97	ng	98
12) 2-Methylnaphthalene	12.19	142	119836	3.32	ng	# 88
16) Acenaphthylene	14.08	152	171098	3.57	ng	99
17) Acenaphthene	14.44	154	116444	3.15	ng	# 100
18) Fluorene	15.44	166	121209	3.25	ng	95
20) 4-Bromophenyl-phenylether	16.32	248	30133	3.24	ng	# 31
21) Hexachlorobenzene	16.45	284	29611	3.35	ng	# 51
22) Pentachlorophenol	16.78	266	27773	6.45	ng	# 84
23) Phenanthrene	17.17	178	190728	3.34	ng	96
24) Anthracene	17.24	178	175771	3.74	ng	96
25) Fluoranthene	19.19	202	194316	3.54	ng	99
27) Benzidine	19.38	184	103916	7.66	ng	96
28) Pyrene	19.55	202	214902	3.92	ng	100
30) Benzo(a)anthracene	21.31	228	161868	3.56	ng	98
31) 3,3'-Dichlorobenzidine	21.25	252	43240	3.69	ng	# 97
32) Chrysene	21.31	228	161865	3.19	ng	# 83
33) Bis(2-ethylhexyl)phthalate	21.23	149	66337	3.69	ng	# 100
34) Indeno(1,2,3-cd)pyrene	25.85	276	153763	3.70	ng	# 80
36) Benzo(b)fluoranthene	22.89	252	156538	3.36	ng	96
37) Benzo(k)fluoranthene	22.95	252	161888	3.86	ng	98
38) Benzo(a)pyrene	23.48	252	138715	3.73	ng	97
39) Dibenzo(a,h)anthracene	25.86	278	123162	3.83	ng	95
40) Benzo(g,h,i)perylene	26.55	276	136501	3.54	ng	95

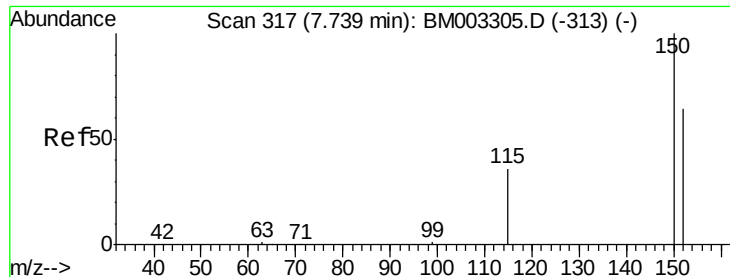
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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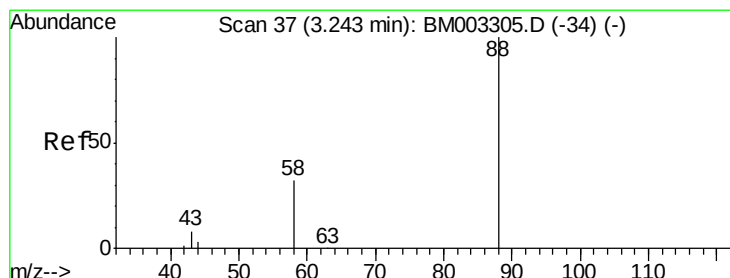
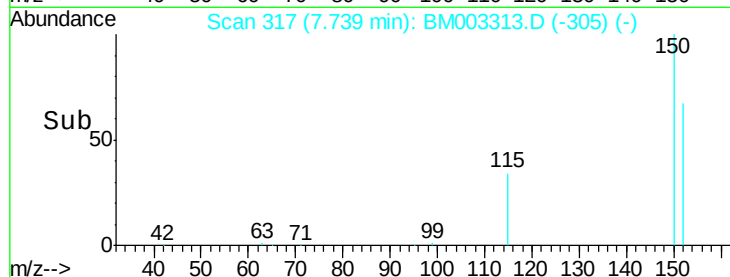
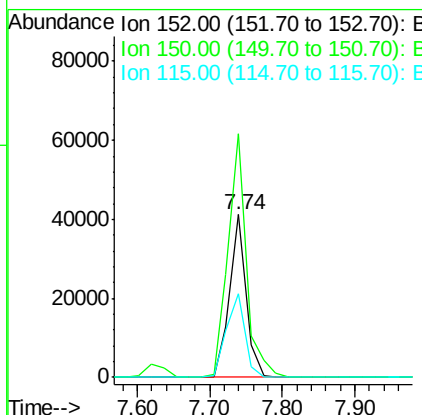
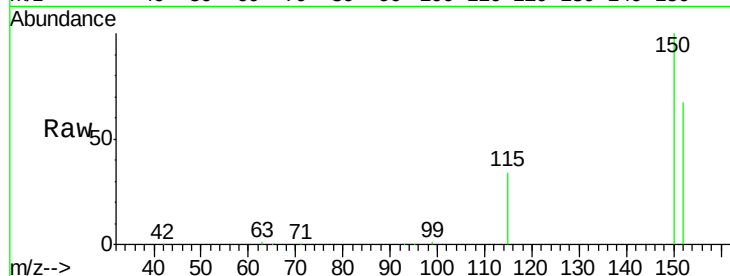




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.74 min Scan# 317
 Delta R.T. 0.00 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

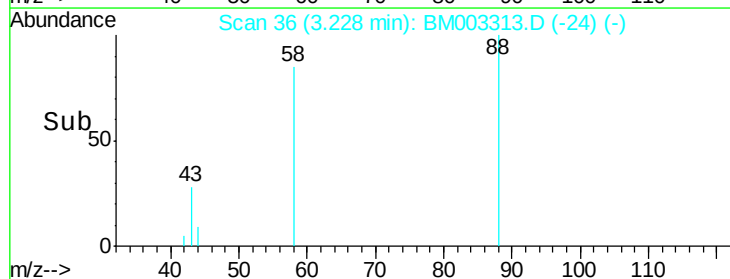
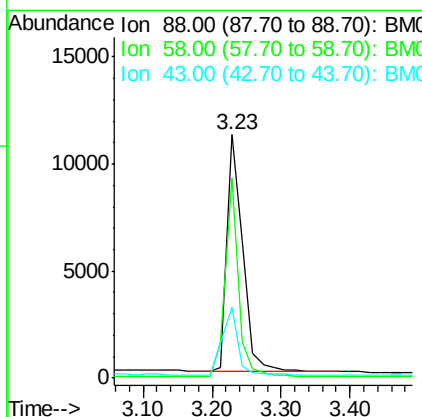
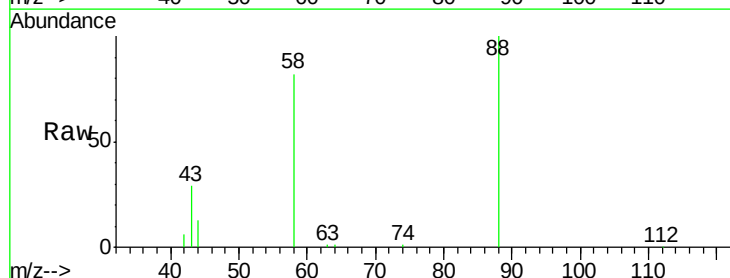
Instrument :
 BNA_M
 ClientSampleId :
 PB86805BS

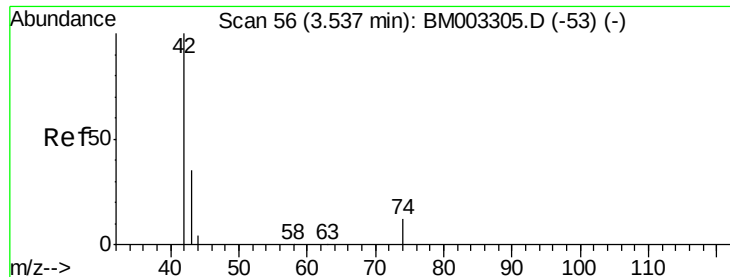
Tgt Ion:152 Resp: 64273
 Ion Ratio Lower Upper
 152 100
 150 149.9 143.6 215.4
 115 51.5 58.5 87.7#



#2
 1,4-Dioxane
 Concen: 3.19 ng
 RT: 3.23 min Scan# 36
 Delta R.T. -0.02 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

Tgt Ion: 88 Resp: 17650
 Ion Ratio Lower Upper
 88 100
 58 69.8 55.2 82.8
 43 28.0 21.8 32.6





#3

n-Nitrosodimethylamine

Concen: 3.12 ng

RT: 3.54 min Scan# 56

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

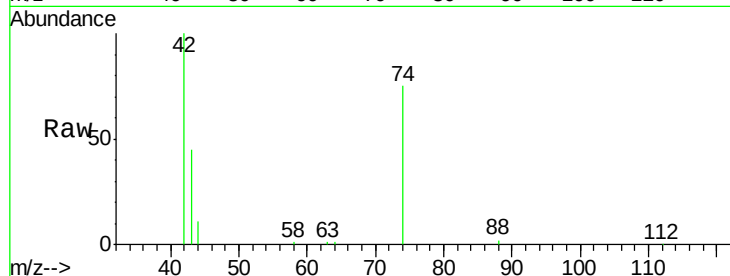
Tgt Ion: 42 Resp: 18544

Ion Ratio Lower Upper

42 100

74 125.5 101.0 151.4

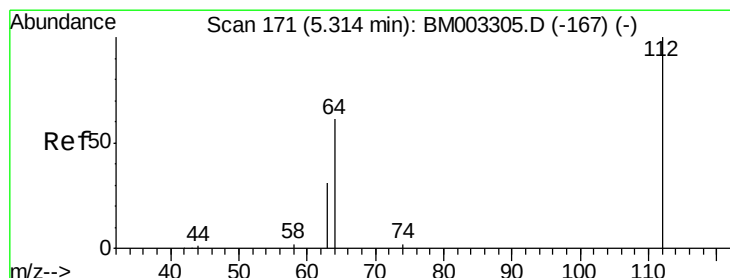
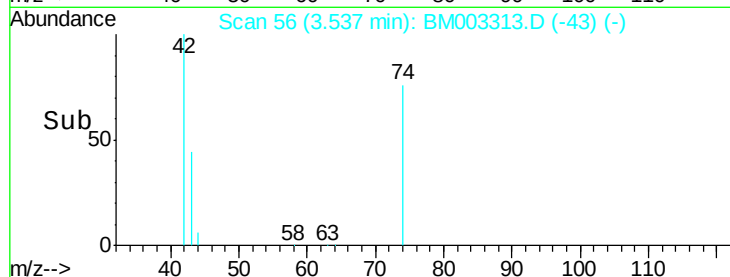
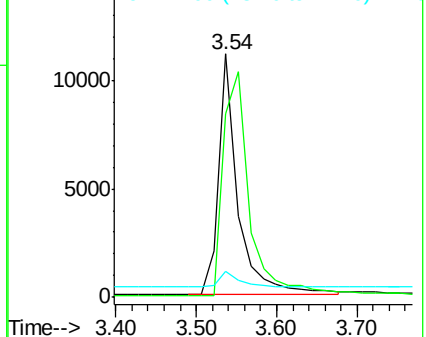
44 7.0 6.3 9.5



Abundance Ion 42.00 (41.70 to 42.70): BM003313.D (-43) (-)

Ion 74.00 (73.70 to 74.70): BM003313.D (-43) (-)

Ion 44.00 (43.70 to 44.70): BM003313.D (-43) (-)



#4

2-Fluorophenol

Concen: 6.38 ng

RT: 5.31 min Scan# 171

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

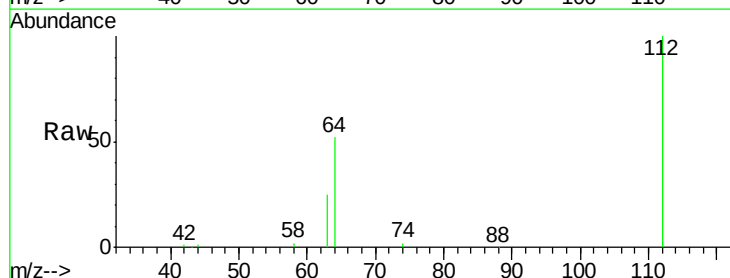
Tgt Ion: 112 Resp: 80933

Ion Ratio Lower Upper

112 100

64 51.2 41.2 61.8

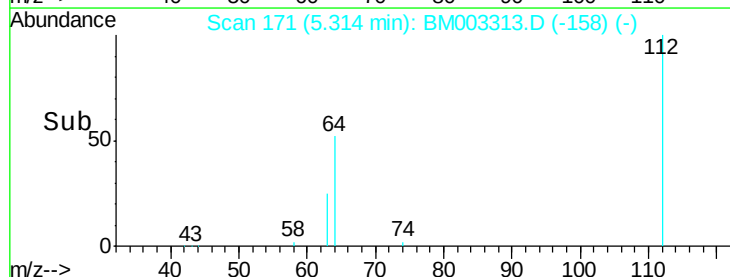
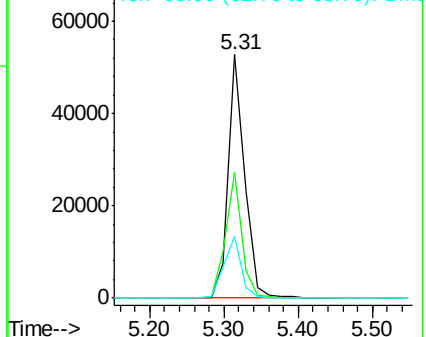
63 26.5 21.2 31.8

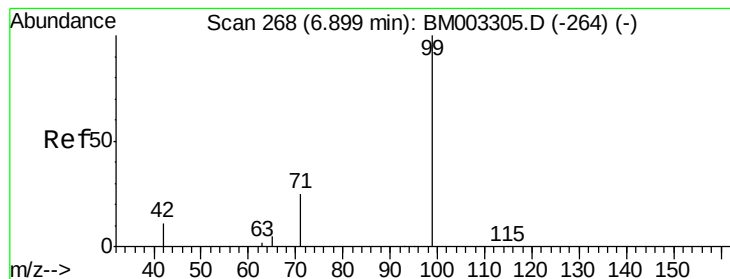


Abundance Ion 112.00 (111.70 to 112.70): BM003313.D (-158) (-)

Ion 64.00 (63.70 to 64.70): BM003313.D (-158) (-)

Ion 63.00 (62.70 to 63.70): BM003313.D (-158) (-)





#5

Phenol-d6

Concen: 7.13 ng

RT: 6.90 min Scan# 268

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

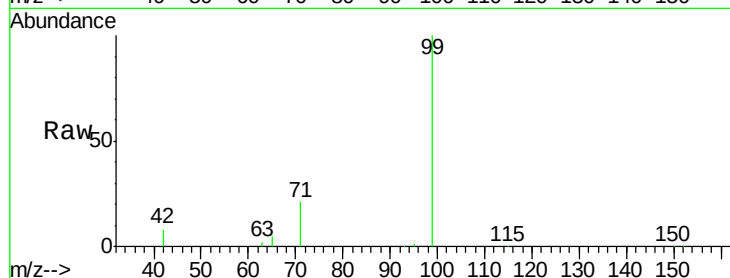
Tgt Ion: 99 Resp: 103641

Ion Ratio Lower Upper

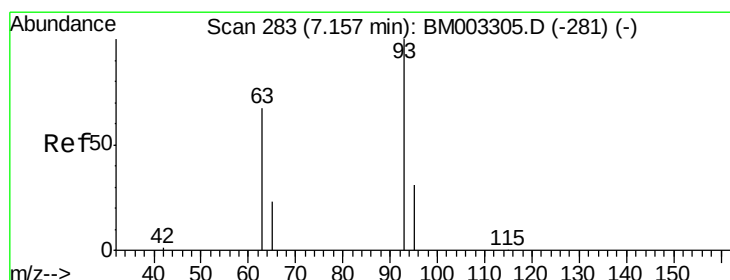
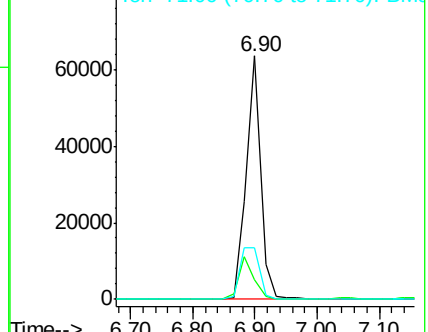
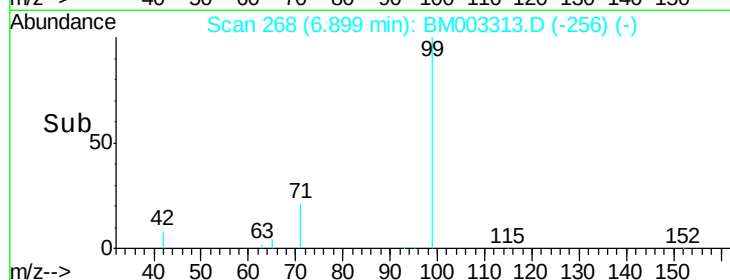
99 100

42 18.2 14.6 22.0

71 28.9 23.3 34.9



Abundance Ion 99.00 (98.70 to 99.70): BM003313.D (-256) (-)



#6

bis(2-Chloroethyl)ether

Concen: 3.31 ng

RT: 7.16 min Scan# 283

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

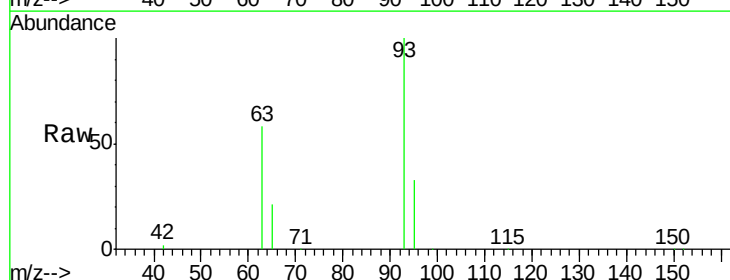
Tgt Ion: 93 Resp: 49261

Ion Ratio Lower Upper

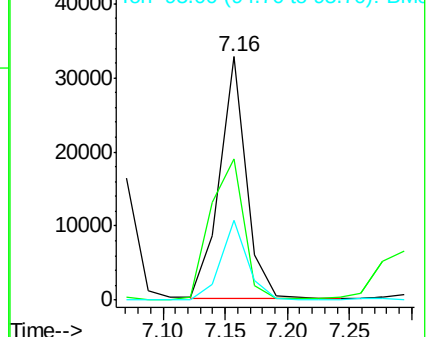
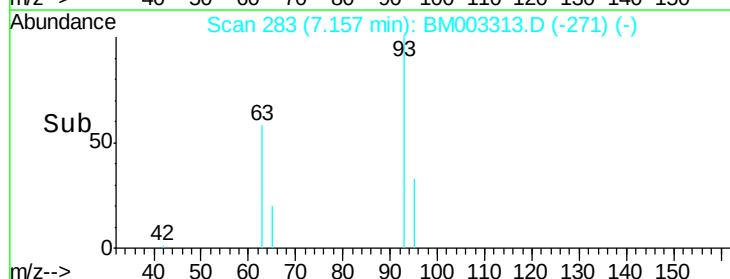
93 100

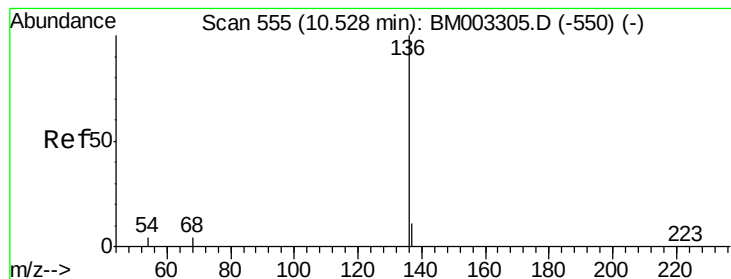
63 72.3 58.2 87.4

95 32.6 26.2 39.4



Abundance Ion 93.00 (92.70 to 93.70): BM003313.D (-271) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.53 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

Tgt Ion:136 Resp: 266627

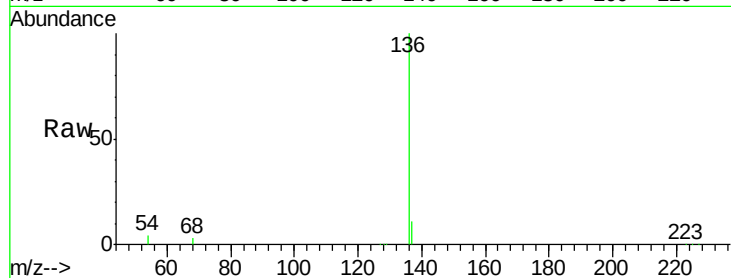
Ion Ratio Lower Upper

136 100

137 11.5 8.0 12.0

54 3.5 7.4 11.0#

68 3.3 5.8 8.6#

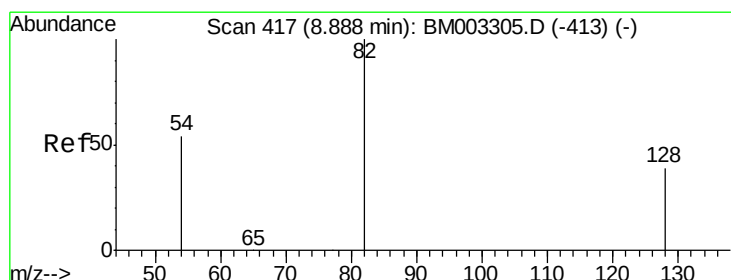
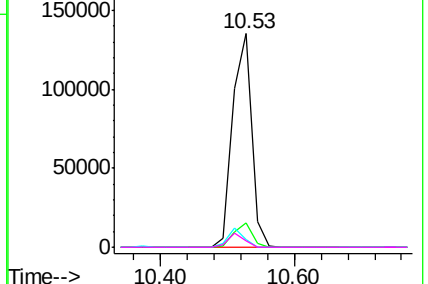
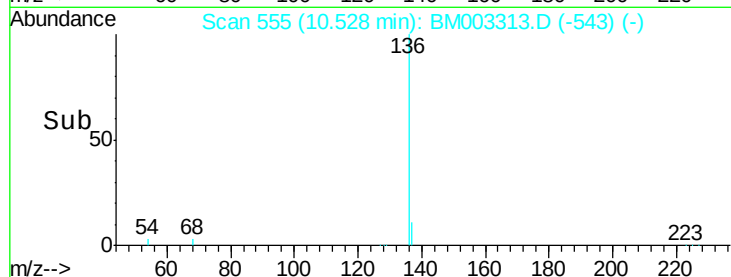


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 3.47 ng

RT: 8.89 min Scan# 417

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

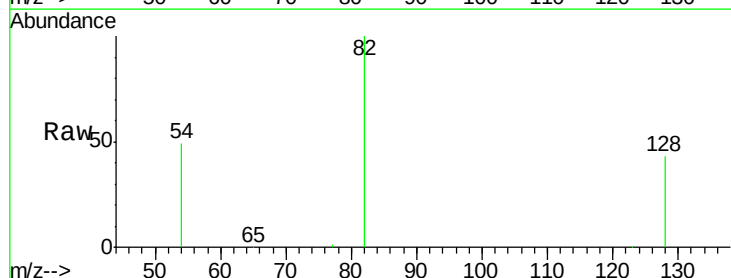
Tgt Ion: 82 Resp: 41121

Ion Ratio Lower Upper

82 100

128 42.5 35.2 52.8

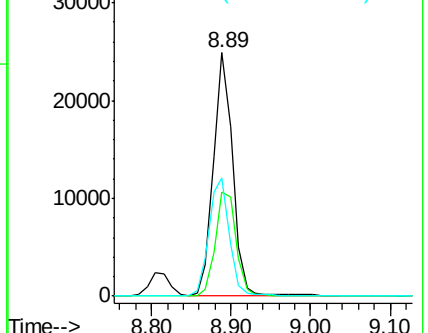
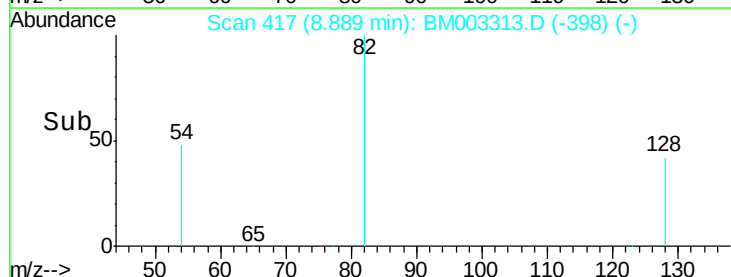
54 48.6 36.4 54.6

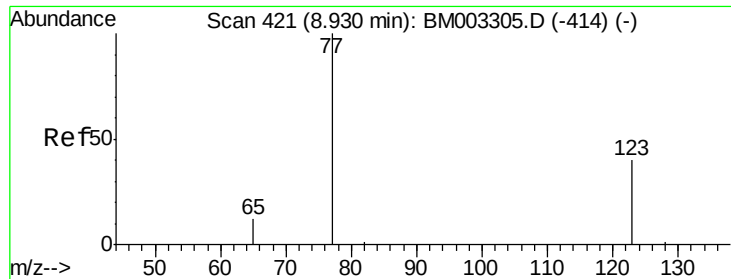


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 3.38 ng

RT: 8.93 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

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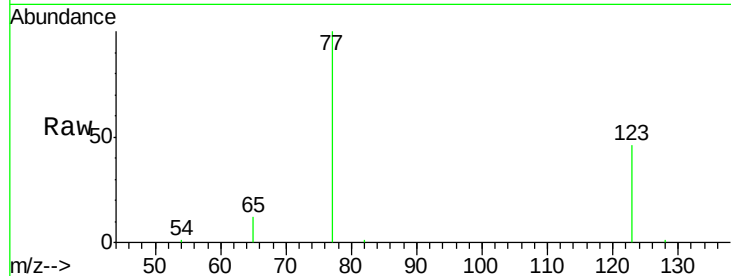
Tgt Ion: 77 Resp: 43896

Ion Ratio Lower Upper

77 100

123 48.5 37.7 56.5

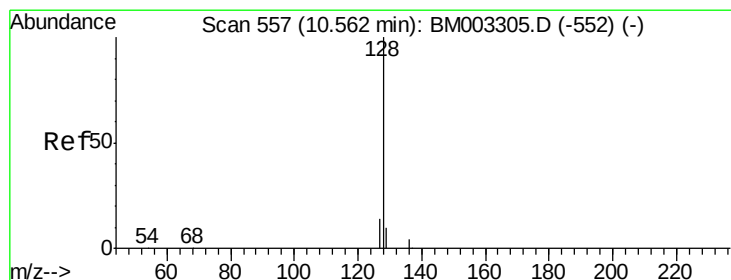
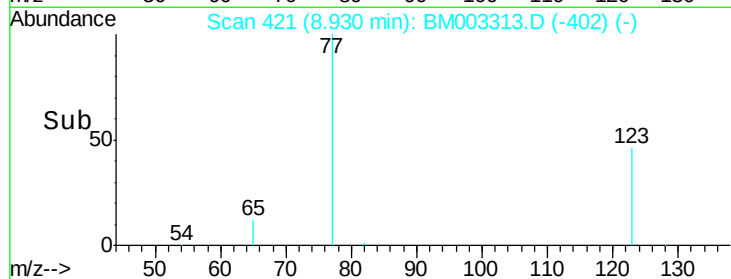
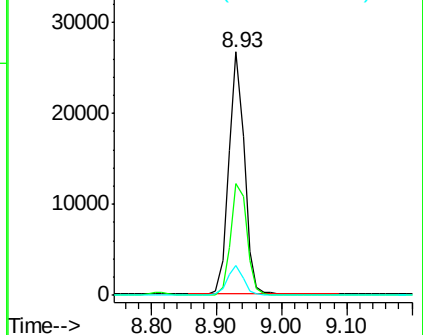
65 12.3 9.8 14.6



Abundance Ion 77.00 (76.70 to 77.70): BM003313.D (-402) (-)

Ion 123.00 (122.70 to 123.70): BM003313.D (-402) (-)

Ion 65.00 (64.70 to 65.70): BM003313.D (-402) (-)



#10

Naphthalene

Concen: 3.08 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

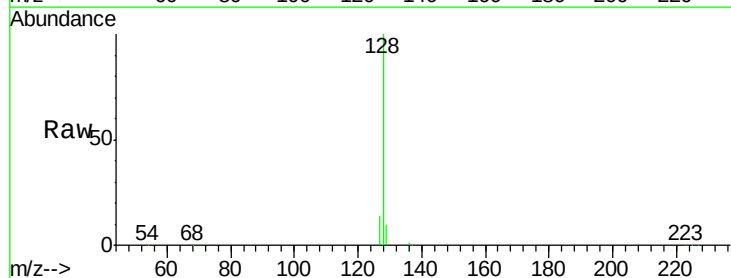
Tgt Ion: 128 Resp: 177472

Ion Ratio Lower Upper

128 100

129 10.3 8.5 12.7

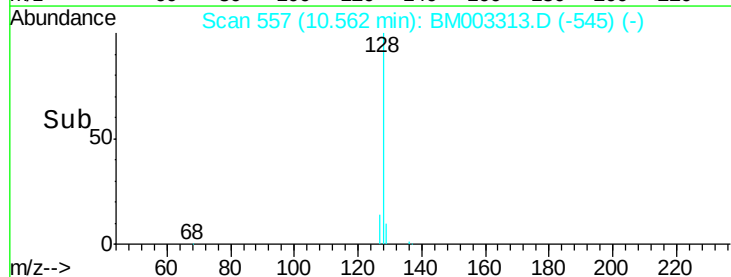
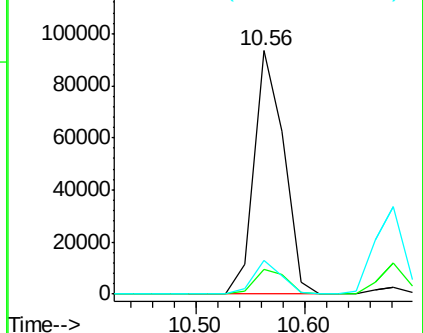
127 13.7 10.6 16.0

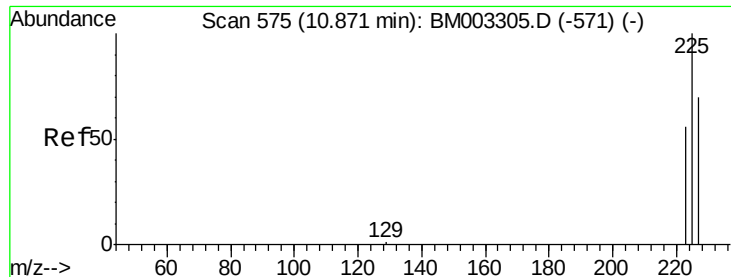


Abundance Ion 128.00 (127.70 to 128.70): BM003313.D (-545) (-)

Ion 129.00 (128.70 to 129.70): BM003313.D (-545) (-)

Ion 127.00 (126.70 to 127.70): BM003313.D (-545) (-)

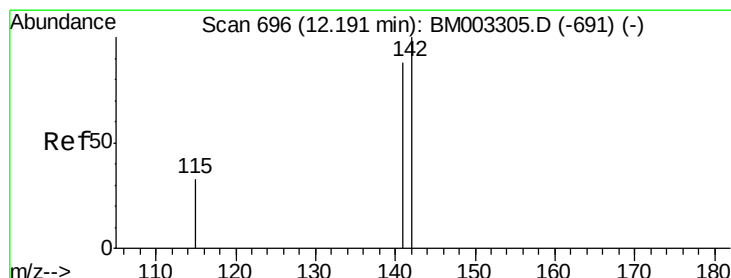
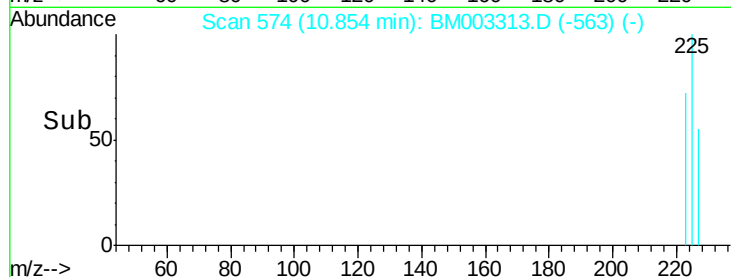
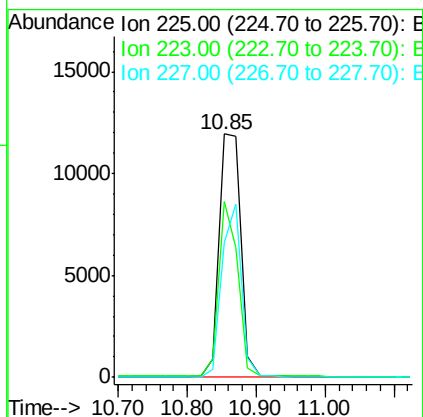
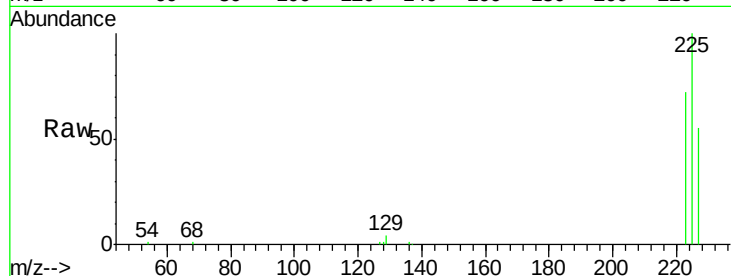




#11
Hexachlorobutadiene
Concen: 2.97 ng
RT: 10.85 min Scan# 574
Delta R.T. -0.02 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

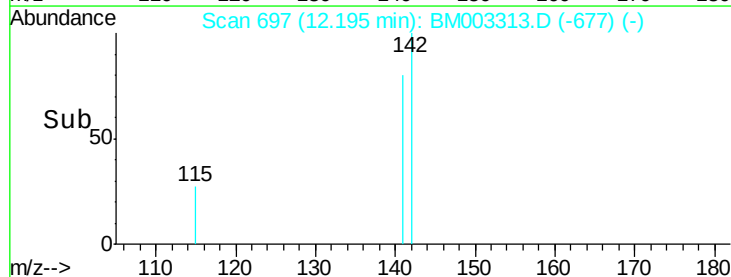
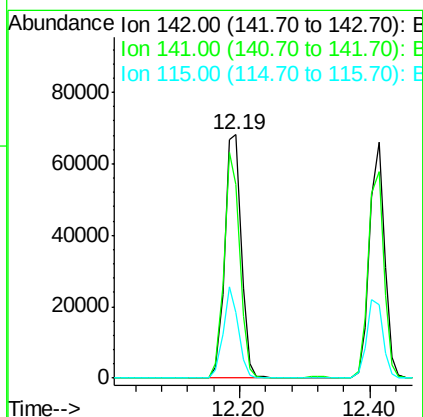
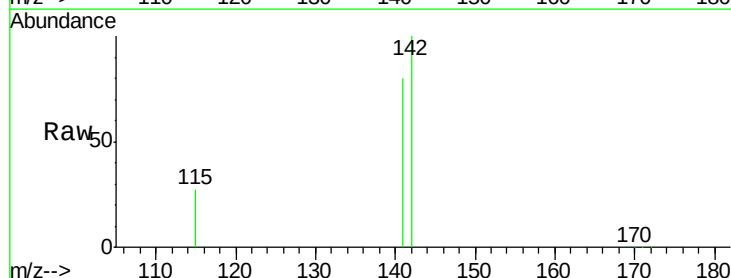
Instrument :
BNA_M
ClientSampleId :
PB86805BS

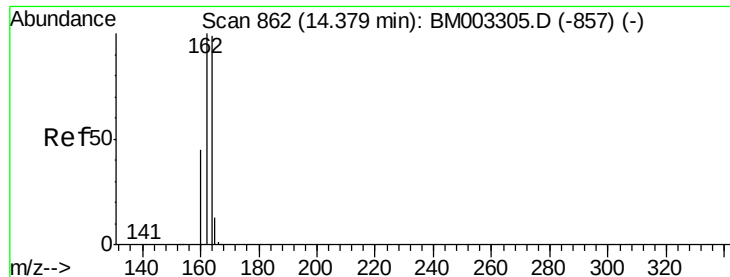
Tgt Ion: 225 Resp: 26055
Ion Ratio Lower Upper
225 100
223 64.2 53.0 79.4
227 64.5 52.2 78.4



#12
2-Methylnaphthalene
Concen: 3.32 ng
RT: 12.19 min Scan# 697
Delta R.T. 0.00 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Tgt Ion: 142 Resp: 119836
Ion Ratio Lower Upper
142 100
141 79.7 72.2 108.2
115 27.1 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: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

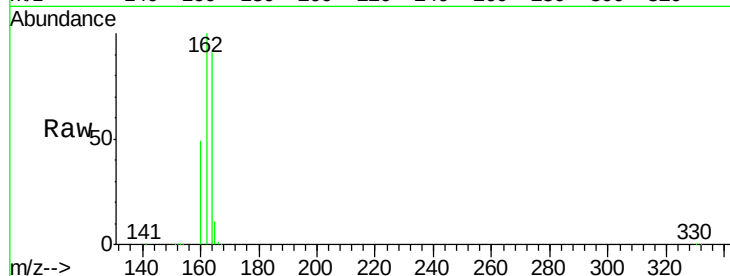
Tgt Ion:164 Resp: 130830

Ion Ratio Lower Upper

164 100

162 110.4 78.3 117.5

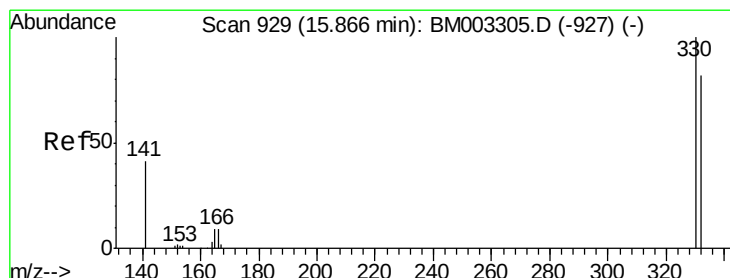
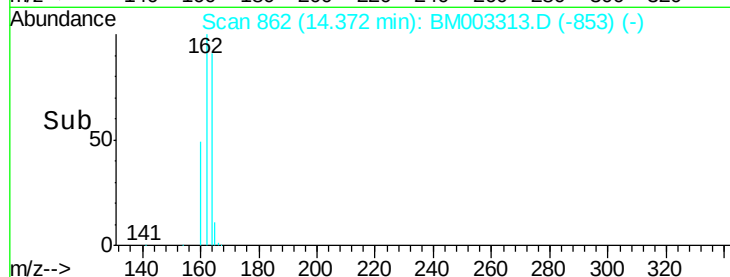
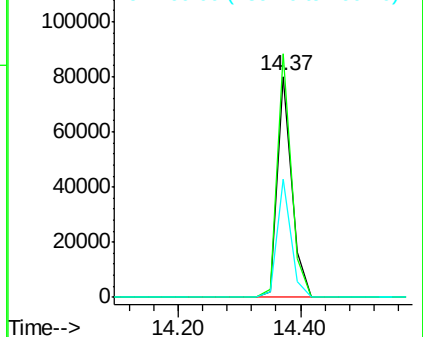
160 53.7 33.8 50.6#



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: 6.26 ng

RT: 15.88 min Scan# 930

Delta R.T. 0.02 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

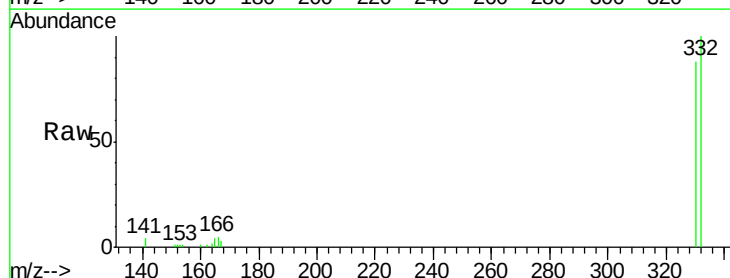
Tgt Ion:330 Resp: 18846

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

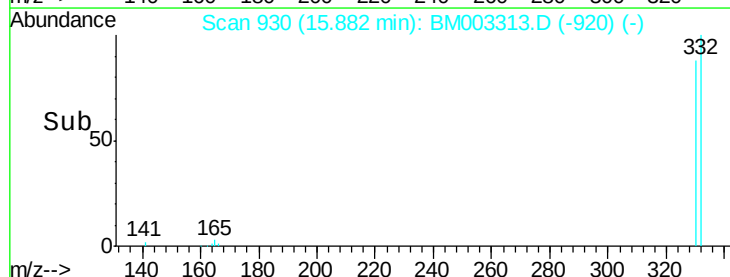
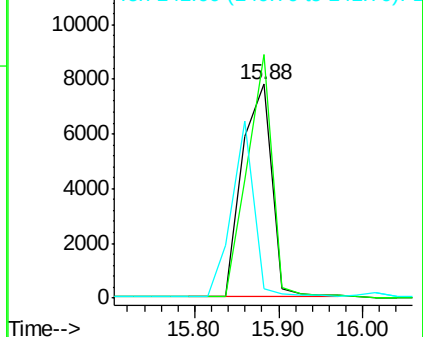
141 0.0 0.0 0.0

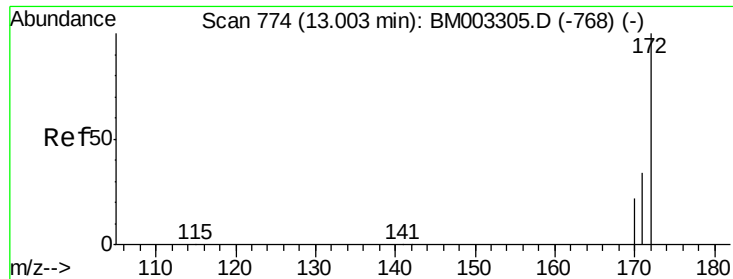


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

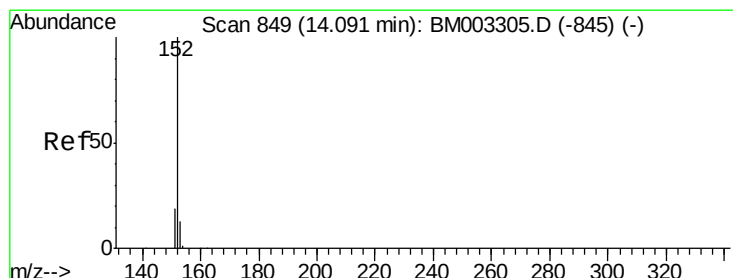
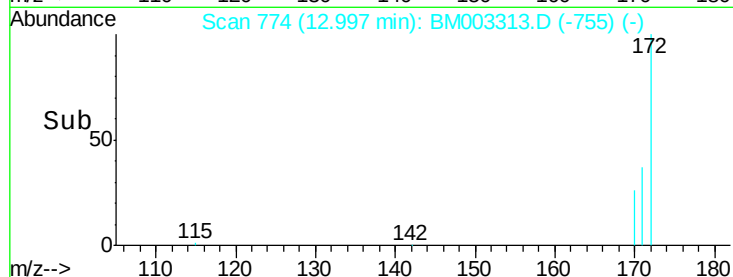
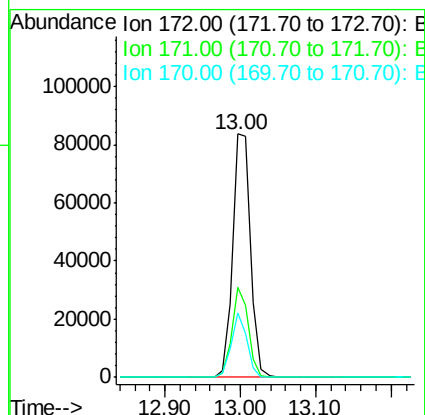
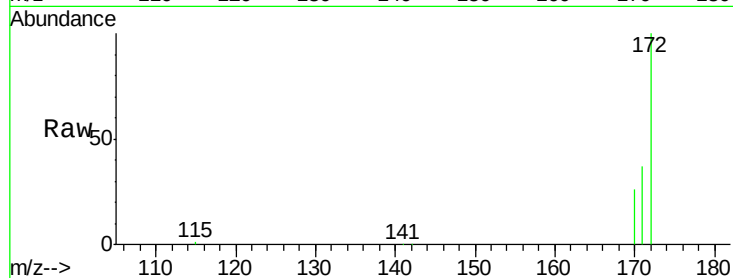




#15
2-Fluorobiphenyl
Concen: 3.30 ng
RT: 13.00 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

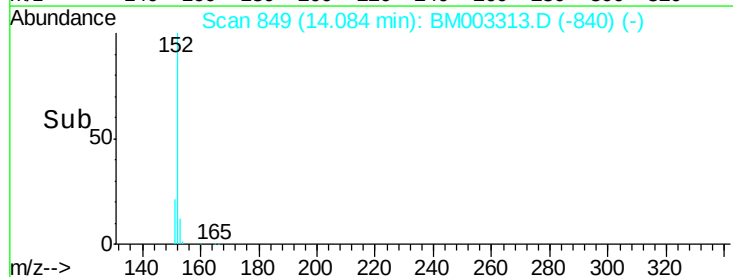
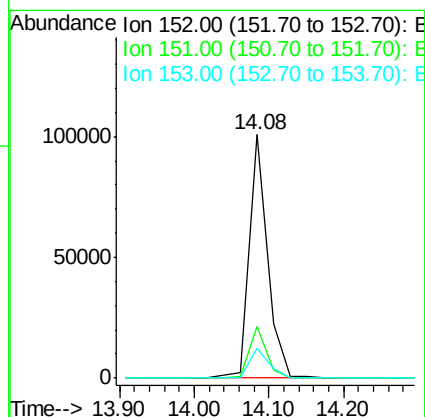
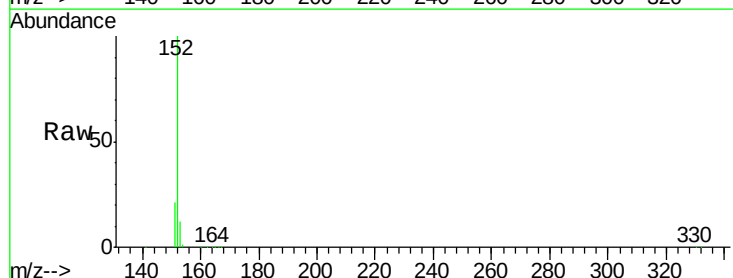
Instrument :
BNA_M
ClientSampleId :
PB86805BS

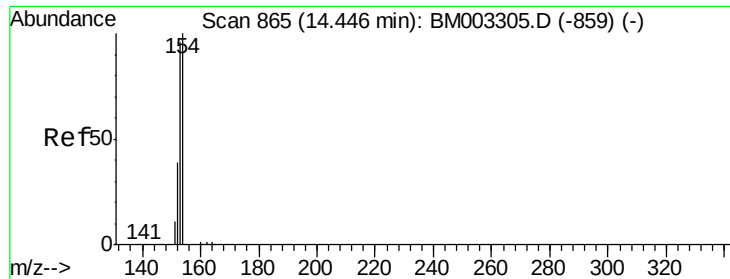
Tgt Ion:172 Resp: 139516
Ion Ratio Lower Upper
172 100
171 37.0 28.0 42.0
170 26.4 18.9 28.3



#16
Acenaphthylene
Concen: 3.57 ng
RT: 14.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Tgt Ion:152 Resp: 171098
Ion Ratio Lower Upper
152 100
151 19.7 15.2 22.8
153 12.7 10.4 15.6





#17

Acenaphthene

Concen: 3.15 ng

RT: 14.44 min Scan# 865

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

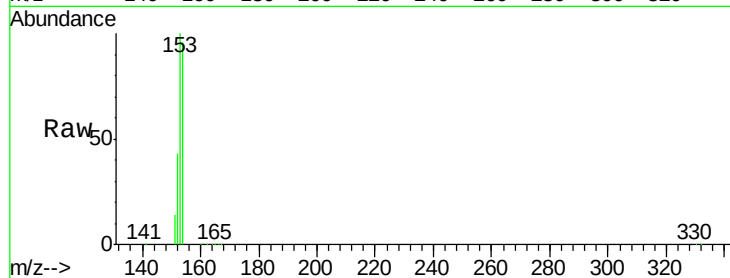
Tgt Ion:154 Resp: 116444

Ion Ratio Lower Upper

154 100

153 104.5 0.0 0.0#

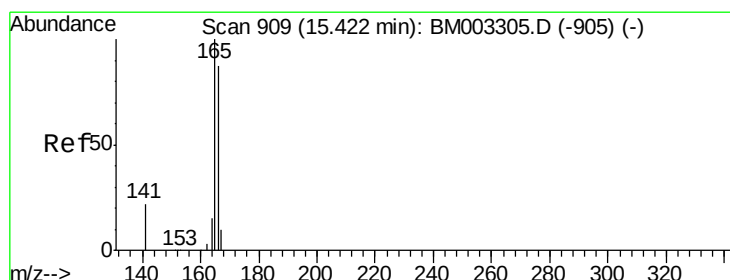
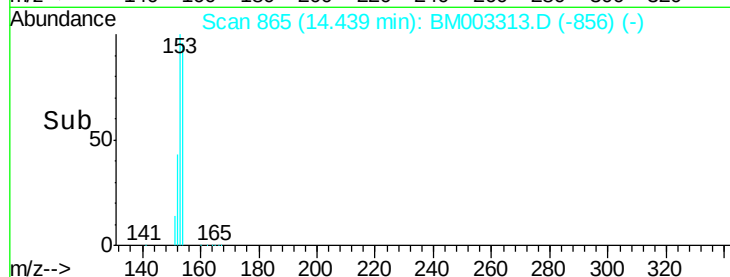
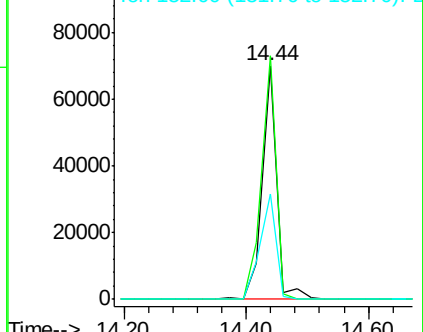
152 49.2 0.0 0.0#



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: 3.25 ng

RT: 15.44 min Scan# 910

Delta R.T. 0.02 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

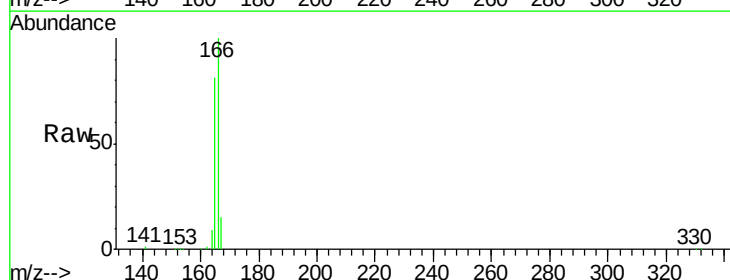
Tgt Ion:166 Resp: 121209

Ion Ratio Lower Upper

166 100

165 95.8 80.8 121.2

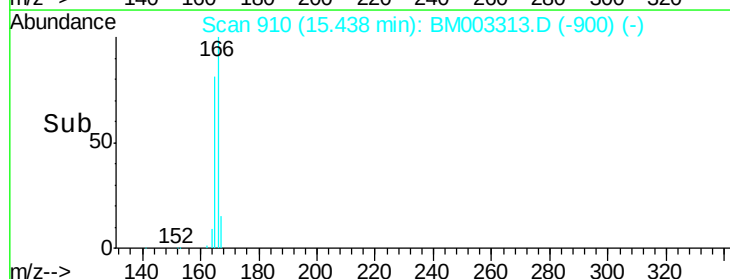
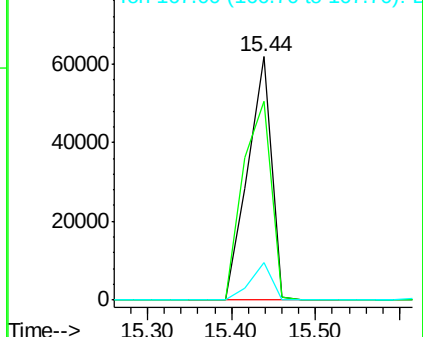
167 13.7 10.5 15.7

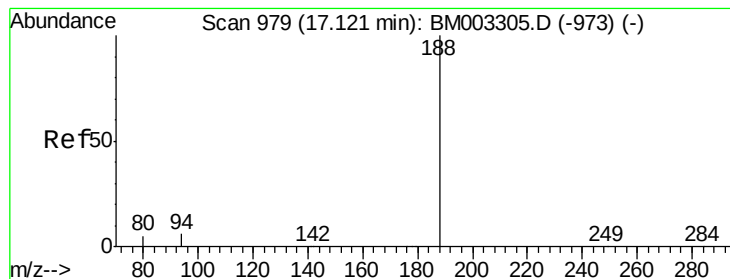


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

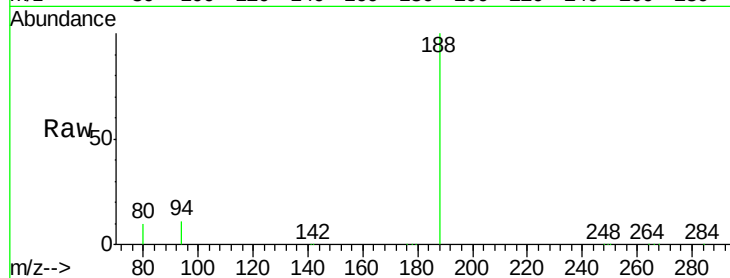
Tgt Ion:188 Resp: 252009

Ion Ratio Lower Upper

188 100

94 10.8 1.8 2.6#

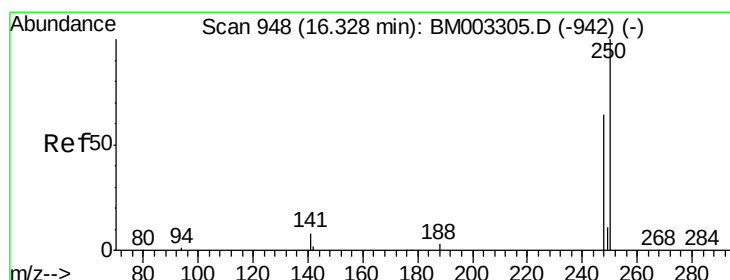
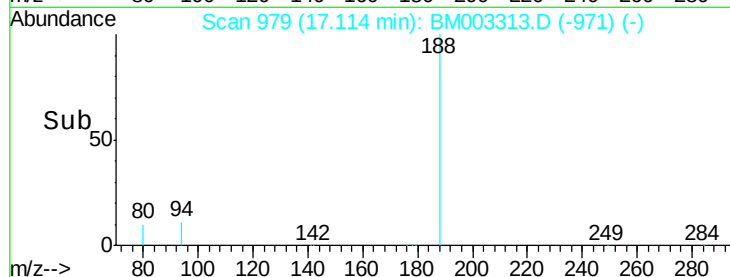
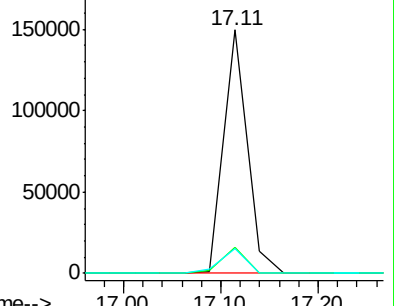
80 10.2 1.4 2.0#



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: 3.24 ng

RT: 16.32 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

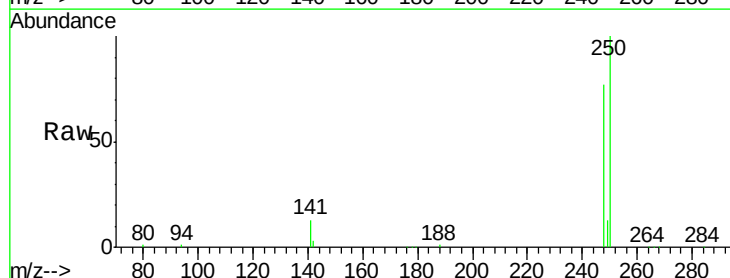
Tgt Ion:248 Resp: 30133

Ion Ratio Lower Upper

248 100

250 116.2 65.4 98.0#

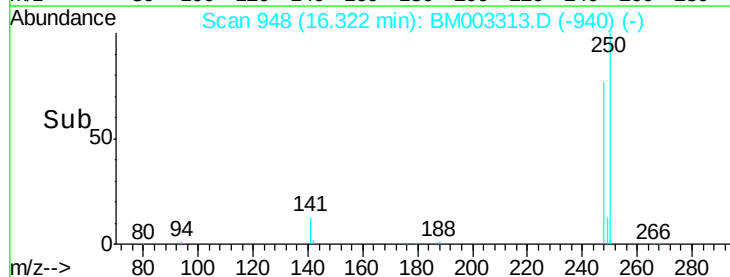
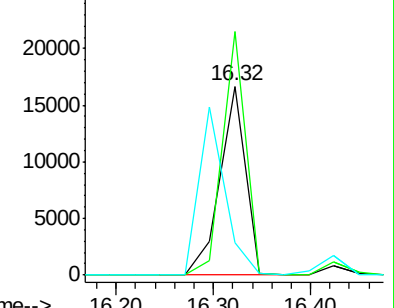
141 0.0 72.8 109.2#

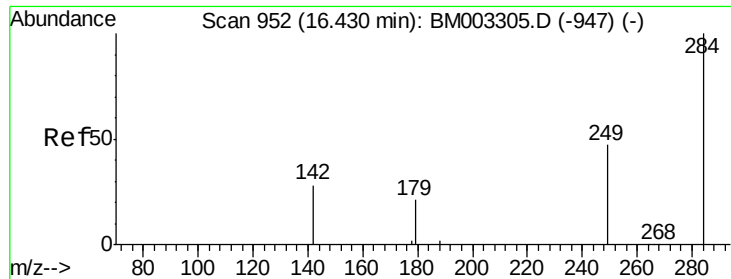


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

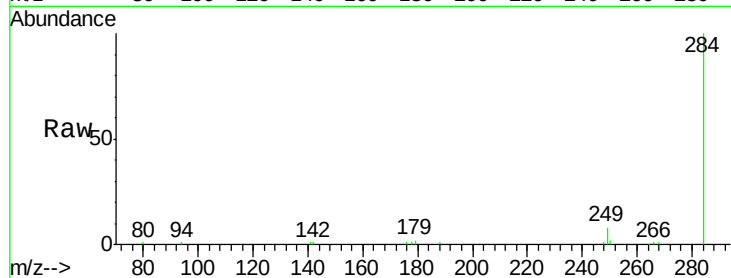




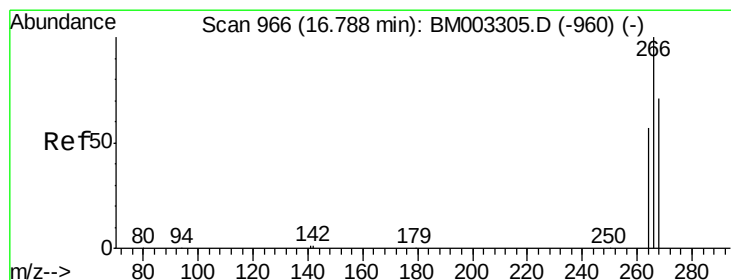
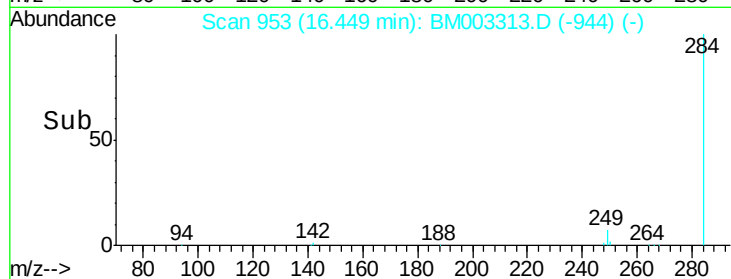
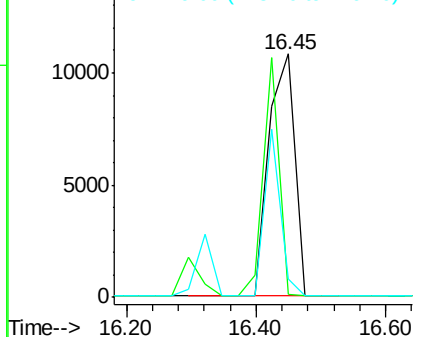
#21
Hexachlorobenzene
Concen: 3.35 ng
RT: 16.45 min Scan# 953
Delta R.T. 0.02 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Instrument :
BNA_M
ClientSampleId :
PB86805BS

Tgt Ion: 284 Resp: 29611
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 19.4 29.2#

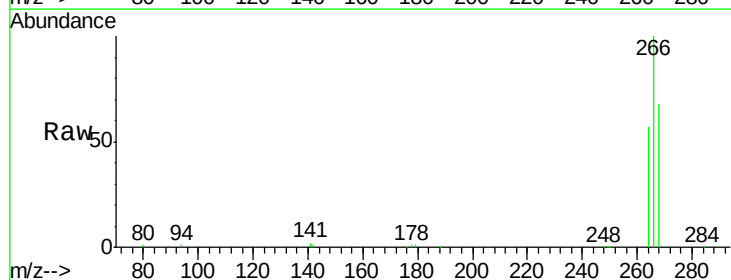


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

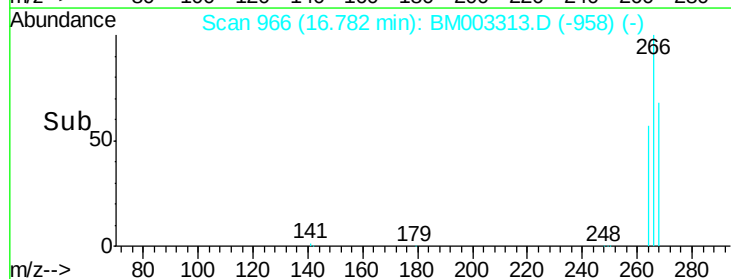
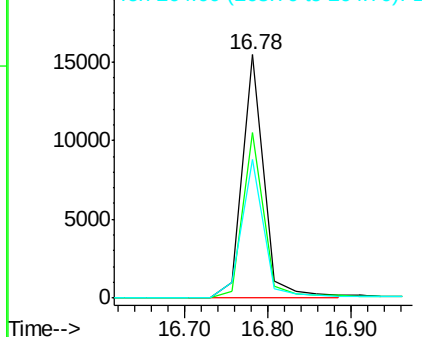


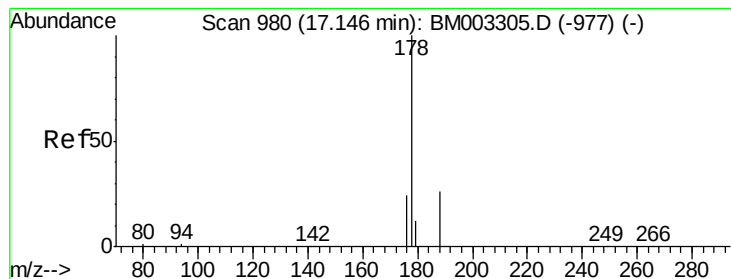
#22
Pentachlorophenol
Concen: 6.45 ng
RT: 16.78 min Scan# 966
Delta R.T. -0.01 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Tgt Ion: 266 Resp: 27773
Ion Ratio Lower Upper
266 100
268 68.0 45.8 68.8
264 56.7 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: 3.34 ng

RT: 17.17 min Scan# 981

Delta R.T. 0.02 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

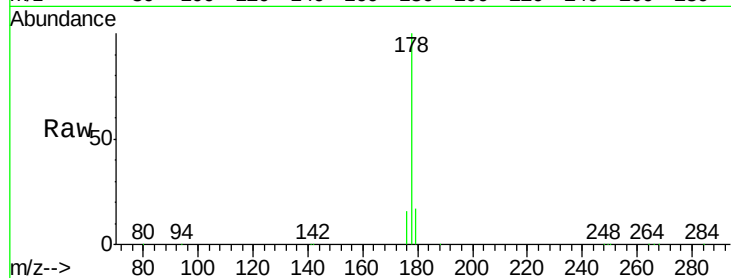
Tgt Ion:178 Resp: 190728

Ion Ratio Lower Upper

178 100

176 18.0 15.9 23.9

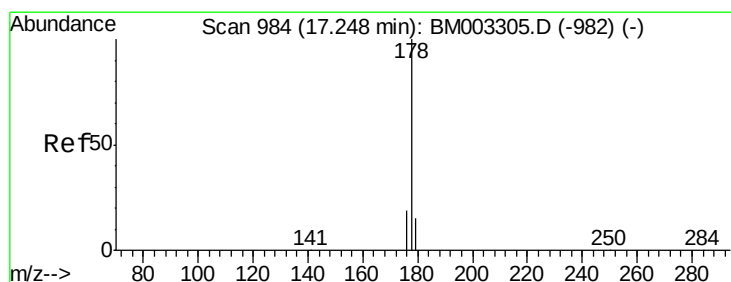
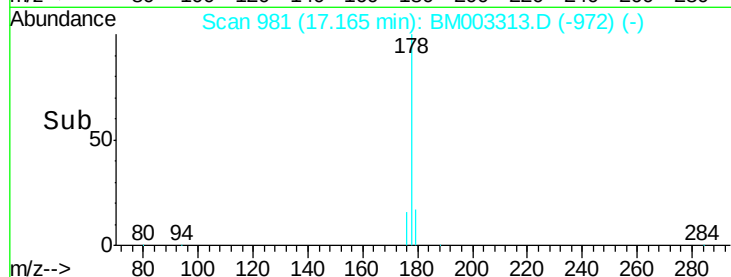
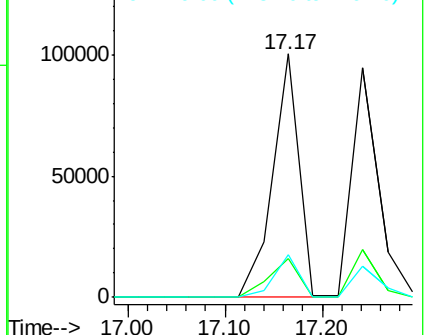
179 16.2 11.7 17.5



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: 3.74 ng

RT: 17.24 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

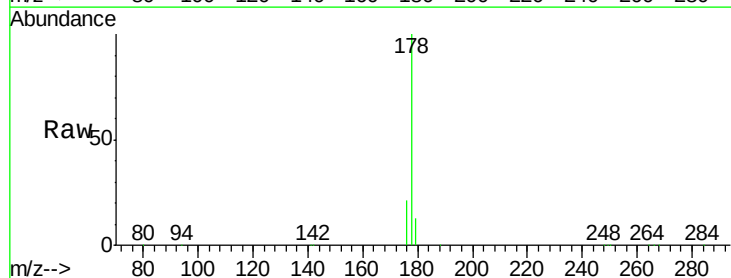
Tgt Ion:178 Resp: 175771

Ion Ratio Lower Upper

178 100

176 19.6 14.1 21.1

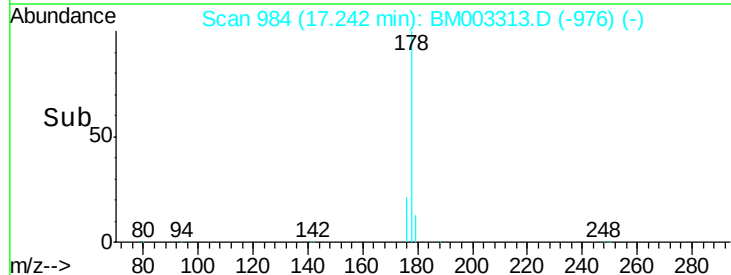
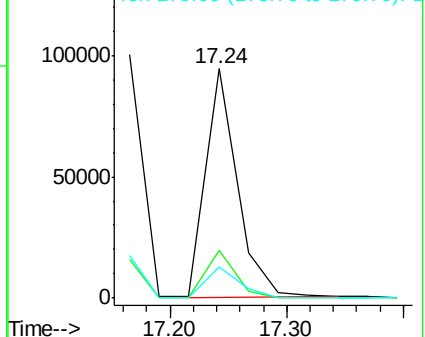
179 14.4 12.8 19.2

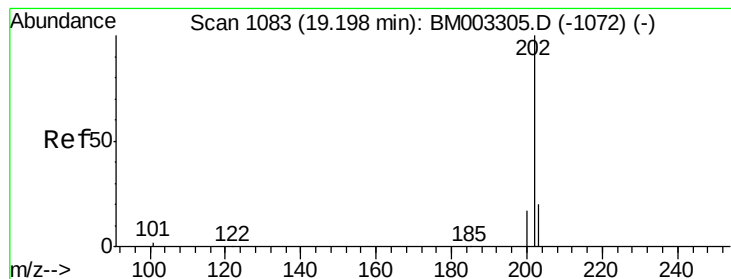


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene

Concen: 3.54 ng

RT: 19.19 min Scan# 1083

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

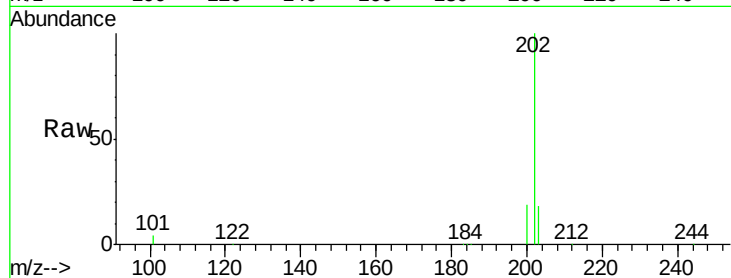
Tgt Ion:202 Resp: 194316

Ion Ratio Lower Upper

202 100

101 11.8 9.9 14.9

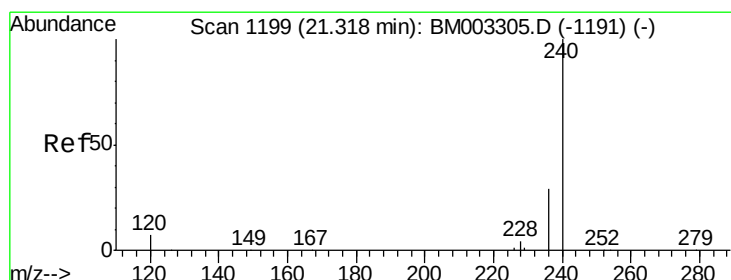
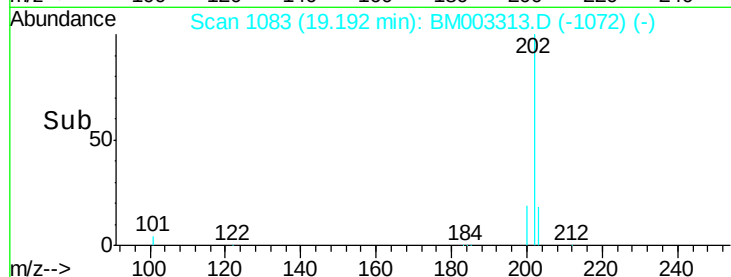
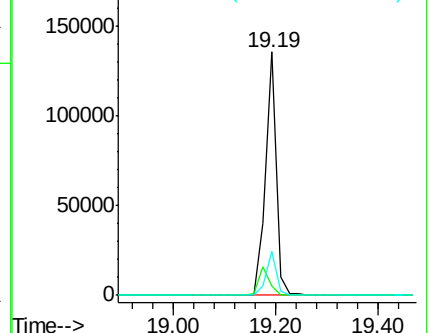
203 17.3 13.9 20.9



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: BM003313.D

Acq: 27 Nov 2015 20:21

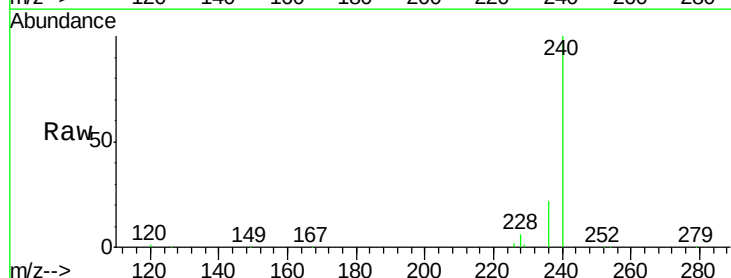
Tgt Ion:240 Resp: 179310

Ion Ratio Lower Upper

240 100

120 1.1 1.0 1.4

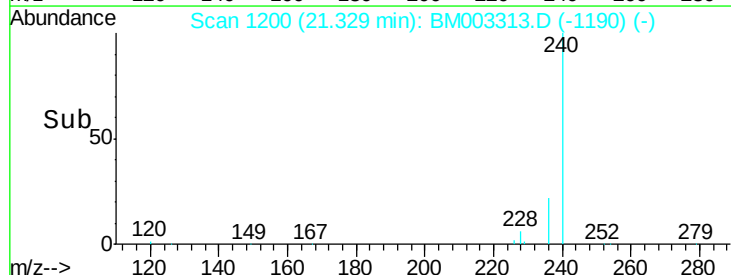
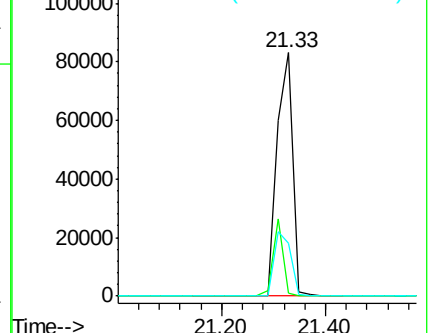
236 21.9 17.9 26.9

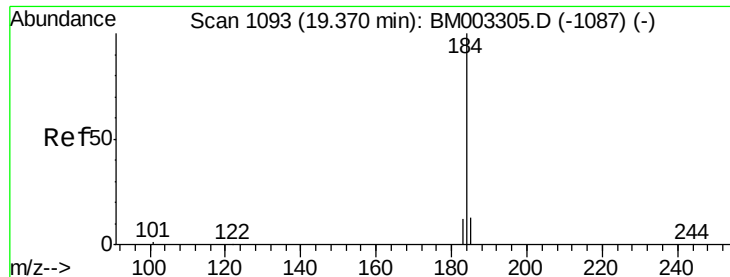


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

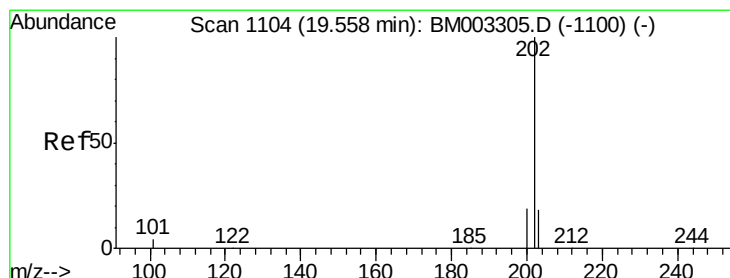
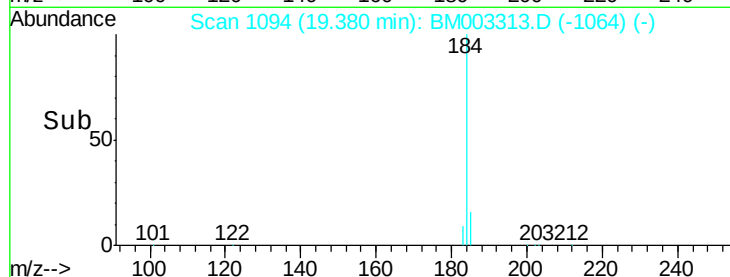
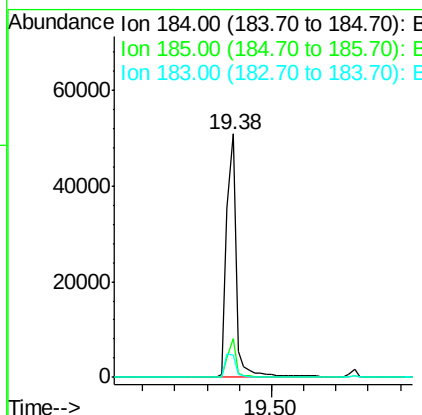
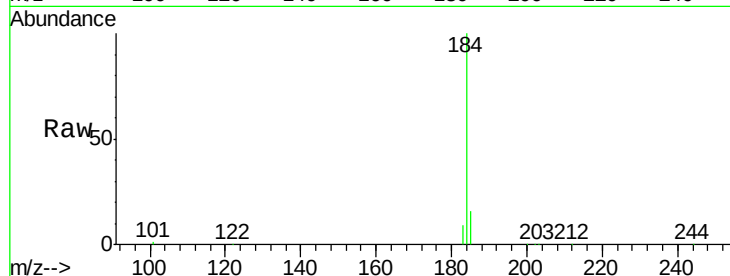




#27
Benzidine
Concen: 7.66 ng
RT: 19.38 min Scan# 1094
Delta R.T. 0.01 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

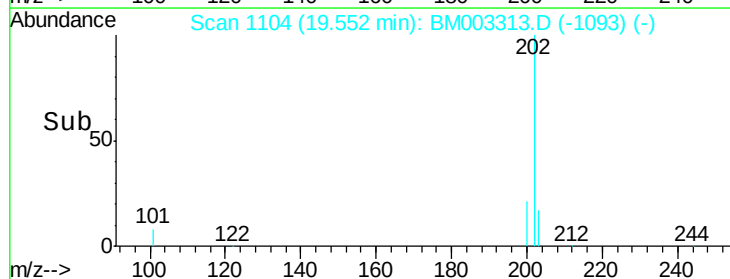
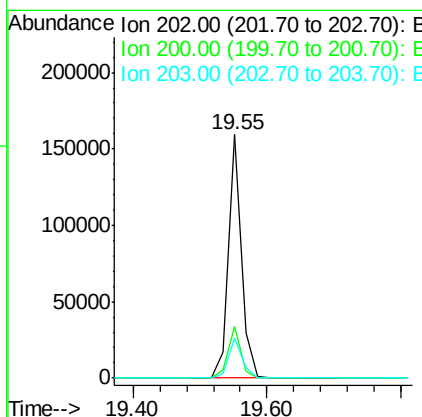
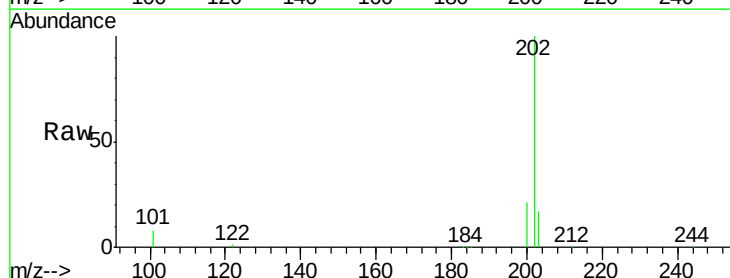
Instrument :
BNA_M
ClientSampleId :
PB86805BS

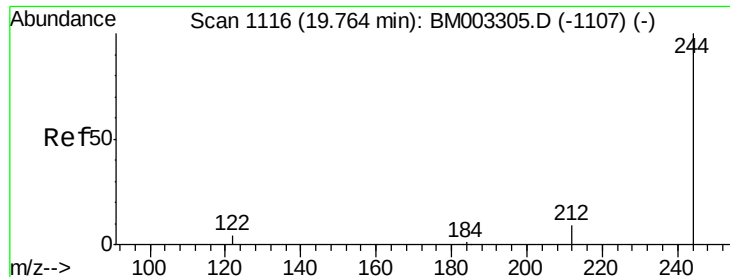
Tgt Ion:184 Resp: 103916
Ion Ratio Lower Upper
184 100
185 16.0 11.6 17.4
183 9.1 8.6 13.0



#28
Pyrene
Concen: 3.92 ng
RT: 19.55 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BM003313.D
Acq: 27 Nov 2015 20:21

Tgt Ion:202 Resp: 214902
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 17.6 13.8 20.6





#29

Terphenyl-d14

Concen: 3.81 ng

RT: 19.76 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

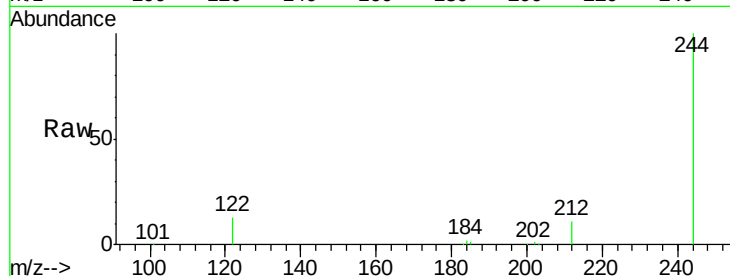
Tgt Ion:244 Resp: 95130

Ion Ratio Lower Upper

244 100

212 10.7 6.5 9.7#

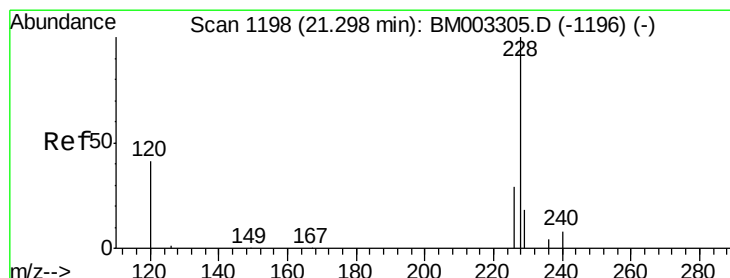
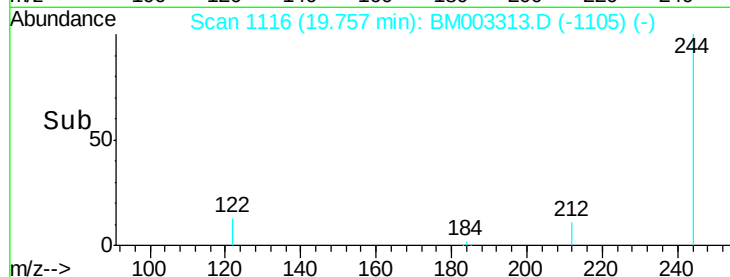
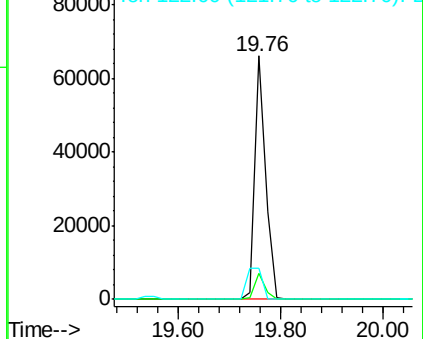
122 12.8 2.0 3.0#



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: 3.56 ng

RT: 21.31 min Scan# 1199

Delta R.T. 0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

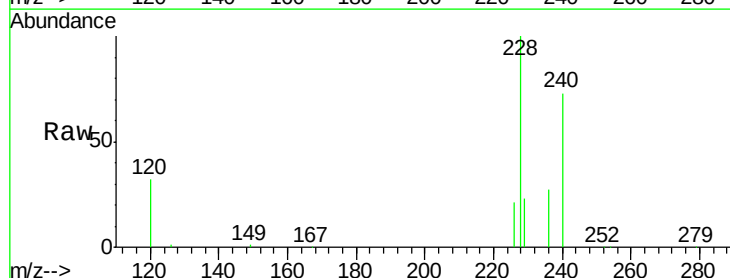
Tgt Ion:228 Resp: 161868

Ion Ratio Lower Upper

228 100

226 21.2 17.8 26.6

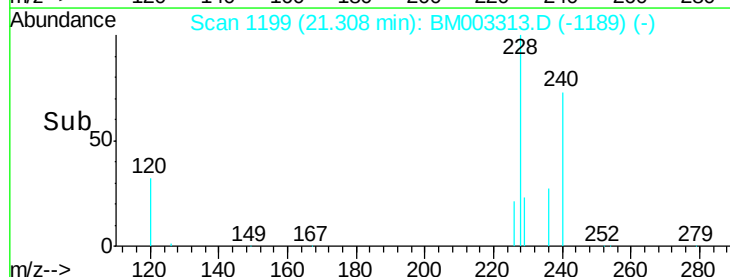
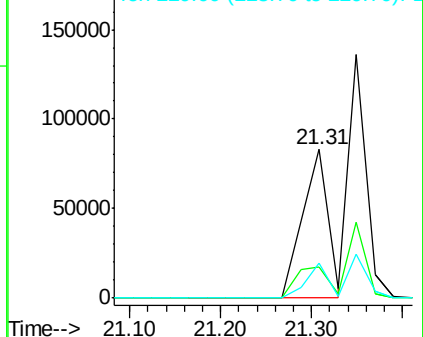
229 23.4 18.0 27.0

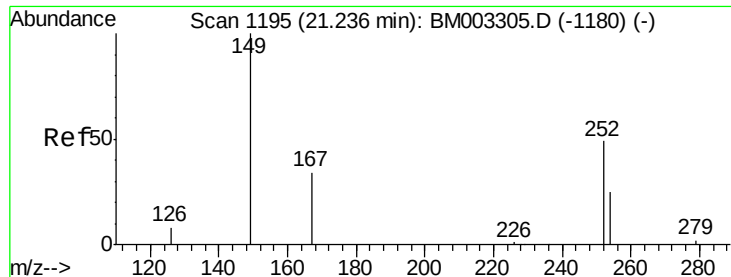


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

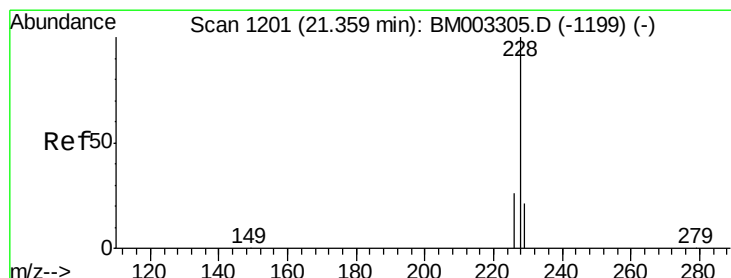
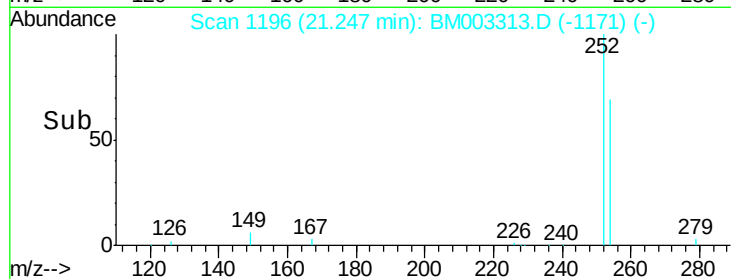
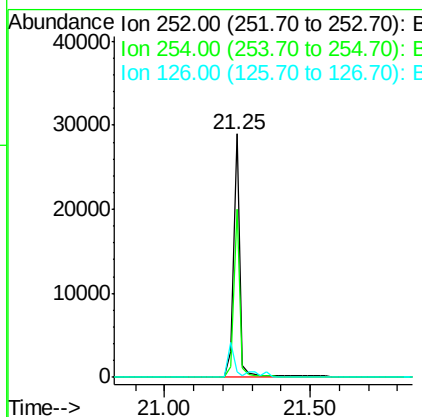
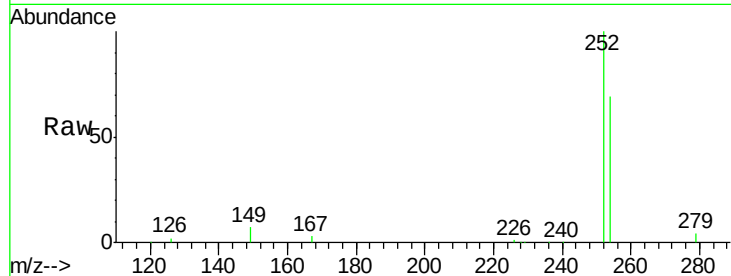




#31
 3,3'-Dichlorobenzidine
 Concen: 3.69 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

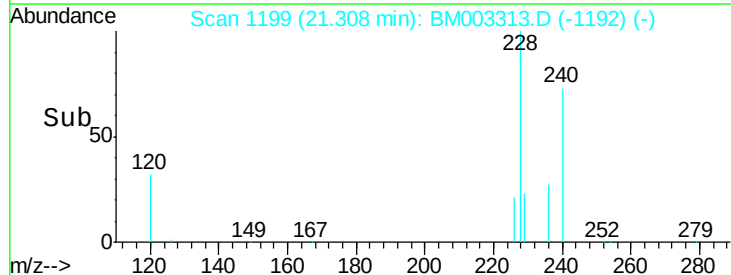
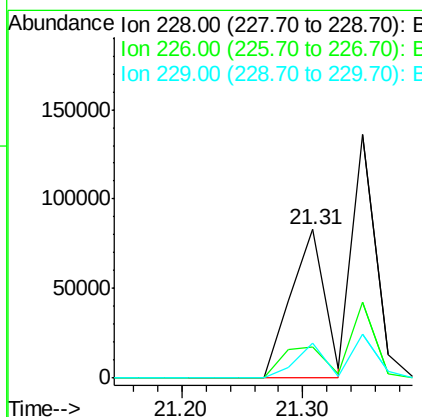
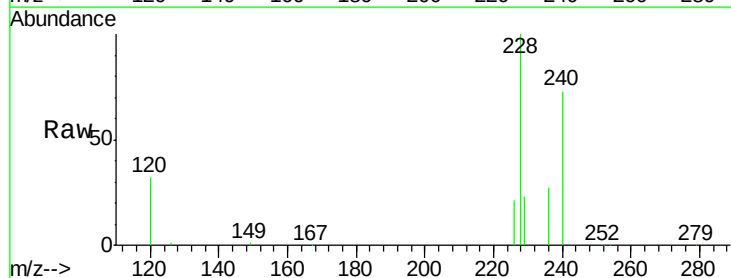
Instrument :
 BNA_M
 ClientSampleId :
 PB86805BS

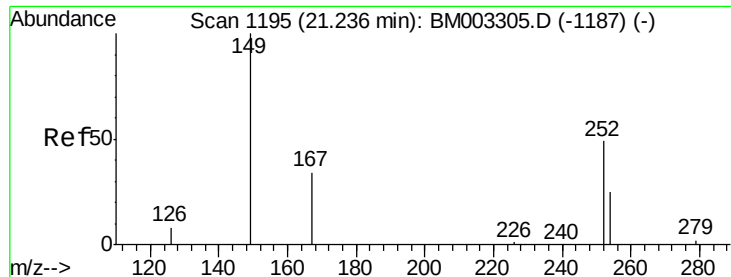
Tgt Ion: 252 Resp: 43240
 Ion Ratio Lower Upper
 252 100
 254 69.2 53.7 80.5
 126 2.2 2.8 4.2#



#32
 Chrysene
 Concen: 3.19 ng
 RT: 21.31 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

Tgt Ion: 228 Resp: 161865
 Ion Ratio Lower Upper
 228 100
 226 21.2 25.5 38.3#
 229 23.4 14.3 21.5#

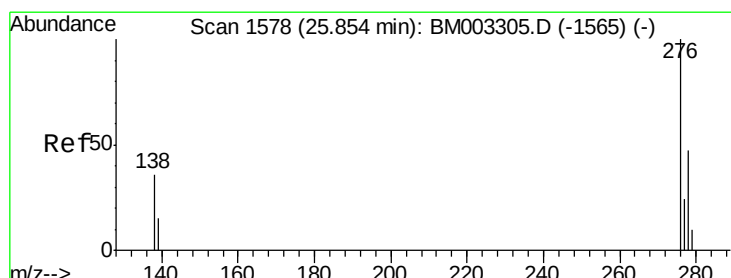
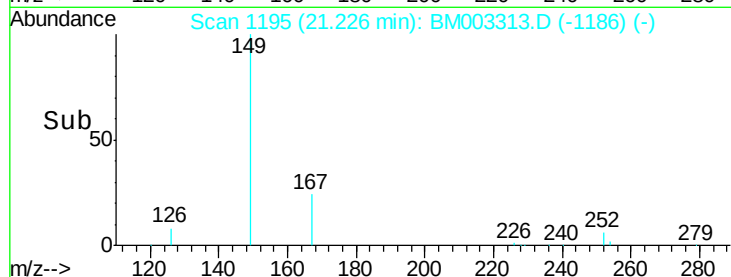
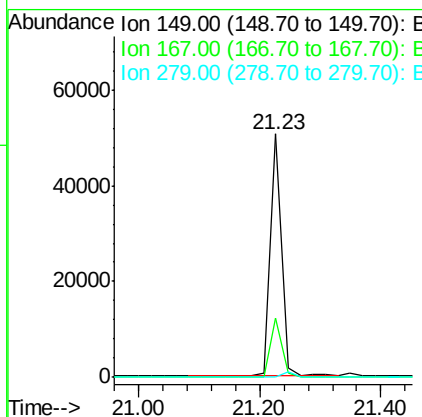
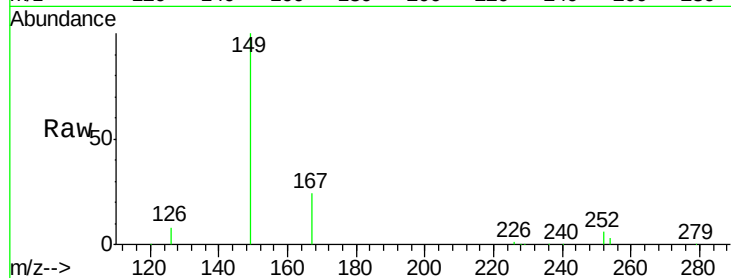




#33
 Bis(2-ethylhexyl)phthalate
 Concen: 3.69 ng
 RT: 21.23 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

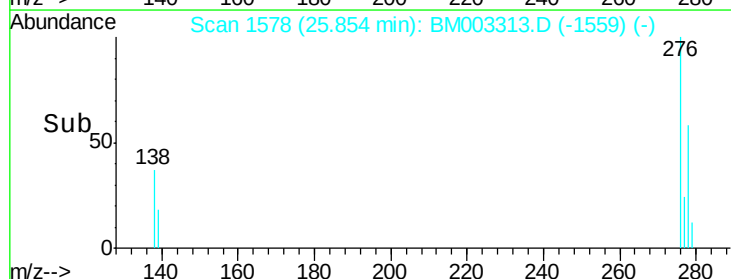
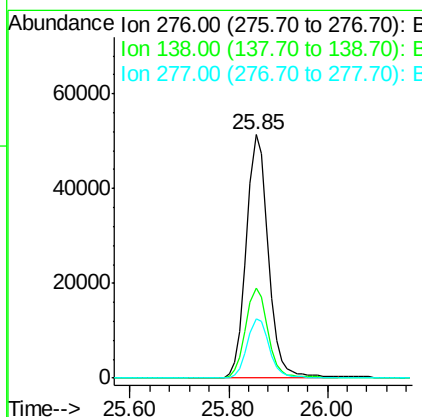
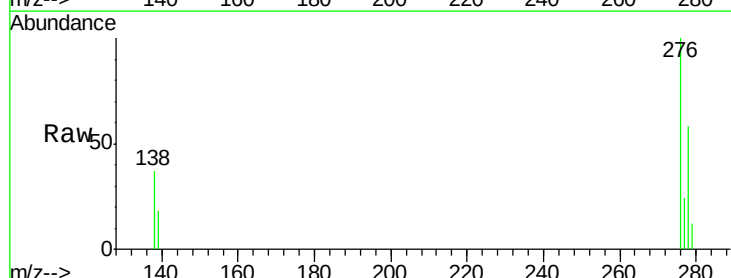
Instrument :
 BNA_M
 ClientSampleId :
 PB86805BS

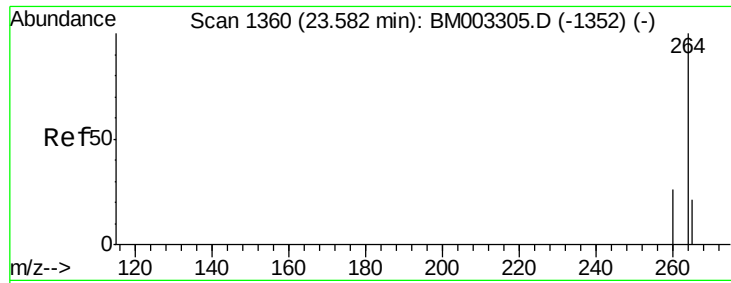
Tgt Ion:149 Resp: 66337
 Ion Ratio Lower Upper
 149 100
 167 24.3 19.6 29.4
 279 0.0 0.0 0.0



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.70 ng
 RT: 25.85 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

Tgt Ion:276 Resp: 153763
 Ion Ratio Lower Upper
 276 100
 138 37.4 19.1 28.7#
 277 24.7 15.9 23.9#

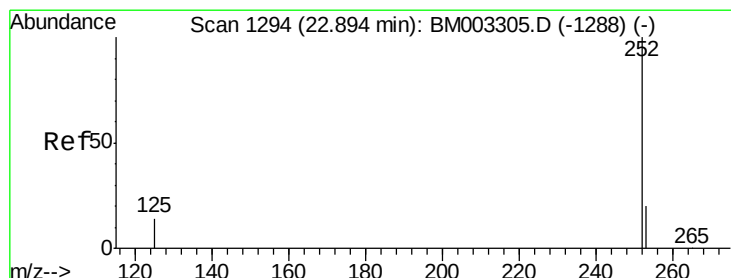
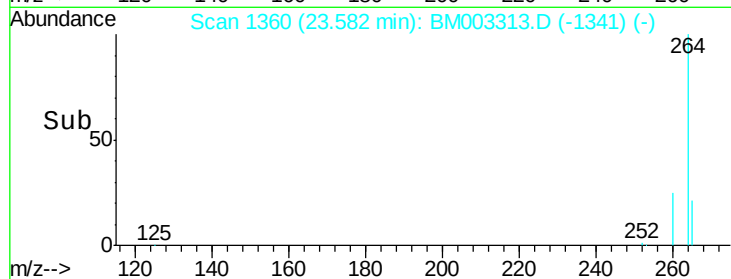
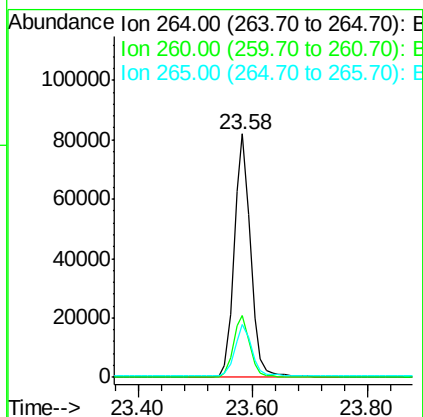
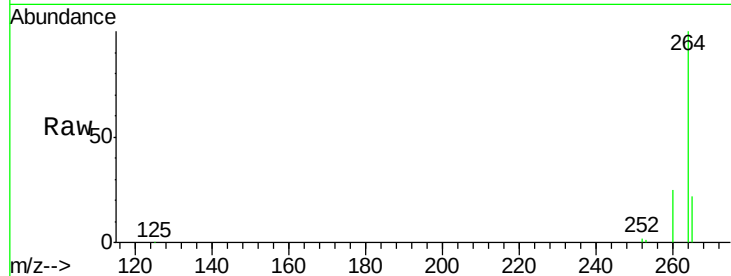




#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.58 min Scan# 1360
 Delta R.T. 0.00 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

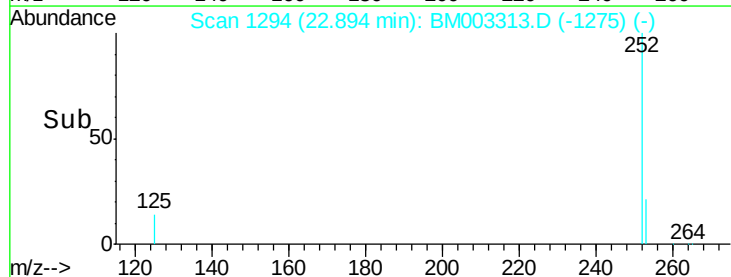
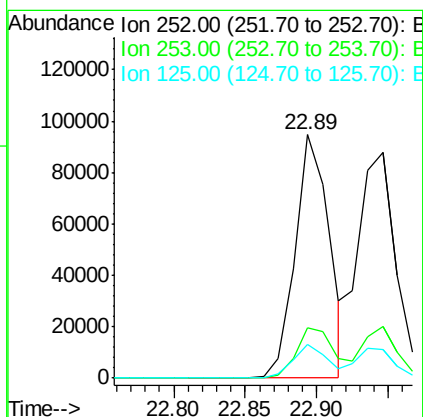
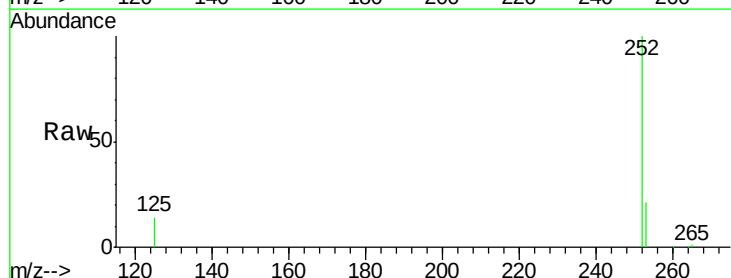
Instrument :
 BNA_M
 ClientSampleId :
 PB86805BS

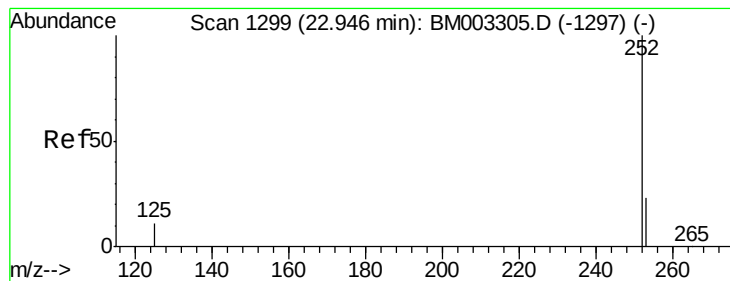
Tgt Ion: 264 Resp: 162101
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.6 29.4
 265 21.8 18.4 27.6



#36
 Benzo(b)fluoranthene
 Concen: 3.36 ng
 RT: 22.89 min Scan# 1294
 Delta R.T. 0.00 min
 Lab File: BM003313.D
 Acq: 27 Nov 2015 20:21

Tgt Ion: 252 Resp: 156538
 Ion Ratio Lower Upper
 252 100
 253 20.7 18.2 27.4
 125 13.7 10.3 15.5





#37

Benzo(k)fluoranthene

Concen: 3.86 ng

RT: 22.95 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

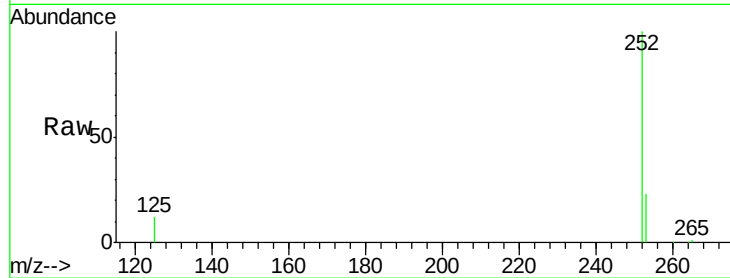
Tgt Ion:252 Resp: 161888

Ion Ratio Lower Upper

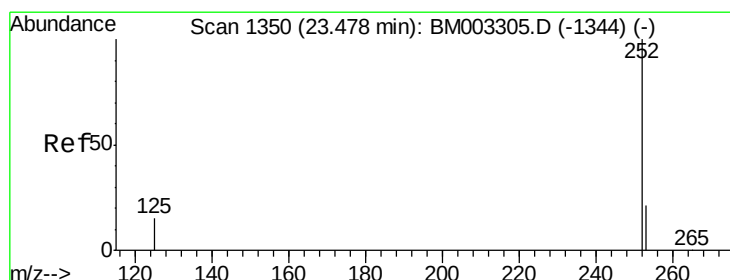
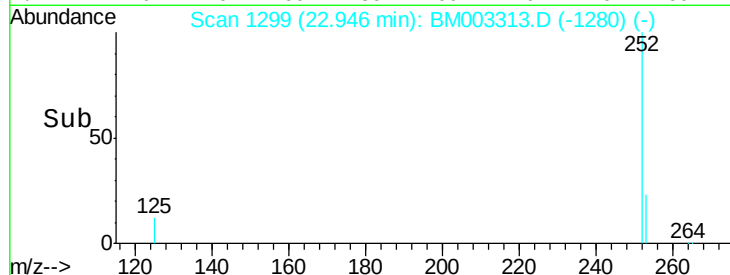
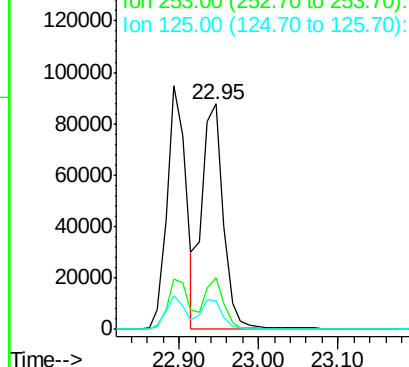
252 100

253 22.7 17.5 26.3

125 12.4 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: 3.73 ng

RT: 23.48 min Scan# 1350

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

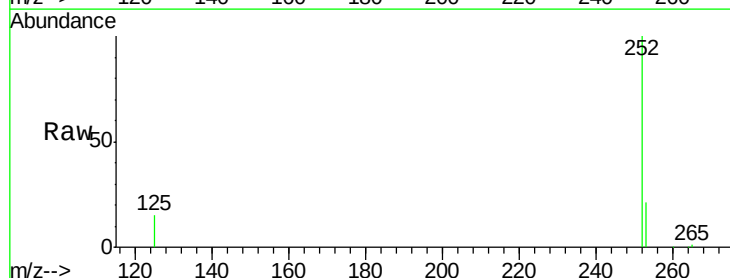
Tgt Ion:252 Resp: 138715

Ion Ratio Lower Upper

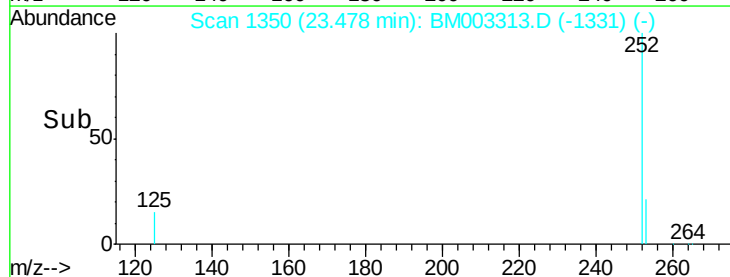
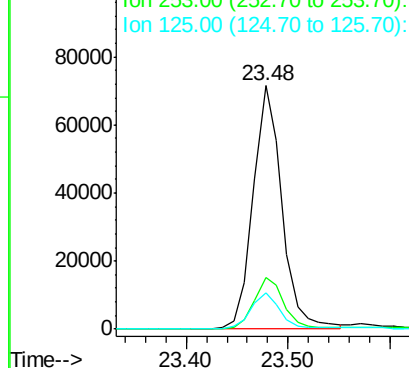
252 100

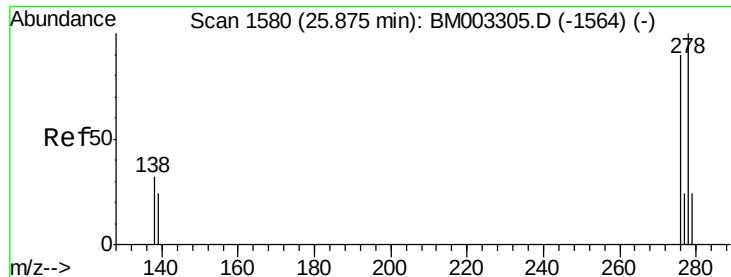
253 21.3 18.7 28.1

125 15.0 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: 3.83 ng

RT: 25.86 min Scan# 1579

Delta R.T. -0.01 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

Instrument :

BNA_M

ClientSampleId :

PB86805BS

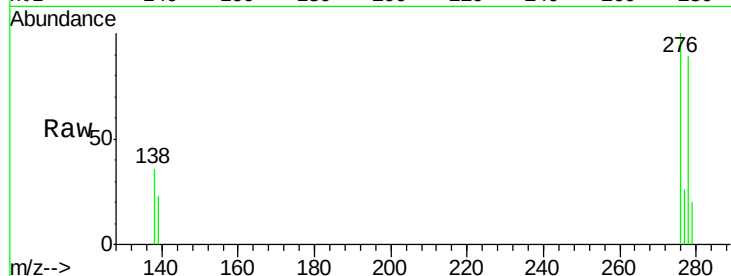
Tgt Ion: 278 Resp: 123162

Ion Ratio Lower Upper

278 100

139 26.5 18.2 27.4

279 22.7 18.8 28.2

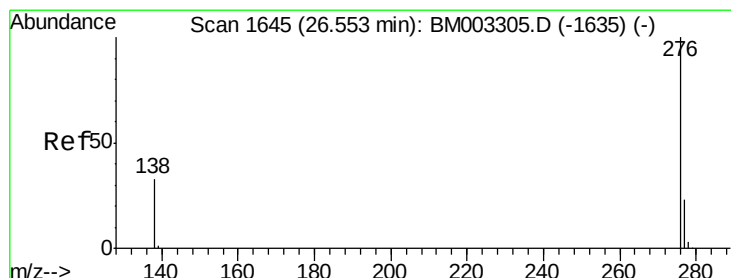
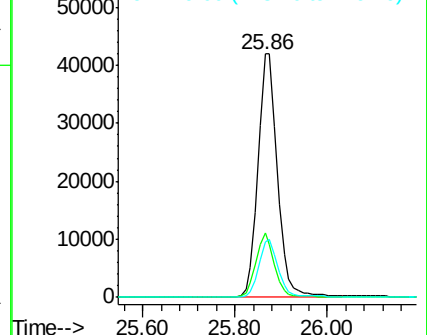
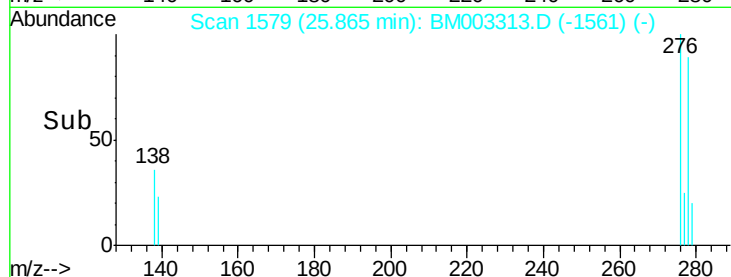


Abundance

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: 3.54 ng

RT: 26.55 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BM003313.D

Acq: 27 Nov 2015 20:21

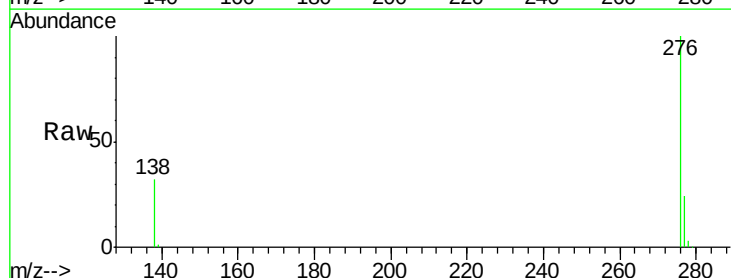
Tgt Ion: 276 Resp: 136501

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.6

138 32.0 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

