

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
 Data File : BM004513.D
 Acq On : 02 Mar 2016 10:46
 Operator : SJ/UM
 Sample : PB88423BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88423BL

Quant Time: Mar 02 15:22:13 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 14:46:57 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	20922	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	75030	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	36913	5.00	ng	0.00
19) Phenanthrene-d10	17.03	188	71559	5.00	ng	0.02
26) Chrysene-d12	21.23	240	82273	5.00	ng	0.00
35) Perylene-d12	23.46	264	74513	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.21	112	32856	7.51	ng	-0.03
5) Phenol-d6	6.80	99	37373	6.46	ng	-0.03
8) Nitrobenzene-d5	8.79	82	13340	3.38	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	6873	5.14	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	48284	4.20	ng	0.00
29) Terphenyl-d14	19.68	244	41593	3.37	ng	0.00

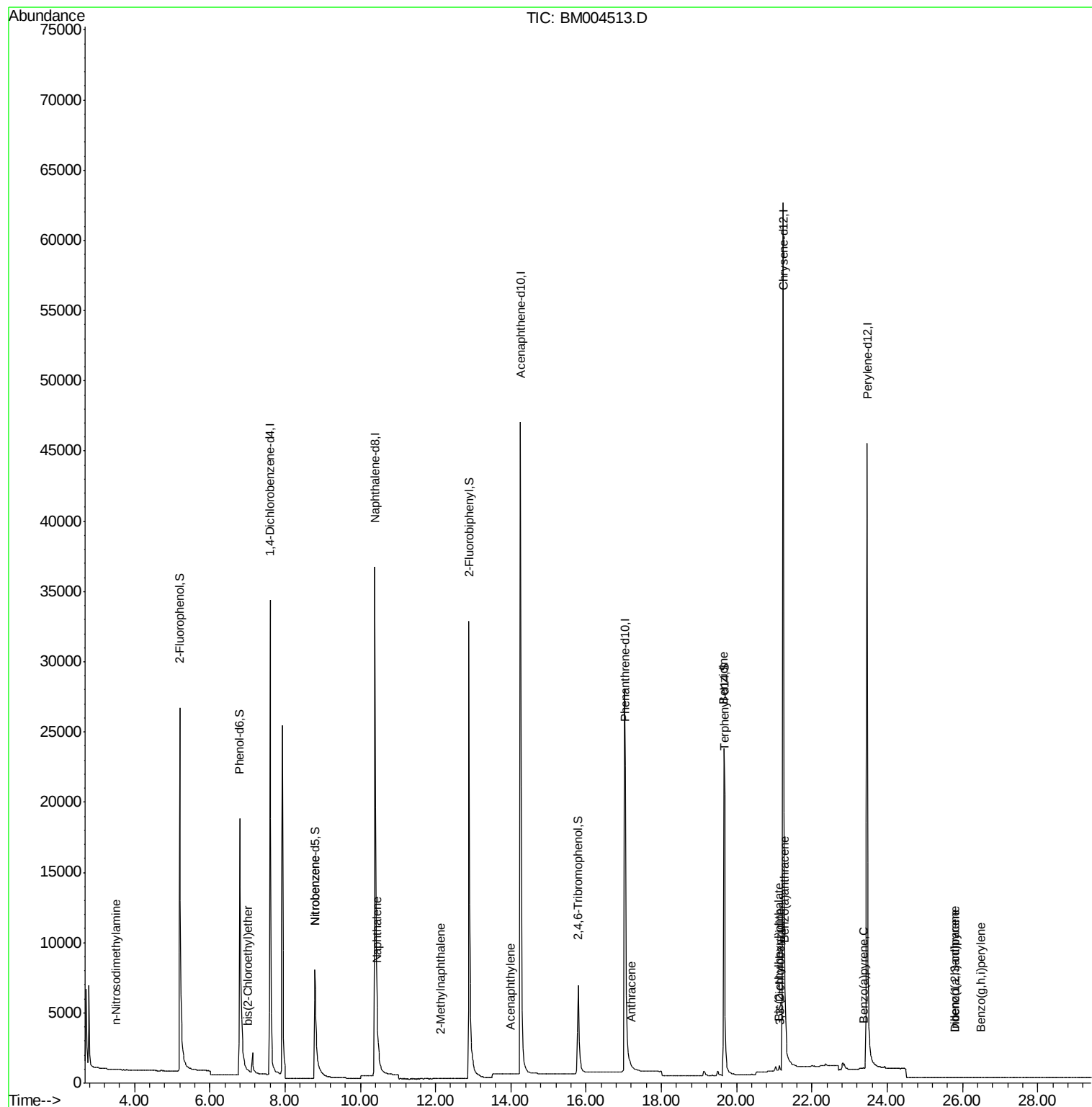
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.51	42	6	0.00	ng	# 27
6) bis(2-Chloroethyl)ether	7.02	93	9	0.09	ng	# 26
9) Nitrobenzene	8.79	77	39	0.19	ng	# 22
10) Naphthalene	10.44	128	57	0.00	ng	# 1
12) 2-Methylnaphthalene	12.14	142	19	0.00	ng	# 49
16) Acenaphthylene	13.99	152	12	0.10	ng	# 72
17) Acenaphthene	14.26	154	168	Below Cal		# 14
18) Fluorene	15.37	166	11	Below Cal		# 29
21) Hexachlorobenzene	16.37	284	11	Below Cal		# 100
23) Phenanthrene	17.06	178	167	Below Cal		# 76
24) Anthracene	17.21	178	51	0.18	ng	# 93
25) Fluoranthene	19.13	202	790	Below Cal		96
27) Benzidine	19.66	184	927	0.43	ng	# 88
28) Pyrene	19.49	202	663	Below Cal		95
30) Benzo(a)anthracene	21.28	228	2709	0.14	ng	# 91
31) 3,3'-Dichlorobenzidine	21.15	252	9	0.00	ng	# 39
32) Chrysene	21.28	228	2905	Below Cal		# 89
33) Bis(2-ethylhexyl)phthalate	21.13	149	396	0.13	ng	# 83
34) Indeno(1,2,3-cd)pyrene	25.81	276	65	0.00	ng	# 91
36) Benzo(b)fluoranthene	22.82	252	781	Below Cal		# 28
37) Benzo(k)fluoranthene	22.82	252	781	Below Cal		# 28
38) Benzo(a)pyrene	23.37	252	191	0.01	ng	# 1
39) Dibenzo(a,h)anthracene	25.81	278	43	0.00	ng	# 1
40) Benzo(g,h,i)perylene	26.48	276	51	0.00	ng	# 1

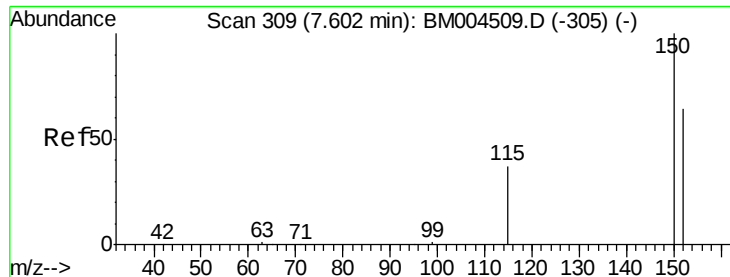
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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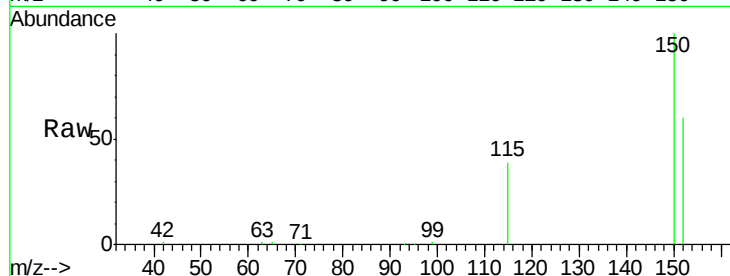


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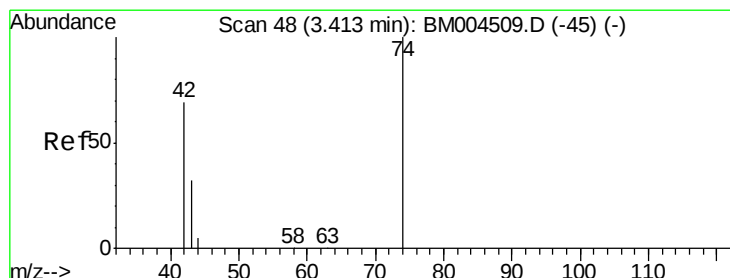
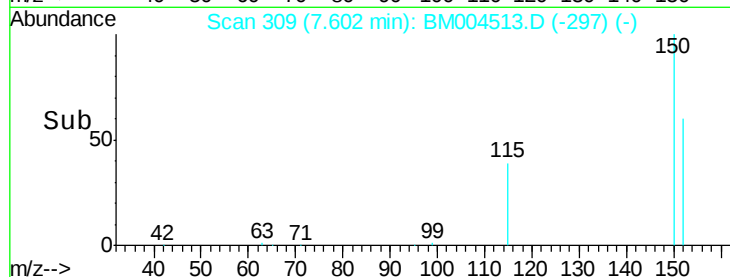
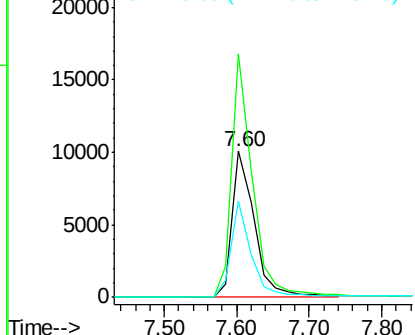
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.60 min Scan# 309
Delta R.T. -0.00 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tot Ion:152 Resp: 20922
Ion Ratio Lower Upper
152 100
150 166.6 134.2 201.2
115 65.7 52.2 78.4



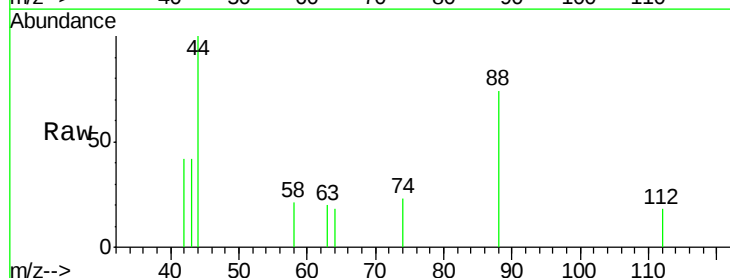
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



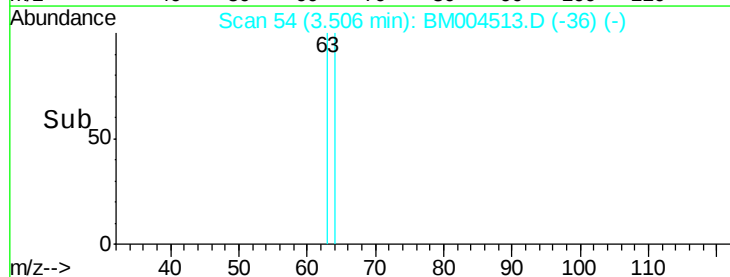
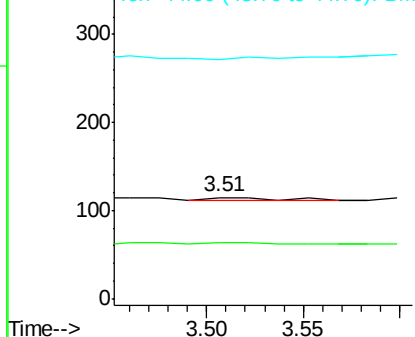
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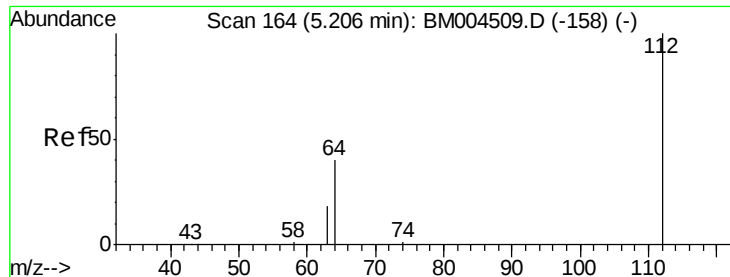
n-Nitrosodimethylamine
Concen: 0.00 ng
RT: 3.51 min Scan# 54
Delta R.T. 0.08 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion: 42 Resp: 6
Ion Ratio Lower Upper
42 100
74 50.0 115.5 173.3#
44 0.0 6.2 9.4#



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 7.51 ng

RT: 5.21 min Scan# 164

Delta R.T. -0.03 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

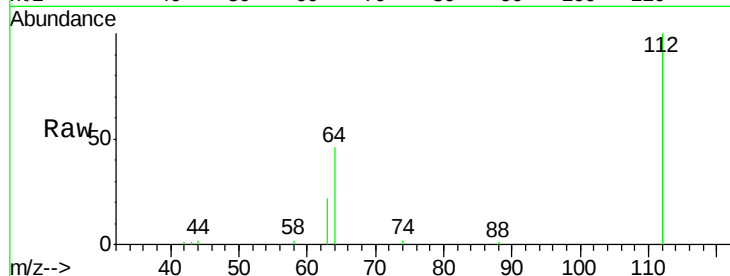
Tot Ion:112 Resp: 32856

Ion Ratio Lower Upper

112 100

64 49.0 37.0 55.6

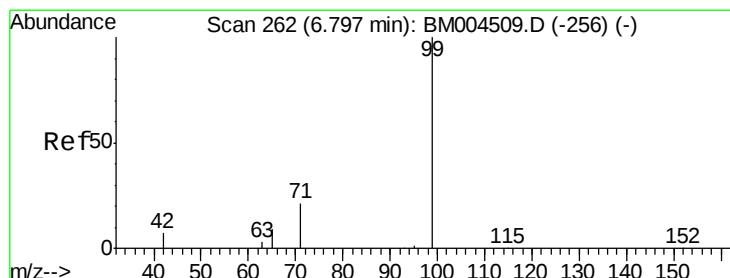
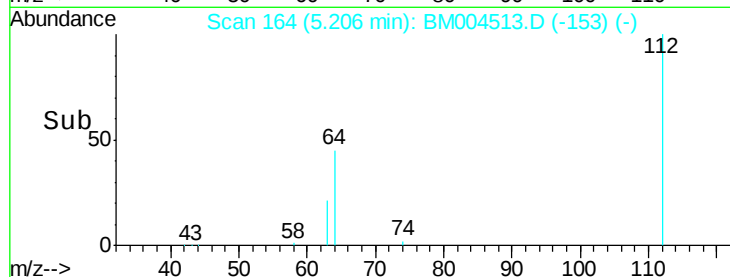
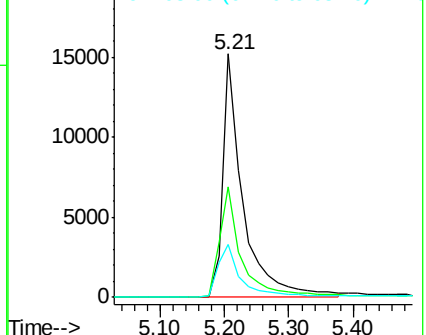
63 24.6 19.0 28.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#5

Phenol-d6

Concen: 6.46 ng

RT: 6.80 min Scan# 262

Delta R.T. -0.03 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

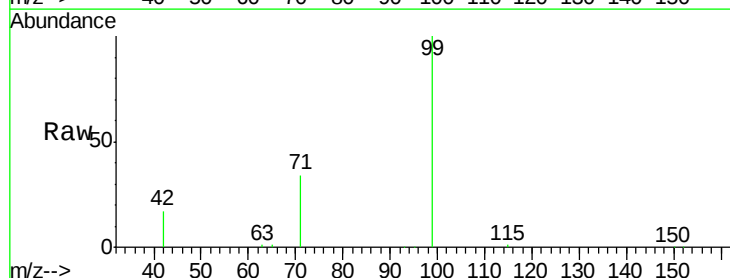
Tgt Ion: 99 Resp: 37373

Ion Ratio Lower Upper

99 100

42 14.9 12.2 18.4

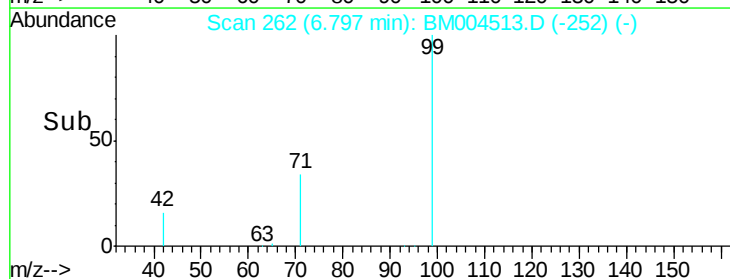
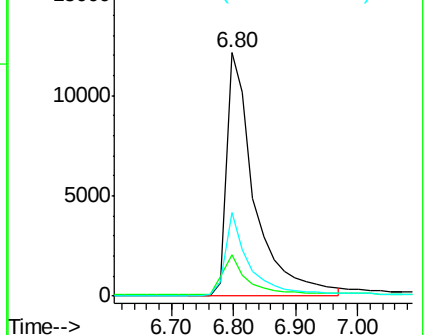
71 29.1 23.4 35.2

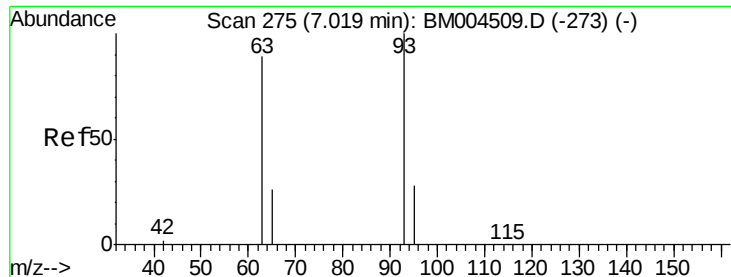


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#6

bis(2-Chloroethyl)ether

Concen: 0.09 ng

RT: 7.02 min Scan# 275

Delta R.T. -0.02 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

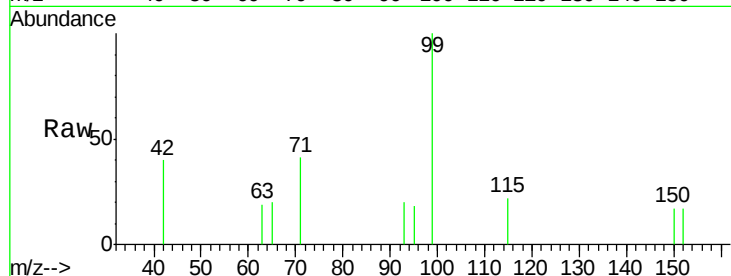
Tot Ion: 93 Resp: 9

Ion Ratio Lower Upper

93 100

63 0.0 51.1 76.7#

95 0.0 25.0 37.6#

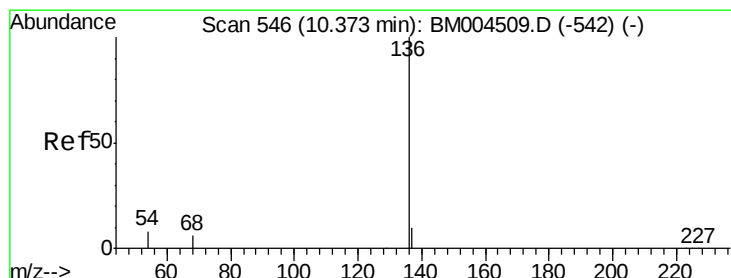
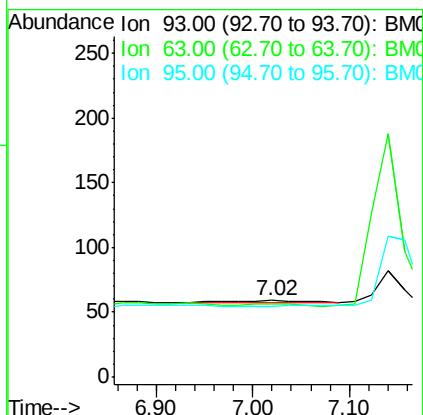
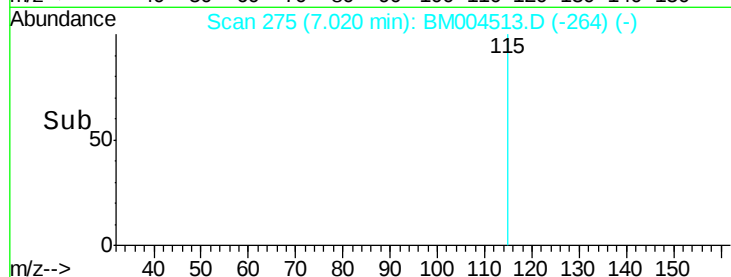


Abundance Ion 93.00 (92.70 to 93.70): BM004513.D (-264) (-)

Ion 63.00 (62.70 to 63.70): BM004513.D (-264) (-)

Ion 95.00 (94.70 to 95.70): BM004513.D (-264) (-)

Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.00 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Tgt Ion: 136 Resp: 75030

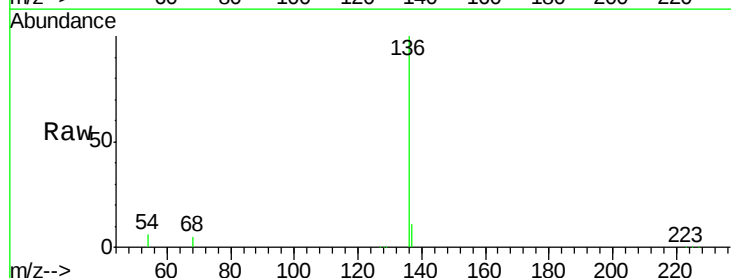
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 5.9 3.3 4.9#

68 4.8 2.9 4.3#



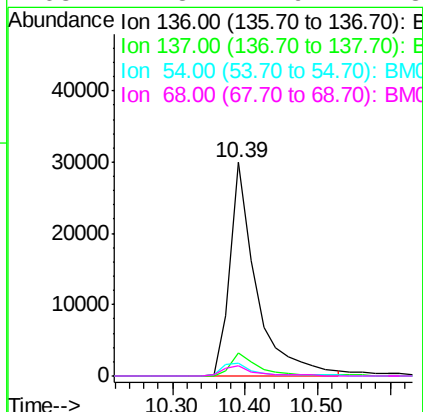
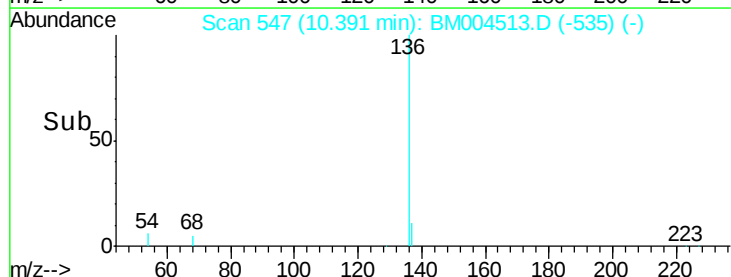
Abundance Ion 136.00 (135.70 to 136.70): BM004513.D (-535) (-)

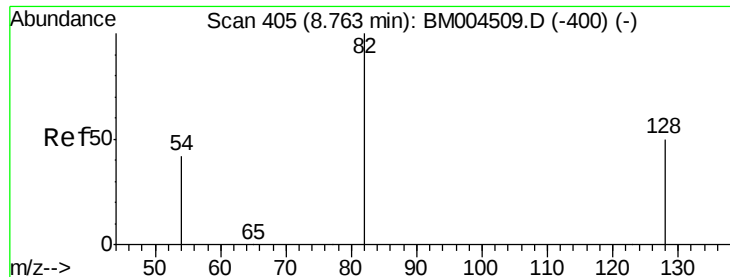
Ion 137.00 (136.70 to 137.70): BM004513.D (-535) (-)

Ion 54.00 (53.70 to 54.70): BM004513.D (-535) (-)

Ion 68.00 (67.70 to 68.70): BM004513.D (-535) (-)

Time-->





#8

Nitrobenzene-d5

Concen: 3.38 ng

RT: 8.79 min Scan# 408

Delta R.T. -0.00 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

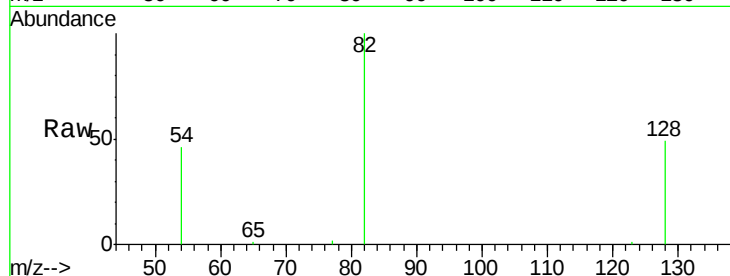
Tot Ion: 82 Resp: 13340

Ion Ratio Lower Upper

82 100

128 48.6 41.9 62.9

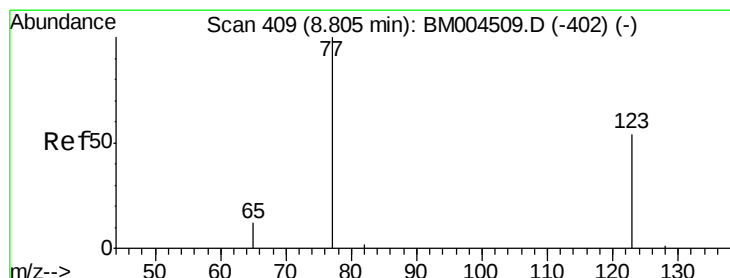
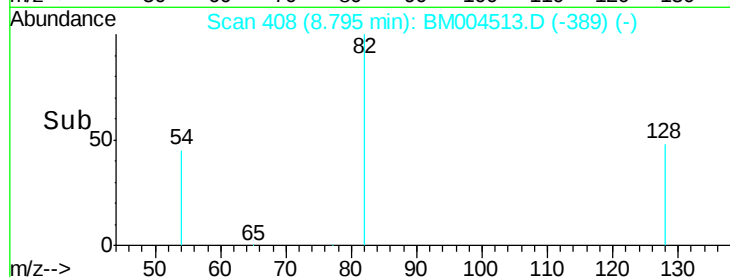
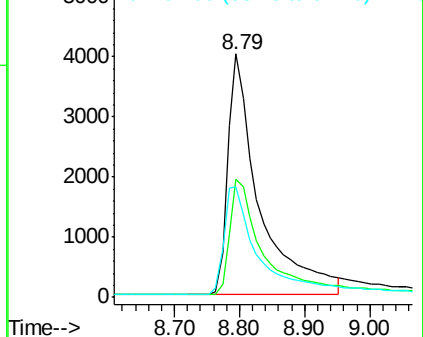
54 45.5 34.2 51.2



Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): BM0



#9

Nitrobenzene

Concen: 0.19 ng

RT: 8.79 min Scan# 408

Delta R.T. -0.04 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

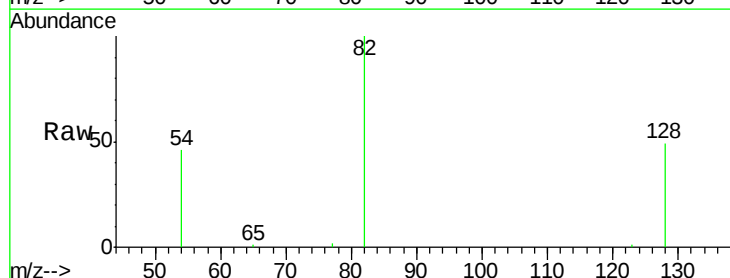
Tgt Ion: 77 Resp: 39

Ion Ratio Lower Upper

77 100

123 0.0 42.5 63.7#

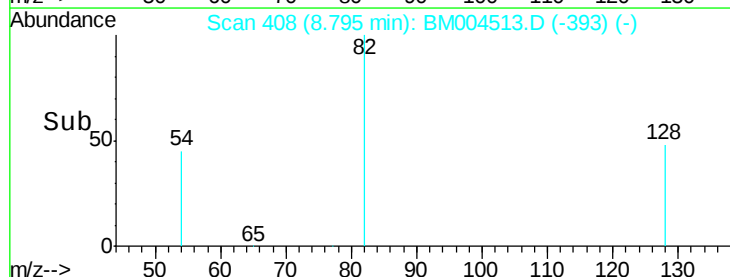
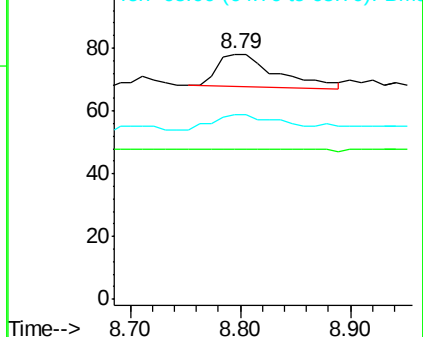
65 48.7 10.0 15.0#

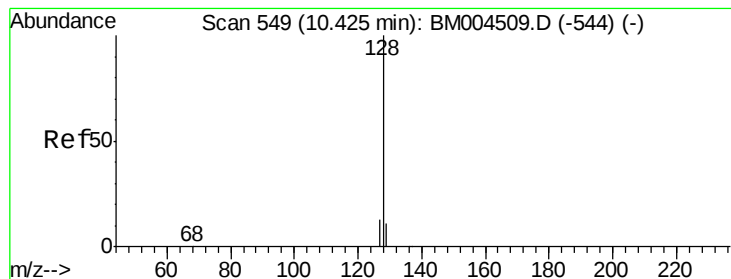


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): B

Ion 65.00 (64.70 to 65.70): BM0





#10

Naphthalene

Concen: 0.00 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

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ClientSampleId :

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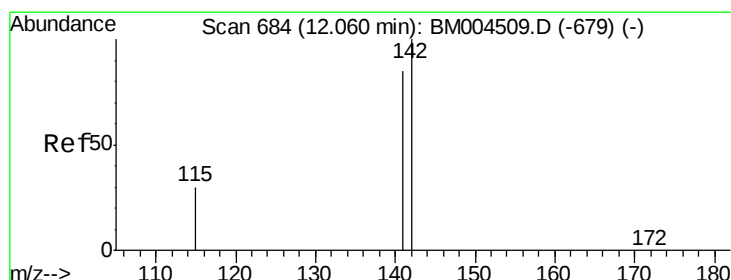
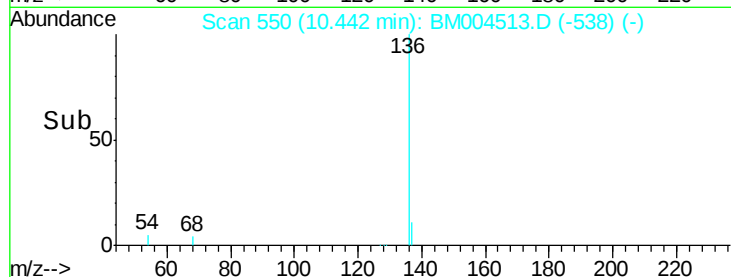
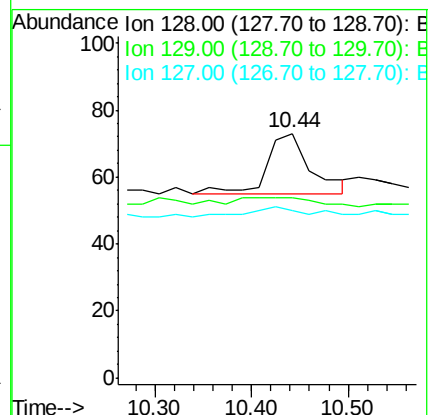
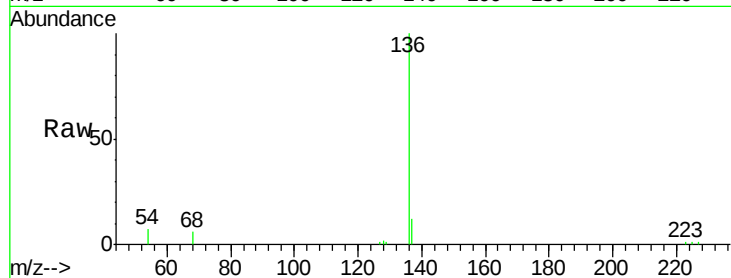
Tot Ion:128 Resp: 57

Ion Ratio Lower Upper

128 100

129 74.0 9.8 14.6#

127 68.5 9.9 14.9#



#12

2-Methylnaphthalene

Concen: 0.00 ng

RT: 12.14 min Scan# 691

Delta R.T. 0.06 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

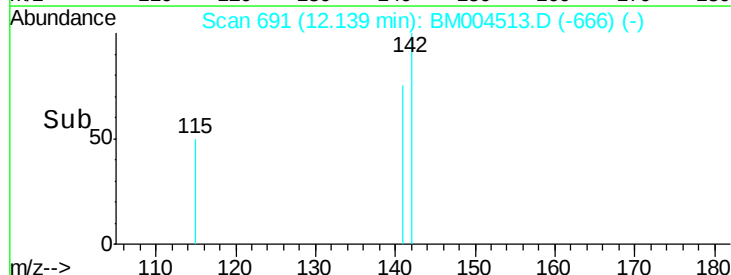
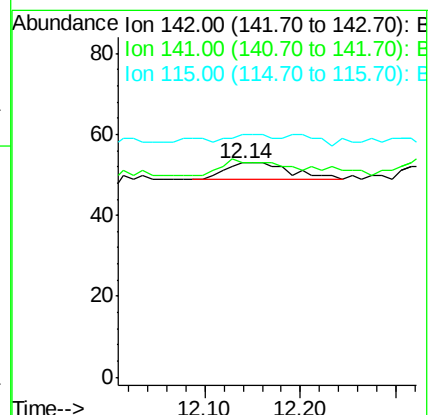
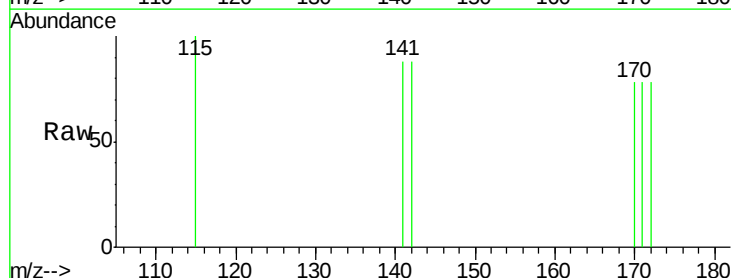
Tgt Ion:142 Resp: 19

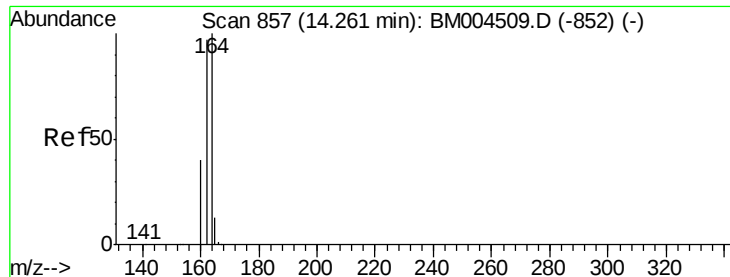
Ion Ratio Lower Upper

142 100

141 100.0 68.5 102.7

115 113.2 24.6 36.8#





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.26 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM004513.D

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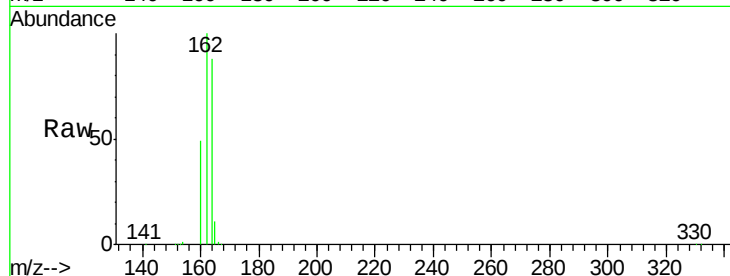
Tot Ion:164 Resp: 36913

Ion Ratio Lower Upper

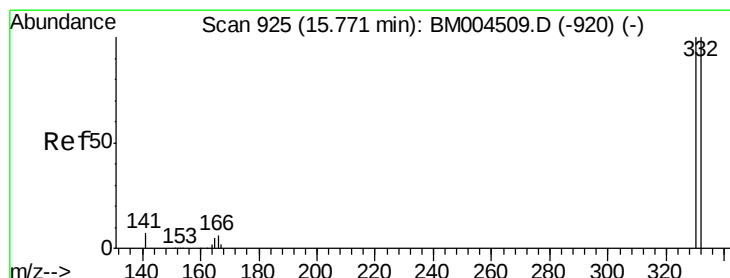
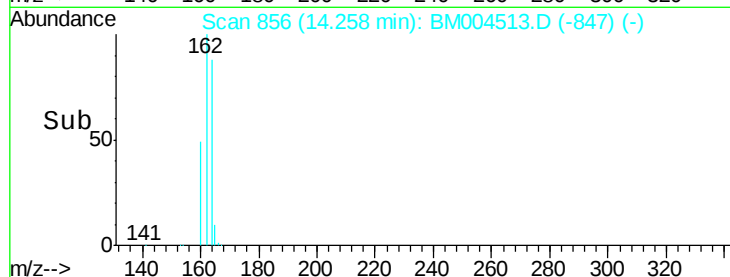
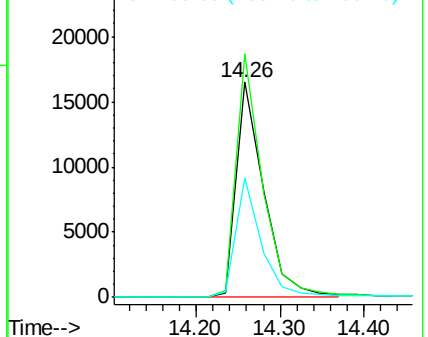
164 100

162 113.1 81.6 122.4

160 55.8 34.9 52.3#



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: 5.14 ng

RT: 15.79 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

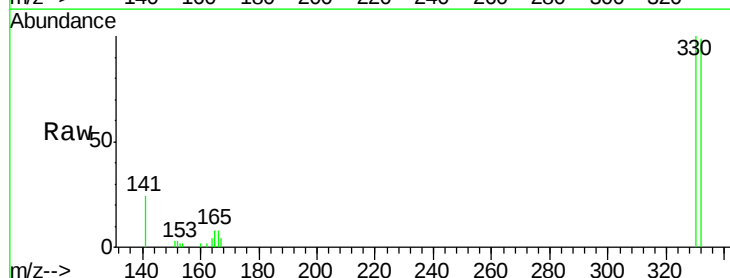
Tgt Ion:330 Resp: 6873

Ion Ratio Lower Upper

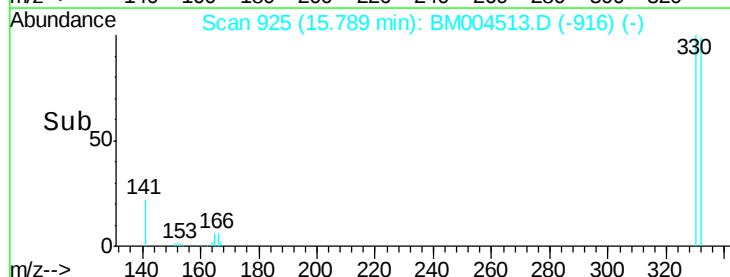
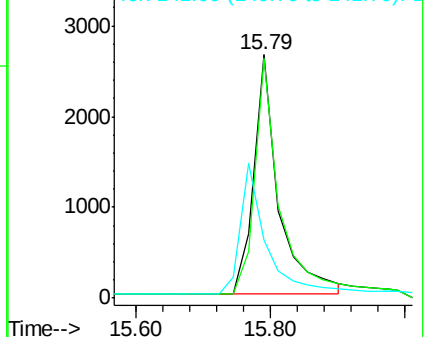
330 100

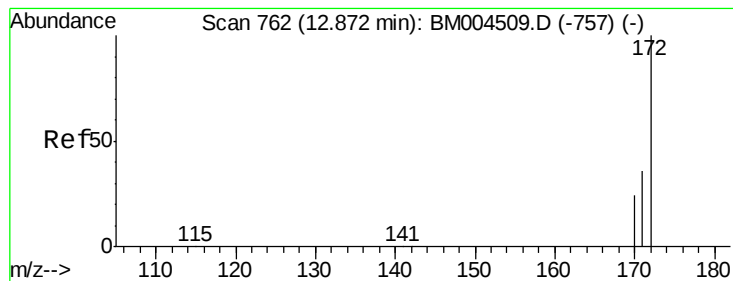
332 96.5 76.6 114.8

141 0.0 0.0 0.0



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

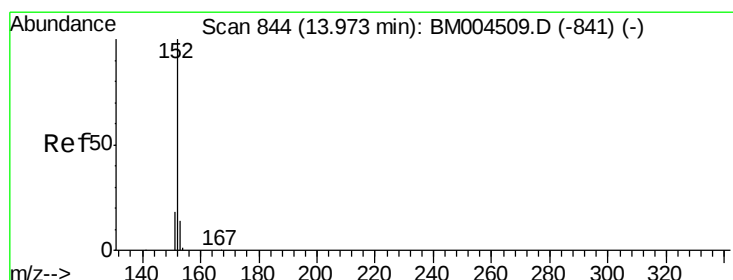
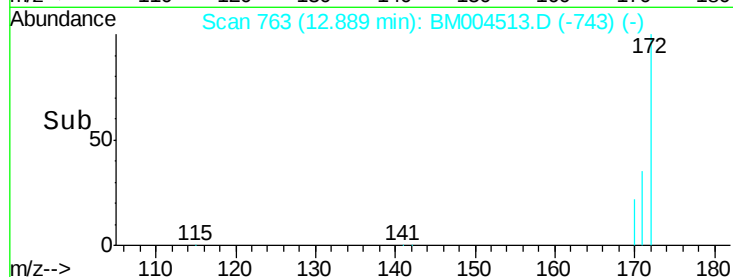
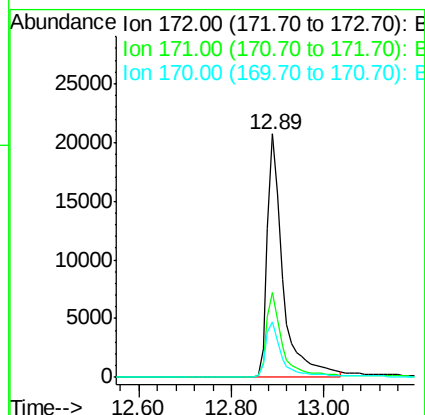
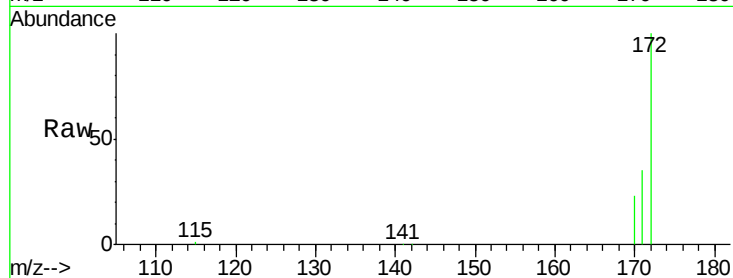




#15
2-Fluorobiphenyl
Concen: 4.20 ng
RT: 12.89 min Scan# 763
Delta R.T. 0.01 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

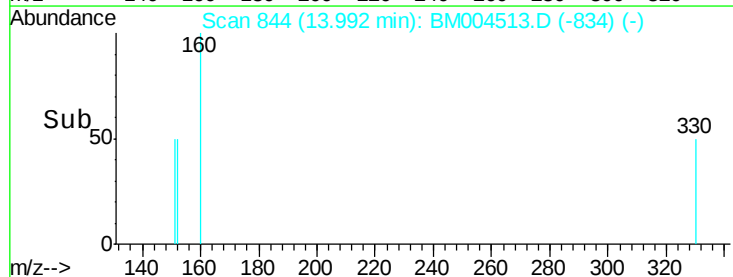
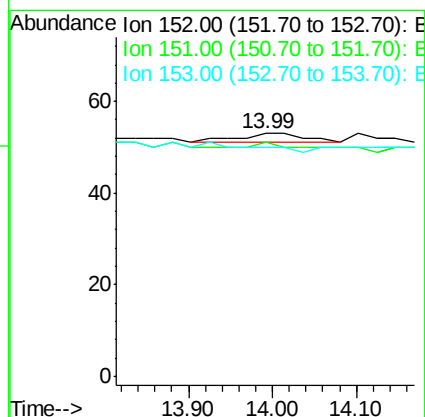
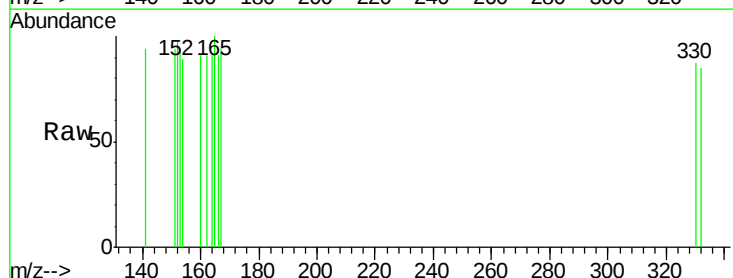
Instrument :
BNA_M
ClientSampled :
PB88423BL

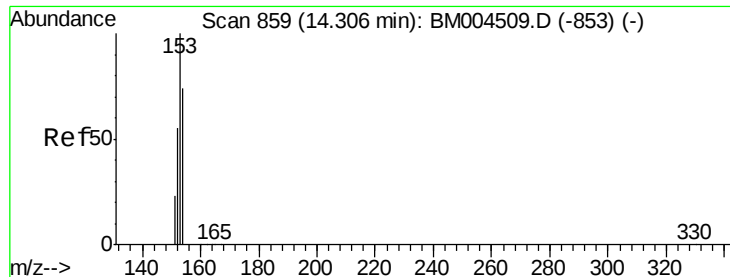
Tot Ion:172 Resp: 48284
Ion Ratio Lower Upper
172 100
171 34.7 29.5 44.3
170 22.6 20.2 30.2



#16
Acenaphthylene
Concen: 0.10 ng
RT: 13.99 min Scan# 844
Delta R.T. 0.02 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:152 Resp: 12
Ion Ratio Lower Upper
152 100
151 8.3 15.8 23.6#
153 0.0 10.2 15.4#





#17

Acenaphthene

Concen: Below Cal

RT: 14.26 min Scan# 856

Delta R.T. -0.07 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

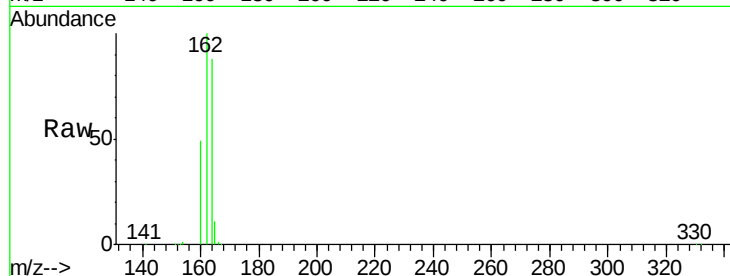
Tot Ion:154 Resp: 168

Ion Ratio Lower Upper

154 100

153 13.7 88.7 133.1#

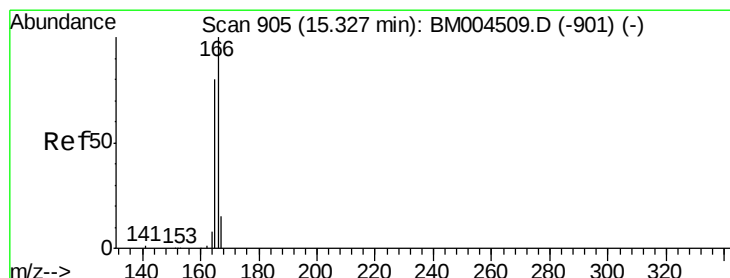
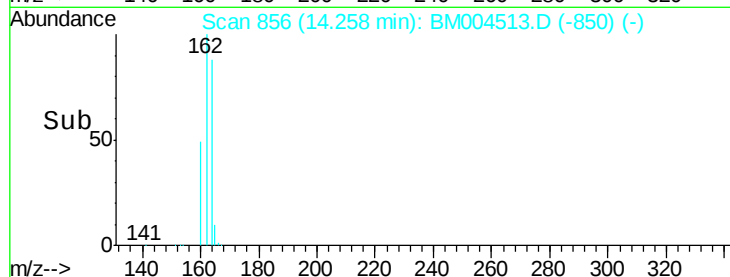
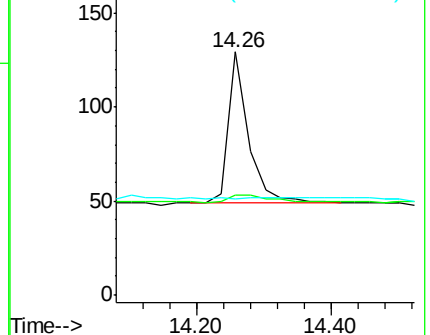
152 0.0 41.8 62.8#



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: Below Cal

RT: 15.37 min Scan# 906

Delta R.T. 0.04 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

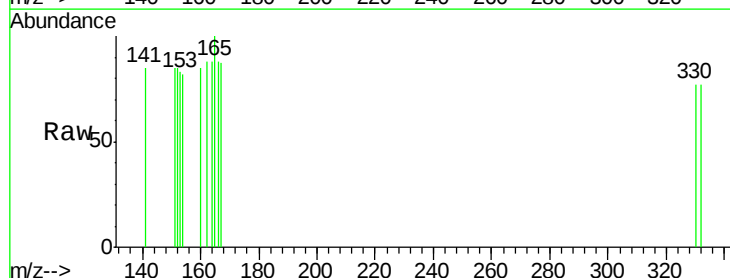
Tgt Ion:166 Resp: 11

Ion Ratio Lower Upper

166 100

165 172.7 77.8 116.6#

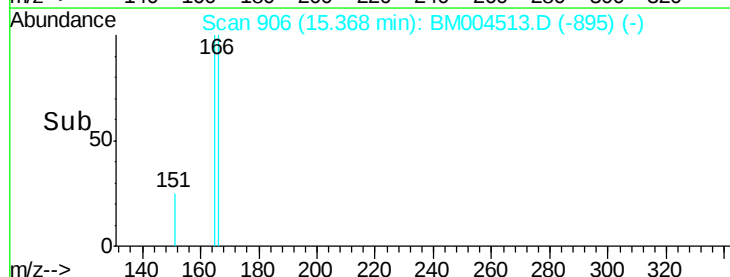
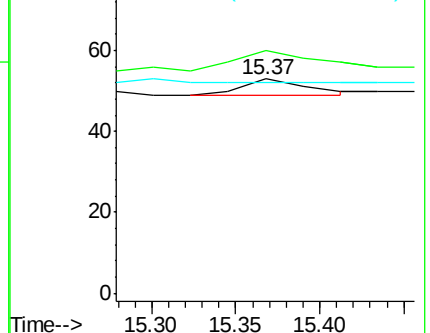
167 0.0 10.8 16.2#

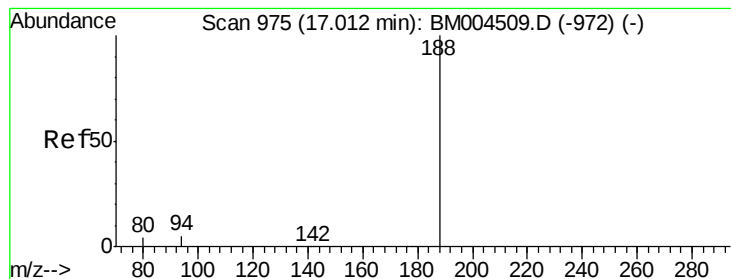


Abundance Ion 166.00 (165.70 to 166.70): E

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: 17.03 min Scan# 975

Delta R.T. 0.02 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

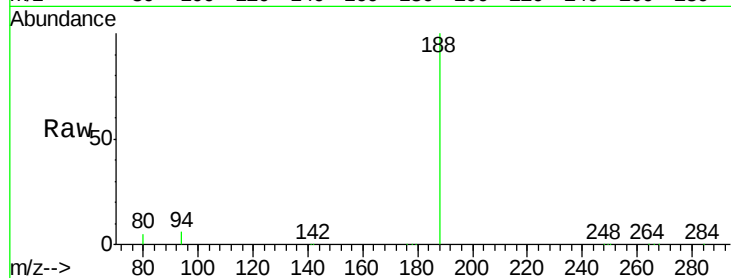
Tot Ion:188 Resp: 71559

Ion Ratio Lower Upper

188 100

94 5.5 6.3 9.5#

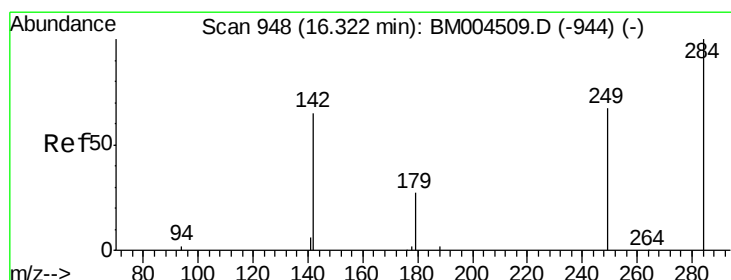
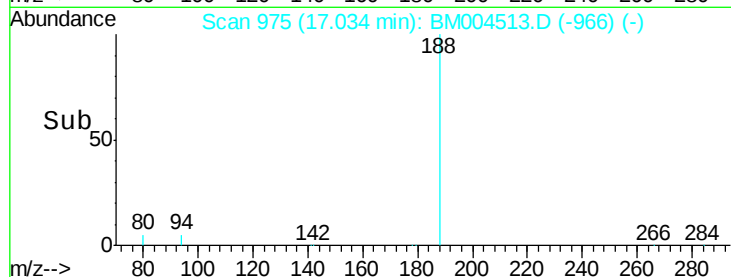
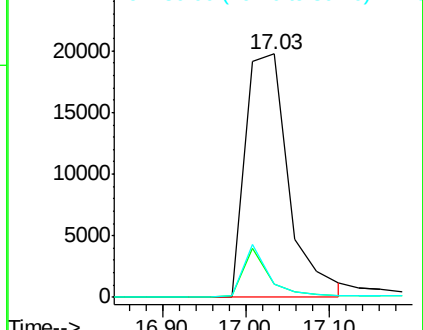
80 5.4 5.9 8.9#



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



#21

Hexachlorobenzene

Concen: Below Cal

RT: 16.37 min Scan# 949

Delta R.T. 0.02 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

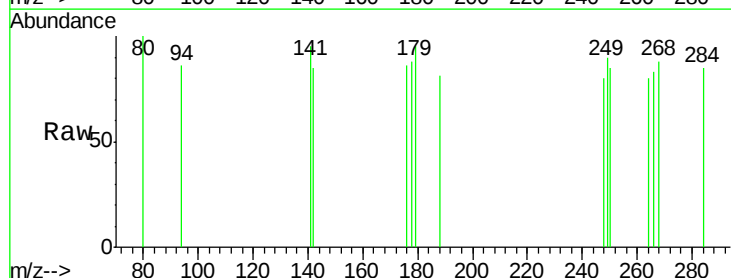
Tgt Ion:284 Resp: 11

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

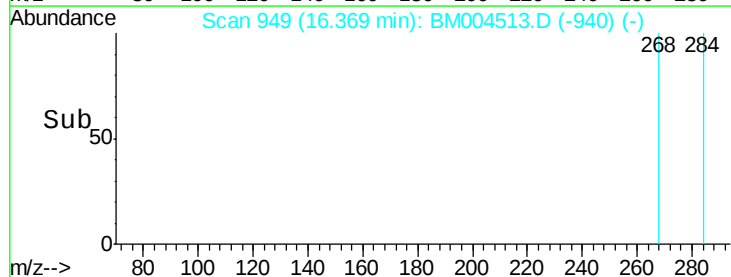
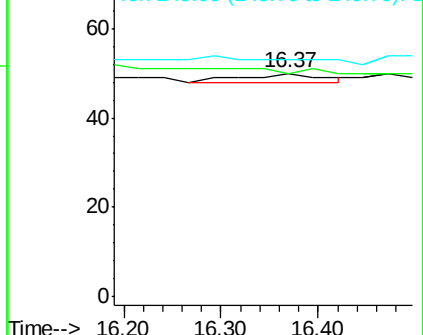
249 0.0 0.0 0.0

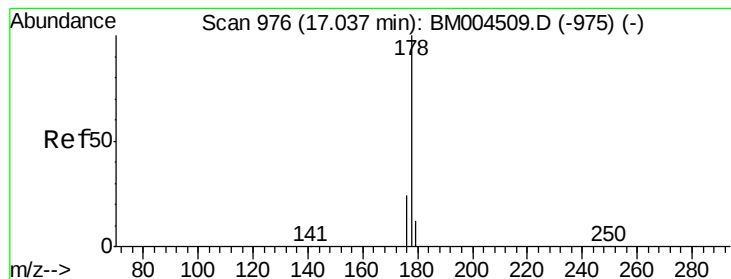


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#23

Phenanthrene

Concen: Below Cal

RT: 17.06 min Scan# 976

Delta R.T. -0.00 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

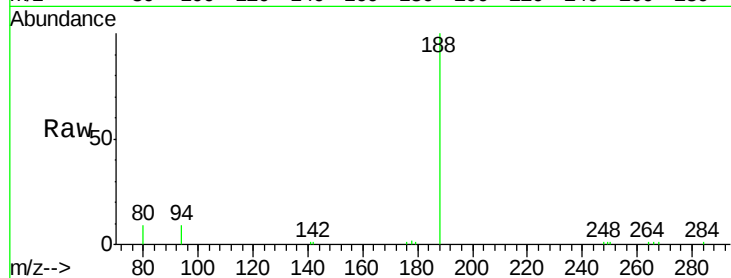
Tot Ion:178 Resp: 167

Ion Ratio Lower Upper

178 100

176 24.0 15.0 22.4#

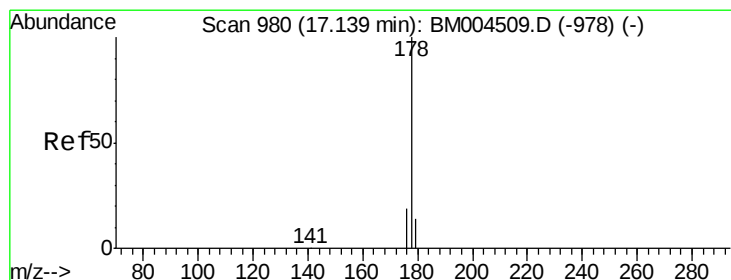
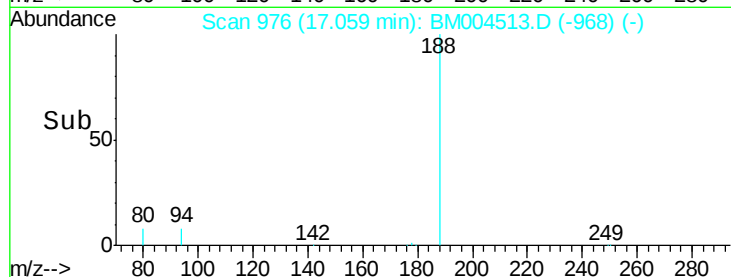
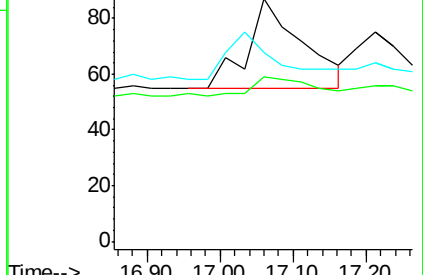
179 0.0 12.8 19.2#



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



#24

Anthracene

Concen: 0.18 ng

RT: 17.21 min Scan# 982

Delta R.T. 0.05 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

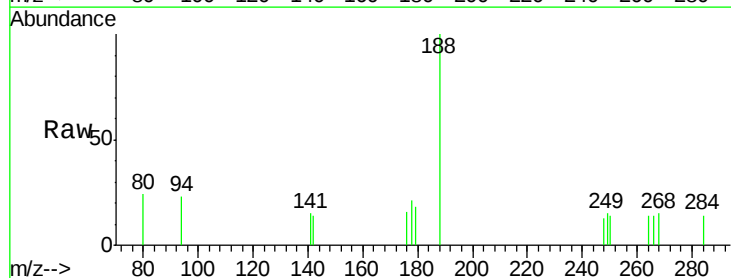
Tgt Ion:178 Resp: 51

Ion Ratio Lower Upper

178 100

176 15.7 14.7 22.1

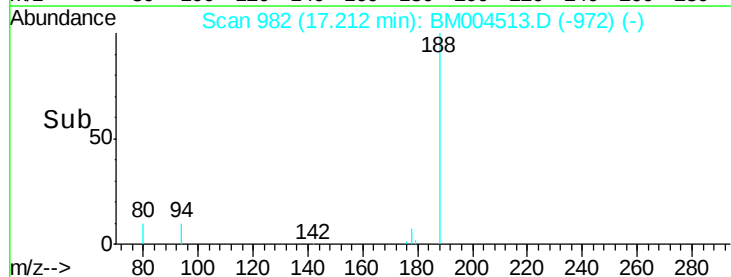
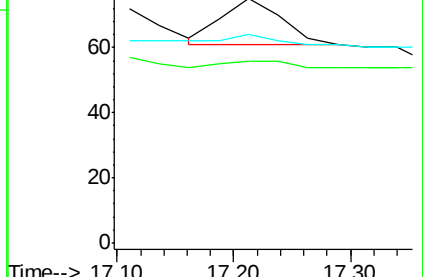
179 11.8 12.2 18.4#

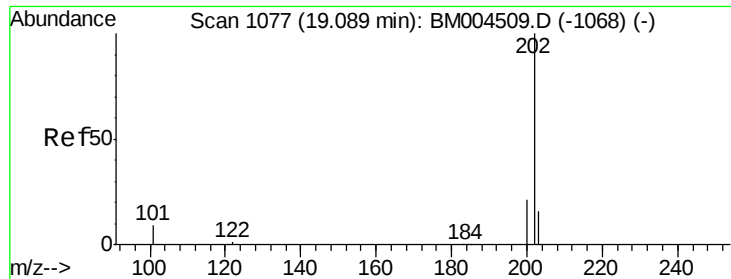


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

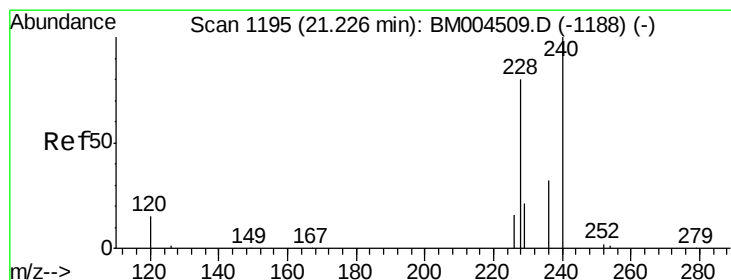
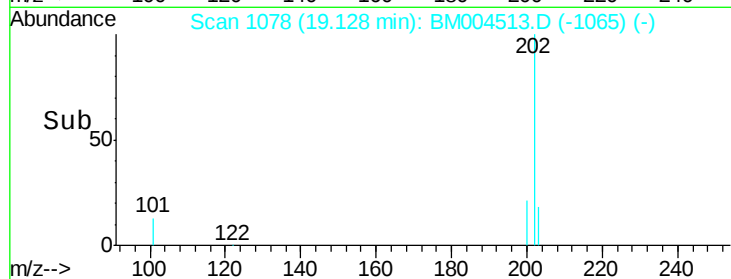
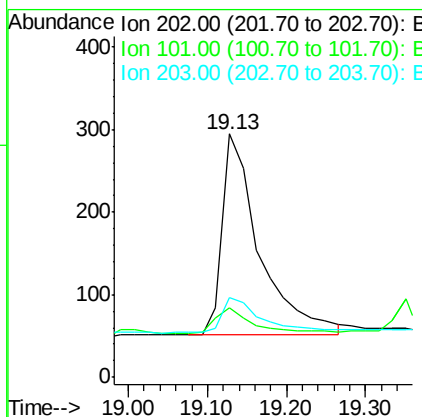
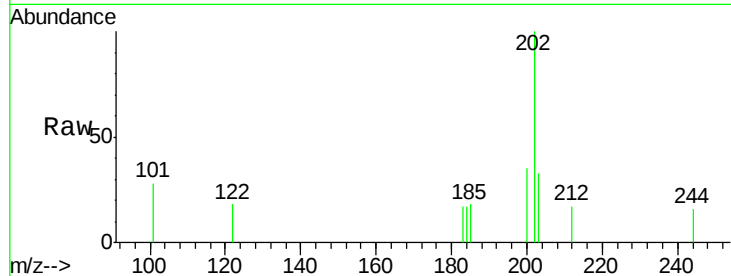




#25
 Fluoranthene
 Concen: Below Cal
 RT: 19.13 min Scan# 1078
 Delta R.T. 0.02 min
 Lab File: BM004513.D
 Acq: 02 Mar 2016 10:46

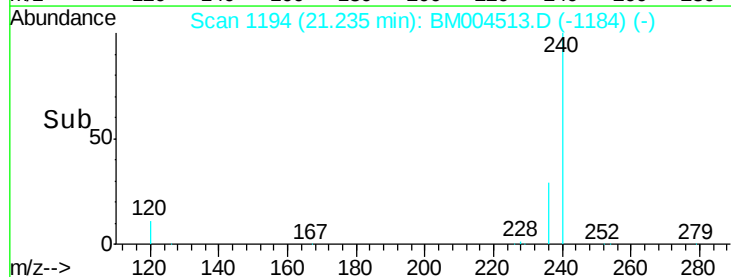
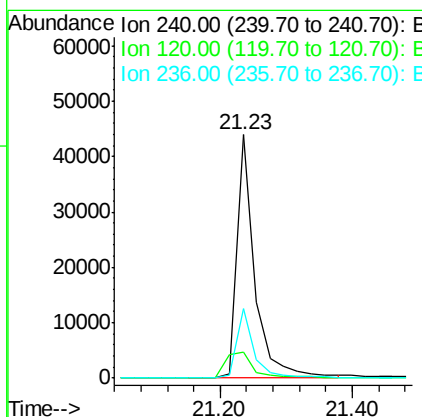
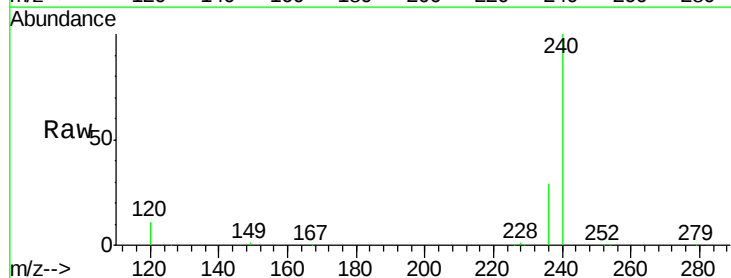
Instrument :
 BNA_M
 ClientSampleId :
 PB88423BL

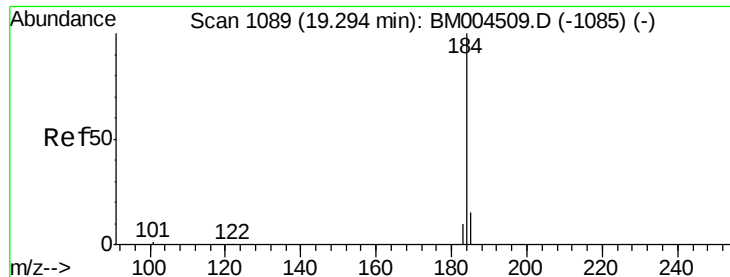
Tot Ion:202 Resp: 790
 Ion Ratio Lower Upper
 202 100
 101 13.2 9.8 14.8
 203 19.9 13.8 20.8



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.23 min Scan# 1194
 Delta R.T. 0.01 min
 Lab File: BM004513.D
 Acq: 02 Mar 2016 10:46

Tgt Ion:240 Resp: 82273
 Ion Ratio Lower Upper
 240 100
 120 10.7 18.9 28.3#
 236 28.8 26.4 39.6

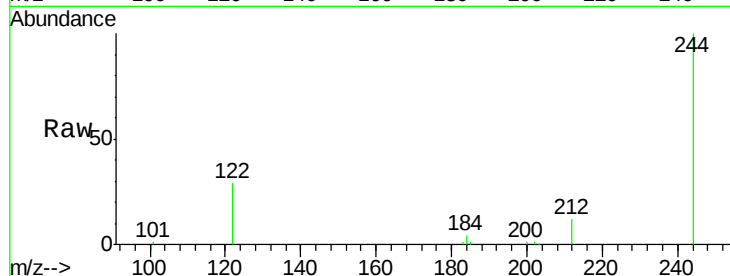




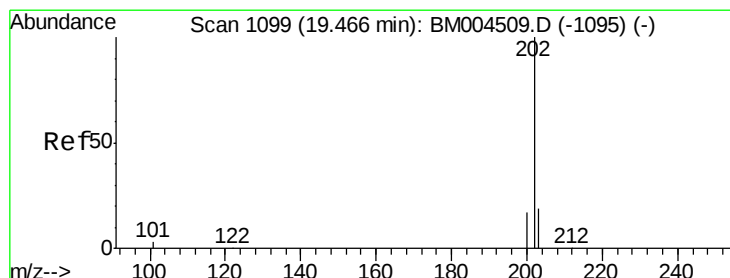
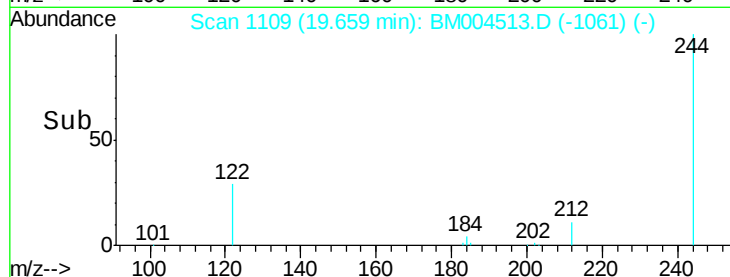
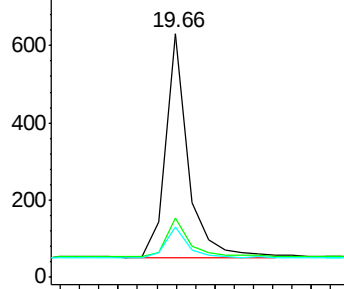
#27
Benzidine
Concen: 0.43 ng
RT: 19.66 min Scan# 1109
Delta R.T. 0.33 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Instrument :
BNA_M
ClientSampleId :
PB88423BL

Tot Ion:184 Resp: 927
Ion Ratio Lower Upper
184 100
185 24.2 15.0 22.4#
183 20.6 12.6 19.0#

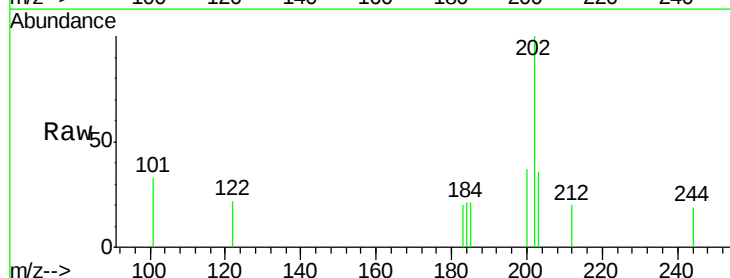


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

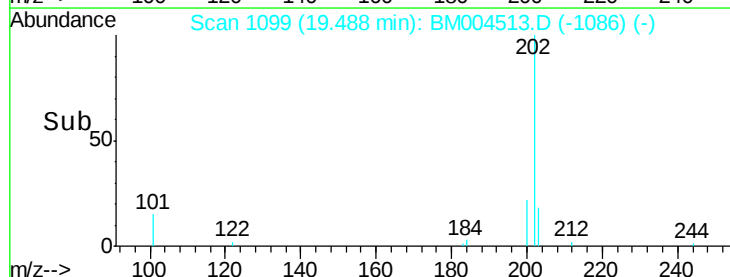
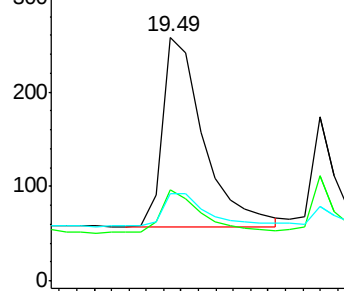


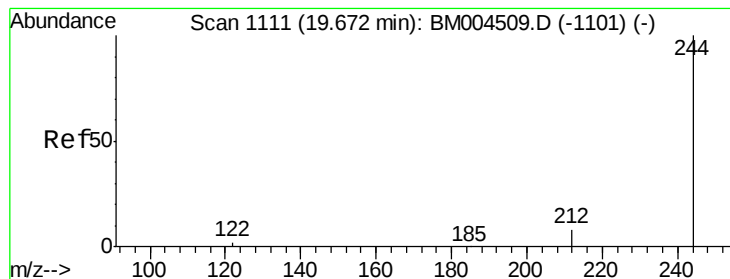
#28
Pyrene
Concen: Below Cal
RT: 19.49 min Scan# 1099
Delta R.T. 0.02 min
Lab File: BM004513.D
Acq: 02 Mar 2016 10:46

Tgt Ion:202 Resp: 663
Ion Ratio Lower Upper
202 100
200 22.5 16.6 25.0
203 19.8 13.7 20.5



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: 3.37 ng

RT: 19.68 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

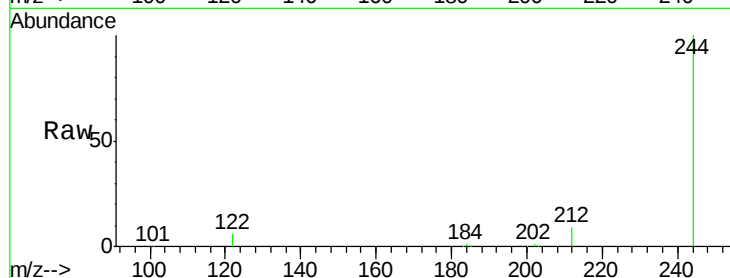
Tot Ion:244 Resp: 41593

Ion Ratio Lower Upper

244 100

212 8.6 7.8 11.6

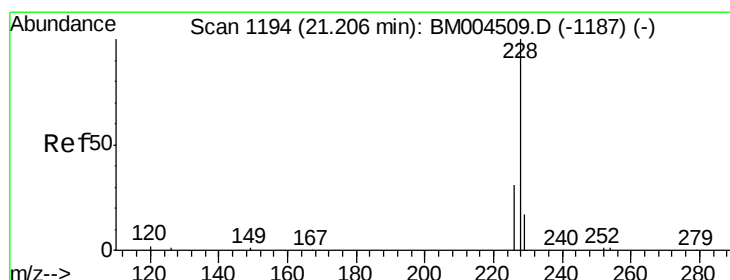
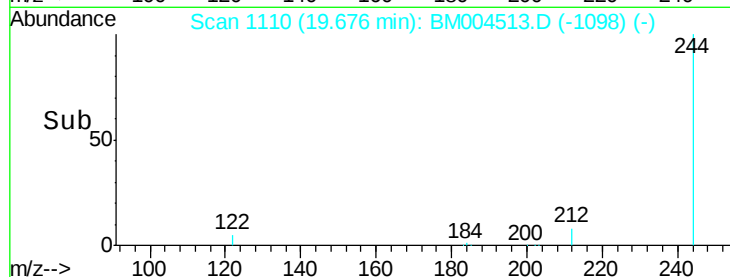
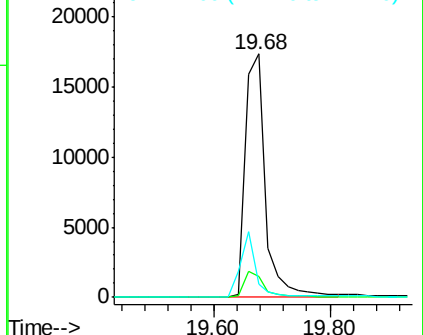
122 5.7 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.14 ng

RT: 21.28 min Scan# 1196

Delta R.T. 0.07 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

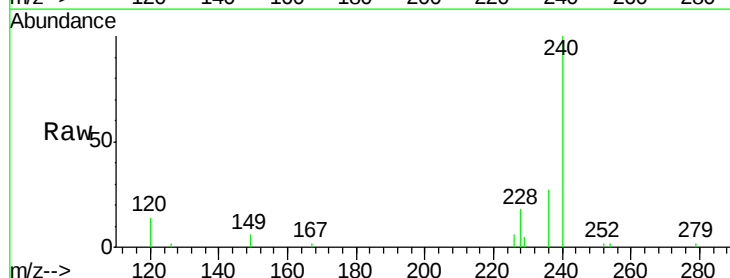
Tgt Ion:228 Resp: 2709

Ion Ratio Lower Upper

228 100

226 34.6 27.0 40.4

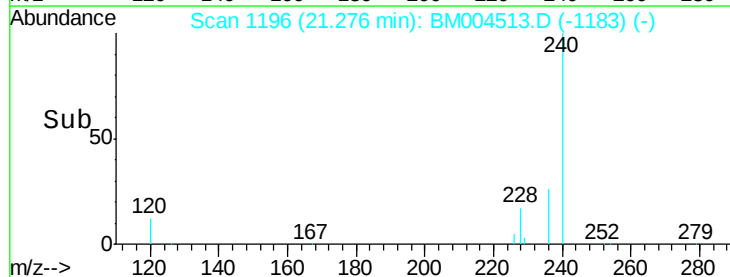
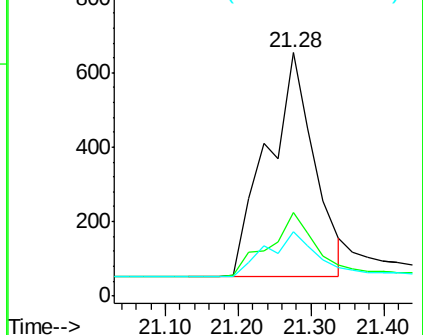
229 26.6 13.1 19.7#

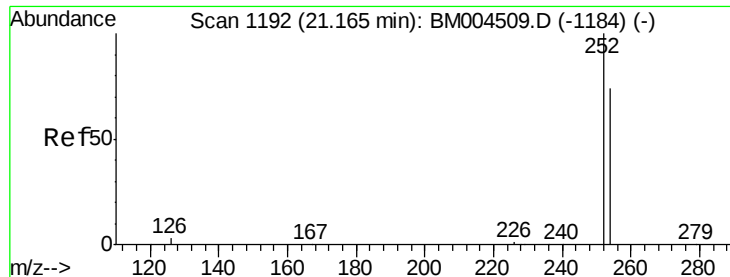


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

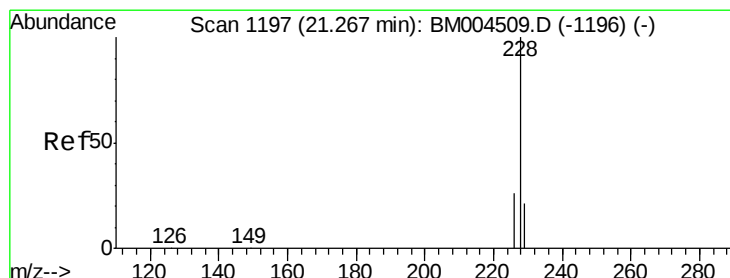
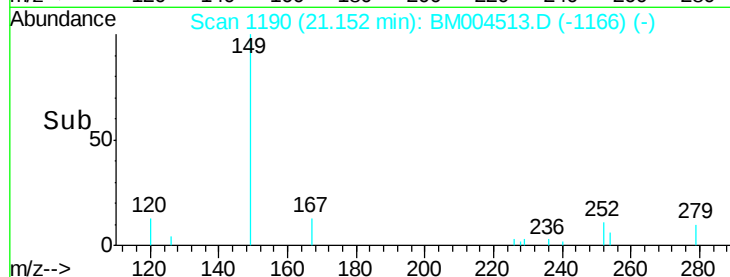
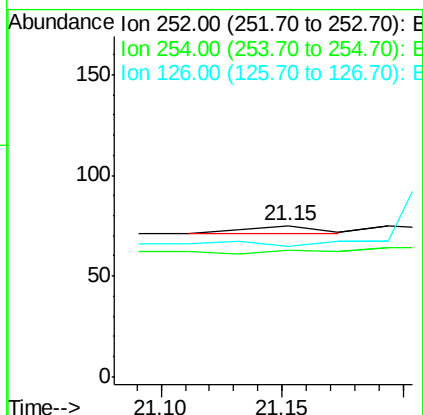
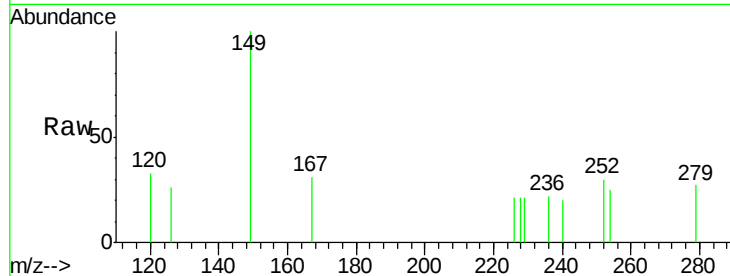




#31
 3,3'-Dichlorobenzidine
 Concen: 0.00 ng
 RT: 21.15 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BM004513.D
 Acq: 02 Mar 2016 10:46

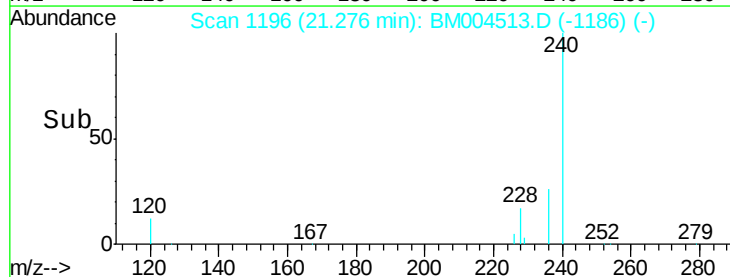
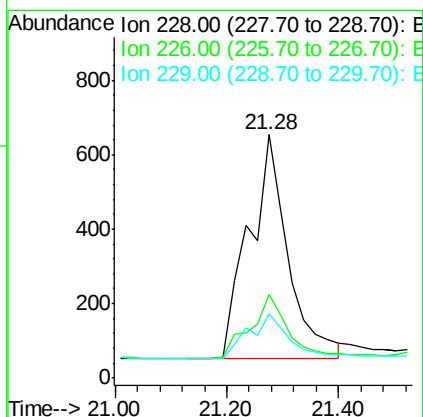
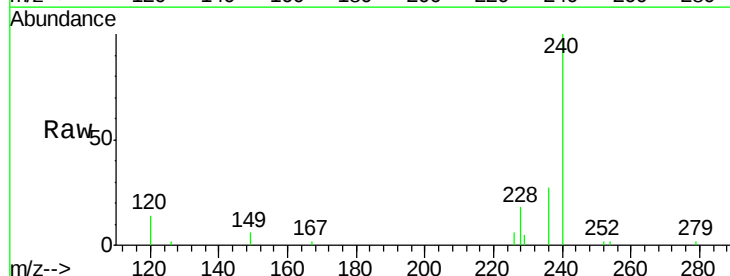
Instrument :
 BNA_M
 ClientSampleID :
 PB88423BL

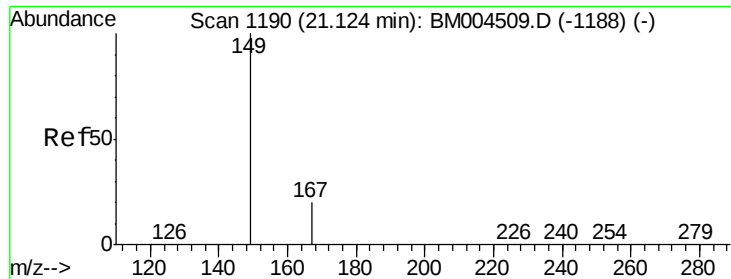
Tot Ion:252 Resp: 9
 Ion Ratio Lower Upper
 252 100
 254 84.0 47.4 71.0#
 126 86.7 11.0 16.6#



#32
 Chrysene
 Concen: Below Cal
 RT: 21.28 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BM004513.D
 Acq: 02 Mar 2016 10:46

Tgt Ion:228 Resp: 2905
 Ion Ratio Lower Upper
 228 100
 226 34.6 24.6 37.0
 229 26.6 15.2 22.8#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.13 ng

RT: 21.13 min Scan# 1189

Delta R.T. 0.01 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

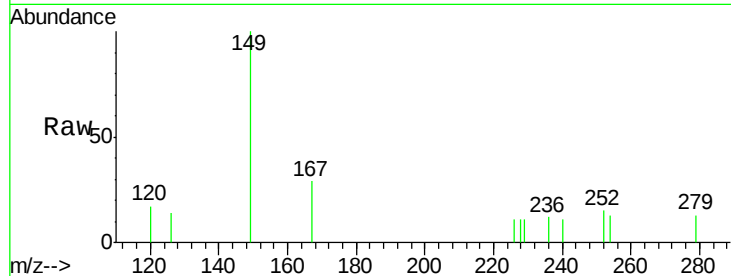
Tot Ion:149 Resp: 396

Ion Ratio Lower Upper

149 100

167 33.8 20.2 30.4#

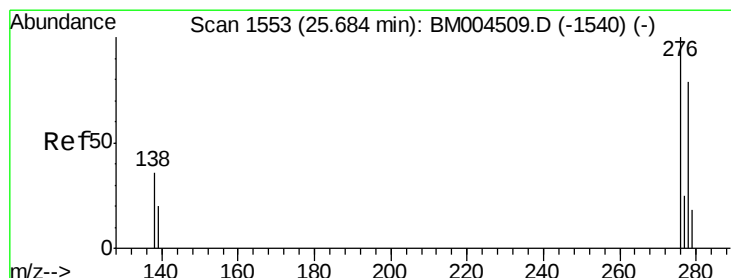
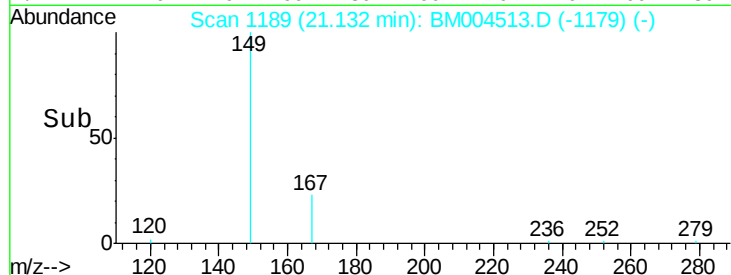
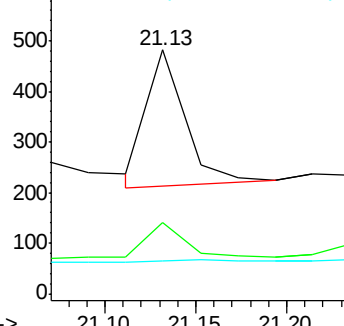
279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 25.81 min Scan# 1563

Delta R.T. 0.10 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

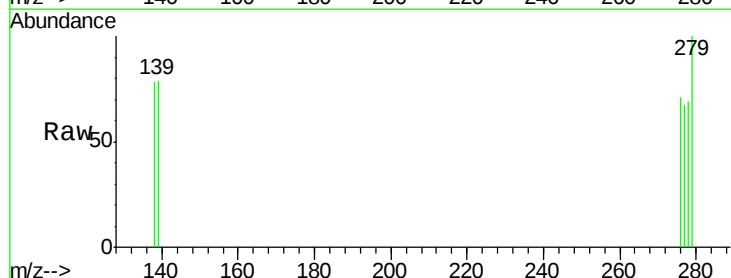
Tgt Ion:276 Resp: 65

Ion Ratio Lower Upper

276 100

138 41.5 31.0 46.4

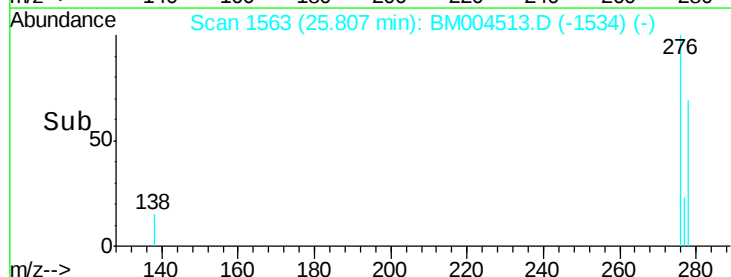
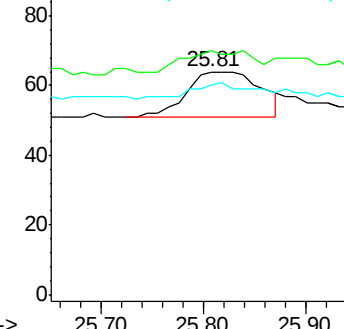
277 32.3 19.9 29.9#

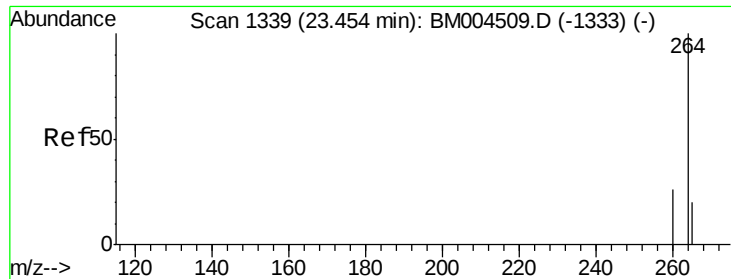


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

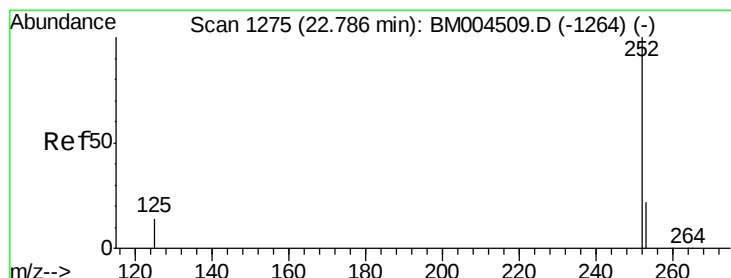
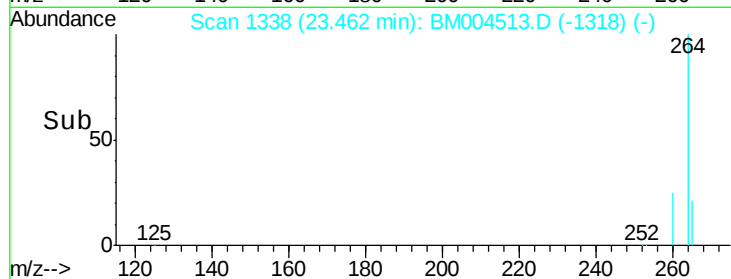
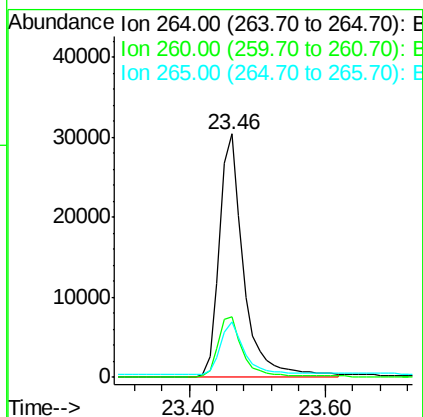
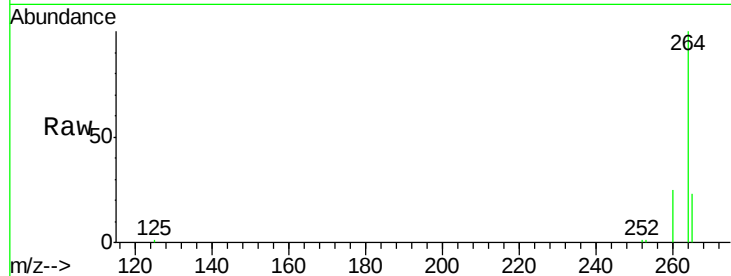




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BM004513.D
 Acq: 02 Mar 2016 10:46

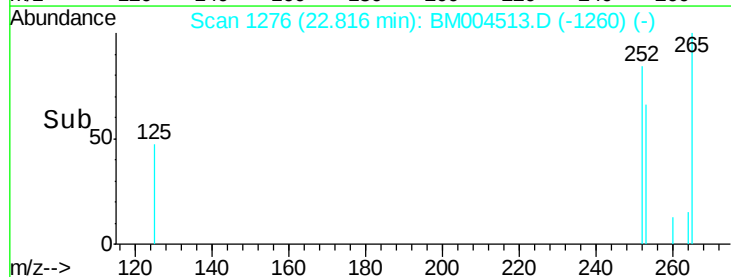
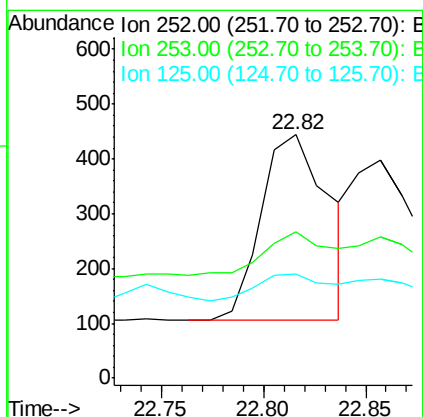
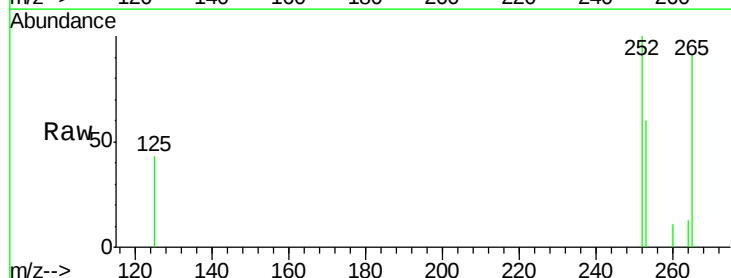
Instrument :
 BNA_M
 ClientSampleId :
 PB88423BL

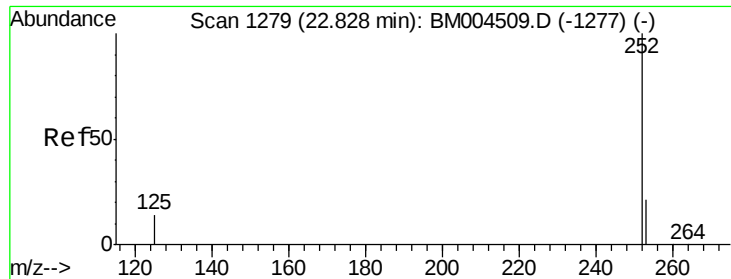
Tot Ion:264 Resp: 74513
 Ion Ratio Lower Upper
 264 100
 260 24.8 21.2 31.8
 265 22.8 17.4 26.0



#36
 Benzo(b)fluoranthene
 Concen: Below Cal
 RT: 22.82 min Scan# 1276
 Delta R.T. 0.02 min
 Lab File: BM004513.D
 Acq: 02 Mar 2016 10:46

Tgt Ion:252 Resp: 781
 Ion Ratio Lower Upper
 252 100
 253 60.1 19.0 28.4#
 125 42.8 11.7 17.5#





#37

Benzo(k)fluoranthene

Concen: Below Cal

RT: 22.82 min Scan# 1276

Delta R.T. -0.02 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampled :

PB88423BL

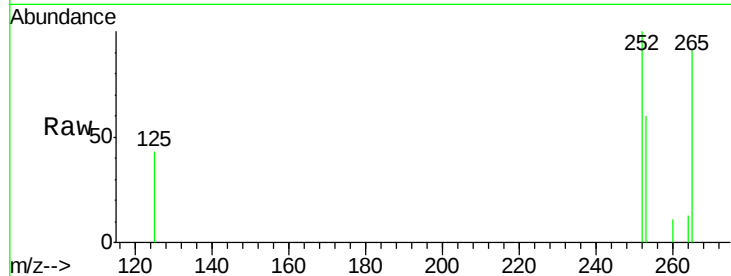
Tot Ion:252 Resp: 781

Ion Ratio Lower Upper

252 100

253 60.1 18.9 28.3#

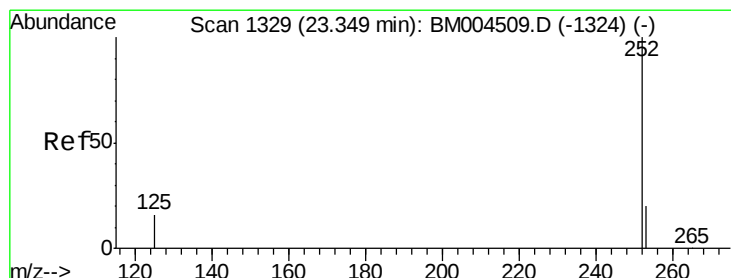
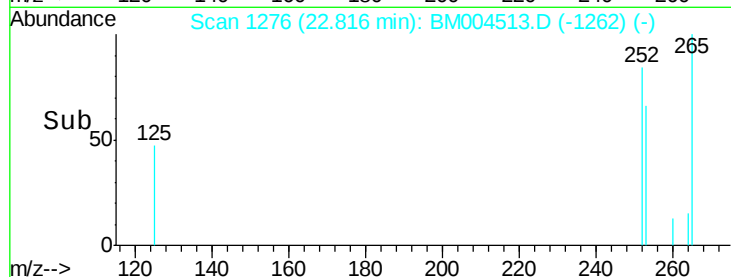
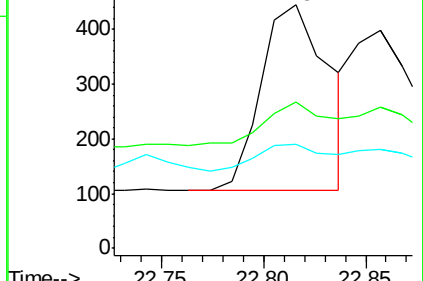
125 42.8 11.9 17.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38

Benzo(a)pyrene

Concen: 0.01 ng

RT: 23.37 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

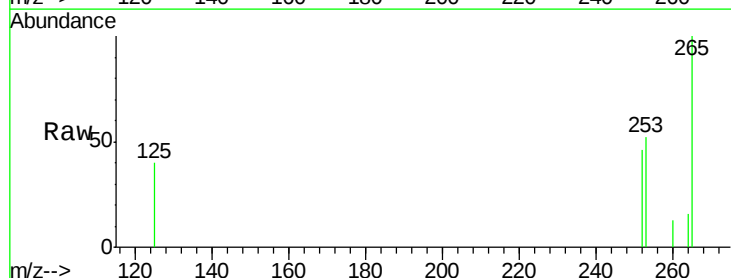
Tgt Ion:252 Resp: 191

Ion Ratio Lower Upper

252 100

253 112.5 19.0 28.6#

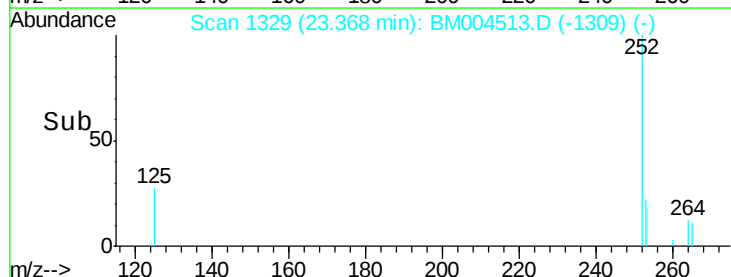
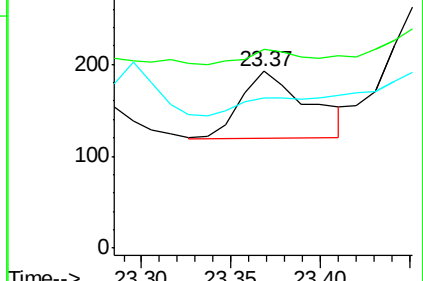
125 85.4 13.7 20.5#

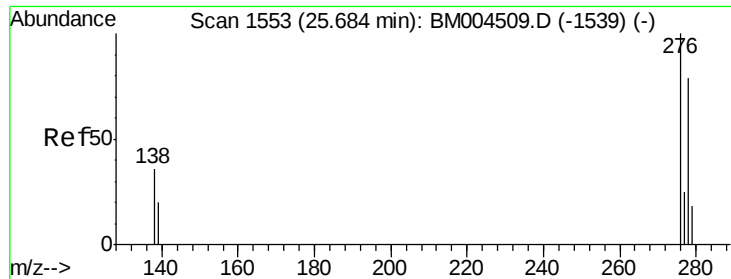


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#39

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 25.81 min Scan# 1563

Delta R.T. 0.10 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

Instrument :

BNA_M

ClientSampleId :

PB88423BL

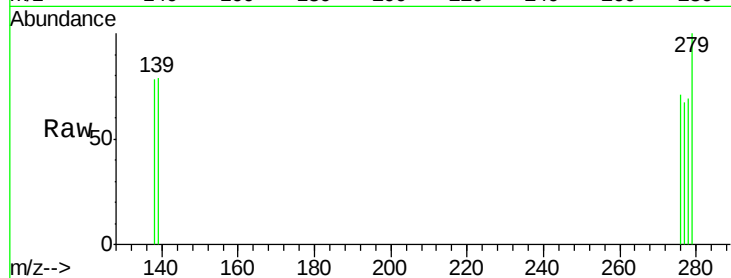
Tot Ion:278 Resp: 43

Ion Ratio Lower Upper

278 100

139 114.5 22.6 33.8#

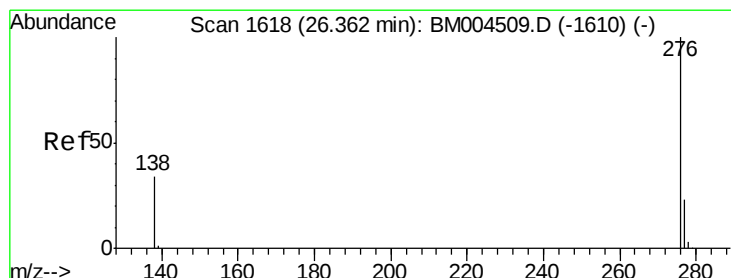
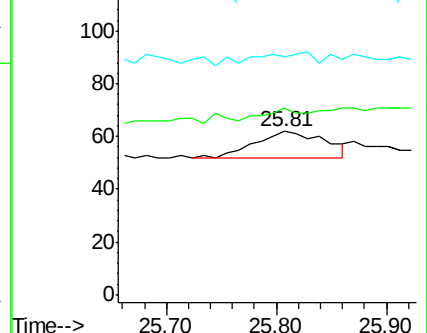
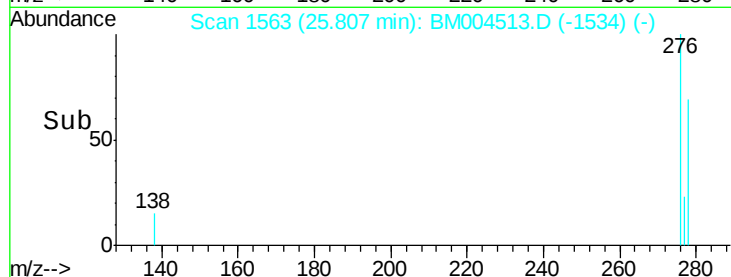
279 145.2 20.1 30.1#



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: 0.00 ng

RT: 26.48 min Scan# 1628

Delta R.T. 0.09 min

Lab File: BM004513.D

Acq: 02 Mar 2016 10:46

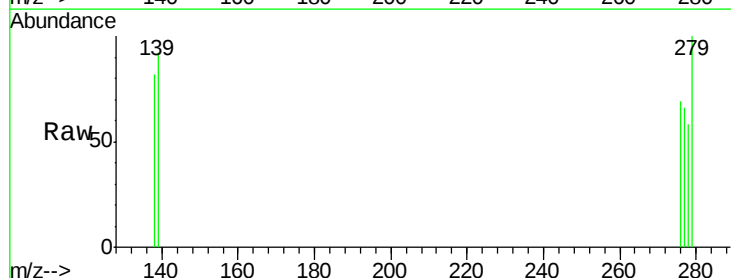
Tgt Ion:276 Resp: 51

Ion Ratio Lower Upper

276 100

277 95.2 19.8 29.8#

138 119.0 26.6 40.0#



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

