

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
 Data File : BM004569.D
 Acq On : 05 Mar 2016 22:55
 Operator : SJ/UM
 Sample : PB88683BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB88683BSD

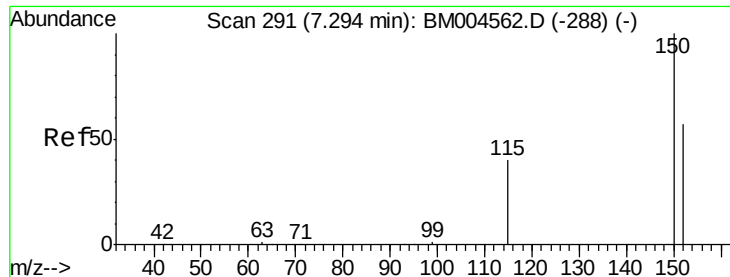
Quant Time: Mar 07 07:57:12 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM030516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 07 07:54:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	23635	5.00	ng	0.00
7) Naphthalene-d8	10.06	136	88937	5.00	ng	0.00
13) Acenaphthene-d10	13.96	164	46942	5.00	ng	-0.02
19) Phenanthrene-d10	16.74	188	97116	5.00	ng	0.00
25) Chrysene-d12	20.97	240	104880	5.00	ng	-0.01
34) Perylene-d12	23.09	264	97507	5.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	4.99	112	40016	7.15	ng	-0.02
5) Phenol-d6	6.61	99	50941	7.58	ng	-0.02
8) Nitrobenzene-d5	8.46	82	21308	4.48	ng	-0.01
14) 2,4,6-Tribromophenol	15.49	330	13141	7.45	ng	-0.02
15) 2-Fluorobiphenyl	12.58	172	70608	4.68	ng	0.00
28) Terphenyl-d14	19.40	244	64795	4.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.87	88	8871	3.94	ng	# 100
3) n-Nitrosodimethylamine	3.18	42	7593	4.17	ng	# 100
6) bis(2-Chloroethyl)ether	6.75	93	22449	3.95	ng	# 14
9) Nitrobenzene	8.50	77	22054	4.17	ng	# 100
10) Naphthalene	10.10	128	89488	4.39	ng	99
11) Hexachlorobutadiene	10.39	225	15064	3.92	ng	# 100
12) 2-Methylnaphthalene	11.74	142	62181	4.38	ng	92
16) Acenaphthylene	13.67	152	97961	4.17	ng	# 41
17) Acenaphthene	14.02	154	62897	4.59	ng	# 59
18) Fluorene	15.05	166	71884	3.93	ng	# 77
20) Hexachlorobenzene	16.05	284	25085	6.71	ng	# 100
21) Pentachlorophenol	16.46	266	5622	8.64	ng	88
22) Phenanthrene	16.76	178	132486	6.59	ng	# 100
23) Anthracene	16.87	178	130498	5.22	ng	# 100
24) Fluoranthene	18.82	202	152196	5.66	ng	96
26) Benzidine	19.40	184	1848	0.60	ng	98
27) Pyrene	19.18	202	157558	4.18	ng	# 84
29) Benzo(a)anthracene	21.01	228	127797	3.91	ng	97
30) 3,3'-Dichlorobenzidine	20.91	252	42793	3.33	ng	92
31) Chrysene	21.01	228	133241	4.01	ng	96
32) Bis(2-ethylhexyl)phthalate	20.89	149	104643	4.34	ng	# 56
33) Indeno(1,2,3-cd)pyrene	25.14	276	134007	4.06	ng	# 82
35) Benzo(a)pyrene	22.99	252	129685	4.34	ng	97
36) Dibenzo(a,h)anthracene	25.15	278	105795	4.24	ng	97
37) Benzo(g,h,i)perylene	25.78	276	115012	4.18	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.29 min Scan# 291

Delta R.T. 0.00 min

Lab File: BM004569.D

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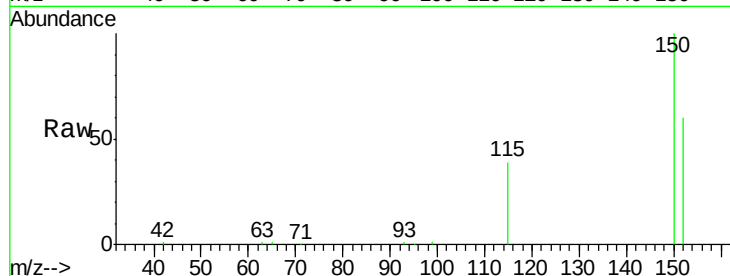
Tgt Ion:152 Resp: 23635

Ion Ratio Lower Upper

152 100

150 166.4 140.1 210.1

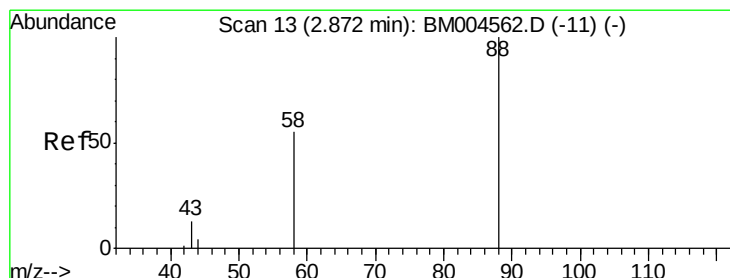
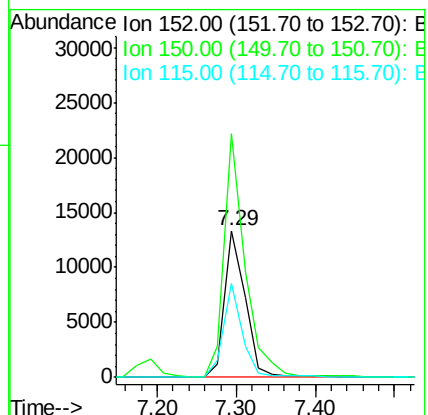
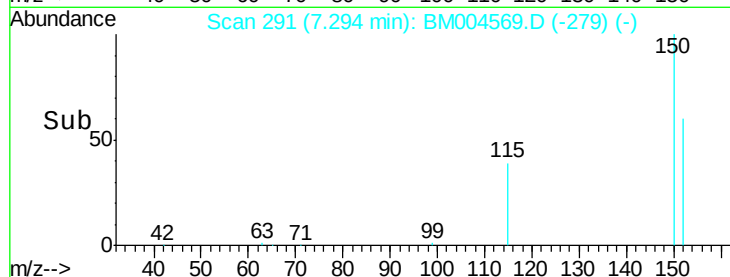
115 64.5 56.1 84.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.94 ng

RT: 2.87 min Scan# 13

Delta R.T. 0.00 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

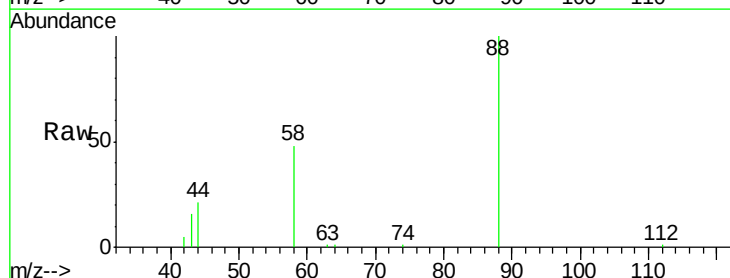
Tgt Ion: 88 Resp: 8871

Ion Ratio Lower Upper

88 100

58 61.0 0.0 0.0#

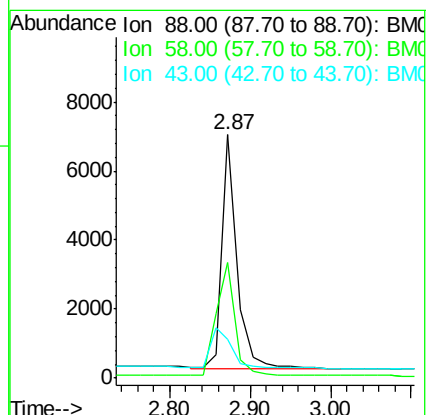
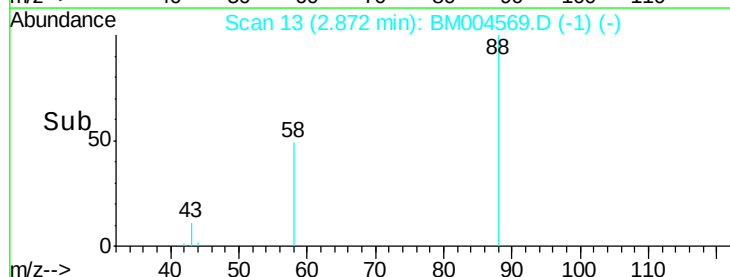
43 24.4 0.0 0.0#

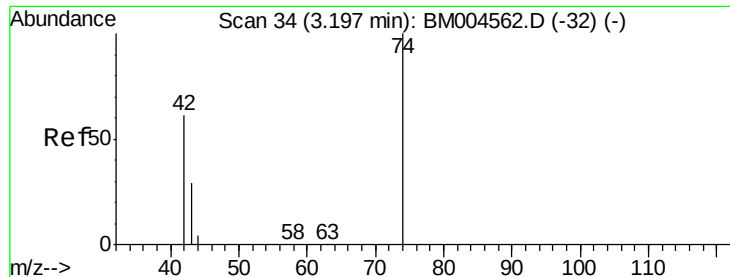


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 4.17 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.02 min

Lab File: BM004569.D

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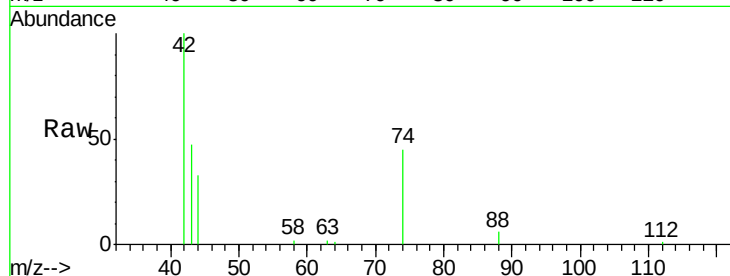
Tgt Ion: 42 Resp: 7593

Ion Ratio Lower Upper

42 100

74 151.7 0.0 0.0#

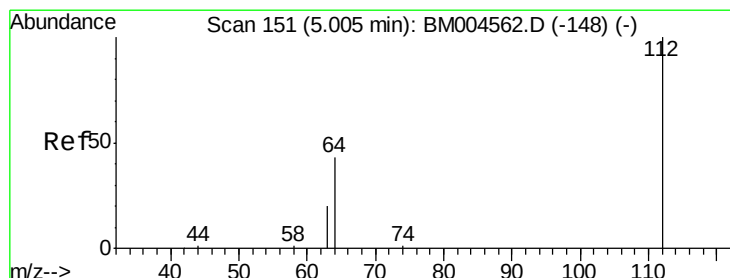
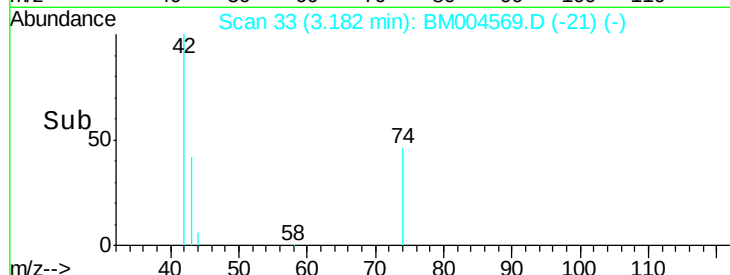
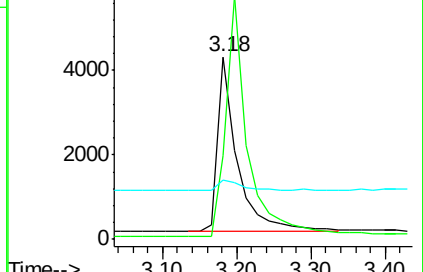
44 6.8 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BM004562.D (-32) (-)

Ion 74.00 (73.70 to 74.70): BM004562.D (-32) (-)

Ion 44.00 (43.70 to 44.70): BM004562.D (-32) (-)



#4

2-Fluorophenol

Concen: 7.15 ng

RT: 4.99 min Scan# 150

Delta R.T. -0.02 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

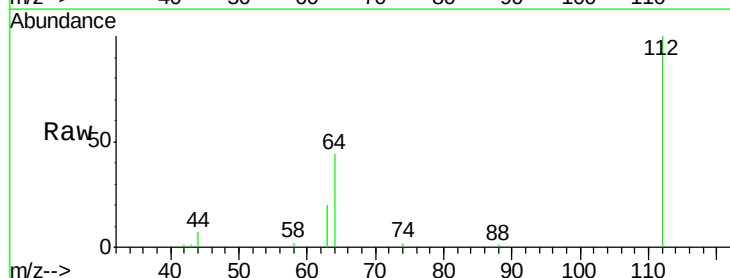
Tgt Ion: 112 Resp: 40016

Ion Ratio Lower Upper

112 100

64 47.7 0.0 0.0#

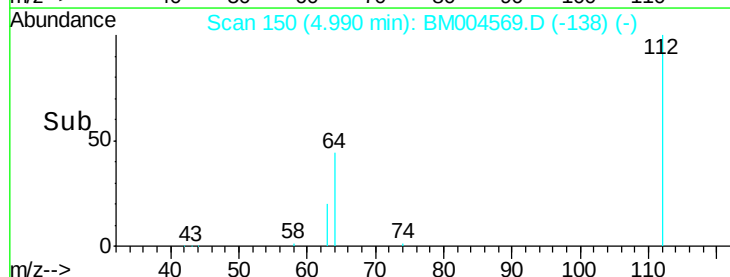
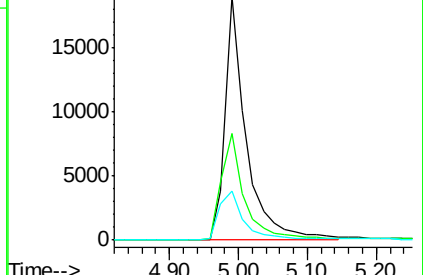
63 23.3 0.0 0.0#

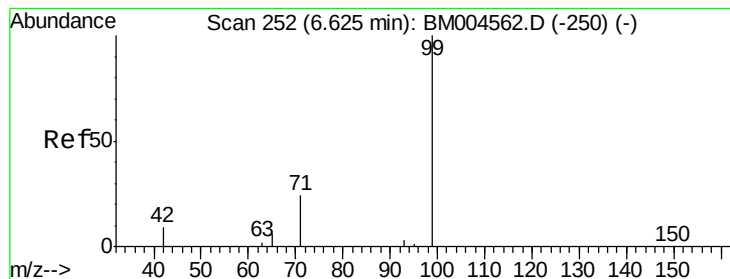


Abundance Ion 112.00 (111.70 to 112.70): BM004562.D (-148) (-)

Ion 64.00 (63.70 to 64.70): BM004562.D (-148) (-)

Ion 63.00 (62.70 to 63.70): BM004562.D (-148) (-)





#5

Phenol-d6

Concen: 7.58 ng

RT: 6.61 min Scan# 251

Delta R.T. -0.02 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD

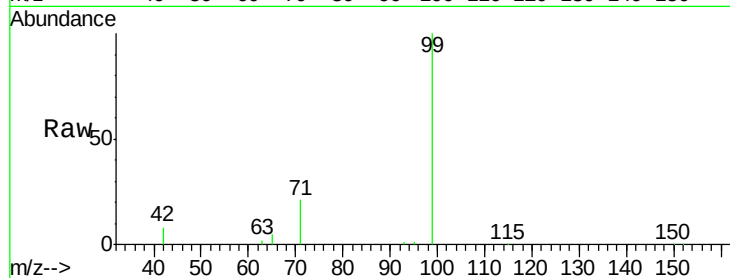
Tgt Ion: 99 Resp: 50941

Ion Ratio Lower Upper

99 100

42 14.7 0.0 0.0#

71 27.3 0.2 0.2#

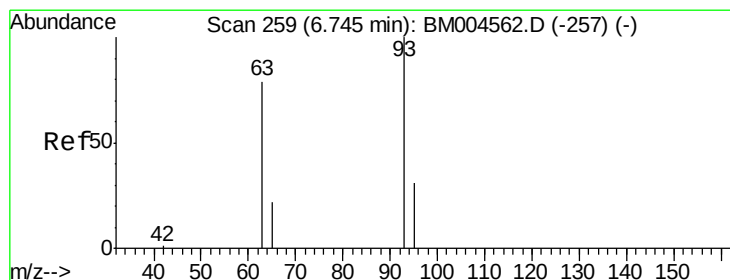
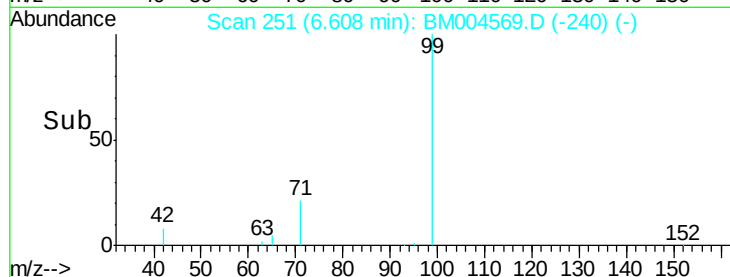


Abundance Ion 99.00 (98.70 to 99.70): BM004569.D (-240) (-)

Ion 42.00 (41.70 to 42.70): BM004569.D (-240) (-)

Ion 71.00 (70.70 to 71.70): BM004569.D (-240) (-)

Time-->



#6

bis(2-Chloroethyl)ether

Concen: 3.95 ng

RT: 6.75 min Scan# 259

Delta R.T. 0.00 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

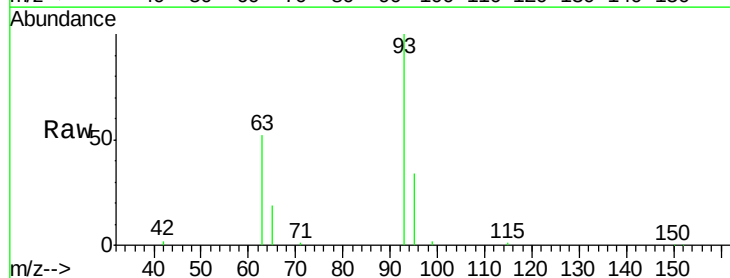
Tgt Ion: 93 Resp: 22449

Ion Ratio Lower Upper

93 100

63 65.3 18.7 28.1#

95 31.7 0.0 0.0#

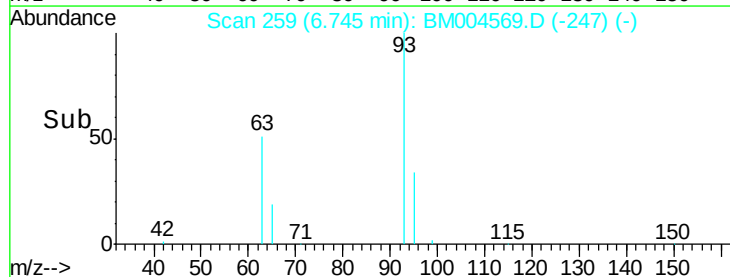


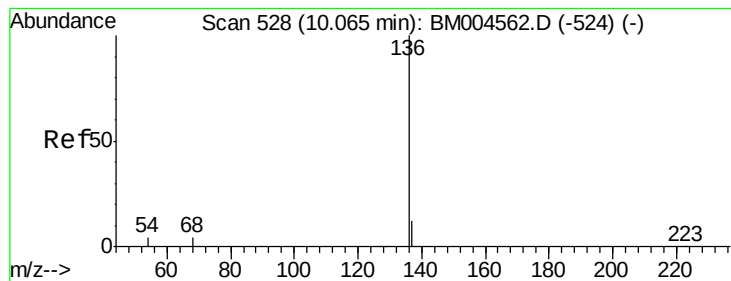
Abundance Ion 93.00 (92.70 to 93.70): BM004569.D (-247) (-)

Ion 63.00 (62.70 to 63.70): BM004569.D (-247) (-)

Ion 95.00 (94.70 to 95.70): BM004569.D (-247) (-)

Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.06 min Scan# 527

Delta R.T. -0.00 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD

Tgt Ion:136 Resp: 88937

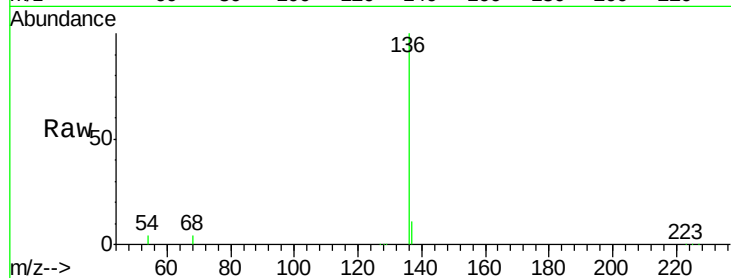
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 3.7 3.0 4.4

68 3.6 2.9 4.3

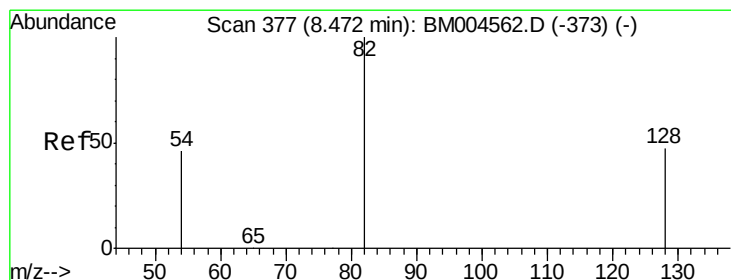
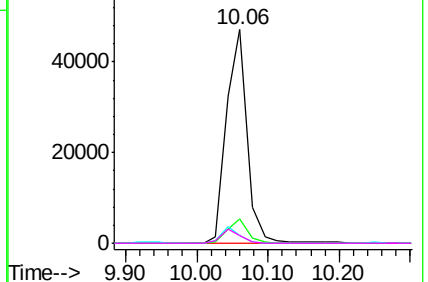
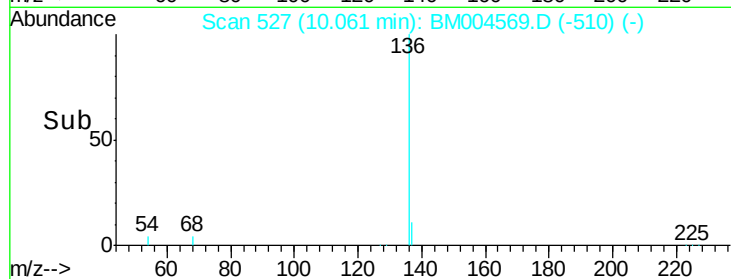


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.48 ng

RT: 8.46 min Scan# 375

Delta R.T. -0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

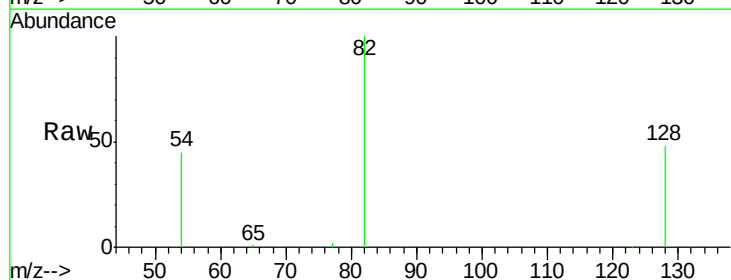
Tgt Ion: 82 Resp: 21308

Ion Ratio Lower Upper

82 100

128 48.0 38.6 58.0

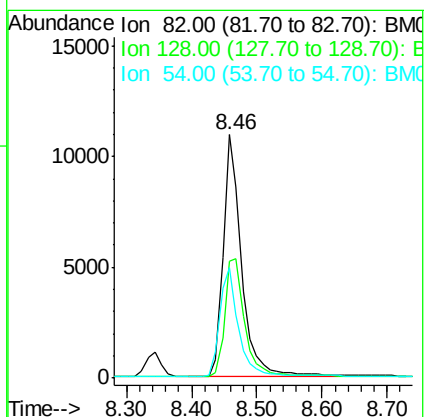
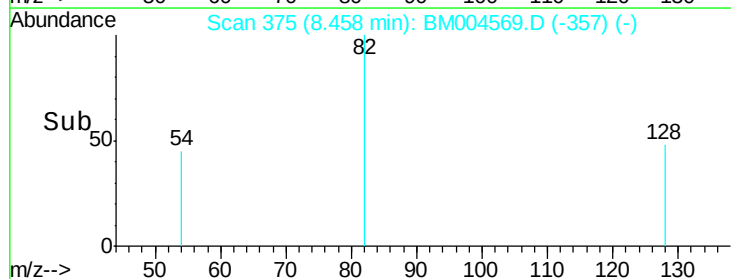
54 45.3 38.5 57.7

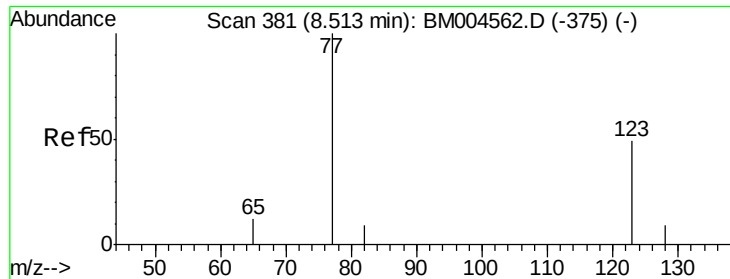


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 4.17 ng

RT: 8.50 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

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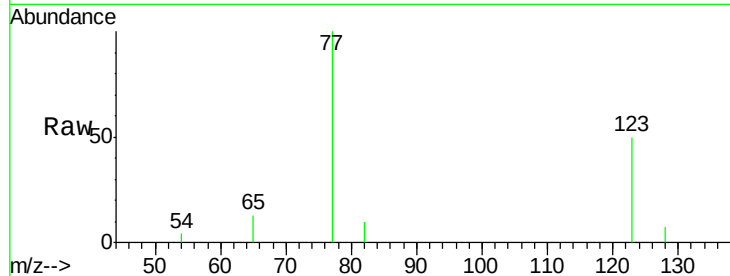
Tgt Ion: 77 Resp: 22054

Ion Ratio Lower Upper

77 100

123 56.0 0.0 0.0#

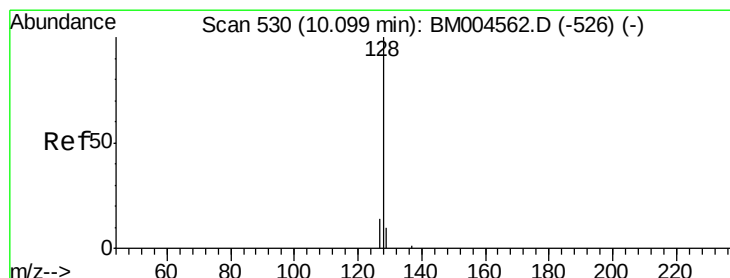
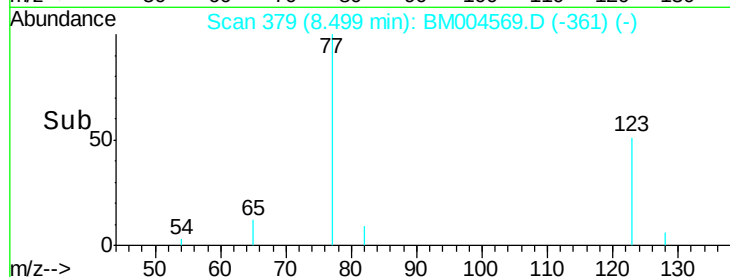
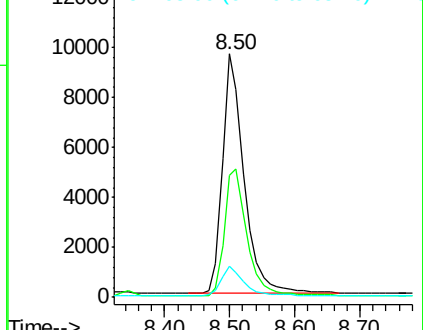
65 12.3 0.0 0.0#



Abundance Ion 77.00 (76.70 to 77.70): BM004562.D (-375) (-)

Ion 123.00 (122.70 to 123.70): BM004562.D (-375) (-)

Ion 65.00 (64.70 to 65.70): BM004562.D (-375) (-)



#10

Naphthalene

Concen: 4.39 ng

RT: 10.10 min Scan# 529

Delta R.T. -0.00 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

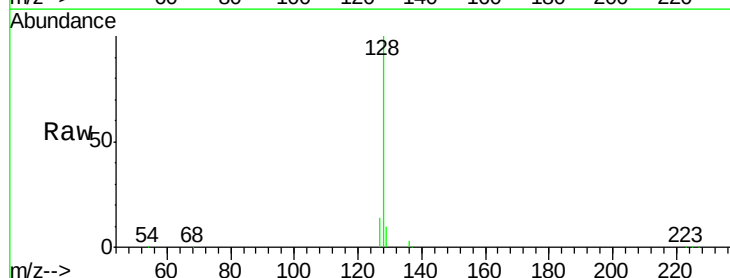
Tgt Ion: 128 Resp: 89488

Ion Ratio Lower Upper

128 100

129 10.4 8.7 13.1

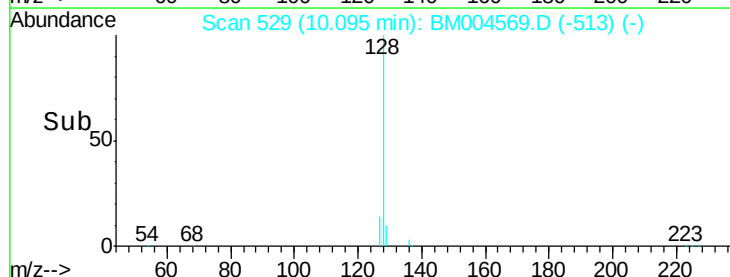
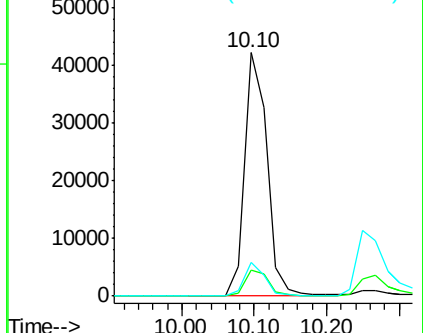
127 13.8 11.3 16.9

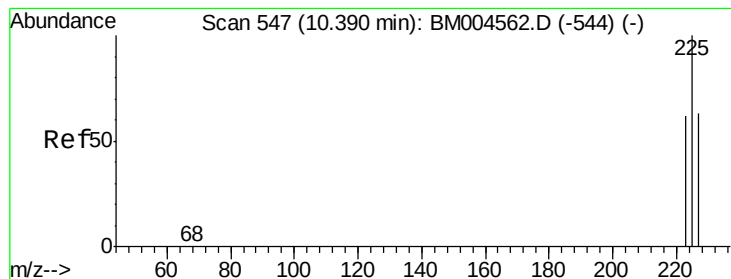


Abundance Ion 128.00 (127.70 to 128.70): BM004562.D (-526) (-)

Ion 129.00 (128.70 to 129.70): BM004562.D (-526) (-)

Ion 127.00 (126.70 to 127.70): BM004562.D (-526) (-)





#11

Hexachlorobutadiene

Concen: 3.92 ng

RT: 10.39 min Scan# 546

Delta R.T. -0.00 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

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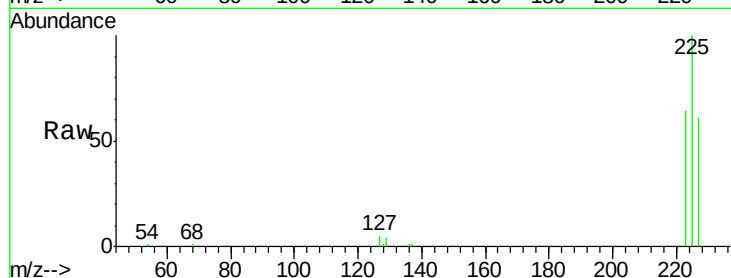
Tgt Ion: 225 Resp: 15064

Ion Ratio Lower Upper

225 100

223 63.2 0.0 0.0#

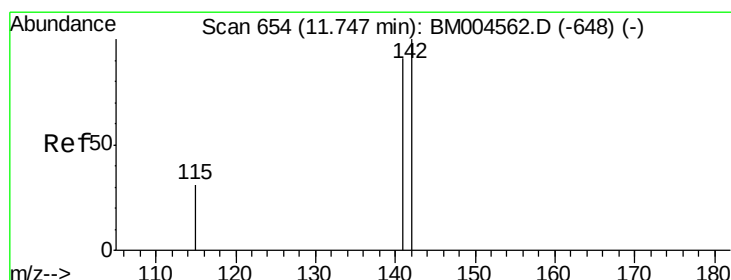
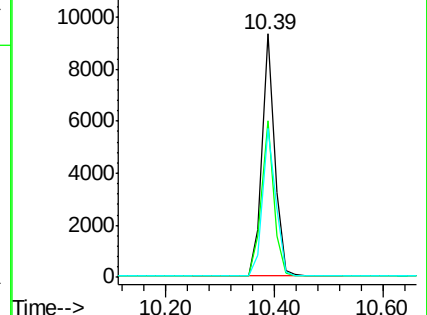
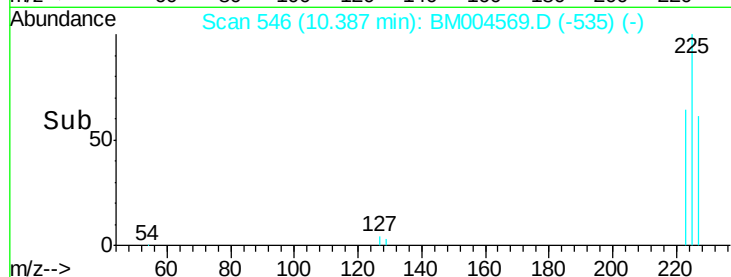
227 63.6 0.0 0.0#



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#12

2-Methylnaphthalene

Concen: 4.38 ng

RT: 11.74 min Scan# 653

Delta R.T. -0.00 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

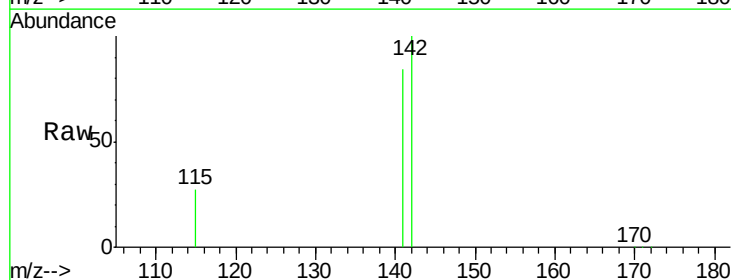
Tgt Ion: 142 Resp: 62181

Ion Ratio Lower Upper

142 100

141 83.7 72.3 108.5

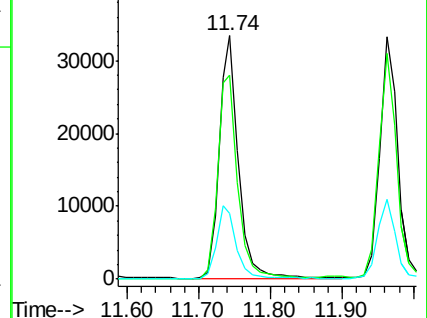
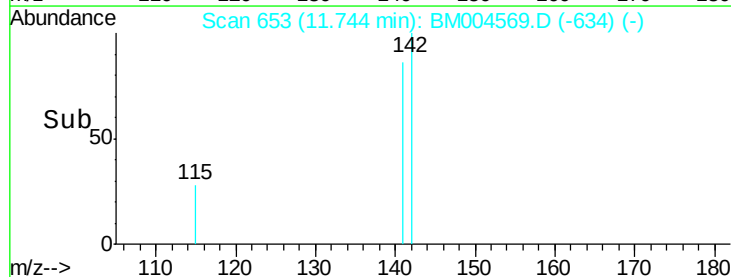
115 27.0 25.4 38.2

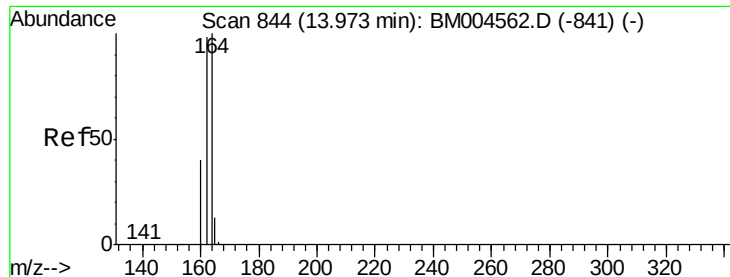


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.96 min Scan# 843

Delta R.T. -0.02 min

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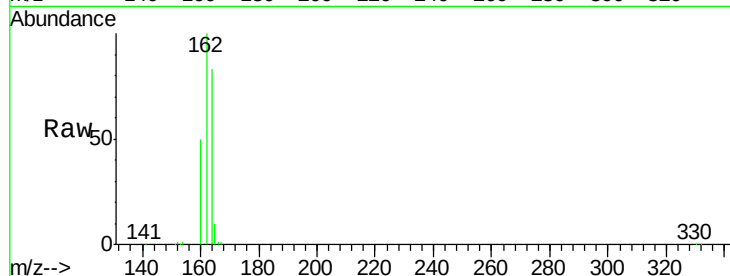
Tgt Ion:164 Resp: 46942

Ion Ratio Lower Upper

164 100

162 121.0 78.2 117.2#

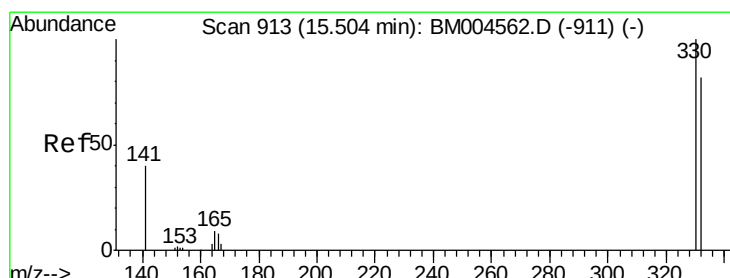
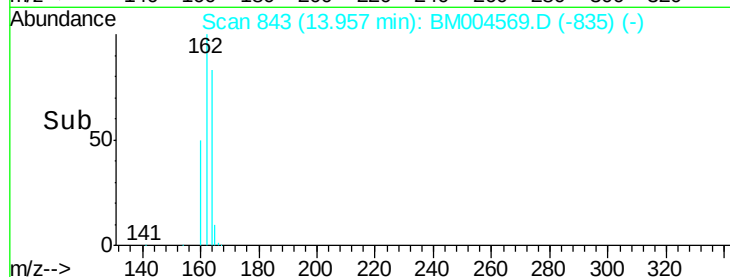
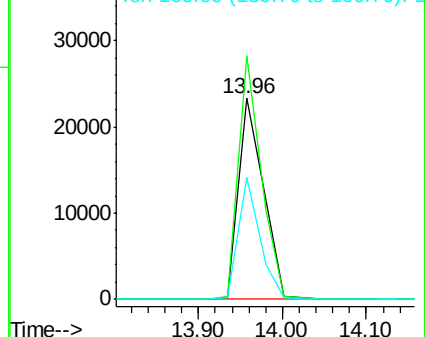
160 60.6 31.9 47.9#



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: 7.45 ng

RT: 15.49 min Scan# 912

Delta R.T. -0.02 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

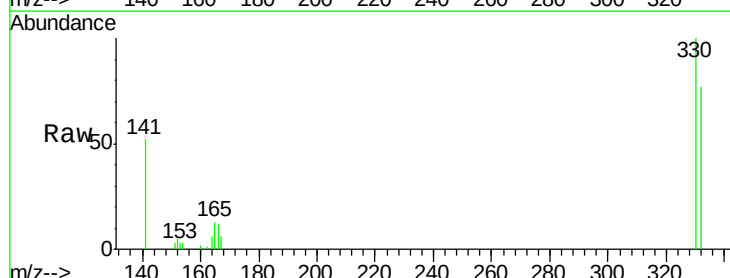
Tgt Ion:330 Resp: 13141

Ion Ratio Lower Upper

330 100

332 0.0 0.0 0.0

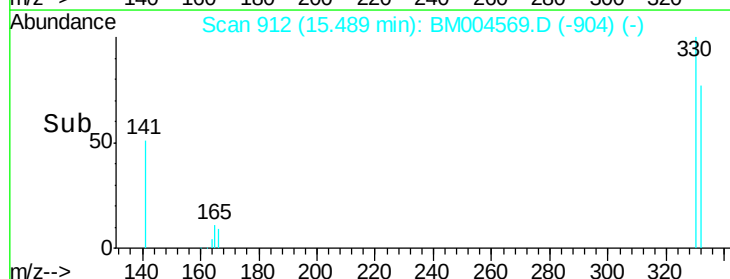
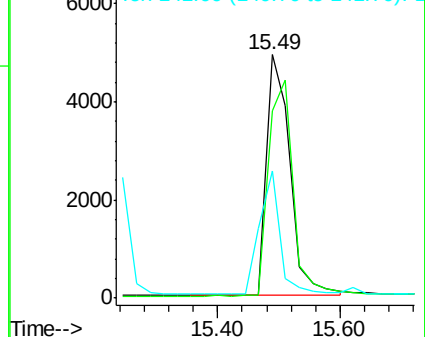
141 44.7 0.0 0.0#

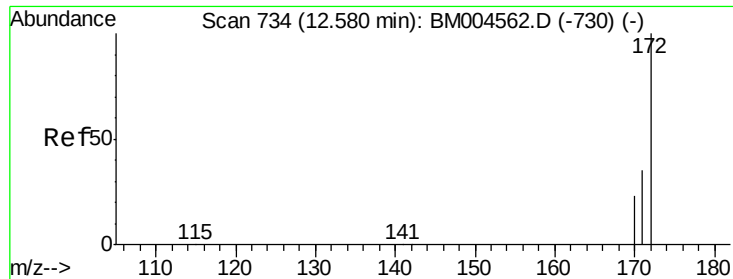


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

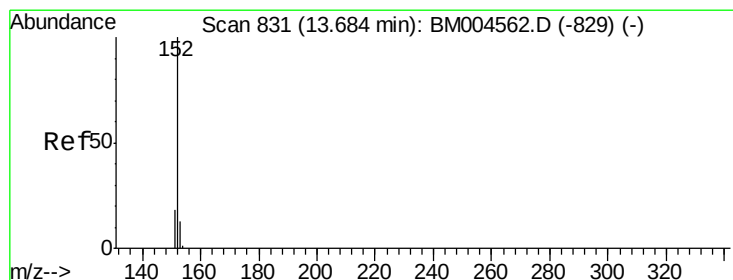
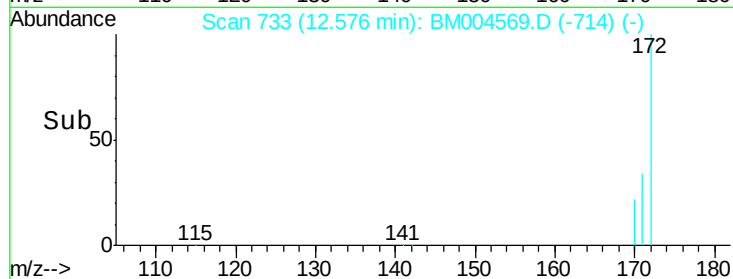
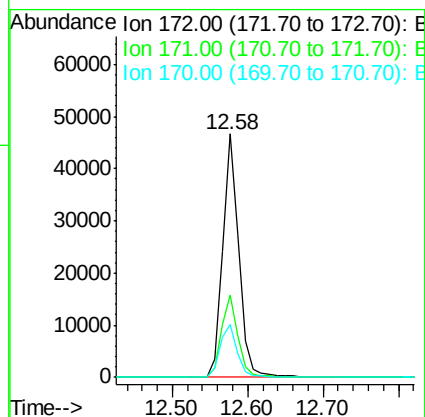
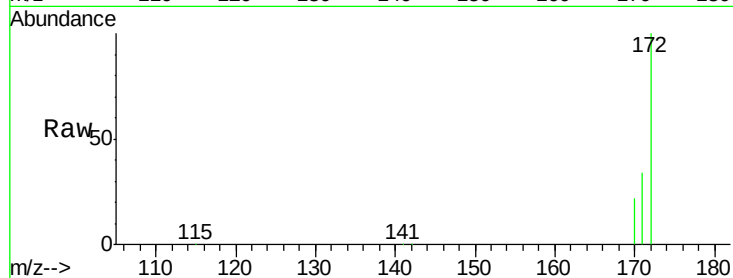




#15
2-Fluorobiphenyl
Concen: 4.68 ng
RT: 12.58 min Scan# 733
Delta R.T. -0.00 min
Lab File: BM004569.D
Acq: 05 Mar 2016 22:55

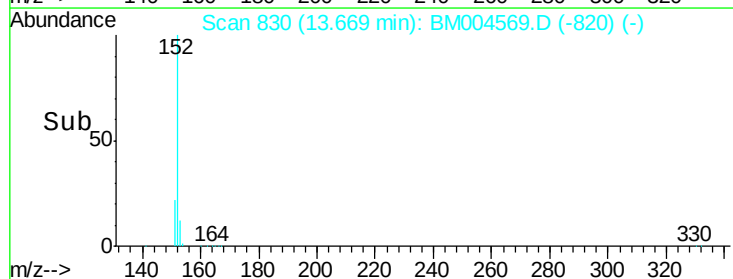
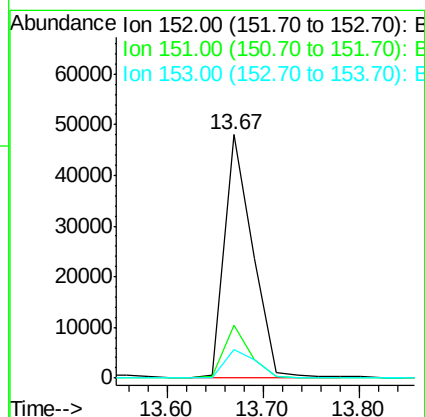
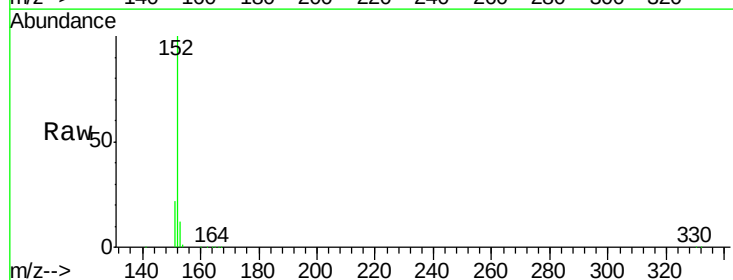
Instrument :
BNA_M
ClientSampleId :
PB88683BSD

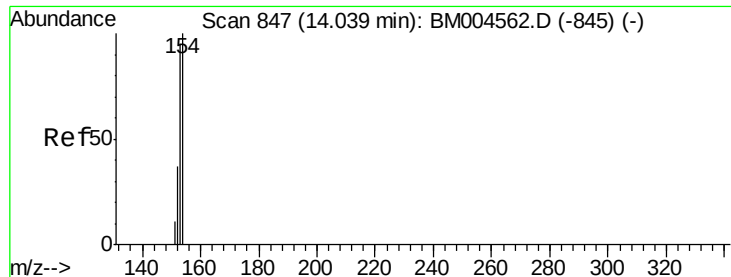
Tgt Ion:172 Resp: 70608
Ion Ratio Lower Upper
172 100
171 33.8 28.6 42.8
170 21.7 19.1 28.7



#16
Acenaphthylene
Concen: 4.17 ng
RT: 13.67 min Scan# 830
Delta R.T. -0.02 min
Lab File: BM004569.D
Acq: 05 Mar 2016 22:55

Tgt Ion:152 Resp: 97961
Ion Ratio Lower Upper
152 100
151 19.9 9.2 13.8#
153 12.9 51.4 77.0#





#17

Acenaphthene

Concen: 4.59 ng

RT: 14.02 min Scan# 846

Delta R.T. -0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD

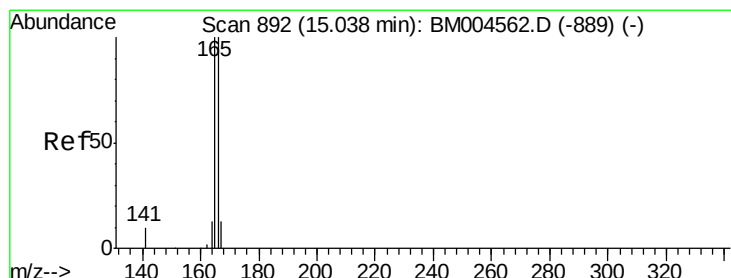
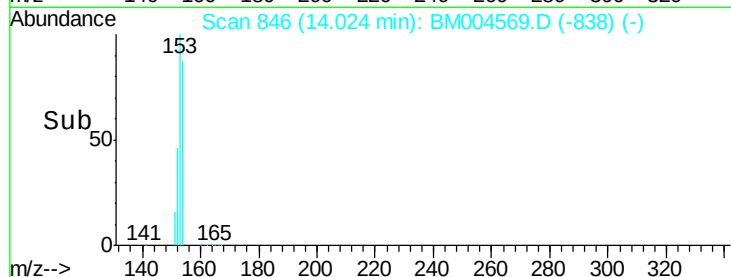
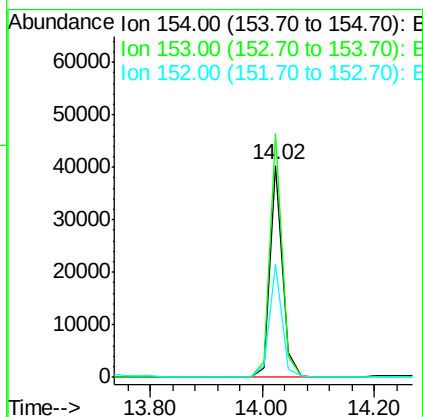
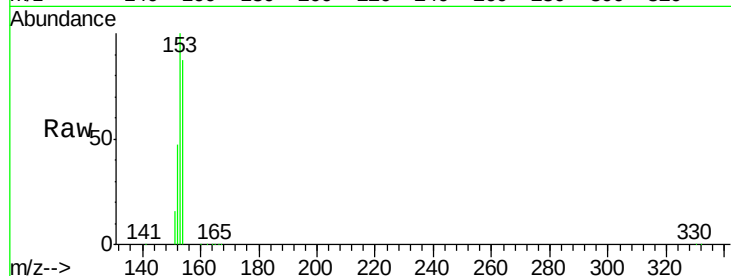
Tgt Ion:154 Resp: 62897

Ion Ratio Lower Upper

154 100

153 113.3 0.0 0.0#

152 52.9 0.2 0.2#



#18

Fluorene

Concen: 3.93 ng

RT: 15.05 min Scan# 892

Delta R.T. 0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

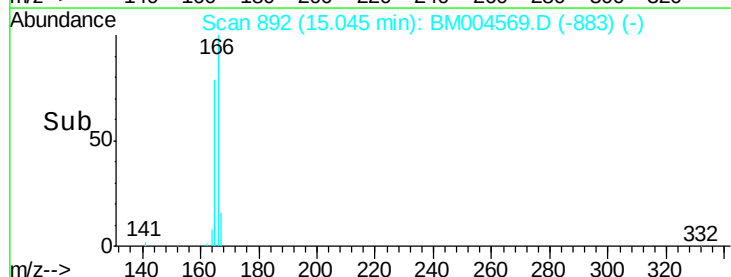
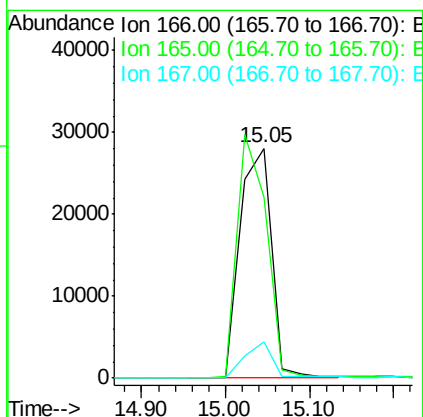
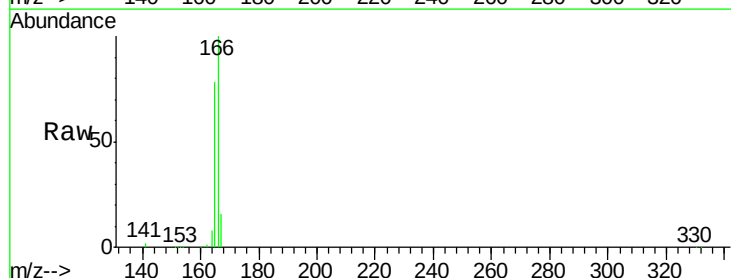
Tgt Ion:166 Resp: 71884

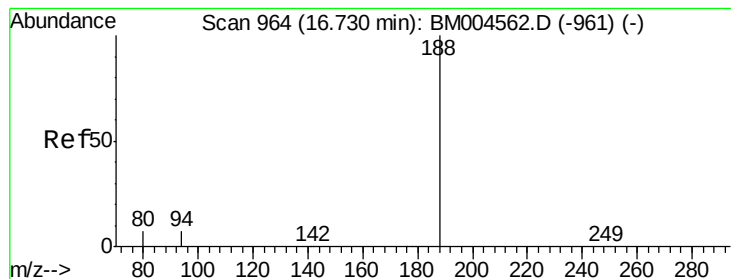
Ion Ratio Lower Upper

166 100

165 0.0 0.0 0.0

167 13.5 20.0 30.0#





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.74 min Scan# 964

Delta R.T. 0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD

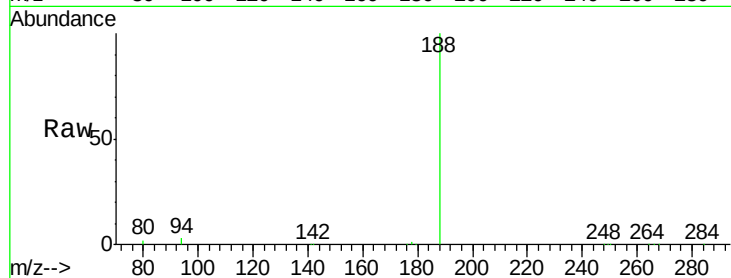
Tgt Ion:188 Resp: 97116

Ion Ratio Lower Upper

188 100

94 2.8 6.0 9.0#

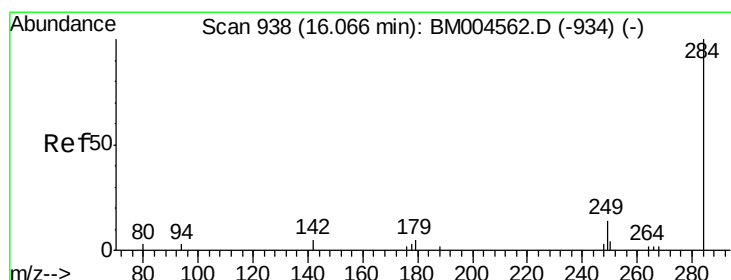
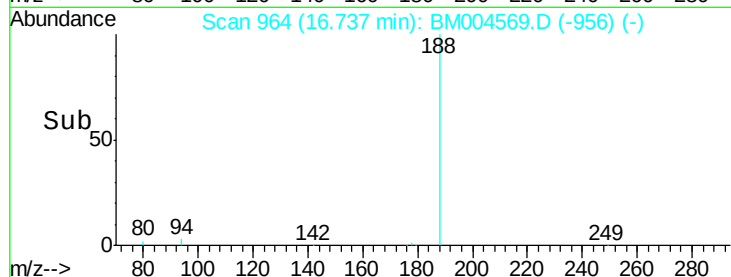
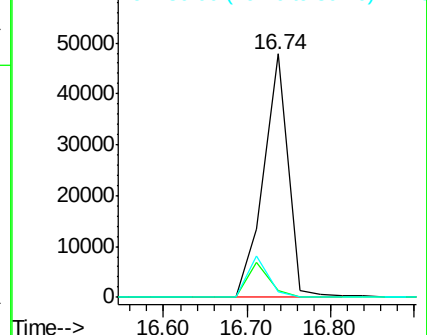
80 2.2 5.3 7.9#



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



#20

Hexachlorobenzene

Concen: 6.71 ng

RT: 16.05 min Scan# 937

Delta R.T. -0.02 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

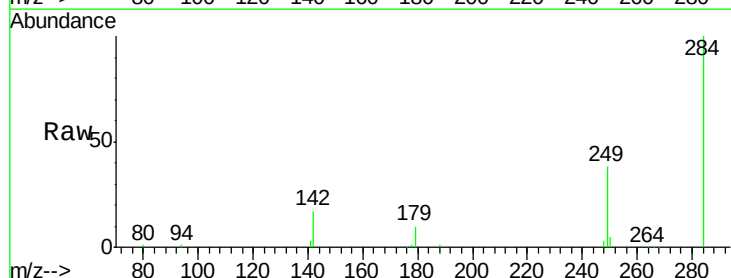
Tgt Ion:284 Resp: 25085

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

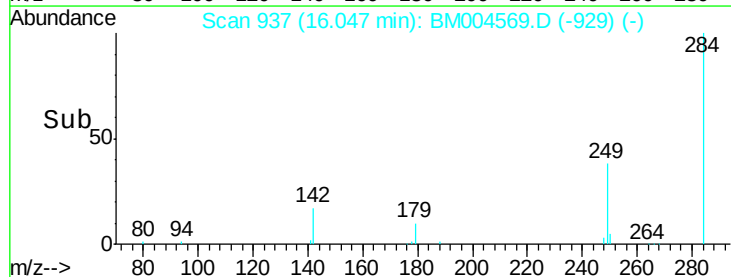
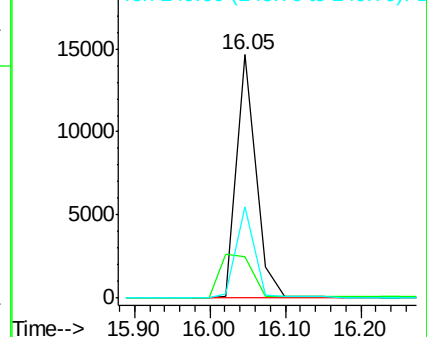
249 37.0 0.0 0.0#

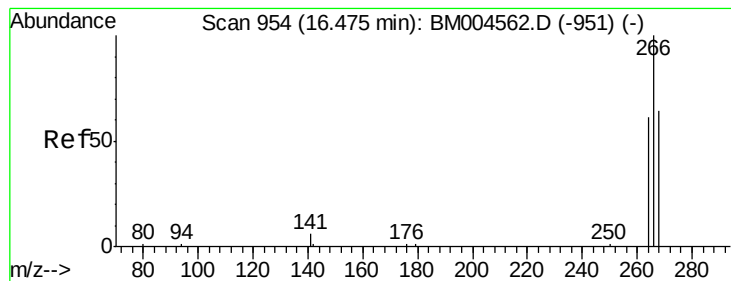


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 8.64 ng

RT: 16.46 min Scan# 953

Delta R.T. -0.02 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD

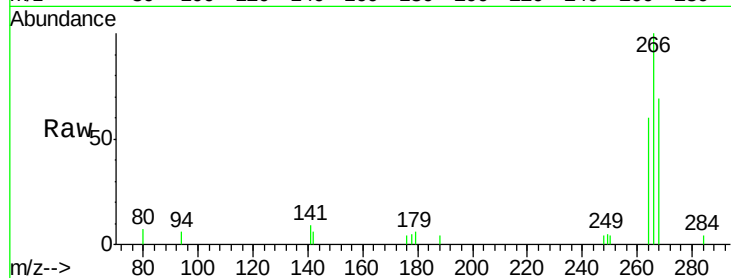
Tgt Ion:266 Resp: 5622

Ion Ratio Lower Upper

266 100

268 69.1 62.6 94.0

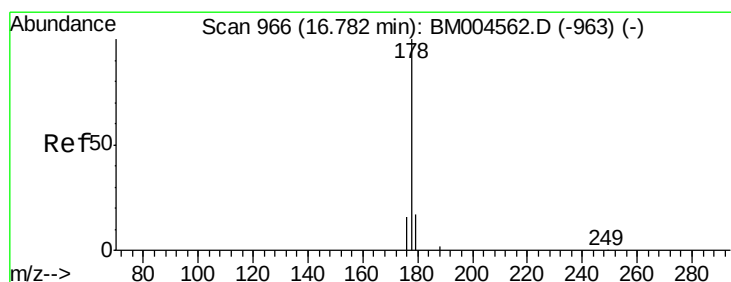
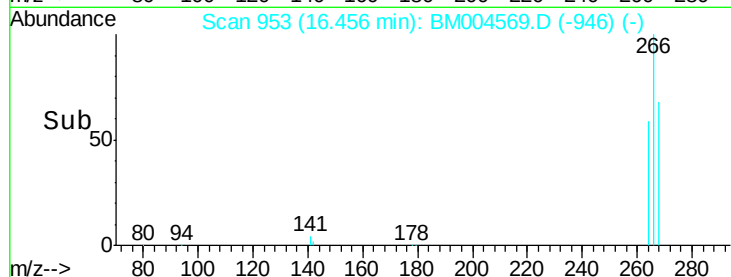
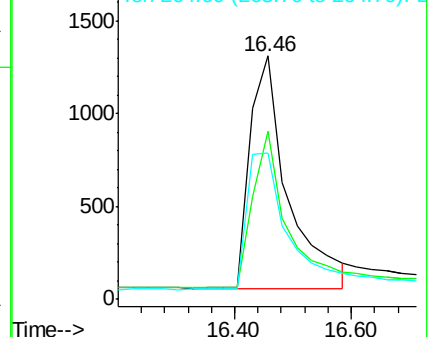
264 60.3 57.4 86.0



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



#22

Phenanthrene

Concen: 6.59 ng

RT: 16.76 min Scan# 965

Delta R.T. -0.02 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

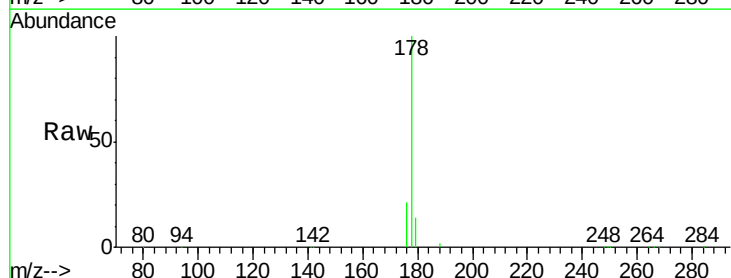
Tgt Ion:178 Resp: 132486

Ion Ratio Lower Upper

178 100

176 19.9 0.0 0.0#

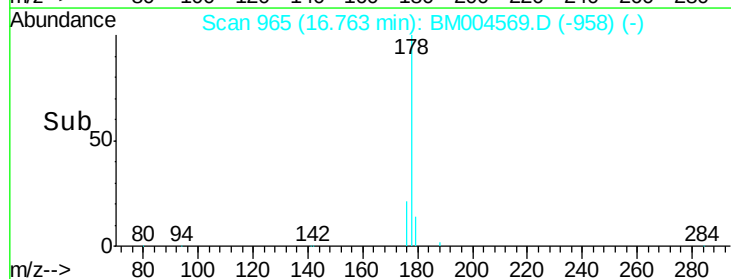
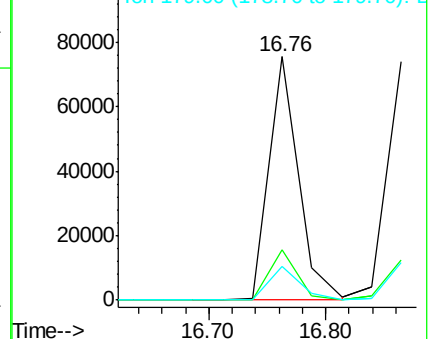
179 14.4 0.0 0.0#

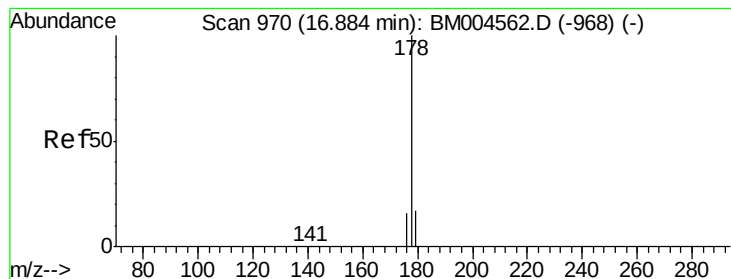


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

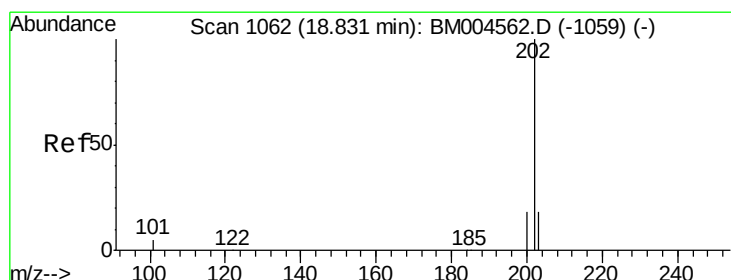
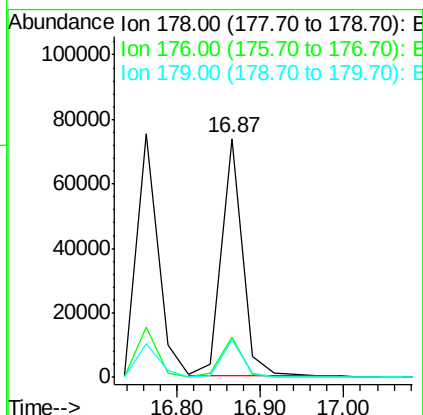
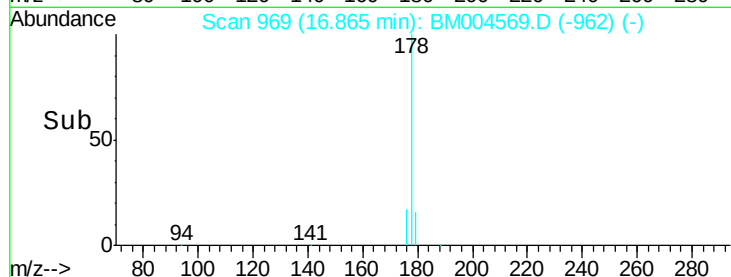
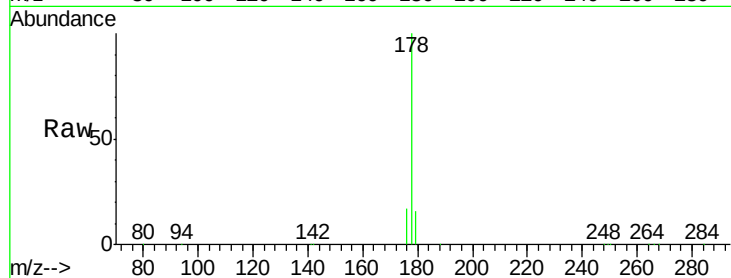




#23
 Anthracene
 Concen: 5.22 ng
 RT: 16.87 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BM004569.D
 Acq: 05 Mar 2016 22:55

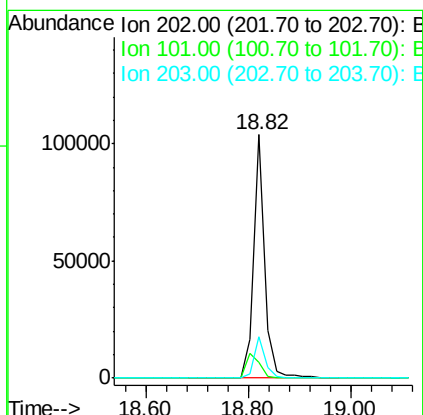
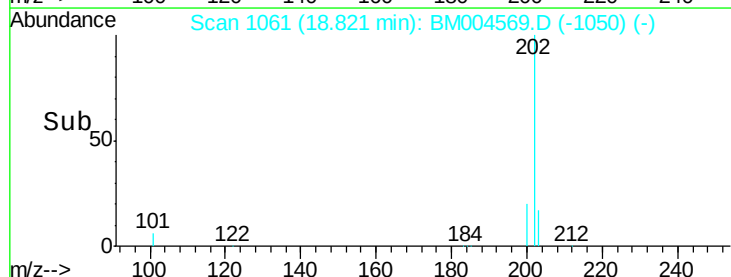
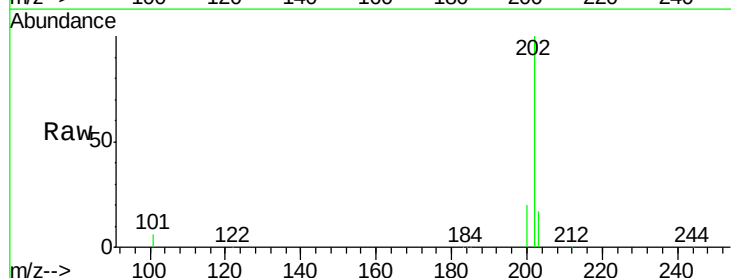
Instrument :
 BNA_M
 ClientSampleId :
 PB88683BSD

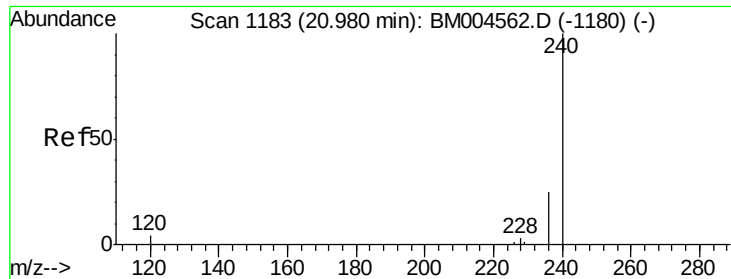
Tgt Ion:178 Resp: 130498
 Ion Ratio Lower Upper
 178 100
 176 17.3 0.0 0.0#
 179 15.5 0.0 0.0#



#24
 Fluoranthene
 Concen: 5.66 ng
 RT: 18.82 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BM004569.D
 Acq: 05 Mar 2016 22:55

Tgt Ion:202 Resp: 152196
 Ion Ratio Lower Upper
 202 100
 101 12.8 12.2 18.4
 203 17.5 14.6 21.8





#25

Chrysene-d12

Concen: 5.00 ng

RT: 20.97 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD

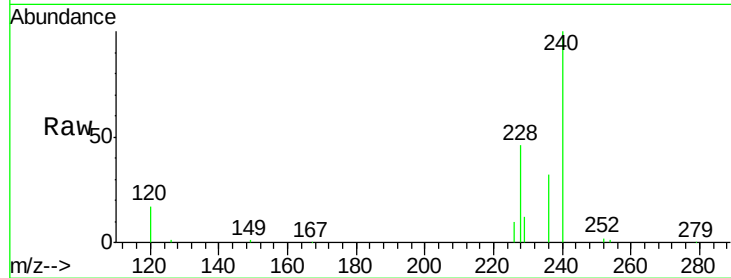
Tgt Ion:240 Resp: 104880

Ion Ratio Lower Upper

240 100

120 16.7 3.5 5.3#

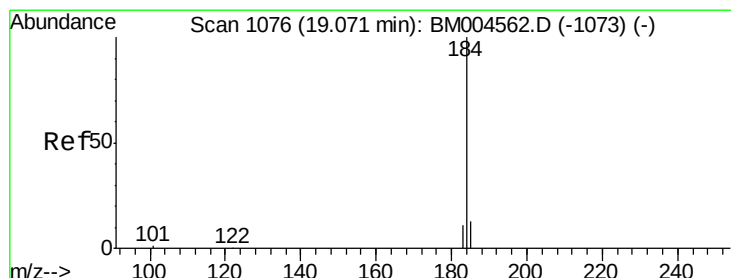
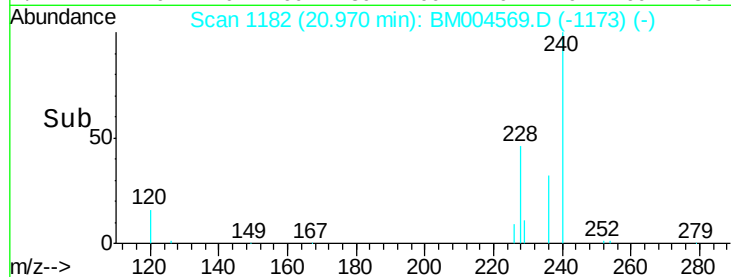
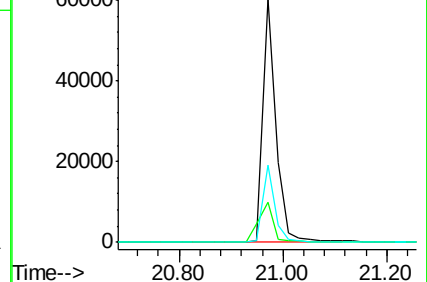
236 31.8 20.3 30.5#



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



#26

Benzidine

Concen: 0.60 ng

RT: 19.40 min Scan# 1095

Delta R.T. 0.33 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

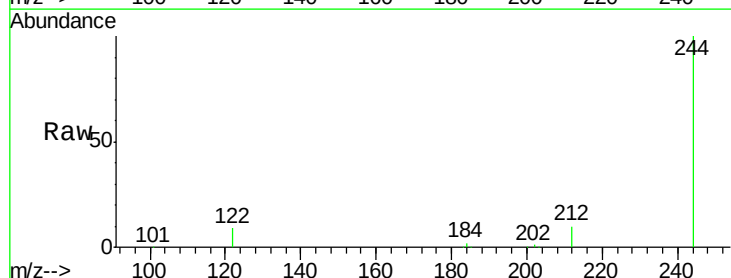
Tgt Ion:184 Resp: 1848

Ion Ratio Lower Upper

184 100

185 23.5 19.4 29.0

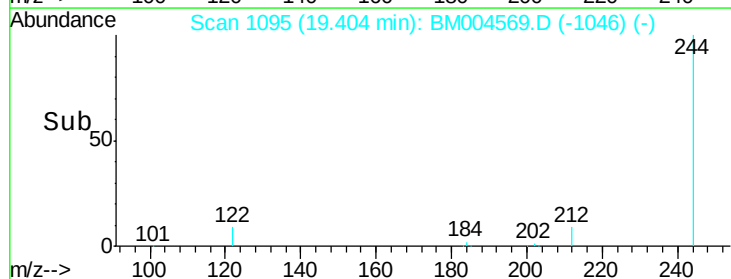
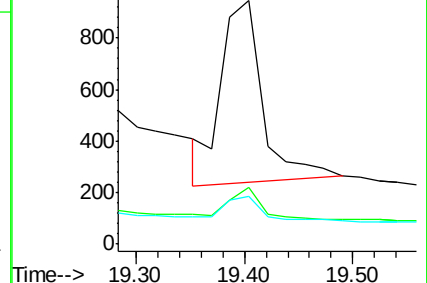
183 19.8 16.5 24.7

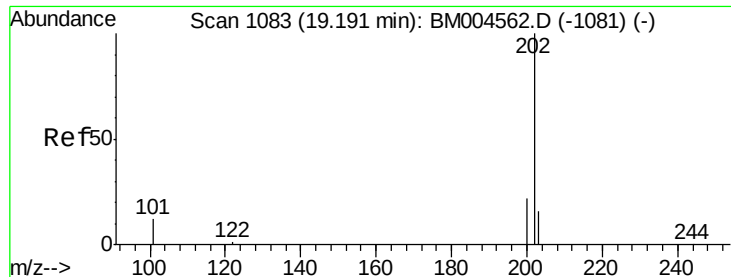


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

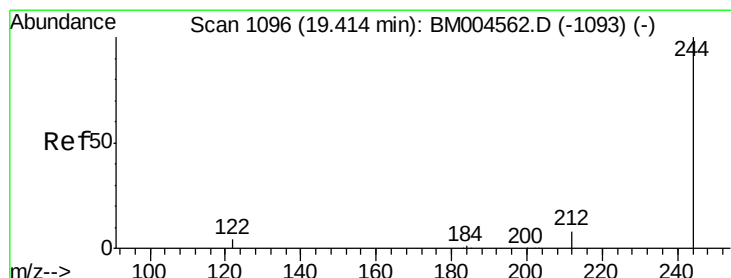
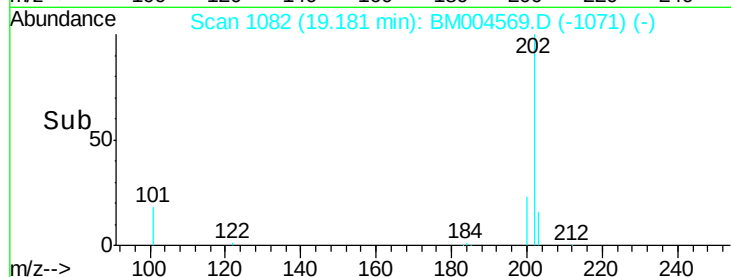
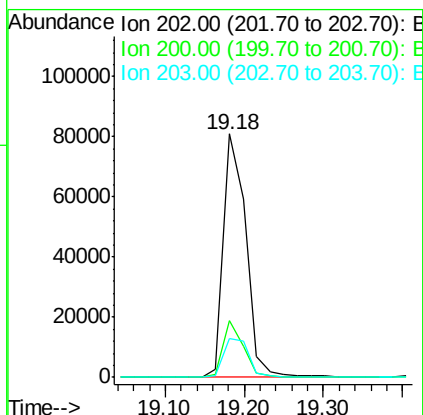
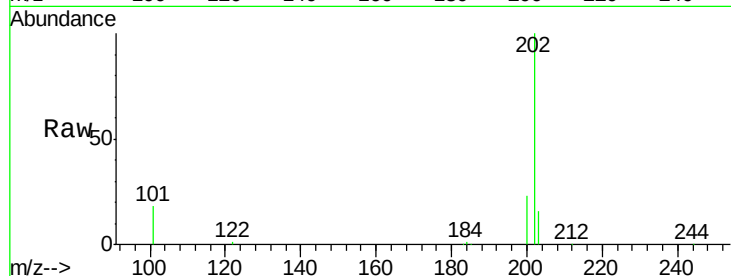




#27
 Pyrene
 Concen: 4.18 ng
 RT: 19.18 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM004569.D
 Acq: 05 Mar 2016 22:55

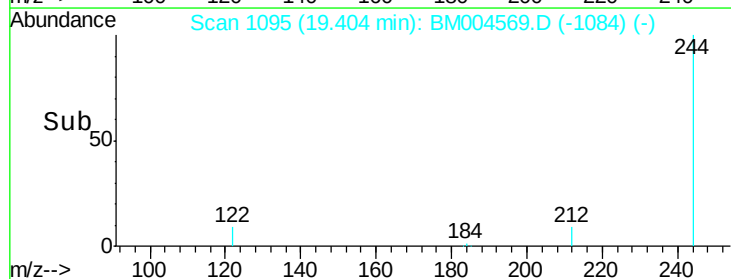
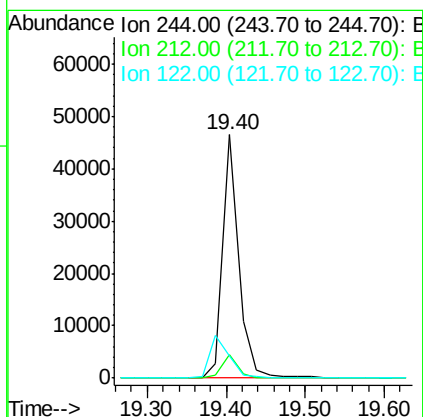
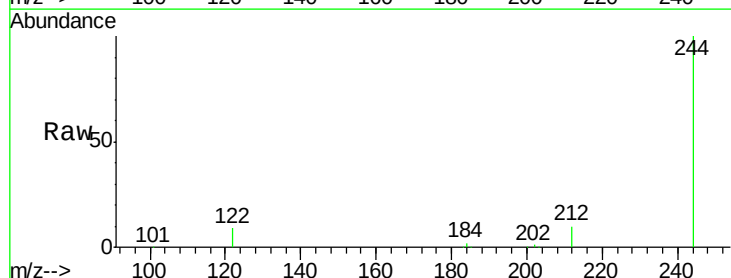
Instrument :
 BNA_M
 ClientSampleId :
 PB88683BSD

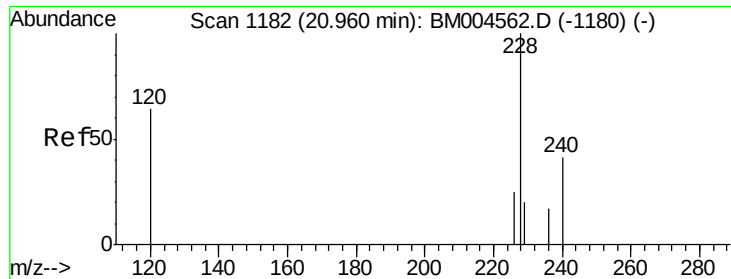
Tgt Ion: 202 Resp: 157558
 Ion Ratio Lower Upper
 202 100
 200 20.7 0.2 0.2#
 203 17.8 0.0 0.0#



#28
 Terphenyl-d14
 Concen: 4.10 ng
 RT: 19.40 min Scan# 1095
 Delta R.T. -0.01 min
 Lab File: BM004569.D
 Acq: 05 Mar 2016 22:55

Tgt Ion: 244 Resp: 64795
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.0 10.4
 122 9.2 4.2 6.4#





#29

Benzo(a)anthracene

Concen: 3.91 ng

RT: 21.01 min Scan# 1184

Delta R.T. 0.05 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD

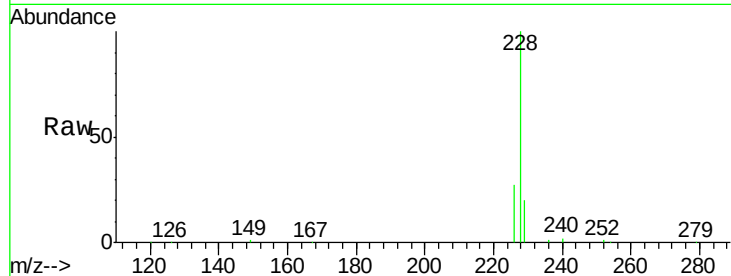
Tgt Ion:228 Resp: 127797

Ion Ratio Lower Upper

228 100

226 27.4 20.3 30.5

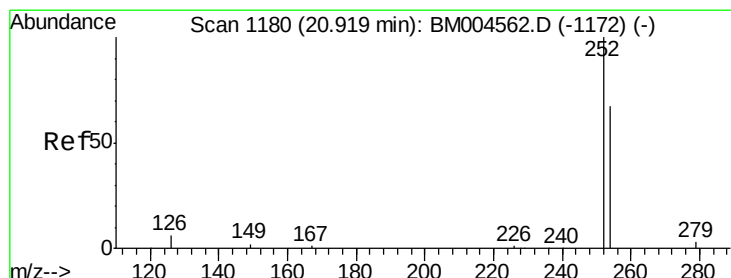
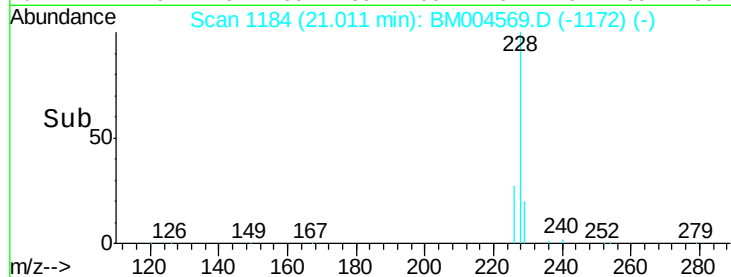
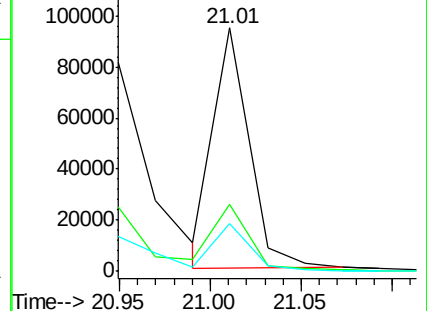
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

3,3'-Dichlorobenzidine

Concen: 3.33 ng

RT: 20.91 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

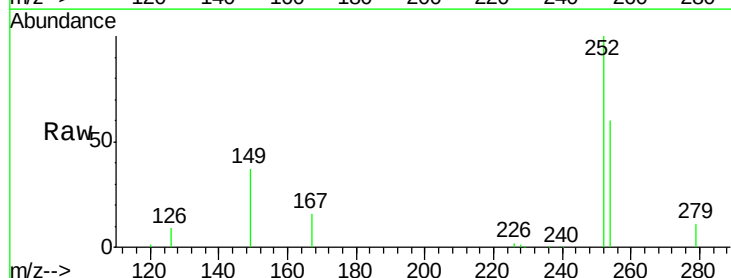
Tgt Ion:252 Resp: 42793

Ion Ratio Lower Upper

252 100

254 59.9 53.9 80.9

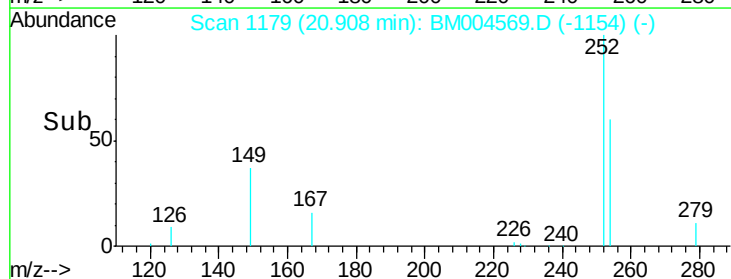
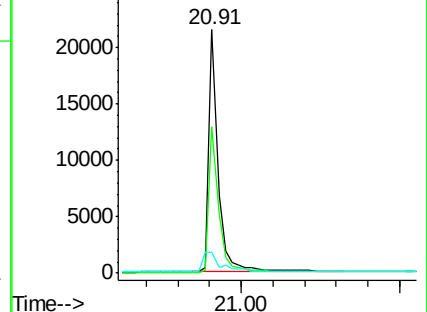
126 8.7 6.9 10.3

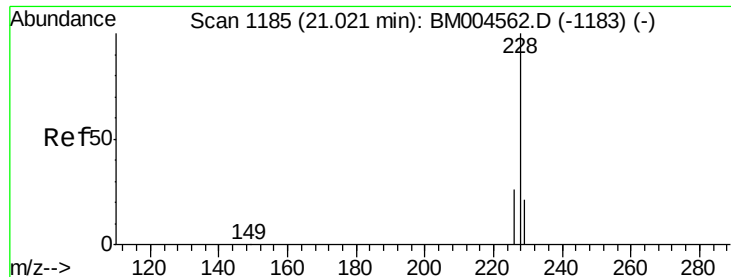


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#31

Chrysene

Concen: 4.01 ng

RT: 21.01 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD

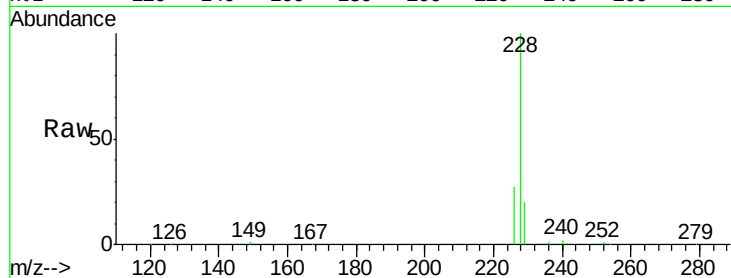
Tgt Ion:228 Resp: 133241

Ion Ratio Lower Upper

228 100

226 27.4 20.3 30.5

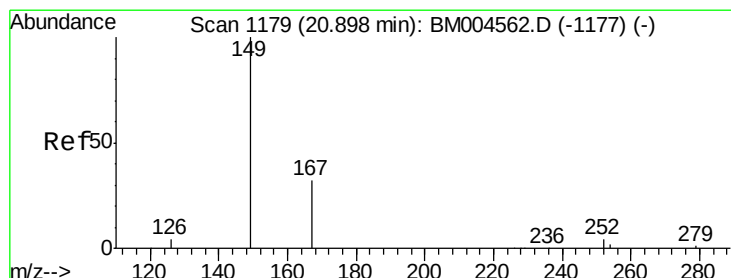
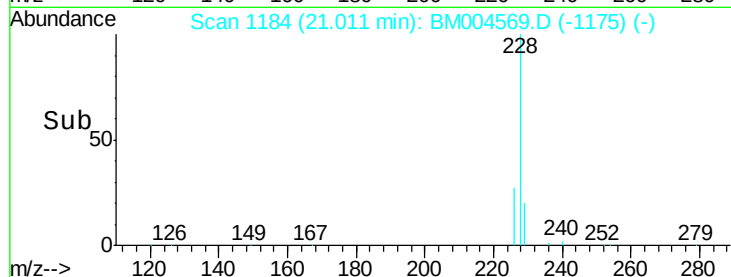
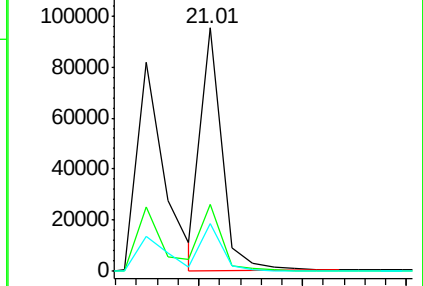
229 19.8 17.8 26.6



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



#32

Bis(2-ethylhexyl)phthalate

Concen: 4.34 ng

RT: 20.89 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

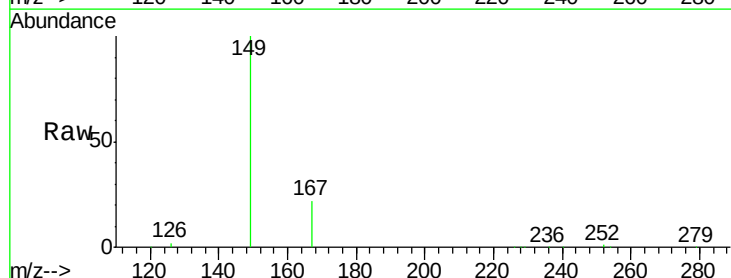
Tgt Ion:149 Resp: 104643

Ion Ratio Lower Upper

149 100

167 24.2 0.6 0.8#

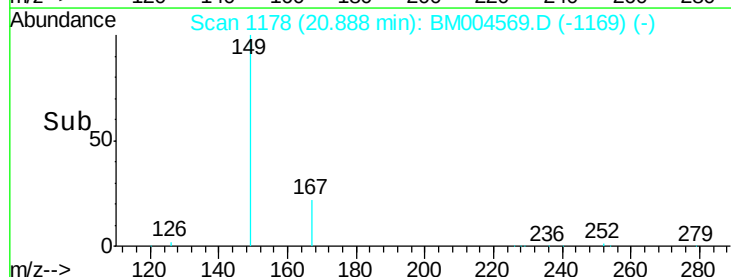
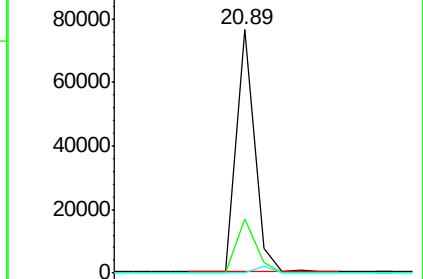
279 0.0 0.0 0.0

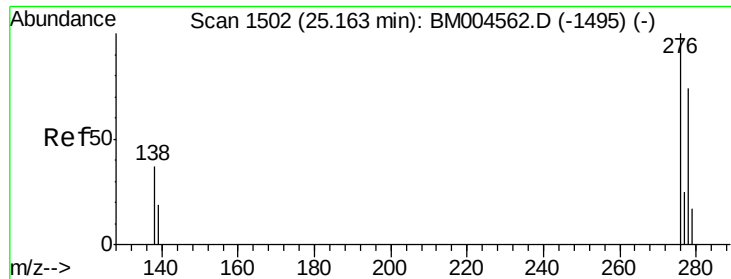


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Indeno(1,2,3-cd)pyrene

Concen: 4.06 ng

RT: 25.14 min Scan# 1500

Delta R.T. -0.02 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD

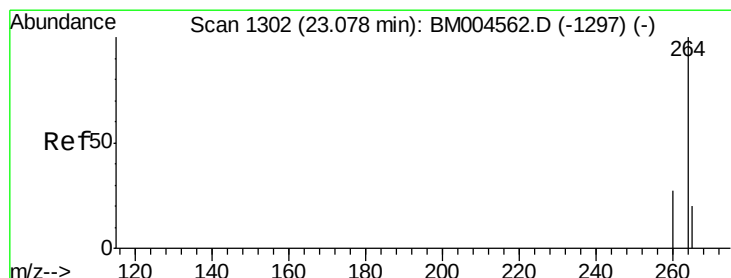
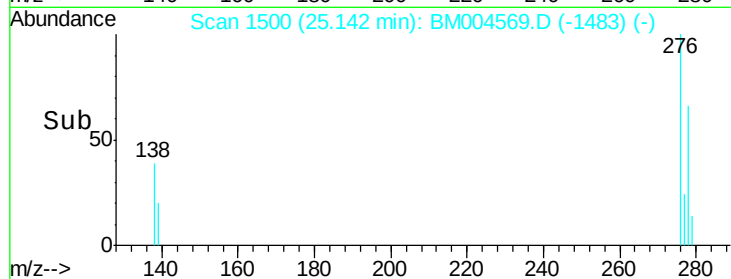
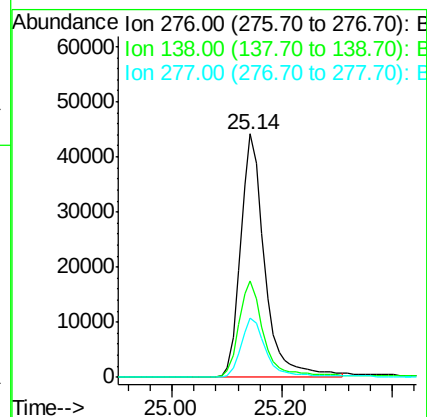
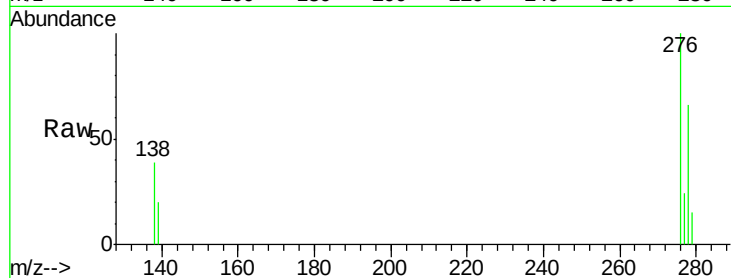
Tgt Ion:276 Resp: 134007

Ion Ratio Lower Upper

276 100

138 40.3 22.8 34.2#

277 24.8 15.2 22.8#



#34

Perylene-d12

Concen: 5.00 ng

RT: 23.09 min Scan# 1303

Delta R.T. 0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

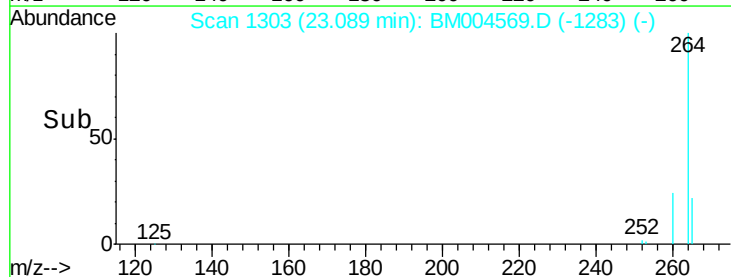
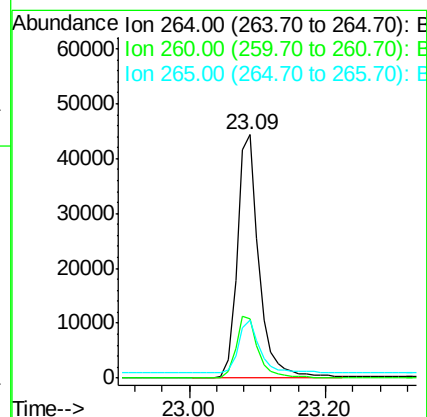
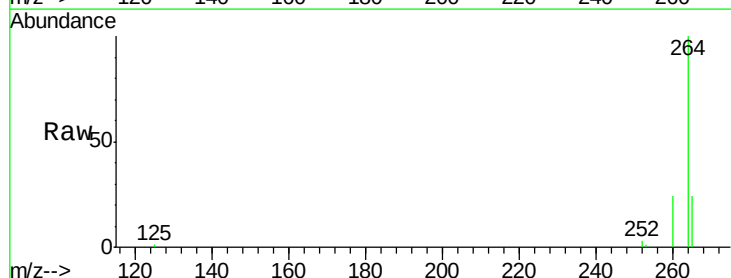
Tgt Ion:264 Resp: 97507

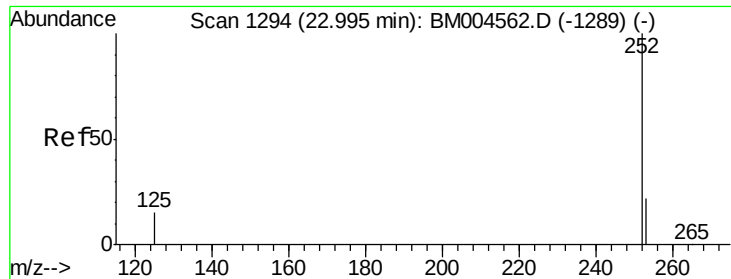
Ion Ratio Lower Upper

264 100

260 24.4 21.4 32.2

265 24.0 17.8 26.8





#35

Benzo(a)pyrene

Concen: 4.34 ng

RT: 22.99 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD

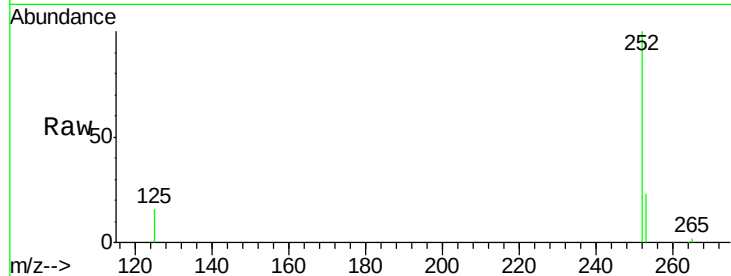
Tgt Ion: 252 Resp: 129685

Ion Ratio Lower Upper

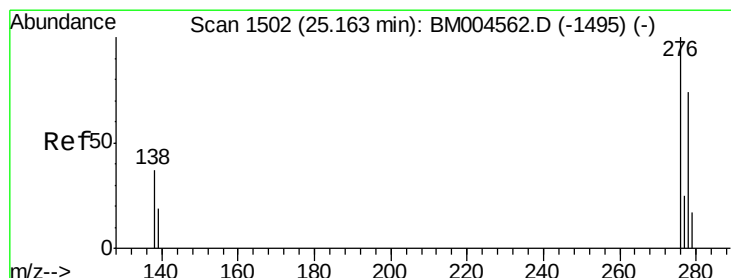
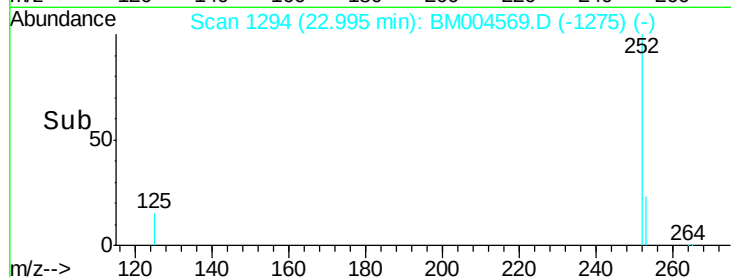
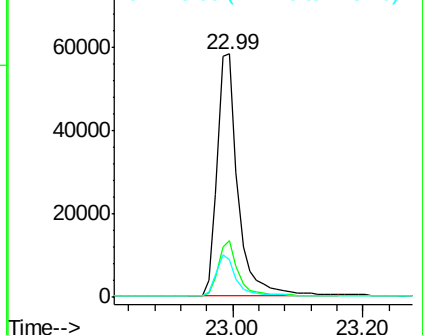
252 100

253 23.1 19.0 28.6

125 15.5 14.4 21.6



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



#36

Dibenzo(a,h)anthracene

Concen: 4.24 ng

RT: 25.15 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BM004569.D

Acq: 05 Mar 2016 22:55

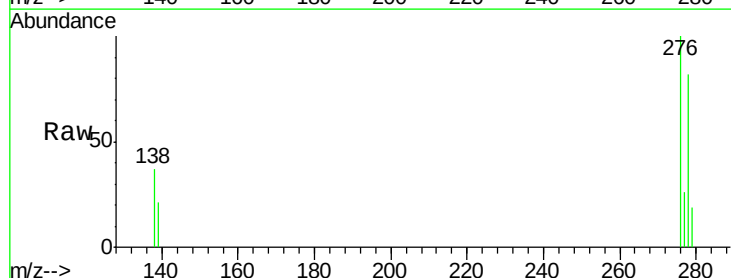
Tgt Ion: 278 Resp: 105795

Ion Ratio Lower Upper

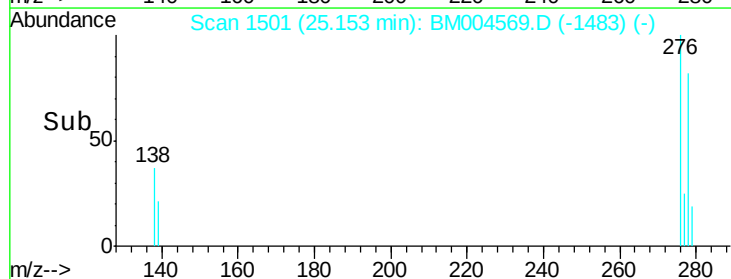
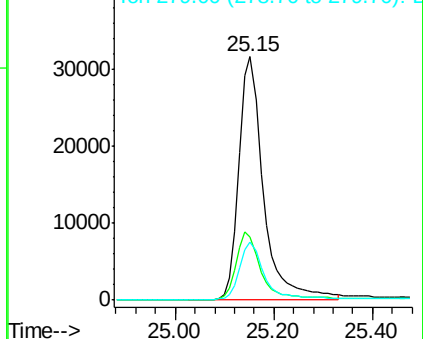
278 100

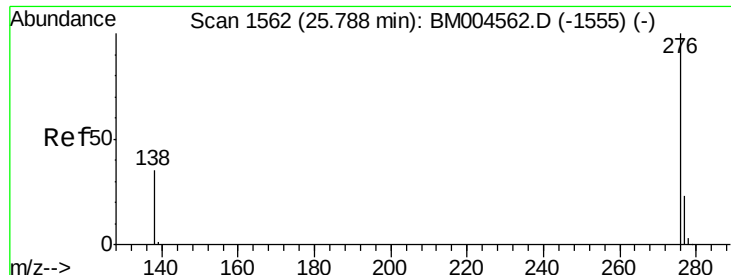
139 25.9 21.7 32.5

279 23.8 20.2 30.4



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





#37

Benzo(g,h,i)perylene

Concen: 4.18 ng

RT: 25.78 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BM004569.D

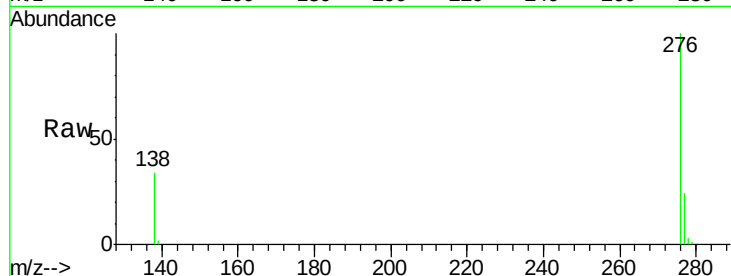
Acq: 05 Mar 2016 22:55

Instrument :

BNA_M

ClientSampleId :

PB88683BSD



Tgt Ion: 276 Resp: 115012

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 33.6 29.3 43.9

