

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
 Data File : BM004566.D
 Acq On : 05 Mar 2016 21:08
 Operator : SJ/UM
 Sample : SSTDICV001
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM030516

Quant Time: Mar 07 07:56:36 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	30556	5.00	ng	0.00
7) Naphthalene-d8	10.06	136	118343	5.00	ng	0.00
13) Acenaphthene-d10	13.97	164	65161	5.00	ng	0.00
19) Phenanthrene-d10	16.73	188	171200	5.00	ng	0.00
25) Chrysene-d12	20.98	240	140163	5.00	ng	0.00
34) Perylene-d12	23.08	264	133599	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.01	112	6488	0.90	ng	0.00
5) Phenol-d6	6.63	99	7961	0.92	ng	0.00
8) Nitrobenzene-d5	8.47	82	5853	0.93	ng	0.00
14) 2,4,6-Tribromophenol	15.50	330	2112	0.92	ng	0.00
15) 2-Fluorobiphenyl	12.58	172	19993	1.00	ng	0.00
28) Terphenyl-d14	19.41	244	19785	0.96	ng	0.00

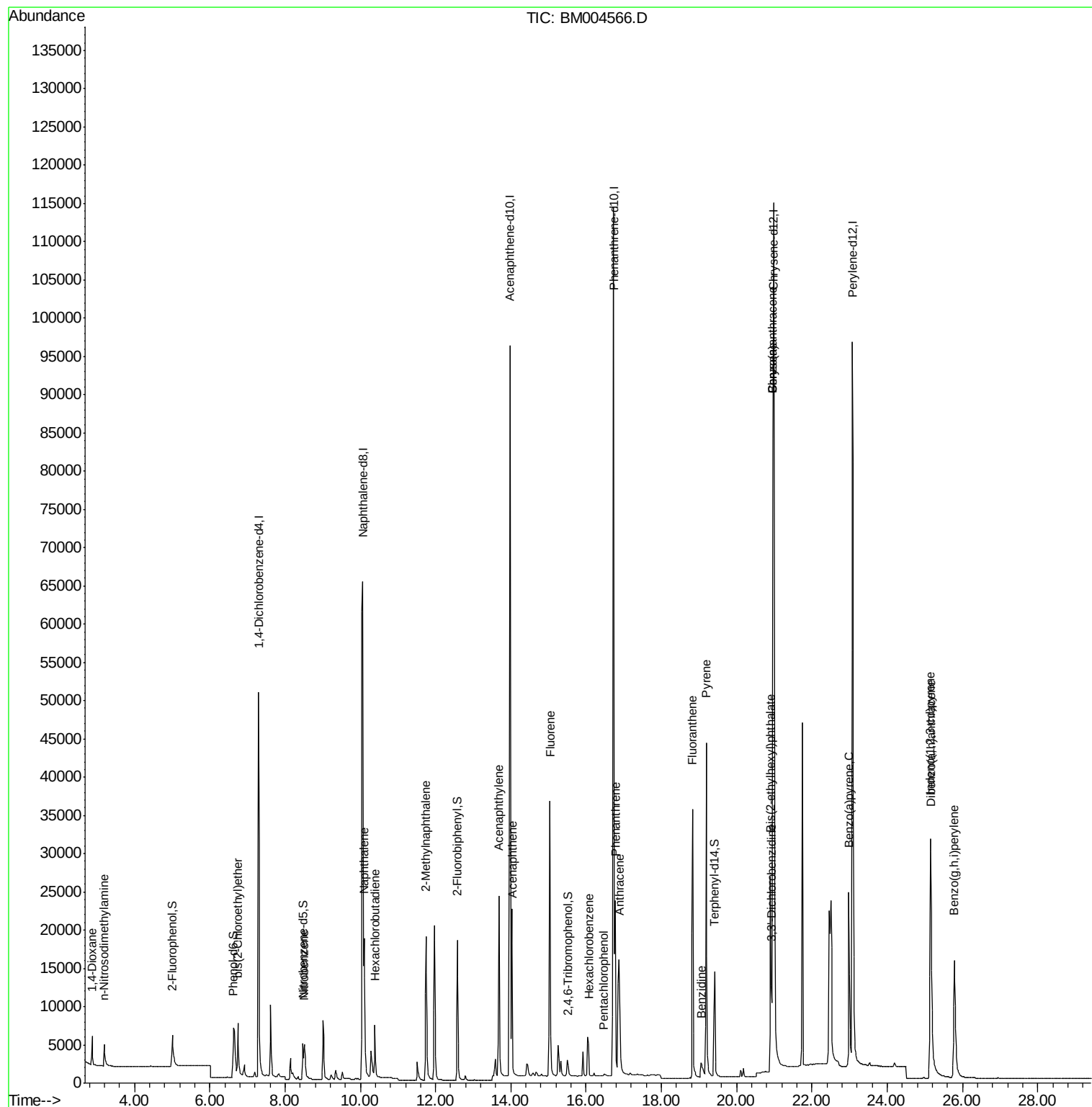
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	3015	0.97	ng	# 100
3) n-Nitrosodimethylamine	3.20	42	2131	0.91	ng	# 100
6) bis(2-Chloroethyl)ether	6.75	93	7036	0.96	ng	# 22
9) Nitrobenzene	8.51	77	6390	0.91	ng	# 100
10) Naphthalene	10.10	128	27200	1.01	ng	# 100
11) Hexachlorobutadiene	10.39	225	4806	0.94	ng	# 100
12) 2-Methylnaphthalene	11.75	142	17658	0.94	ng	# 100
16) Acenaphthylene	13.68	152	30535	0.96	ng	# 42
17) Acenaphthene	14.04	154	18373	1.01	ng	# 100
18) Fluorene	15.04	166	24950	0.98	ng	# 76
20) Hexachlorobenzene	16.07	284	7128	0.96	ng	# 100
21) Pentachlorophenol	16.47	266	523	0.74	ng	# 100
22) Phenanthrene	16.78	178	35410	1.01	ng	# 100
23) Anthracene	16.88	178	33002	0.93	ng	# 100
24) Fluoranthene	18.83	202	44195	0.96	ng	# 97
26) Benzidine	19.05	184	8720	1.25	ng	# 88
27) Pyrene	19.19	202	47617	0.98	ng	# 84
29) Benzo(a)anthracene	20.96	228	83994	1.92	ng	# 99
30) 3,3'-Dichlorobenzidine	20.92	252	14418	0.99	ng	# 100
31) Chrysene	20.96	228	85174	1.95	ng	# 98
32) Bis(2-ethylhexyl)phthalate	20.90	149	26686	0.85	ng	# 44
33) Indeno(1,2,3-cd)pyrene	25.15	276	39383	0.97	ng	# 81
35) Benzo(a)pyrene	22.98	252	38467	0.94	ng	# 97
36) Dibenzo(a,h)anthracene	25.16	278	30698	0.90	ng	# 99
37) Benzo(g,h,i)perylene	25.79	276	33943	0.90	ng	# 98

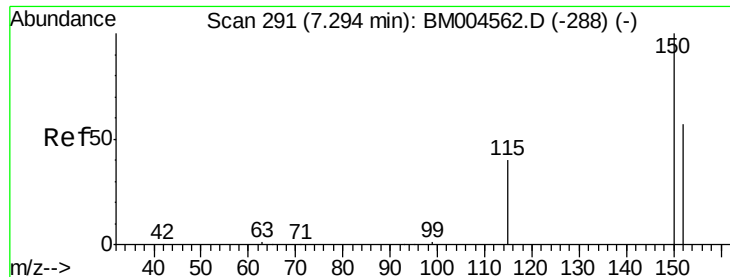
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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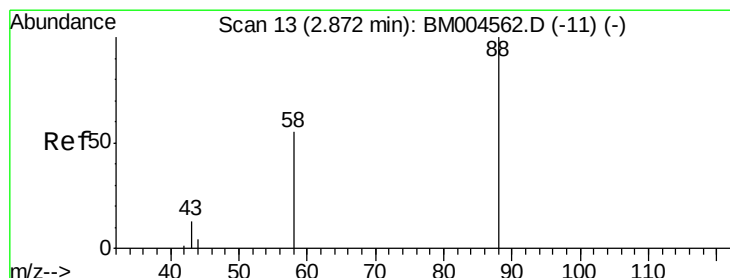
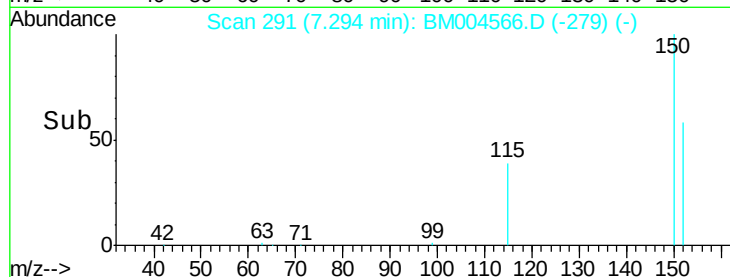
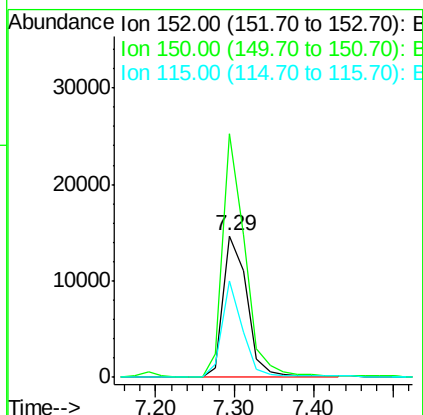
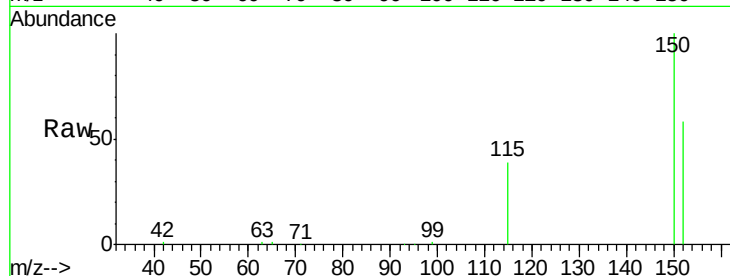


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.29 min Scan# 291
Delta R.T. -0.00 min
Lab File: BM004566.D
Acq: 05 Mar 2016 21:08

Instrument :
BNA_M
ClientSampleId :
ICVBM030516

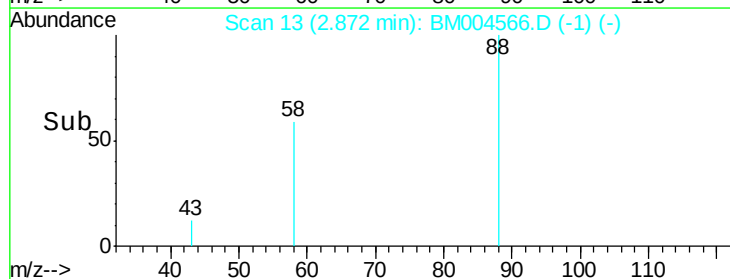
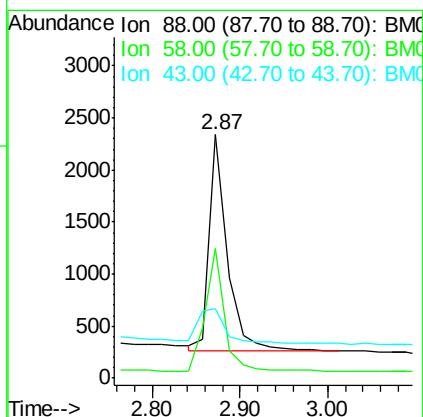
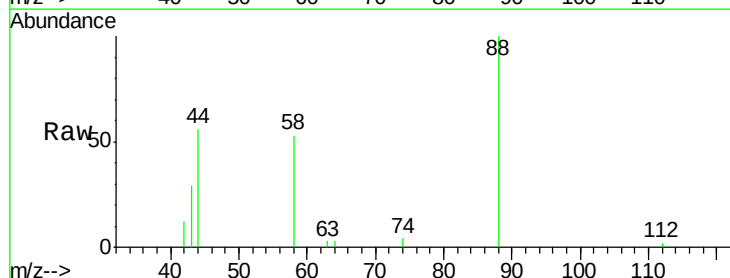
Tgt Ion:152 Resp: 30556
Ion Ratio Lower Upper
152 100
150 172.3 140.1 210.1
115 67.8 56.1 84.1

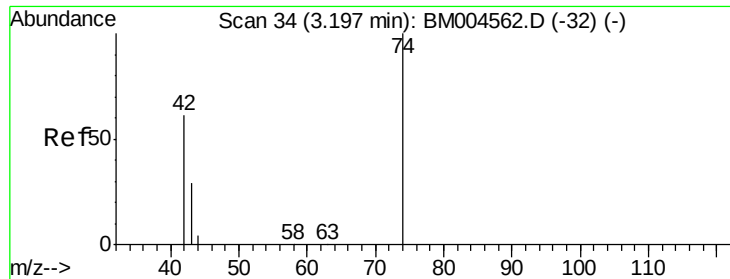


#2

1,4-Dioxane
Concen: 0.97 ng
RT: 2.87 min Scan# 13
Delta R.T. 0.00 min
Lab File: BM004566.D
Acq: 05 Mar 2016 21:08

Tgt Ion: 88 Resp: 3015
Ion Ratio Lower Upper
88 100
58 58.2 0.0 0.0#
43 25.7 0.0 0.0#





#3

n-Nitrosodimethylamine

Concen: 0.91 ng

RT: 3.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

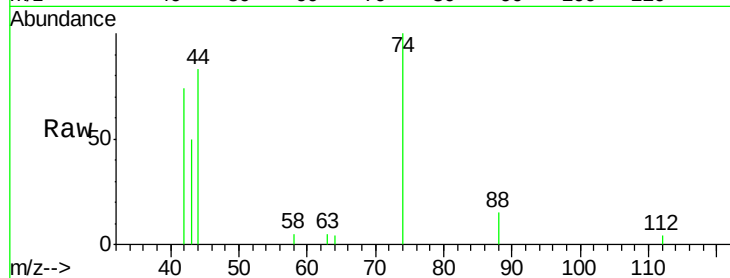
Tgt Ion: 42 Resp: 2131

Ion Ratio Lower Upper

42 100

74 167.9 0.0 0.0#

44 12.0 0.0 0.0#



Abundance Ion 42.00 (41.70 to 42.70): BM004566.D (-21) (-)

Ion 74.00 (73.70 to 74.70): BM004566.D (-21) (-)

Ion 44.00 (43.70 to 44.70): BM004566.D (-21) (-)

Time-->

3.10 3.20 3.30 3.40

1500

1000

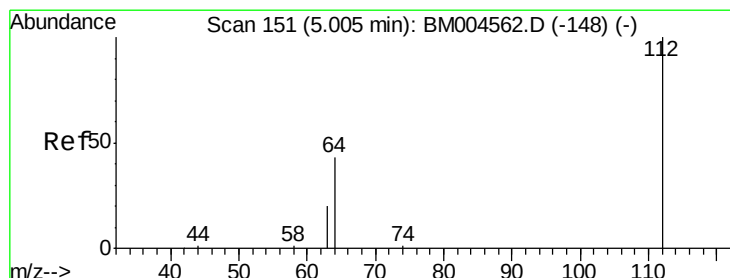
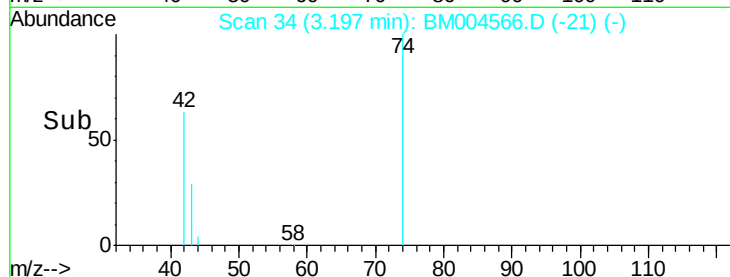
500

0

3.10 3.20 3.30 3.40

Time-->

3.10 3.20 3.30 3.40



#4

2-Fluorophenol

Concen: 0.90 ng

RT: 5.01 min Scan# 151

Delta R.T. -0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

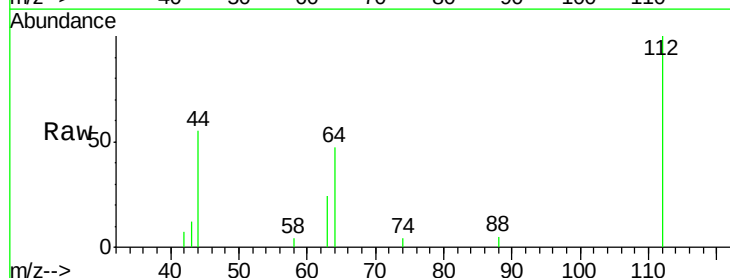
Tgt Ion: 112 Resp: 6488

Ion Ratio Lower Upper

112 100

64 47.5 0.0 0.0#

63 23.3 0.0 0.0#



Abundance Ion 112.00 (111.70 to 112.70): BM004566.D (-138) (-)

Ion 64.00 (63.70 to 64.70): BM004566.D (-138) (-)

Ion 63.00 (62.70 to 63.70): BM004566.D (-138) (-)

Time-->

4.80 4.90 5.00 5.10 5.20

3000

2500

2000

1500

1000

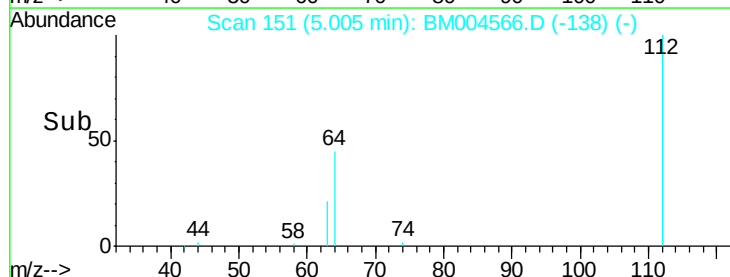
500

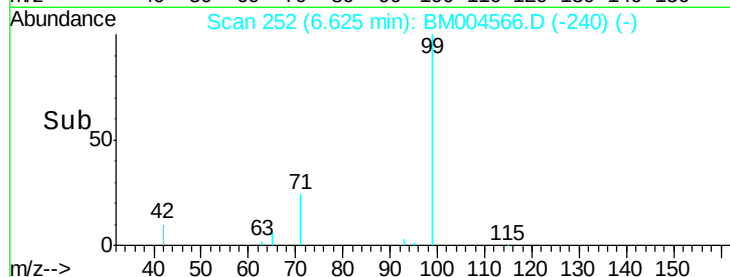
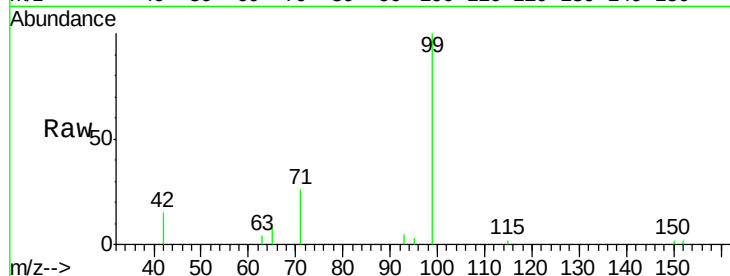
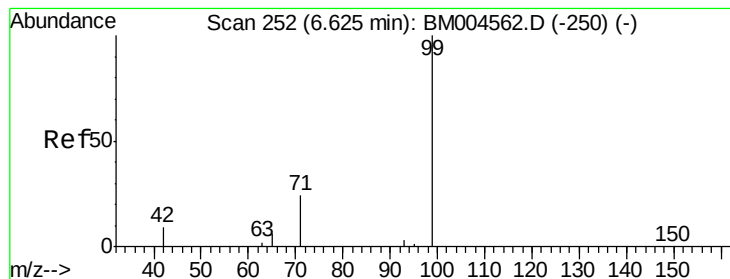
0

4.80 4.90 5.00 5.10 5.20

Time-->

4.80 4.90 5.00 5.10 5.20





#5

Phenol-d6

Concen: 0.92 ng

RT: 6.63 min Scan# 252

Delta R.T. -0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

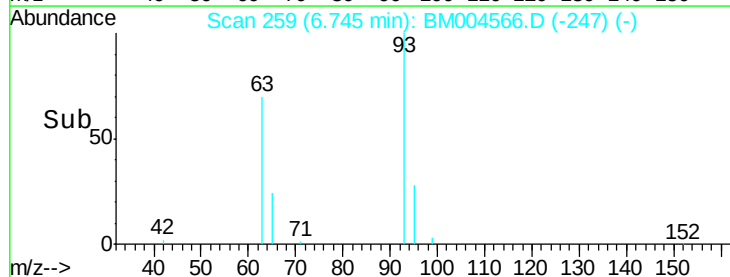
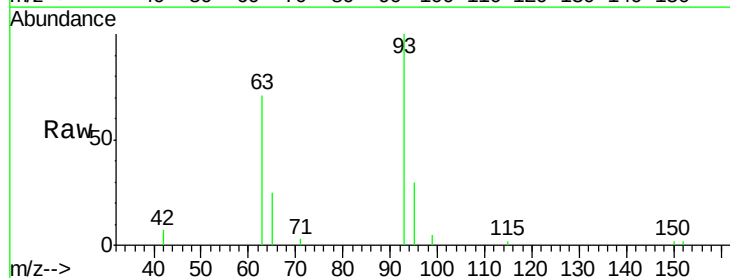
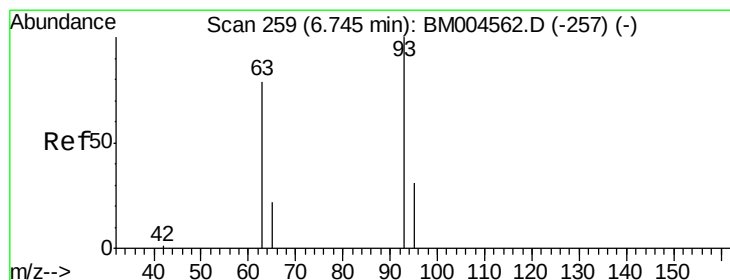
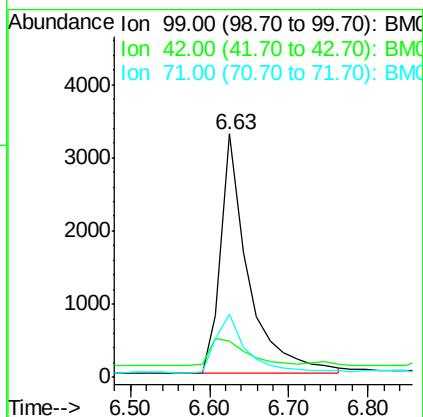
Tgt Ion: 99 Resp: 7961

Ion Ratio Lower Upper

99 100

42 15.1 0.0 0.0#

71 27.4 0.2 0.2#



#6

bis(2-Chloroethyl)ether

Concen: 0.96 ng

RT: 6.75 min Scan# 259

Delta R.T. -0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

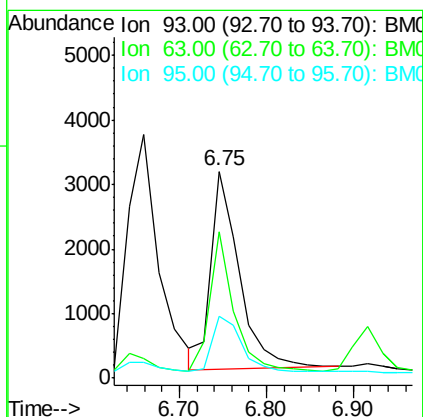
Tgt Ion: 93 Resp: 7036

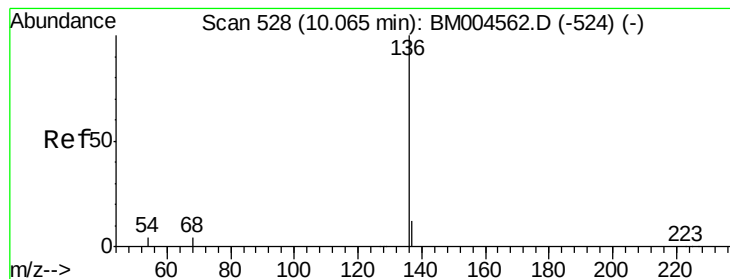
Ion Ratio Lower Upper

93 100

63 61.4 18.7 28.1#

95 29.8 0.0 0.0#





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.06 min Scan# 528

Delta R.T. -0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

Tgt Ion: 136 Resp: 118343

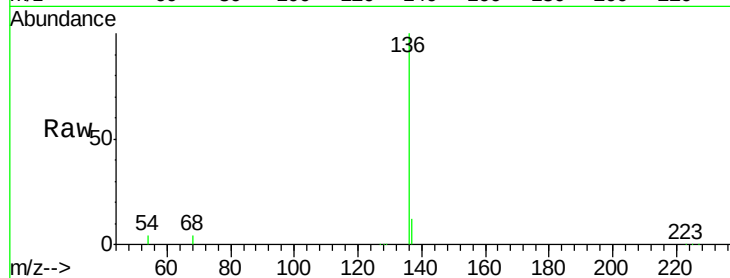
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 3.6 3.0 4.4

68 3.5 2.9 4.3

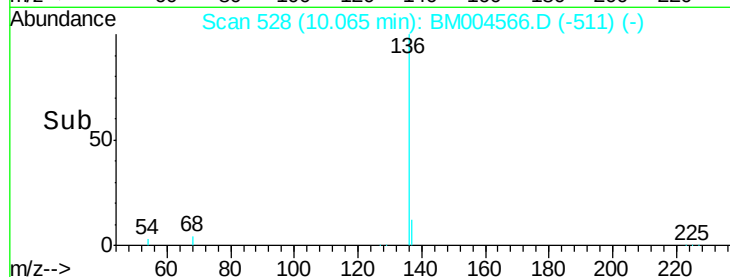


Abundance Ion 136.00 (135.70 to 136.70): E

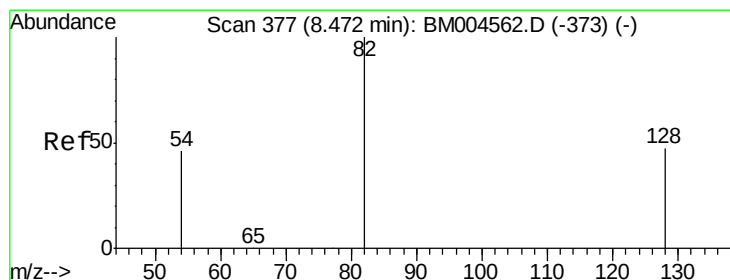
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time--> 9.90 10.00 10.10 10.20



#8

Nitrobenzene-d5

Concen: 0.93 ng

RT: 8.47 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

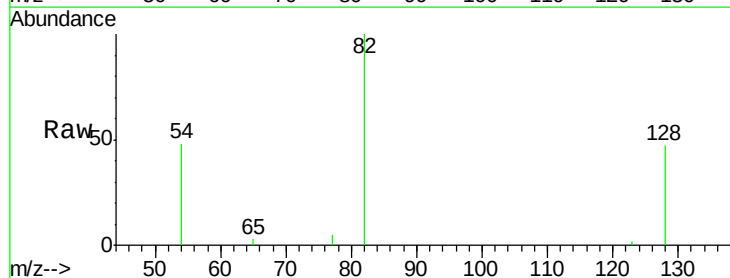
Tgt Ion: 82 Resp: 5853

Ion Ratio Lower Upper

82 100

128 47.4 38.6 58.0

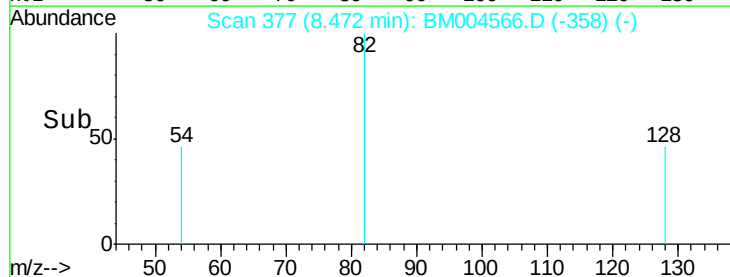
54 47.8 38.5 57.7



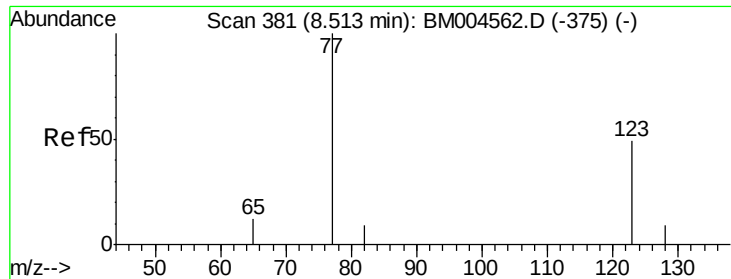
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



Time--> 8.30 8.40 8.50 8.60 8.70



#9

Nitrobenzene

Concen: 0.91 ng

RT: 8.51 min Scan# 381

Delta R.T. -0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

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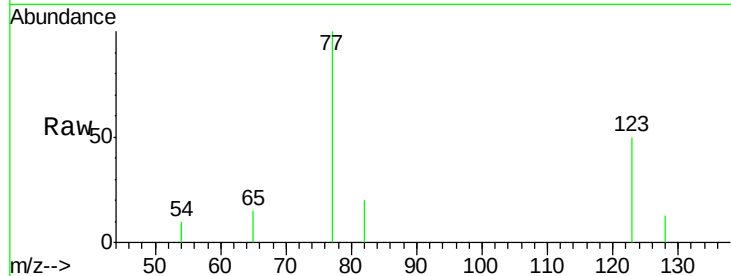
Tgt Ion: 77 Resp: 6390

Ion Ratio Lower Upper

77 100

123 55.6 0.0 0.0#

65 12.2 0.0 0.0#



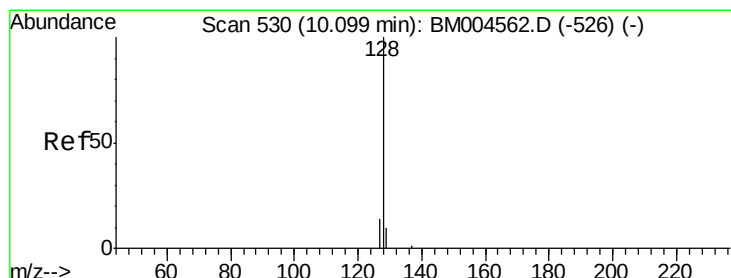
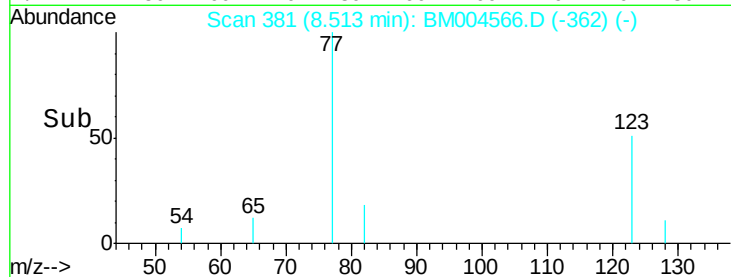
Abundance Ion 77.00 (76.70 to 77.70): BM004566.D (-375) (-)

Ion 123.00 (122.70 to 123.70): BM004566.D (-375) (-)

Ion 65.00 (64.70 to 65.70): BM004566.D (-375) (-)

8.51

Time-->



#10

Naphthalene

Concen: 1.01 ng

RT: 10.10 min Scan# 530

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

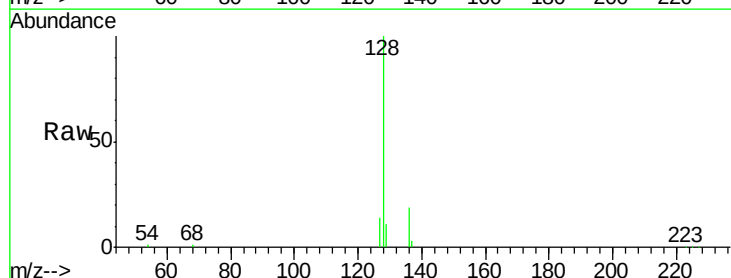
Tgt Ion: 128 Resp: 27200

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.9 11.3 16.9



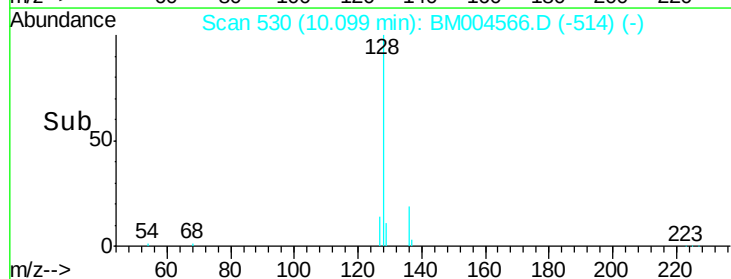
Abundance Ion 128.00 (127.70 to 128.70): BM004566.D (-514) (-)

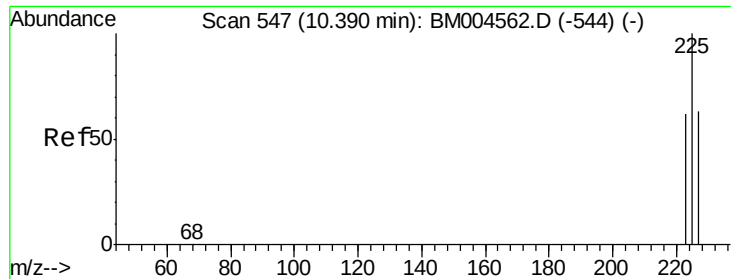
Ion 129.00 (128.70 to 129.70): BM004566.D (-514) (-)

Ion 127.00 (126.70 to 127.70): BM004566.D (-514) (-)

10.10

Time-->

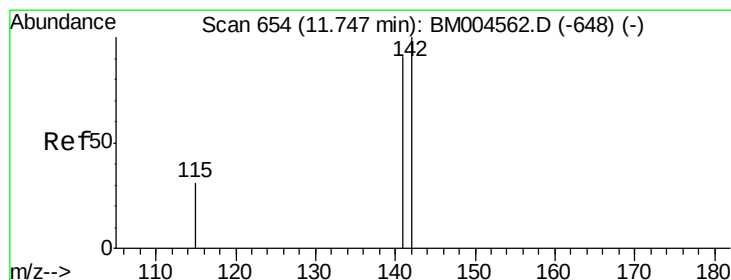
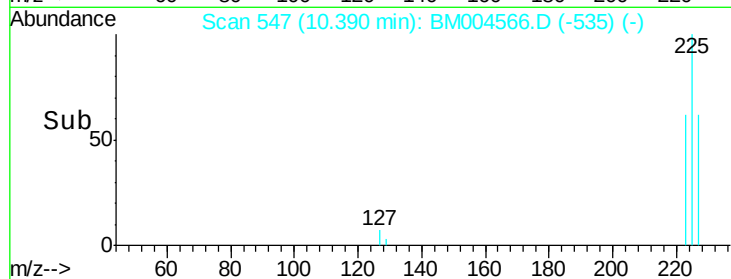
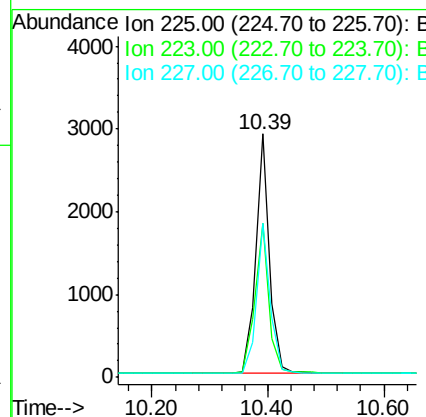
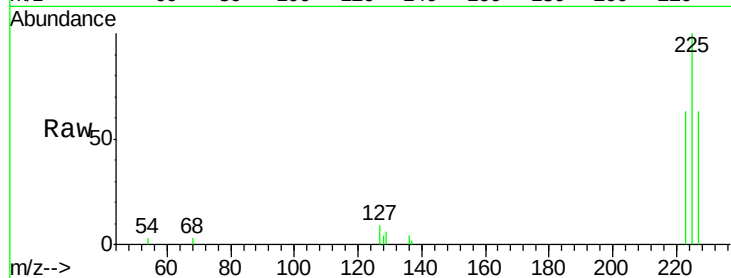




#11
Hexachlorobutadiene
Concen: 0.94 ng
RT: 10.39 min Scan# 547
Delta R.T. -0.00 min
Lab File: BM004566.D
Acq: 05 Mar 2016 21:08

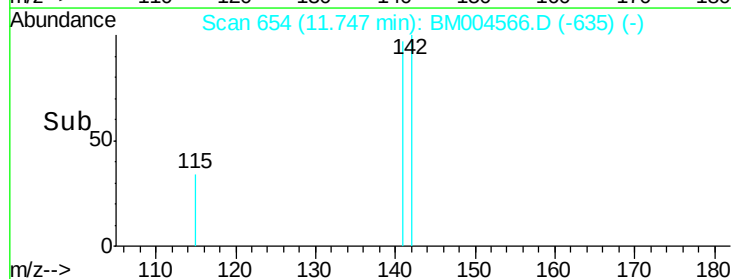
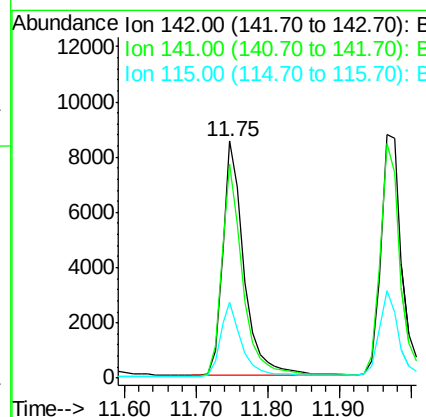
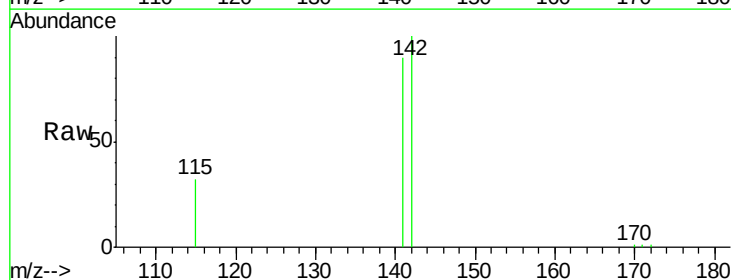
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ICVBM030516

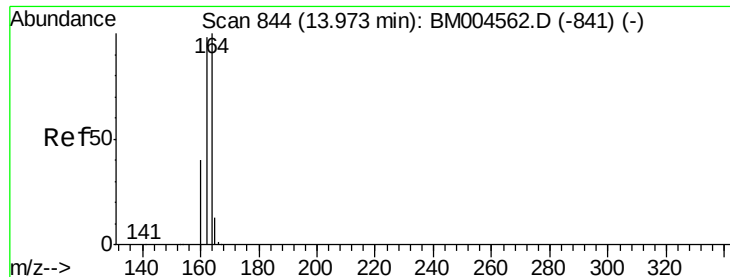
Tgt Ion: 225 Resp: 4806
Ion Ratio Lower Upper
225 100
223 63.5 0.0 0.0#
227 63.2 0.0 0.0#



#12
2-Methylnaphthalene
Concen: 0.94 ng
RT: 11.75 min Scan# 654
Delta R.T. -0.00 min
Lab File: BM004566.D
Acq: 05 Mar 2016 21:08

Tgt Ion: 142 Resp: 17658
Ion Ratio Lower Upper
142 100
141 90.3 72.3 108.5
115 31.9 25.4 38.2





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 13.97 min Scan# 844

Delta R.T. -0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

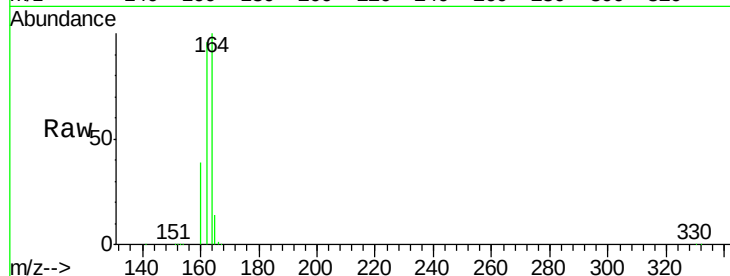
Tgt Ion:164 Resp: 65161

Ion Ratio Lower Upper

164 100

162 96.3 78.2 117.2

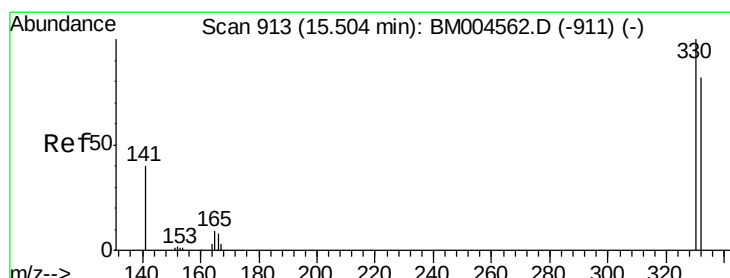
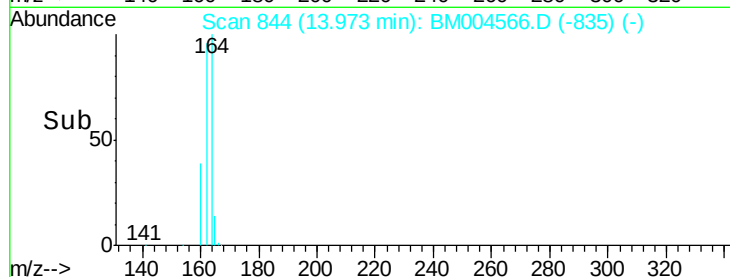
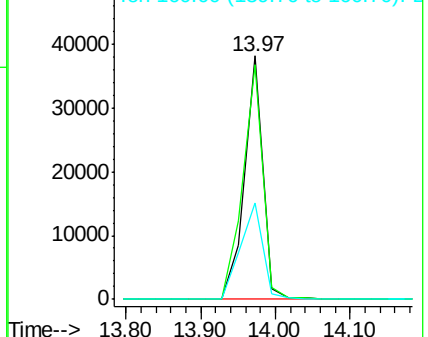
160 39.4 31.9 47.9



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: 0.92 ng

RT: 15.50 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

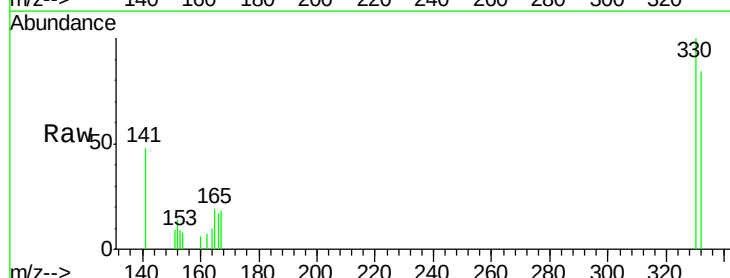
Tgt Ion:330 Resp: 2112

Ion Ratio Lower Upper

330 100

332 94.9 0.0 0.0#

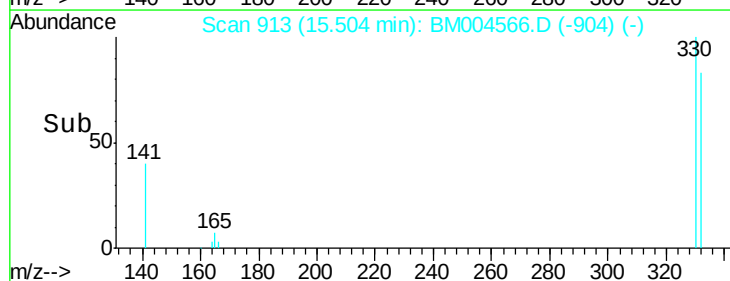
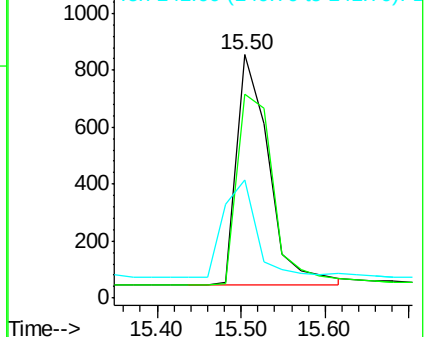
141 44.8 0.0 0.0#

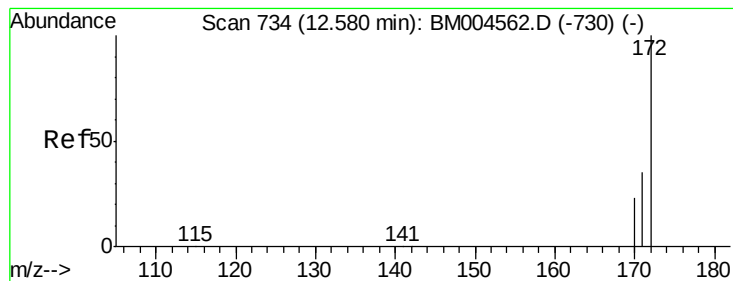


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.00 ng

RT: 12.58 min Scan# 734

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

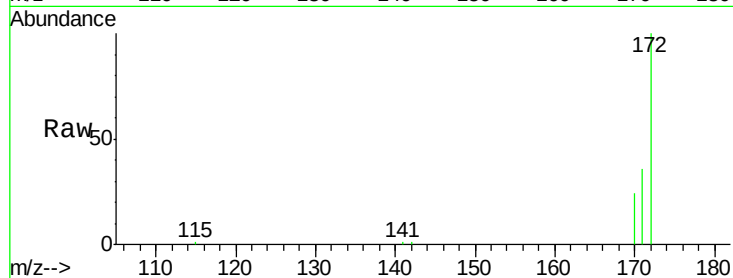
Tgt Ion:172 Resp: 19993

Ion Ratio Lower Upper

172 100

171 36.2 28.6 42.8

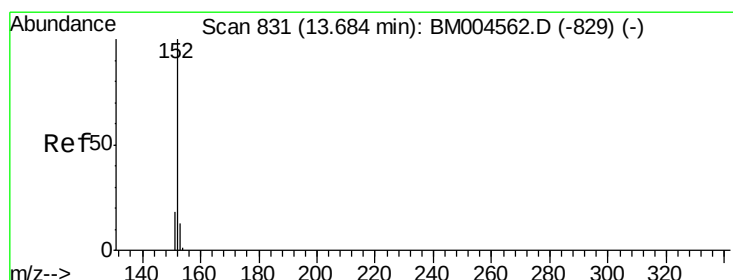
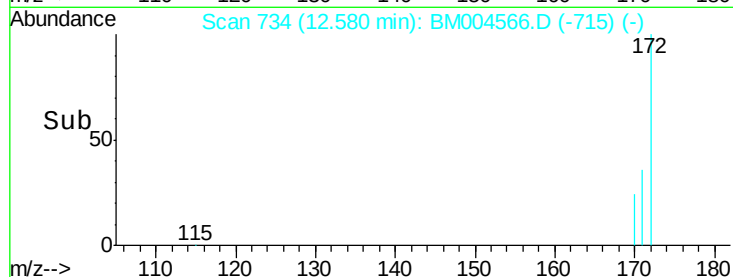
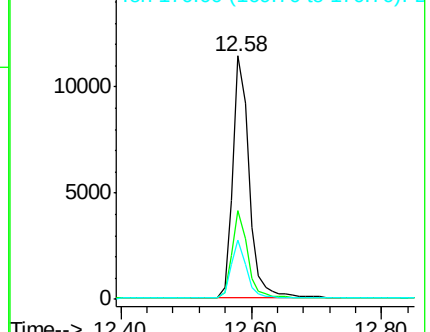
170 24.3 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16

Acenaphthylene

Concen: 0.96 ng

RT: 13.68 min Scan# 831

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

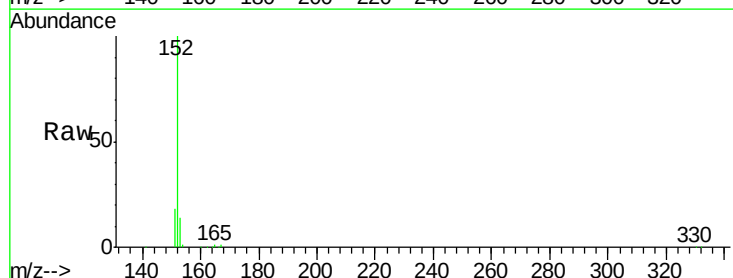
Tgt Ion:152 Resp: 30535

Ion Ratio Lower Upper

152 100

151 19.3 9.2 13.8#

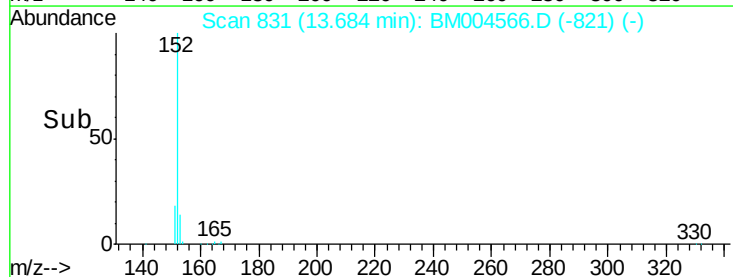
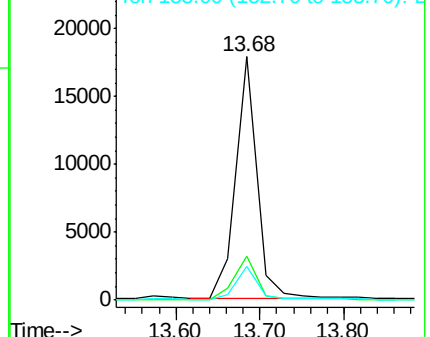
153 13.2 51.4 77.0#

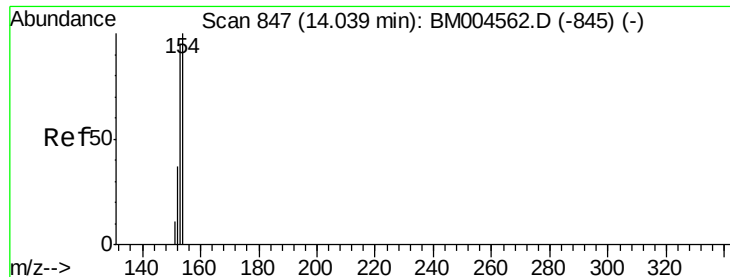


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#17

Acenaphthene

Concen: 1.01 ng

RT: 14.04 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

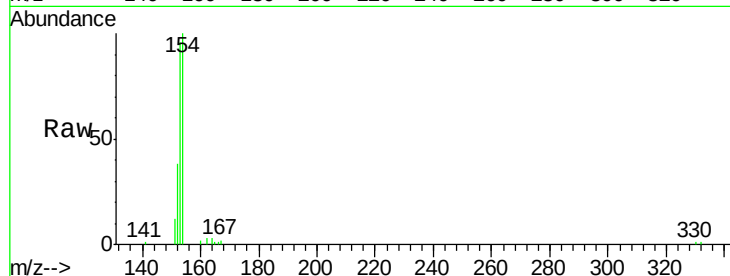
Tgt Ion:154 Resp: 18373

Ion Ratio Lower Upper

154 100

153 0.0 0.0 0.0

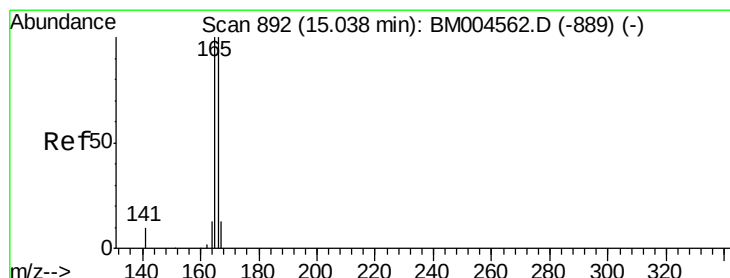
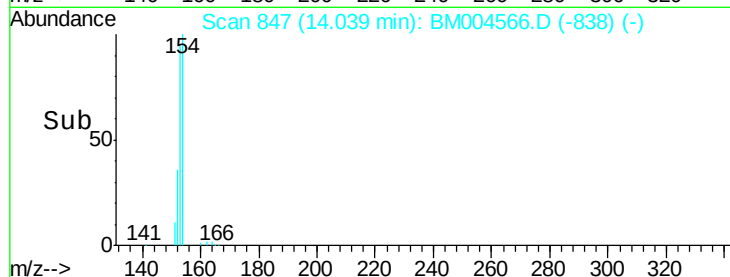
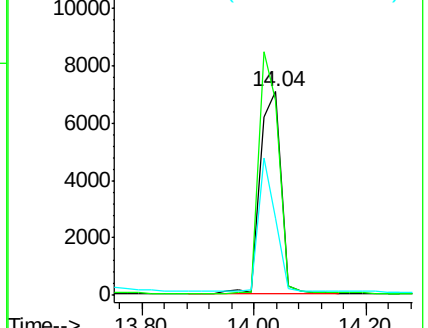
152 0.0 0.2 0.2#



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: 0.98 ng

RT: 15.04 min Scan# 892

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

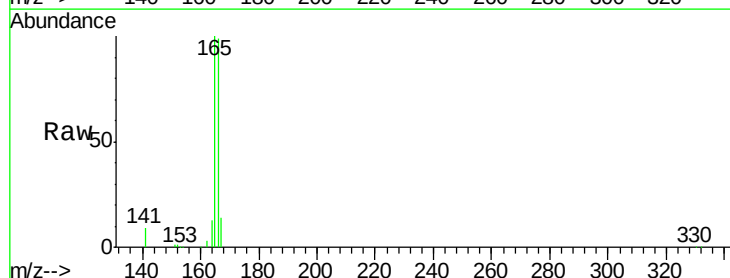
Tgt Ion:166 Resp: 24950

Ion Ratio Lower Upper

166 100

165 99.0 0.0 0.0#

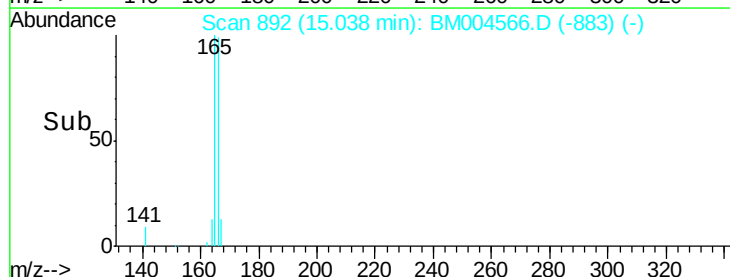
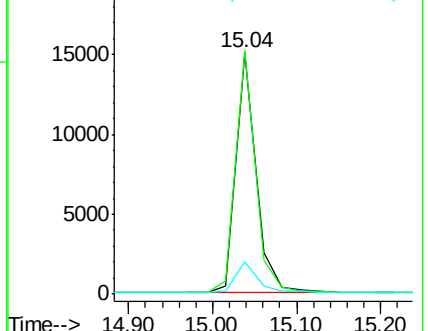
167 13.2 20.0 30.0#

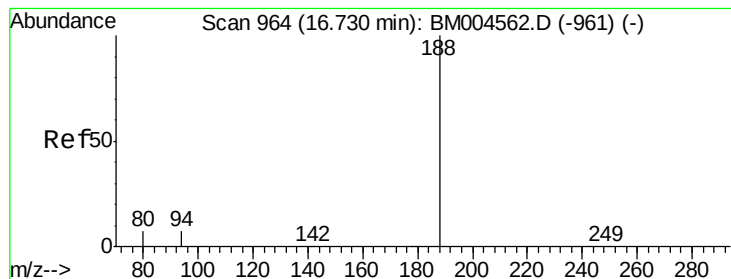


Abundance Ion 166.00 (165.70 to 166.70): E

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: 16.73 min Scan# 964

Delta R.T. -0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

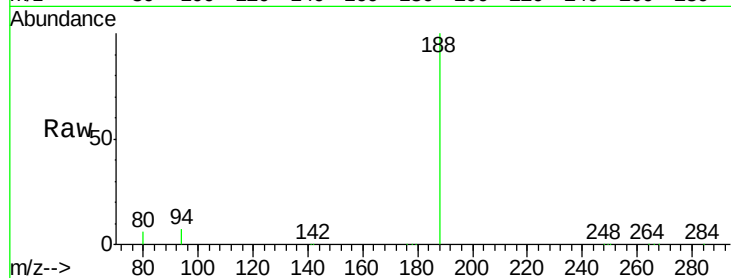
Tgt Ion:188 Resp: 171200

Ion Ratio Lower Upper

188 100

94 6.9 6.0 9.0

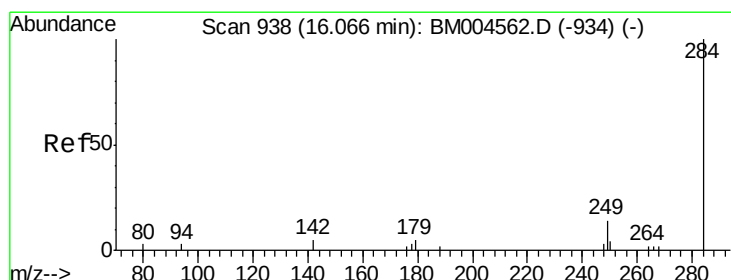
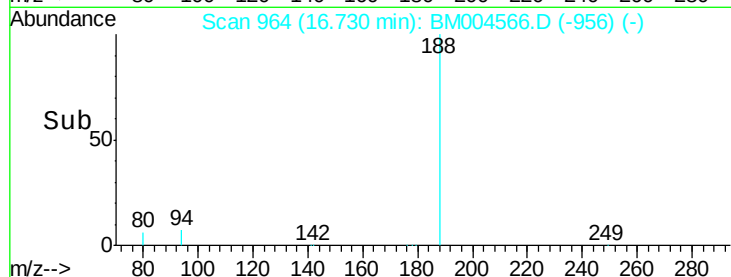
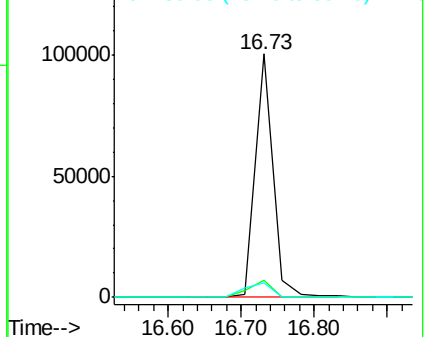
80 6.0 5.3 7.9



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: 0.96 ng

RT: 16.07 min Scan# 938

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

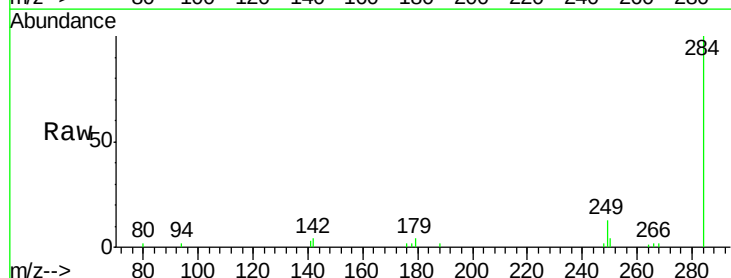
Tgt Ion:284 Resp: 7128

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

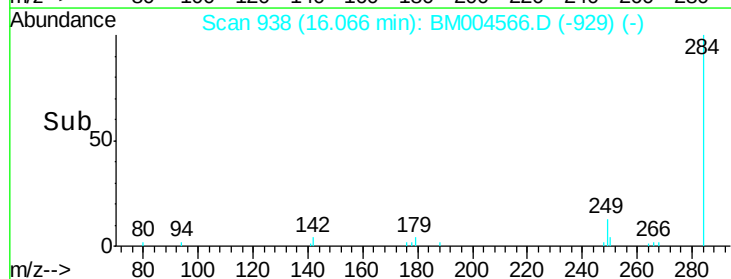
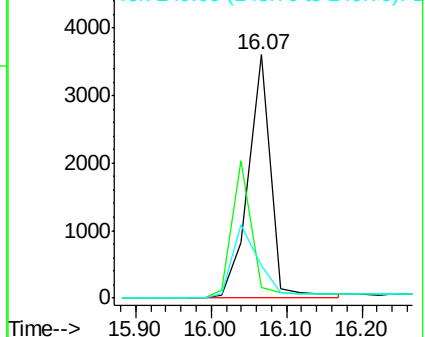
249 0.0 0.0 0.0

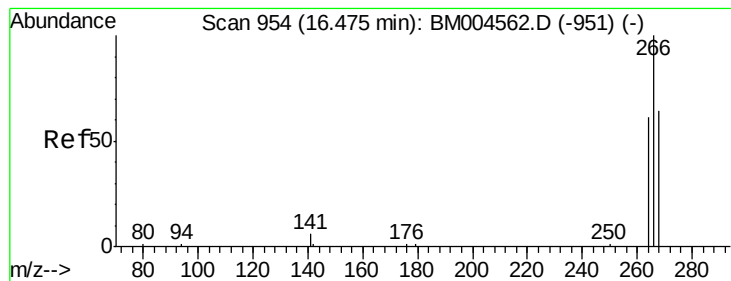


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.74 ng

RT: 16.47 min Scan# 954

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

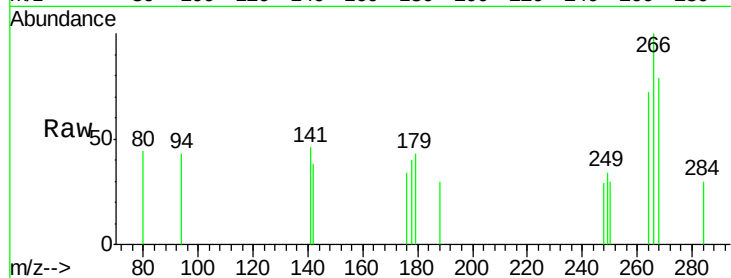
Tgt Ion:266 Resp: 523

Ion Ratio Lower Upper

266 100

268 78.7 62.6 94.0

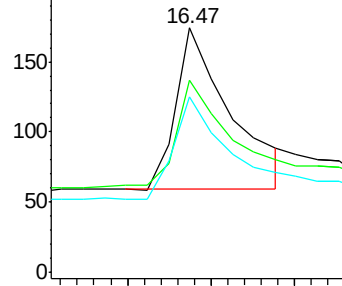
264 71.8 57.4 86.0



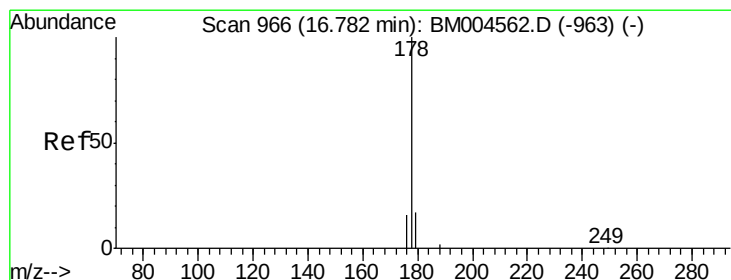
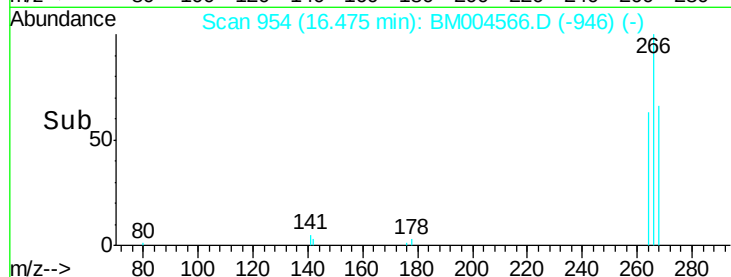
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->



#22

Phenanthrene

Concen: 1.01 ng

RT: 16.78 min Scan# 966

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

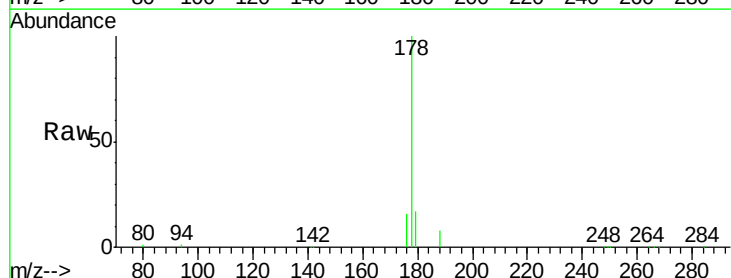
Tgt Ion:178 Resp: 35410

Ion Ratio Lower Upper

178 100

176 18.4 0.0 0.0#

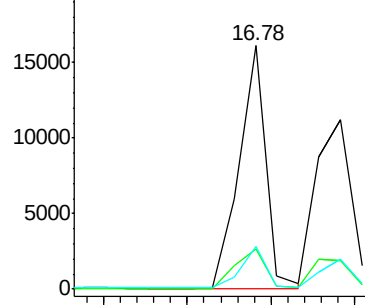
179 16.0 0.0 0.0#



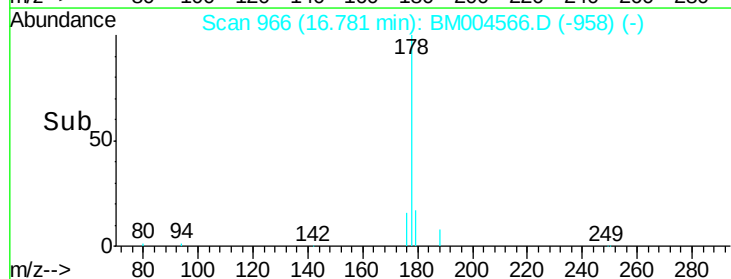
Abundance Ion 178.00 (177.70 to 178.70): E

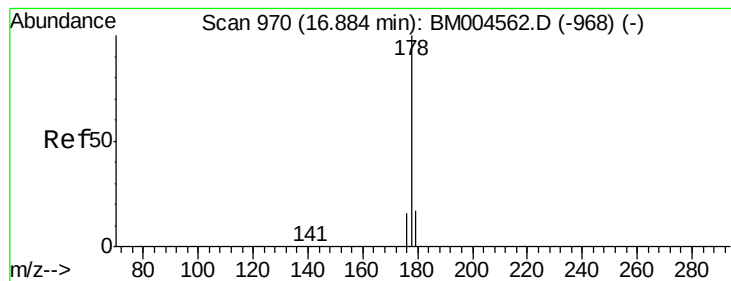
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#23

Anthracene

Concen: 0.93 ng

RT: 16.88 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

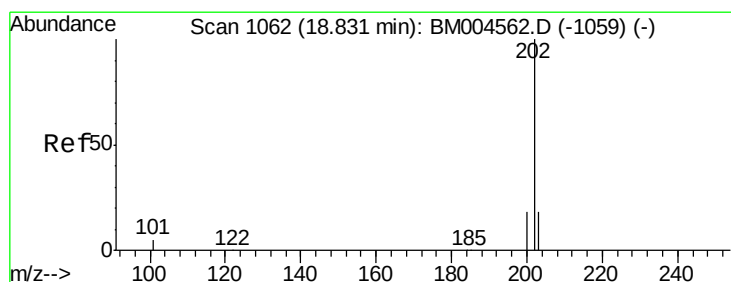
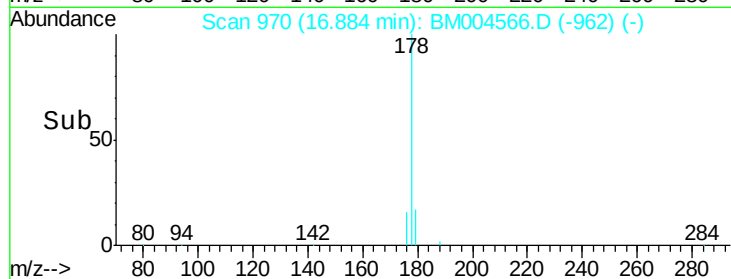
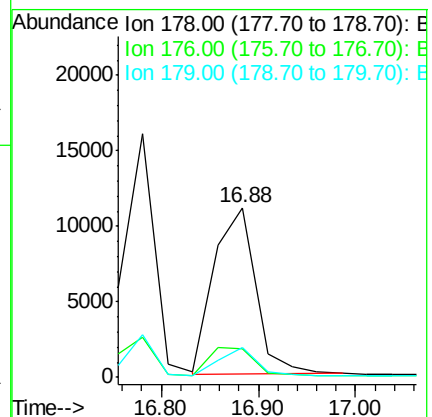
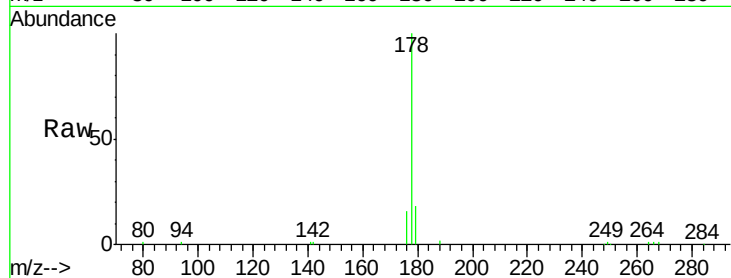
Tgt Ion:178 Resp: 33002

Ion Ratio Lower Upper

178 100

176 0.0 0.0 0.0

179 14.9 0.0 0.0#



#24

Fluoranthene

Concen: 0.96 ng

RT: 18.83 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

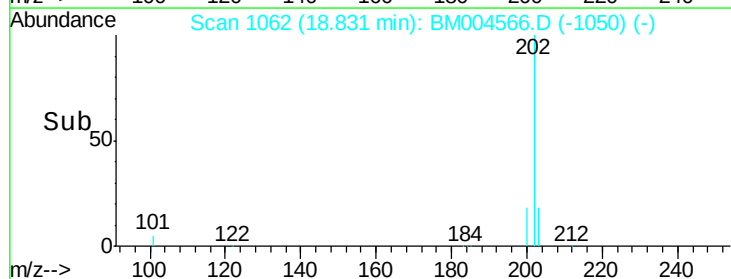
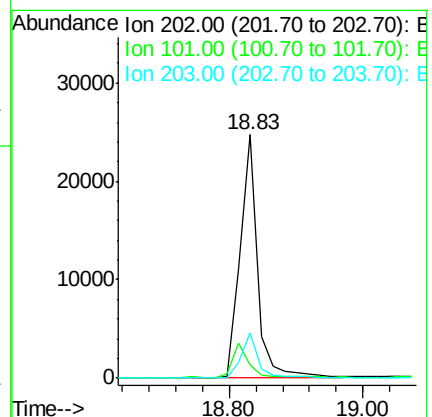
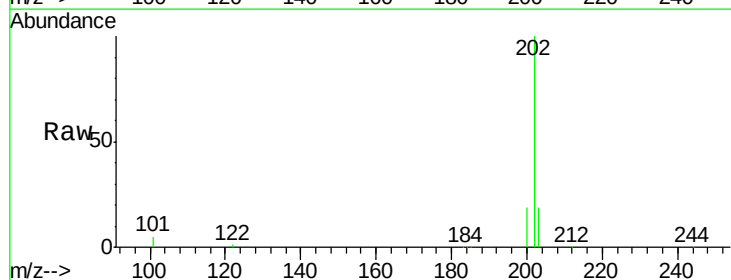
Tgt Ion:202 Resp: 44195

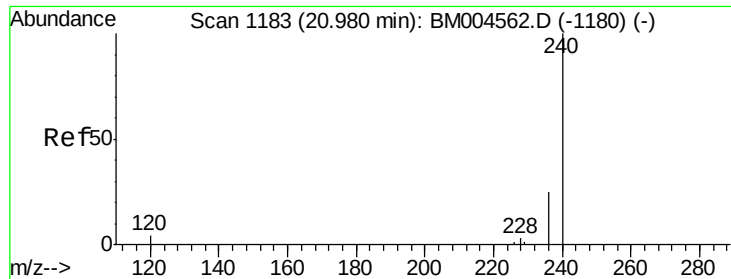
Ion Ratio Lower Upper

202 100

101 13.2 12.2 18.4

203 17.4 14.6 21.8

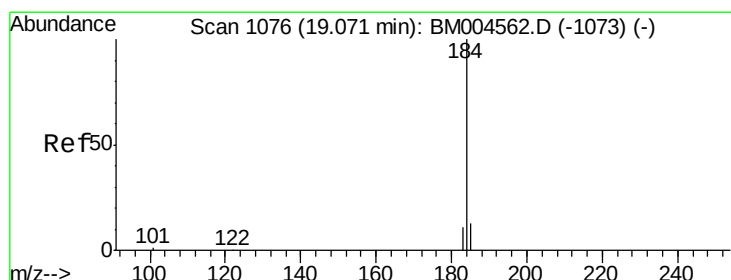
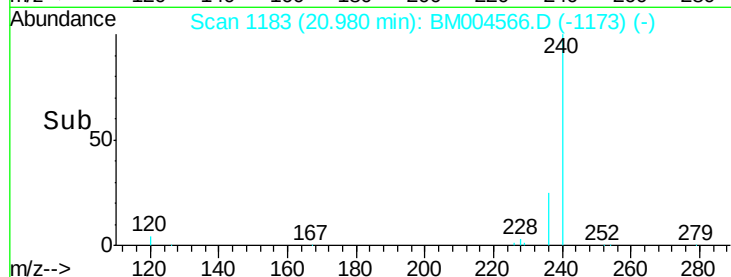
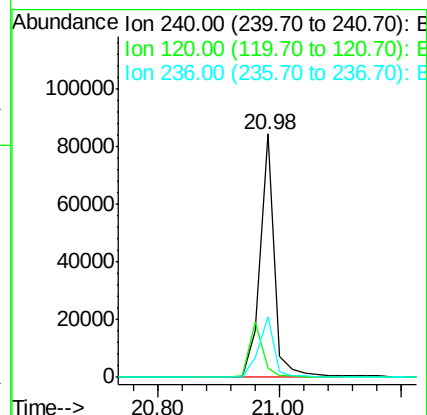
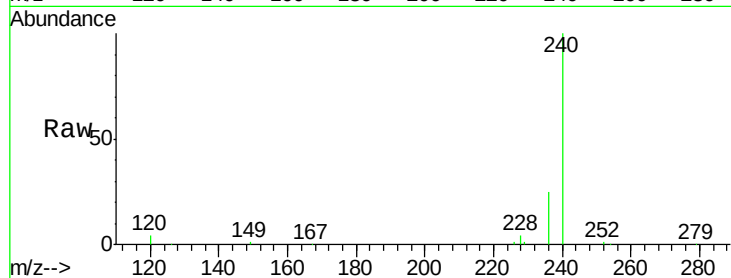




#25
Chrysene-d12
Concen: 5.00 ng
RT: 20.98 min Scan# 1183
Delta R.T. -0.00 min
Lab File: BM004566.D
Acq: 05 Mar 2016 21:08

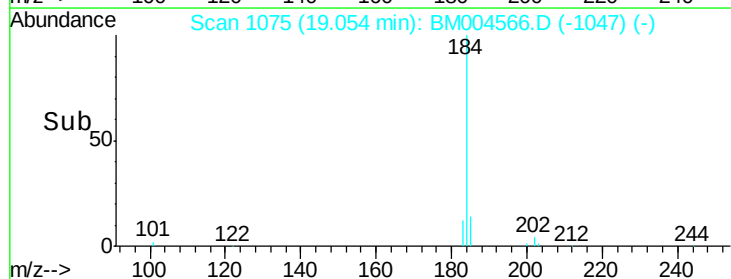
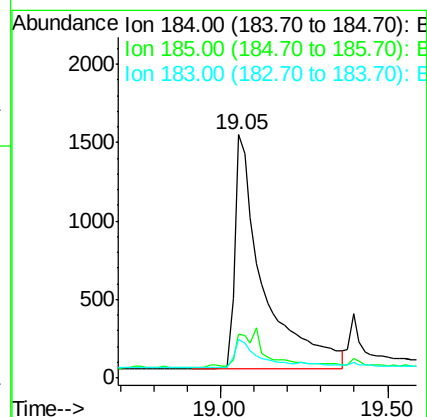
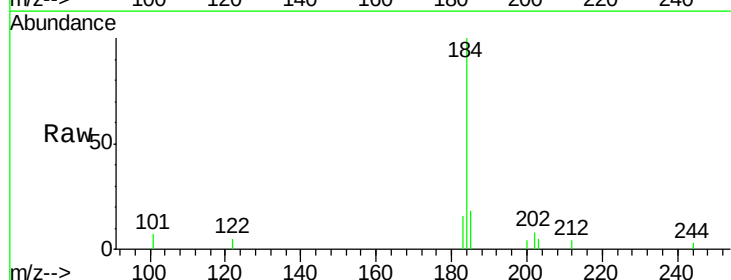
Instrument :
BNA_M
ClientSampleId :
ICVBM030516

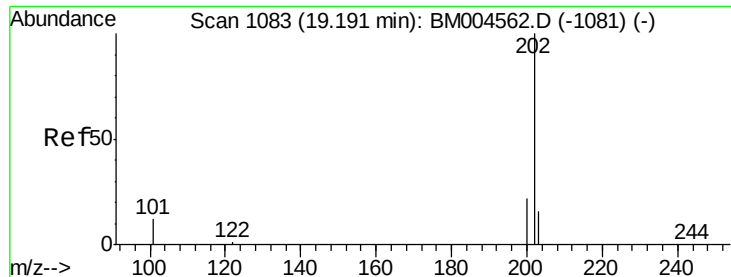
Tgt Ion:240 Resp: 140163
Ion Ratio Lower Upper
240 100
120 4.0 3.5 5.3
236 24.7 20.3 30.5



#26
Benzidine
Concen: 1.25 ng
RT: 19.05 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BM004566.D
Acq: 05 Mar 2016 21:08

Tgt Ion:184 Resp: 8720
Ion Ratio Lower Upper
184 100
185 17.9 19.4 29.0#
183 15.7 16.5 24.7#





#27

Pyrene

Concen: 0.98 ng

RT: 19.19 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

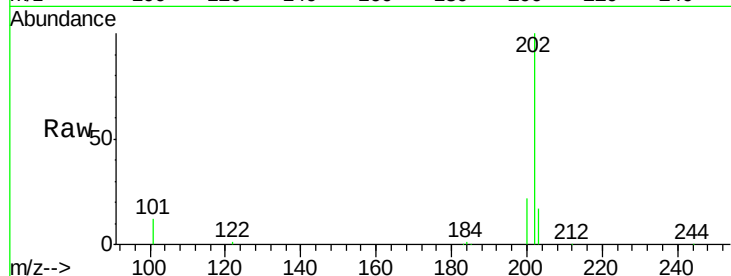
Tgt Ion:202 Resp: 47617

Ion Ratio Lower Upper

202 100

200 20.8 0.2 0.2#

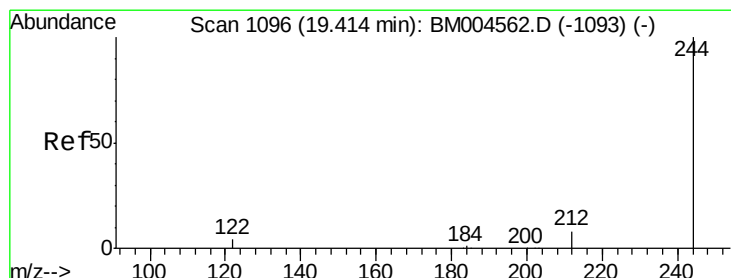
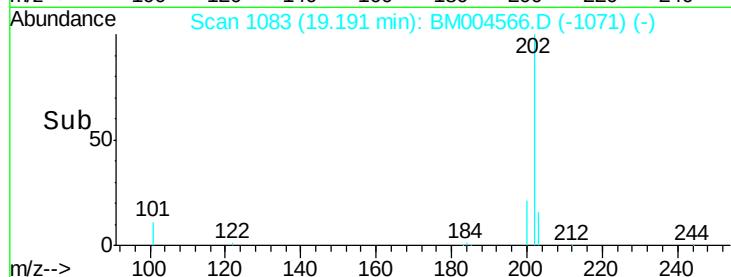
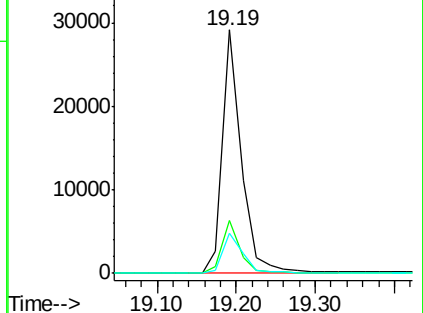
203 17.3 0.0 0.0#



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



#28

Terphenyl-d14

Concen: 0.96 ng

RT: 19.41 min Scan# 1096

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

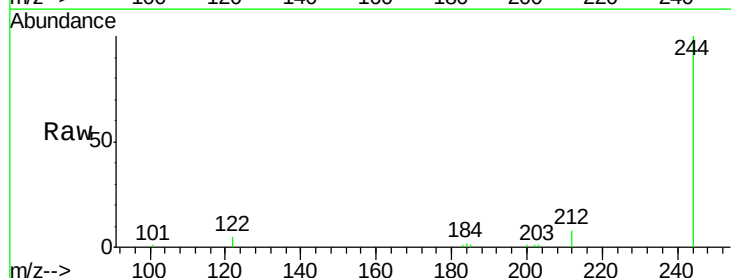
Tgt Ion:244 Resp: 19785

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

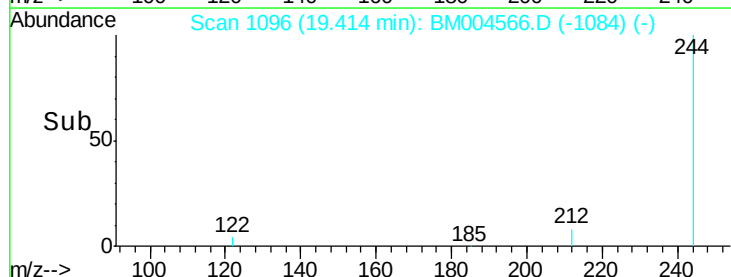
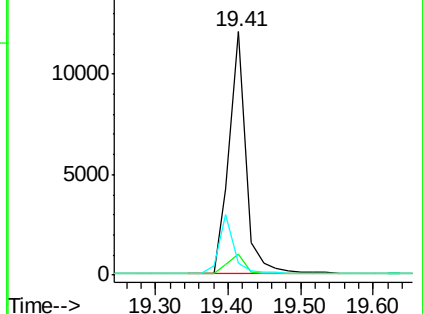
122 4.9 4.2 6.4

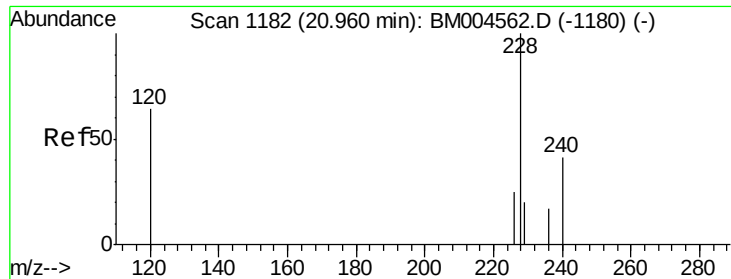


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 1.92 ng

RT: 20.96 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

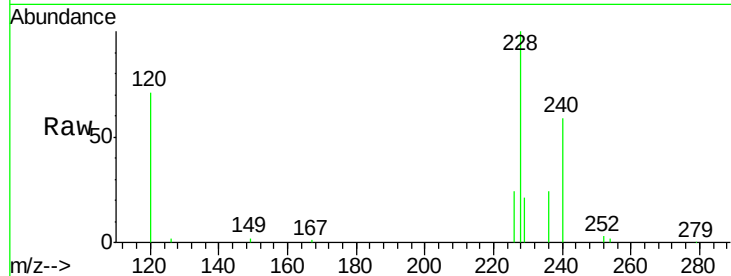
Tgt Ion:228 Resp: 83994

Ion Ratio Lower Upper

228 100

226 24.4 20.3 30.5

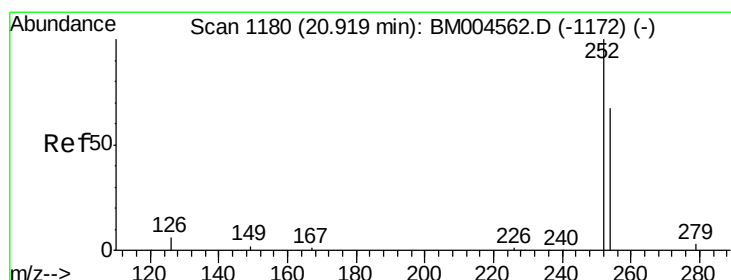
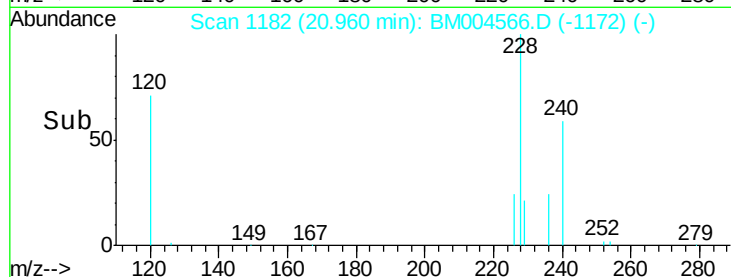
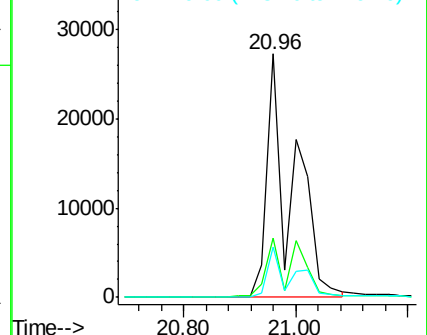
229 20.8 16.3 24.5



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: 0.99 ng

RT: 20.92 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

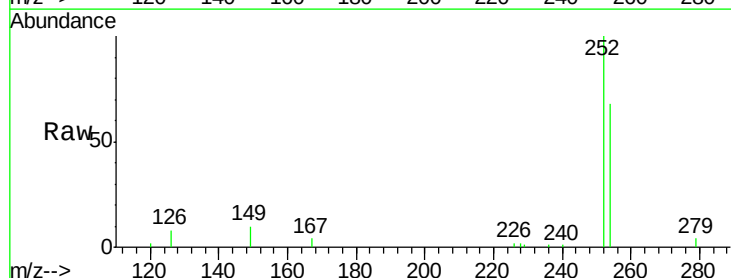
Tgt Ion:252 Resp: 14418

Ion Ratio Lower Upper

252 100

254 67.7 53.9 80.9

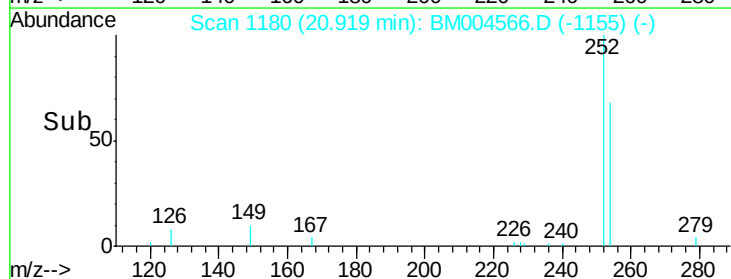
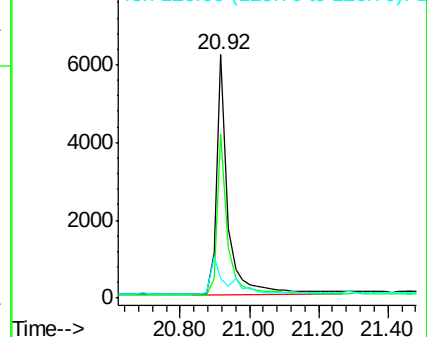
126 8.2 6.9 10.3

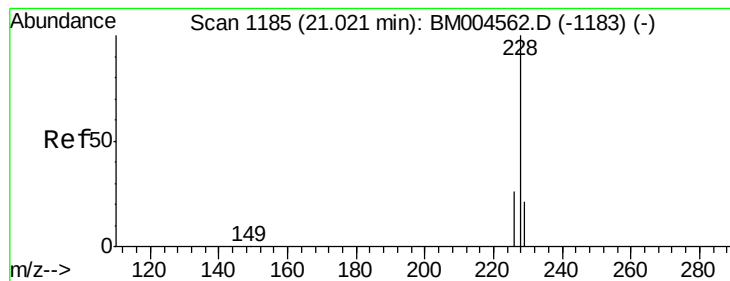


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#31

Chrysene

Concen: 1.95 ng

RT: 20.96 min Scan# 1182

Delta R.T. -0.06 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

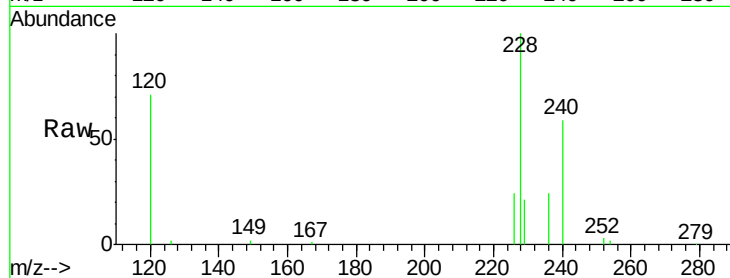
Tgt Ion:228 Resp: 85174

Ion Ratio Lower Upper

228 100

226 24.4 20.3 30.5

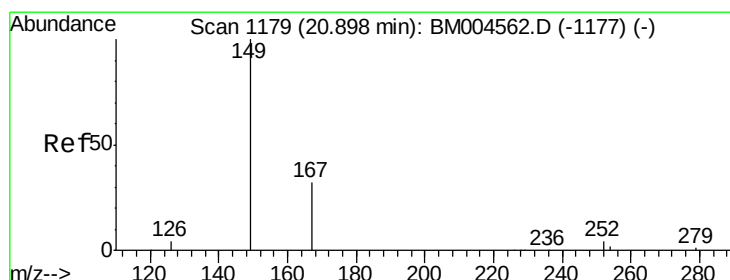
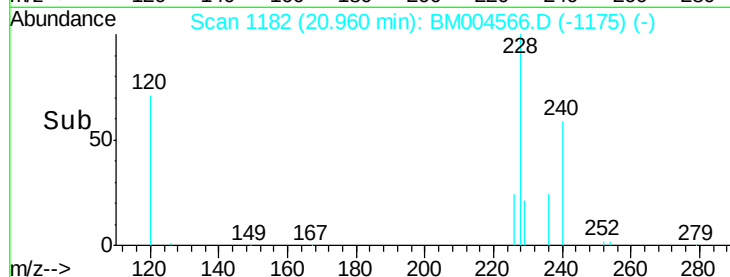
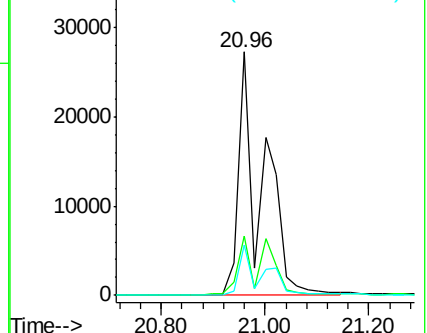
229 20.8 17.8 26.6



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: 0.85 ng

RT: 20.90 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

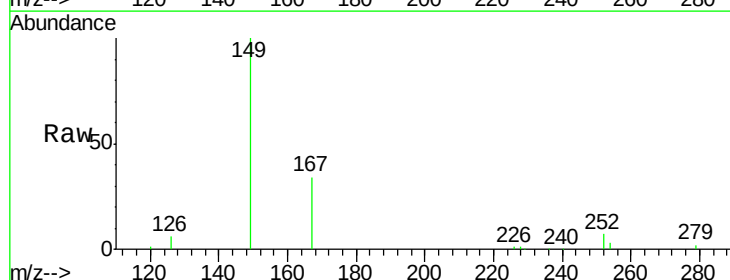
Tgt Ion:149 Resp: 26686

Ion Ratio Lower Upper

149 100

167 30.3 0.6 0.8#

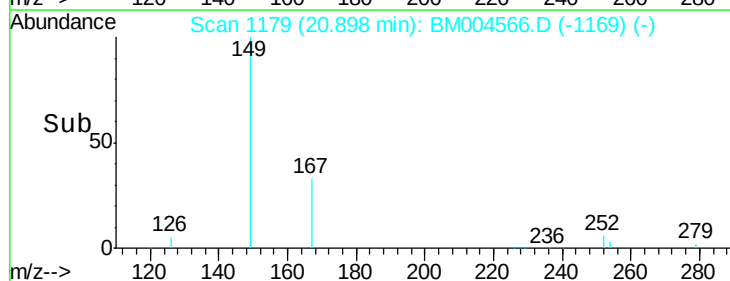
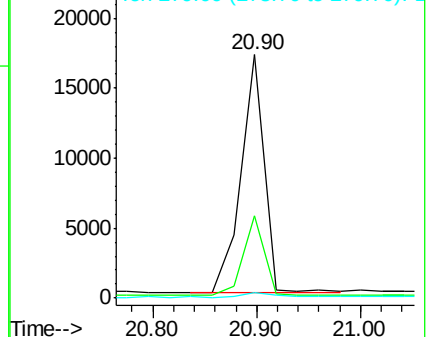
279 2.3 0.0 0.0#

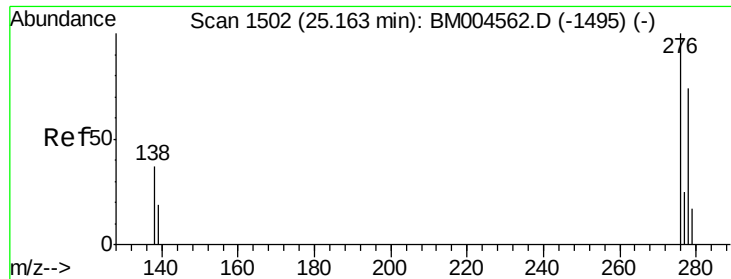


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

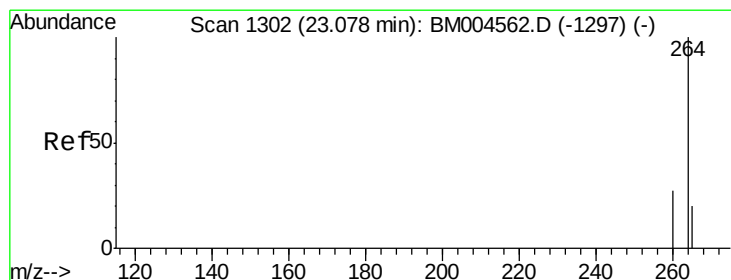
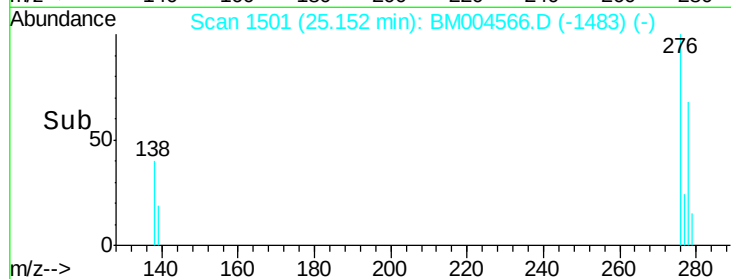
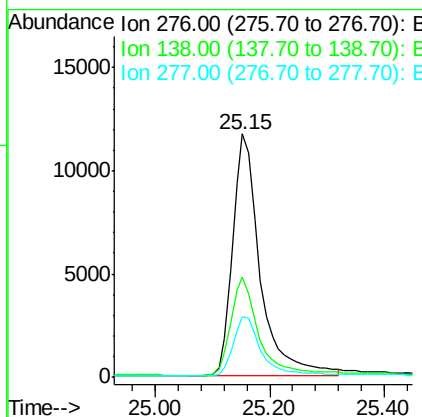
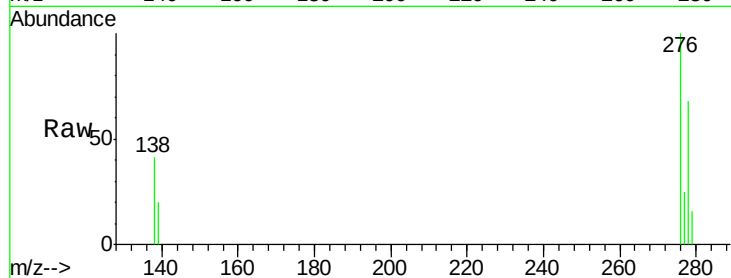




#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.97 ng
 RT: 25.15 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BM004566.D
 Acq: 05 Mar 2016 21:08

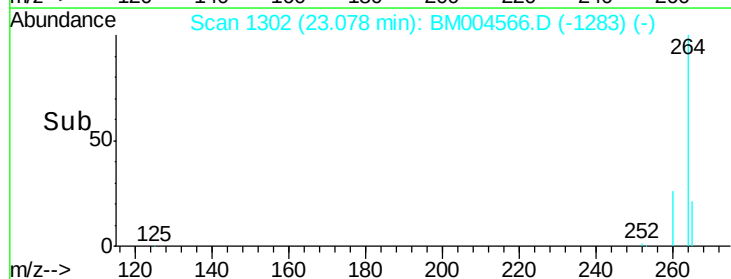
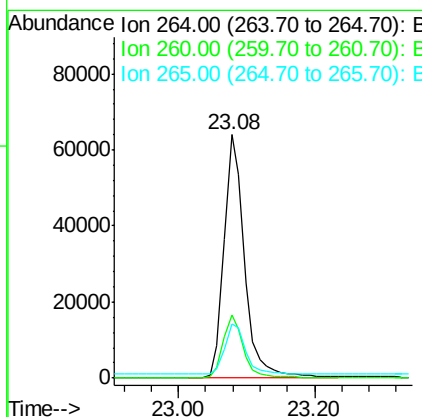
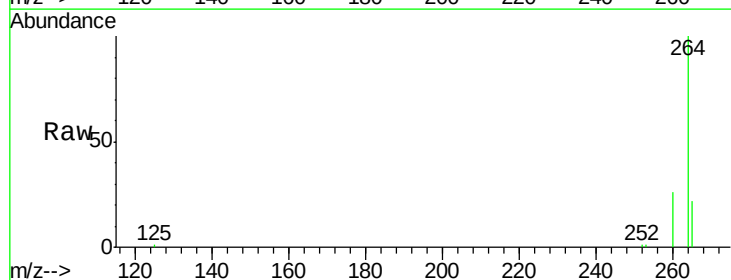
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM030516

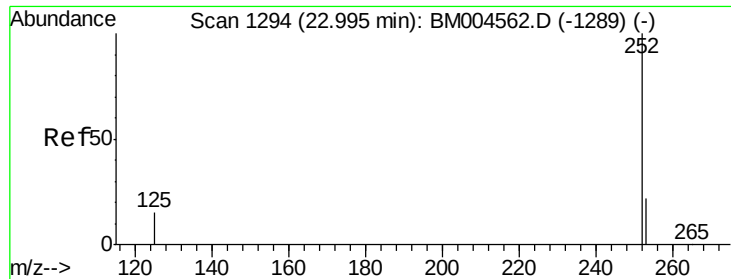
Tgt Ion: 276 Resp: 39383
 Ion Ratio Lower Upper
 276 100
 138 40.6 22.8 34.2#
 277 24.9 15.2 22.8#



#34
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.08 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: BM004566.D
 Acq: 05 Mar 2016 21:08

Tgt Ion: 264 Resp: 133599
 Ion Ratio Lower Upper
 264 100
 260 26.0 21.4 32.2
 265 22.2 17.8 26.8





#35

Benzo(a)pyrene

Concen: 0.94 ng

RT: 22.98 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516

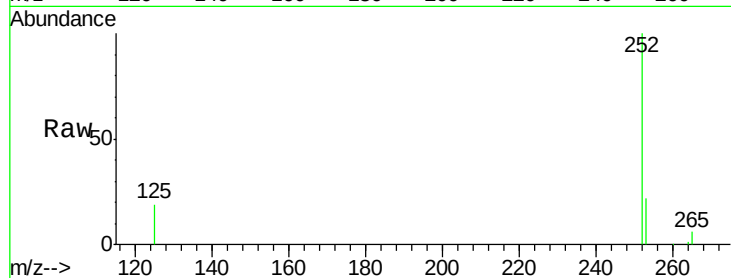
Tgt Ion:252 Resp: 38467

Ion Ratio Lower Upper

252 100

253 21.9 19.0 28.6

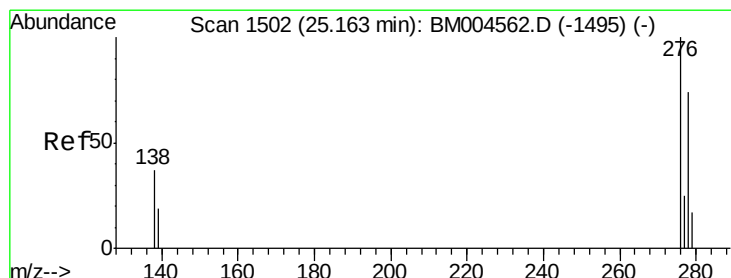
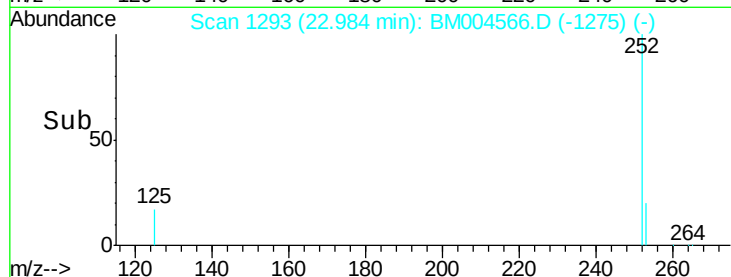
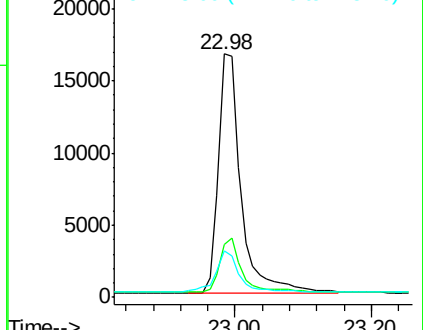
125 18.9 14.4 21.6



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: 0.90 ng

RT: 25.16 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BM004566.D

Acq: 05 Mar 2016 21:08

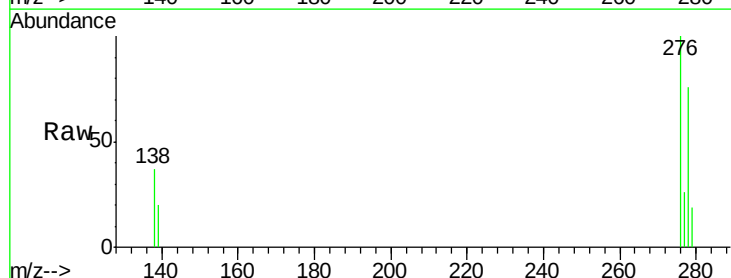
Tgt Ion:278 Resp: 30698

Ion Ratio Lower Upper

278 100

139 26.2 21.7 32.5

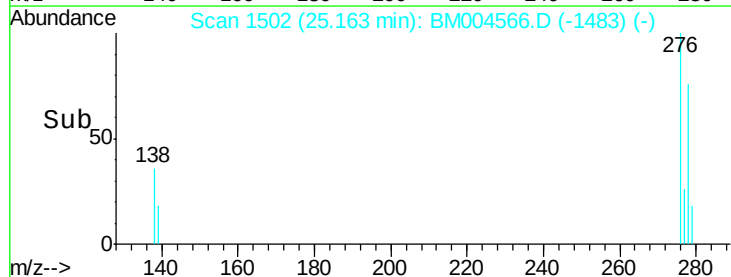
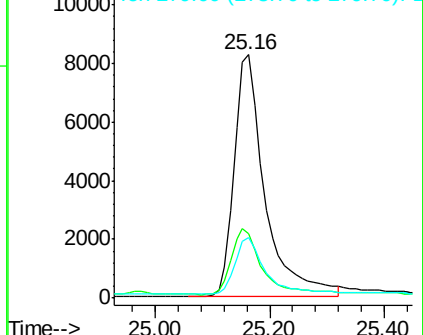
279 24.9 20.2 30.4

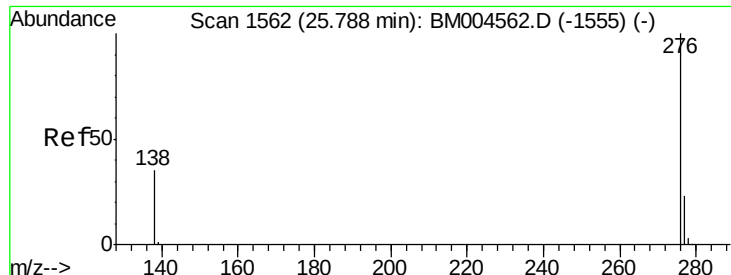


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.90 ng

RT: 25.79 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BM004566.D

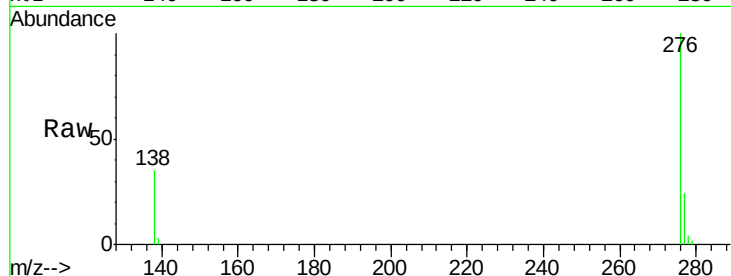
Acq: 05 Mar 2016 21:08

Instrument :

BNA_M

ClientSampleId :

ICVBM030516



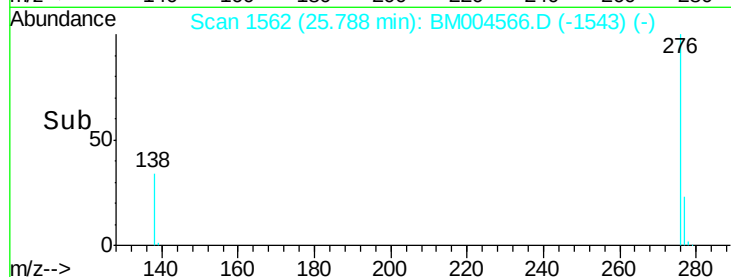
Tgt Ion: 276 Resp: 33943

Ion Ratio Lower Upper

276 100

277 24.0 19.1 28.7

138 34.7 29.3 43.9



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

