

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030516\
 Data File : BM004565.D
 Acq On : 05 Mar 2016 20:32
 Operator : SJ/UM
 Sample : SSTDICC010
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC010

Quant Time: Mar 07 07:24:24 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 07:21:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	26086	5.00	ng	0.00
7) Naphthalene-d8	10.05	136	100701	5.00	ng	-0.02
13) Acenaphthene-d10	13.97	164	53236	5.00	ng	0.00
19) Phenanthrene-d10	16.73	188	135104	5.00	ng	0.00
25) Chrysene-d12	20.98	240	105559	5.00	ng	0.00
34) Perylene-d12	23.08	264	106080	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	4.99	112	62060	11.20	ng	-0.02
5) Phenol-d6	6.59	99	79309	12.41	ng	-0.03
8) Nitrobenzene-d5	8.45	82	58115	12.61	ng	-0.02
14) 2,4,6-Tribromophenol	15.50	330	20139	12.19	ng	0.00
15) 2-Fluorobiphenyl	12.57	172	174112	10.41	ng	-0.01
28) Terphenyl-d14	19.40	244	160507	7.98	ng	-0.02

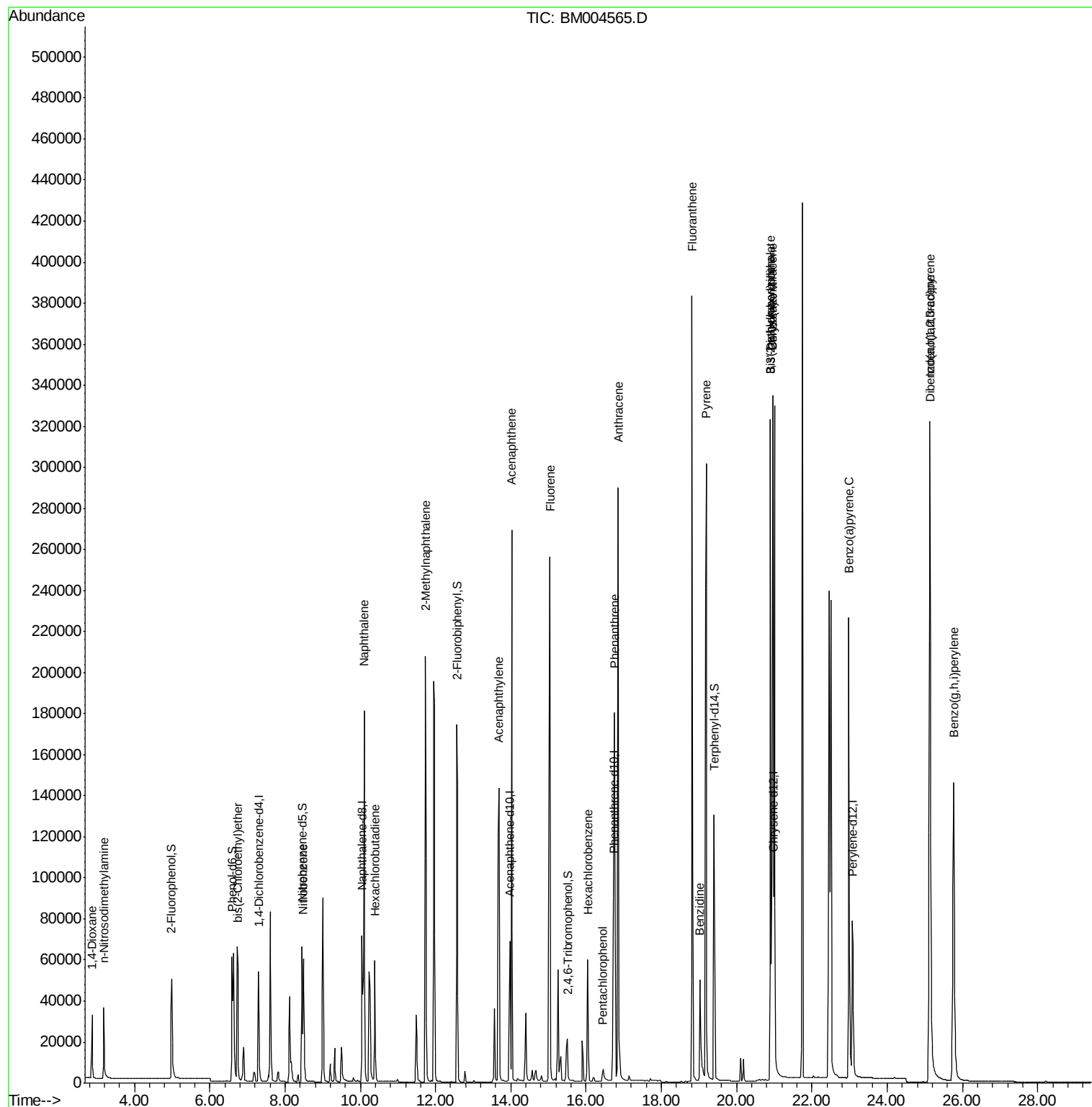
Target Compounds						Qvalue
2) 1,4-Dioxane	2.87	88	24404	8.55	ng	# 100
3) n-Nitrosodimethylamine	3.18	42	19704	10.74	ng	# 100
6) bis(2-Chloroethyl)ether	6.75	93	62209	10.36	ng	# 12
9) Nitrobenzene	8.49	77	65803	12.94	ng	# 100
10) Naphthalene	10.10	128	228564	9.51	ng	98
11) Hexachlorobutadiene	10.39	225	41708	10.14	ng	# 100
12) 2-Methylnaphthalene	11.74	142	159029	10.91	ng	95
16) Acenaphthylene	13.68	152	268883	10.76	ng	# 40
17) Acenaphthene	14.02	154	159507	10.07	ng	# 57
18) Fluorene	15.04	166	206411	10.71	ng	# 77
20) Hexachlorobenzene	16.04	284	51772	8.68	ng	# 100
21) Pentachlorophenol	16.45	266	9555	11.35	ng	87
22) Phenanthrene	16.76	178	283271	8.65	ng	# 100
23) Anthracene	16.86	178	364169	12.19	ng	# 100
24) Fluoranthene	18.81	202	377179	8.77	ng	96
26) Benzidine	19.02	184	124316	14.94	ng	# 80
27) Pyrene	19.19	202	386159	9.43	ng	# 84
29) Benzo(a)anthracene	20.96	228	324883	9.14	ng	94
30) 3,3'-Dichlorobenzidine	20.90	252	137406	13.53	ng	# 83
31) Chrysene	20.96	228	324848	7.54	ng	96
32) Bis(2-ethylhexyl)phthalate	20.90	149	241551	10.87	ng	# 43
33) Indeno(1,2,3-cd)pyrene	25.13	276	342018	11.10	ng	# 81
35) Benzo(a)pyrene	22.98	252	317464	10.04	ng	95
36) Dibenzo(a,h)anthracene	25.14	278	269592	10.31	ng	97
37) Benzo(g,h,i)perylene	25.77	276	290106	9.84	ng	96

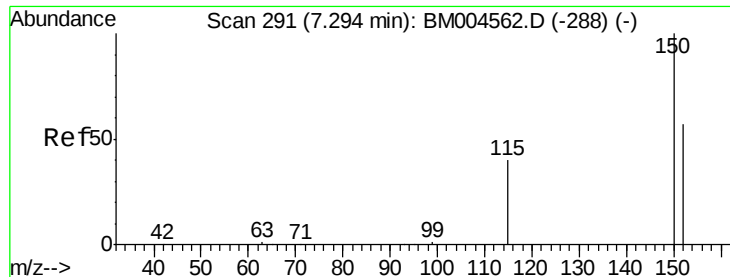
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.29 min Scan# 291

Delta R.T. 0.00 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

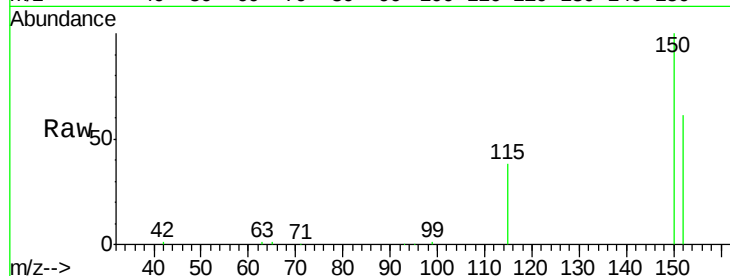
Tgt Ion:152 Resp: 26086

Ion Ratio Lower Upper

152 100

150 163.9 140.1 210.1

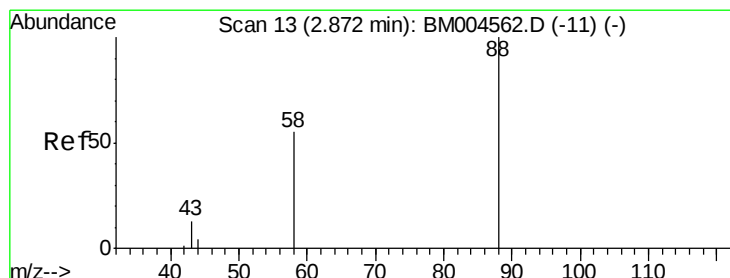
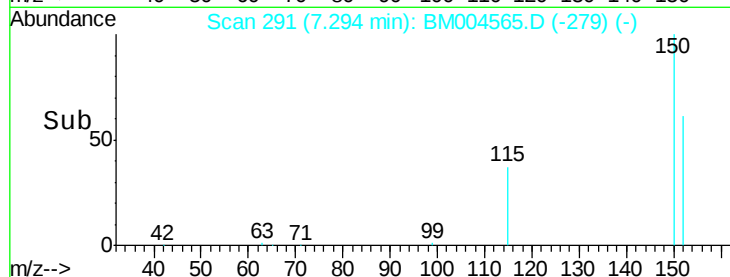
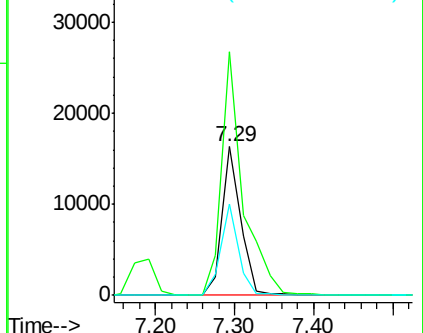
115 61.7 56.1 84.1



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: 8.55 ng

RT: 2.87 min Scan# 13

Delta R.T. 0.00 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

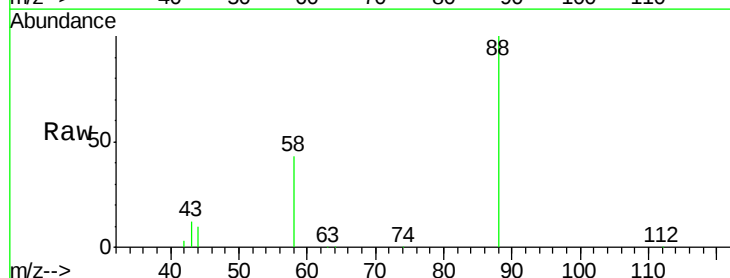
Tgt Ion: 88 Resp: 24404

Ion Ratio Lower Upper

88 100

58 62.3 0.0 0.0#

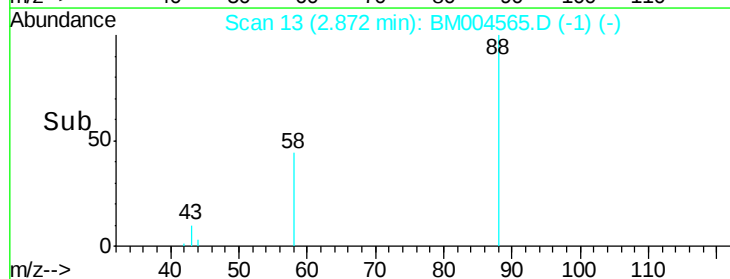
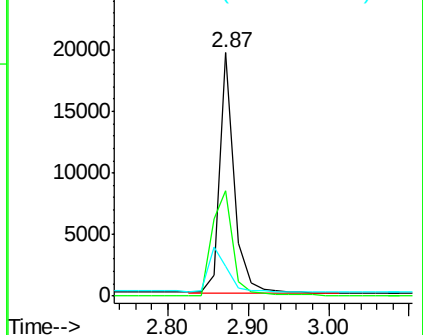
43 23.7 0.0 0.0#

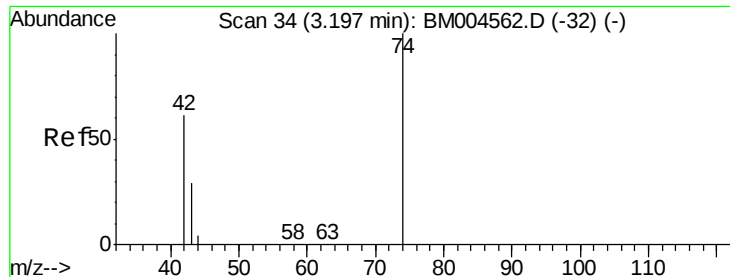


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 10.74 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.02 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

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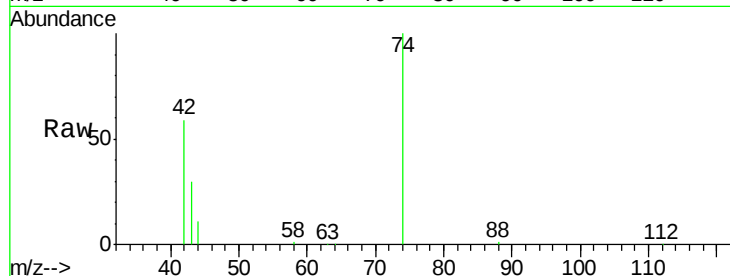
Tgt Ion: 42 Resp: 19704

Ion Ratio Lower Upper

42 100

74 171.8 0.0 0.0#

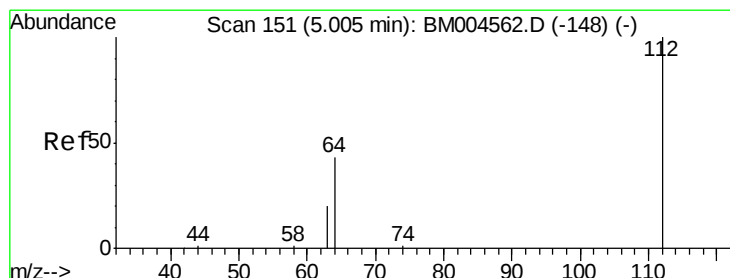
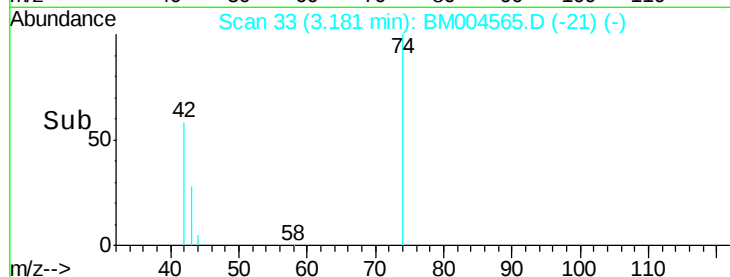
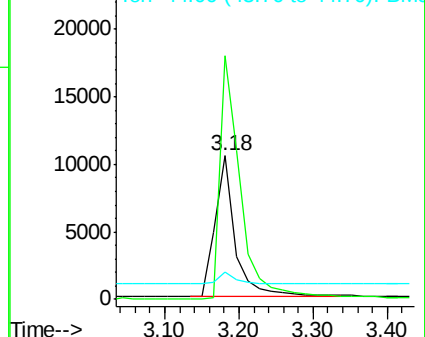
44 6.9 0.0 0.0#



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: 11.20 ng

RT: 4.99 min Scan# 150

Delta R.T. -0.02 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

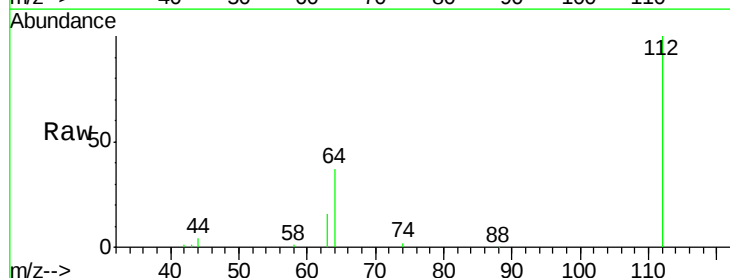
Tgt Ion: 112 Resp: 62060

Ion Ratio Lower Upper

112 100

64 47.5 0.0 0.0#

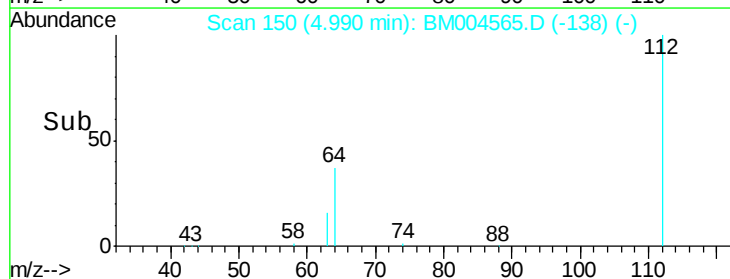
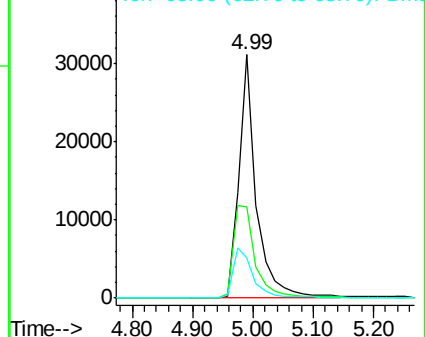
63 23.2 0.0 0.0#

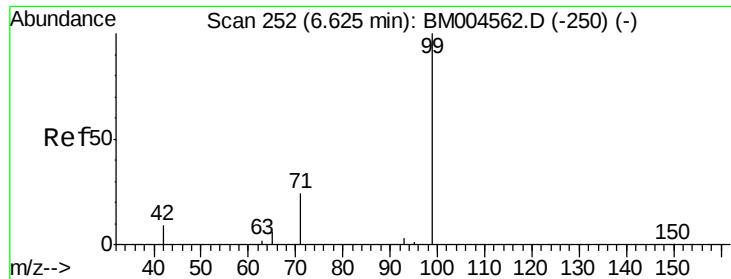


Abundance Ion 112.00 (111.70 to 112.70): BM004562.D (-148) (-)

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: 12.41 ng

RT: 6.59 min Scan# 250

Delta R.T. -0.03 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

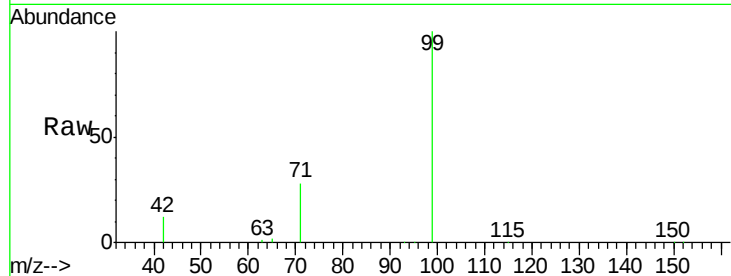
Tgt Ion: 99 Resp: 79309

Ion Ratio Lower Upper

99 100

42 15.1 0.0 0.0#

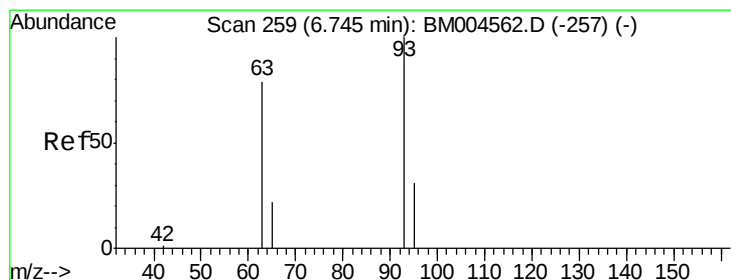
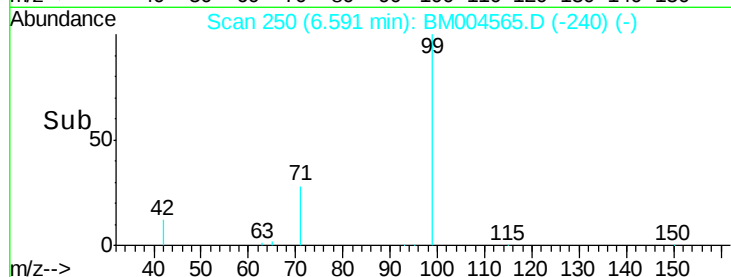
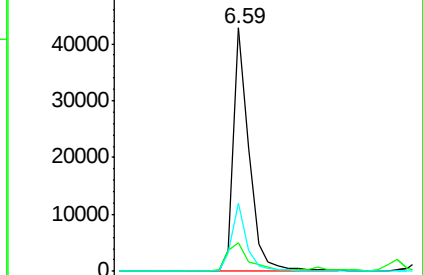
71 26.9 0.2 0.2#



Abundance Ion 99.00 (98.70 to 99.70): BM004565.D (-250) (-)

Ion 42.00 (41.70 to 42.70): BM004565.D (-250) (-)

Ion 71.00 (70.70 to 71.70): BM004565.D (-250) (-)



#6

bis(2-Chloroethyl)ether

Concen: 10.36 ng

RT: 6.75 min Scan# 259

Delta R.T. 0.00 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

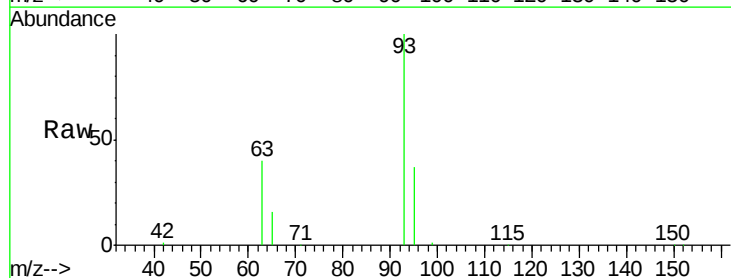
Tgt Ion: 93 Resp: 62209

Ion Ratio Lower Upper

93 100

63 66.2 18.7 28.1#

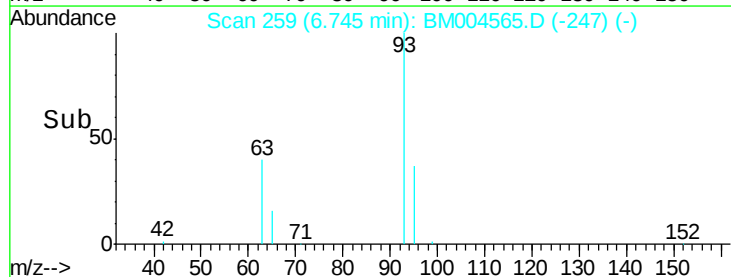
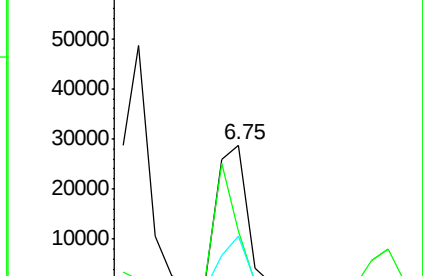
95 31.8 0.0 0.0#

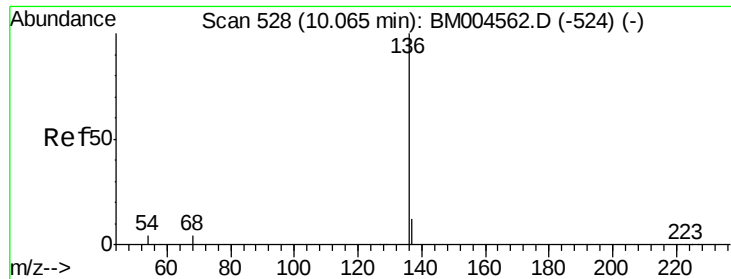


Abundance Ion 93.00 (92.70 to 93.70): BM004565.D (-257) (-)

Ion 63.00 (62.70 to 63.70): BM004565.D (-257) (-)

Ion 95.00 (94.70 to 95.70): BM004565.D (-257) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.05 min Scan# 527

Delta R.T. -0.02 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

Tgt Ion:136 Resp: 100701

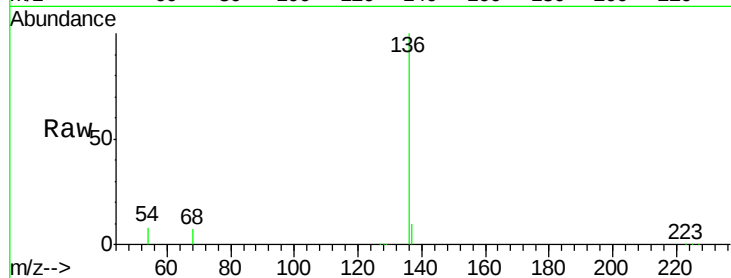
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 7.5 3.0 4.4#

68 6.5 2.9 4.3#

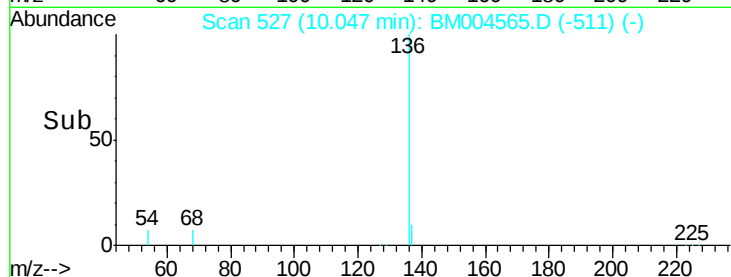


Abundance Ion 136.00 (135.70 to 136.70): E

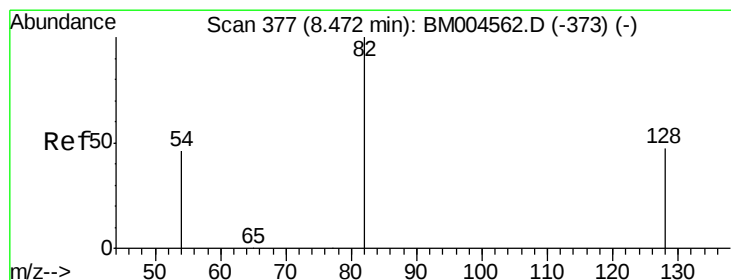
Ion 137.00 (136.70 to 137.70): E

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: 12.61 ng

RT: 8.45 min Scan# 375

Delta R.T. -0.02 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

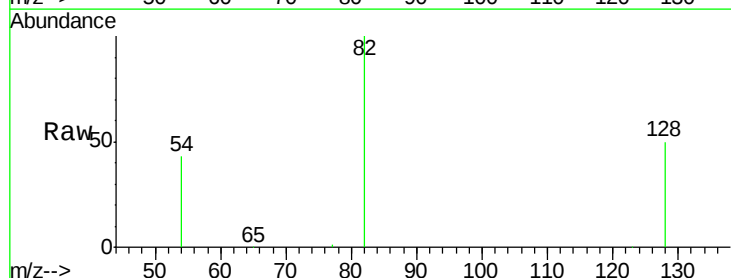
Tgt Ion: 82 Resp: 58115

Ion Ratio Lower Upper

82 100

128 49.8 38.6 58.0

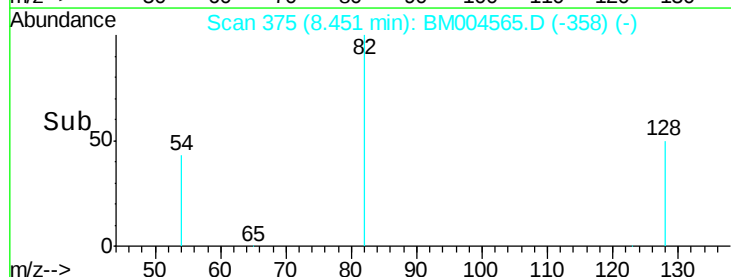
54 43.1 38.5 57.7



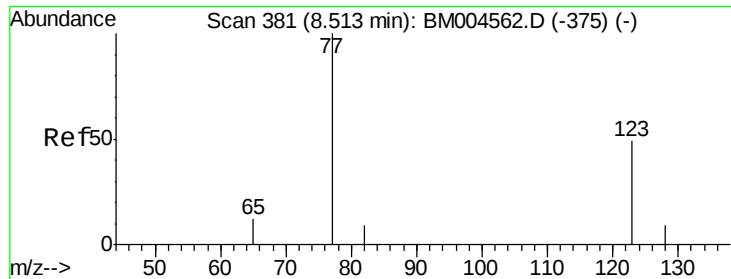
Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM



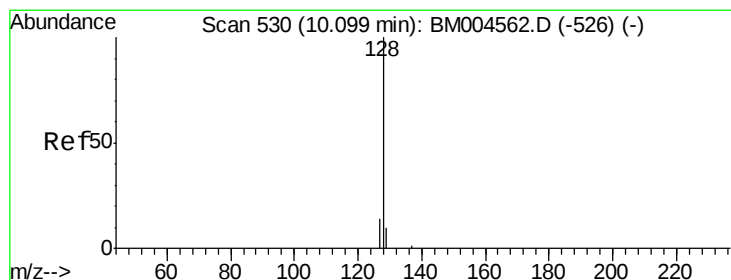
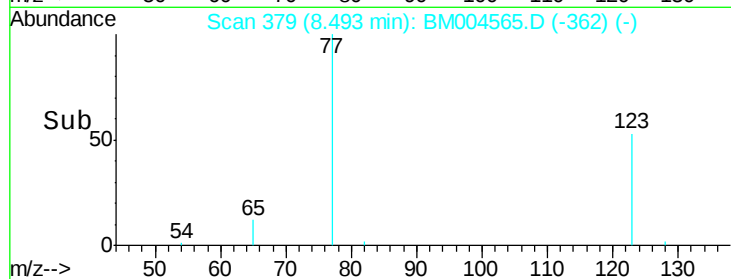
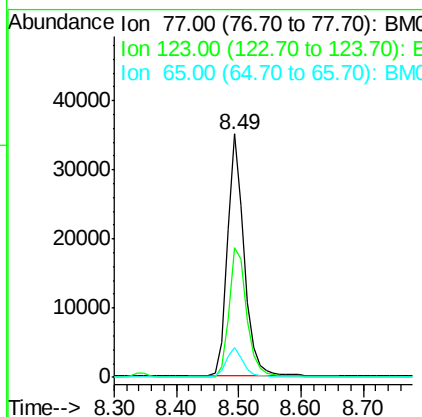
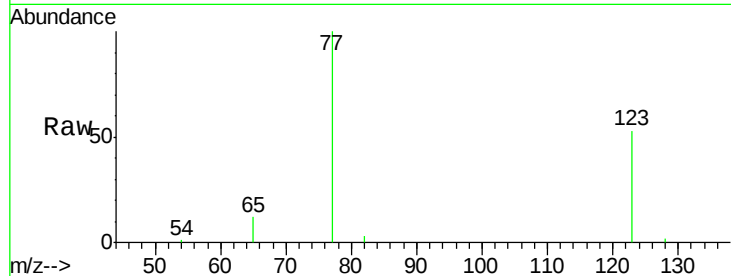
Time--> 8.30 8.40 8.50 8.60



#9
 Nitrobenzene
 Concen: 12.94 ng
 RT: 8.49 min Scan# 379
 Delta R.T. -0.02 min
 Lab File: BM004565.D
 Acq: 05 Mar 2016 20:32

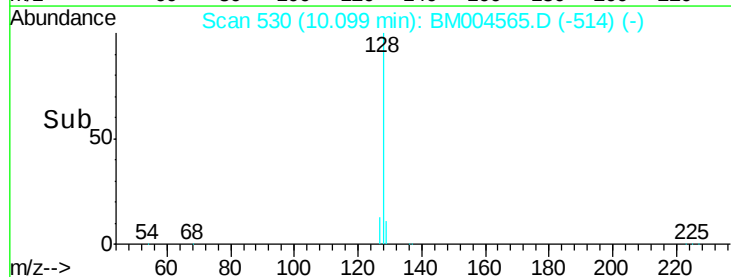
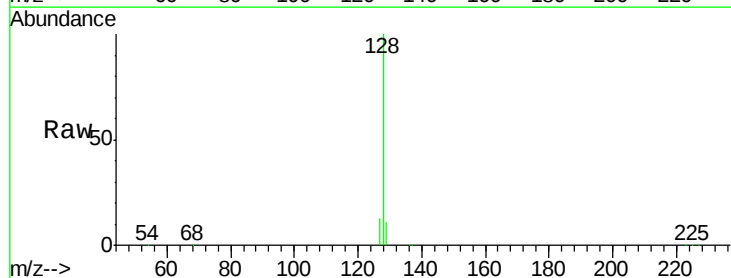
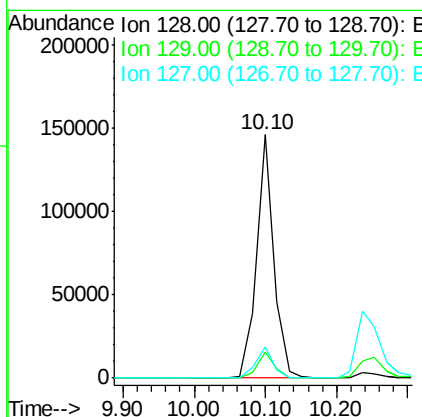
Instrument :
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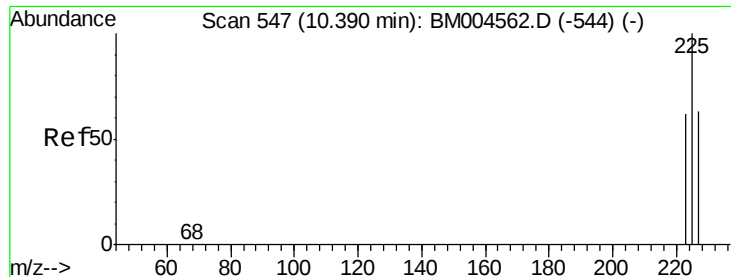
Tgt Ion: 77 Resp: 65803
 Ion Ratio Lower Upper
 77 100
 123 56.9 0.0 0.0#
 65 12.4 0.0 0.0#



#10
 Naphthalene
 Concen: 9.51 ng
 RT: 10.10 min Scan# 530
 Delta R.T. 0.00 min
 Lab File: BM004565.D
 Acq: 05 Mar 2016 20:32

Tgt Ion: 128 Resp: 228564
 Ion Ratio Lower Upper
 128 100
 129 10.9 8.7 13.1
 127 12.7 11.3 16.9

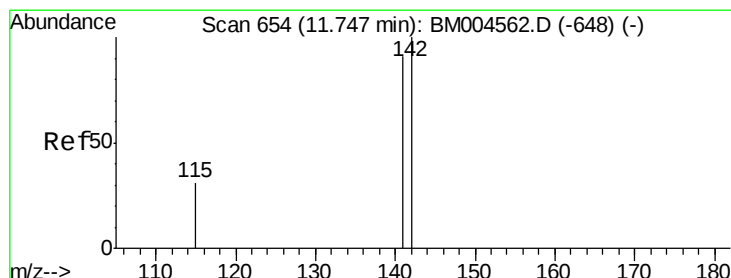
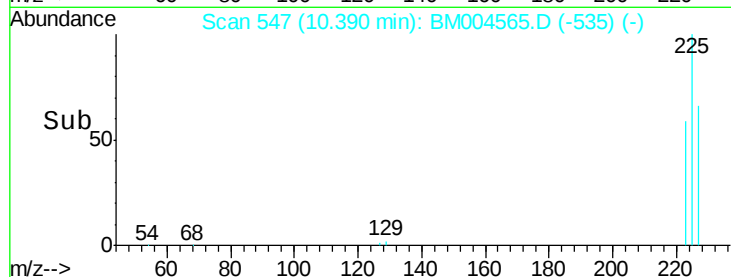
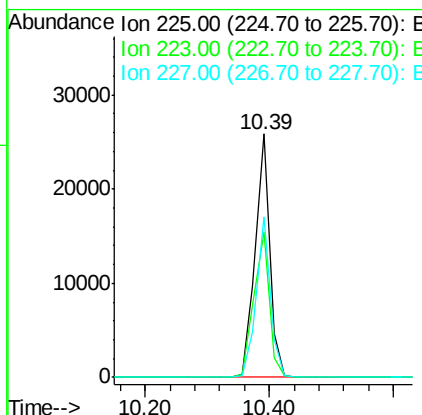
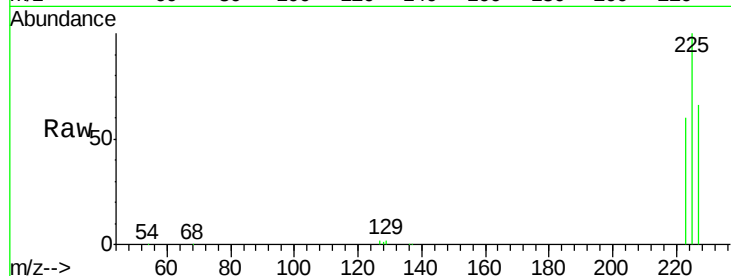




#11
Hexachlorobutadiene
Concen: 10.14 ng
RT: 10.39 min Scan# 547
Delta R.T. 0.00 min
Lab File: BM004565.D
Acq: 05 Mar 2016 20:32

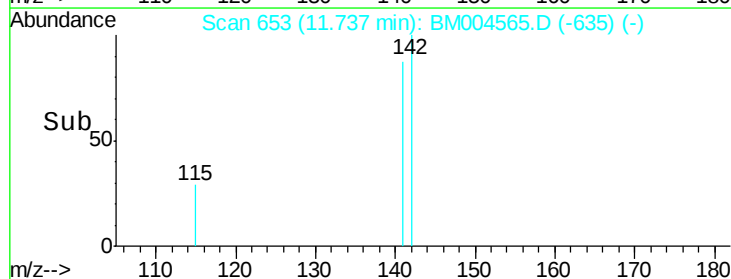
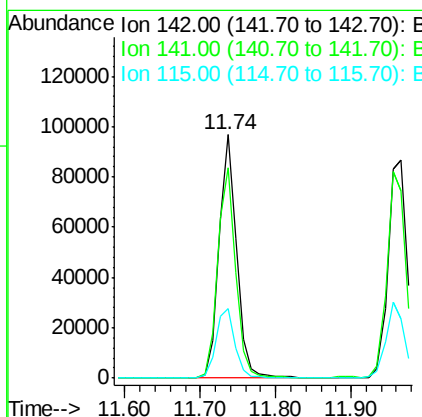
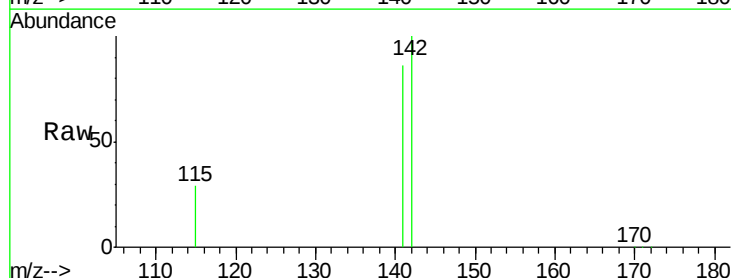
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

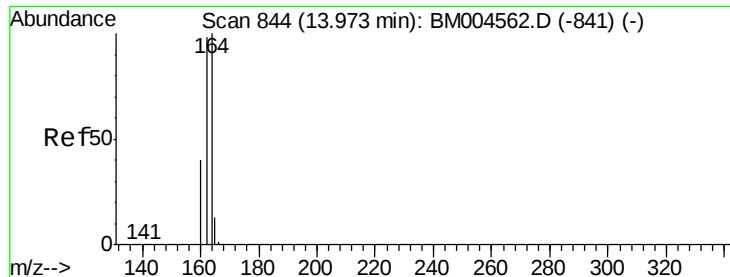
Tgt Ion: 225 Resp: 41708
Ion Ratio Lower Upper
225 100
223 62.8 0.0 0.0#
227 64.0 0.0 0.0#



#12
2-Methylnaphthalene
Concen: 10.91 ng
RT: 11.74 min Scan# 653
Delta R.T. -0.01 min
Lab File: BM004565.D
Acq: 05 Mar 2016 20:32

Tgt Ion: 142 Resp: 159029
Ion Ratio Lower Upper
142 100
141 86.3 72.3 108.5
115 28.6 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: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

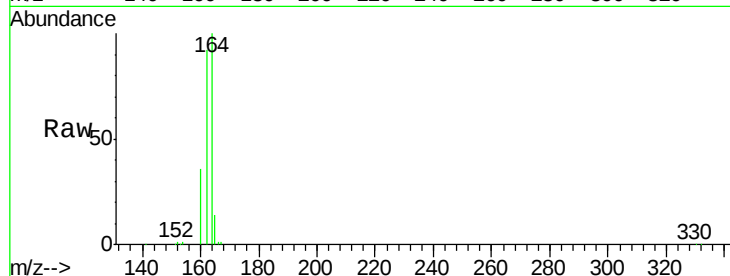
Tgt Ion:164 Resp: 53236

Ion Ratio Lower Upper

164 100

162 92.4 78.2 117.2

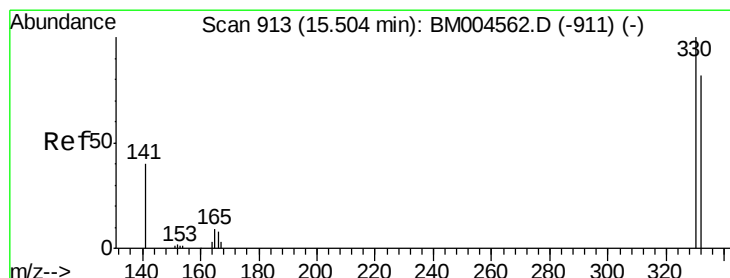
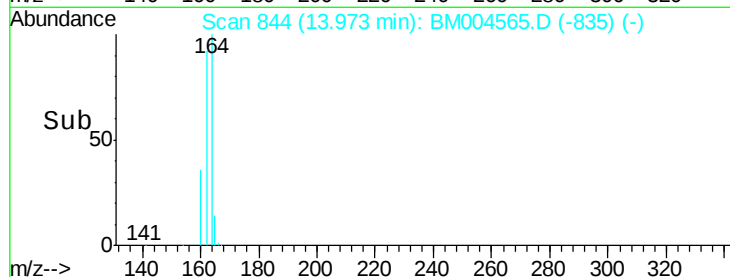
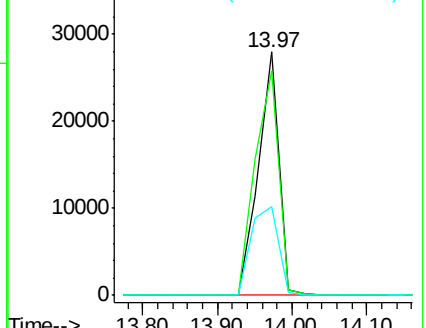
160 36.3 31.9 47.9



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: 12.19 ng

RT: 15.50 min Scan# 913

Delta R.T. 0.00 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

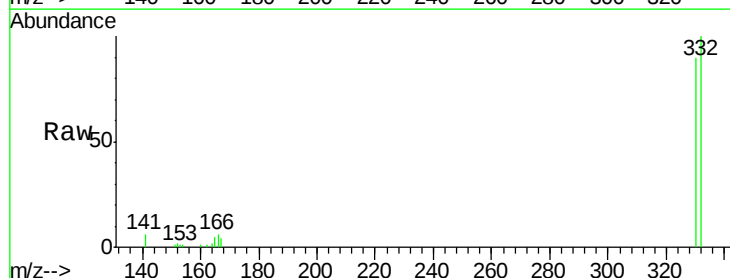
Tgt Ion:330 Resp: 20139

Ion Ratio Lower Upper

330 100

332 98.2 0.0 0.0#

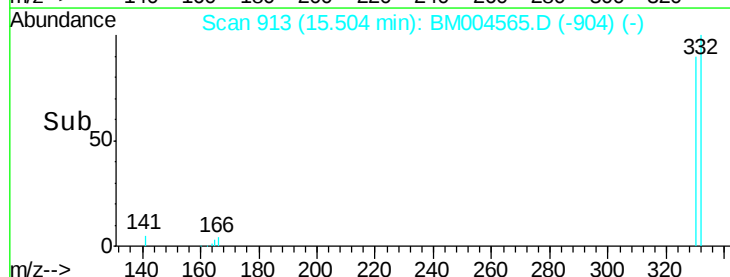
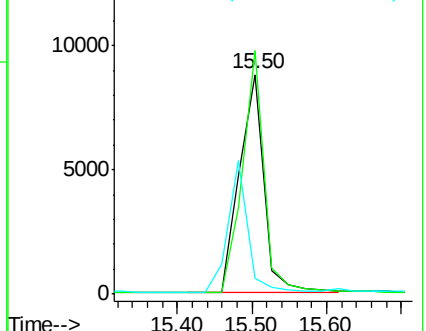
141 0.0 0.0 0.0

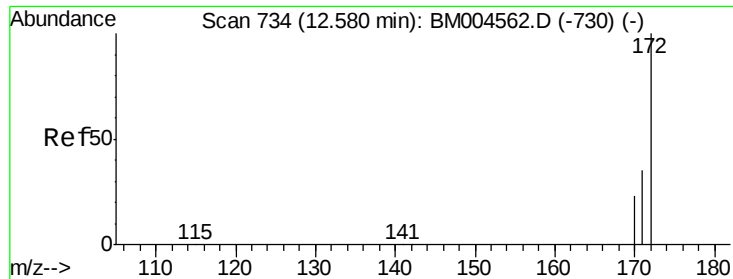


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

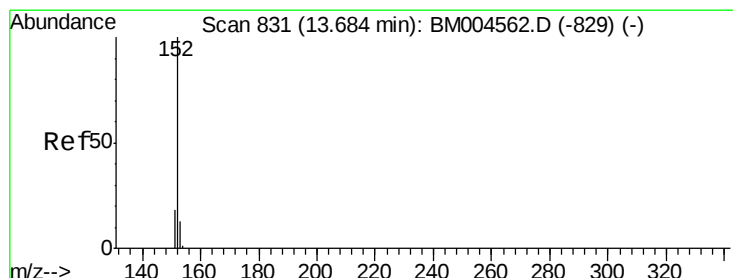
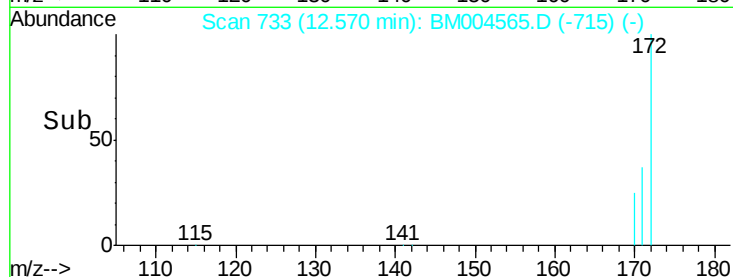
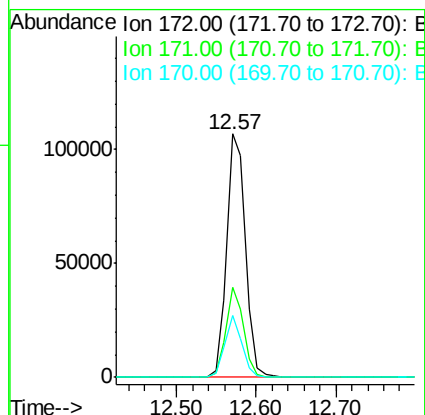
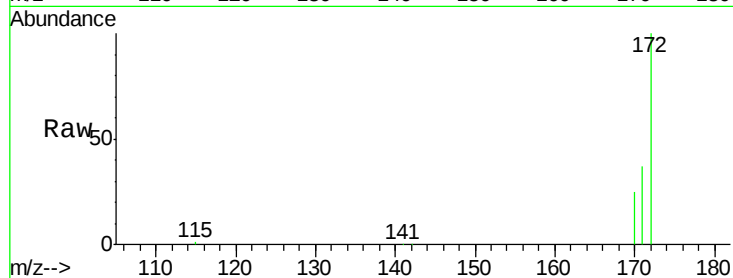




#15
2-Fluorobiphenyl
Concen: 10.41 ng
RT: 12.57 min Scan# 733
Delta R.T. -0.01 min
Lab File: BM004565.D
Acq: 05 Mar 2016 20:32

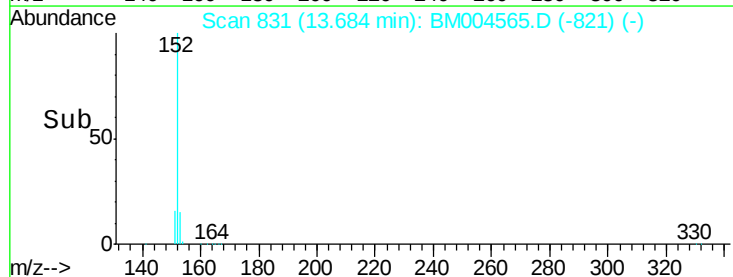
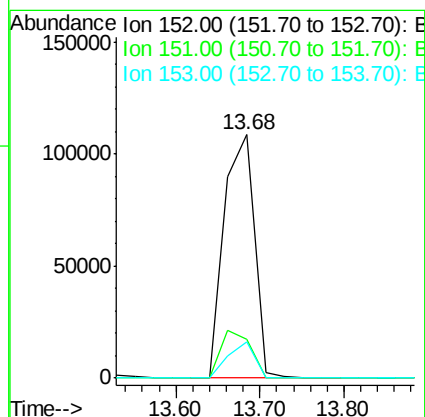
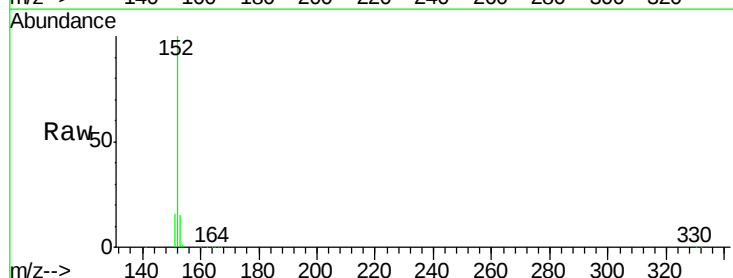
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

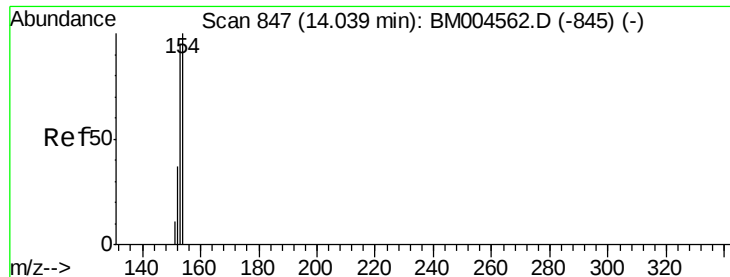
Tgt Ion:172 Resp: 174112
Ion Ratio Lower Upper
172 100
171 37.1 28.6 42.8
170 25.4 19.1 28.7



#16
Acenaphthylene
Concen: 10.76 ng
RT: 13.68 min Scan# 831
Delta R.T. 0.00 min
Lab File: BM004565.D
Acq: 05 Mar 2016 20:32

Tgt Ion:152 Resp: 268883
Ion Ratio Lower Upper
152 100
151 0.0 9.2 13.8#
153 13.1 51.4 77.0#





#17

Acenaphthene

Concen: 10.07 ng

RT: 14.02 min Scan# 846

Delta R.T. -0.02 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

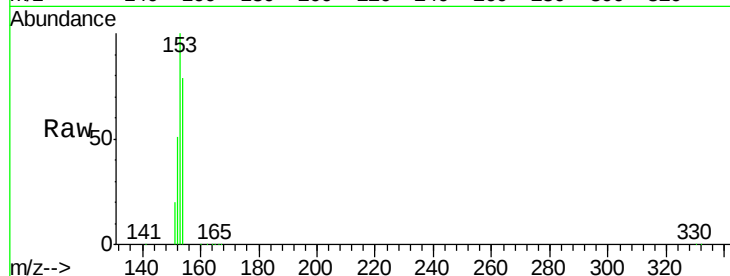
Tgt Ion:154 Resp: 159507

Ion Ratio Lower Upper

154 100

153 115.2 0.0 0.0#

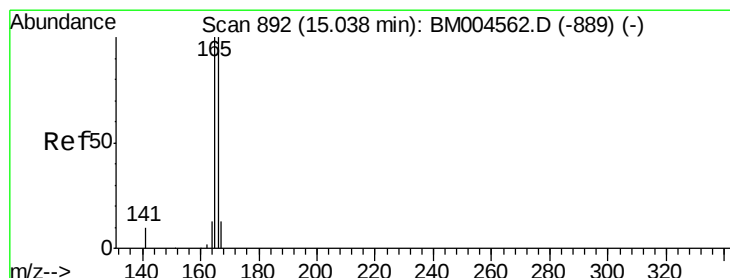
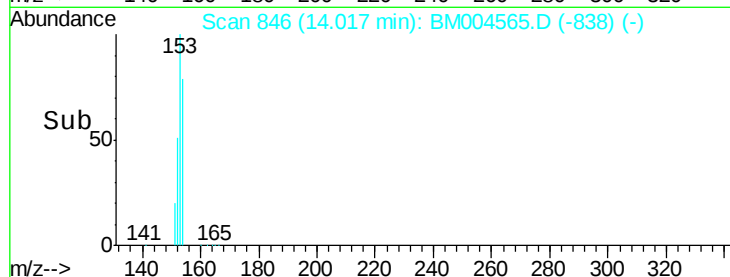
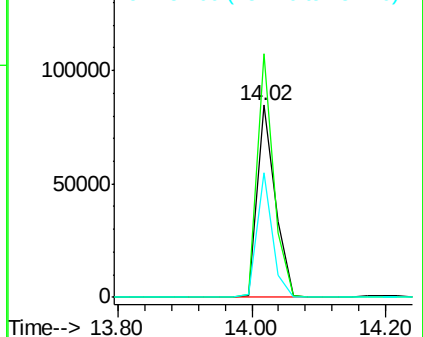
152 55.3 0.2 0.2#



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: 10.71 ng

RT: 15.04 min Scan# 892

Delta R.T. 0.00 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

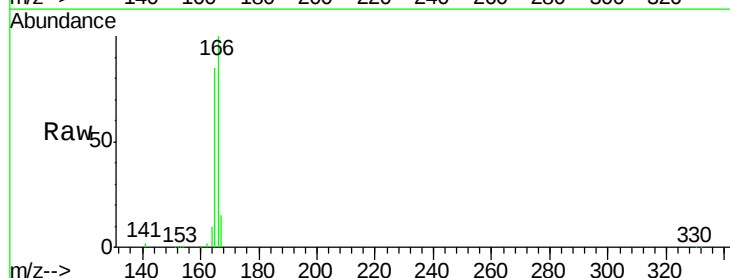
Tgt Ion:166 Resp: 206411

Ion Ratio Lower Upper

166 100

165 94.4 0.0 0.0#

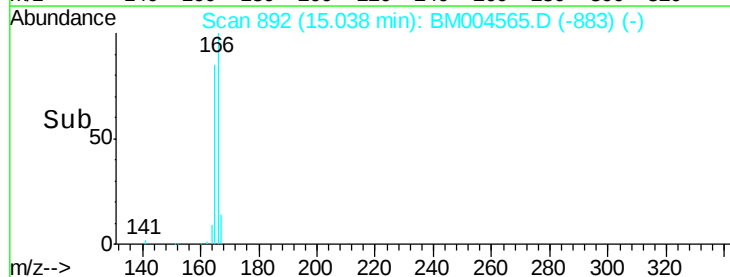
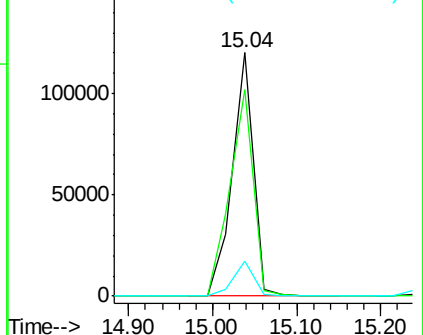
167 13.7 20.0 30.0#

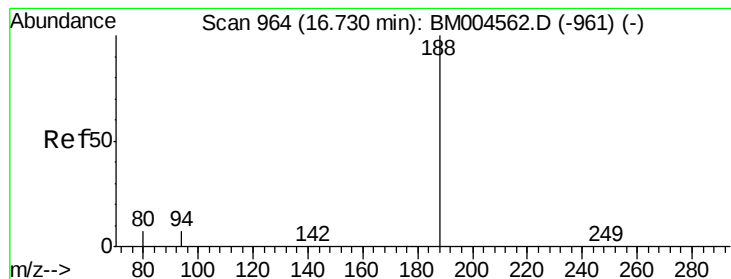


Abundance Ion 166.00 (165.70 to 166.70): E

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: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

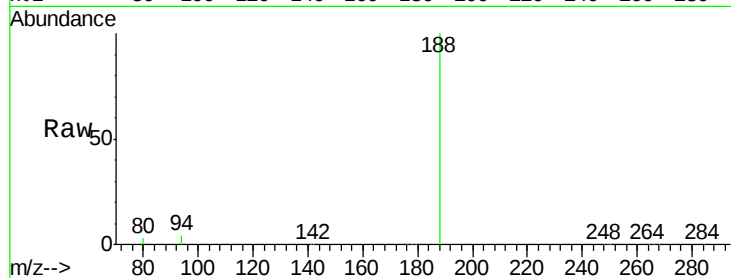
Tgt Ion:188 Resp: 135104

Ion Ratio Lower Upper

188 100

94 4.2 6.0 9.0#

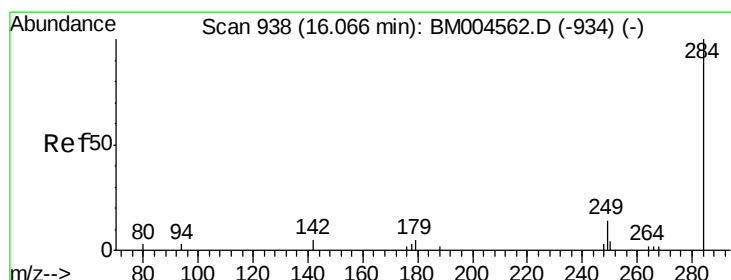
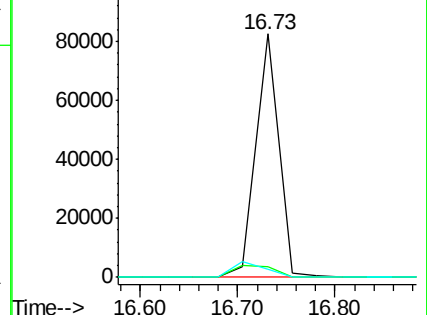
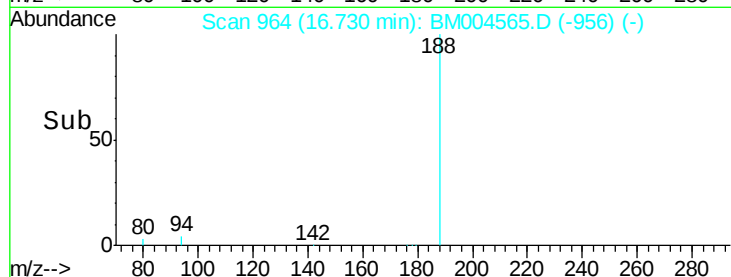
80 3.4 5.3 7.9#



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: 8.68 ng

RT: 16.04 min Scan# 937

Delta R.T. -0.03 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

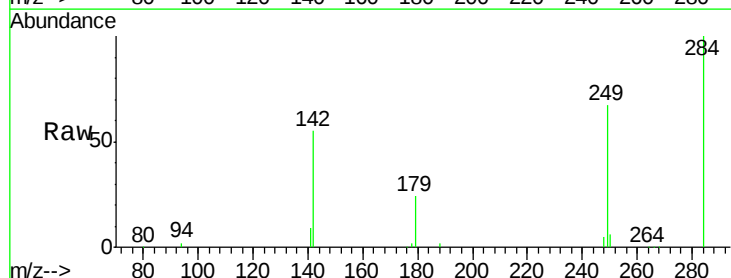
Tgt Ion:284 Resp: 51772

Ion Ratio Lower Upper

284 100

142 43.5 0.0 0.0#

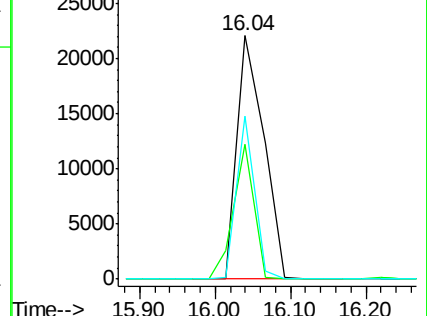
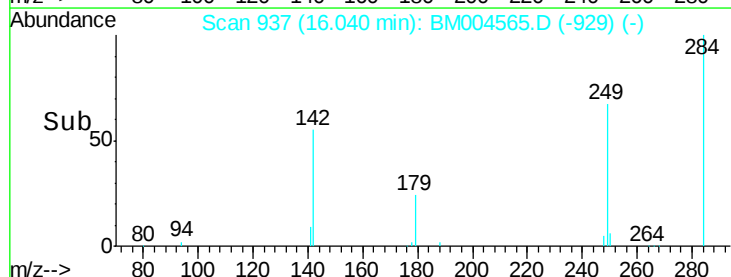
249 45.9 0.0 0.0#

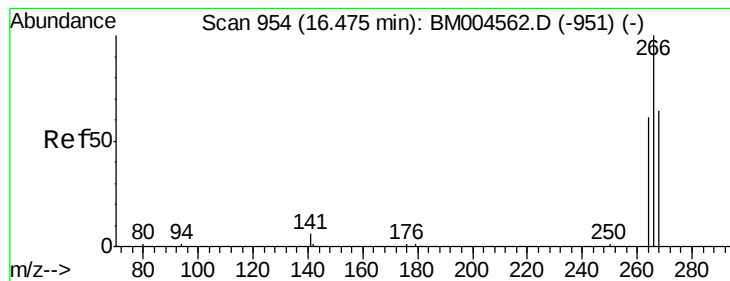


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 11.35 ng

RT: 16.45 min Scan# 953

Delta R.T. -0.03 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

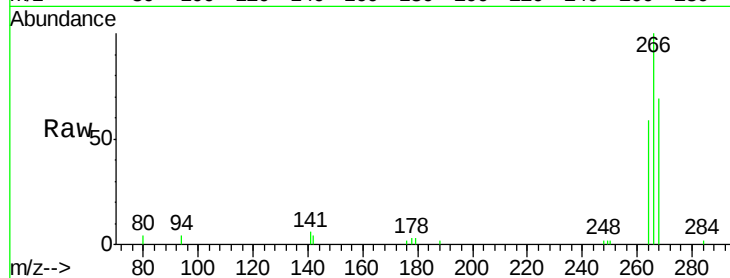
Tgt Ion:266 Resp: 9555

Ion Ratio Lower Upper

266 100

268 68.7 62.6 94.0

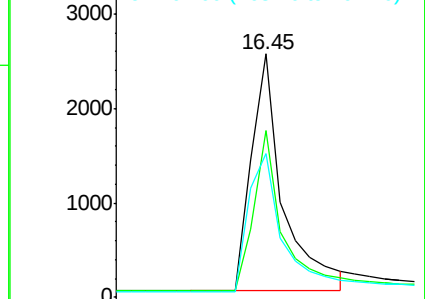
264 59.2 57.4 86.0



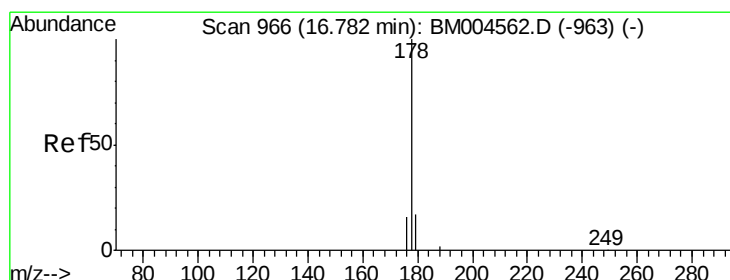
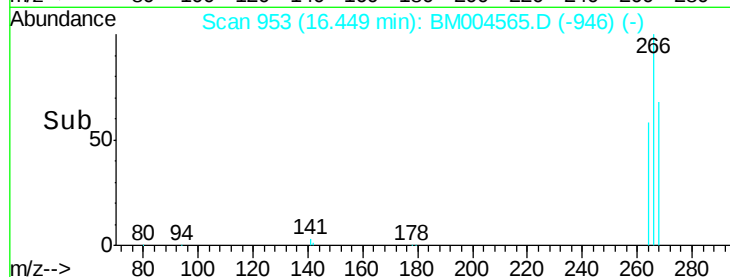
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 16.20 16.40 16.60



#22

Phenanthrene

Concen: 8.65 ng

RT: 16.76 min Scan# 965

Delta R.T. -0.03 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

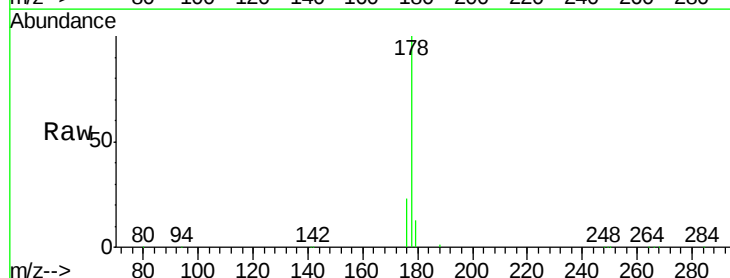
Tgt Ion:178 Resp: 283271

Ion Ratio Lower Upper

178 100

176 20.2 0.0 0.0#

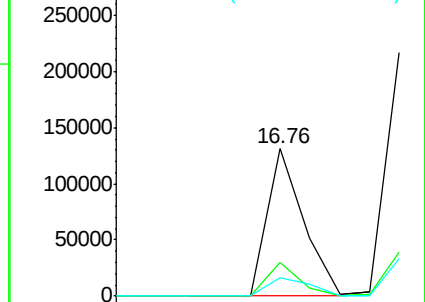
179 14.6 0.0 0.0#



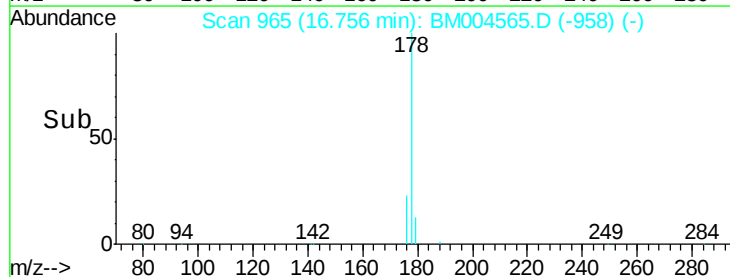
Abundance Ion 178.00 (177.70 to 178.70): E

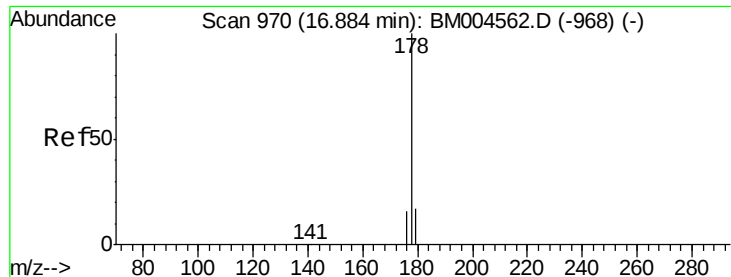
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 16.70 16.80





#23

Anthracene

Concen: 12.19 ng

RT: 16.86 min Scan# 969

Delta R.T. -0.03 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

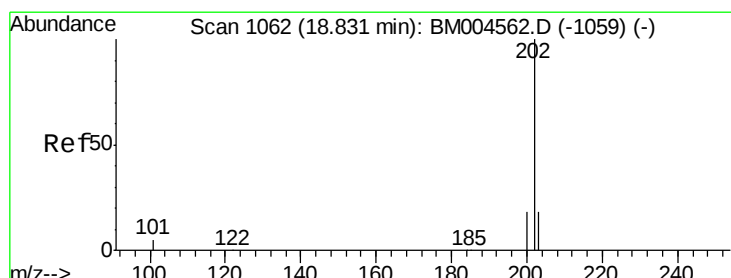
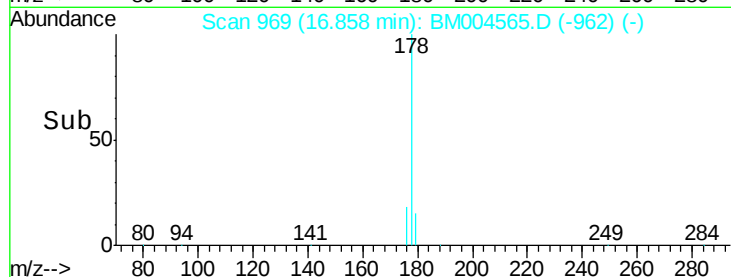
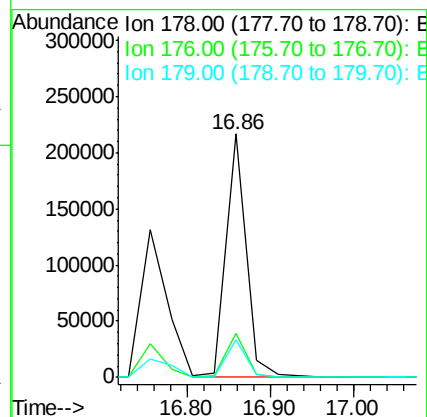
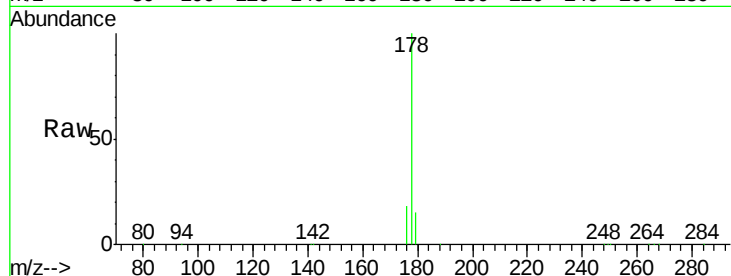
Tgt Ion:178 Resp: 364169

Ion Ratio Lower Upper

178 100

176 18.0 0.0 0.0#

179 15.3 0.0 0.0#



#24

Fluoranthene

Concen: 8.77 ng

RT: 18.81 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

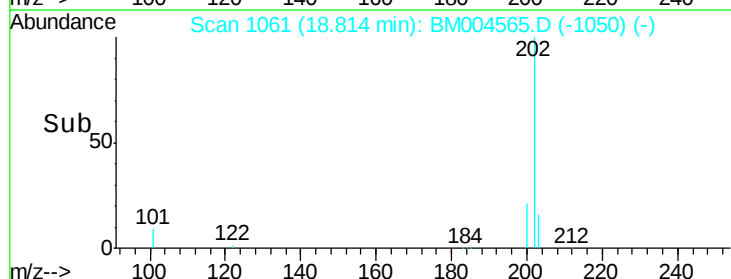
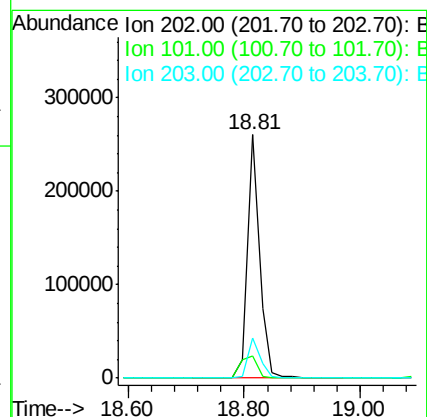
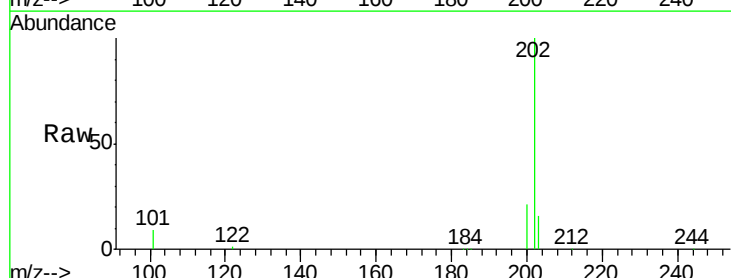
Tgt Ion:202 Resp: 377179

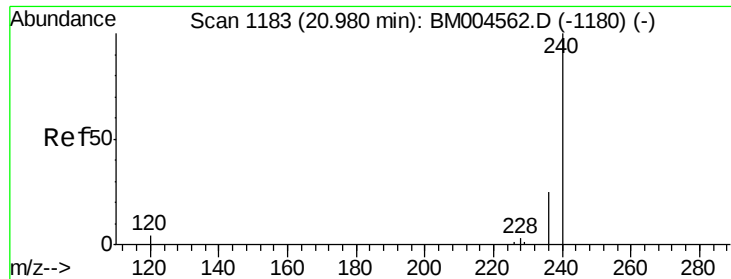
Ion Ratio Lower Upper

202 100

101 12.8 12.2 18.4

203 17.2 14.6 21.8

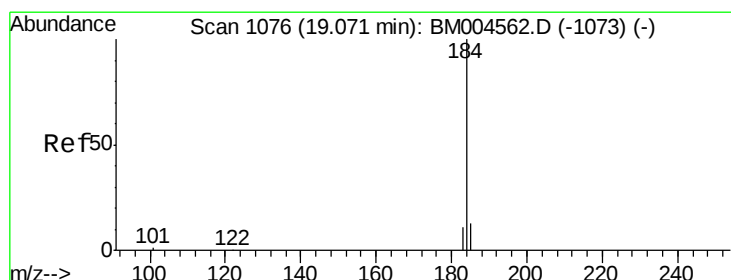
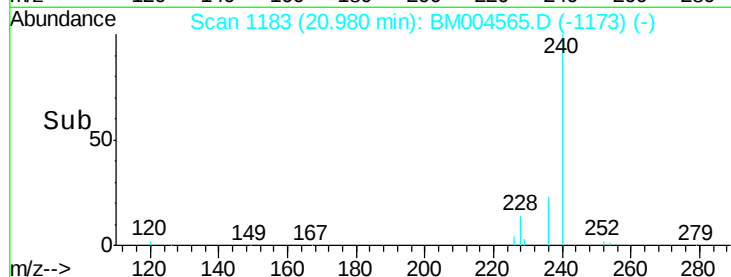
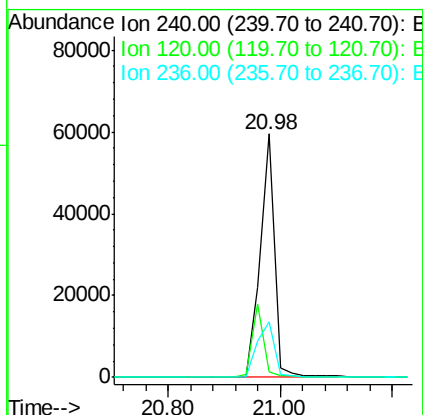
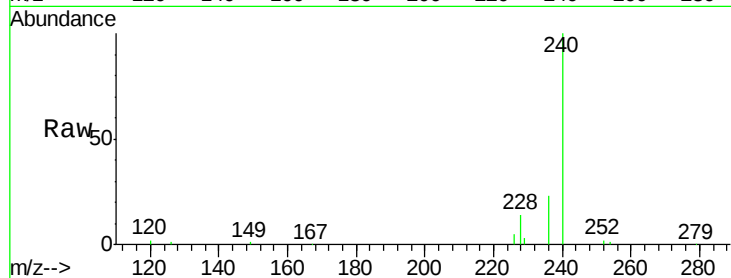




#25
Chrysene-d12
Concen: 5.00 ng
RT: 20.98 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BM004565.D
Acq: 05 Mar 2016 20:32

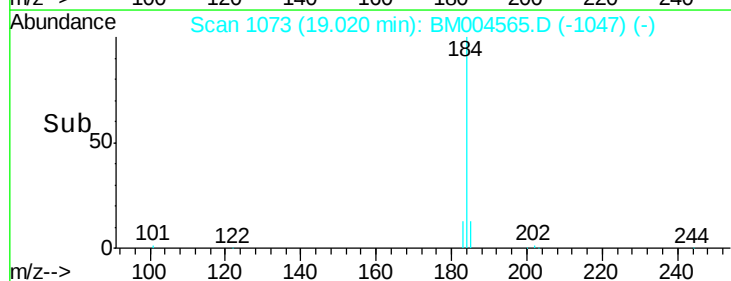
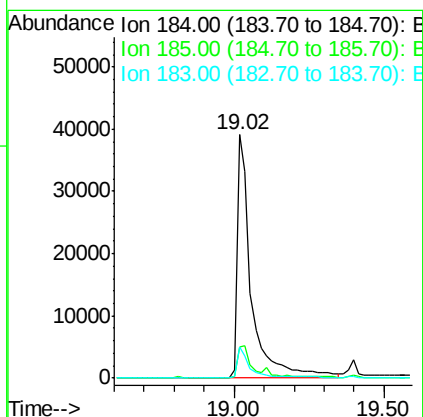
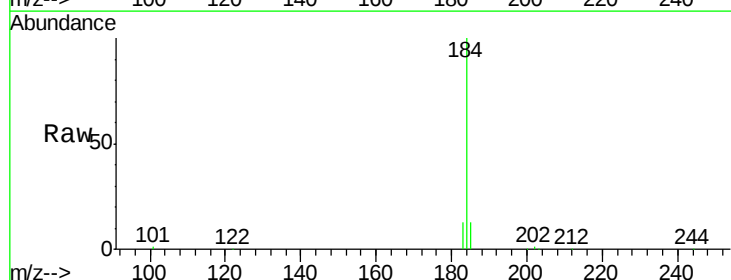
Instrument :
BNA_M
ClientSampleId :
SSTDIC010

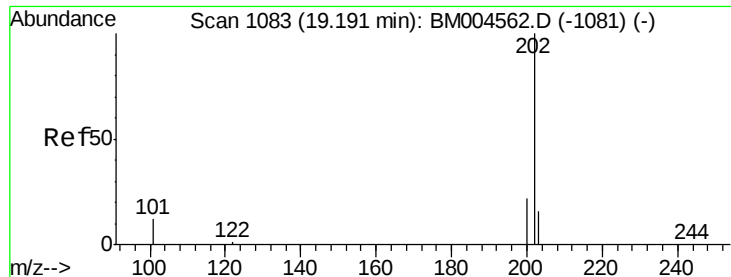
Tgt Ion:240 Resp: 105559
Ion Ratio Lower Upper
240 100
120 2.0 3.5 5.3#
236 23.0 20.3 30.5



#26
Benzidine
Concen: 14.94 ng
RT: 19.02 min Scan# 1073
Delta R.T. -0.05 min
Lab File: BM004565.D
Acq: 05 Mar 2016 20:32

Tgt Ion:184 Resp: 124316
Ion Ratio Lower Upper
184 100
185 12.7 19.4 29.0#
183 12.9 16.5 24.7#





#27

Pyrene

Concen: 9.43 ng

RT: 19.19 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

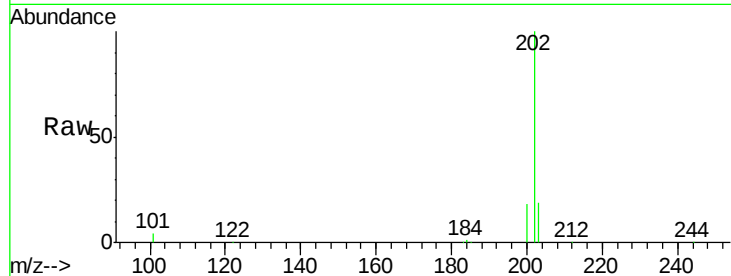
Tgt Ion:202 Resp: 386159

Ion Ratio Lower Upper

202 100

200 20.7 0.2 0.2#

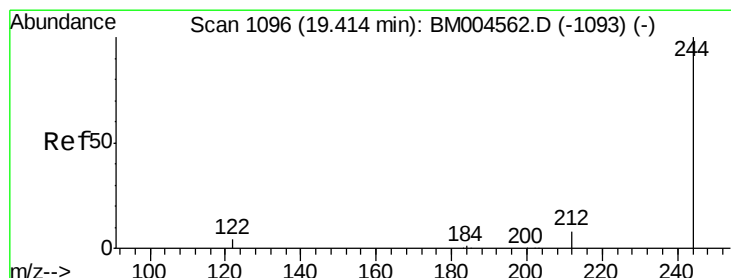
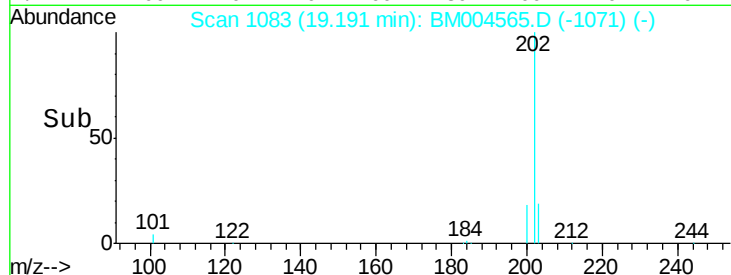
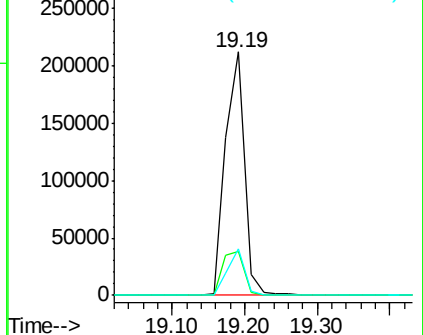
203 17.4 0.0 0.0#



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: 7.98 ng

RT: 19.40 min Scan# 1095

Delta R.T. -0.02 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

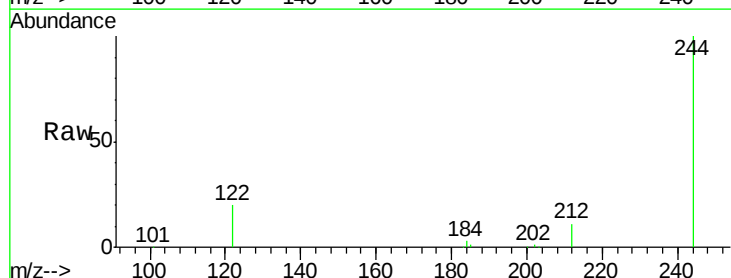
Tgt Ion:244 Resp: 160507

Ion Ratio Lower Upper

244 100

212 10.5 7.0 10.4#

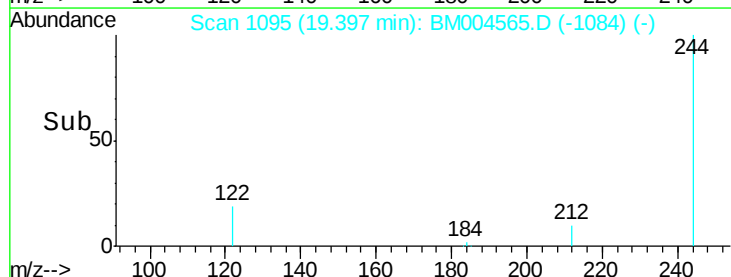
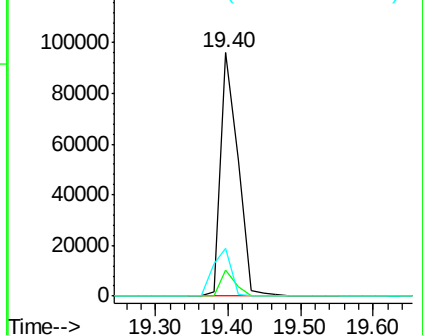
122 19.6 4.2 6.4#

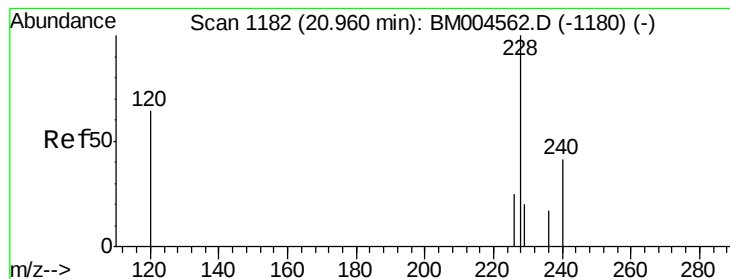


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#29

Benzo(a)anthracene

Concen: 9.14 ng

RT: 20.96 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

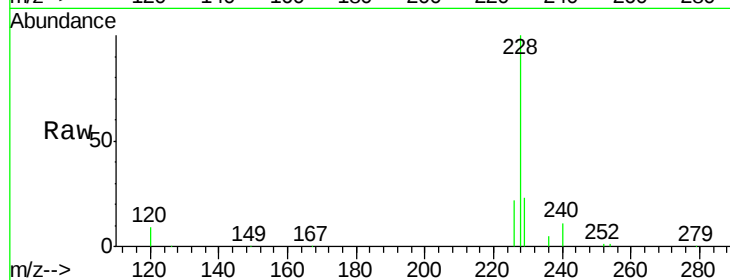
Tgt Ion:228 Resp: 324883

Ion Ratio Lower Upper

228 100

226 22.0 20.3 30.5

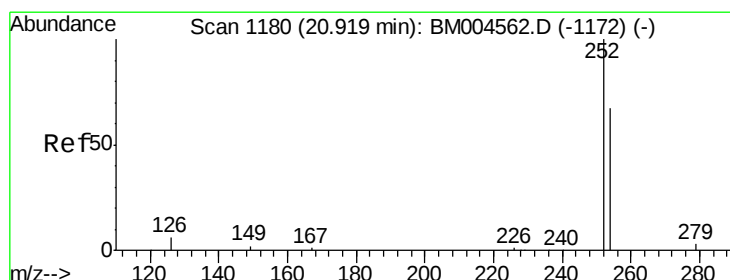
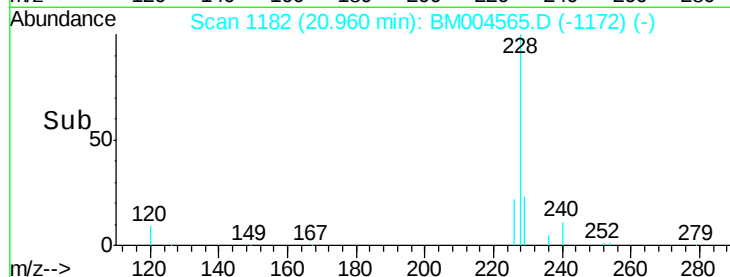
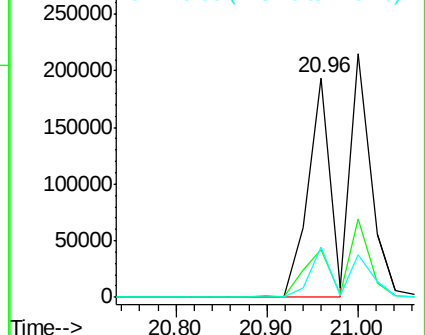
229 22.9 16.3 24.5



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: 13.53 ng

RT: 20.90 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

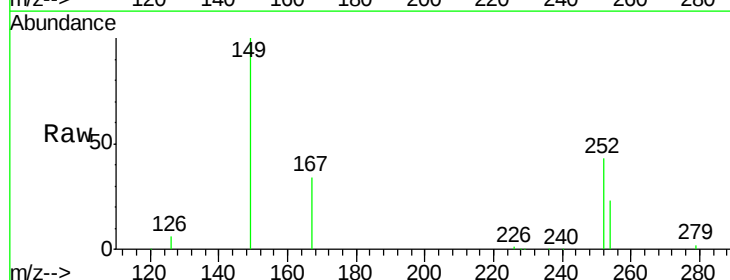
Tgt Ion:252 Resp: 137406

Ion Ratio Lower Upper

252 100

254 53.3 53.9 80.9#

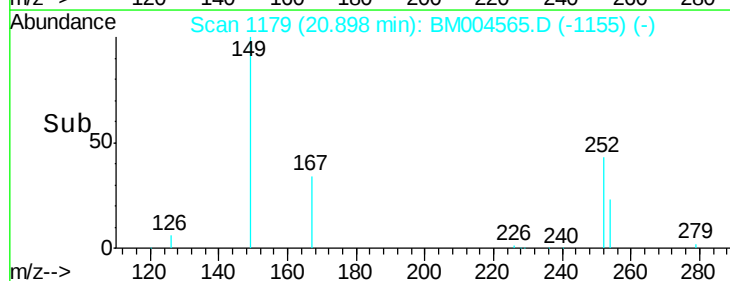
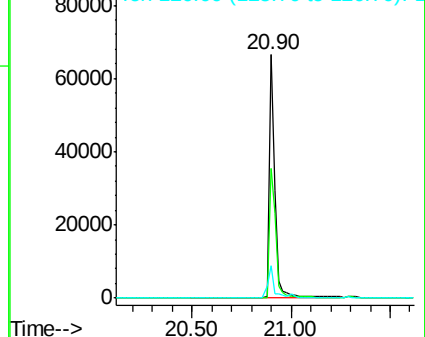
126 13.6 6.9 10.3#

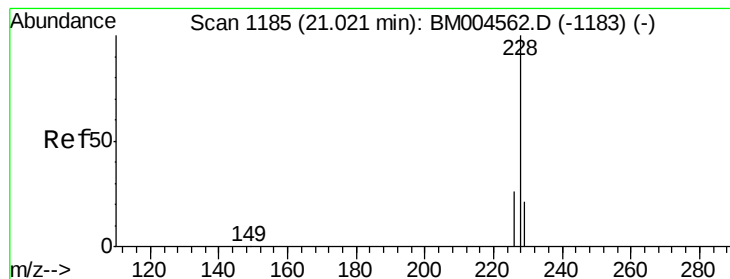


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#31

Chrysene

Concen: 7.54 ng

RT: 20.96 min Scan# 1182

Delta R.T. -0.06 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDICC010

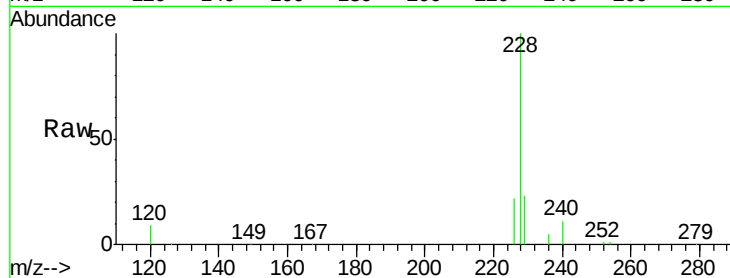
Tgt Ion:228 Resp: 324848

Ion Ratio Lower Upper

228 100

226 22.0 20.3 30.5

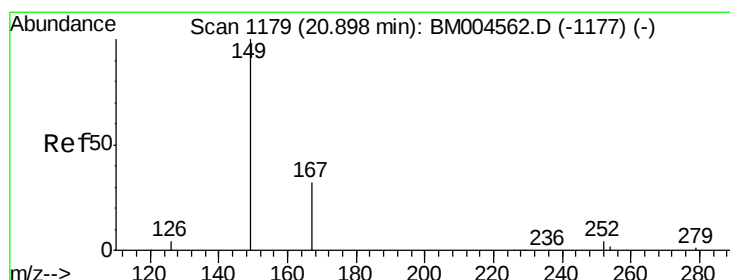
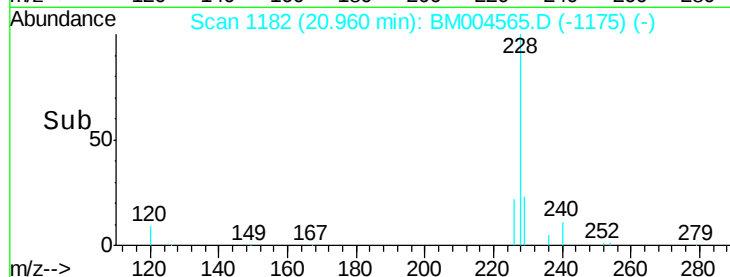
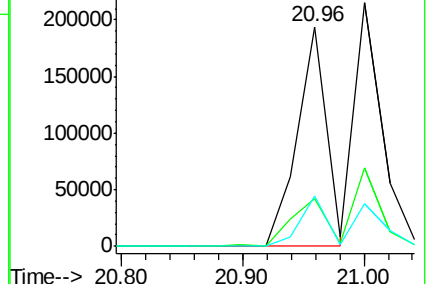
229 22.9 17.8 26.6



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: 10.87 ng

RT: 20.90 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

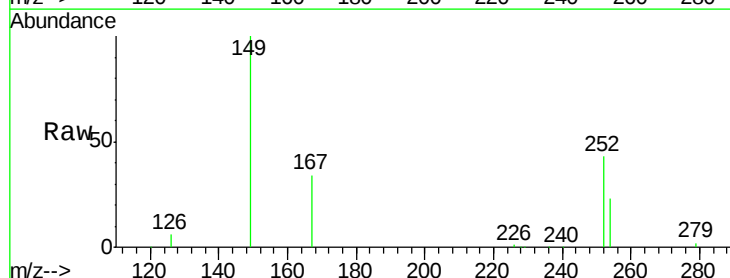
Tgt Ion:149 Resp: 241551

Ion Ratio Lower Upper

149 100

167 30.7 0.6 0.8#

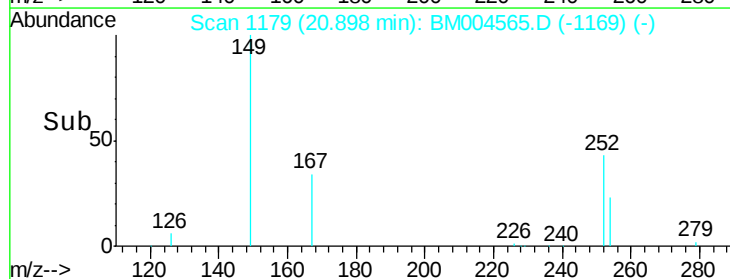
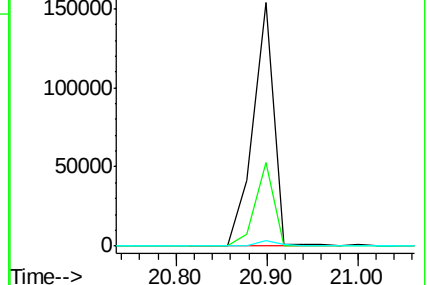
279 2.3 0.0 0.0#

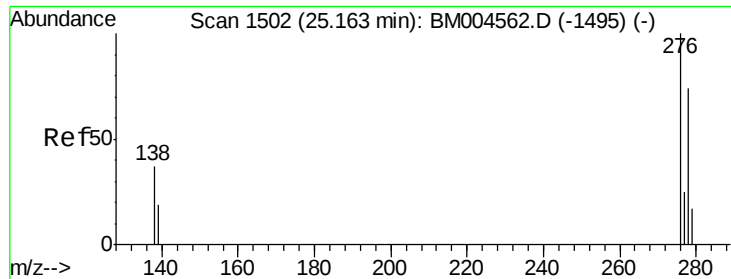


Abundance Ion 149.00 (148.70 to 149.70): E

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: 11.10 ng

RT: 25.13 min Scan# 1500

Delta R.T. -0.03 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

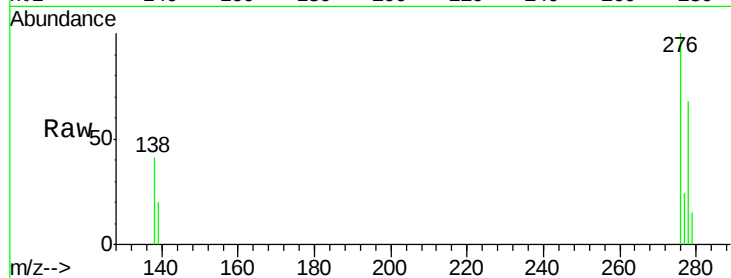
Tgt Ion:276 Resp: 342018

Ion Ratio Lower Upper

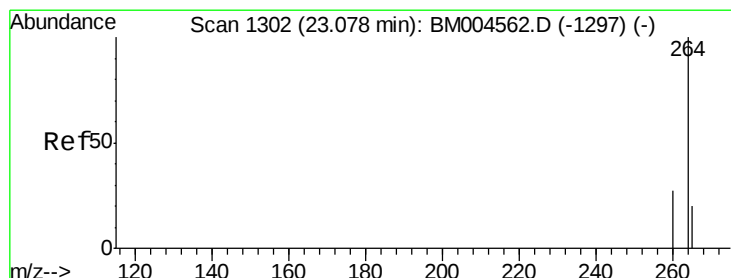
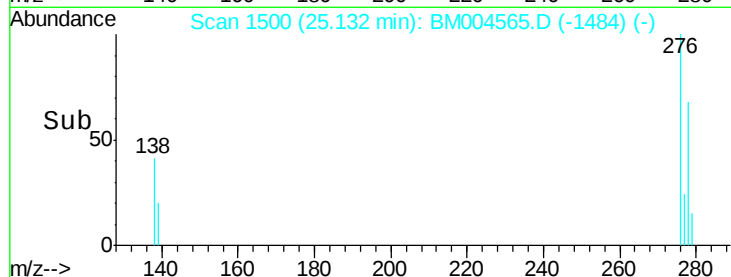
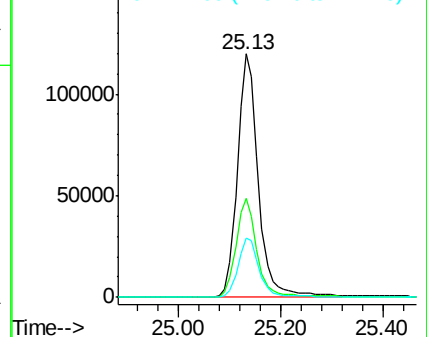
276 100

138 40.6 22.8 34.2#

277 24.8 15.2 22.8#



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



#34

Perylene-d12

Concen: 5.00 ng

RT: 23.08 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

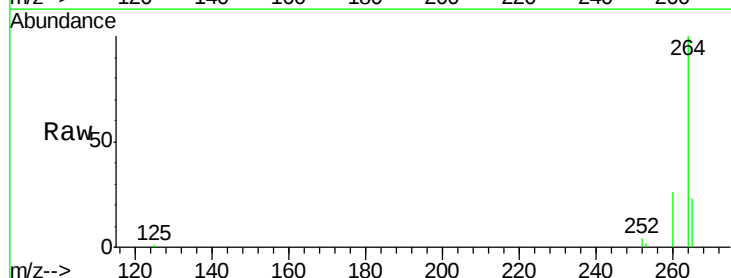
Tgt Ion:264 Resp: 106080

Ion Ratio Lower Upper

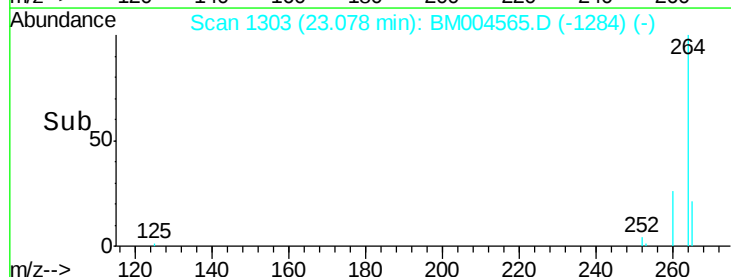
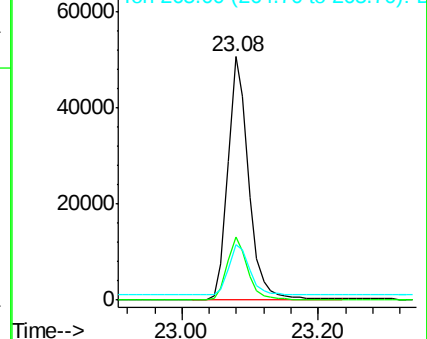
264 100

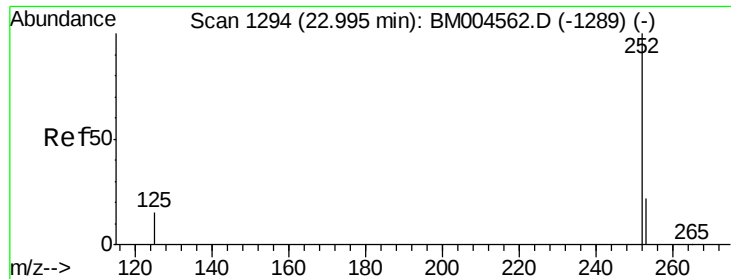
260 26.0 21.4 32.2

265 22.5 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(a)pyrene

Concen: 10.04 ng

RT: 22.98 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC010

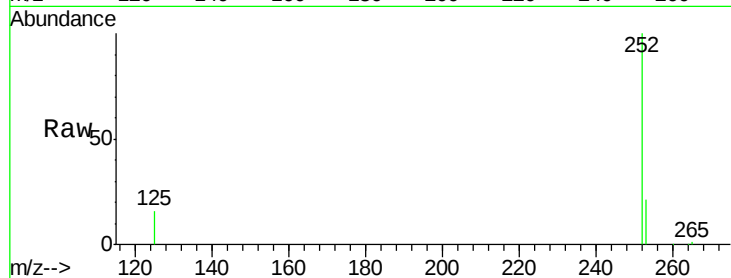
Tgt Ion:252 Resp: 317464

Ion Ratio Lower Upper

252 100

253 21.4 19.0 28.6

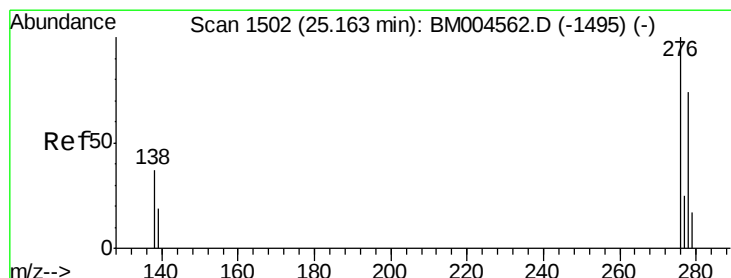
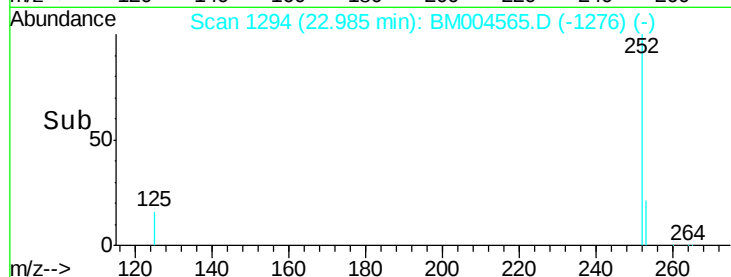
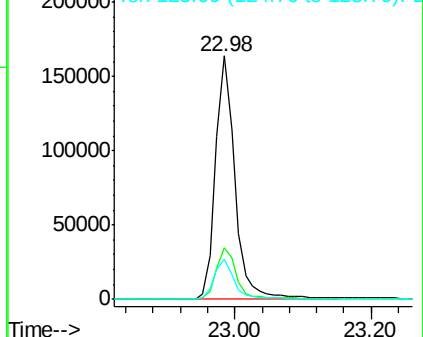
125 16.3 14.4 21.6



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: 10.31 ng

RT: 25.14 min Scan# 1501

Delta R.T. -0.02 min

Lab File: BM004565.D

Acq: 05 Mar 2016 20:32

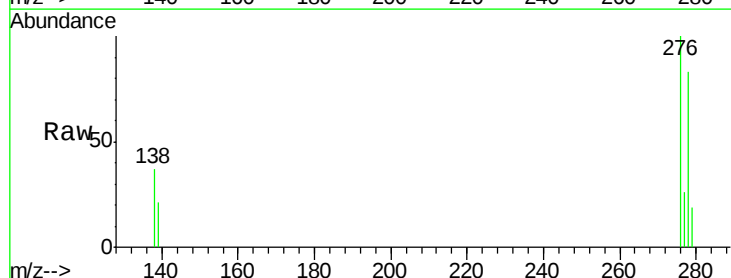
Tgt Ion:278 Resp: 269592

Ion Ratio Lower Upper

278 100

139 25.5 21.7 32.5

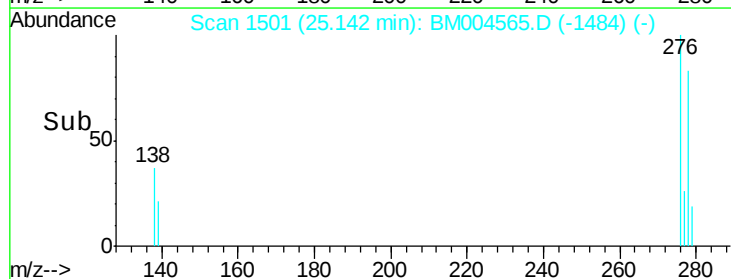
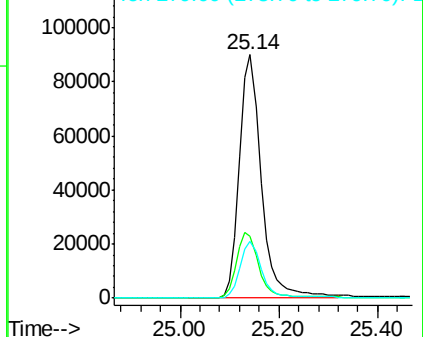
279 23.3 20.2 30.4

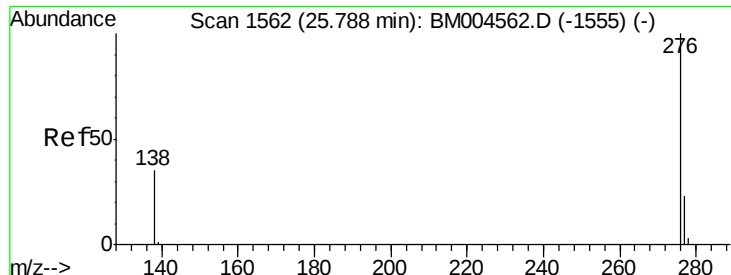


Abundance Ion 278.00 (277.70 to 278.70): E

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: 9.84 ng

RT: 25.77 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BM004565.D

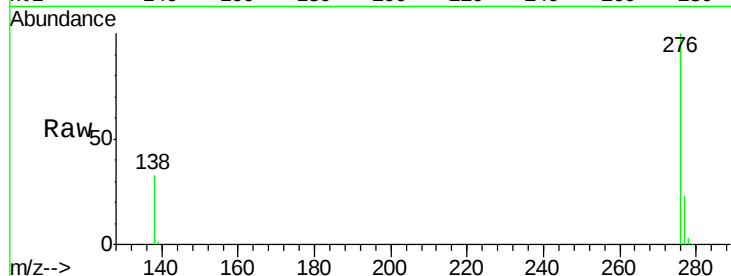
Acq: 05 Mar 2016 20:32

Instrument :

BNA_M

ClientSampleId :

SSTDIC010



Tgt Ion: 276 Resp: 290106

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 33.4 29.3 43.9

