

Data Path : Z:\HPCHEM1\BNA M\Data\BM030116\
 Data File : BM004510.D
 Acq On : 02 Mar 2016 08:57
 Operator : SJ/UM
 Sample : SSTDICV001
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ICVBM030116

Quant Time: Mar 02 09:36:49 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM030116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 02 08:13:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	23337	5.00	ng	0.00
7) Naphthalene-d8	10.39	136	87443	5.00	ng	0.00
13) Acenaphthene-d10	14.26	164	44174	5.00	ng	0.00
19) Phenanthrene-d10	17.01	188	98014	5.00	ng	0.00
26) Chrysene-d12	21.25	240	78622	5.00	ng	0.02
35) Perylene-d12	23.46	264	78915	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.22	112	4429	0.91	ng	-0.02
5) Phenol-d6	6.81	99	5217	0.92	ng	-0.02
8) Nitrobenzene-d5	8.79	82	3698	0.94	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1080	0.87	ng	0.00
15) 2-Fluorobiphenyl	12.88	172	12740	0.94	ng	0.00
29) Terphenyl-d14	19.67	244	12541	0.98	ng	0.00

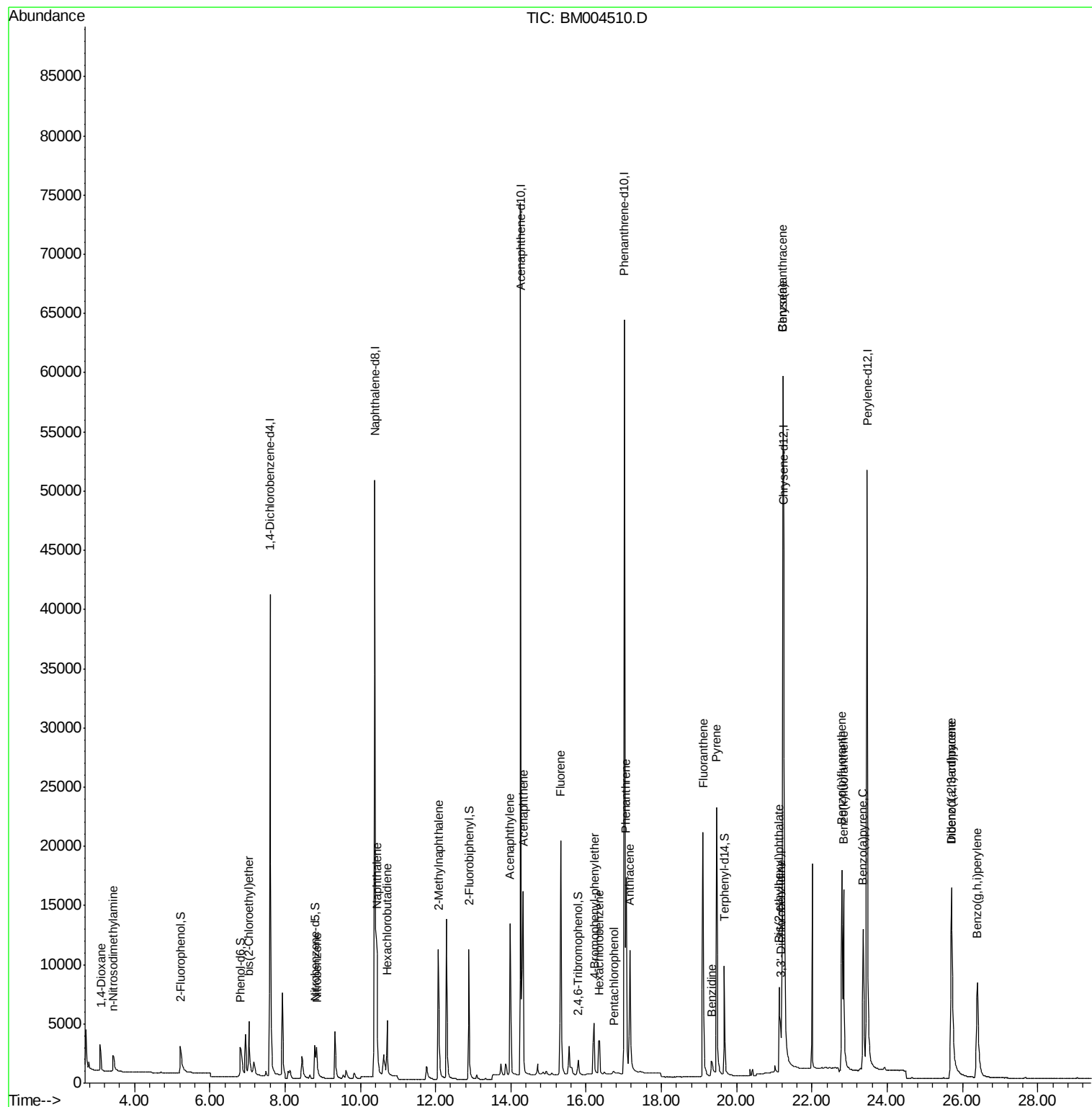
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	2097	0.95	ng	99
3) n-Nitrosodimethylamine	3.43	42	1533	0.94	ng	98
6) bis(2-Chloroethyl)ether	7.04	93	4700	0.95	ng	99
9) Nitrobenzene	8.84	77	4090	0.92	ng	99
10) Naphthalene	10.44	128	19083	0.92	ng	100
11) Hexachlorobutadiene	10.72	225	3308	0.93	ng	100
12) 2-Methylnaphthalene	12.08	142	11524	0.92	ng	99
16) Acenaphthylene	13.97	152	18464	0.91	ng	100
17) Acenaphthene	14.33	154	11582	0.94	ng	99
18) Fluorene	15.33	166	14604	0.97	ng	99
20) 4-Bromophenyl-phenylether	16.22	248	3292	0.94	ng	# 98
21) Hexachlorobenzene	16.35	284	4046	1.06	ng	# 100
22) Pentachlorophenol	16.73	266	419	0.82	ng	99
23) Phenanthrene	17.06	178	21980	1.05	ng	100
24) Anthracene	17.16	178	17833	0.90	ng	100
25) Fluoranthene	19.11	202	25710	0.98	ng	100
27) Benzidine	19.33	184	5886	0.90	ng	99
28) Pyrene	19.47	202	27191	0.99	ng	100
30) Benzo(a)anthracene	21.23	228	21705	0.92	ng	# 83
31) 3,3'-Dichlorobenzidine	21.16	252	7427	0.99	ng	# 95
32) Chrysene	21.23	228	21695	0.79	ng	# 89
33) Bis(2-ethylhexyl)phthalate	21.12	149	11528	0.81	ng	# 50
34) Indeno(1,2,3-cd)pyrene	25.70	276	23031	1.00	ng	100
36) Benzo(b)fluoranthene	22.80	252	21582	0.85	ng	97
37) Benzo(k)fluoranthene	22.84	252	24055	0.96	ng	98
38) Benzo(a)pyrene	23.36	252	21270	0.91	ng	98
39) Dibenzo(a,h)anthracene	25.72	278	17558	0.91	ng	98
40) Benzo(g,h,i)perylene	26.39	276	20019	0.91	ng	98

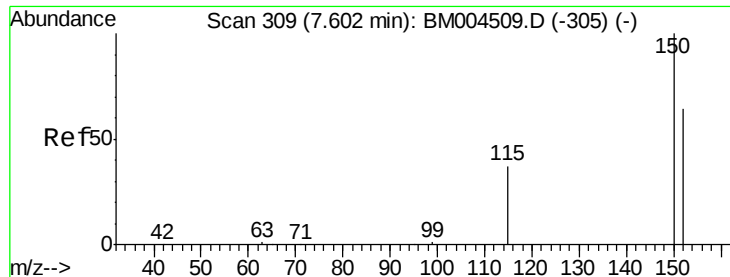
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 309

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

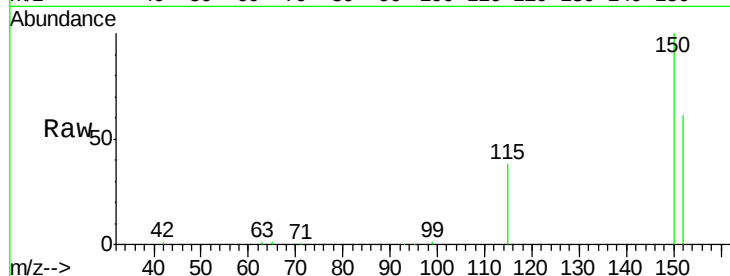
Tot Ion:152 Resp: 23337

Ion Ratio Lower Upper

152 100

150 164.2 134.2 201.2

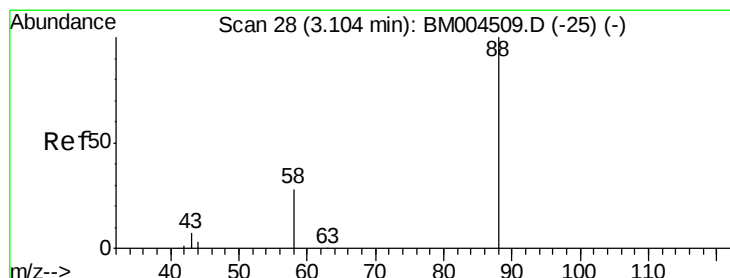
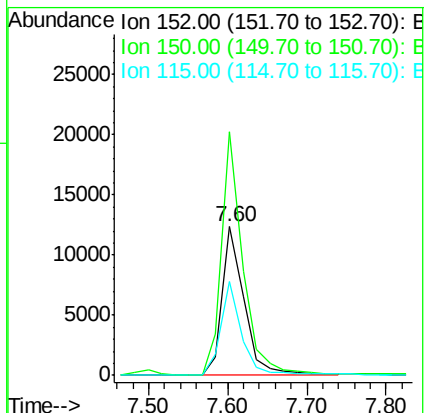
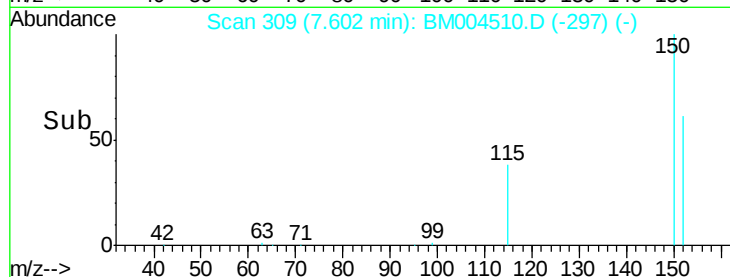
115 63.1 52.2 78.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.95 ng

RT: 3.10 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

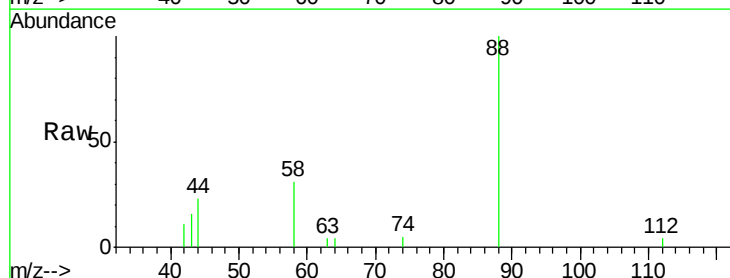
Tgt Ion: 88 Resp: 2097

Ion Ratio Lower Upper

88 100

58 65.3 52.9 79.3

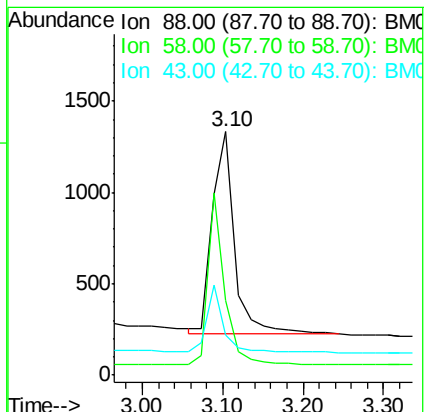
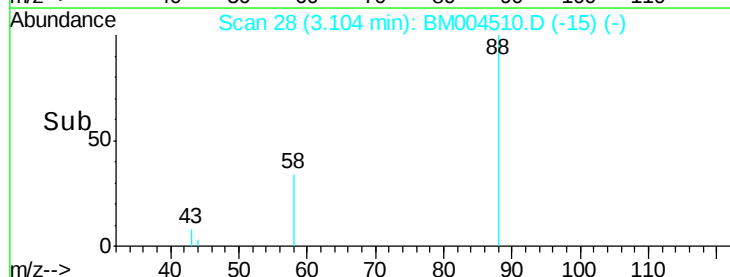
43 25.8 20.8 31.2

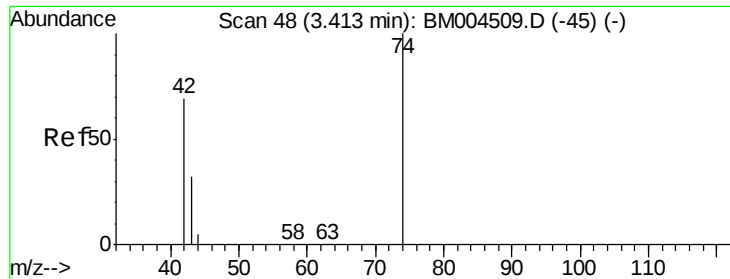


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.94 ng

RT: 3.43 min Scan# 49

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

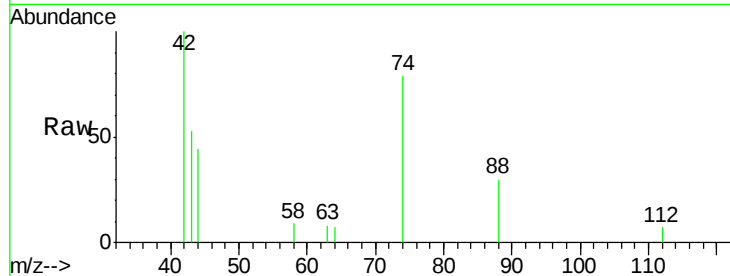
Tot Ion: 42 Resp: 1533

Ion Ratio Lower Upper

42 100

74 147.0 115.5 173.3

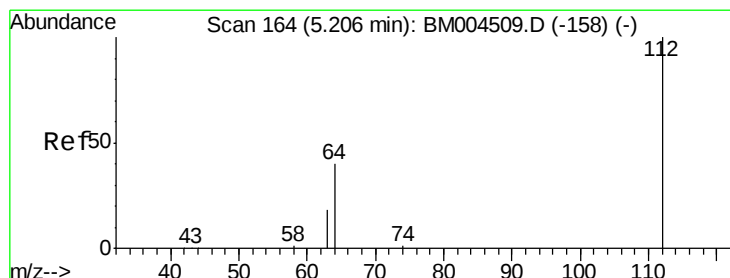
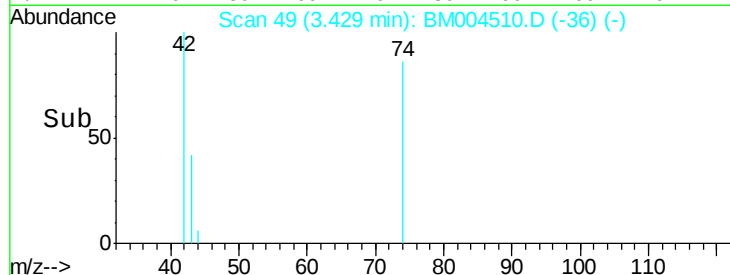
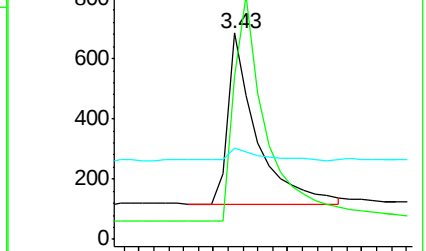
44 7.9 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BM004510.D (-36) (-)

Ion 74.00 (73.70 to 74.70): BM004510.D (-36) (-)

Ion 44.00 (43.70 to 44.70): BM004510.D (-36) (-)



#4

2-Fluorophenol

Concen: 0.91 ng

RT: 5.22 min Scan# 165

Delta R.T. -0.02 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

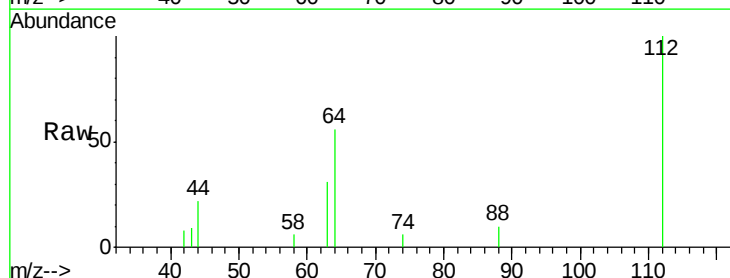
Tgt Ion: 112 Resp: 4429

Ion Ratio Lower Upper

112 100

64 48.9 37.0 55.6

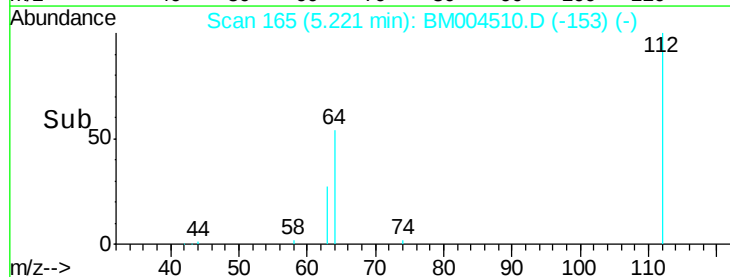
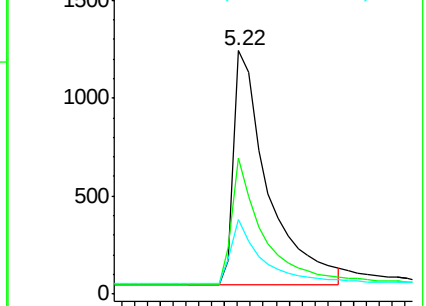
63 24.5 19.0 28.4

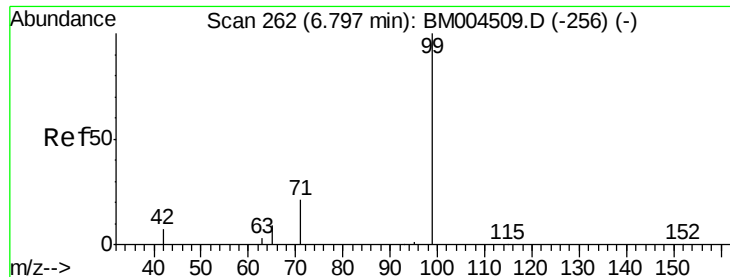


Abundance Ion 112.00 (111.70 to 112.70): BM004510.D (-153) (-)

Ion 64.00 (63.70 to 64.70): BM004510.D (-153) (-)

Ion 63.00 (62.70 to 63.70): BM004510.D (-153) (-)





#5

Phenol-d6

Concen: 0.92 ng

RT: 6.81 min Scan# 263

Delta R.T. -0.02 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

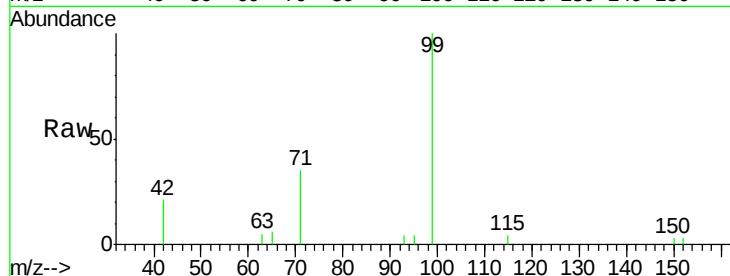
Tot Ion: 99 Resp: 5217

Ion Ratio Lower Upper

99 100

42 15.2 12.2 18.4

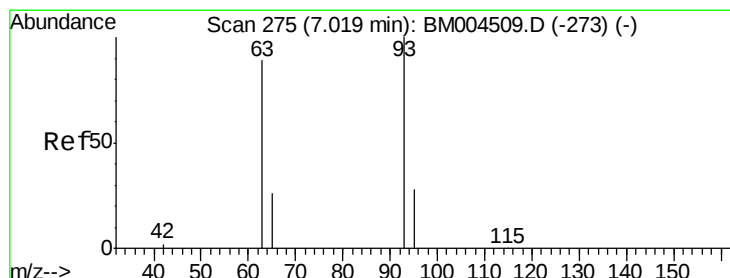
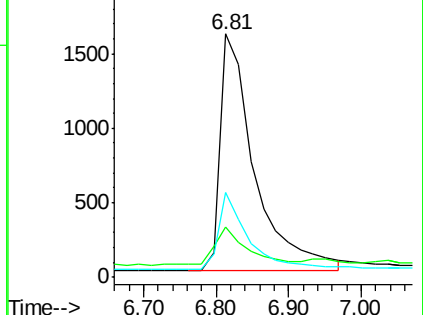
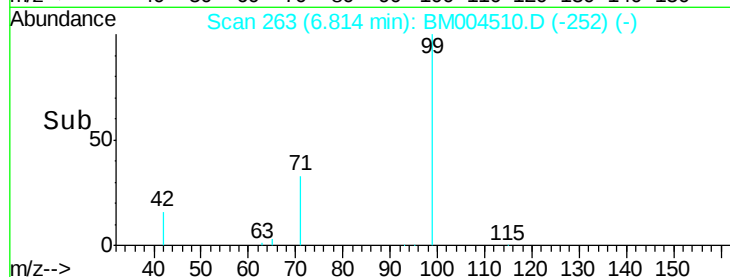
71 29.2 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM004510.D (-252) (-)

Ion 42.00 (41.70 to 42.70): BM004510.D (-252) (-)

Ion 71.00 (70.70 to 71.70): BM004510.D (-252) (-)



#6

bis(2-Chloroethyl)ether

Concen: 0.95 ng

RT: 7.04 min Scan# 276

Delta R.T. 0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

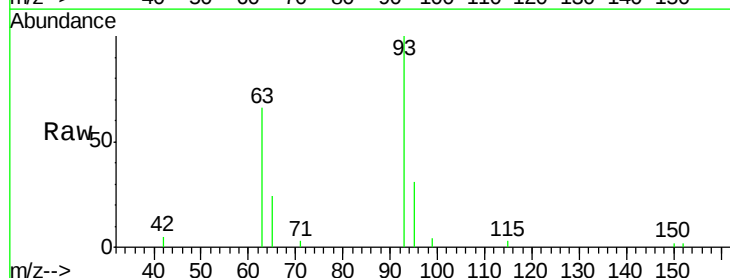
Tgt Ion: 93 Resp: 4700

Ion Ratio Lower Upper

93 100

63 64.0 51.1 76.7

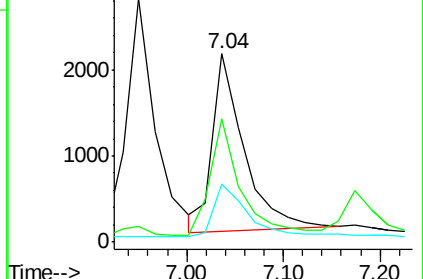
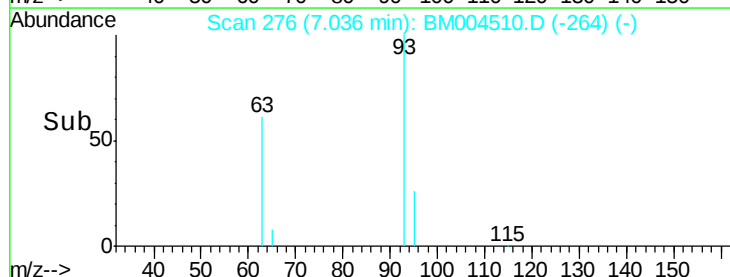
95 32.7 25.0 37.6

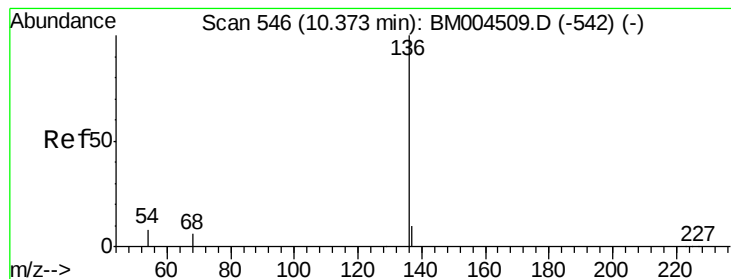


Abundance Ion 93.00 (92.70 to 93.70): BM004510.D (-264) (-)

Ion 63.00 (62.70 to 63.70): BM004510.D (-264) (-)

Ion 95.00 (94.70 to 95.70): BM004510.D (-264) (-)





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.39 min Scan# 547

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

Tot Ion:136 Resp: 87443

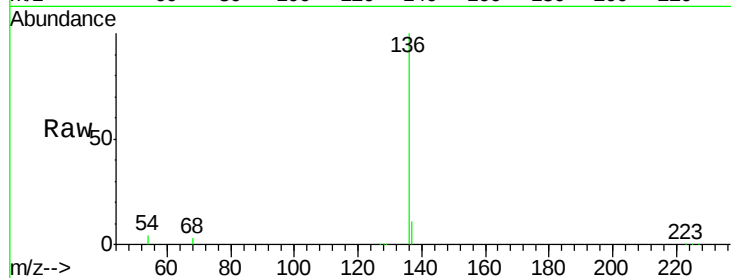
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 4.0 3.3 4.9

68 3.5 2.9 4.3

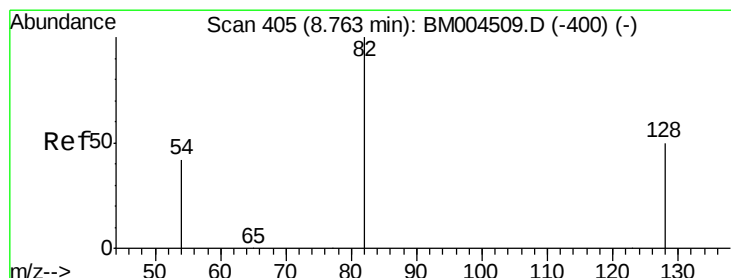
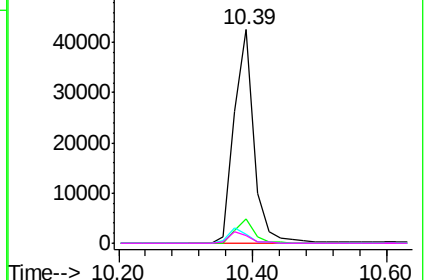
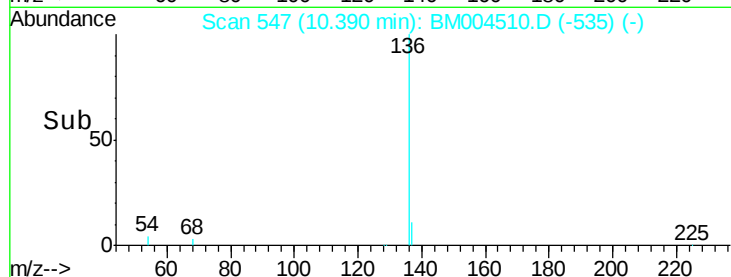


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.94 ng

RT: 8.79 min Scan# 408

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

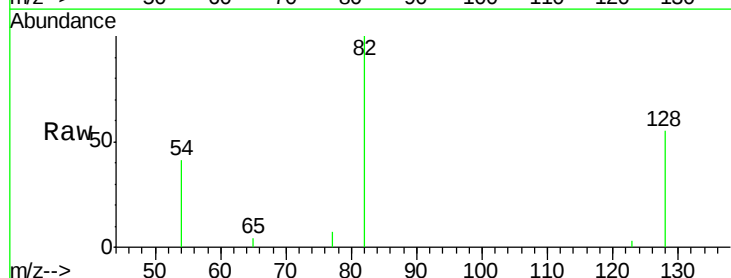
Tgt Ion: 82 Resp: 3698

Ion Ratio Lower Upper

82 100

128 54.9 41.9 62.9

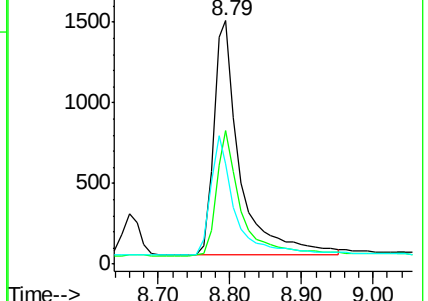
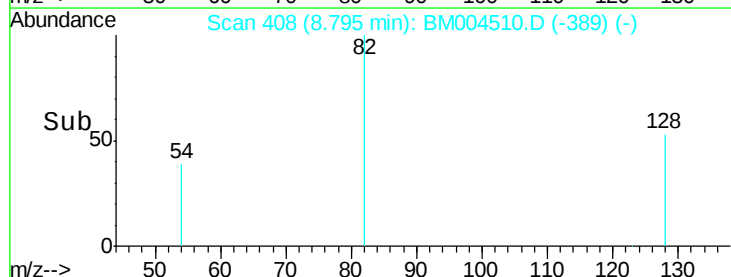
54 41.1 34.2 51.2

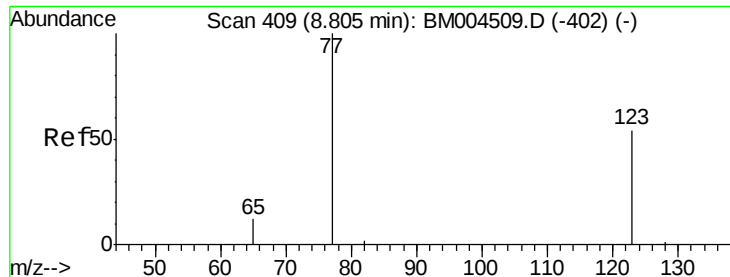


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.92 ng

RT: 8.84 min Scan# 412

Delta R.T. 0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

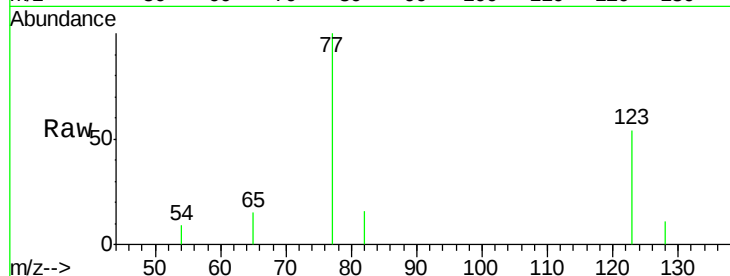
Tot Ion: 77 Resp: 4090

Ion Ratio Lower Upper

77 100

123 52.8 42.5 63.7

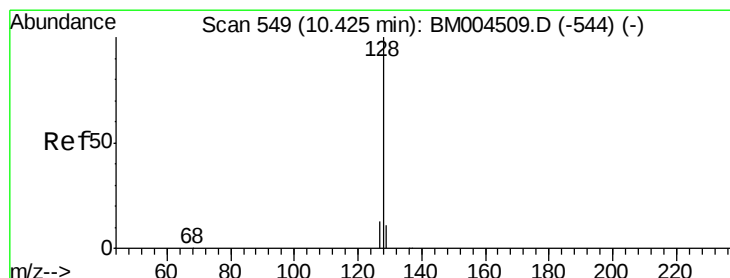
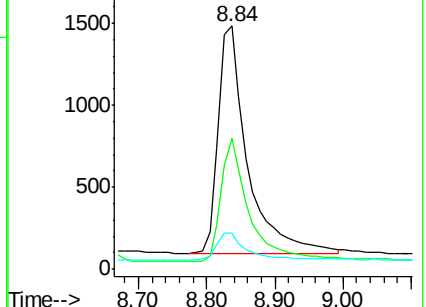
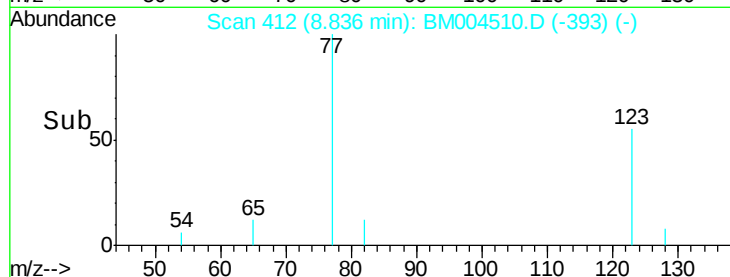
65 12.1 10.0 15.0



Abundance Ion 77.00 (76.70 to 77.70): BM004510.D (-393) (-)

Ion 123.00 (122.70 to 123.70): BM004510.D (-393) (-)

Ion 65.00 (64.70 to 65.70): BM004510.D (-393) (-)



#10

Naphthalene

Concen: 0.92 ng

RT: 10.44 min Scan# 550

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

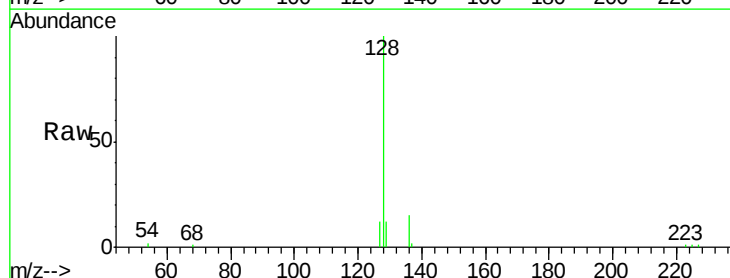
Tgt Ion: 128 Resp: 19083

Ion Ratio Lower Upper

128 100

129 12.2 9.8 14.6

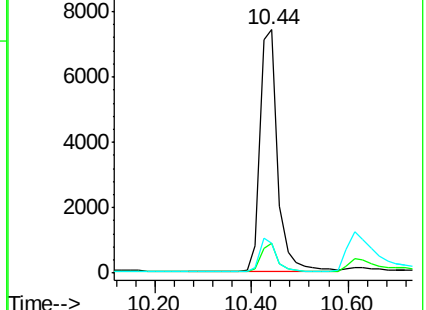
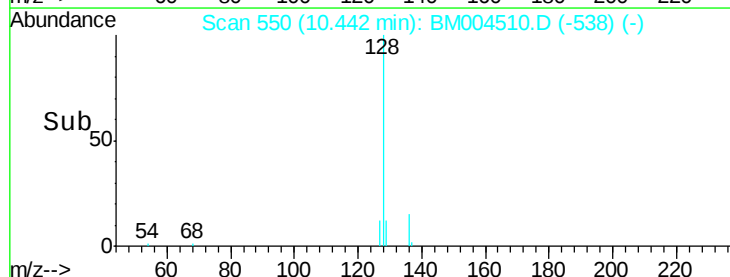
127 12.3 9.9 14.9

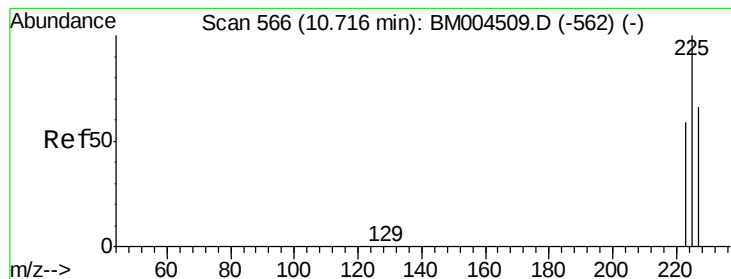


Abundance Ion 128.00 (127.70 to 128.70): BM004510.D (-538) (-)

Ion 129.00 (128.70 to 129.70): BM004510.D (-538) (-)

Ion 127.00 (126.70 to 127.70): BM004510.D (-538) (-)





#11

Hexachlorobutadiene

Concen: 0.93 ng

RT: 10.72 min Scan# 566

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

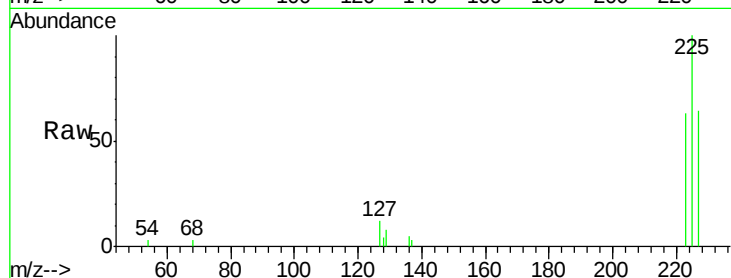
Tot Ion:225 Resp: 3308

Ion Ratio Lower Upper

225 100

223 63.6 50.7 76.1

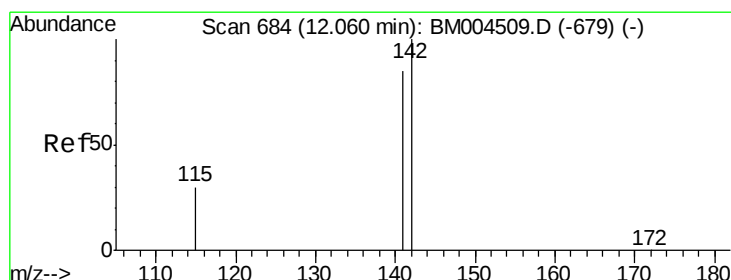
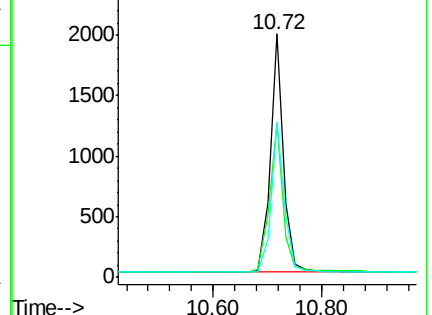
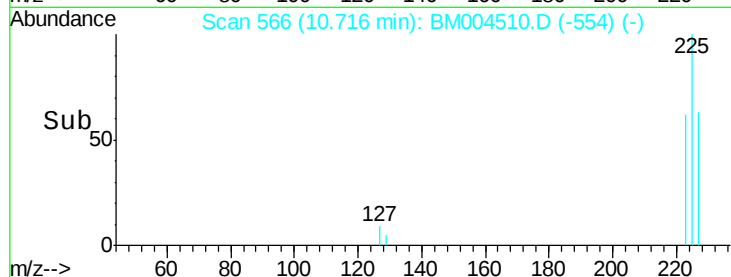
227 63.8 51.1 76.7



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: 0.92 ng

RT: 12.08 min Scan# 686

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

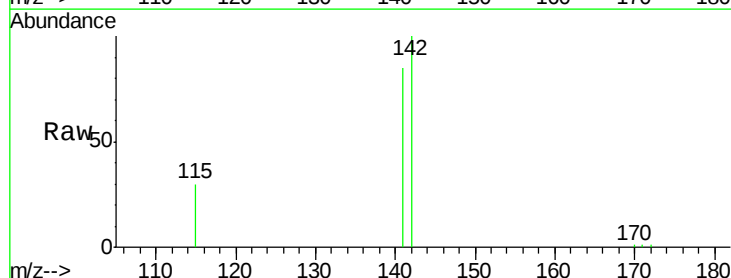
Tgt Ion:142 Resp: 11524

Ion Ratio Lower Upper

142 100

141 84.7 68.5 102.7

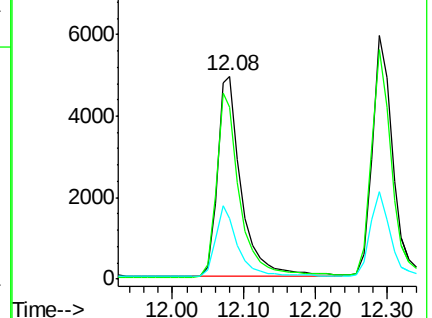
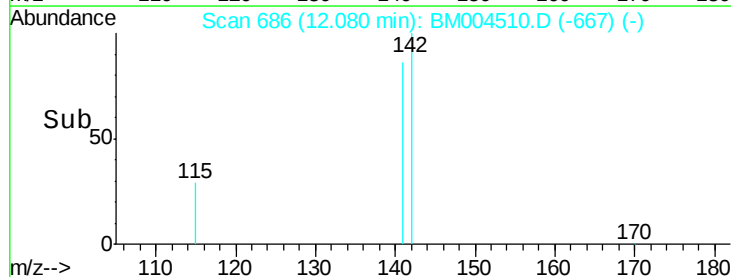
115 29.7 24.6 36.8

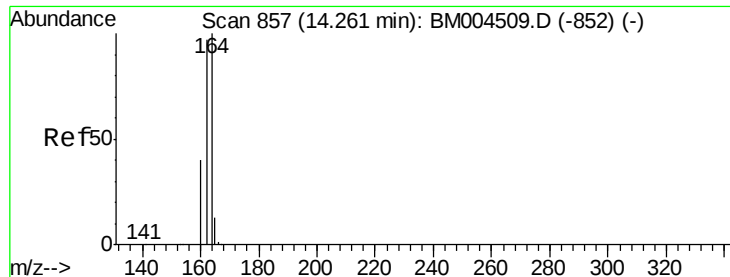


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.26 min Scan# 857

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

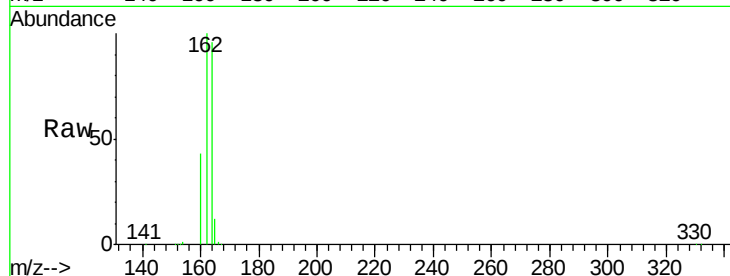
Tot Ion:164 Resp: 44174

Ion Ratio Lower Upper

164 100

162 104.4 81.6 122.4

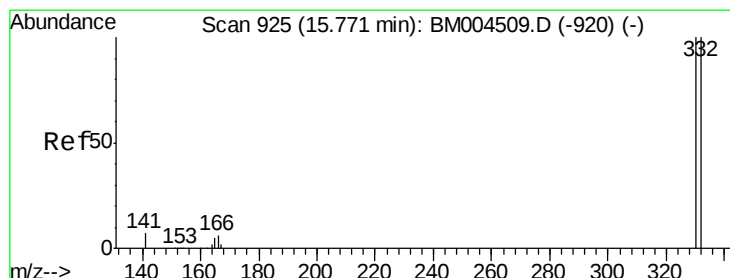
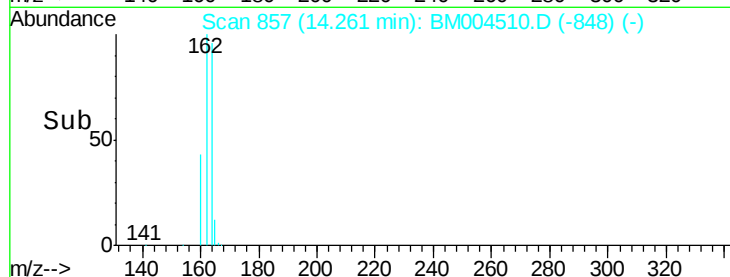
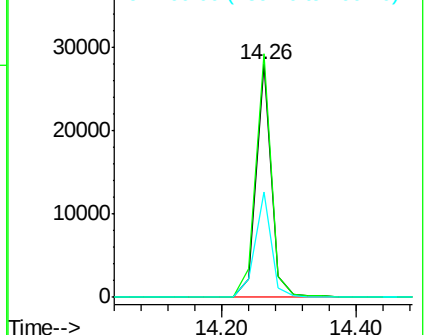
160 44.9 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.87 ng

RT: 15.79 min Scan# 926

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

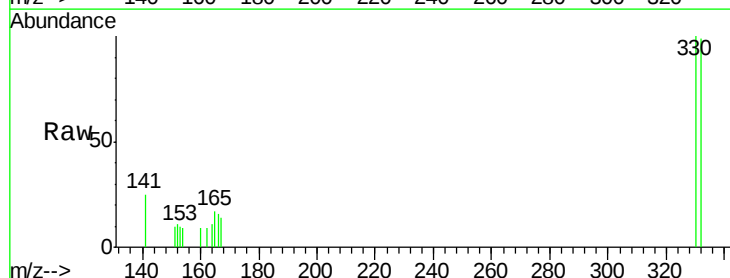
Tgt Ion:330 Resp: 1080

Ion Ratio Lower Upper

330 100

332 96.9 76.6 114.8

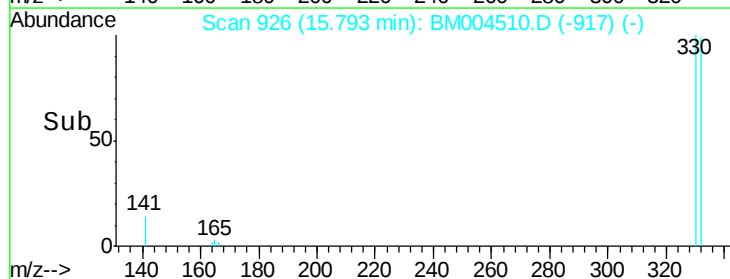
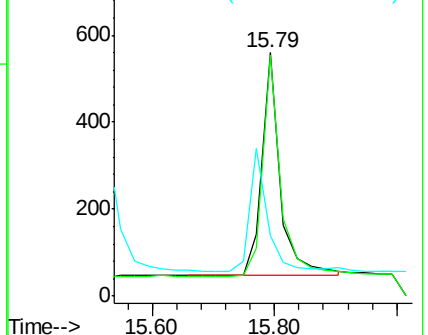
141 0.0 0.0 0.0

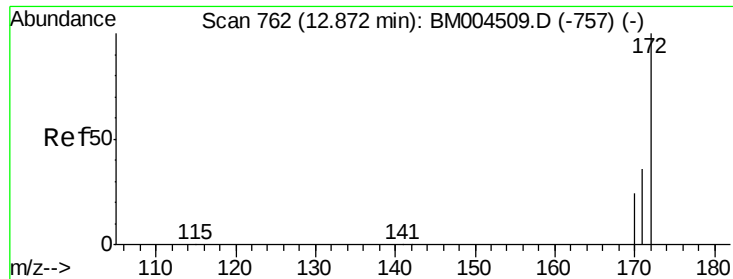


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

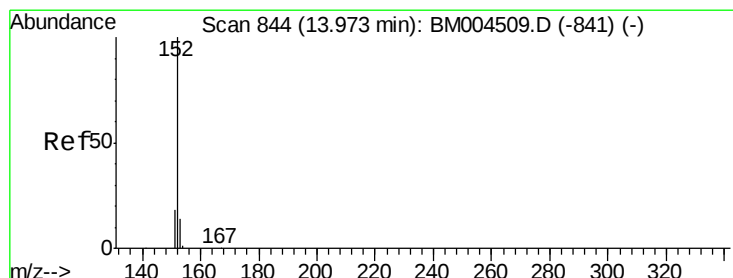
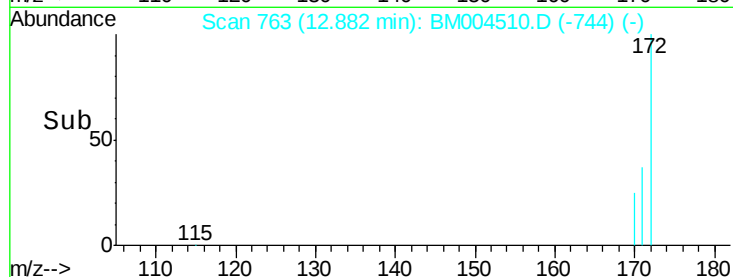
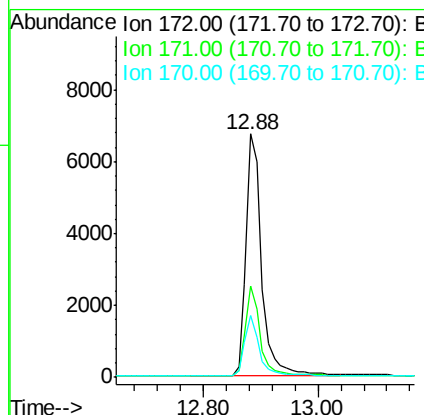
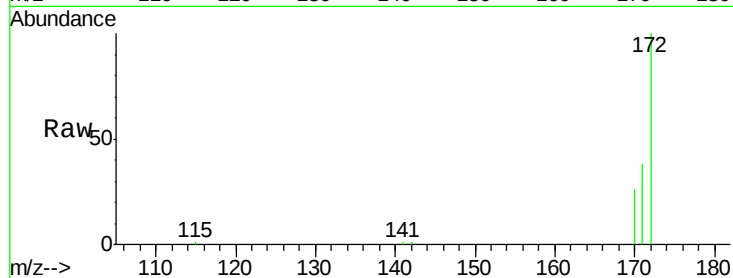




#15
2-Fluorobiphenyl
Concen: 0.94 ng
RT: 12.88 min Scan# 763
Delta R.T. -0.00 min
Lab File: BM004510.D
Acq: 02 Mar 2016 08:57

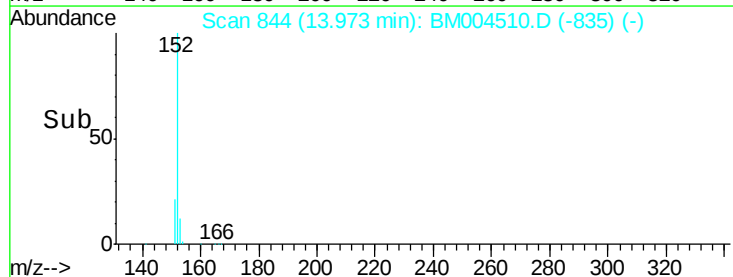
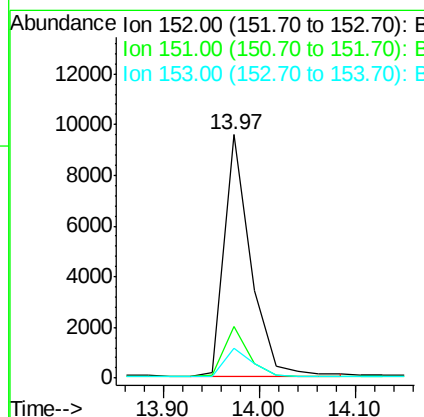
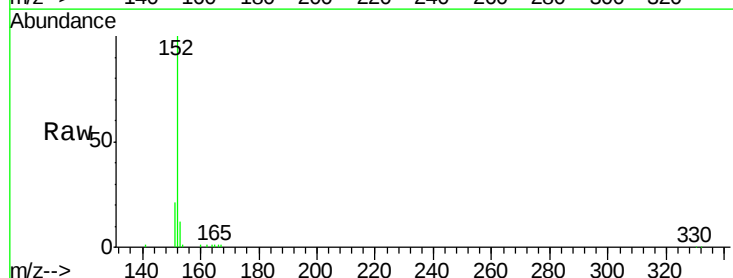
Instrument :
BNA_M
ClientSampleId :
ICVBM030116

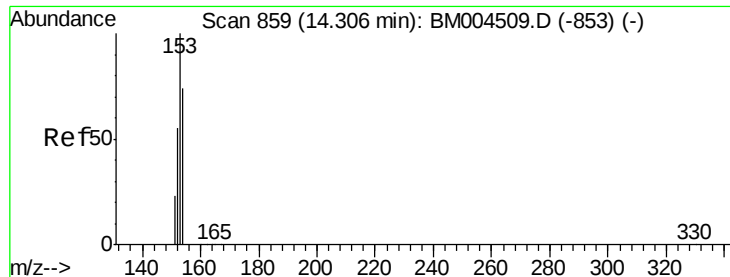
Tot Ion:172 Resp: 12740
Ion Ratio Lower Upper
172 100
171 37.7 29.5 44.3
170 25.6 20.2 30.2



#16
Acenaphthylene
Concen: 0.91 ng
RT: 13.97 min Scan# 844
Delta R.T. -0.00 min
Lab File: BM004510.D
Acq: 02 Mar 2016 08:57

Tgt Ion:152 Resp: 18464
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.6
153 12.8 10.2 15.4





#17

Acenaphthene

Concen: 0.94 ng

RT: 14.33 min Scan# 860

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

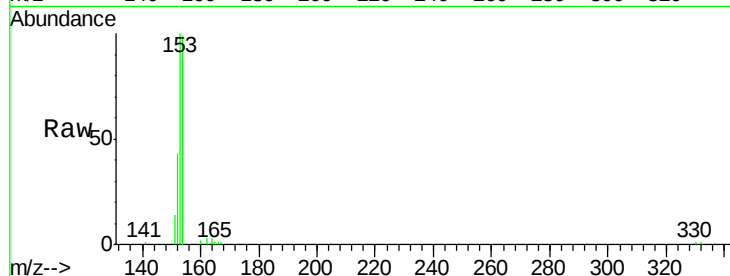
Tot Ion:154 Resp: 11582

Ion Ratio Lower Upper

154 100

153 111.3 88.7 133.1

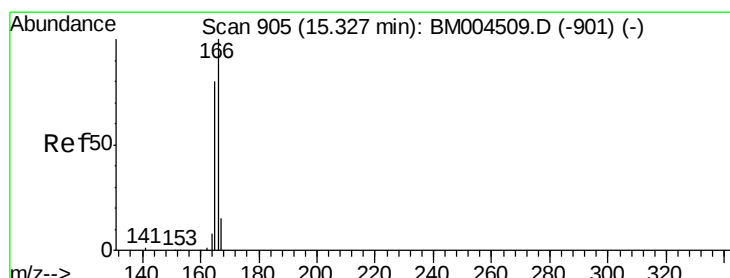
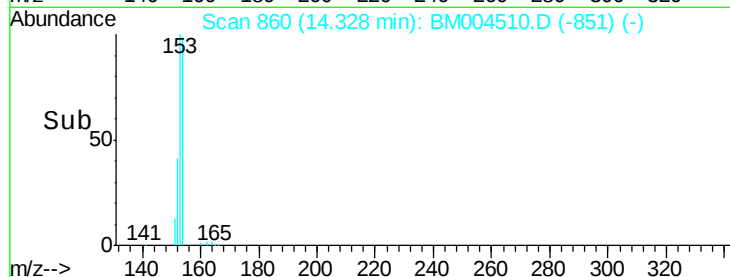
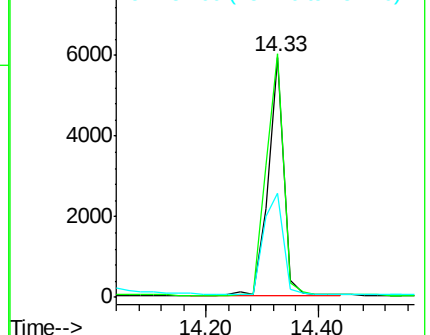
152 53.0 41.8 62.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18

Fluorene

Concen: 0.97 ng

RT: 15.33 min Scan# 905

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

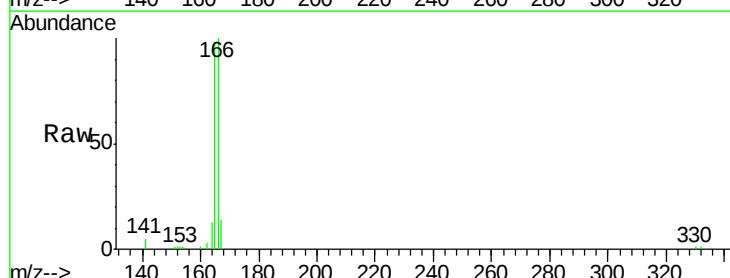
Tgt Ion:166 Resp: 14604

Ion Ratio Lower Upper

166 100

165 98.0 77.8 116.6

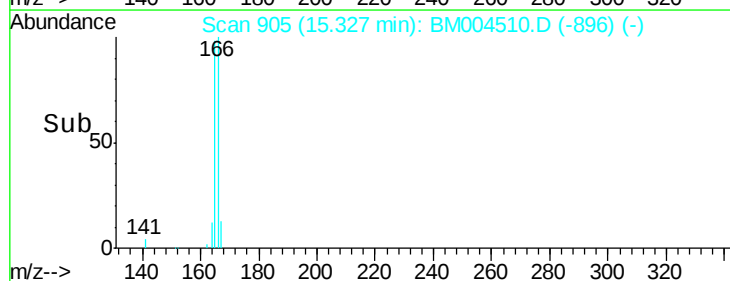
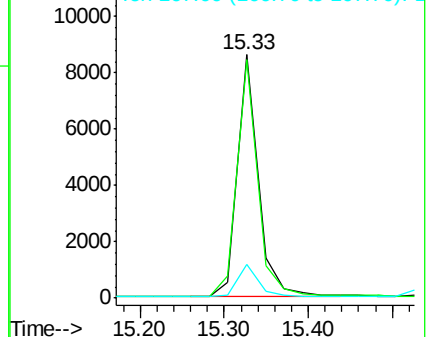
167 13.3 10.8 16.2

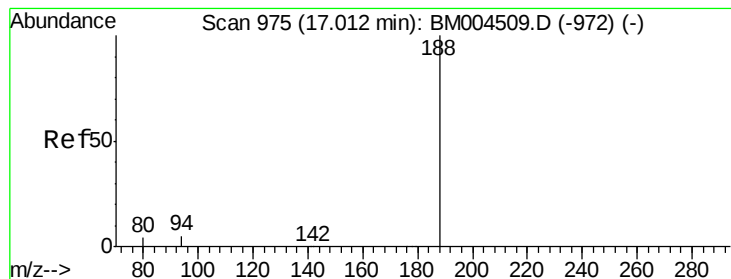


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.01 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

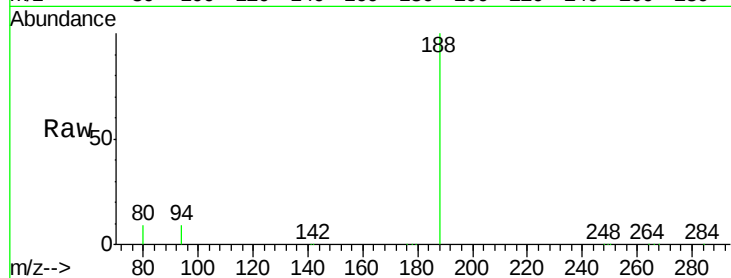
Tot Ion:188 Resp: 98014

Ion Ratio Lower Upper

188 100

94 9.2 6.3 9.5

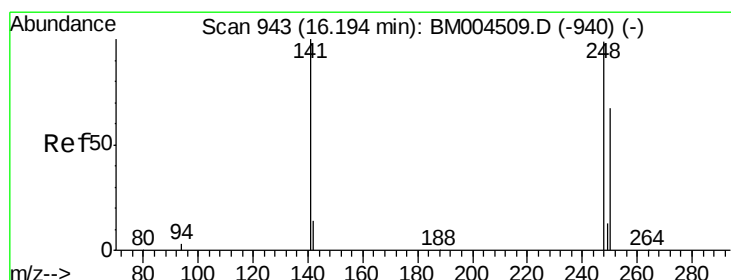
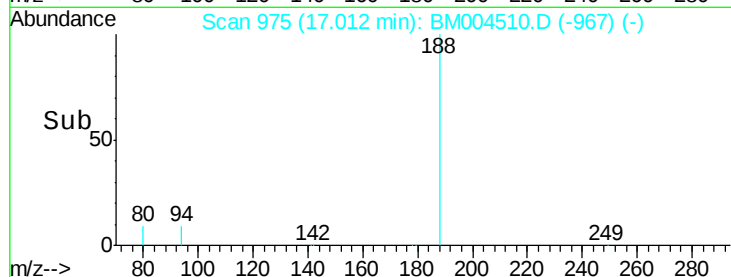
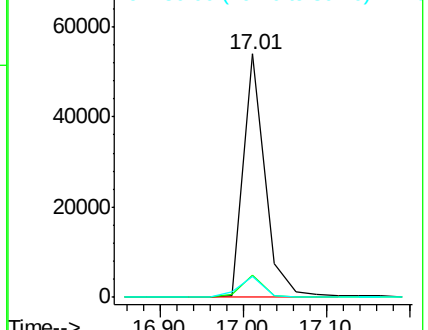
80 8.7 5.9 8.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#20

4-Bromophenyl-phenylether

Concen: 0.94 ng

RT: 16.22 min Scan# 944

Delta R.T. 0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

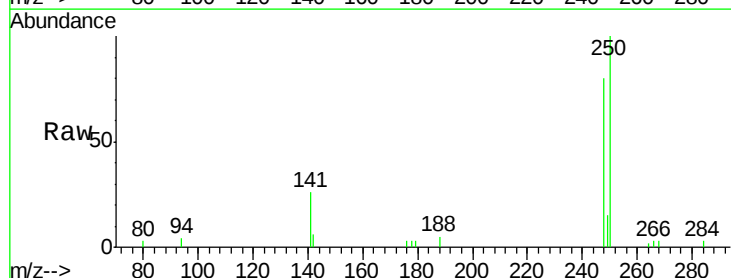
Tgt Ion:248 Resp: 3292

Ion Ratio Lower Upper

248 100

250 108.9 85.8 128.8

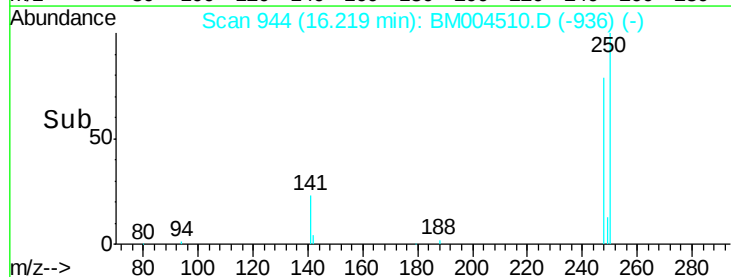
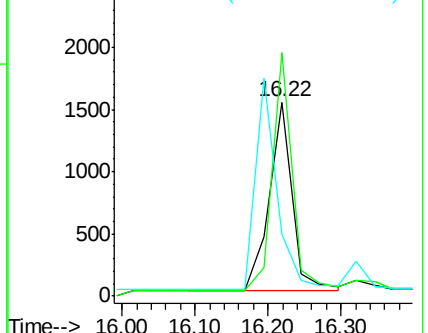
141 0.0 0.0 0.0

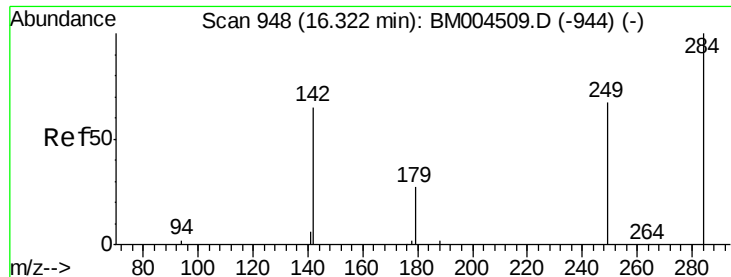


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

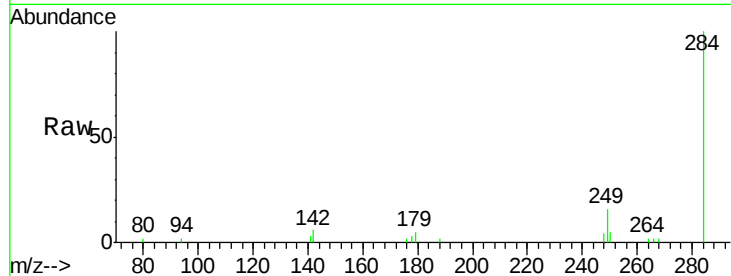




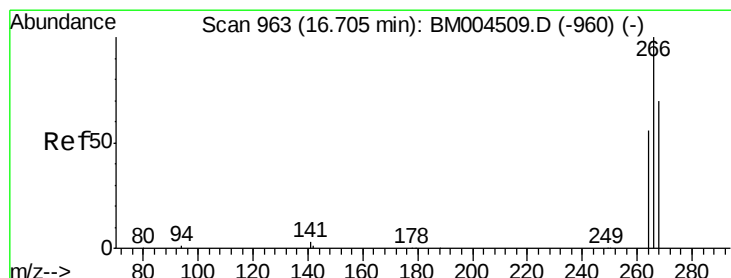
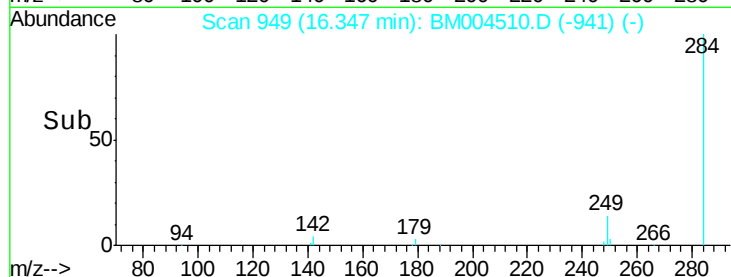
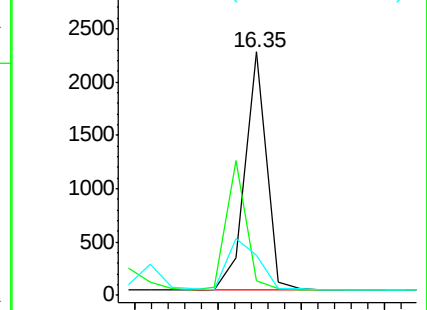
#21
Hexachlorobenzene
Concen: 1.06 ng
RT: 16.35 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM004510.D
Acq: 02 Mar 2016 08:57

Instrument :
BNA_M
ClientSampleId :
ICVBM030116

Tot Ion:284 Resp: 4046
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0

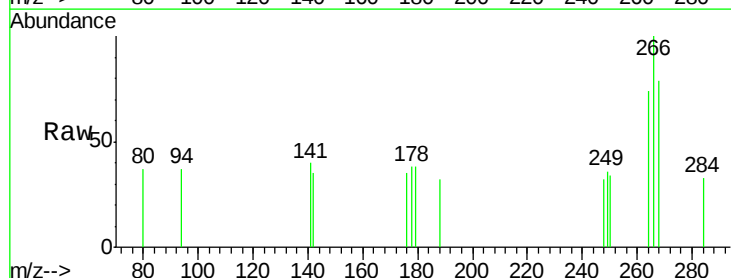


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

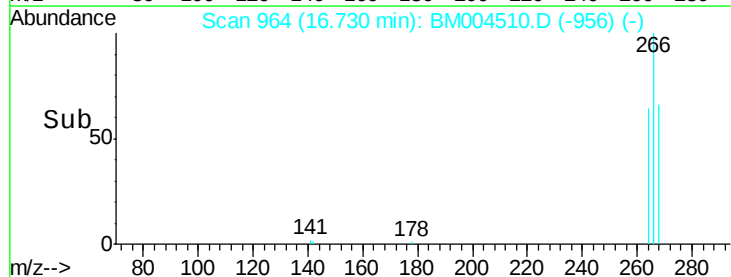
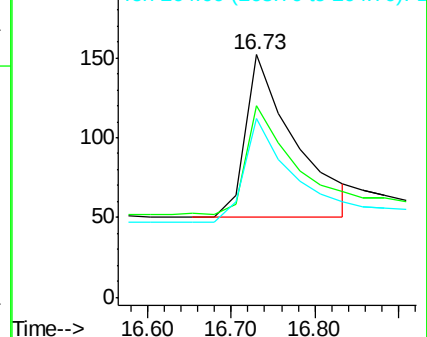


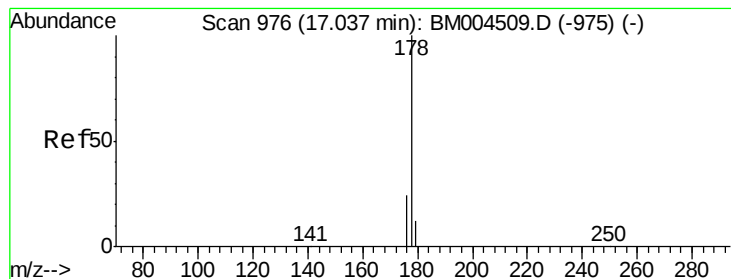
#22
Pentachlorophenol
Concen: 0.82 ng
RT: 16.73 min Scan# 964
Delta R.T. 0.00 min
Lab File: BM004510.D
Acq: 02 Mar 2016 08:57

Tgt Ion:266 Resp: 419
Ion Ratio Lower Upper
266 100
268 78.9 63.0 94.6
264 73.7 59.6 89.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#23

Phenanthrene

Concen: 1.05 ng

RT: 17.06 min Scan# 977

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

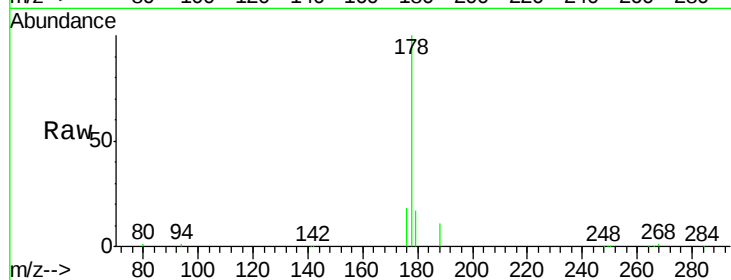
Tot Ion:178 Resp: 21980

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

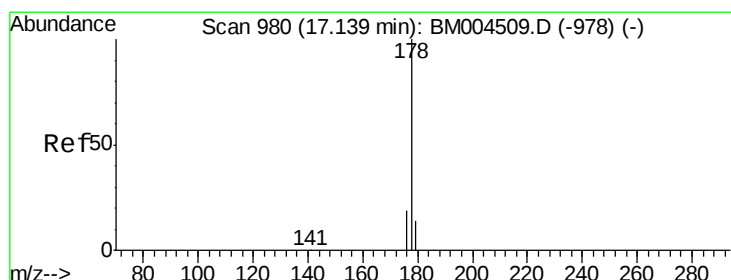
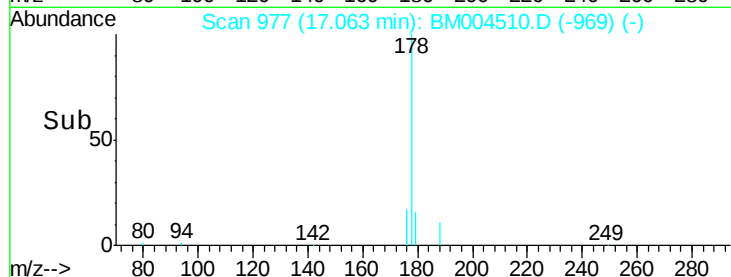
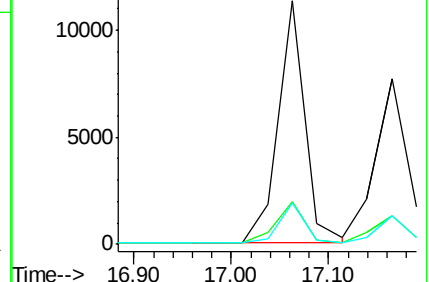
179 16.1 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.90 ng

RT: 17.16 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

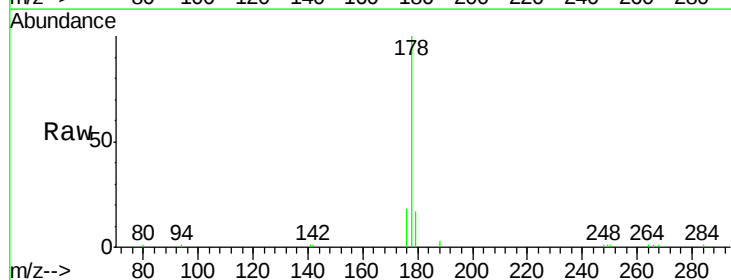
Tgt Ion:178 Resp: 17833

Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

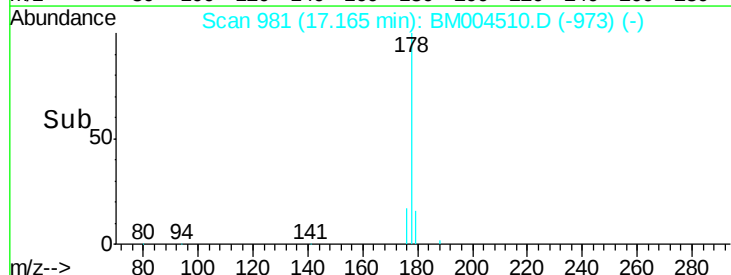
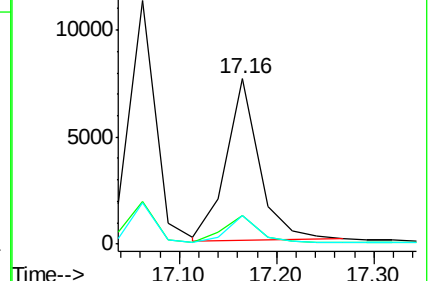
179 15.1 12.2 18.4

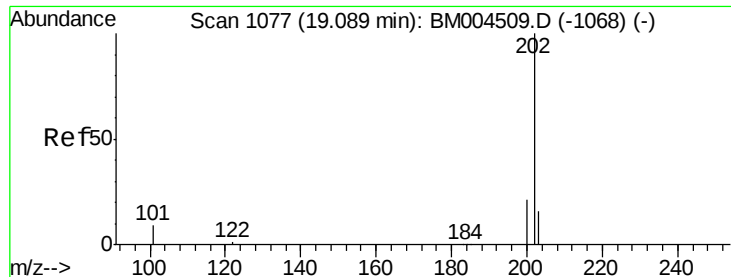


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

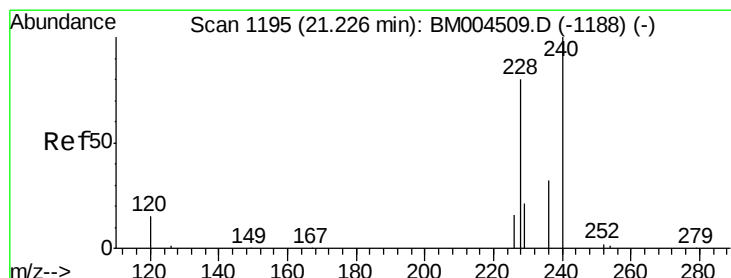
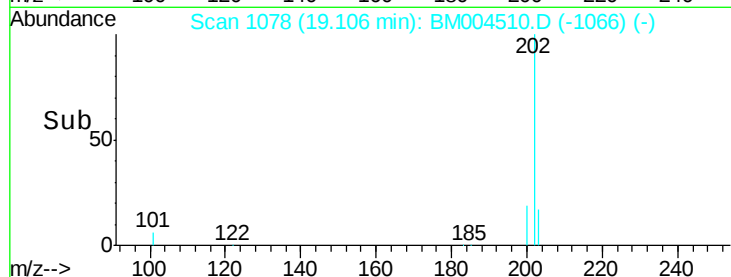
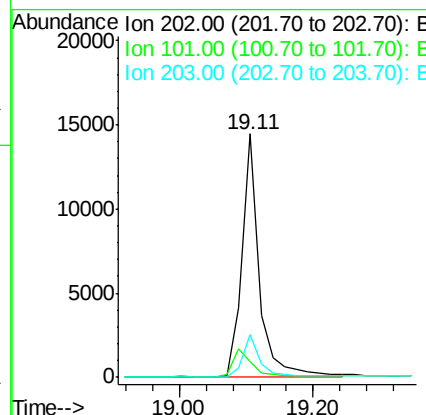
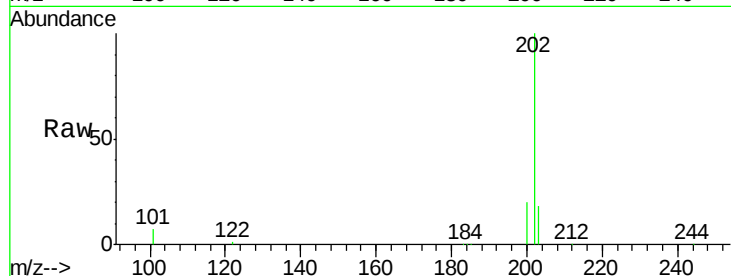




#25
 Fluoranthene
 Concen: 0.98 ng
 RT: 19.11 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: BM004510.D
 Acq: 02 Mar 2016 08:57

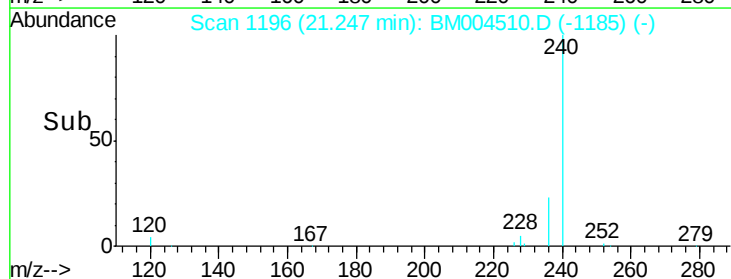
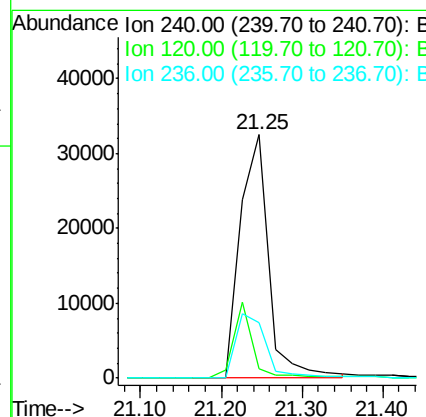
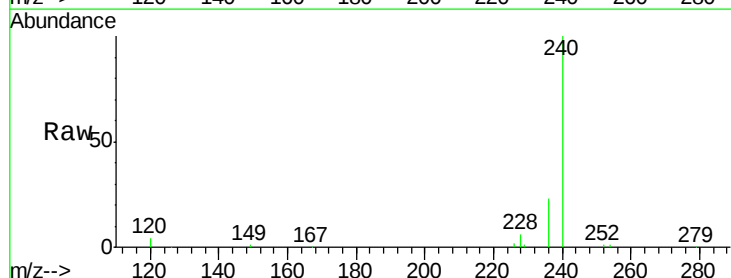
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM030116

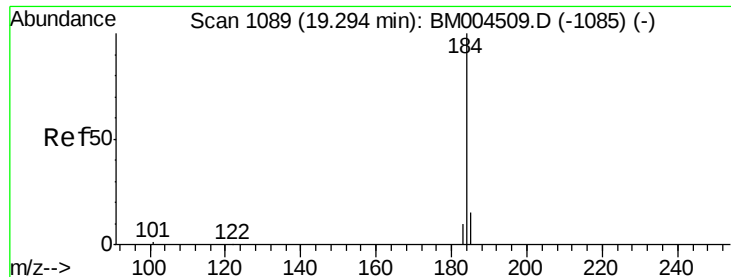
Tot Ion:202 Resp: 25710
 Ion Ratio Lower Upper
 202 100
 101 12.2 9.8 14.8
 203 17.1 13.8 20.8



#26
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.25 min Scan# 1196
 Delta R.T. 0.02 min
 Lab File: BM004510.D
 Acq: 02 Mar 2016 08:57

Tgt Ion:240 Resp: 78622
 Ion Ratio Lower Upper
 240 100
 120 3.9 18.9 28.3#
 236 23.0 26.4 39.6#





#27

Benzidine

Concen: 0.90 ng

RT: 19.33 min Scan# 1091

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

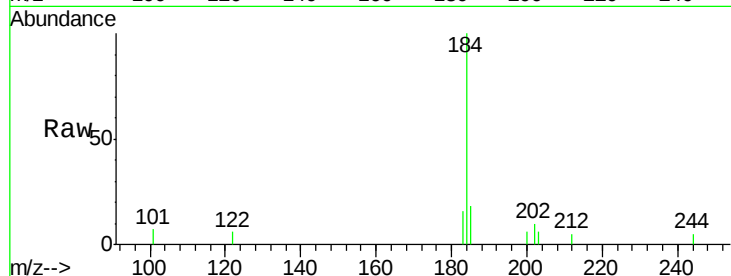
Tot Ion:184 Resp: 5886

Ion Ratio Lower Upper

184 100

185 18.3 15.0 22.4

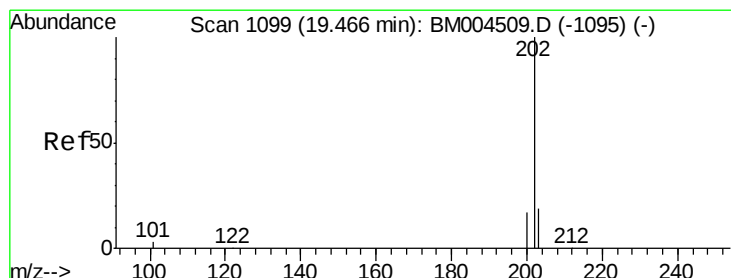
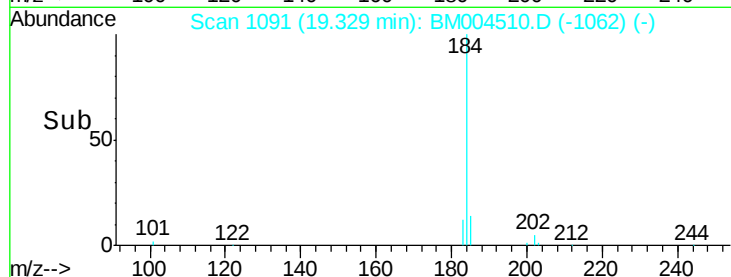
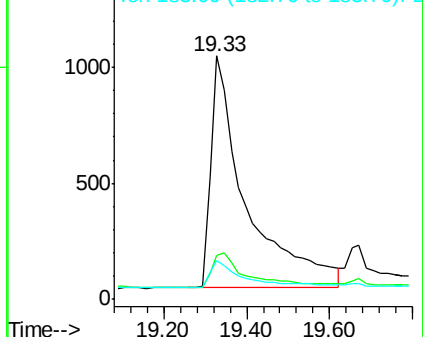
183 15.7 12.6 19.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#28

Pyrene

Concen: 0.99 ng

RT: 19.47 min Scan# 1099

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

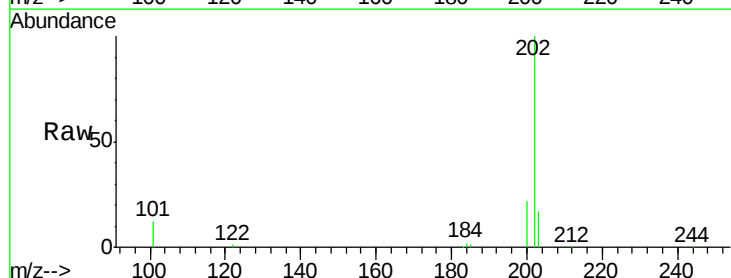
Tgt Ion:202 Resp: 27191

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

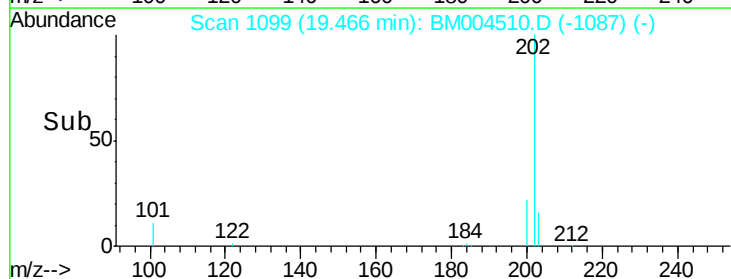
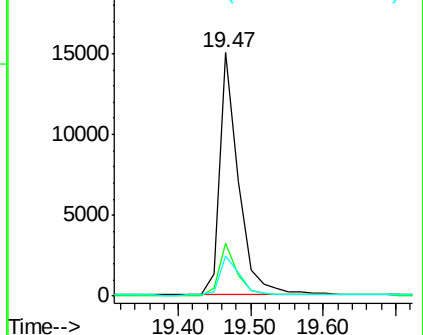
203 17.4 13.7 20.5

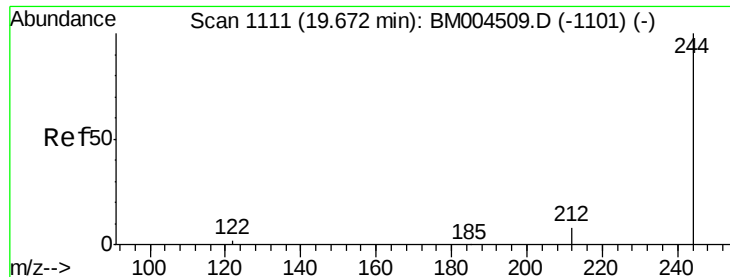


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.98 ng

RT: 19.67 min Scan# 1111

Delta R.T. 0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

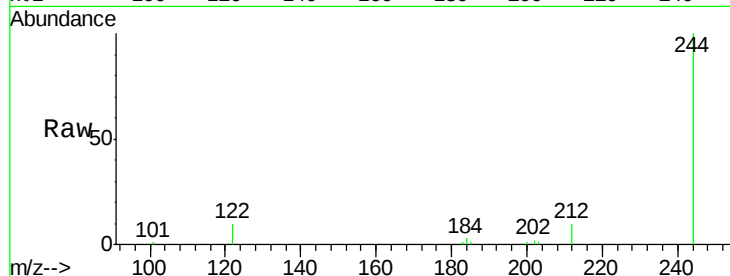
Tot Ion:244 Resp: 12541

Ion Ratio Lower Upper

244 100

212 10.1 7.8 11.6

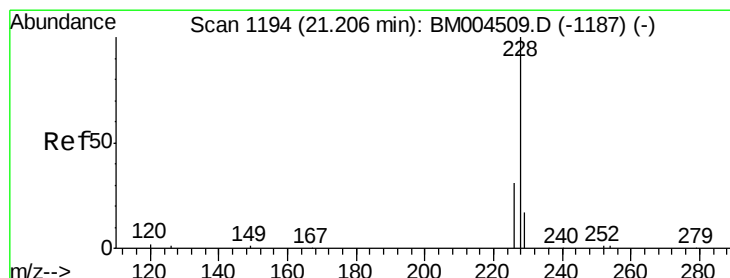
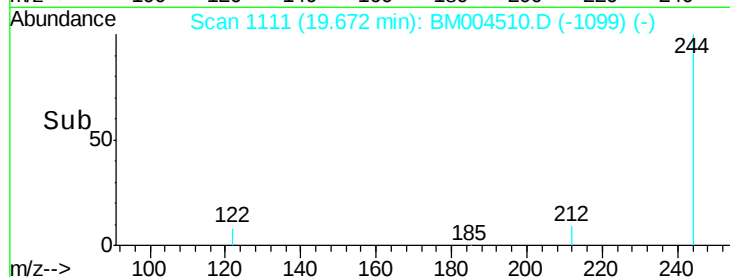
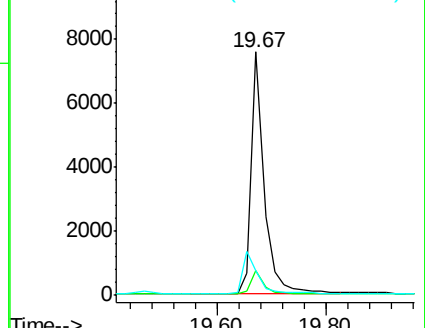
122 10.3 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.92 ng

RT: 21.23 min Scan# 1195

Delta R.T. 0.02 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

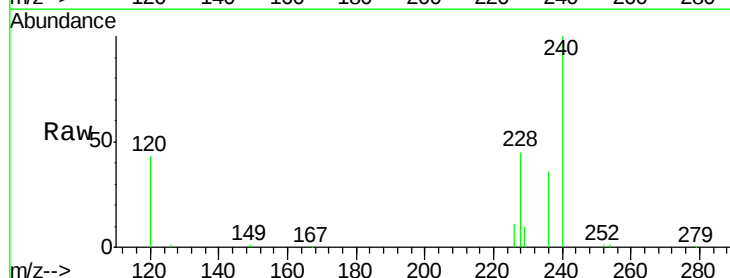
Tgt Ion:228 Resp: 21705

Ion Ratio Lower Upper

228 100

226 23.4 27.0 40.4#

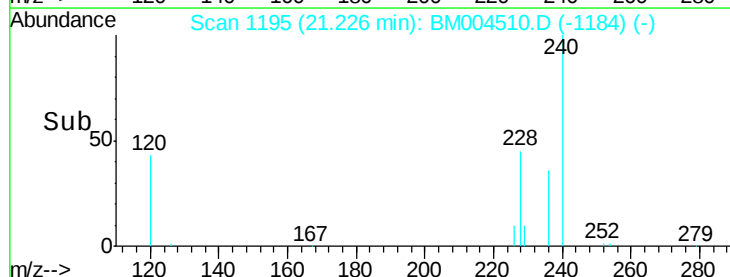
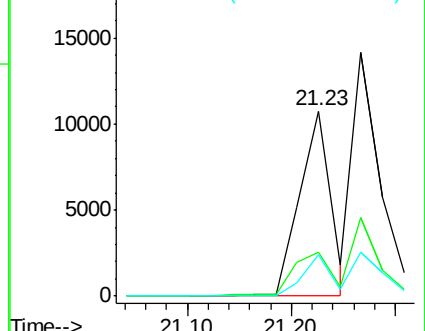
229 22.3 13.1 19.7#

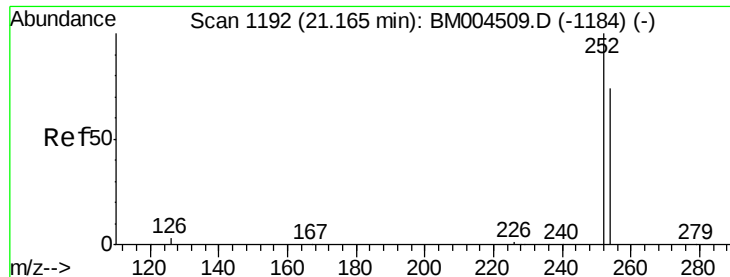


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

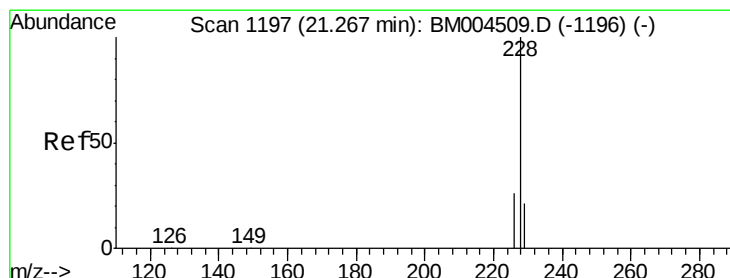
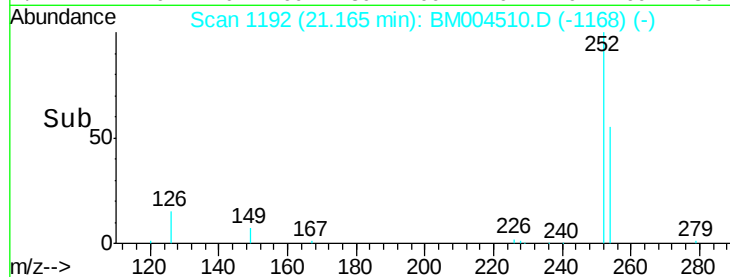
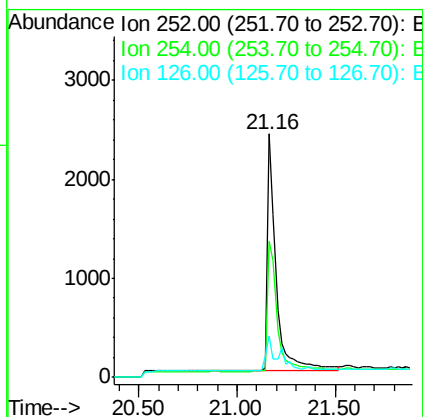
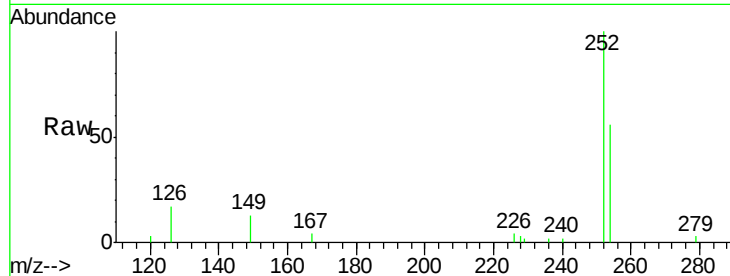




#31
 3,3'-Dichlorobenzidine
 Concen: 0.99 ng
 RT: 21.16 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BM004510.D
 Acq: 02 Mar 2016 08:57

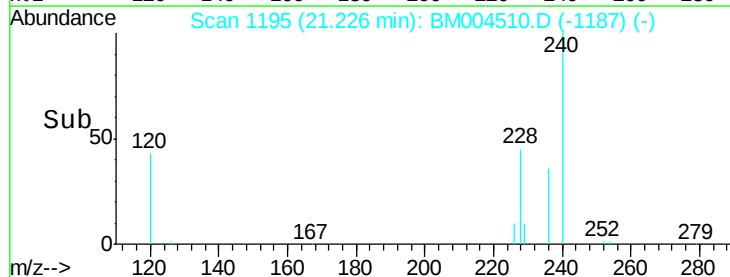
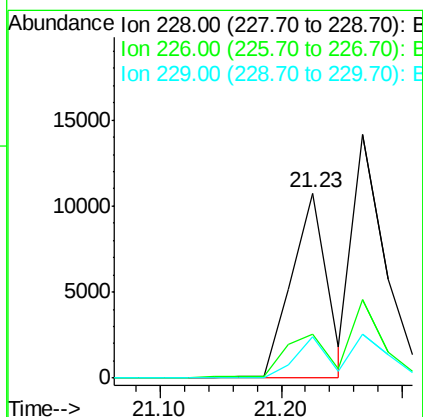
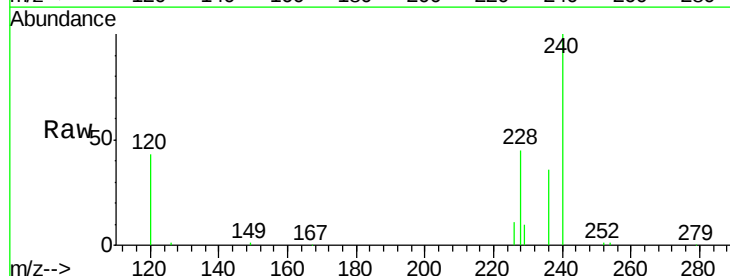
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM030116

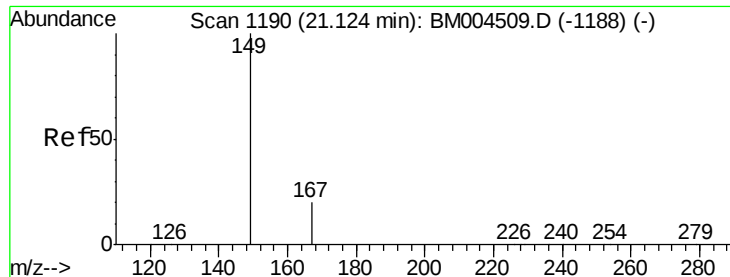
Tot Ion:252 Resp: 7427
 Ion Ratio Lower Upper
 252 100
 254 56.0 47.4 71.0
 126 17.2 11.0 16.6#



#32
 Chrysene
 Concen: 0.79 ng
 RT: 21.23 min Scan# 1195
 Delta R.T. -0.04 min
 Lab File: BM004510.D
 Acq: 02 Mar 2016 08:57

Tgt Ion:228 Resp: 21695
 Ion Ratio Lower Upper
 228 100
 226 23.4 24.6 37.0#
 229 22.3 15.2 22.8





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.81 ng

RT: 21.12 min Scan# 1190

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

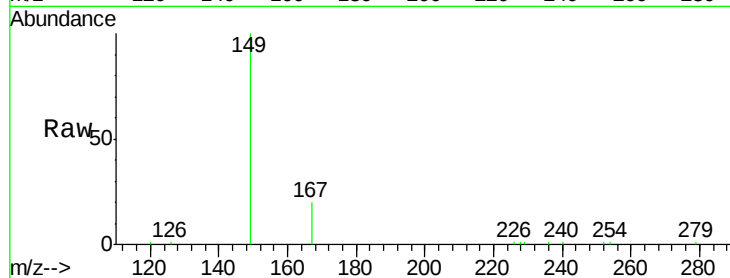
Tot Ion:149 Resp: 11528

Ion Ratio Lower Upper

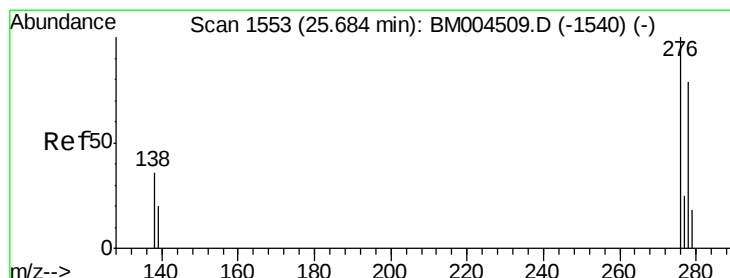
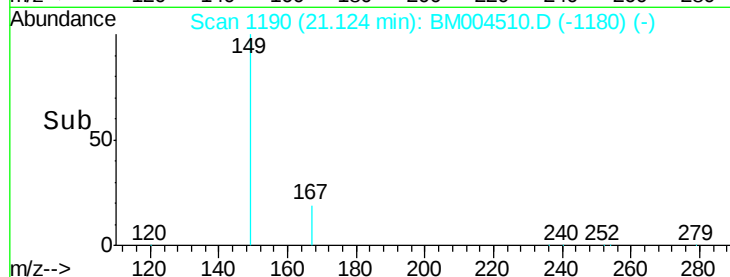
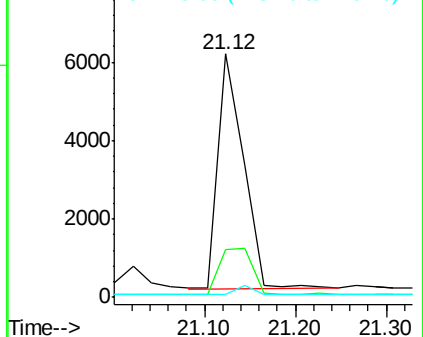
149 100

167 0.0 20.2 30.4#

279 0.0 0.0 0.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Indeno(1,2,3-cd)pyrene

Concen: 1.00 ng

RT: 25.70 min Scan# 1554

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

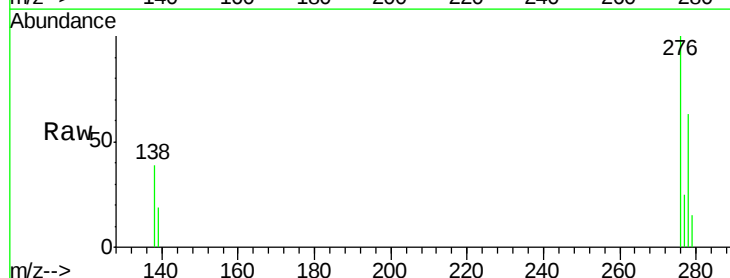
Tgt Ion:276 Resp: 23031

Ion Ratio Lower Upper

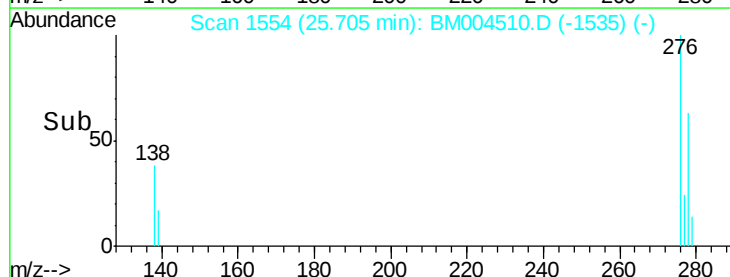
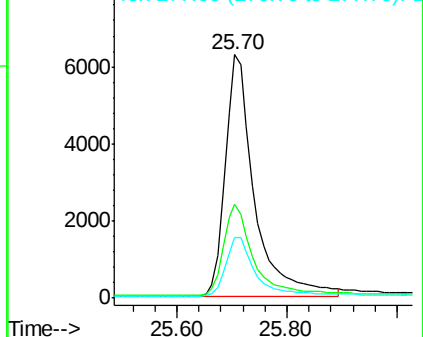
276 100

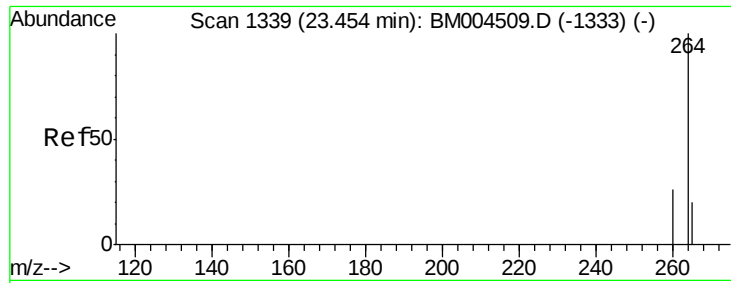
138 38.8 31.0 46.4

277 24.8 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

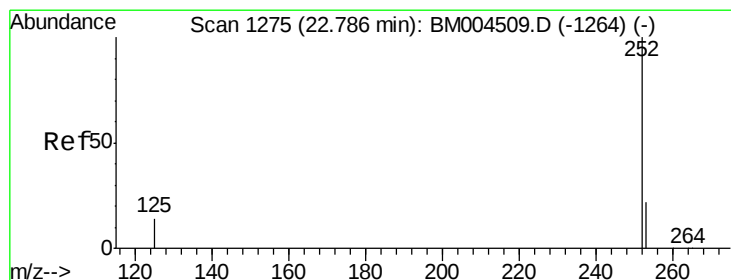
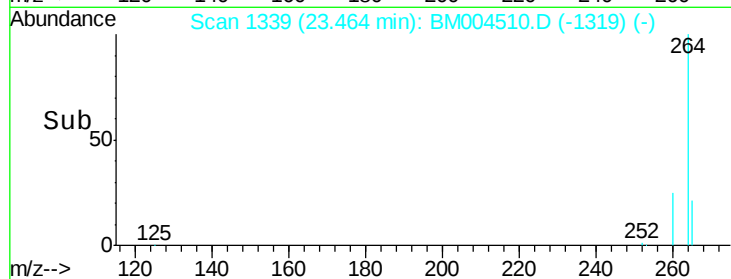
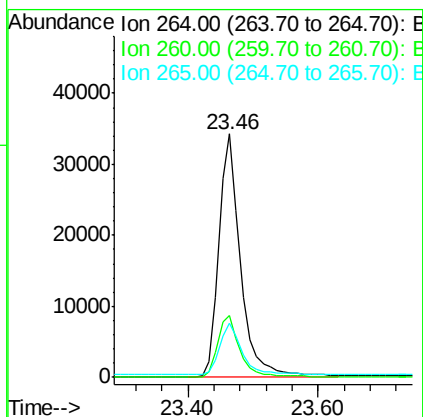
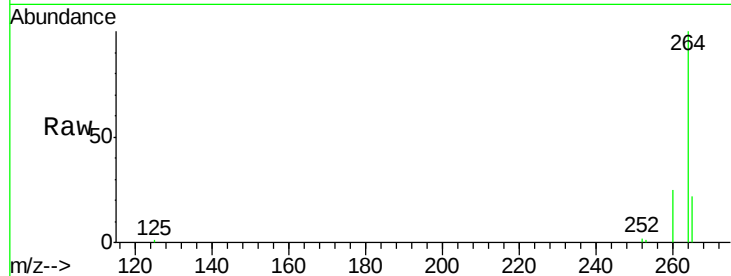




#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BM004510.D
 Acq: 02 Mar 2016 08:57

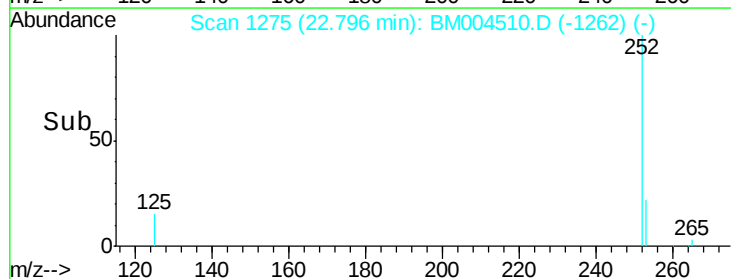
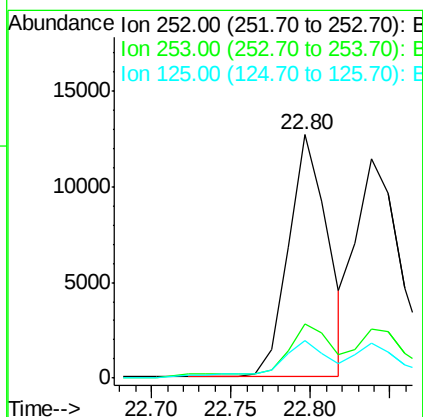
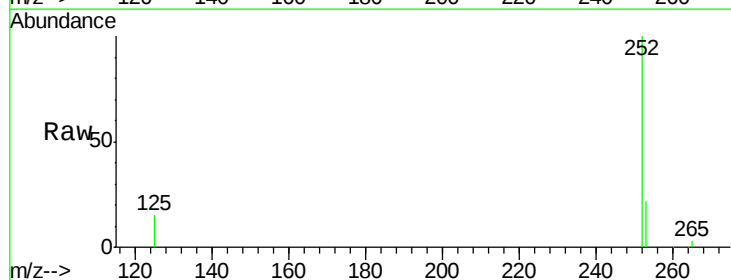
Instrument :
 BNA_M
 ClientSampleId :
 ICVBM030116

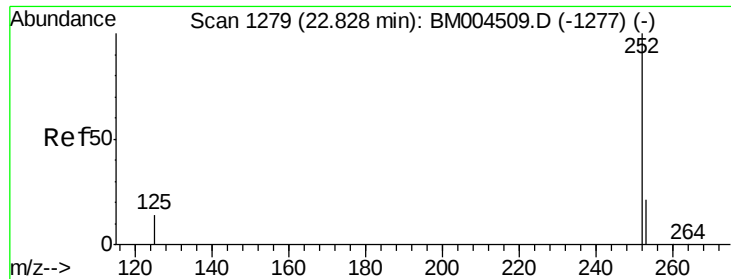
Tot Ion:264 Resp: 78915
 Ion Ratio Lower Upper
 264 100
 260 25.3 21.2 31.8
 265 22.4 17.4 26.0



#36
 Benzo(b)fluoranthene
 Concen: 0.85 ng
 RT: 22.80 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BM004510.D
 Acq: 02 Mar 2016 08:57

Tgt Ion:252 Resp: 21582
 Ion Ratio Lower Upper
 252 100
 253 22.1 19.0 28.4
 125 15.4 11.7 17.5

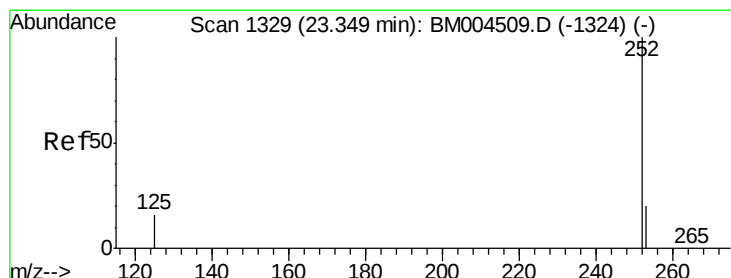
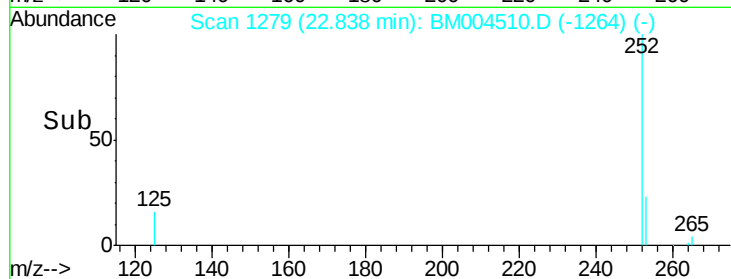
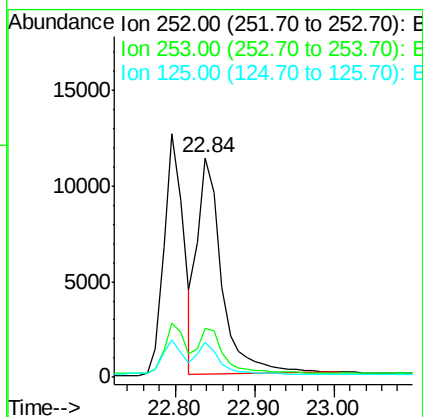
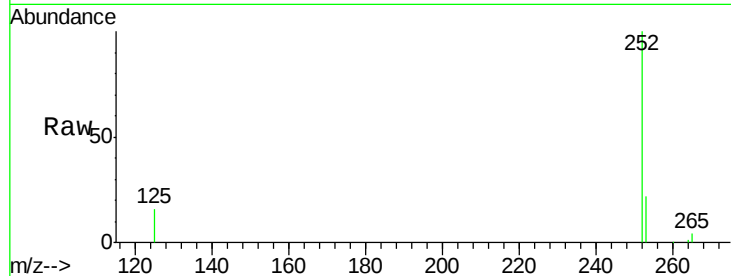




#37
Benzo(k)fluoranthene
Concen: 0.96 ng
RT: 22.84 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM004510.D
Acq: 02 Mar 2016 08:57

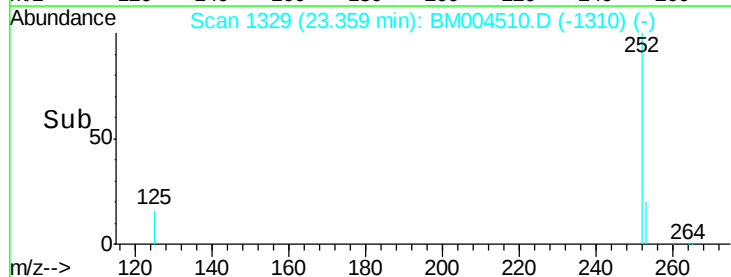
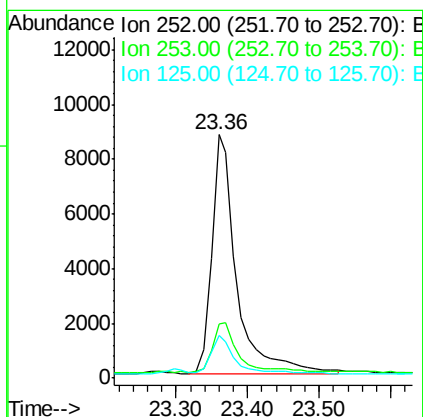
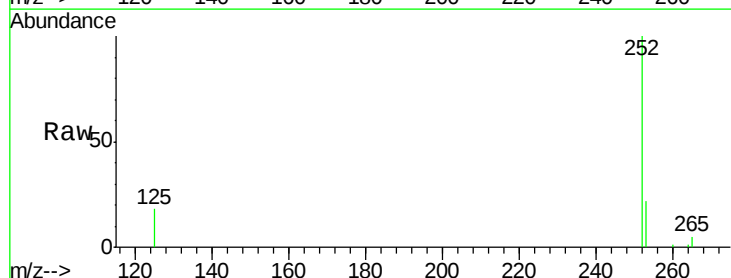
Instrument :
BNA_M
ClientSampleId :
ICVBM030116

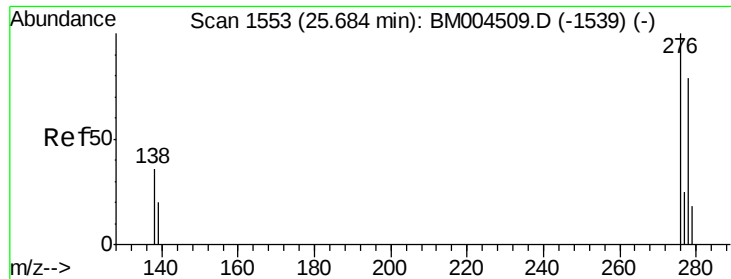
Tot Ion:252 Resp: 24055
Ion Ratio Lower Upper
252 100
253 22.5 18.9 28.3
125 15.7 11.9 17.9



#38
Benzo(a)pyrene
Concen: 0.91 ng
RT: 23.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM004510.D
Acq: 02 Mar 2016 08:57

Tgt Ion:252 Resp: 21270
Ion Ratio Lower Upper
252 100
253 22.4 19.0 28.6
125 17.7 13.7 20.5





#39

Dibenzo(a,h)anthracene

Concen: 0.91 ng

RT: 25.72 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

Instrument :

BNA_M

ClientSampleId :

ICVBM030116

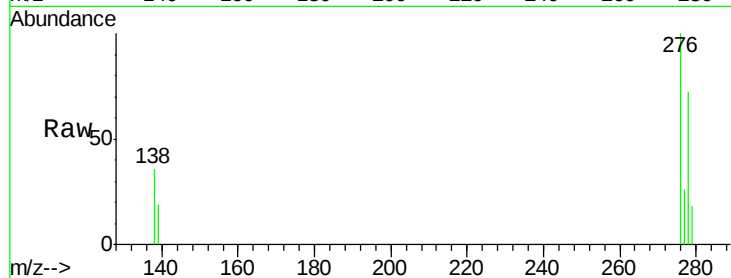
Tot Ion:278 Resp: 17558

Ion Ratio Lower Upper

278 100

139 26.5 22.6 33.8

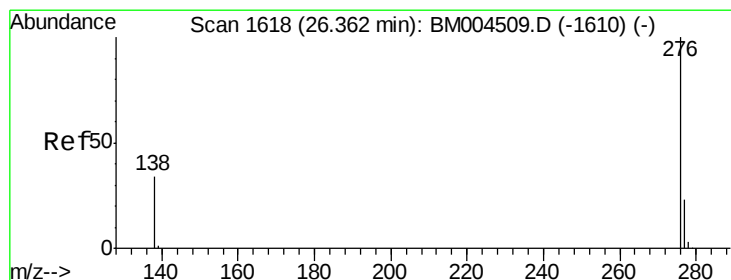
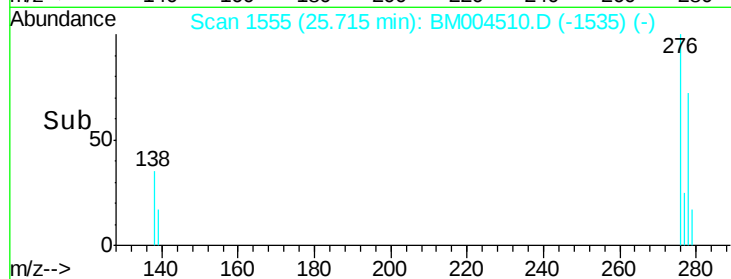
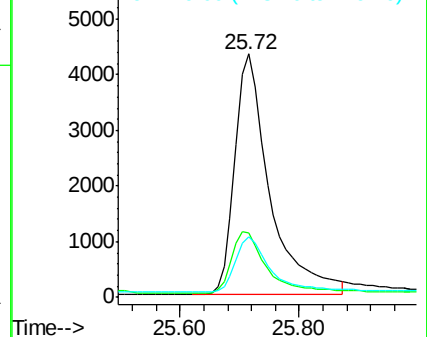
279 25.0 20.1 30.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Benzo(g,h,i)perylene

Concen: 0.91 ng

RT: 26.39 min Scan# 1620

Delta R.T. -0.00 min

Lab File: BM004510.D

Acq: 02 Mar 2016 08:57

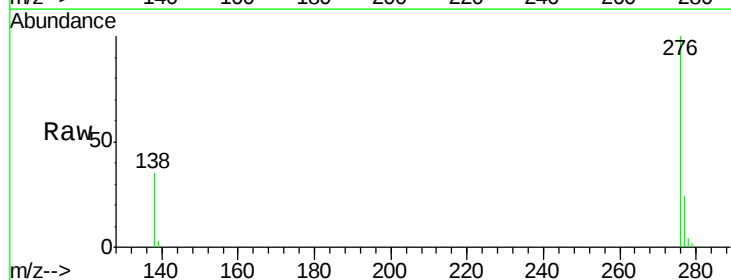
Tgt Ion:276 Resp: 20019

Ion Ratio Lower Upper

276 100

277 24.1 19.8 29.8

138 34.6 26.6 40.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

