

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
 Data File : BM001693.D
 Acq On : 13 Jun 2015 05:24
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jun 13 06:49:56 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 13 02:11:48 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	13525	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	49519	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	24015	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	74054	5.00	ng	0.00
25) Chrysene-d12	21.25	240	42838	5.00	ng	0.00
32) Perylene-d12	23.48	264	39291	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	3279	1.01	ng	0.00
5) Phenol-d6	6.83	99	4136	1.01	ng	0.00
7) Nitrobenzene-d5	8.83	82	3855	0.99	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	599	1.07	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	8591	1.01	ng	0.00
27) Terphenyl-d14	19.70	244	6252	0.98	ng	0.00

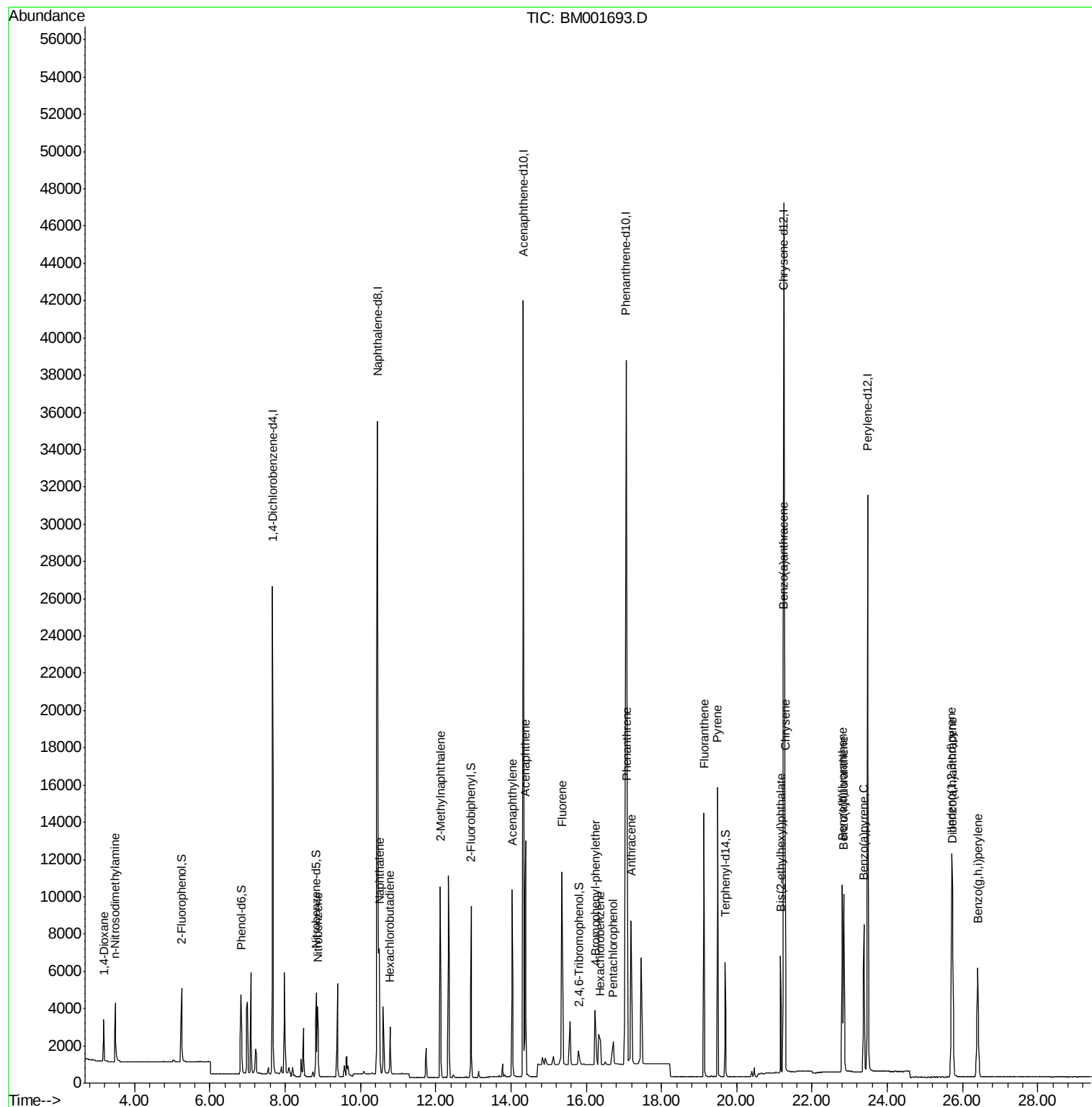
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	1598	1.09	ng	99
3) n-Nitrosodimethylamine	3.49	42	2428	0.99	ng	# 98
8) Nitrobenzene	8.87	77	4141	0.98	ng	100
9) Naphthalene	10.51	128	11845	0.99	ng	99
10) Hexachlorobutadiene	10.78	225	1973	0.98	ng	98
11) 2-Methylnaphthalene	12.13	142	7586	0.99	ng	97
15) Acenaphthylene	14.03	152	11414	0.99	ng	100
16) Acenaphthene	14.39	154	6964	0.99	ng	98
17) Fluorene	15.36	166	9677	0.93	ng	99
19) 4-Bromophenyl-phenylether	16.24	248	1698	1.21	ng	79
20) Hexachlorobenzene	16.38	284	2397	0.90	ng	# 100
21) Pentachlorophenol	16.72	266	1115	0.94	ng	98
22) Phenanthrene	17.09	178	19463	1.16	ng	100
23) Anthracene	17.19	178	11922	0.90	ng	100
24) Fluoranthene	19.13	202	13640	1.01	ng	99
26) Pyrene	19.49	202	14483	1.00	ng	99
28) Benzo(a)anthracene	21.24	228	13512	1.00	ng	99
29) Chrysene	21.28	228	12782	1.02	ng	97
30) Bis(2-ethylhexyl)phthalate	21.16	149	7416	1.03	ng	99
31) Indeno(1,2,3-cd)pyrene	25.71	276	13282	1.00	ng	99
33) Benzo(b)fluoranthene	22.80	252	12309	1.00	ng	98
34) Benzo(k)fluoranthene	22.84	252	11904	1.03	ng	95
35) Benzo(a)pyrene	23.38	252	10832	1.01	ng	98
36) Dibenzo(a,h)anthracene	25.73	278	10749	1.01	ng	98
37) Benzo(g,h,i)perylene	26.40	276	11143	1.00	ng	99

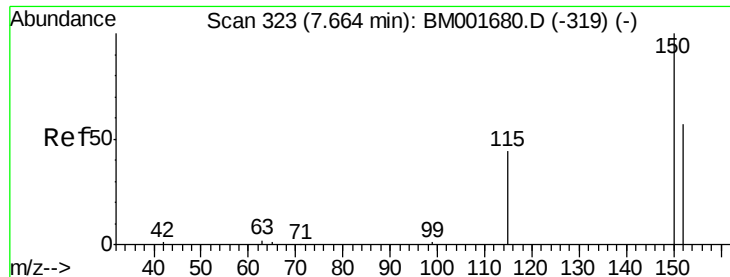
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
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QLast Update : Sat Jun 13 02:11:48 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

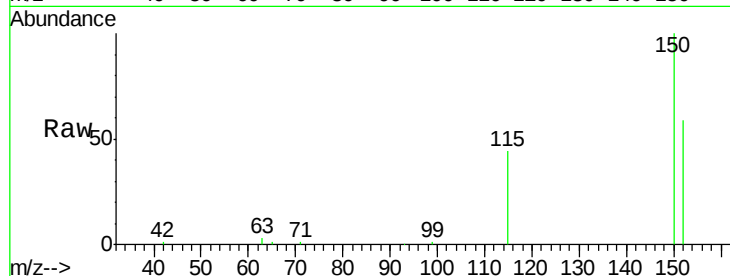
Tgt Ion:152 Resp: 13525

Ion Ratio Lower Upper

152 100

150 170.0 139.6 209.4

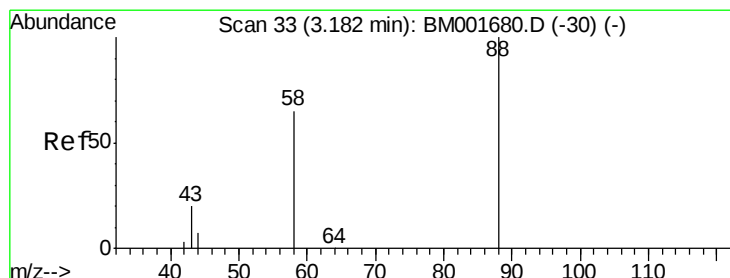
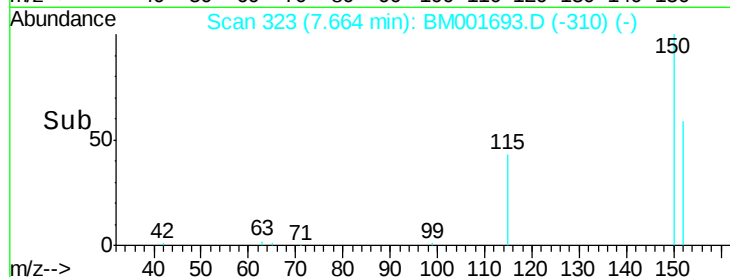
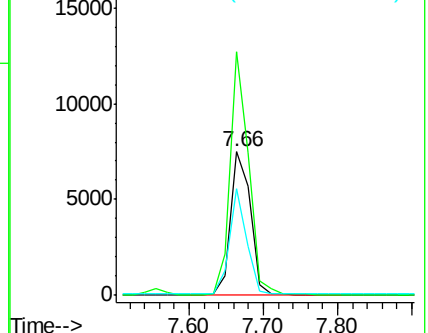
115 74.2 62.5 93.7



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: 1.09 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

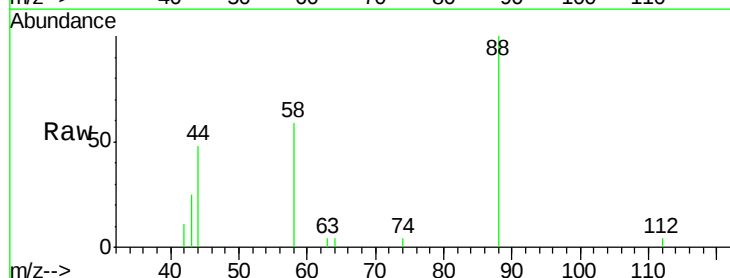
Tgt Ion: 88 Resp: 1598

Ion Ratio Lower Upper

88 100

58 84.0 68.1 102.1

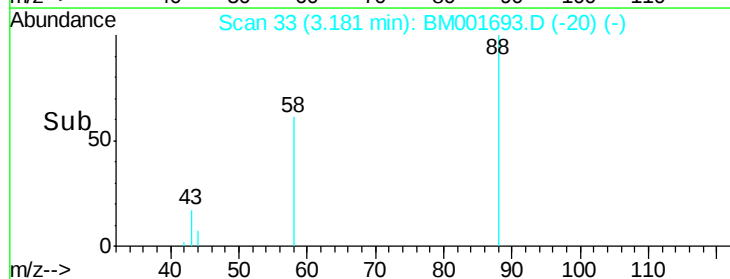
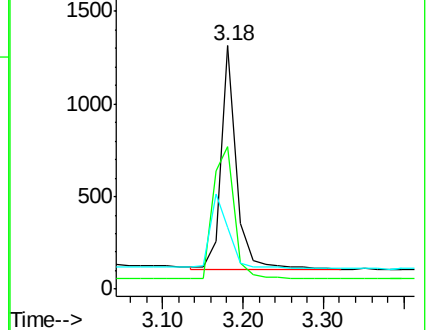
43 40.5 31.8 47.6

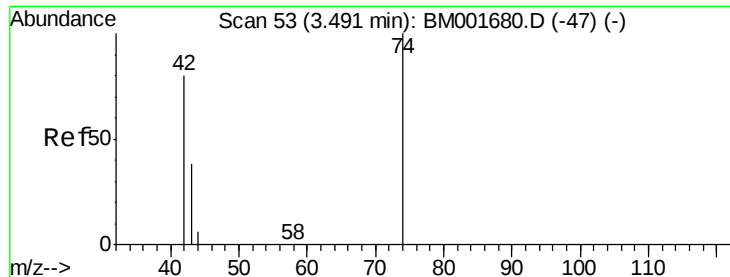


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.99 ng

RT: 3.49 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

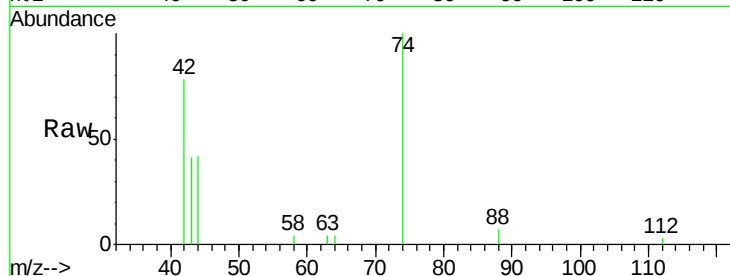
Tgt Ion: 42 Resp: 2428

Ion Ratio Lower Upper

42 100

74 98.8 80.5 120.7

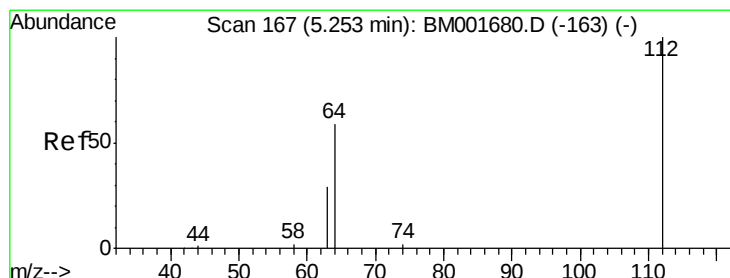
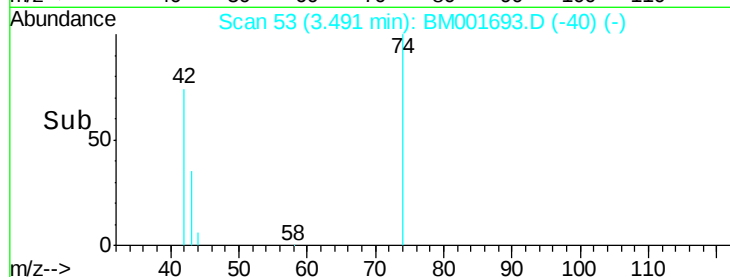
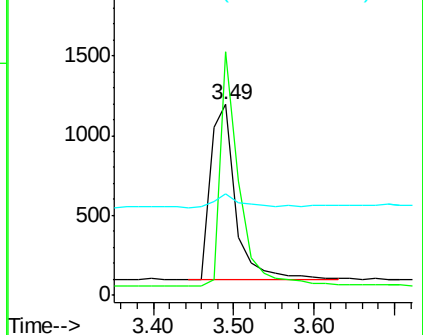
44 8.3 5.4 8.0#



Abundance Ion 42.00 (41.70 to 42.70): BM001680.D (-47) (-)

Ion 74.00 (73.70 to 74.70): BM001680.D (-47) (-)

Ion 44.00 (43.70 to 44.70): BM001680.D (-47) (-)



#4

2-Fluorophenol

Concen: 1.01 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

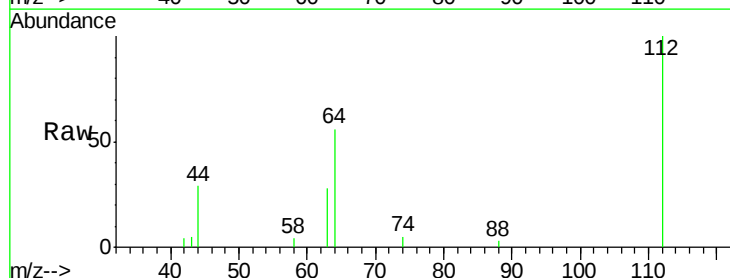
Tgt Ion: 112 Resp: 3279

Ion Ratio Lower Upper

112 100

64 68.2 54.9 82.3

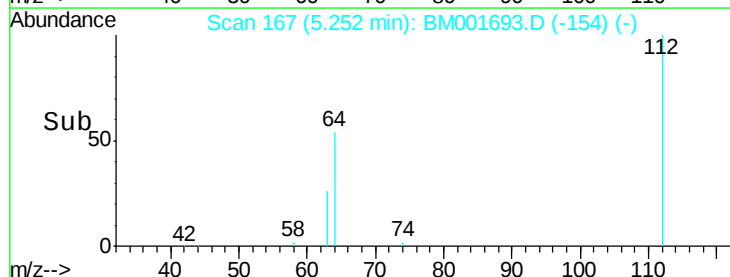
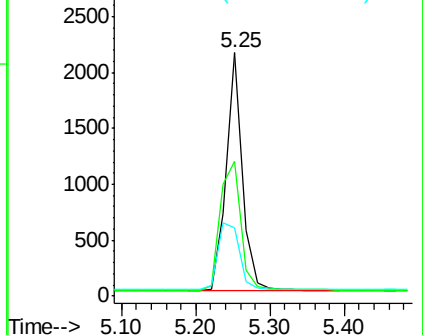
63 37.2 30.5 45.7

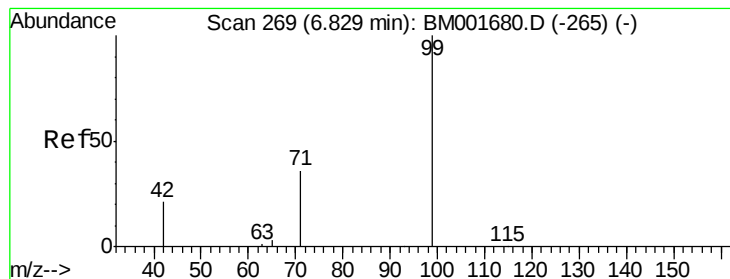


Abundance Ion 112.00 (111.70 to 112.70): BM001680.D (-163) (-)

Ion 64.00 (63.70 to 64.70): BM001680.D (-163) (-)

Ion 63.00 (62.70 to 63.70): BM001680.D (-163) (-)





#5

Phenol-d6

Concen: 1.01 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

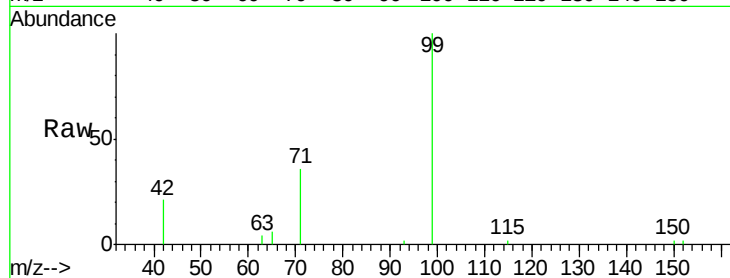
Tgt Ion: 99 Resp: 4136

Ion Ratio Lower Upper

99 100

42 26.4 21.0 31.6

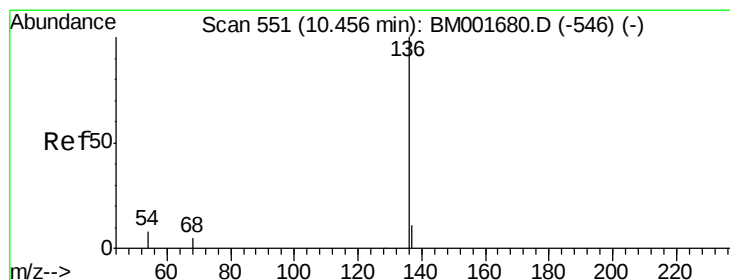
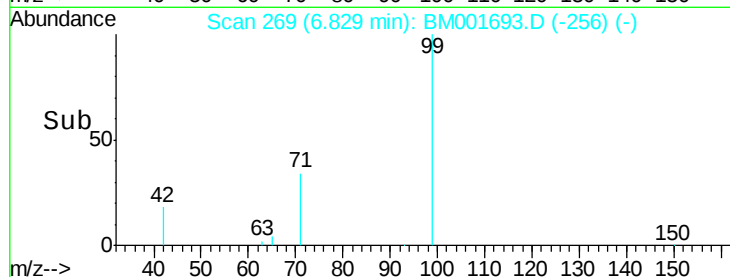
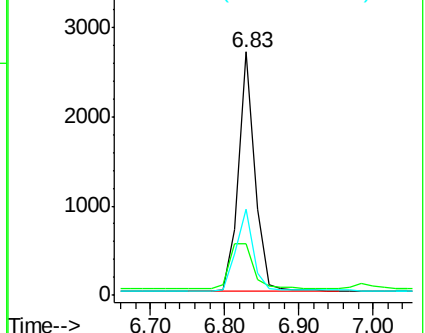
71 35.7 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001680.D (-265) (-)

Ion 42.00 (41.70 to 42.70): BM001680.D (-265) (-)

Ion 71.00 (70.70 to 71.70): BM001680.D (-265) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Tgt Ion: 136 Resp: 49519

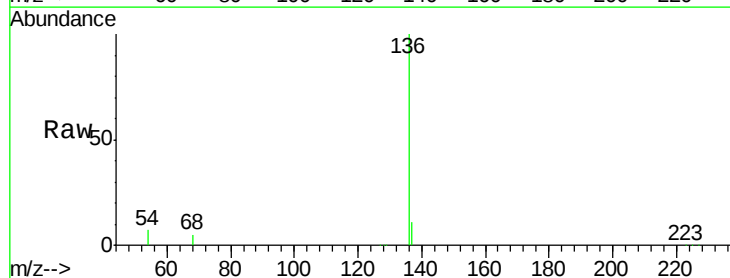
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.2 6.2 9.4

68 4.8 3.9 5.9

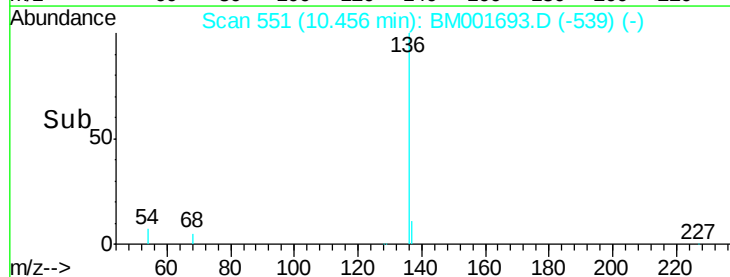
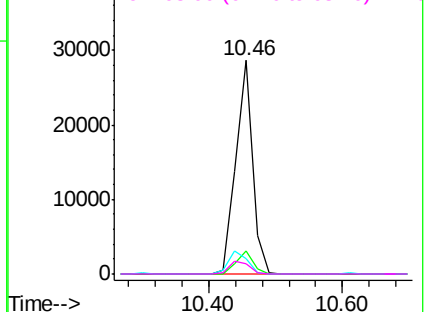


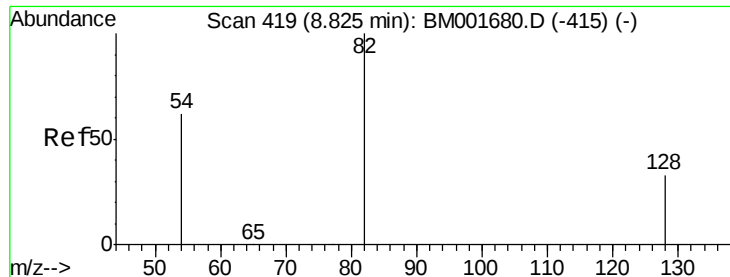
Abundance Ion 136.00 (135.70 to 136.70): BM001680.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001680.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001680.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001680.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 0.99 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

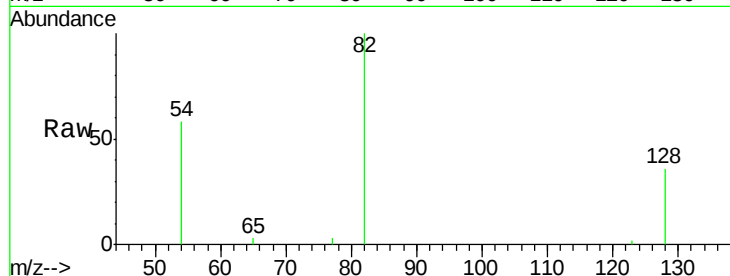
Tgt Ion: 82 Resp: 3855

Ion Ratio Lower Upper

82 100

128 36.5 27.6 41.4

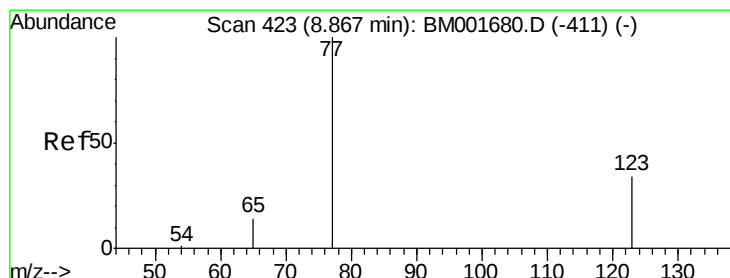
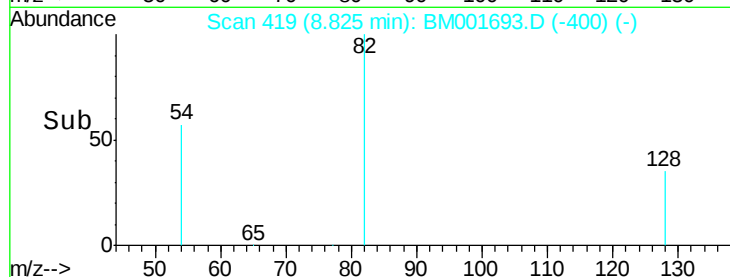
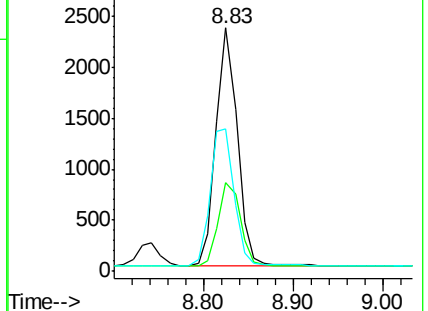
54 58.5 50.1 75.1



Abundance Ion 82.00 (81.70 to 82.70): BM001693.D (-400) (-)

Ion 128.00 (127.70 to 128.70): BM001693.D (-400) (-)

Ion 54.00 (53.70 to 54.70): BM001693.D (-400) (-)



#8

Nitrobenzene

Concen: 0.98 ng

RT: 8.87 min Scan# 423

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

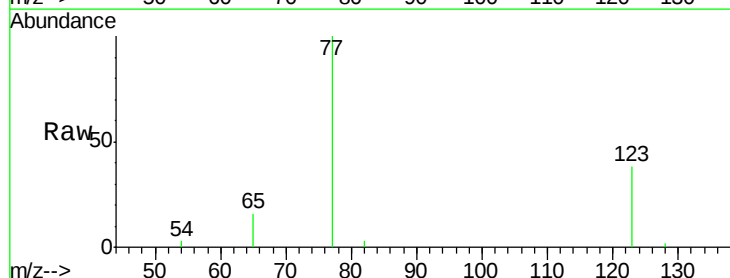
Tgt Ion: 77 Resp: 4141

Ion Ratio Lower Upper

77 100

123 38.1 30.6 46.0

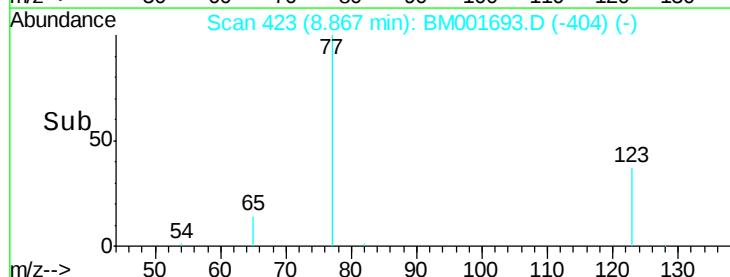
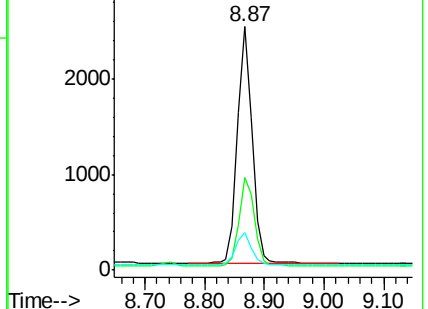
65 14.3 11.5 17.3

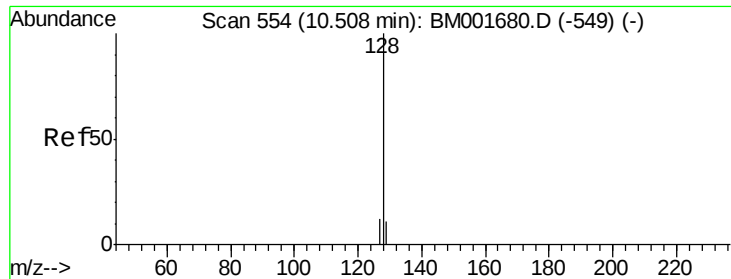


Abundance Ion 77.00 (76.70 to 77.70): BM001693.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM001693.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM001693.D (-404) (-)





#9

Naphthalene

Concen: 0.99 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

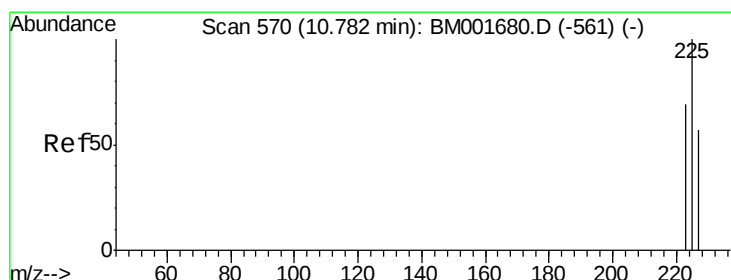
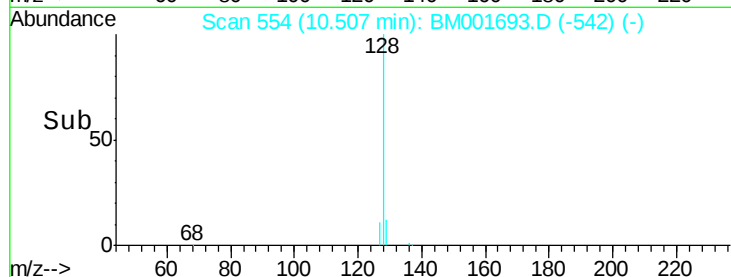
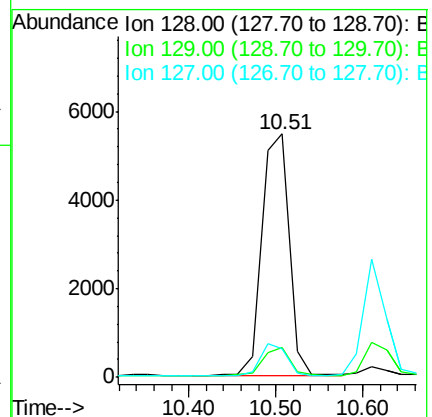
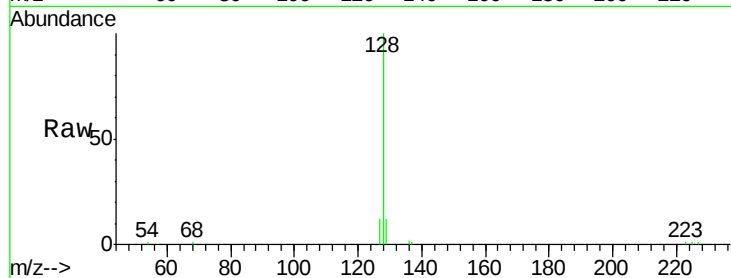
Tgt Ion:128 Resp: 11845

Ion Ratio Lower Upper

128 100

129 12.4 9.7 14.5

127 12.0 9.8 14.6



#10

Hexachlorobutadiene

Concen: 0.98 ng

RT: 10.78 min Scan# 570

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

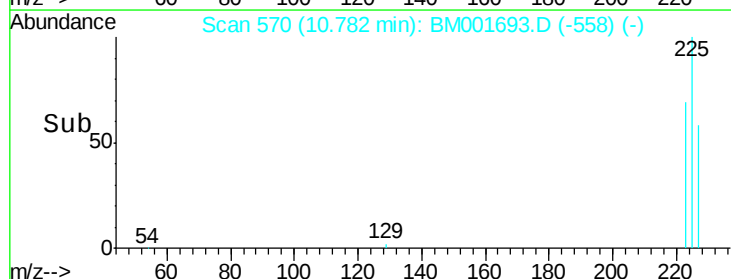
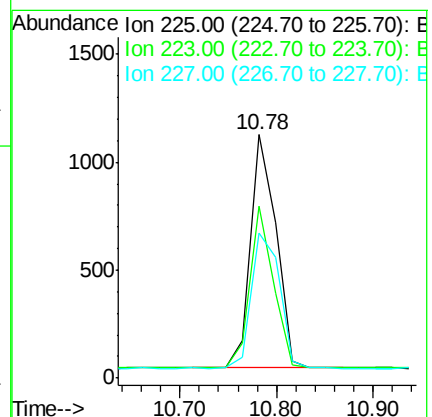
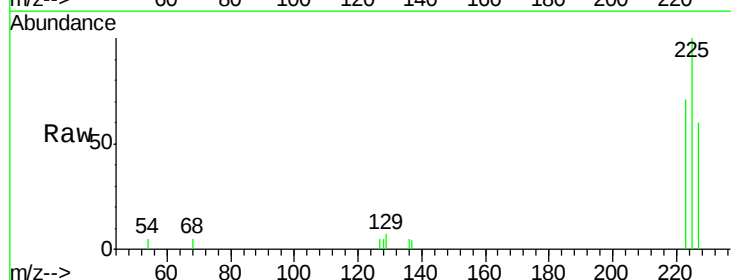
Tgt Ion:225 Resp: 1973

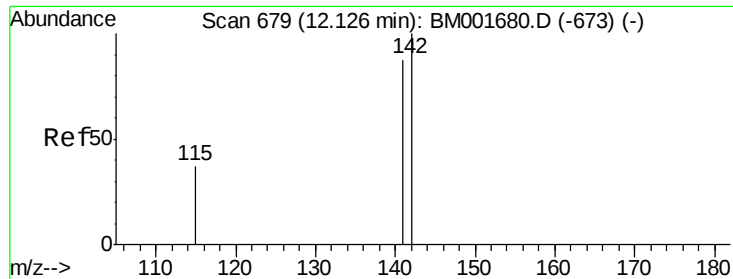
Ion Ratio Lower Upper

225 100

223 64.3 49.7 74.5

227 64.2 51.1 76.7

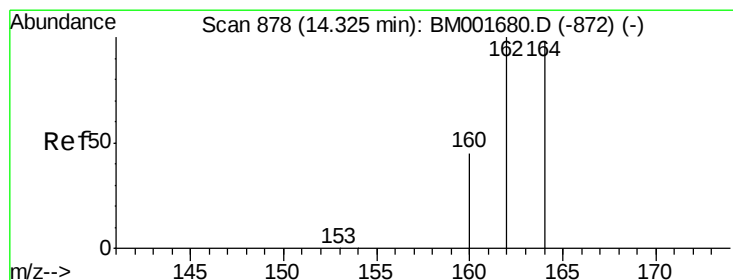
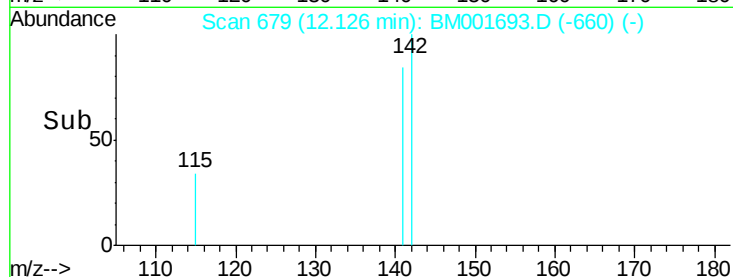
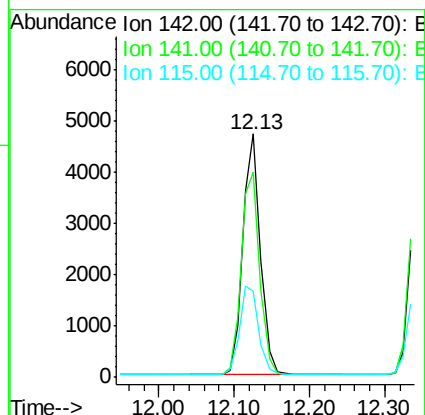
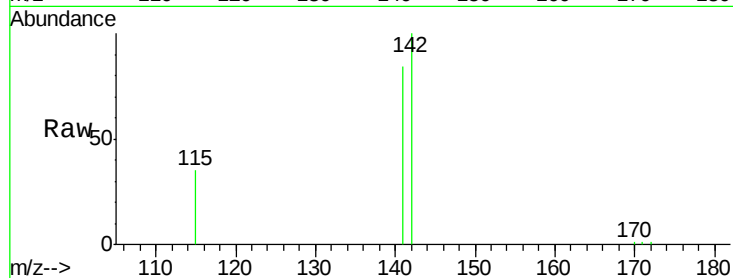




#11
2-Methylnaphthalene
Concen: 0.99 ng
RT: 12.13 min Scan# 679
Delta R.T. -0.00 min
Lab File: BM001693.D
Acq: 13 Jun 2015 05:24

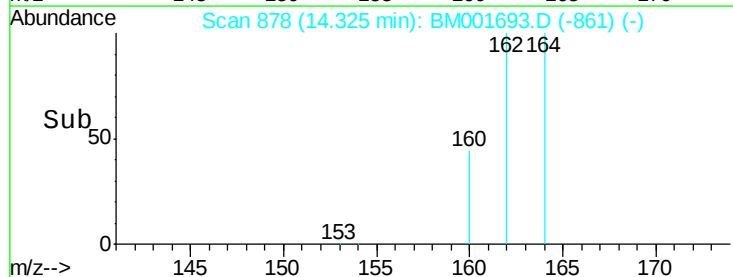
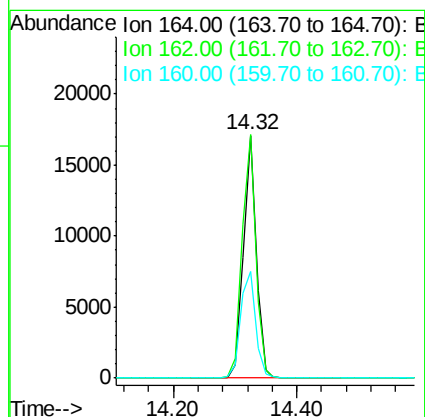
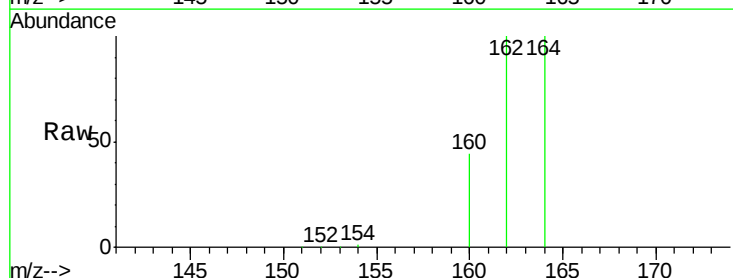
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

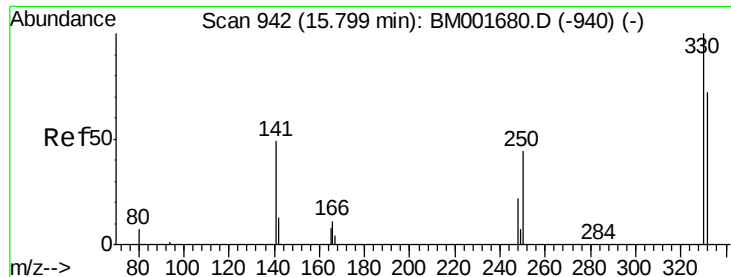
Tgt Ion:142 Resp: 7586
Ion Ratio Lower Upper
142 100
141 84.4 69.5 104.3
115 35.3 30.2 45.4



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. -0.00 min
Lab File: BM001693.D
Acq: 13 Jun 2015 05:24

Tgt Ion:164 Resp: 24015
Ion Ratio Lower Upper
164 100
162 100.3 82.0 123.0
160 43.9 36.6 55.0

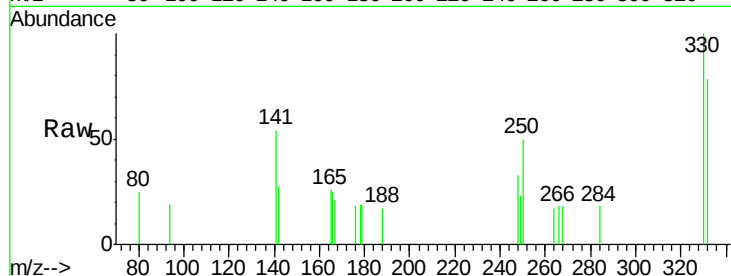




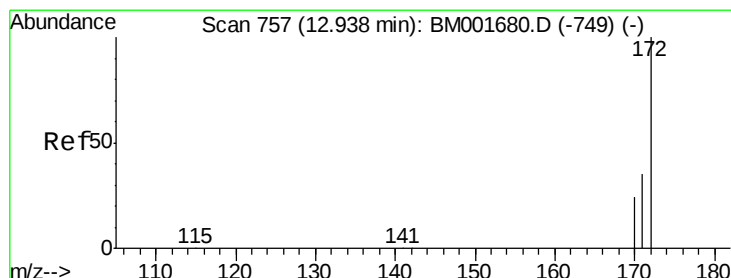
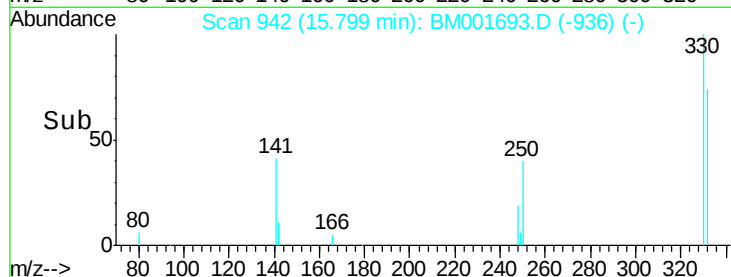
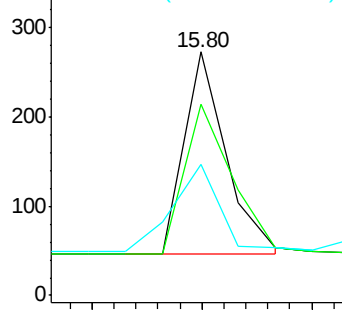
#13
 2,4,6-Tribromophenol
 Concen: 1.07 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001693.D
 Acq: 13 Jun 2015 05:24

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 330 Resp: 599
 Ion Ratio Lower Upper
 330 100
 332 84.3 68.6 103.0
 141 46.9 39.0 58.4

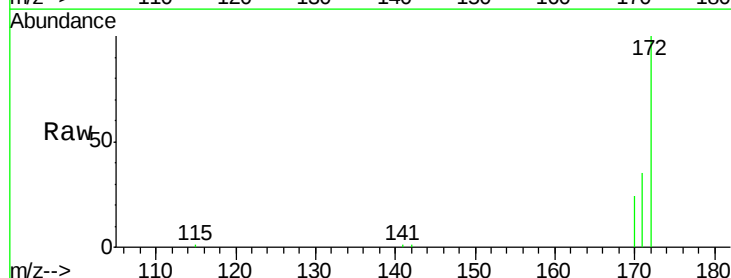


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

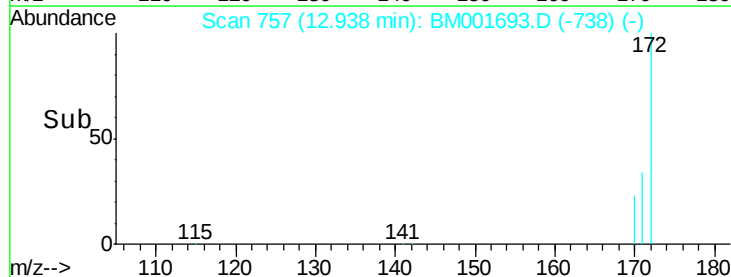
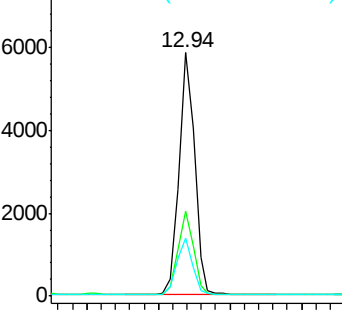


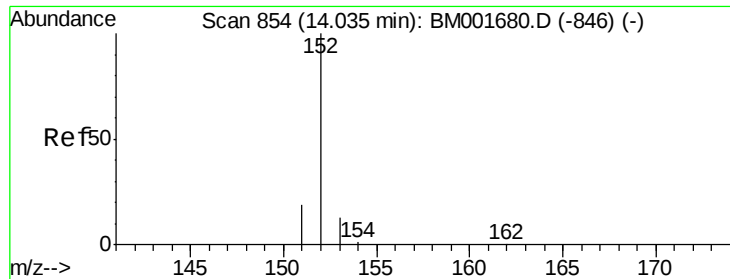
#14
 2-Fluorobiphenyl
 Concen: 1.01 ng
 RT: 12.94 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BM001693.D
 Acq: 13 Jun 2015 05:24

Tgt Ion: 172 Resp: 8591
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.4 42.6
 170 23.6 19.5 29.3



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





#15

Acenaphthylene

Concen: 0.99 ng

RT: 14.03 min Scan# 854

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

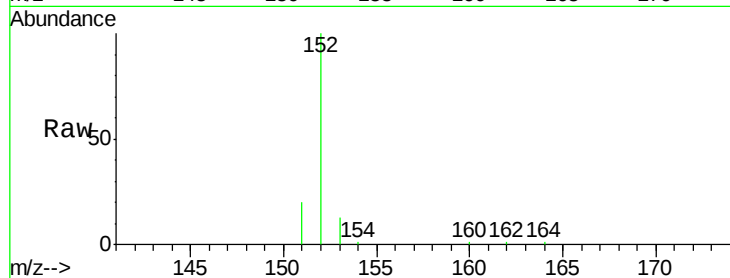
Tgt Ion:152 Resp: 11414

Ion Ratio Lower Upper

152 100

151 19.1 15.3 22.9

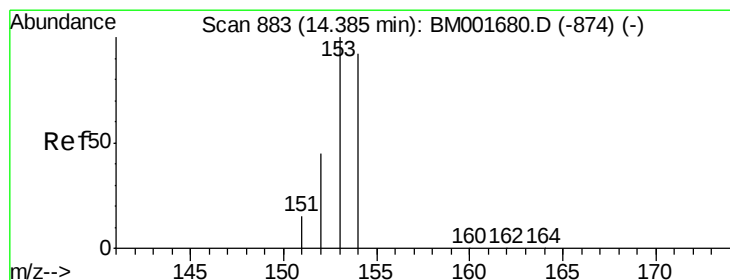
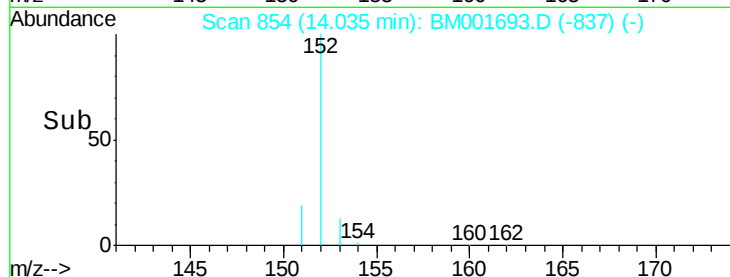
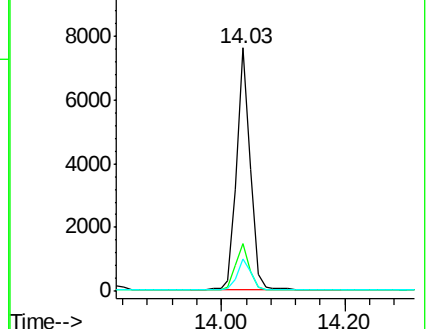
153 12.8 10.3 15.5



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



#16

Acenaphthene

Concen: 0.99 ng

RT: 14.39 min Scan# 883

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

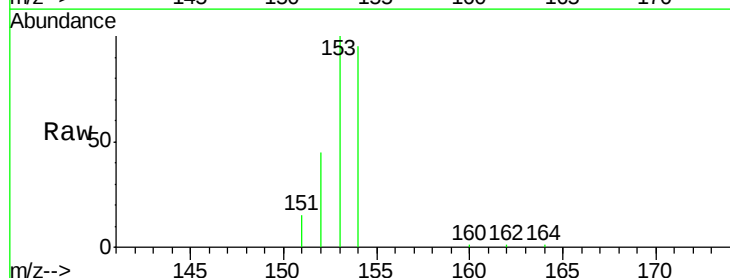
Tgt Ion:154 Resp: 6964

Ion Ratio Lower Upper

154 100

153 114.2 89.3 133.9

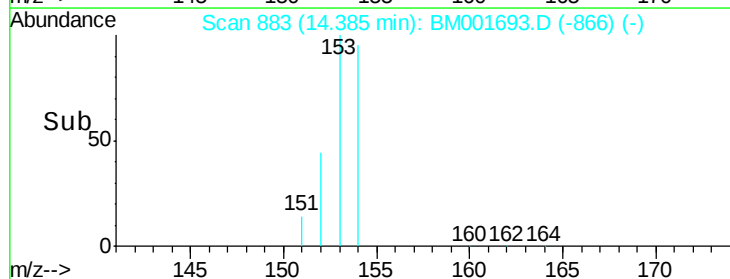
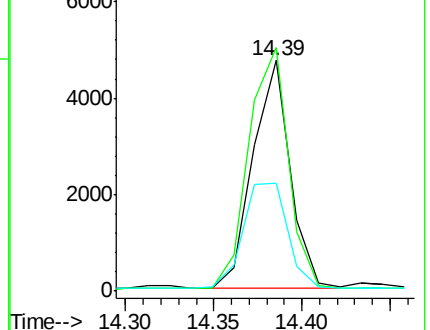
152 55.7 43.7 65.5

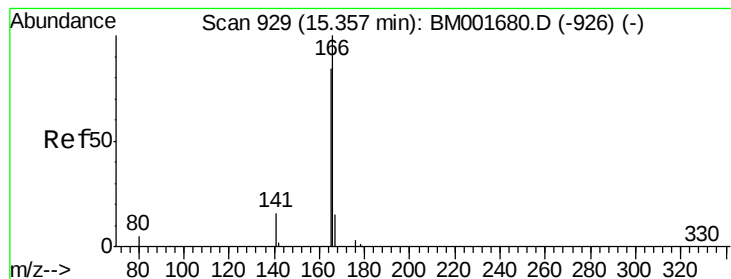


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.93 ng

RT: 15.36 min Scan# 929

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

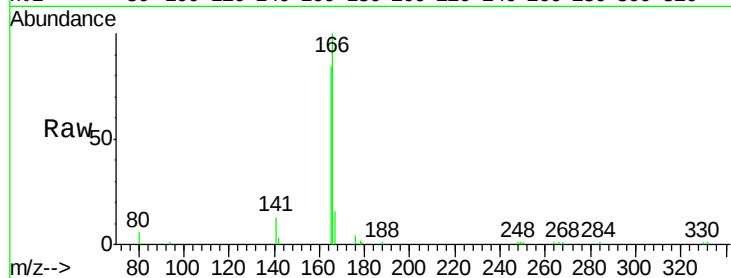
Tgt Ion:166 Resp: 9677

Ion Ratio Lower Upper

166 100

165 85.1 68.5 102.7

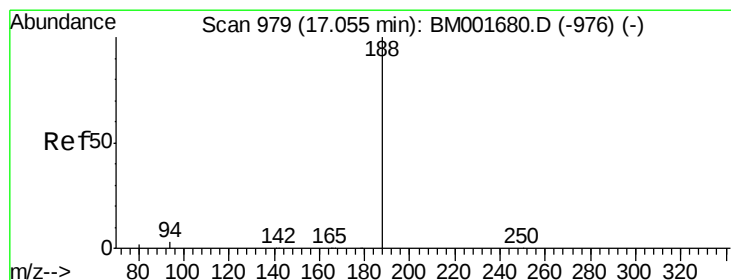
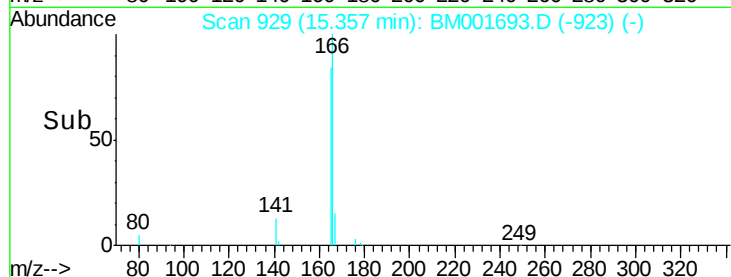
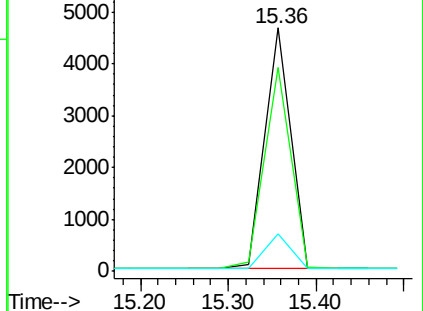
167 14.8 11.8 17.6



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

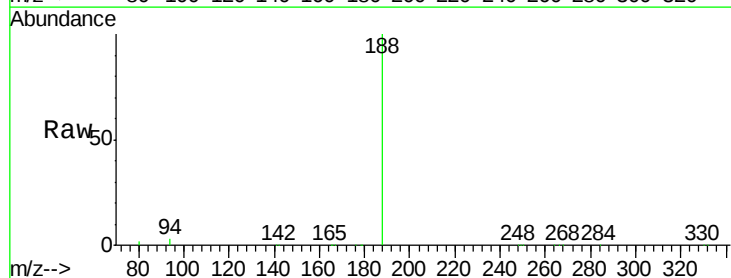
Tgt Ion:188 Resp: 74054

Ion Ratio Lower Upper

188 100

94 2.6 2.2 3.2

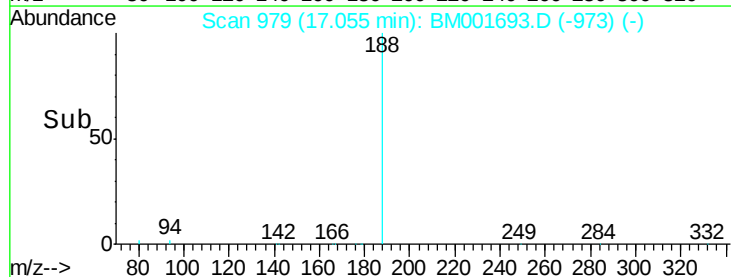
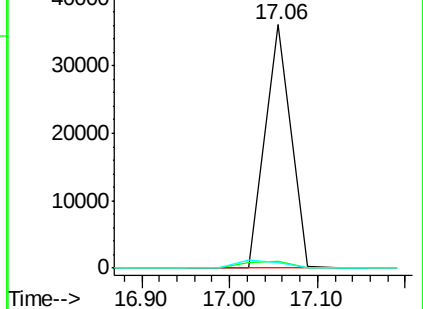
80 2.2 1.8 2.8

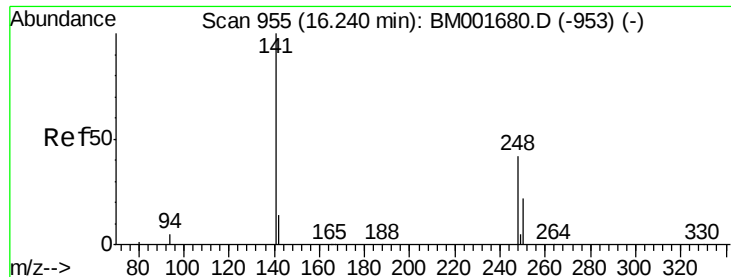


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

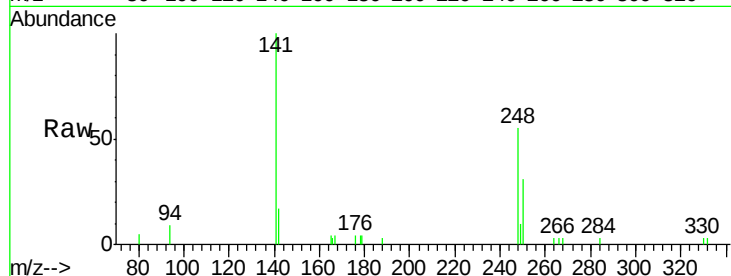




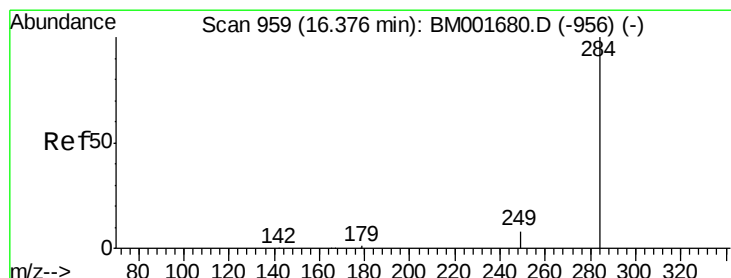
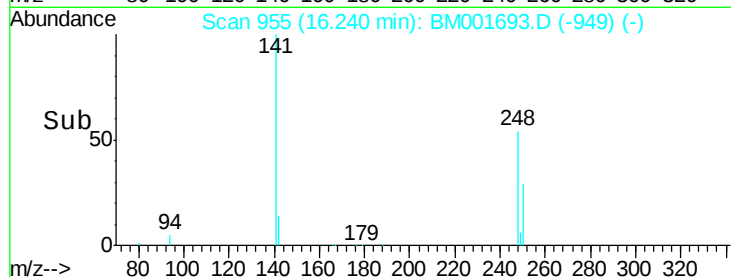
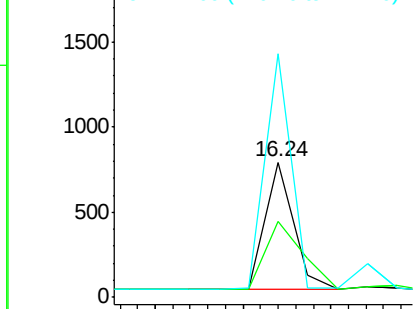
#19
4-Bromophenyl-phenylether
Concen: 1.21 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001693.D
Acq: 13 Jun 2015 05:24

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:248 Resp: 1698
Ion Ratio Lower Upper
248 100
250 69.8 59.7 89.5
141 167.6 166.4 249.6

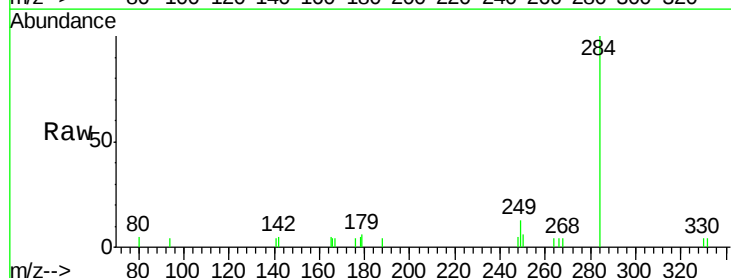


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

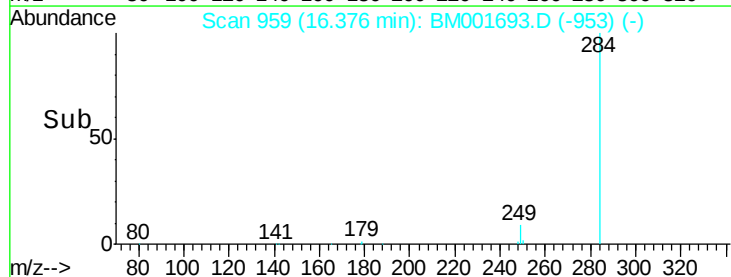
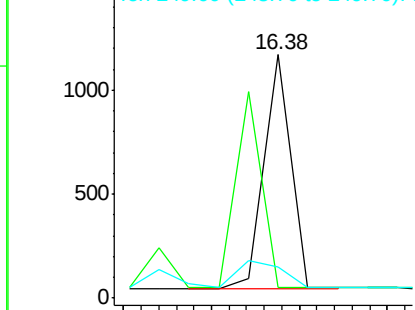


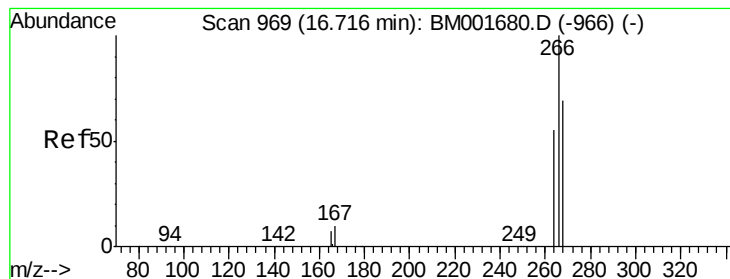
#20
Hexachlorobenzene
Concen: 0.90 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001693.D
Acq: 13 Jun 2015 05:24

Tgt Ion:284 Resp: 2397
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: 0.94 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

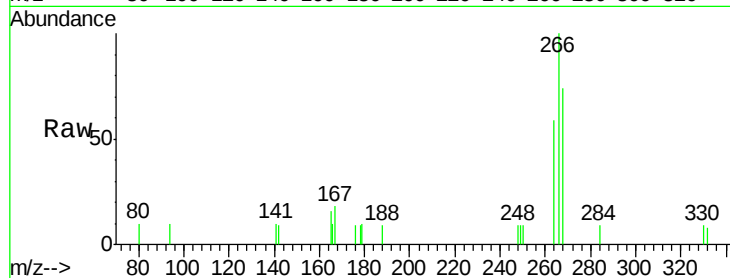
Tgt Ion:266 Resp: 1115

Ion Ratio Lower Upper

266 100

268 73.6 57.2 85.8

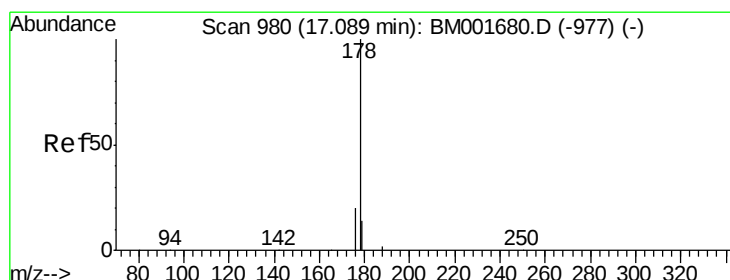
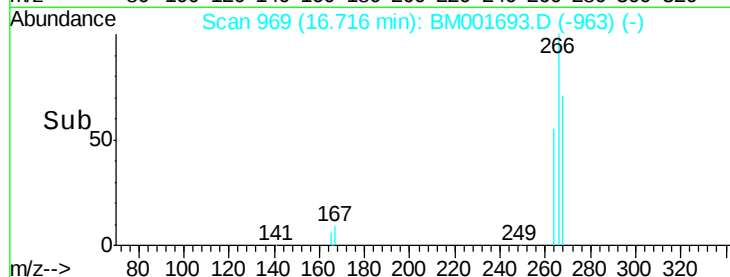
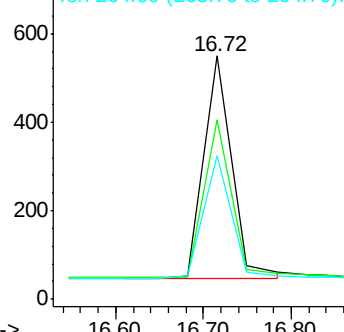
264 58.9 46.3 69.5



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 1.16 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

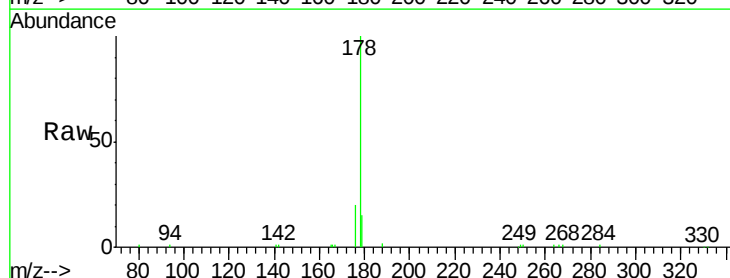
Tgt Ion:178 Resp: 19463

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

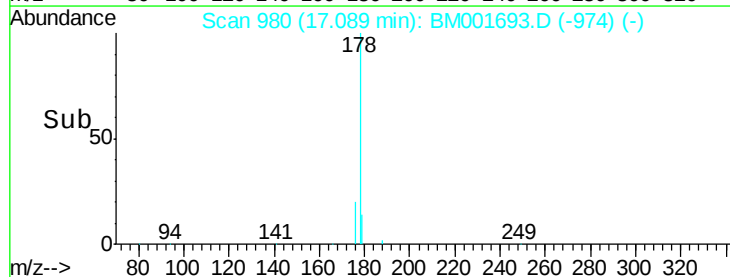
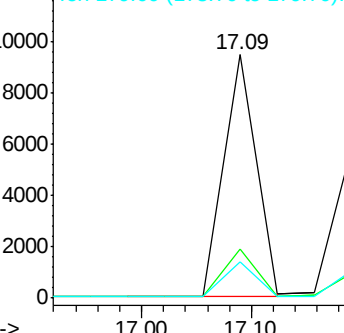
179 14.9 11.8 17.8

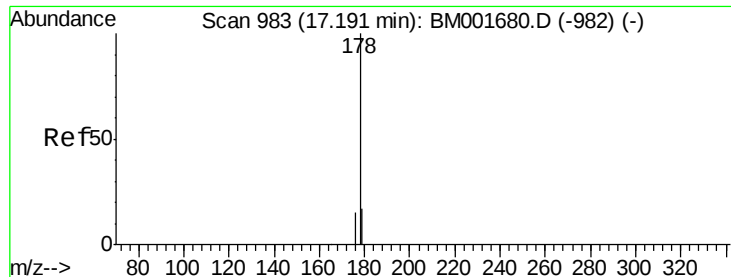


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.90 ng

RT: 17.19 min Scan# 983

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

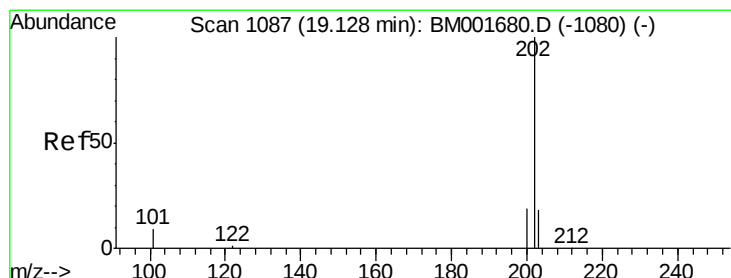
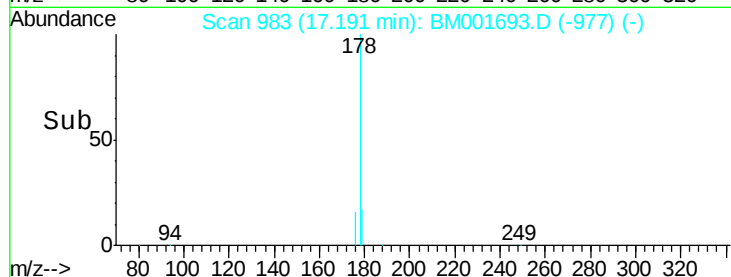
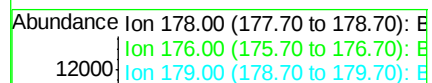
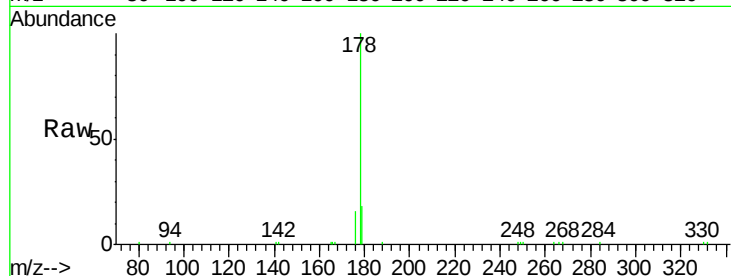
Tgt Ion:178 Resp: 11922

Ion Ratio Lower Upper

178 100

176 15.6 12.6 18.8

179 16.9 13.5 20.3



#24

Fluoranthene

Concen: 1.01 ng

RT: 19.13 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

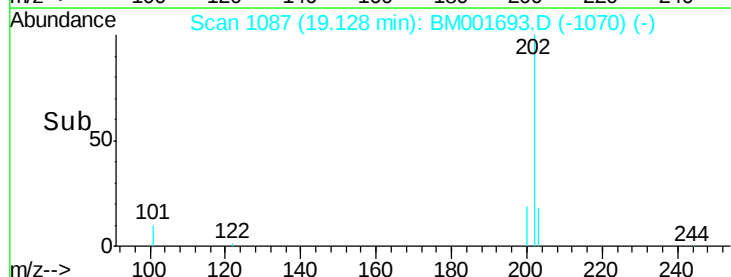
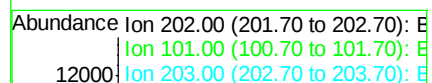
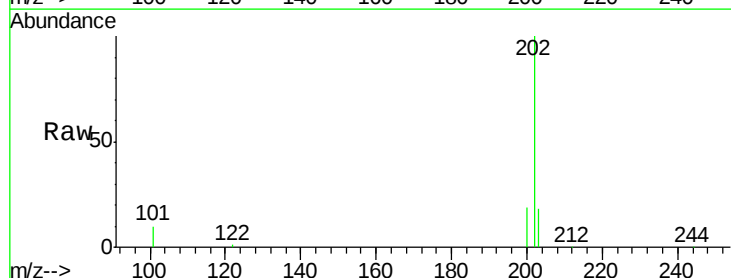
Tgt Ion:202 Resp: 13640

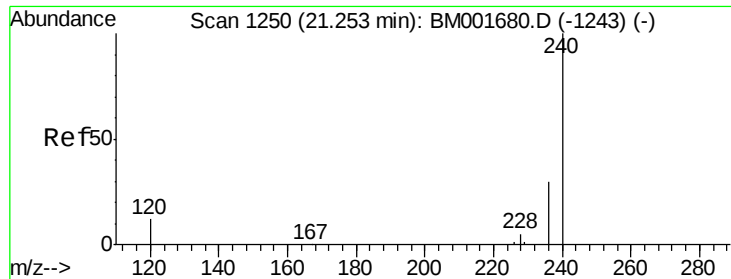
Ion Ratio Lower Upper

202 100

101 13.5 10.3 15.5

203 17.2 13.8 20.6





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

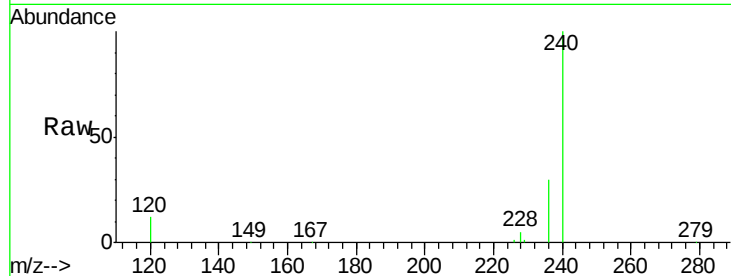
Tgt Ion:240 Resp: 42838

Ion Ratio Lower Upper

240 100

120 11.7 9.9 14.9

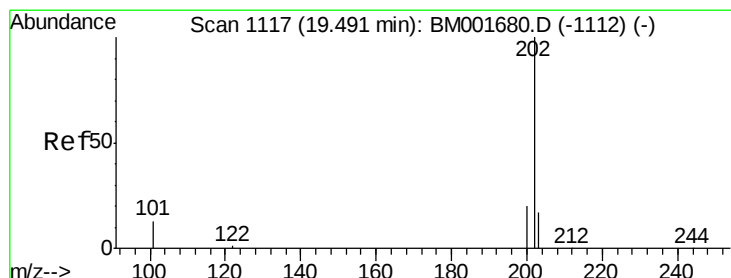
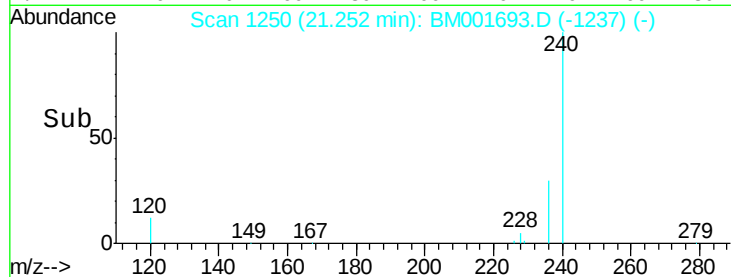
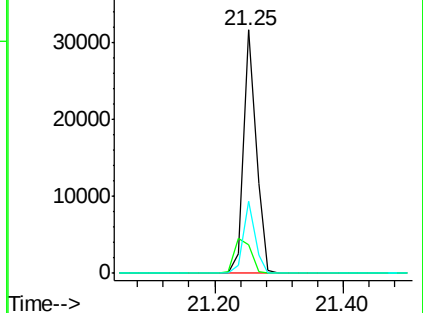
236 29.9 23.9 35.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 1.00 ng

RT: 19.49 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

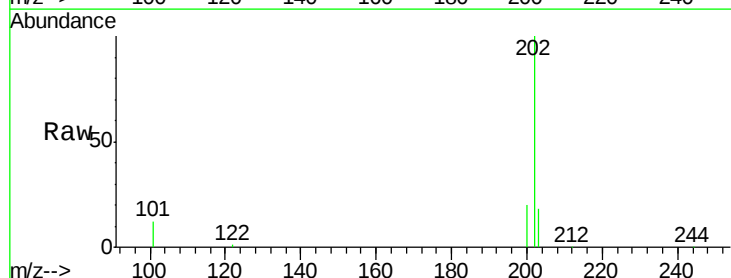
Tgt Ion:202 Resp: 14483

Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

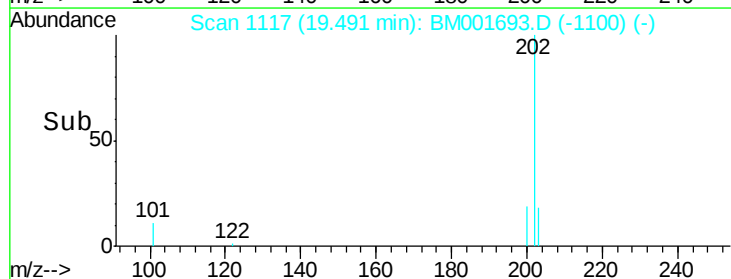
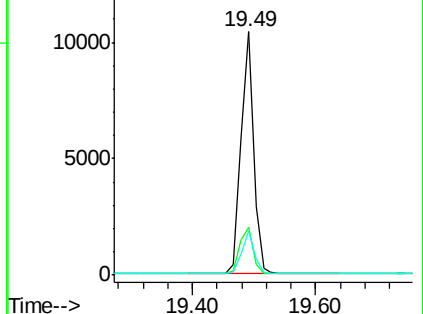
203 17.2 13.6 20.4

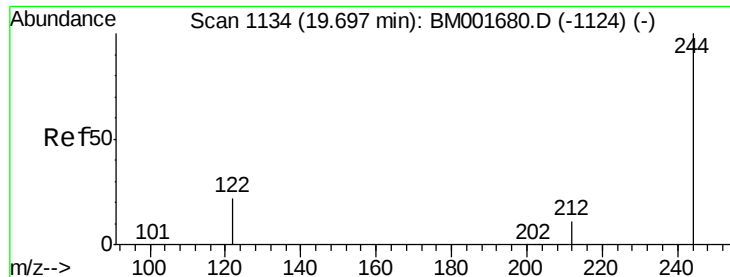


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

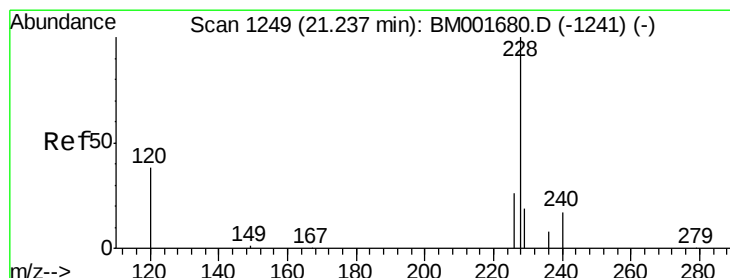
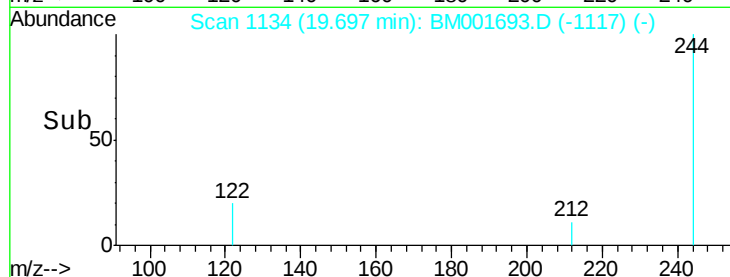
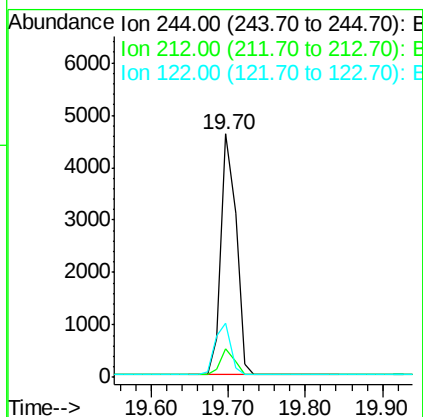
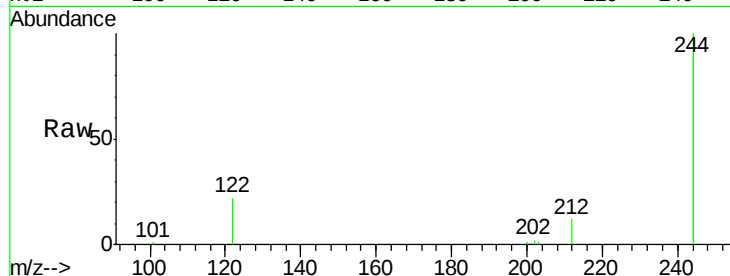




#27
 Terphenyl-d14
 Concen: 0.98 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BM001693.D
 Acq: 13 Jun 2015 05:24

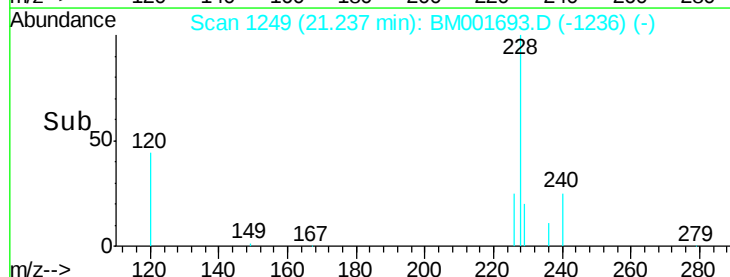
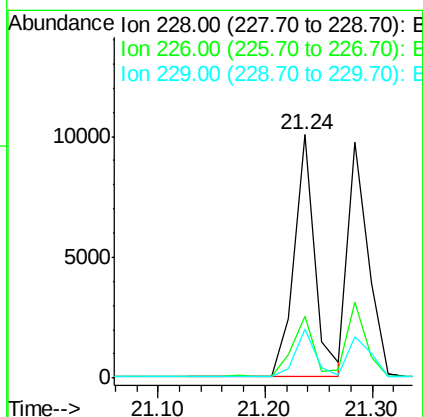
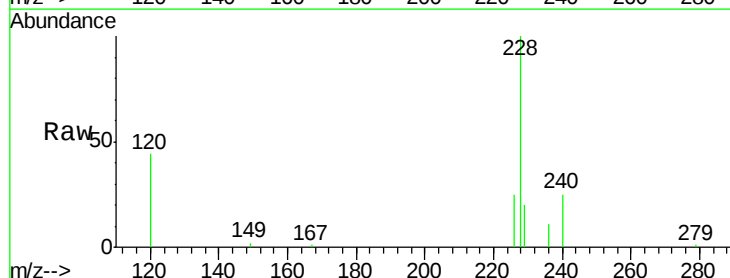
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

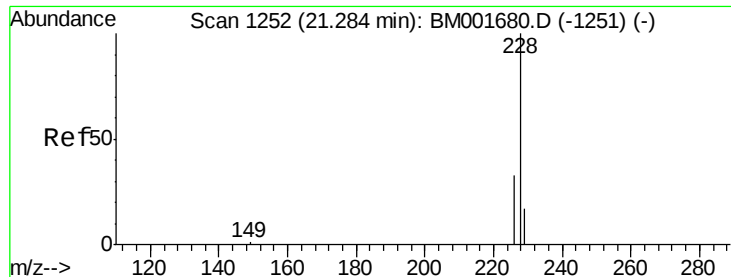
Tgt Ion: 244 Resp: 6252
 Ion Ratio Lower Upper
 244 100
 212 12.0 9.6 14.4
 122 22.4 18.4 27.6



#28
 Benzo(a)anthracene
 Concen: 1.00 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BM001693.D
 Acq: 13 Jun 2015 05:24

Tgt Ion: 228 Resp: 13512
 Ion Ratio Lower Upper
 228 100
 226 25.4 21.0 31.4
 229 20.0 15.8 23.8





#29

Chrysene

Concen: 1.02 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

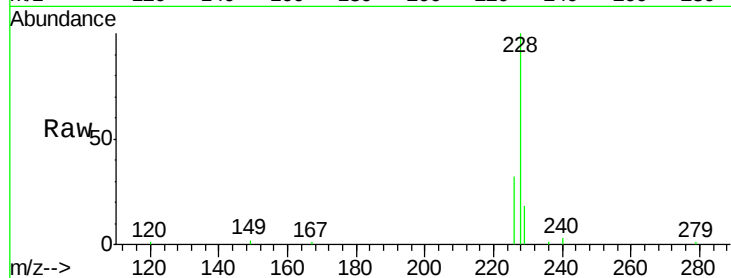
Tgt Ion:228 Resp: 12782

Ion Ratio Lower Upper

228 100

226 32.3 27.4 41.0

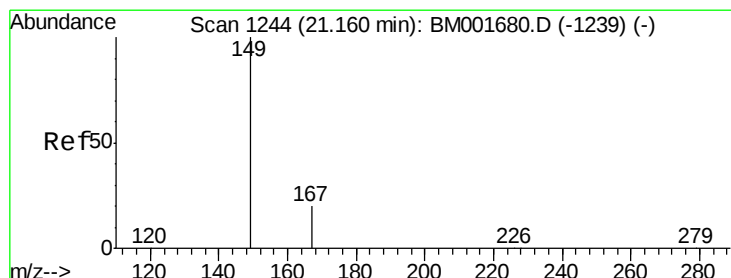
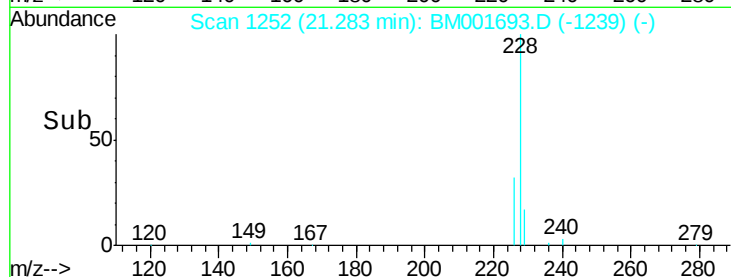
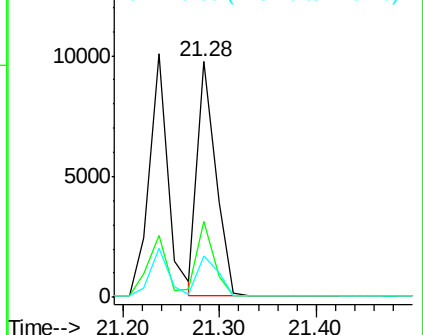
229 17.7 13.7 20.5



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

Bis(2-ethylhexyl)phthalate

Concen: 1.03 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

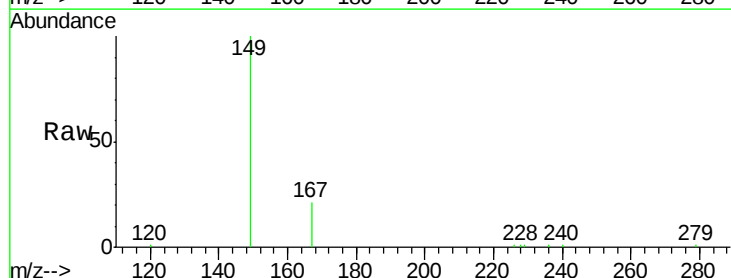
Tgt Ion:149 Resp: 7416

Ion Ratio Lower Upper

149 100

167 25.1 20.4 30.6

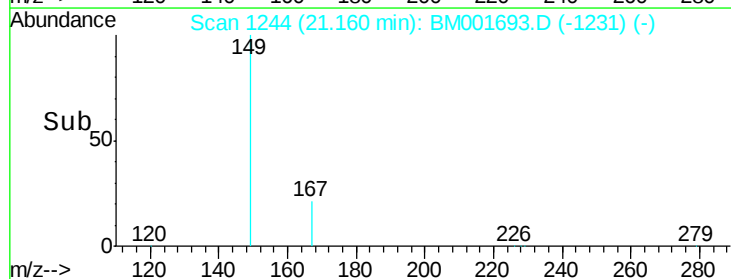
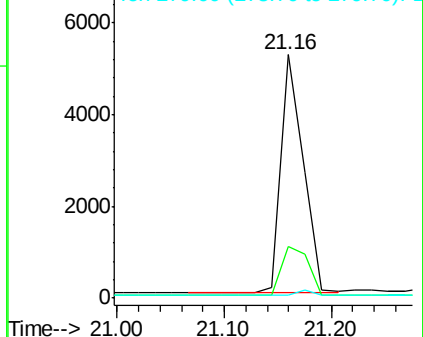
279 2.1 1.7 2.5

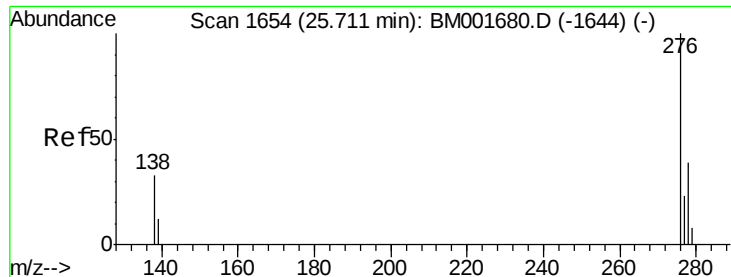


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 1.00 ng

RT: 25.71 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

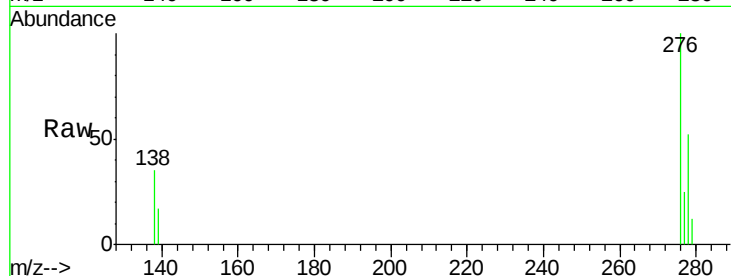
Tgt Ion:276 Resp: 13282

Ion Ratio Lower Upper

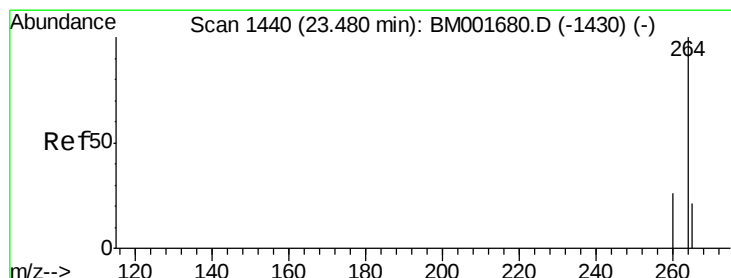
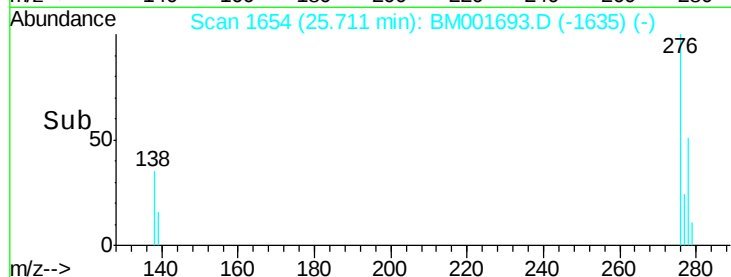
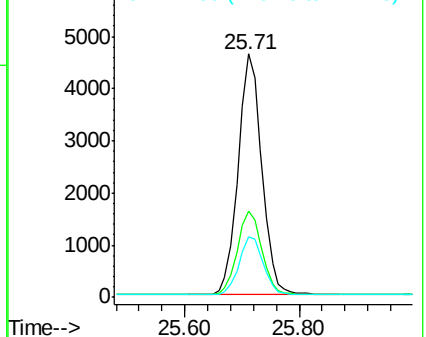
276 100

138 35.8 27.8 41.8

277 24.7 19.7 29.5



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



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.48 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

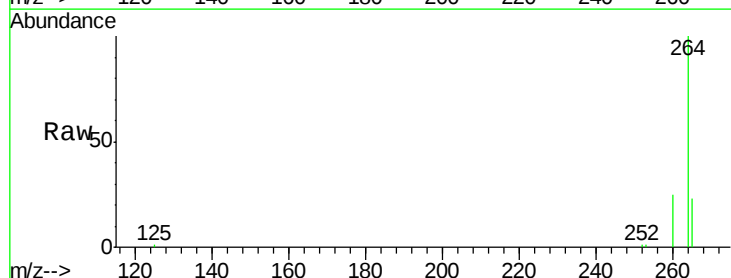
Tgt Ion:264 Resp: 39291

Ion Ratio Lower Upper

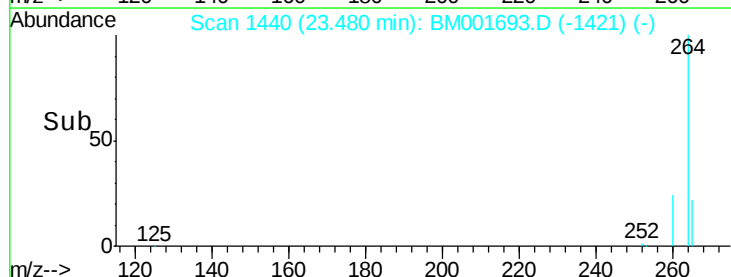
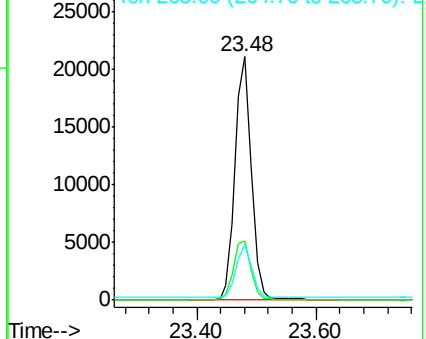
264 100

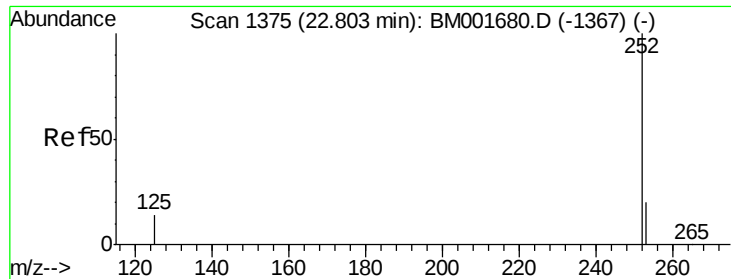
260 24.5 20.8 31.2

265 22.6 17.3 25.9



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





#33

Benzo(b)fluoranthene

Concen: 1.00 ng

RT: 22.80 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

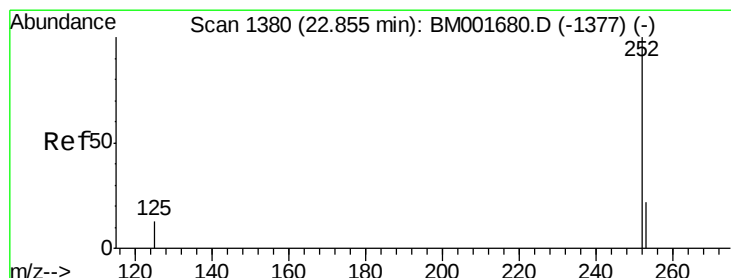
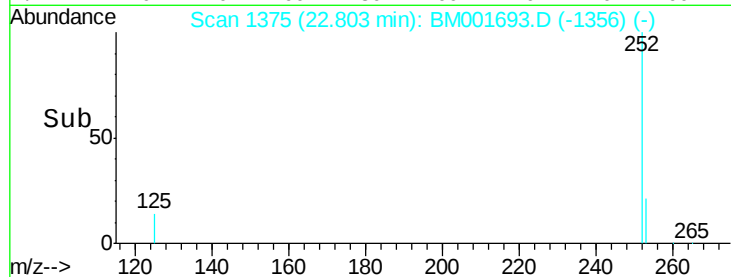
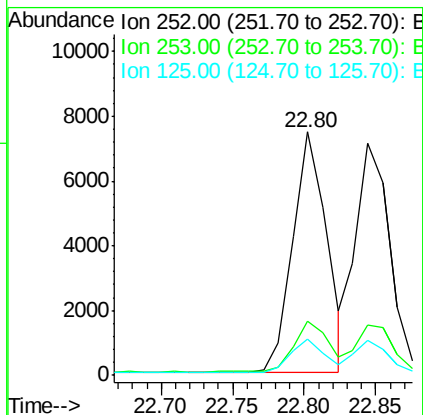
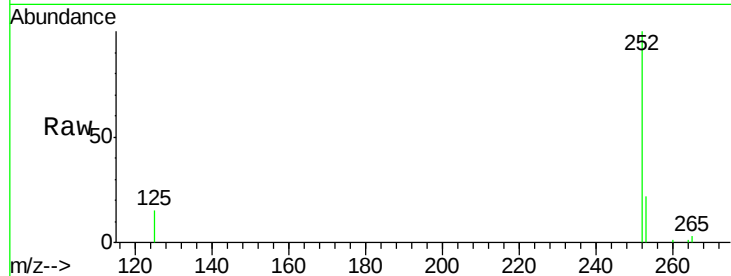
Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

Tgt Ion:	252	Resp:	12309
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.8	12.3	18.5



#34

Benzo(k)fluoranthene

Concen: 1.03 ng

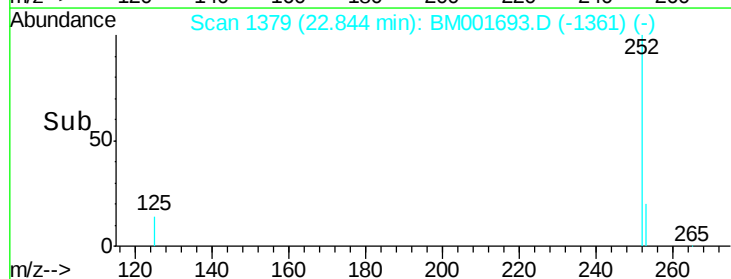
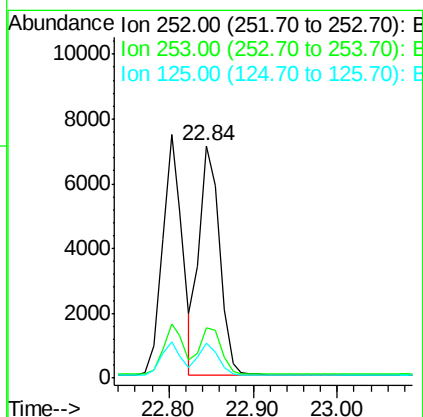
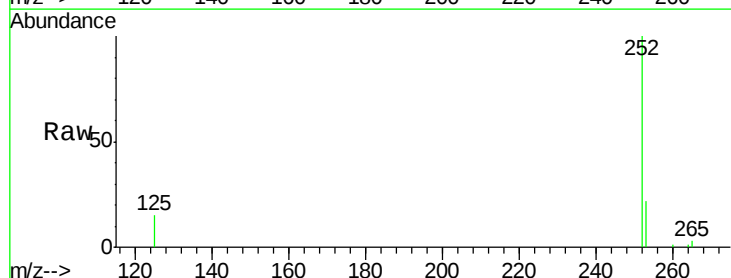
RT: 22.84 min Scan# 1379

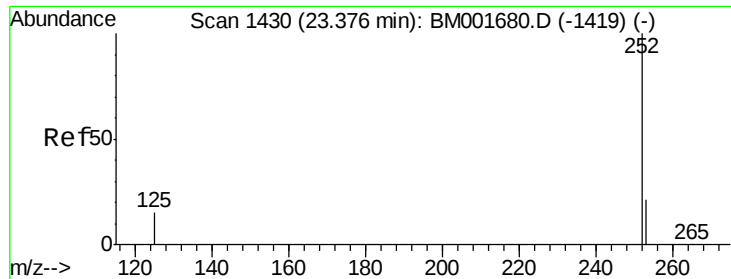
Delta R.T. -0.01 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Tgt Ion:	252	Resp:	11904
Ion	Ratio	Lower	Upper
252	100		
253	21.7	19.4	29.0
125	15.2	11.0	16.4





#35

Benzo(a)pyrene

Concen: 1.01 ng

RT: 23.38 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

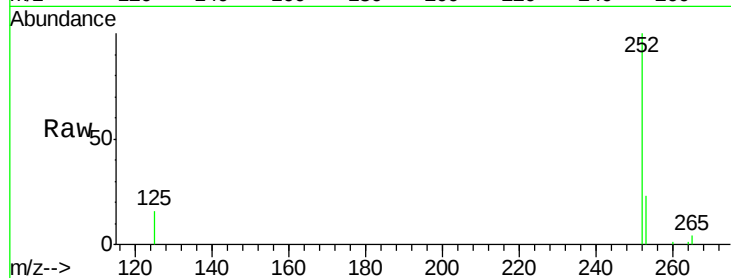
Tgt Ion: 252 Resp: 10832

Ion Ratio Lower Upper

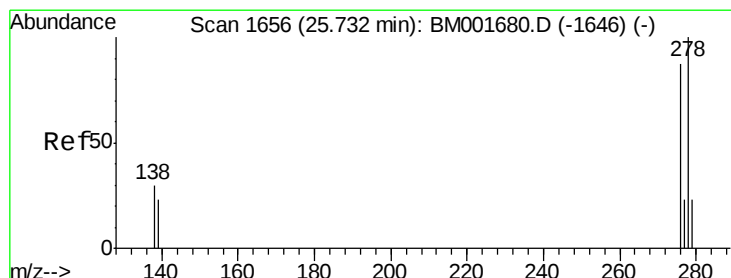
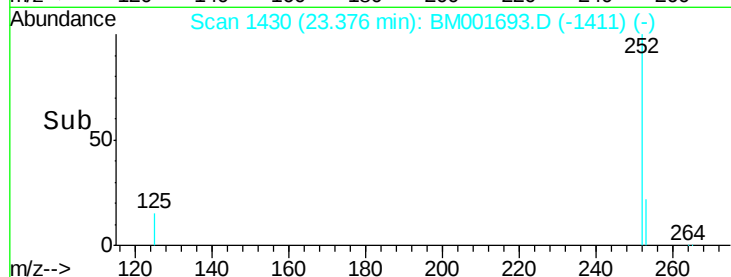
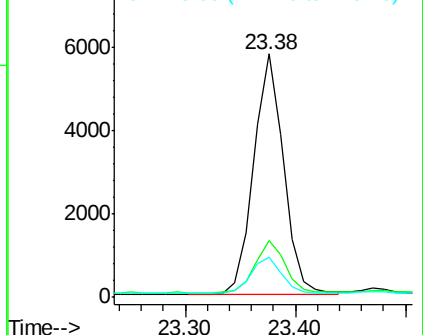
252 100

253 23.5 17.8 26.8

125 16.4 13.4 20.2



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: 1.01 ng

RT: 25.73 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BM001693.D

Acq: 13 Jun 2015 05:24

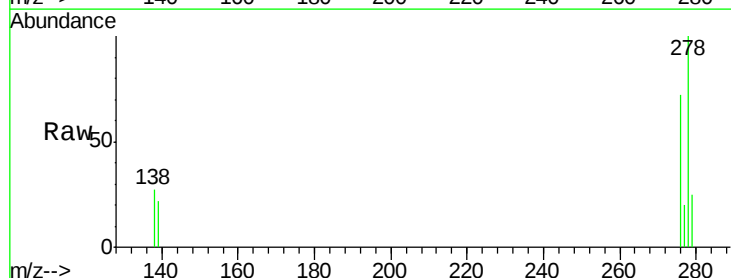
Tgt Ion: 278 Resp: 10749

Ion Ratio Lower Upper

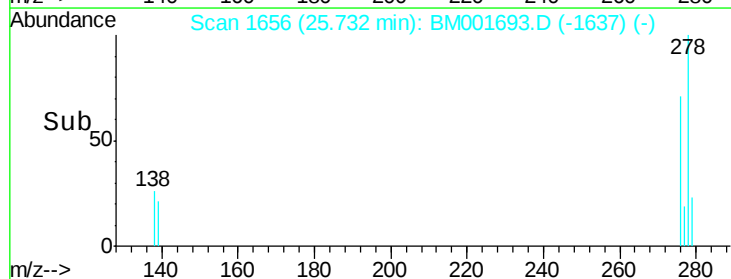
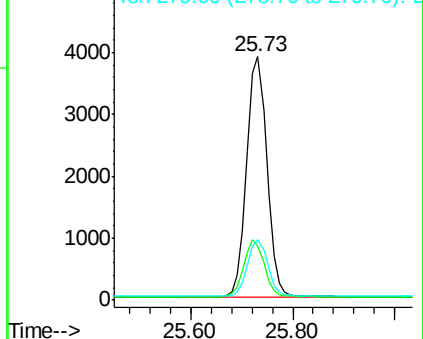
278 100

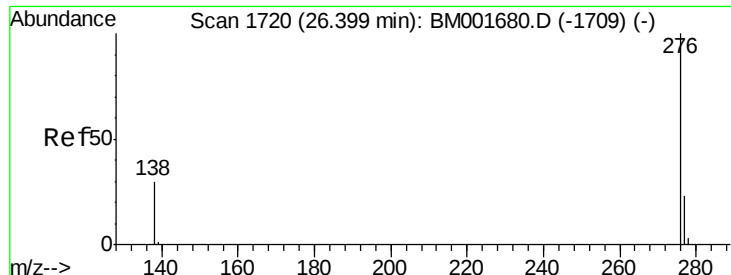
139 22.3 19.4 29.0

279 24.8 19.4 29.2



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: 1.00 ng

RT: 26.40 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM001693.D

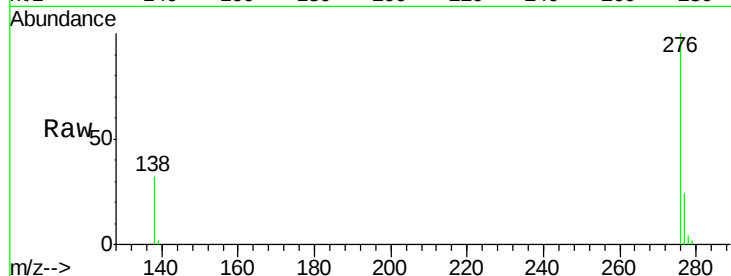
Acq: 13 Jun 2015 05:24

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 11143

Ion Ratio Lower Upper

276 100

277 24.1 19.0 28.4

138 31.7 25.0 37.6

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

