

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061315\
 Data File : BM001683.D
 Acq On : 12 Jun 2015 23:21
 Operator : TP/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jun 13 00:28:50 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 00:26:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	13828	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	50031	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	23670	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	75339	5.00	ng	0.00
25) Chrysene-d12	21.25	240	42708	5.00	ng	0.00
32) Perylene-d12	23.48	264	39265	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	687	0.21	ng	0.00
5) Phenol-d6	6.83	99	837	0.20	ng	0.00
7) Nitrobenzene-d5	8.83	82	789	0.20	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	104	0.13	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	1797	0.22	ng	0.00
27) Terphenyl-d14	19.70	244	1309	0.20	ng	0.00

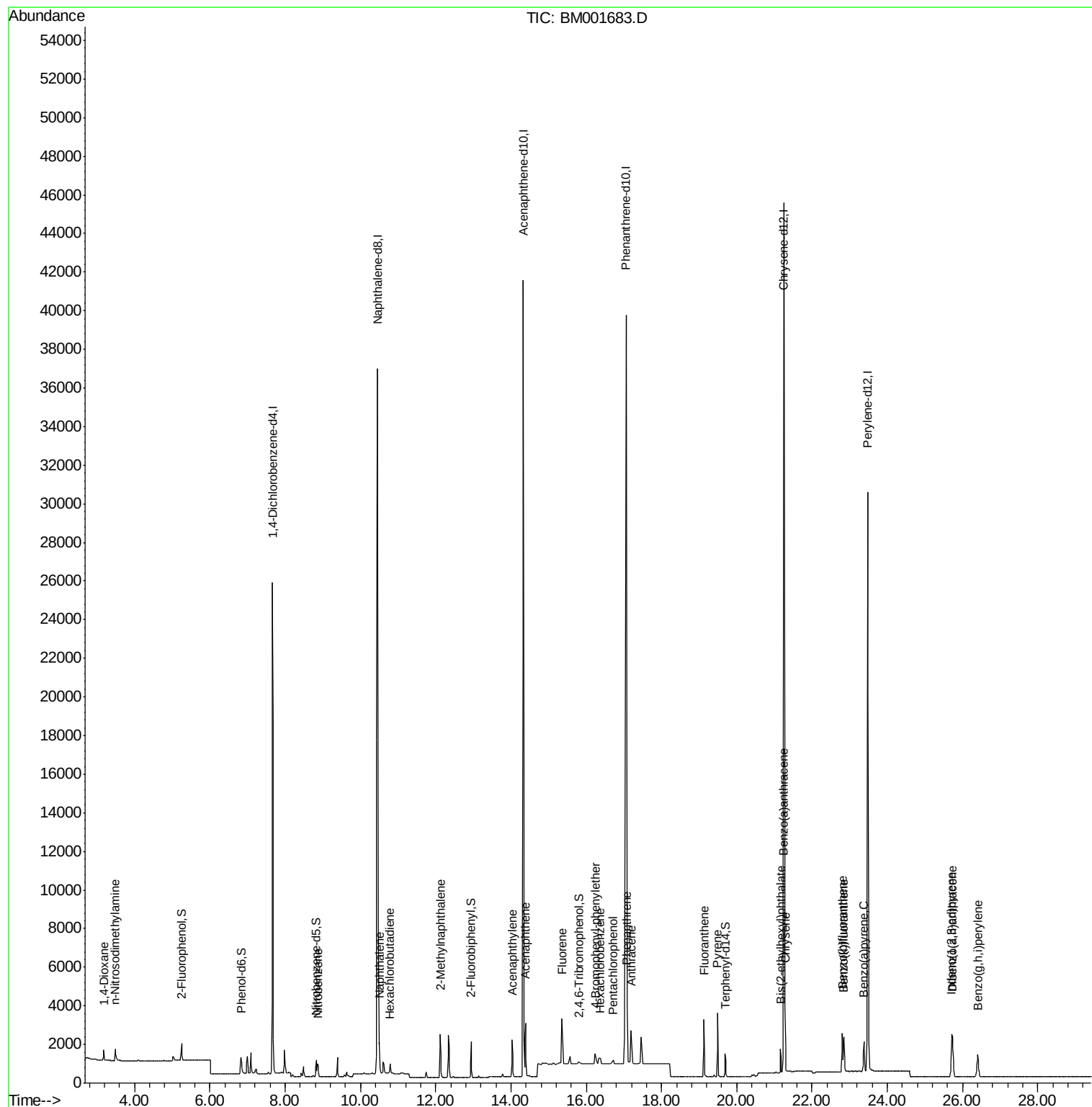
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	387	0.22	ng	93
3) n-Nitrosodimethylamine	3.49	42	514	0.21	ng	# 91
8) Nitrobenzene	8.87	77	834	0.20	ng	98
9) Naphthalene	10.51	128	2552	0.21	ng	# 93
10) Hexachlorobutadiene	10.78	225	426	0.21	ng	97
11) 2-Methylnaphthalene	12.13	142	1587	0.20	ng	98
15) Acenaphthylene	14.03	152	2214	0.20	ng	100
16) Acenaphthene	14.39	154	1455	0.21	ng	97
17) Fluorene	15.36	166	2154	0.28	ng	98
19) 4-Bromophenyl-phenylether	16.24	248	289	0.04	ng	# 70
20) Hexachlorobenzene	16.38	284	583	0.09	ng	# 100
21) Pentachlorophenol	16.72	266	206	0.11	ng	# 85
22) Phenanthrene	17.09	178	3805	0.16	ng	99
23) Anthracene	17.19	178	2664	0.10	ng	99
24) Fluoranthene	19.13	202	2788	0.08	ng	99
26) Pyrene	19.49	202	2928	0.20	ng	99
28) Benzo(a)anthracene	21.24	228	2707	0.20	ng	97
29) Chrysene	21.28	228	2659	0.21	ng	98
30) Bis(2-ethylhexyl)phthalate	21.16	149	1479	0.18	ng	100
31) Indeno(1,2,3-cd)pyrene	25.71	276	2709	0.26	ng	99
33) Benzo(b)fluoranthene	22.80	252	2469	0.19	ng	# 90
34) Benzo(k)fluoranthene	22.84	252	2433	0.20	ng	# 91
35) Benzo(a)pyrene	23.38	252	2148	0.20	ng	# 86
36) Dibenzo(a,h)anthracene	25.73	278	2152	0.23	ng	91
37) Benzo(g,h,i)perylene	26.40	276	2332	0.23	ng	93

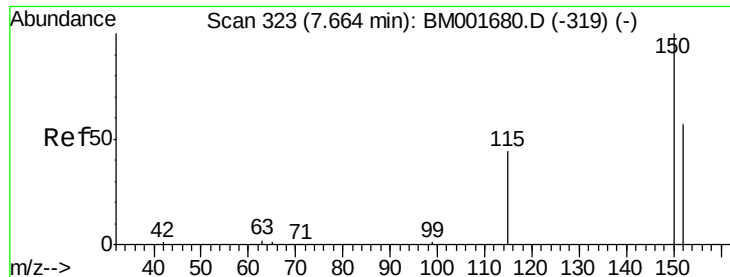
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 13 00:26:17 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.66 min Scan# 323

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

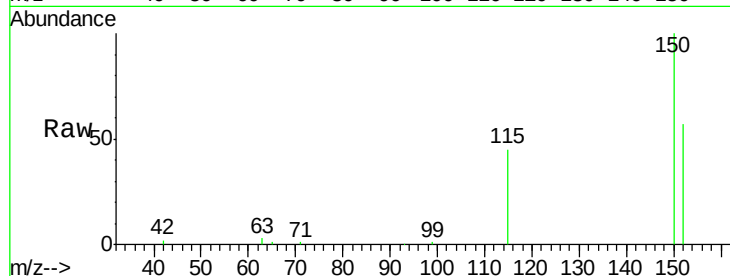
Tgt Ion:152 Resp: 13828

Ion Ratio Lower Upper

152 100

150 175.3 139.6 209.4

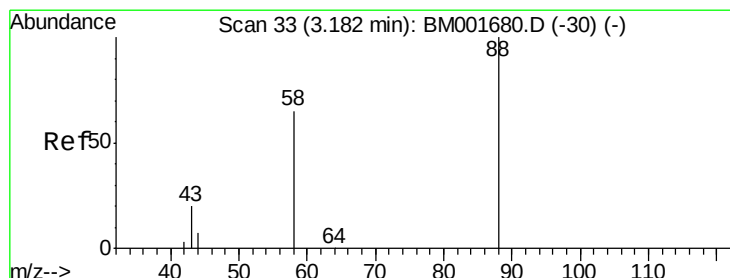
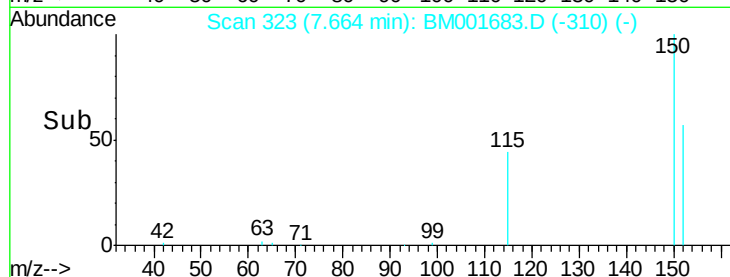
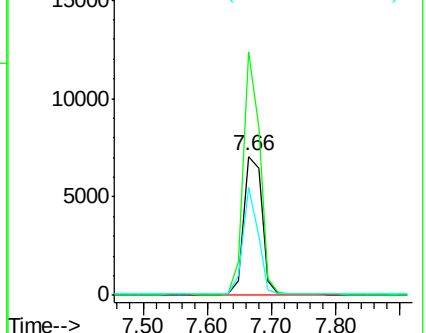
115 78.1 62.5 93.7



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: 0.22 ng

RT: 3.18 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

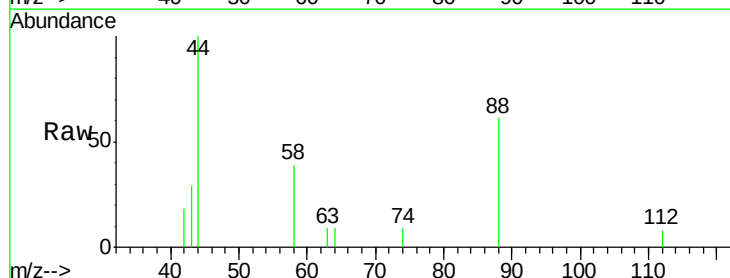
Tgt Ion: 88 Resp: 387

Ion Ratio Lower Upper

88 100

58 76.0 68.1 102.1

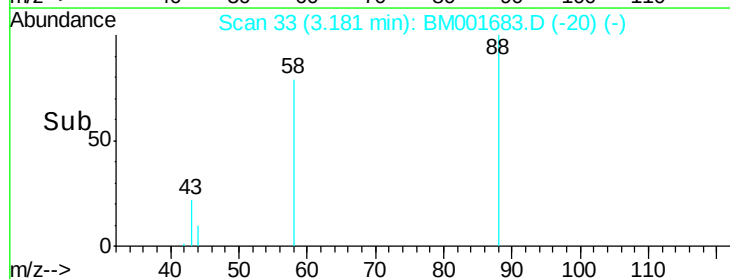
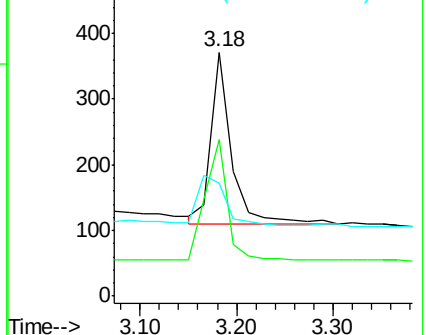
43 39.8 31.8 47.6

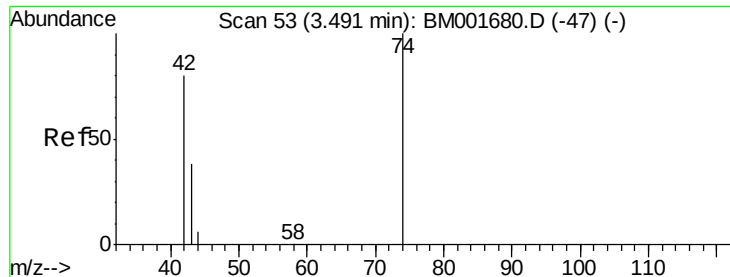


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.49 min Scan# 53

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

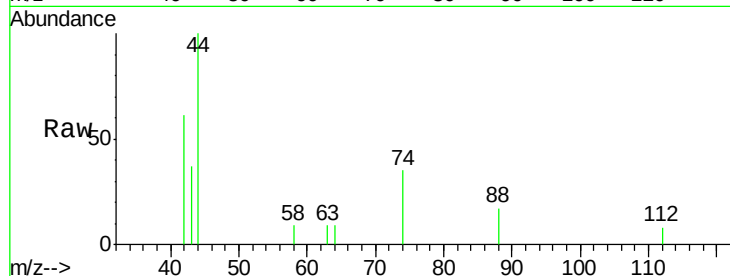
Tgt Ion: 42 Resp: 514

Ion Ratio Lower Upper

42 100

74 93.2 80.5 120.7

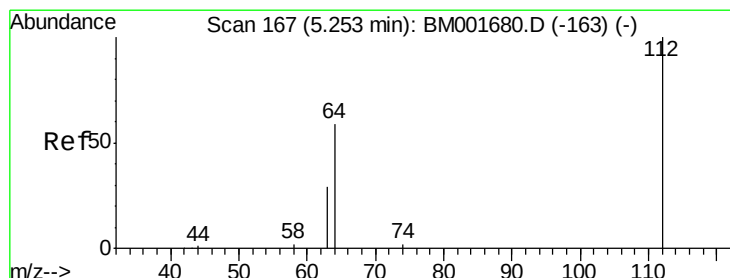
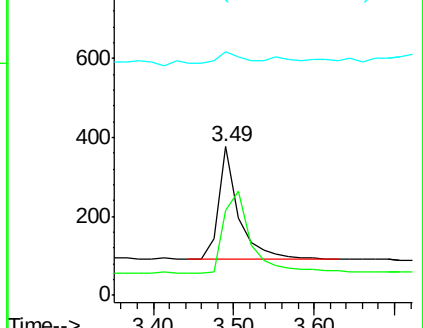
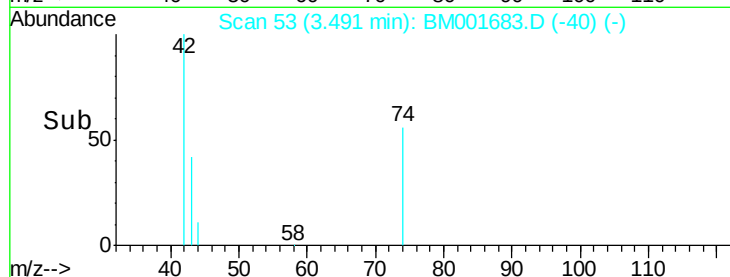
44 20.4 5.4 8.0#



Abundance Ion 42.00 (41.70 to 42.70): BM001683.D (-40) (-)

Ion 74.00 (73.70 to 74.70): BM001683.D (-40) (-)

Ion 44.00 (43.70 to 44.70): BM001683.D (-40) (-)



#4

2-Fluorophenol

Concen: 0.21 ng

RT: 5.25 min Scan# 167

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

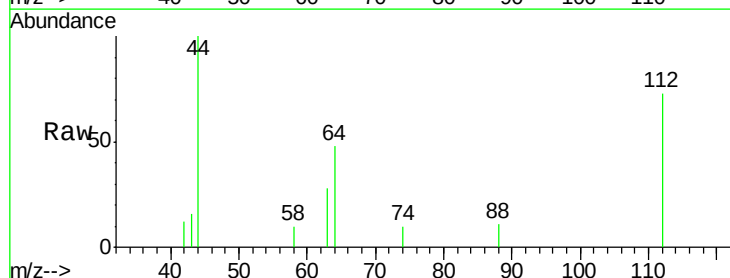
Tgt Ion: 112 Resp: 687

Ion Ratio Lower Upper

112 100

64 67.1 54.9 82.3

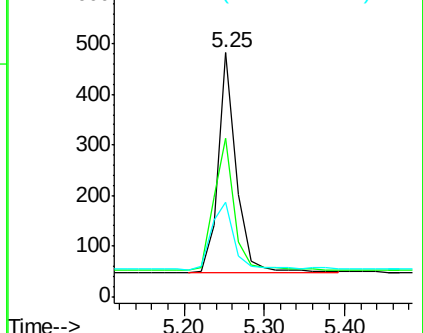
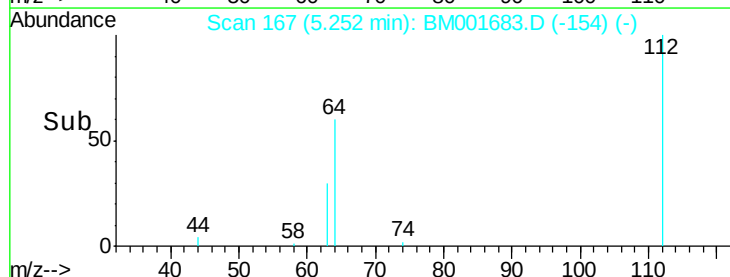
63 36.7 30.5 45.7

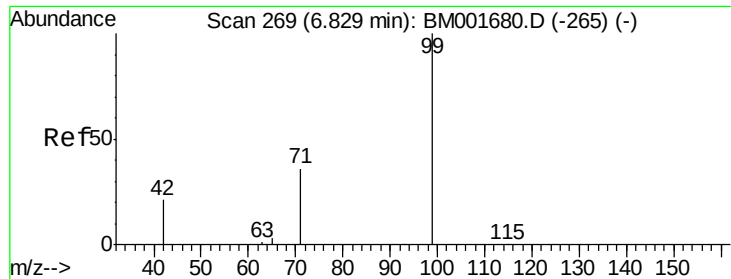


Abundance Ion 112.00 (111.70 to 112.70): BM001683.D (-154) (-)

Ion 64.00 (63.70 to 64.70): BM001683.D (-154) (-)

Ion 63.00 (62.70 to 63.70): BM001683.D (-154) (-)





#5

Phenol-d6

Concen: 0.20 ng

RT: 6.83 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

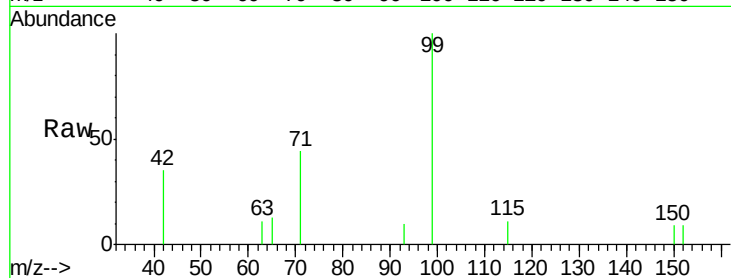
Tgt Ion: 99 Resp: 837

Ion Ratio Lower Upper

99 100

42 27.7 21.0 31.6

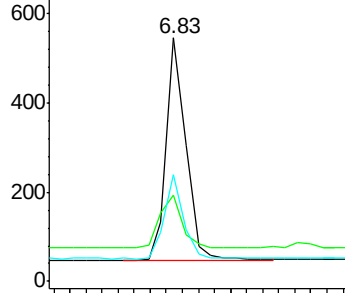
71 36.4 28.7 43.1



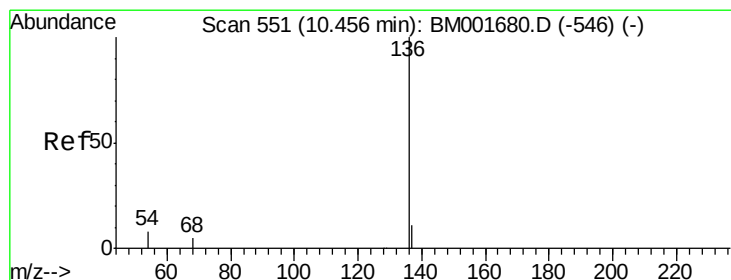
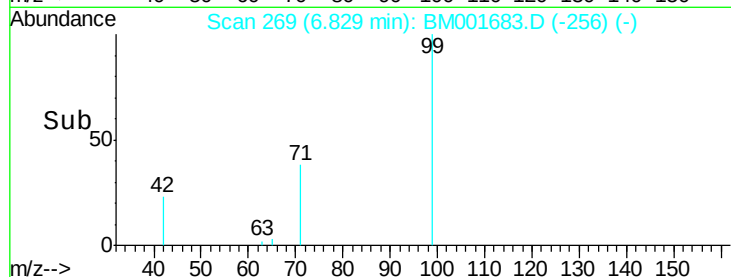
Abundance Ion 99.00 (98.70 to 99.70): BM001683.D (-256) (-)

Ion 42.00 (41.70 to 42.70): BM001683.D (-256) (-)

Ion 71.00 (70.70 to 71.70): BM001683.D (-256) (-)



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Tgt Ion: 136 Resp: 50031

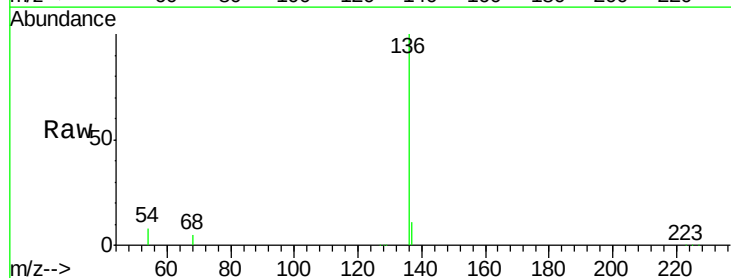
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.2 9.4

68 4.9 3.9 5.9

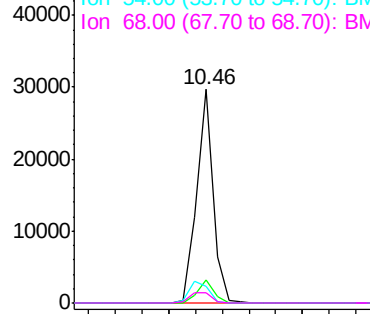


Abundance Ion 136.00 (135.70 to 136.70): BM001683.D (-539) (-)

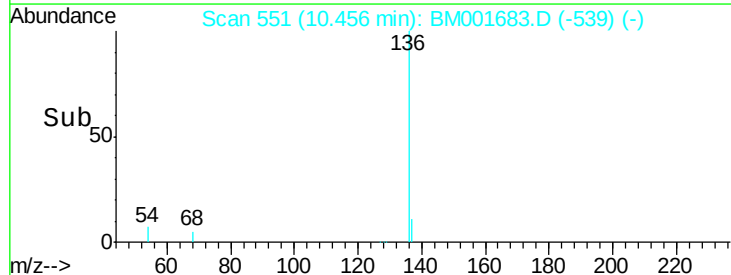
Ion 137.00 (136.70 to 137.70): BM001683.D (-539) (-)

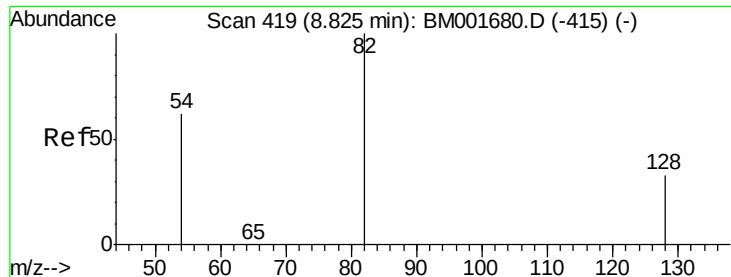
Ion 54.00 (53.70 to 54.70): BM001683.D (-539) (-)

Ion 68.00 (67.70 to 68.70): BM001683.D (-539) (-)



Time-->





#7

Nitrobenzene-d5

Concen: 0.20 ng

RT: 8.83 min Scan# 419

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

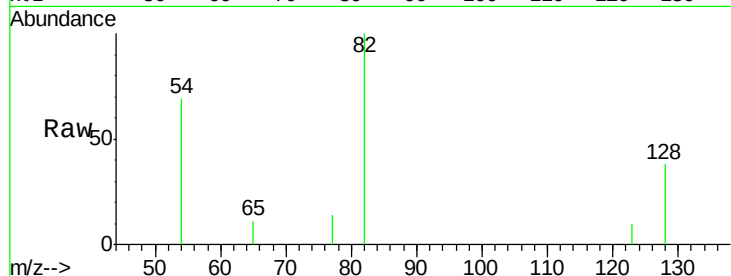
Tgt Ion: 82 Resp: 789

Ion Ratio Lower Upper

82 100

128 38.2 27.6 41.4

54 68.6 50.1 75.1

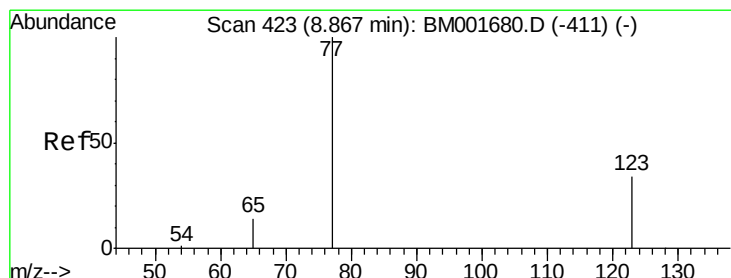
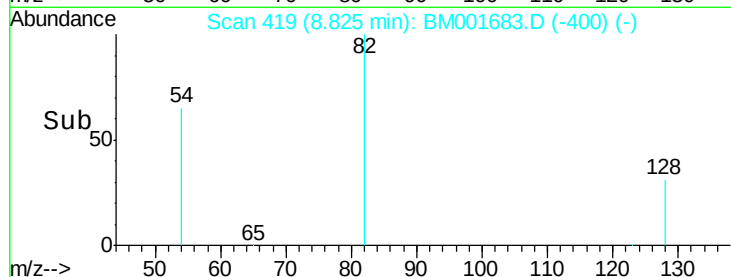


Abundance Ion 82.00 (81.70 to 82.70): BM001683.D (-415) (-)

Ion 128.00 (127.70 to 128.70): BM001683.D (-415) (-)

Ion 54.00 (53.70 to 54.70): BM001683.D (-415) (-)

Time-->



#8

Nitrobenzene

Concen: 0.20 ng

RT: 8.87 min Scan# 423

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

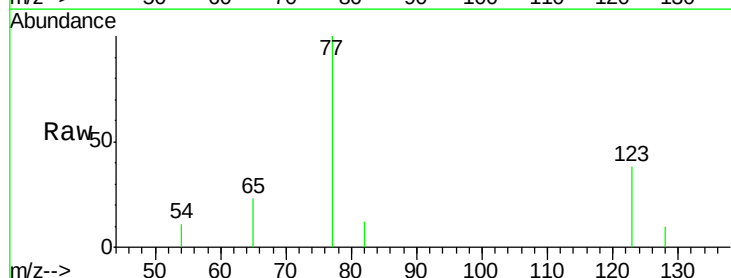
Tgt Ion: 77 Resp: 834

Ion Ratio Lower Upper

77 100

123 37.1 30.6 46.0

65 14.5 11.5 17.3

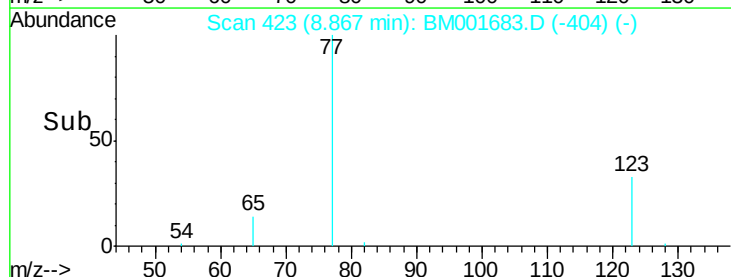


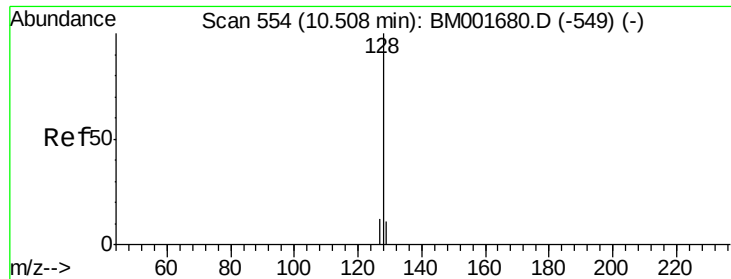
Abundance Ion 77.00 (76.70 to 77.70): BM001683.D (-404) (-)

Ion 123.00 (122.70 to 123.70): BM001683.D (-404) (-)

Ion 65.00 (64.70 to 65.70): BM001683.D (-404) (-)

Time-->





#9

Naphthalene

Concen: 0.21 ng

RT: 10.51 min Scan# 554

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

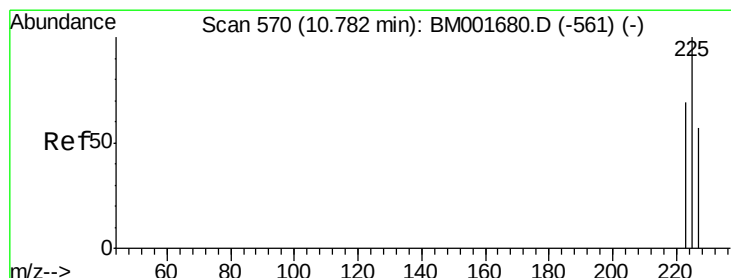
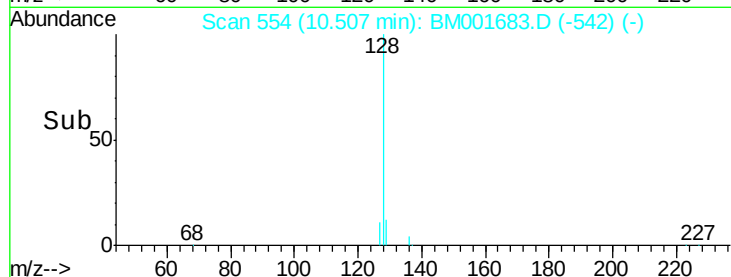
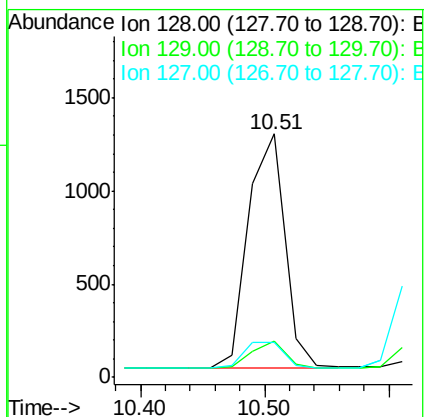
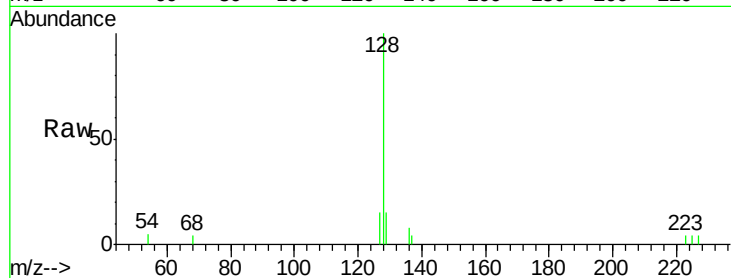
Tgt Ion:128 Resp: 2552

Ion Ratio Lower Upper

128 100

129 14.9 9.7 14.5#

127 14.6 9.8 14.6



#10

Hexachlorobutadiene

Concen: 0.21 ng

RT: 10.78 min Scan# 570

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

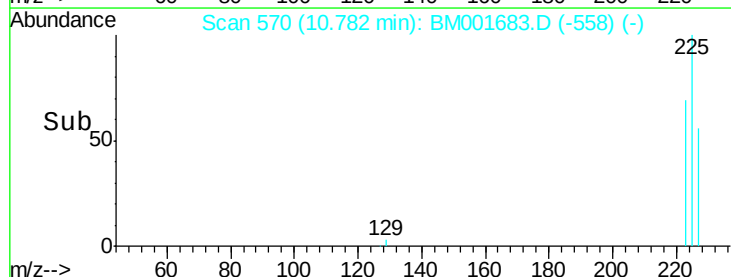
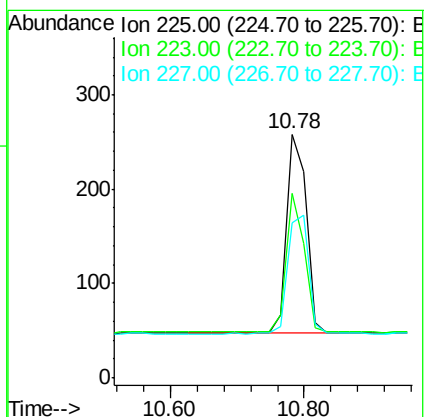
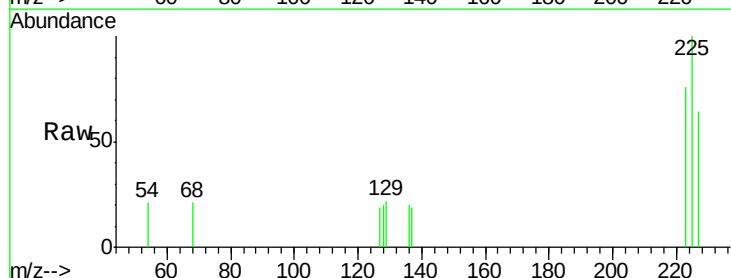
Tgt Ion:225 Resp: 426

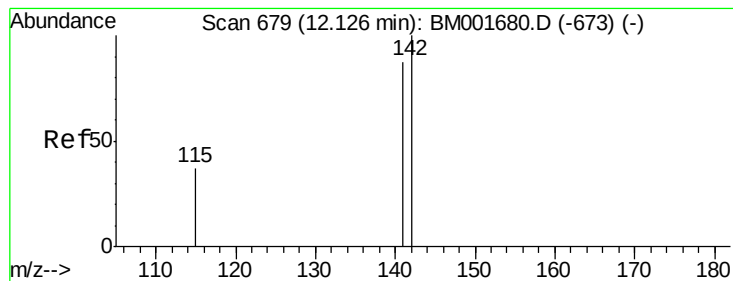
Ion Ratio Lower Upper

225 100

223 65.5 49.7 74.5

227 65.7 51.1 76.7





#11

2-Methylnaphthalene

Concen: 0.20 ng

RT: 12.13 min Scan# 679

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

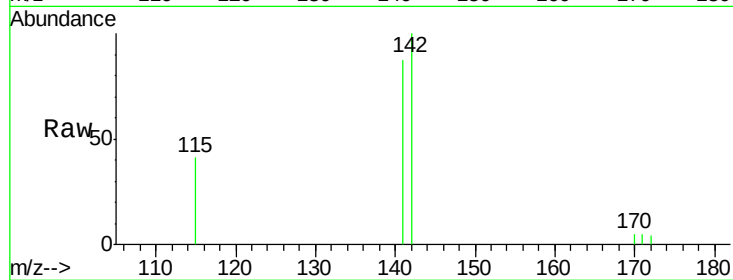
Tgt Ion:142 Resp: 1587

Ion Ratio Lower Upper

142 100

141 87.0 69.5 104.3

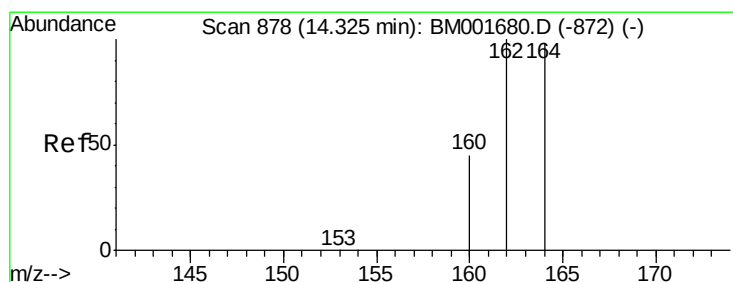
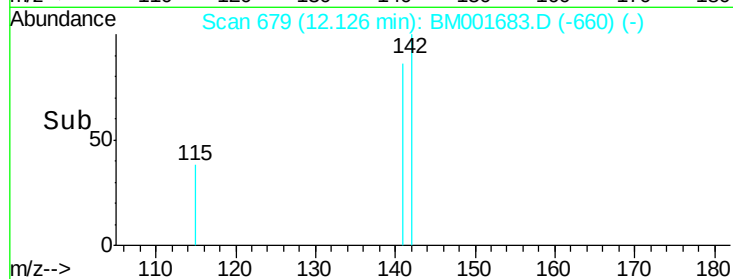
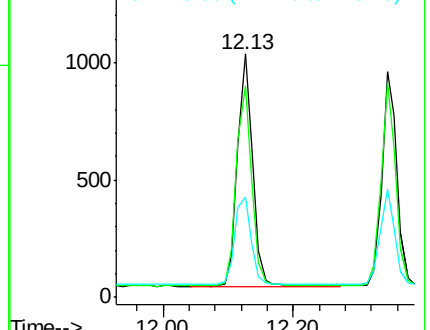
115 41.3 30.2 45.4



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



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.32 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

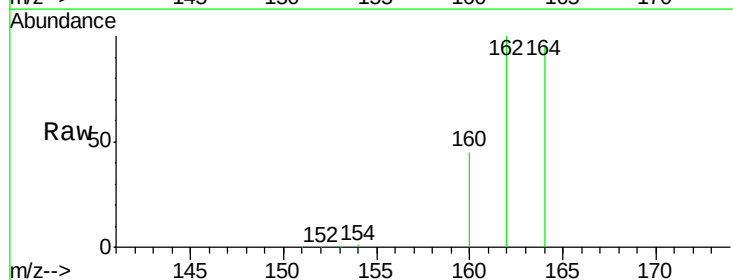
Tgt Ion:164 Resp: 23670

Ion Ratio Lower Upper

164 100

162 103.7 82.0 123.0

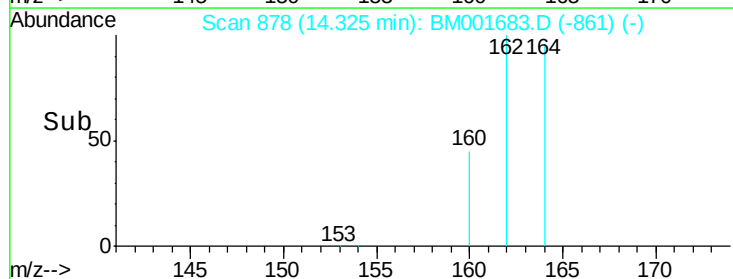
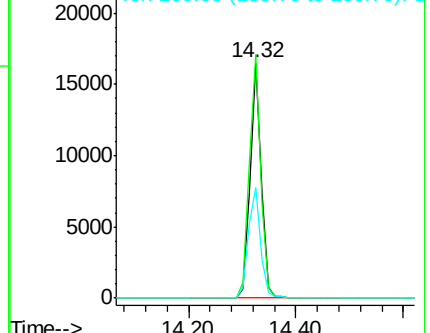
160 47.2 36.6 55.0

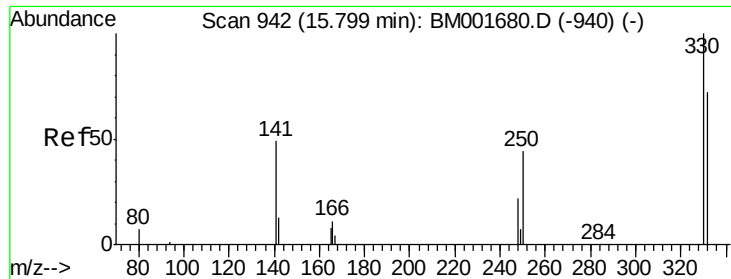


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

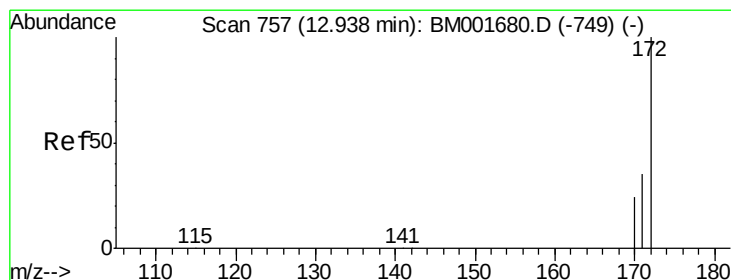
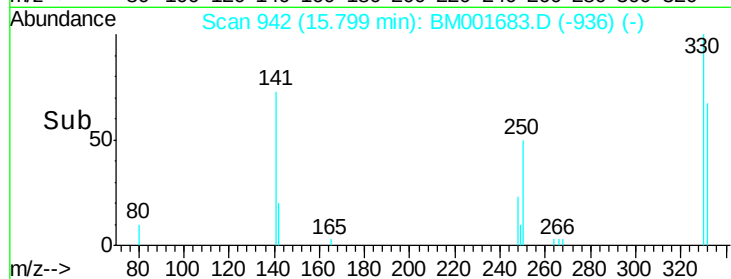
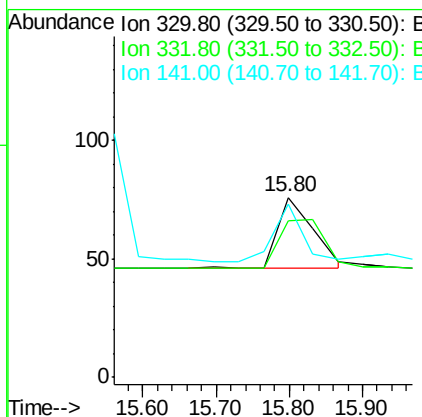
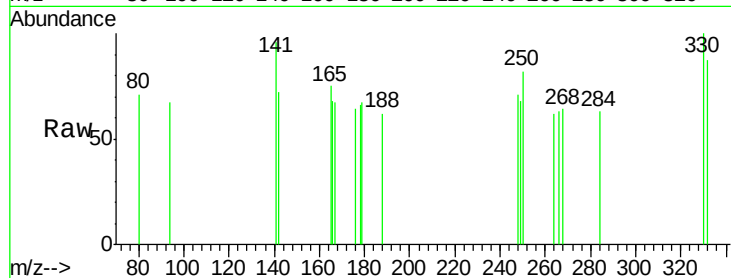




#13
 2,4,6-Tribromophenol
 Concen: 0.13 ng
 RT: 15.80 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BM001683.D
 Acq: 12 Jun 2015 23:21

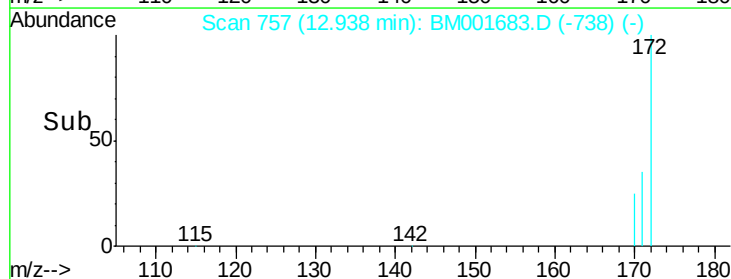
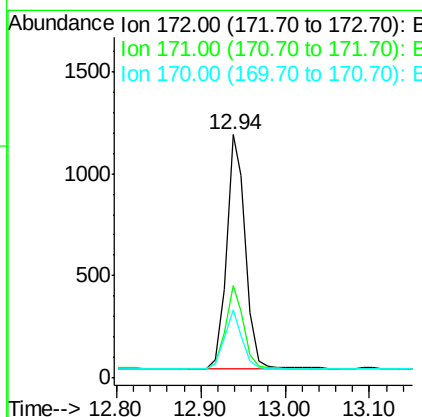
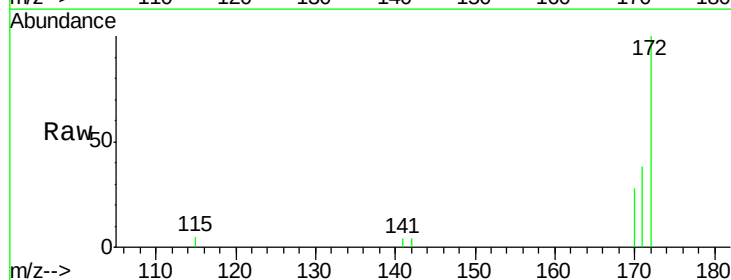
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

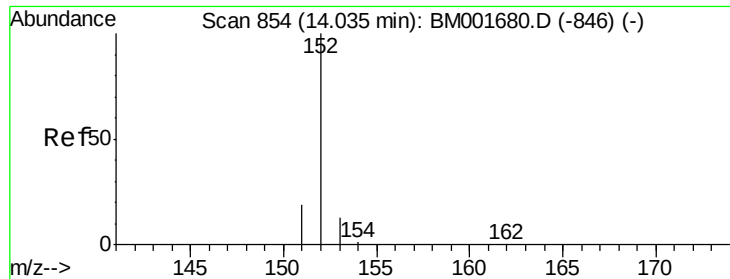
Tgt Ion: 330 Resp: 104
 Ion Ratio Lower Upper
 330 100
 332 0.0 68.6 103.0#
 141 62.5 39.0 58.4#



#14
 2-Fluorobiphenyl
 Concen: 0.22 ng
 RT: 12.94 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BM001683.D
 Acq: 12 Jun 2015 23:21

Tgt Ion: 172 Resp: 1797
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.4 42.6
 170 27.9 19.5 29.3

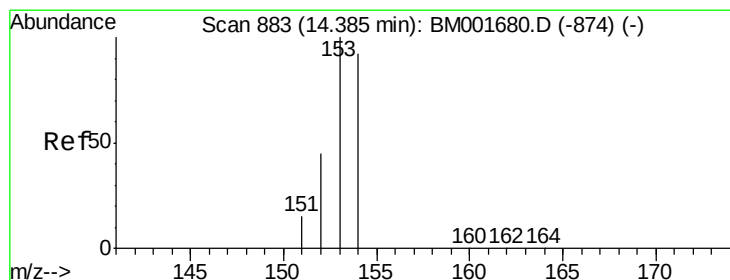
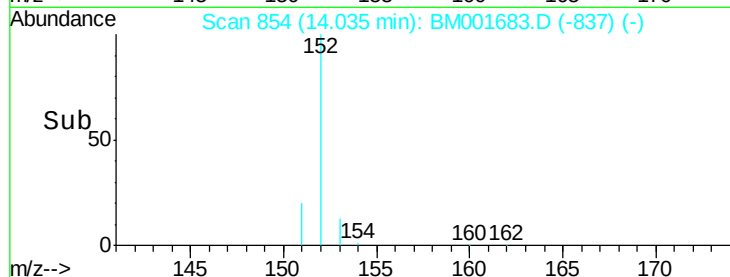
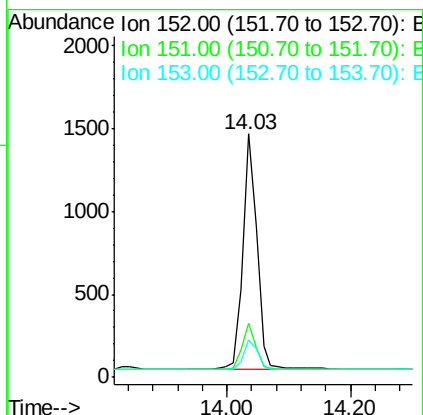
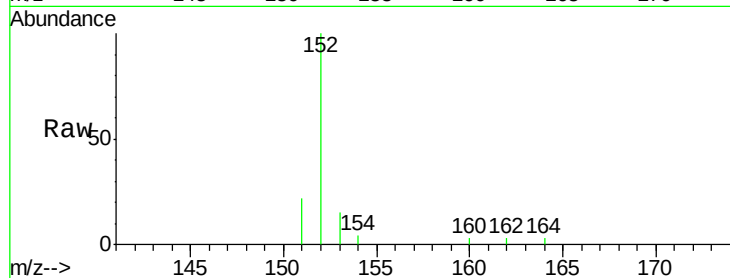




#15
Acenaphthylene
Concen: 0.20 ng
RT: 14.03 min Scan# 854
Delta R.T. -0.00 min
Lab File: BM001683.D
Acq: 12 Jun 2015 23:21

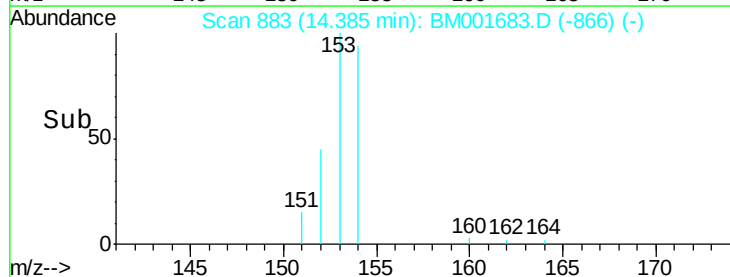
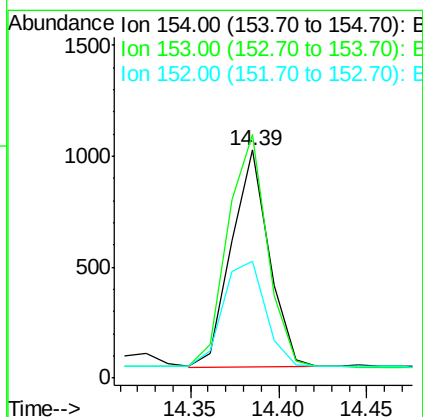
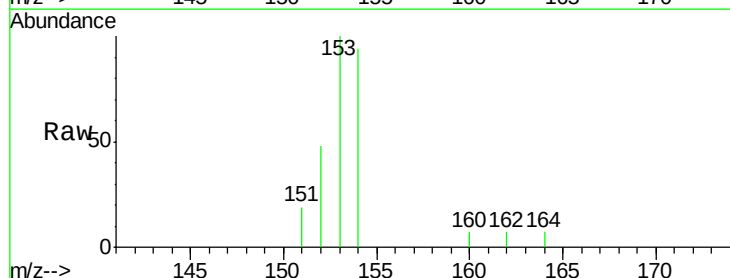
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

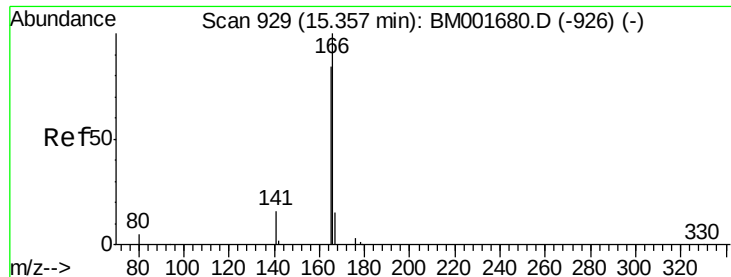
Tgt Ion:152 Resp: 2214
Ion Ratio Lower Upper
152 100
151 18.8 15.3 22.9
153 12.8 10.3 15.5



#16
Acenaphthene
Concen: 0.21 ng
RT: 14.39 min Scan# 883
Delta R.T. -0.00 min
Lab File: BM001683.D
Acq: 12 Jun 2015 23:21

Tgt Ion:154 Resp: 1455
Ion Ratio Lower Upper
154 100
153 114.6 89.3 133.9
152 56.2 43.7 65.5

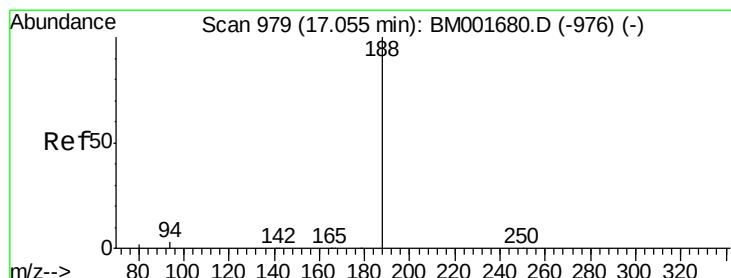
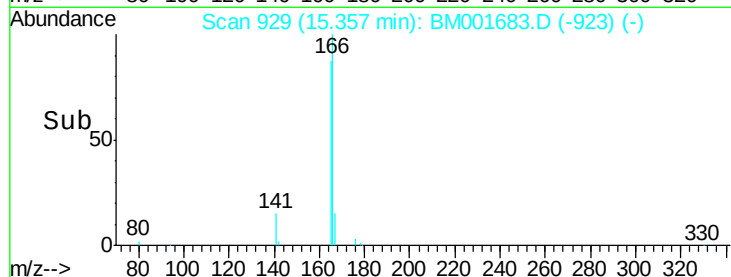
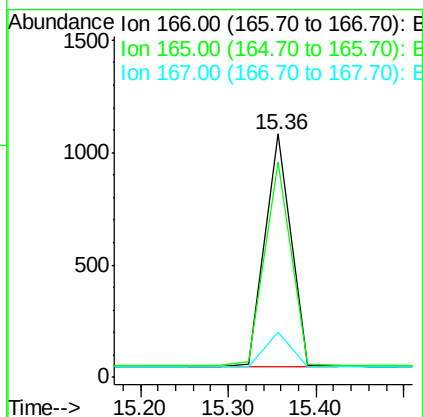
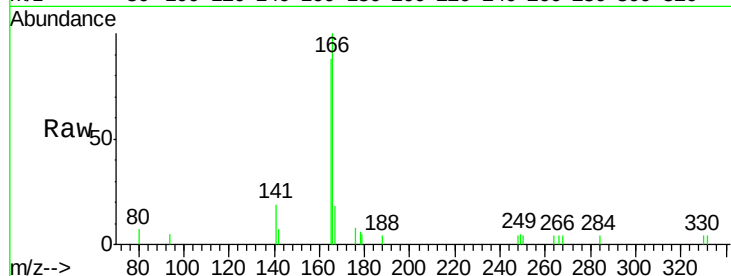




#17
Fluorene
 Concen: 0.28 ng
 RT: 15.36 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BM001683.D
 Acq: 12 Jun 2015 23:21

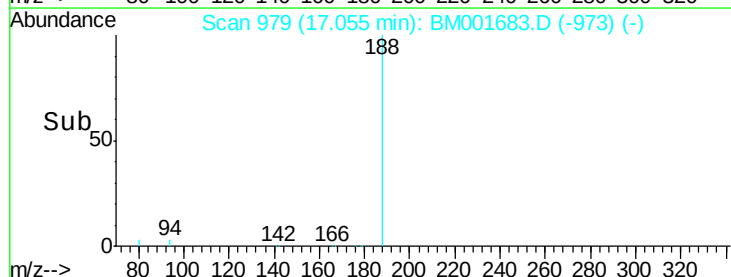
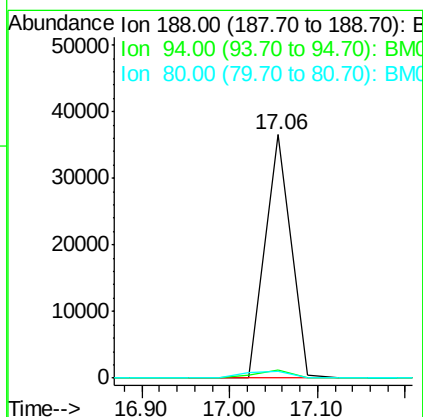
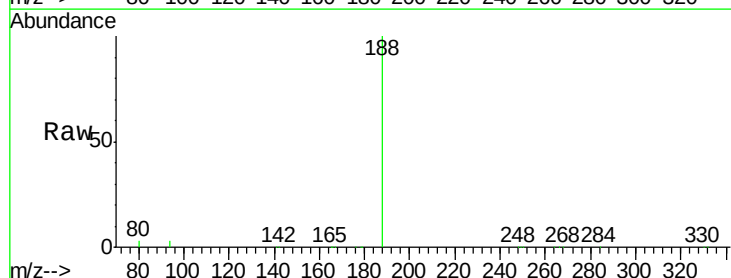
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

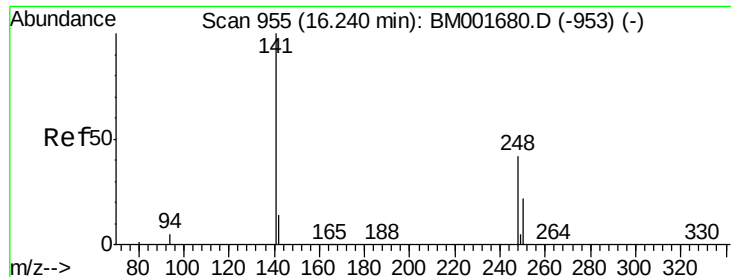
Tgt Ion:	166	Resp:	2154
Ion	Ratio	Lower	Upper
166	100		
165	88.2	68.5	102.7
167	14.6	11.8	17.6



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.06 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BM001683.D
 Acq: 12 Jun 2015 23:21

Tgt Ion:	188	Resp:	75339
Ion	Ratio	Lower	Upper
188	100		
94	3.3	2.2	3.2#
80	2.9	1.8	2.8#

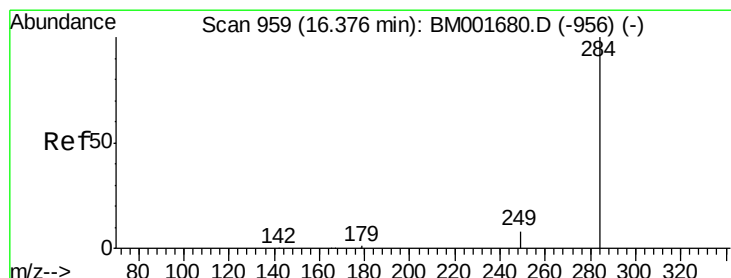
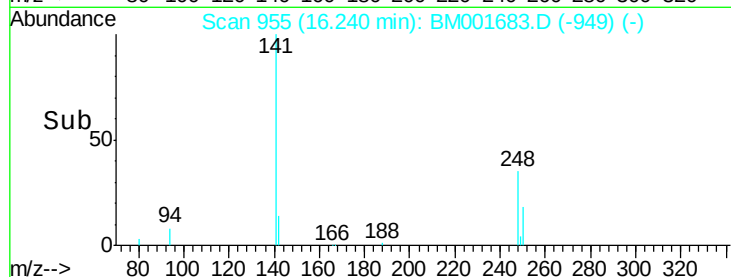
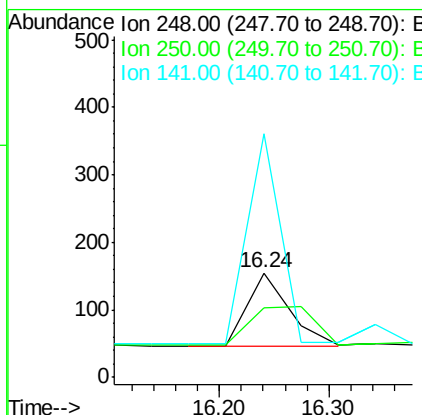
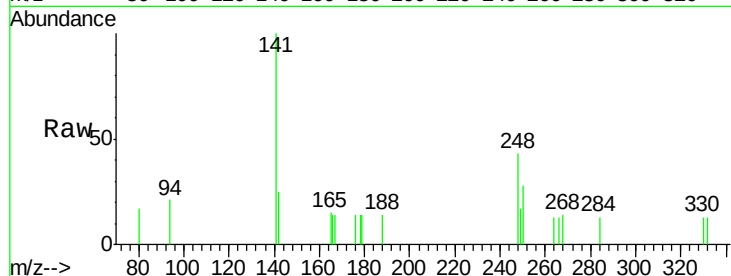




#19
4-Bromophenyl-phenylether
Concen: 0.04 ng
RT: 16.24 min Scan# 955
Delta R.T. -0.00 min
Lab File: BM001683.D
Acq: 12 Jun 2015 23:21

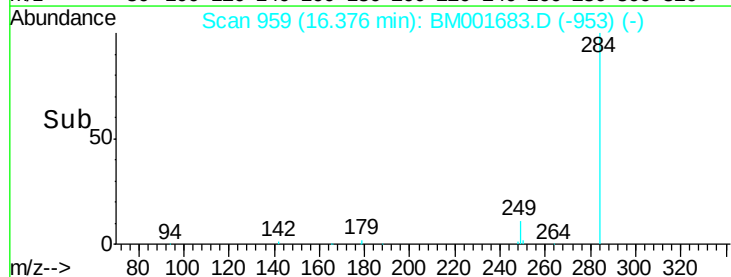
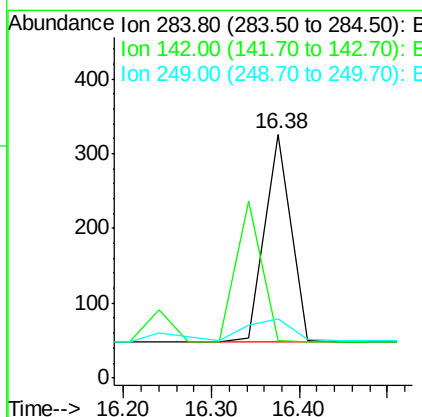
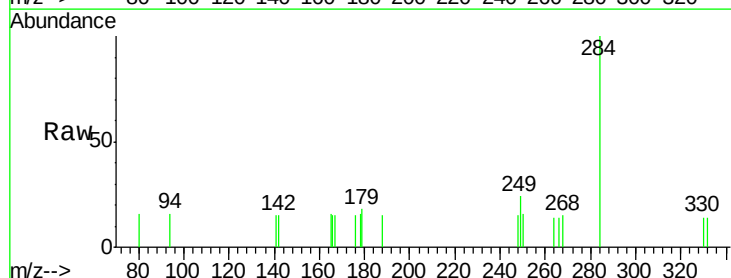
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

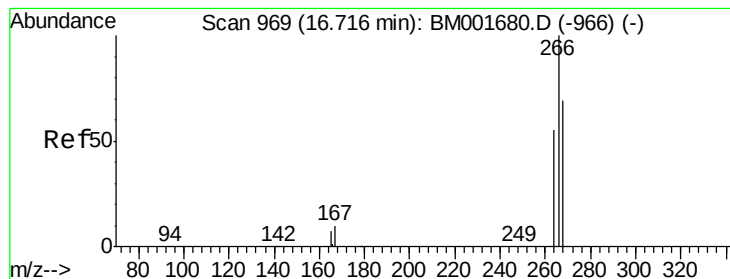
Tgt Ion: 248 Resp: 289
Ion Ratio Lower Upper
248 100
250 0.0 59.7 89.5#
141 221.5 166.4 249.6



#20
Hexachlorobenzene
Concen: 0.09 ng
RT: 16.38 min Scan# 959
Delta R.T. -0.00 min
Lab File: BM001683.D
Acq: 12 Jun 2015 23:21

Tgt Ion: 284 Resp: 583
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 17.5 0.0 0.0#





#21

Pentachlorophenol

Concen: 0.11 ng

RT: 16.72 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

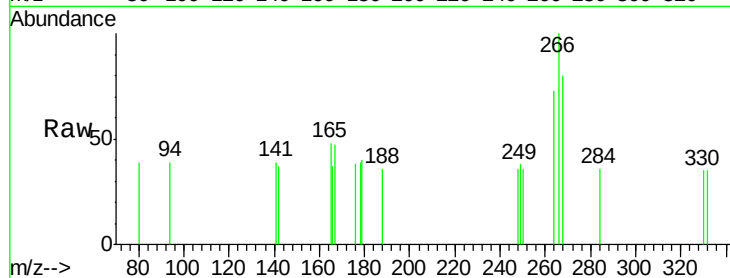
Tgt Ion:266 Resp: 206

Ion Ratio Lower Upper

266 100

268 80.3 57.2 85.8

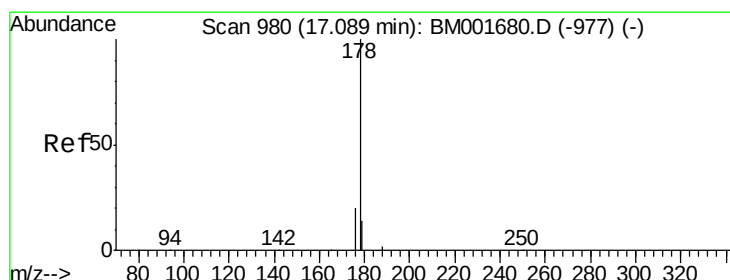
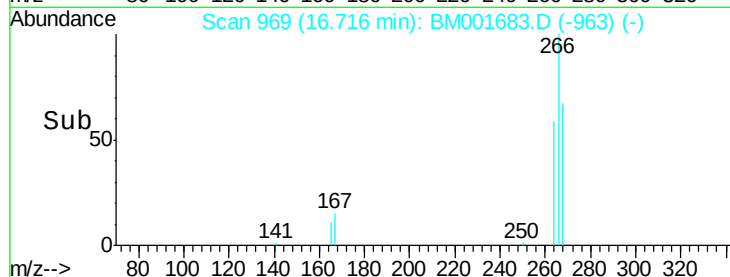
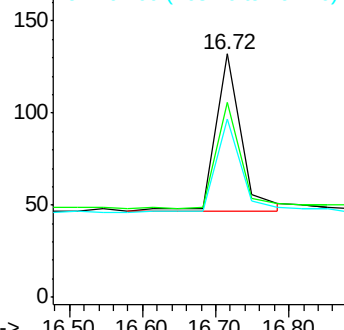
264 73.5 46.3 69.5#



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: 0.16 ng

RT: 17.09 min Scan# 980

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

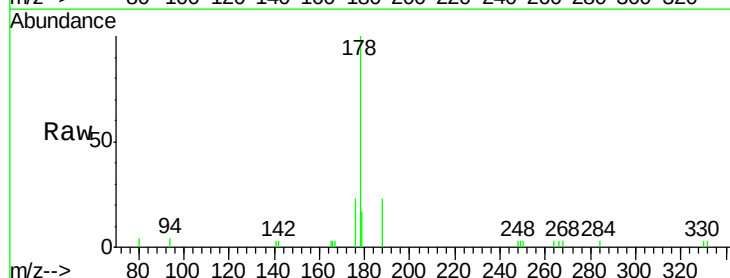
Tgt Ion:178 Resp: 3805

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

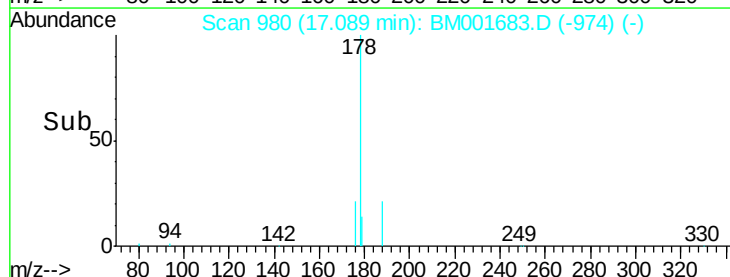
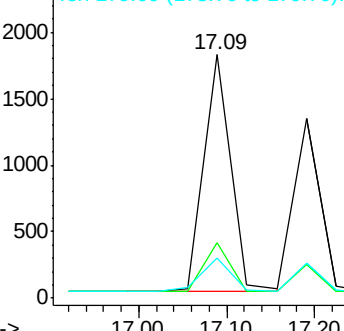
179 15.7 11.8 17.8

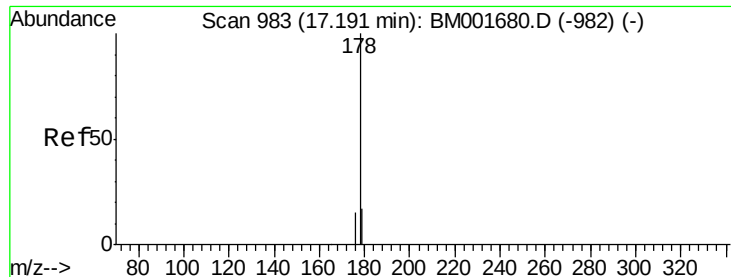


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.10 ng

RT: 17.19 min Scan# 983

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

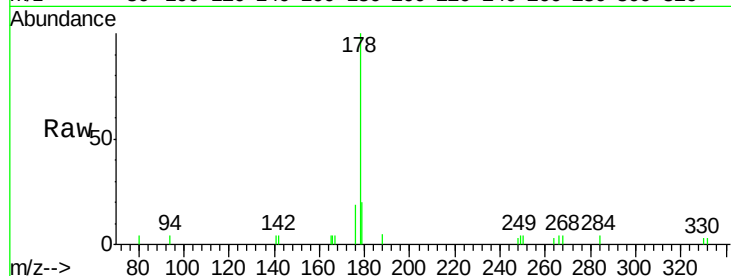
Tgt Ion:178 Resp: 2664

Ion Ratio Lower Upper

178 100

176 15.8 12.6 18.8

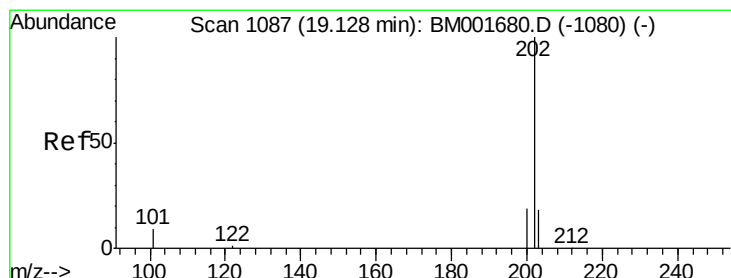
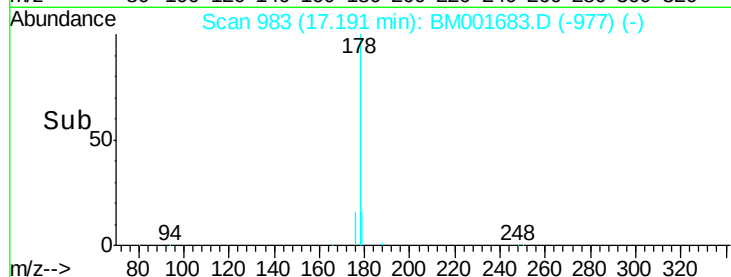
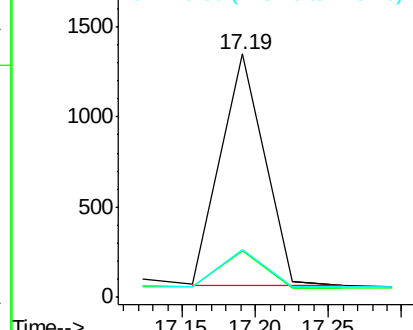
179 16.1 13.5 20.3



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

Fluoranthene

Concen: 0.08 ng

RT: 19.13 min Scan# 1087

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

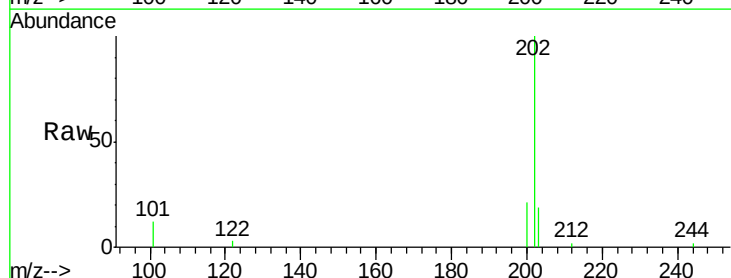
Tgt Ion:202 Resp: 2788

Ion Ratio Lower Upper

202 100

101 13.0 10.3 15.5

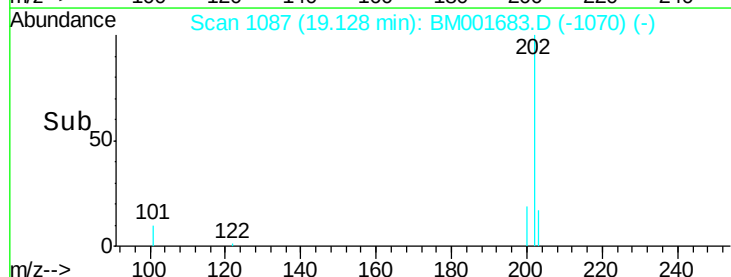
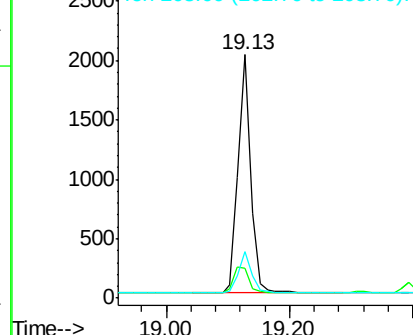
203 16.8 13.8 20.6

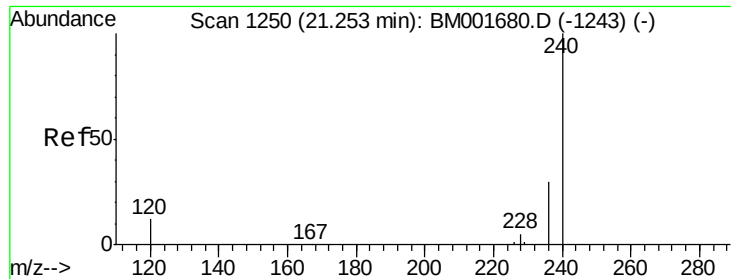


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

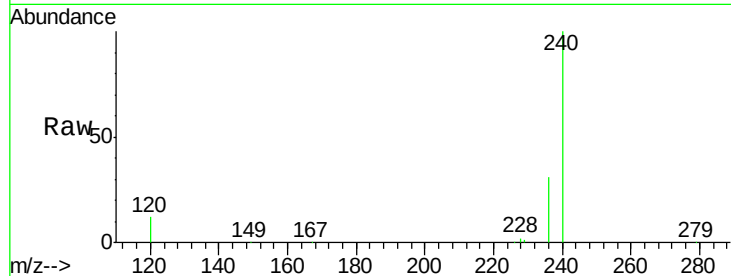
Tgt Ion:240 Resp: 42708

Ion Ratio Lower Upper

240 100

120 12.5 9.9 14.9

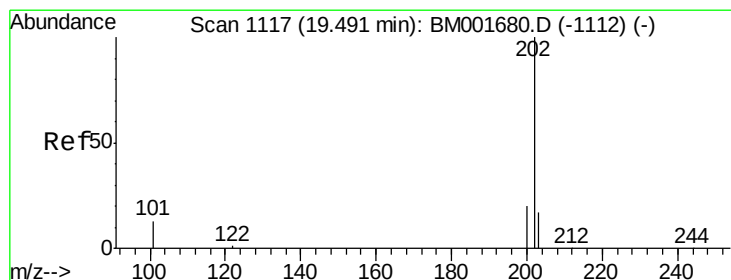
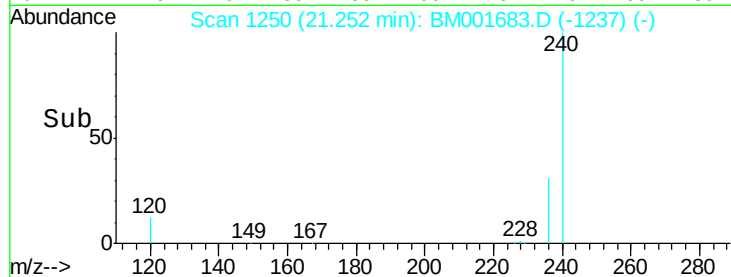
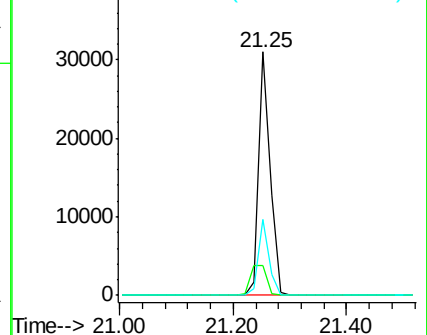
236 31.1 23.9 35.9



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: 0.20 ng

RT: 19.49 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

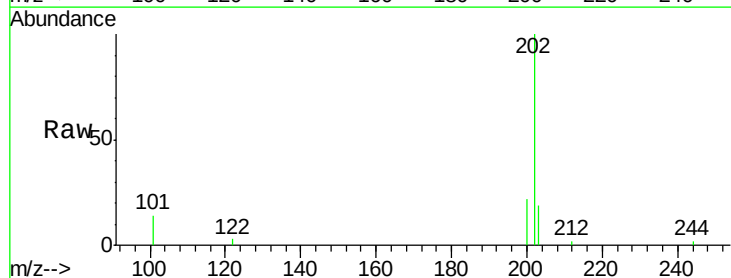
Tgt Ion:202 Resp: 2928

Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

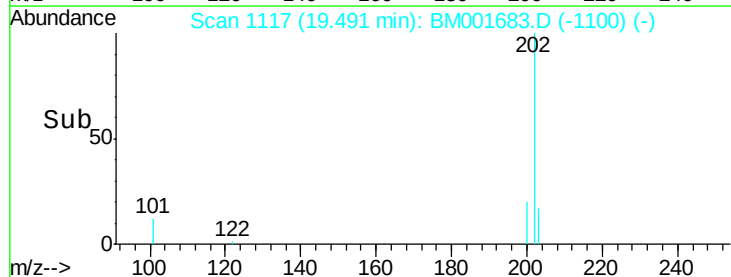
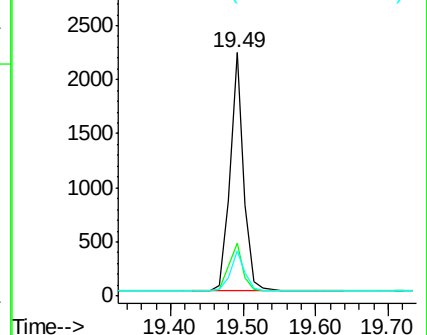
203 17.6 13.6 20.4

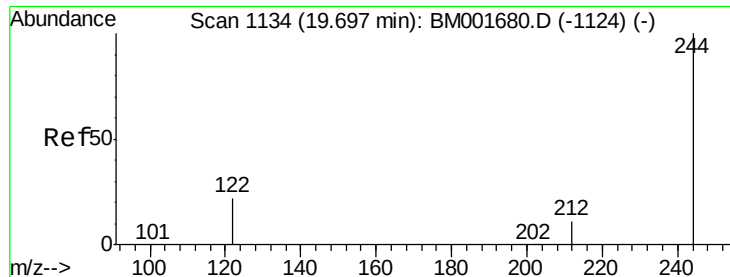


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

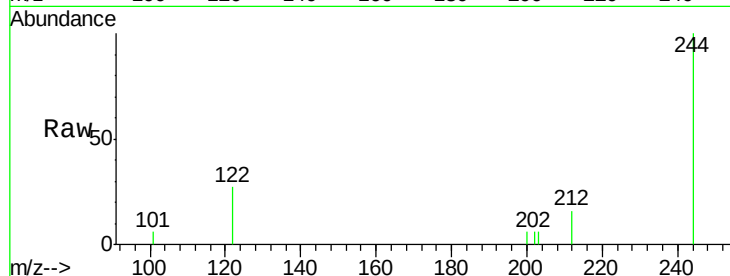




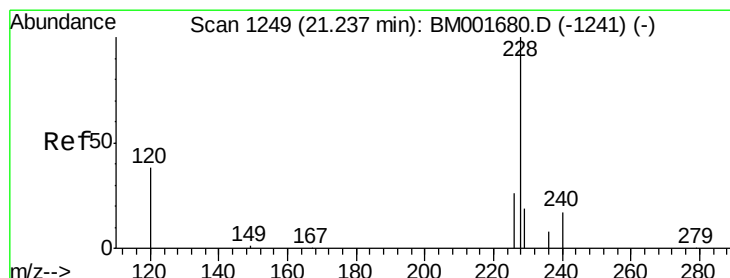
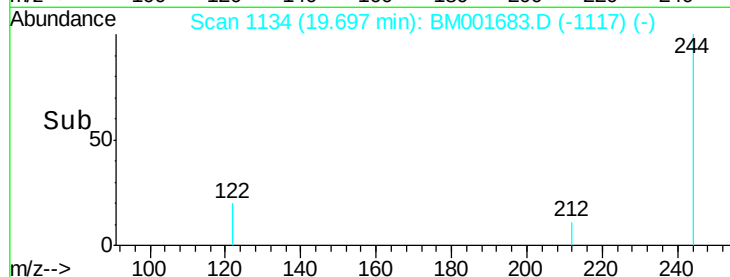
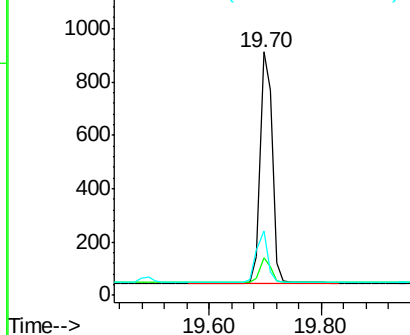
#27
 Terphenyl-d14
 Concen: 0.20 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. -0.00 min
 Lab File: BM001683.D
 Acq: 12 Jun 2015 23:21

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Tgt Ion: 244 Resp: 1309
 Ion Ratio Lower Upper
 244 100
 212 15.7 9.6 14.4#
 122 26.8 18.4 27.6

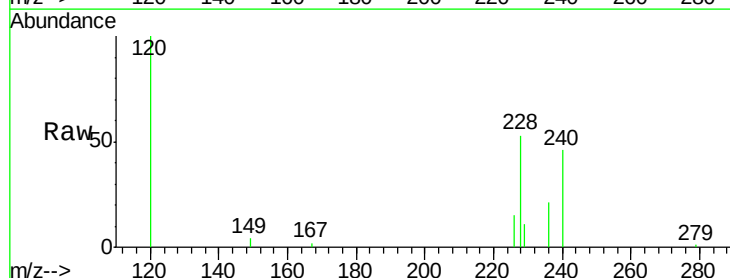


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

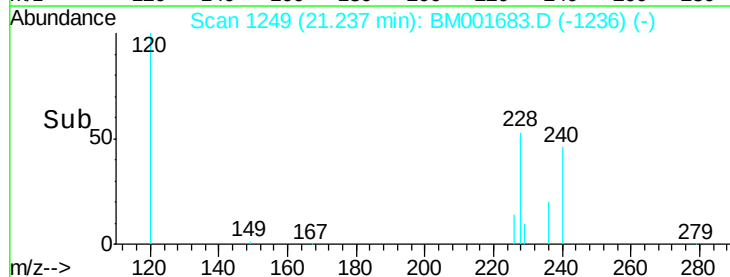
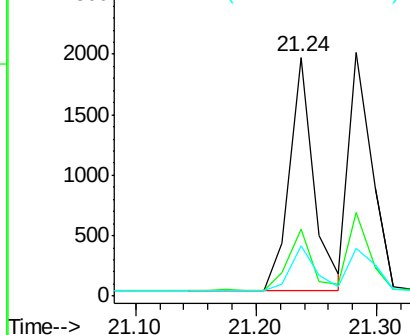


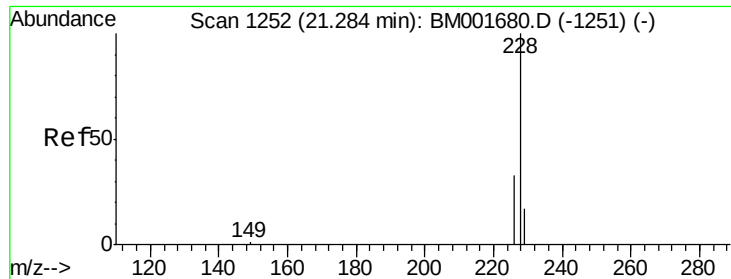
#28
 Benzo(a)anthracene
 Concen: 0.20 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BM001683.D
 Acq: 12 Jun 2015 23:21

Tgt Ion: 228 Resp: 2707
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.0 31.4
 229 21.0 15.8 23.8



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





#29

Chrysene

Concen: 0.21 ng

RT: 21.28 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampled :

SSTDICC0.2

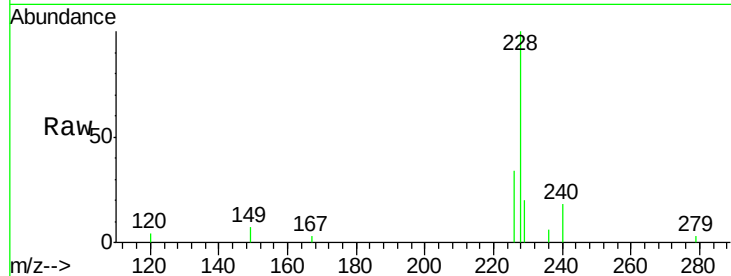
Tgt Ion:228 Resp: 2659

Ion Ratio Lower Upper

228 100

226 34.5 27.4 41.0

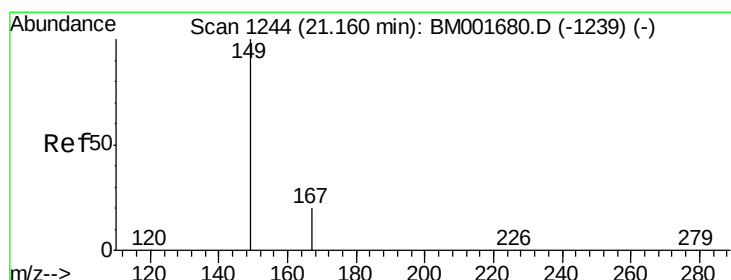
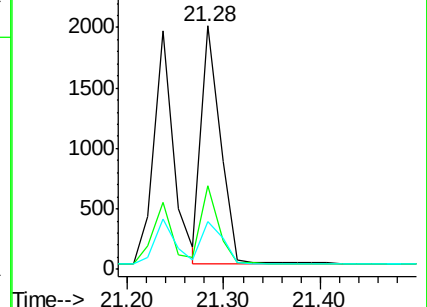
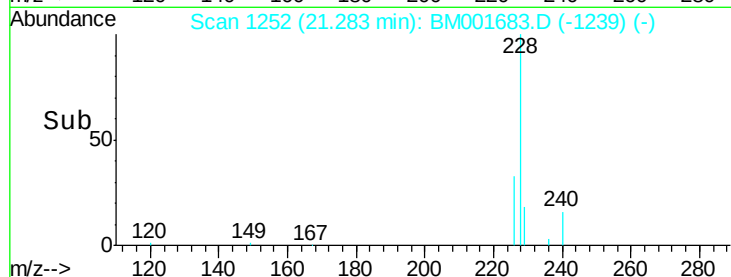
229 19.5 13.7 20.5



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: 0.18 ng

RT: 21.16 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

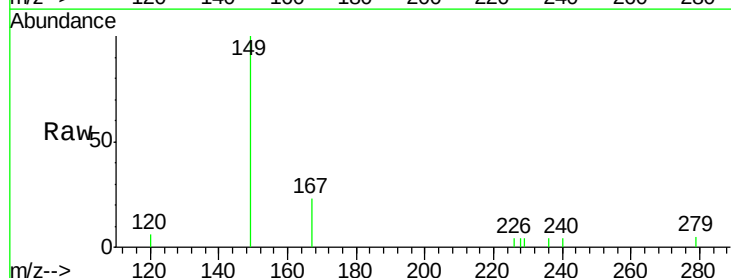
Tgt Ion:149 Resp: 1479

Ion Ratio Lower Upper

149 100

167 25.3 20.4 30.6

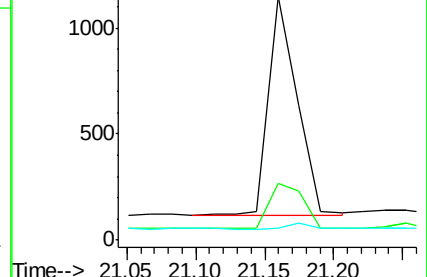
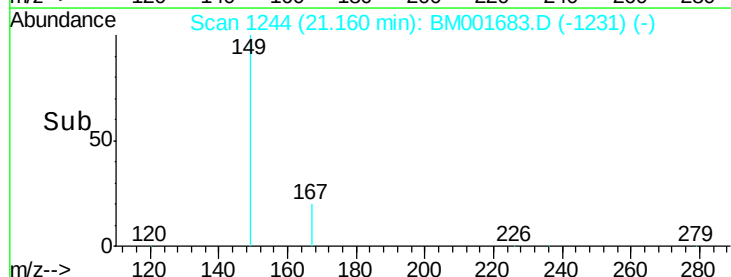
279 2.4 1.7 2.5

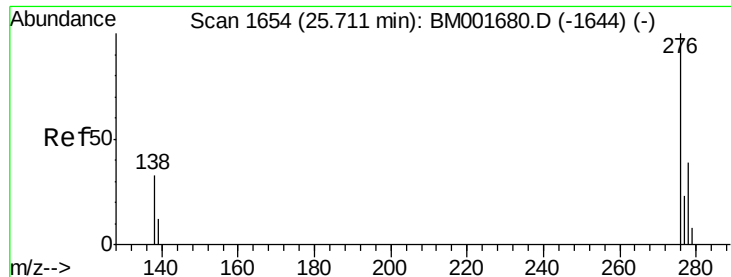


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.26 ng

RT: 25.71 min Scan# 1654

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

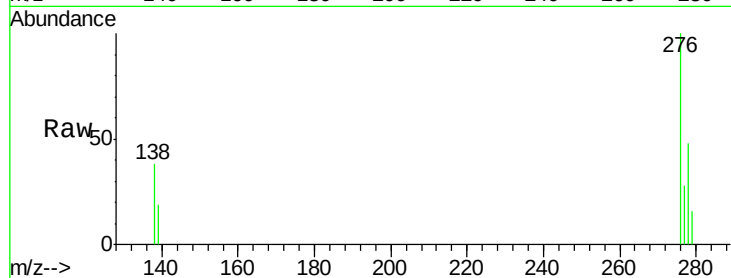
Tgt Ion:276 Resp: 2709

Ion Ratio Lower Upper

276 100

138 34.3 27.8 41.8

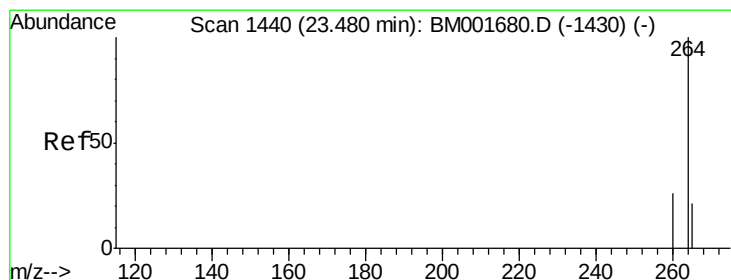
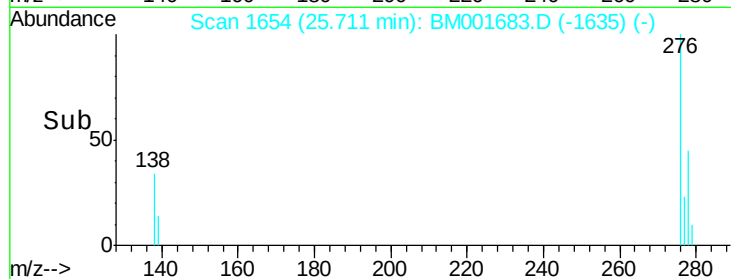
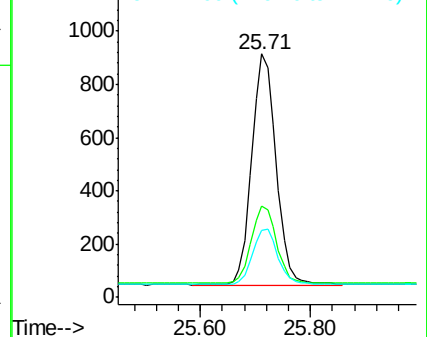
277 24.6 19.7 29.5



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: BM001683.D

Acq: 12 Jun 2015 23:21

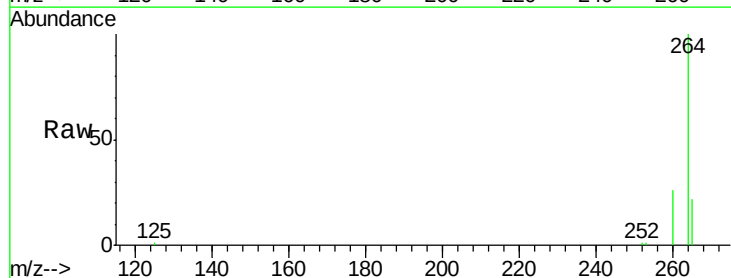
Tgt Ion:264 Resp: 39265

Ion Ratio Lower Upper

264 100

260 25.6 20.8 31.2

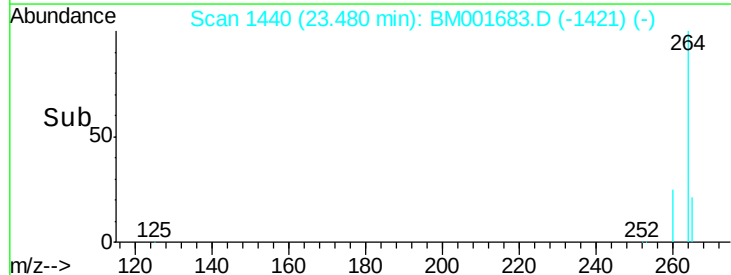
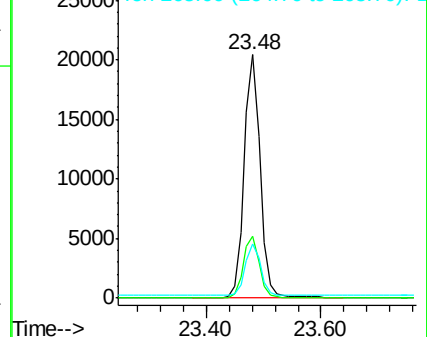
265 22.0 17.3 25.9

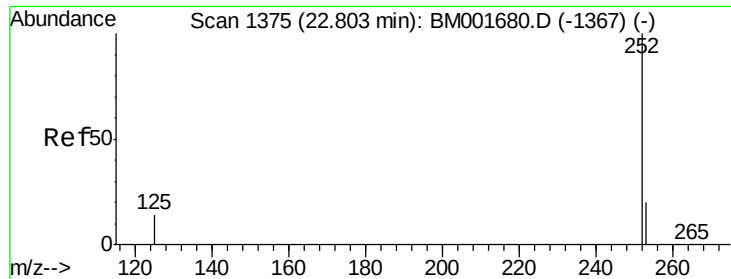


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.19 ng

RT: 22.80 min Scan# 1375

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

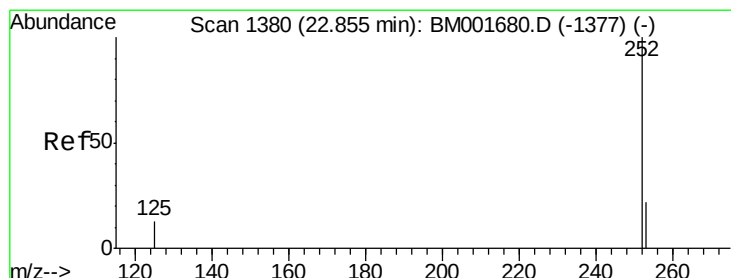
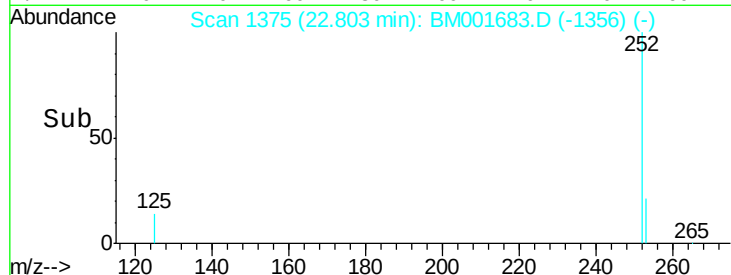
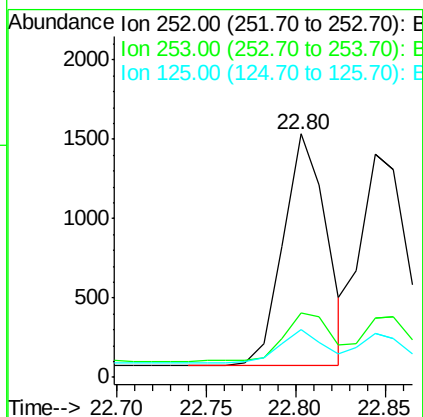
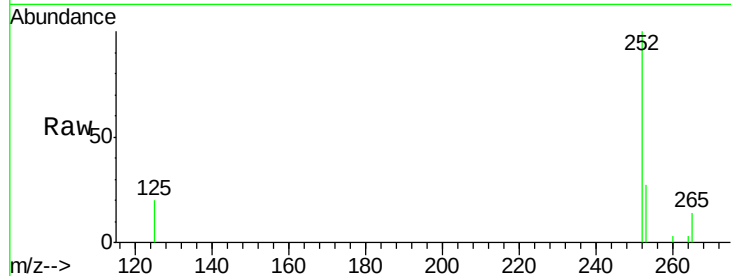
Tgt Ion:252 Resp: 2469

Ion Ratio Lower Upper

252 100

253 26.7 17.4 26.0#

125 19.6 12.3 18.5#



#34

Benzo(k)fluoranthene

Concen: 0.20 ng

RT: 22.84 min Scan# 1379

Delta R.T. -0.01 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

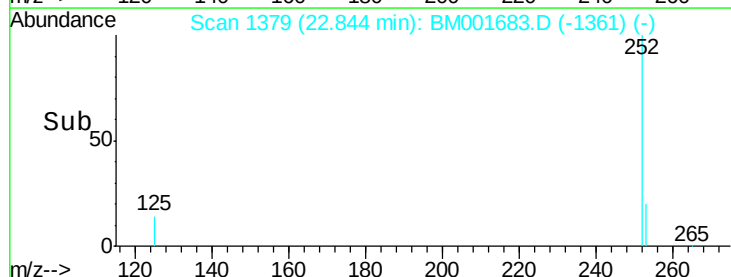
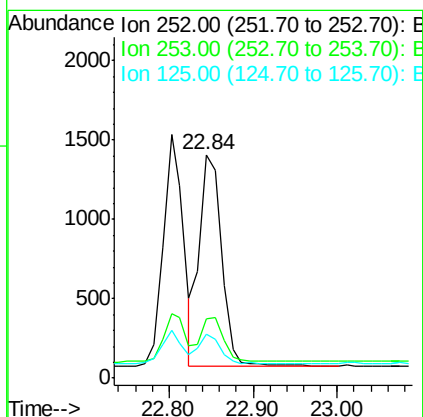
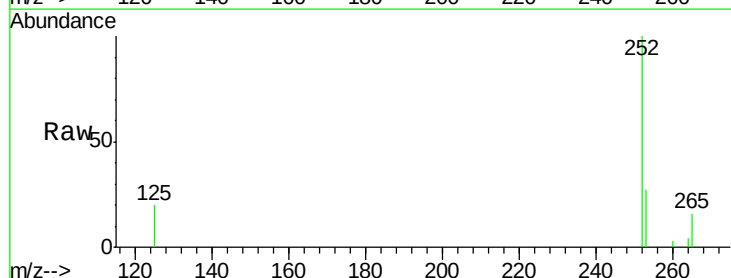
Tgt Ion:252 Resp: 2433

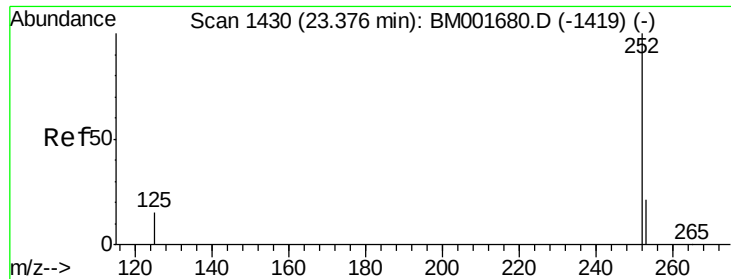
Ion Ratio Lower Upper

252 100

253 26.7 19.4 29.0

125 19.8 11.0 16.4#





#35

Benzo(a)pyrene

Concen: 0.20 ng

RT: 23.38 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

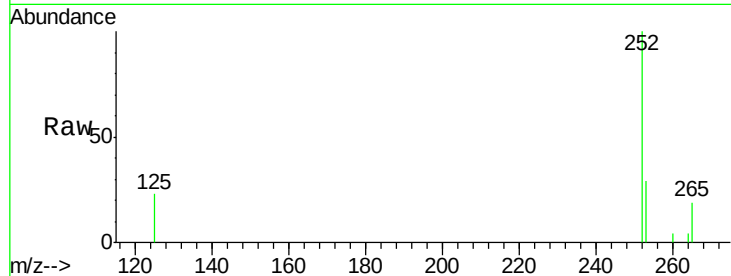
Tgt Ion: 252 Resp: 2148

Ion Ratio Lower Upper

252 100

253 29.0 17.8 26.8#

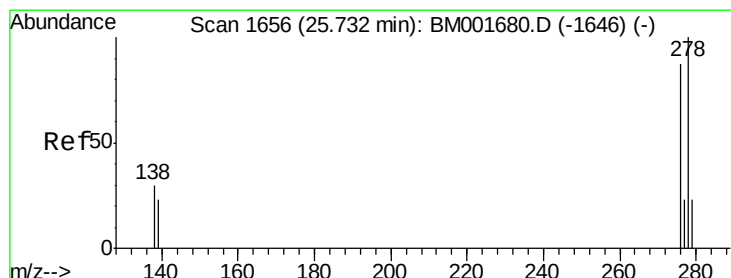
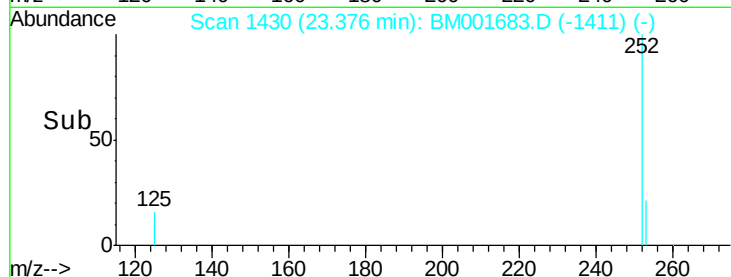
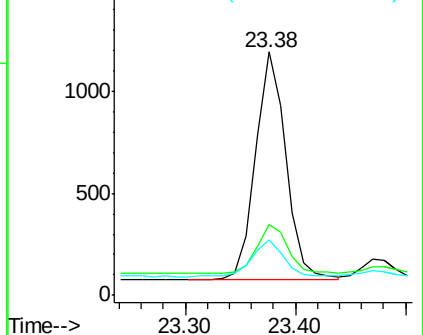
125 22.6 13.4 20.2#



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: 0.23 ng

RT: 25.73 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BM001683.D

Acq: 12 Jun 2015 23:21

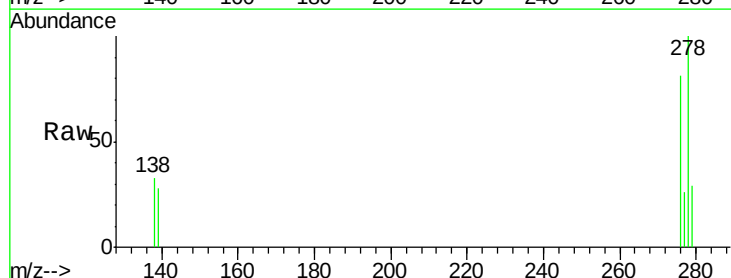
Tgt Ion: 278 Resp: 2152

Ion Ratio Lower Upper

278 100

139 28.0 19.4 29.0

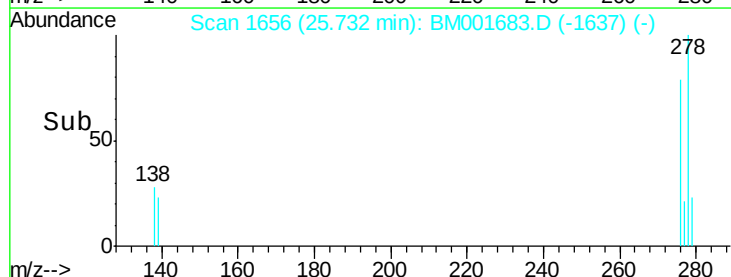
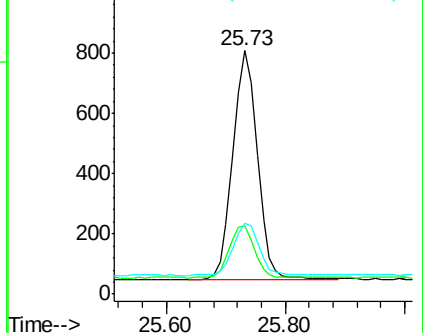
279 29.1 19.4 29.2

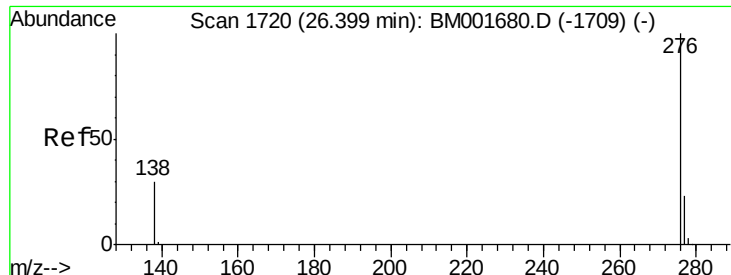


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.23 ng

RT: 26.40 min Scan# 1720

Delta R.T. -0.00 min

Lab File: BM001683.D

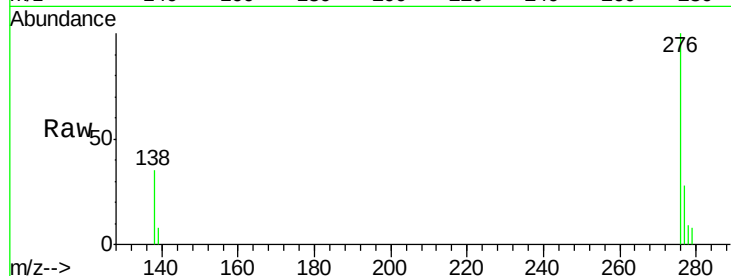
Acq: 12 Jun 2015 23:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2



Tgt Ion: 276 Resp: 2332

Ion Ratio Lower Upper

276 100

277 28.0 19.0 28.4

138 34.6 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

