

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
 Data File : BM001768.D
 Acq On : 19 Jun 2015 18:51
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC001EC

Quant Time: Jun 20 02:11:16 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 19 05:05:14 2015
 Response via : Initial Calibration

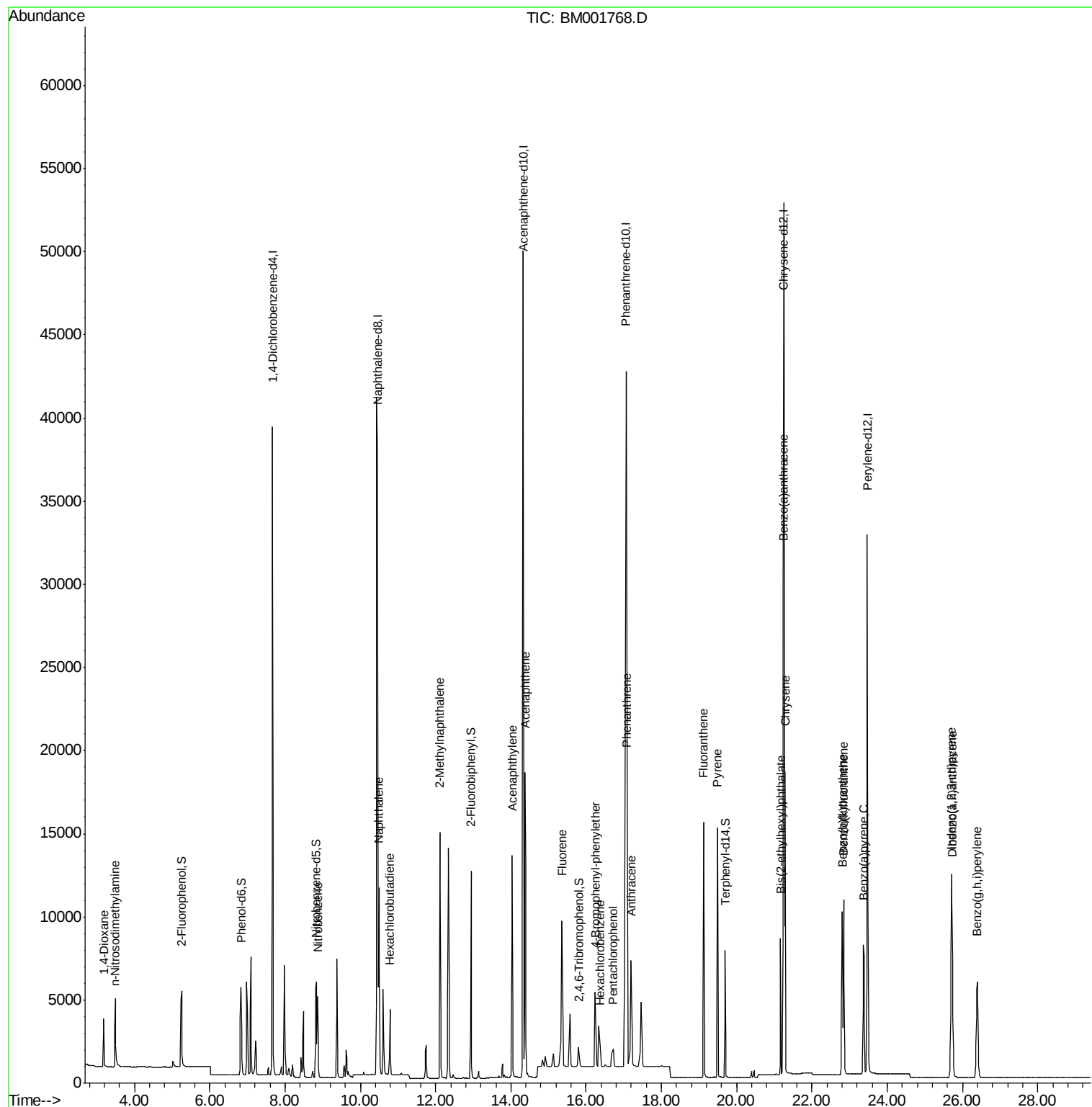
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	18624	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	68225	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	33450	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	84451	5.00	ng	0.00
25) Chrysene-d12	21.25	240	48493	5.00	ng	0.00
32) Perylene-d12	23.47	264	41262	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	4359	1.00	ng	0.00
5) Phenol-d6	6.83	99	5537	0.99	ng	0.00
7) Nitrobenzene-d5	8.83	82	5259	0.99	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	1088	1.04	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	12044	1.01	ng	0.00
27) Terphenyl-d14	19.70	244	7286	1.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	2117	1.00	ng	98
3) n-Nitrosodimethylamine	3.48	42	3327	1.01	ng	96
8) Nitrobenzene	8.87	77	5685	0.99	ng	100
9) Naphthalene	10.49	128	16539	0.99	ng	100
10) Hexachlorobutadiene	10.78	225	2761	0.98	ng	99
11) 2-Methylnaphthalene	12.12	142	10686	1.01	ng	99
15) Acenaphthylene	14.03	152	15702	0.99	ng	100
16) Acenaphthene	14.37	154	9779	0.98	ng	100
17) Fluorene	15.36	166	8972	1.05	ng	99
19) 4-Bromophenyl-phenylether	16.24	248	3229	0.93	ng	99
20) Hexachlorobenzene	16.38	284	2236	0.94	ng	# 100
21) Pentachlorophenol	16.72	266	1013	0.96	ng	99
22) Phenanthrene	17.09	178	25238	0.87	ng	98
23) Anthracene	17.19	178	9866	0.81	ng	94
24) Fluoranthene	19.12	202	15816	0.87	ng	100
26) Pyrene	19.49	202	16543	0.98	ng	100
28) Benzo(a)anthracene	21.24	228	13294	0.91	ng	99
29) Chrysene	21.28	228	14814	0.96	ng	99
30) Bis(2-ethylhexyl)phthalate	21.16	149	7321	0.87	ng	99
31) Indeno(1,2,3-cd)pyrene	25.70	276	13711	0.93	ng	99
33) Benzo(b)fluoranthene	22.80	252	13450	0.99	ng	99
34) Benzo(k)fluoranthene	22.84	252	11698	0.97	ng	99
35) Benzo(a)pyrene	23.37	252	11053	0.97	ng	99
36) Dibenzo(a,h)anthracene	25.72	278	11044	0.98	ng	100
37) Benzo(g,h,i)perylene	26.39	276	11570	0.97	ng	100

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
Data File : BM001768.D
Acq On : 19 Jun 2015 18:51
Operator : TP/IZ
Sample : SSTDCCC001
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

Quant Time: Jun 20 02:11:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM061915.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 19 05:05:14 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: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

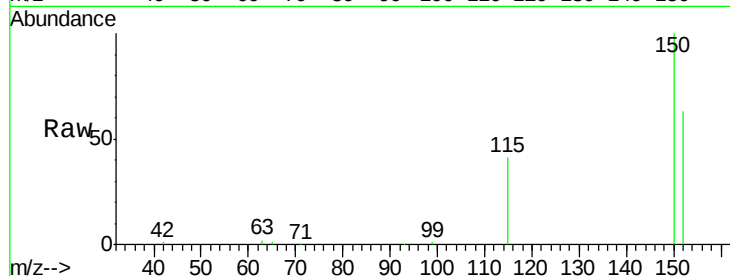
Tgt Ion:152 Resp: 18624

Ion Ratio Lower Upper

152 100

150 159.0 127.5 191.3

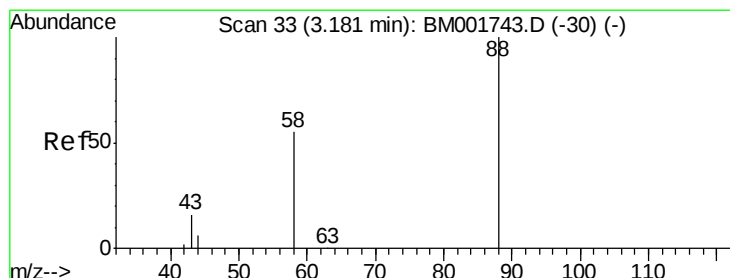
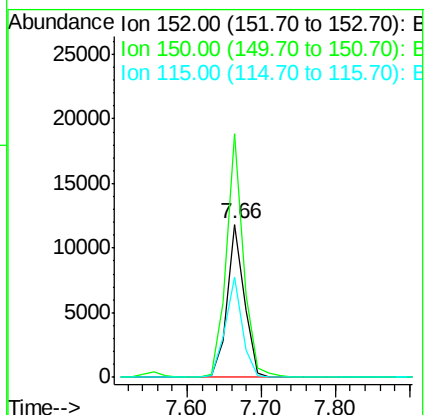
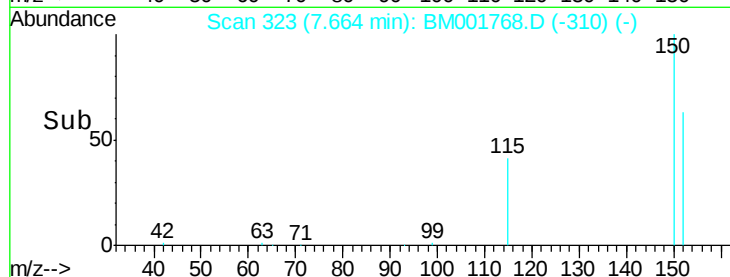
115 65.5 53.2 79.8



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: 1.00 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

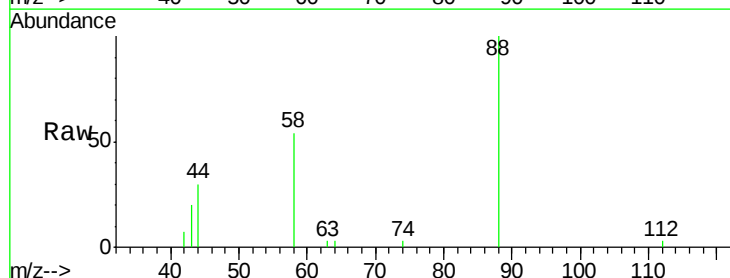
Tgt Ion: 88 Resp: 2117

Ion Ratio Lower Upper

88 100

58 87.9 68.3 102.5

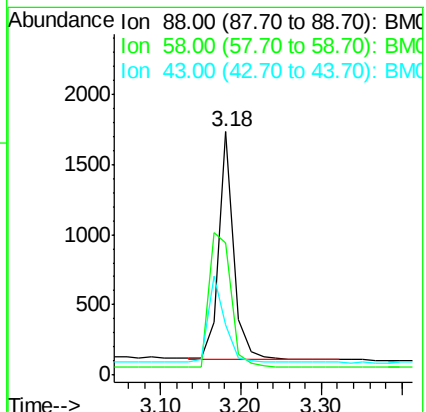
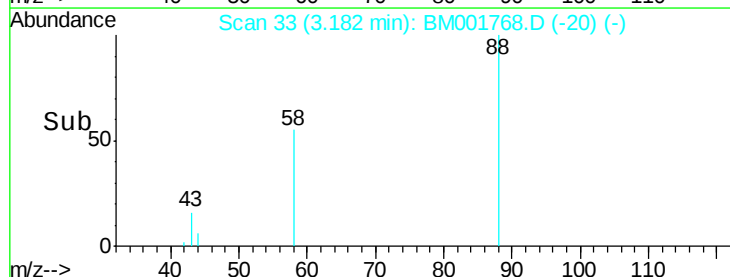
43 41.1 32.6 48.8

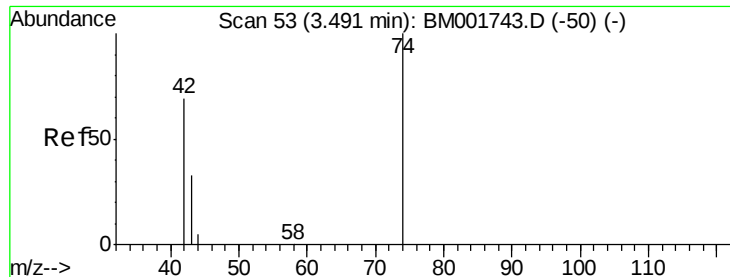


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 1.01 ng

RT: 3.48 min Scan# 52

Delta R.T. -0.02 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

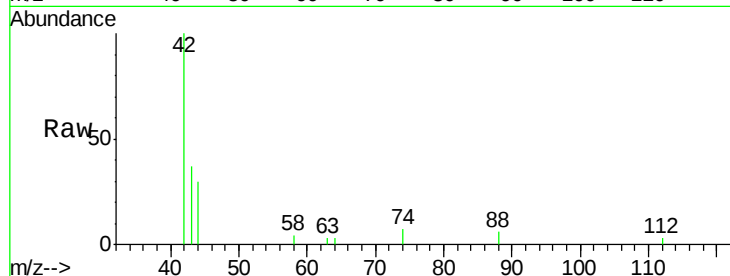
Tgt Ion: 42 Resp: 3327

Ion Ratio Lower Upper

42 100

74 94.8 78.6 118.0

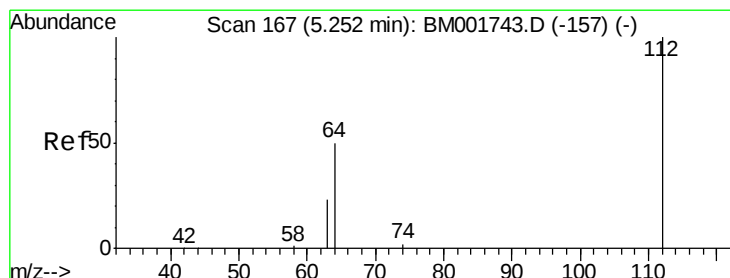
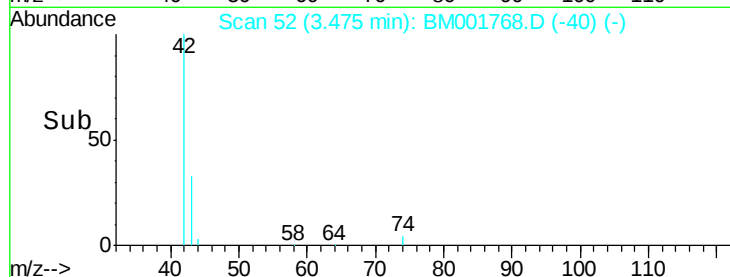
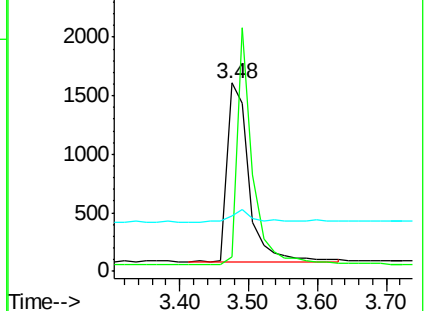
44 7.2 5.0 7.6



Abundance Ion 42.00 (41.70 to 42.70): BM001743.D (-50) (-)

Ion 74.00 (73.70 to 74.70): BM001743.D (-50) (-)

Ion 44.00 (43.70 to 44.70): BM001743.D (-50) (-)



#4

2-Fluorophenol

Concen: 1.00 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

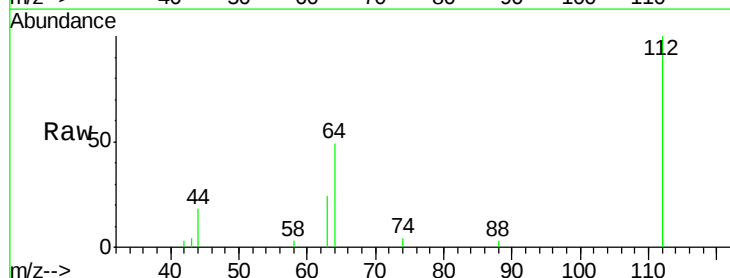
Tgt Ion: 112 Resp: 4359

Ion Ratio Lower Upper

112 100

64 68.5 55.6 83.4

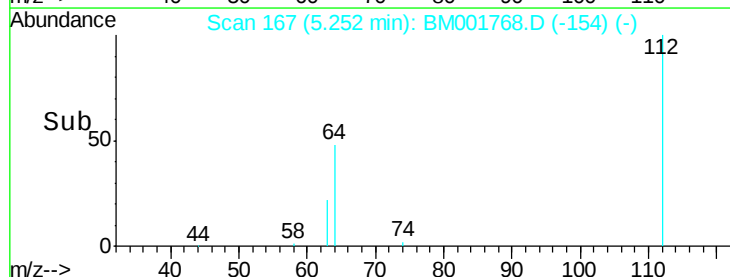
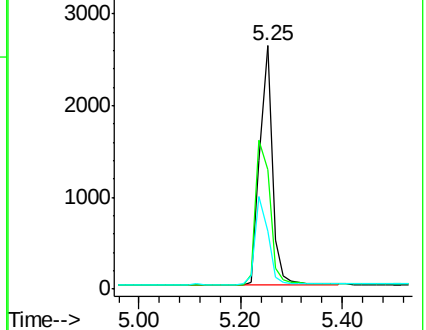
63 38.2 30.2 45.2

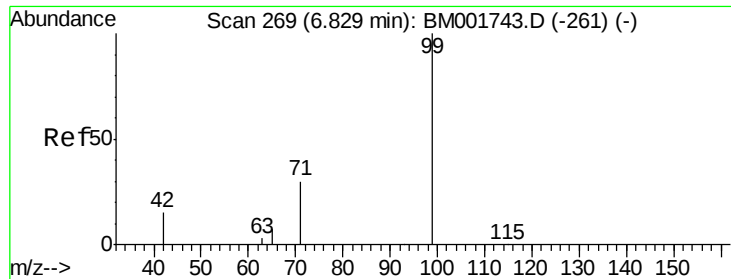


Abundance Ion 112.00 (111.70 to 112.70): BM001743.D (-157) (-)

Ion 64.00 (63.70 to 64.70): BM001743.D (-157) (-)

Ion 63.00 (62.70 to 63.70): BM001743.D (-157) (-)





#5

Phenol-d6

Concen: 0.99 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

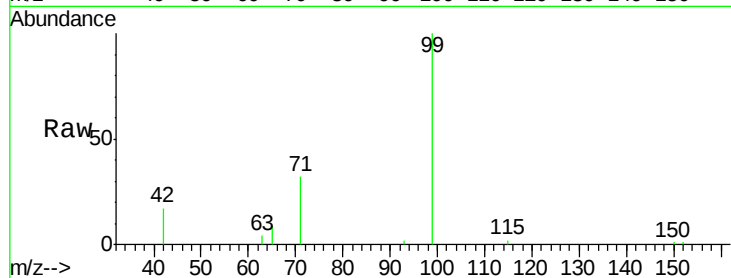
Tgt Ion: 99 Resp: 5537

Ion Ratio Lower Upper

99 100

42 27.2 21.4 32.0

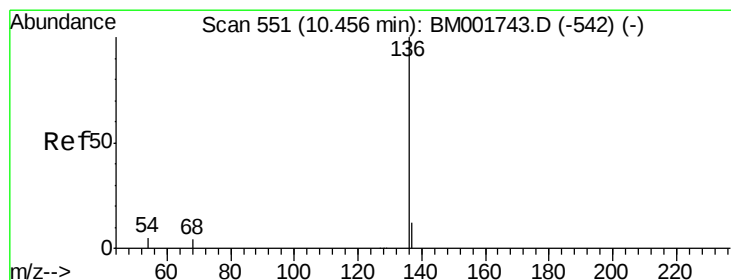
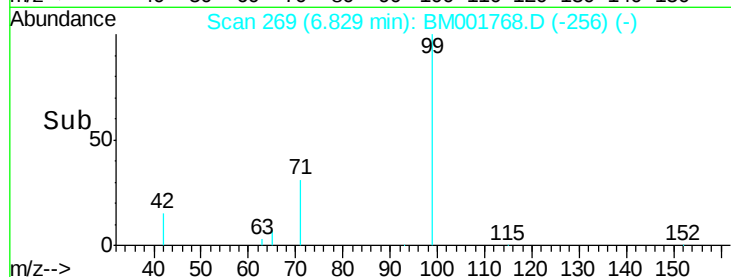
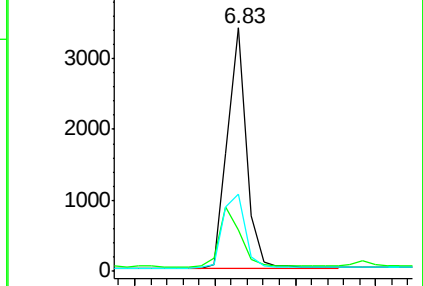
71 36.3 28.3 42.5



Abundance Ion 99.00 (98.70 to 99.70): BM001743.D (-261) (-)

Ion 42.00 (41.70 to 42.70): BM001743.D (-261) (-)

Ion 71.00 (70.70 to 71.70): BM001743.D (-261) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Tgt Ion: 136 Resp: 68225

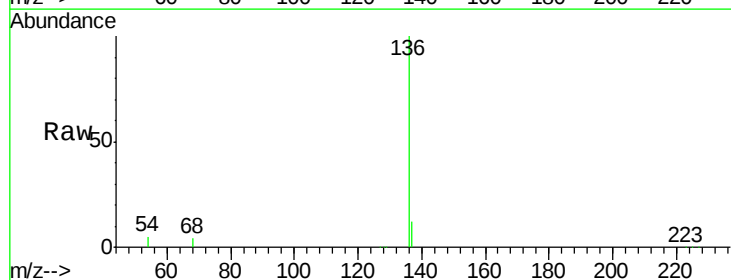
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.0

54 5.3 4.4 6.6

68 3.7 3.1 4.7

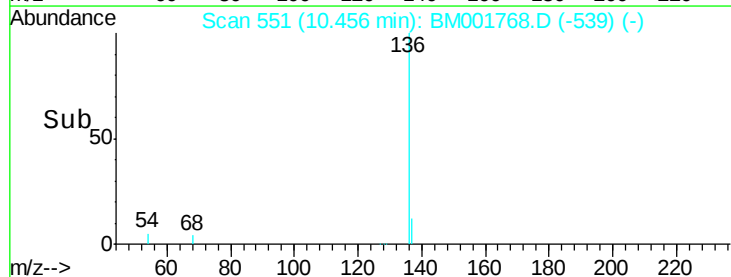
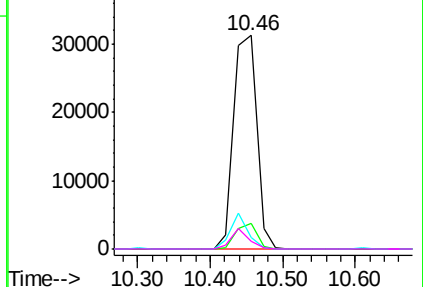


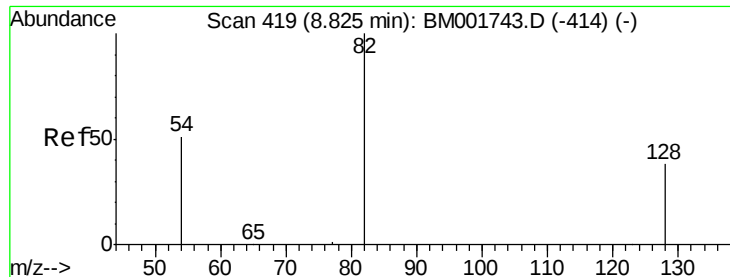
Abundance Ion 136.00 (135.70 to 136.70): BM001743.D (-542) (-)

Ion 137.00 (136.70 to 137.70): BM001743.D (-542) (-)

Ion 54.00 (53.70 to 54.70): BM001743.D (-542) (-)

Ion 68.00 (67.70 to 68.70): BM001743.D (-542) (-)





#7

Nitrobenzene-d5

Concen: 0.99 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

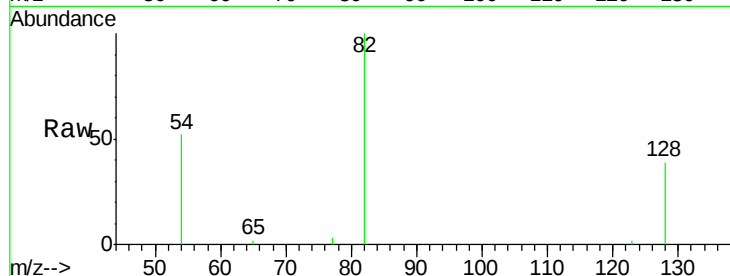
Tgt Ion: 82 Resp: 5259

Ion Ratio Lower Upper

82 100

128 38.8 31.3 46.9

54 51.5 41.9 62.9



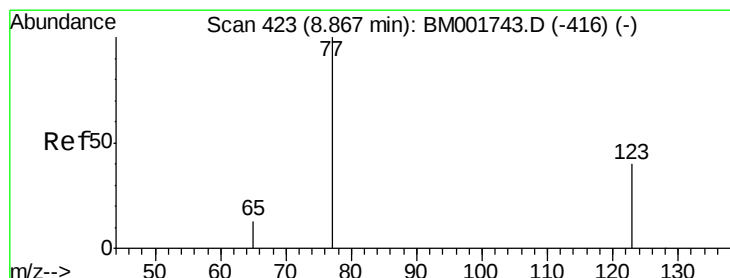
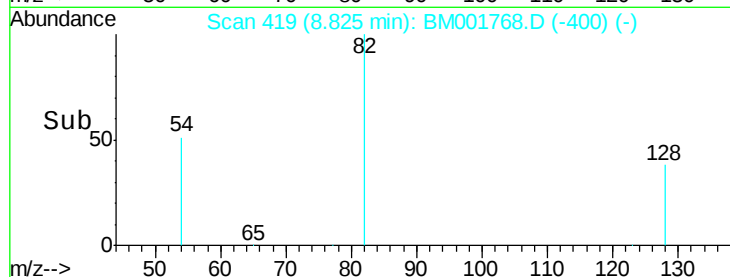
Abundance Ion 82.00 (81.70 to 82.70): BM001743.D (-414) (-)

Ion 128.00 (127.70 to 128.70): BM001743.D (-414) (-)

Ion 54.00 (53.70 to 54.70): BM001743.D (-414) (-)

8.83

Time-->



#8

Nitrobenzene

Concen: 0.99 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

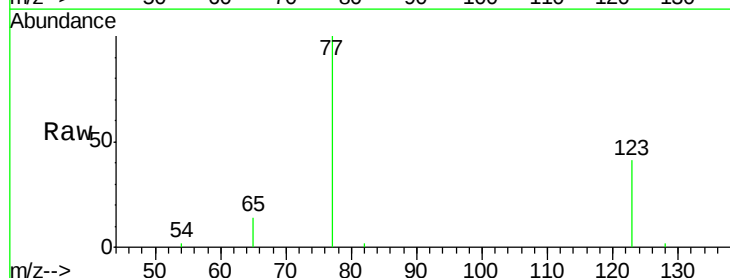
Tgt Ion: 77 Resp: 5685

Ion Ratio Lower Upper

77 100

123 37.7 30.1 45.1

65 14.2 11.3 16.9



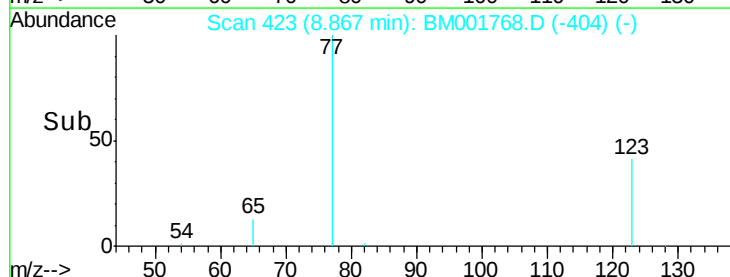
Abundance Ion 77.00 (76.70 to 77.70): BM001743.D (-416) (-)

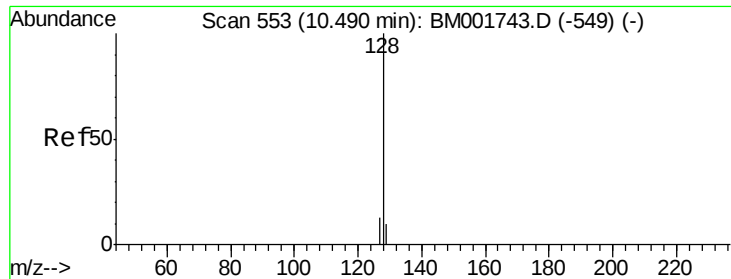
Ion 123.00 (122.70 to 123.70): BM001743.D (-416) (-)

Ion 65.00 (64.70 to 65.70): BM001743.D (-416) (-)

8.87

Time-->





#9

Naphthalene

Concen: 0.99 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

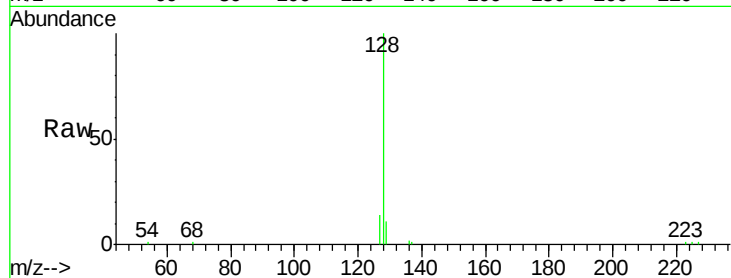
Tgt Ion:128 Resp: 16539

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

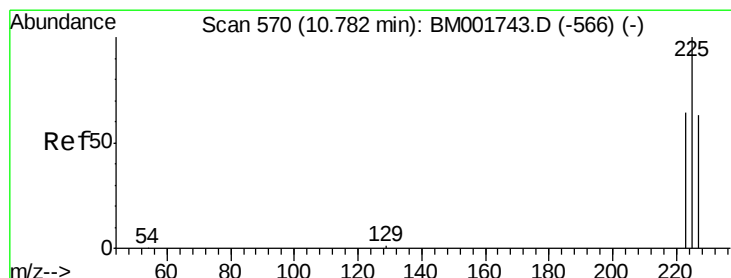
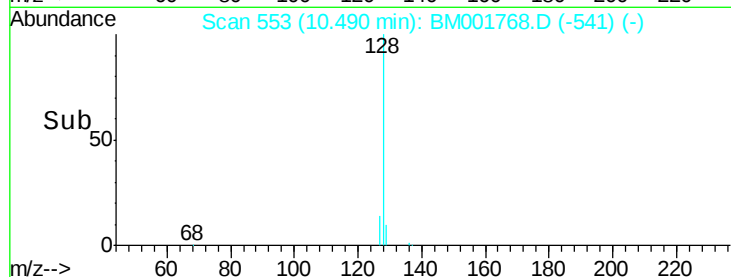
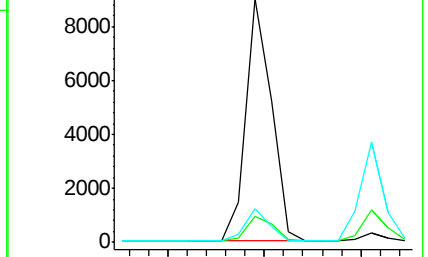
127 14.0 11.2 16.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.98 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

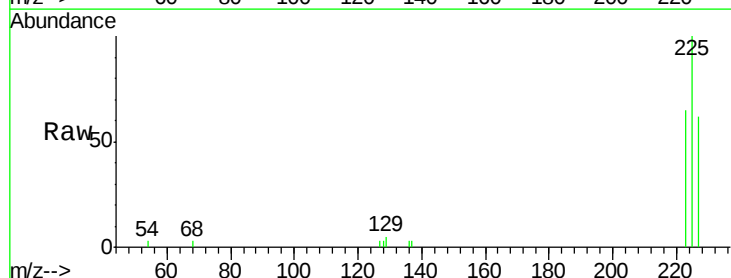
Tgt Ion:225 Resp: 2761

Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.4

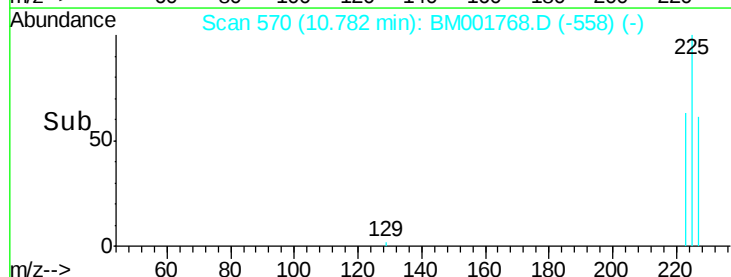
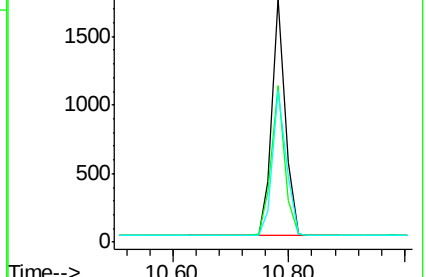
227 63.4 51.8 77.8



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





#11

2-Methylnaphthalene

Concen: 1.01 ng

RT: 12.12 min Scan# 678

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

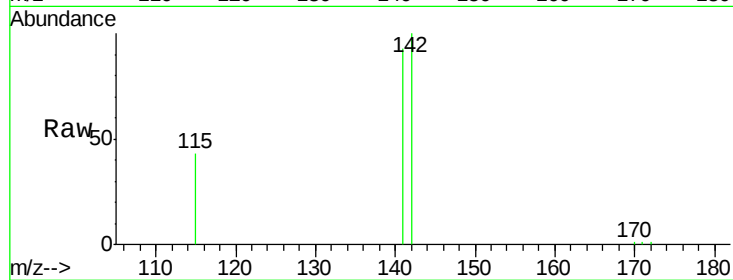
Tgt Ion:142 Resp: 10686

Ion Ratio Lower Upper

142 100

141 92.7 73.6 110.4

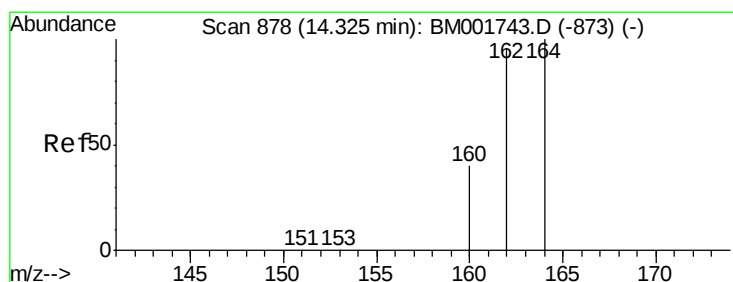
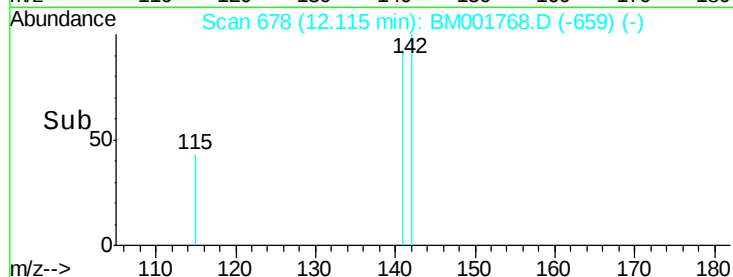
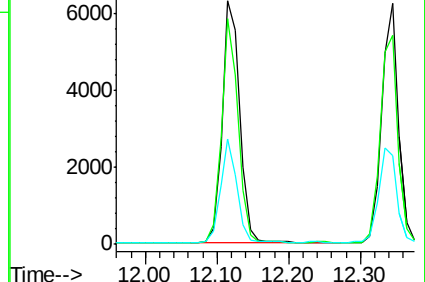
115 43.4 34.1 51.1



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: BM001768.D

Acq: 19 Jun 2015 18:51

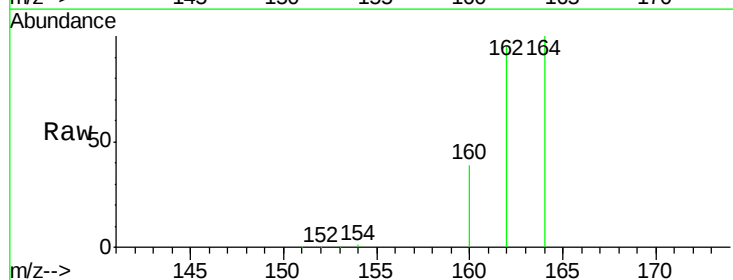
Tgt Ion:164 Resp: 33450

Ion Ratio Lower Upper

164 100

162 95.5 76.6 114.8

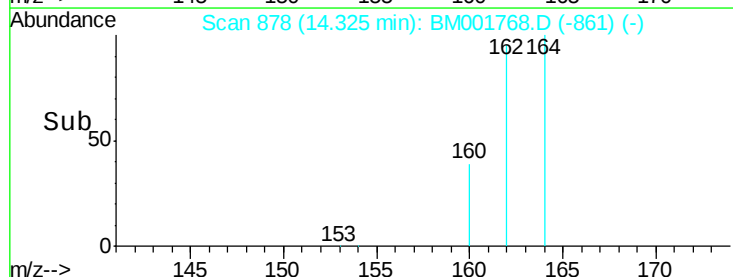
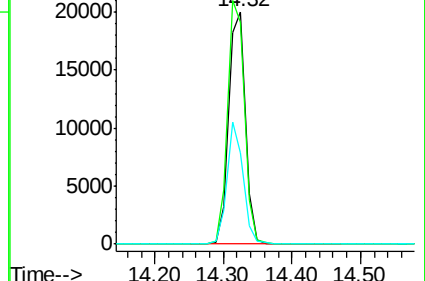
160 39.3 31.8 47.8

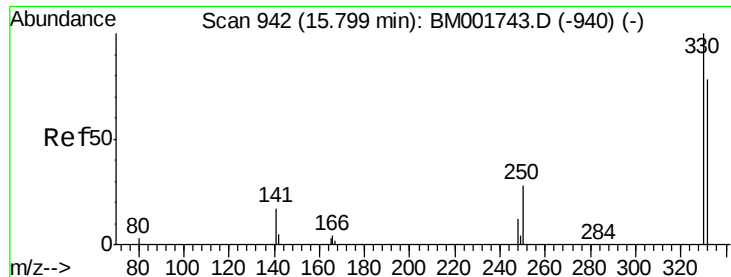


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

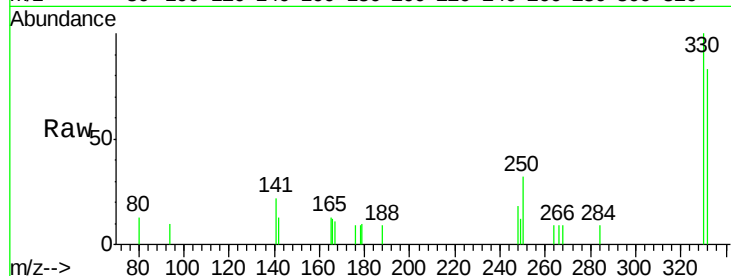




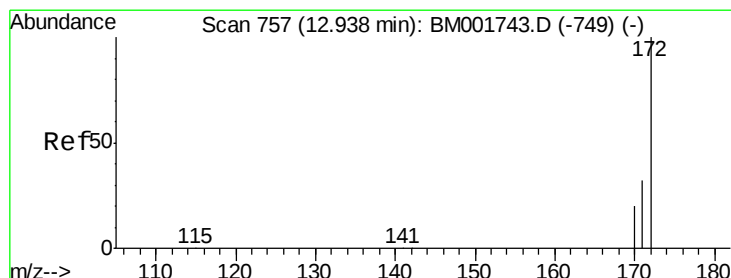
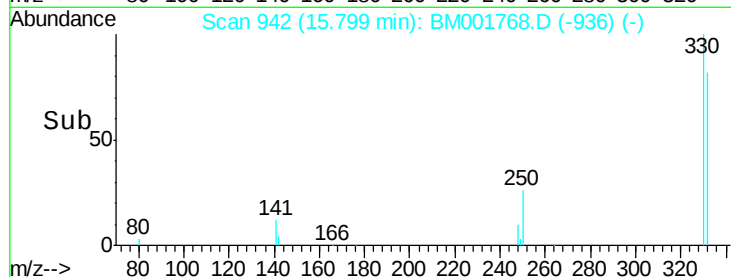
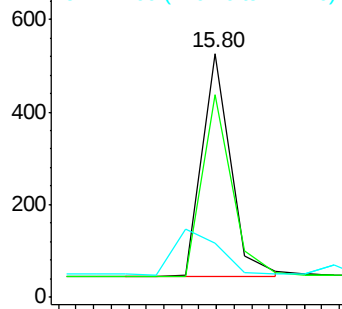
#13
 2,4,6-Tribromophenol
 Concen: 1.04 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001768.D
 Acq: 19 Jun 2015 18:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 330 Resp: 1088
 Ion Ratio Lower Upper
 330 100
 332 85.2 65.8 98.8
 141 0.0 0.0 0.0

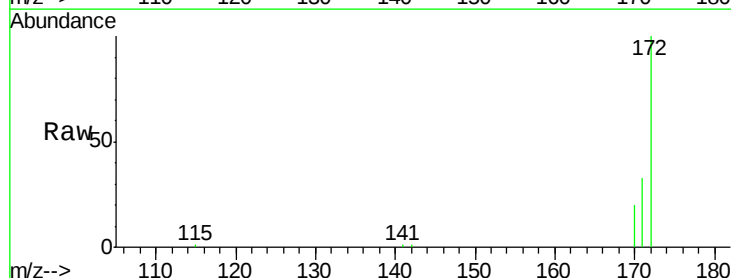


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

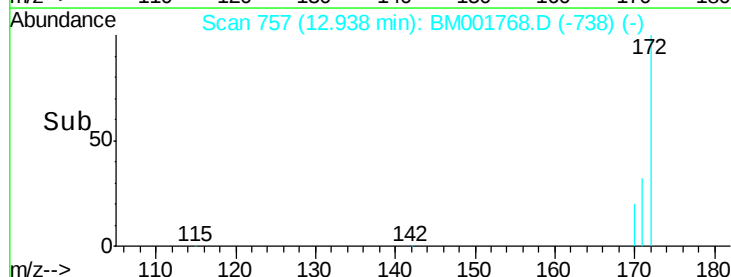
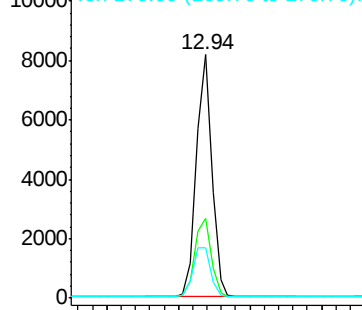


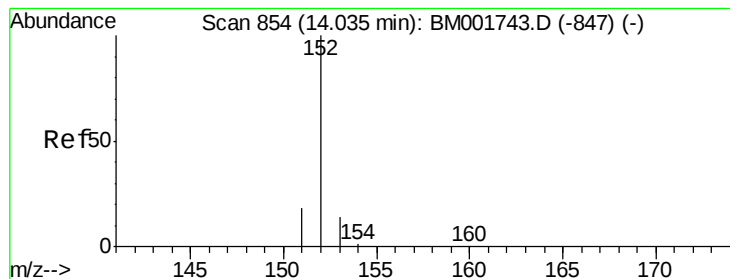
#14
 2-Fluorobiphenyl
 Concen: 1.01 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001768.D
 Acq: 19 Jun 2015 18:51

Tgt Ion: 172 Resp: 12044
 Ion Ratio Lower Upper
 172 100
 171 32.7 26.2 39.2
 170 20.4 16.6 24.8



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: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

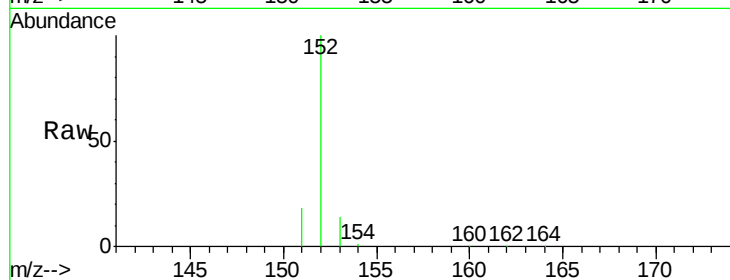
Tgt Ion:152 Resp: 15702

Ion Ratio Lower Upper

152 100

151 19.1 15.4 23.2

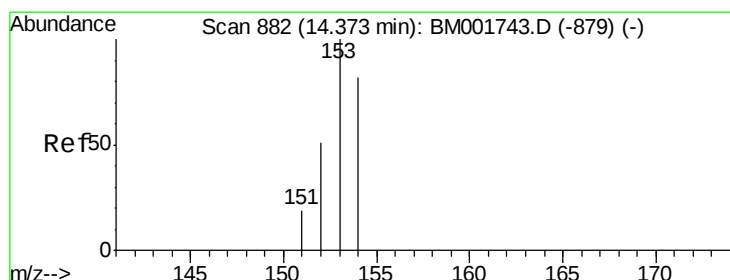
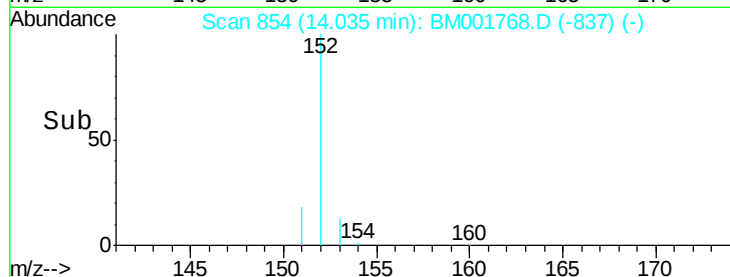
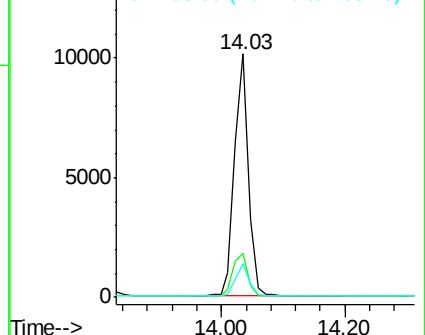
153 13.0 10.4 15.6



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: 0.98 ng

RT: 14.37 min Scan# 882

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

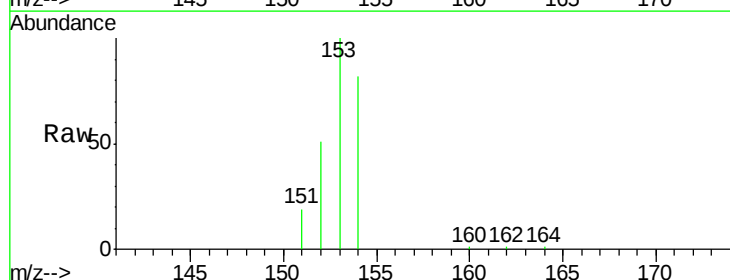
Tgt Ion:154 Resp: 9779

Ion Ratio Lower Upper

154 100

153 112.5 90.0 135.0

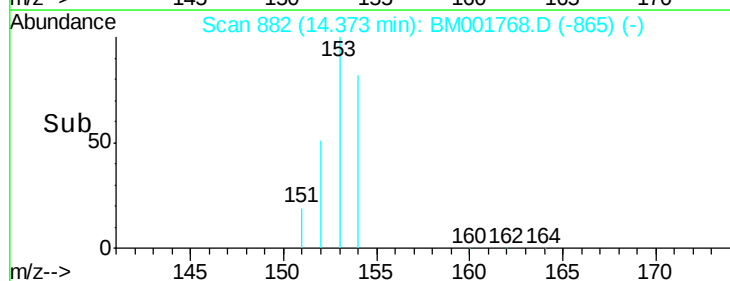
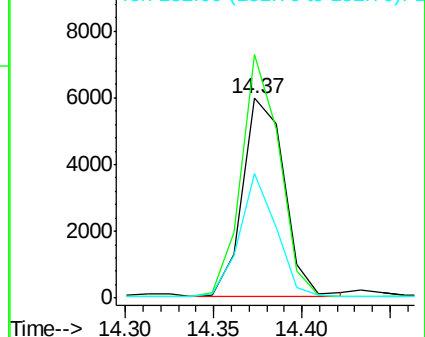
152 55.1 44.2 66.4

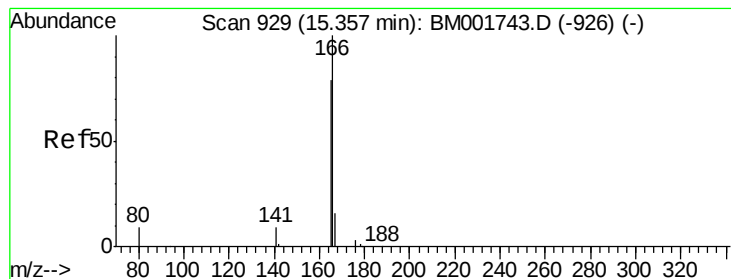


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 1.05 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

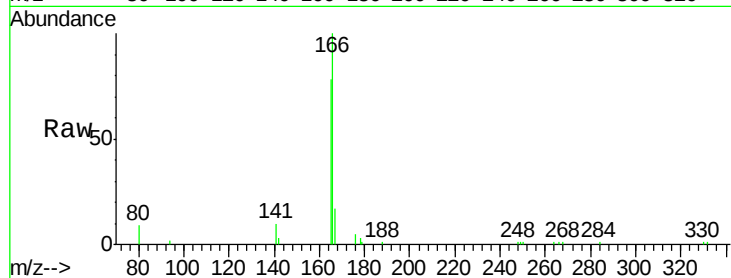
Tgt Ion:166 Resp: 8972

Ion Ratio Lower Upper

166 100

165 83.7 68.2 102.2

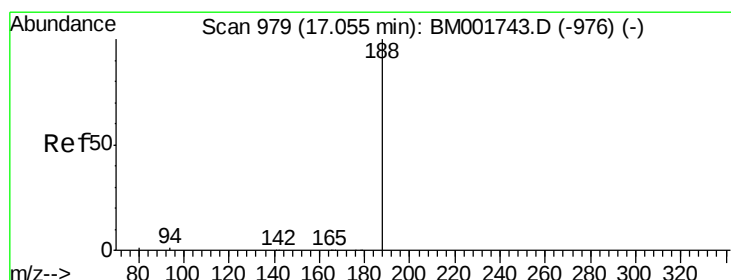
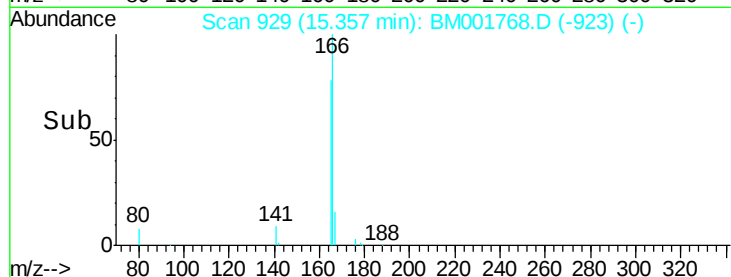
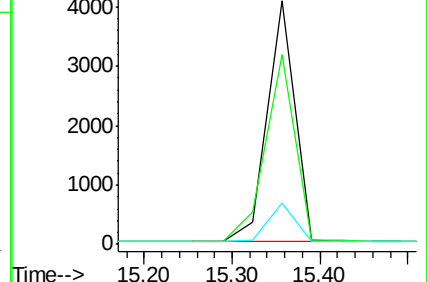
167 15.4 12.2 18.2



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.06 min Scan# 979

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

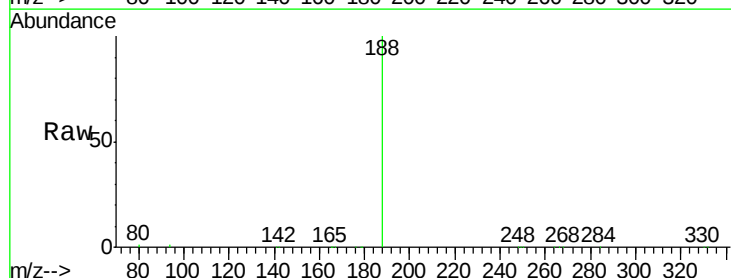
Tgt Ion:188 Resp: 84451

Ion Ratio Lower Upper

188 100

94 1.2 1.3 1.9#

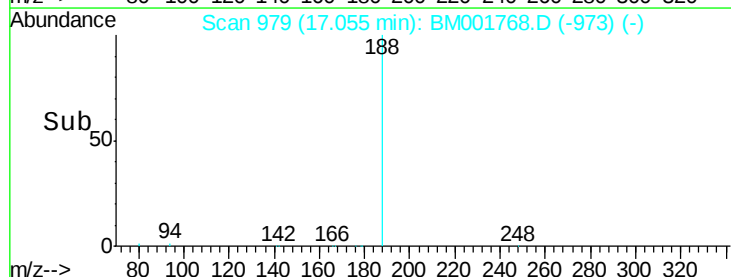
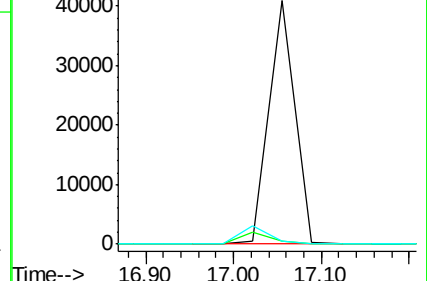
80 1.0 1.0 1.6

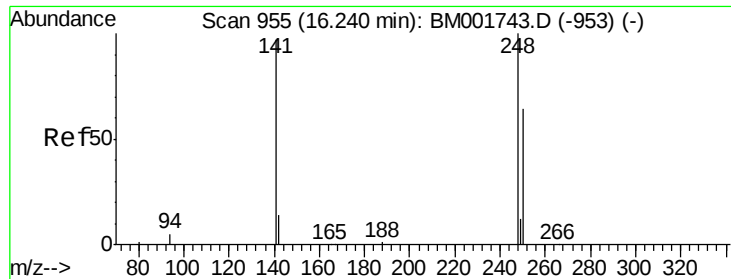


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

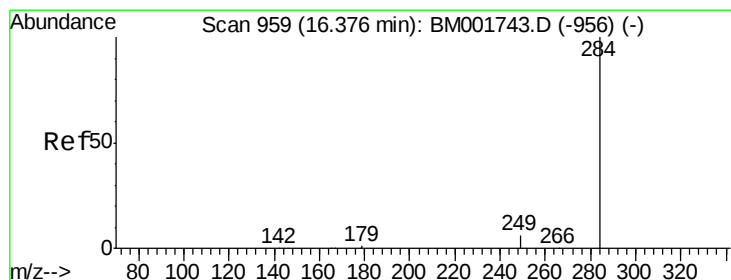
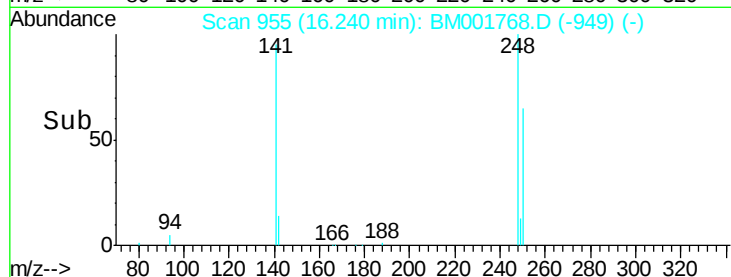
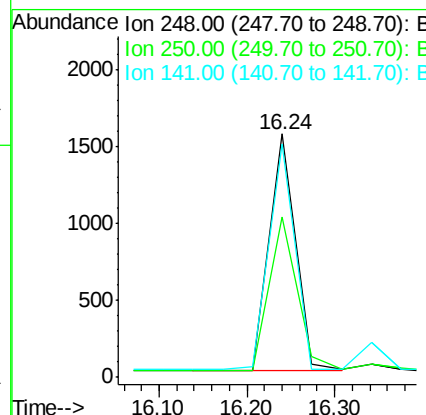
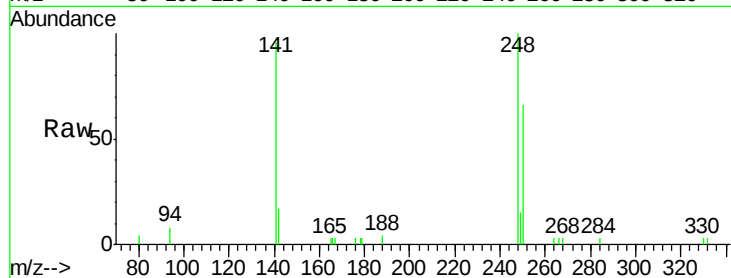




#19
4-Bromophenyl-phenylether
Concen: 0.93 ng
RT: 16.24 min Scan# 955
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

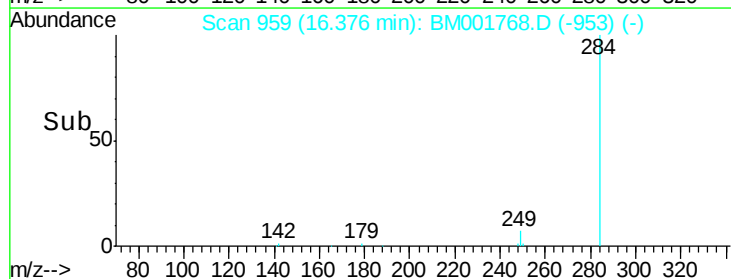
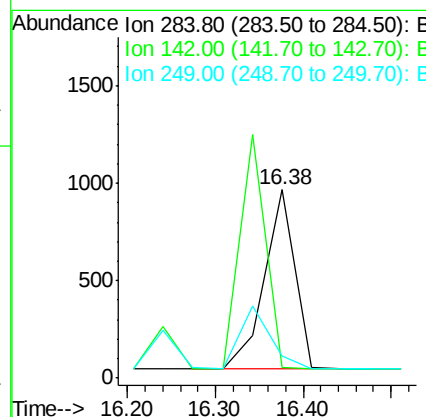
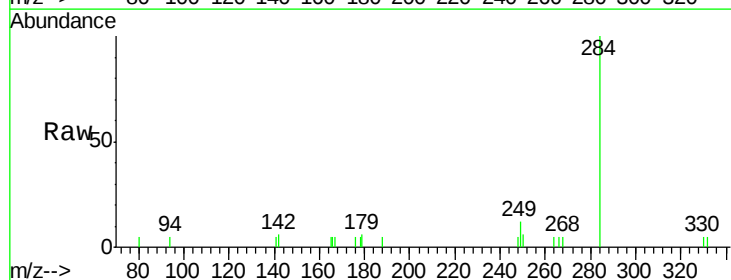
Instrument :
BNA_F
ClientSampleId :
SSTDCCC001EC

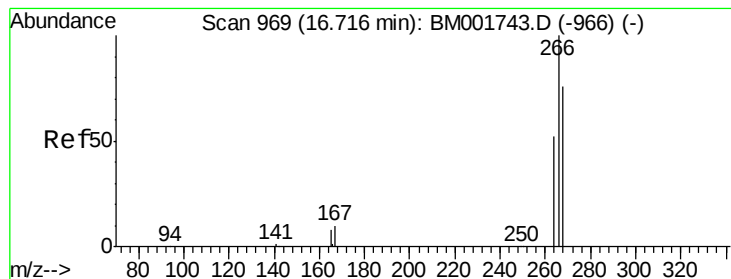
Tgt Ion: 248 Resp: 3229
Ion Ratio Lower Upper
248 100
250 68.4 54.8 82.2
141 94.4 76.2 114.4



#20
Hexachlorobenzene
Concen: 0.94 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001768.D
Acq: 19 Jun 2015 18:51

Tgt Ion: 284 Resp: 2236
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 0.0 0.0 0.0





#21

Pentachlorophenol

Concen: 0.96 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

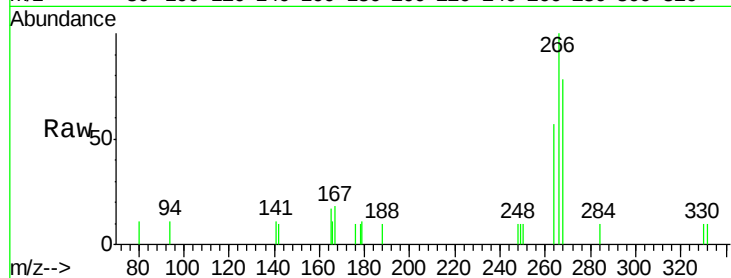
Tgt Ion:266 Resp: 1013

Ion Ratio Lower Upper

266 100

268 77.7 63.2 94.8

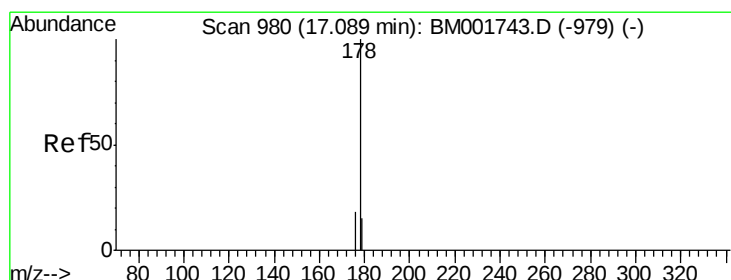
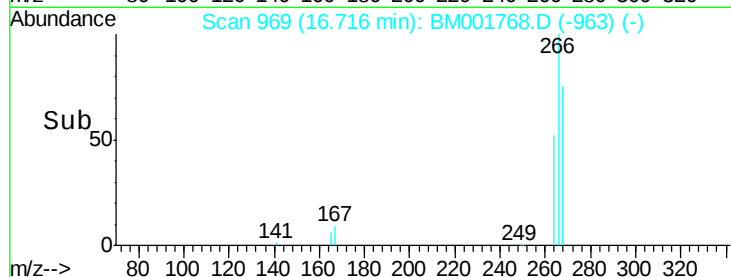
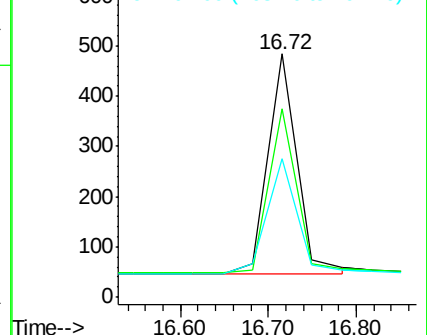
264 56.8 46.2 69.2



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: 0.87 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

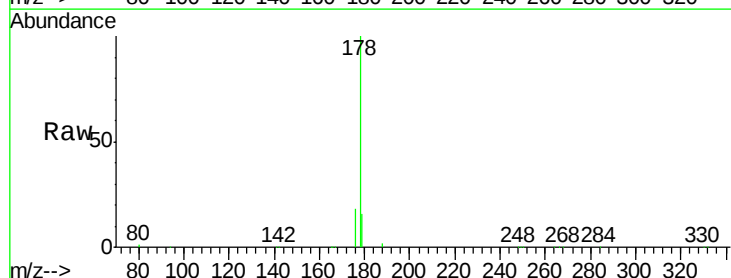
Tgt Ion:178 Resp: 25238

Ion Ratio Lower Upper

178 100

176 18.1 15.4 23.2

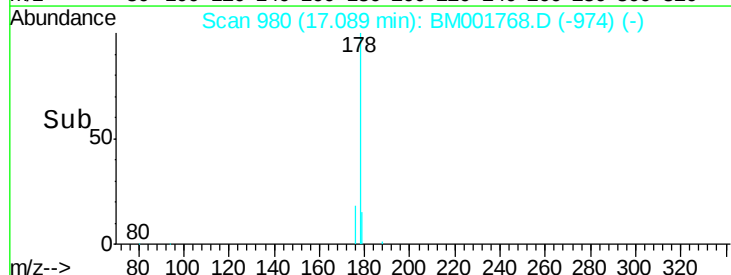
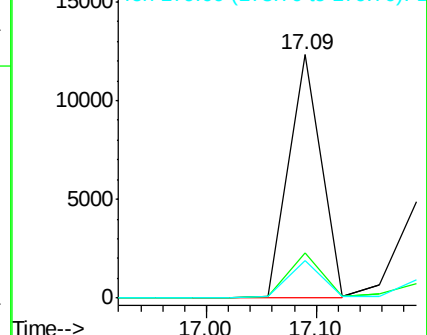
179 15.5 12.6 19.0

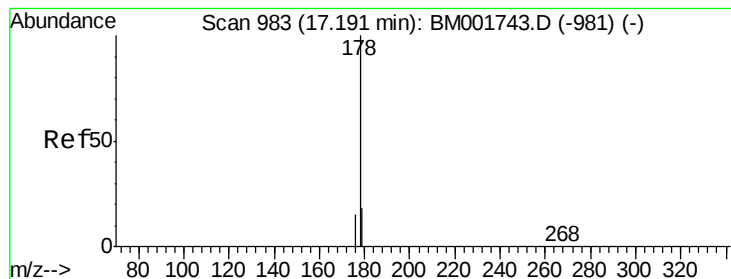


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.81 ng

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

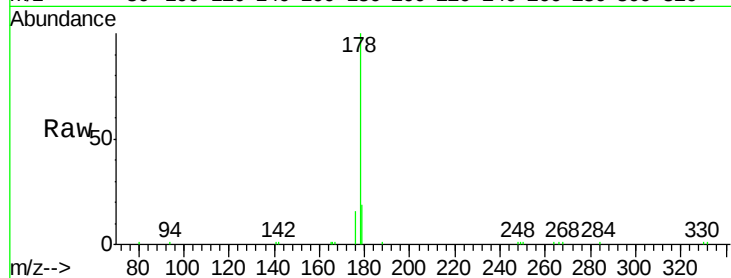
Tgt Ion:178 Resp: 9866

Ion Ratio Lower Upper

178 100

176 14.9 10.0 15.0

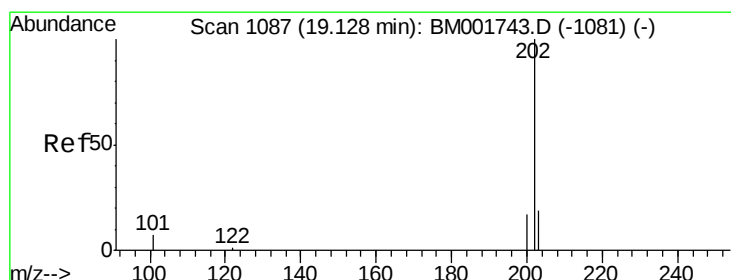
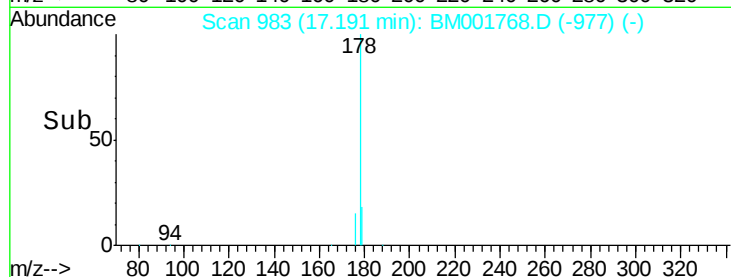
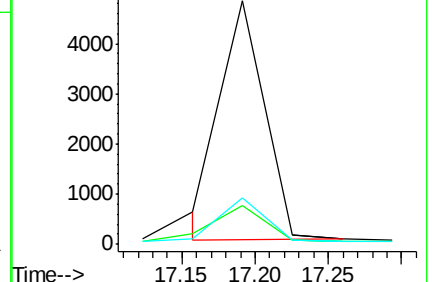
179 17.9 12.3 18.5



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: 0.87 ng

RT: 19.12 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

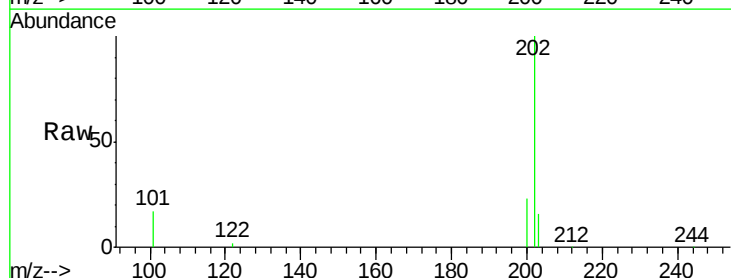
Tgt Ion:202 Resp: 15816

Ion Ratio Lower Upper

202 100

101 13.6 10.8 16.2

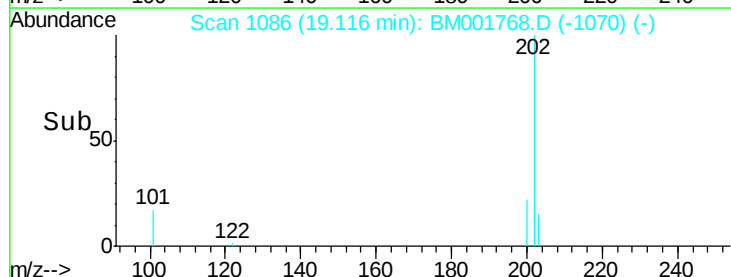
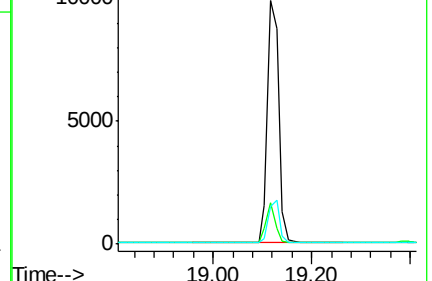
203 17.3 13.8 20.6

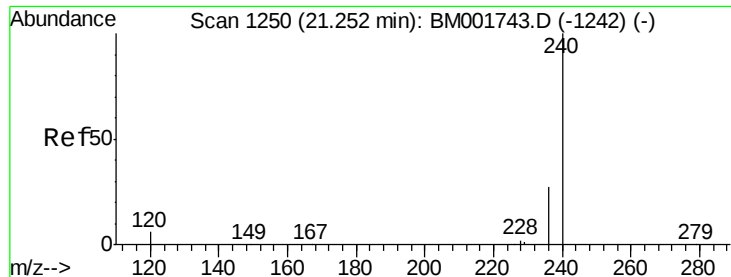


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

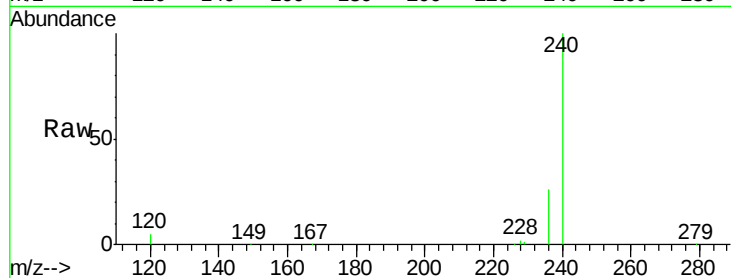
Tgt Ion:240 Resp: 48493

Ion Ratio Lower Upper

240 100

120 5.3 4.7 7.1

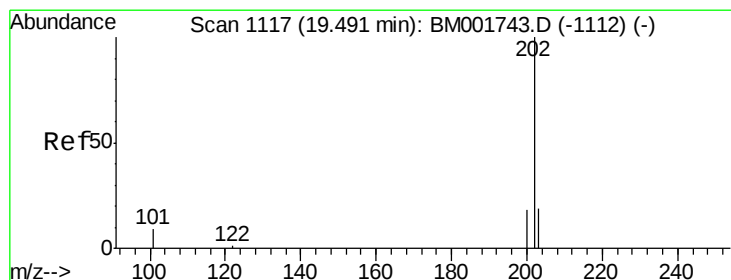
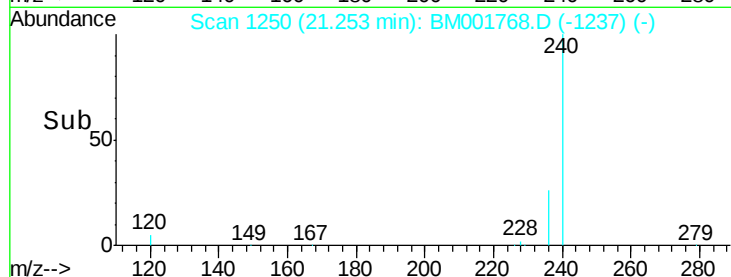
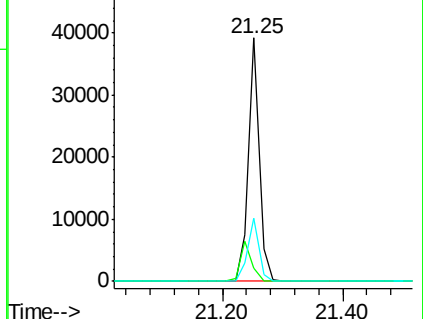
236 26.2 21.6 32.4



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: 0.98 ng

RT: 19.49 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

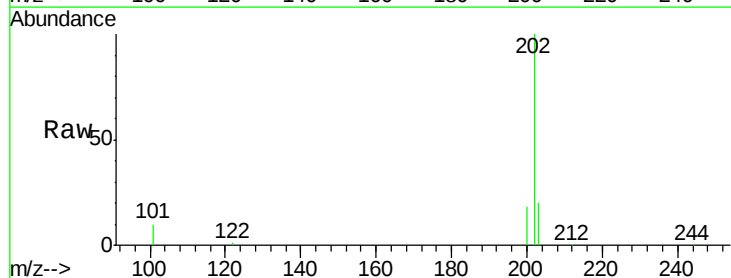
Tgt Ion:202 Resp: 16543

Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

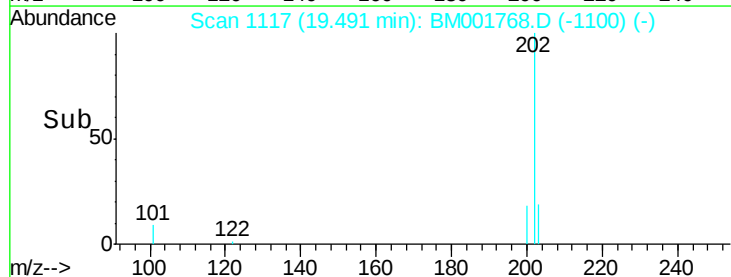
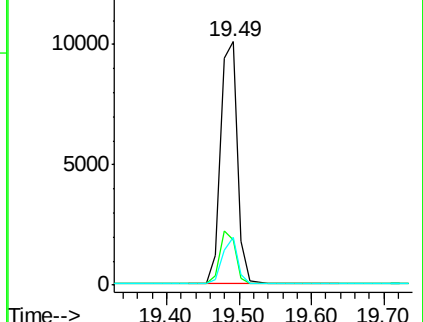
203 17.4 13.9 20.9

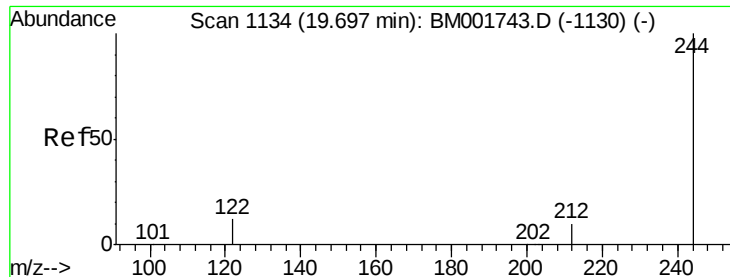


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

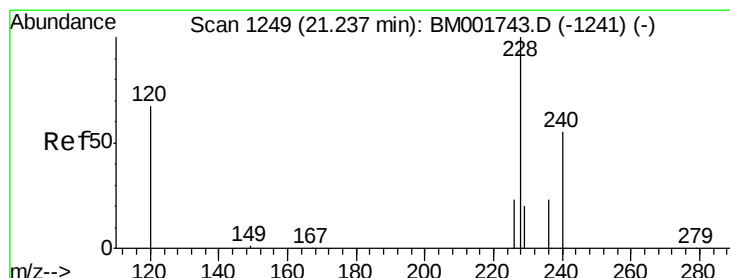
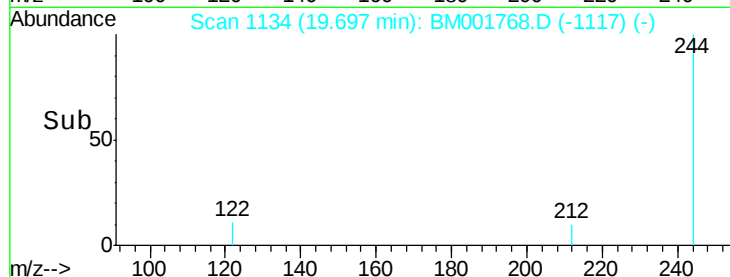
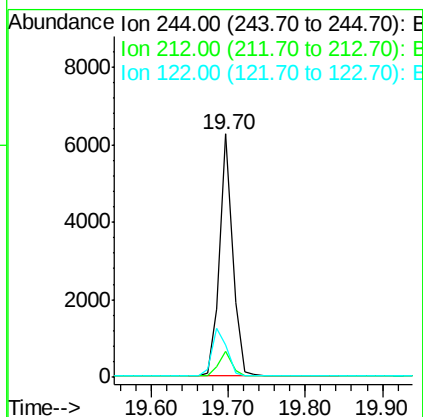
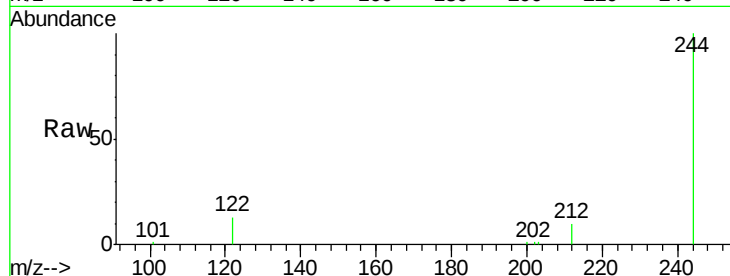




#27
 Terphenyl-d14
 Concen: 1.02 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001768.D
 Acq: 19 Jun 2015 18:51

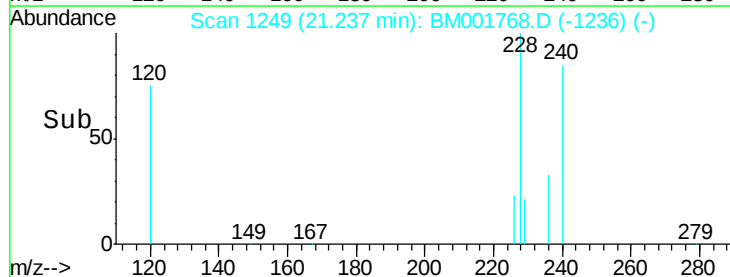
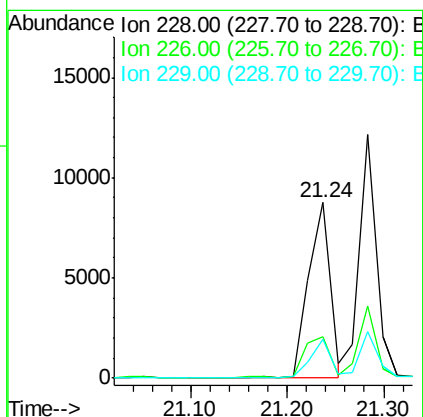
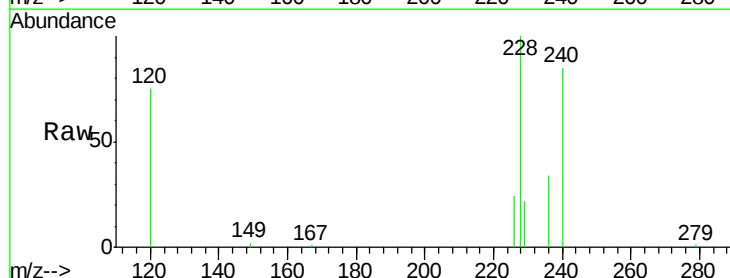
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC001EC

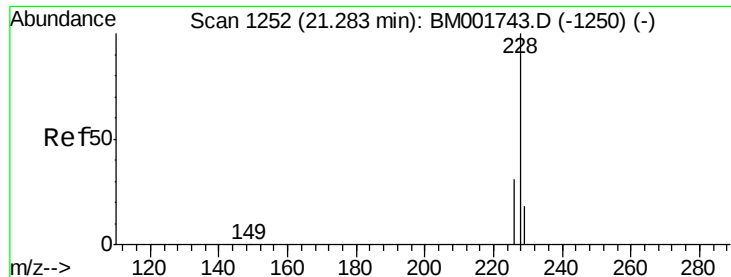
Tgt Ion: 244 Resp: 7286
 Ion Ratio Lower Upper
 244 100
 212 10.4 8.6 13.0
 122 13.1 10.6 15.8



#28
 Benzo(a)anthracene
 Concen: 0.91 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM001768.D
 Acq: 19 Jun 2015 18:51

Tgt Ion: 228 Resp: 13294
 Ion Ratio Lower Upper
 228 100
 226 23.8 18.9 28.3
 229 21.9 16.6 25.0





#29

Chrysene

Concen: 0.96 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

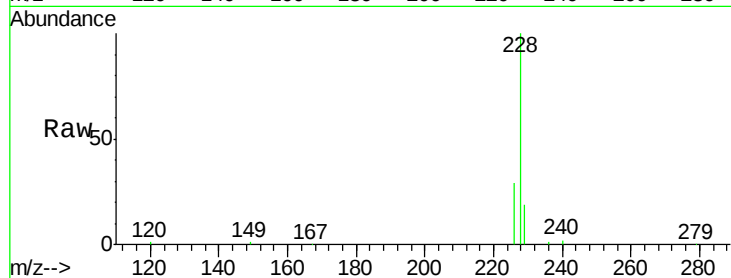
Tgt Ion:228 Resp: 14814

Ion Ratio Lower Upper

228 100

226 29.5 24.3 36.5

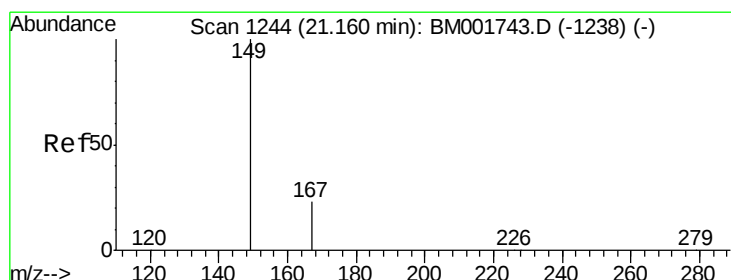
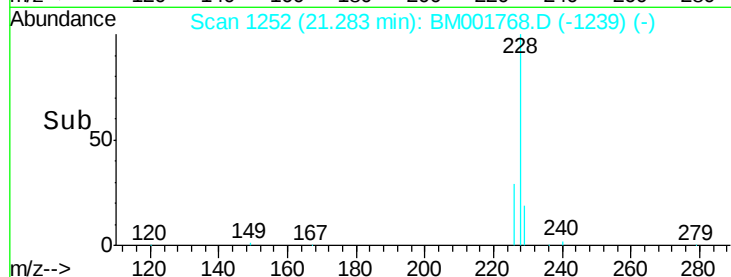
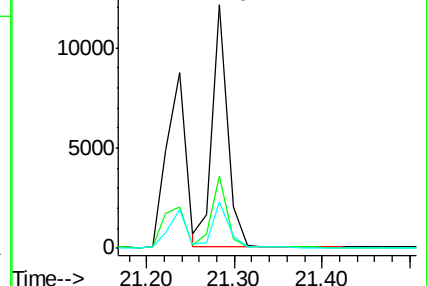
229 19.2 15.0 22.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.87 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

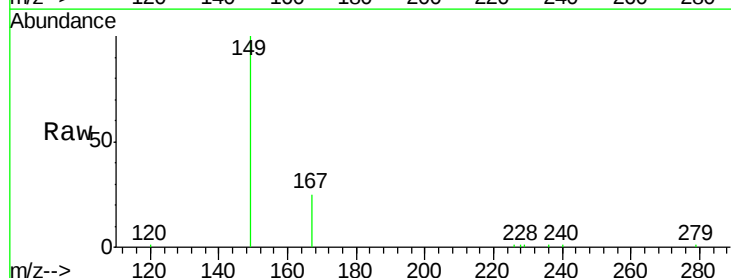
Tgt Ion:149 Resp: 7321

Ion Ratio Lower Upper

149 100

167 25.4 19.7 29.5

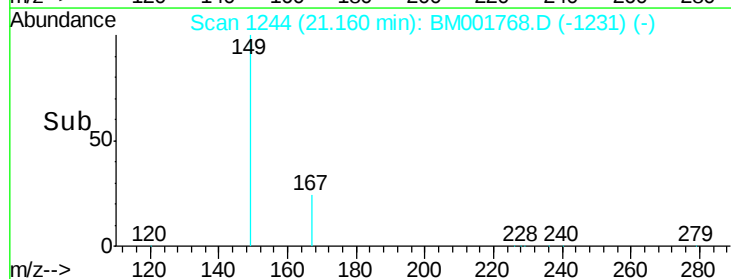
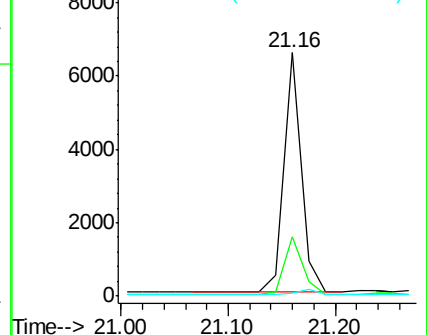
279 2.0 1.6 2.4

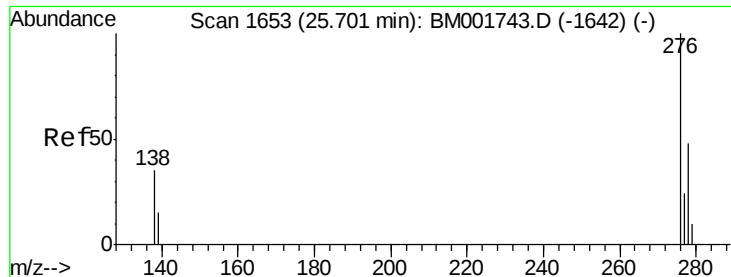


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.93 ng

RT: 25.70 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

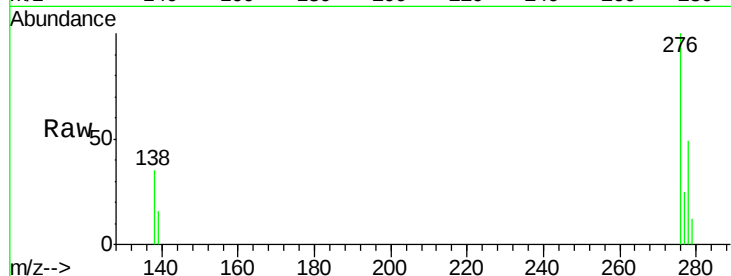
Tgt Ion:276 Resp: 13711

Ion Ratio Lower Upper

276 100

138 35.8 29.0 43.6

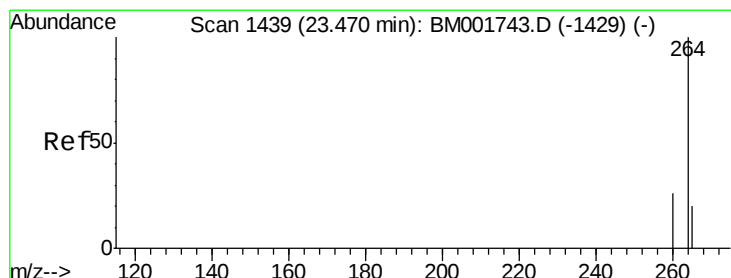
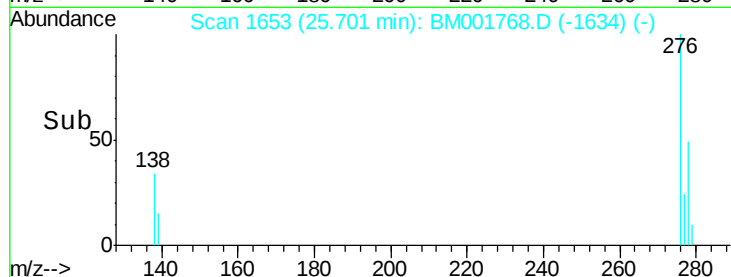
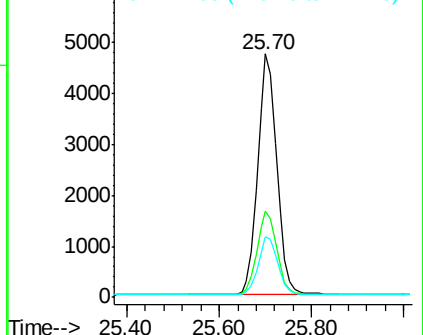
277 24.7 19.7 29.5



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: 23.47 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

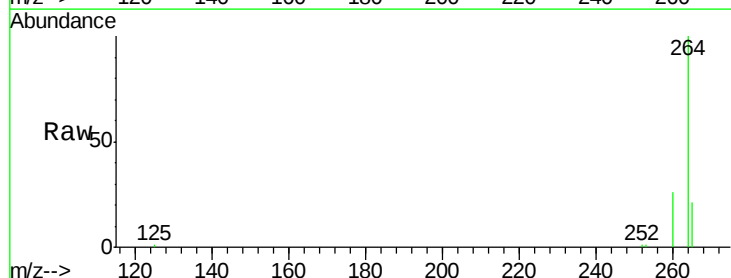
Tgt Ion:264 Resp: 41262

Ion Ratio Lower Upper

264 100

260 25.7 20.8 31.2

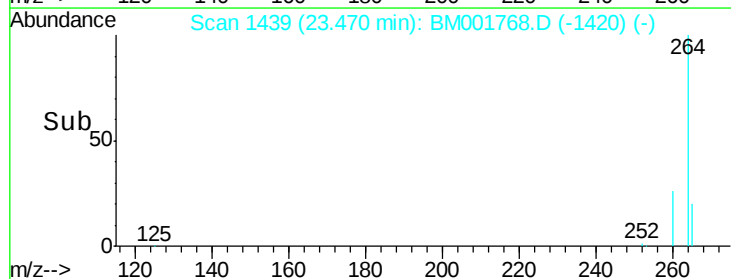
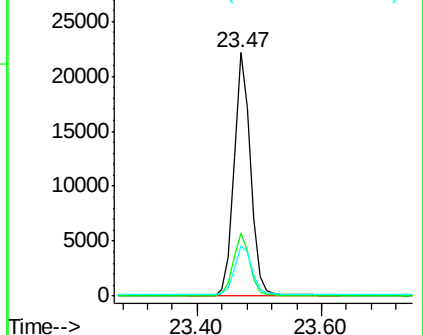
265 20.9 16.8 25.2

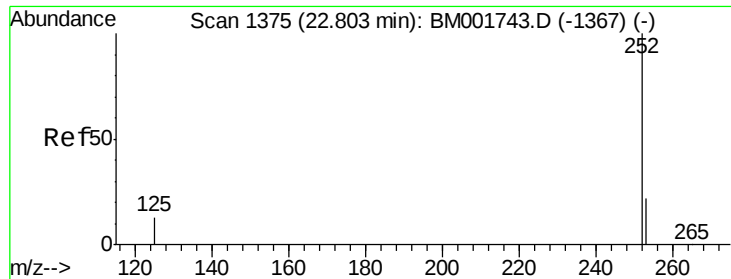


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.99 ng

RT: 22.80 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

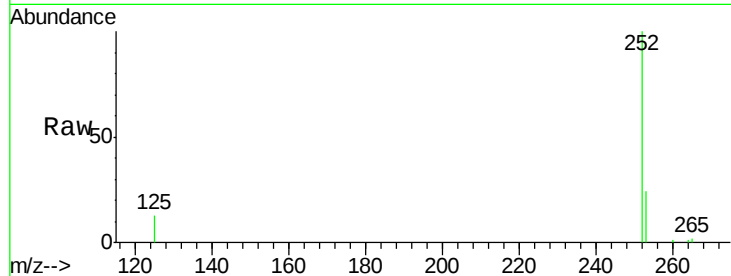
Tgt Ion:252 Resp: 13450

Ion Ratio Lower Upper

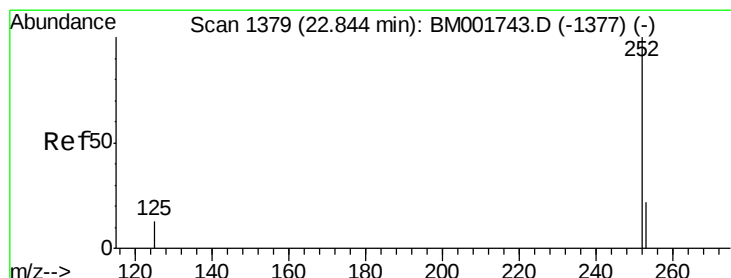
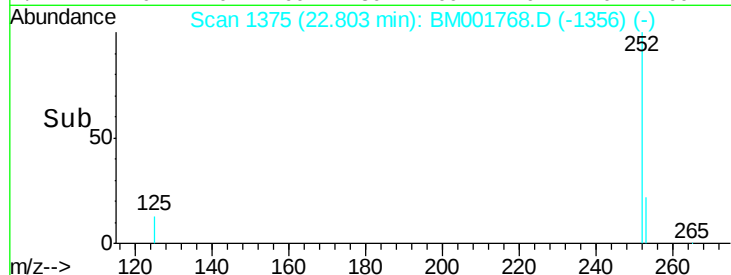
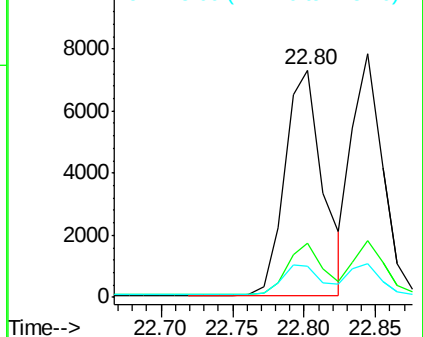
252 100

253 23.7 19.0 28.4

125 13.5 11.3 16.9



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



#34

Benzo(k)fluoranthene

Concen: 0.97 ng

RT: 22.84 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

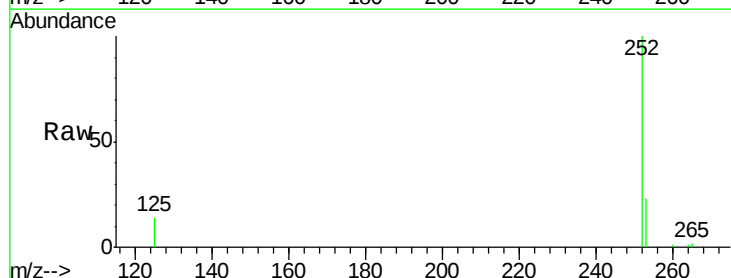
Tgt Ion:252 Resp: 11698

Ion Ratio Lower Upper

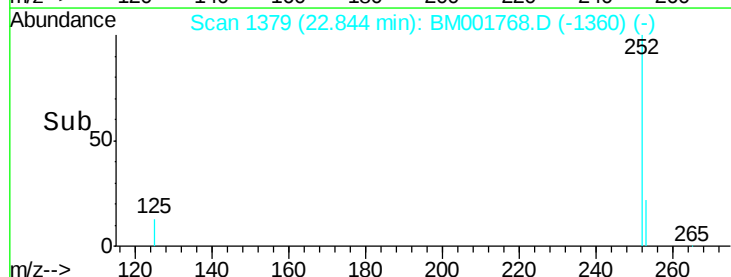
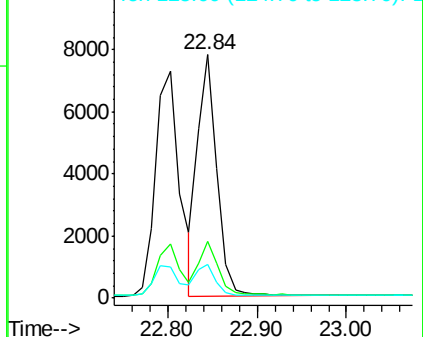
252 100

253 23.1 18.2 27.4

125 14.0 11.8 17.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 0.97 ng

RT: 23.37 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC

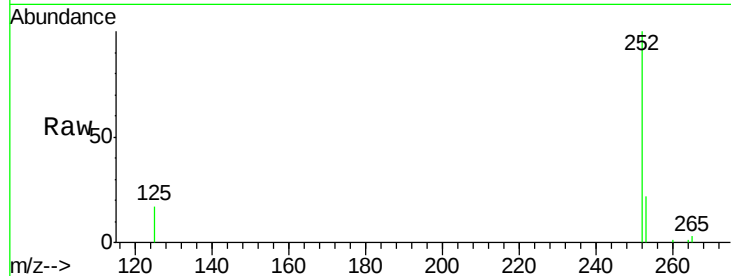
Tgt Ion: 252 Resp: 11053

Ion Ratio Lower Upper

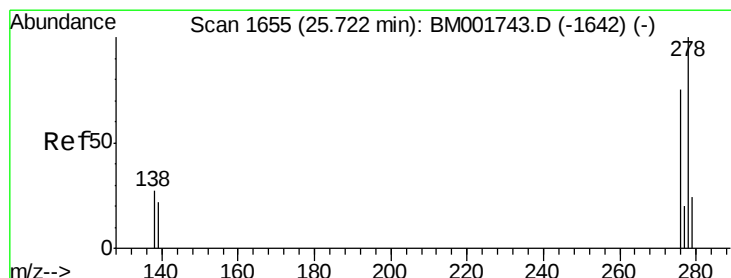
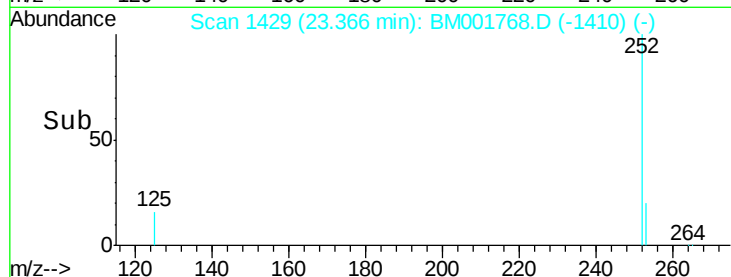
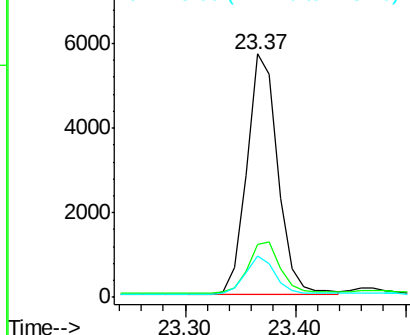
252 100

253 22.0 17.9 26.9

125 17.2 14.1 21.1



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: 0.98 ng

RT: 25.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BM001768.D

Acq: 19 Jun 2015 18:51

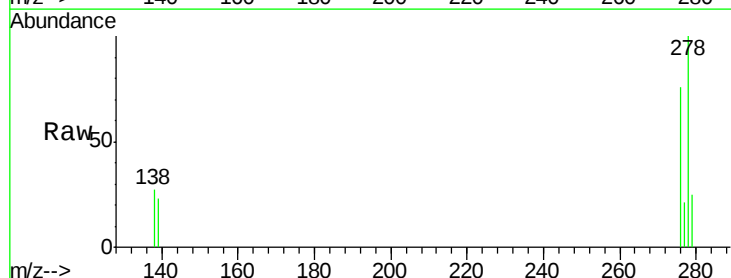
Tgt Ion: 278 Resp: 11044

Ion Ratio Lower Upper

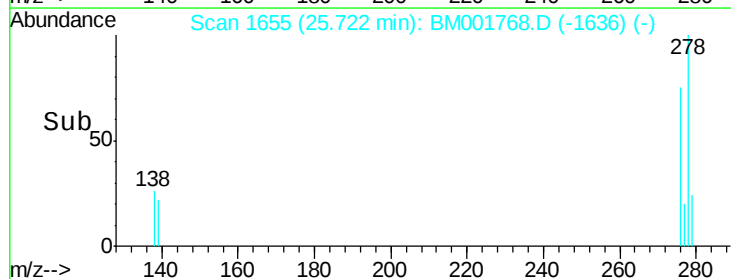
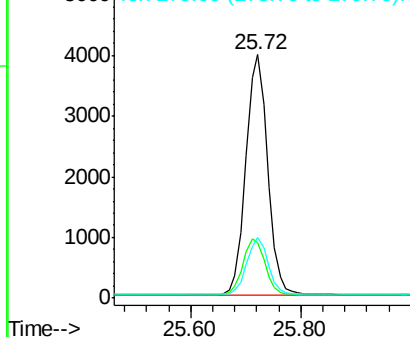
278 100

139 22.6 18.4 27.6

279 24.9 19.8 29.8



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: 0.97 ng

RT: 26.39 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BM001768.D

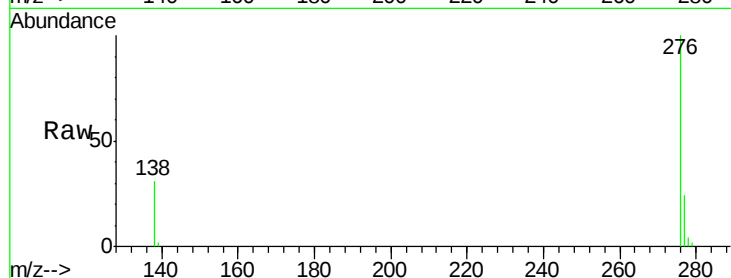
Acq: 19 Jun 2015 18:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC001EC



Tgt Ion: 276 Resp: 11570

Ion Ratio Lower Upper

276 100

277 24.3 19.3 28.9

138 30.8 24.7 37.1

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

