

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061915\
 Data File : BM001745.D
 Acq On : 18 Jun 2015 20:11
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: Jun 19 04:21:04 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 04:18:06 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	18849	5.00	ng	0.00
6) Naphthalene-d8	10.46	136	69051	5.00	ng	0.00
12) Acenaphthene-d10	14.32	164	32765	5.00	ng	0.00
18) Phenanthrene-d10	17.06	188	79761	5.00	ng	0.00
25) Chrysene-d12	21.25	240	48405	5.00	ng	0.00
32) Perylene-d12	23.47	264	42234	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.25	112	2023	0.45	ng	0.00
5) Phenol-d6	6.83	99	2581	0.46	ng	0.00
7) Nitrobenzene-d5	8.83	82	2436	0.46	ng	0.00
13) 2,4,6-Tribromophenol	15.80	330	444	0.38	ng	0.00
14) 2-Fluorobiphenyl	12.94	172	5584	0.48	ng	0.00
27) Terphenyl-d14	19.70	244	3504	0.48	ng	0.00

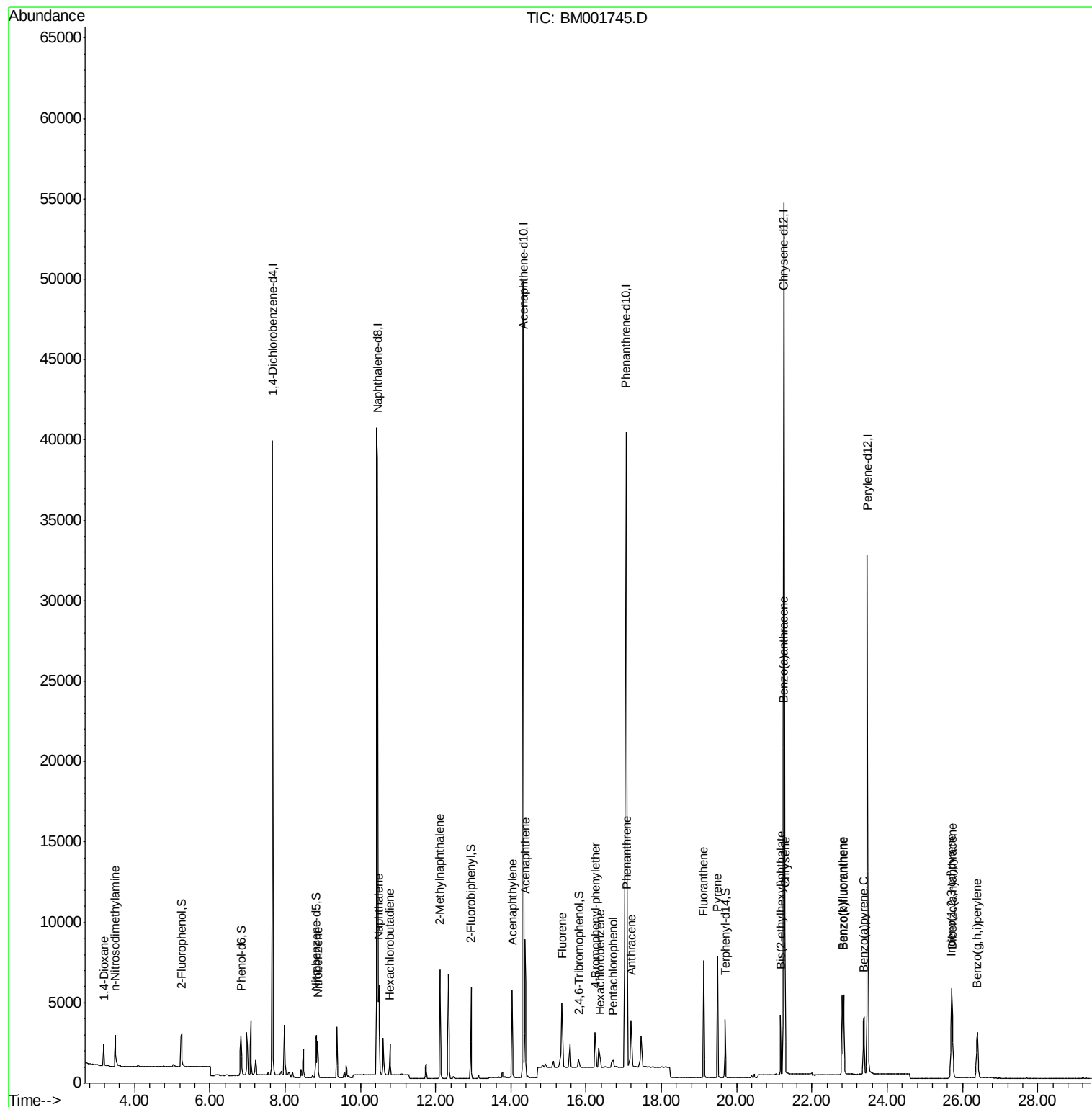
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.18	88	1054	0.44	ng	98
3) n-Nitrosodimethylamine	3.49	42	1543	0.47	ng	# 99
8) Nitrobenzene	8.87	77	2600	0.45	ng	100
9) Naphthalene	10.49	128	7878	0.47	ng	99
10) Hexachlorobutadiene	10.78	225	1358	0.48	ng	98
11) 2-Methylnaphthalene	12.12	142	4999	0.46	ng	99
15) Acenaphthylene	14.03	152	6997	0.45	ng	100
16) Acenaphthene	14.37	154	4587	0.47	ng	100
17) Fluorene	15.36	166	4178	0.42	ng	100
19) 4-Bromophenyl-phenylether	16.24	248	1624	0.23	ng	91
20) Hexachlorobenzene	16.38	284	1070	0.16	ng	# 100
21) Pentachlorophenol	16.72	266	426	0.23	ng	96
22) Phenanthrene	17.09	178	12548	0.47	ng	99
23) Anthracene	17.19	178	4492	0.16	ng	94
24) Fluoranthene	19.12	202	8011	0.23	ng	100
26) Pyrene	19.49	202	8139	0.49	ng	100
28) Benzo(a)anthracene	21.24	228	6645	0.44	ng	98
29) Chrysene	21.28	228	7334	0.50	ng	100
30) Bis(2-ethylhexyl)phthalate	21.16	149	3607	0.38	ng	100
31) Indeno(1,2,3-cd)pyrene	25.70	276	6565	0.55	ng	100
33) Benzo(b)fluoranthene	22.80	252	6357	0.46	ng	98
34) Benzo(k)fluoranthene	22.84	252	5775	0.43	ng	98
35) Benzo(a)pyrene	23.38	252	5311	0.46	ng	96
36) Dibenzo(a,h)anthracene	25.72	278	5291	0.53	ng	96
37) Benzo(g,h,i)perylene	26.39	276	5613	0.52	ng	96

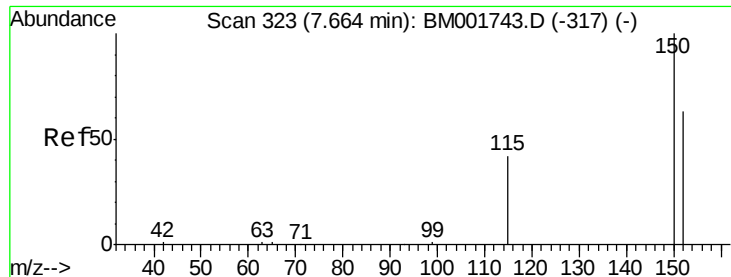
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 19 04:18:06 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: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

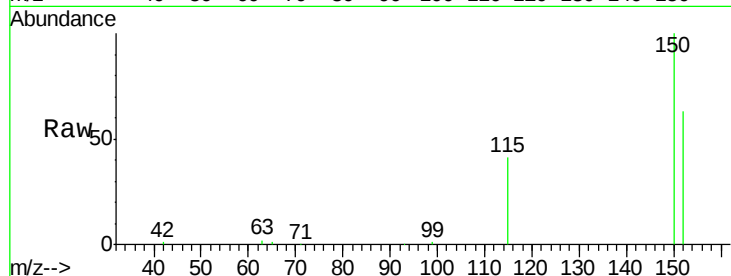
Tgt Ion: 152 Resp: 18849

Ion Ratio Lower Upper

152 100

150 158.6 127.5 191.3

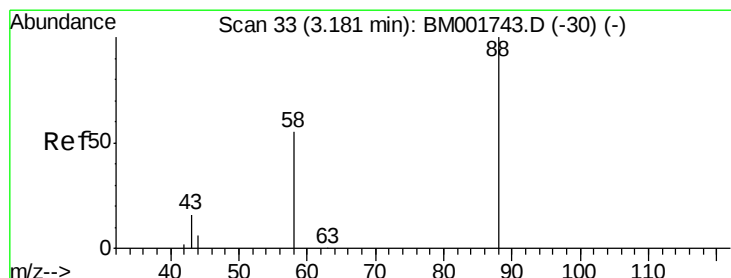
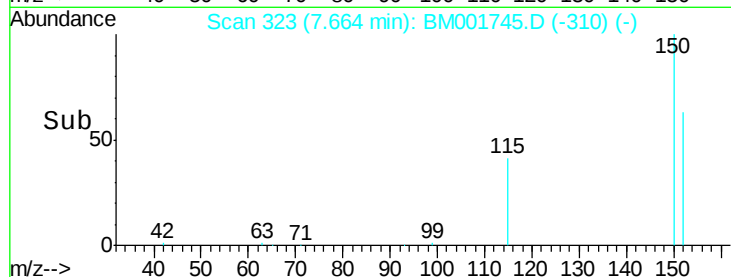
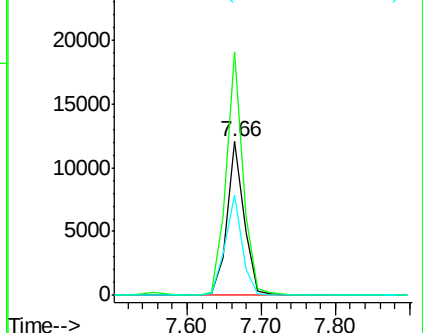
115 65.2 53.2 79.8



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: 0.44 ng

RT: 3.18 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

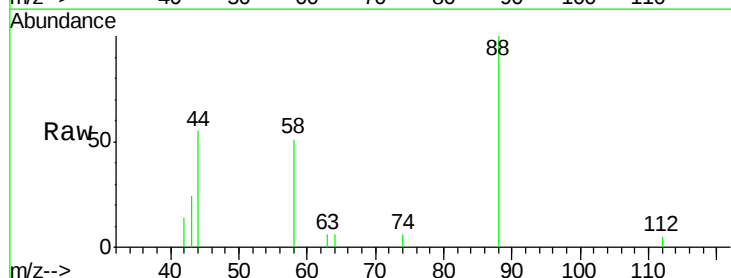
Tgt Ion: 88 Resp: 1054

Ion Ratio Lower Upper

88 100

58 84.5 68.3 102.5

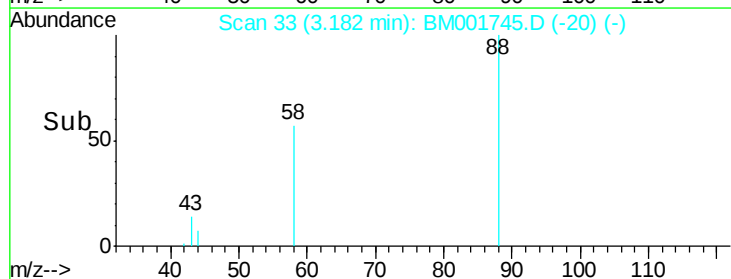
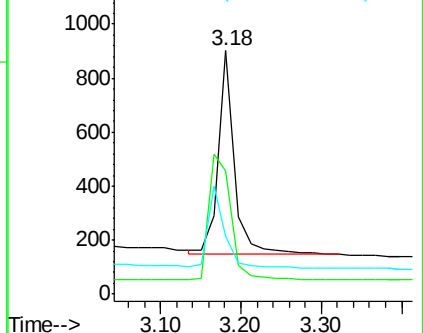
43 43.7 32.6 48.8

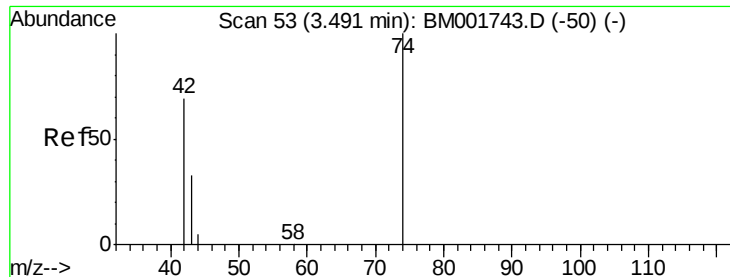


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.47 ng

RT: 3.49 min Scan# 53

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

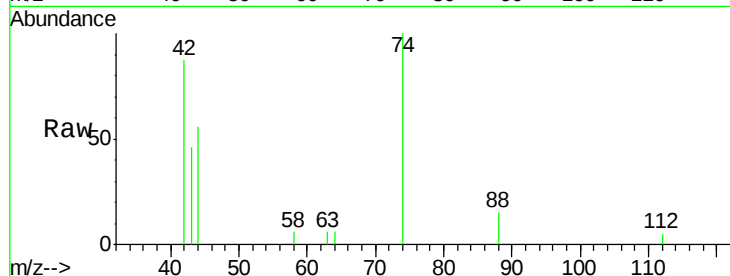
Tgt Ion: 42 Resp: 1543

Ion Ratio Lower Upper

42 100

74 98.7 78.6 118.0

44 8.8 5.0 7.6#

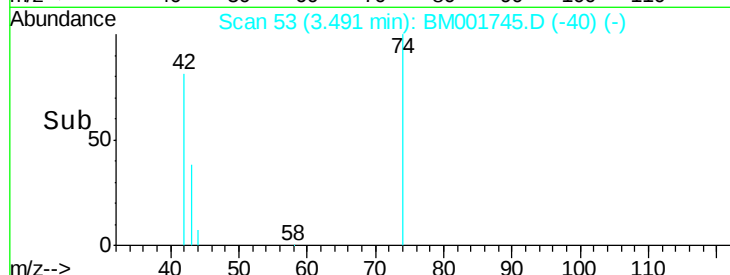


Abundance Ion 42.00 (41.70 to 42.70): BM001743.D (-50) (-)

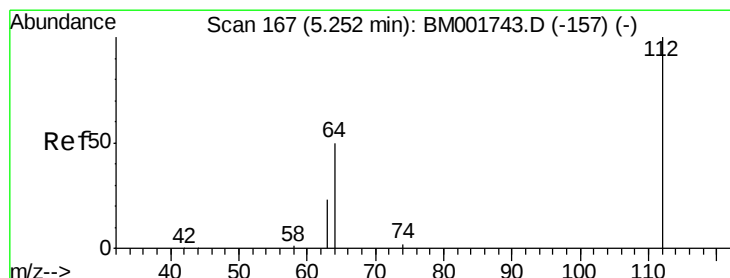
Ion 74.00 (73.70 to 74.70): BM001743.D (-50) (-)

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

Time-->



Time-->



#4

2-Fluorophenol

Concen: 0.45 ng

RT: 5.25 min Scan# 167

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

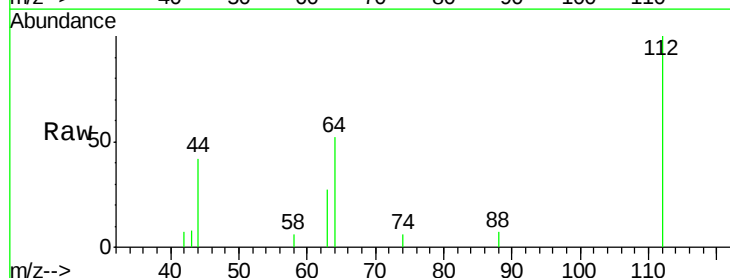
Tgt Ion: 112 Resp: 2023

Ion Ratio Lower Upper

112 100

64 70.4 55.6 83.4

63 38.9 30.2 45.2

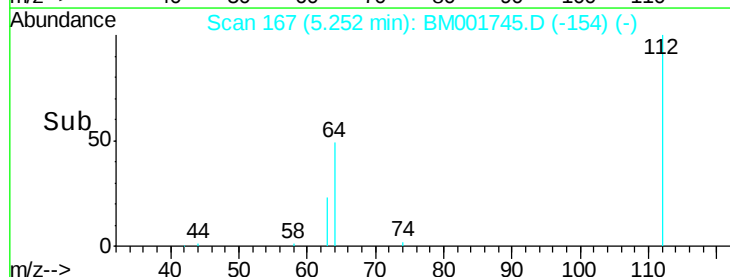


Abundance Ion 112.00 (111.70 to 112.70): BM001743.D (-157) (-)

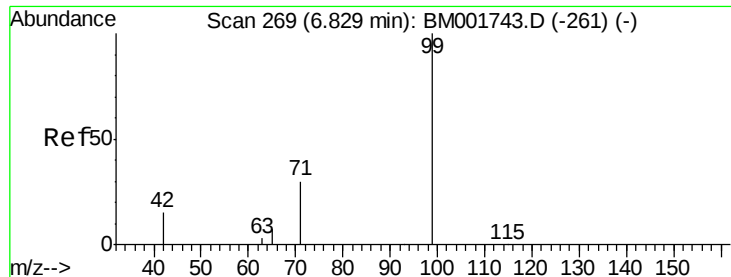
Ion 64.00 (63.70 to 64.70): BM001743.D (-157) (-)

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

Time-->



Time-->



#5

Phenol-d6

Concen: 0.46 ng

RT: 6.83 min Scan# 269

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

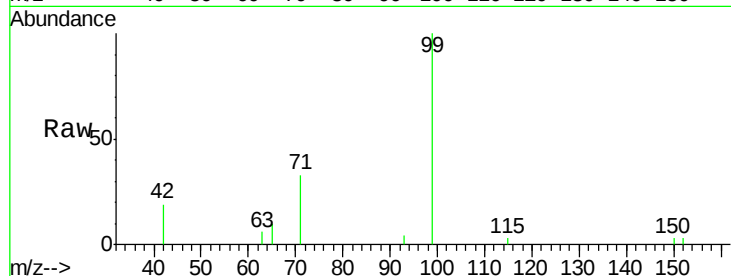
Tgt Ion: 99 Resp: 2581

Ion Ratio Lower Upper

99 100

42 27.6 21.4 32.0

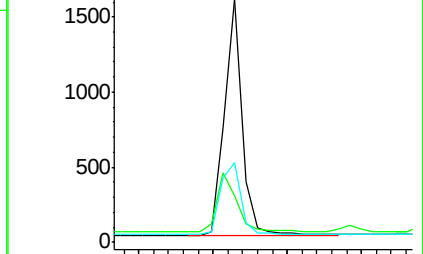
71 36.1 28.3 42.5



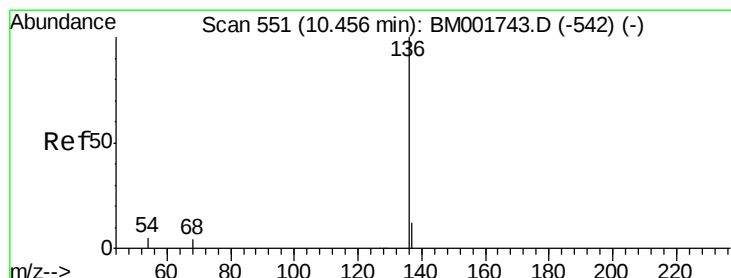
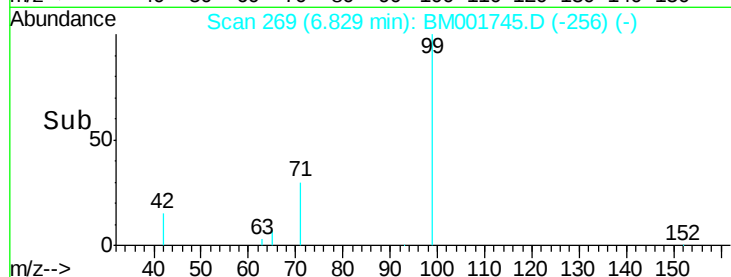
Abundance Ion 99.00 (98.70 to 99.70): BM001743.D (-261) (-)

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

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



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.46 min Scan# 551

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Tgt Ion: 136 Resp: 69051

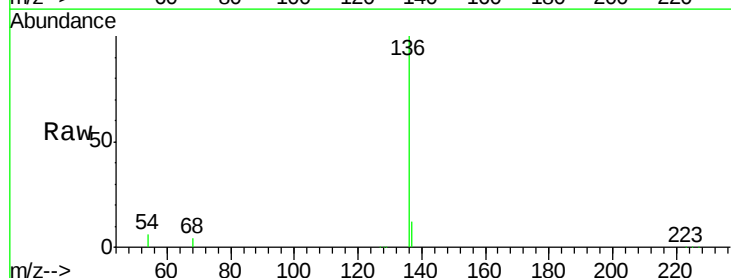
Ion Ratio Lower Upper

136 100

137 11.6 9.4 14.0

54 5.5 4.4 6.6

68 3.8 3.1 4.7

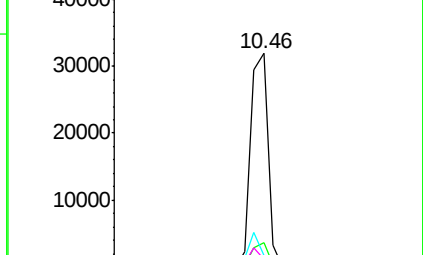


Abundance Ion 136.00 (135.70 to 136.70): BM001743.D (-542) (-)

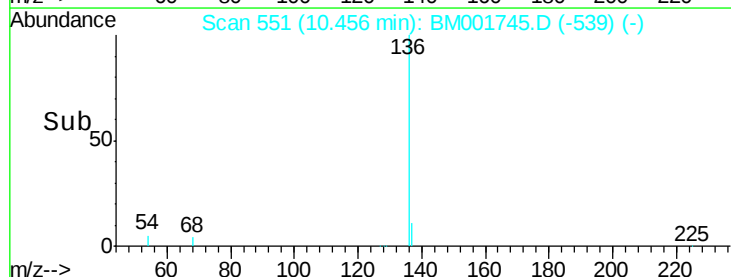
Ion 137.00 (136.70 to 137.70): BM001743.D (-542) (-)

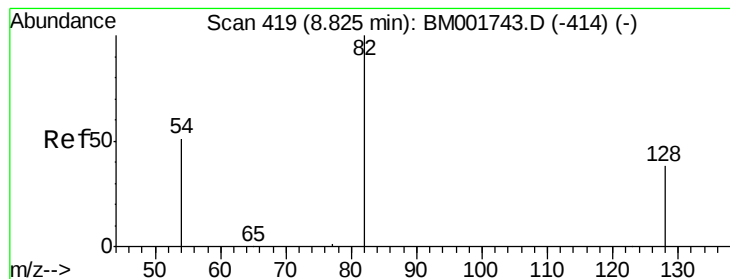
Ion 54.00 (53.70 to 54.70): BM001743.D (-542) (-)

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



Time-->





#7

Nitrobenzene-d5

Concen: 0.46 ng

RT: 8.83 min Scan# 419

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

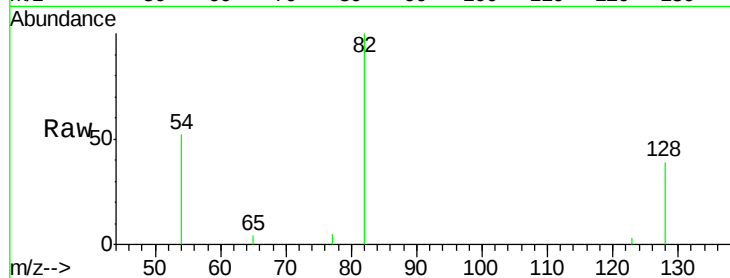
Tgt Ion: 82 Resp: 2436

Ion Ratio Lower Upper

82 100

128 39.2 31.3 46.9

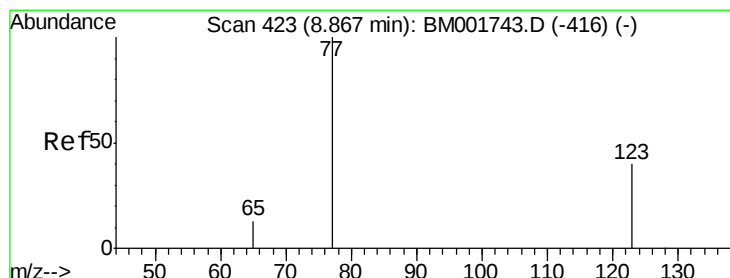
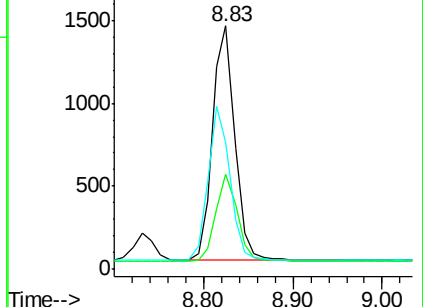
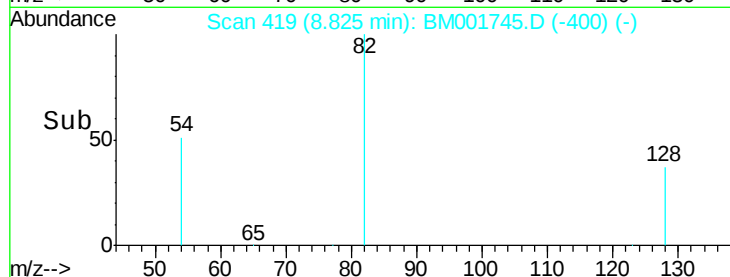
54 52.5 41.9 62.9



Abundance Ion 82.00 (81.70 to 82.70): BM001745.D (-414) (-)

Ion 128.00 (127.70 to 128.70): BM001745.D (-414) (-)

Ion 54.00 (53.70 to 54.70): BM001745.D (-414) (-)



#8

Nitrobenzene

Concen: 0.45 ng

RT: 8.87 min Scan# 423

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

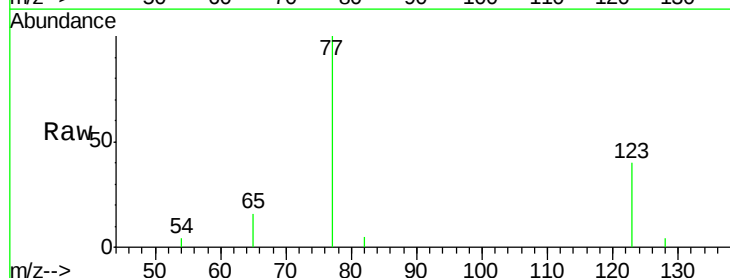
Tgt Ion: 77 Resp: 2600

Ion Ratio Lower Upper

77 100

123 37.5 30.1 45.1

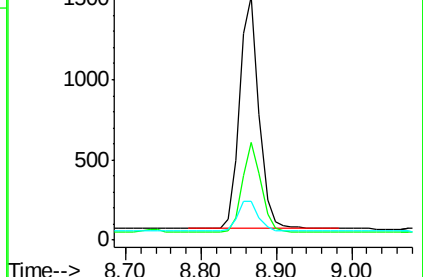
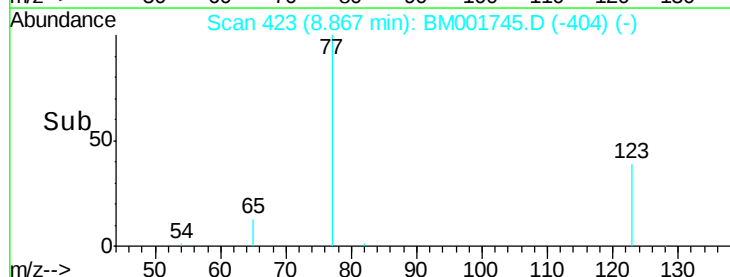
65 14.3 11.3 16.9

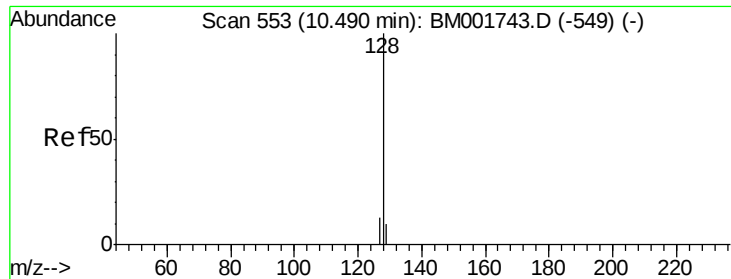


Abundance Ion 77.00 (76.70 to 77.70): BM001745.D (-416) (-)

Ion 123.00 (122.70 to 123.70): BM001745.D (-416) (-)

Ion 65.00 (64.70 to 65.70): BM001745.D (-416) (-)





#9

Naphthalene

Concen: 0.47 ng

RT: 10.49 min Scan# 553

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

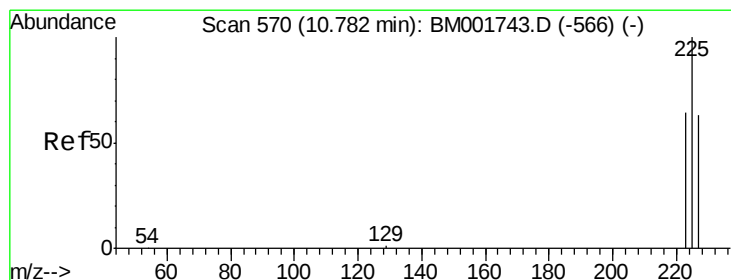
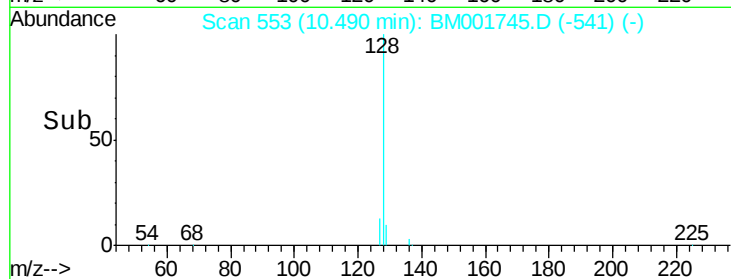
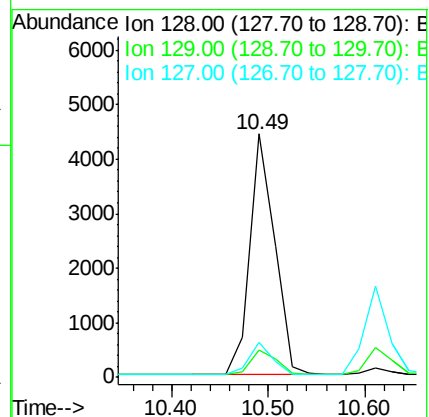
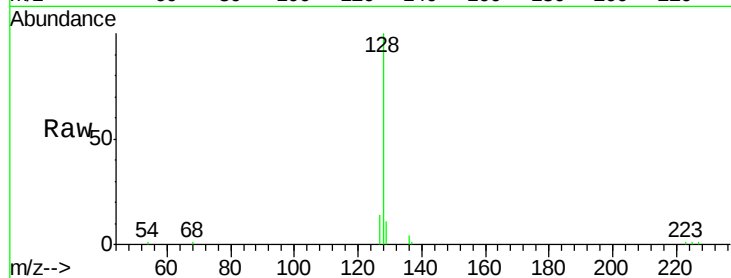
Tgt Ion:128 Resp: 7878

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 14.2 11.2 16.8



#10

Hexachlorobutadiene

Concen: 0.48 ng

RT: 10.78 min Scan# 570

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

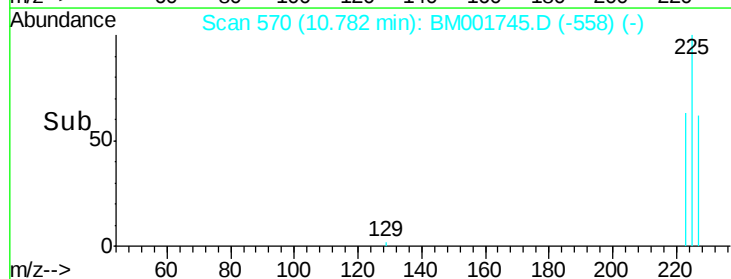
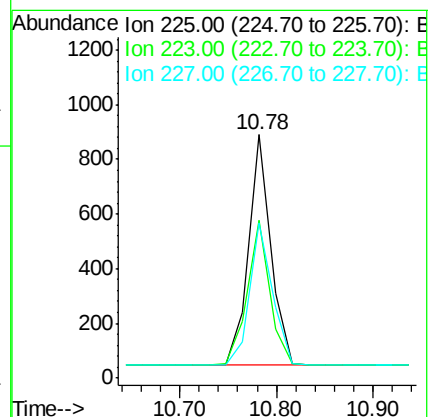
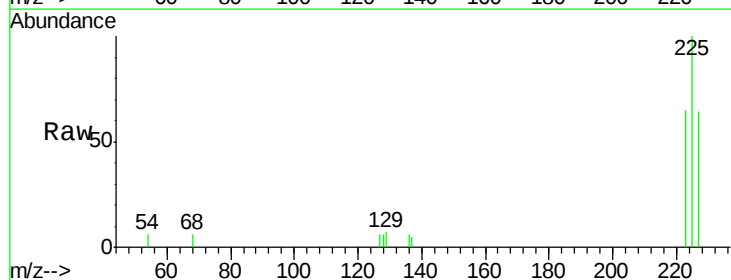
Tgt Ion:225 Resp: 1358

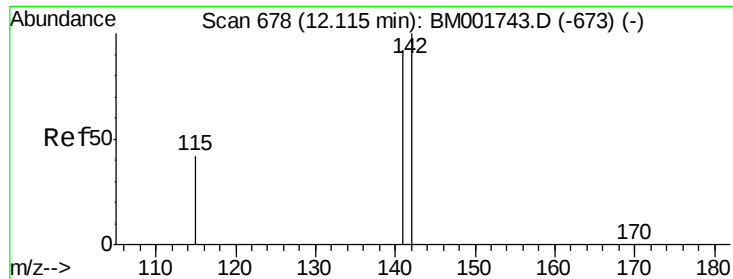
Ion Ratio Lower Upper

225 100

223 62.7 51.0 76.4

227 63.3 51.8 77.8

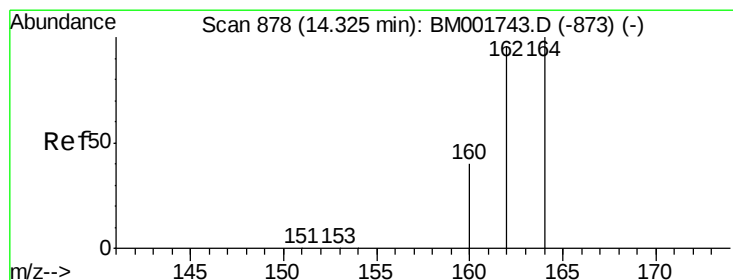
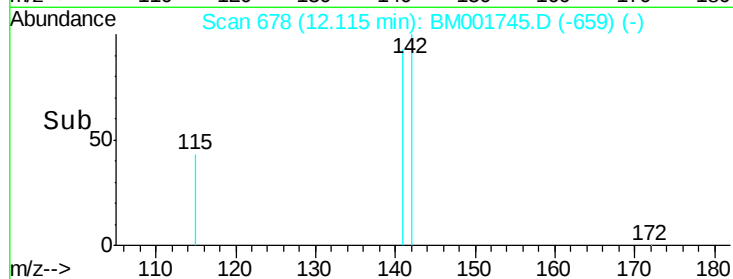
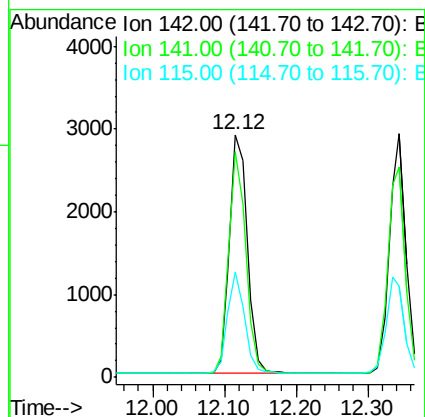
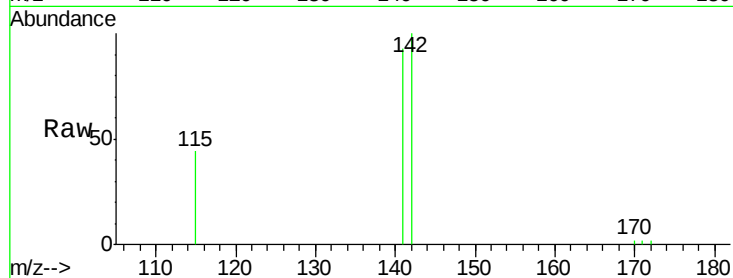




#11
2-Methylnaphthalene
Concen: 0.46 ng
RT: 12.12 min Scan# 678
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

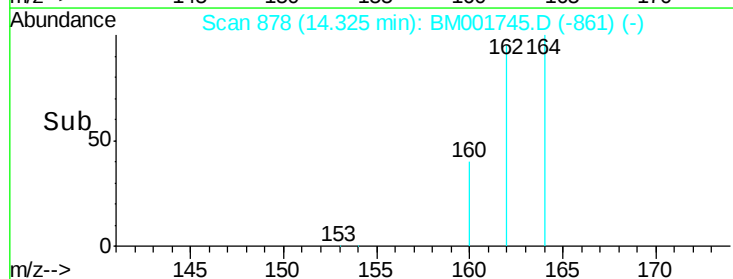
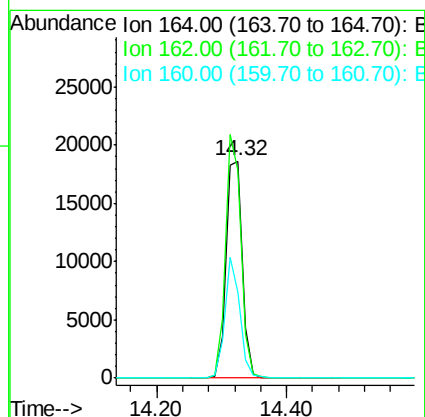
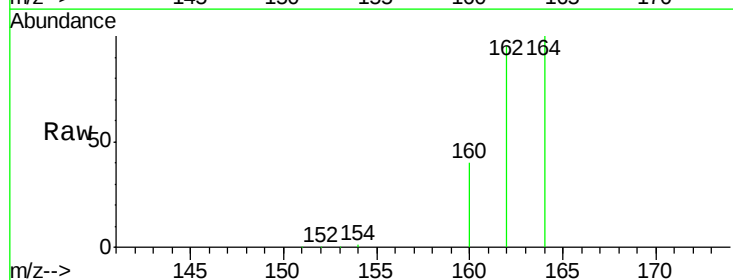
Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

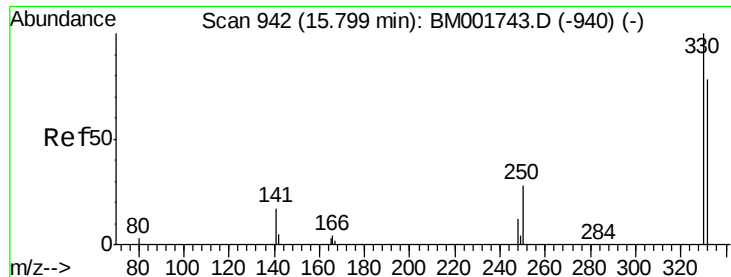
Tgt Ion:142 Resp: 4999
Ion Ratio Lower Upper
142 100
141 93.0 73.6 110.4
115 43.7 34.1 51.1



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.32 min Scan# 878
Delta R.T. 0.00 min
Lab File: BM001745.D
Acq: 18 Jun 2015 20:11

Tgt Ion:164 Resp: 32765
Ion Ratio Lower Upper
164 100
162 95.4 76.6 114.8
160 39.7 31.8 47.8

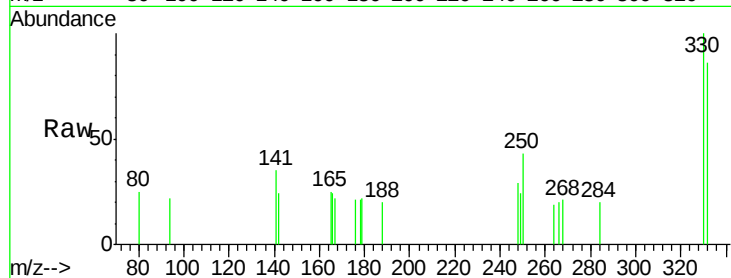




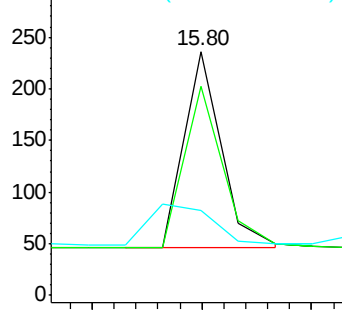
#13
 2,4,6-Tribromophenol
 Concen: 0.38 ng
 RT: 15.80 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM001745.D
 Acq: 18 Jun 2015 20:11

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

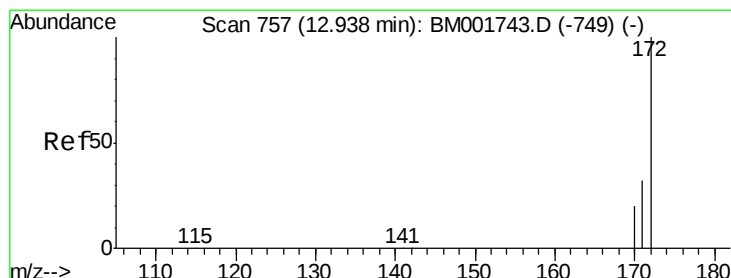
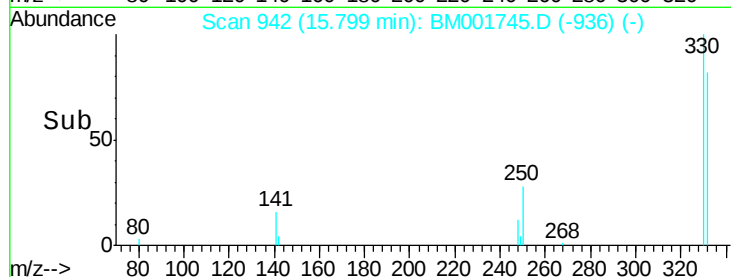
Tgt Ion: 330 Resp: 444
 Ion Ratio Lower Upper
 330 100
 332 85.4 65.8 98.8
 141 0.0 0.0 0.0



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

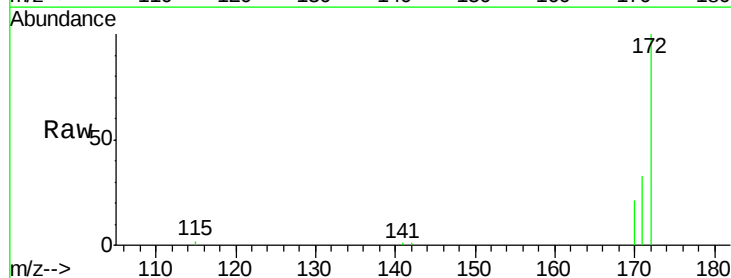


Time-->

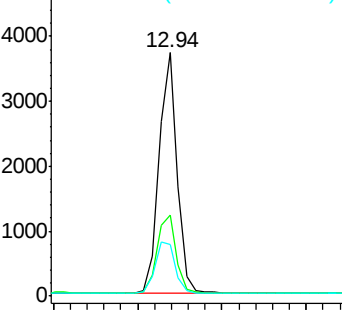


#14
 2-Fluorobiphenyl
 Concen: 0.48 ng
 RT: 12.94 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BM001745.D
 Acq: 18 Jun 2015 20:11

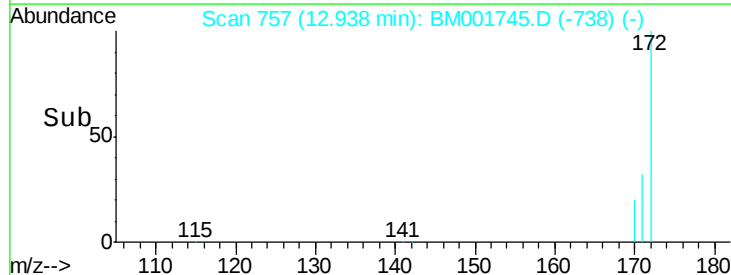
Tgt Ion: 172 Resp: 5584
 Ion Ratio Lower Upper
 172 100
 171 33.1 26.2 39.2
 170 21.1 16.6 24.8

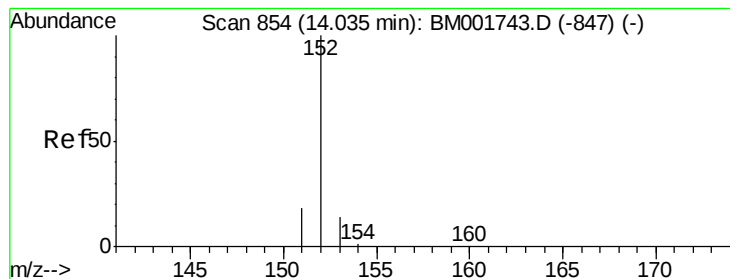


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



Time-->





#15

Acenaphthylene

Concen: 0.45 ng

RT: 14.03 min Scan# 854

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

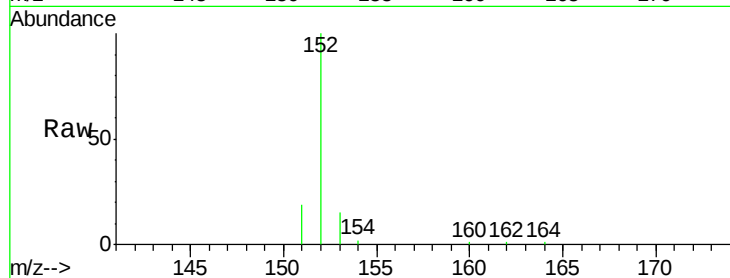
Tgt Ion:152 Resp: 6997

Ion Ratio Lower Upper

152 100

151 19.2 15.4 23.2

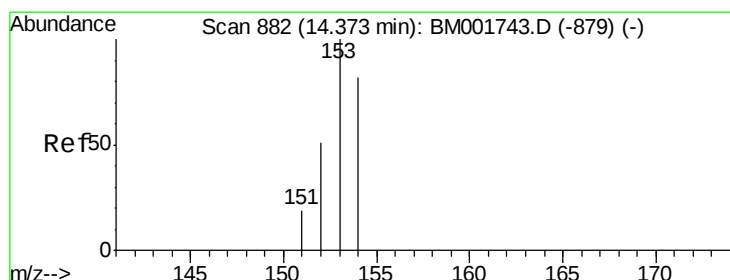
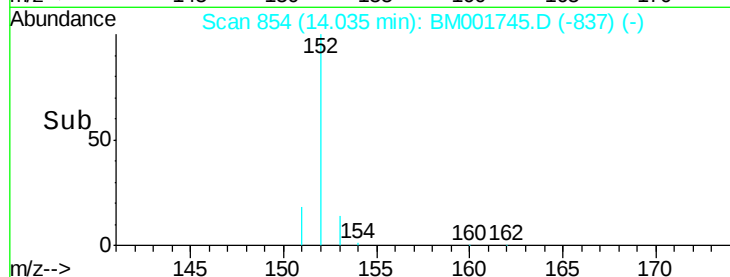
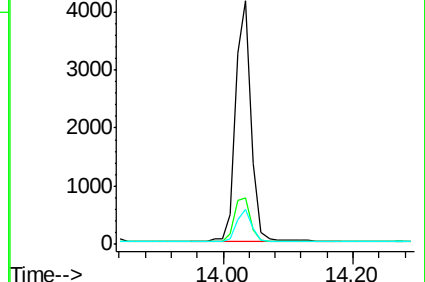
153 12.8 10.4 15.6



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: 0.47 ng

RT: 14.37 min Scan# 882

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

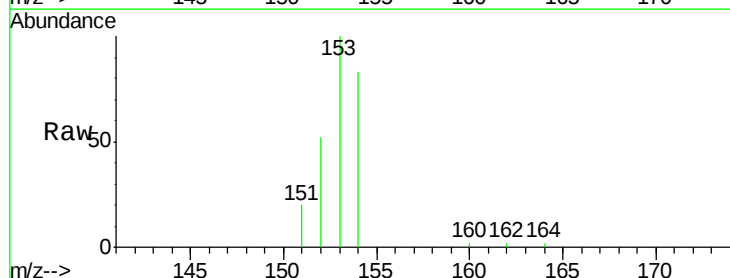
Tgt Ion:154 Resp: 4587

Ion Ratio Lower Upper

154 100

153 113.1 90.0 135.0

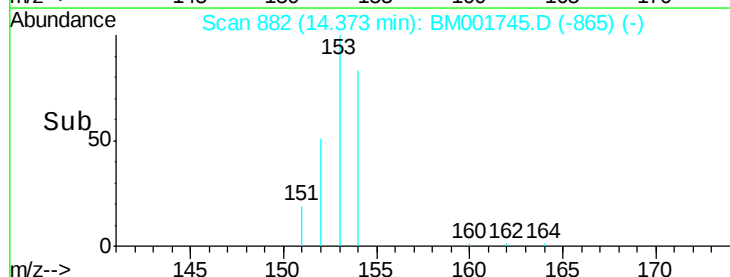
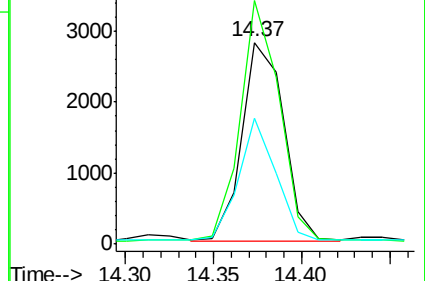
152 55.2 44.2 66.4

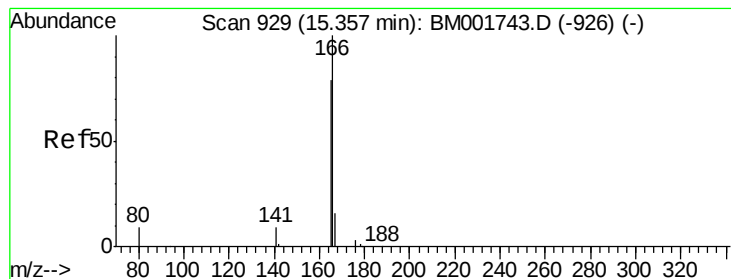


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.42 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

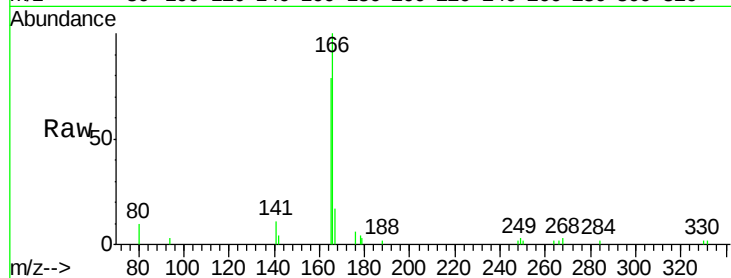
Tgt Ion:166 Resp: 4178

Ion Ratio Lower Upper

166 100

165 85.6 68.2 102.2

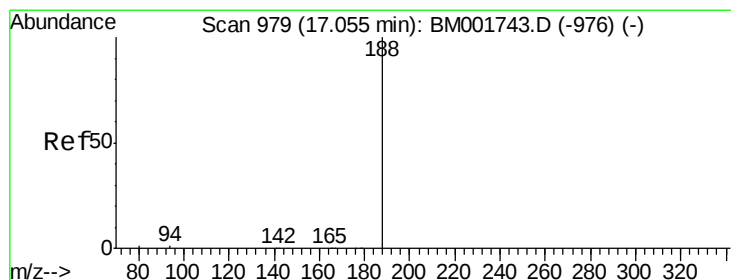
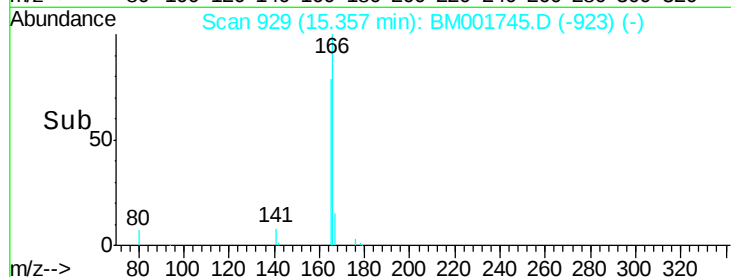
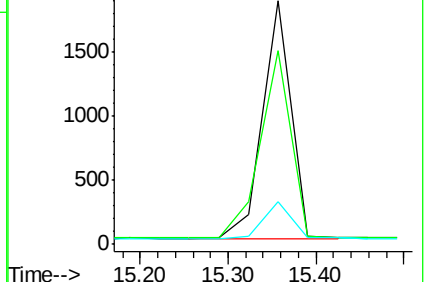
167 14.9 12.2 18.2



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: BM001745.D

Acq: 18 Jun 2015 20:11

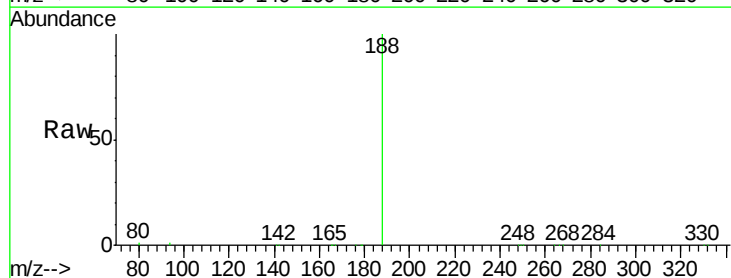
Tgt Ion:188 Resp: 79761

Ion Ratio Lower Upper

188 100

94 1.3 1.3 1.9#

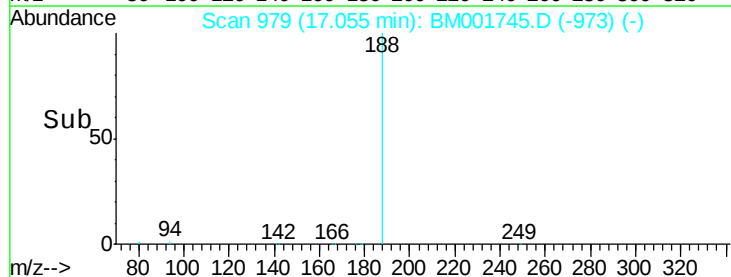
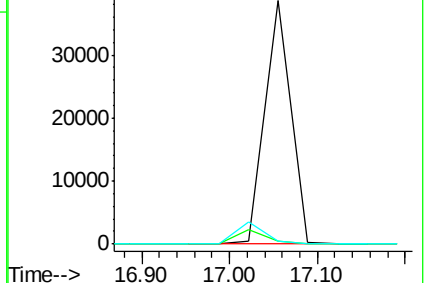
80 1.1 1.0 1.6

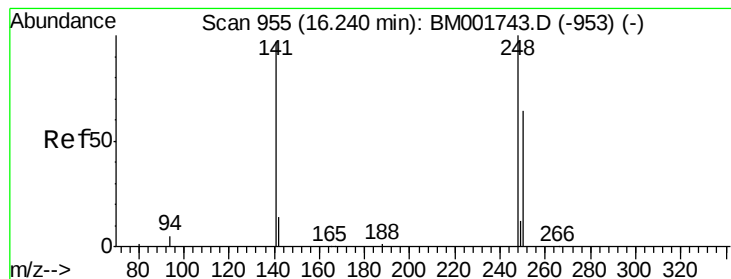


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#19

4-Bromophenyl-phenylether

Concen: 0.23 ng

RT: 16.24 min Scan# 955

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

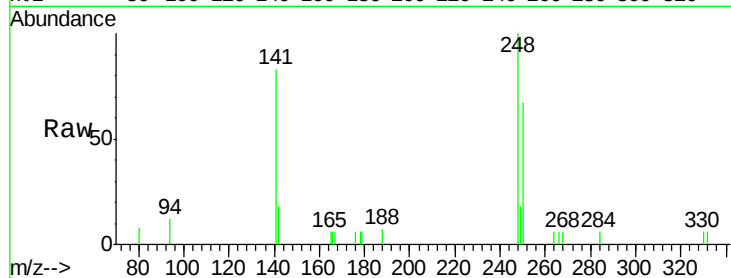
Tgt Ion:248 Resp: 1624

Ion Ratio Lower Upper

248 100

250 69.0 54.8 82.2

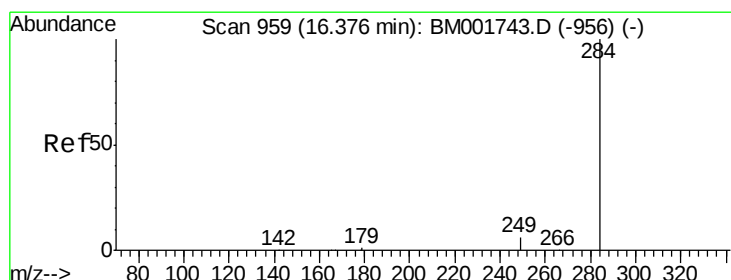
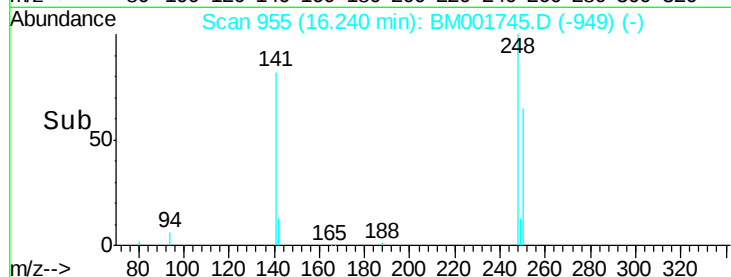
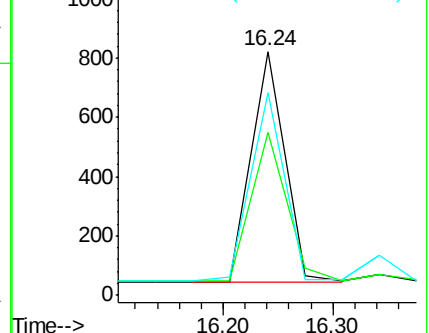
141 81.5 76.2 114.4



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: 0.16 ng

RT: 16.38 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

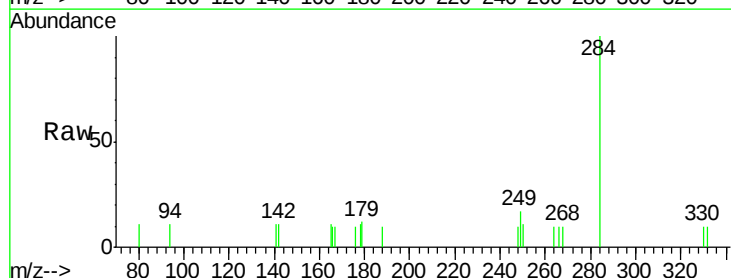
Tgt Ion:284 Resp: 1070

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

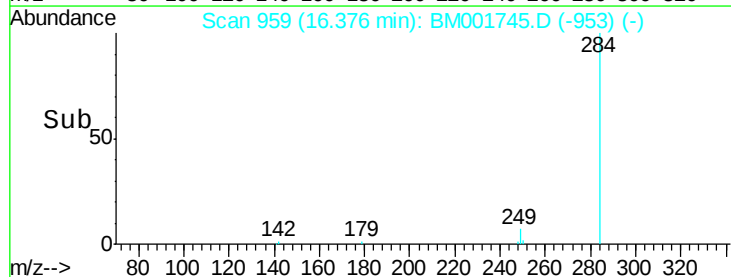
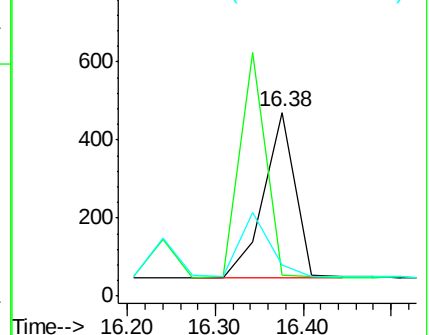
249 0.0 0.0 0.0

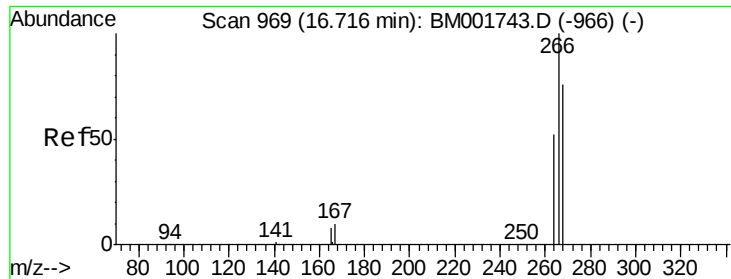


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 0.23 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

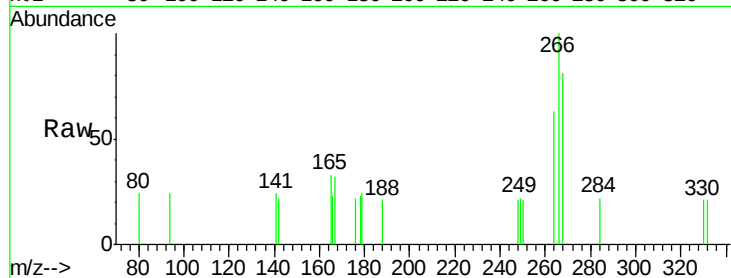
Tgt Ion:266 Resp: 426

Ion Ratio Lower Upper

266 100

268 80.5 63.2 94.8

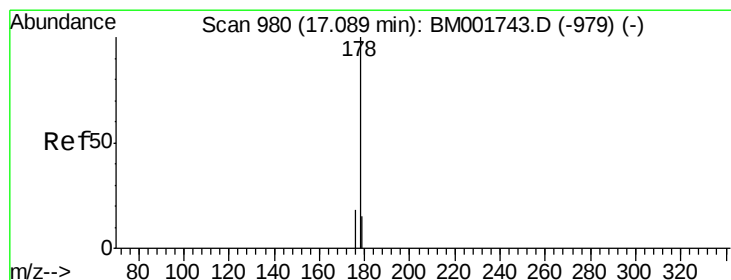
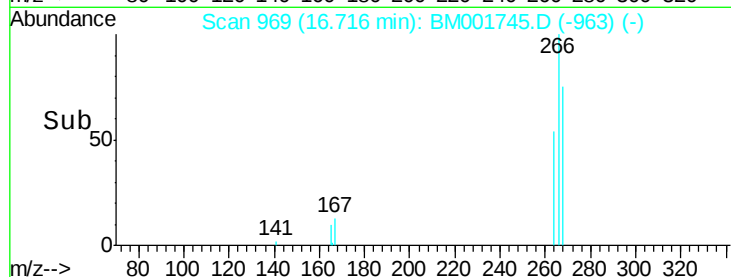
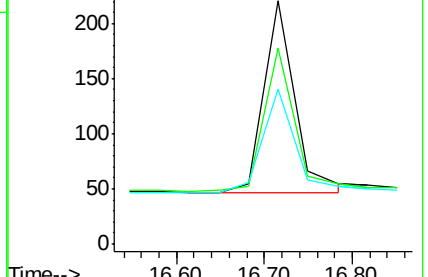
264 63.3 46.2 69.2



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: 0.47 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

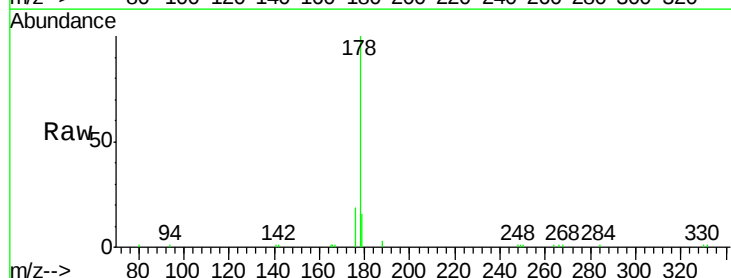
Tgt Ion:178 Resp: 12548

Ion Ratio Lower Upper

178 100

176 18.4 15.4 23.2

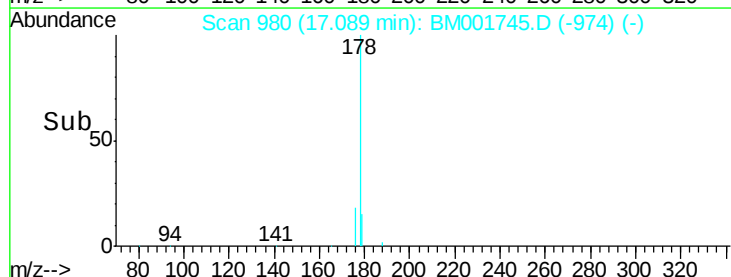
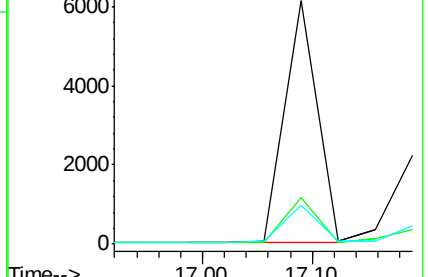
179 16.0 12.6 19.0

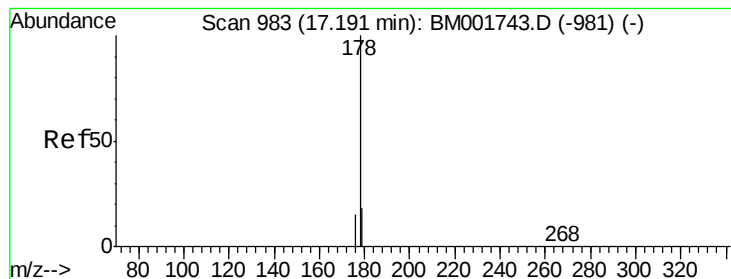


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.16 ng

RT: 17.19 min Scan# 983

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

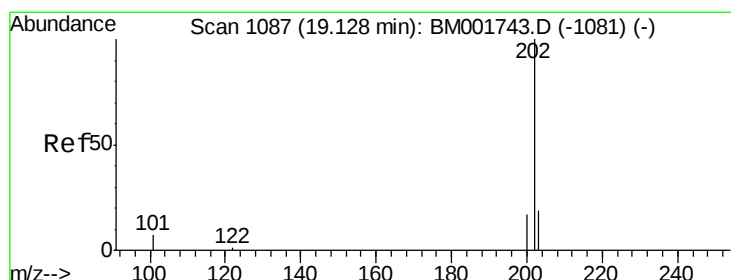
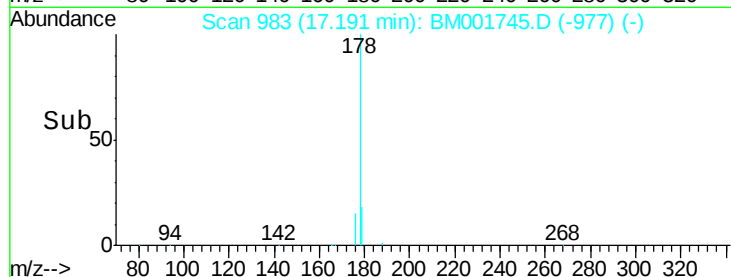
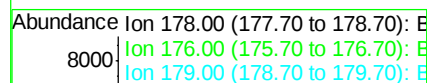
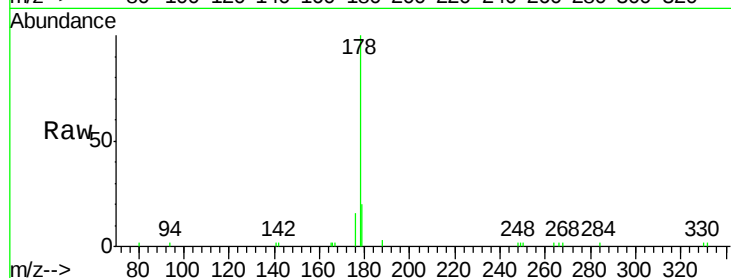
Tgt Ion:178 Resp: 4492

Ion Ratio Lower Upper

178 100

176 14.6 10.0 15.0

179 18.4 12.3 18.5



#24

Fluoranthene

Concen: 0.23 ng

RT: 19.12 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

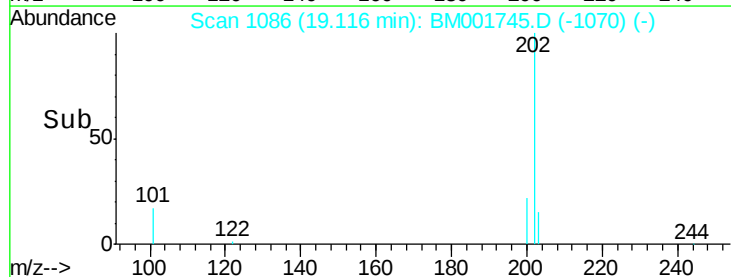
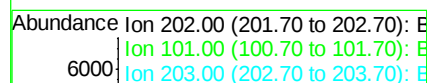
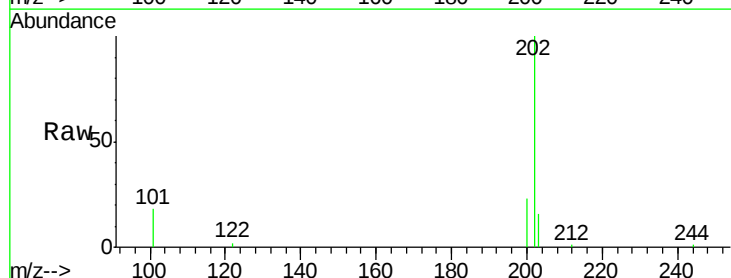
Tgt Ion:202 Resp: 8011

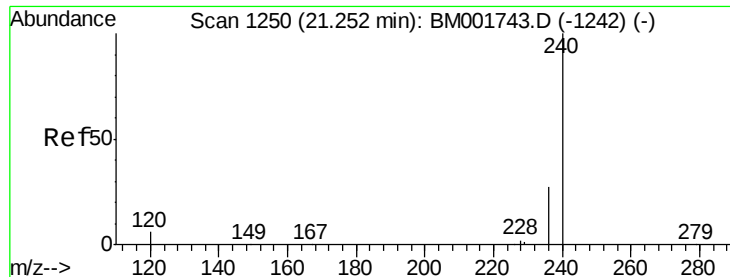
Ion Ratio Lower Upper

202 100

101 13.4 10.8 16.2

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: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

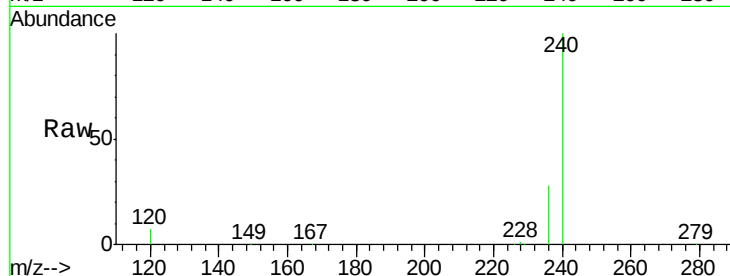
Tgt Ion:240 Resp: 48405

Ion Ratio Lower Upper

240 100

120 7.2 4.7 7.1#

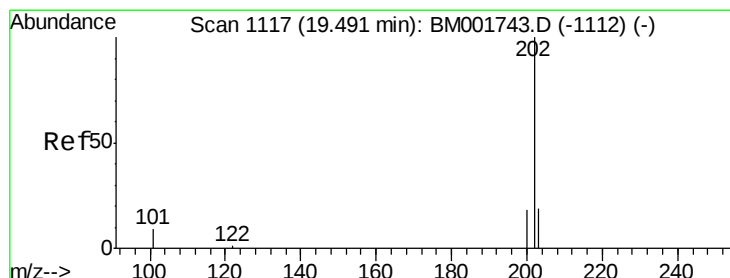
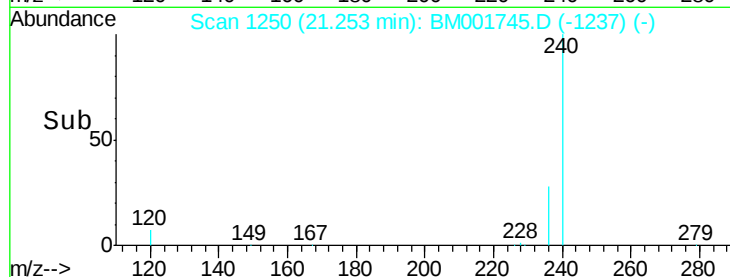
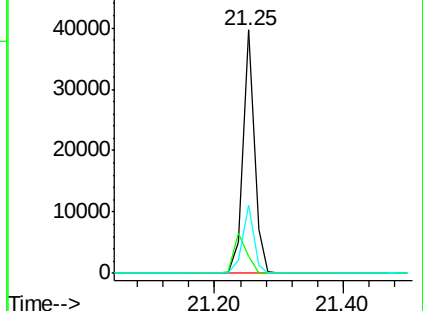
236 27.9 21.6 32.4



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: 0.49 ng

RT: 19.49 min Scan# 1117

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

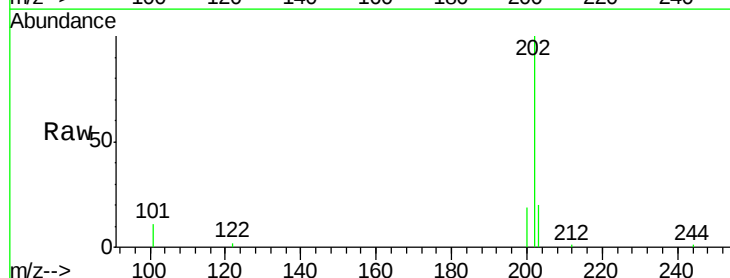
Tgt Ion:202 Resp: 8139

Ion Ratio Lower Upper

202 100

200 20.7 16.6 24.8

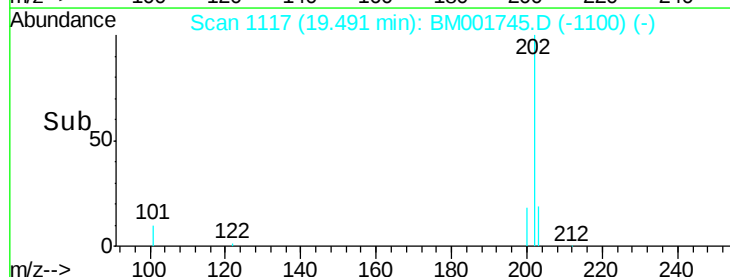
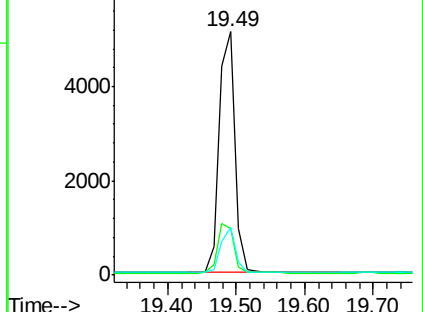
203 17.5 13.9 20.9

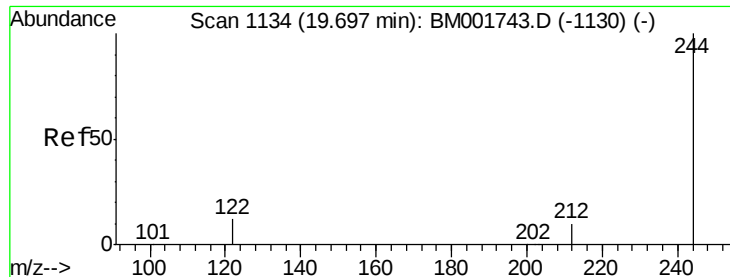


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

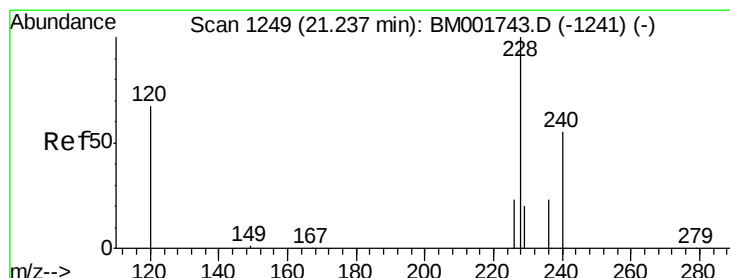
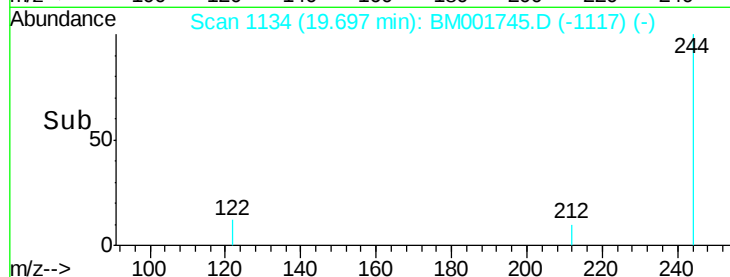
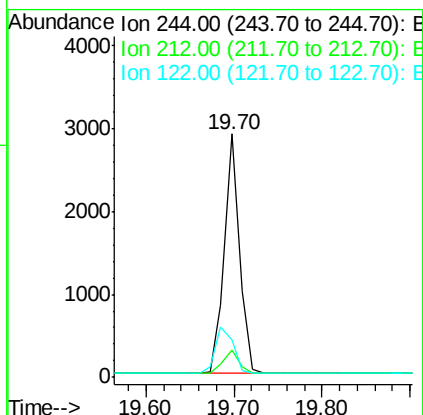
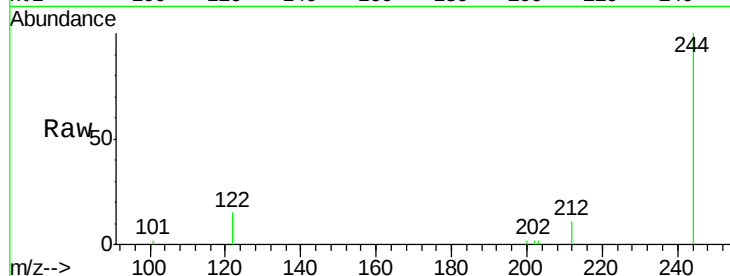




#27
 Terphenyl-d14
 Concen: 0.48 ng
 RT: 19.70 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BM001745.D
 Acq: 18 Jun 2015 20:11

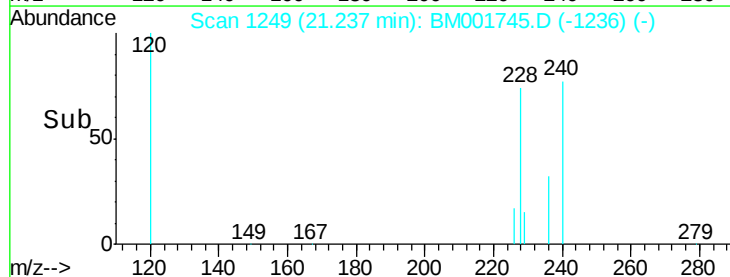
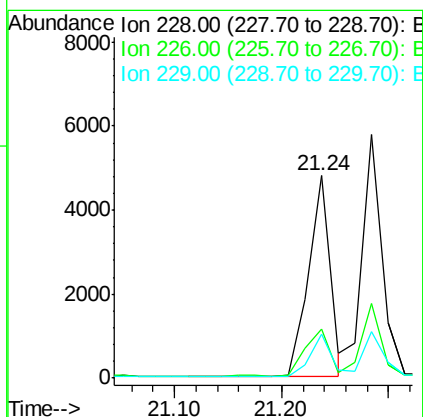
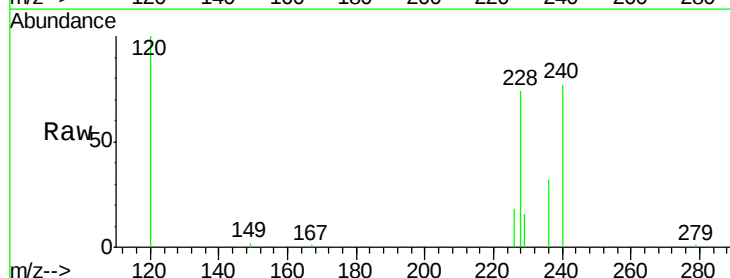
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

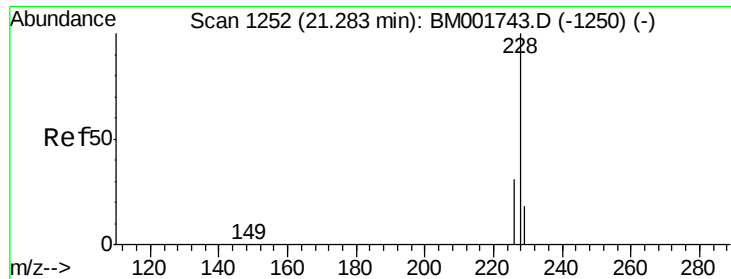
Tgt Ion: 244 Resp: 3504
 Ion Ratio Lower Upper
 244 100
 212 11.3 8.6 13.0
 122 15.2 10.6 15.8



#28
 Benzo(a)anthracene
 Concen: 0.44 ng
 RT: 21.24 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM001745.D
 Acq: 18 Jun 2015 20:11

Tgt Ion: 228 Resp: 6645
 Ion Ratio Lower Upper
 228 100
 226 24.4 18.9 28.3
 229 21.5 16.6 25.0





#29

Chrysene

Concen: 0.50 ng

RT: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

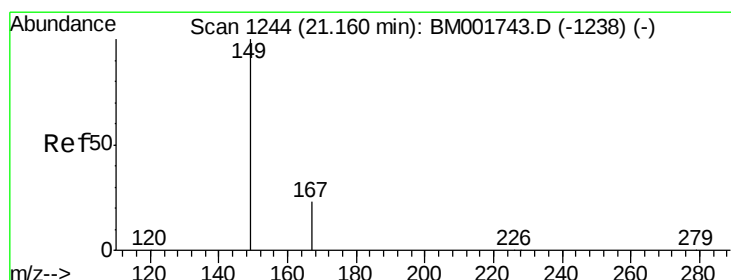
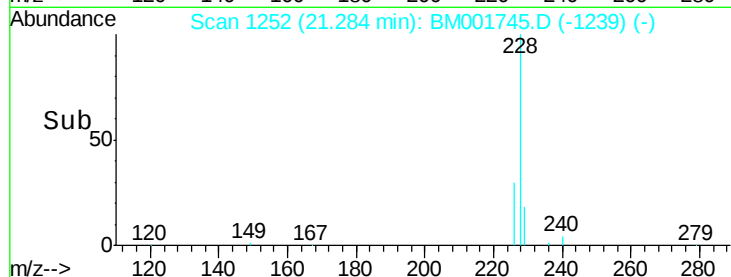
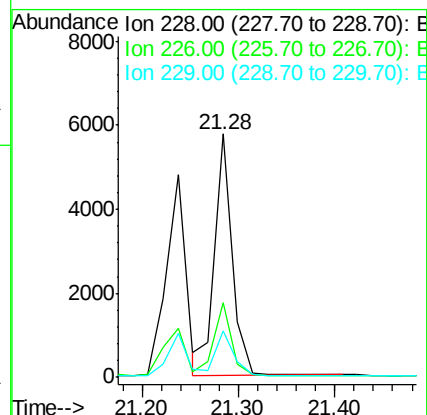
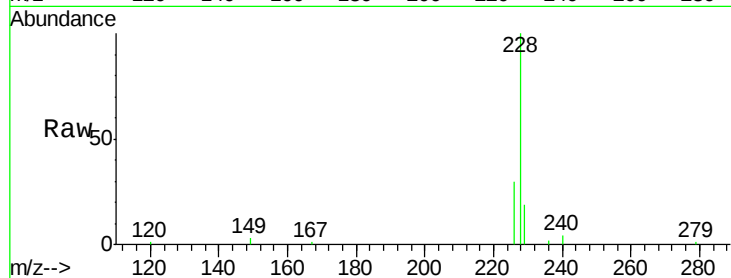
Tgt Ion:228 Resp: 7334

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

229 19.1 15.0 22.6



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.38 ng

RT: 21.16 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

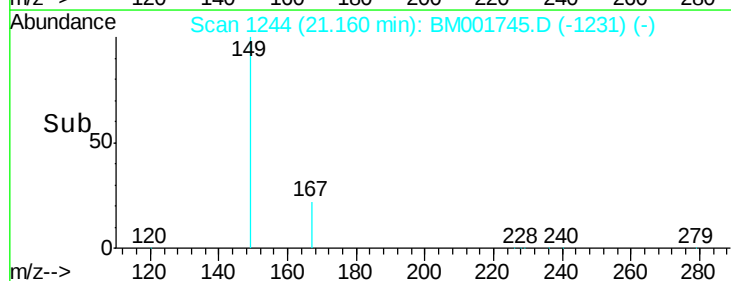
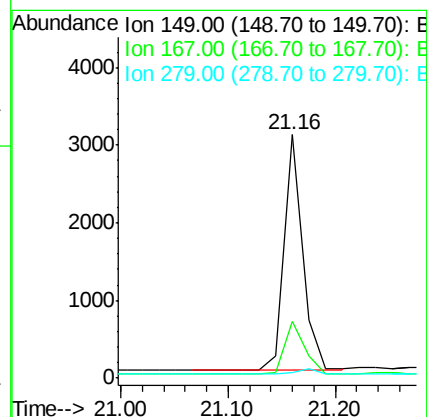
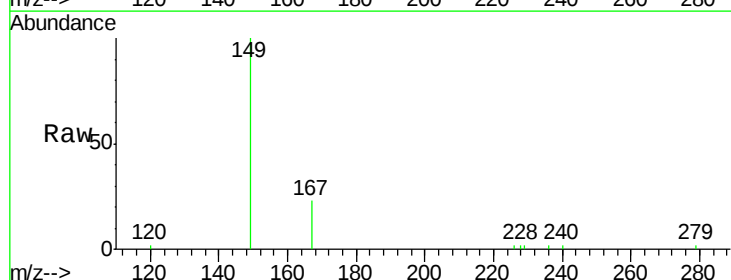
Tgt Ion:149 Resp: 3607

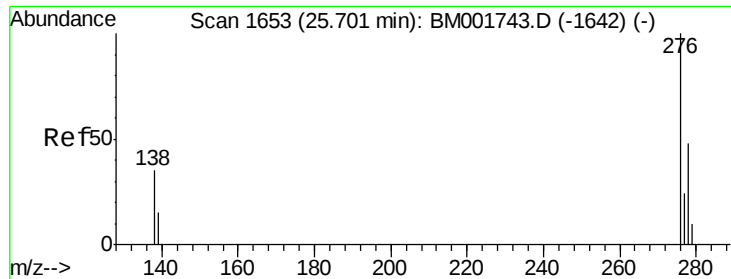
Ion Ratio Lower Upper

149 100

167 24.6 19.7 29.5

279 2.2 1.6 2.4





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.55 ng

RT: 25.70 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

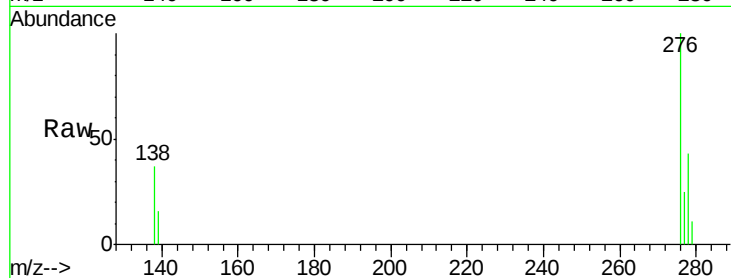
Tgt Ion:276 Resp: 6565

Ion Ratio Lower Upper

276 100

138 36.1 29.0 43.6

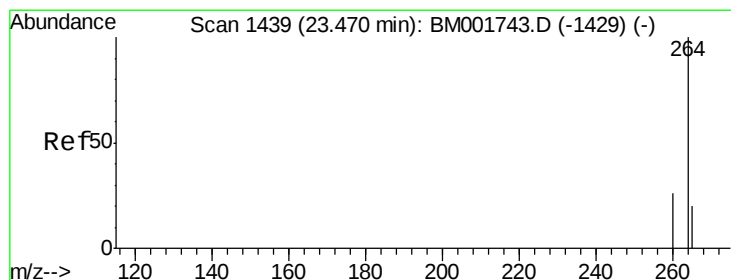
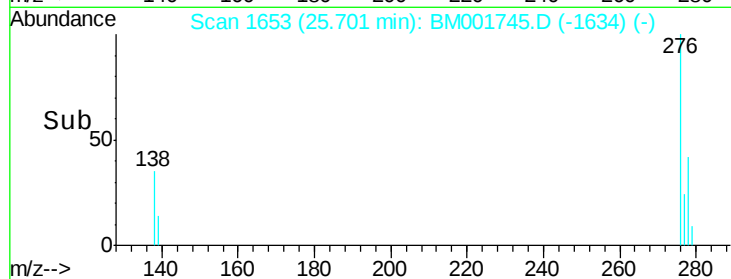
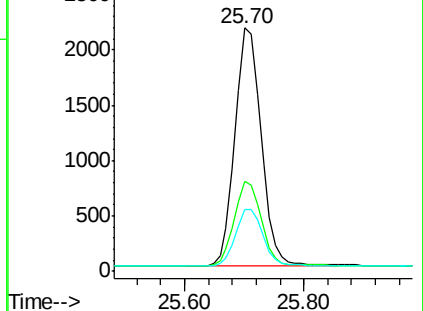
277 24.7 19.7 29.5



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: BM001745.D

Acq: 18 Jun 2015 20:11

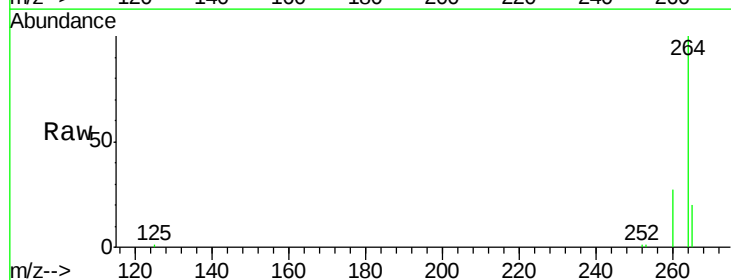
Tgt Ion:264 Resp: 42234

Ion Ratio Lower Upper

264 100

260 26.5 20.8 31.2

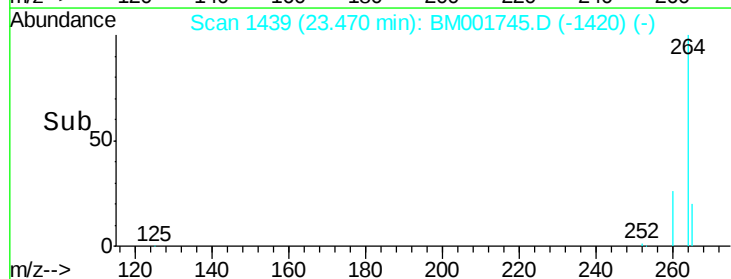
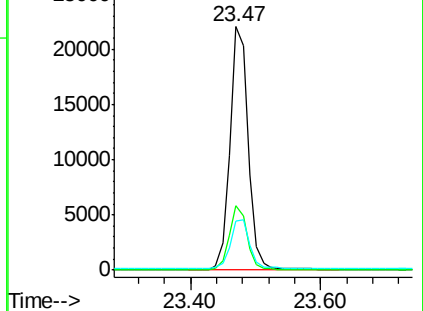
265 20.4 16.8 25.2

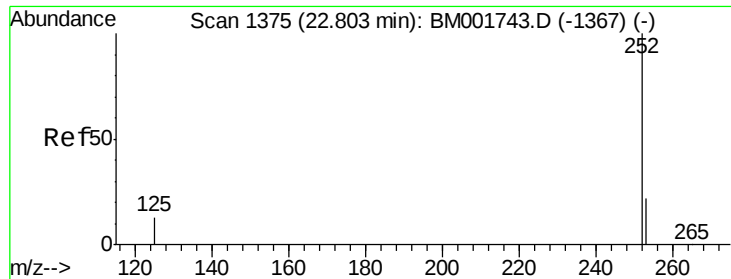


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.46 ng

RT: 22.80 min Scan# 1375

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

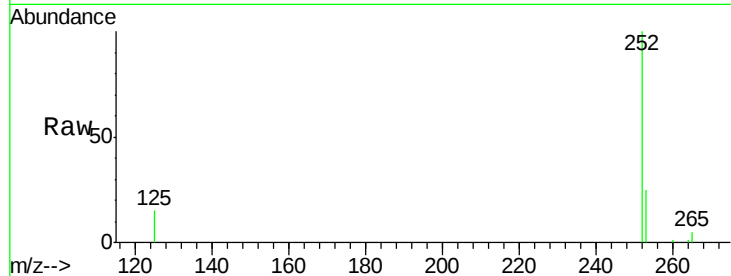
Tgt Ion:252 Resp: 6357

Ion Ratio Lower Upper

252 100

253 24.5 19.0 28.4

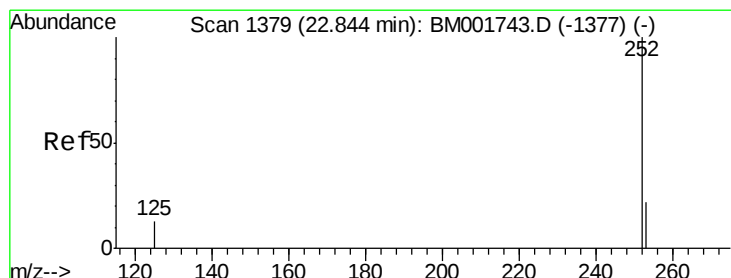
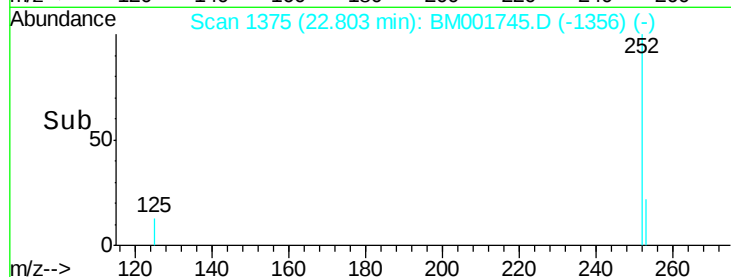
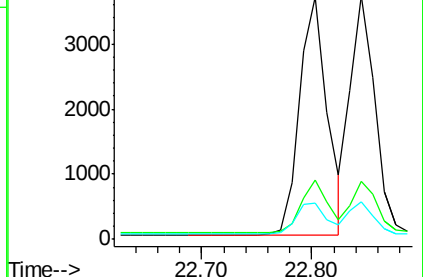
125 15.1 11.3 16.9



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: 0.43 ng

RT: 22.84 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

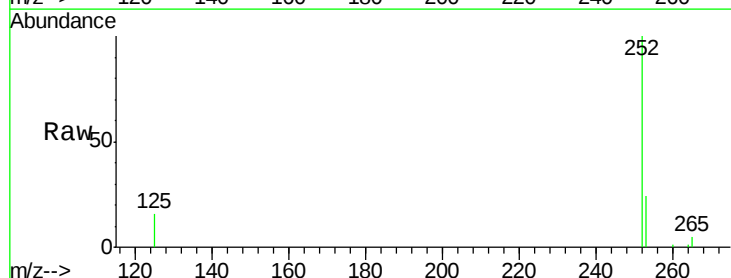
Tgt Ion:252 Resp: 5775

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.4

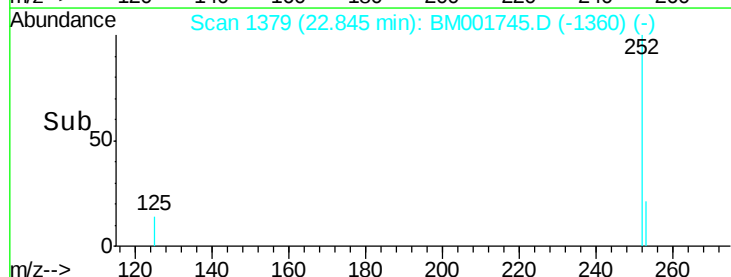
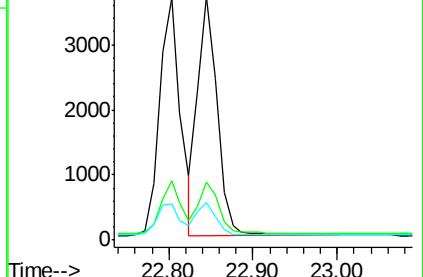
125 15.7 11.8 17.6



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: 0.46 ng

RT: 23.38 min Scan# 1430

Delta R.T. 0.01 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

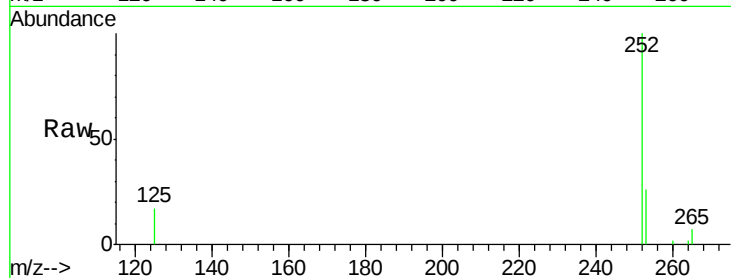
Tgt Ion:252 Resp: 5311

Ion Ratio Lower Upper

252 100

253 25.8 17.9 26.9

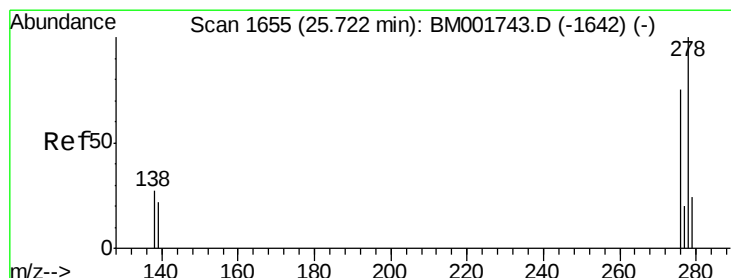
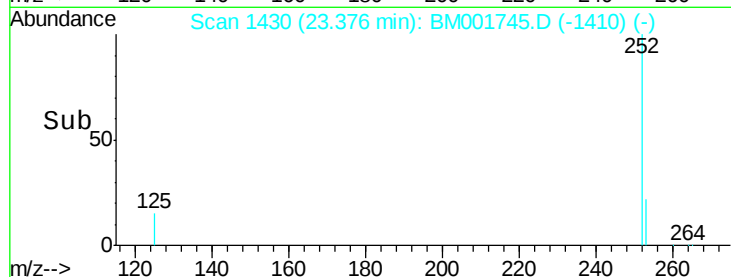
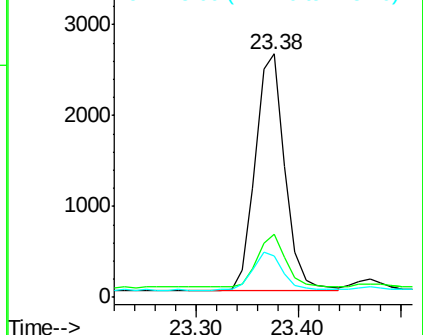
125 17.1 14.1 21.1



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: 0.53 ng

RT: 25.72 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BM001745.D

Acq: 18 Jun 2015 20:11

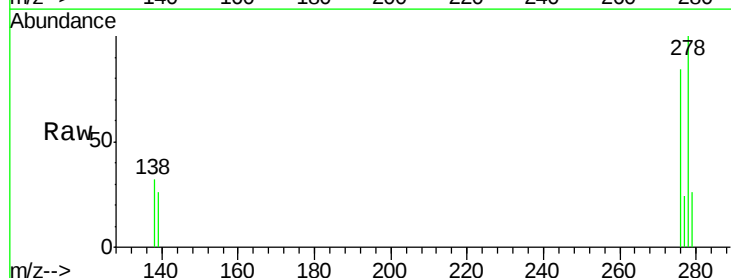
Tgt Ion:278 Resp: 5291

Ion Ratio Lower Upper

278 100

139 25.6 18.4 27.6

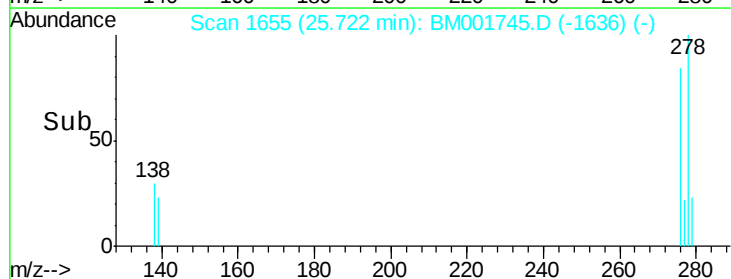
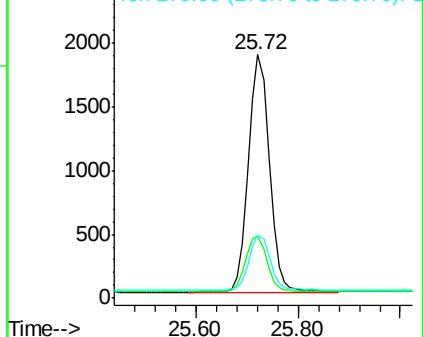
279 25.8 19.8 29.8



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: 0.52 ng

RT: 26.39 min Scan# 1719

Delta R.T. 0.00 min

Lab File: BM001745.D

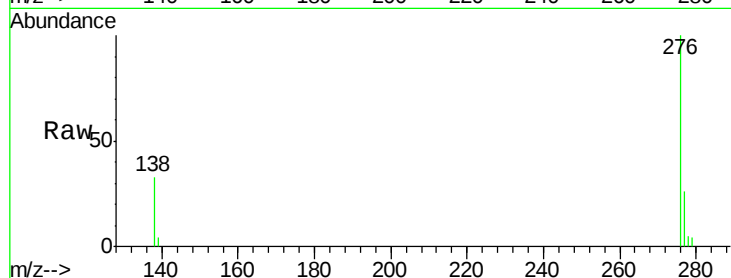
Acq: 18 Jun 2015 20:11

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5



Tgt Ion: 276 Resp: 5613

Ion Ratio Lower Upper

276 100

277 25.8 19.3 28.9

138 33.2 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

