

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051815\
 Data File : BM001329.D
 Acq On : 15 May 2015 15:56
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Quant Time: May 16 01:50:29 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 16 01:36:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	14369	5.00	ng	0.00
6) Naphthalene-d8	10.22	136	50550	5.00	ng	0.00
12) Acenaphthene-d10	14.12	164	25982	5.00	ng	0.00
18) Phenanthrene-d10	16.85	188	76993	5.00	ng	0.00
24) Chrysene-d12	21.07	240	46216	5.00	ng	0.00
30) Perylene-d12	23.18	264	43730	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.02	112	2741	0.98	ng	0.00
5) Phenol-d6	6.63	99	3016	0.95	ng	0.00
7) Nitrobenzene-d5	8.60	82	2551	0.90	ng	0.00
13) 2,4,6-Tribromophenol	15.63	330	560	0.71	ng	0.03
14) 2-Fluorobiphenyl	12.73	172	7813	0.97	ng	0.00
26) Terphenyl-d14	19.51	244	5776	0.93	ng	0.00

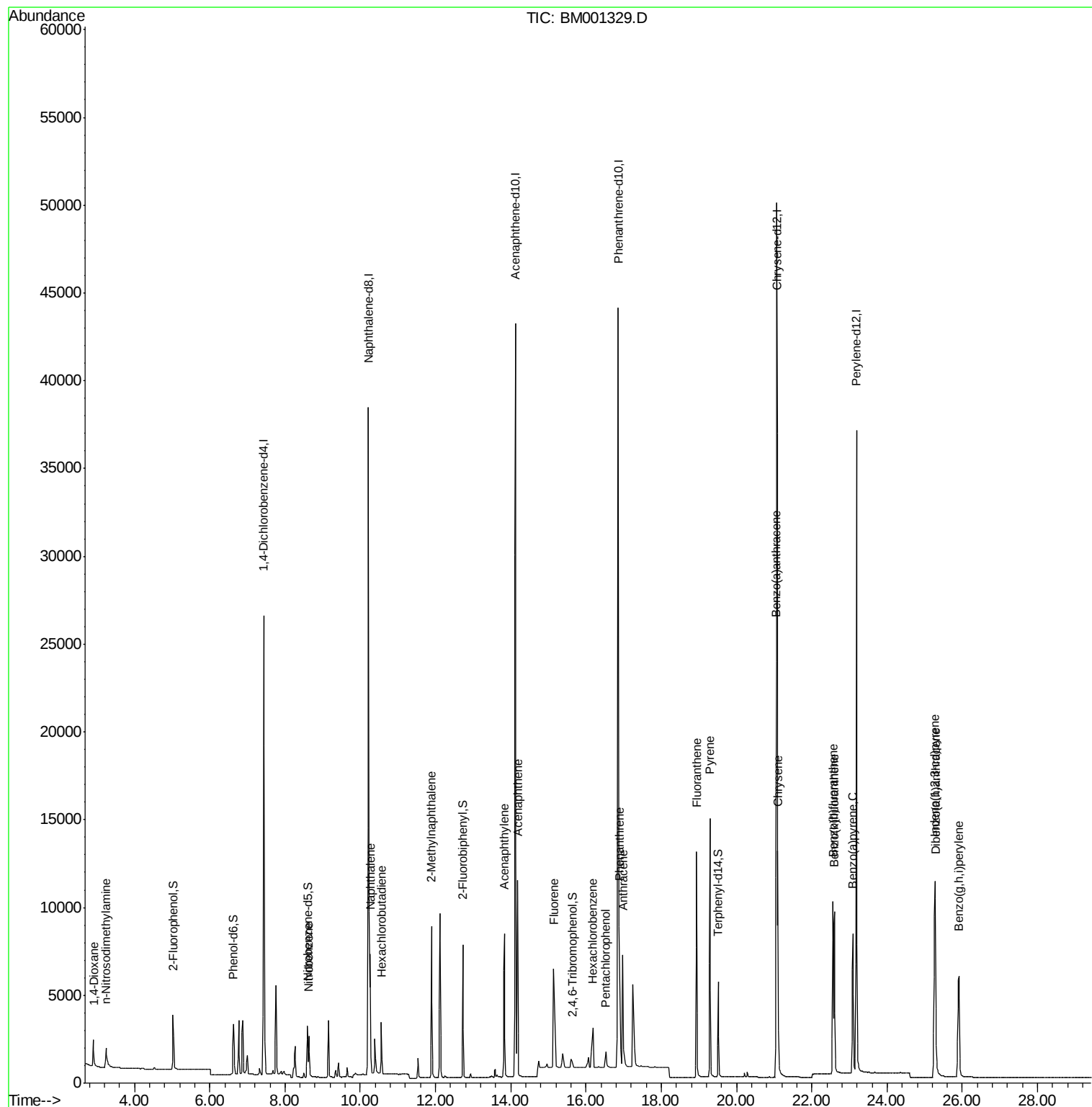
Target Compounds						Qvalue
2) 1,4-Dioxane	2.92	88	1437	0.65	ng	# 69
3) n-Nitrosodimethylamine	3.24	42	1453	0.89	ng	# 98
8) Nitrobenzene	8.64	77	2598	0.87	ng	99
9) Naphthalene	10.27	128	10294	0.96	ng	98
10) Hexachlorobutadiene	10.56	225	2032	0.97	ng	99
11) 2-Methylnaphthalene	11.90	142	6588	0.94	ng	90
15) Acenaphthylene	13.83	152	10027	0.94	ng	100
16) Acenaphthene	14.18	154	6481	0.95	ng	98
17) Fluorene	15.14	166	5472	0.88	ng	84
19) Hexachlorobenzene	16.18	284	3397	0.69	ng	# 85
20) Pentachlorophenol	16.52	266	703	0.87	ng	93
21) Phenanthrene	16.88	178	11327	0.97	ng	# 98
22) Anthracene	16.98	178	10523	0.92	ng	# 97
23) Fluoranthene	18.93	202	12706	0.69	ng	100
25) Pyrene	19.30	202	13320	0.93	ng	100
27) Benzo(a)anthracene	21.06	228	11693	0.93	ng	96
28) Chrysene	21.10	228	12272	0.97	ng	91
29) Indeno(1,2,3-cd)pyrene	25.27	276	13246	1.02	ng	100
31) Benzo(b)fluoranthene	22.56	252	12655	0.99	ng	97
32) Benzo(k)fluoranthene	22.60	252	10887	0.89	ng	98
33) Benzo(a)pyrene	23.09	252	10450	0.94	ng	97
34) Dibenzo(a,h)anthracene	25.28	278	10281	0.99	ng	99
35) Benzo(g,h,i)perylene	25.90	276	11243	0.98	ng	99

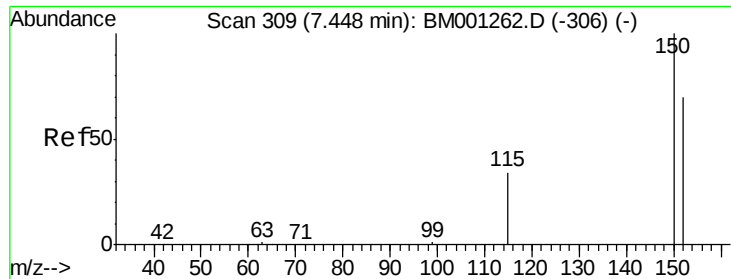
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.43 min Scan# 308

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

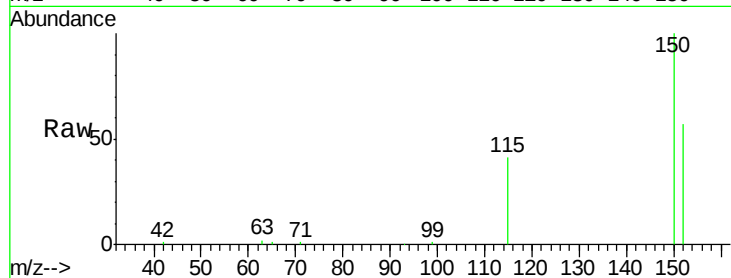
Tgt Ion: 152 Resp: 14369

Ion Ratio Lower Upper

152 100

150 174.5 114.6 172.0#

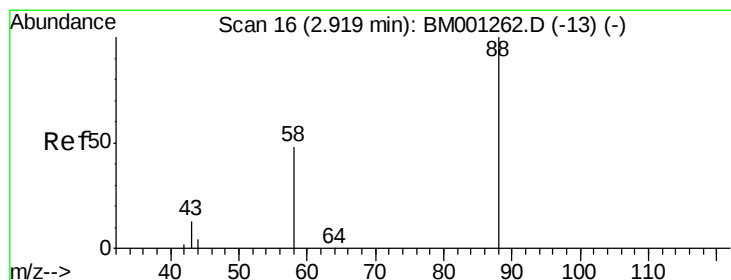
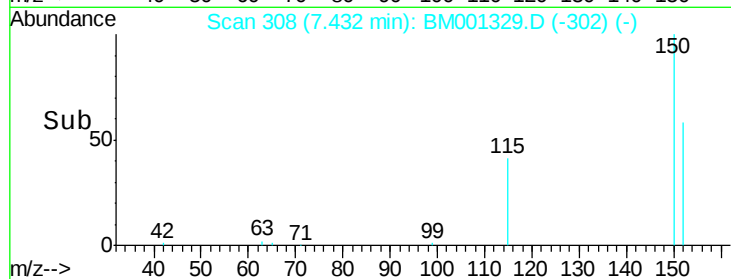
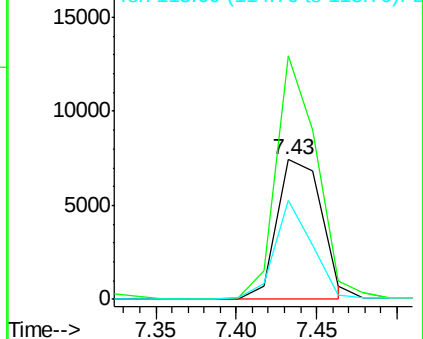
115 71.1 39.3 58.9#



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: 0.65 ng

RT: 2.92 min Scan# 16

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

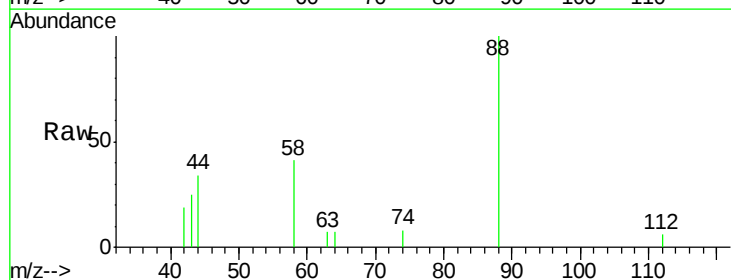
Tgt Ion: 88 Resp: 1437

Ion Ratio Lower Upper

88 100

58 71.6 39.0 58.6#

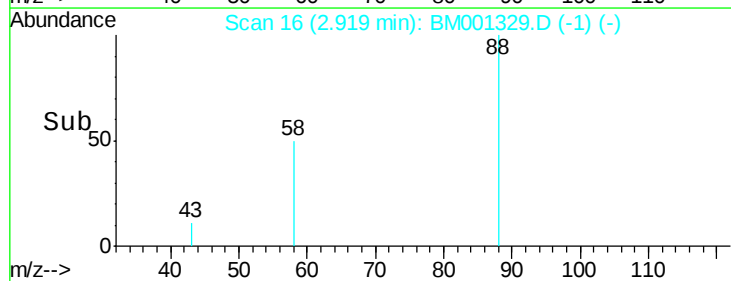
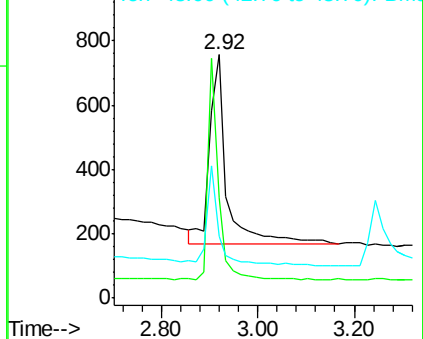
43 38.6 20.2 30.2#



Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.89 ng

RT: 3.24 min Scan# 37

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

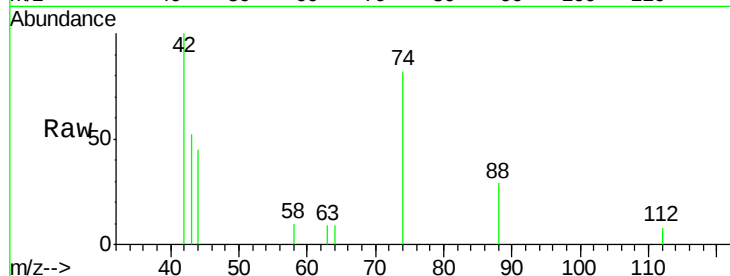
Tgt Ion: 42 Resp: 1453

Ion Ratio Lower Upper

42 100

74 104.3 82.1 123.1

44 5.7 3.0 4.4#



Abundance Ion 42.00 (41.70 to 42.70): BM001262.D (-33) (-)

Ion 74.00 (73.70 to 74.70): BM001262.D (-33) (-)

Ion 44.00 (43.70 to 44.70): BM001262.D (-33) (-)

3.24

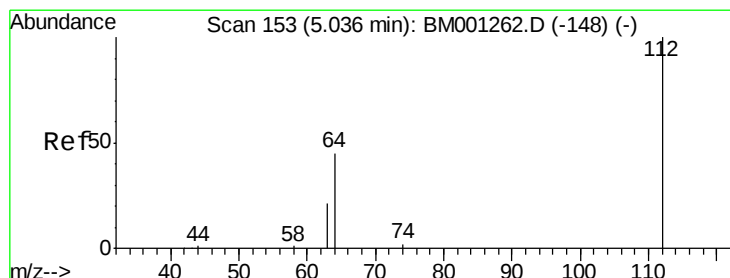
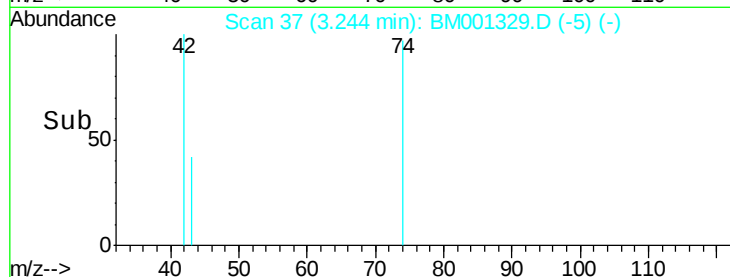
600

400

200

0

Time-->



#4

2-Fluorophenol

Concen: 0.98 ng

RT: 5.02 min Scan# 152

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

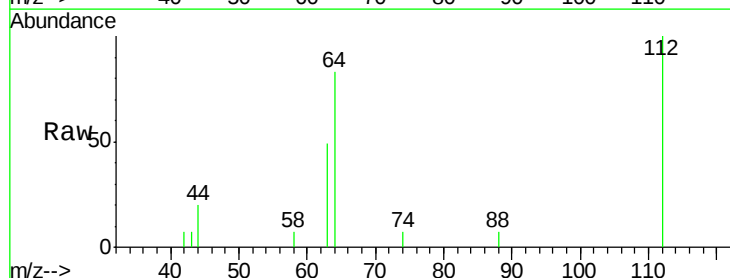
Tgt Ion: 112 Resp: 2741

Ion Ratio Lower Upper

112 100

64 63.8 50.8 76.2

63 35.3 28.2 42.4



Abundance Ion 112.00 (111.70 to 112.70): BM001262.D (-148) (-)

Ion 64.00 (63.70 to 64.70): BM001262.D (-148) (-)

Ion 63.00 (62.70 to 63.70): BM001262.D (-148) (-)

5.02

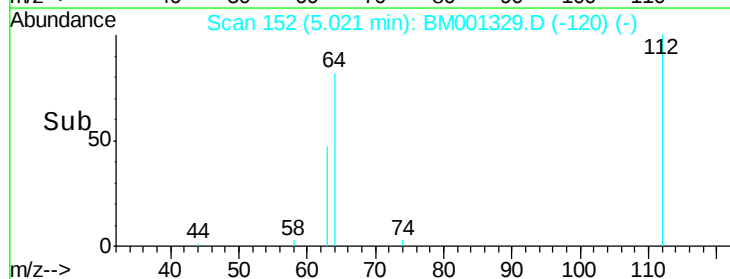
1500

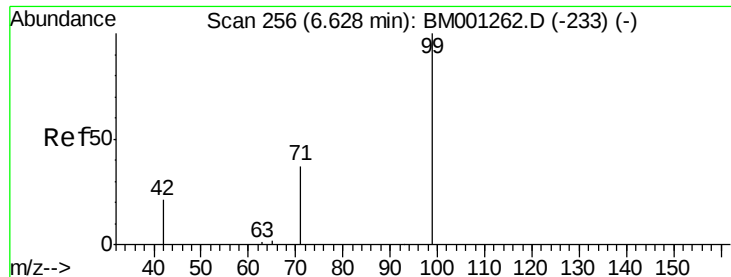
1000

500

0

Time-->





#5

Phenol-d6

Concen: 0.95 ng

RT: 6.63 min Scan# 256

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

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SSTDCCC001EC

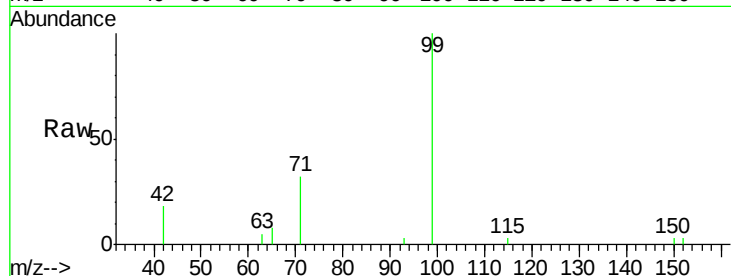
Tgt Ion: 99 Resp: 3016

Ion Ratio Lower Upper

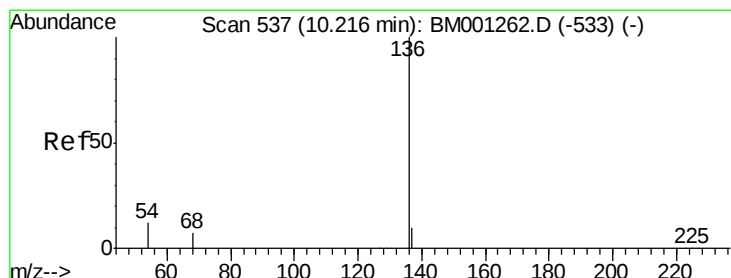
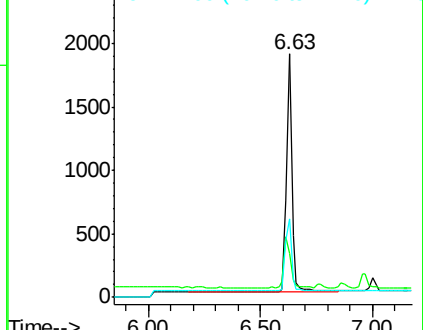
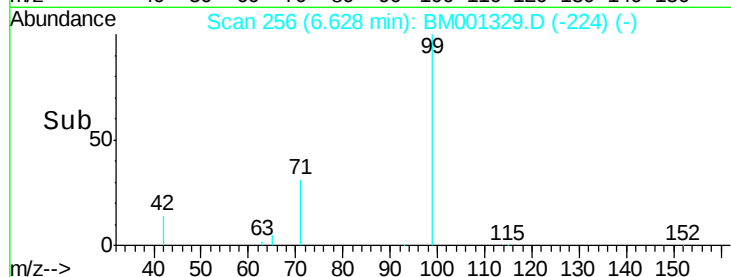
99 100

42 26.1 19.9 29.9

71 35.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM001329.D (-224) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.22 min Scan# 537

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Tgt Ion: 136 Resp: 50550

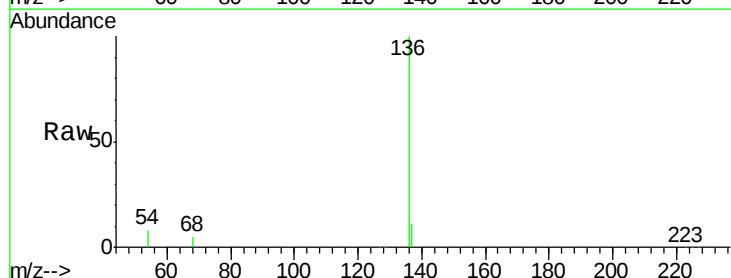
Ion Ratio Lower Upper

136 100

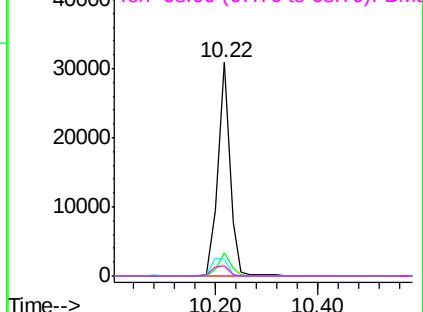
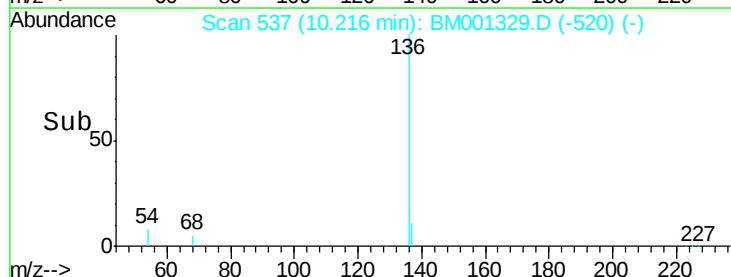
137 11.0 8.2 12.4

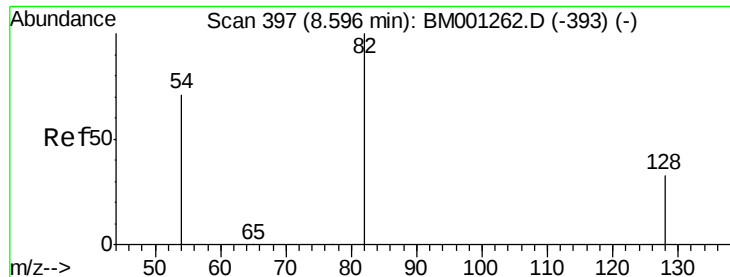
54 7.7 9.5 14.3#

68 4.9 5.5 8.3#



Abundance Ion 136.00 (135.70 to 136.70): BM001329.D (-520) (-)





#7

Nitrobenzene-d5

Concen: 0.90 ng

RT: 8.60 min Scan# 397

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

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ClientSampleId :

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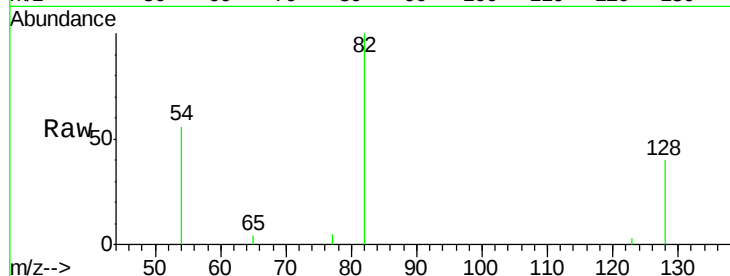
Tgt Ion: 82 Resp: 2551

Ion Ratio Lower Upper

82 100

128 40.4 28.0 42.0

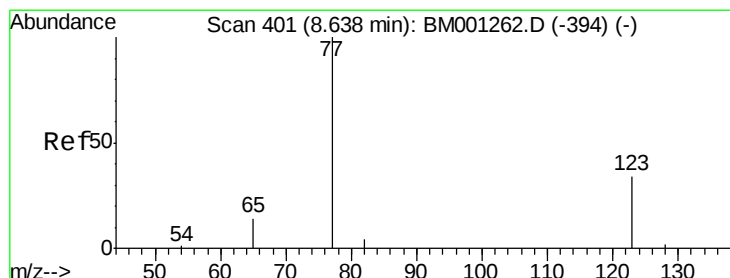
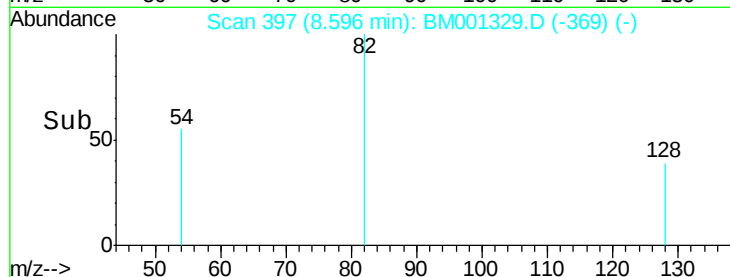
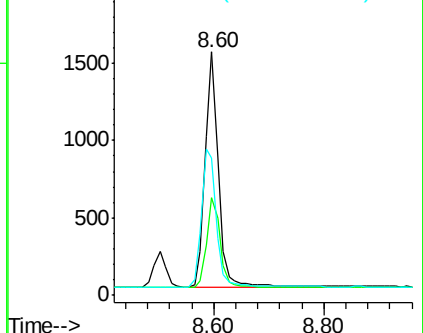
54 56.2 57.3 85.9#



Abundance Ion 82.00 (81.70 to 82.70): BM001329.D (-369) (-)

Ion 128.00 (127.70 to 128.70): BM001329.D (-369) (-)

Ion 54.00 (53.70 to 54.70): BM001329.D (-369) (-)



#8

Nitrobenzene

Concen: 0.87 ng

RT: 8.64 min Scan# 401

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

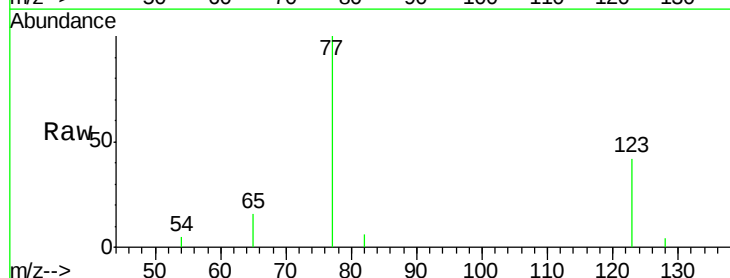
Tgt Ion: 77 Resp: 2598

Ion Ratio Lower Upper

77 100

123 42.0 33.4 50.2

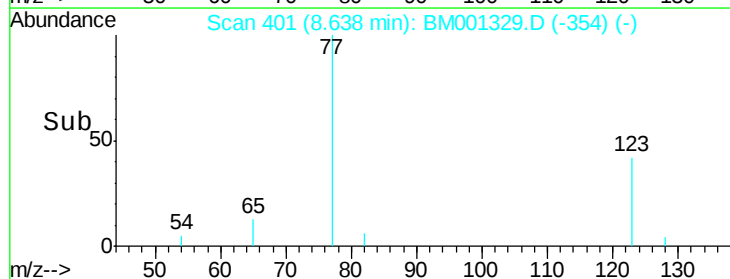
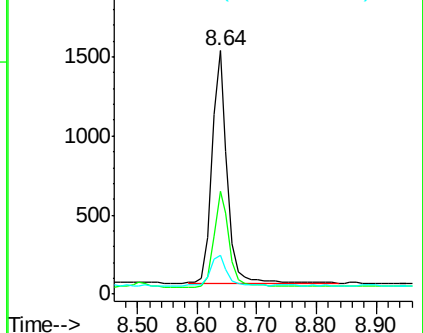
65 14.0 10.6 15.8

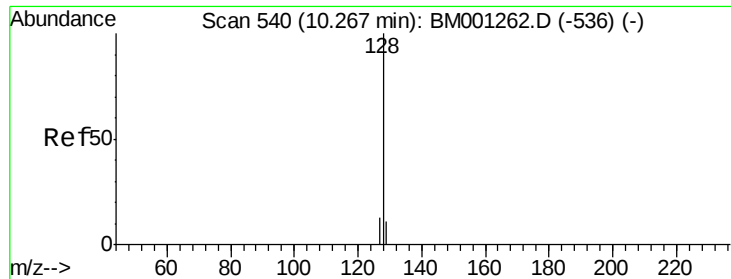


Abundance Ion 77.00 (76.70 to 77.70): BM001329.D (-354) (-)

Ion 123.00 (122.70 to 123.70): BM001329.D (-354) (-)

Ion 65.00 (64.70 to 65.70): BM001329.D (-354) (-)





#9

Naphthalene

Concen: 0.96 ng

RT: 10.27 min Scan# 540

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

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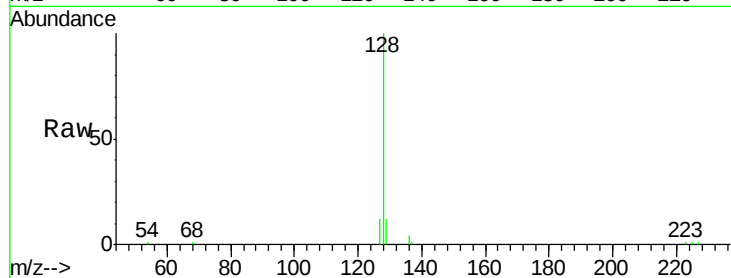
Tgt Ion:128 Resp: 10294

Ion Ratio Lower Upper

128 100

129 12.3 9.1 13.7

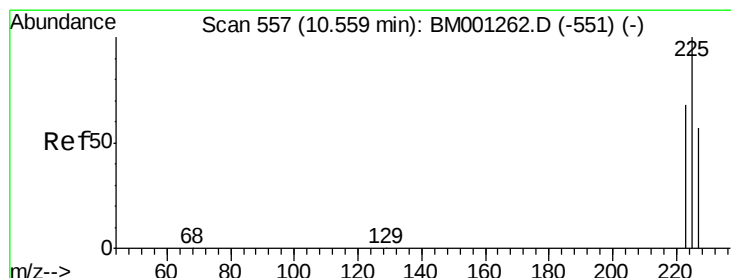
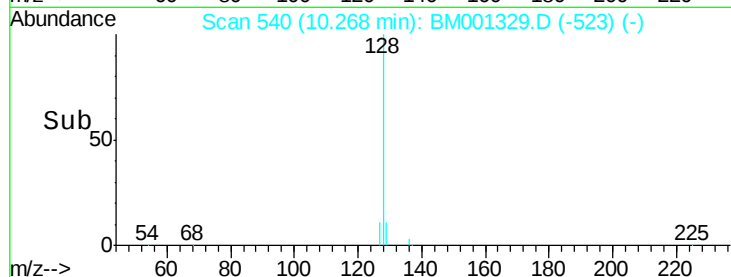
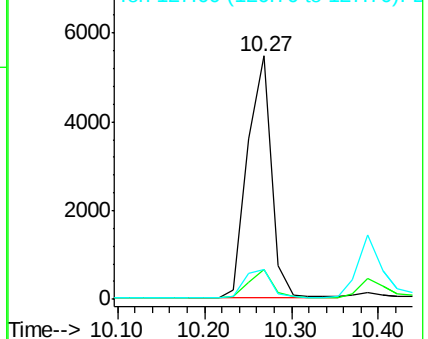
127 12.3 10.6 16.0



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: 0.97 ng

RT: 10.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

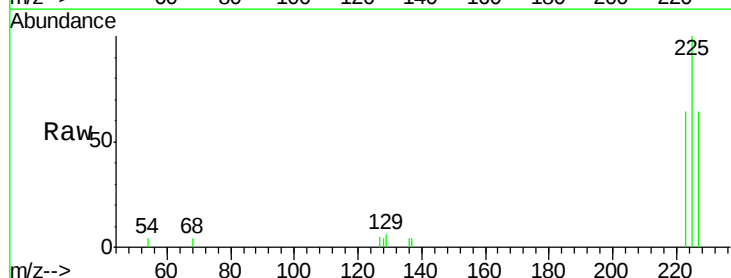
Tgt Ion:225 Resp: 2032

Ion Ratio Lower Upper

225 100

223 62.8 49.6 74.4

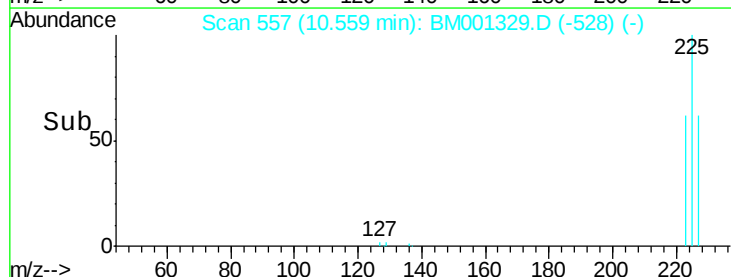
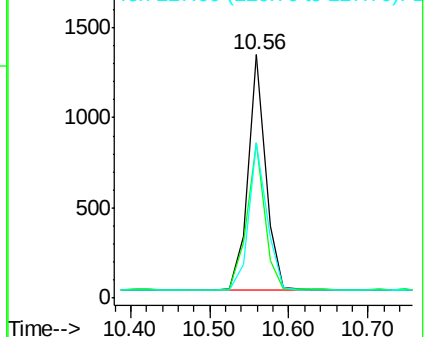
227 64.0 51.4 77.2

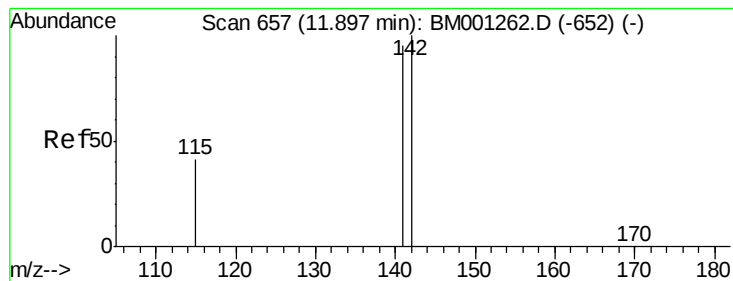


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.94 ng

RT: 11.90 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

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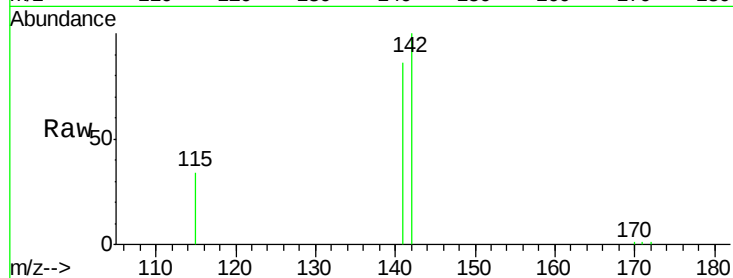
Tgt Ion:142 Resp: 6588

Ion Ratio Lower Upper

142 100

141 86.0 76.1 114.1

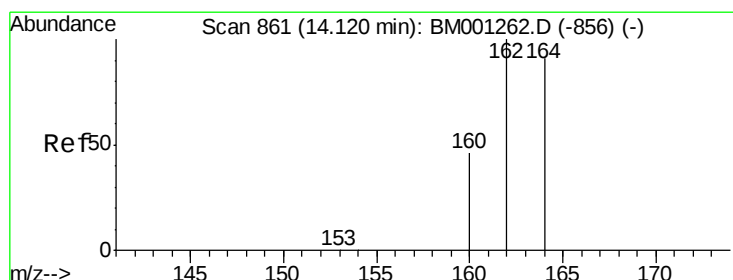
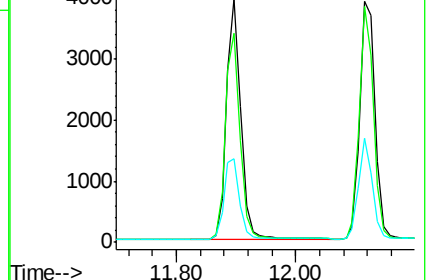
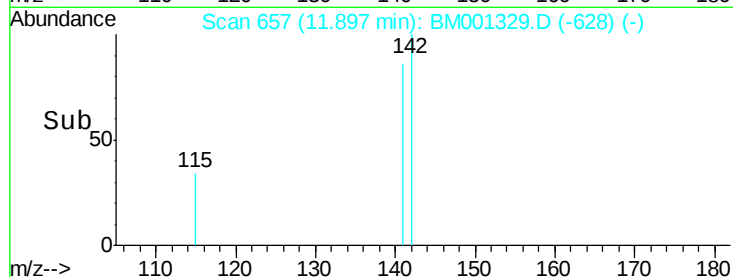
115 34.3 33.1 49.7



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: 14.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

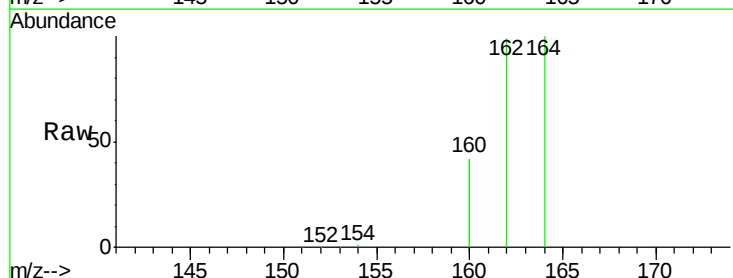
Tgt Ion:164 Resp: 25982

Ion Ratio Lower Upper

164 100

162 99.1 87.9 131.9

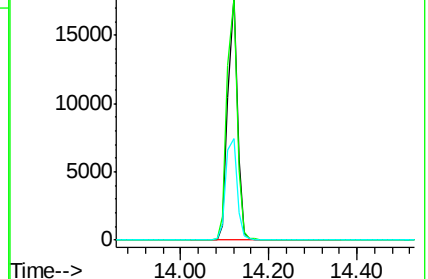
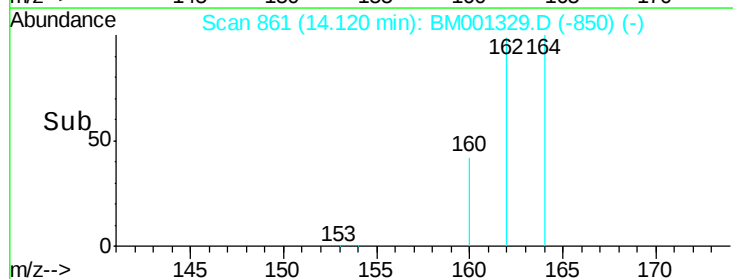
160 41.9 40.9 61.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

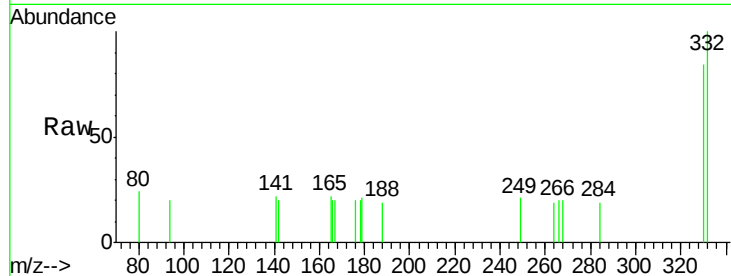




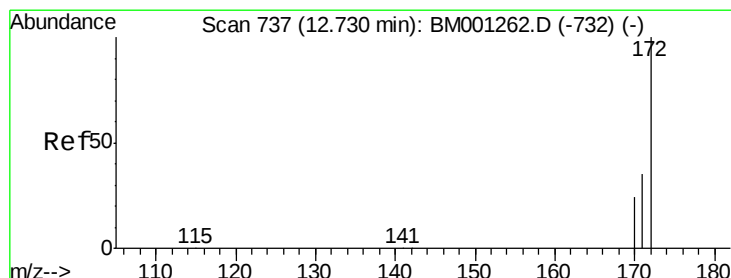
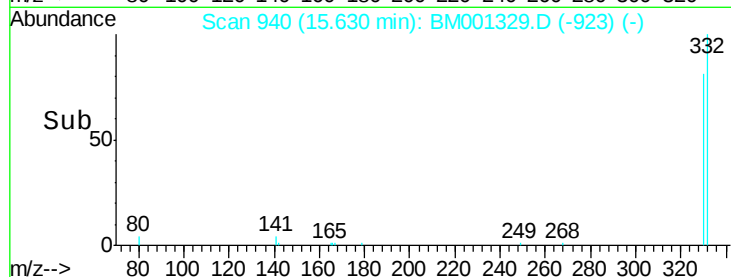
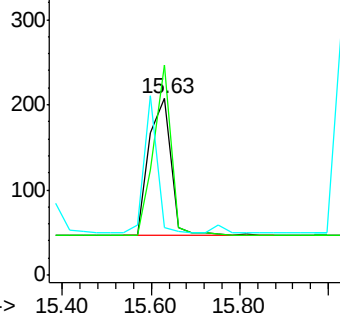
#13
 2,4,6-Tribromophenol
 Concen: 0.71 ng
 RT: 15.63 min Scan# 940
 Delta R.T. 0.03 min
 Lab File: BM001329.D
 Acq: 15 May 2015 15:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001EC

Tgt Ion: 330 Resp: 560
 Ion Ratio Lower Upper
 330 100
 332 98.0 89.0 133.4
 141 0.0 0.0 0.0

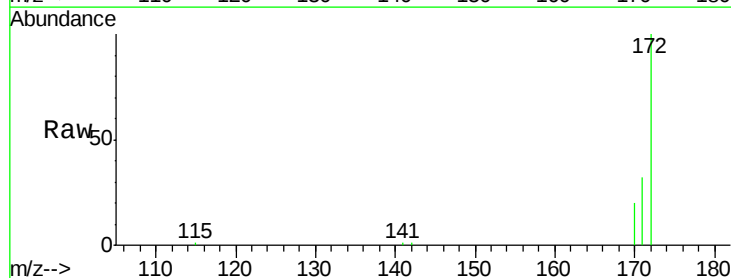


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

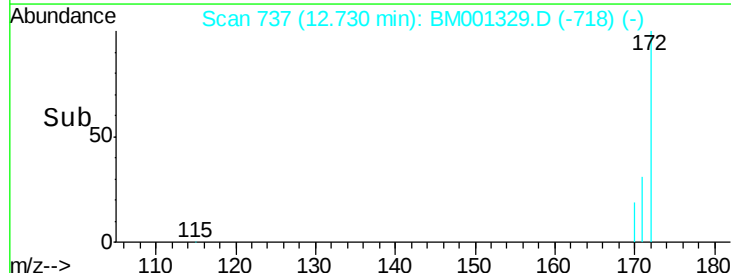
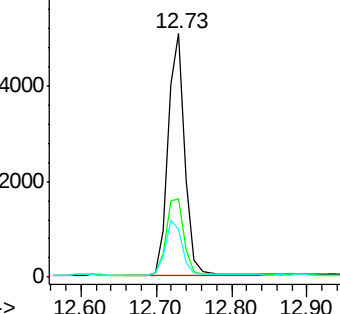


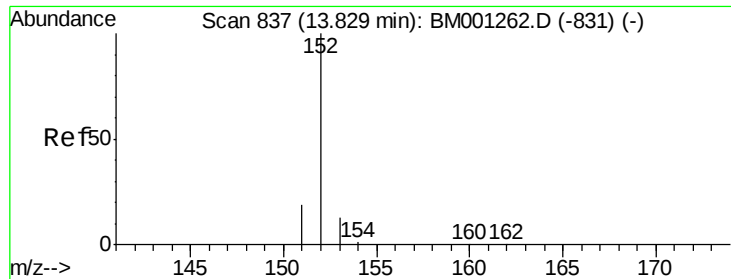
#14
 2-Fluorobiphenyl
 Concen: 0.97 ng
 RT: 12.73 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BM001329.D
 Acq: 15 May 2015 15:56

Tgt Ion: 172 Resp: 7813
 Ion Ratio Lower Upper
 172 100
 171 32.0 28.7 43.1
 170 19.6 19.5 29.3



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





#15

Acenaphthylene

Concen: 0.94 ng

RT: 13.83 min Scan# 837

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

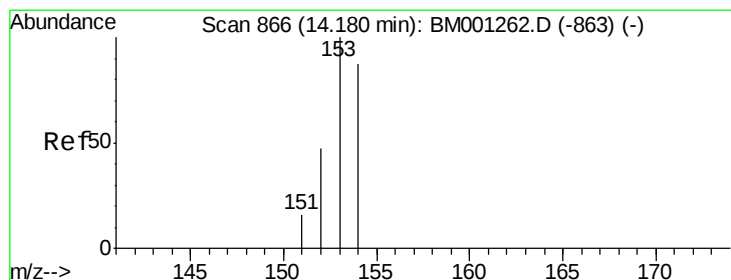
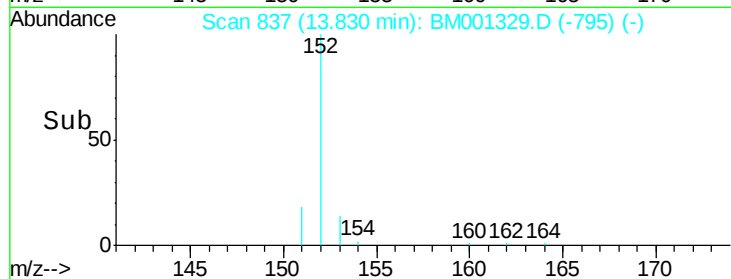
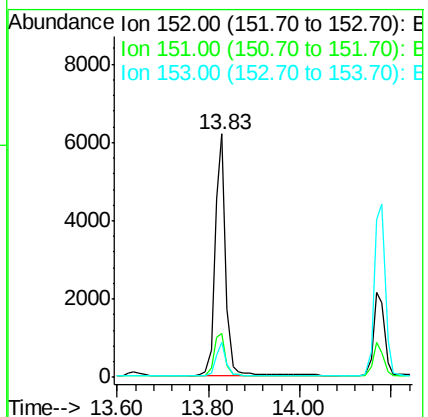
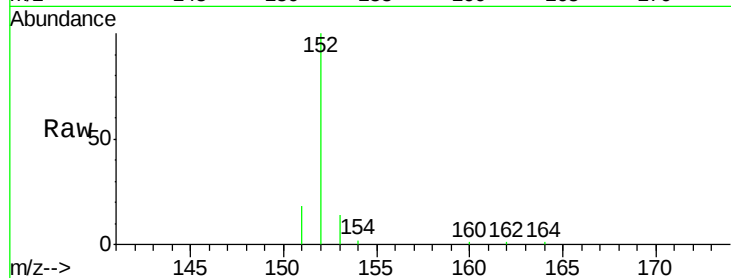
Tgt Ion:152 Resp: 10027

Ion Ratio Lower Upper

152 100

151 18.7 15.0 22.4

153 12.9 10.1 15.1



#16

Acenaphthene

Concen: 0.95 ng

RT: 14.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

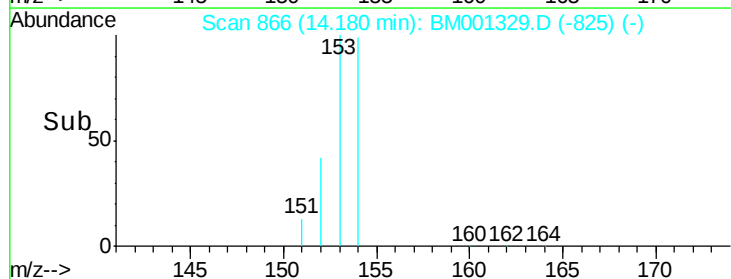
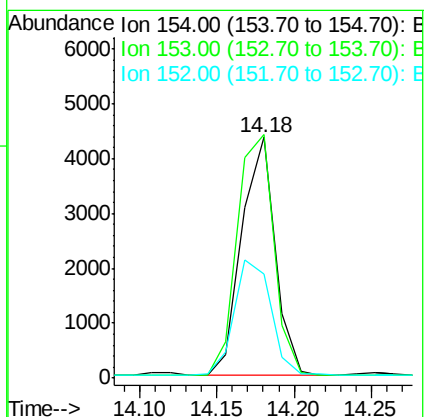
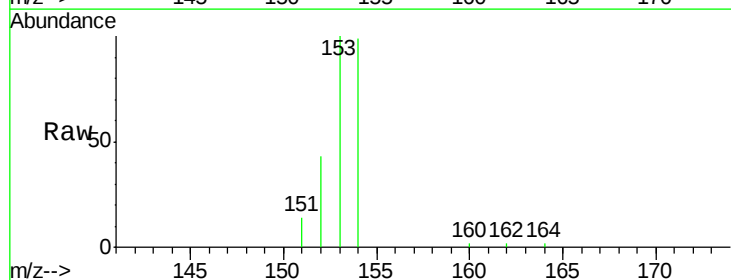
Tgt Ion:154 Resp: 6481

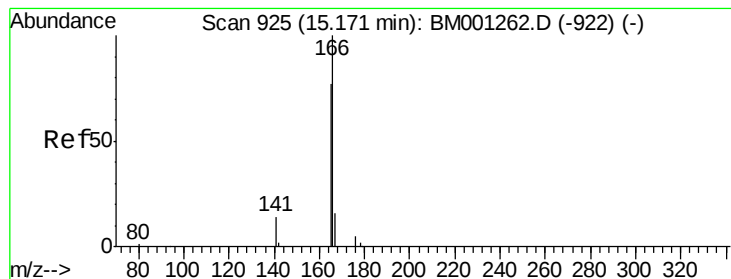
Ion Ratio Lower Upper

154 100

153 112.4 91.4 137.2

152 53.6 44.3 66.5





#17

Fluorene

Concen: 0.88 ng

RT: 15.14 min Scan# 924

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

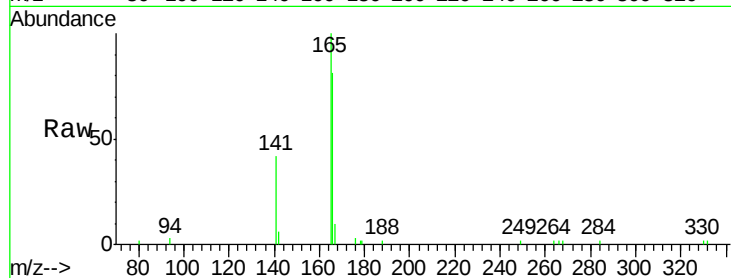
Tgt Ion:166 Resp: 5472

Ion Ratio Lower Upper

166 100

165 104.6 70.6 106.0

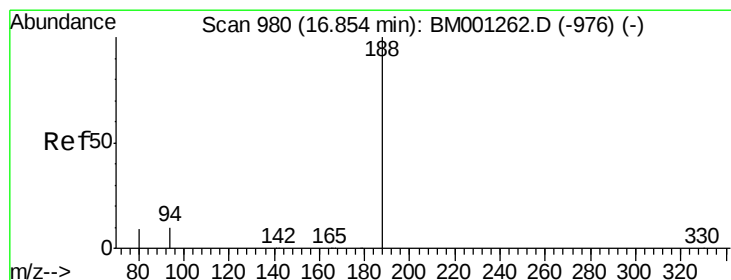
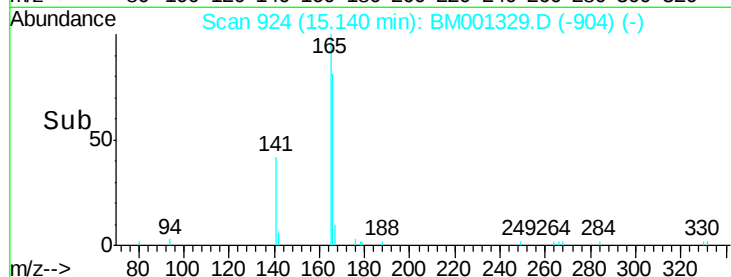
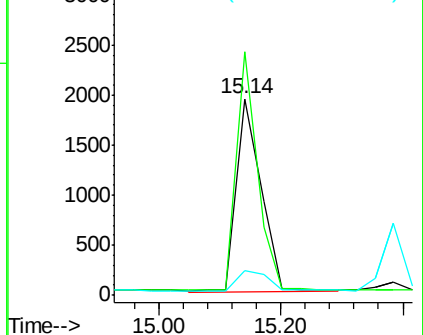
167 12.1 11.3 16.9



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: 16.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

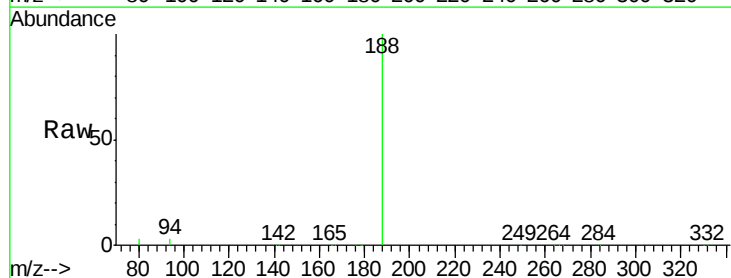
Tgt Ion:188 Resp: 76993

Ion Ratio Lower Upper

188 100

94 3.1 7.8 11.8#

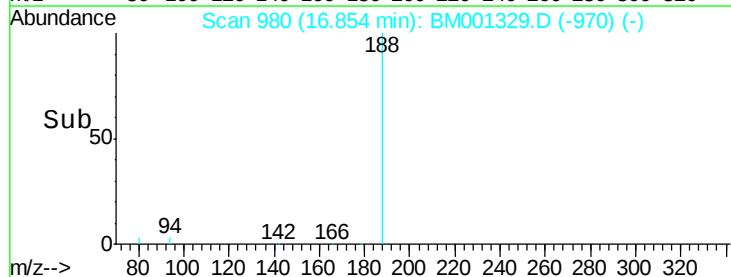
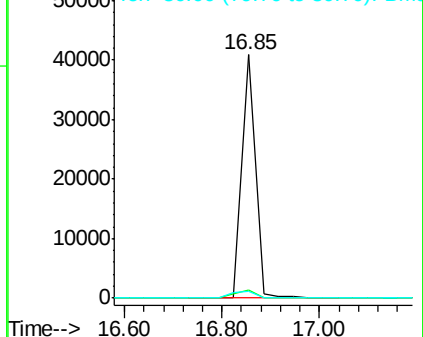
80 2.7 7.5 11.3#



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

Hexachlorobenzene

Concen: 0.69 ng

RT: 16.18 min Scan# 958

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

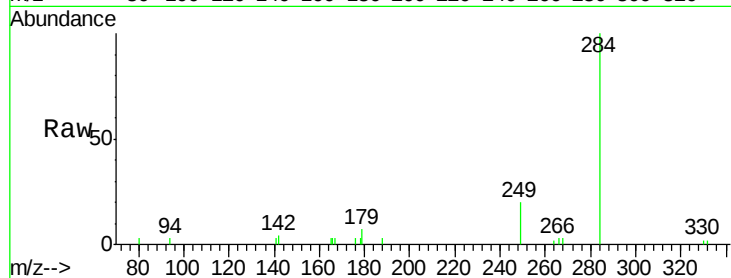
Tgt Ion:284 Resp: 3397

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

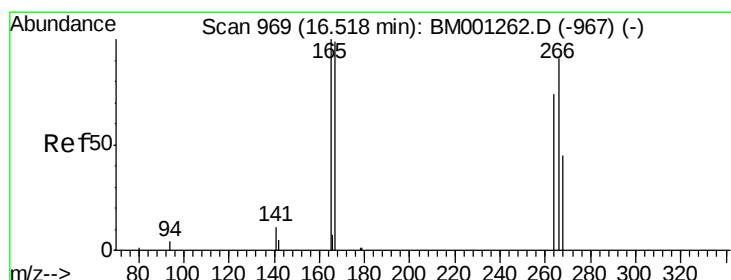
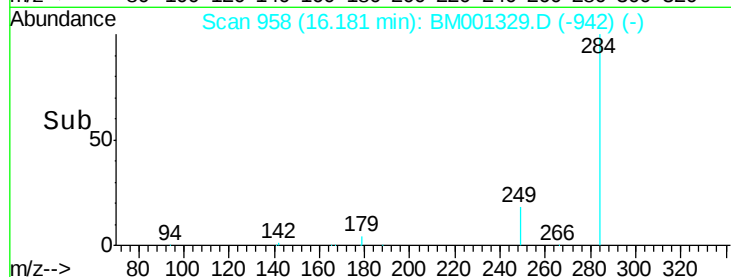
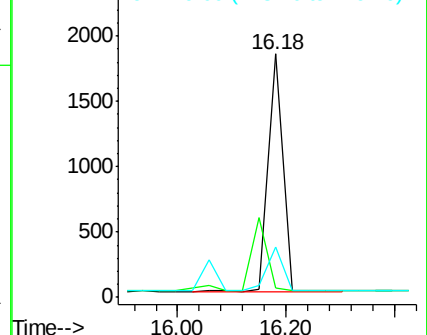
249 20.6 22.7 34.1#



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



#20

Pentachlorophenol

Concen: 0.87 ng

RT: 16.52 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

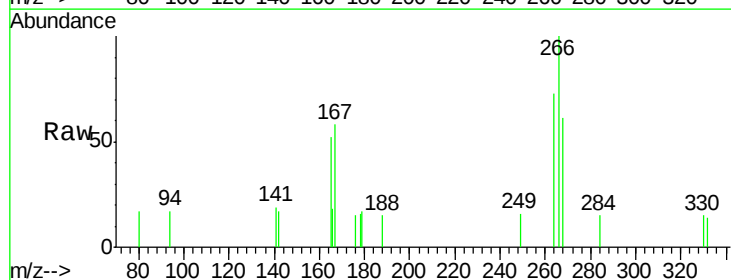
Tgt Ion:266 Resp: 703

Ion Ratio Lower Upper

266 100

268 61.3 49.4 74.0

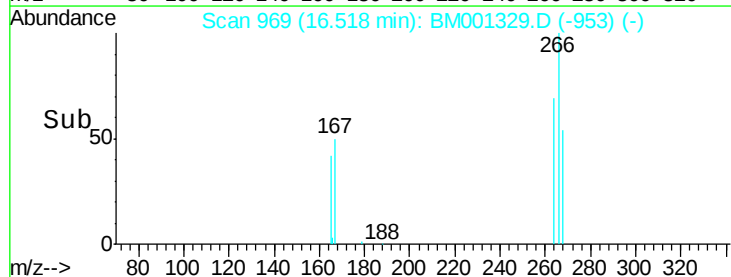
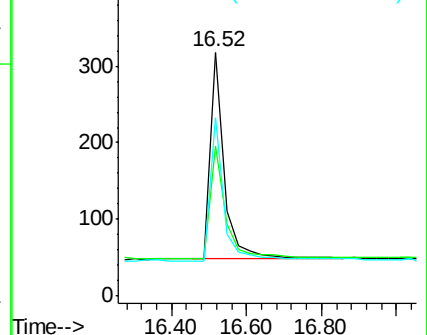
264 73.3 67.8 101.6

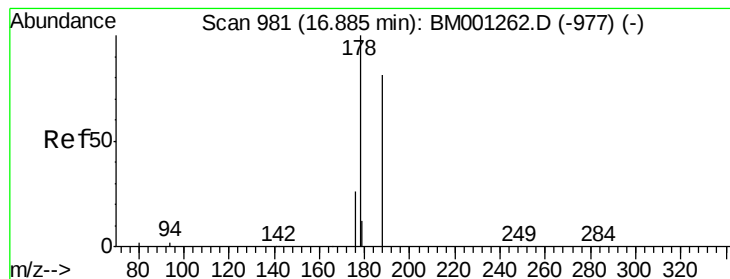


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 0.97 ng

RT: 16.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

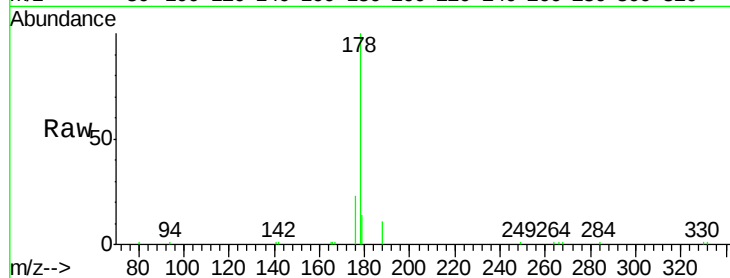
Tgt Ion:178 Resp: 11327

Ion Ratio Lower Upper

178 100

176 21.0 15.9 23.9

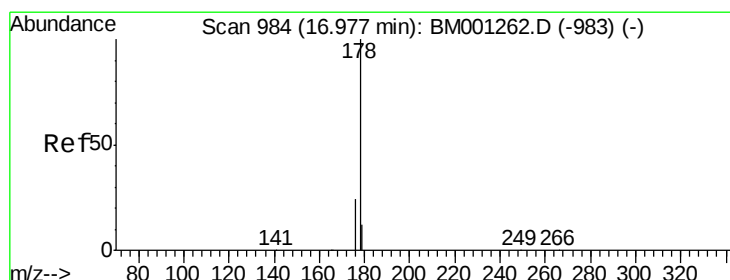
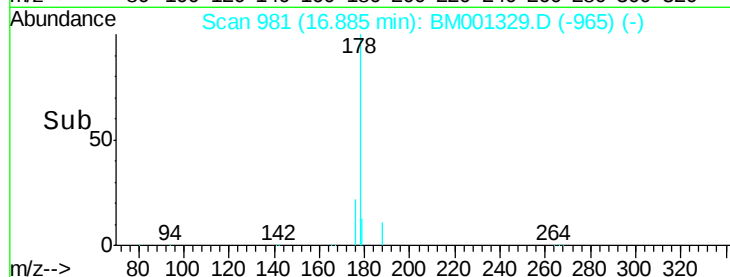
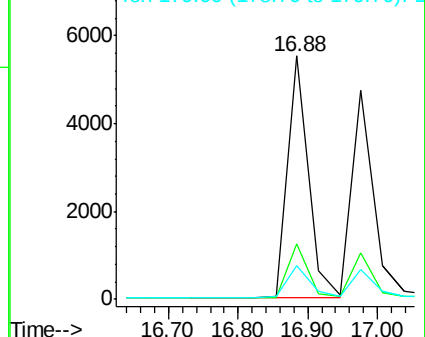
179 14.3 0.0 0.0#



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



#22

Anthracene

Concen: 0.92 ng

RT: 16.98 min Scan# 984

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

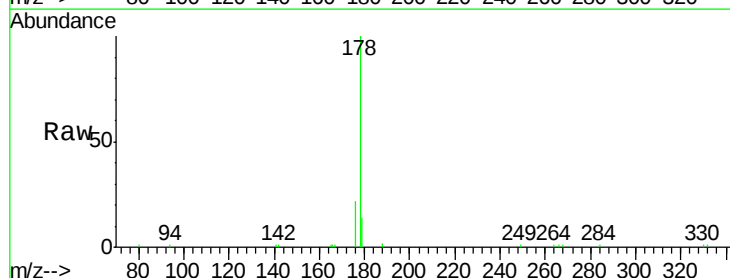
Tgt Ion:178 Resp: 10523

Ion Ratio Lower Upper

178 100

176 20.4 15.3 22.9

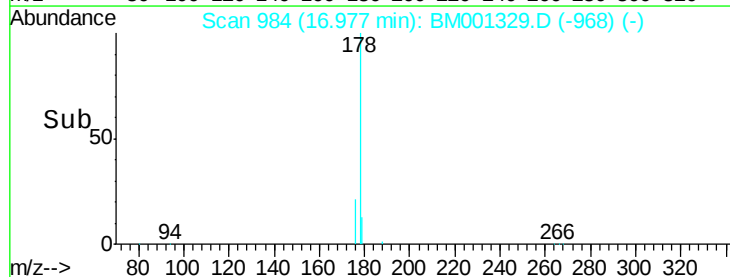
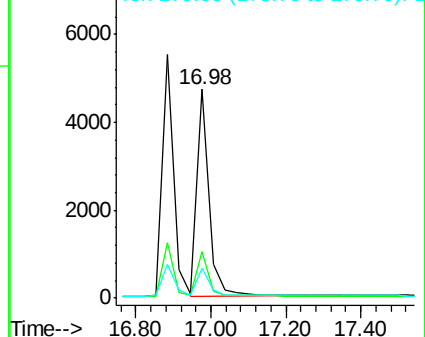
179 13.8 0.0 0.0#

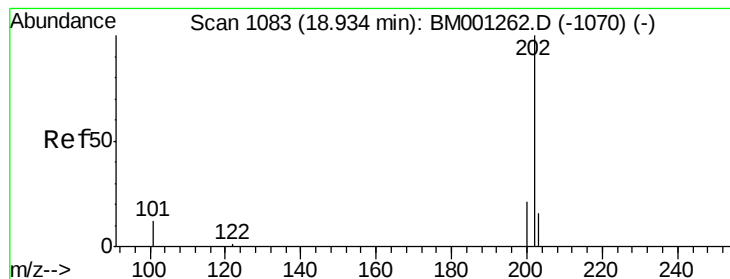


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.69 ng

RT: 18.93 min Scan# 1083

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

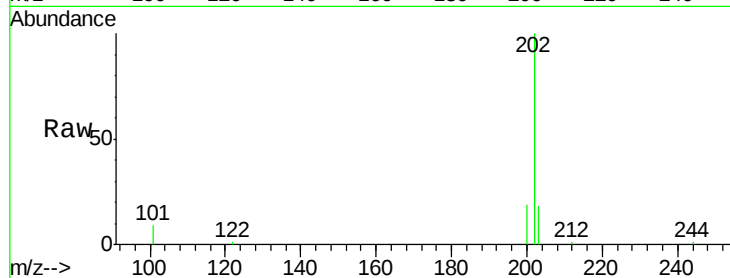
Tgt Ion:202 Resp: 12706

Ion Ratio Lower Upper

202 100

101 11.1 9.1 13.7

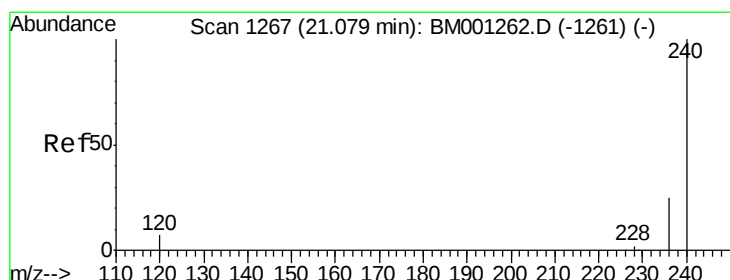
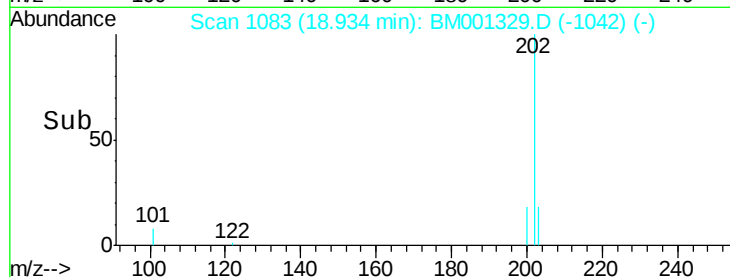
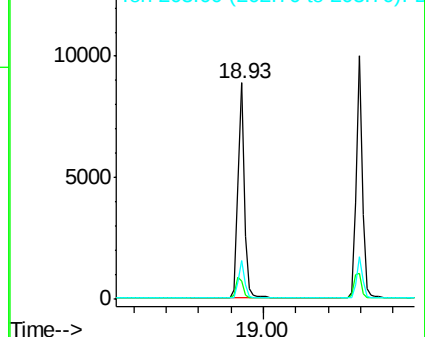
203 17.2 13.8 20.6



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



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.07 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

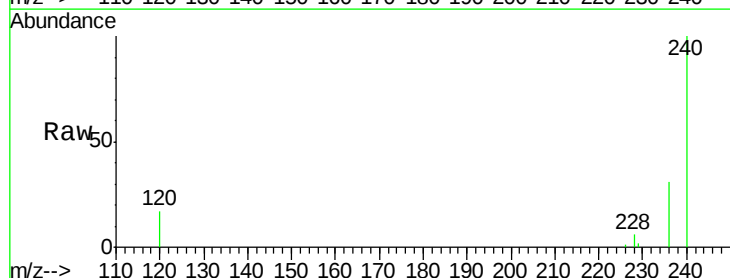
Tgt Ion:240 Resp: 46216

Ion Ratio Lower Upper

240 100

120 17.1 5.5 8.3#

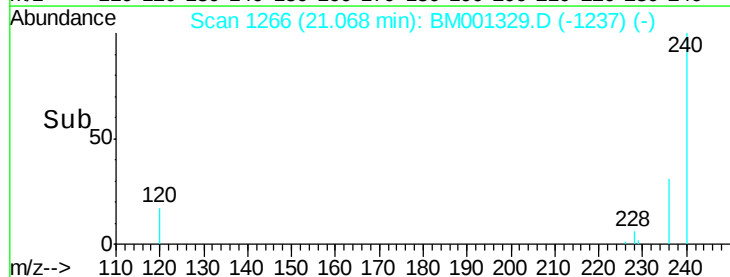
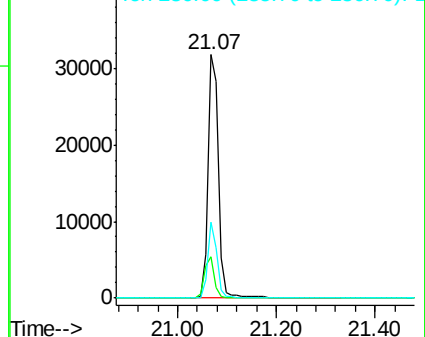
236 31.2 20.4 30.6#

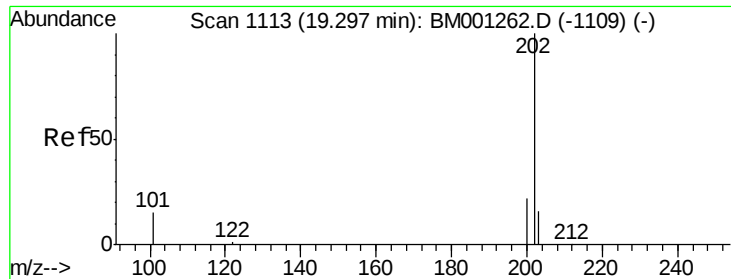


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#25

Pyrene

Concen: 0.93 ng

RT: 19.30 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

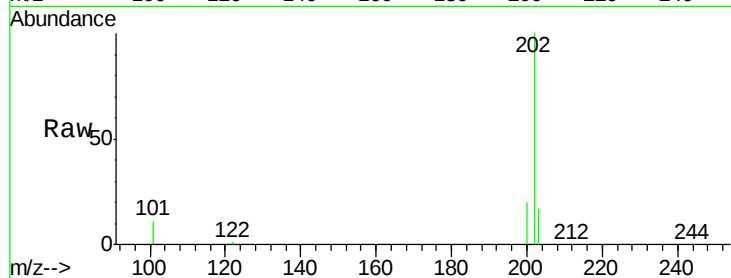
Tgt Ion:202 Resp: 13320

Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

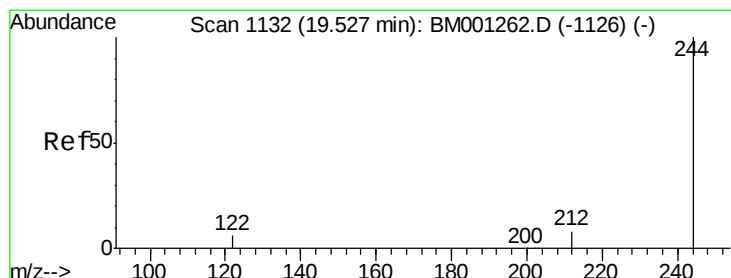
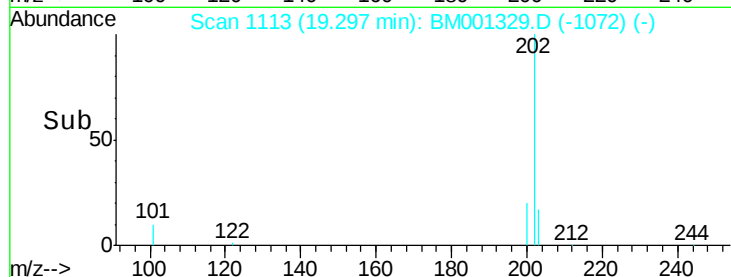
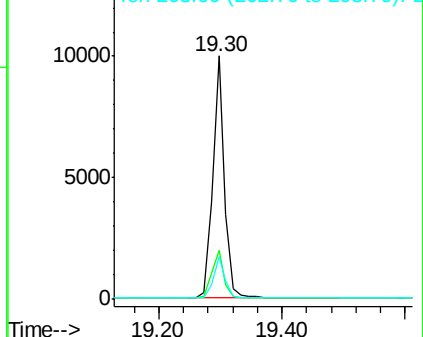
203 17.3 13.9 20.9



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



#26

Terphenyl-d14

Concen: 0.93 ng

RT: 19.51 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

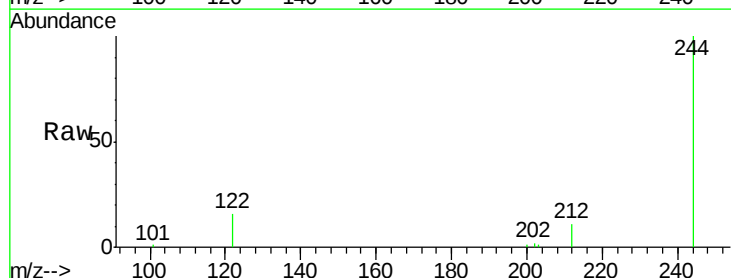
Tgt Ion:244 Resp: 5776

Ion Ratio Lower Upper

244 100

212 10.8 7.2 10.8#

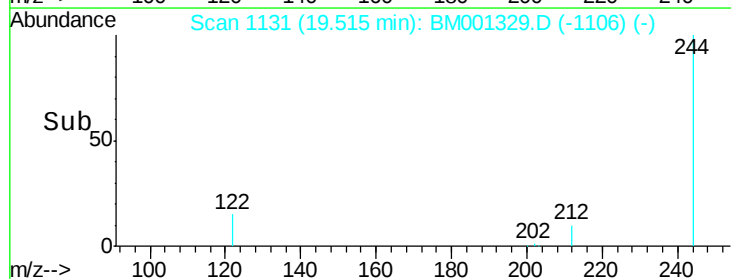
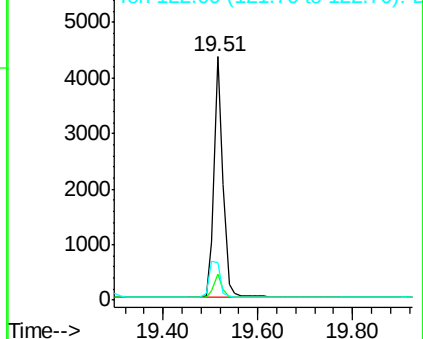
122 15.5 5.6 8.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#27

Benzo(a)anthracene

Concen: 0.93 ng

RT: 21.06 min Scan# 1265

Delta R.T. 0.01 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

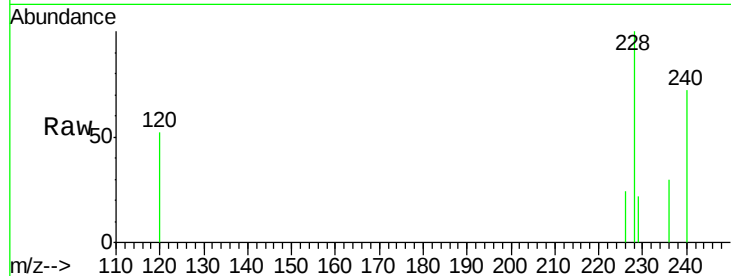
Tgt Ion:228 Resp: 11693

Ion Ratio Lower Upper

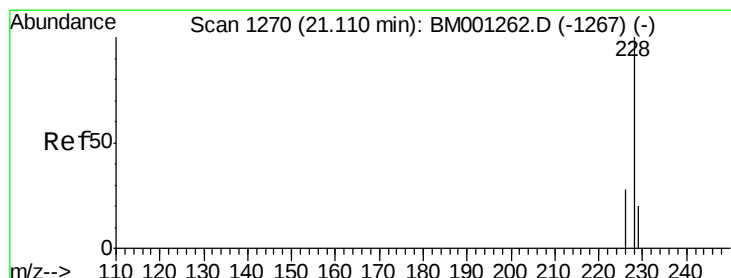
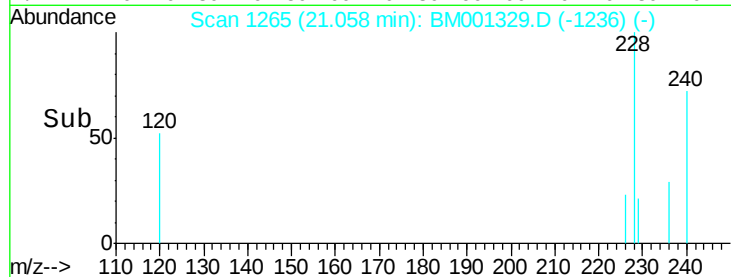
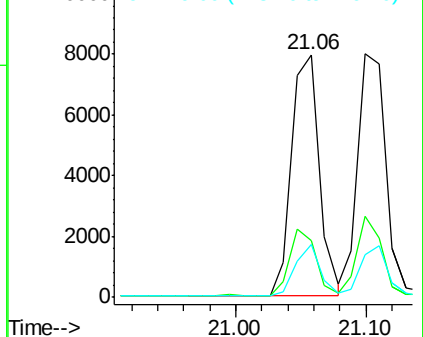
228 100

226 23.6 20.5 30.7

229 21.9 16.2 24.4



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



#28

Chrysene

Concen: 0.97 ng

RT: 21.10 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

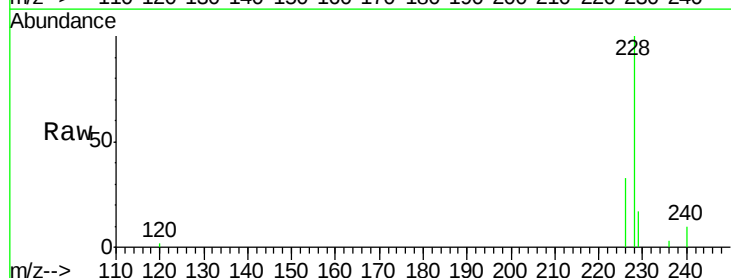
Tgt Ion:228 Resp: 12272

Ion Ratio Lower Upper

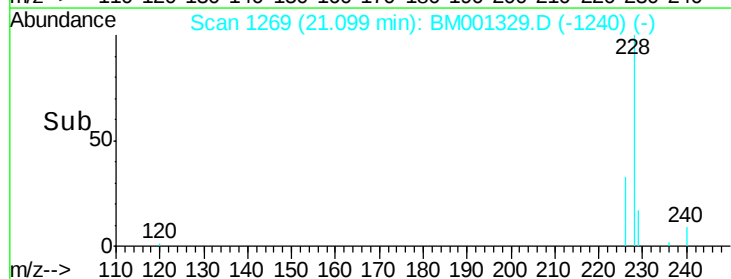
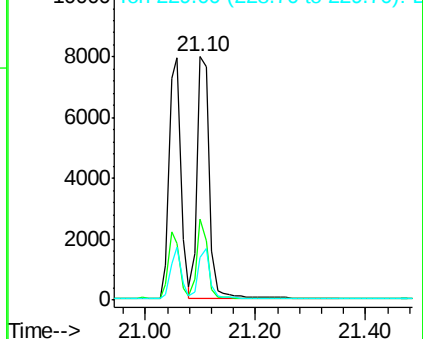
228 100

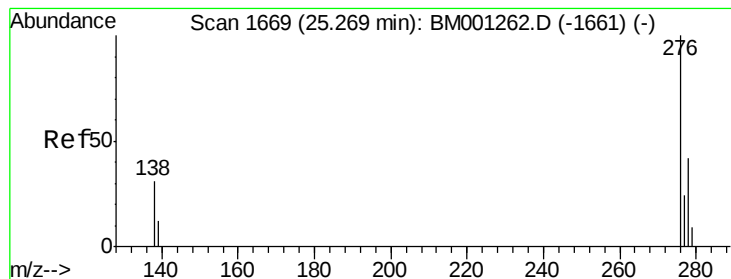
226 33.2 22.2 33.2

229 17.4 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

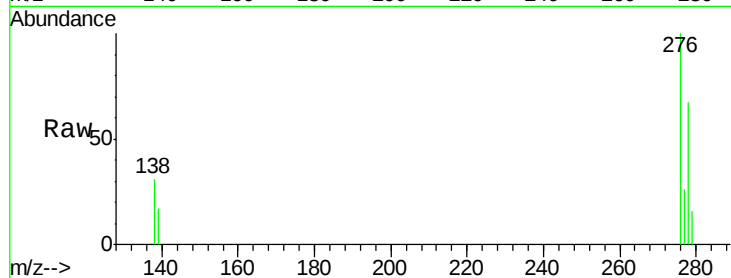




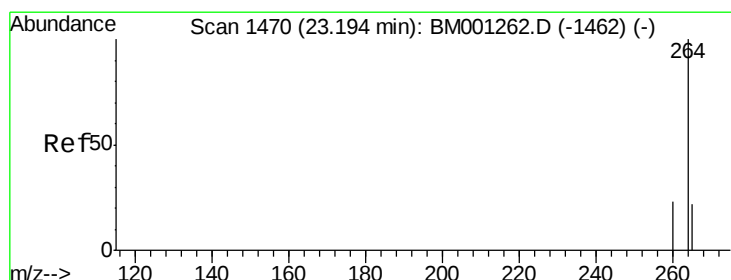
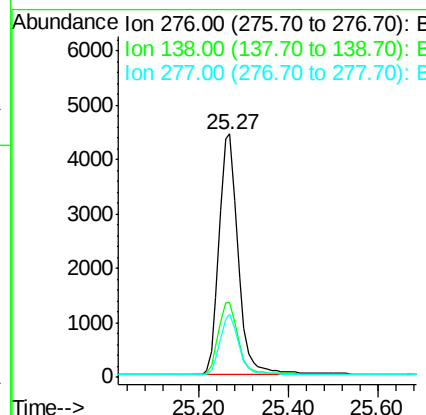
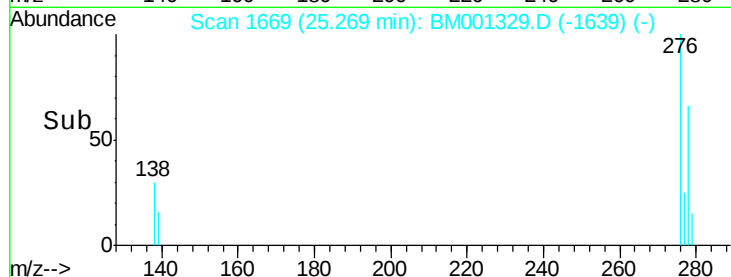
#29
Indeno(1,2,3-cd)pyrene
Concen: 1.02 ng
RT: 25.27 min Scan# 1669
Delta R.T. 0.01 min
Lab File: BM001329.D
Acq: 15 May 2015 15:56

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion: 276 Resp: 13246
Ion Ratio Lower Upper
276 100
138 31.2 24.9 37.3
277 24.4 19.5 29.3

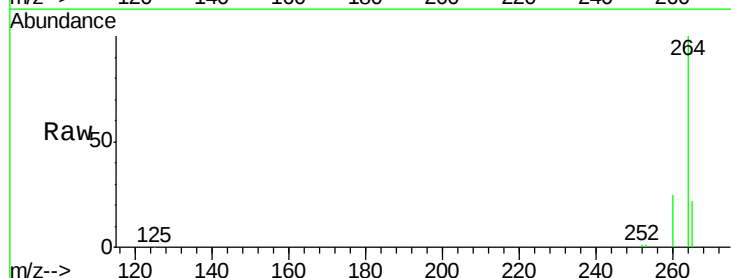


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

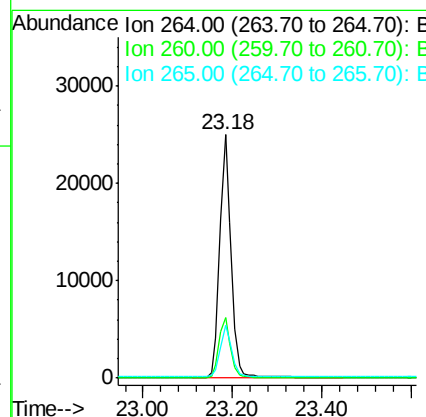
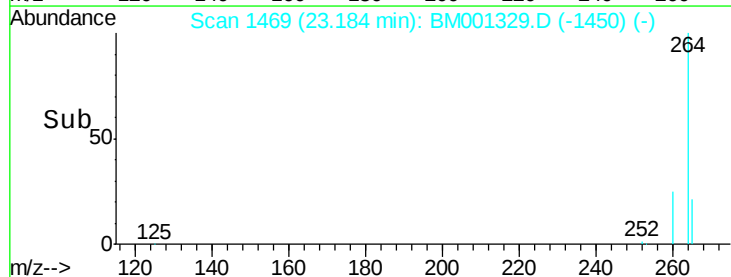


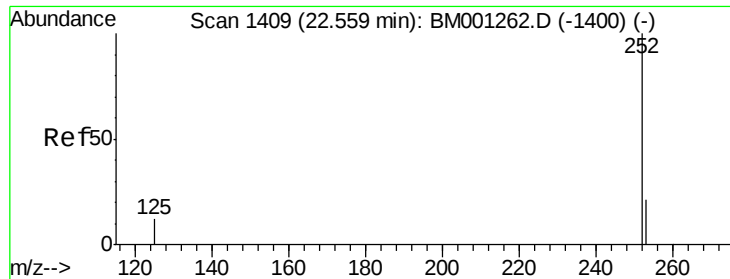
#30
Perylene-d12
Concen: 5.00 ng
RT: 23.18 min Scan# 1469
Delta R.T. 0.00 min
Lab File: BM001329.D
Acq: 15 May 2015 15:56

Tgt Ion: 264 Resp: 43730
Ion Ratio Lower Upper
264 100
260 24.8 18.9 28.3
265 21.7 18.1 27.1



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

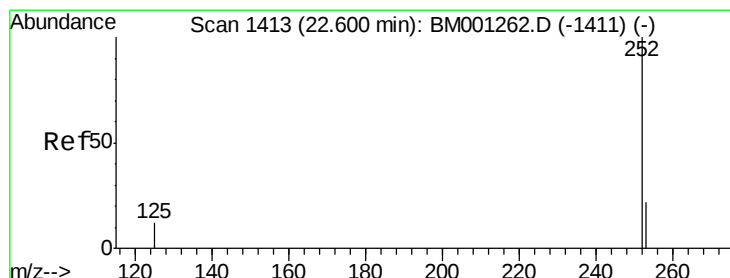
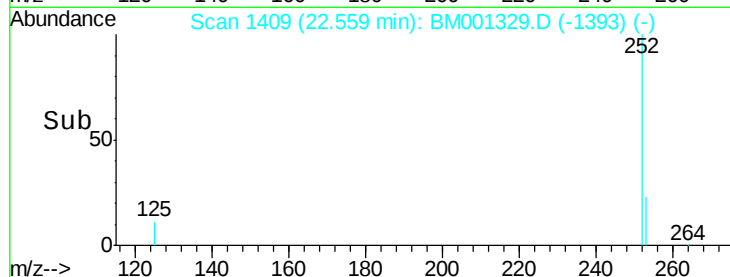
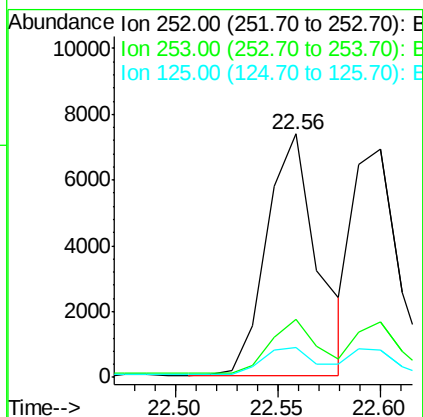
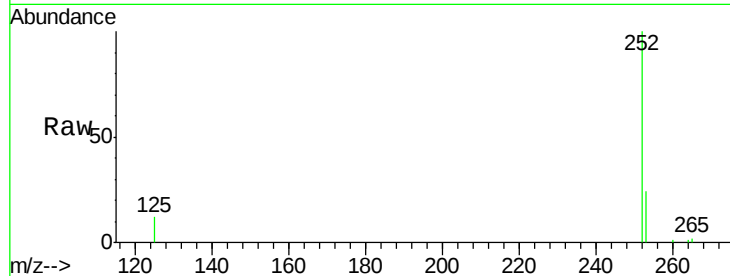




#31
Benzo(b)fluoranthene
Concen: 0.99 ng
RT: 22.56 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BM001329.D
Acq: 15 May 2015 15:56

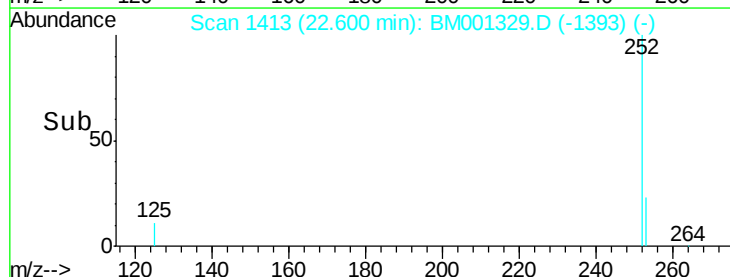
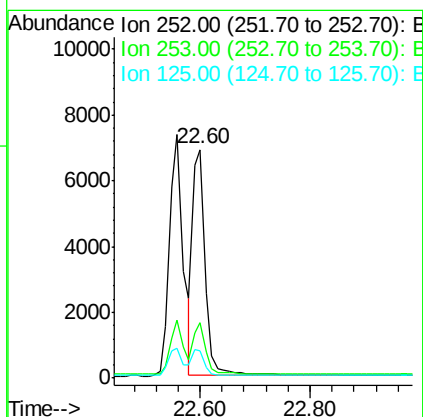
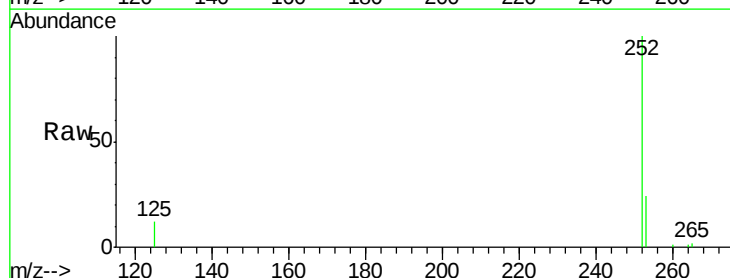
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001EC

Tgt Ion:252 Resp: 12655
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.6
125 12.0 10.4 15.6



#32
Benzo(k)fluoranthene
Concen: 0.89 ng
RT: 22.60 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BM001329.D
Acq: 15 May 2015 15:56

Tgt Ion:252 Resp: 10887
Ion Ratio Lower Upper
252 100
253 24.3 18.6 27.8
125 12.0 10.2 15.4





#33

Benzo(a)pyrene

Concen: 0.94 ng

RT: 23.09 min Scan# 1460

Delta R.T. 0.01 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC

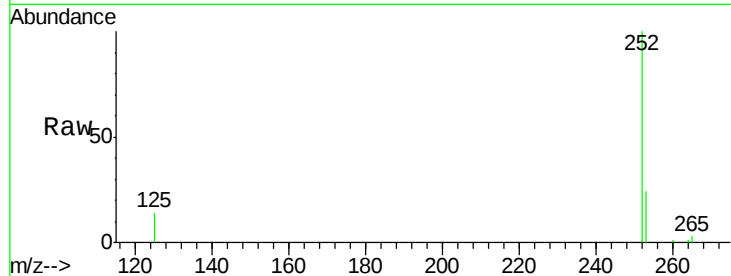
Tgt Ion:252 Resp: 10450

Ion Ratio Lower Upper

252 100

253 23.8 18.3 27.5

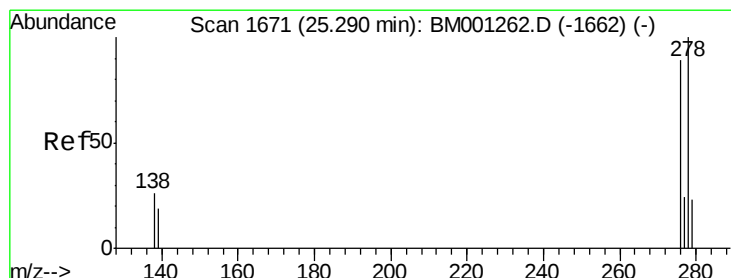
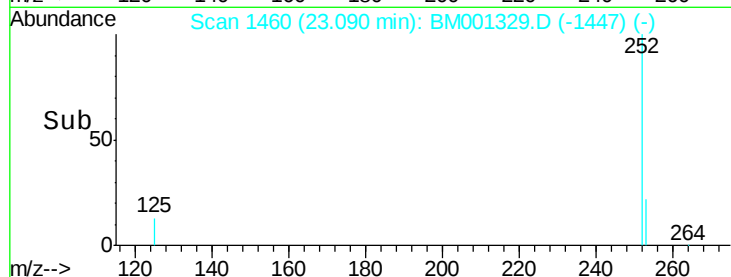
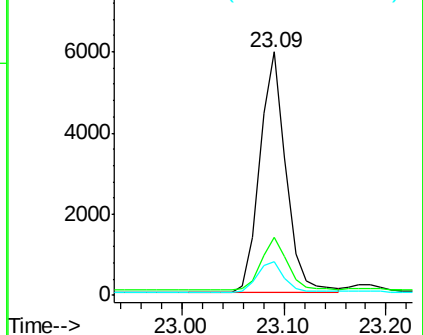
125 13.7 12.2 18.2



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



#34

Dibenzo(a,h)anthracene

Concen: 0.99 ng

RT: 25.28 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM001329.D

Acq: 15 May 2015 15:56

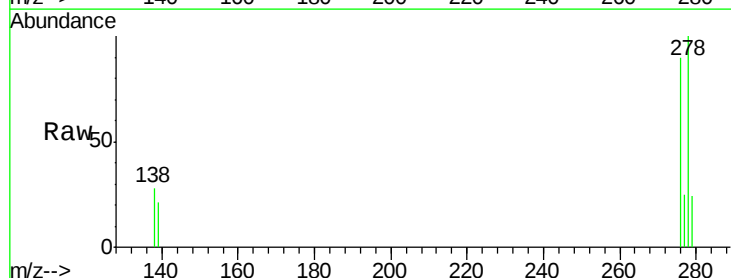
Tgt Ion:278 Resp: 10281

Ion Ratio Lower Upper

278 100

139 21.5 16.6 24.8

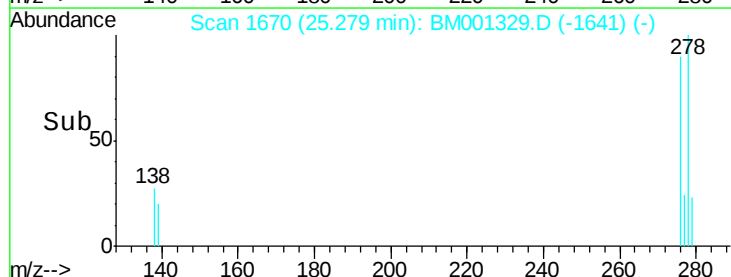
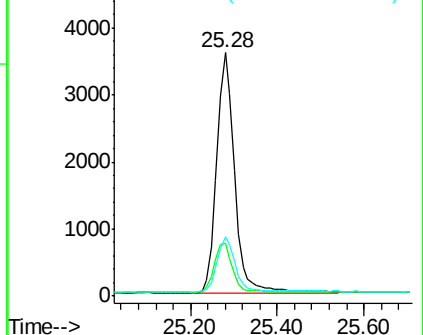
279 24.4 20.0 30.0



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





#35

Benzo(g,h,i)perylene

Concen: 0.98 ng

RT: 25.90 min Scan# 1730

Delta R.T. 0.01 min

Lab File: BM001329.D

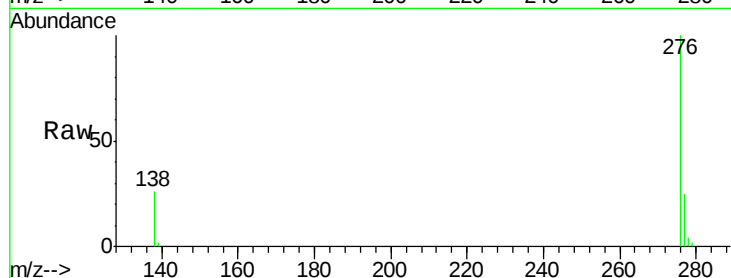
Acq: 15 May 2015 15:56

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001EC



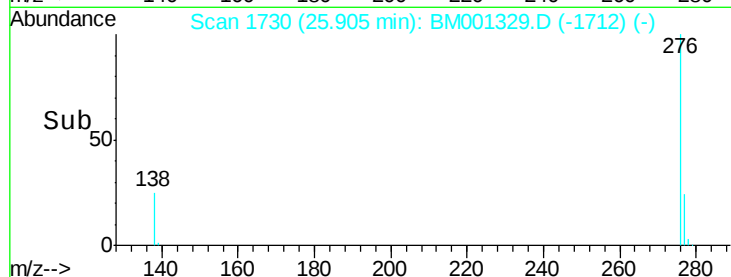
Tgt Ion: 276 Resp: 11243

Ion Ratio Lower Upper

276 100

277 24.6 19.9 29.9

138 25.7 21.0 31.4



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

