

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001602.D
 Acq On : 09 Jun 2015 02:23
 Operator : TP/IZ
 Sample : SSTDICC0.2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Quant Time: Jun 09 05:49:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 09 05:45:34 2015
 Response via : Initial Calibration

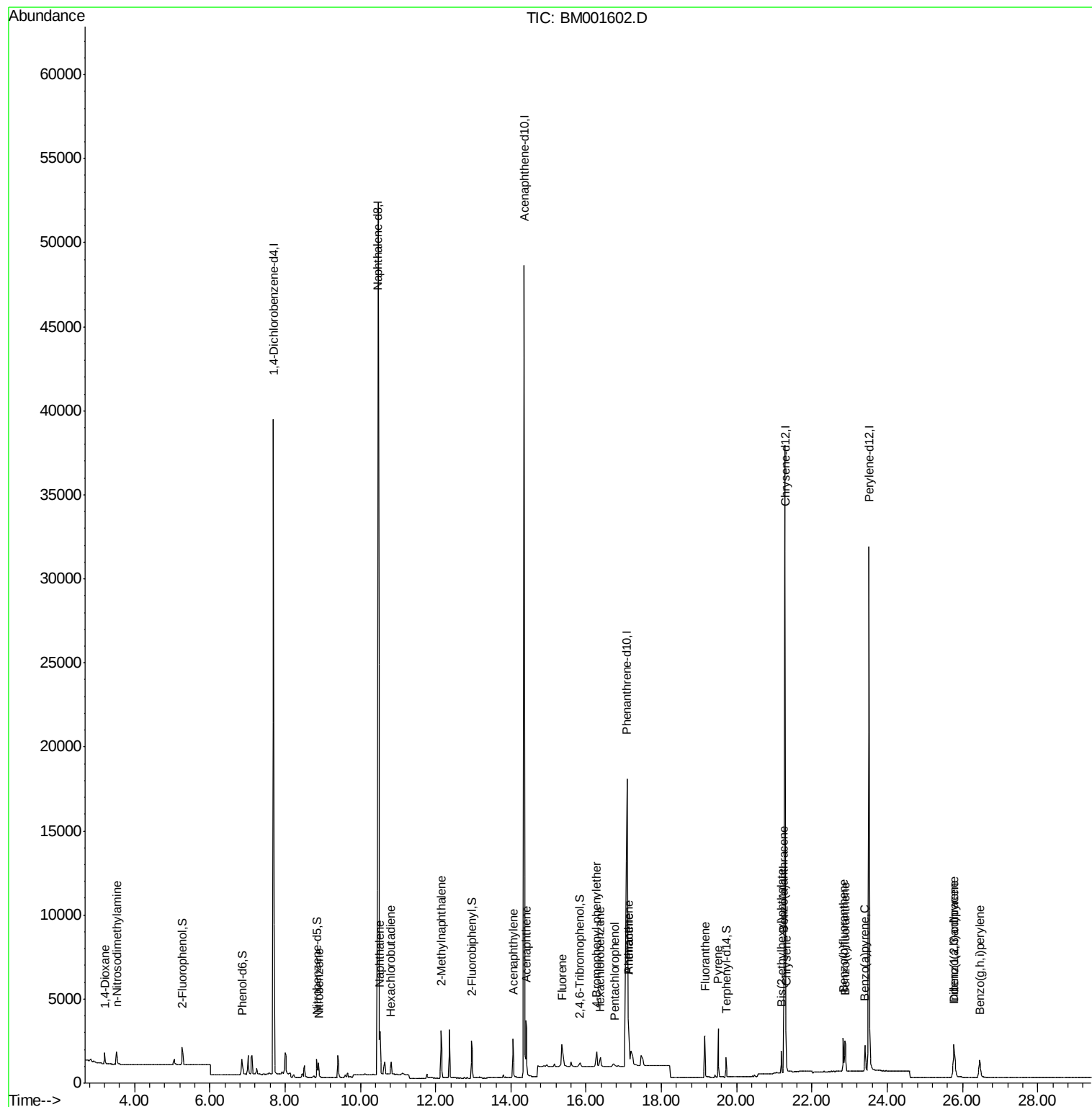
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	19867	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	71251	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	32011	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	41785	5.00	ng	0.00
25) Chrysene-d12	21.28	240	46014	5.00	ng	0.00
32) Perylene-d12	23.51	264	41360	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	885	0.20	ng	0.00
5) Phenol-d6	6.86	99	1086	0.20	ng	0.02
7) Nitrobenzene-d5	8.85	82	961	0.20	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	212	0.16	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	2167	0.22	ng	0.00
27) Terphenyl-d14	19.72	244	1223	0.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	486	0.23	ng	92
3) n-Nitrosodimethylamine	3.52	42	610	0.20	ng	# 95
8) Nitrobenzene	8.89	77	1013	0.19	ng	99
9) Naphthalene	10.52	128	3299	0.21	ng	96
10) Hexachlorobutadiene	10.82	225	563	0.21	ng	98
11) 2-Methylnaphthalene	12.15	142	1992	0.21	ng	99
15) Acenaphthylene	14.06	152	2724	0.20	ng	100
16) Acenaphthene	14.41	154	1845	0.21	ng	98
17) Fluorene	15.36	166	1274	0.22	ng	100
19) 4-Bromophenyl-phenylether	16.27	248	734	0.24	ng	# 91
20) Hexachlorobenzene	16.38	284	459	0.32	ng	93
21) Pentachlorophenol	16.75	266	128	0.21	ng	# 78
22) Phenanthrene	17.12	178	3179	0.21	ng	98
23) Anthracene	17.12	178	5058	0.76	ng	# 80
24) Fluoranthene	19.15	202	2951	0.25	ng	100
26) Pyrene	19.52	202	3099	0.21	ng	100
28) Benzo(a)anthracene	21.25	228	2762	0.21	ng	98
29) Chrysene	21.31	228	2679	0.21	ng	96
30) Bis(2-ethylhexyl)phthalate	21.19	149	1420	0.19	ng	99
31) Indeno(1,2,3-cd)pyrene	25.76	276	2648	0.20	ng	99
33) Benzo(b)fluoranthene	22.83	252	2551	0.20	ng	# 88
34) Benzo(k)fluoranthene	22.88	252	2415	0.21	ng	# 87
35) Benzo(a)pyrene	23.41	252	2223	0.20	ng	# 86
36) Dibenzo(a,h)anthracene	25.78	278	2036	0.19	ng	# 89
37) Benzo(g,h,i)perylene	26.46	276	2294	0.21	ng	# 92

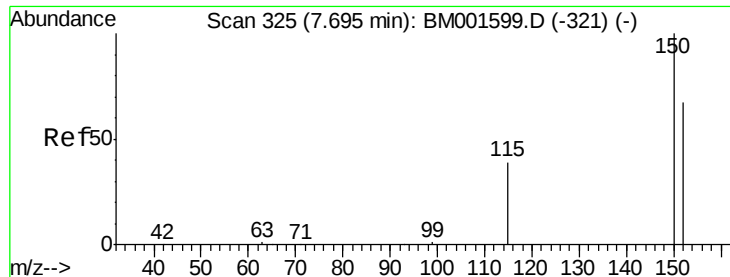
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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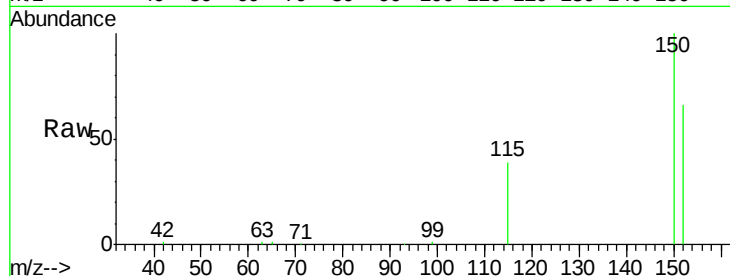




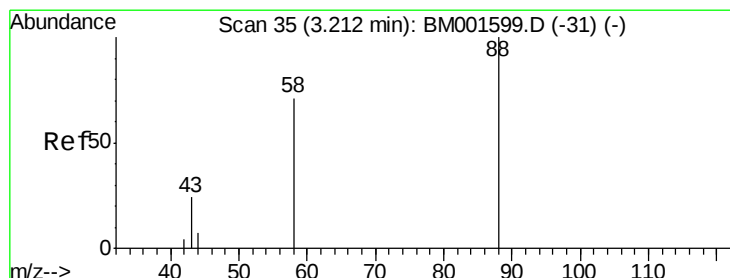
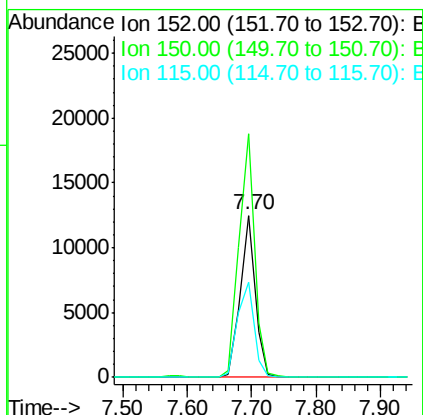
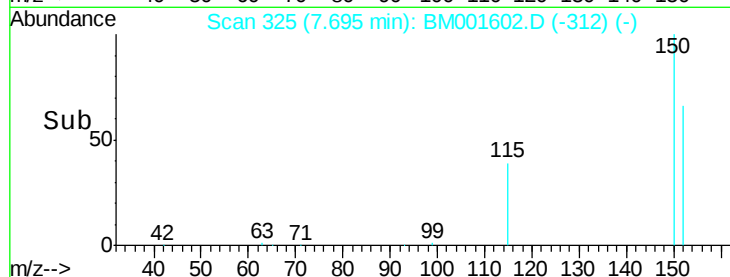
#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.70 min Scan# 325
 Delta R.T. 0.00 min
 Lab File: BM001602.D
 Acq: 09 Jun 2015 02:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

Tgt Ion: 152 Resp: 19867
 Ion Ratio Lower Upper
 152 100
 150 150.6 120.1 180.1
 115 58.9 47.0 70.6

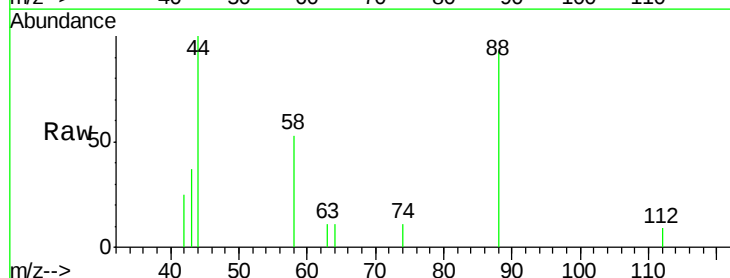


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

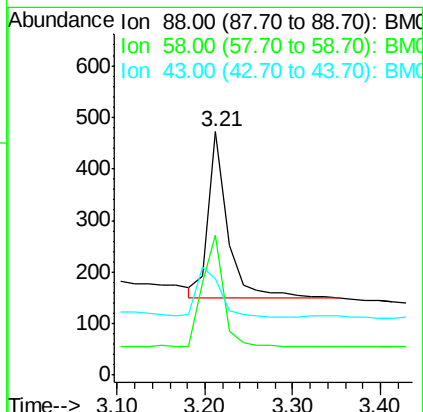
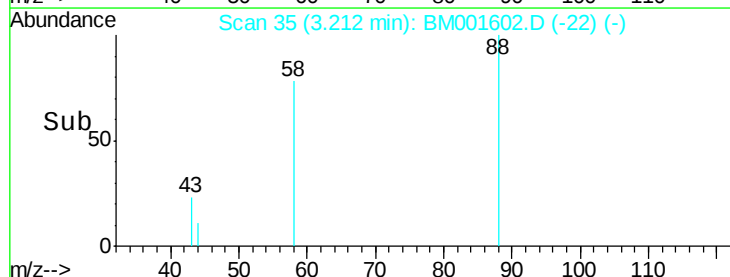


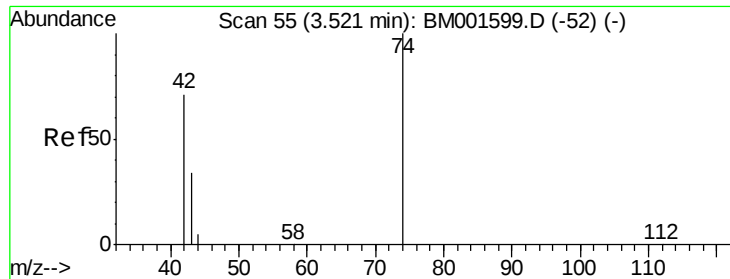
#2
 1,4-Dioxane
 Concen: 0.23 ng
 RT: 3.21 min Scan# 35
 Delta R.T. 0.00 min
 Lab File: BM001602.D
 Acq: 09 Jun 2015 02:23

Tgt Ion: 88 Resp: 486
 Ion Ratio Lower Upper
 88 100
 58 72.4 65.5 98.3
 43 38.5 32.2 48.2



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: 0.20 ng

RT: 3.52 min Scan# 55

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

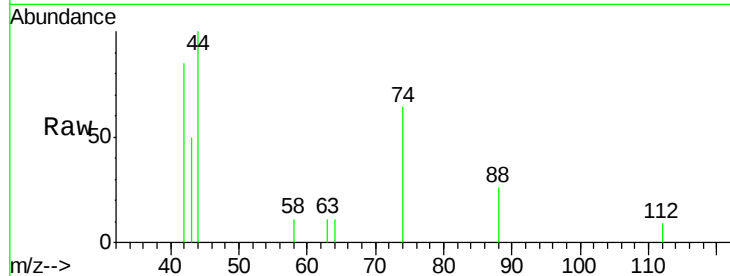
Tgt Ion: 42 Resp: 610

Ion Ratio Lower Upper

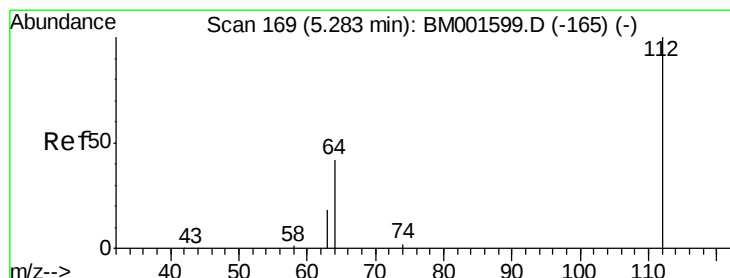
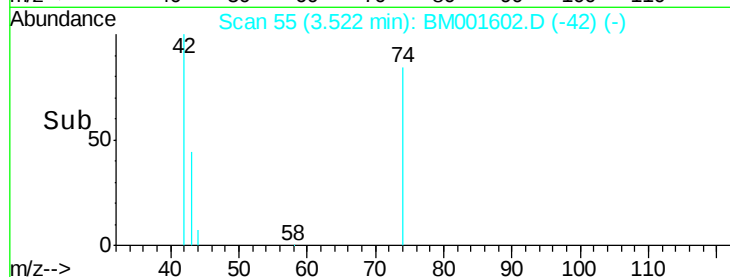
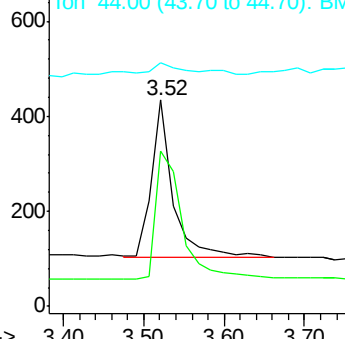
42 100

74 100.3 79.5 119.3

44 26.7 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BM001599.D (-52) (-)



#4

2-Fluorophenol

Concen: 0.20 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

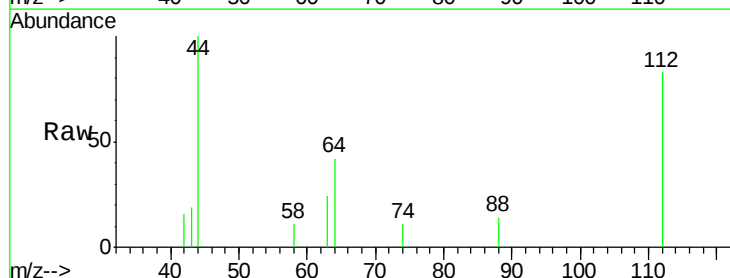
Tgt Ion: 112 Resp: 885

Ion Ratio Lower Upper

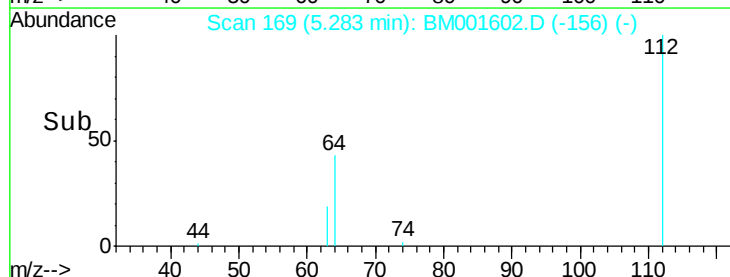
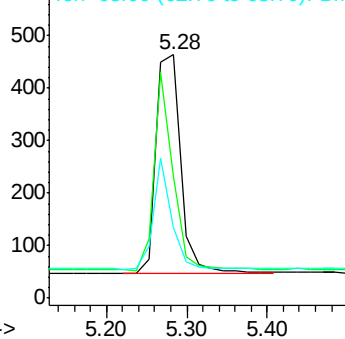
112 100

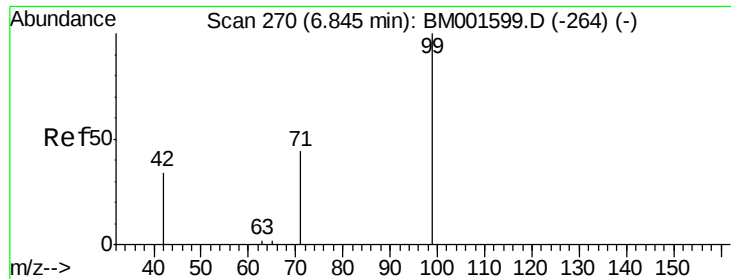
64 69.3 54.8 82.2

63 38.6 30.5 45.7



Abundance Ion 112.00 (111.70 to 112.70): BM001599.D (-165) (-)





#5

Phenol-d6

Concen: 0.20 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.02 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

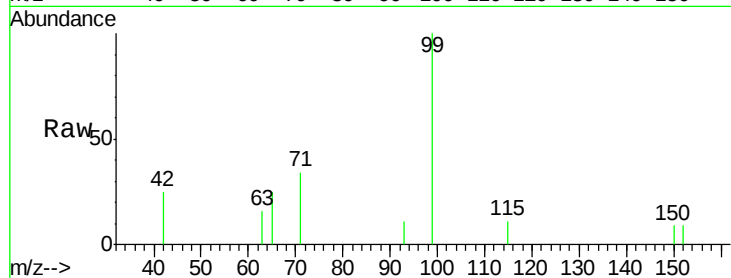
Tgt Ion: 99 Resp: 1086

Ion Ratio Lower Upper

99 100

42 27.7 21.6 32.4

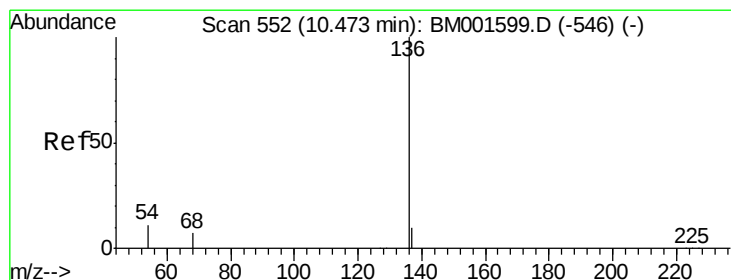
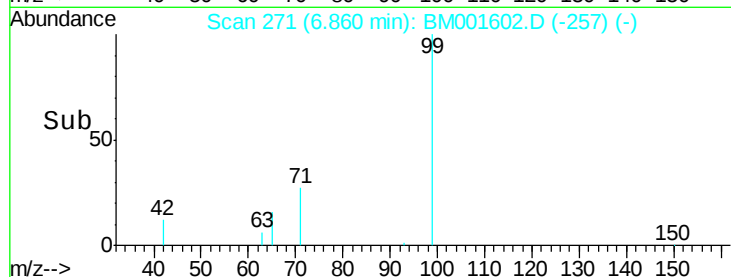
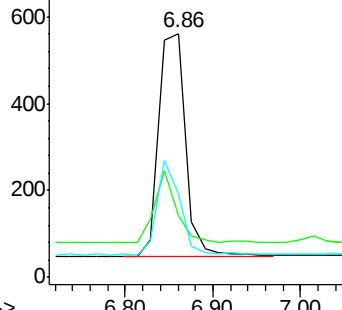
71 36.6 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BM001599.D (-264) (-)

Ion 42.00 (41.70 to 42.70): BM001599.D (-264) (-)

Ion 71.00 (70.70 to 71.70): BM001599.D (-264) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Tgt Ion: 136 Resp: 71251

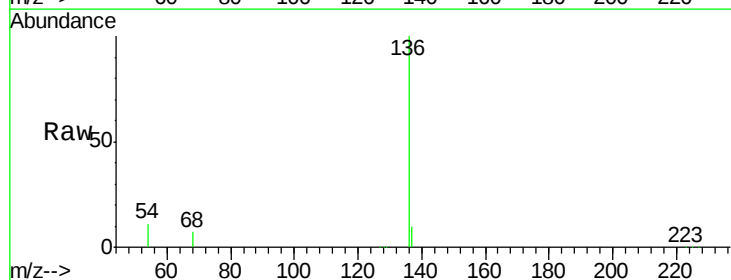
Ion Ratio Lower Upper

136 100

137 10.3 8.3 12.5

54 11.3 9.2 13.8

68 6.7 5.5 8.3

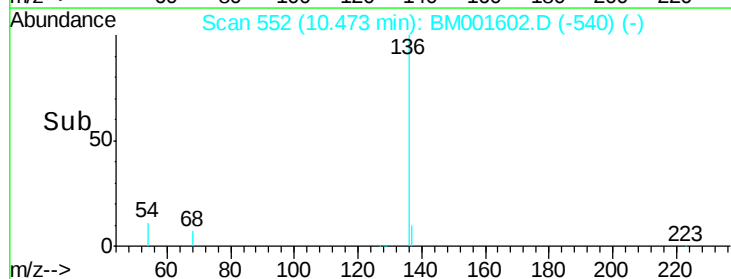
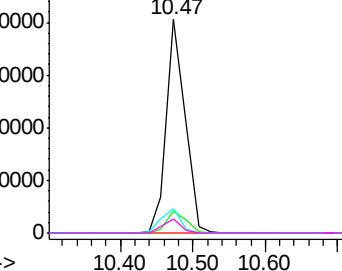


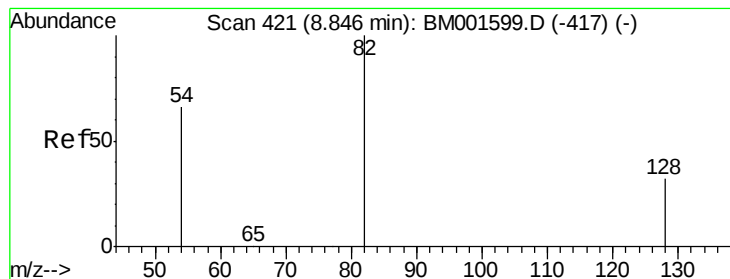
Abundance Ion 136.00 (135.70 to 136.70): BM001599.D (-546) (-)

Ion 137.00 (136.70 to 137.70): BM001599.D (-546) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-546) (-)

Ion 68.00 (67.70 to 68.70): BM001599.D (-546) (-)





#7

Nitrobenzene-d5

Concen: 0.20 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

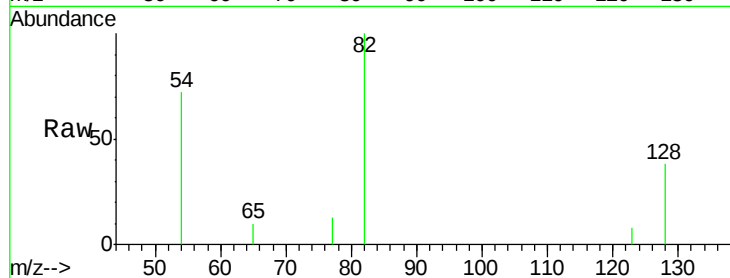
Tgt Ion: 82 Resp: 961

Ion Ratio Lower Upper

82 100

128 37.7 26.6 40.0

54 71.6 53.0 79.6

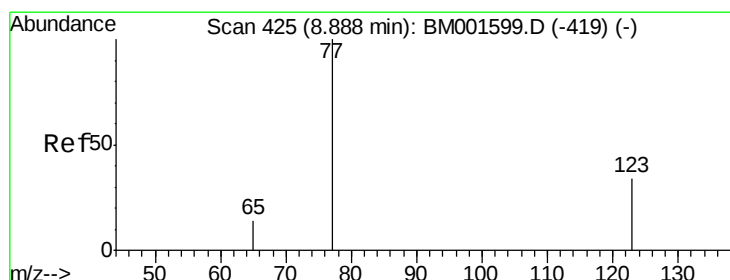
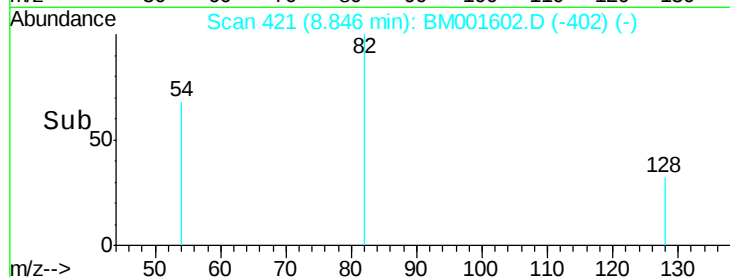


Abundance Ion 82.00 (81.70 to 82.70): BM001599.D (-417) (-)

Ion 128.00 (127.70 to 128.70): BM001599.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001599.D (-417) (-)

Time-->



#8

Nitrobenzene

Concen: 0.19 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

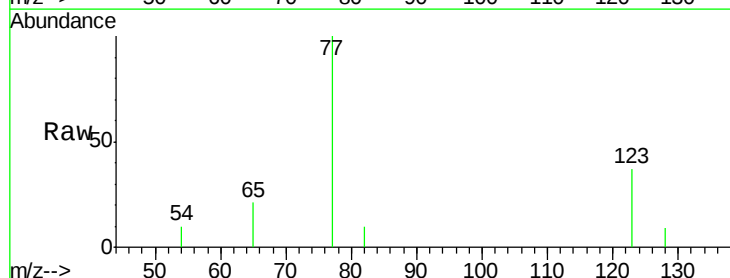
Tgt Ion: 77 Resp: 1013

Ion Ratio Lower Upper

77 100

123 38.1 31.0 46.6

65 14.1 11.4 17.0

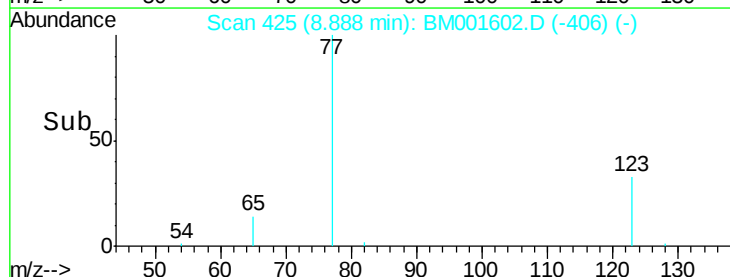


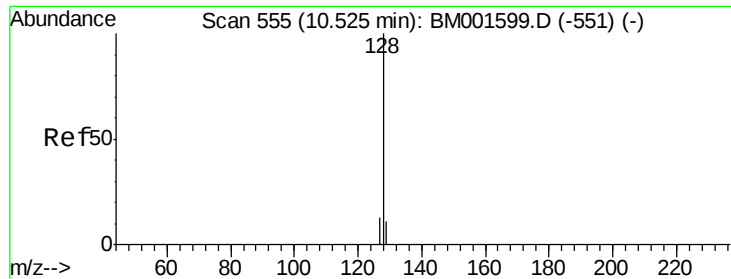
Abundance Ion 77.00 (76.70 to 77.70): BM001599.D (-419) (-)

Ion 123.00 (122.70 to 123.70): BM001599.D (-419) (-)

Ion 65.00 (64.70 to 65.70): BM001599.D (-419) (-)

Time-->





#9

Naphthalene

Concen: 0.21 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

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SSTDIC0.2

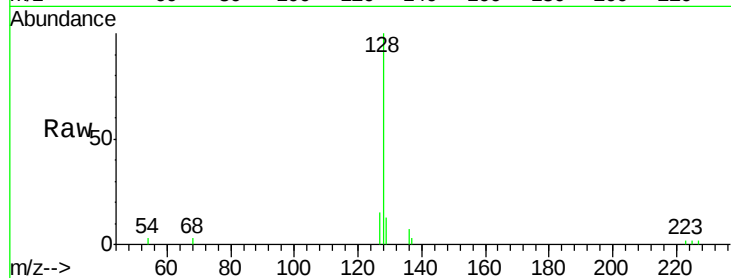
Tgt Ion:128 Resp: 3299

Ion Ratio Lower Upper

128 100

129 13.1 9.1 13.7

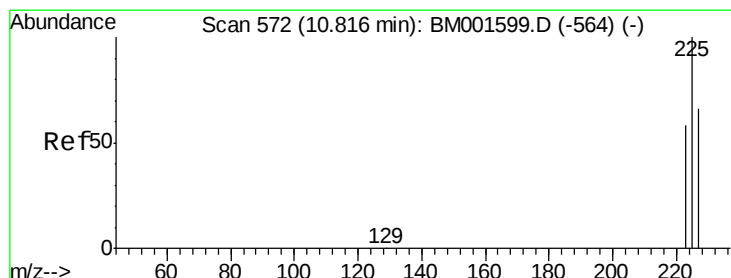
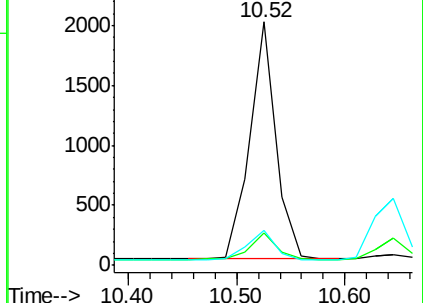
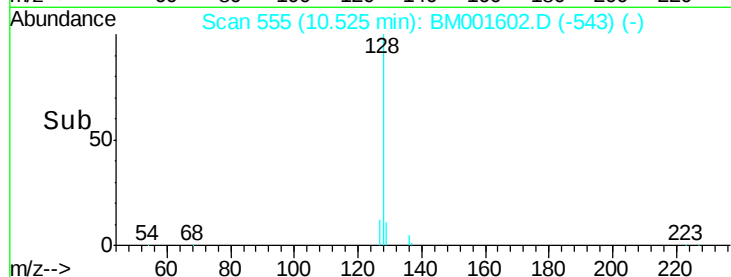
127 14.5 10.4 15.6



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: 0.21 ng

RT: 10.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

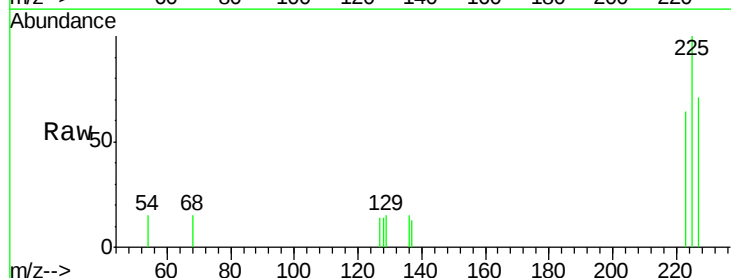
Tgt Ion:225 Resp: 563

Ion Ratio Lower Upper

225 100

223 64.7 49.8 74.8

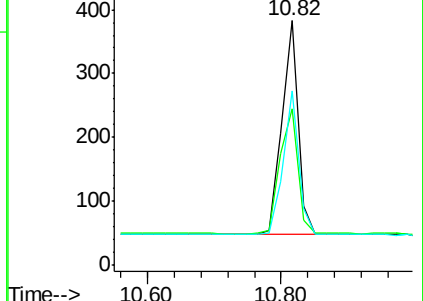
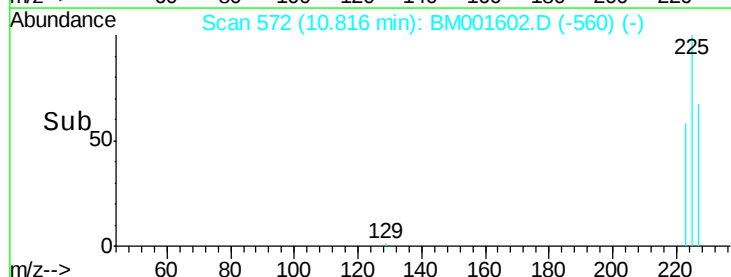
227 63.9 50.9 76.3

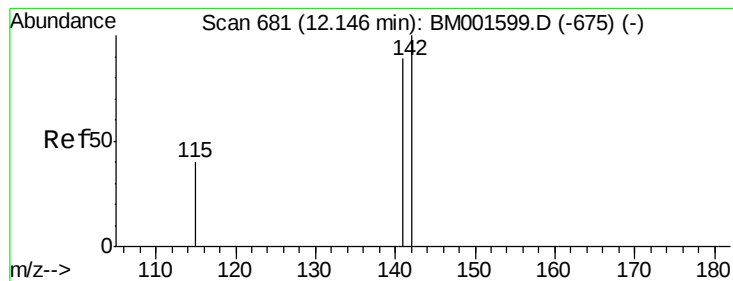


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.21 ng

RT: 12.15 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

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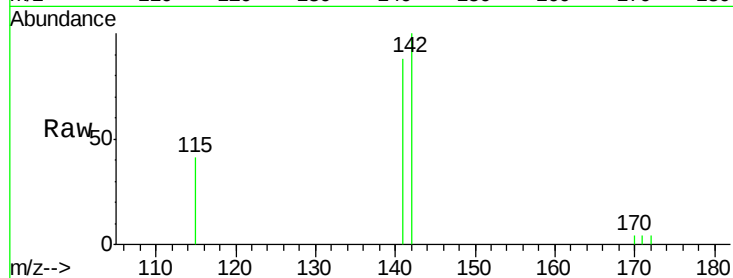
Tgt Ion:142 Resp: 1992

Ion Ratio Lower Upper

142 100

141 88.4 71.3 106.9

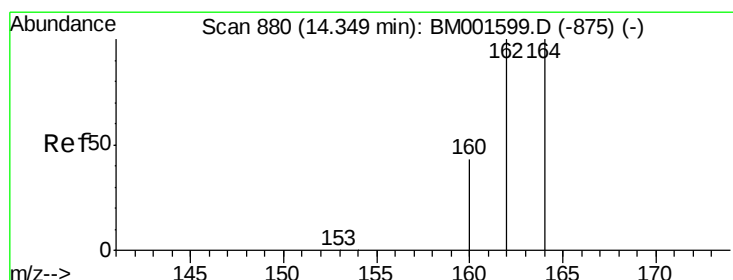
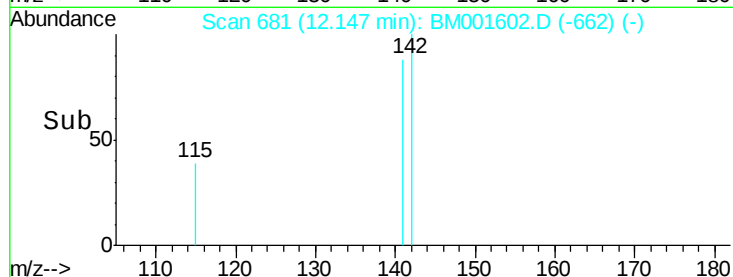
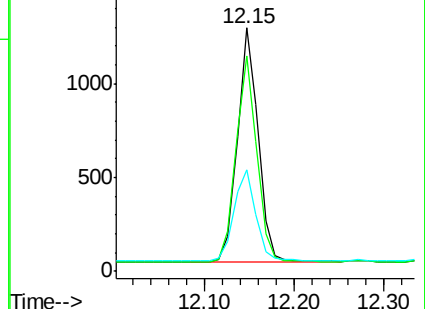
115 41.5 32.1 48.1



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: 14.35 min Scan# 880

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

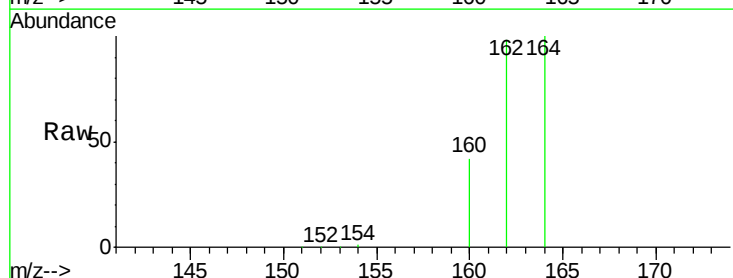
Tgt Ion:164 Resp: 32011

Ion Ratio Lower Upper

164 100

162 97.9 79.8 119.6

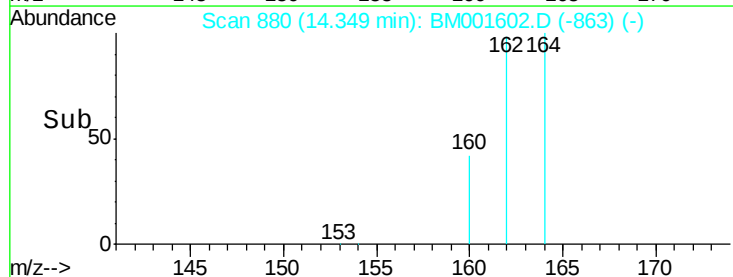
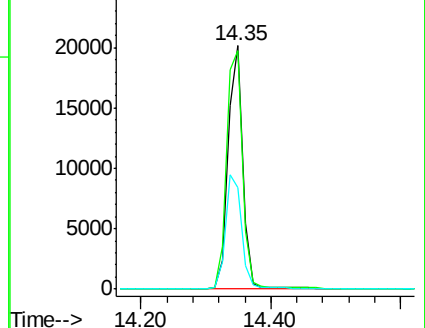
160 41.8 34.6 51.8

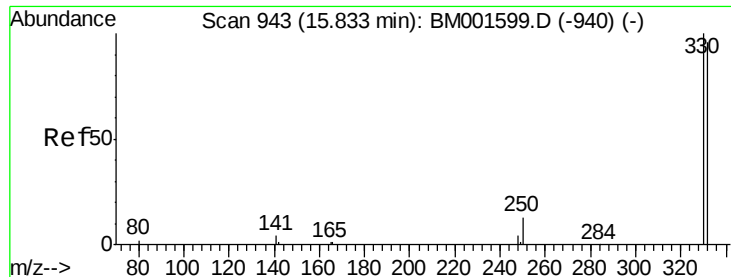


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

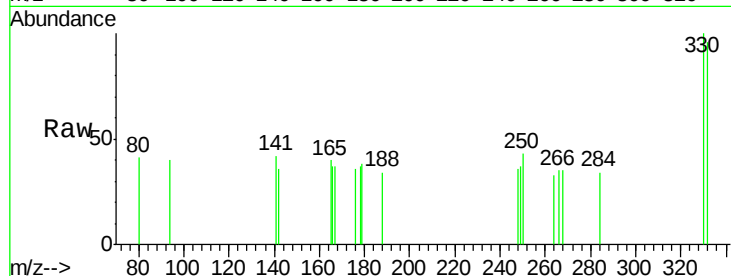




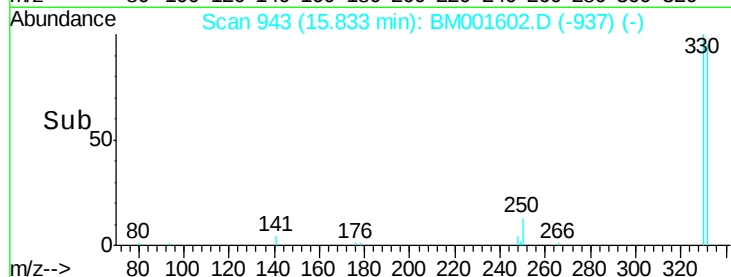
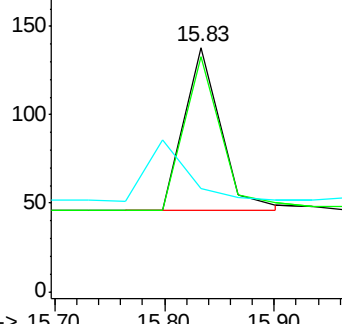
#13
 2,4,6-Tribromophenol
 Concen: 0.16 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001602.D
 Acq: 09 Jun 2015 02:23

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.2

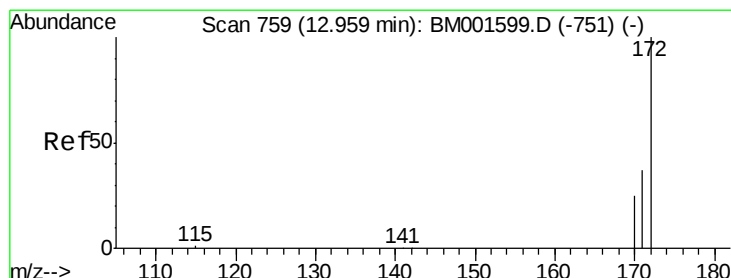
Tgt Ion: 330 Resp: 212
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.7 115.1
 141 0.0 0.0 0.0



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

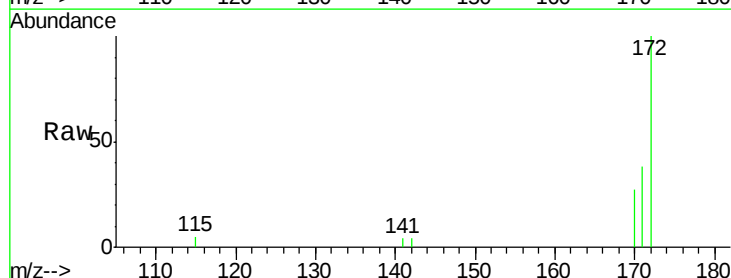


Time--> 15.70 15.80 15.90

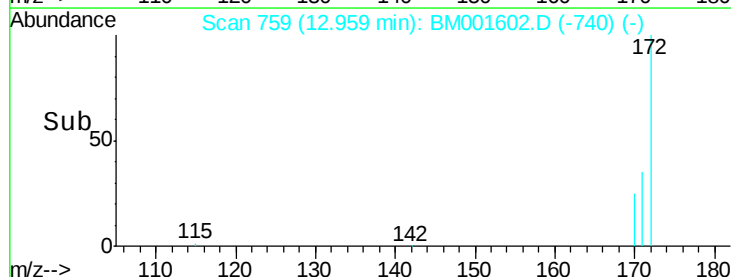
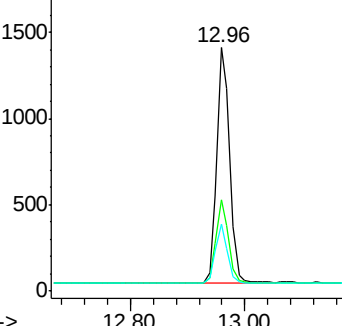


#14
 2-Fluorobiphenyl
 Concen: 0.22 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001602.D
 Acq: 09 Jun 2015 02:23

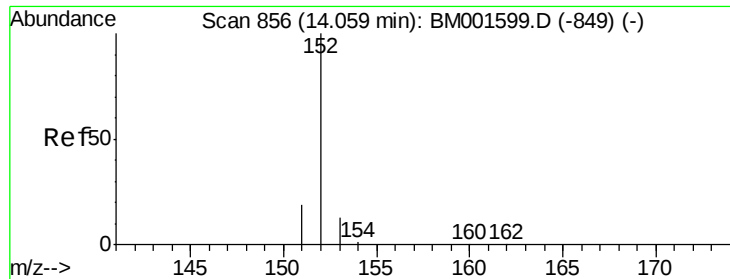
Tgt Ion: 172 Resp: 2167
 Ion Ratio Lower Upper
 172 100
 171 37.7 29.6 44.4
 170 27.5 20.6 31.0



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--> 12.80 13.00



#15

Acenaphthylene

Concen: 0.20 ng

RT: 14.06 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

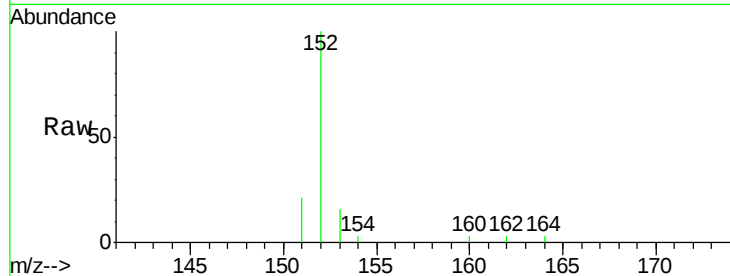
Tgt Ion:152 Resp: 2724

Ion Ratio Lower Upper

152 100

151 19.4 15.5 23.3

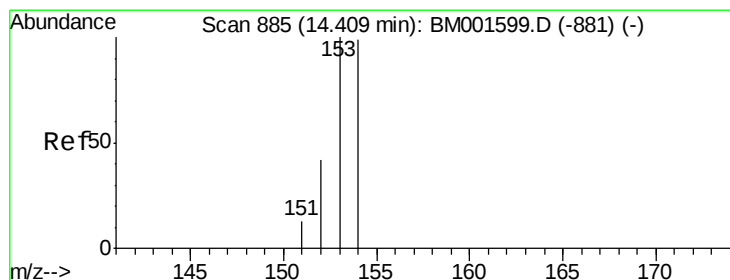
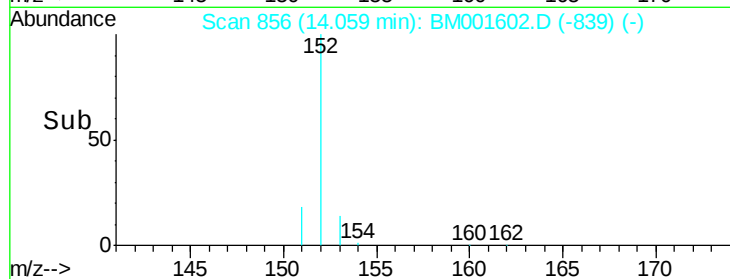
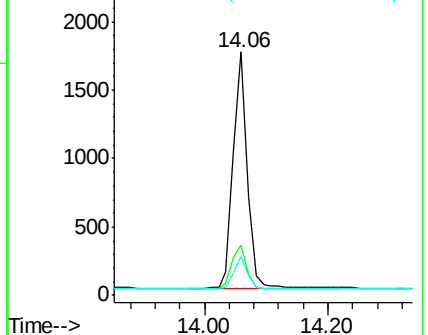
153 13.3 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#16

Acenaphthene

Concen: 0.21 ng

RT: 14.41 min Scan# 885

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

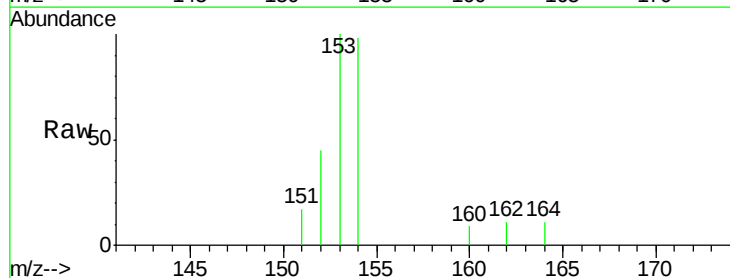
Tgt Ion:154 Resp: 1845

Ion Ratio Lower Upper

154 100

153 114.5 89.4 134.0

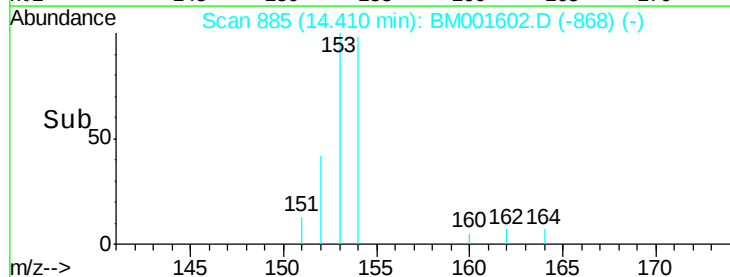
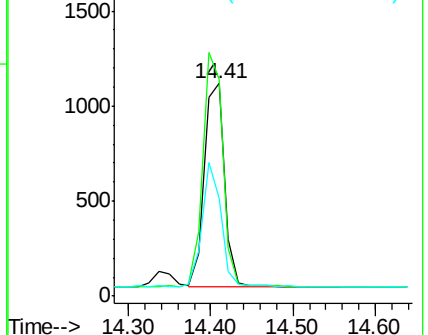
152 55.3 43.6 65.4

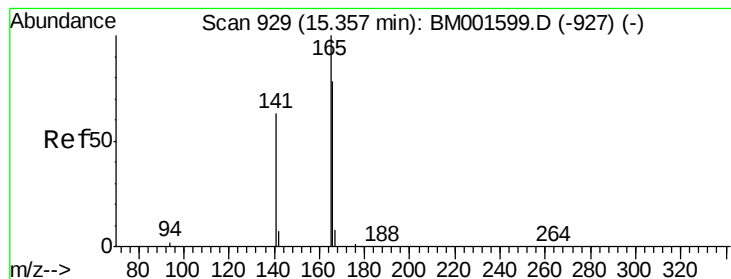


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 0.22 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

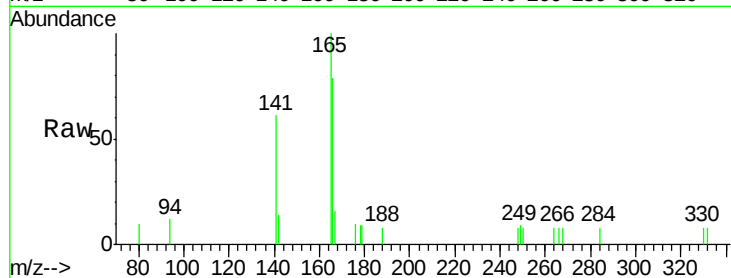
Tgt Ion:166 Resp: 1274

Ion Ratio Lower Upper

166 100

165 109.7 87.8 131.8

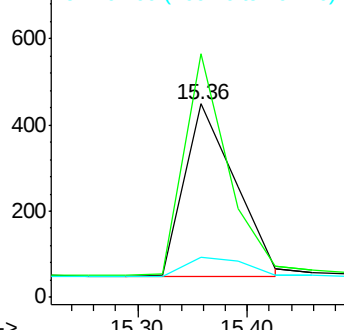
167 13.7 10.0 15.0



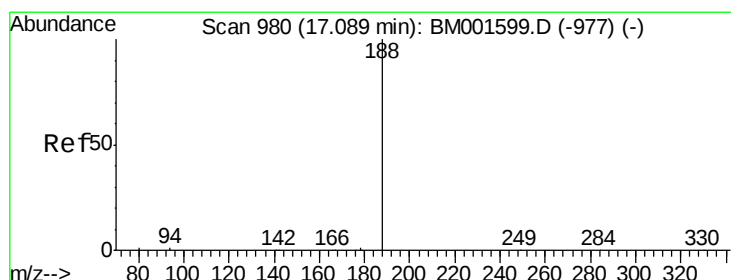
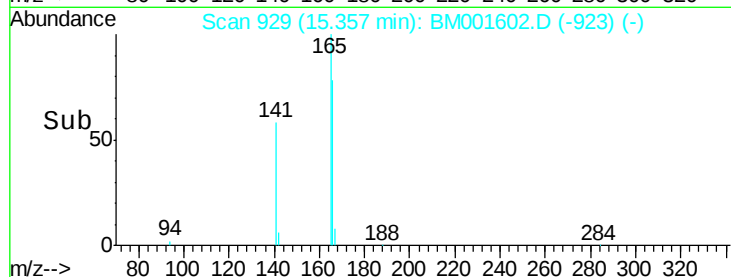
Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



Time-->



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

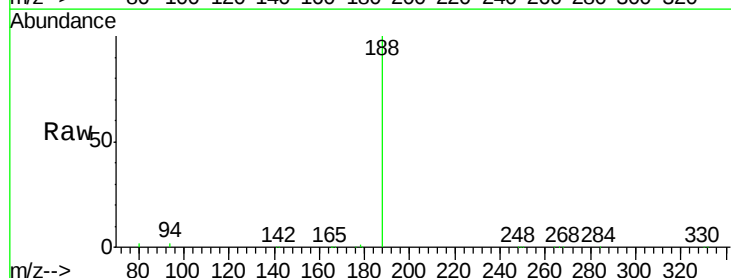
Tgt Ion:188 Resp: 41785

Ion Ratio Lower Upper

188 100

94 1.8 1.0 1.6#

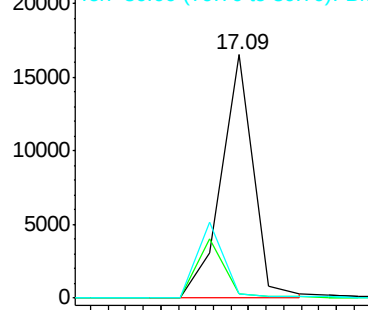
80 1.9 1.0 1.4#



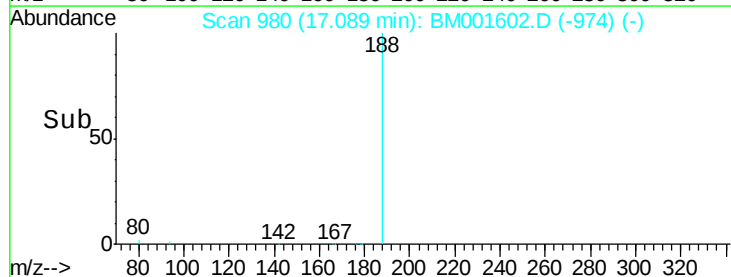
Abundance Ion 188.00 (187.70 to 188.70): E

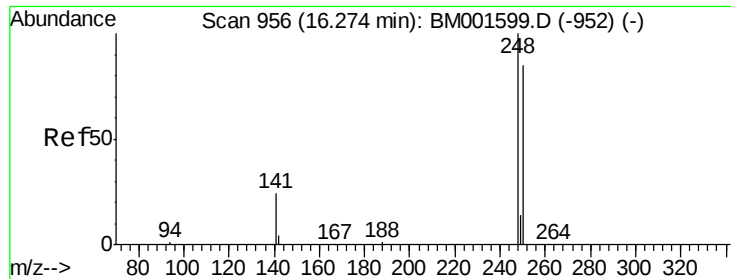
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time-->

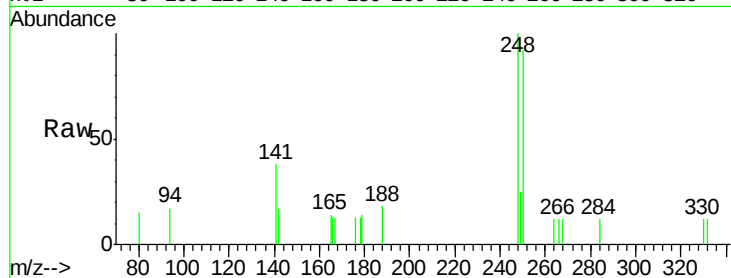




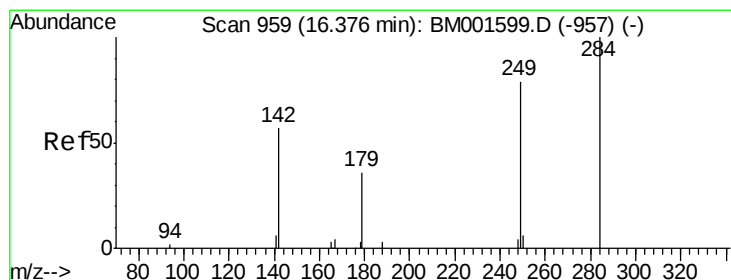
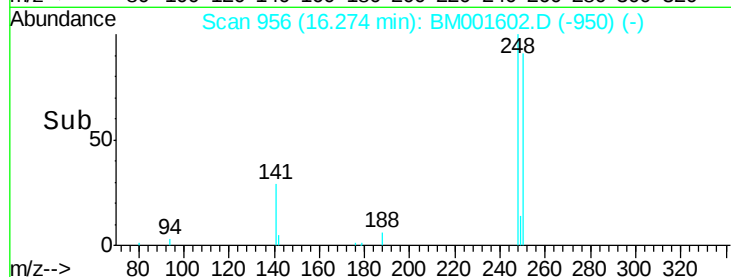
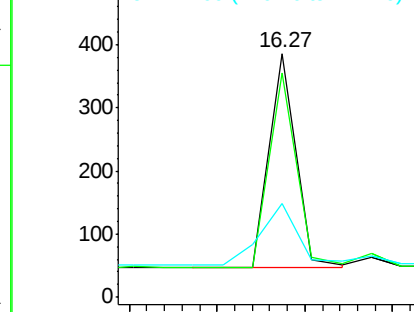
#19
4-Bromophenyl-phenylether
Concen: 0.24 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001602.D
Acq: 09 Jun 2015 02:23

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.2

Tgt Ion:248 Resp: 734
Ion Ratio Lower Upper
248 100
250 91.7 68.6 103.0
141 40.3 25.5 38.3#

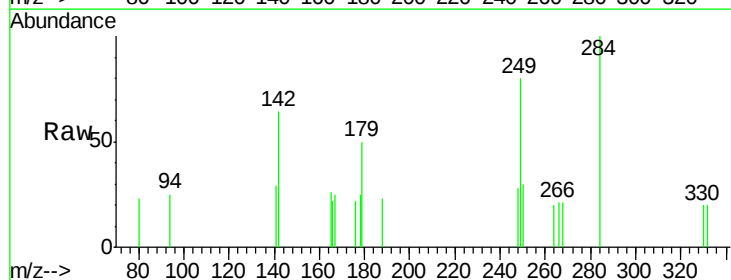


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

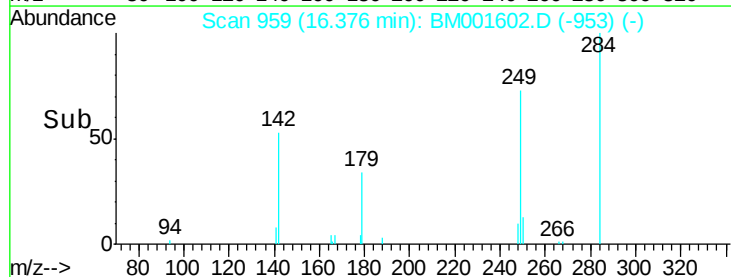
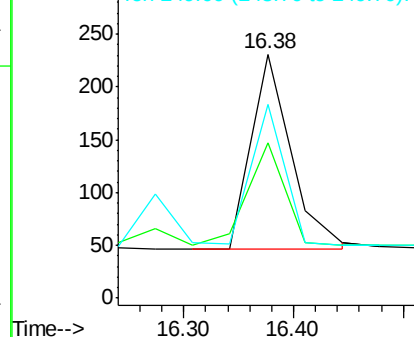


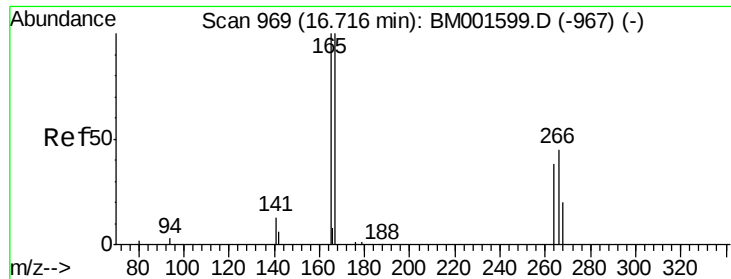
#20
Hexachlorobenzene
Concen: 0.32 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001602.D
Acq: 09 Jun 2015 02:23

Tgt Ion:284 Resp: 459
Ion Ratio Lower Upper
284 100
142 56.0 47.3 70.9
249 86.1 75.8 113.6



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

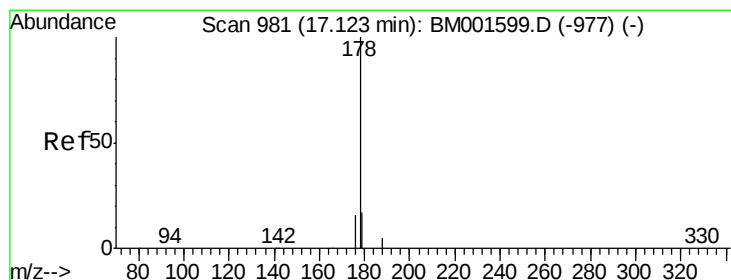
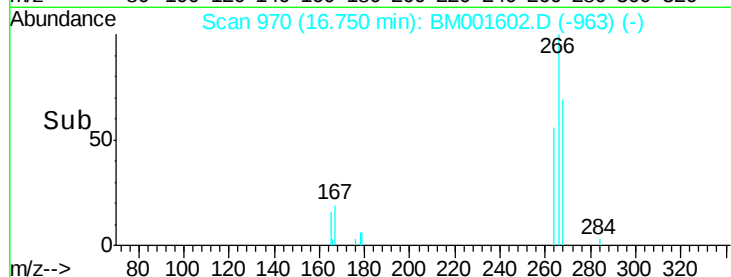
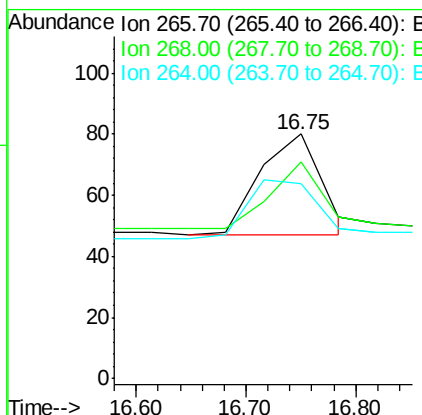
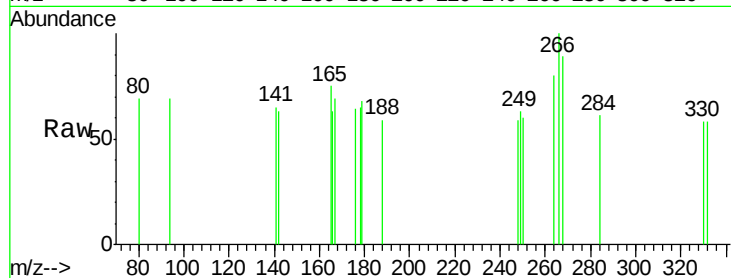




#21
 Pentachlorophenol
 Concen: 0.21 ng
 RT: 16.75 min Scan# 970
 Delta R.T. 0.03 min
 Lab File: BM001602.D
 Acq: 09 Jun 2015 02:23

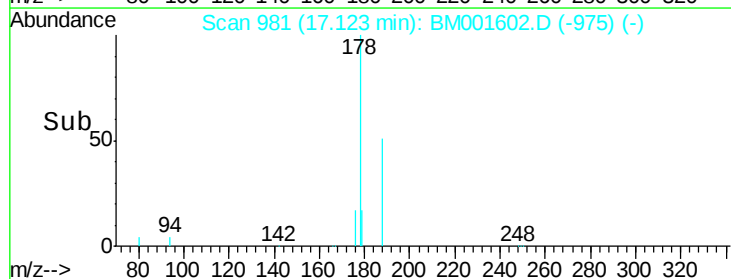
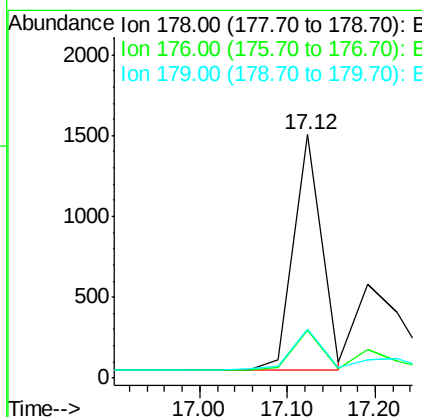
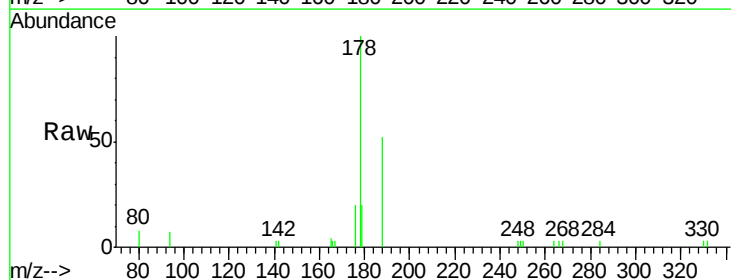
Instrument :
 BNA_M
 ClientSampled :
 SSTDICC0.2

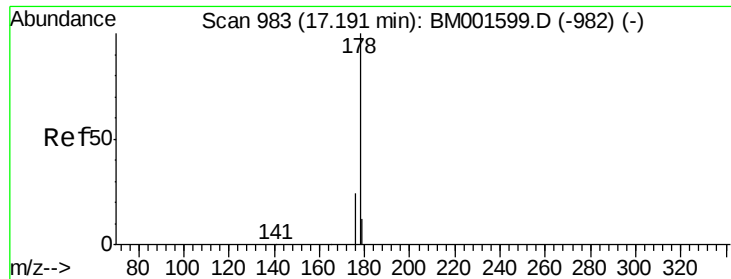
Tgt Ion:266 Resp: 128
 Ion Ratio Lower Upper
 266 100
 268 88.8 45.8 68.8#
 264 80.0 70.6 106.0



#22
 Phenanthrene
 Concen: 0.21 ng
 RT: 17.12 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BM001602.D
 Acq: 09 Jun 2015 02:23

Tgt Ion:178 Resp: 3179
 Ion Ratio Lower Upper
 178 100
 176 17.1 13.2 19.8
 179 18.7 13.8 20.8





#23

Anthracene

Concen: 0.76 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

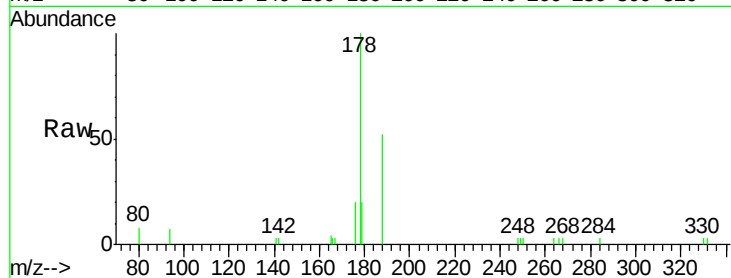
Tgt Ion:178 Resp: 5058

Ion Ratio Lower Upper

178 100

176 18.5 21.9 32.9#

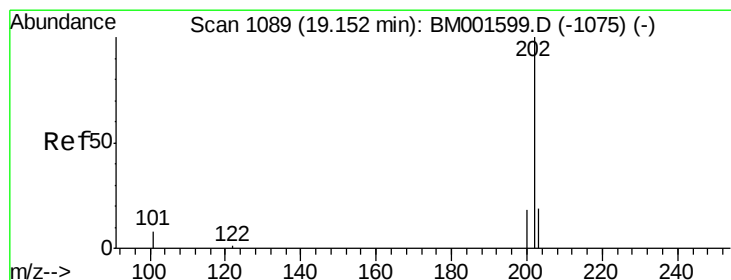
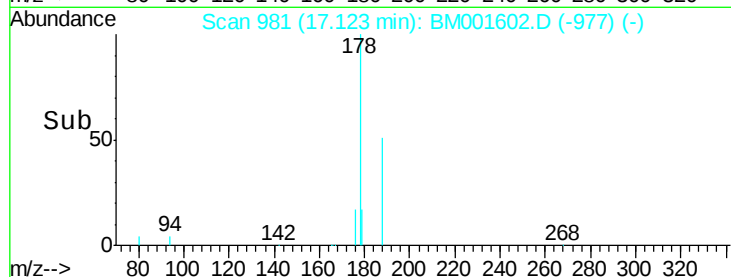
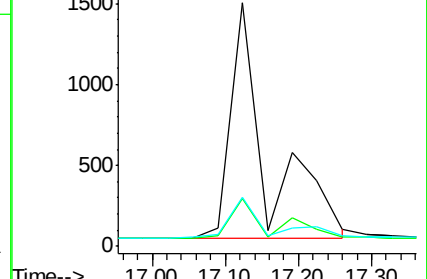
179 16.7 23.0 34.4#



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: 0.25 ng

RT: 19.15 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

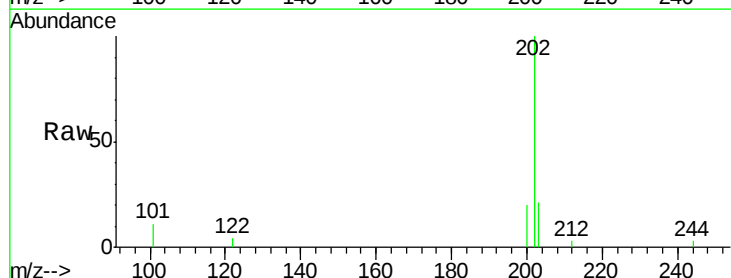
Tgt Ion:202 Resp: 2951

Ion Ratio Lower Upper

202 100

101 12.7 10.4 15.6

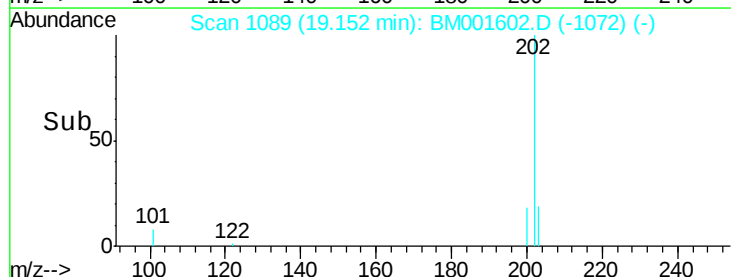
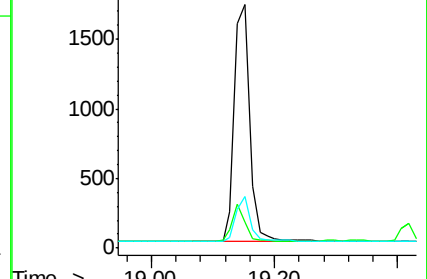
203 17.3 13.8 20.6

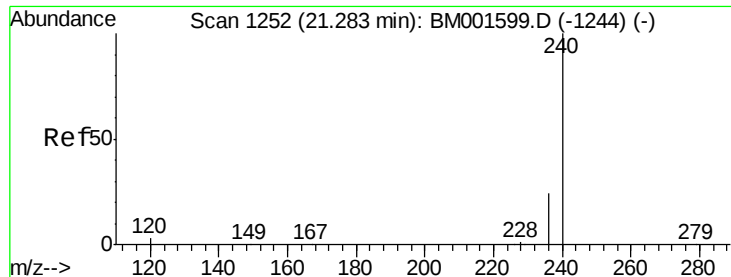


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.28 min Scan# 1252

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.2

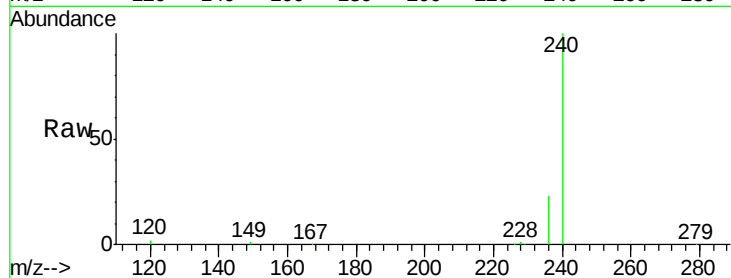
Tgt Ion:240 Resp: 46014

Ion Ratio Lower Upper

240 100

120 2.4 2.2 3.4

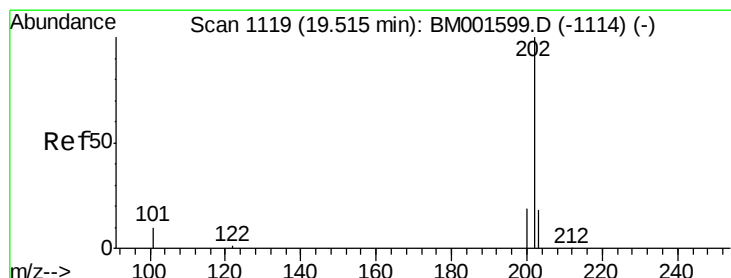
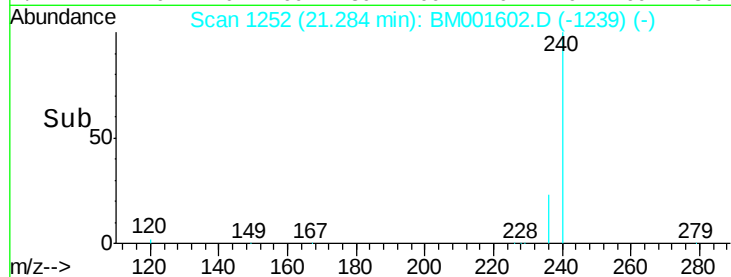
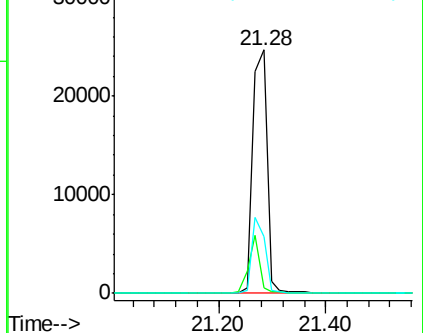
236 23.2 19.6 29.4



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: 0.21 ng

RT: 19.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

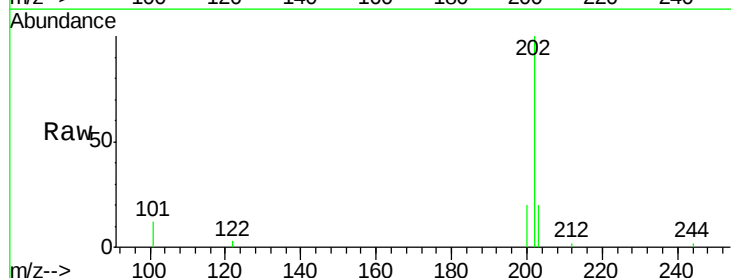
Tgt Ion:202 Resp: 3099

Ion Ratio Lower Upper

202 100

200 20.6 16.7 25.1

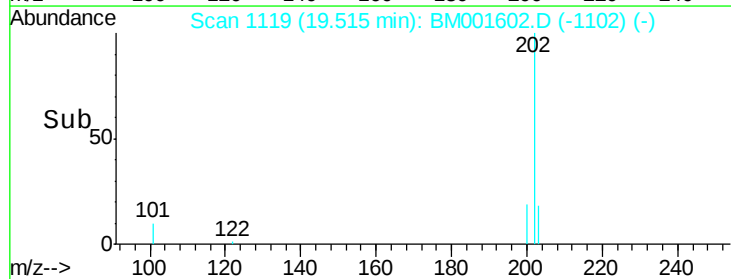
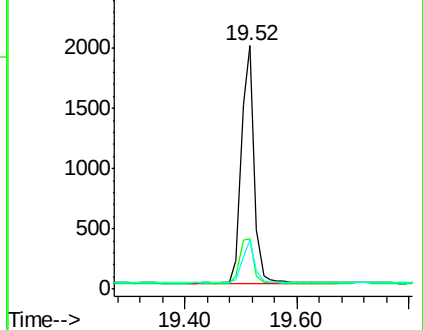
203 17.5 14.0 21.0

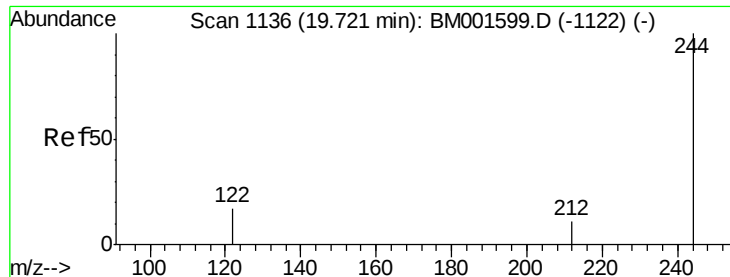


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.21 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

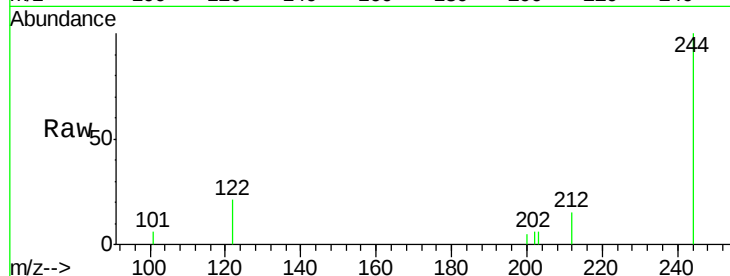
Tgt Ion:244 Resp: 1223

Ion Ratio Lower Upper

244 100

212 14.9 9.2 13.8#

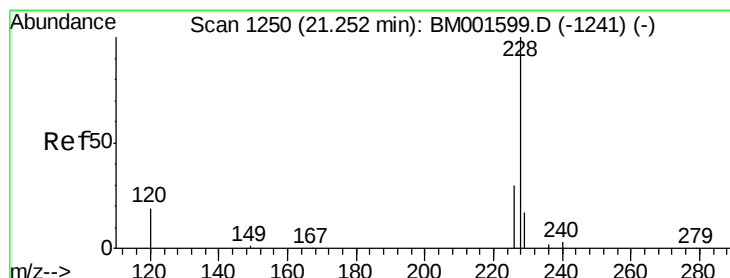
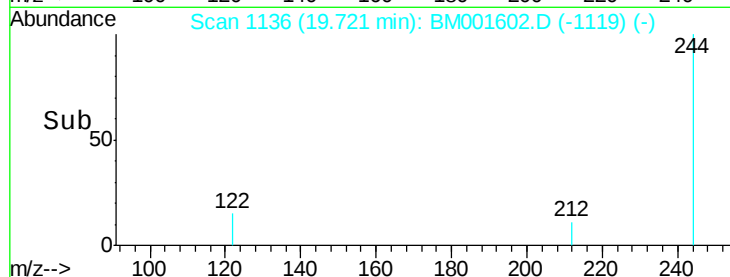
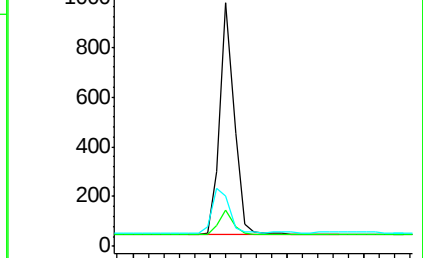
122 20.8 14.5 21.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 0.21 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

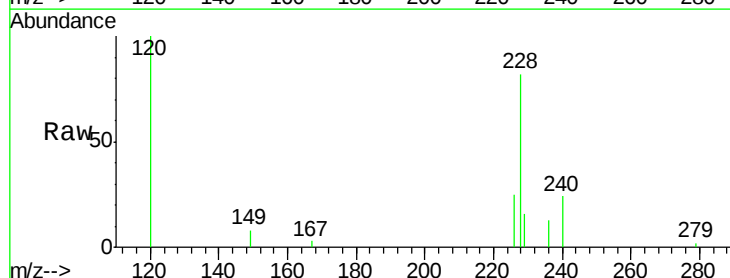
Tgt Ion:228 Resp: 2762

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

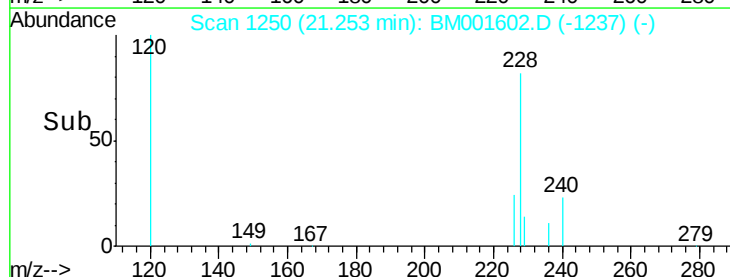
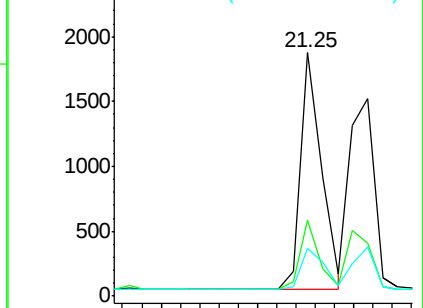
229 19.7 13.8 20.8

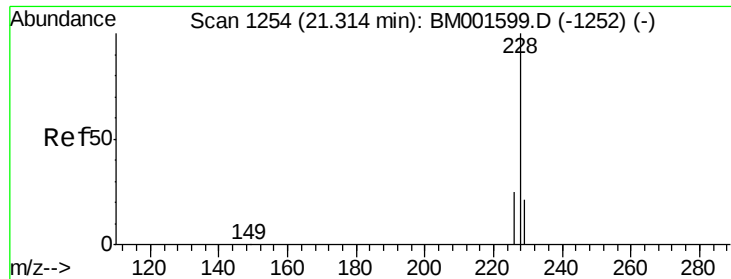


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.21 ng

RT: 21.31 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

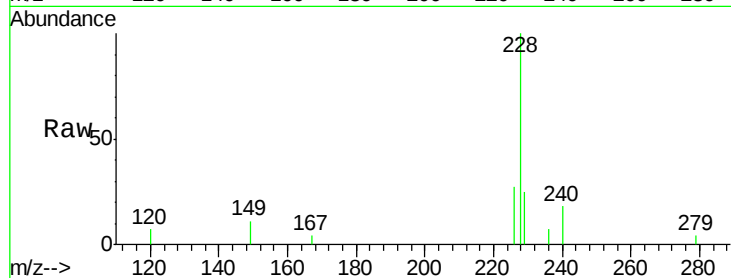
Tgt Ion:228 Resp: 2679

Ion Ratio Lower Upper

228 100

226 26.9 20.6 31.0

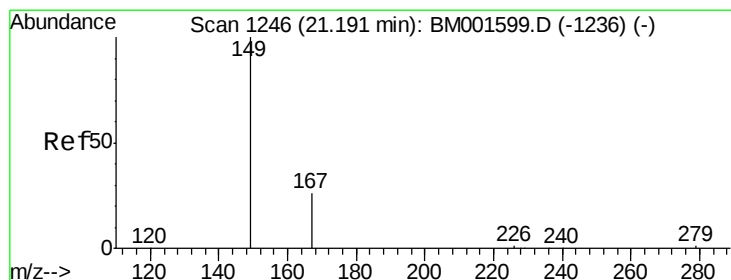
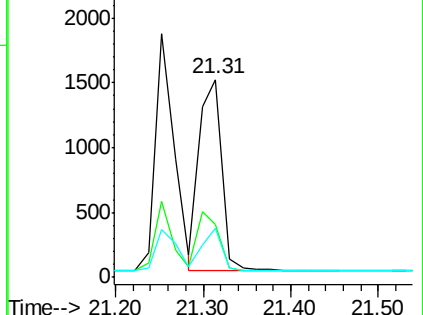
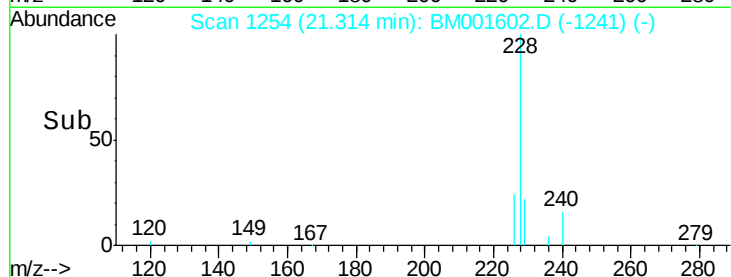
229 25.0 17.4 26.2



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: 0.19 ng

RT: 21.19 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

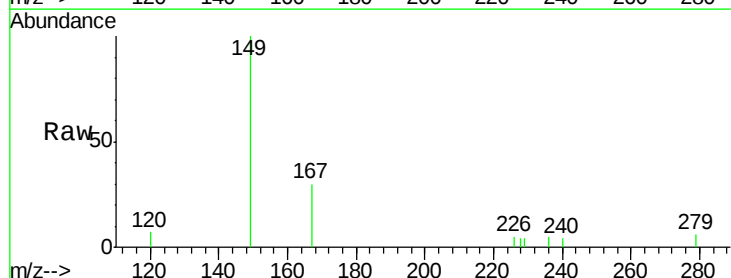
Tgt Ion:149 Resp: 1420

Ion Ratio Lower Upper

149 100

167 24.6 20.2 30.4

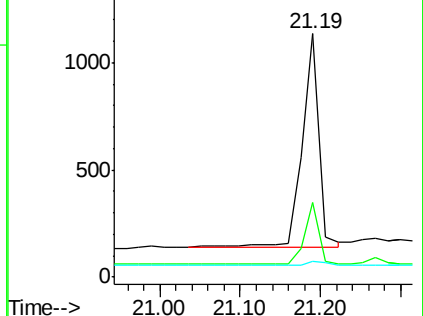
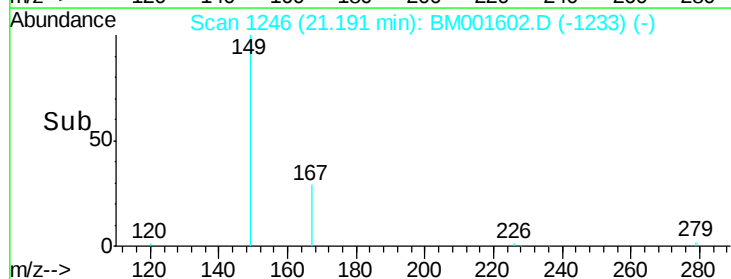
279 1.8 1.7 2.5

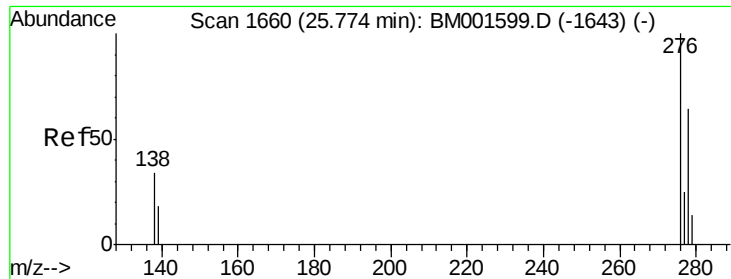


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#31

Indeno(1,2,3-cd)pyrene

Concen: 0.20 ng

RT: 25.76 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

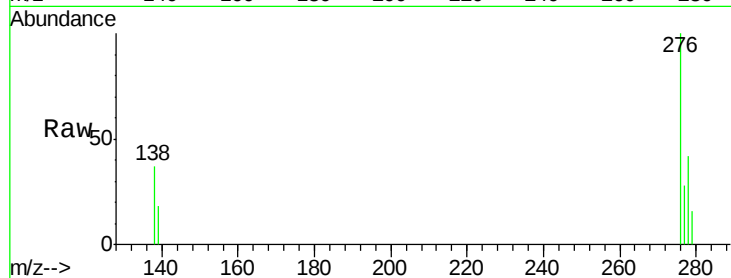
Tgt Ion:276 Resp: 2648

Ion Ratio Lower Upper

276 100

138 34.9 28.2 42.2

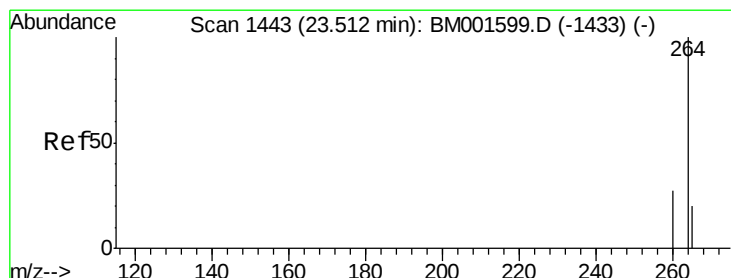
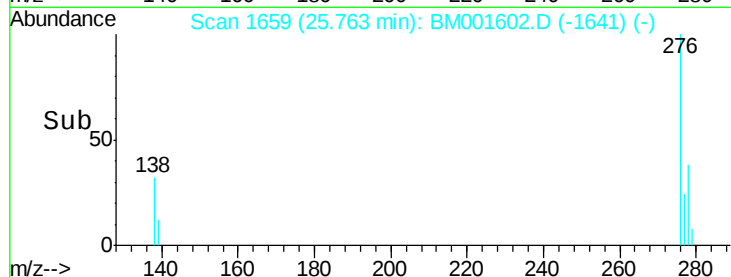
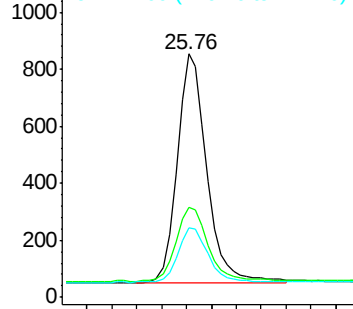
277 24.6 19.4 29.2



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: 23.51 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

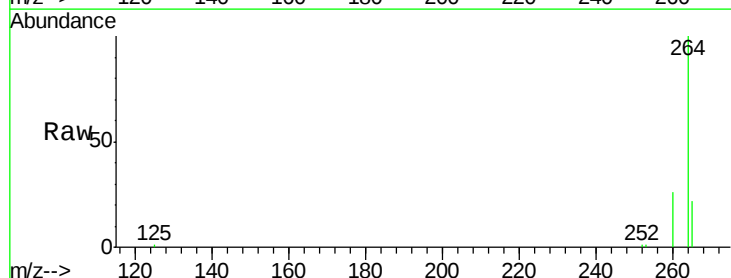
Tgt Ion:264 Resp: 41360

Ion Ratio Lower Upper

264 100

260 25.9 21.8 32.6

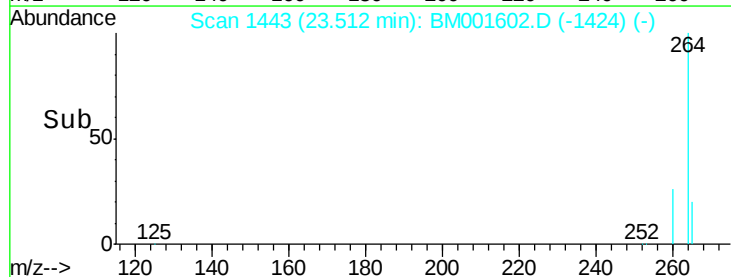
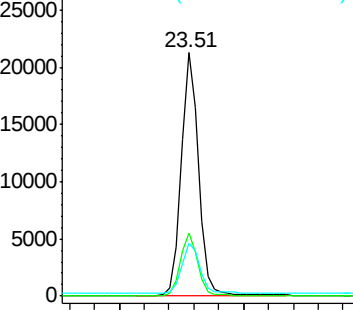
265 21.8 16.8 25.2

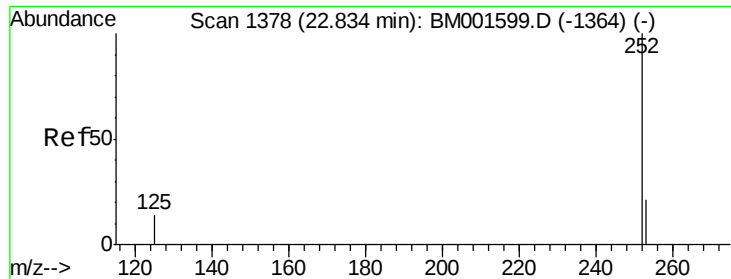


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 0.20 ng

RT: 22.83 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

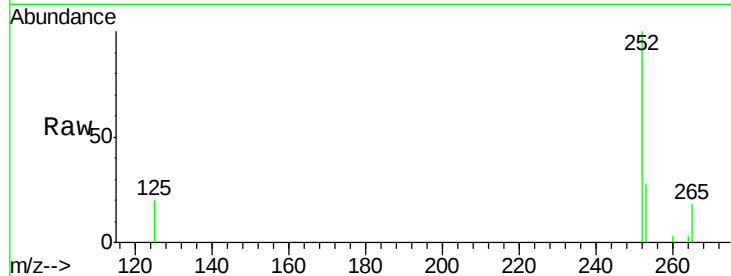
Tgt Ion:252 Resp: 2551

Ion Ratio Lower Upper

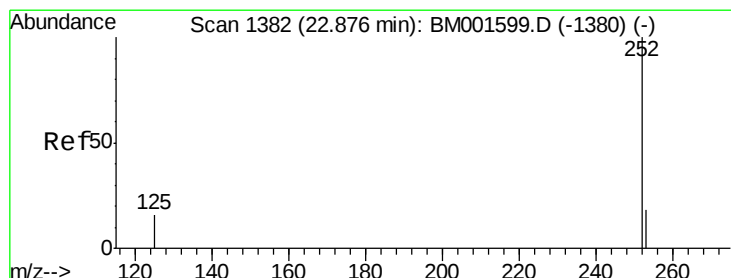
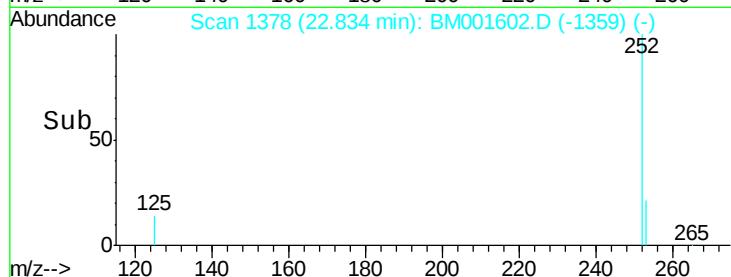
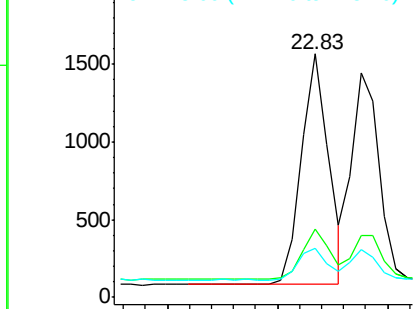
252 100

253 27.9 17.6 26.4#

125 20.3 12.4 18.6#



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



#34

Benzo(k)fluoranthene

Concen: 0.21 ng

RT: 22.88 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

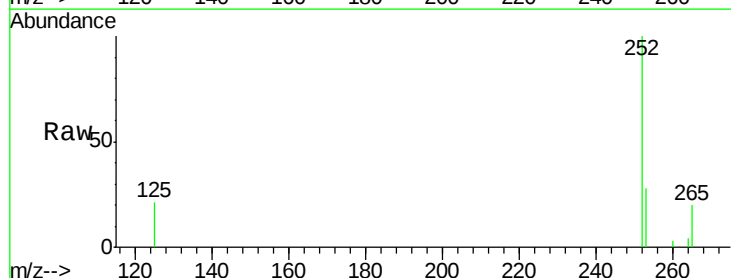
Tgt Ion:252 Resp: 2415

Ion Ratio Lower Upper

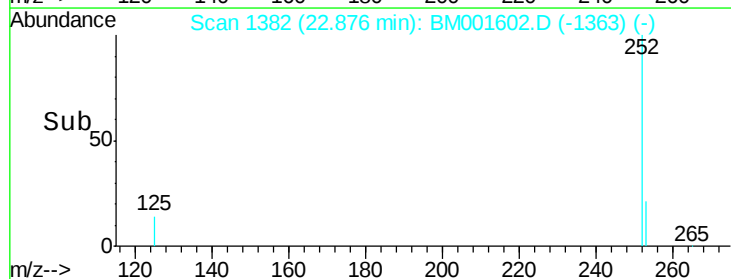
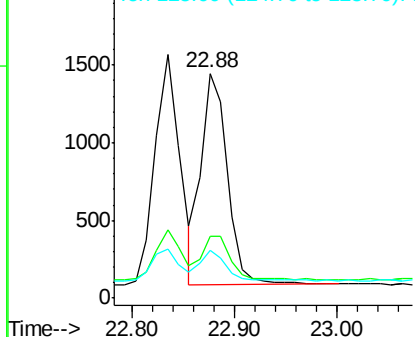
252 100

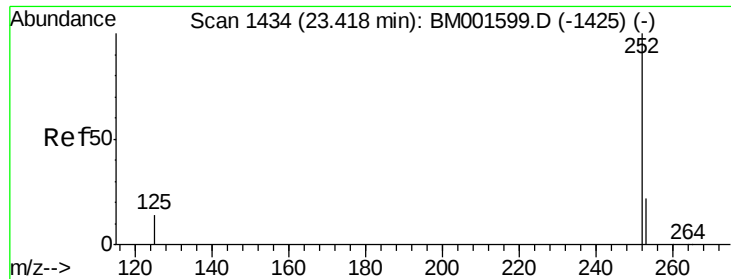
253 27.6 17.1 25.7#

125 21.3 12.8 19.2#



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





#35

Benzo(a)pyrene

Concen: 0.20 ng

RT: 23.41 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2

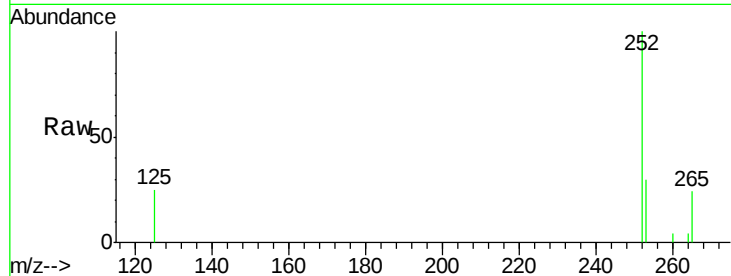
Tgt Ion:252 Resp: 2223

Ion Ratio Lower Upper

252 100

253 29.6 19.4 29.0#

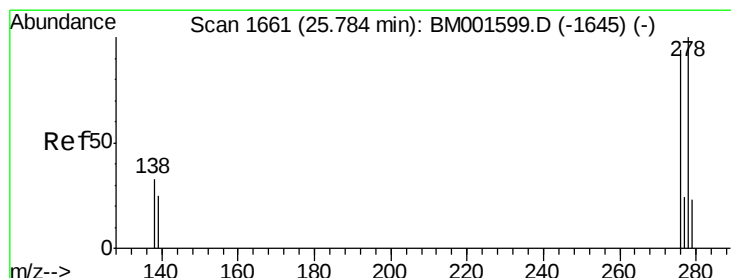
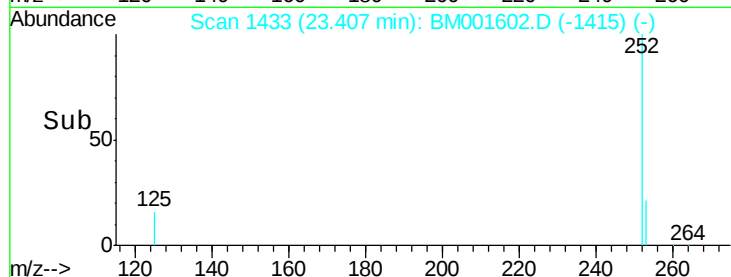
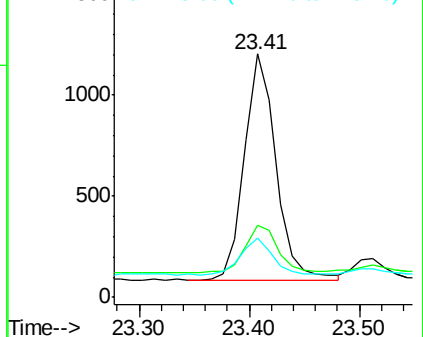
125 24.5 13.0 19.6#



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



#36

Dibenzo(a,h)anthracene

Concen: 0.19 ng

RT: 25.78 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BM001602.D

Acq: 09 Jun 2015 02:23

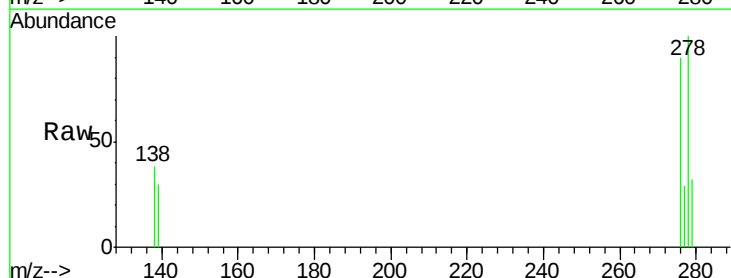
Tgt Ion:278 Resp: 2036

Ion Ratio Lower Upper

278 100

139 29.7 20.6 31.0

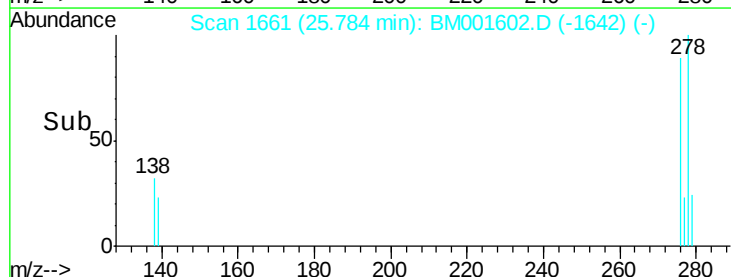
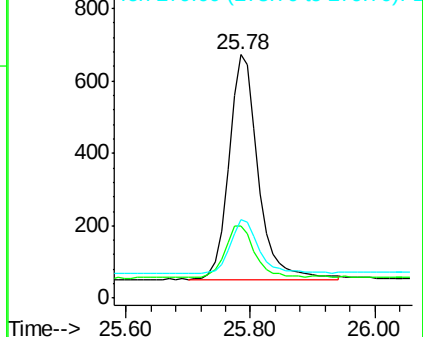
279 32.1 19.7 29.5#

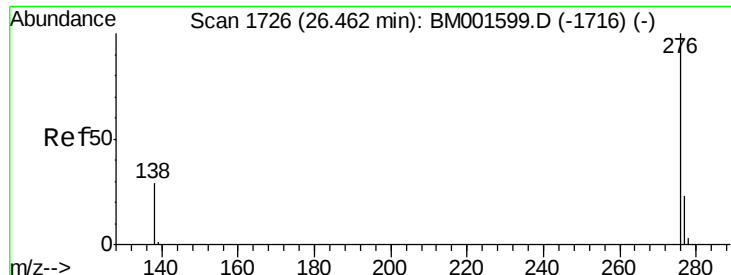


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.21 ng

RT: 26.46 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BM001602.D

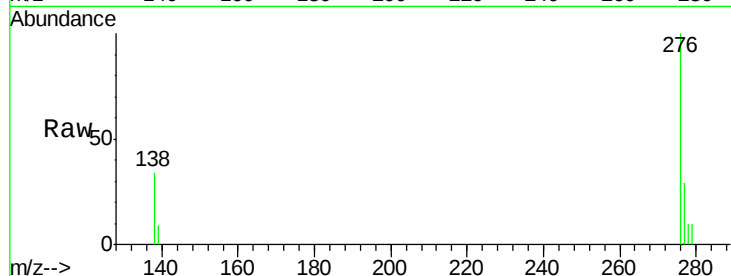
Acq: 09 Jun 2015 02:23

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.2



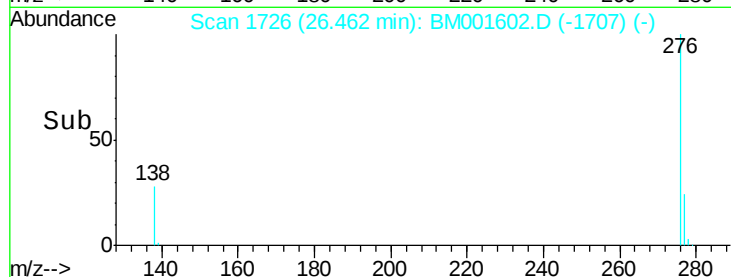
Tgt Ion: 276 Resp: 2294

Ion Ratio Lower Upper

276 100

277 29.3 19.4 29.0

138 34.2 24.5 36.7



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

