

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001598.D
 Acq On : 08 Jun 2015 23:59
 Operator : TP/IZ
 Sample : SSTDICC002
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

Quant Time: Jun 09 05:48:48 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	7.69	152	20640	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	73060	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	32790	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	41025	5.00	ng	0.00
25) Chrysene-d12	21.27	240	53086	5.00	ng	-0.02
32) Perylene-d12	23.51	264	46837	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	8873	1.94	ng	0.00
5) Phenol-d6	6.84	99	11021	1.96	ng	0.00
7) Nitrobenzene-d5	8.85	82	9829	1.96	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	2658	1.96	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	20065	1.96	ng	0.00
27) Terphenyl-d14	19.72	244	12920	1.89	ng	0.00

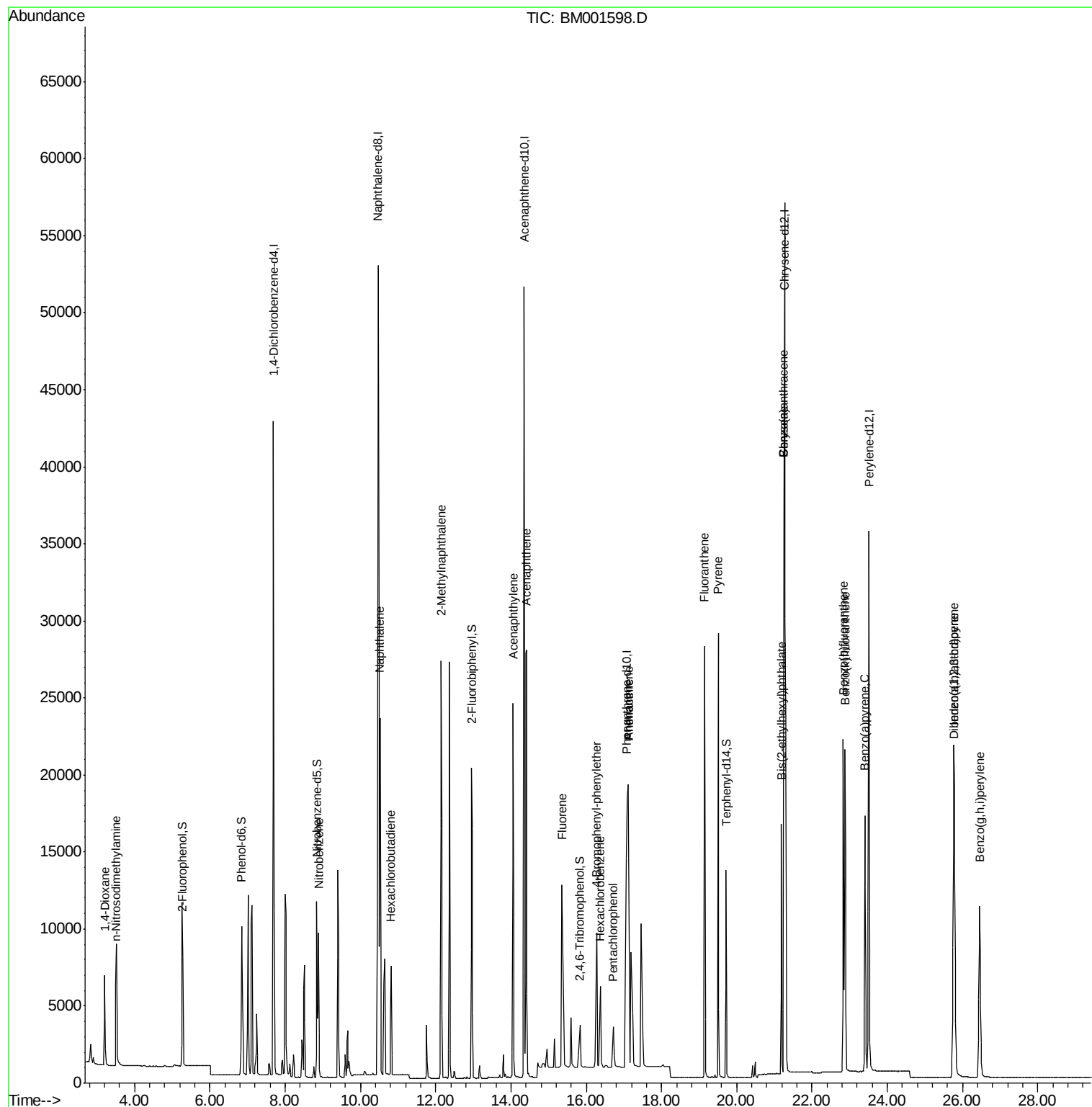
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	3962	1.81	ng	98
3) n-Nitrosodimethylamine	3.51	42	6280	1.98	ng	97
8) Nitrobenzene	8.89	77	10577	1.97	ng	99
9) Naphthalene	10.52	128	30706	1.93	ng	99
10) Hexachlorobutadiene	10.82	225	5264	1.90	ng	100
11) 2-Methylnaphthalene	12.15	142	18812	1.90	ng	100
15) Acenaphthylene	14.06	152	28568	2.01	ng	99
16) Acenaphthene	14.41	154	17205	1.92	ng	100
17) Fluorene	15.36	166	10856	1.86	ng	99
19) 4-Bromophenyl-phenylether	16.27	248	7869	2.63	ng	96
20) Hexachlorobenzene	16.38	284	4058	2.84	ng	99
21) Pentachlorophenol	16.72	266	1420	2.42	ng	96
22) Phenanthrene	17.12	178	28803	1.98	ng	100
23) Anthracene	17.12	178	45492	6.94	ng	# 79
24) Fluoranthene	19.14	202	29948	2.55	ng	100
26) Pyrene	19.52	202	31927	1.88	ng	99
28) Benzo(a)anthracene	21.25	228	28751	1.91	ng	96
29) Chrysene	21.25	228	28751	2.00	ng	94
30) Bis(2-ethylhexyl)phthalate	21.19	149	15775	1.79	ng	98
31) Indeno(1,2,3-cd)pyrene	25.76	276	27045	1.76	ng	100
33) Benzo(b)fluoranthene	22.83	252	27217	1.93	ng	98
34) Benzo(k)fluoranthene	22.88	252	24769	1.93	ng	98
35) Benzo(a)pyrene	23.41	252	23247	1.89	ng	97
36) Dibenzo(a,h)anthracene	25.78	278	21073	1.76	ng	96
37) Benzo(g,h,i)perylene	26.45	276	22435	1.78	ng	98

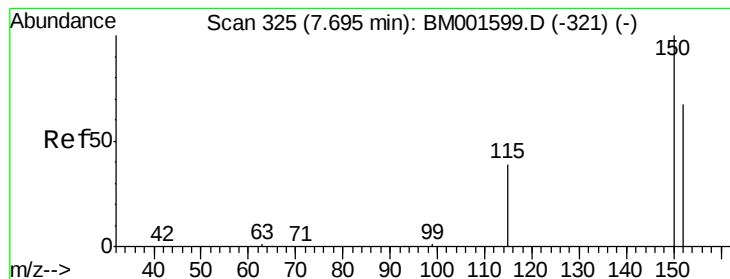
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.69 min Scan# 325

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

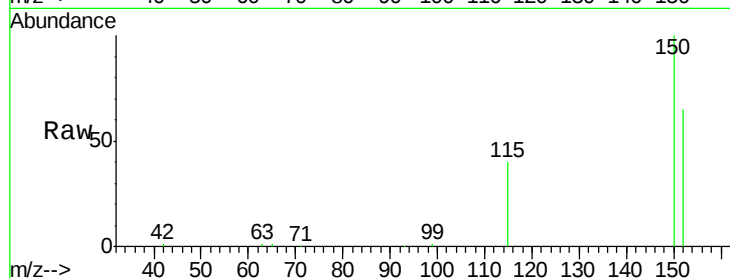
Tgt Ion:152 Resp: 20640

Ion Ratio Lower Upper

152 100

150 153.3 120.1 180.1

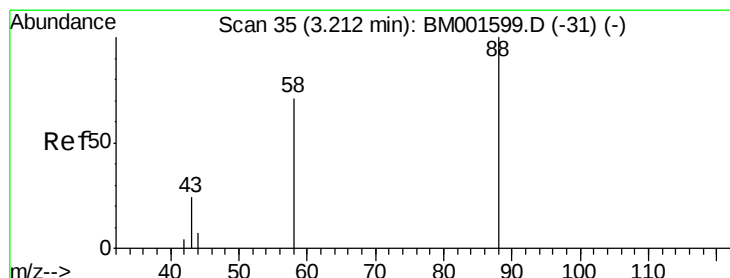
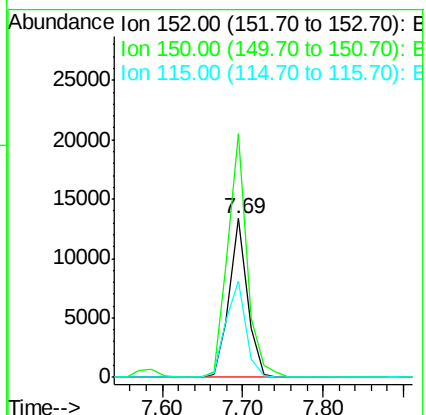
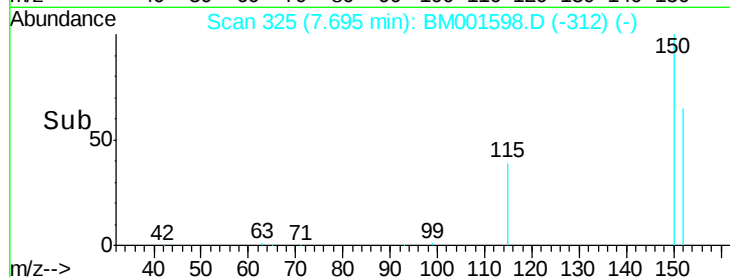
115 60.8 47.0 70.6



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: 1.81 ng

RT: 3.21 min Scan# 35

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

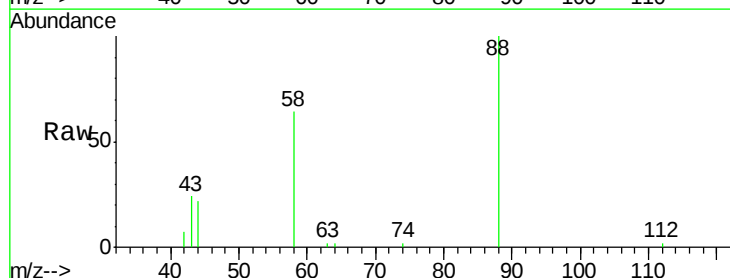
Tgt Ion: 88 Resp: 3962

Ion Ratio Lower Upper

88 100

58 84.1 65.5 98.3

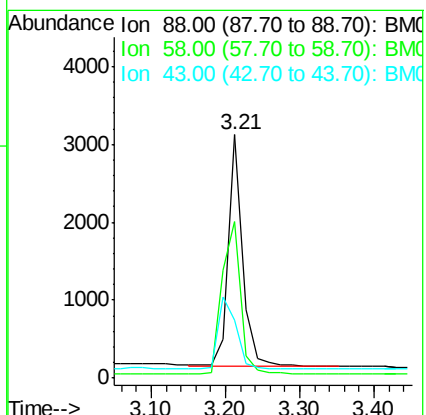
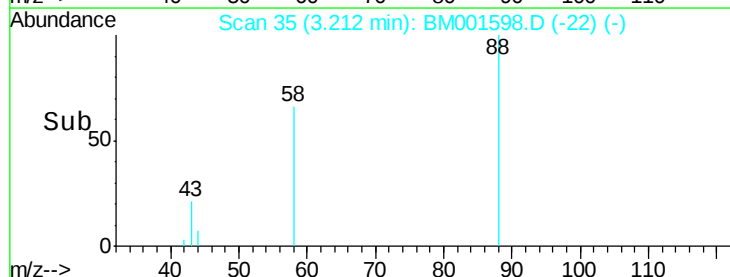
43 39.4 32.2 48.2

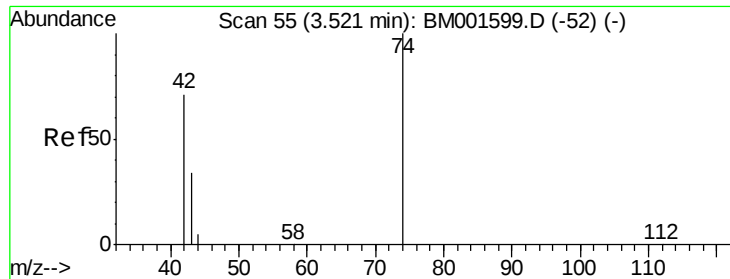


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 1.98 ng

RT: 3.51 min Scan# 54

Delta R.T. -0.02 min

Lab File: BM001598.D

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Instrument :

BNA_M

ClientSampleId :

SSTDICC002

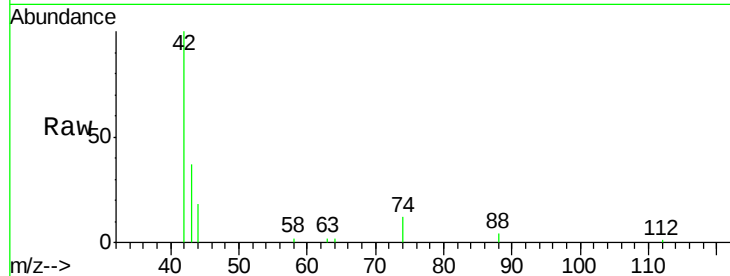
Tgt Ion: 42 Resp: 6280

Ion Ratio Lower Upper

42 100

74 96.4 79.5 119.3

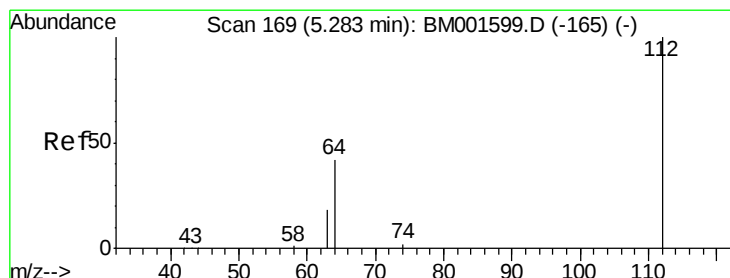
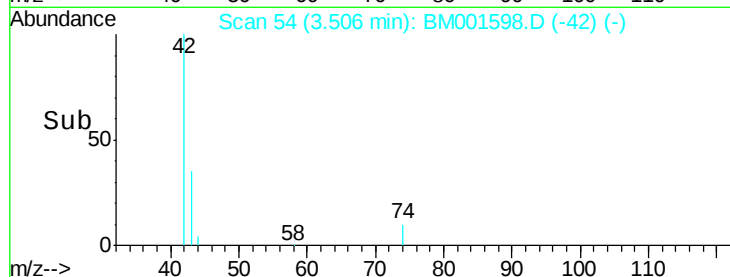
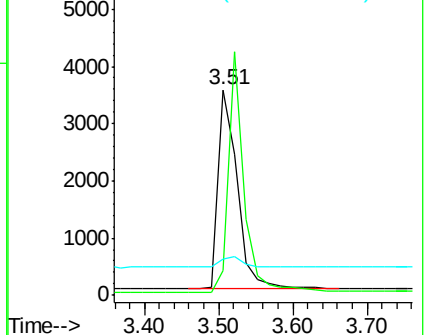
44 6.8 5.7 8.5



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

Ion 74.00 (73.70 to 74.70): BM001599.D (-52) (-)

Ion 44.00 (43.70 to 44.70): BM001599.D (-52) (-)



#4

2-Fluorophenol

Concen: 1.94 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

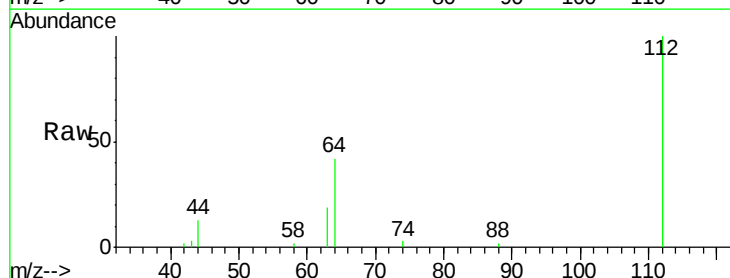
Tgt Ion: 112 Resp: 8873

Ion Ratio Lower Upper

112 100

64 68.6 54.8 82.2

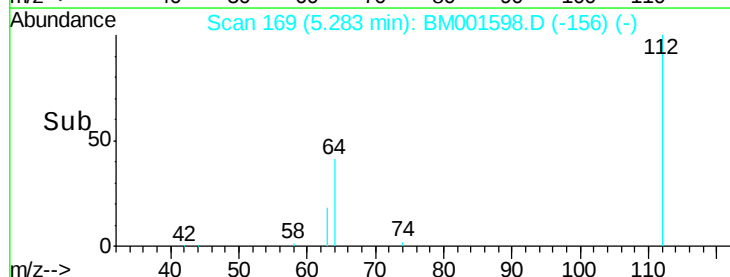
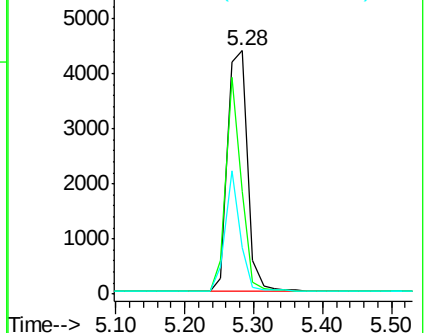
63 37.5 30.5 45.7

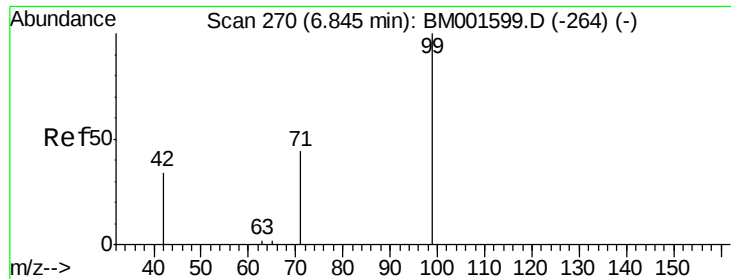


Abundance Ion 112.00 (111.70 to 112.70): BM001599.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001599.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001599.D (-165) (-)





#5

Phenol-d6

Concen: 1.96 ng

RT: 6.84 min Scan# 270

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

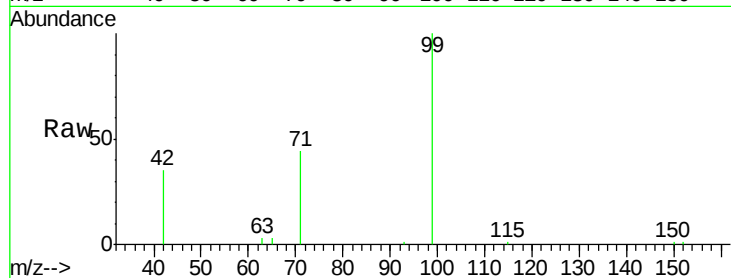
Tgt Ion: 99 Resp: 11021

Ion Ratio Lower Upper

99 100

42 26.4 21.6 32.4

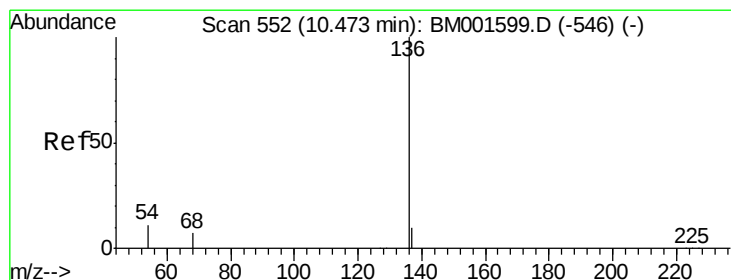
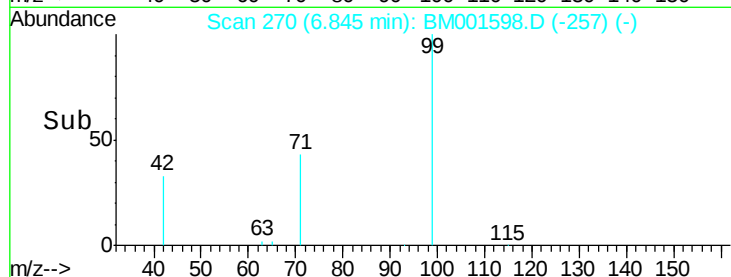
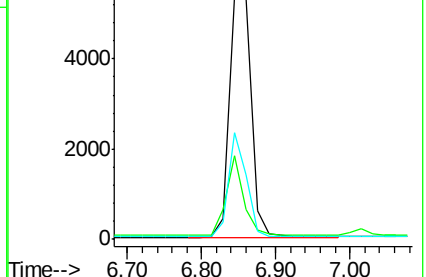
71 35.7 28.7 43.1



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: BM001598.D

Acq: 08 Jun 2015 23:59

Tgt Ion: 136 Resp: 73060

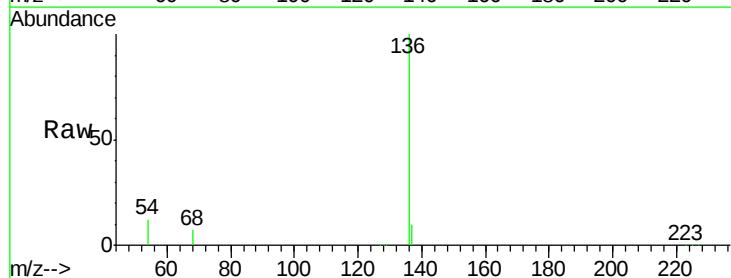
Ion Ratio Lower Upper

136 100

137 10.3 8.3 12.5

54 11.9 9.2 13.8

68 7.1 5.5 8.3

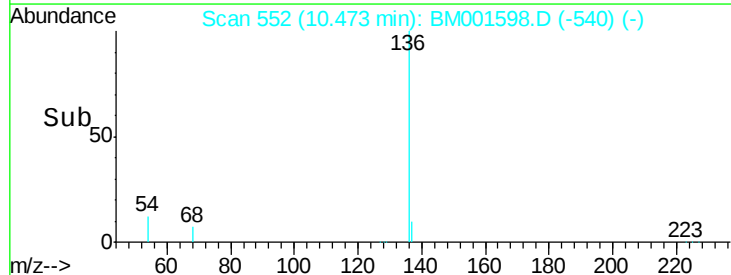
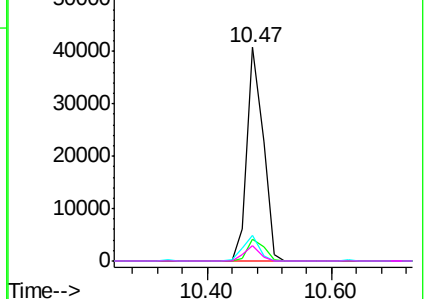


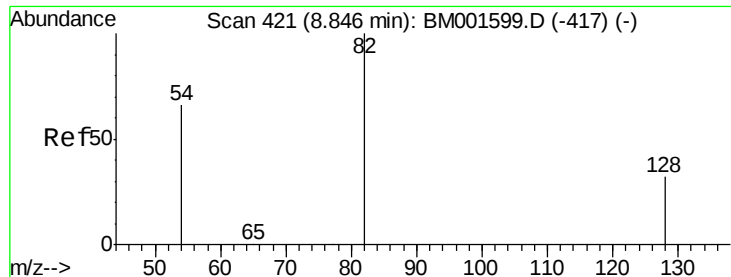
Abundance Ion 136.00 (135.70 to 136.70): BM001599.D (-546) (-)

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: 1.96 ng

RT: 8.85 min Scan# 421

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

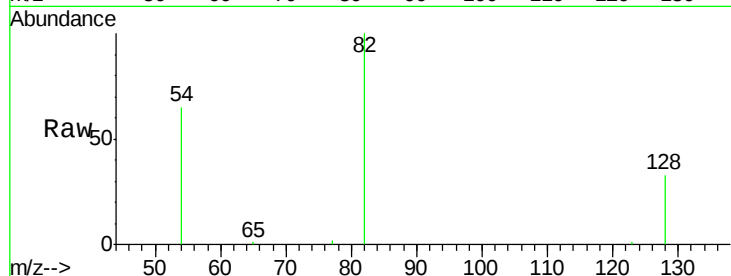
Tgt Ion: 82 Resp: 9829

Ion Ratio Lower Upper

82 100

128 33.1 26.6 40.0

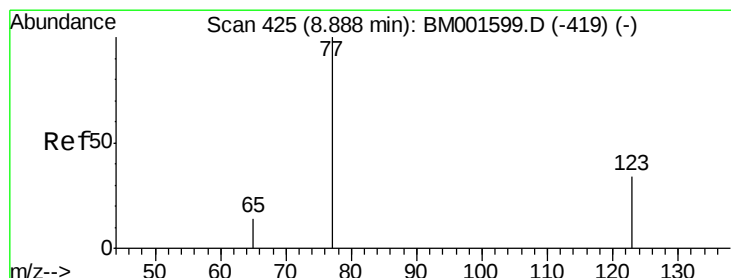
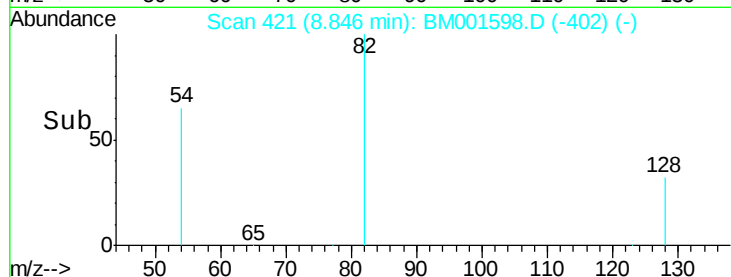
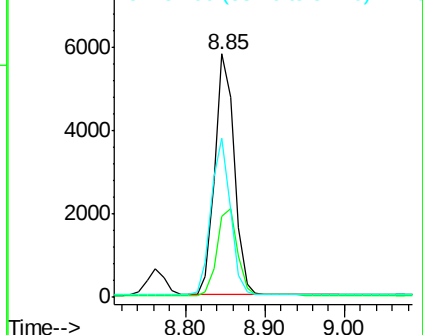
54 65.1 53.0 79.6



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) (-)



#8

Nitrobenzene

Concen: 1.97 ng

RT: 8.89 min Scan# 425

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

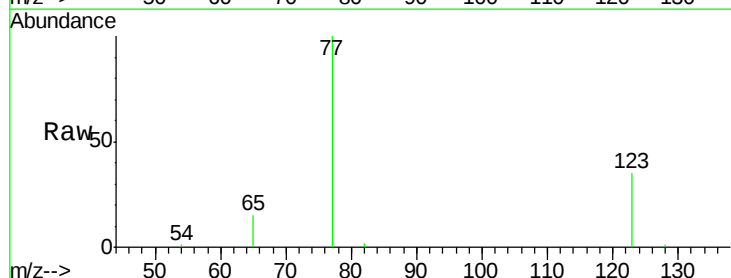
Tgt Ion: 77 Resp: 10577

Ion Ratio Lower Upper

77 100

123 39.3 31.0 46.6

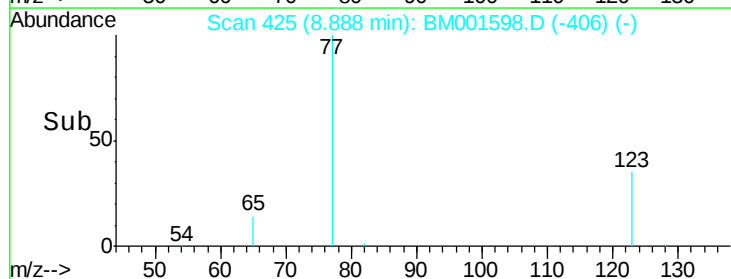
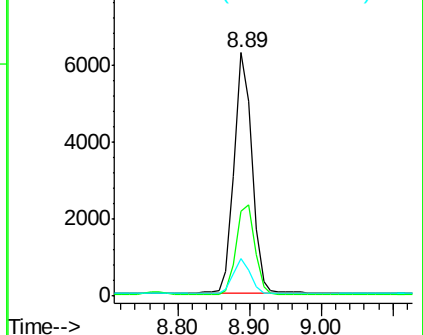
65 14.3 11.4 17.0

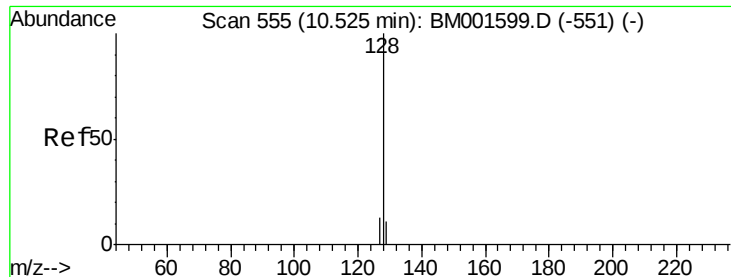


Abundance Ion 77.00 (76.70 to 77.70): BM001599.D (-419) (-)

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

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





#9

Naphthalene

Concen: 1.93 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

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SSTDICC002

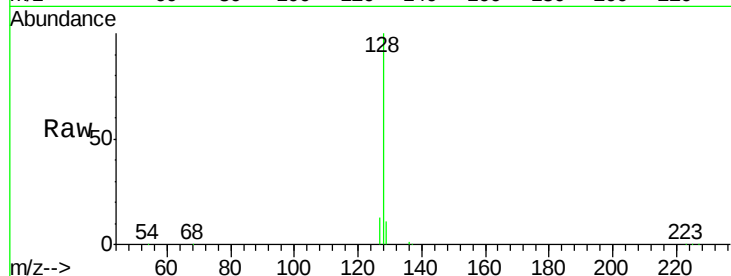
Tgt Ion:128 Resp: 30706

Ion Ratio Lower Upper

128 100

129 11.0 9.1 13.7

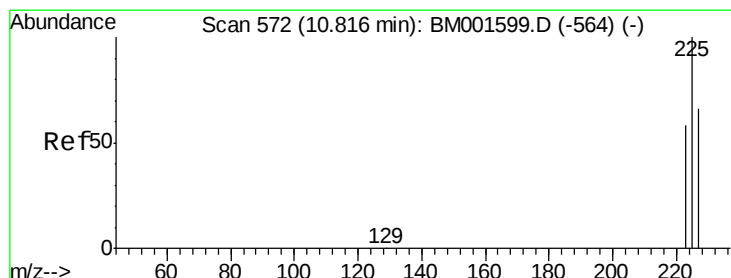
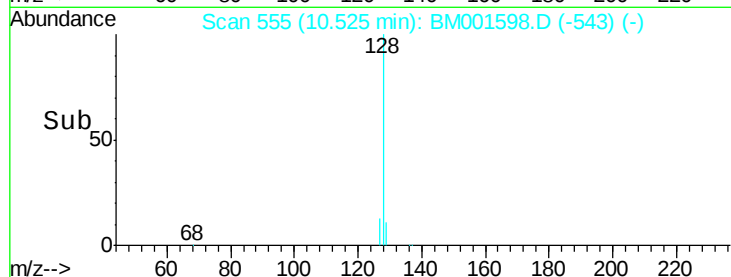
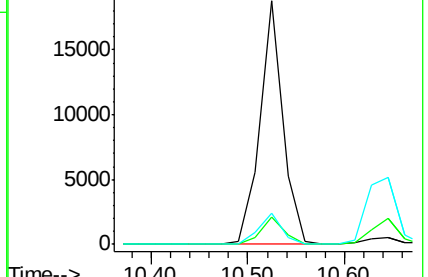
127 12.9 10.4 15.6



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: 1.90 ng

RT: 10.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

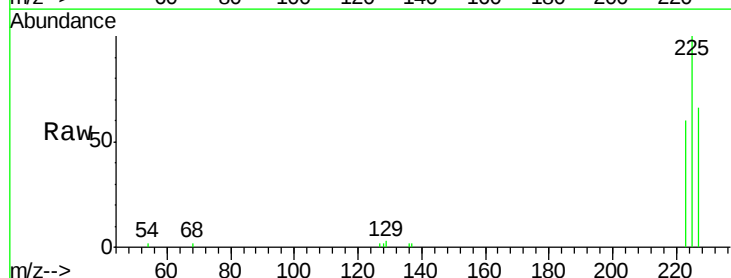
Tgt Ion:225 Resp: 5264

Ion Ratio Lower Upper

225 100

223 62.9 49.8 74.8

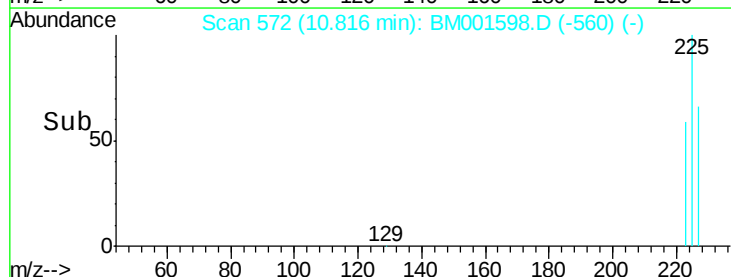
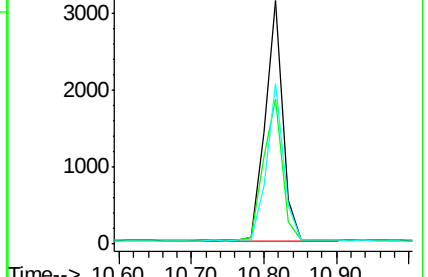
227 63.5 50.9 76.3

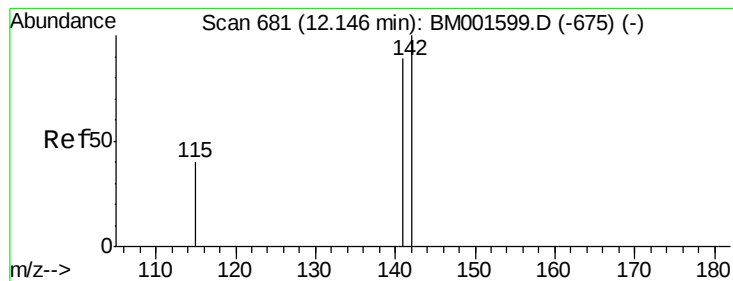


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.90 ng

RT: 12.15 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

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SSTDICC002

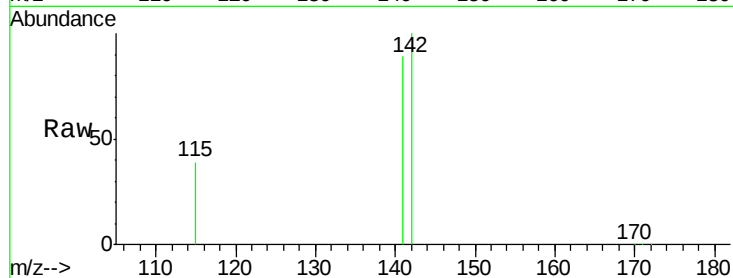
Tgt Ion:142 Resp: 18812

Ion Ratio Lower Upper

142 100

141 89.3 71.3 106.9

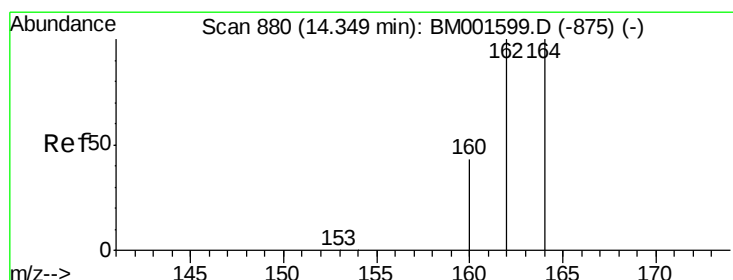
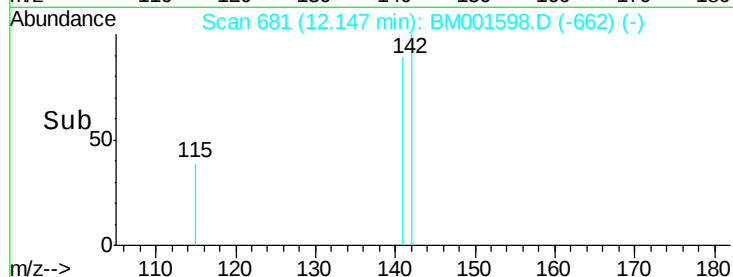
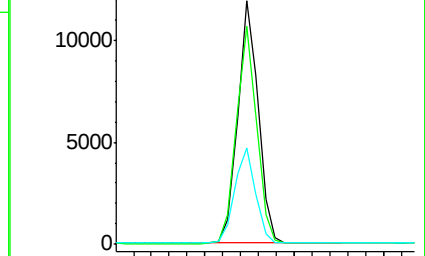
115 39.5 32.1 48.1



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: BM001598.D

Acq: 08 Jun 2015 23:59

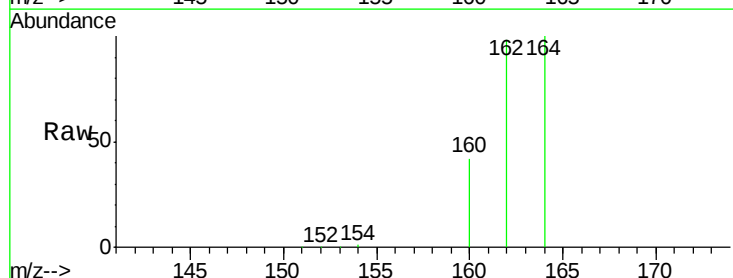
Tgt Ion:164 Resp: 32790

Ion Ratio Lower Upper

164 100

162 98.4 79.8 119.6

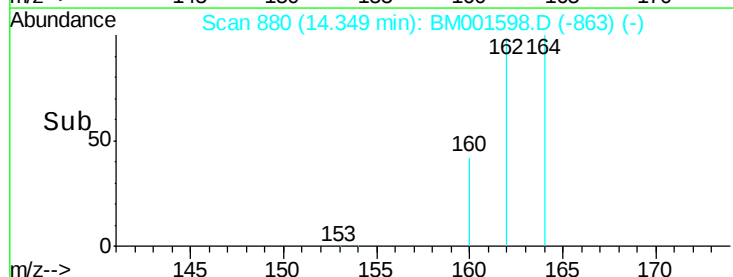
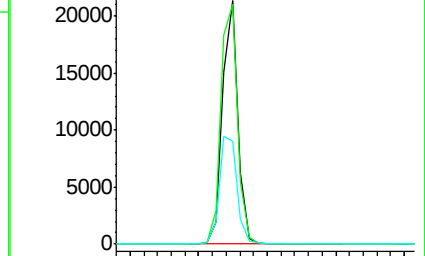
160 42.3 34.6 51.8

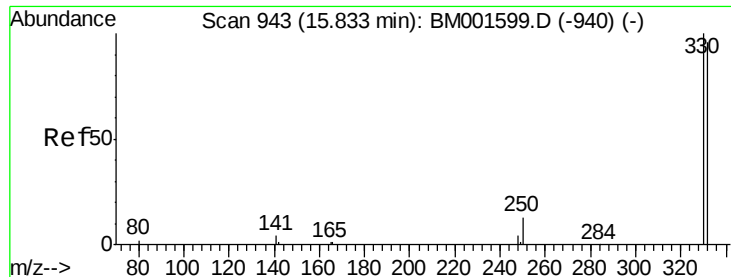


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

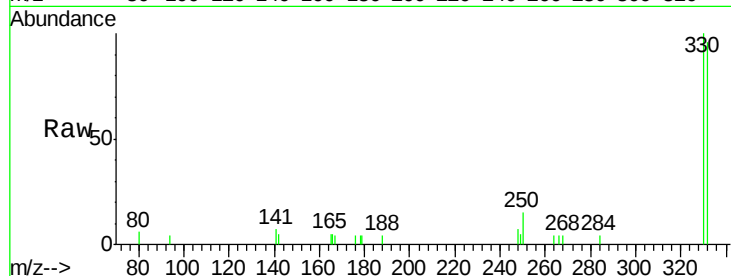




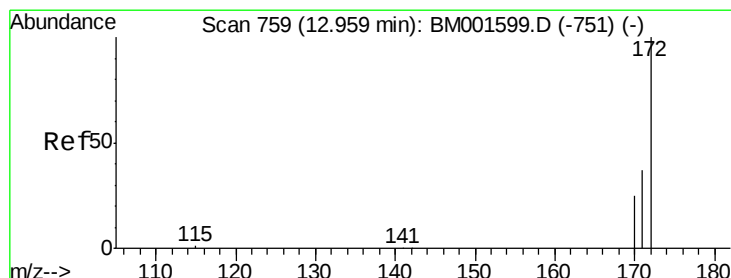
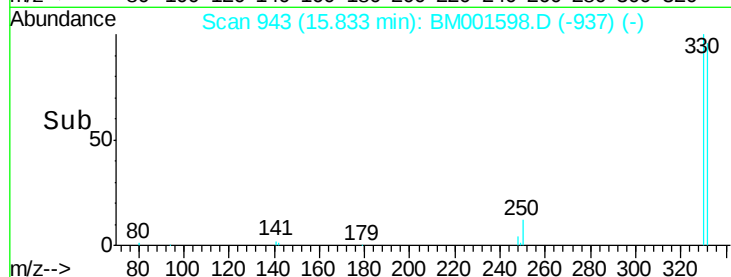
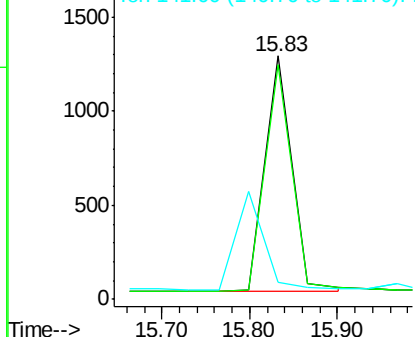
#13
 2,4,6-Tribromophenol
 Concen: 1.96 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001598.D
 Acq: 08 Jun 2015 23:59

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

Tgt Ion: 330 Resp: 2658
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.7 115.1
 141 0.0 0.0 0.0

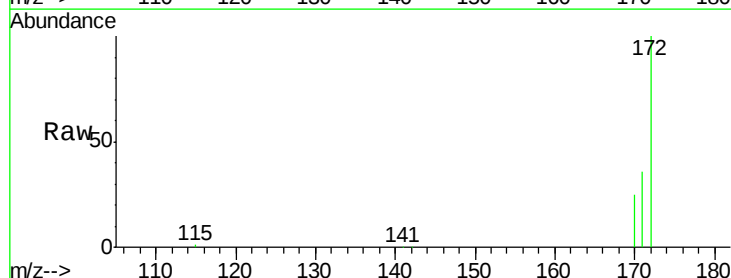


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

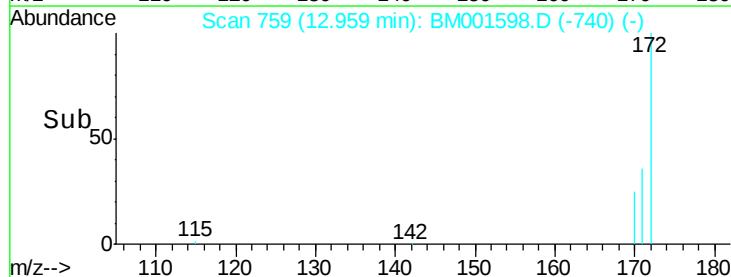
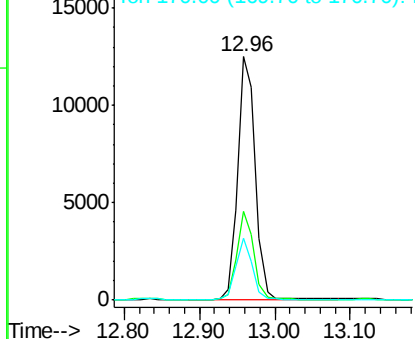


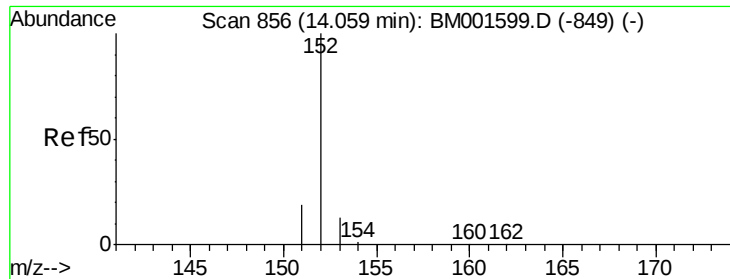
#14
 2-Fluorobiphenyl
 Concen: 1.96 ng
 RT: 12.96 min Scan# 759
 Delta R.T. 0.00 min
 Lab File: BM001598.D
 Acq: 08 Jun 2015 23:59

Tgt Ion: 172 Resp: 20065
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 25.3 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





#15

Acenaphthylene

Concen: 2.01 ng

RT: 14.06 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

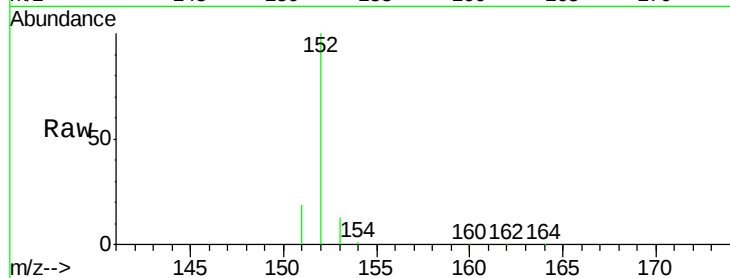
Tgt Ion:152 Resp: 28568

Ion Ratio Lower Upper

152 100

151 19.0 15.5 23.3

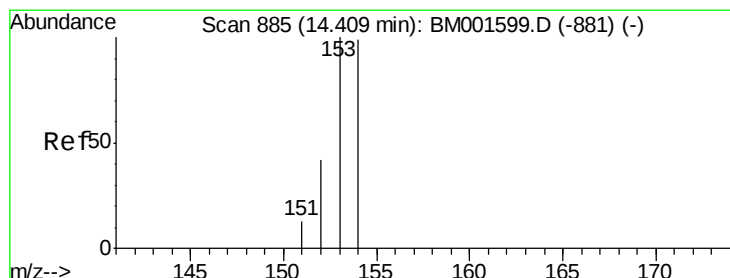
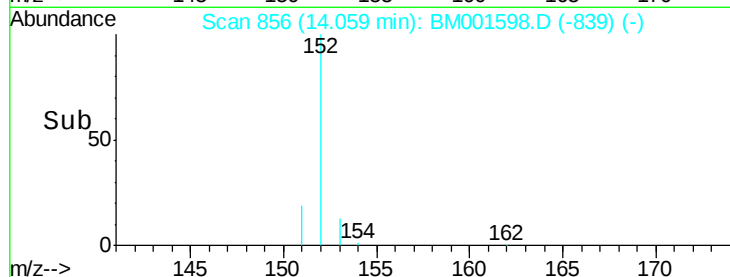
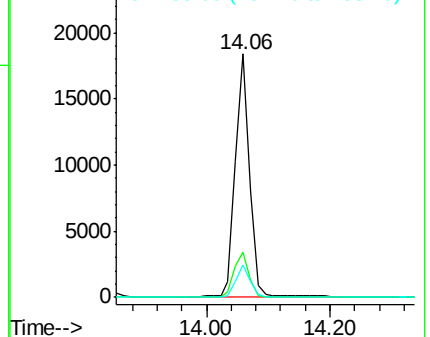
153 12.9 10.3 15.5



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: 1.92 ng

RT: 14.41 min Scan# 885

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

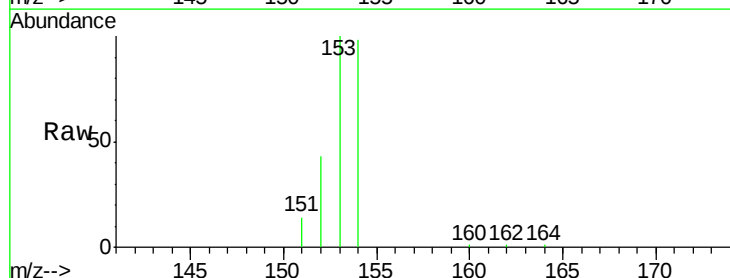
Tgt Ion:154 Resp: 17205

Ion Ratio Lower Upper

154 100

153 111.8 89.4 134.0

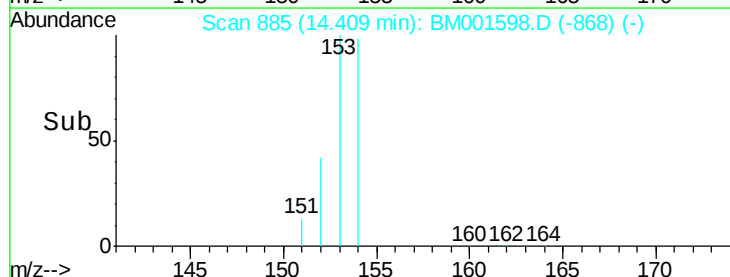
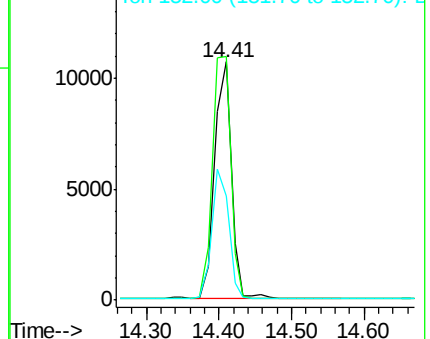
152 54.6 43.6 65.4

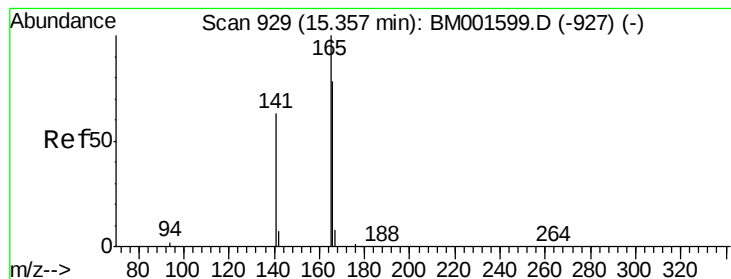


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 1.86 ng

RT: 15.36 min Scan# 929

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

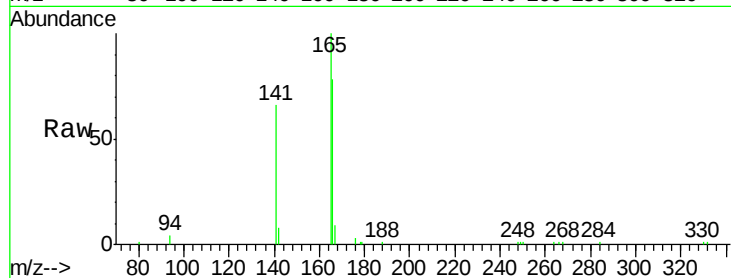
Tgt Ion:166 Resp: 10856

Ion Ratio Lower Upper

166 100

165 108.7 87.8 131.8

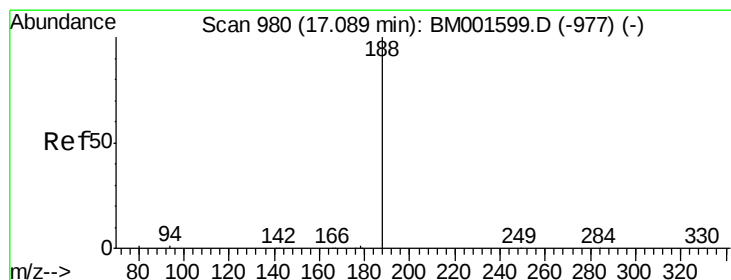
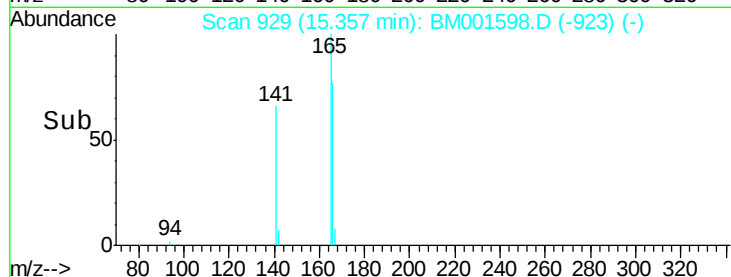
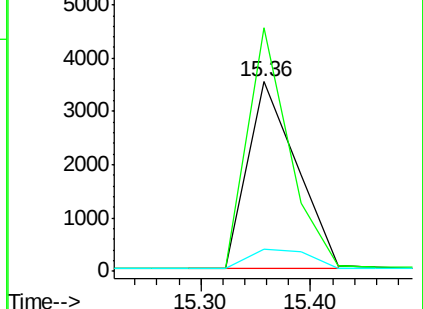
167 13.2 10.0 15.0



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



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.09 min Scan# 980

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

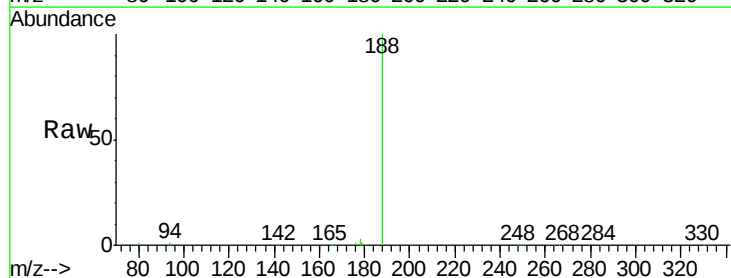
Tgt Ion:188 Resp: 41025

Ion Ratio Lower Upper

188 100

94 1.0 1.0 1.6#

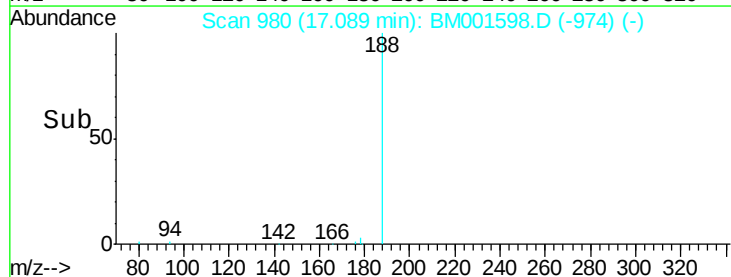
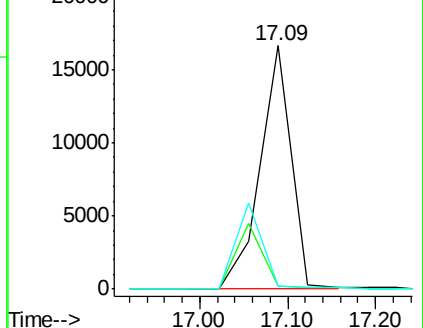
80 1.0 1.0 1.4

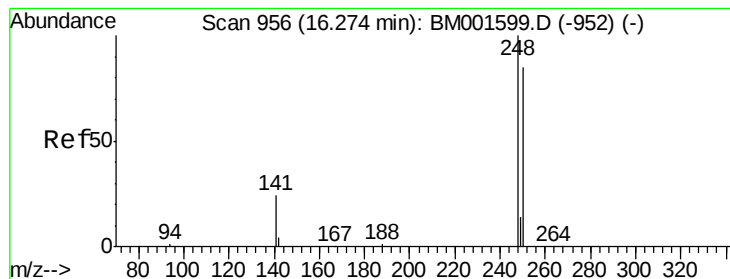


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#19

4-Bromophenyl-phenylether

Concen: 2.63 ng

RT: 16.27 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

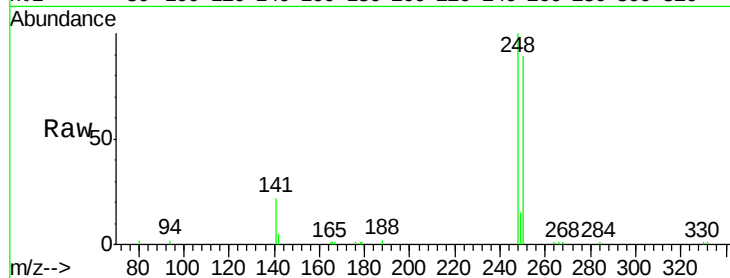
Tgt Ion:248 Resp: 7869

Ion Ratio Lower Upper

248 100

250 89.4 68.6 103.0

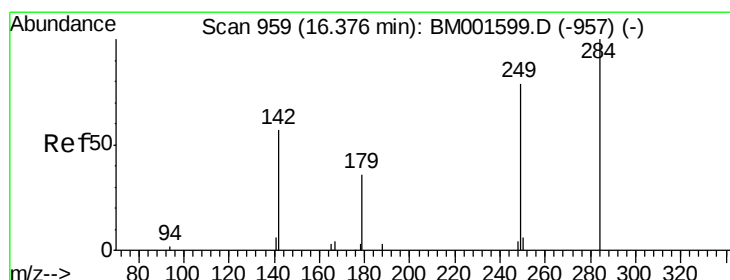
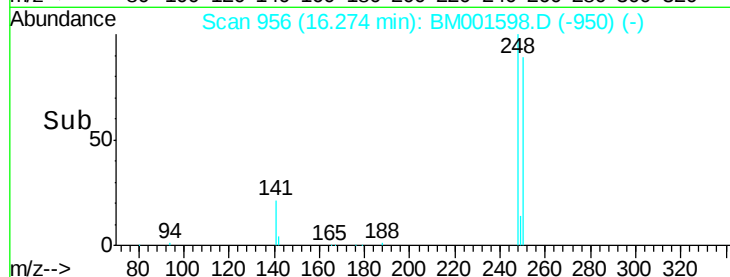
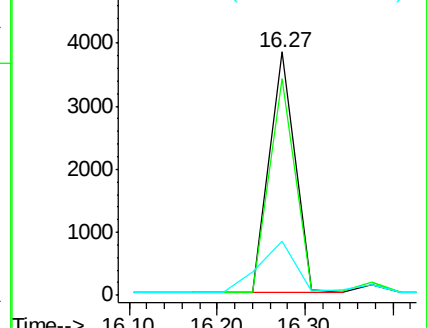
141 29.5 25.5 38.3



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: 2.84 ng

RT: 16.38 min Scan# 959

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

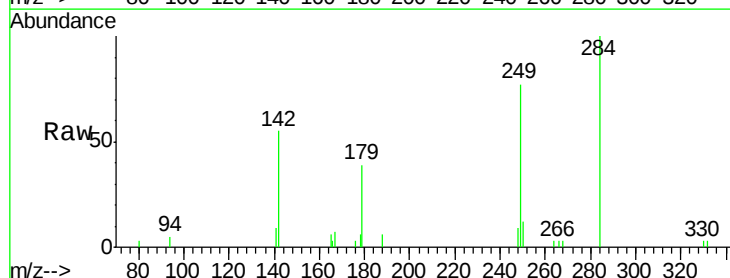
Tgt Ion:284 Resp: 4058

Ion Ratio Lower Upper

284 100

142 58.0 47.3 70.9

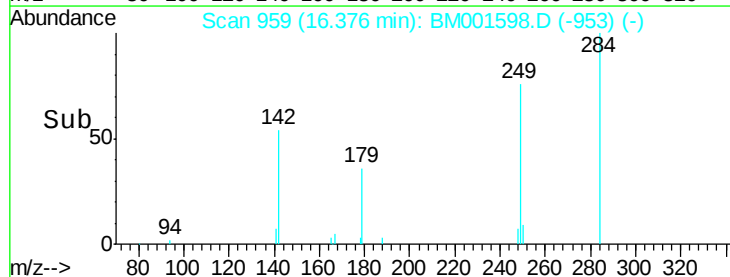
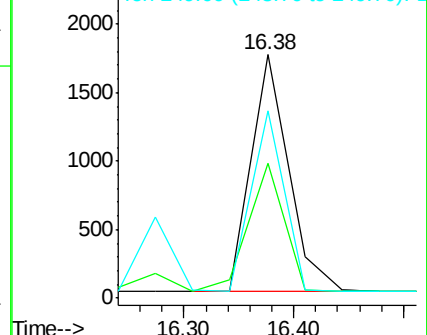
249 94.6 75.8 113.6

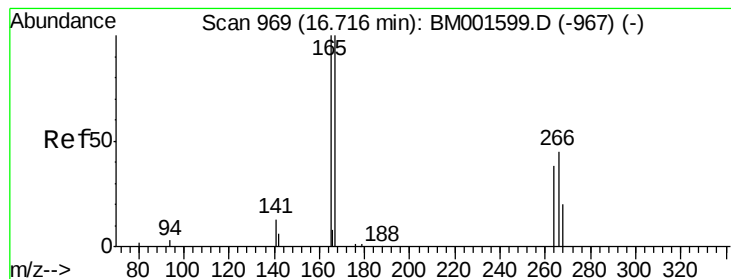


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 2.42 ng

RT: 16.72 min Scan# 969

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

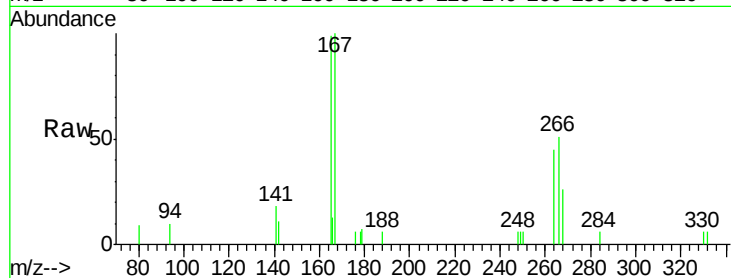
Tgt Ion:266 Resp: 1420

Ion Ratio Lower Upper

266 100

268 51.1 45.8 68.8

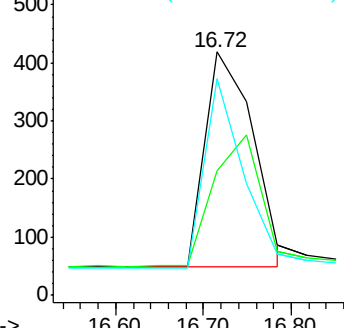
264 89.0 70.6 106.0



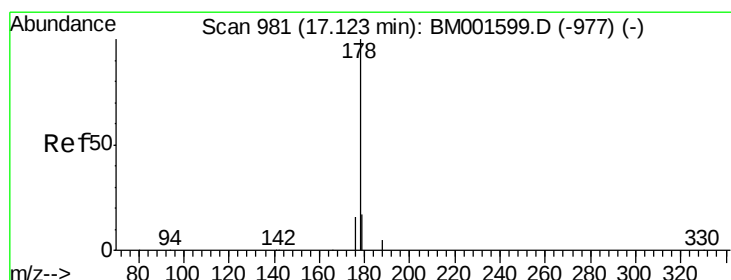
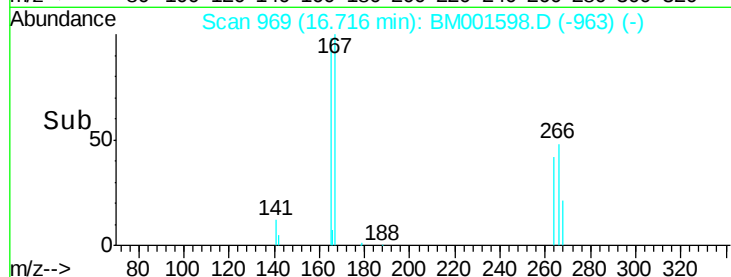
Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->



#22

Phenanthrene

Concen: 1.98 ng

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

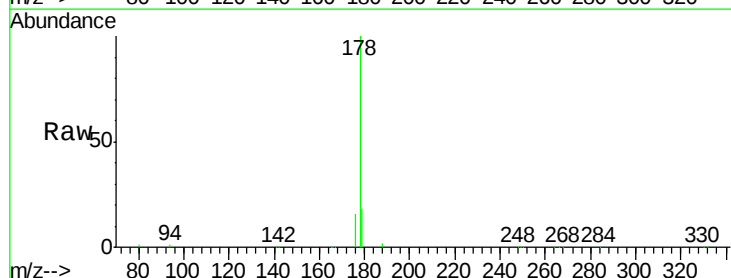
Tgt Ion:178 Resp: 28803

Ion Ratio Lower Upper

178 100

176 16.2 13.2 19.8

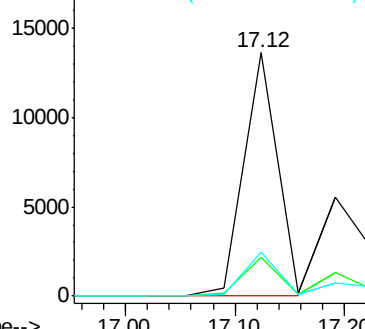
179 17.4 13.8 20.8



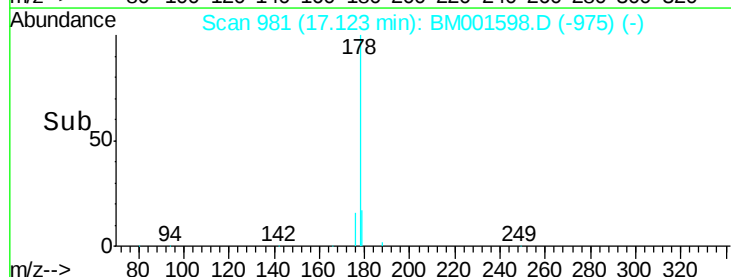
Abundance Ion 178.00 (177.70 to 178.70): E

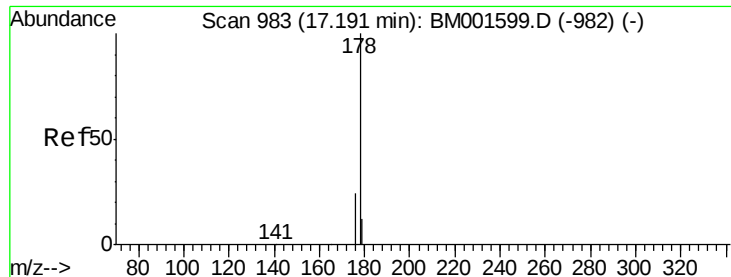
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





#23

Anthracene

Concen: 6.94 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDIC002

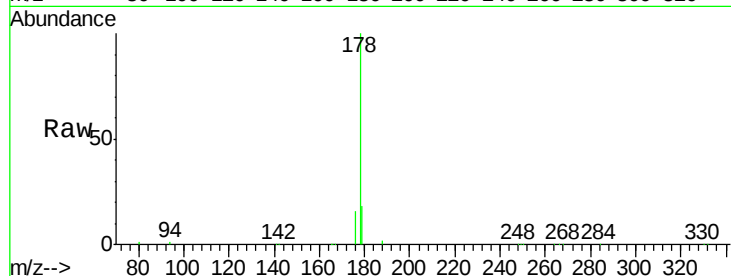
Tgt Ion:178 Resp: 45492

Ion Ratio Lower Upper

178 100

176 17.8 21.9 32.9#

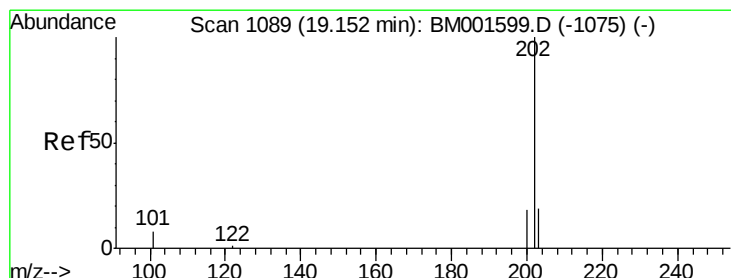
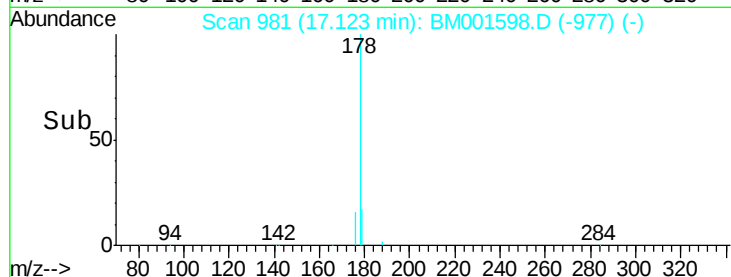
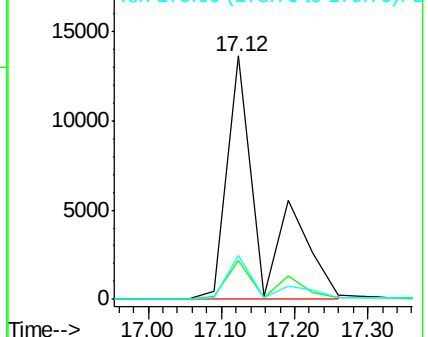
179 16.3 23.0 34.4#



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: 2.55 ng

RT: 19.14 min Scan# 1088

Delta R.T. -0.01 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

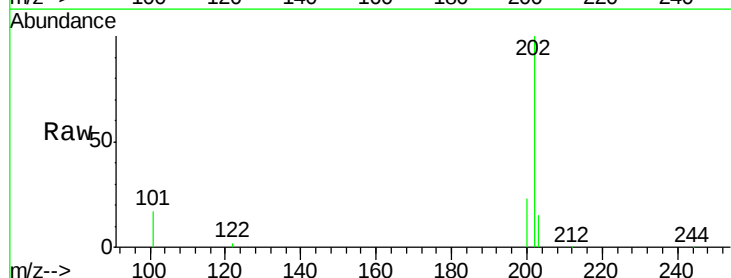
Tgt Ion:202 Resp: 29948

Ion Ratio Lower Upper

202 100

101 13.0 10.4 15.6

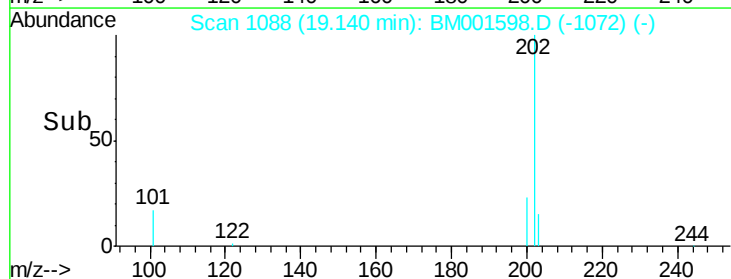
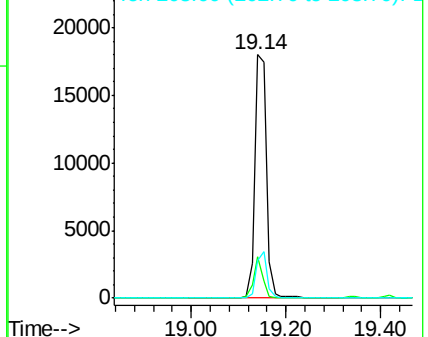
203 17.2 13.8 20.6

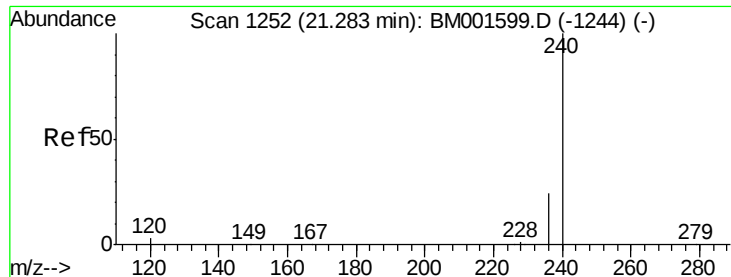


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

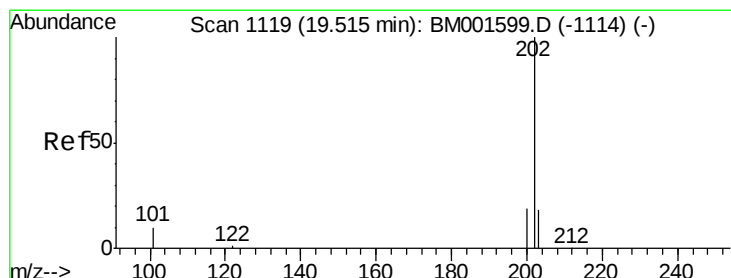
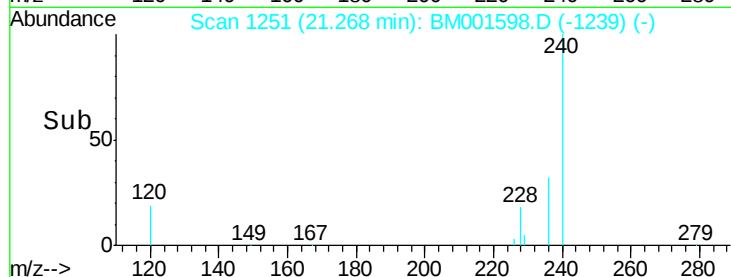
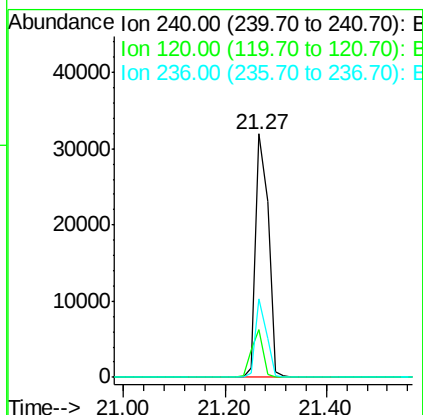
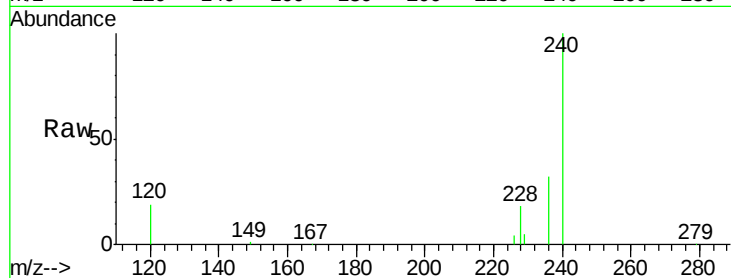




#25
Chrysene-d12
Concen: 5.00 ng
RT: 21.27 min Scan# 1251
Delta R.T. -0.02 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

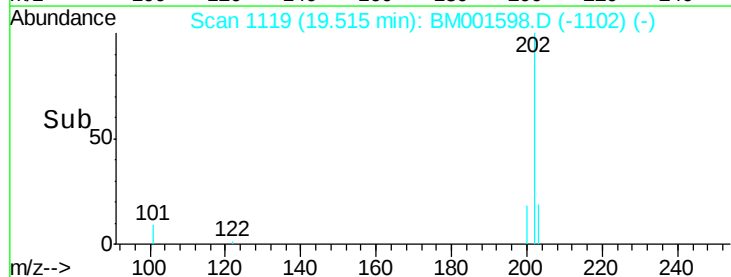
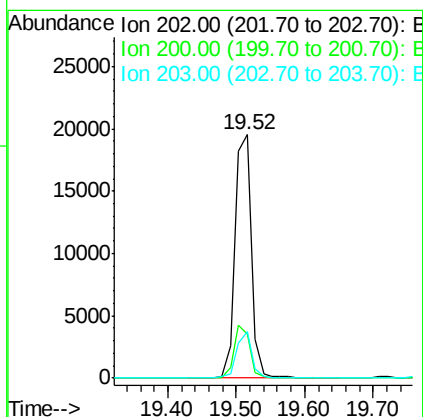
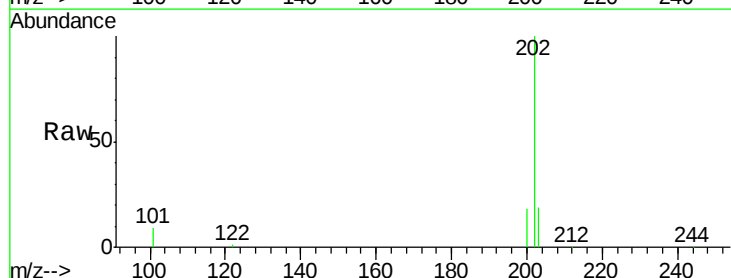
Instrument :
BNA_M
ClientSampleId :
SSTDIC002

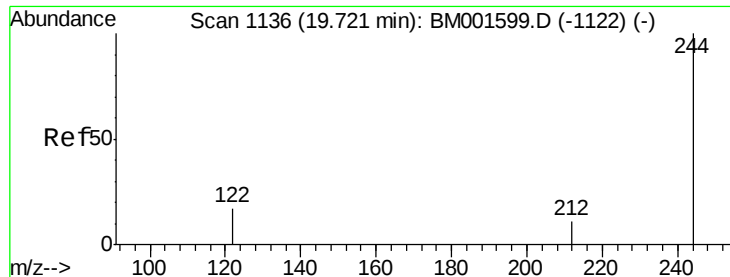
Tgt Ion:240 Resp: 53086
Ion Ratio Lower Upper
240 100
120 19.4 2.2 3.4#
236 32.1 19.6 29.4#



#26
Pyrene
Concen: 1.88 ng
RT: 19.52 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BM001598.D
Acq: 08 Jun 2015 23:59

Tgt Ion:202 Resp: 31927
Ion Ratio Lower Upper
202 100
200 20.7 16.7 25.1
203 17.2 14.0 21.0





#27

Terphenyl-d14

Concen: 1.89 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

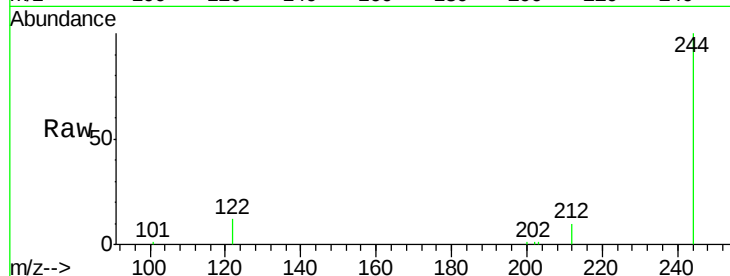
Tgt Ion:244 Resp: 12920

Ion Ratio Lower Upper

244 100

212 10.4 9.2 13.8

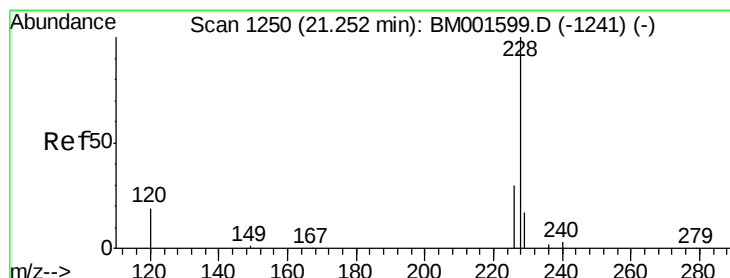
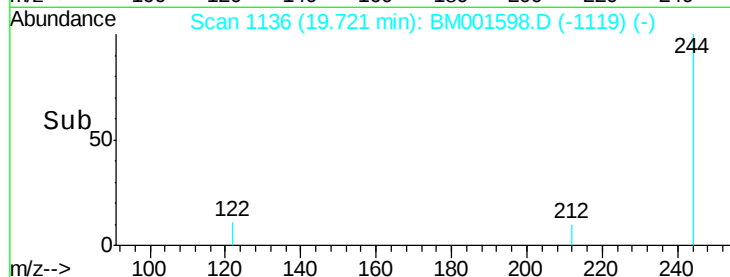
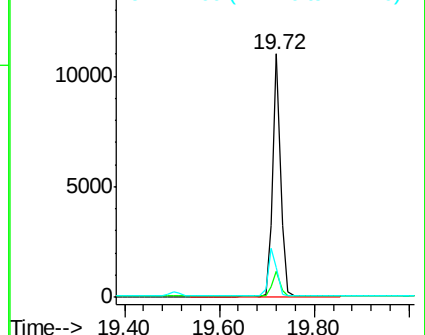
122 12.4 14.5 21.7#



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: 1.91 ng

RT: 21.25 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

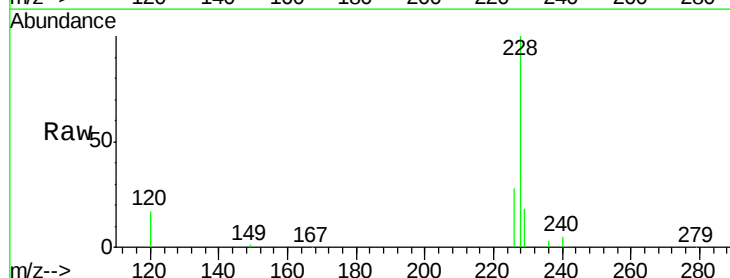
Tgt Ion:228 Resp: 28751

Ion Ratio Lower Upper

228 100

226 27.9 24.6 37.0

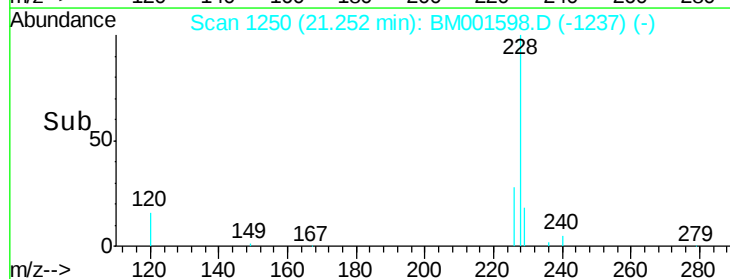
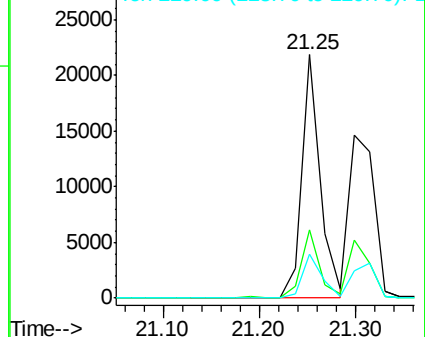
229 18.0 13.8 20.8

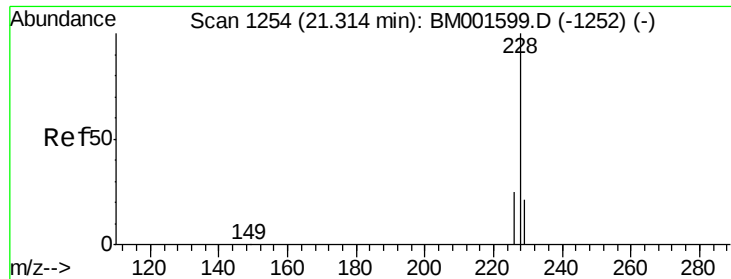


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 2.00 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.06 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

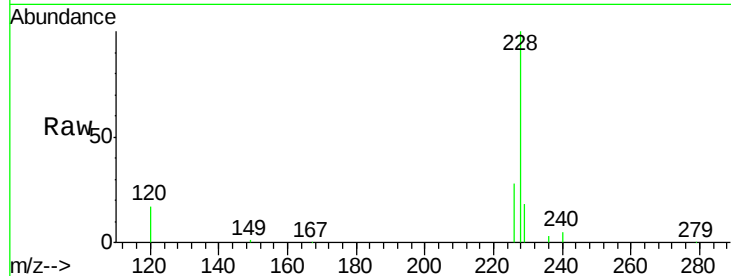
Tgt Ion:228 Resp: 28751

Ion Ratio Lower Upper

228 100

226 27.9 20.6 31.0

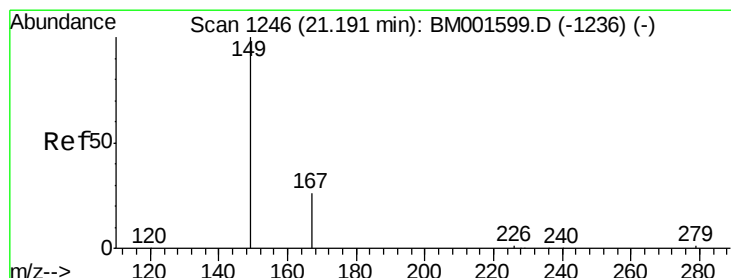
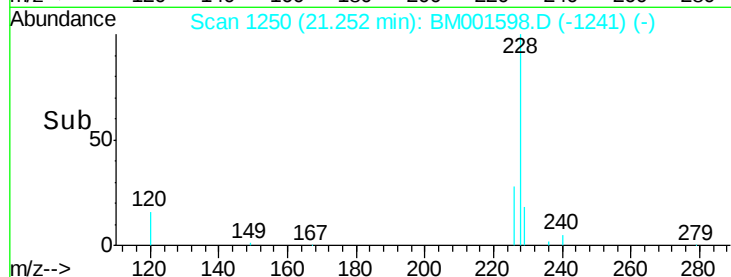
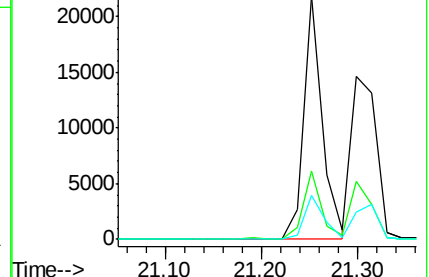
229 18.0 17.4 26.2



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: 1.79 ng

RT: 21.19 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

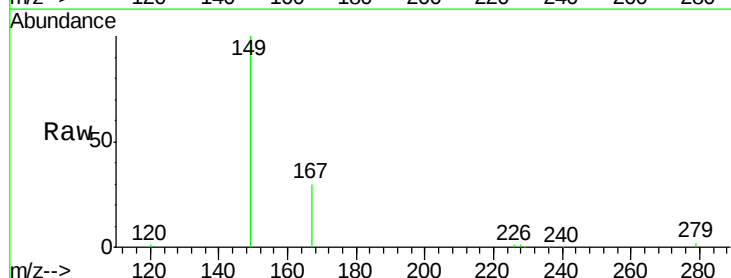
Tgt Ion:149 Resp: 15775

Ion Ratio Lower Upper

149 100

167 26.4 20.2 30.4

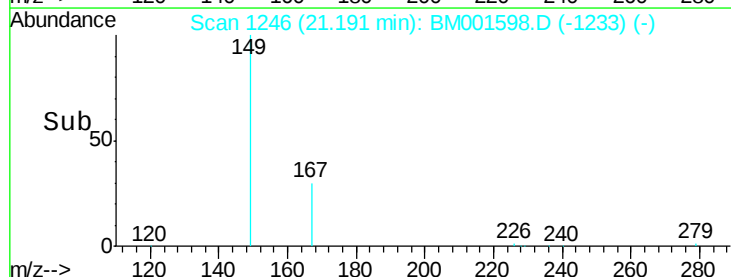
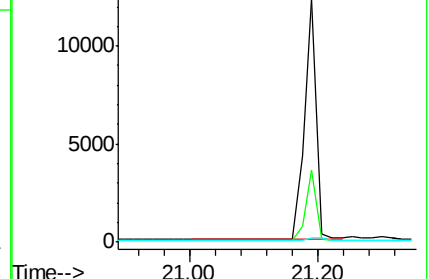
279 2.0 1.7 2.5

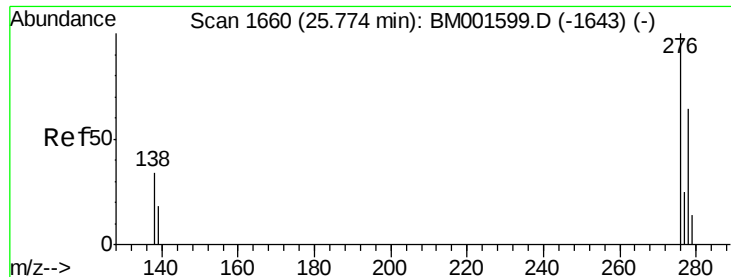


Abundance Ion 149.00 (148.70 to 149.70): E

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: 1.76 ng

RT: 25.76 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

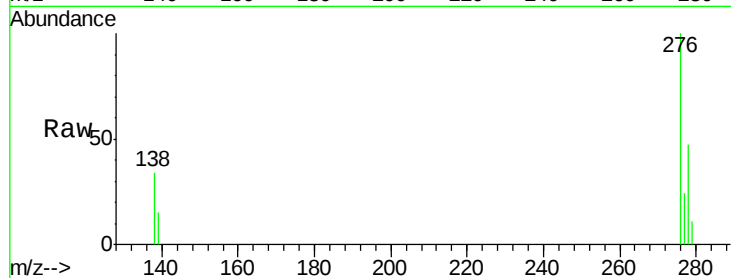
Tgt Ion:276 Resp: 27045

Ion Ratio Lower Upper

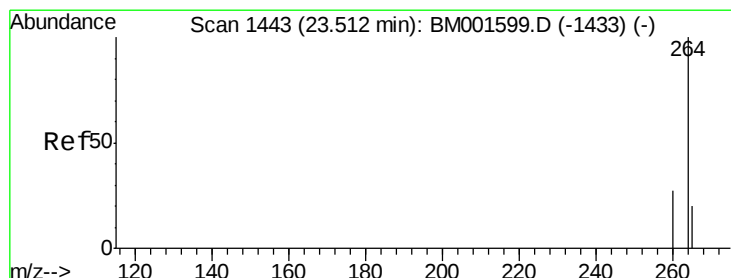
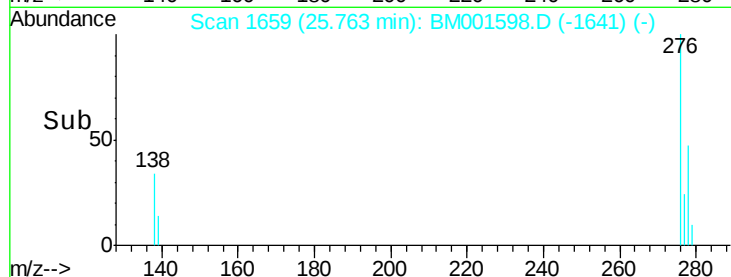
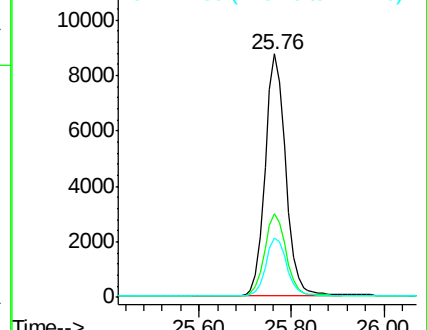
276 100

138 35.3 28.2 42.2

277 24.5 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: BM001598.D

Acq: 08 Jun 2015 23:59

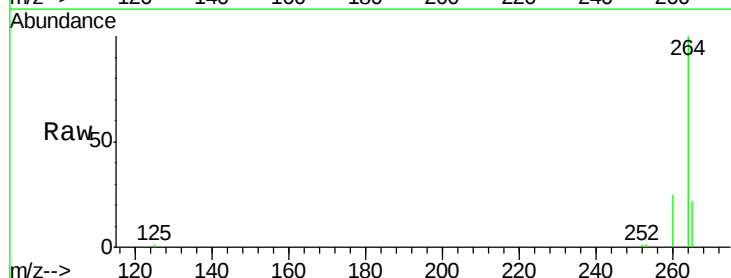
Tgt Ion:264 Resp: 46837

Ion Ratio Lower Upper

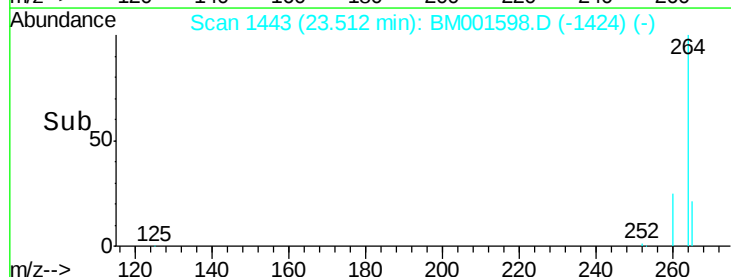
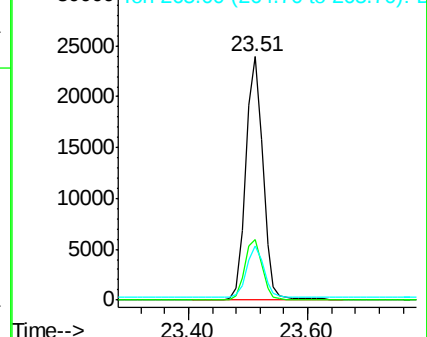
264 100

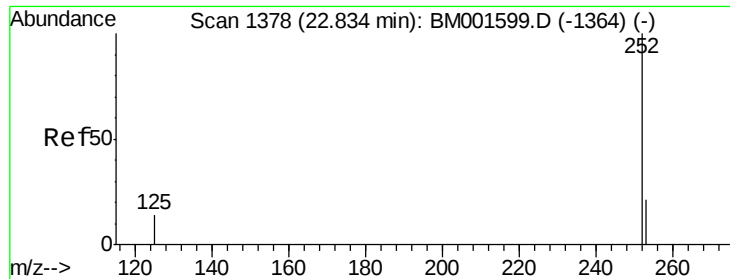
260 25.0 21.8 32.6

265 22.2 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: 1.93 ng

RT: 22.83 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

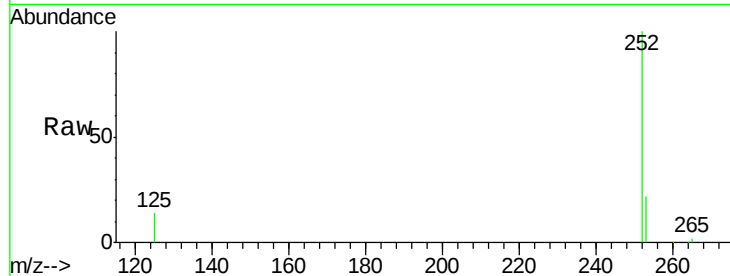
Tgt Ion:252 Resp: 27217

Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

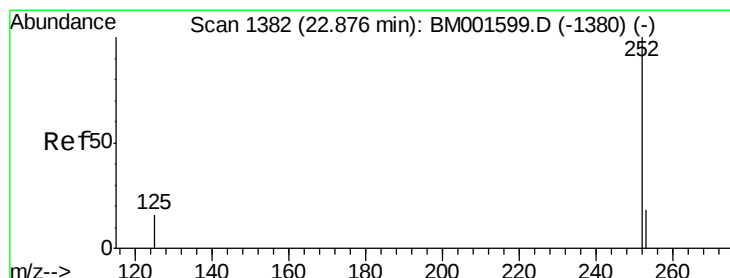
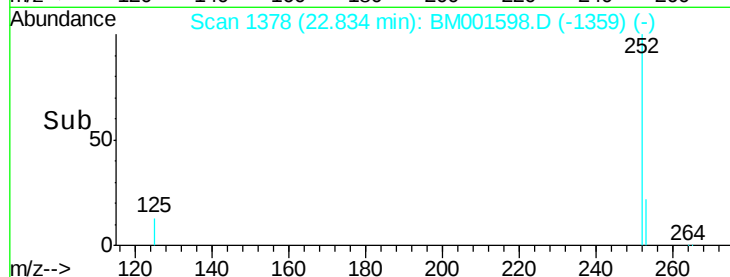
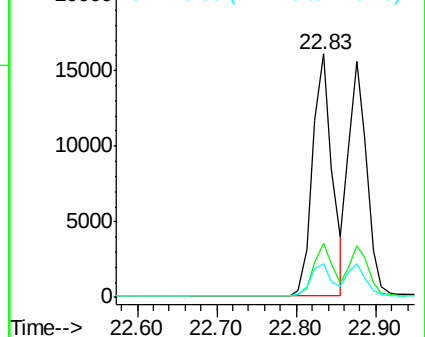
125 13.6 12.4 18.6



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: 1.93 ng

RT: 22.88 min Scan# 1382

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

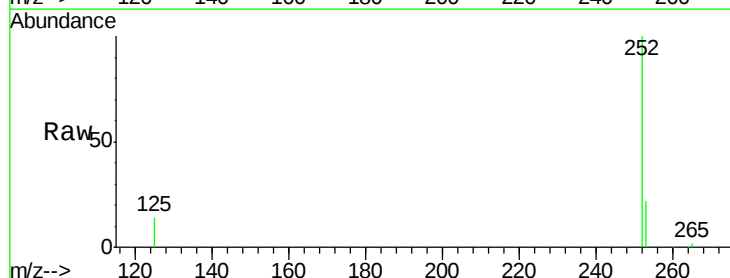
Tgt Ion:252 Resp: 24769

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

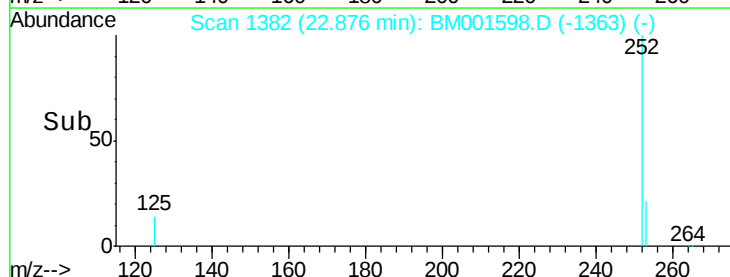
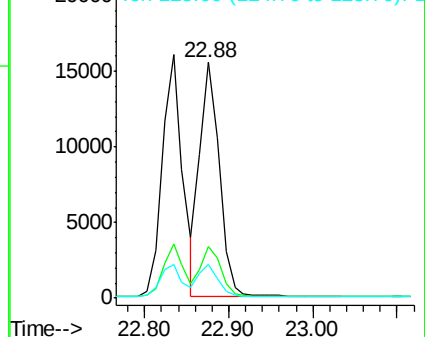
125 14.2 12.8 19.2

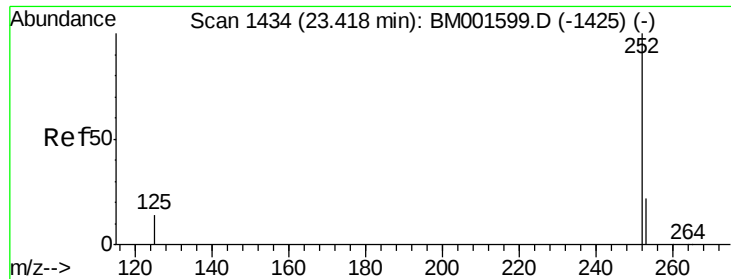


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#35

Benzo(a)pyrene

Concen: 1.89 ng

RT: 23.41 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

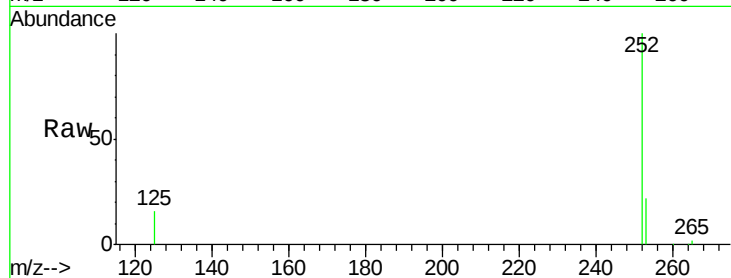
Tgt Ion: 252 Resp: 23247

Ion Ratio Lower Upper

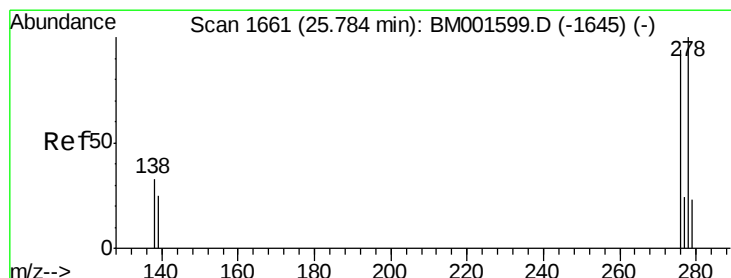
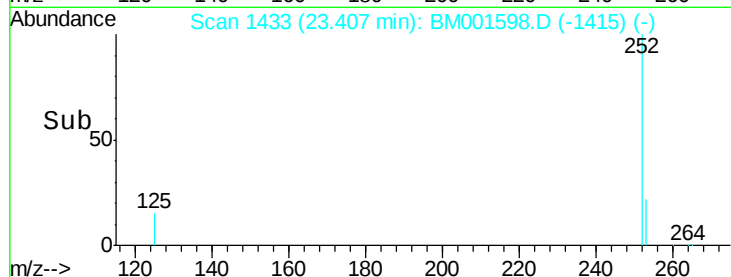
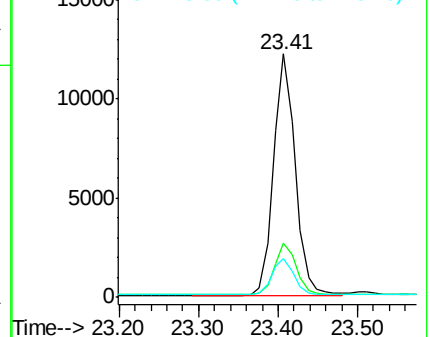
252 100

253 22.4 19.4 29.0

125 15.9 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: 1.76 ng

RT: 25.78 min Scan# 1661

Delta R.T. 0.00 min

Lab File: BM001598.D

Acq: 08 Jun 2015 23:59

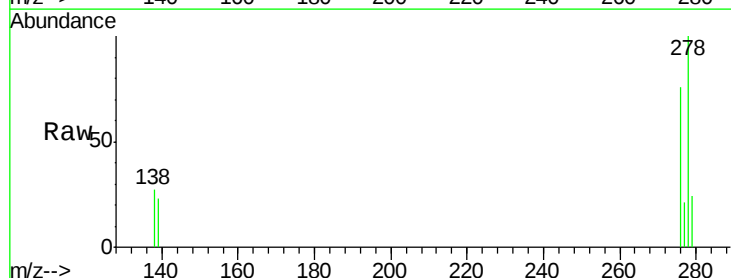
Tgt Ion: 278 Resp: 21073

Ion Ratio Lower Upper

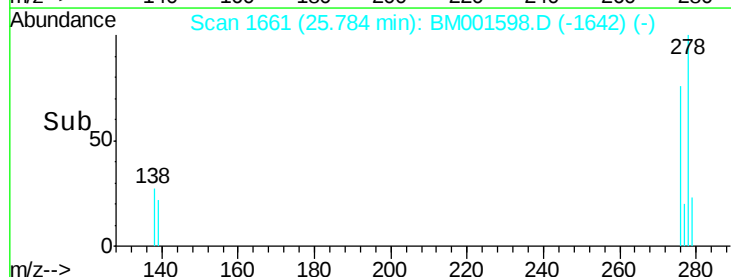
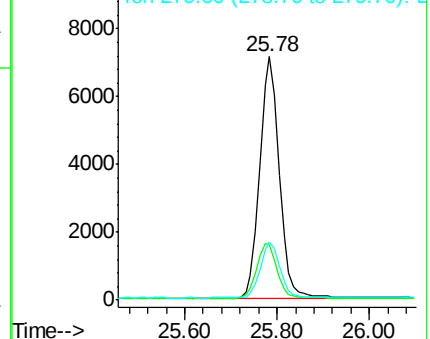
278 100

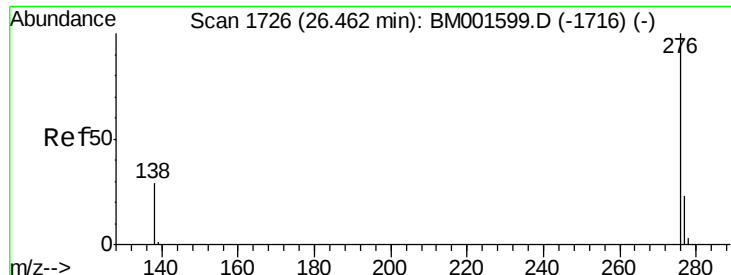
139 22.9 20.6 31.0

279 23.9 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: 1.78 ng

RT: 26.45 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BM001598.D

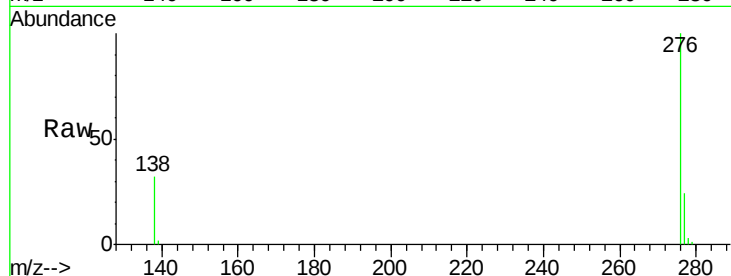
Acq: 08 Jun 2015 23:59

Instrument :

BNA_M

ClientSampleId :

SSTDICC002



Tgt Ion: 276 Resp: 22435

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 32.0 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

