

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060815\
 Data File : BM001597.D
 Acq On : 08 Jun 2015 23:22
 Operator : TP/IZ
 Sample : SSTDICC005
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

Quant Time: Jun 09 05:48:30 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	19852	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	70598	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	32165	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	41712	5.00	ng	0.00
25) Chrysene-d12	21.28	240	53035	5.00	ng	0.00
32) Perylene-d12	23.51	264	48087	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.28	112	22867	5.19	ng	0.00
5) Phenol-d6	6.86	99	28587	5.28	ng	0.02
7) Nitrobenzene-d5	8.85	82	25652	5.30	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	7888	5.93	ng	0.00
14) 2-Fluorobiphenyl	12.96	172	49930	4.98	ng	0.00
27) Terphenyl-d14	19.72	244	34468	5.04	ng	0.00

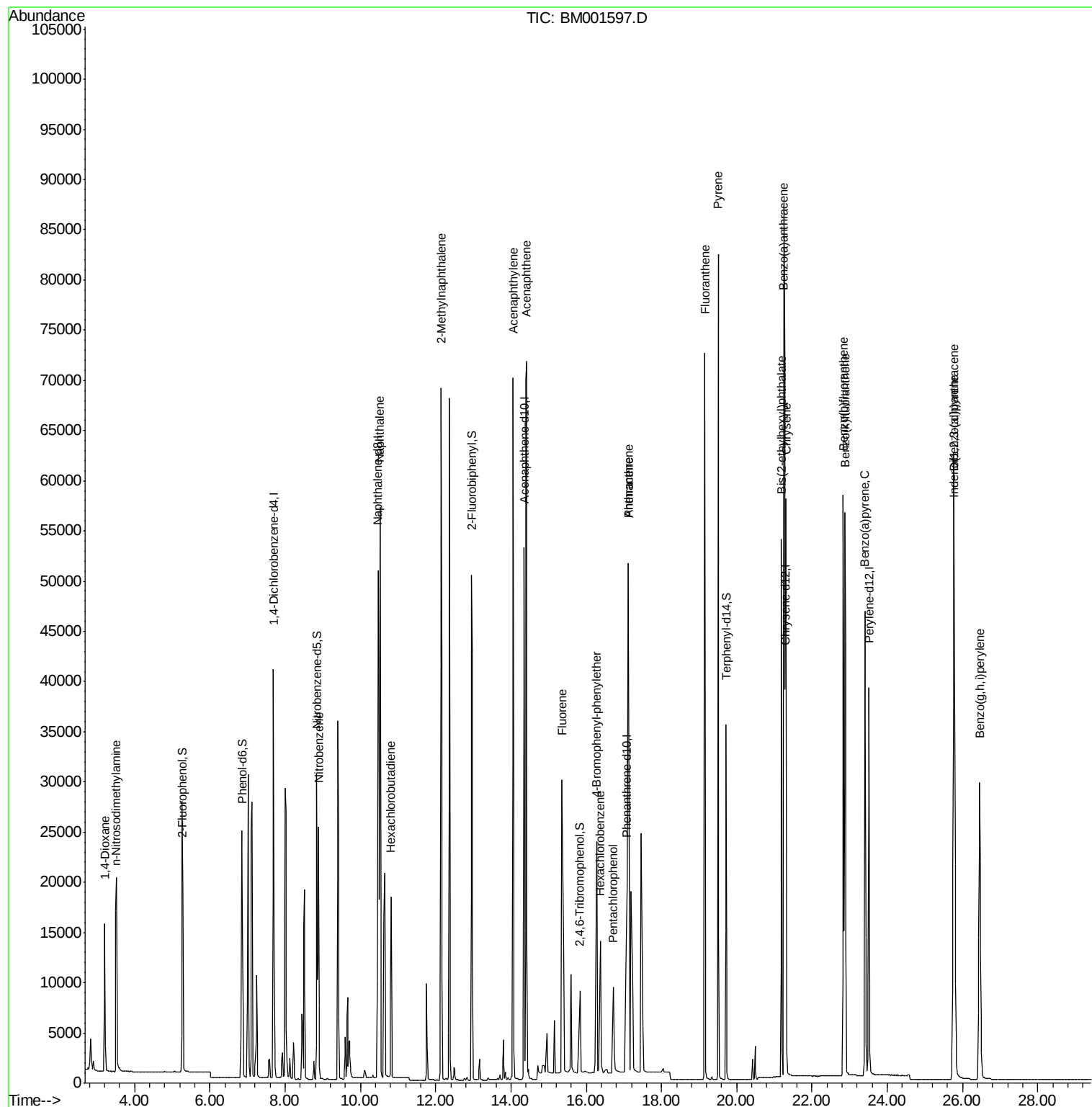
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.21	88	9700	4.61	ng	97
3) n-Nitrosodimethylamine	3.51	42	16080	5.28	ng	96
8) Nitrobenzene	8.89	77	28038	5.41	ng	99
9) Naphthalene	10.52	128	75936	4.95	ng	99
10) Hexachlorobutadiene	10.82	225	13095	4.89	ng	100
11) 2-Methylnaphthalene	12.15	142	47169	4.93	ng	99
15) Acenaphthylene	14.06	152	75649	5.41	ng	100
16) Acenaphthene	14.41	154	44709	5.07	ng	97
17) Fluorene	15.36	166	28691	5.01	ng	# 94
19) 4-Bromophenyl-phenylether	16.27	248	20580	6.77	ng	97
20) Hexachlorobenzene	16.38	284	9282	6.40	ng	# 82
21) Pentachlorophenol	16.72	266	4115	6.90	ng	94
22) Phenanthrene	17.12	178	79906	5.39	ng	100
23) Anthracene	17.12	178	120574	18.08	ng	# 79
24) Fluoranthene	19.15	202	81444	6.81	ng	99
26) Pyrene	19.52	202	85292	5.02	ng	100
28) Benzo(a)anthracene	21.25	228	77676	5.18	ng	97
29) Chrysene	21.31	228	69914	4.87	ng	98
30) Bis(2-ethylhexyl)phthalate	21.19	149	48327	5.50	ng	98
31) Indeno(1,2,3-cd)pyrene	25.76	276	73882	4.82	ng	100
33) Benzo(b)fluoranthene	22.83	252	71264	4.92	ng	98
34) Benzo(k)fluoranthene	22.88	252	67856	5.15	ng	97
35) Benzo(a)pyrene	23.41	252	63395	5.03	ng	96
36) Dibenzo(a,h)anthracene	25.78	278	57459	4.67	ng	96
37) Benzo(g,h,i)perylene	26.45	276	60364	4.66	ng	98

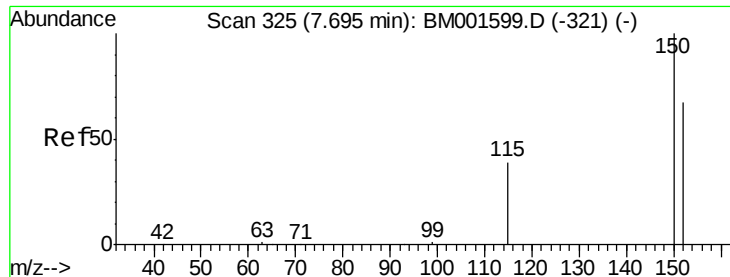
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

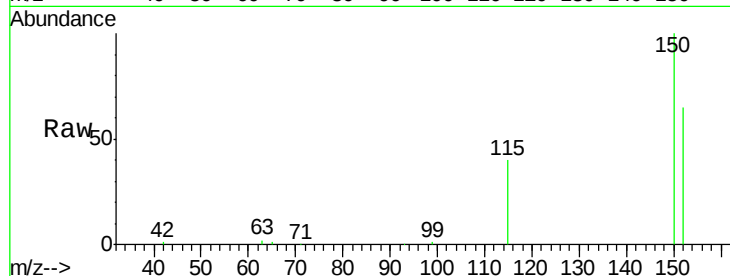
Tgt Ion:152 Resp: 19852

Ion Ratio Lower Upper

152 100

150 153.4 120.1 180.1

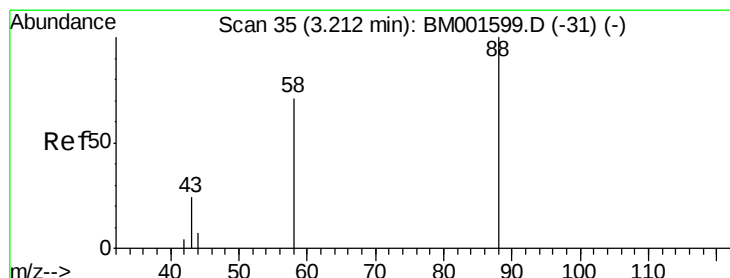
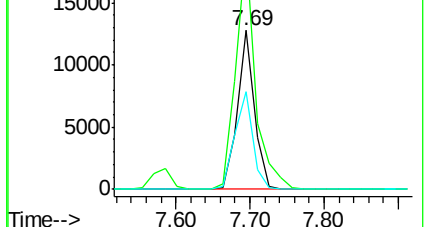
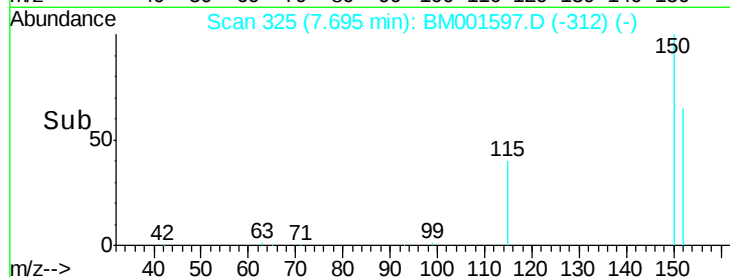
115 61.4 47.0 70.6



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: 4.61 ng

RT: 3.21 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

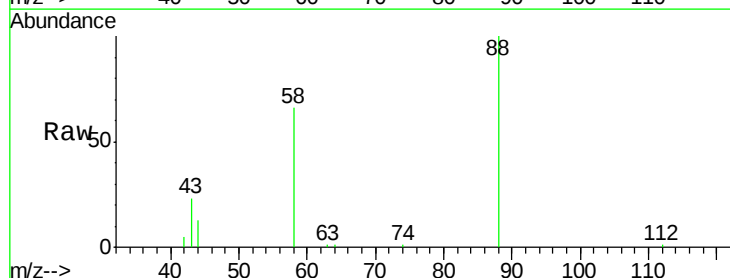
Tgt Ion: 88 Resp: 9700

Ion Ratio Lower Upper

88 100

58 85.8 65.5 98.3

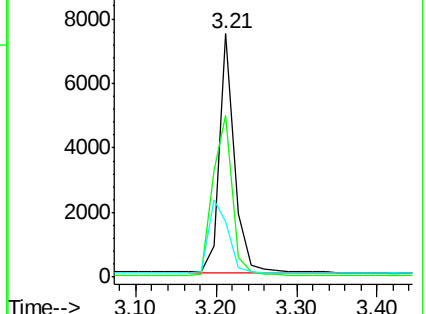
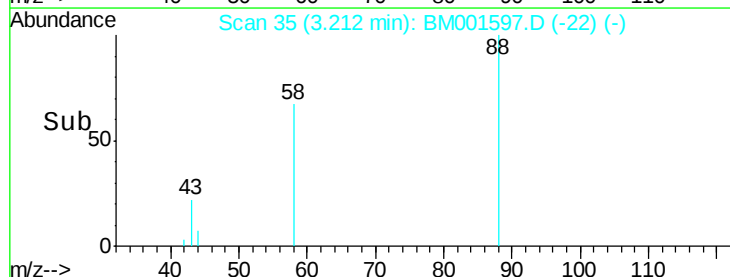
43 40.0 32.2 48.2

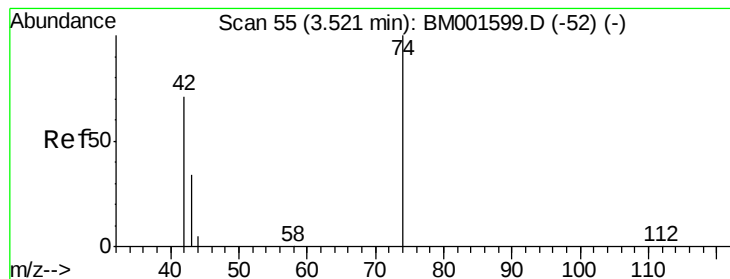


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 5.28 ng

RT: 3.51 min Scan# 54

Delta R.T. -0.02 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

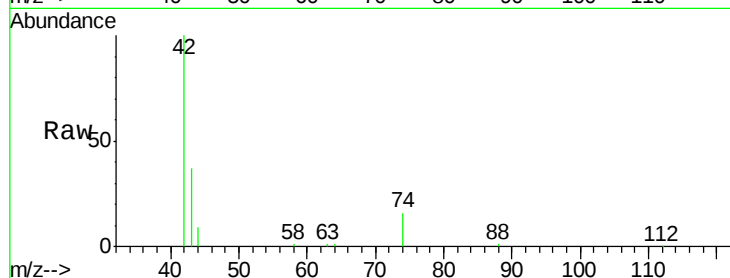
Tgt Ion: 42 Resp: 16080

Ion Ratio Lower Upper

42 100

74 95.4 79.5 119.3

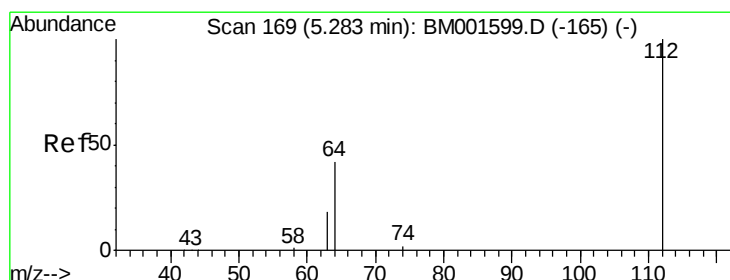
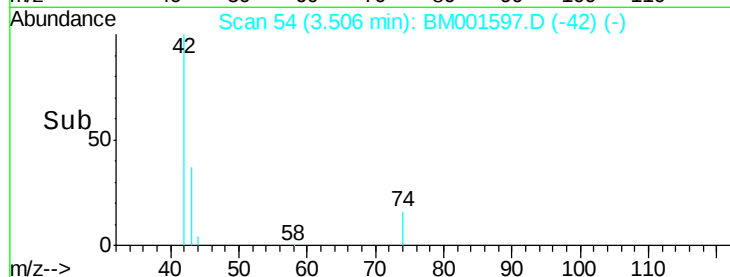
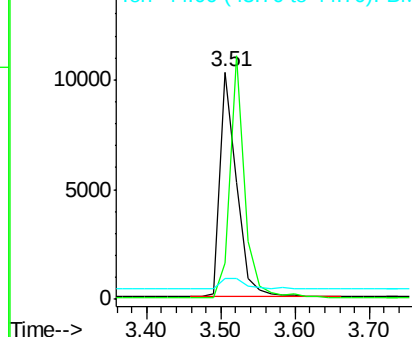
44 6.0 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BM001597.D (-42) (-)

Ion 74.00 (73.70 to 74.70): BM001597.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BM001597.D (-44) (-)



#4

2-Fluorophenol

Concen: 5.19 ng

RT: 5.28 min Scan# 169

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

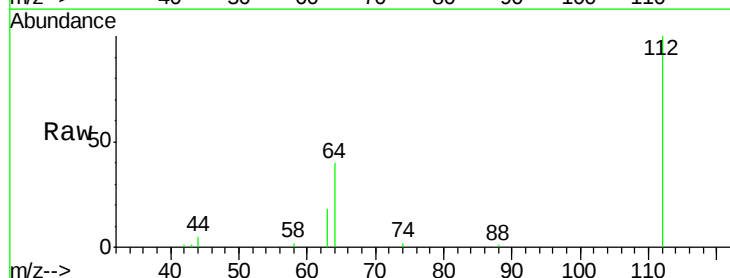
Tgt Ion: 112 Resp: 22867

Ion Ratio Lower Upper

112 100

64 67.7 54.8 82.2

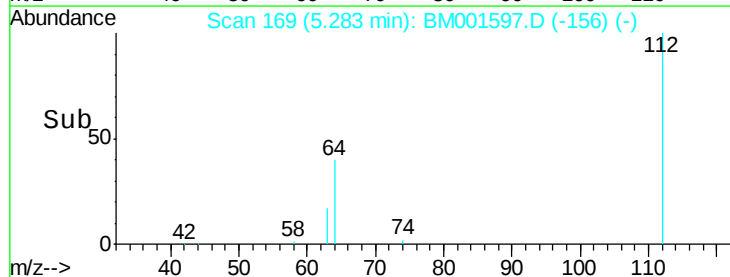
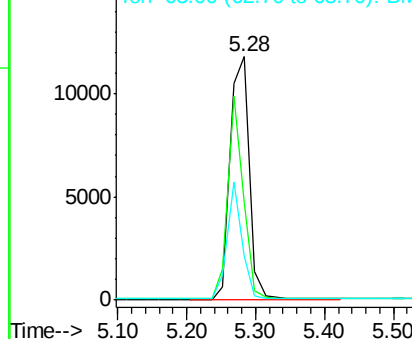
63 37.3 30.5 45.7

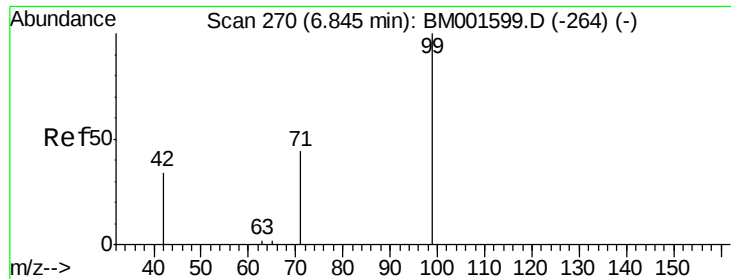


Abundance Ion 112.00 (111.70 to 112.70): BM001597.D (-112) (-)

Ion 64.00 (63.70 to 64.70): BM001597.D (-64) (-)

Ion 63.00 (62.70 to 63.70): BM001597.D (-63) (-)





#5

Phenol-d6

Concen: 5.28 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.02 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

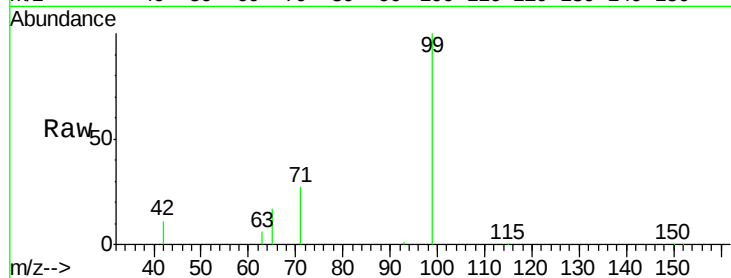
Tgt Ion: 99 Resp: 28587

Ion Ratio Lower Upper

99 100

42 26.5 21.6 32.4

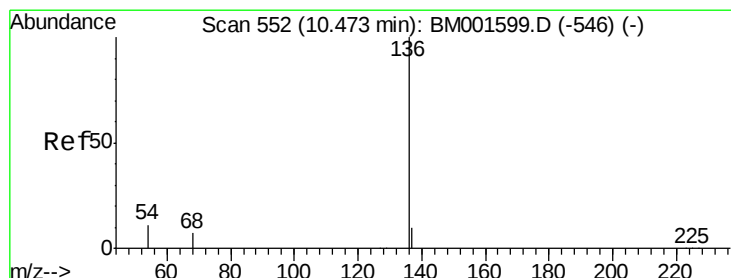
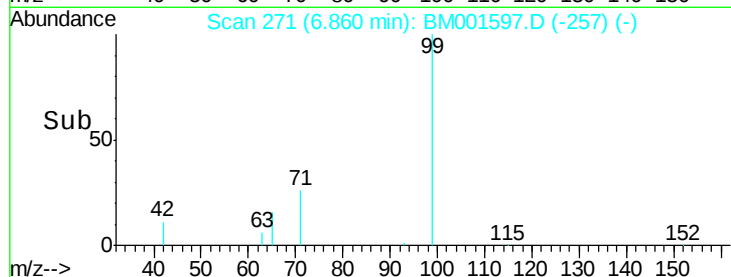
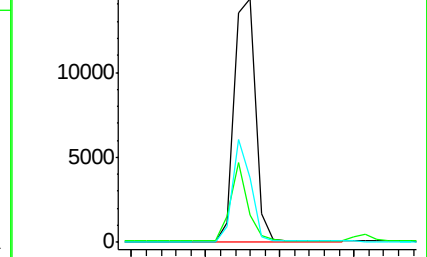
71 35.8 28.7 43.1



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: BM001597.D

Acq: 08 Jun 2015 23:22

Tgt Ion: 136 Resp: 70598

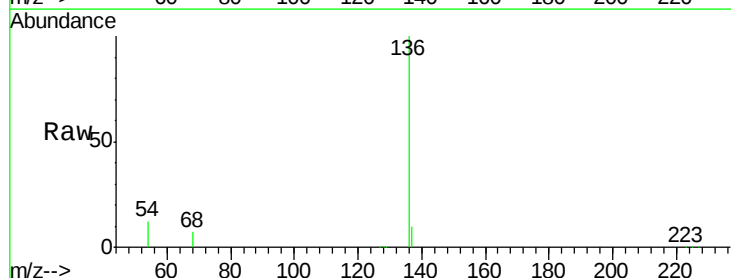
Ion Ratio Lower Upper

136 100

137 10.4 8.3 12.5

54 11.8 9.2 13.8

68 7.0 5.5 8.3

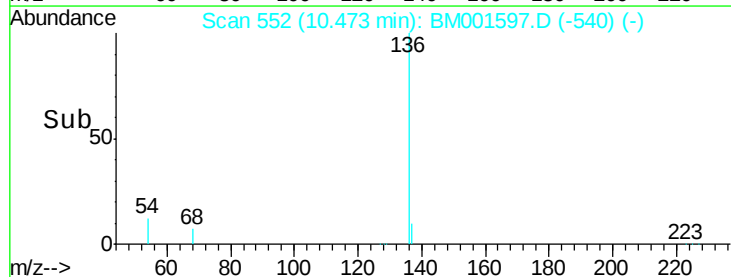
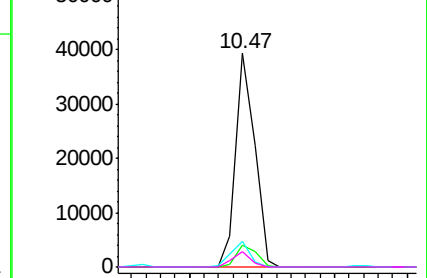


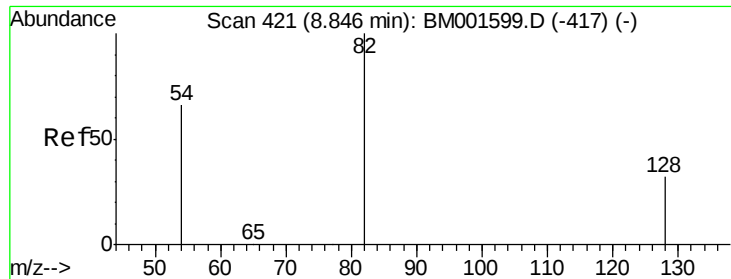
Abundance Ion 136.00 (135.70 to 136.70): BM001599.D (-546) (-)

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: 5.30 ng

RT: 8.85 min Scan# 421

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

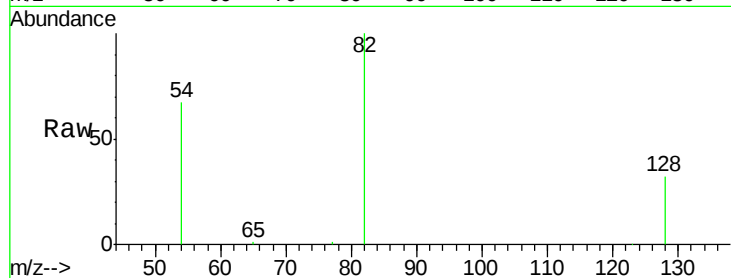
Tgt Ion: 82 Resp: 25652

Ion Ratio Lower Upper

82 100

128 32.4 26.6 40.0

54 67.0 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) (-)

8.85

15000

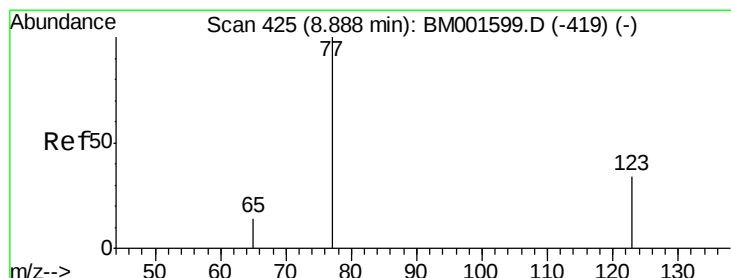
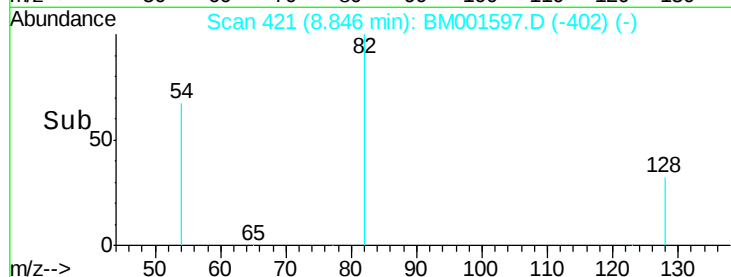
10000

5000

0

8.80 8.85 8.90 9.00

Time-->



#8

Nitrobenzene

Concen: 5.41 ng

RT: 8.89 min Scan# 425

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

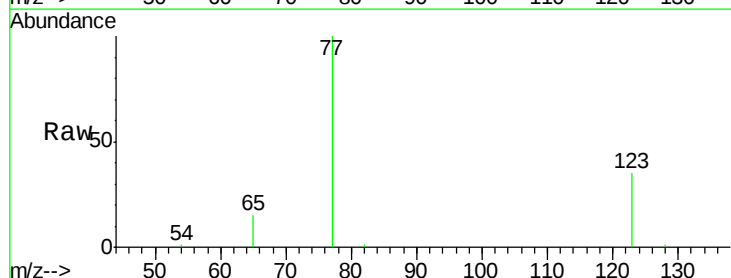
Tgt Ion: 77 Resp: 28038

Ion Ratio Lower Upper

77 100

123 39.9 31.0 46.6

65 14.5 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) (-)

8.89

20000

15000

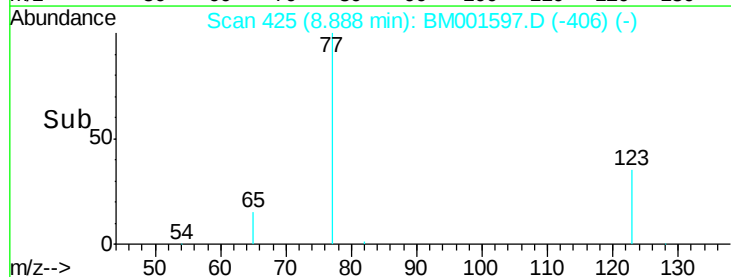
10000

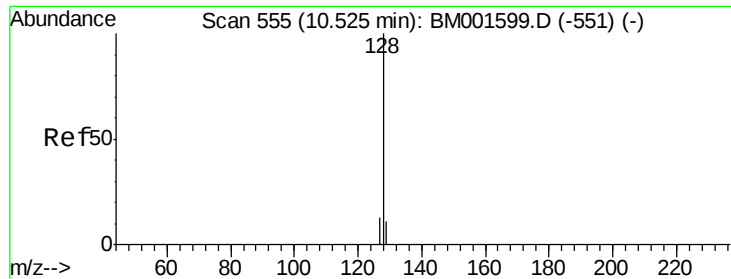
5000

0

8.70 8.80 8.90 9.00 9.10

Time-->





#9

Naphthalene

Concen: 4.95 ng

RT: 10.52 min Scan# 555

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

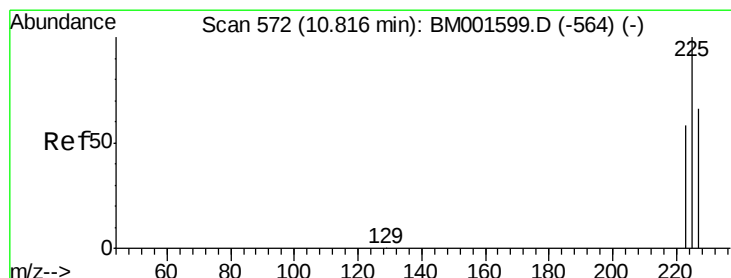
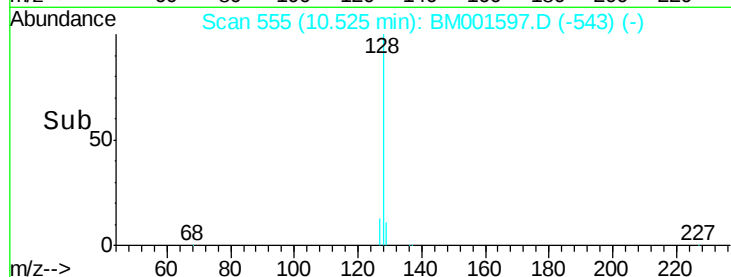
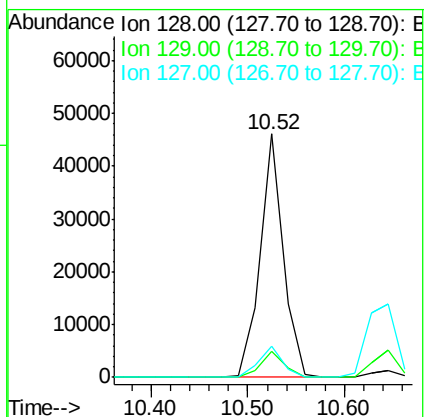
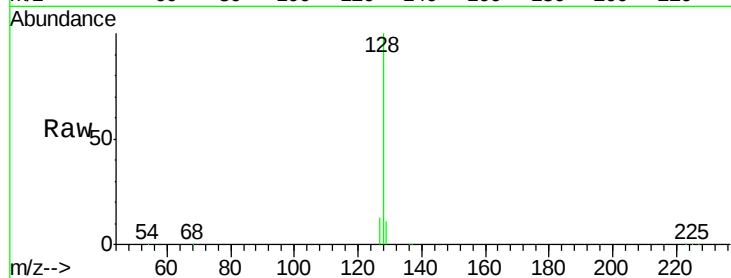
Tgt Ion:128 Resp: 75936

Ion Ratio Lower Upper

128 100

129 10.7 9.1 13.7

127 12.7 10.4 15.6



#10

Hexachlorobutadiene

Concen: 4.89 ng

RT: 10.82 min Scan# 572

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

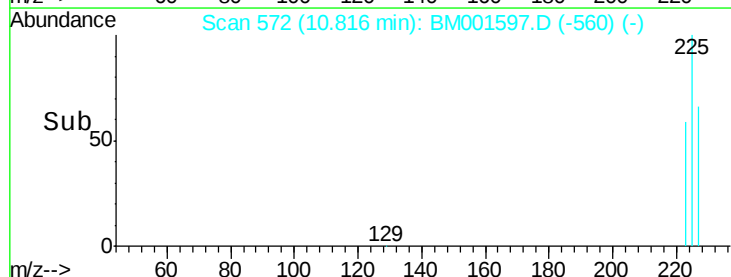
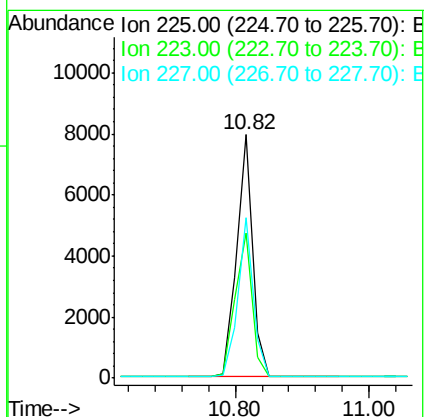
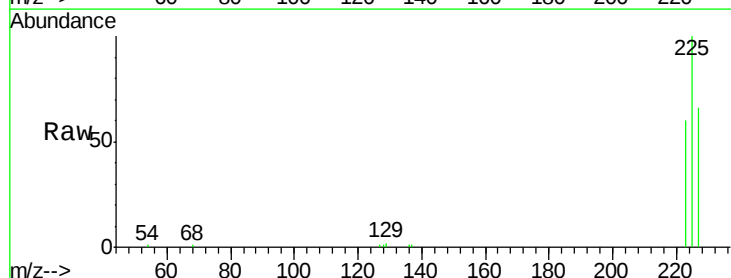
Tgt Ion:225 Resp: 13095

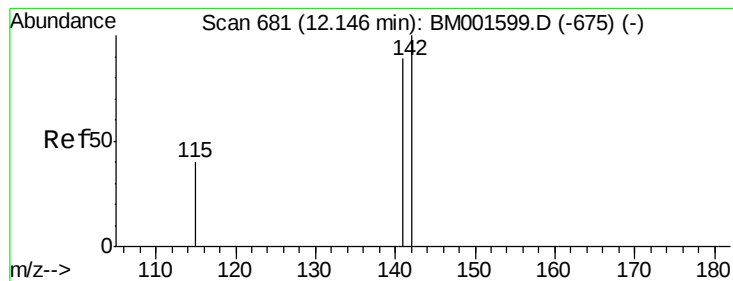
Ion Ratio Lower Upper

225 100

223 62.9 49.8 74.8

227 63.7 50.9 76.3





#11

2-Methylnaphthalene

Concen: 4.93 ng

RT: 12.15 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

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ClientSampleId :

SSTDIC005

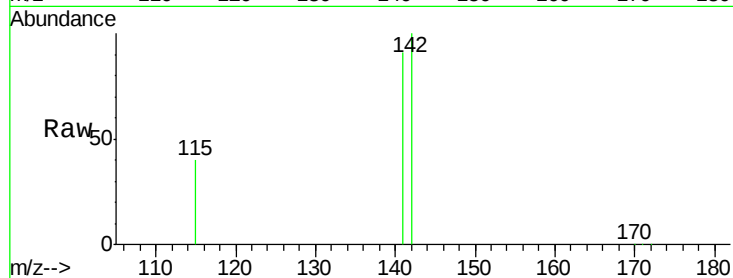
Tgt Ion:142 Resp: 47169

Ion Ratio Lower Upper

142 100

141 90.6 71.3 106.9

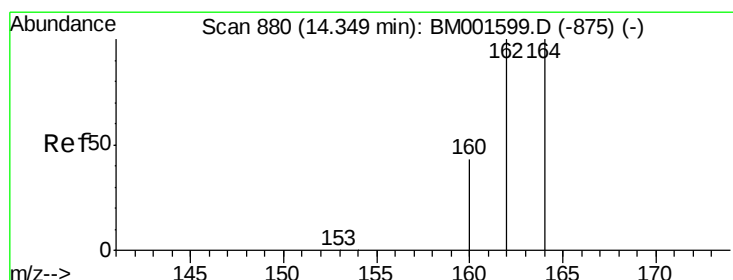
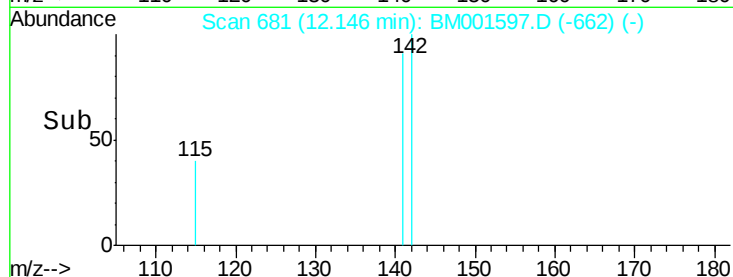
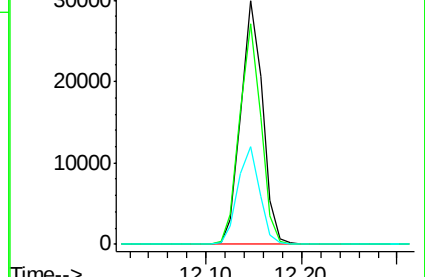
115 40.4 32.1 48.1



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: BM001597.D

Acq: 08 Jun 2015 23:22

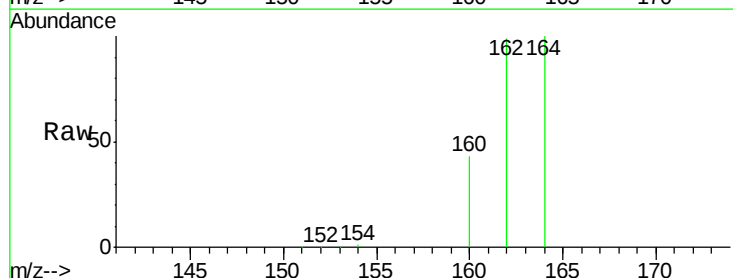
Tgt Ion:164 Resp: 32165

Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.6

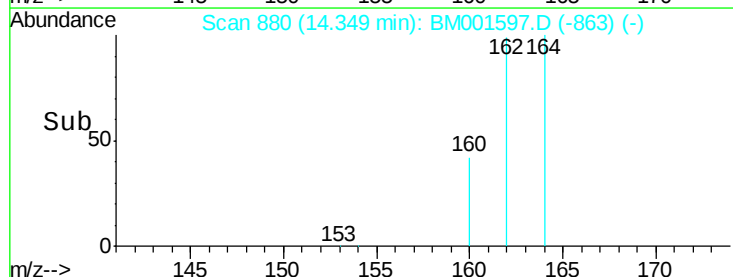
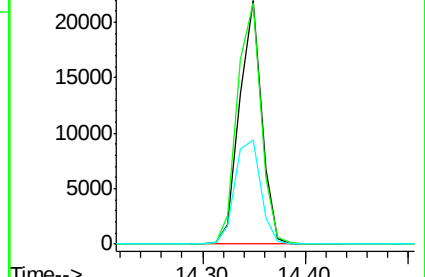
160 42.5 34.6 51.8

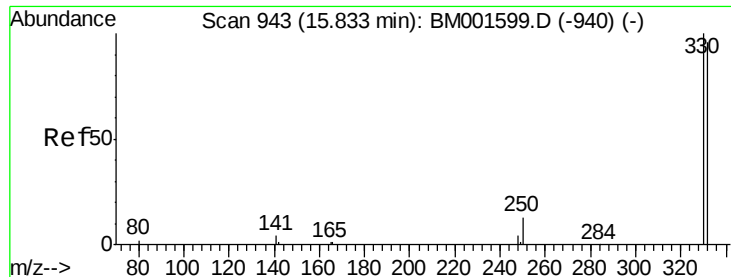


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

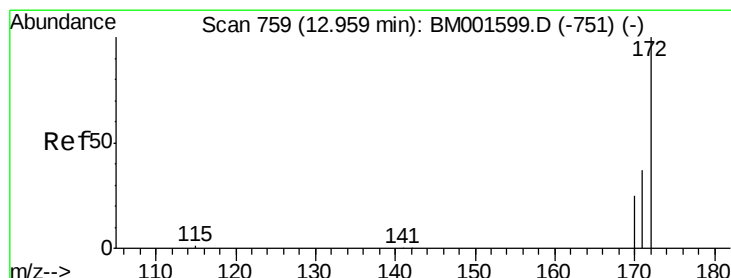
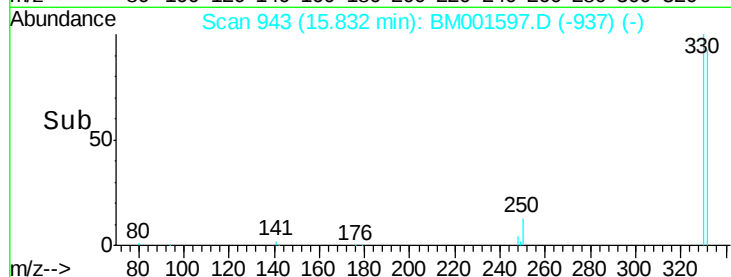
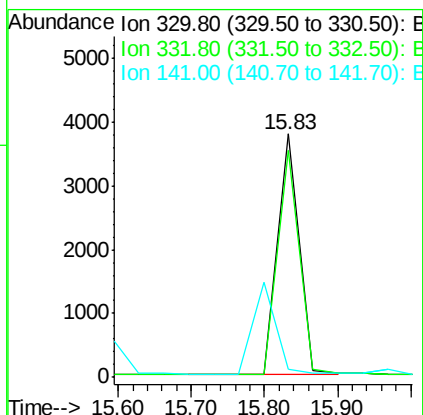
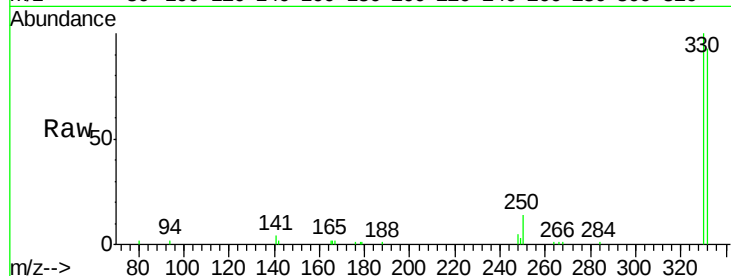




#13
 2,4,6-Tribromophenol
 Concen: 5.93 ng
 RT: 15.83 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BM001597.D
 Acq: 08 Jun 2015 23:22

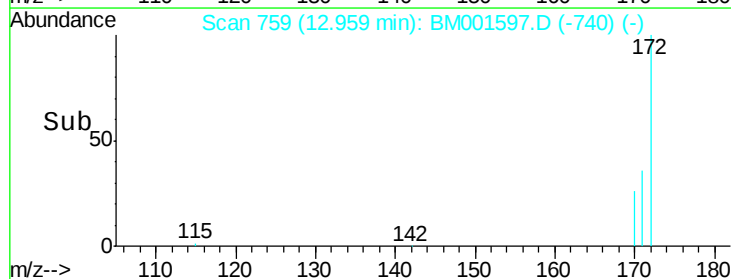
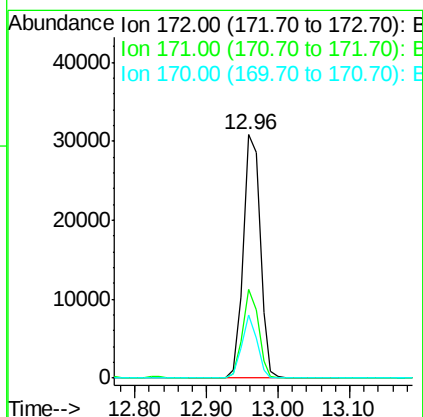
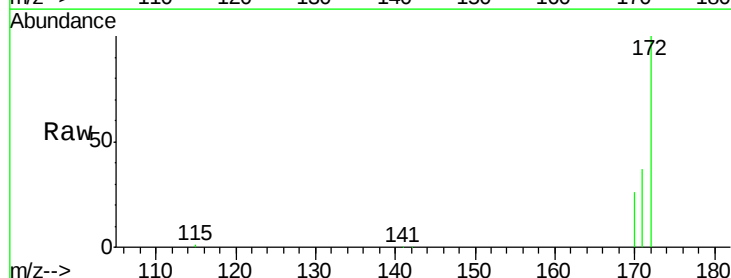
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

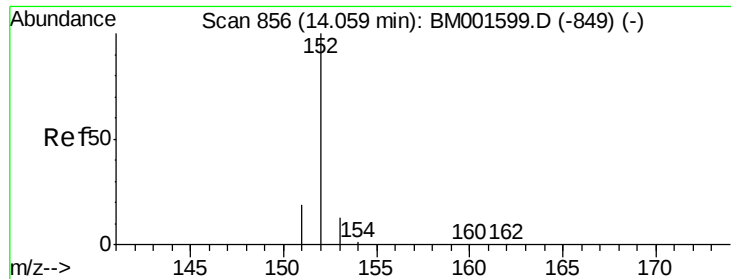
Tgt Ion:330 Resp: 7888
 Ion Ratio Lower Upper
 330 100
 332 93.5 76.7 115.1
 141 0.0 0.0 0.0



#14
 2-Fluorobiphenyl
 Concen: 4.98 ng
 RT: 12.96 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BM001597.D
 Acq: 08 Jun 2015 23:22

Tgt Ion:172 Resp: 49930
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 26.1 20.6 31.0

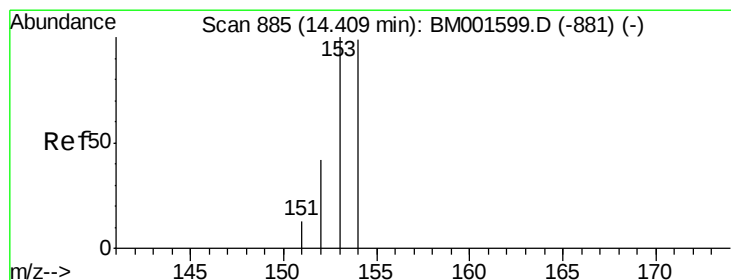
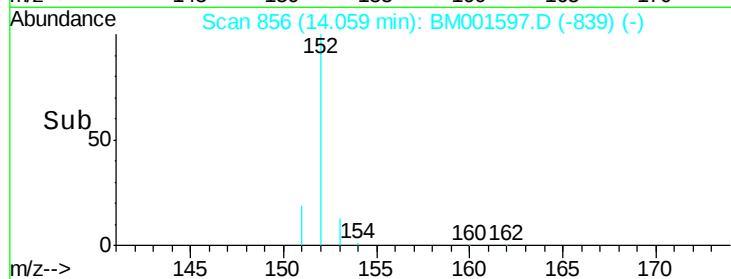
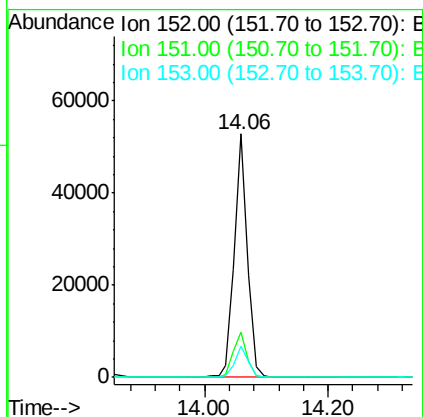
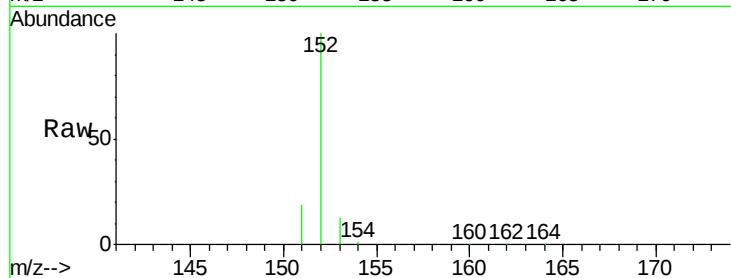




#15
Acenaphthylene
Concen: 5.41 ng
RT: 14.06 min Scan# 856
Delta R.T. -0.00 min
Lab File: BM001597.D
Acq: 08 Jun 2015 23:22

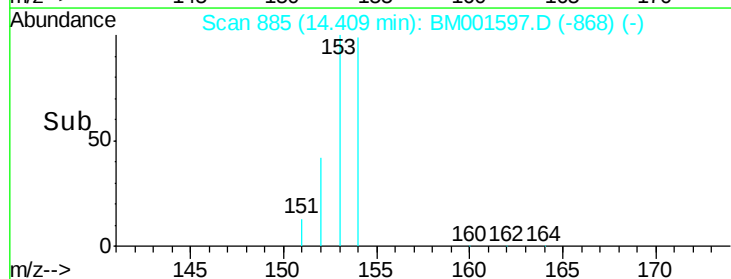
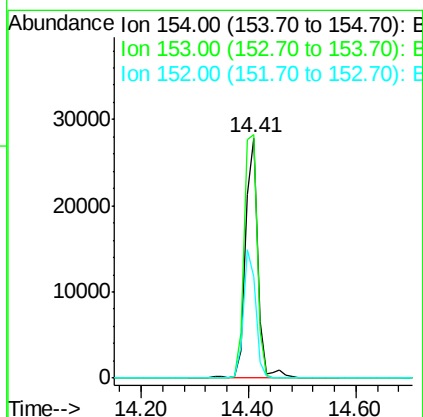
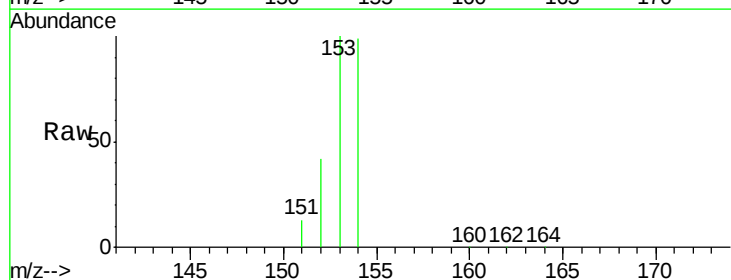
Instrument :
BNA_M
ClientSampleId :
SSTDIC005

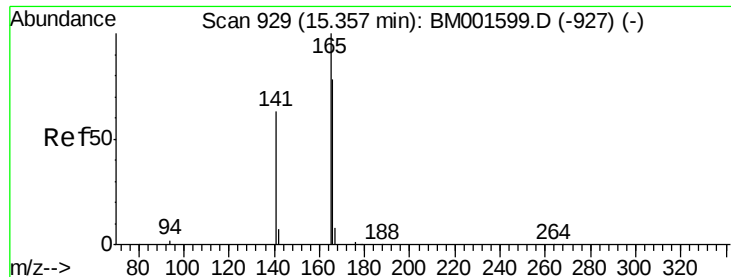
Tgt Ion:152 Resp: 75649
Ion Ratio Lower Upper
152 100
151 19.1 15.5 23.3
153 12.9 10.3 15.5



#16
Acenaphthene
Concen: 5.07 ng
RT: 14.41 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM001597.D
Acq: 08 Jun 2015 23:22

Tgt Ion:154 Resp: 44709
Ion Ratio Lower Upper
154 100
153 108.7 89.4 134.0
152 52.4 43.6 65.4

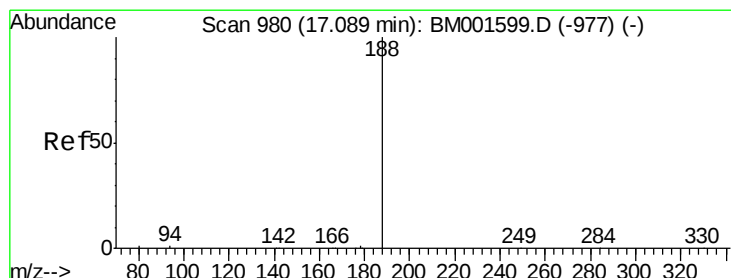
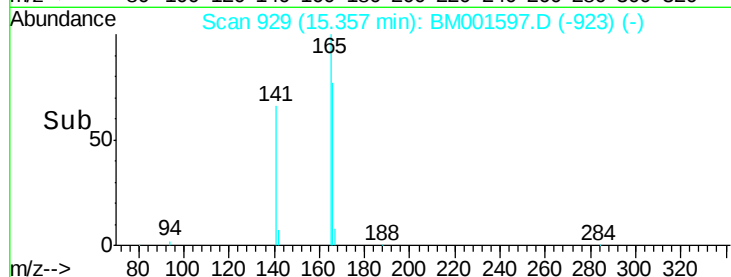
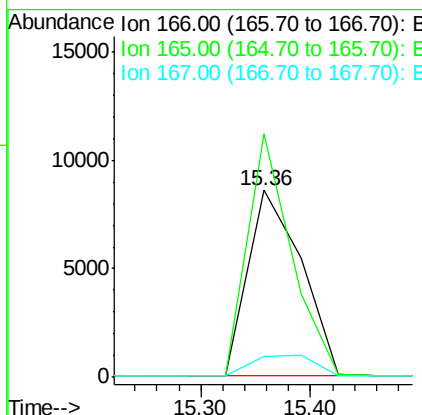
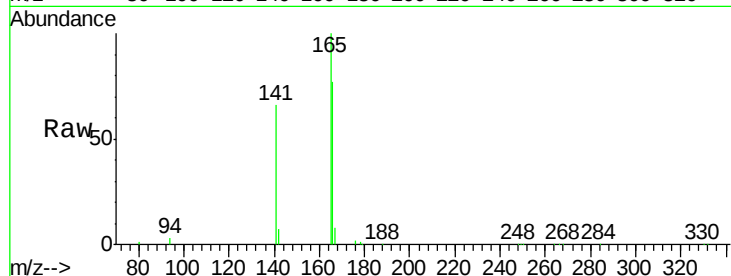




#17
Fluorene
 Concen: 5.01 ng
 RT: 15.36 min Scan# 929
 Delta R.T. -0.00 min
 Lab File: BM001597.D
 Acq: 08 Jun 2015 23:22

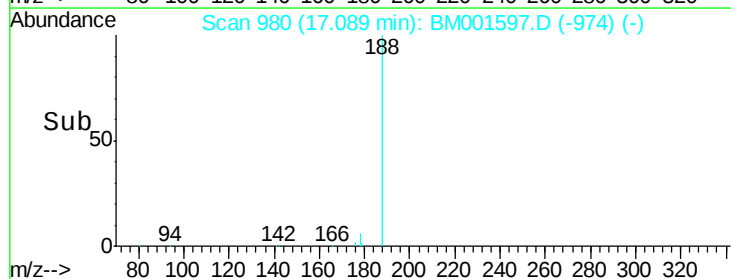
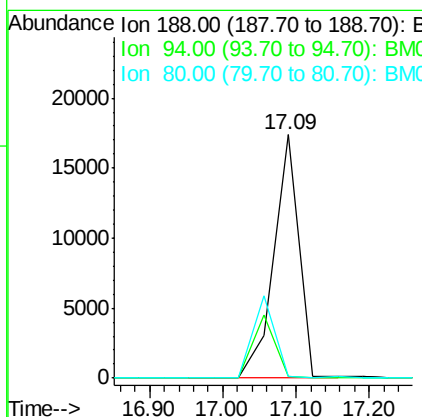
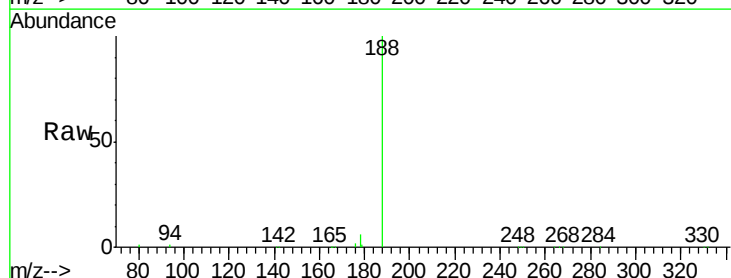
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC005

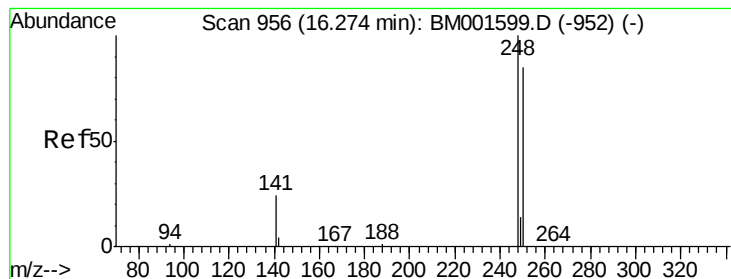
Tgt Ion:166 Resp: 28691
 Ion Ratio Lower Upper
 166 100
 165 106.5 87.8 131.8
 167 0.0 10.0 15.0#



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.09 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: BM001597.D
 Acq: 08 Jun 2015 23:22

Tgt Ion:188 Resp: 41712
 Ion Ratio Lower Upper
 188 100
 94 0.8 1.0 1.6#
 80 0.8 1.0 1.4#





#19

4-Bromophenyl-phenylether

Concen: 6.77 ng

RT: 16.27 min Scan# 956

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

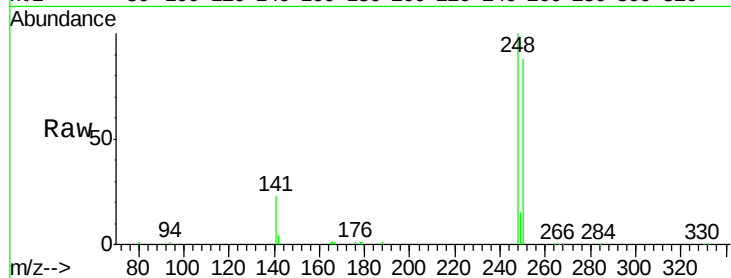
Tgt Ion:248 Resp: 20580

Ion Ratio Lower Upper

248 100

250 88.1 68.6 103.0

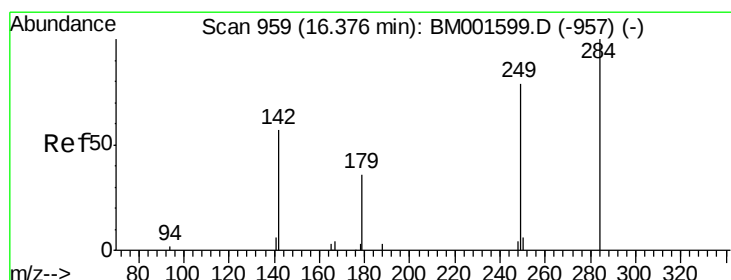
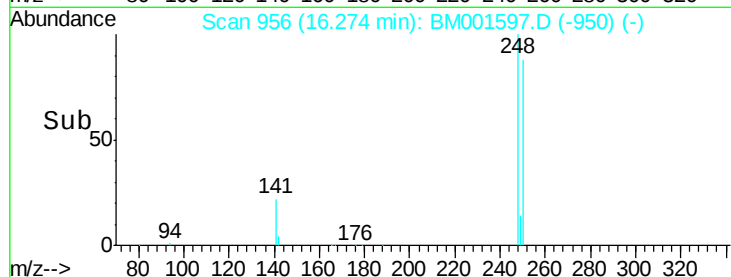
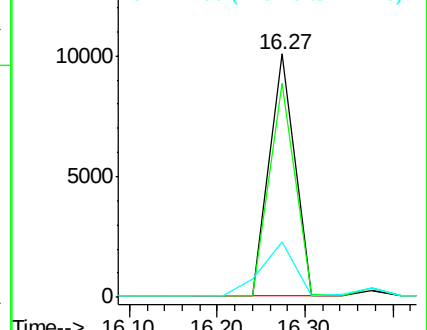
141 29.3 25.5 38.3



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: 6.40 ng

RT: 16.38 min Scan# 959

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

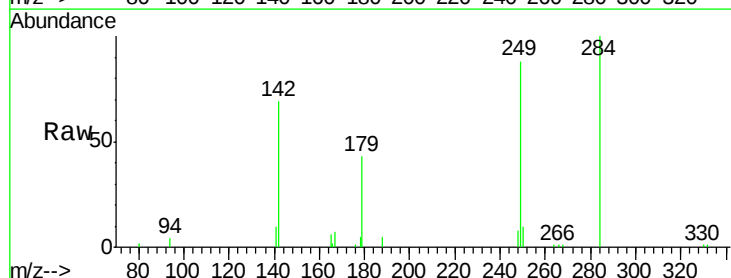
Tgt Ion:284 Resp: 9282

Ion Ratio Lower Upper

284 100

142 70.1 47.3 70.9

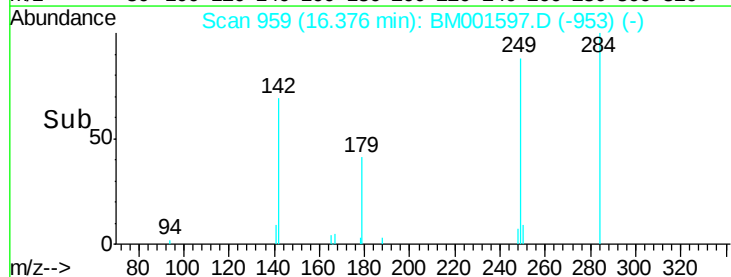
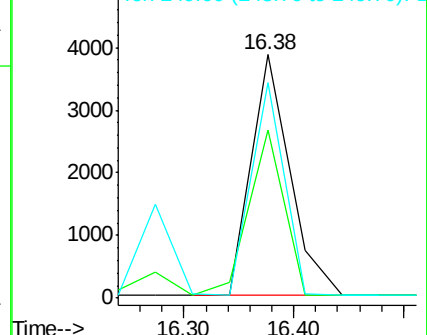
249 74.7 75.8 113.6#

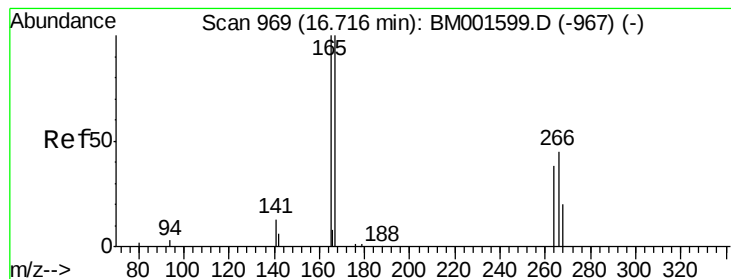


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#21

Pentachlorophenol

Concen: 6.90 ng

RT: 16.72 min Scan# 969

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

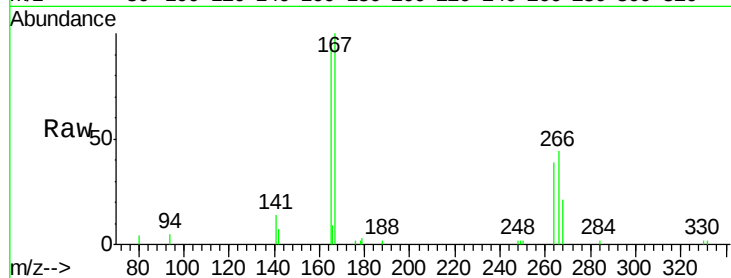
Tgt Ion:266 Resp: 4115

Ion Ratio Lower Upper

266 100

268 47.2 45.8 68.8

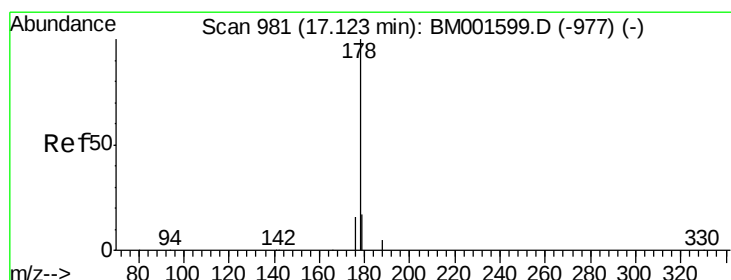
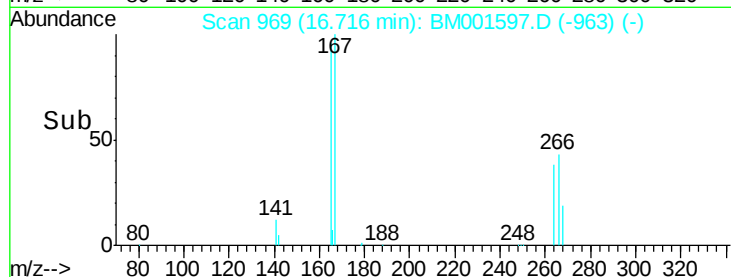
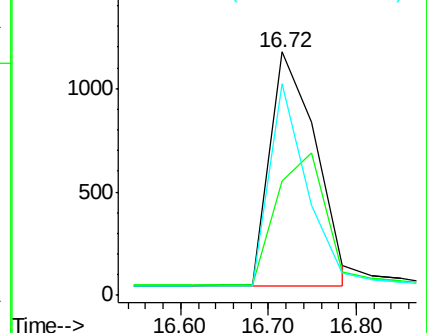
264 87.0 70.6 106.0



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



#22

Phenanthrene

Concen: 5.39 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

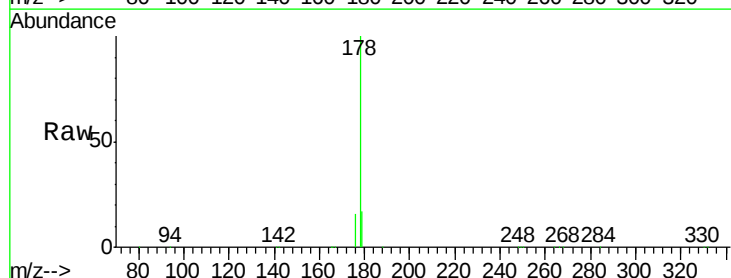
Tgt Ion:178 Resp: 79906

Ion Ratio Lower Upper

178 100

176 16.2 13.2 19.8

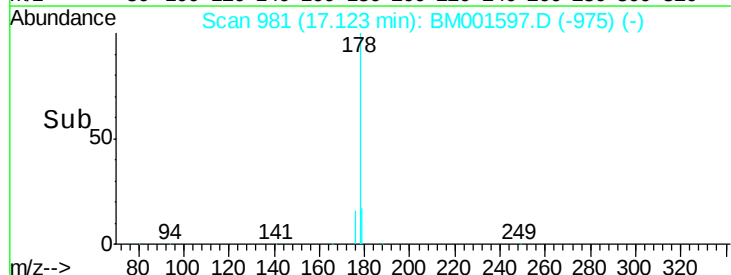
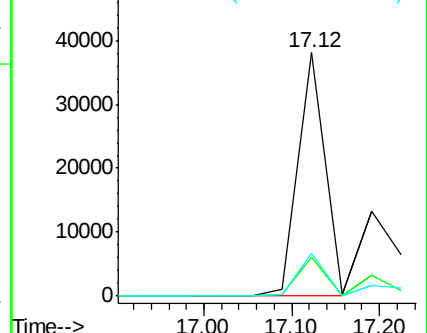
179 17.1 13.8 20.8

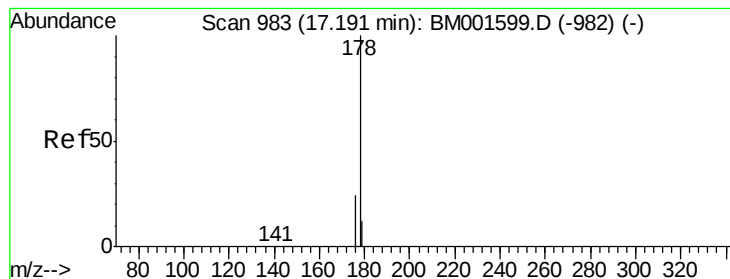


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 18.08 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.07 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

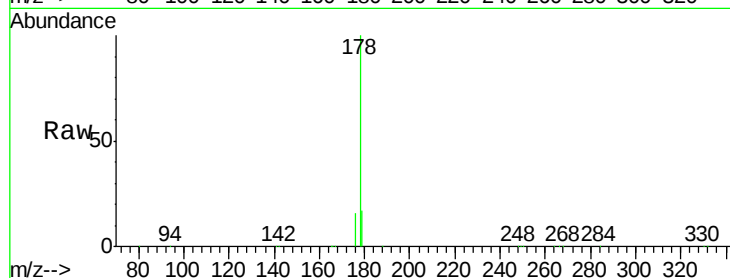
Tgt Ion:178 Resp: 120574

Ion Ratio Lower Upper

178 100

176 17.8 21.9 32.9#

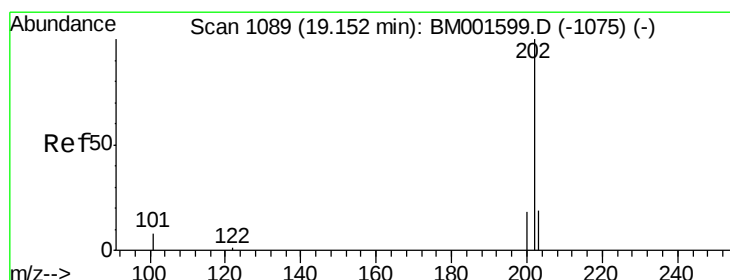
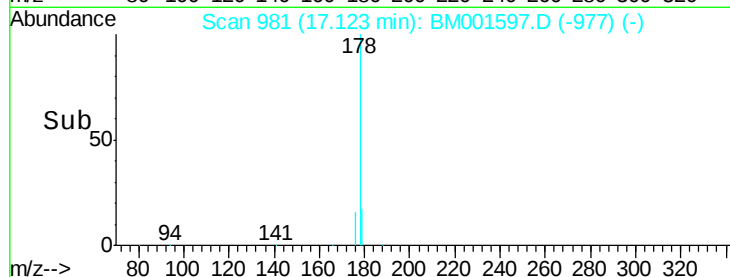
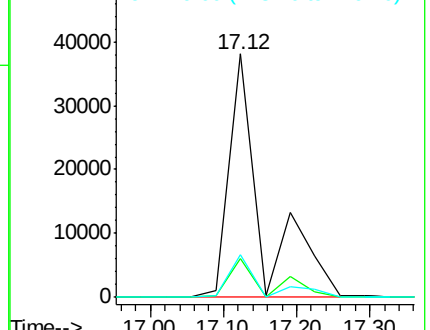
179 16.2 23.0 34.4#



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: 6.81 ng

RT: 19.15 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

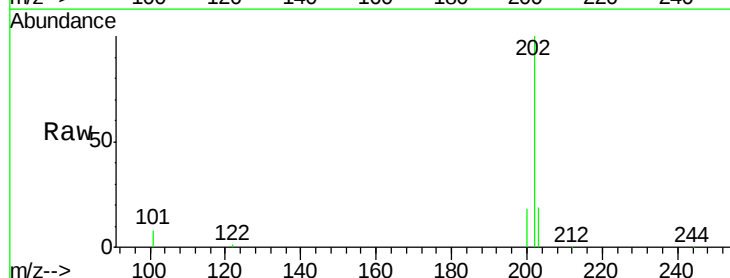
Tgt Ion:202 Resp: 81444

Ion Ratio Lower Upper

202 100

101 12.7 10.4 15.6

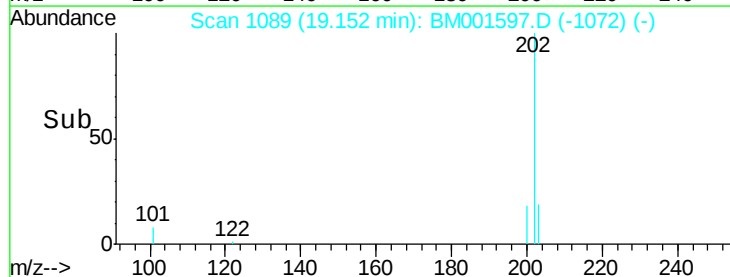
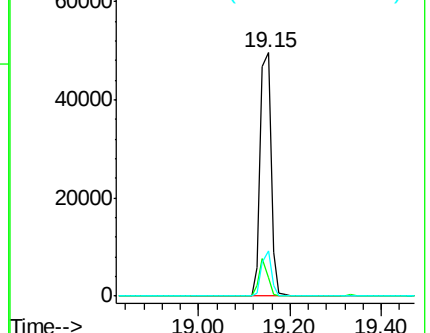
203 17.1 13.8 20.6

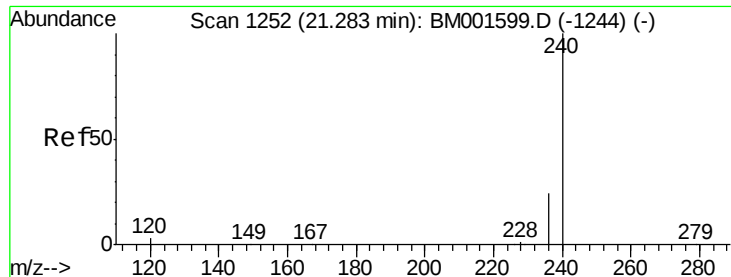


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

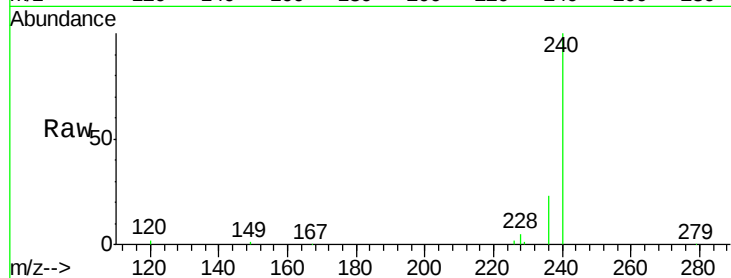
Tgt Ion:240 Resp: 53035

Ion Ratio Lower Upper

240 100

120 2.0 2.2 3.4#

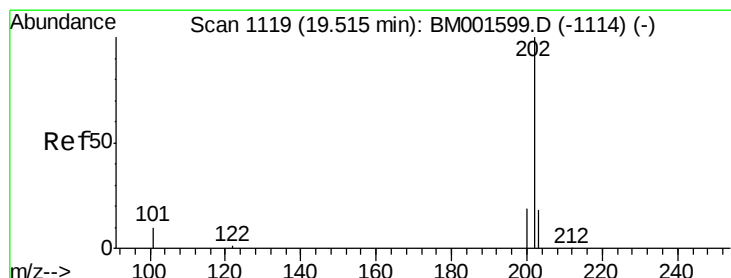
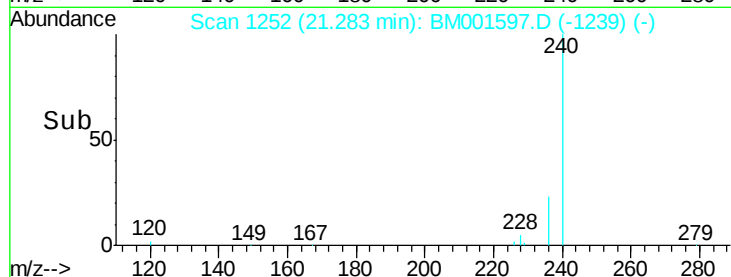
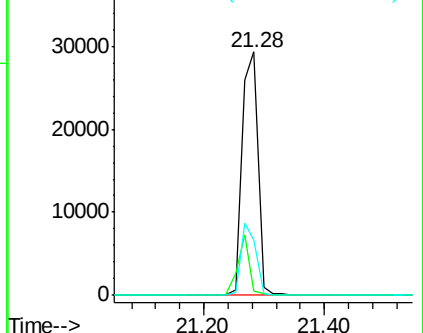
236 23.0 19.6 29.4



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: 5.02 ng

RT: 19.52 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

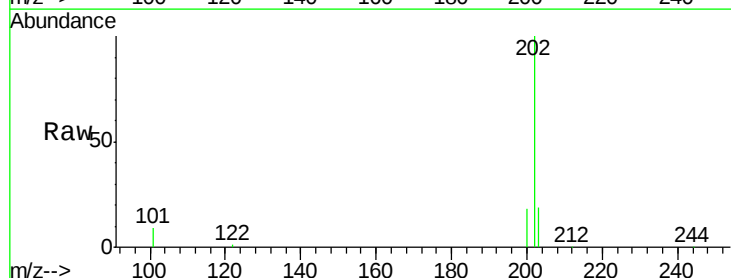
Tgt Ion:202 Resp: 85292

Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

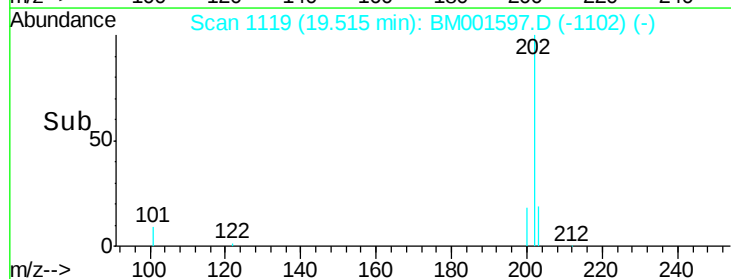
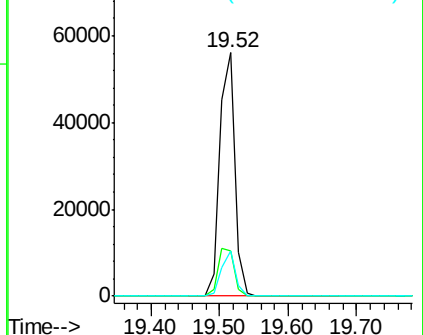
203 17.2 14.0 21.0

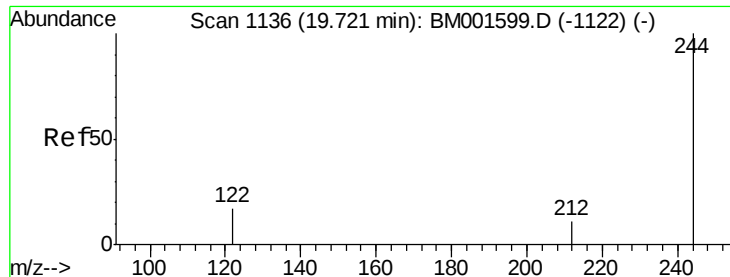


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 5.04 ng

RT: 19.72 min Scan# 1136

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

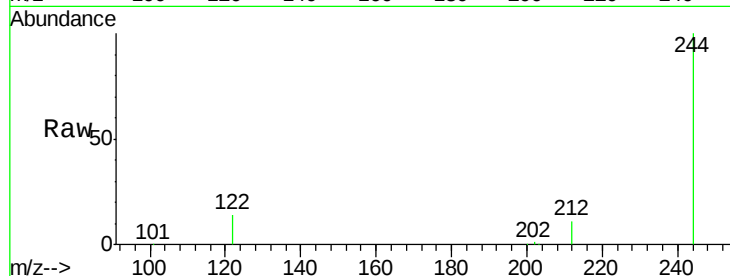
Tgt Ion:244 Resp: 34468

Ion Ratio Lower Upper

244 100

212 10.5 9.2 13.8

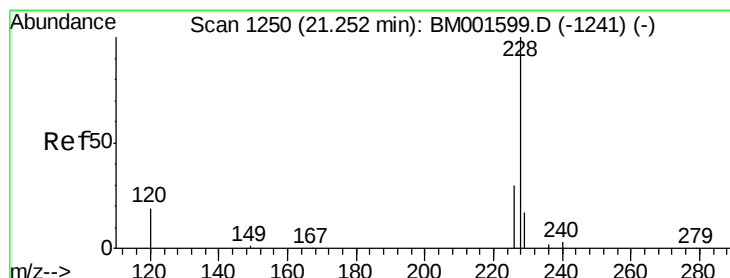
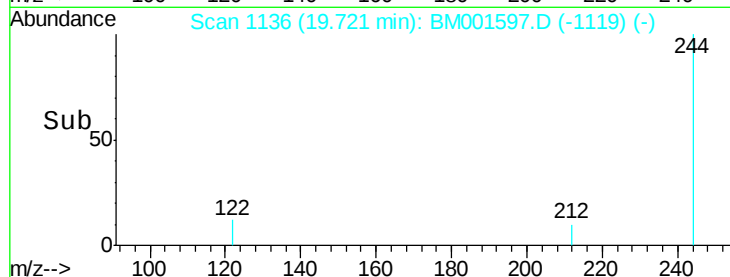
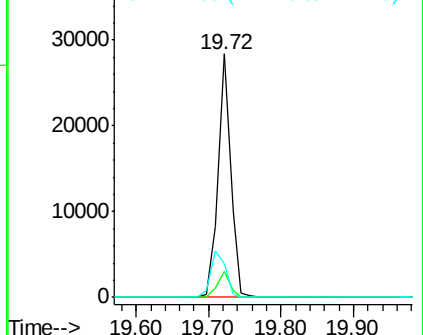
122 13.7 14.5 21.7#



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: 5.18 ng

RT: 21.25 min Scan# 1250

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

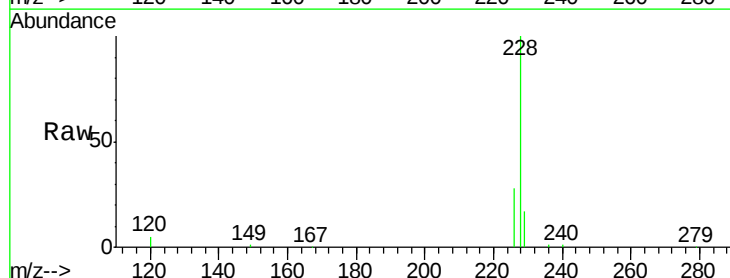
Tgt Ion:228 Resp: 77676

Ion Ratio Lower Upper

228 100

226 28.3 24.6 37.0

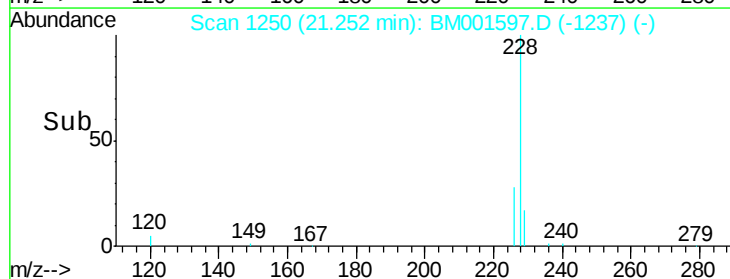
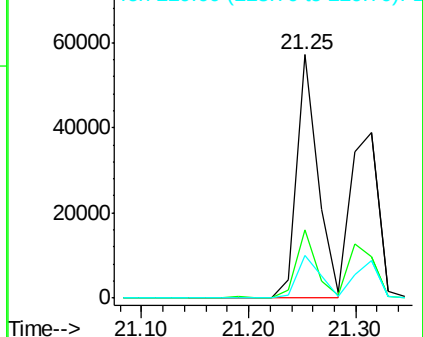
229 17.5 13.8 20.8

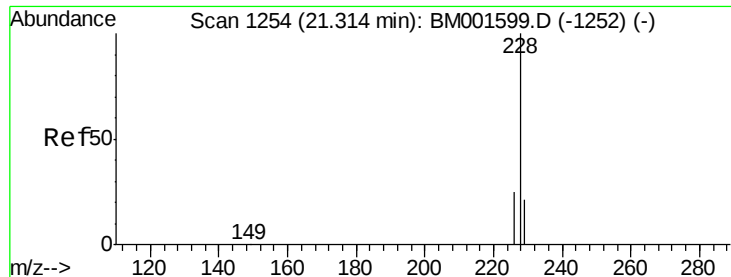


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 4.87 ng

RT: 21.31 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

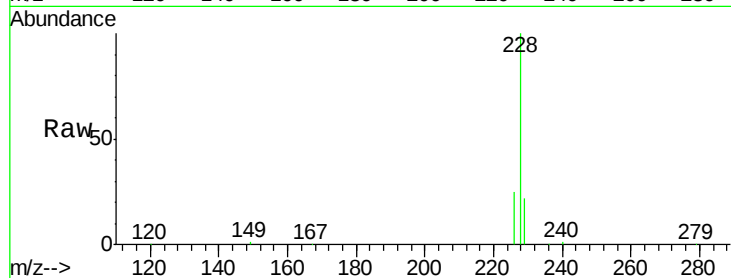
Tgt Ion:228 Resp: 69914

Ion Ratio Lower Upper

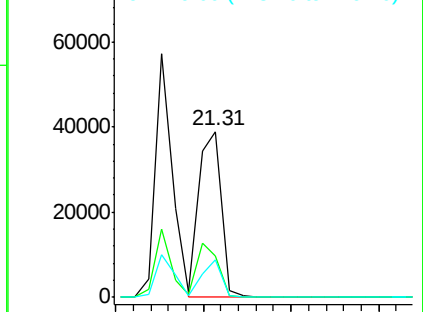
228 100

226 24.8 20.6 31.0

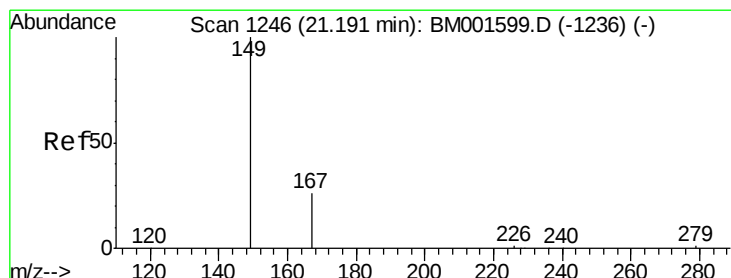
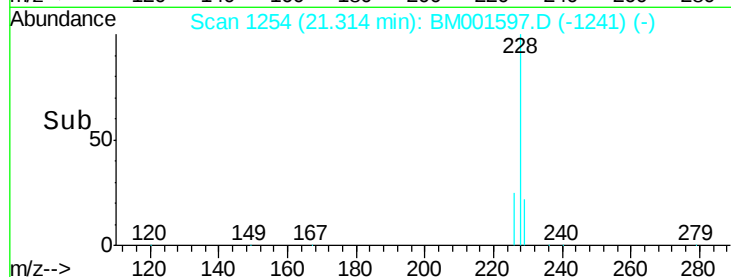
229 22.4 17.4 26.2



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



Time--> 21.20 21.30 21.40 21.50



#30

Bis(2-ethylhexyl)phthalate

Concen: 5.50 ng

RT: 21.19 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

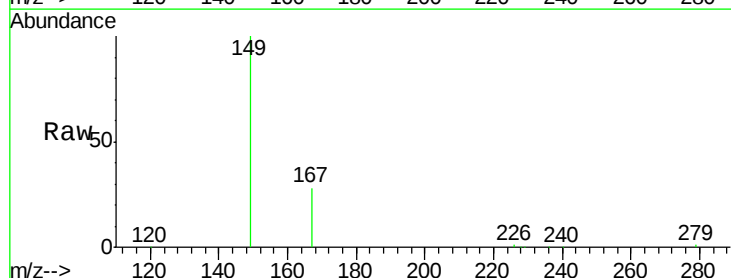
Tgt Ion:149 Resp: 48327

Ion Ratio Lower Upper

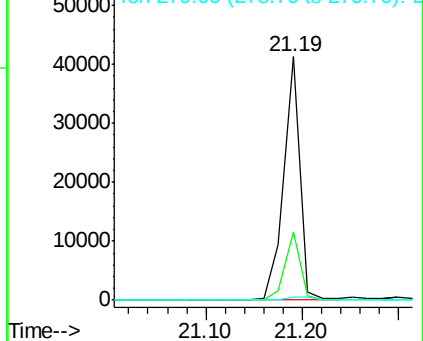
149 100

167 26.3 20.2 30.4

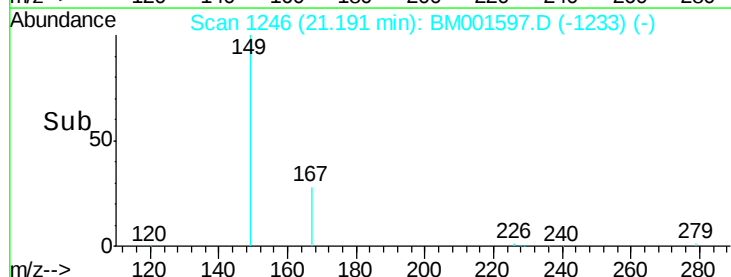
279 1.9 1.7 2.5

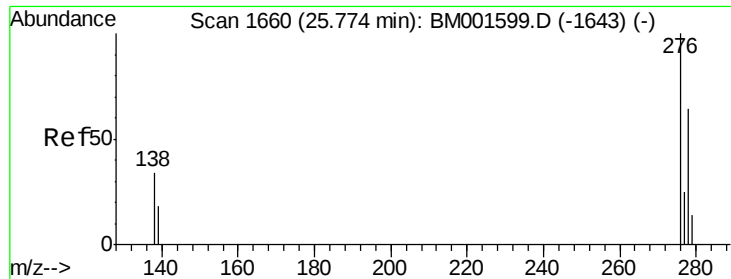


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 21.10 21.20





#31

Indeno(1,2,3-cd)pyrene

Concen: 4.82 ng

RT: 25.76 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

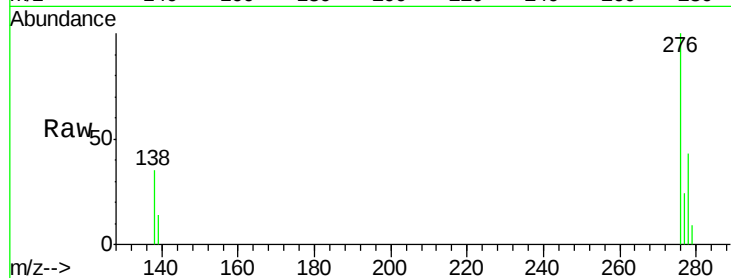
Tgt Ion:276 Resp: 73882

Ion Ratio Lower Upper

276 100

138 35.5 28.2 42.2

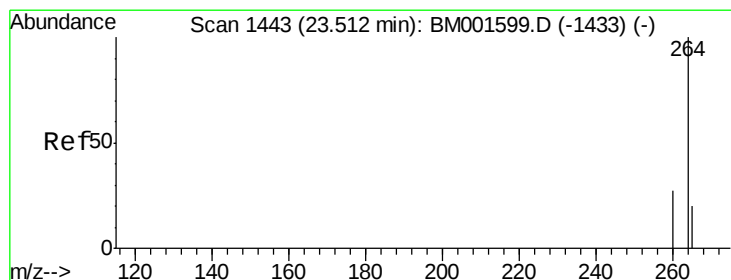
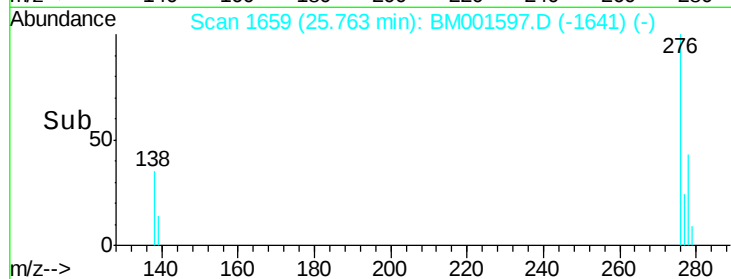
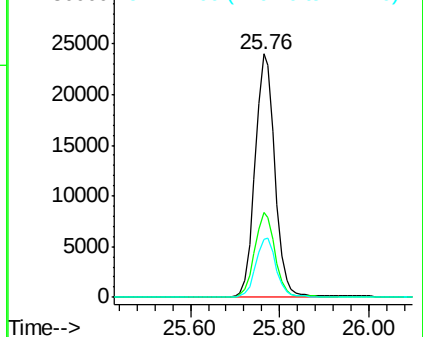
277 24.5 19.4 29.2



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: BM001597.D

Acq: 08 Jun 2015 23:22

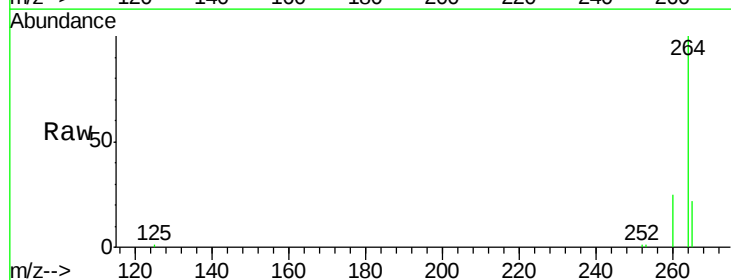
Tgt Ion:264 Resp: 48087

Ion Ratio Lower Upper

264 100

260 25.2 21.8 32.6

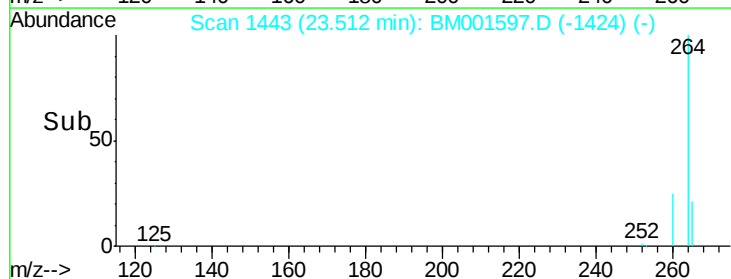
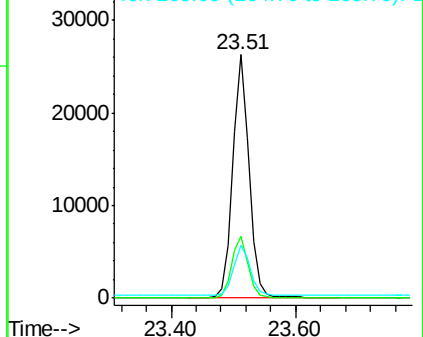
265 22.0 16.8 25.2

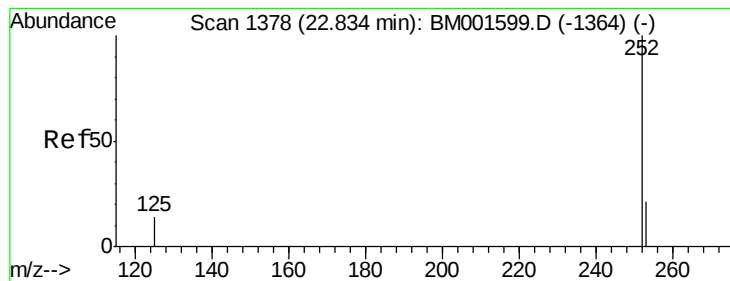


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#33

Benzo(b)fluoranthene

Concen: 4.92 ng

RT: 22.83 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDICC005

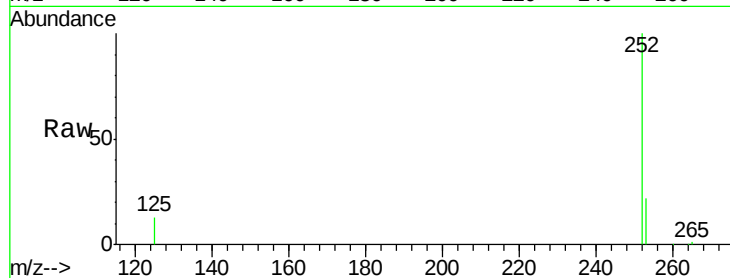
Tgt Ion:252 Resp: 71264

Ion Ratio Lower Upper

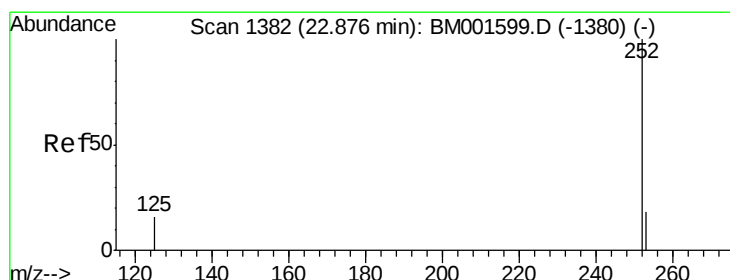
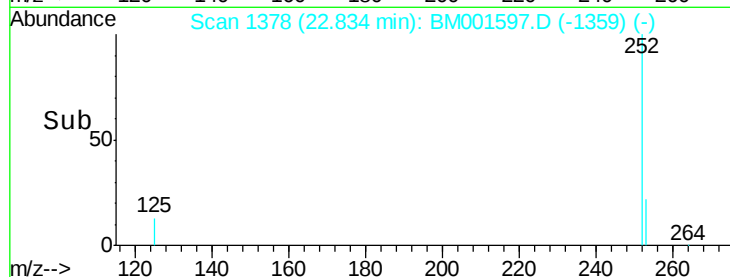
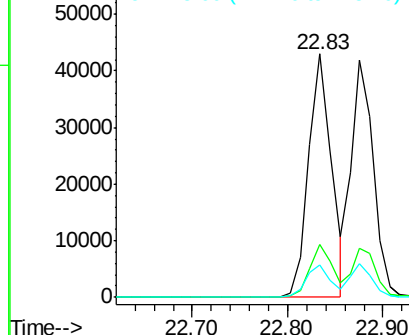
252 100

253 22.0 17.6 26.4

125 13.3 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: 5.15 ng

RT: 22.88 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

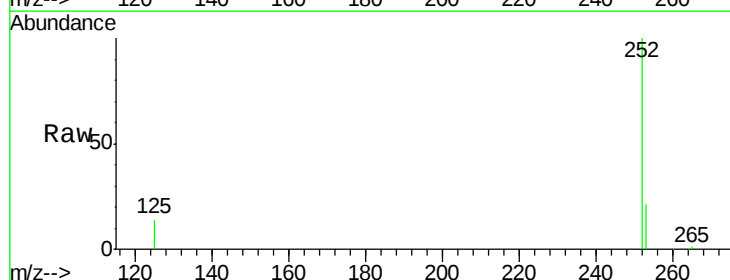
Tgt Ion:252 Resp: 67856

Ion Ratio Lower Upper

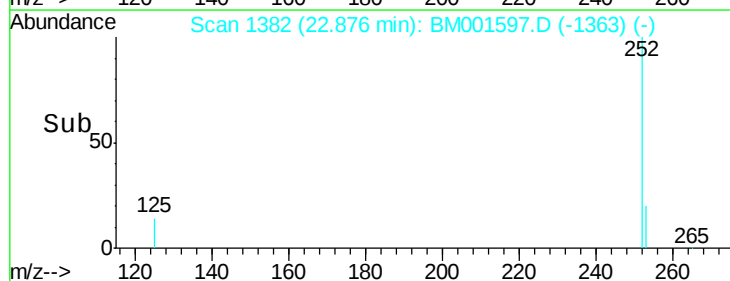
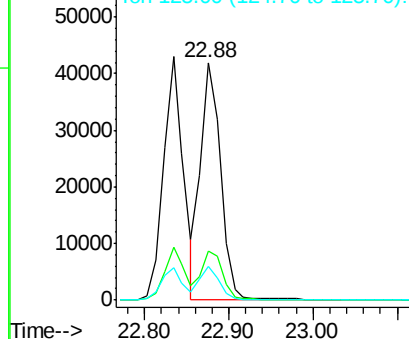
252 100

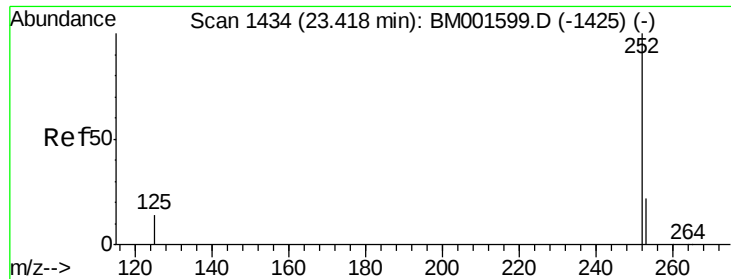
253 20.7 17.1 25.7

125 14.0 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: 5.03 ng

RT: 23.41 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005

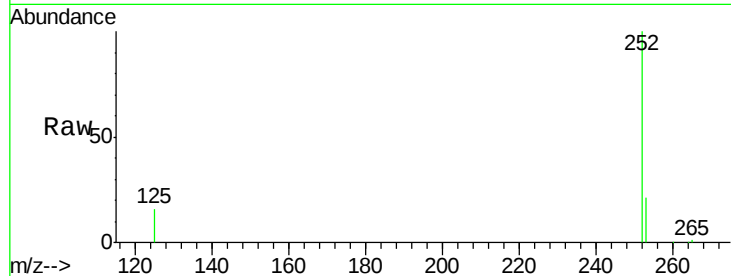
Tgt Ion: 252 Resp: 63395

Ion Ratio Lower Upper

252 100

253 21.0 19.4 29.0

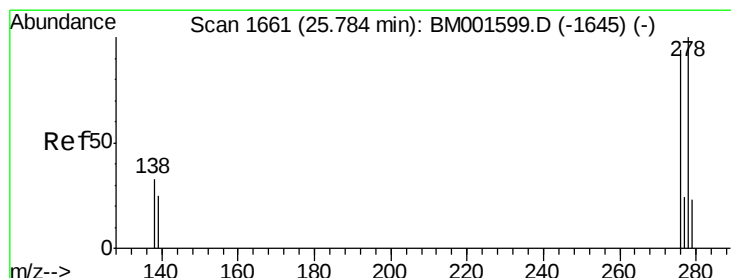
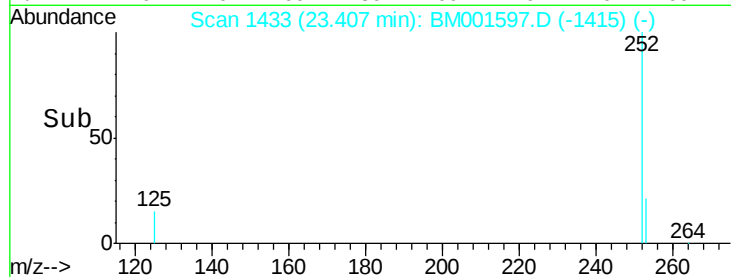
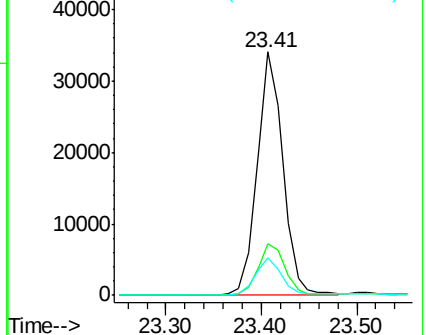
125 15.6 13.0 19.6



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: 4.67 ng

RT: 25.78 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BM001597.D

Acq: 08 Jun 2015 23:22

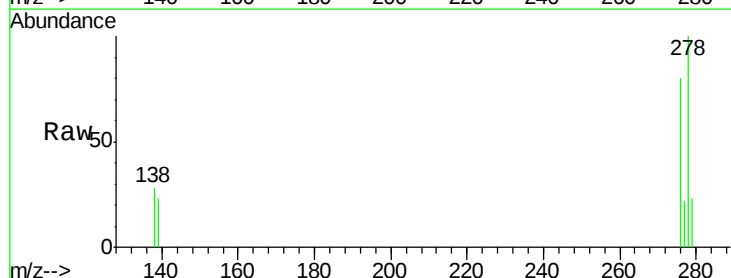
Tgt Ion: 278 Resp: 57459

Ion Ratio Lower Upper

278 100

139 23.0 20.6 31.0

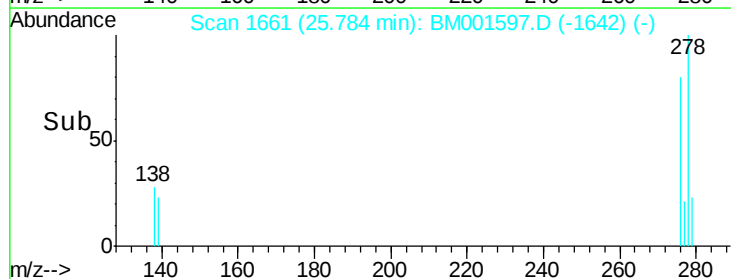
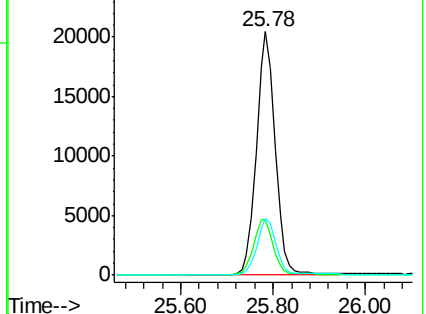
279 23.5 19.7 29.5

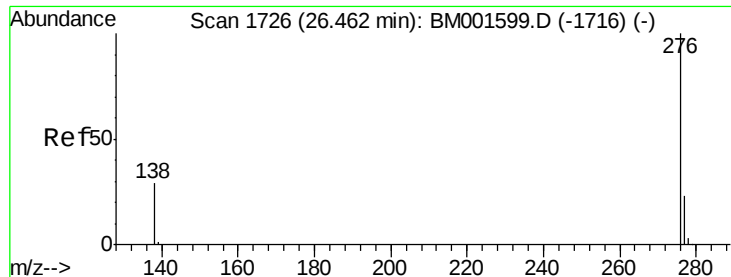


Abundance Ion 278.00 (277.70 to 278.70): E

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: 4.66 ng

RT: 26.45 min Scan# 1725

Delta R.T. -0.01 min

Lab File: BM001597.D

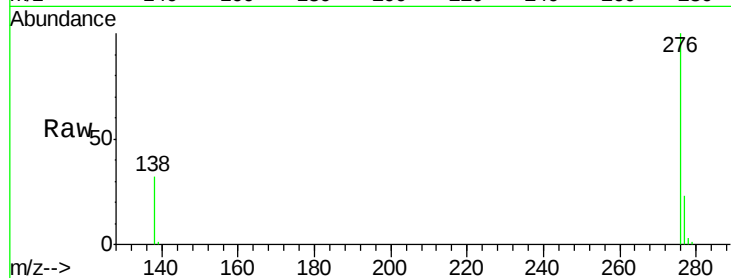
Acq: 08 Jun 2015 23:22

Instrument :

BNA_M

ClientSampleId :

SSTDIC005



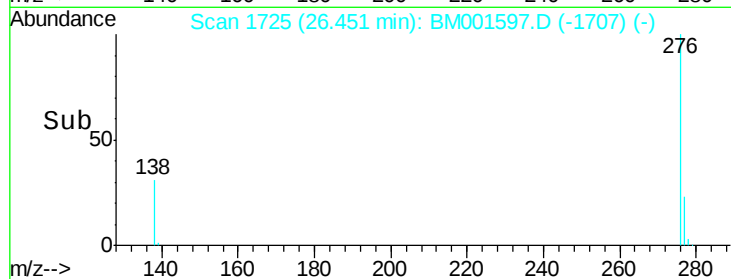
Tgt Ion: 276 Resp: 60364

Ion Ratio Lower Upper

276 100

277 22.9 19.4 29.0

138 31.5 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

