

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060615\
 Data File : BM001575.D
 Acq On : 05 Jun 2015 20:49
 Operator : TP/IZ
 Sample : SSTDICC0.1
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Quant Time: Jun 06 01:20:57 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIM-BM060615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 06 01:16:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	26588	5.00	ng	0.00
6) Naphthalene-d8	10.47	136	95158	5.00	ng	0.00
12) Acenaphthene-d10	14.35	164	46471	5.00	ng	0.00
18) Phenanthrene-d10	17.09	188	85288	5.00	ng	0.00
25) Chrysene-d12	21.28	240	71880	5.00	ng	0.00
32) Perylene-d12	23.52	264	61022	5.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.28	112	559	0.09	ng	0.00
5) Phenol-d6	6.86	99	675	0.09	ng	0.00
7) Nitrobenzene-d5	8.86	82	598	0.09	ng	0.00
13) 2,4,6-Tribromophenol	15.83	330	143	0.07	ng	0.00
14) 2-Fluorobiphenyl	12.97	172	1409	0.10	ng	0.00
27) Terphenyl-d14	19.72	244	952	0.11	ng	0.00

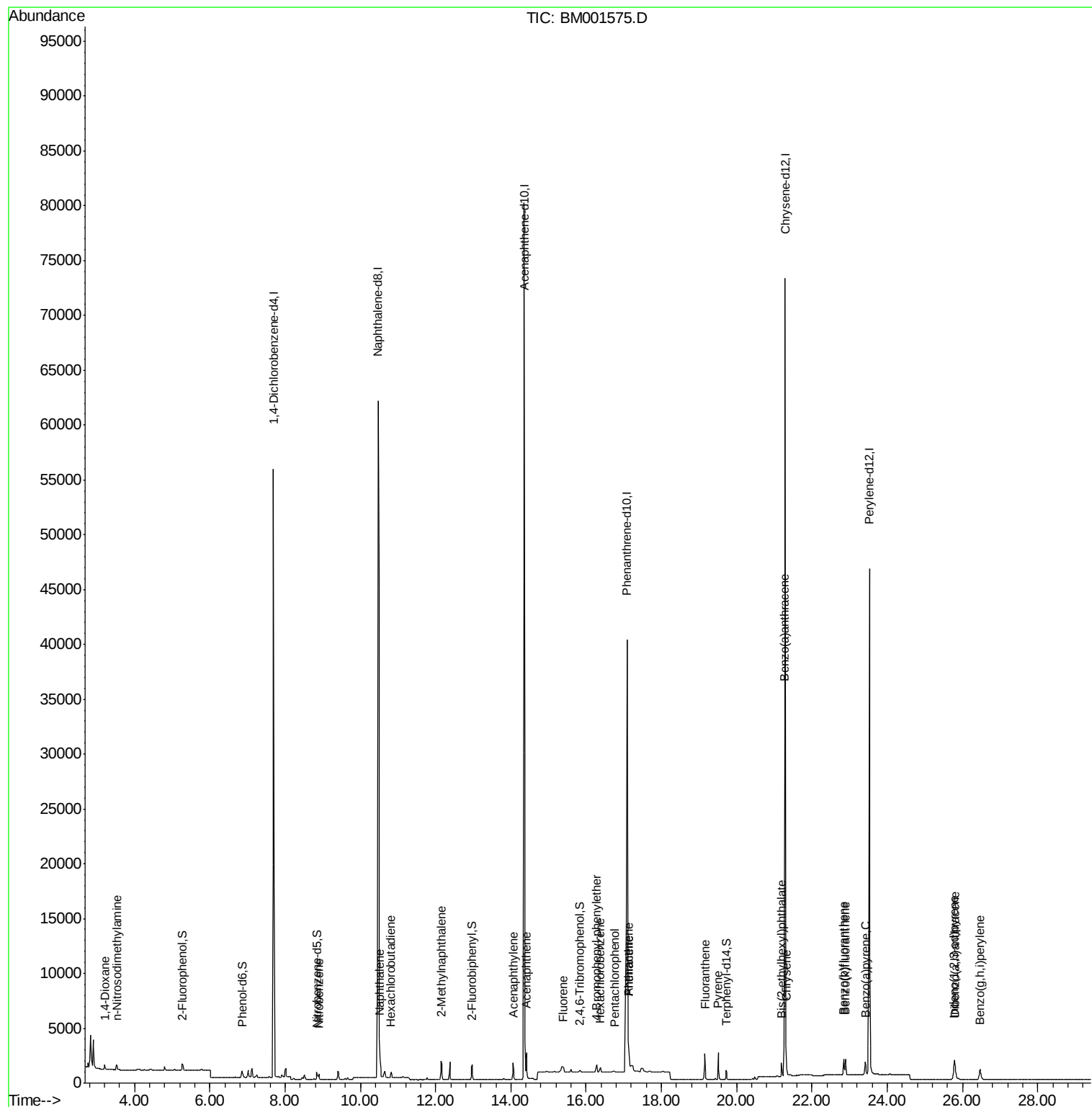
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.21	88	373	0.13	ng	# 79
3) n-Nitrosodimethylamine	3.52	42	380	0.09	ng	# 97
8) Nitrobenzene	8.90	77	618	0.09	ng	100
9) Naphthalene	10.52	128	2058	0.10	ng	# 92
10) Hexachlorobutadiene	10.82	225	356	0.10	ng	97
11) 2-Methylnaphthalene	12.15	142	1273	0.10	ng	97
15) Acenaphthylene	14.06	152	1795	0.09	ng	100
16) Acenaphthene	14.41	154	1224	0.10	ng	97
17) Fluorene	15.39	166	770	0.08	ng	# 99
19) 4-Bromophenyl-phenylether	16.27	248	526	0.15	ng	95
20) Hexachlorobenzene	16.38	284	271	0.14	ng	# 80
21) Pentachlorophenol	16.75	266	96	0.10	ng	# 79
22) Phenanthrene	17.12	178	2986	0.12	ng	97
23) Anthracene	17.12	178	3228	0.28	ng	# 52
24) Fluoranthene	19.15	202	2254	0.12	ng	100
26) Pyrene	19.52	202	2326	0.10	ng	100
28) Benzo(a)anthracene	21.27	228	2149	0.11	ng	# 85
29) Chrysene	21.31	228	2064	0.11	ng	95
30) Bis(2-ethylhexyl)phthalate	21.19	149	1321	0.09	ng	# 97
31) Indeno(1,2,3-cd)pyrene	25.77	276	2371	0.12	ng	99
33) Benzo(b)fluoranthene	22.84	252	1977	0.12	ng	# 80
34) Benzo(k)fluoranthene	22.89	252	1711	0.11	ng	# 84
35) Benzo(a)pyrene	23.42	252	1718	0.11	ng	# 75
36) Dibenzo(a,h)anthracene	25.79	278	1873	0.13	ng	# 85
37) Benzo(g,h,i)perylene	26.46	276	1994	0.13	ng	# 86

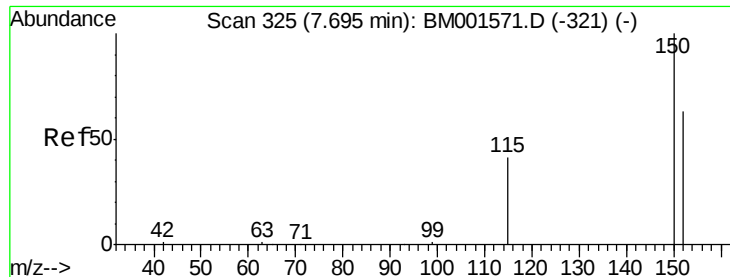
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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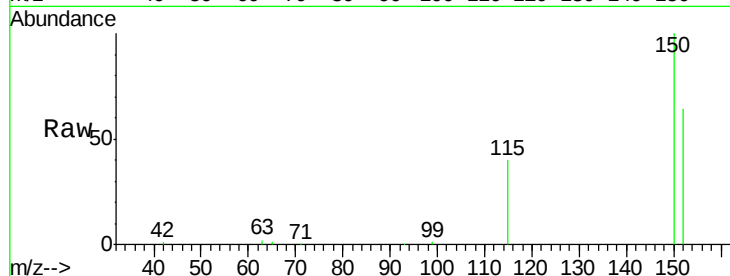


#1

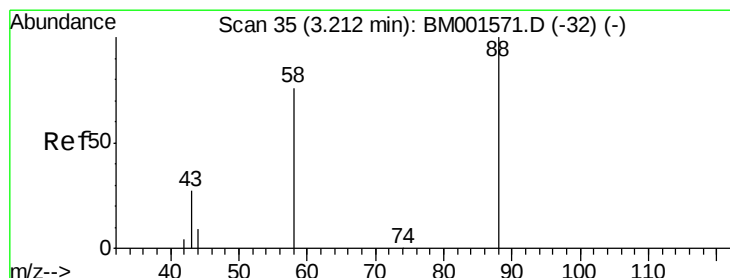
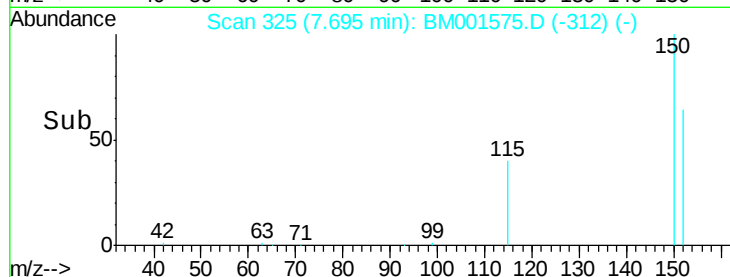
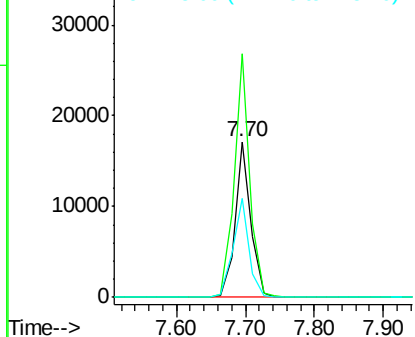
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.70 min Scan# 325
Delta R.T. 0.00 min
Lab File: BM001575.D
Acq: 05 Jun 2015 20:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

Tgt Ion: 152 Resp: 26588
Ion Ratio Lower Upper
152 100
150 156.8 126.6 190.0
115 63.4 51.6 77.4



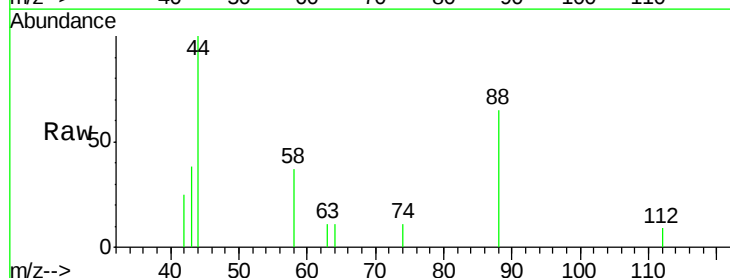
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



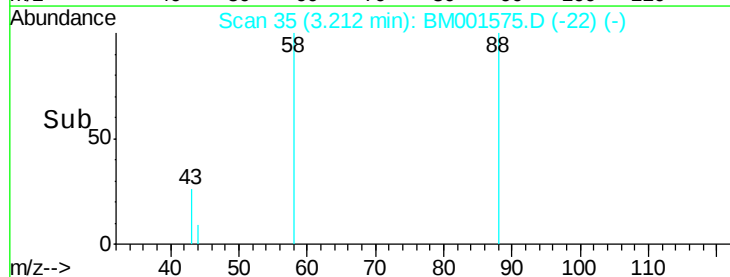
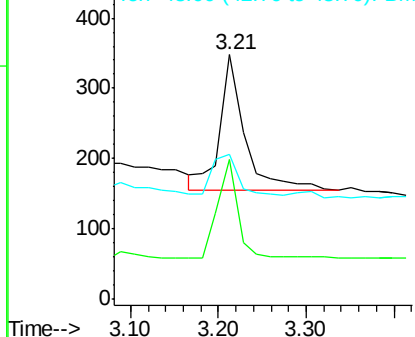
#2

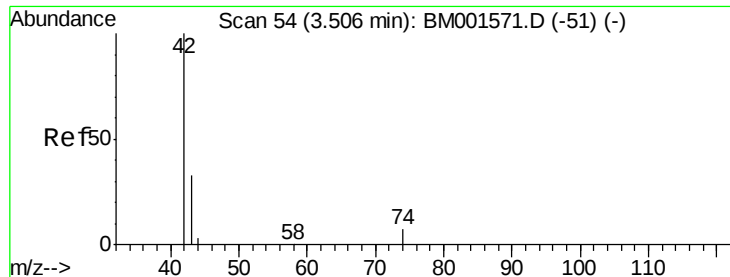
1,4-Dioxane
Concen: 0.13 ng
RT: 3.21 min Scan# 35
Delta R.T. 0.00 min
Lab File: BM001575.D
Acq: 05 Jun 2015 20:49

Tgt Ion: 88 Resp: 373
Ion Ratio Lower Upper
88 100
58 60.1 66.1 99.1#
43 32.4 32.3 48.5



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: 0.09 ng

RT: 3.52 min Scan# 55

Delta R.T. 0.02 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

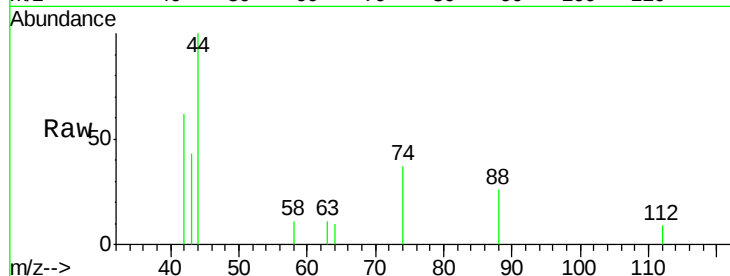
Tgt Ion: 42 Resp: 380

Ion Ratio Lower Upper

42 100

74 98.9 77.2 115.8

44 12.1 7.4 11.2#



Abundance Ion 42.00 (41.70 to 42.70): BM001571.D (-51) (-)

Ion 74.00 (73.70 to 74.70): BM001571.D (-51) (-)

Ion 44.00 (43.70 to 44.70): BM001571.D (-51) (-)

600

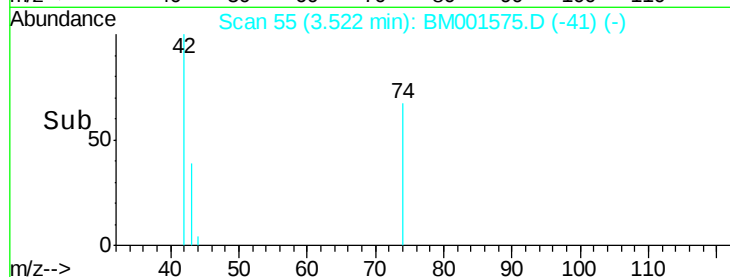
400

200

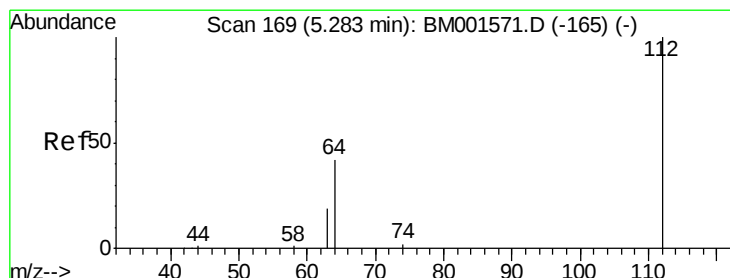
0

3.52

Time-->



Time-->



#4

2-Fluorophenol

Concen: 0.09 ng

RT: 5.28 min Scan# 169

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

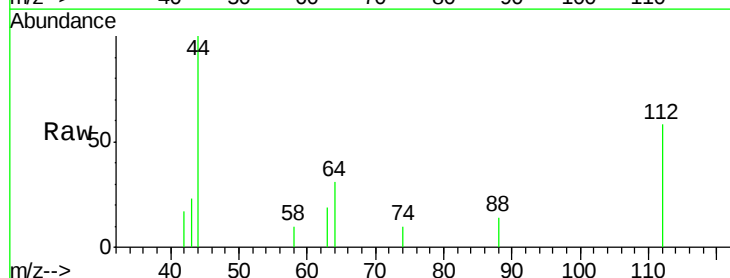
Tgt Ion: 112 Resp: 559

Ion Ratio Lower Upper

112 100

64 67.8 53.3 79.9

63 39.4 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): BM001571.D (-165) (-)

Ion 64.00 (63.70 to 64.70): BM001571.D (-165) (-)

Ion 63.00 (62.70 to 63.70): BM001571.D (-165) (-)

400

300

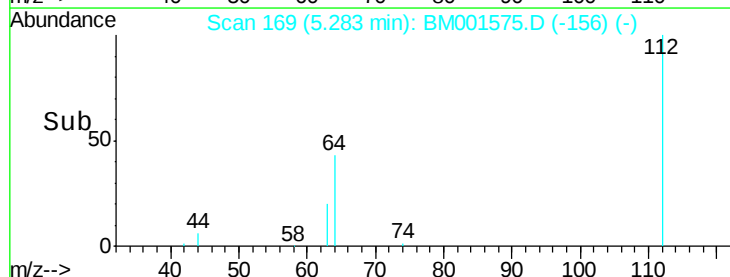
200

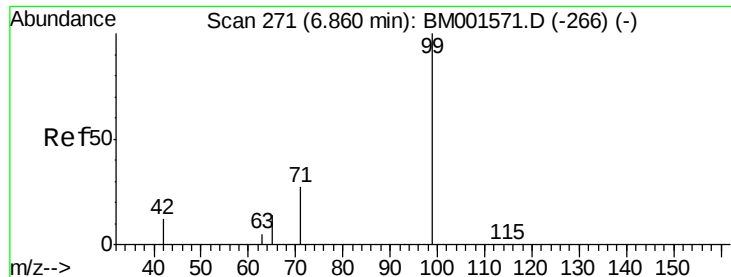
100

0

5.28

Time-->





#5

Phenol-d6

Concen: 0.09 ng

RT: 6.86 min Scan# 271

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

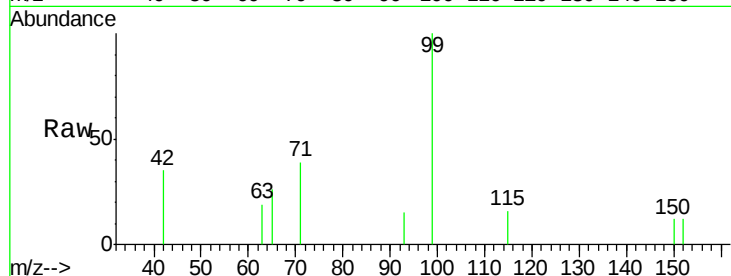
Tgt Ion: 99 Resp: 675

Ion Ratio Lower Upper

99 100

42 27.4 21.4 32.2

71 38.1 29.0 43.4

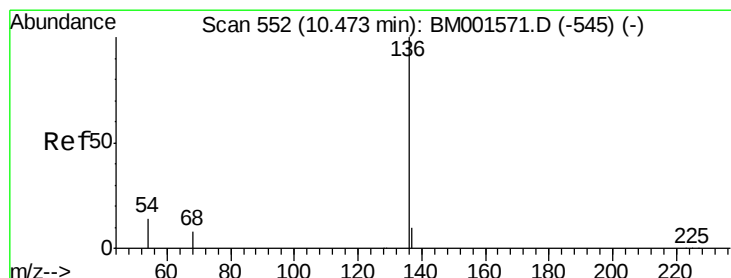
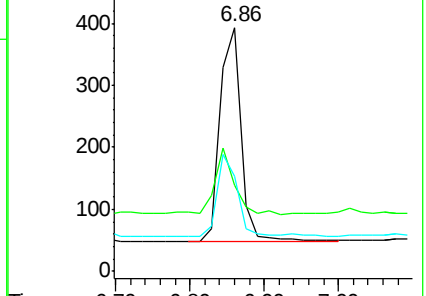
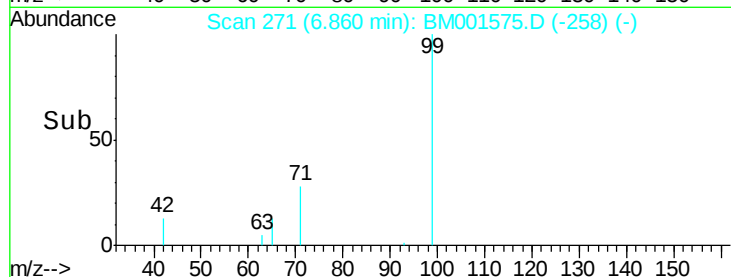


Abundance Ion 99.00 (98.70 to 99.70): BM001575.D (-266) (-)

Ion 42.00 (41.70 to 42.70): BM001575.D (-266) (-)

Ion 71.00 (70.70 to 71.70): BM001575.D (-266) (-)

Time--> 6.70 6.80 6.90 7.00



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.47 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Tgt Ion: 136 Resp: 95158

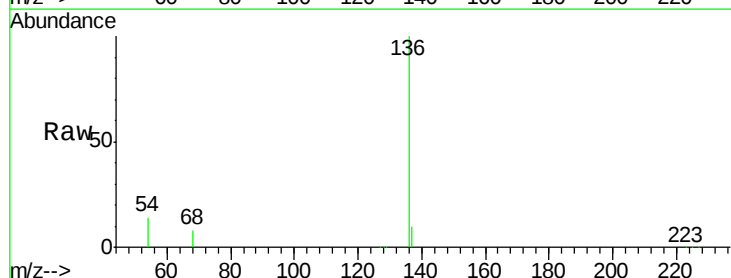
Ion Ratio Lower Upper

136 100

137 10.1 8.1 12.1

54 14.0 11.7 17.5

68 7.7 6.6 9.8



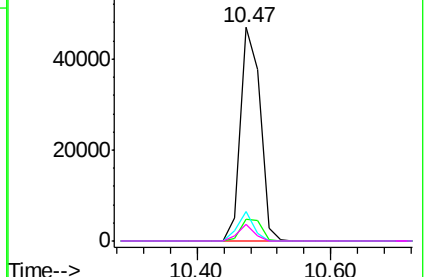
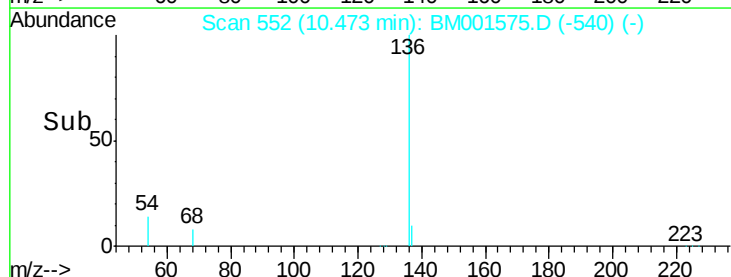
Abundance Ion 136.00 (135.70 to 136.70): BM001575.D (-545) (-)

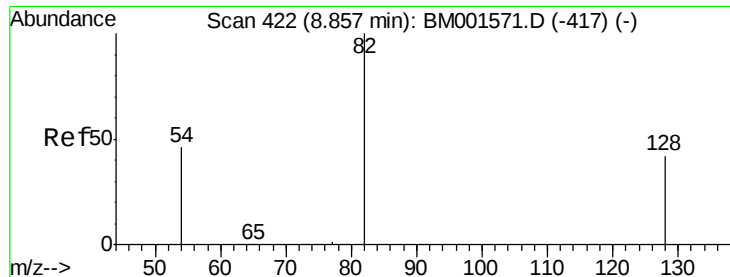
Ion 137.00 (136.70 to 137.70): BM001575.D (-545) (-)

Ion 54.00 (53.70 to 54.70): BM001575.D (-545) (-)

Ion 68.00 (67.70 to 68.70): BM001575.D (-545) (-)

Time--> 10.40 10.60





#7

Nitrobenzene-d5

Concen: 0.09 ng

RT: 8.86 min Scan# 422

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

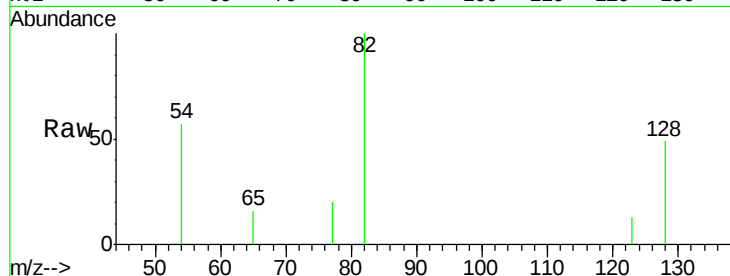
Tgt Ion: 82 Resp: 598

Ion Ratio Lower Upper

82 100

128 49.1 34.1 51.1

54 57.0 37.8 56.6#

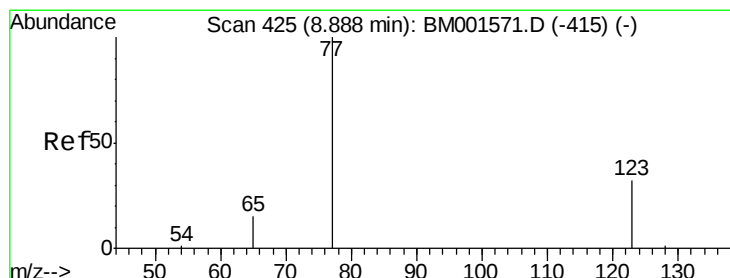
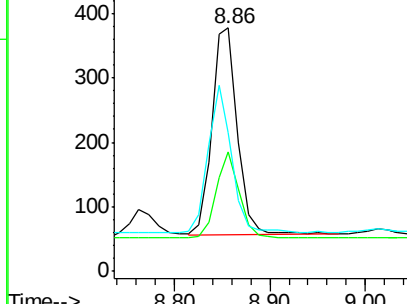
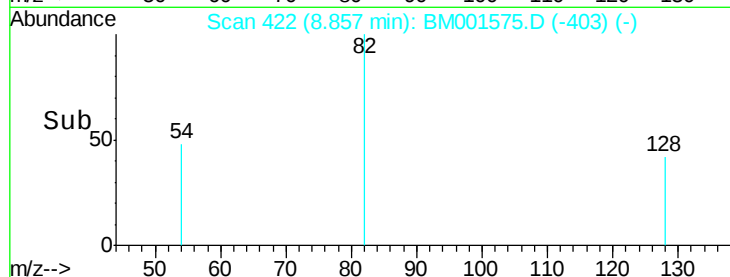


Abundance Ion 82.00 (81.70 to 82.70): BM001575.D (-417) (-)

Ion 128.00 (127.70 to 128.70): BM001575.D (-417) (-)

Ion 54.00 (53.70 to 54.70): BM001575.D (-417) (-)

Time-->



#8

Nitrobenzene

Concen: 0.09 ng

RT: 8.90 min Scan# 426

Delta R.T. 0.01 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

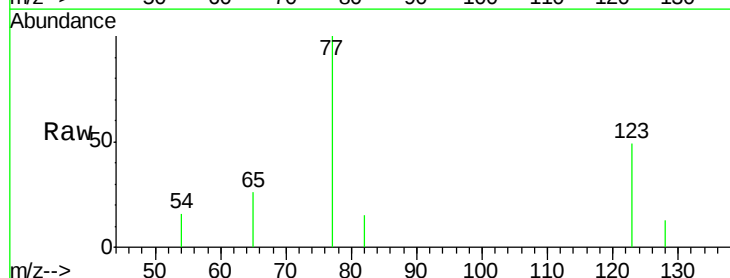
Tgt Ion: 77 Resp: 618

Ion Ratio Lower Upper

77 100

123 39.5 31.7 47.5

65 14.2 11.4 17.0

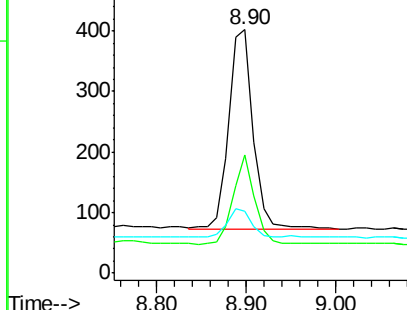
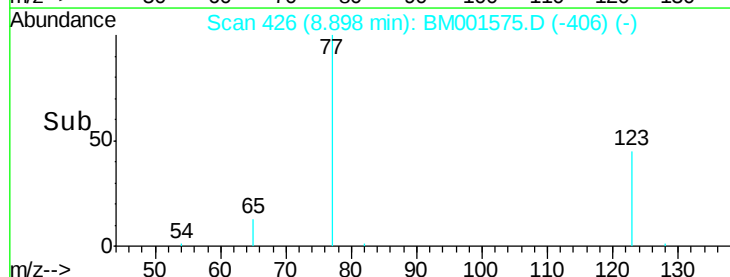


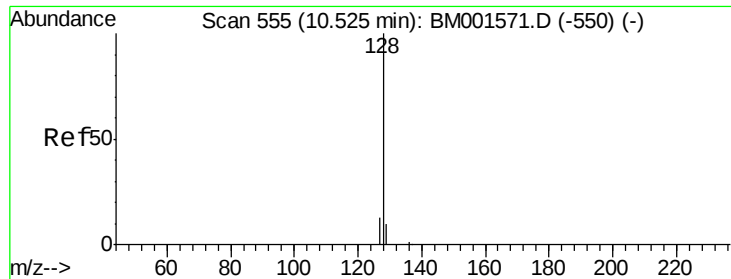
Abundance Ion 77.00 (76.70 to 77.70): BM001575.D (-406) (-)

Ion 123.00 (122.70 to 123.70): BM001575.D (-406) (-)

Ion 65.00 (64.70 to 65.70): BM001575.D (-406) (-)

Time-->





#9

Naphthalene

Concen: 0.10 ng

RT: 10.52 min Scan# 555

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

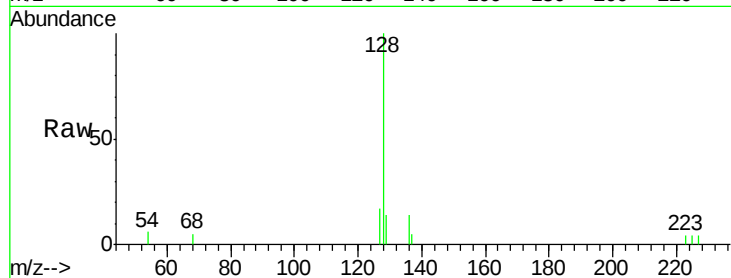
Tgt Ion:128 Resp: 2058

Ion Ratio Lower Upper

128 100

129 14.1 8.7 13.1#

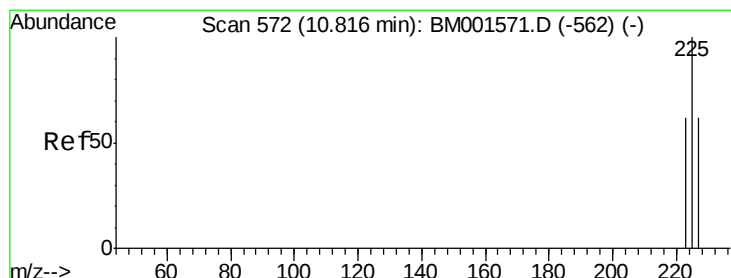
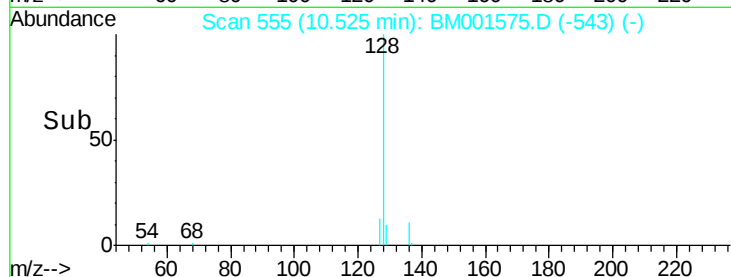
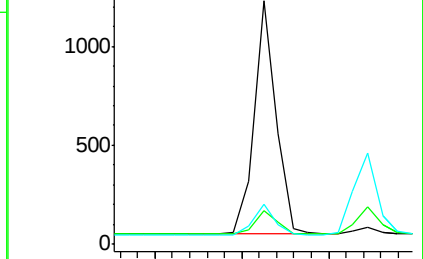
127 16.6 10.7 16.1#



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: 0.10 ng

RT: 10.82 min Scan# 572

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

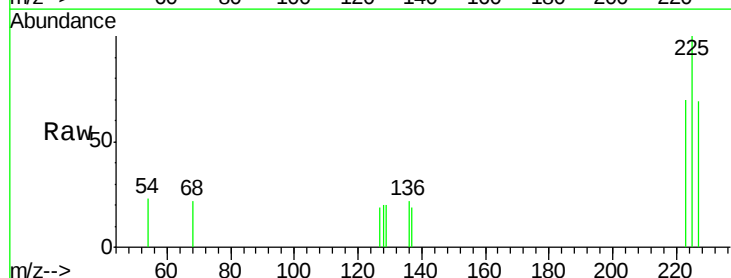
Tgt Ion:225 Resp: 356

Ion Ratio Lower Upper

225 100

223 66.6 50.4 75.6

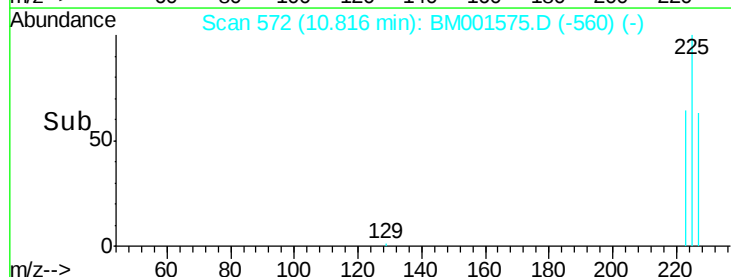
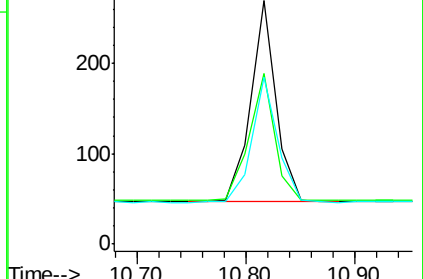
227 65.2 50.8 76.2

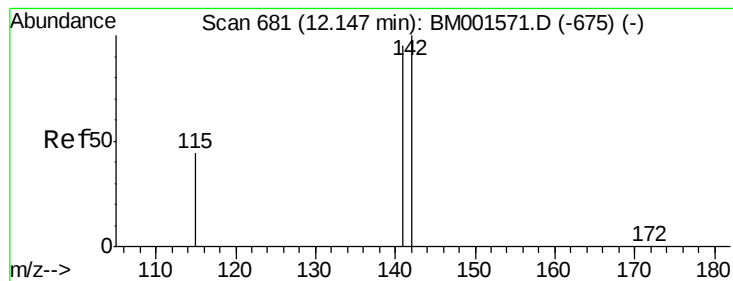


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 0.10 ng

RT: 12.15 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

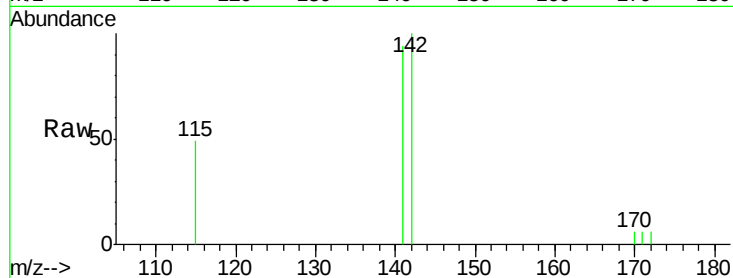
Tgt Ion:142 Resp: 1273

Ion Ratio Lower Upper

142 100

141 93.6 75.6 113.4

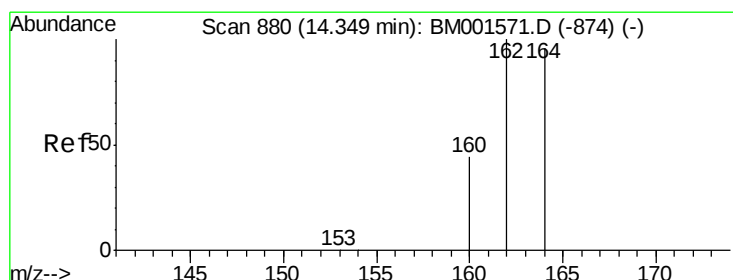
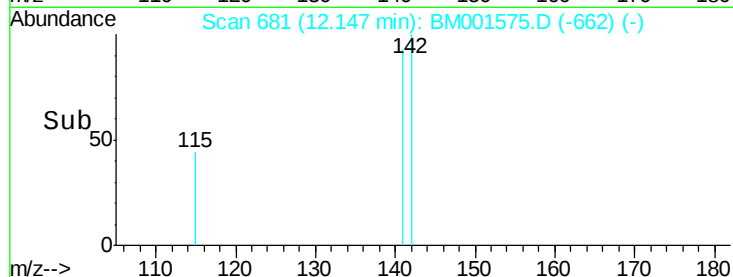
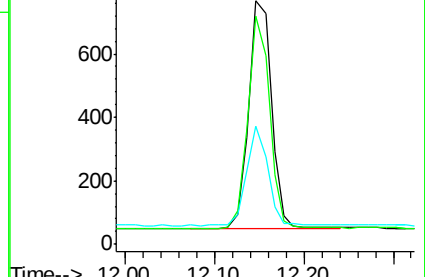
115 48.6 35.5 53.3



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: BM001575.D

Acq: 05 Jun 2015 20:49

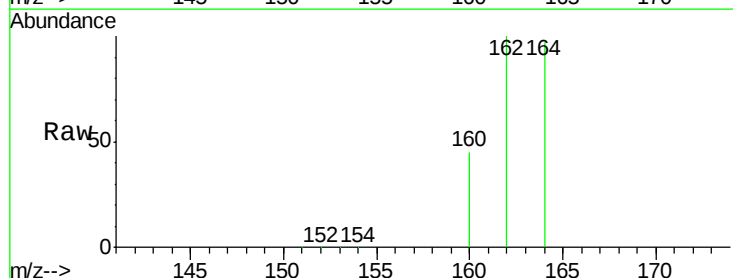
Tgt Ion:164 Resp: 46471

Ion Ratio Lower Upper

164 100

162 103.0 83.8 125.6

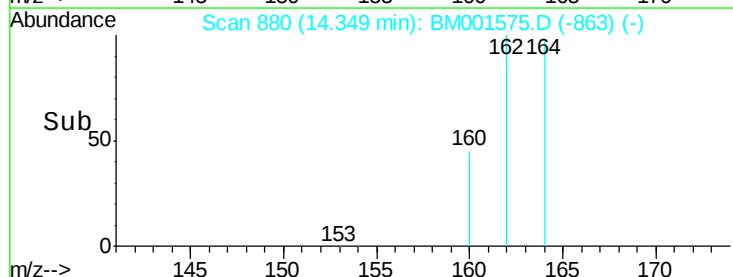
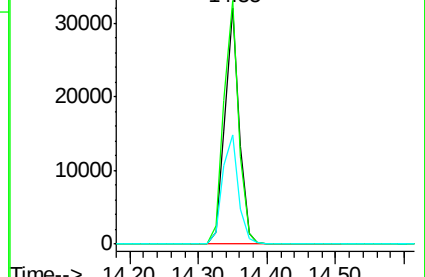
160 46.1 37.1 55.7

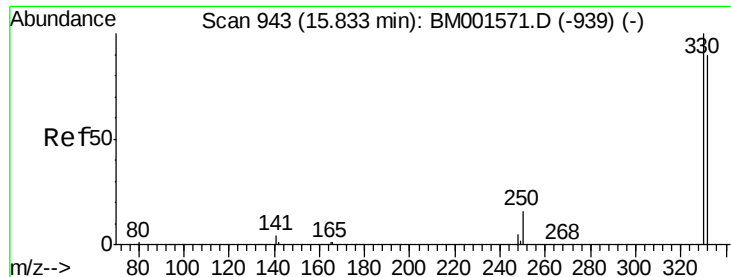


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

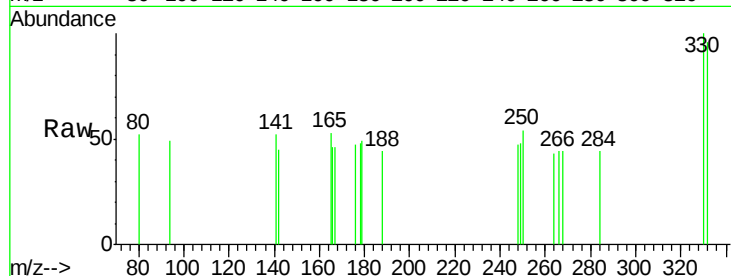




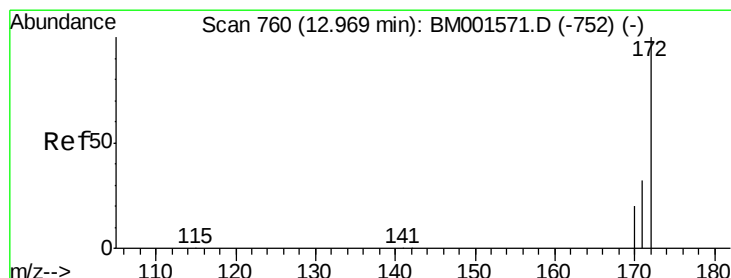
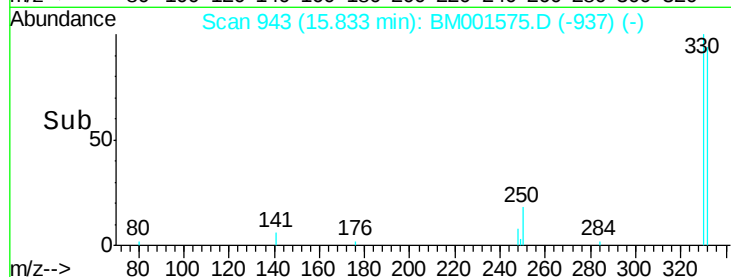
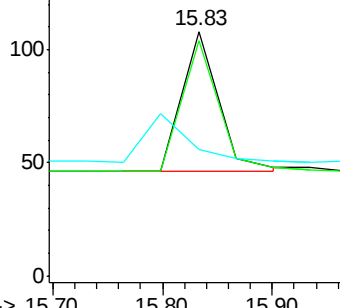
#13
 2,4,6-Tribromophenol
 Concen: 0.07 ng
 RT: 15.83 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BM001575.D
 Acq: 05 Jun 2015 20:49

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

Tgt Ion: 330 Resp: 143
 Ion Ratio Lower Upper
 330 100
 332 94.4 72.0 108.0
 141 0.0 0.0 0.0

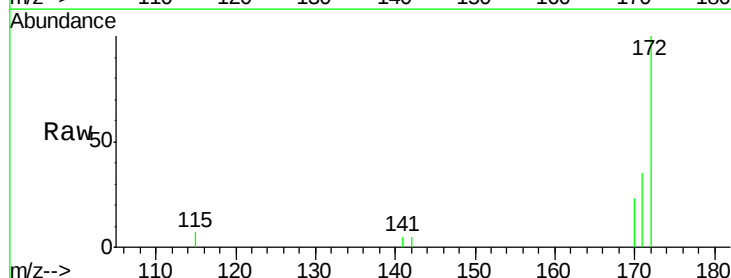


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

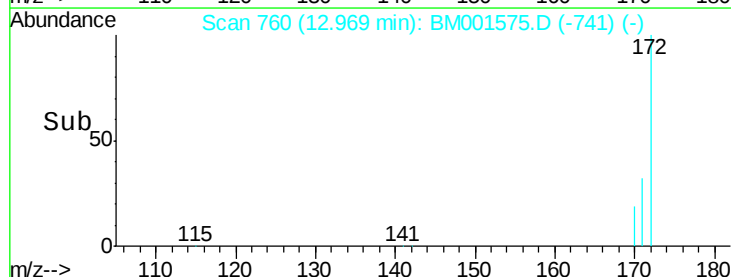
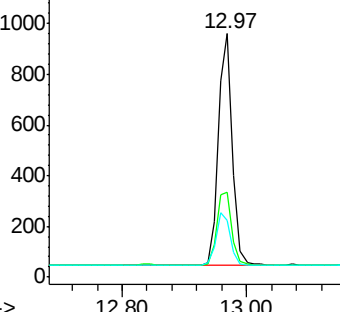


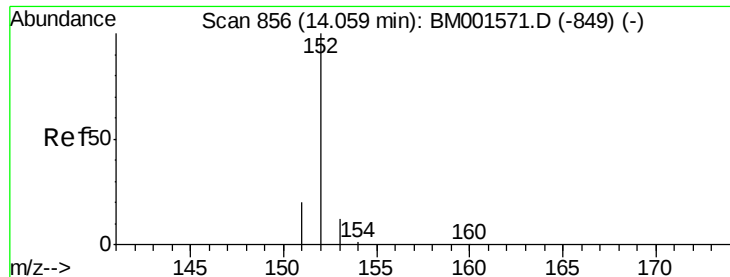
#14
 2-Fluorobiphenyl
 Concen: 0.10 ng
 RT: 12.97 min Scan# 760
 Delta R.T. 0.00 min
 Lab File: BM001575.D
 Acq: 05 Jun 2015 20:49

Tgt Ion: 172 Resp: 1409
 Ion Ratio Lower Upper
 172 100
 171 35.1 26.2 39.2
 170 23.3 16.1 24.1



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





#15

Acenaphthylene

Concen: 0.09 ng

RT: 14.06 min Scan# 856

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

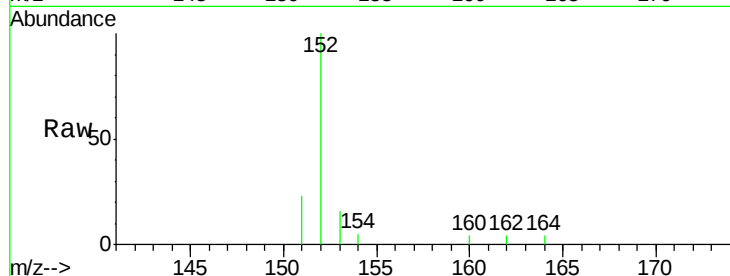
Tgt Ion:152 Resp: 1795

Ion Ratio Lower Upper

152 100

151 19.0 15.2 22.8

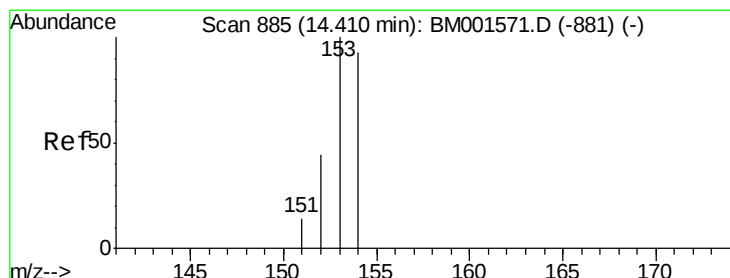
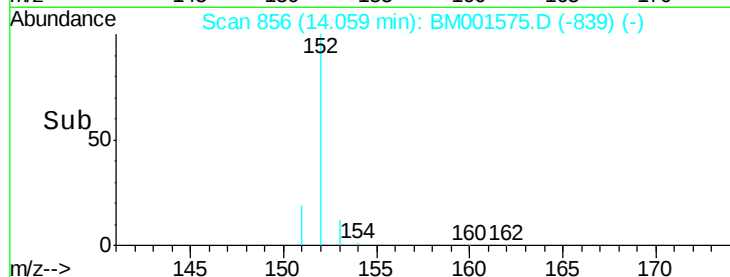
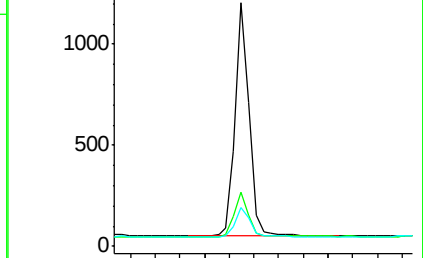
153 13.1 10.3 15.5



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: 0.10 ng

RT: 14.41 min Scan# 885

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

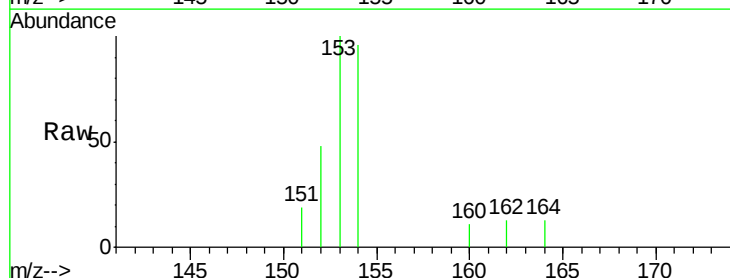
Tgt Ion:154 Resp: 1224

Ion Ratio Lower Upper

154 100

153 115.0 89.1 133.7

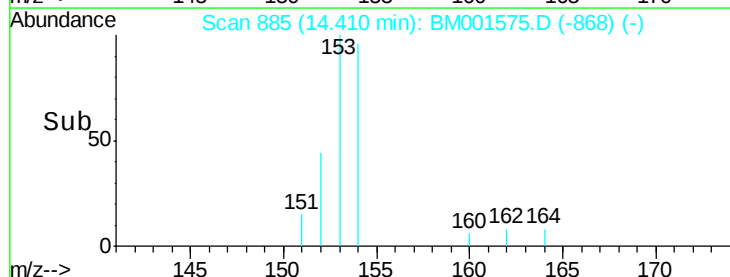
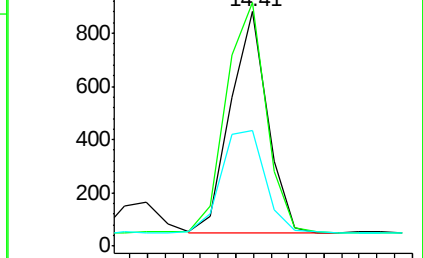
152 55.0 43.2 64.8

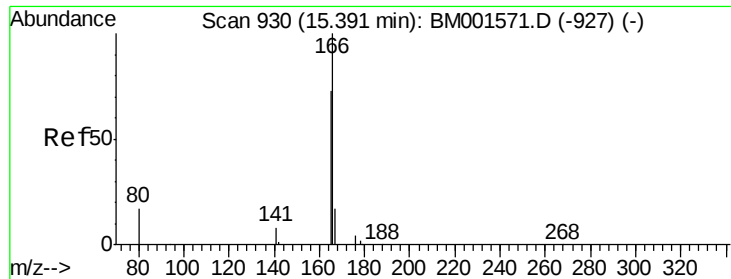


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

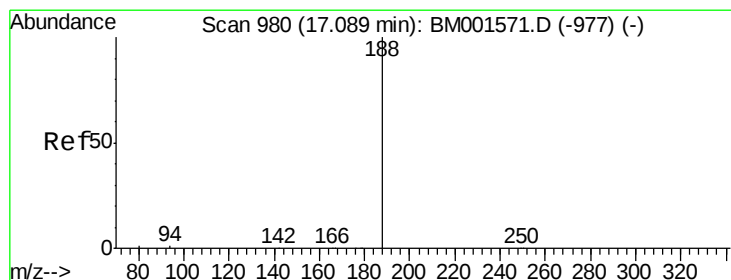
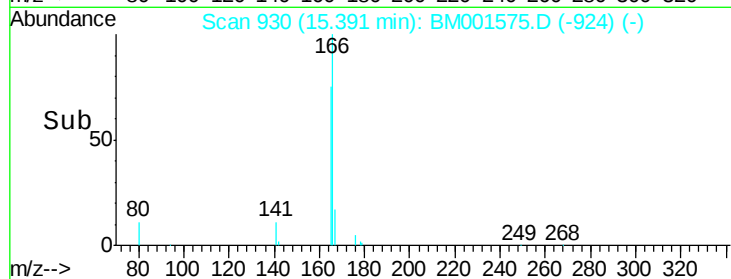
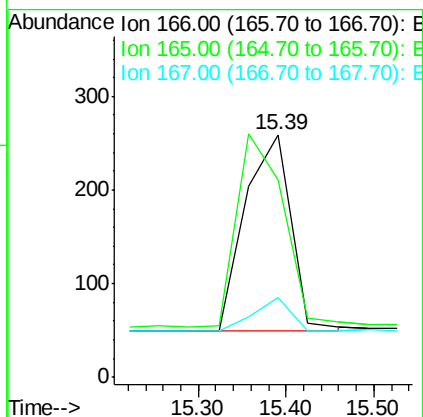
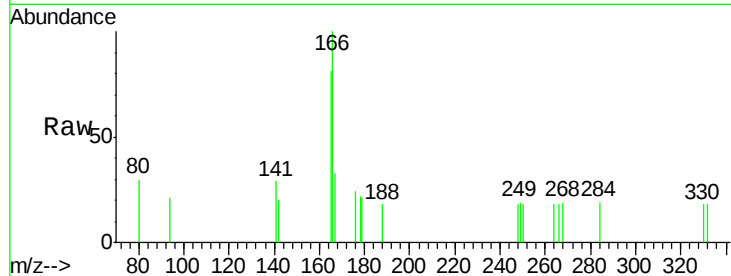




#17
Fluorene
 Concen: 0.08 ng
 RT: 15.39 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BM001575.D
 Acq: 05 Jun 2015 20:49

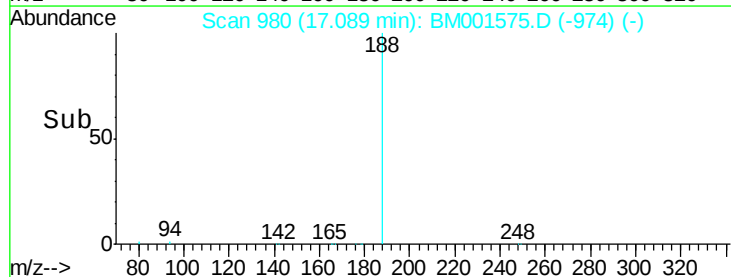
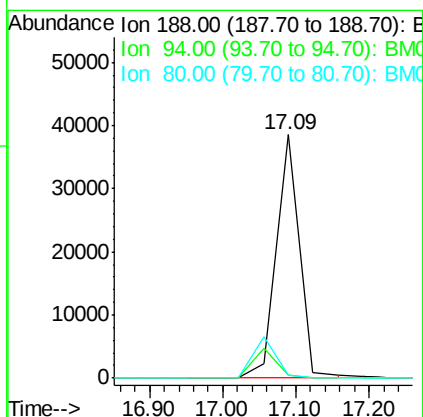
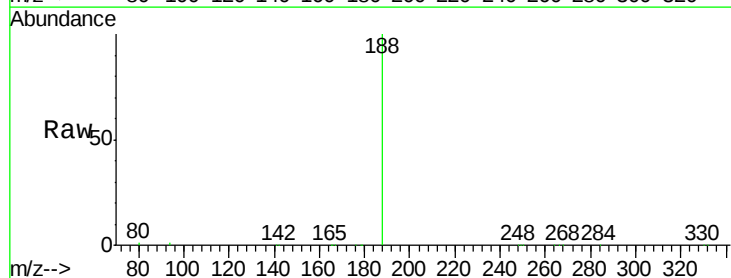
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.1

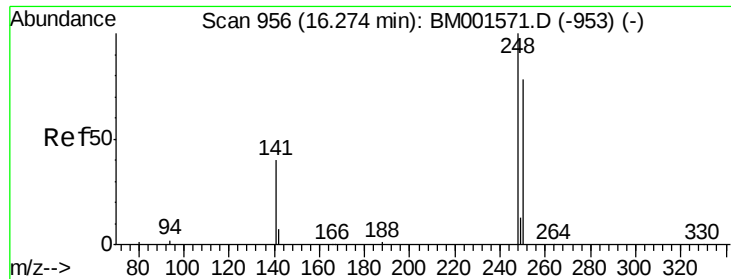
Tgt Ion:166 Resp: 770
 Ion Ratio Lower Upper
 166 100
 165 0.0 0.0 0.0
 167 13.8 11.3 16.9



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 17.09 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BM001575.D
 Acq: 05 Jun 2015 20:49

Tgt Ion:188 Resp: 85288
 Ion Ratio Lower Upper
 188 100
 94 1.2 0.7 1.1#
 80 1.1 0.6 1.0#

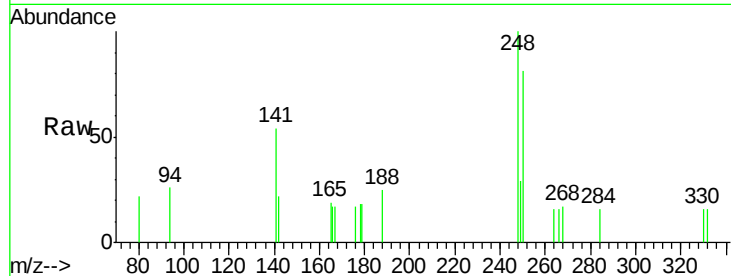




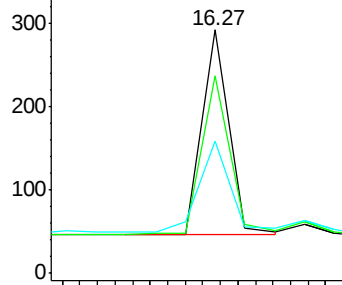
#19
4-Bromophenyl-phenylether
Concen: 0.15 ng
RT: 16.27 min Scan# 956
Delta R.T. 0.00 min
Lab File: BM001575.D
Acq: 05 Jun 2015 20:49

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.1

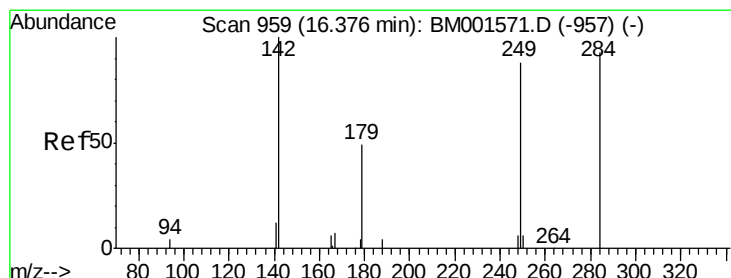
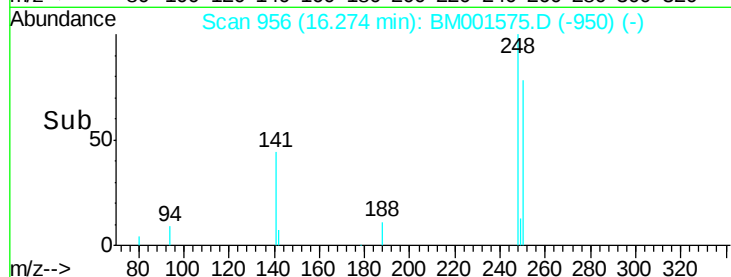
Tgt Ion:248 Resp: 526
Ion Ratio Lower Upper
248 100
250 80.2 63.1 94.7
141 50.4 35.0 52.6



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

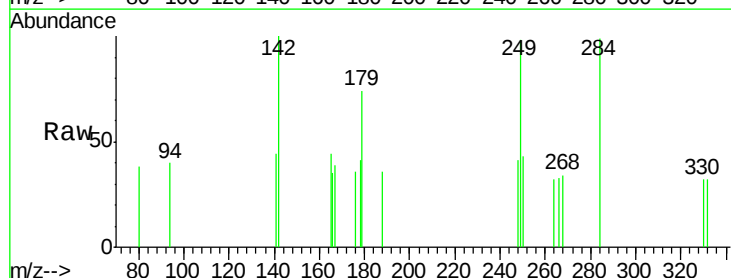


Time--> 16.10 16.20 16.30

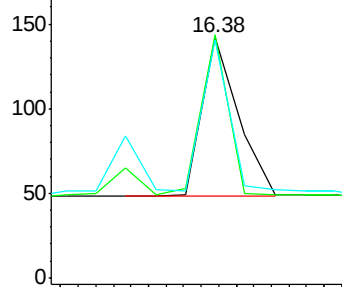


#20
Hexachlorobenzene
Concen: 0.14 ng
RT: 16.38 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM001575.D
Acq: 05 Jun 2015 20:49

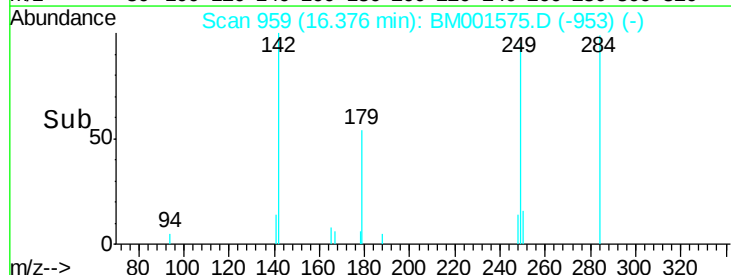
Tgt Ion:284 Resp: 271
Ion Ratio Lower Upper
284 100
142 87.1 64.2 96.2
249 96.3 55.4 83.0#

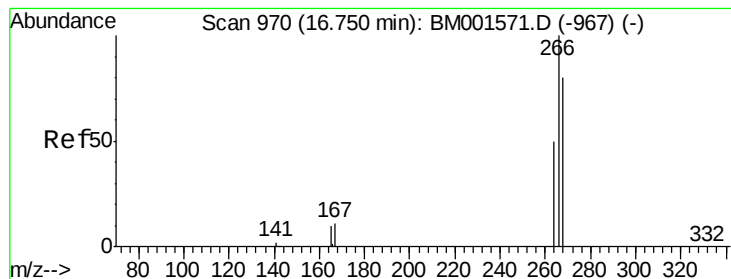


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time--> 16.20 16.30 16.40





#21

Pentachlorophenol

Concen: 0.10 ng

RT: 16.75 min Scan# 970

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

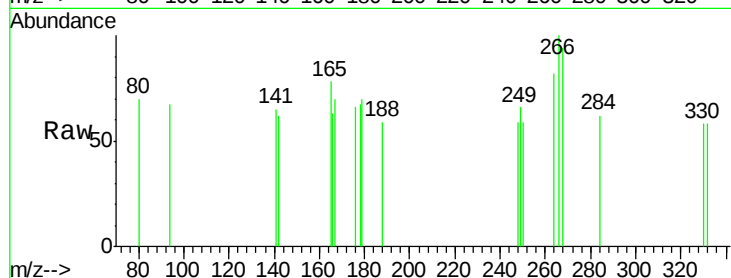
Tgt Ion:266 Resp: 96

Ion Ratio Lower Upper

266 100

268 93.7 66.3 99.5

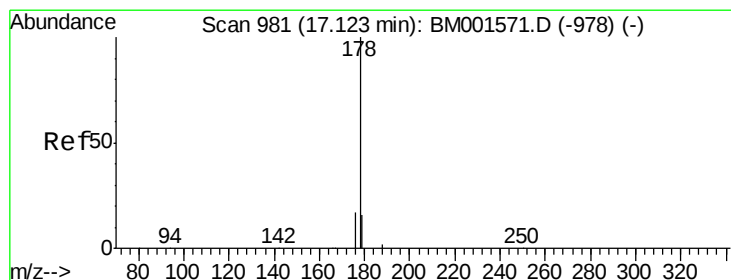
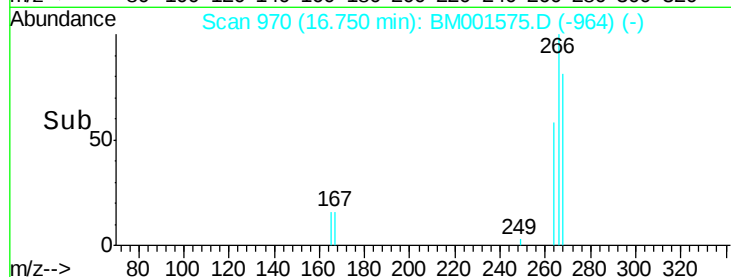
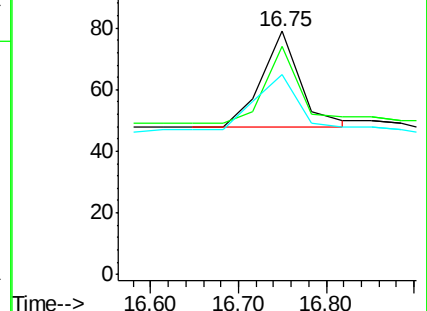
264 82.3 45.5 68.3#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#22

Phenanthrene

Concen: 0.12 ng

RT: 17.12 min Scan# 981

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

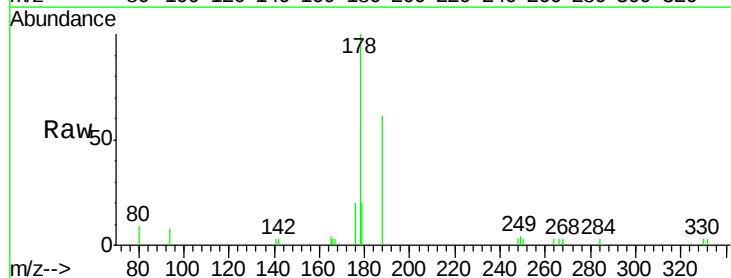
Tgt Ion:178 Resp: 2986

Ion Ratio Lower Upper

178 100

176 17.0 13.5 20.3

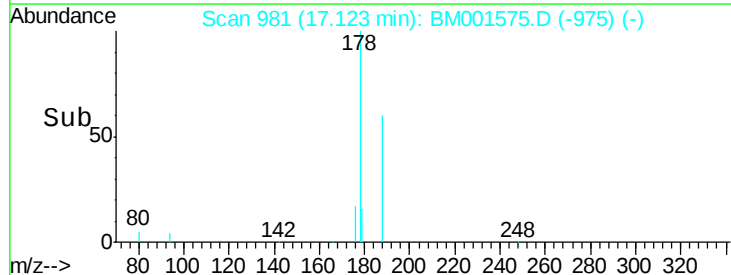
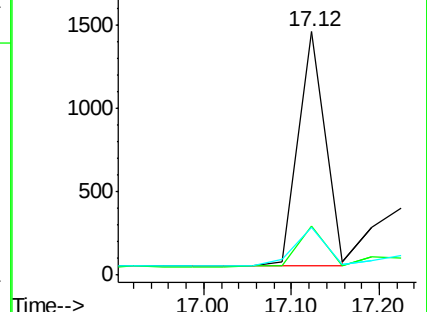
179 18.8 13.3 19.9

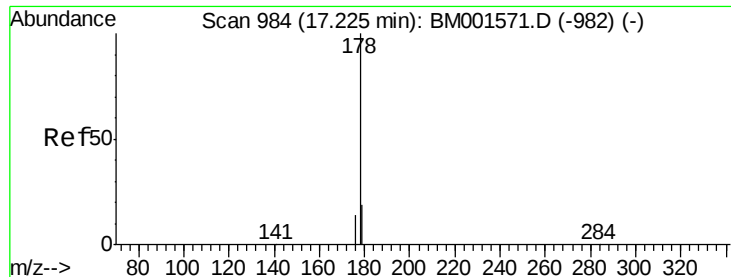


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Anthracene

Concen: 0.28 ng

RT: 17.12 min Scan# 981

Delta R.T. -0.10 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

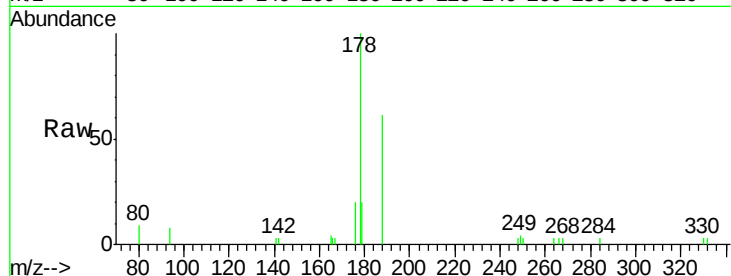
Tgt Ion:178 Resp: 3228

Ion Ratio Lower Upper

178 100

176 21.4 45.9 68.9#

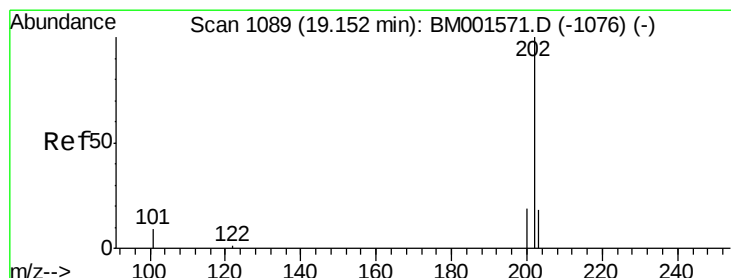
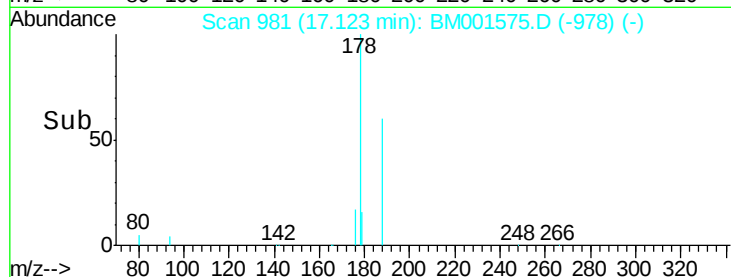
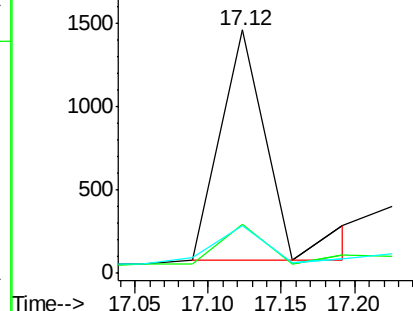
179 11.4 33.3 49.9#



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: 0.12 ng

RT: 19.15 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

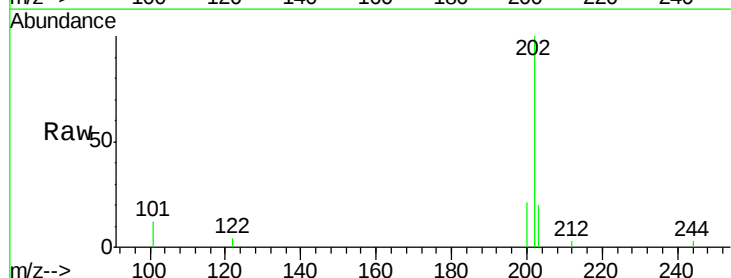
Tgt Ion:202 Resp: 2254

Ion Ratio Lower Upper

202 100

101 12.9 10.0 15.0

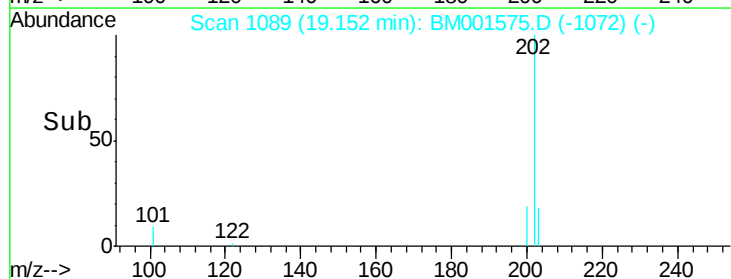
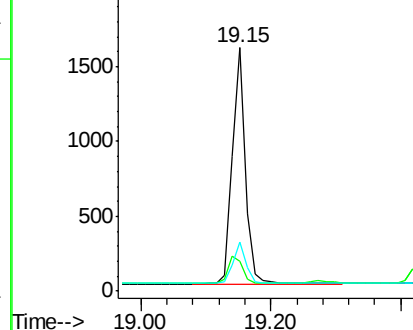
203 17.4 13.9 20.9

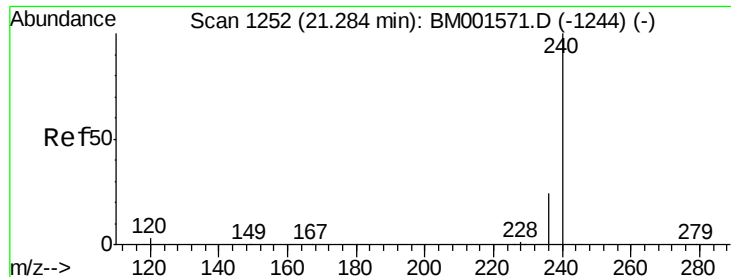


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

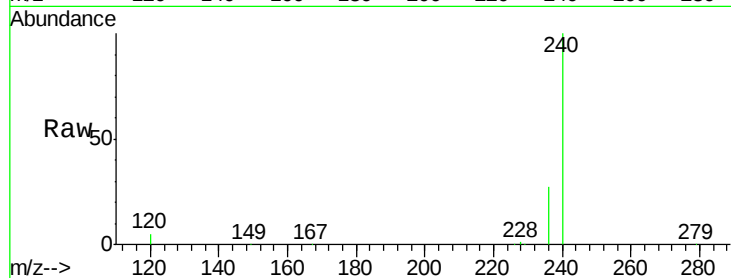
Tgt Ion:240 Resp: 71880

Ion Ratio Lower Upper

240 100

120 4.8 2.2 3.2#

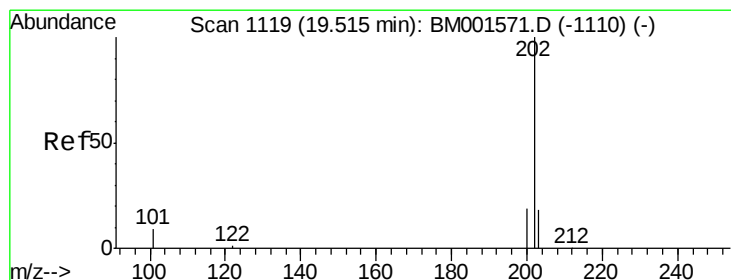
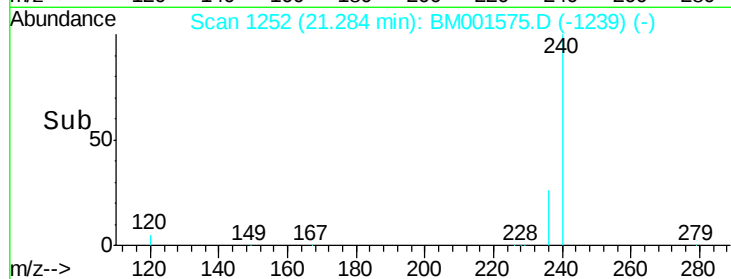
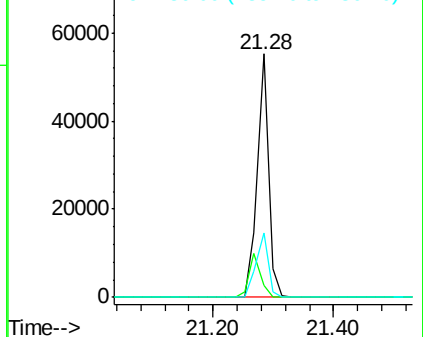
236 26.5 19.5 29.3



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: 0.10 ng

RT: 19.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

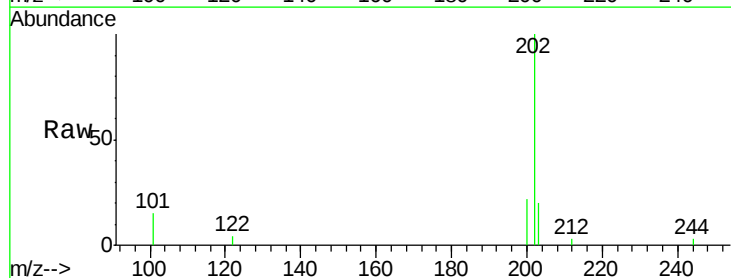
Tgt Ion:202 Resp: 2326

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

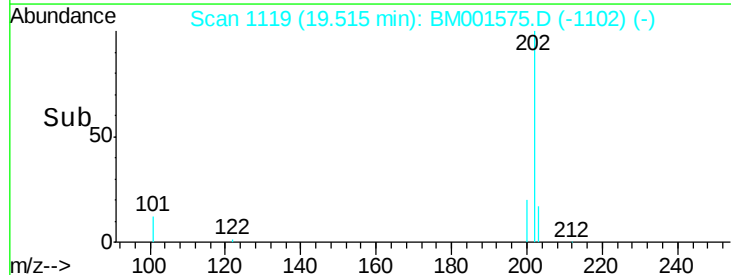
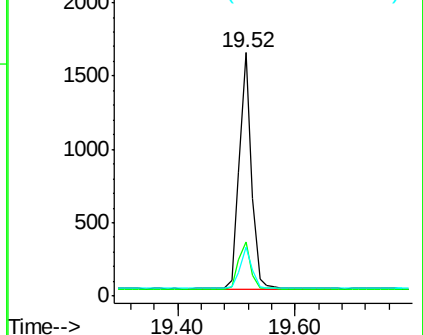
203 17.5 13.9 20.9

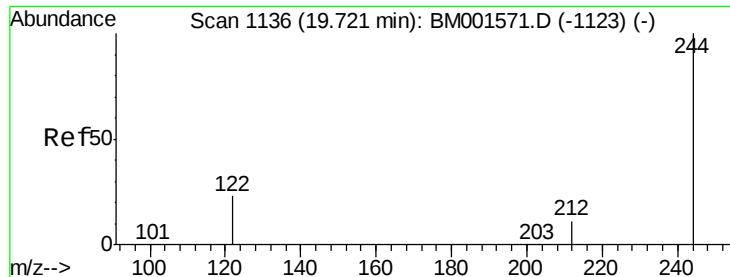


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 0.11 ng

RT: 19.72 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

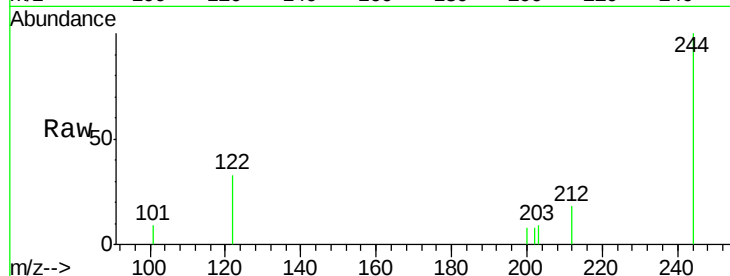
Tgt Ion:244 Resp: 952

Ion Ratio Lower Upper

244 100

212 18.0 9.6 14.4#

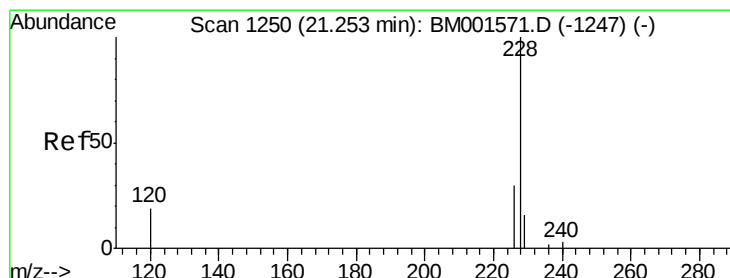
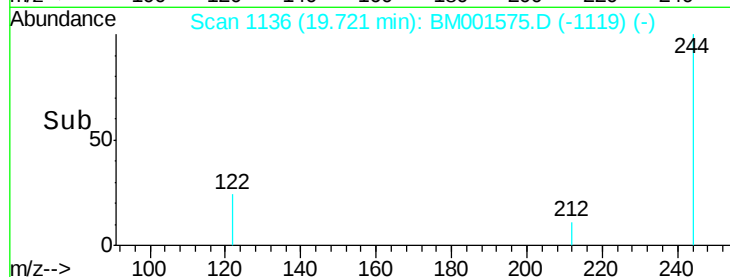
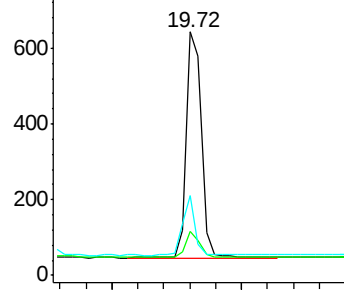
122 32.7 19.0 28.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 0.11 ng

RT: 21.27 min Scan# 1251

Delta R.T. 0.02 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

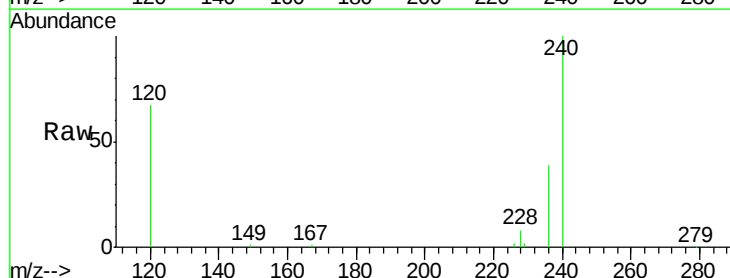
Tgt Ion:228 Resp: 2149

Ion Ratio Lower Upper

228 100

226 24.0 24.8 37.2#

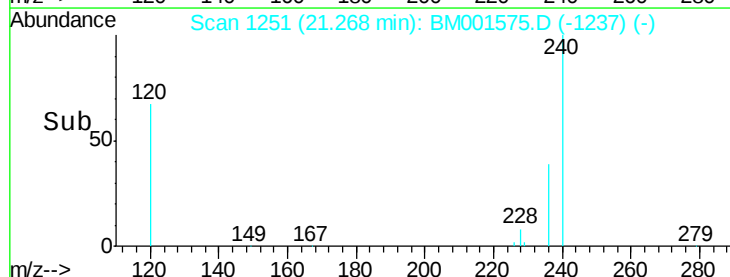
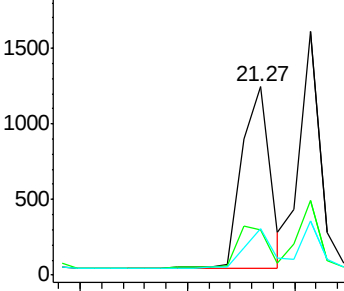
229 24.8 13.4 20.0#

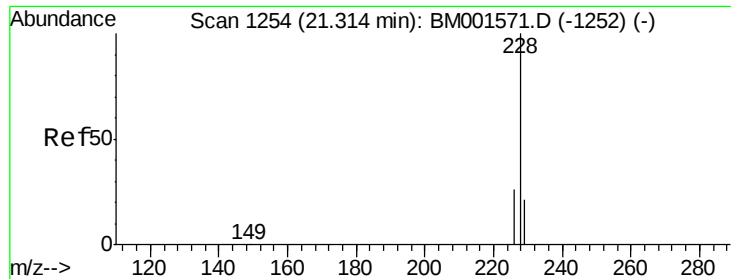


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#29

Chrysene

Concen: 0.11 ng

RT: 21.31 min Scan# 1254

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

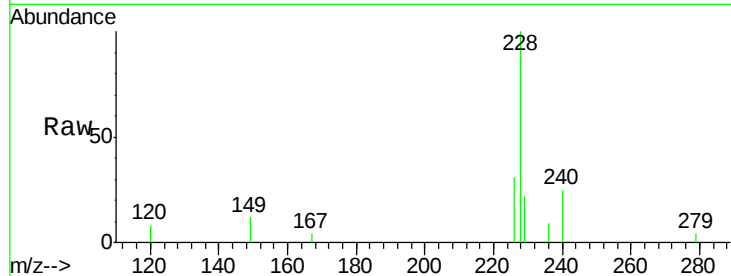
Tgt Ion: 228 Resp: 2064

Ion Ratio Lower Upper

228 100

226 30.8 21.0 31.6

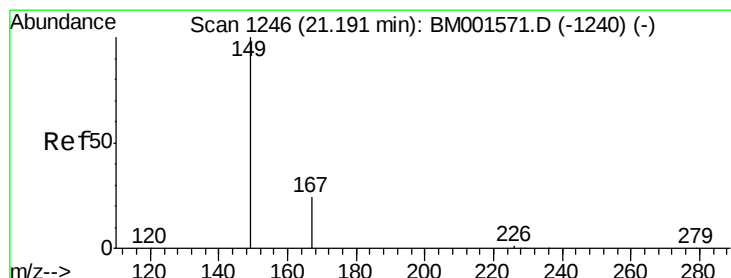
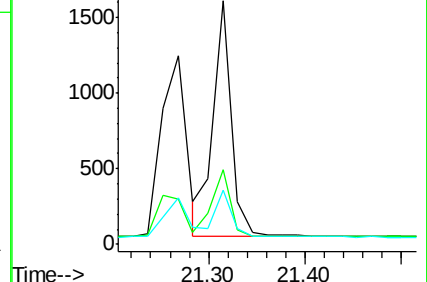
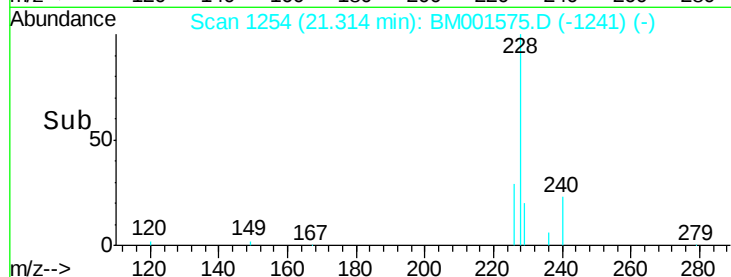
229 22.1 17.2 25.8



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



#30

Bis(2-ethylhexyl)phthalate

Concen: 0.09 ng

RT: 21.19 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

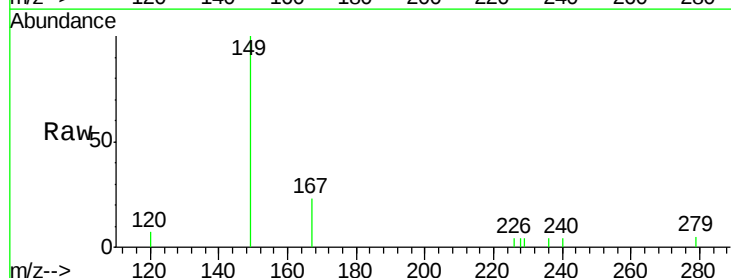
Tgt Ion: 149 Resp: 1321

Ion Ratio Lower Upper

149 100

167 23.8 20.2 30.2

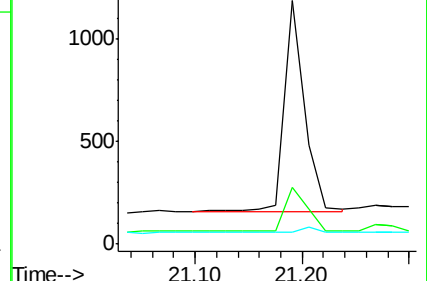
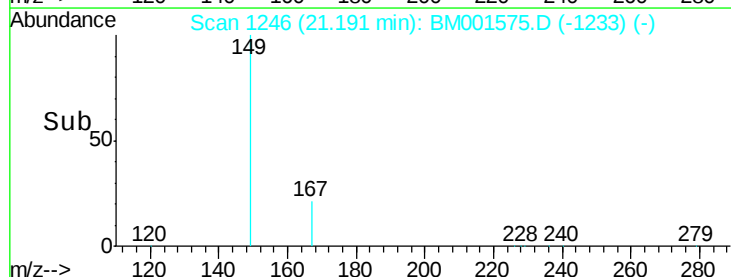
279 4.0 1.8 2.6#

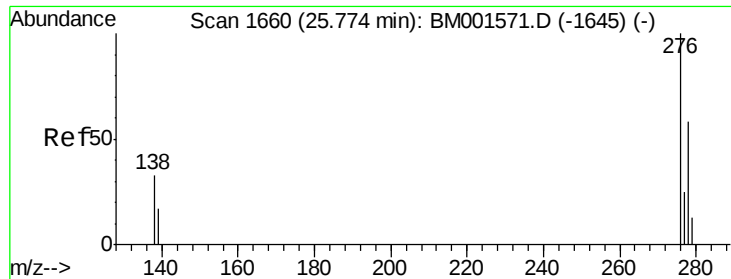


Abundance Ion 149.00 (148.70 to 149.70): E

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: 0.12 ng

RT: 25.77 min Scan# 1660

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

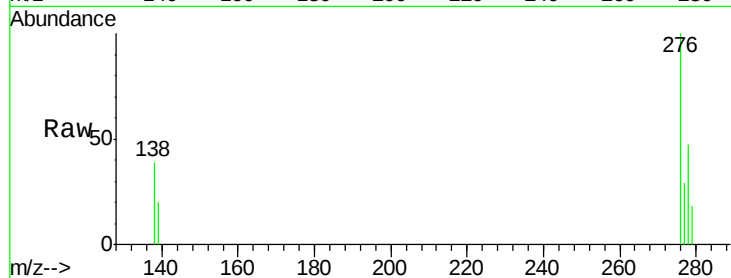
Tgt Ion: 276 Resp: 2371

Ion Ratio Lower Upper

276 100

138 35.2 28.0 42.0

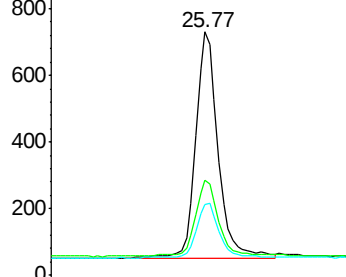
277 23.5 19.7 29.5



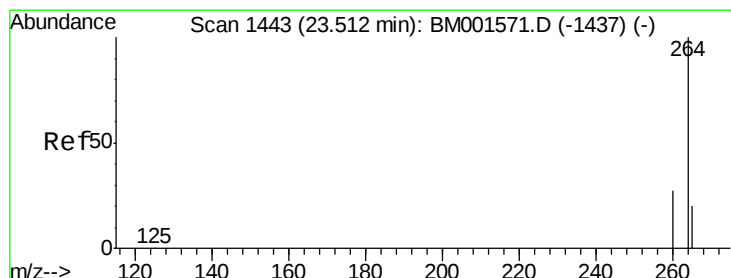
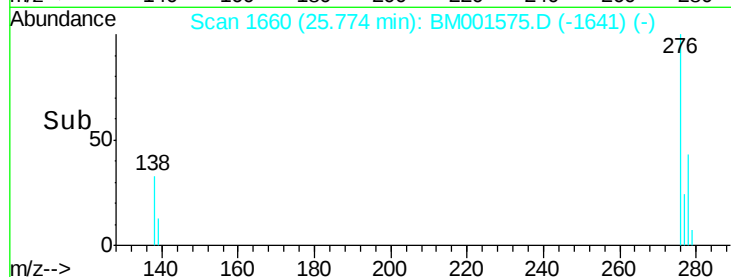
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#32

Perylene-d12

Concen: 5.00 ng

RT: 23.52 min Scan# 1444

Delta R.T. 0.01 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

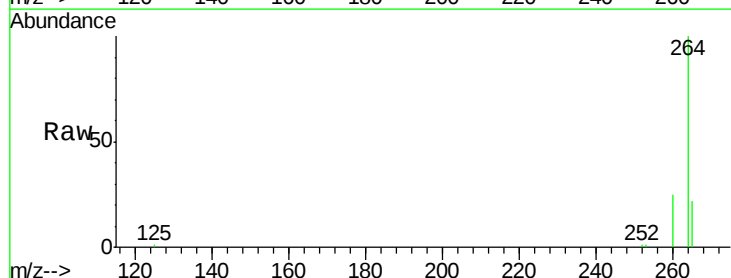
Tgt Ion: 264 Resp: 61022

Ion Ratio Lower Upper

264 100

260 25.2 21.6 32.4

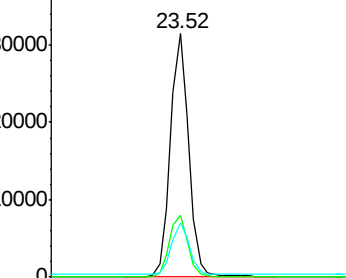
265 22.0 16.5 24.7



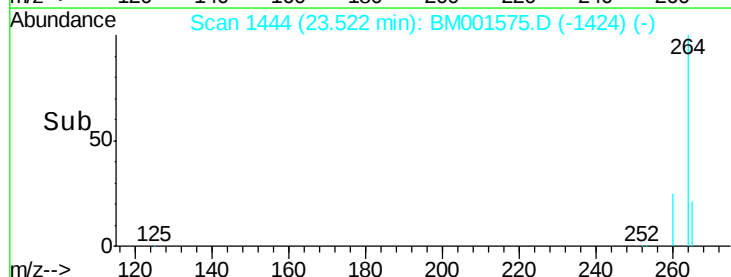
Abundance Ion 264.00 (263.70 to 264.70): E

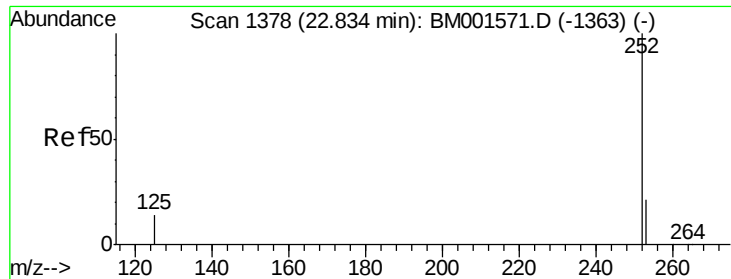
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->





#33

Benzo(b)fluoranthene

Concen: 0.12 ng

RT: 22.84 min Scan# 1379

Delta R.T. 0.01 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.1

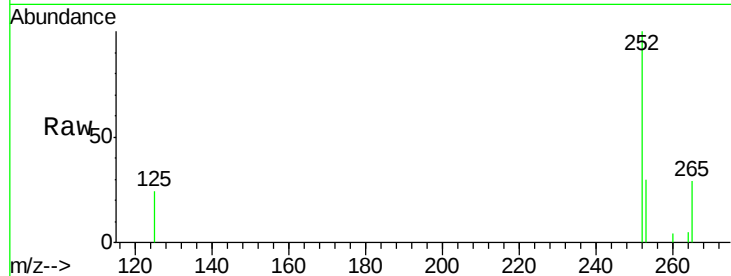
Tgt Ion:252 Resp: 1977

Ion Ratio Lower Upper

252 100

253 30.3 17.4 26.2#

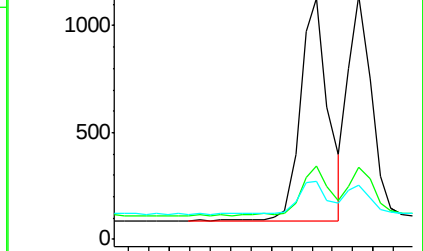
125 23.9 11.8 17.8#



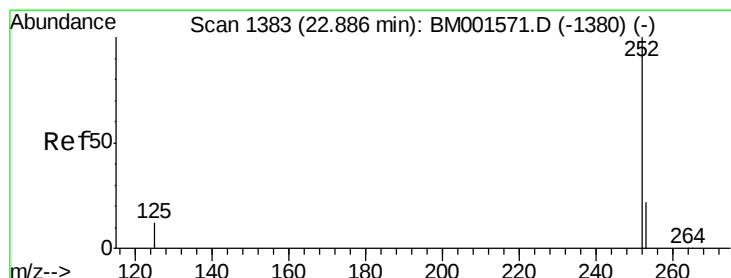
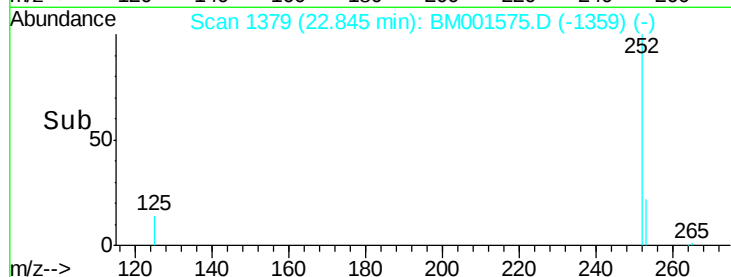
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#34

Benzo(k)fluoranthene

Concen: 0.11 ng

RT: 22.89 min Scan# 1383

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

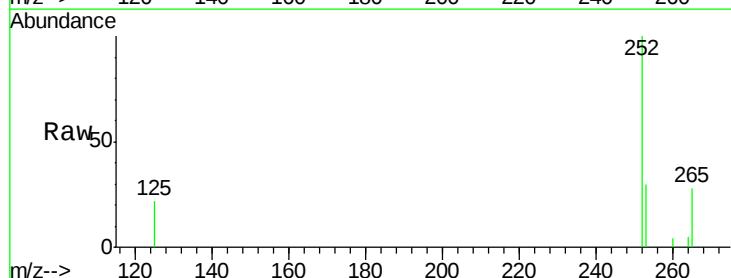
Tgt Ion:252 Resp: 1711

Ion Ratio Lower Upper

252 100

253 29.7 18.8 28.2#

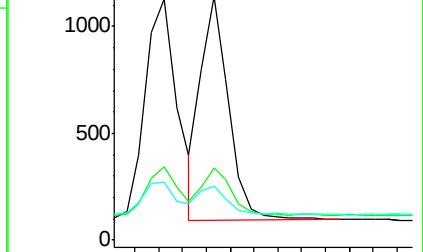
125 22.0 10.7 16.1#



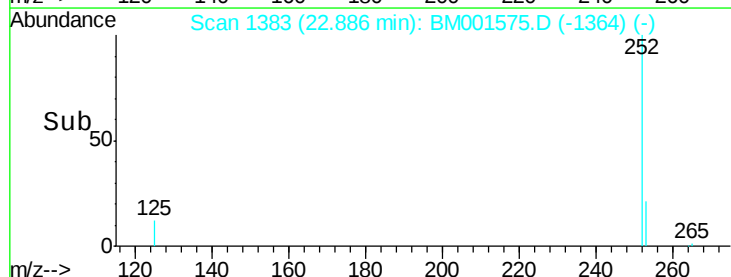
Abundance Ion 252.00 (251.70 to 252.70): E

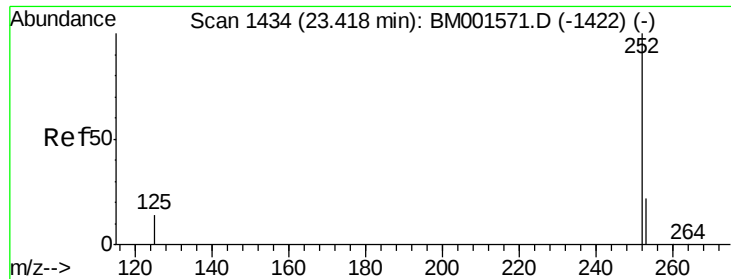
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->





#35

Benzo(a)pyrene

Concen: 0.11 ng

RT: 23.42 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1

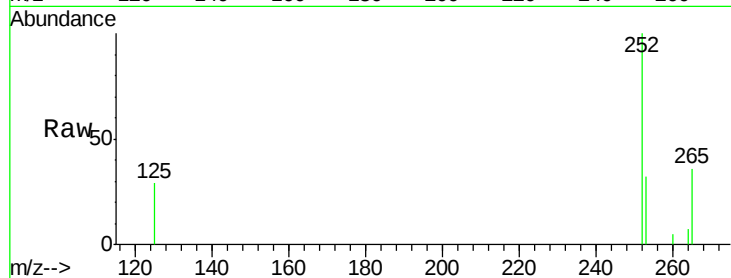
Tgt Ion: 252 Resp: 1718

Ion Ratio Lower Upper

252 100

253 32.4 18.8 28.2#

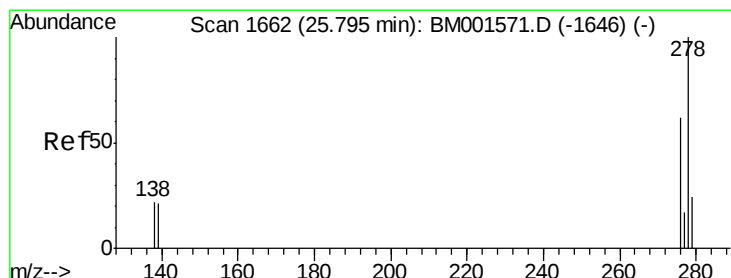
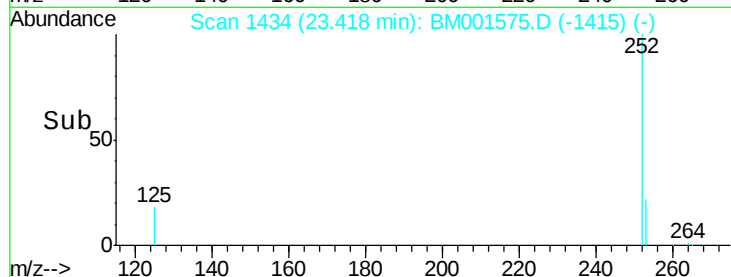
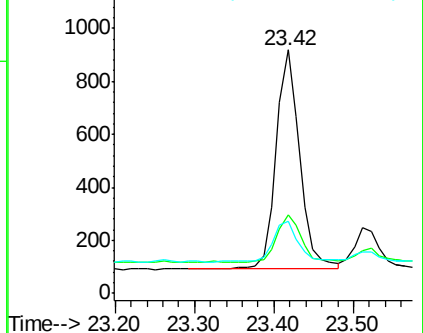
125 29.5 12.1 18.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Dibenzo(a,h)anthracene

Concen: 0.13 ng

RT: 25.79 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BM001575.D

Acq: 05 Jun 2015 20:49

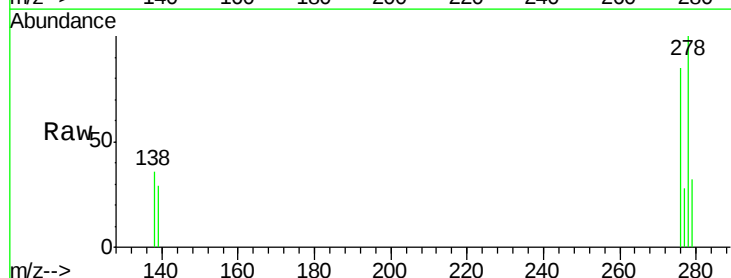
Tgt Ion: 278 Resp: 1873

Ion Ratio Lower Upper

278 100

139 29.4 17.4 26.0#

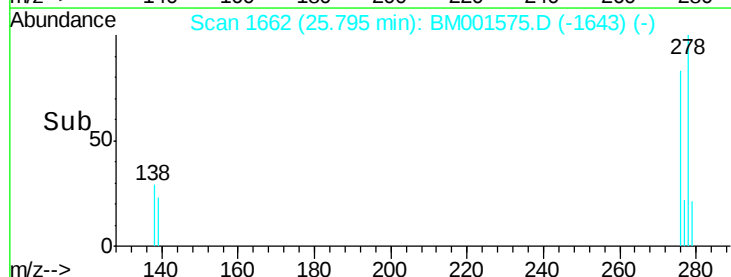
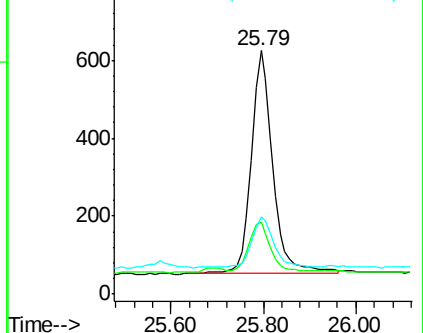
279 31.7 20.0 30.0#

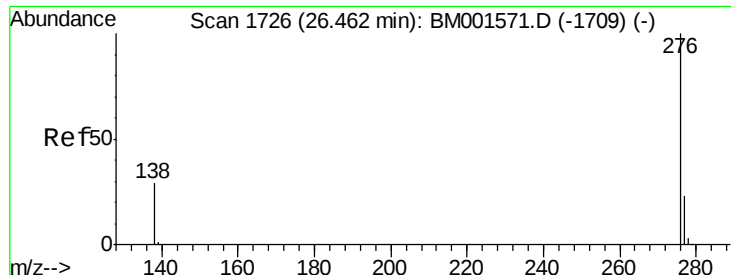


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#37

Benzo(g,h,i)perylene

Concen: 0.13 ng

RT: 26.46 min Scan# 1726

Delta R.T. 0.00 min

Lab File: BM001575.D

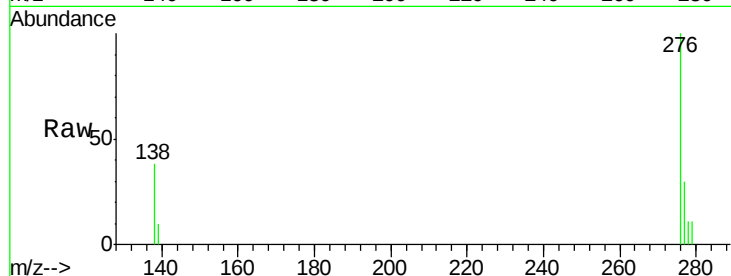
Acq: 05 Jun 2015 20:49

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.1



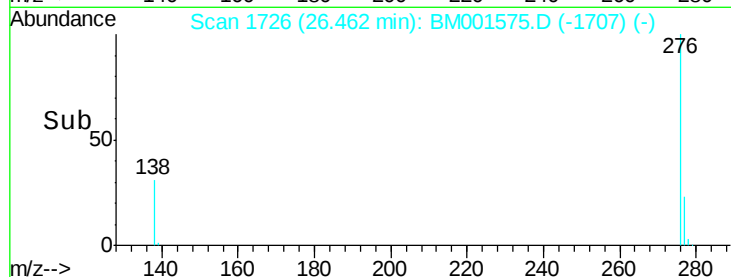
Tgt Ion: 276 Resp: 1994

Ion Ratio Lower Upper

276 100

277 29.6 19.2 28.8#

138 37.8 23.7 35.5#



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

800

600

400

200

0

26.20 26.40 26.60

26.46

Time-->