

Data Path : Z:\HPCHEM1\BNA_M\Data\BM050415\
 Data File : BM001189.D
 Acq On : 04 May 2015 17:33
 Operator : TP/IZ
 Sample : SSTDCCC001
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

Quant Time: May 05 04:00:32 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 16:48:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	19374	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	77985	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	45917	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	117400	5.00	ng	0.00
24) Chrysene-d12	21.15	240	105127	5.00	ng	0.00
30) Perylene-d12	23.29	264	91616	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.11	112	3973	1.05	ng	-0.01
5) Phenol-d6	6.71	99	5024	1.08	ng	0.00
7) Nitrobenzene-d5	8.69	82	4526	1.02	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	2759	1.36	ng	0.00
14) 2-Fluorobiphenyl	12.80	172	15050	0.99	ng	-0.01
26) Terphenyl-d14	19.59	244	14826	1.02	ng	0.00

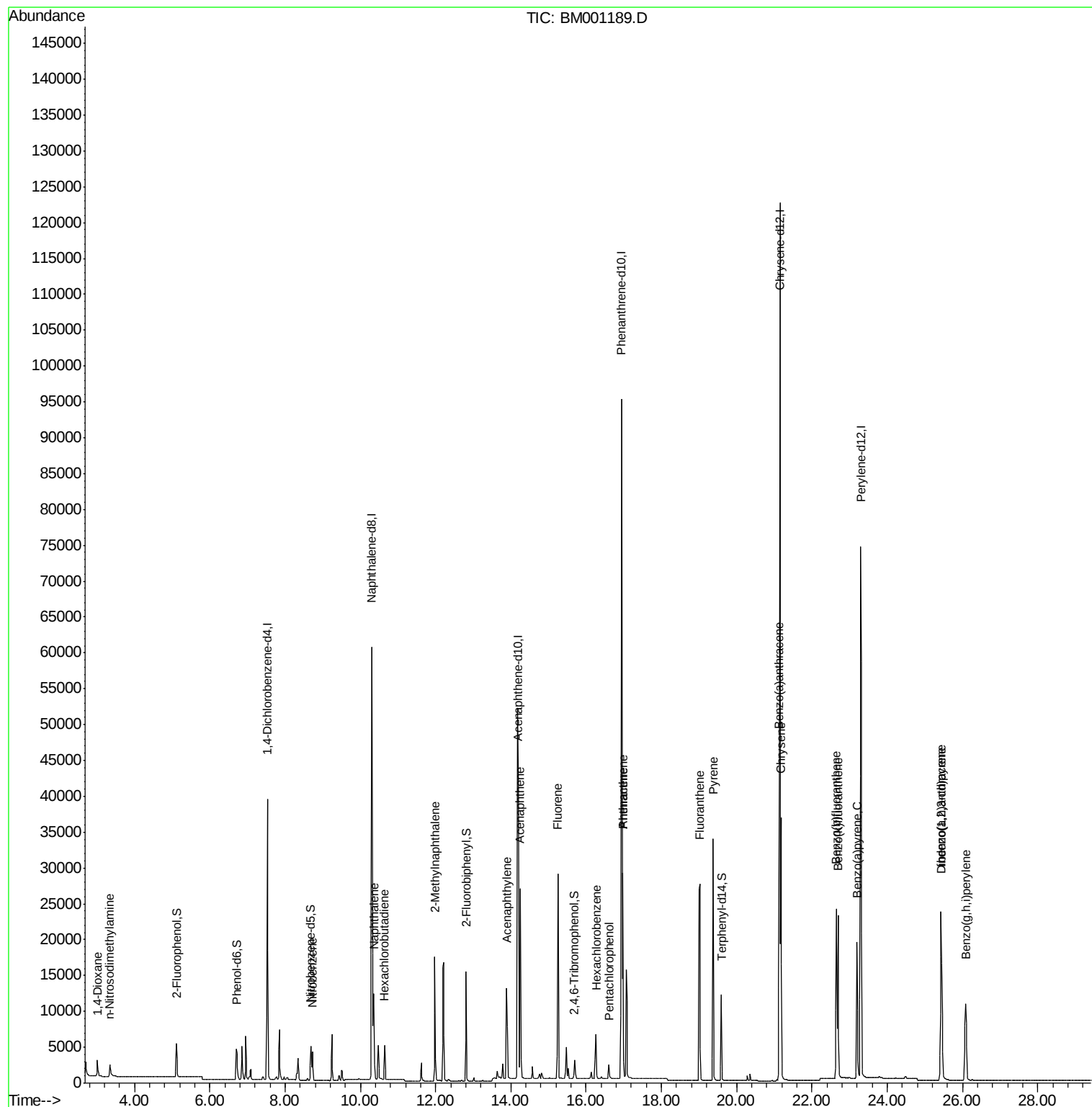
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	2067	0.91	ng	96
3) n-Nitrosodimethylamine	3.34	42	2185	0.92	ng	# 88
8) Nitrobenzene	8.72	77	5039	1.00	ng	98
9) Naphthalene	10.36	128	17296	1.01	ng	99
10) Hexachlorobutadiene	10.65	225	3294	1.00	ng	99
11) 2-Methylnaphthalene	11.98	142	12206	1.04	ng	89
15) Acenaphthylene	13.89	152	21032	1.05	ng	# 99
16) Acenaphthene	14.24	154	14266	1.03	ng	98
17) Fluorene	15.24	166	18152	1.13	ng	98
19) Hexachlorobenzene	16.26	284	6131	0.97	ng	# 94
20) Pentachlorophenol	16.61	266	1662	0.95	ng	97
21) Phenanthrene	16.98	178	30166	1.00	ng	98
22) Anthracene	16.98	178	30166	1.21	ng	99
23) Fluoranthene	19.01	202	31330	1.02	ng	99
25) Pyrene	19.38	202	33229	1.01	ng	100
27) Benzo(a)anthracene	21.13	228	31085	1.05	ng	98
28) Chrysene	21.18	228	29439	1.01	ng	97
29) Indeno(1,2,3-cd)pyrene	25.43	276	26590	1.00	ng	100
31) Benzo(b)fluoranthene	22.65	252	28307	1.00	ng	95
32) Benzo(k)fluoranthene	22.69	252	28073	1.06	ng	95
33) Benzo(a)pyrene	23.20	252	25087	1.05	ng	99
34) Dibenzo(a,h)anthracene	25.44	278	20576	0.99	ng	97
35) Benzo(g,h,i)perylene	26.09	276	21293	0.97	ng	98

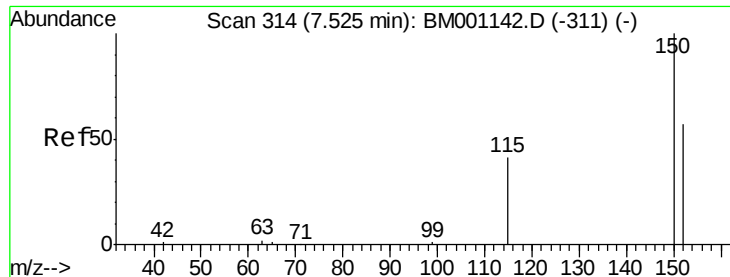
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.53 min Scan# 314

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

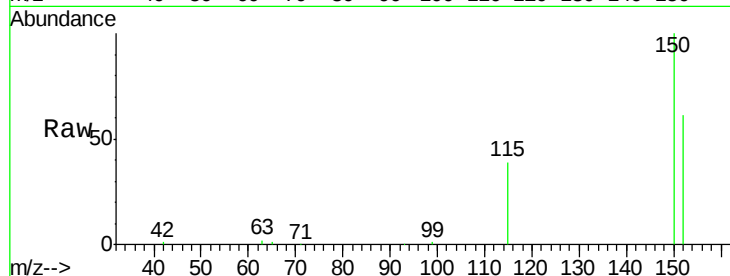
Tgt Ion: 152 Resp: 19374

Ion Ratio Lower Upper

152 100

150 164.0 140.1 210.1

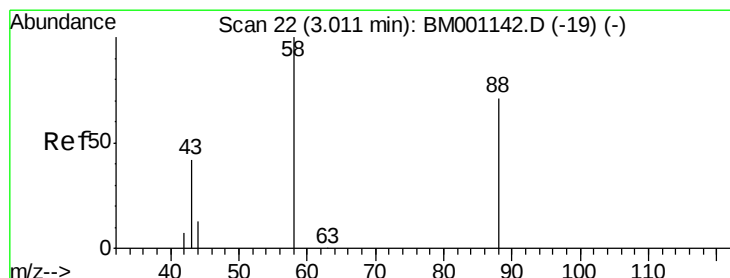
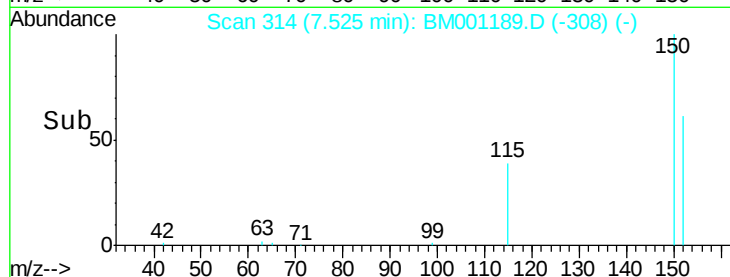
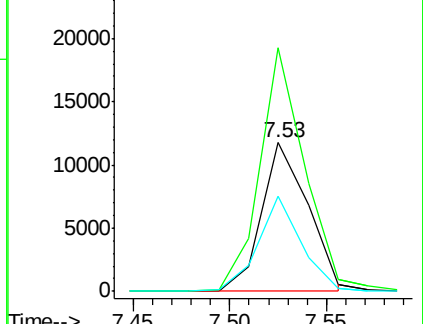
115 63.7 57.8 86.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.91 ng

RT: 3.01 min Scan# 22

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

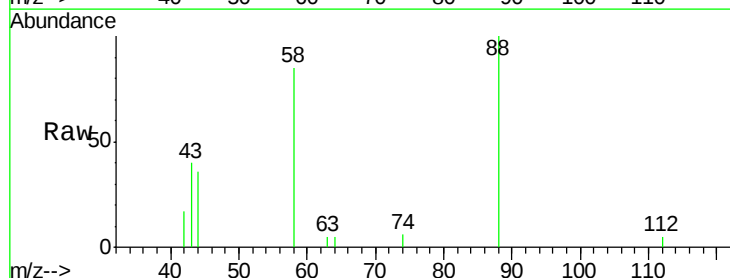
Tgt Ion: 88 Resp: 2067

Ion Ratio Lower Upper

88 100

58 64.3 48.2 72.2

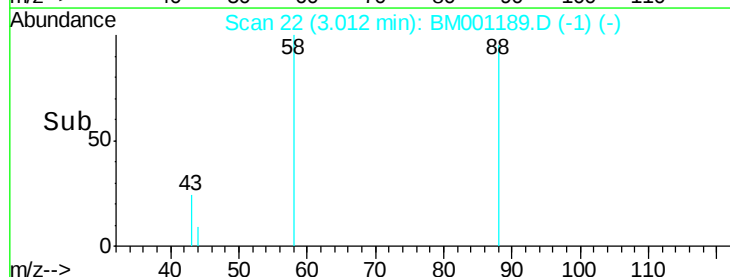
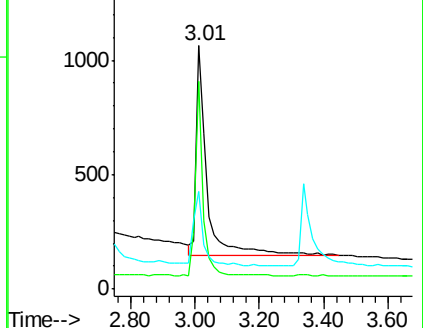
43 31.1 24.8 37.2

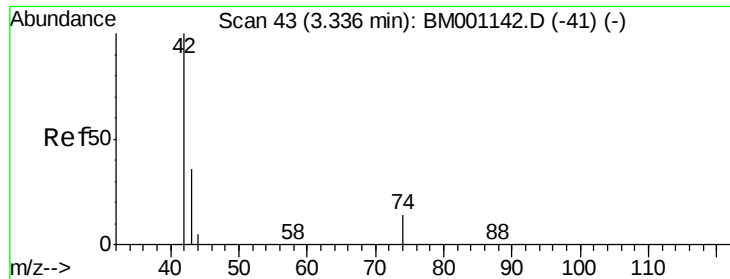


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.92 ng

RT: 3.34 min Scan# 43

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

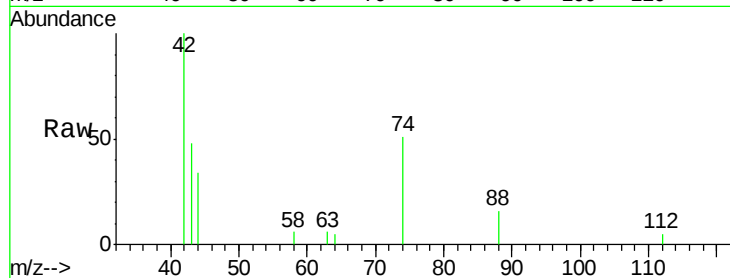
Tgt Ion: 42 Resp: 2185

Ion Ratio Lower Upper

42 100

74 101.2 72.0 108.0

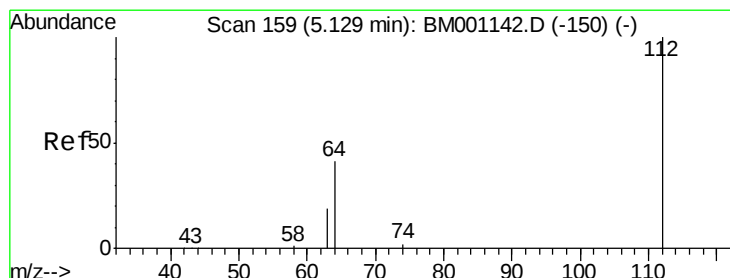
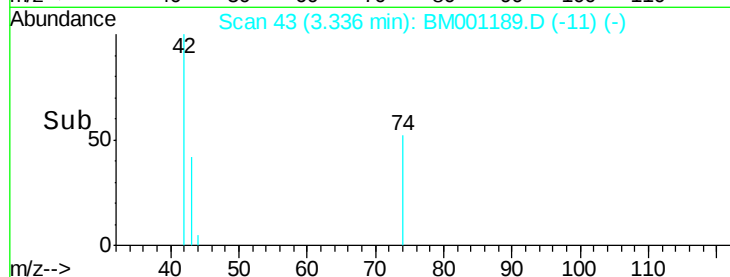
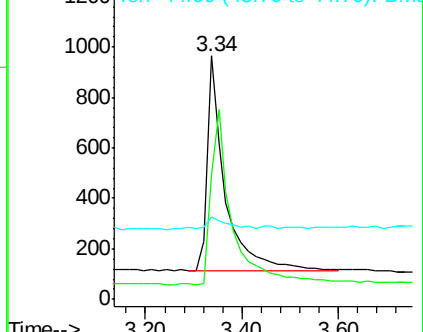
44 9.6 3.7 5.5#



Abundance Ion 42.00 (41.70 to 42.70): BM001142.D (-41) (-)

Ion 74.00 (73.70 to 74.70): BM001142.D (-41) (-)

Ion 44.00 (43.70 to 44.70): BM001142.D (-41) (-)



#4

2-Fluorophenol

Concen: 1.05 ng

RT: 5.11 min Scan# 158

Delta R.T. -0.01 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

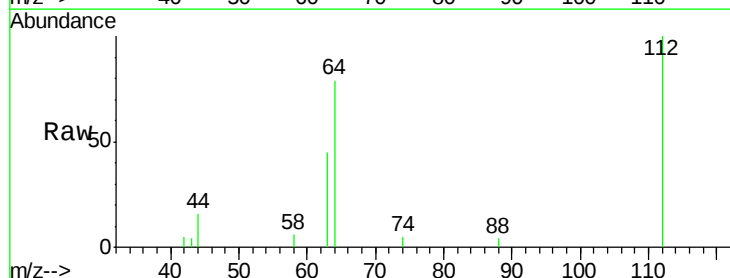
Tgt Ion: 112 Resp: 3973

Ion Ratio Lower Upper

112 100

64 64.6 52.6 79.0

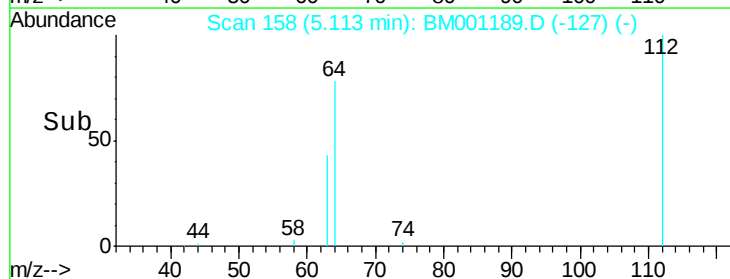
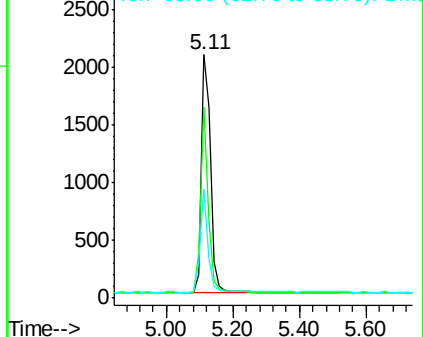
63 35.9 29.5 44.3

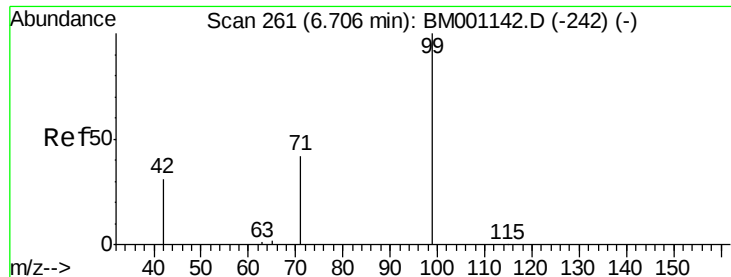


Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

Ion 64.00 (63.70 to 64.70): BM001142.D (-150) (-)

Ion 63.00 (62.70 to 63.70): BM001142.D (-150) (-)





#5

Phenol-d6

Concen: 1.08 ng

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

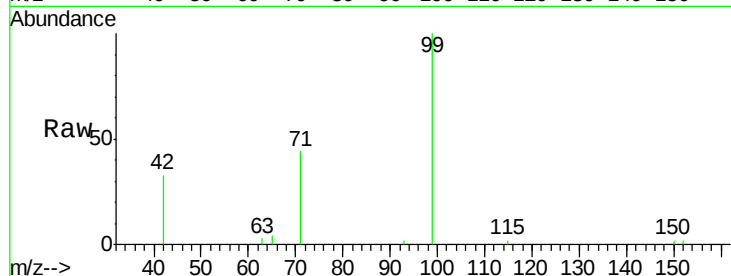
Tgt Ion: 99 Resp: 5024

Ion Ratio Lower Upper

99 100

42 25.7 20.9 31.3

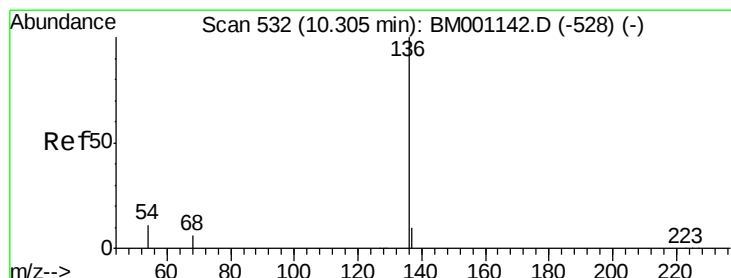
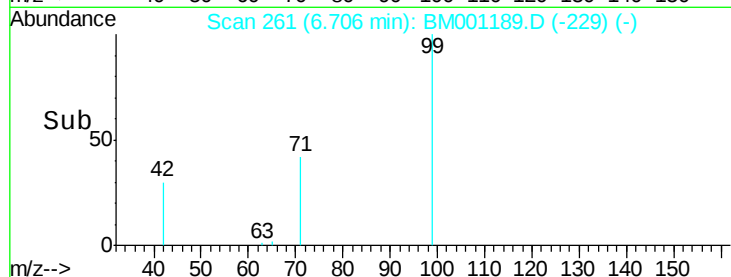
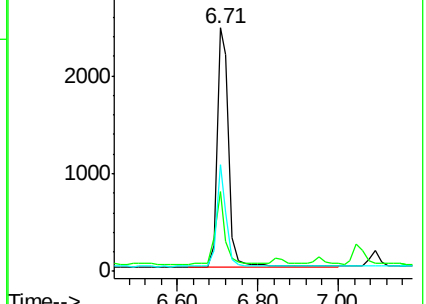
71 35.4 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001189.D (-229) (-)

Ion 42.00 (41.70 to 42.70): BM001189.D (-229) (-)

Ion 71.00 (70.70 to 71.70): BM001189.D (-229) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

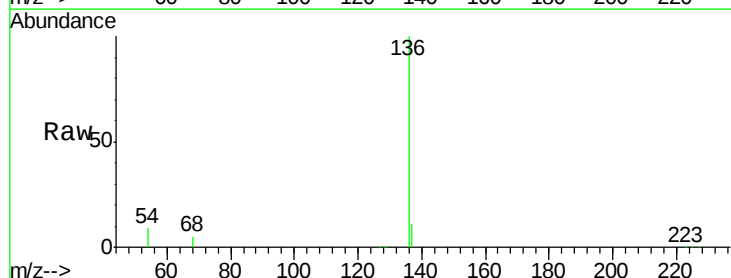
Tgt Ion: 136 Resp: 77985

Ion Ratio Lower Upper

136 100

137 10.6 8.2 12.4

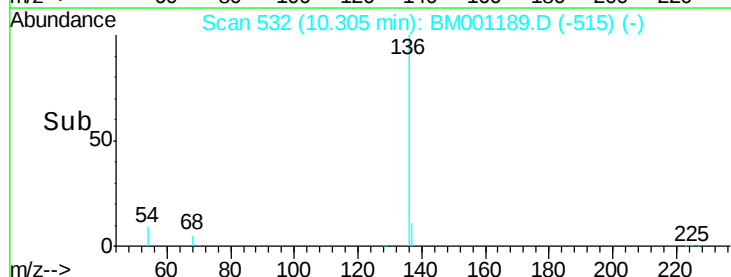
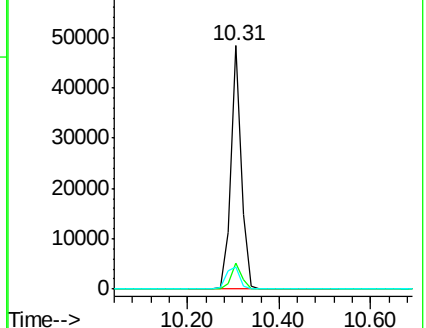
54 8.9 9.0 13.4#

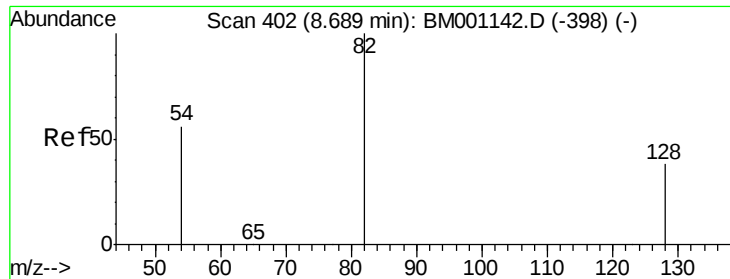


Abundance Ion 136.00 (135.70 to 136.70): BM001189.D (-515) (-)

Ion 137.00 (136.70 to 137.70): BM001189.D (-515) (-)

Ion 54.00 (53.70 to 54.70): BM001189.D (-515) (-)





#7

Nitrobenzene-d5

Concen: 1.02 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

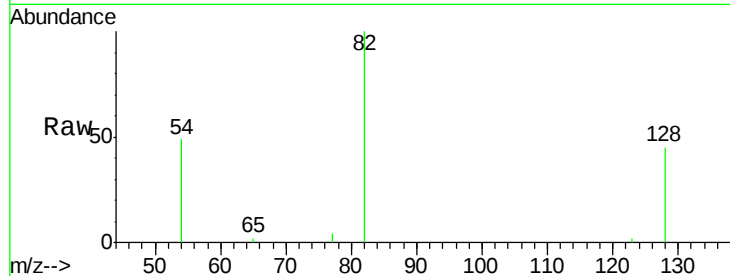
Tgt Ion: 82 Resp: 4526

Ion Ratio Lower Upper

82 100

128 45.3 31.9 47.9

54 49.3 46.2 69.2

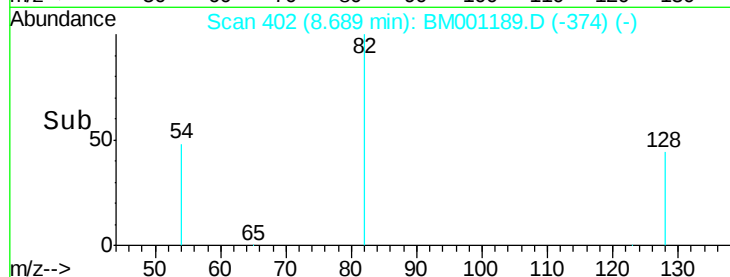


Abundance Ion 82.00 (81.70 to 82.70): BM001189.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001189.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001189.D (-398) (-)

Time-->



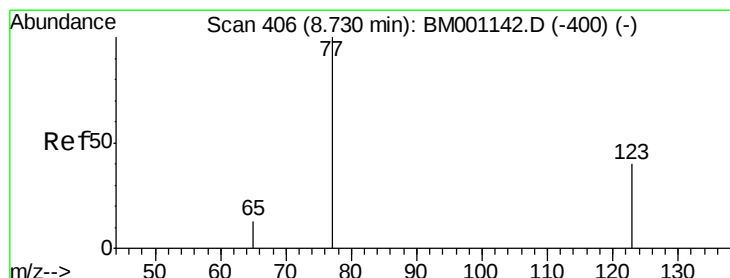
Abundance

Ion 82.00 (81.70 to 82.70): BM001189.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001189.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001189.D (-398) (-)

Time-->



#8

Nitrobenzene

Concen: 1.00 ng

RT: 8.72 min Scan# 405

Delta R.T. -0.01 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

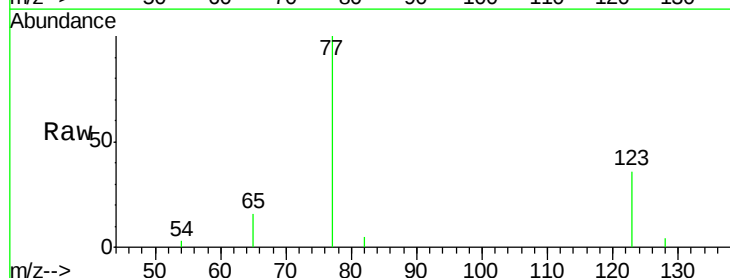
Tgt Ion: 77 Resp: 5039

Ion Ratio Lower Upper

77 100

123 40.2 31.0 46.6

65 13.4 10.6 15.8

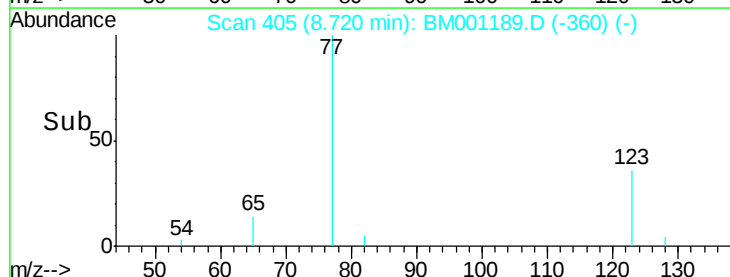


Abundance Ion 77.00 (76.70 to 77.70): BM001189.D (-360) (-)

Ion 123.00 (122.70 to 123.70): BM001189.D (-360) (-)

Ion 65.00 (64.70 to 65.70): BM001189.D (-360) (-)

Time-->



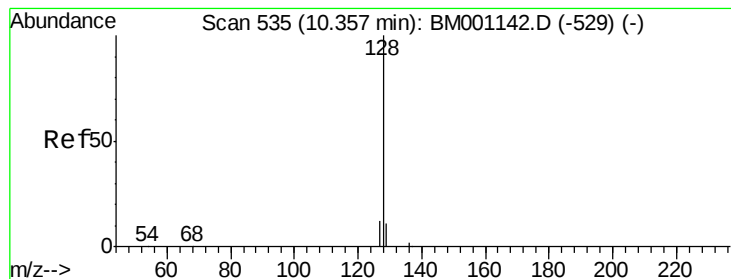
Abundance

Ion 77.00 (76.70 to 77.70): BM001189.D (-360) (-)

Ion 123.00 (122.70 to 123.70): BM001189.D (-360) (-)

Ion 65.00 (64.70 to 65.70): BM001189.D (-360) (-)

Time-->



#9

Naphthalene

Concen: 1.01 ng

RT: 10.36 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

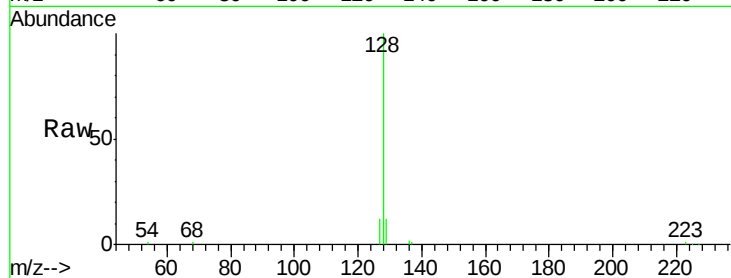
Tgt Ion:128 Resp: 17296

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

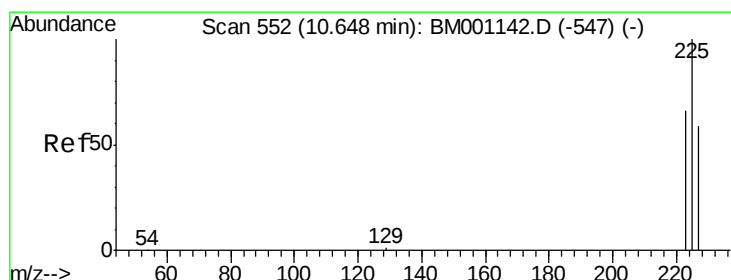
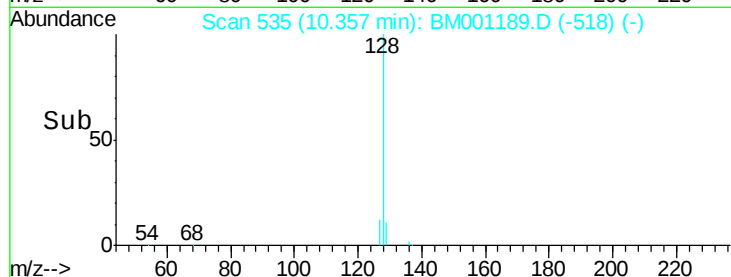
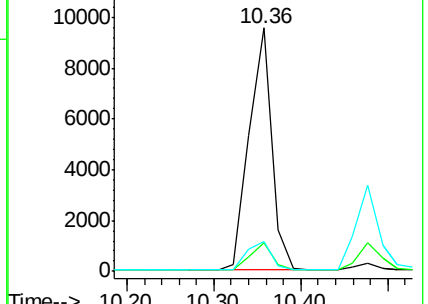
127 12.2 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 1.00 ng

RT: 10.65 min Scan# 552

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

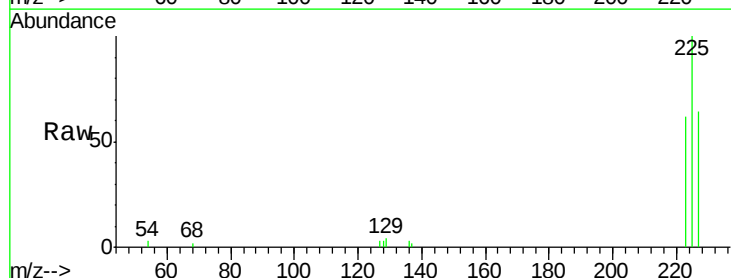
Tgt Ion:225 Resp: 3294

Ion Ratio Lower Upper

225 100

223 62.9 50.8 76.2

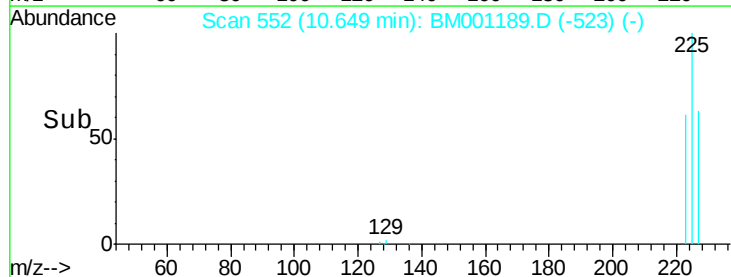
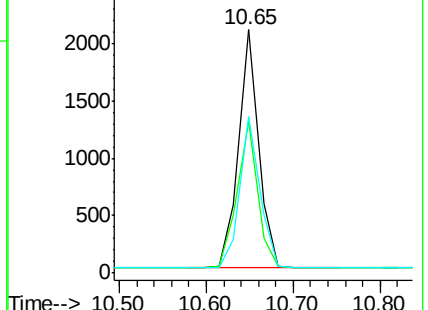
227 64.0 51.0 76.4

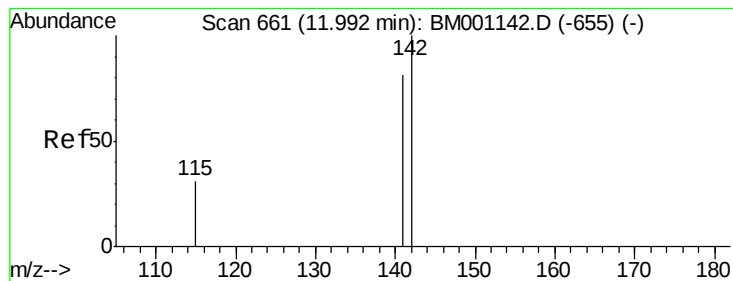


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 1.04 ng

RT: 11.98 min Scan# 660

Delta R.T. -0.01 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

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SSTDCCC001

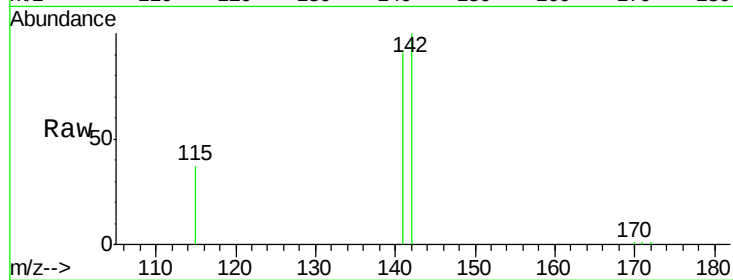
Tgt Ion:142 Resp: 12206

Ion Ratio Lower Upper

142 100

141 90.8 65.1 97.7

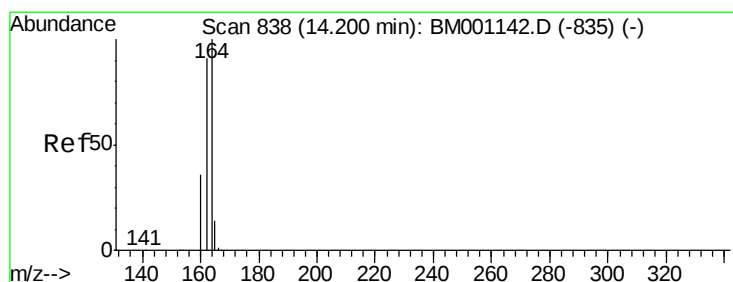
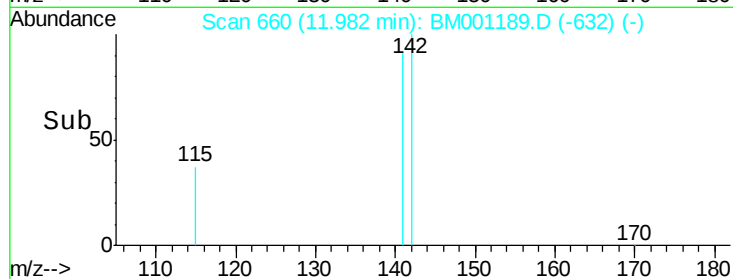
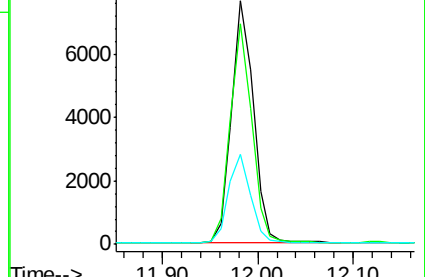
115 37.2 25.1 37.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 838

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

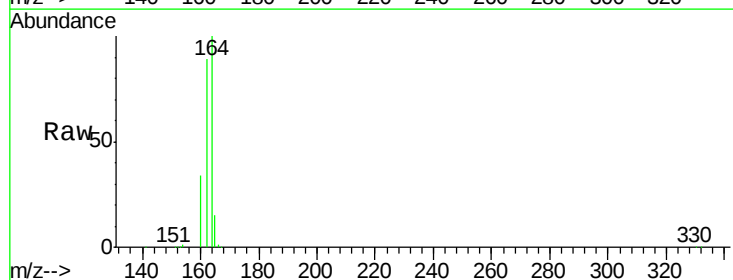
Tgt Ion:164 Resp: 45917

Ion Ratio Lower Upper

164 100

162 88.6 72.7 109.1

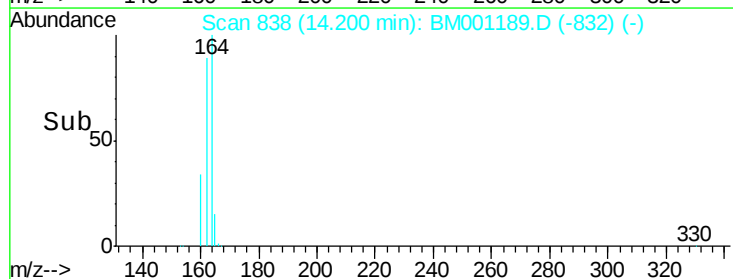
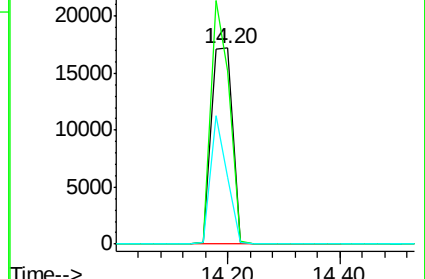
160 34.3 28.7 43.1

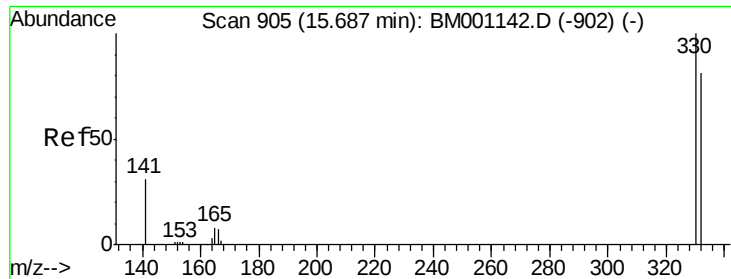


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

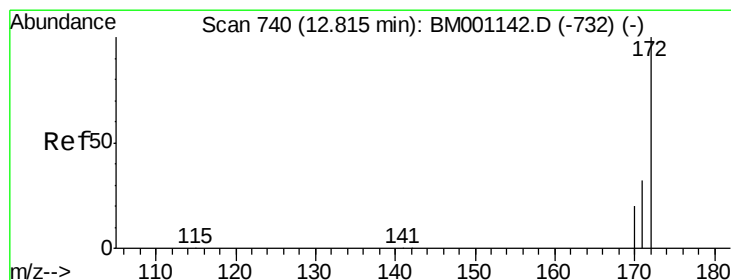
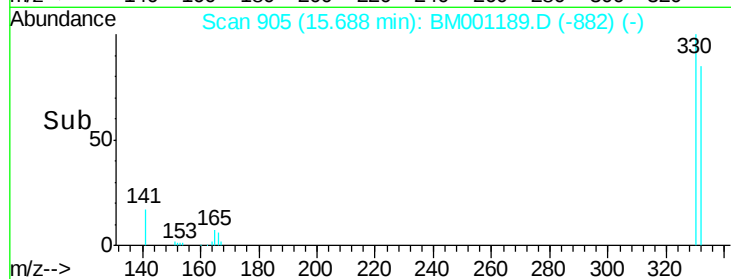
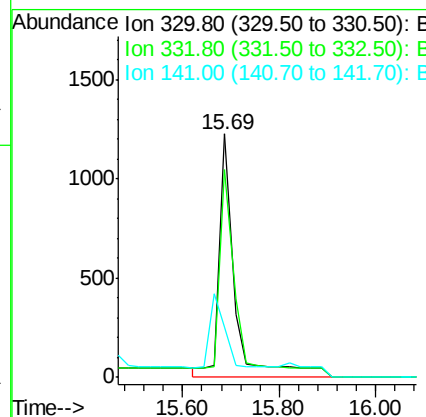
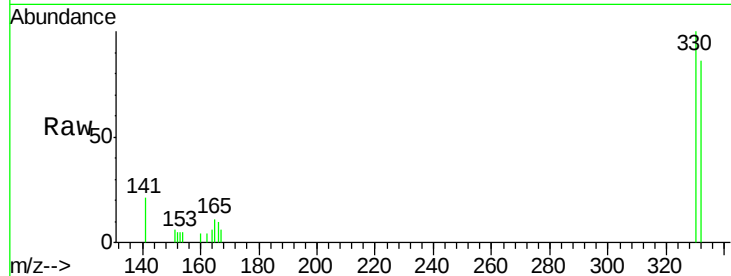




#13
 2,4,6-Tribromophenol
 Concen: 1.36 ng
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001189.D
 Acq: 04 May 2015 17:33

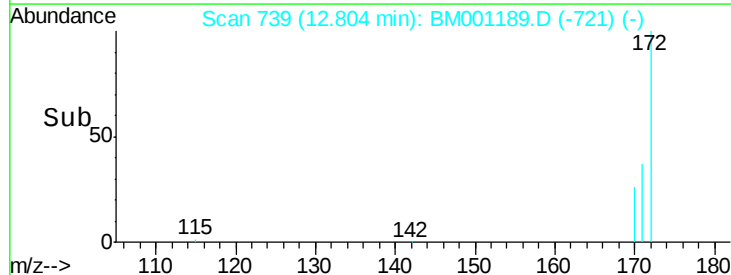
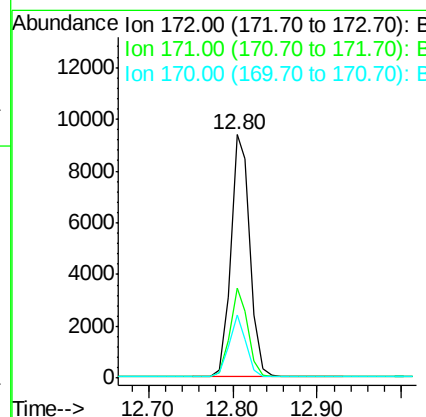
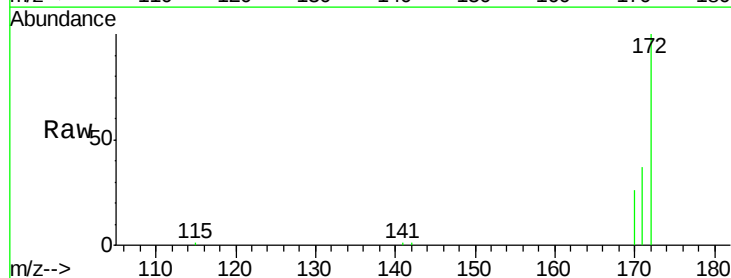
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

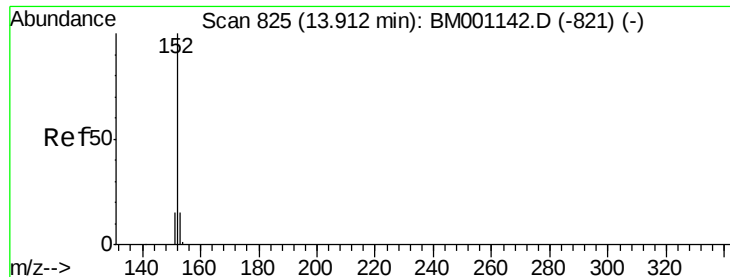
Tgt Ion:330 Resp: 2759
 Ion Ratio Lower Upper
 330 100
 332 92.5 74.5 111.7
 141 0.0 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 0.99 ng
 RT: 12.80 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BM001189.D
 Acq: 04 May 2015 17:33

Tgt Ion:172 Resp: 15050
 Ion Ratio Lower Upper
 172 100
 171 37.2 25.8 38.6
 170 26.0 16.1 24.1#





#15

Acenaphthylene

Concen: 1.05 ng

RT: 13.89 min Scan# 824

Delta R.T. -0.02 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

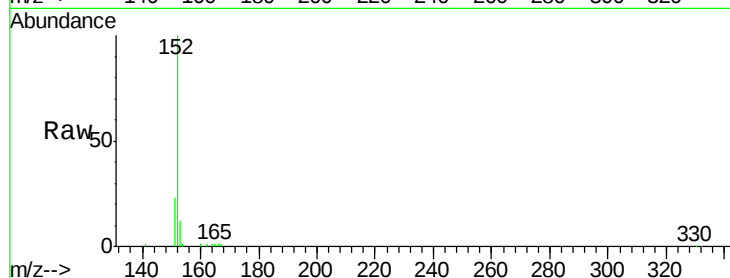
Tgt Ion:152 Resp: 21032

Ion Ratio Lower Upper

152 100

151 18.9 0.0 0.0#

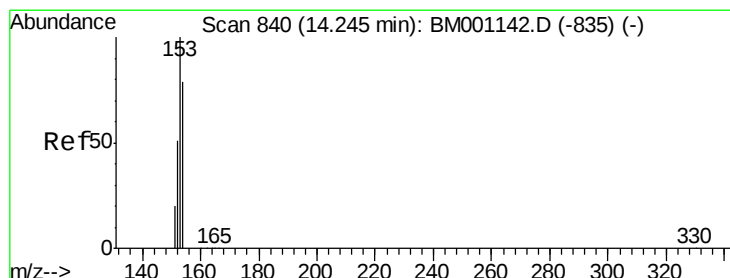
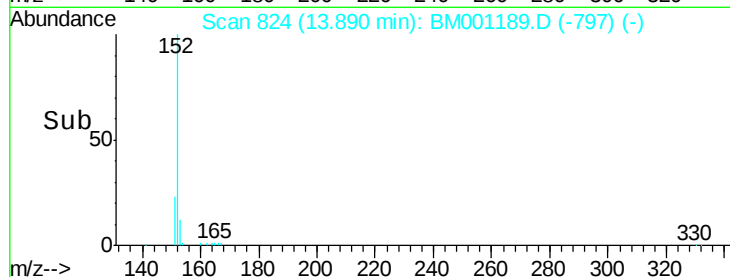
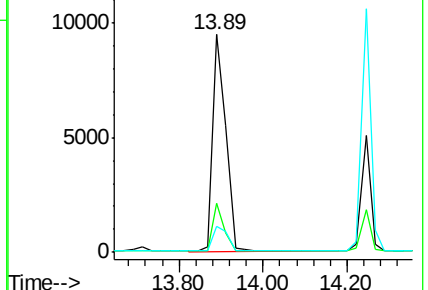
153 12.7 10.3 15.5



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: 1.03 ng

RT: 14.24 min Scan# 840

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

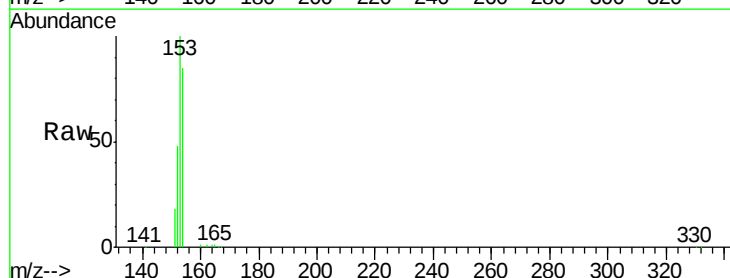
Tgt Ion:154 Resp: 14266

Ion Ratio Lower Upper

154 100

153 111.5 90.6 136.0

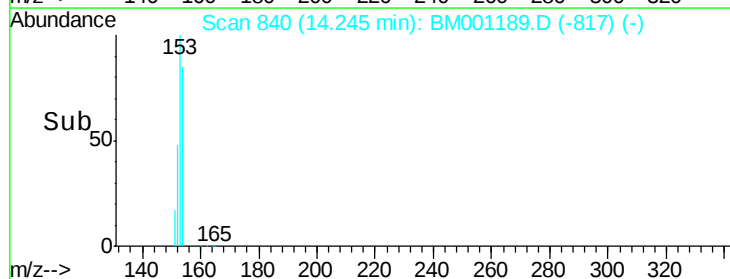
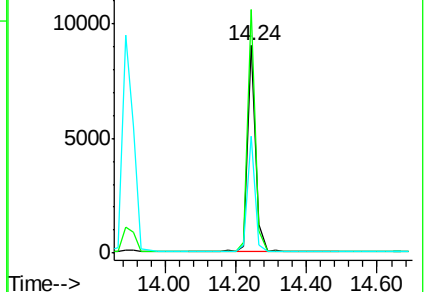
152 53.8 45.0 67.4

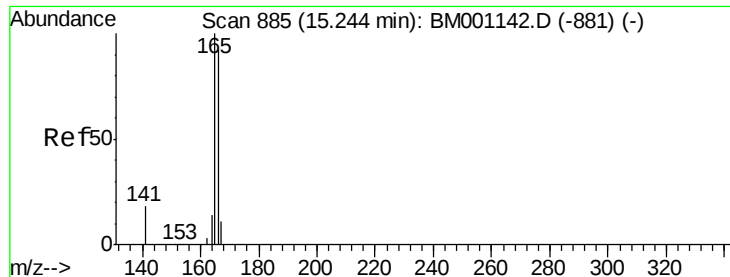


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#17

Fluorene

Concen: 1.13 ng

RT: 15.24 min Scan# 885

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

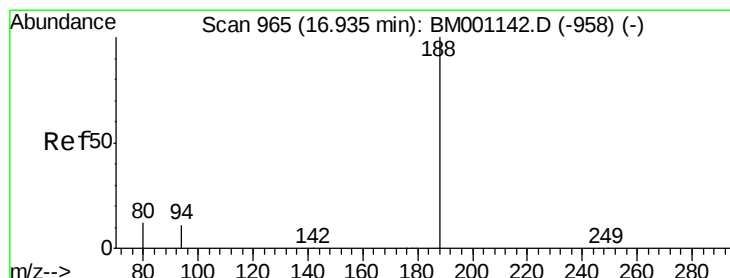
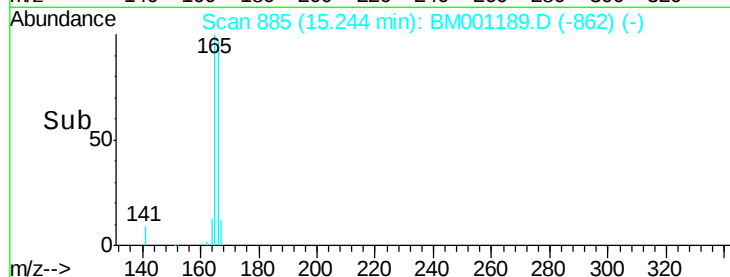
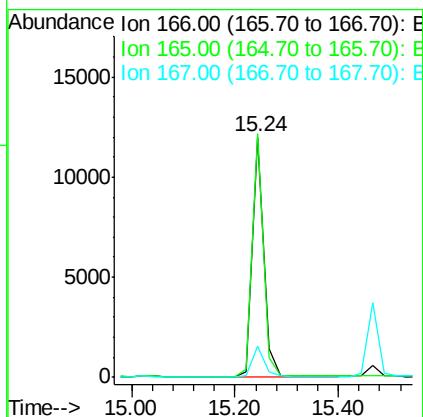
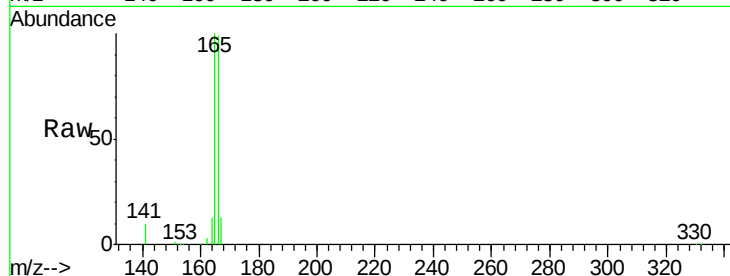
Tgt Ion:166 Resp: 18152

Ion Ratio Lower Upper

166 100

165 99.1 81.0 121.6

167 13.0 10.4 15.6



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

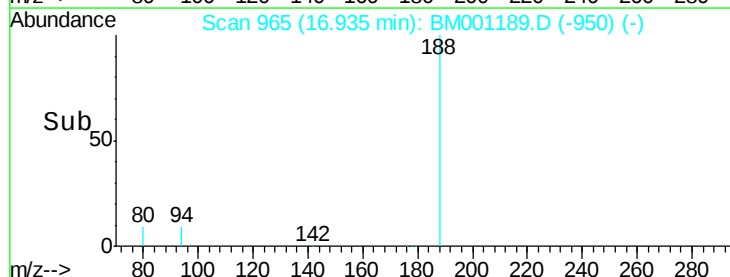
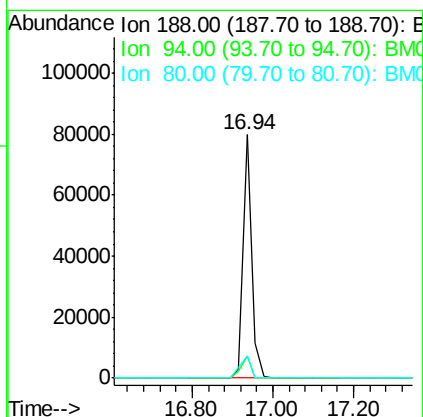
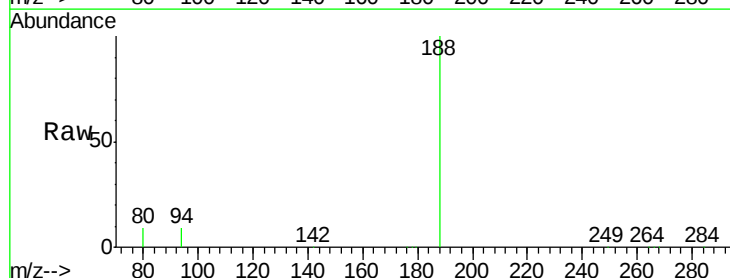
Tgt Ion:188 Resp: 117400

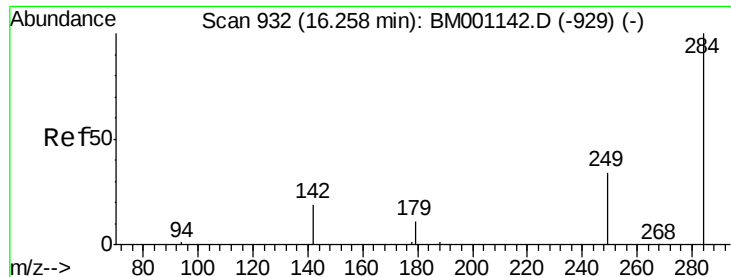
Ion Ratio Lower Upper

188 100

94 9.2 9.3 13.9#

80 9.3 9.8 14.6#

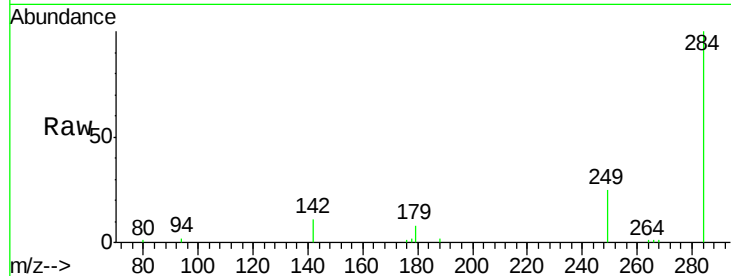




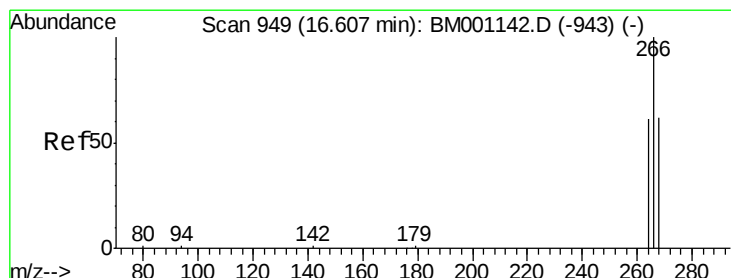
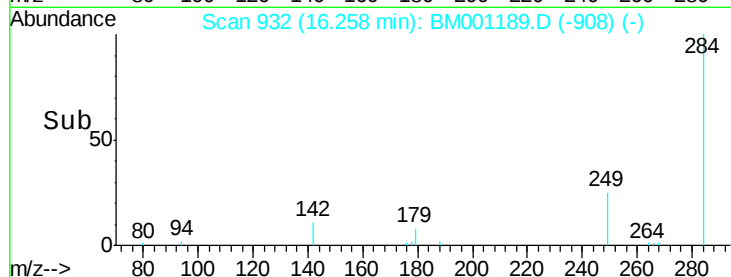
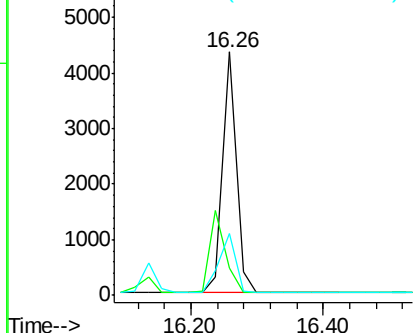
#19
Hexachlorobenzene
Concen: 0.97 ng
RT: 16.26 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM001189.D
Acq: 04 May 2015 17:33

Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

Tgt Ion: 284 Resp: 6131
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 29.9 26.5 39.7

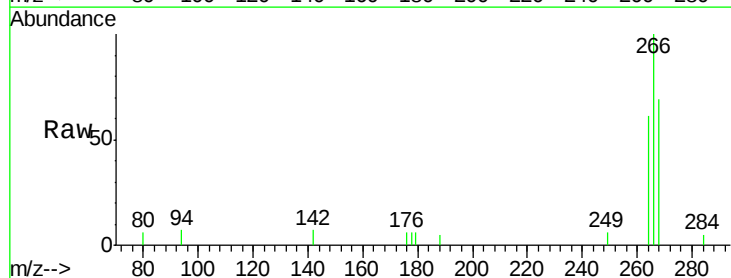


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

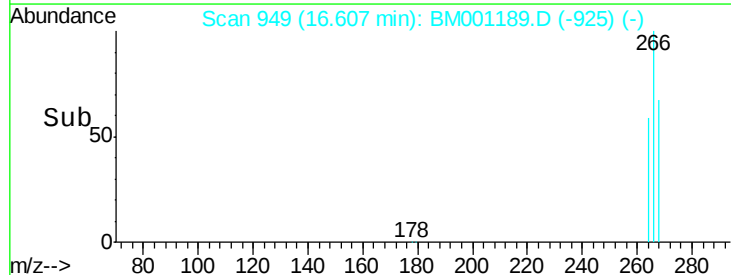
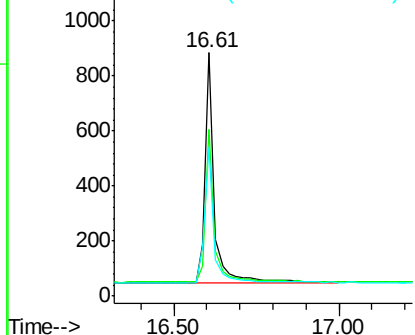


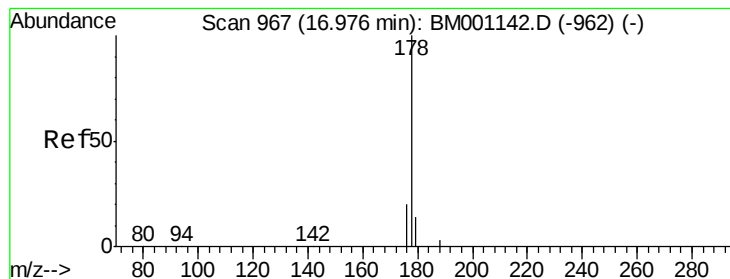
#20
Pentachlorophenol
Concen: 0.95 ng
RT: 16.61 min Scan# 949
Delta R.T. 0.00 min
Lab File: BM001189.D
Acq: 04 May 2015 17:33

Tgt Ion: 266 Resp: 1662
Ion Ratio Lower Upper
266 100
268 68.7 52.6 79.0
264 61.4 51.0 76.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#21

Phenanthrene

Concen: 1.00 ng

RT: 16.98 min Scan# 967

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

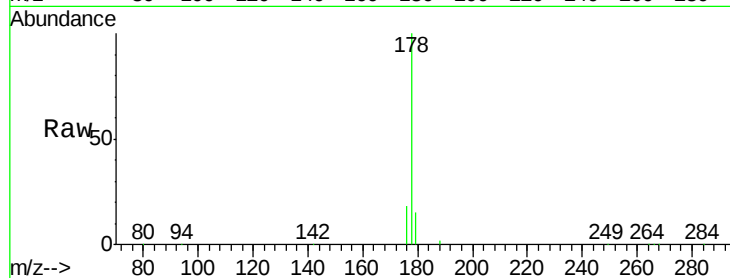
Tgt Ion:178 Resp: 30166

Ion Ratio Lower Upper

178 100

176 18.6 15.5 23.3

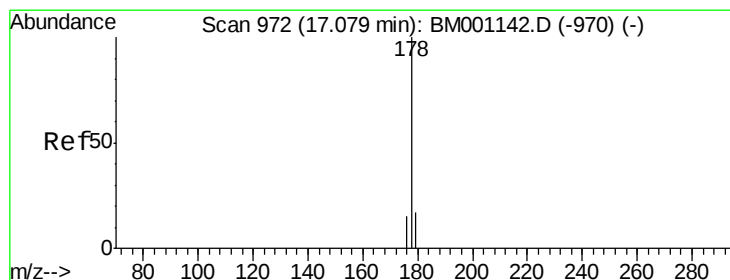
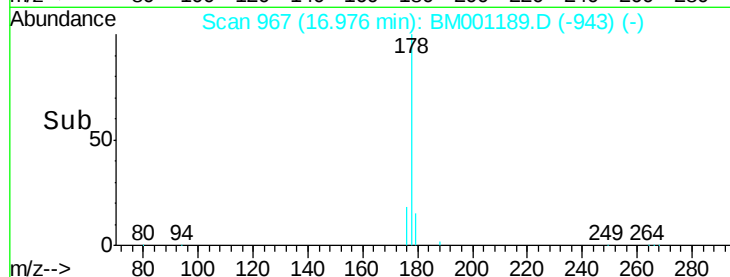
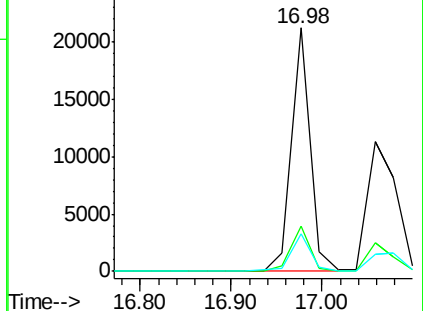
179 15.6 12.0 18.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#22

Anthracene

Concen: 1.21 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.10 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

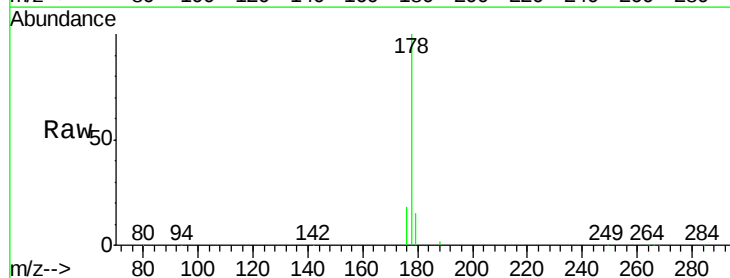
Tgt Ion:178 Resp: 30166

Ion Ratio Lower Upper

178 100

176 18.6 14.3 21.5

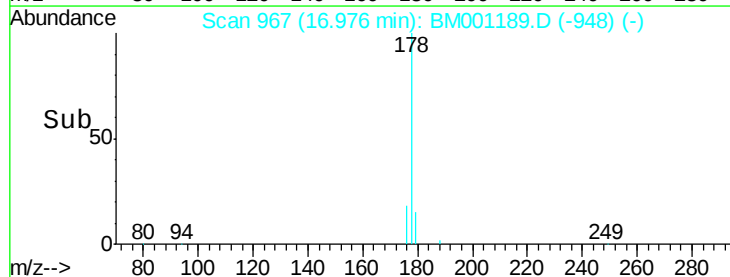
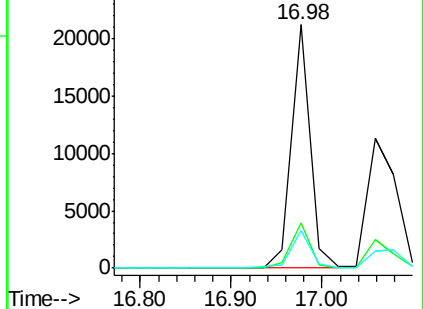
179 15.6 12.2 18.2

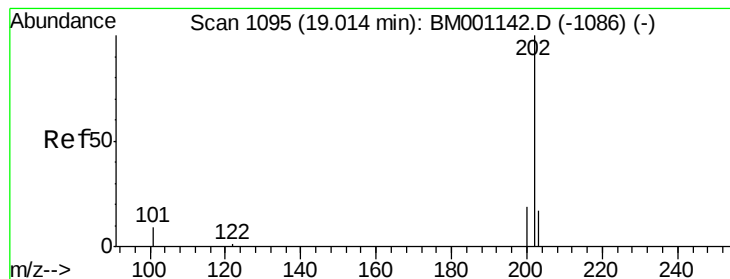


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 1.02 ng

RT: 19.01 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

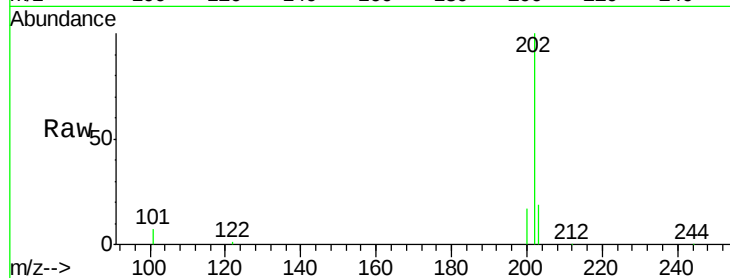
Tgt Ion:202 Resp: 31330

Ion Ratio Lower Upper

202 100

101 11.5 9.3 13.9

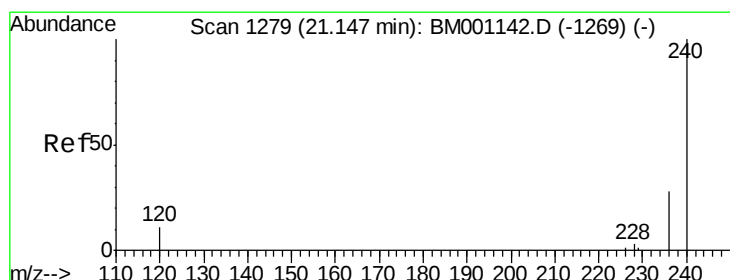
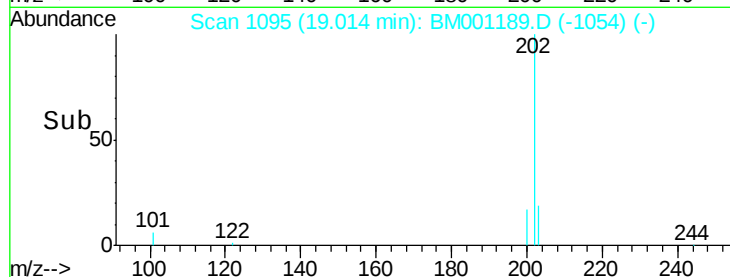
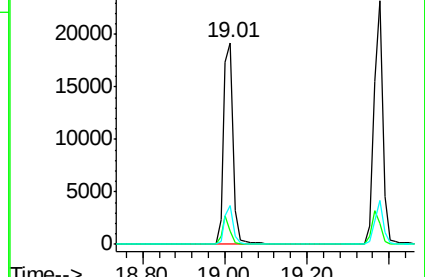
203 17.5 13.7 20.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

RT: 21.15 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

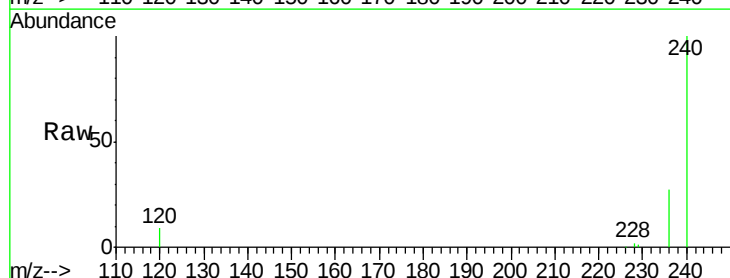
Tgt Ion:240 Resp: 105127

Ion Ratio Lower Upper

240 100

120 9.2 9.2 13.8#

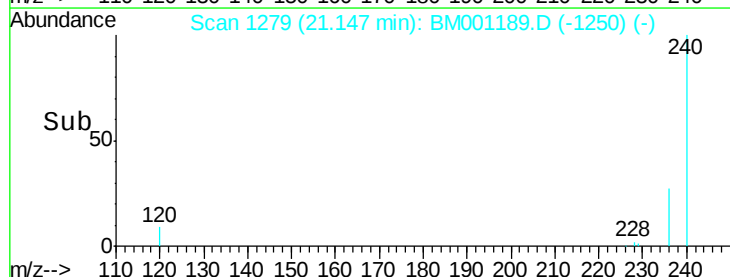
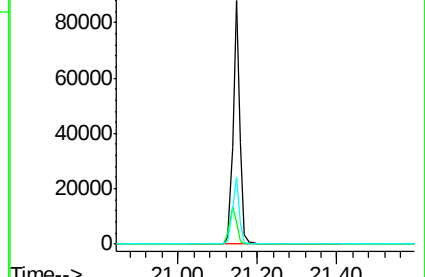
236 27.3 22.4 33.6

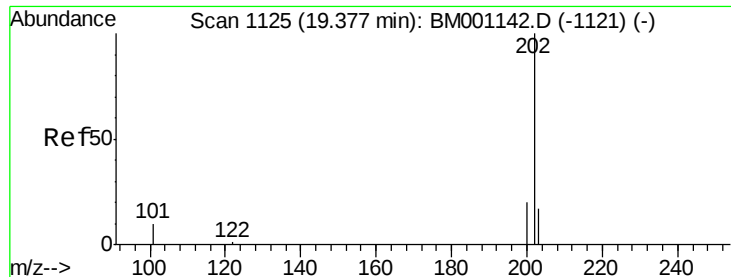


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

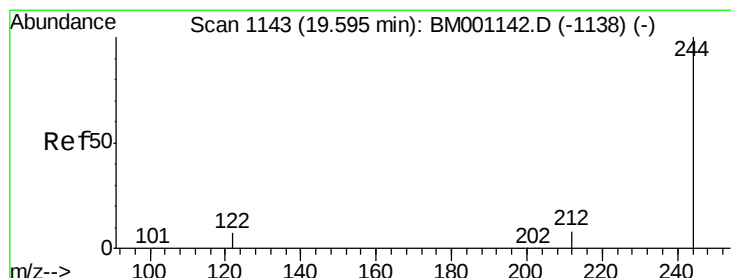
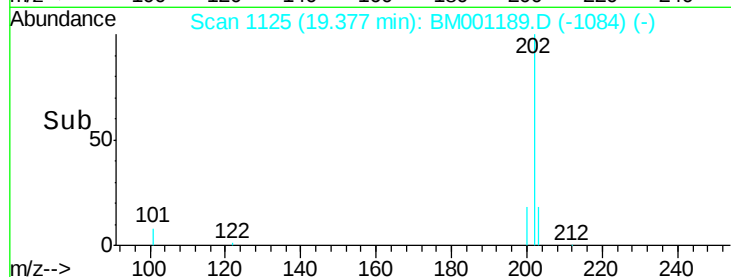
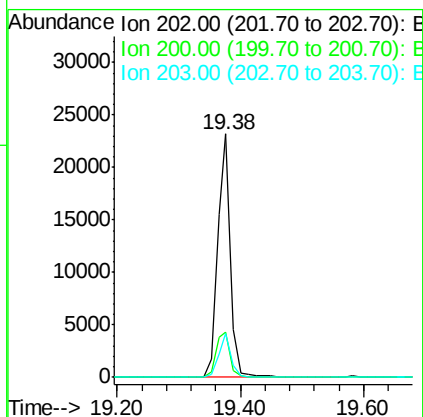
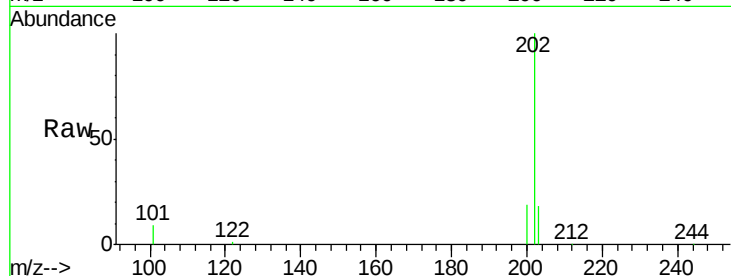




#25
 Pyrene
 Concen: 1.01 ng
 RT: 19.38 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: BM001189.D
 Acq: 04 May 2015 17:33

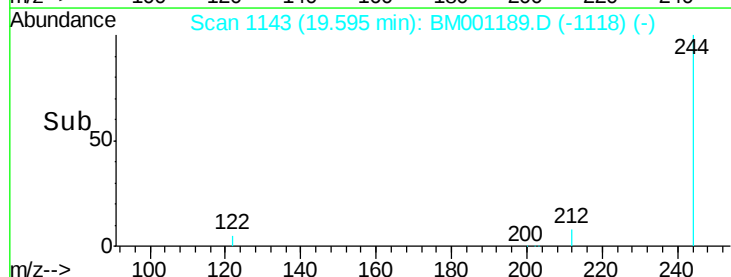
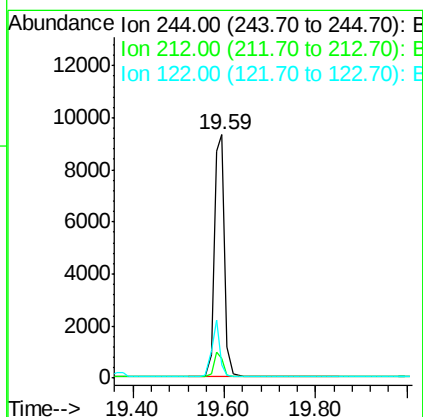
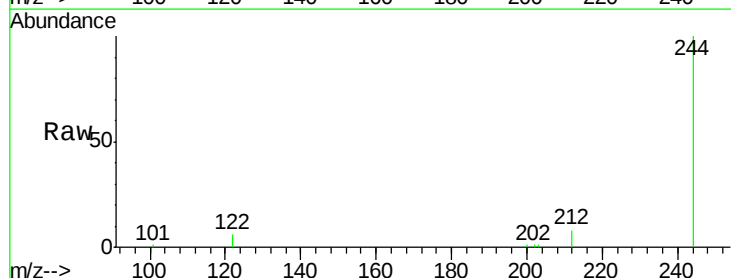
Instrument :
 BNA_M
 ClientSampleId :
 SSTDCCC001

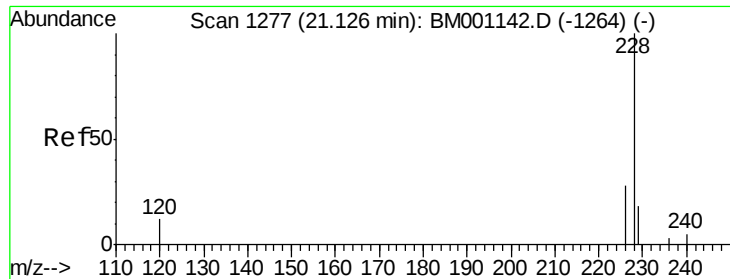
Tgt Ion: 202 Resp: 33229
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.4 24.6
 203 17.2 13.8 20.6



#26
 Terphenyl-d14
 Concen: 1.02 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BM001189.D
 Acq: 04 May 2015 17:33

Tgt Ion: 244 Resp: 14826
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.1 10.7
 122 5.6 6.2 9.4#





#27

Benzo(a)anthracene

Concen: 1.05 ng

RT: 21.13 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

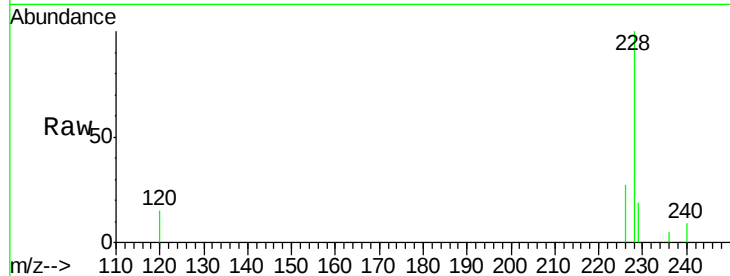
Tgt Ion:228 Resp: 31085

Ion Ratio Lower Upper

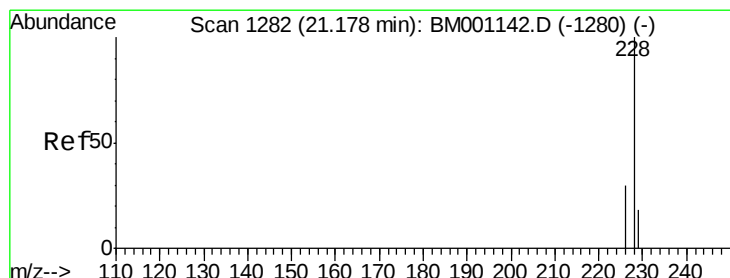
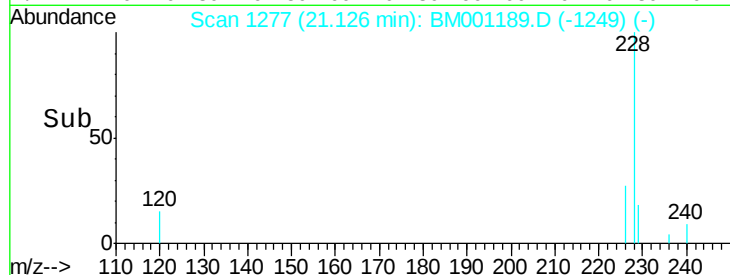
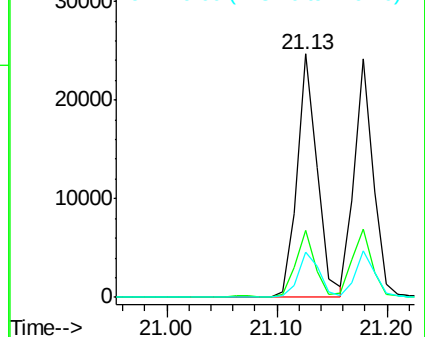
228 100

226 27.4 22.8 34.2

229 18.6 14.4 21.6



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



#28

Chrysene

Concen: 1.01 ng

RT: 21.18 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

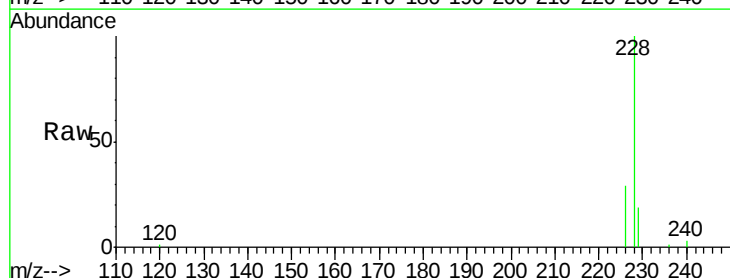
Tgt Ion:228 Resp: 29439

Ion Ratio Lower Upper

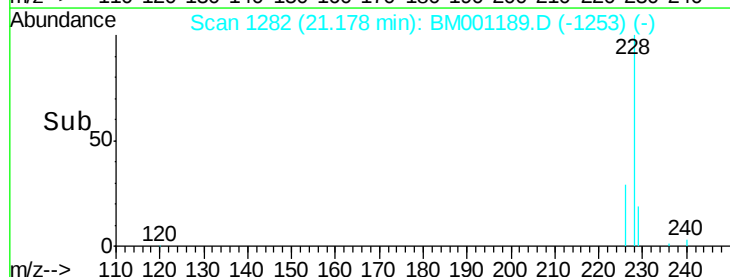
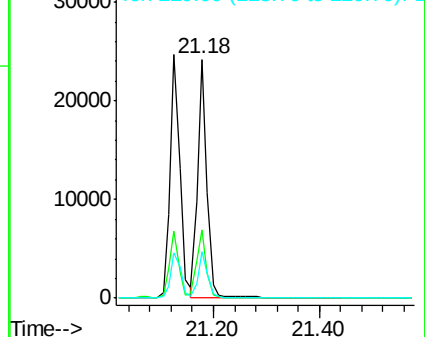
228 100

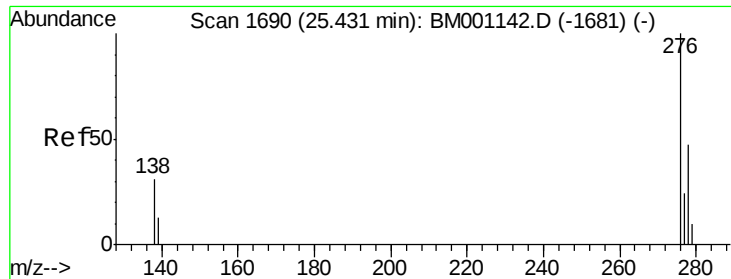
226 28.7 24.4 36.6

229 19.2 14.3 21.5



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





#29

Indeno(1,2,3-cd)pyrene

Concen: 1.00 ng

RT: 25.43 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

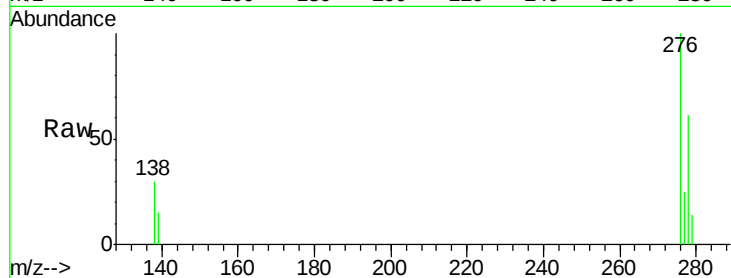
Tgt Ion:276 Resp: 26590

Ion Ratio Lower Upper

276 100

138 30.1 24.2 36.4

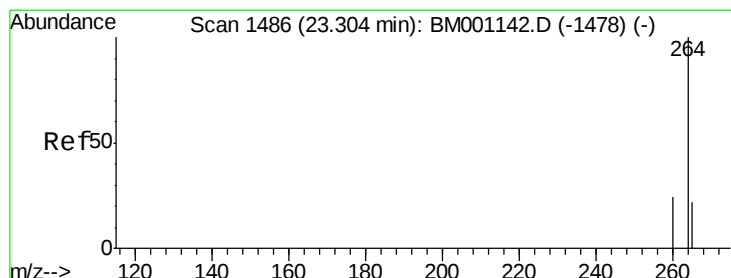
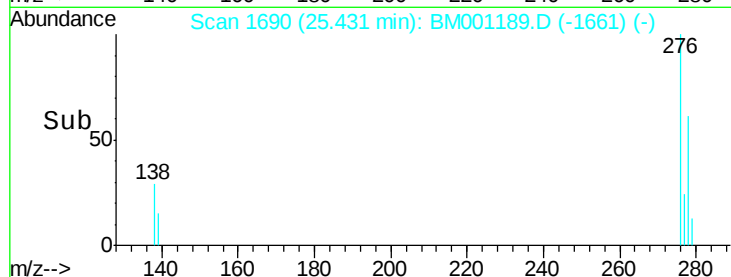
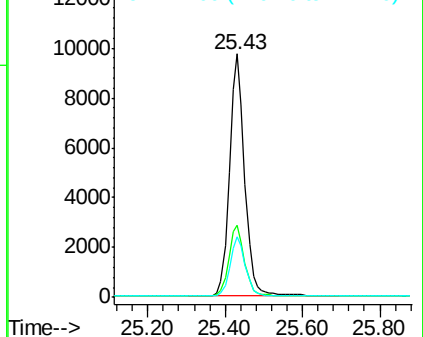
277 24.5 19.8 29.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.29 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

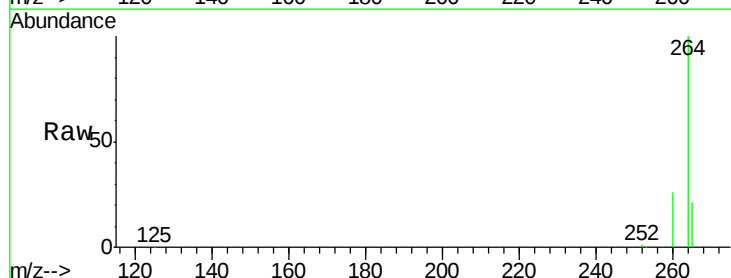
Tgt Ion:264 Resp: 91616

Ion Ratio Lower Upper

264 100

260 25.9 18.9 28.3

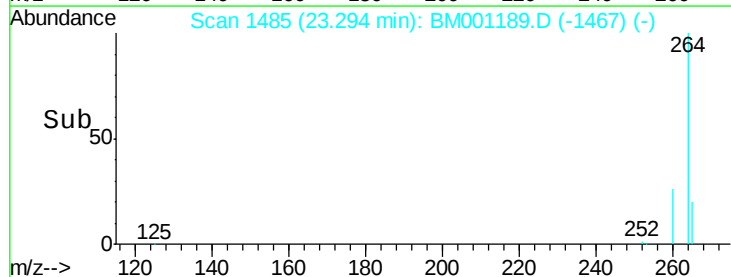
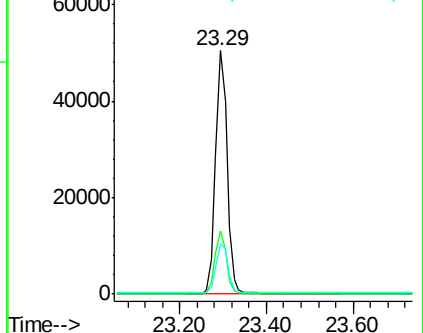
265 20.8 18.1 27.1

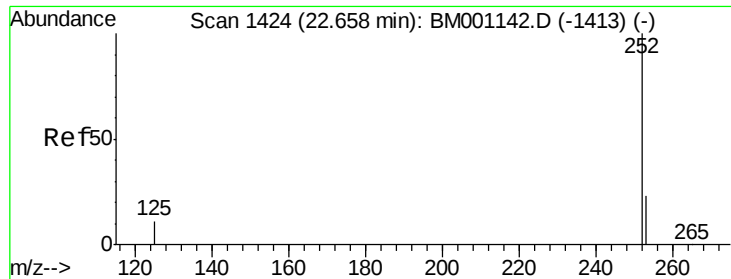


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

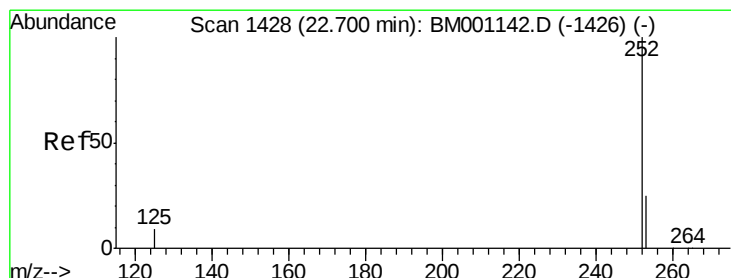
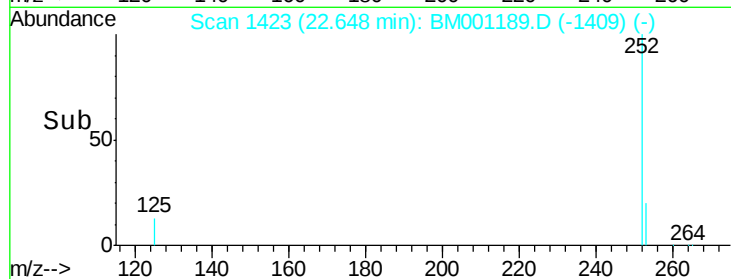
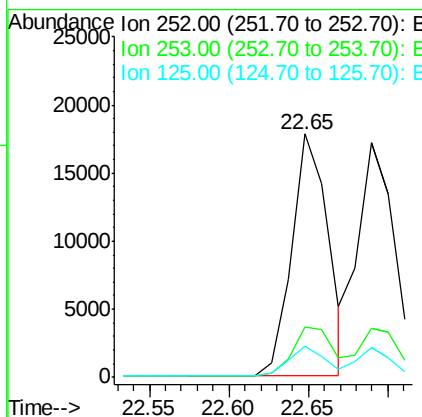
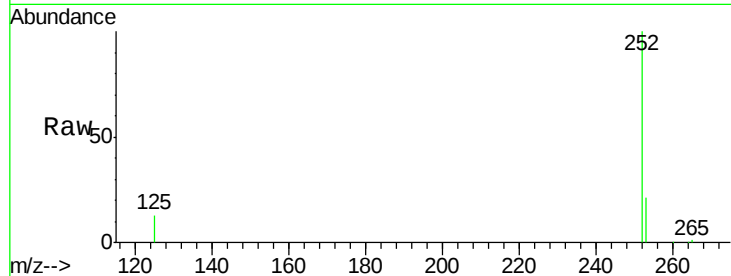




#31
Benzo(b)fluoranthene
Concen: 1.00 ng
RT: 22.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BM001189.D
Acq: 04 May 2015 17:33

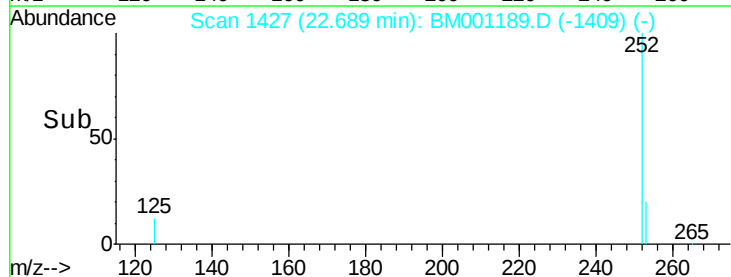
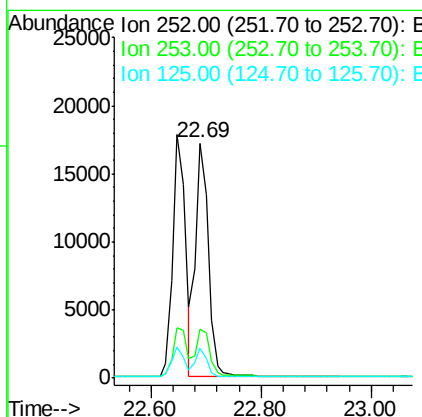
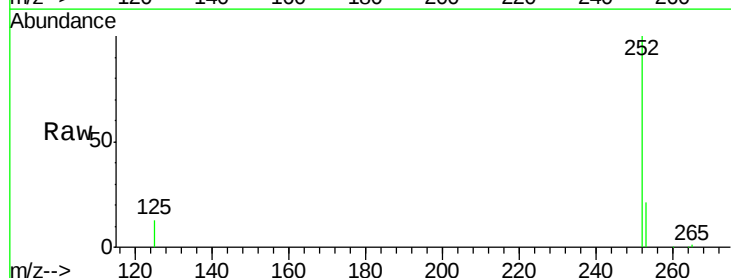
Instrument :
BNA_M
ClientSampleId :
SSTDCCC001

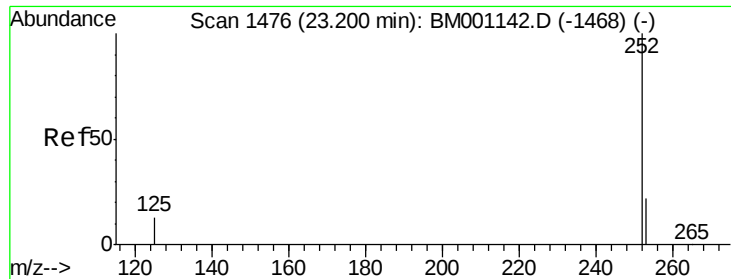
Tgt Ion: 252 Resp: 28307
Ion Ratio Lower Upper
252 100
253 20.9 19.0 28.4
125 13.0 9.1 13.7



#32
Benzo(k)fluoranthene
Concen: 1.06 ng
RT: 22.69 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BM001189.D
Acq: 04 May 2015 17:33

Tgt Ion: 252 Resp: 28073
Ion Ratio Lower Upper
252 100
253 21.1 19.1 28.7
125 12.6 9.3 13.9





#33

Benzo(a)pyrene

Concen: 1.05 ng

RT: 23.20 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

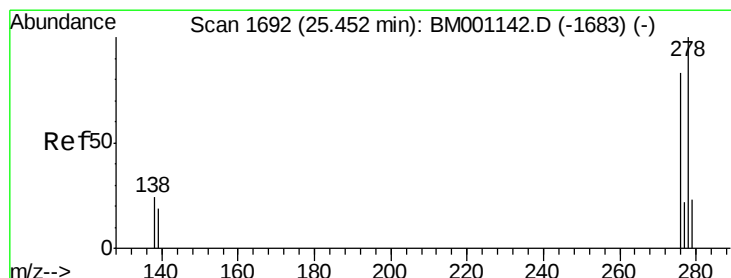
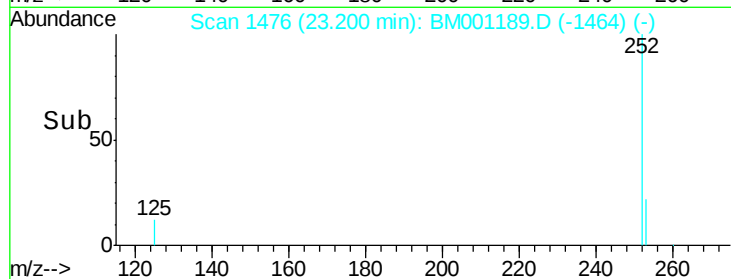
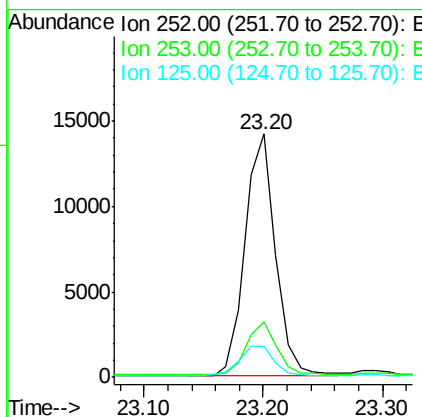
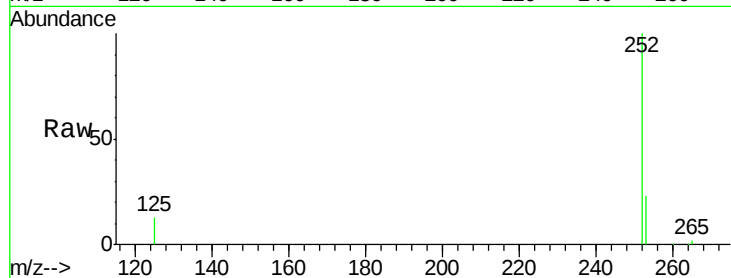
Instrument :

BNA_M

ClientSampleId :

SSTDCCC001

Tgt Ion:	252	Resp:	25087
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	12.9	10.6	16.0



#34

Dibenzo(a,h)anthracene

Concen: 0.99 ng

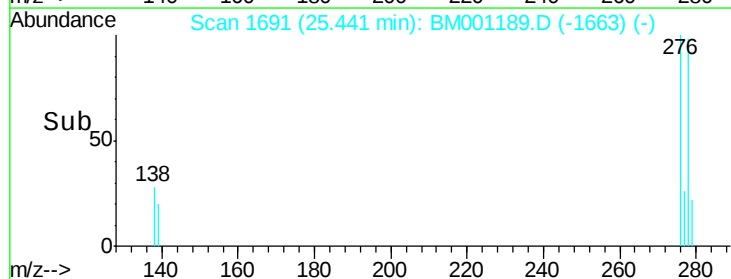
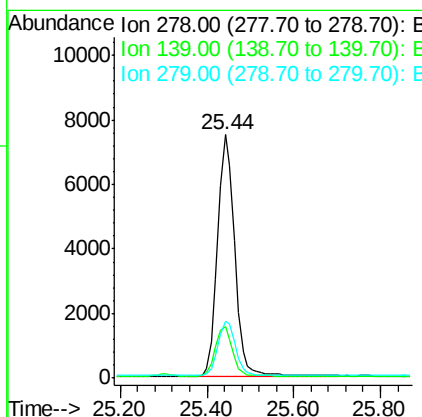
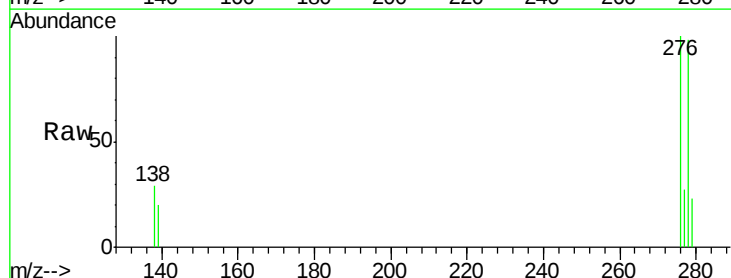
RT: 25.44 min Scan# 1691

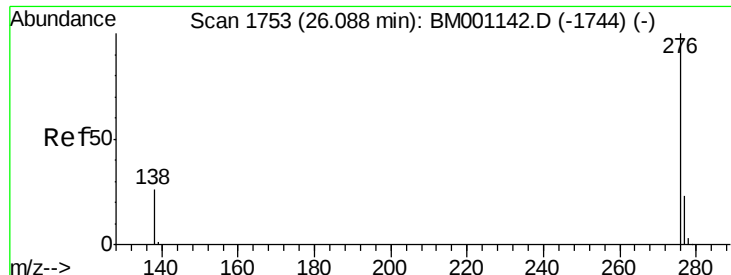
Delta R.T. -0.01 min

Lab File: BM001189.D

Acq: 04 May 2015 17:33

Tgt Ion:	278	Resp:	20576
Ion	Ratio	Lower	Upper
278	100		
139	21.0	15.5	23.3
279	23.6	19.7	29.5





#35

Benzo(g,h,i)perylene

Concen: 0.97 ng

RT: 26.09 min Scan# 1753

Delta R.T. 0.00 min

Lab File: BM001189.D

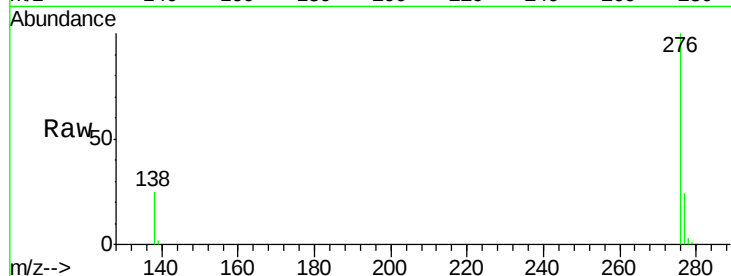
Acq: 04 May 2015 17:33

Instrument :

BNA_M

ClientSampleId :

SSTDCCC001



Tgt Ion: 276 Resp: 21293

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 24.6 21.3 31.9

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

