

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050115\
 Data File : BM001141.D
 Acq On : 01 May 2015 21:21
 Operator : TP/IZ
 Sample : SSTDICC002
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

Quant Time: May 02 01:47:47 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 02 01:33:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	17496	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	68881	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	38206	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	92756	5.00	ng	0.00
24) Chrysene-d12	21.15	240	78848	5.00	ng	0.00
30) Perylene-d12	23.30	264	64869	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.11	112	6892	1.86	ng/uL	-0.02
5) Phenol-d6	6.71	99	8536	1.70	ng/uL	0.00
7) Nitrobenzene-d5	8.69	82	8223	2.17	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	3805	2.02	ng/uL	0.00
14) 2-Fluorobiphenyl	12.81	172	25797	2.03	ng	0.00
26) Terphenyl-d14	19.59	244	22370	2.09	ng	0.00

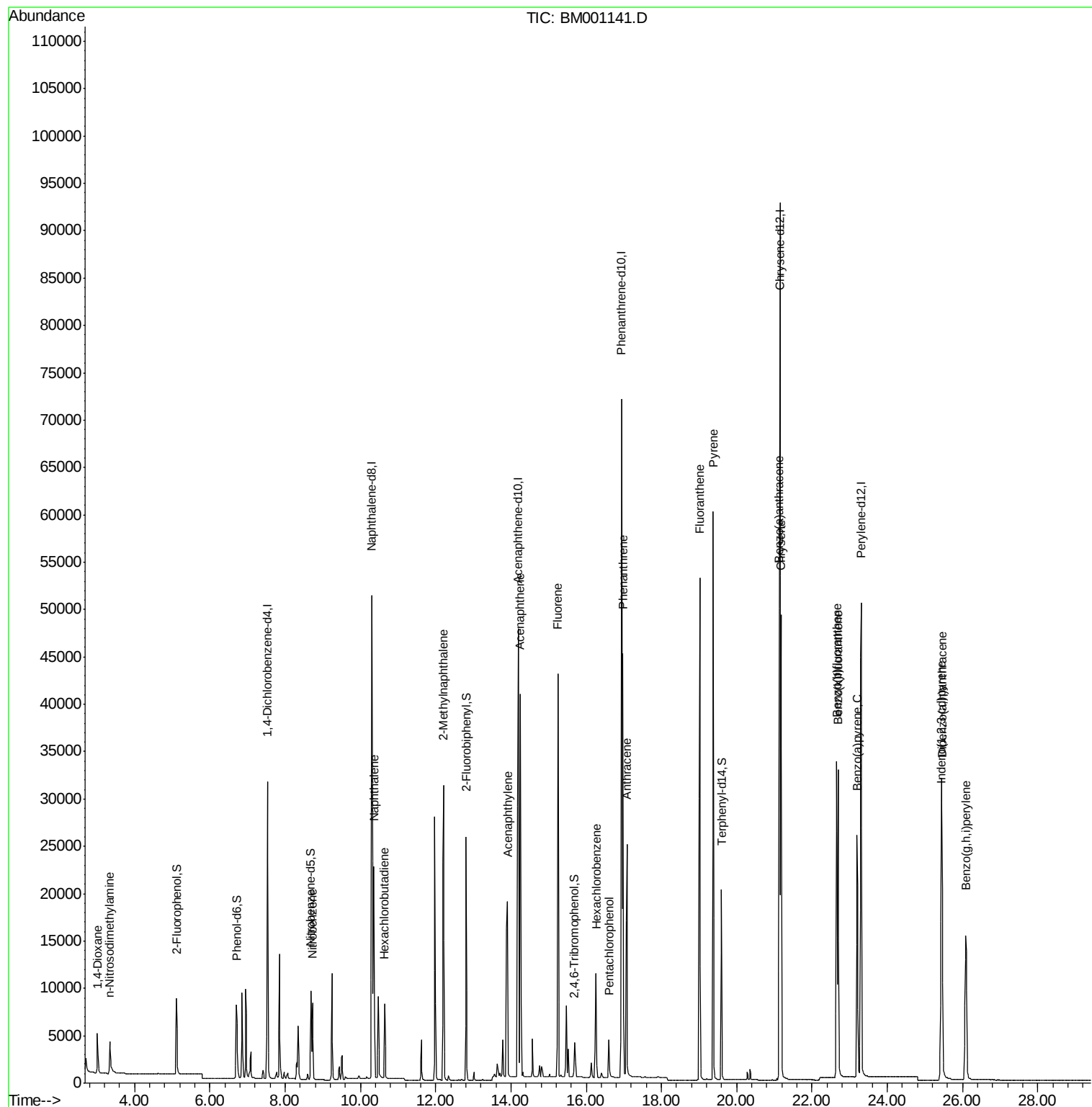
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.01	88	3375	1.76	ng	# 85
3) n-Nitrosodimethylamine	3.34	42	4141	2.06	ng	# 92
8) Nitrobenzene	8.73	77	9096	1.72	ng/uL	98
9) Naphthalene	10.36	128	29897	1.84	ng	100
10) Hexachlorobutadiene	10.65	225	5696	1.91	ng/uL	100
11) 2-Methylnaphthalene	12.21	142	21271	2.00	ng	92
15) Acenaphthylene	13.91	152	35825	2.09	ng	# 100
16) Acenaphthene	14.24	154	23243	1.98	ng	97
17) Fluorene	15.24	166	27770	2.03	ng	99
19) Hexachlorobenzene	16.26	284	9931	1.94	ng	# 98
20) Pentachlorophenol	16.61	266	3099	2.12	ng	98
21) Phenanthrene	16.98	178	48300	1.97	ng	100
22) Anthracene	17.08	178	40227	1.80	ng	100
23) Fluoranthene	19.01	202	48815	1.90	ng	100
25) Pyrene	19.38	202	50973	1.95	ng	99
27) Benzo(a)anthracene	21.13	228	44837	1.95	ng	99
28) Chrysene	21.18	228	43646	1.84	ng	99
29) Indeno(1,2,3-cd)pyrene	25.43	276	37104	1.58	ng	99
31) Benzo(b)fluoranthene	22.66	252	42856	2.03	ng	99
32) Benzo(k)fluoranthene	22.70	252	36887	1.86	ng	98
33) Benzo(a)pyrene	23.20	252	34384	1.92	ng	98
34) Dibenzo(a,h)anthracene	25.45	278	28802	1.69	ng	98
35) Benzo(g,h,i)perylene	26.09	276	30003	1.64	ng	99

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

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Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.52 min Scan# 314

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

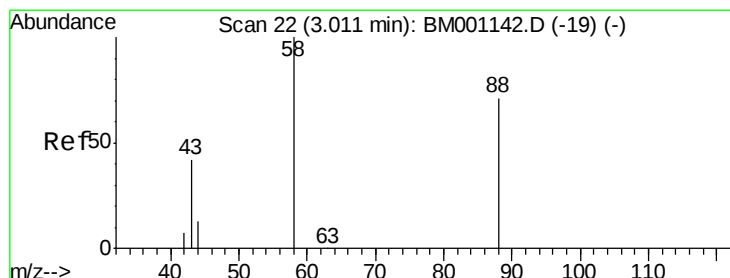
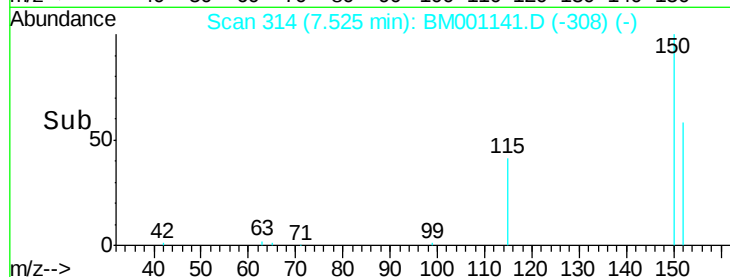
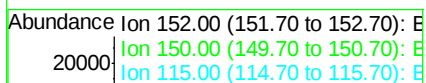
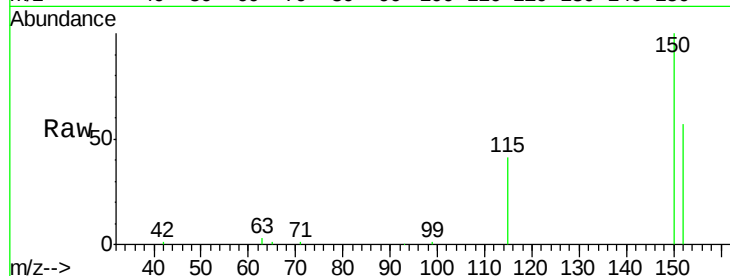
Tgt Ion:152 Resp: 17496

Ion Ratio Lower Upper

152 100

150 174.8 140.1 210.1

115 71.4 57.8 86.6



#2

1,4-Dioxane

Concen: 1.76 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

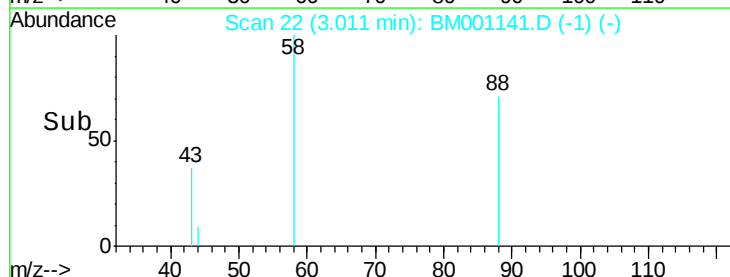
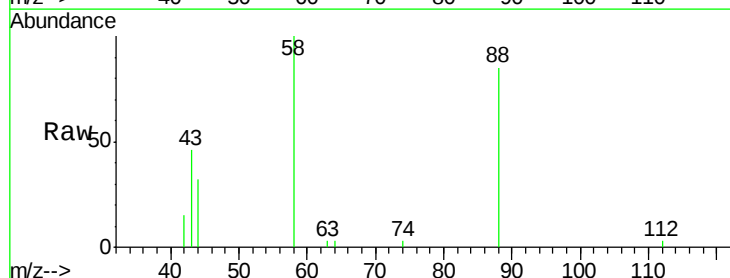
Tgt Ion: 88 Resp: 3375

Ion Ratio Lower Upper

88 100

58 75.0 48.2 72.2#

43 34.3 24.8 37.2





#3

n-Nitrosodimethylamine

Concen: 2.06 ng

RT: 3.34 min Scan# 43

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

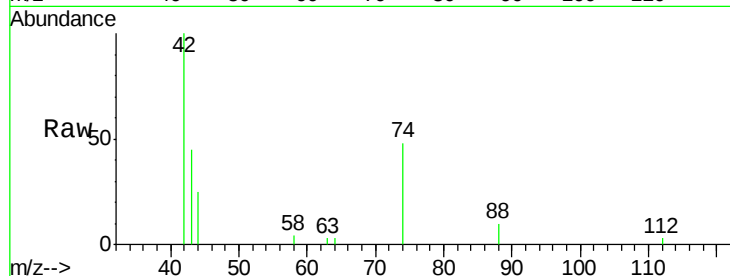
Tgt Ion: 42 Resp: 4141

Ion Ratio Lower Upper

42 100

74 98.0 72.0 108.0

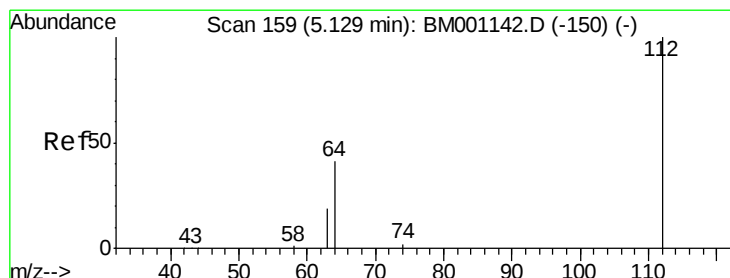
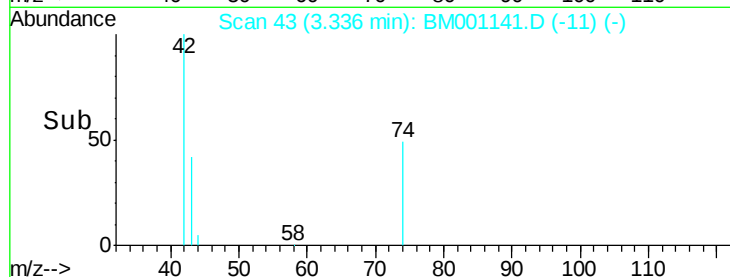
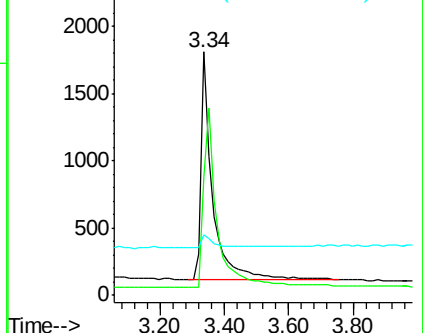
44 7.4 3.7 5.5#



Abundance Ion 42.00 (41.70 to 42.70): BM001141.D (-41) (-)

Ion 74.00 (73.70 to 74.70): BM001141.D (-41) (-)

Ion 44.00 (43.70 to 44.70): BM001141.D (-41) (-)



#4

2-Fluorophenol

Concen: 1.86 ng/uL

RT: 5.11 min Scan# 158

Delta R.T. -0.02 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

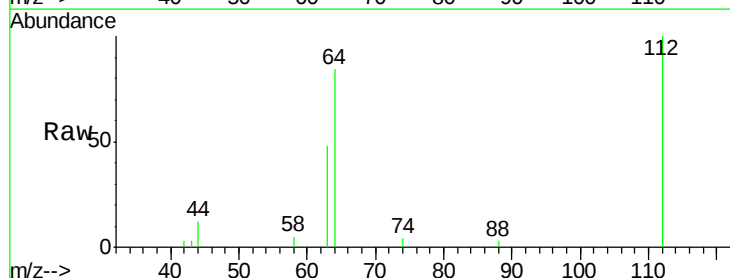
Tgt Ion: 112 Resp: 6892

Ion Ratio Lower Upper

112 100

64 65.4 52.6 79.0

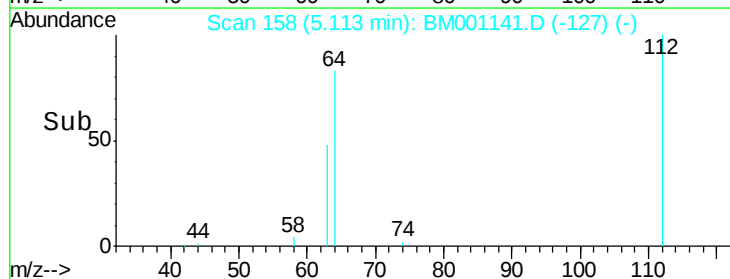
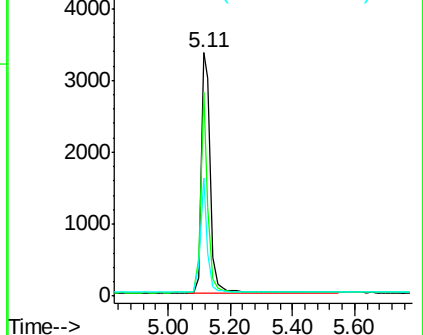
63 36.2 29.5 44.3

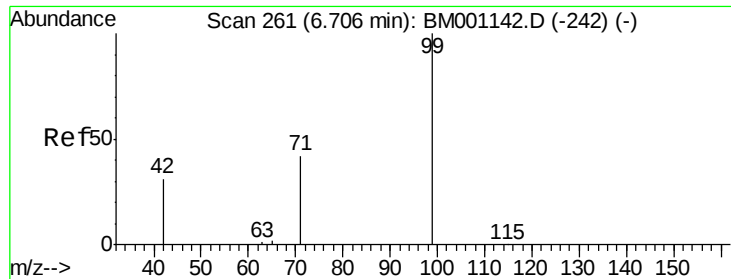


Abundance Ion 112.00 (111.70 to 112.70): BM001141.D (-150) (-)

Ion 64.00 (63.70 to 64.70): BM001141.D (-150) (-)

Ion 63.00 (62.70 to 63.70): BM001141.D (-150) (-)





#5

Phenol-d6

Concen: 1.70 ng/uL

RT: 6.71 min Scan# 261

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

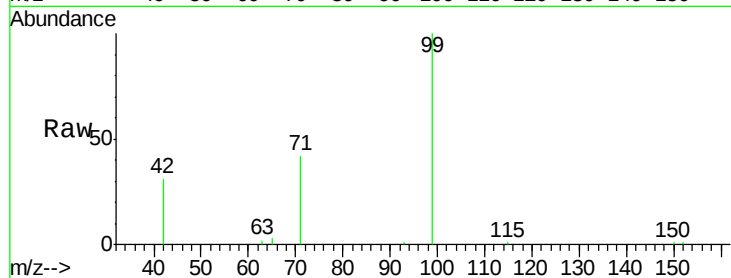
Tgt Ion: 99 Resp: 8536

Ion Ratio Lower Upper

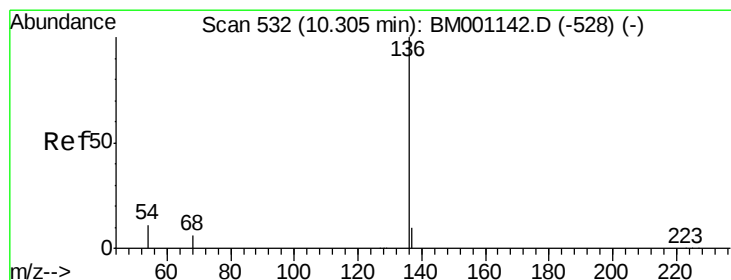
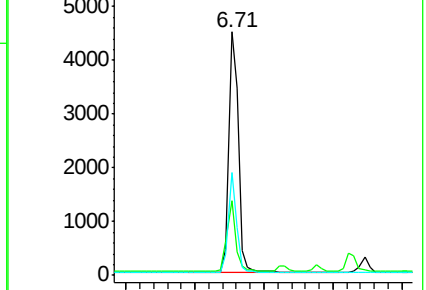
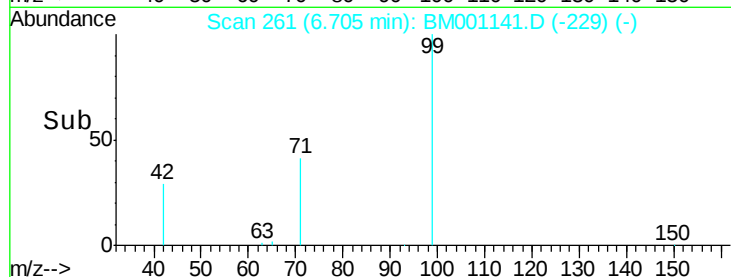
99 100

42 26.1 20.9 31.3

71 35.4 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001141.D (-229) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

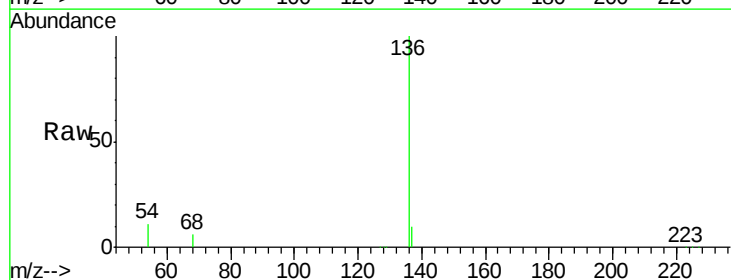
Tgt Ion: 136 Resp: 68881

Ion Ratio Lower Upper

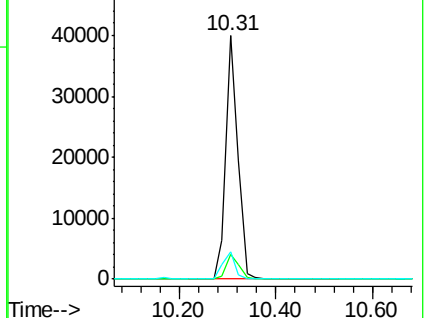
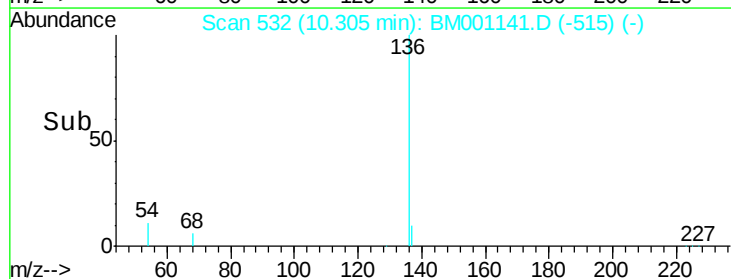
136 100

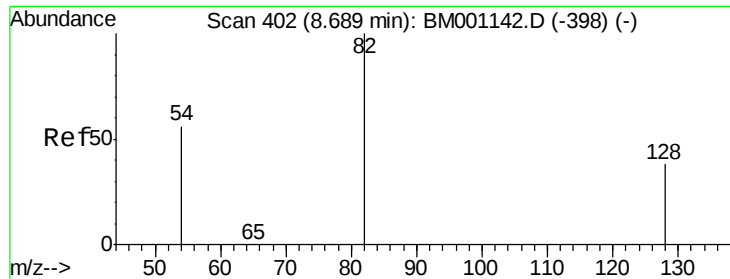
137 10.3 8.2 12.4

54 11.1 9.0 13.4



Abundance Ion 136.00 (135.70 to 136.70): BM001141.D (-515) (-)





#7

Nitrobenzene-d5

Concen: 2.17 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

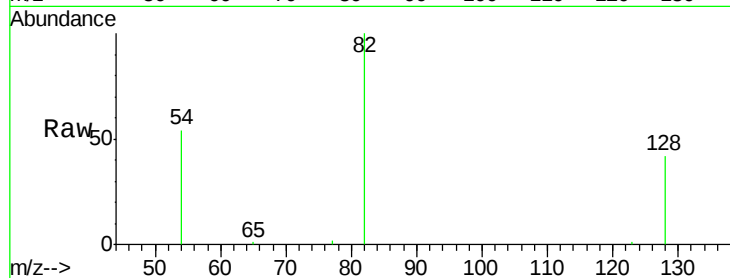
Tgt Ion: 82 Resp: 8223

Ion Ratio Lower Upper

82 100

128 41.6 31.9 47.9

54 54.2 46.2 69.2

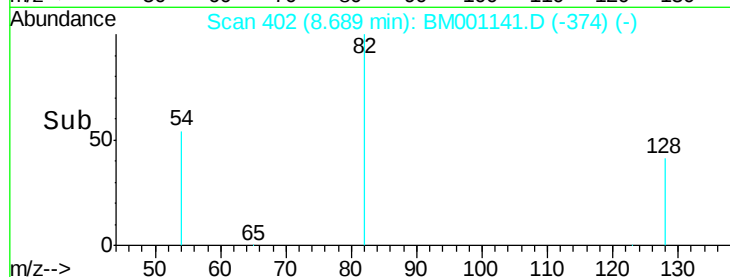


Abundance Ion 82.00 (81.70 to 82.70): BM001141.D (-374) (-)

Ion 128.00 (127.70 to 128.70): BM001141.D (-374) (-)

Ion 54.00 (53.70 to 54.70): BM001141.D (-374) (-)

Time-->



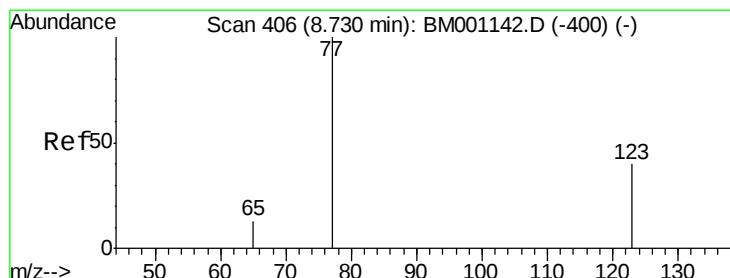
Abundance

Ion 82.00 (81.70 to 82.70): BM001141.D (-374) (-)

Ion 128.00 (127.70 to 128.70): BM001141.D (-374) (-)

Ion 54.00 (53.70 to 54.70): BM001141.D (-374) (-)

Time-->



#8

Nitrobenzene

Concen: 1.72 ng/uL

RT: 8.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

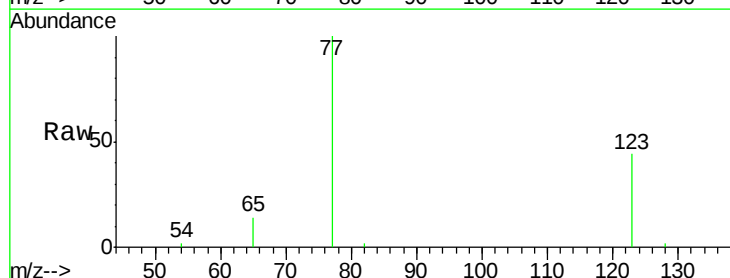
Tgt Ion: 77 Resp: 9096

Ion Ratio Lower Upper

77 100

123 40.5 31.0 46.6

65 13.6 10.6 15.8

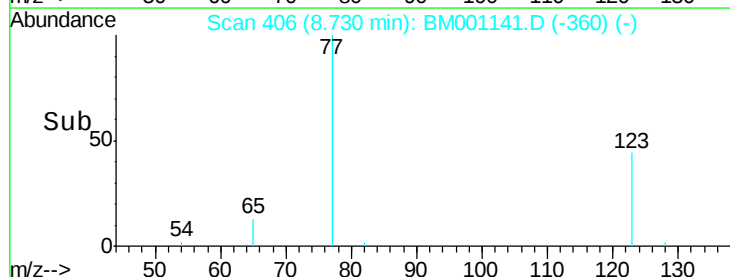


Abundance Ion 77.00 (76.70 to 77.70): BM001141.D (-360) (-)

Ion 123.00 (122.70 to 123.70): BM001141.D (-360) (-)

Ion 65.00 (64.70 to 65.70): BM001141.D (-360) (-)

Time-->



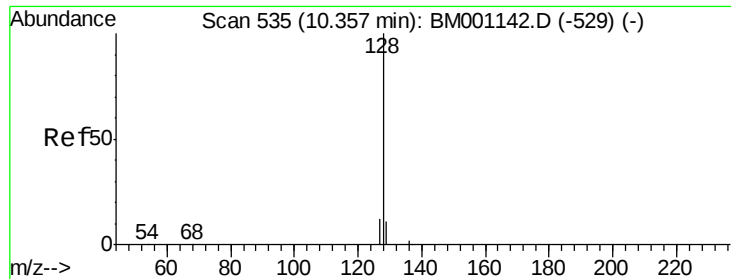
Abundance

Ion 77.00 (76.70 to 77.70): BM001141.D (-360) (-)

Ion 123.00 (122.70 to 123.70): BM001141.D (-360) (-)

Ion 65.00 (64.70 to 65.70): BM001141.D (-360) (-)

Time-->



#9

Naphthalene

Concen: 1.84 ng

RT: 10.36 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

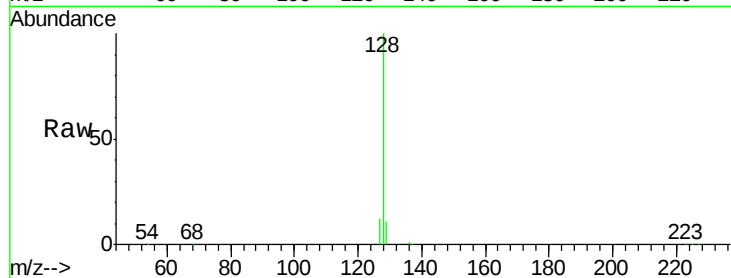
Tgt Ion:128 Resp: 29897

Ion Ratio Lower Upper

128 100

129 11.3 9.0 13.6

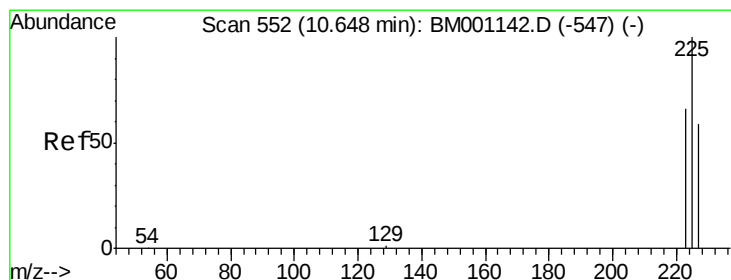
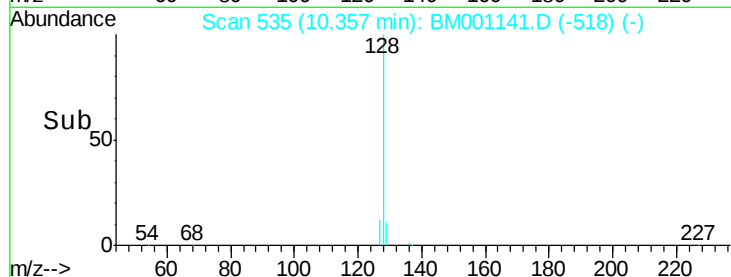
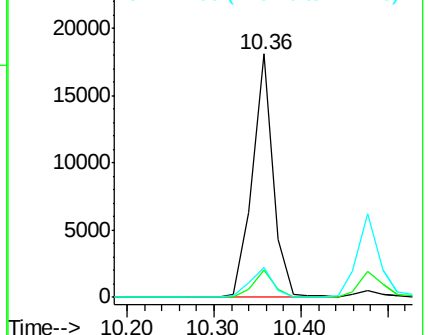
127 12.4 10.0 15.0



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: 1.91 ng/uL

RT: 10.65 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

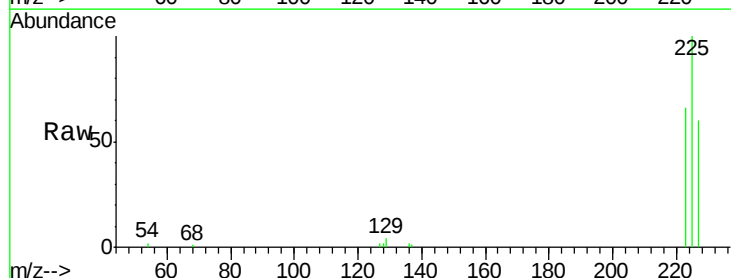
Tgt Ion:225 Resp: 5696

Ion Ratio Lower Upper

225 100

223 63.2 50.8 76.2

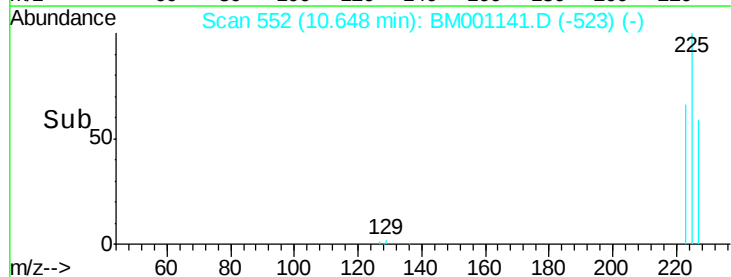
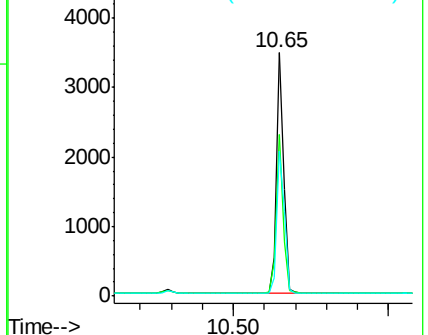
227 63.5 51.0 76.4

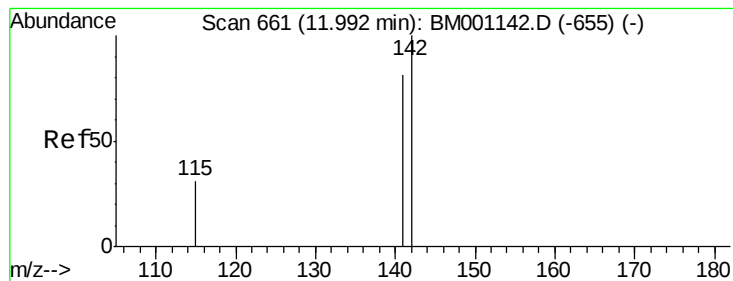


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene

Concen: 2.00 ng

RT: 12.21 min Scan# 682

Delta R.T. 0.22 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

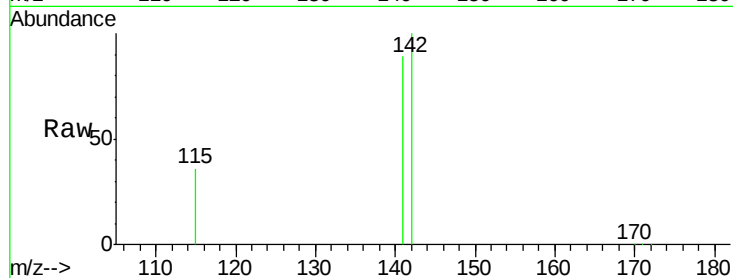
Tgt Ion:142 Resp: 21271

Ion Ratio Lower Upper

142 100

141 89.2 65.1 97.7

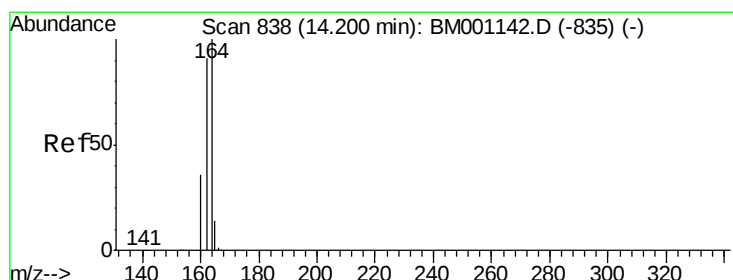
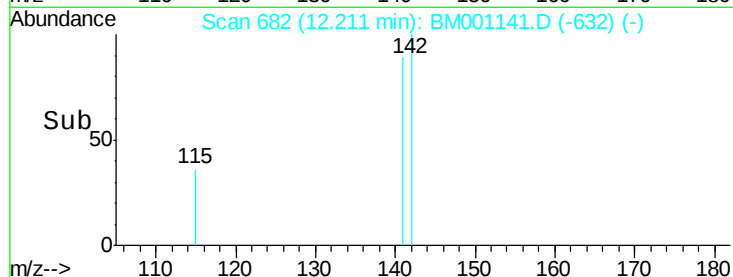
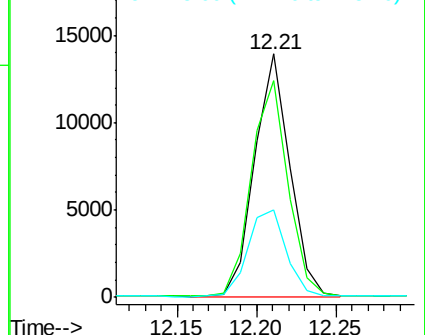
115 35.8 25.1 37.7



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: BM001141.D

Acq: 01 May 2015 21:21

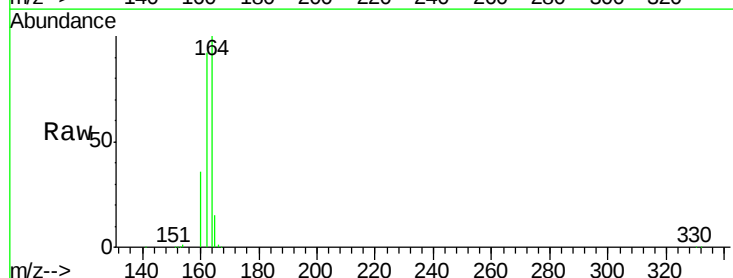
Tgt Ion:164 Resp: 38206

Ion Ratio Lower Upper

164 100

162 91.6 72.7 109.1

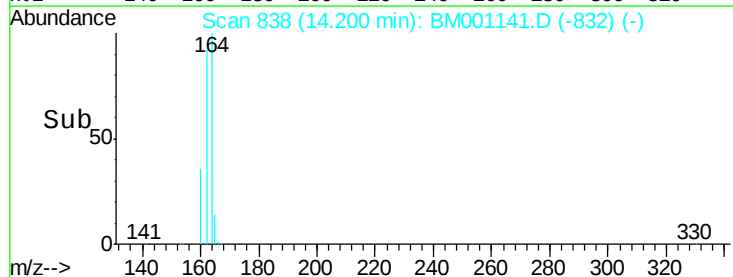
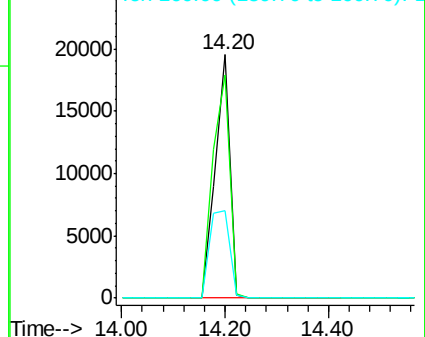
160 35.9 28.7 43.1

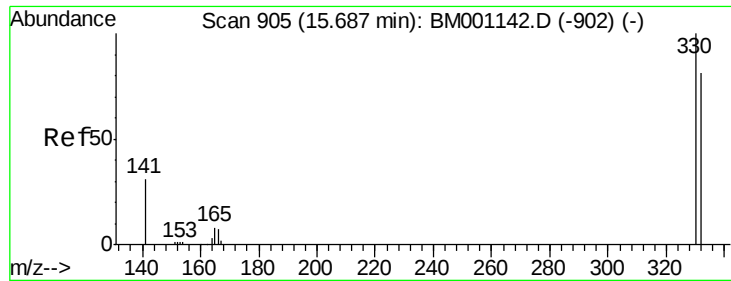


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

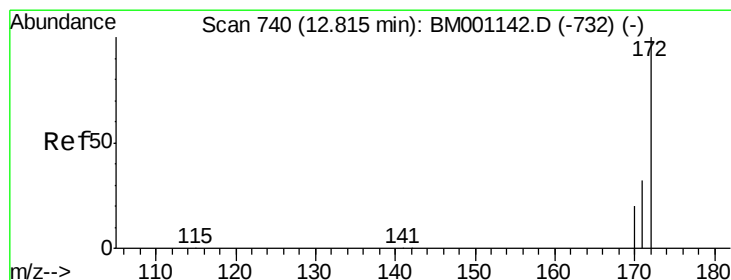
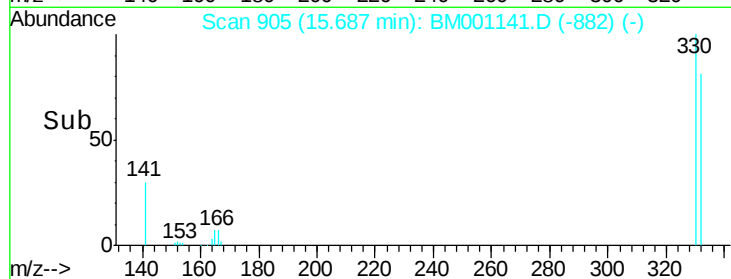
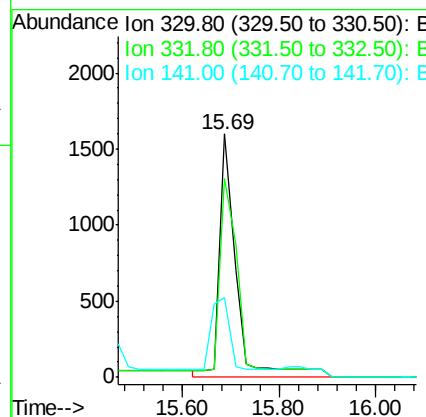
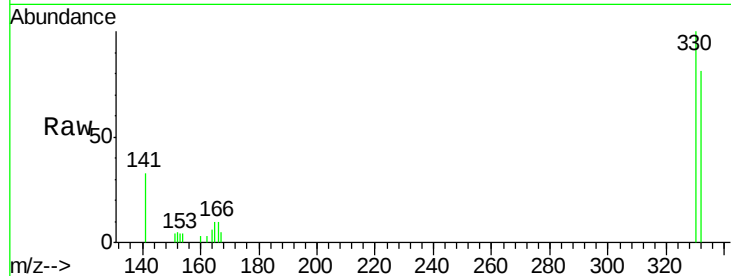




#13
 2,4,6-Tribromophenol
 Concen: 2.02 ng/uL
 RT: 15.69 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BM001141.D
 Acq: 01 May 2015 21:21

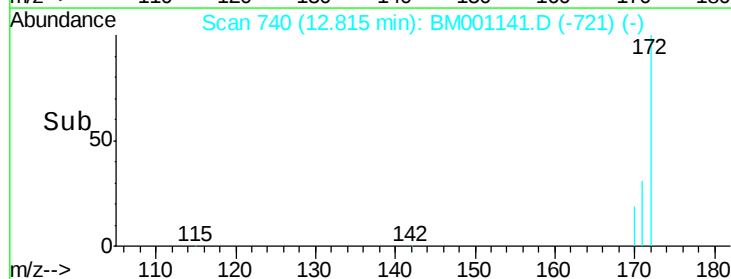
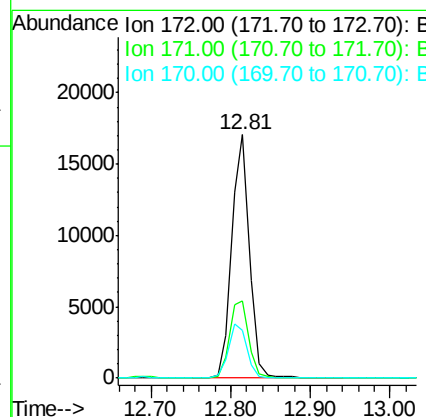
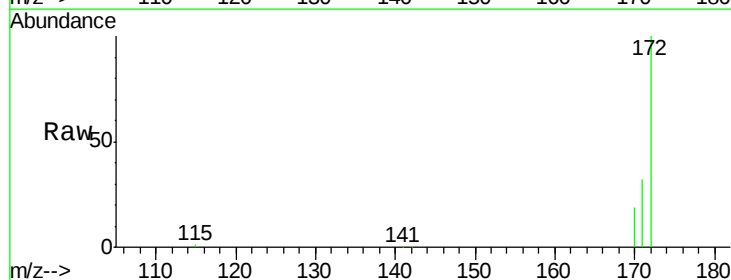
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

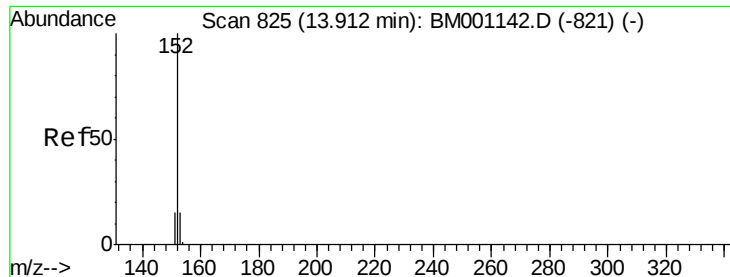
Tgt Ion:330 Resp: 3805
 Ion Ratio Lower Upper
 330 100
 332 93.5 74.5 111.7
 141 40.5 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 2.03 ng
 RT: 12.81 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BM001141.D
 Acq: 01 May 2015 21:21

Tgt Ion:172 Resp: 25797
 Ion Ratio Lower Upper
 172 100
 171 31.7 25.8 38.6
 170 19.4 16.1 24.1

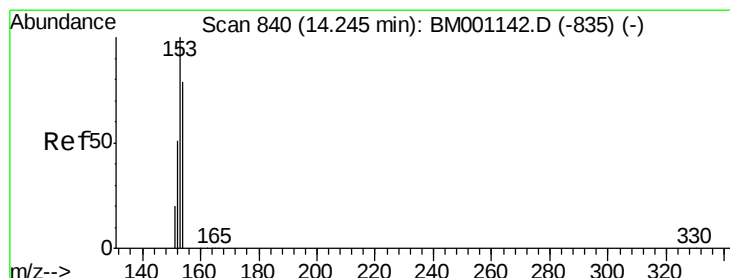
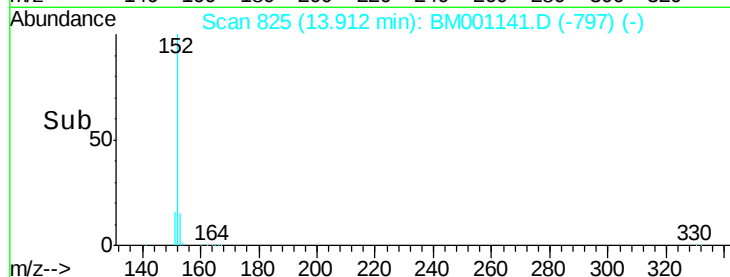
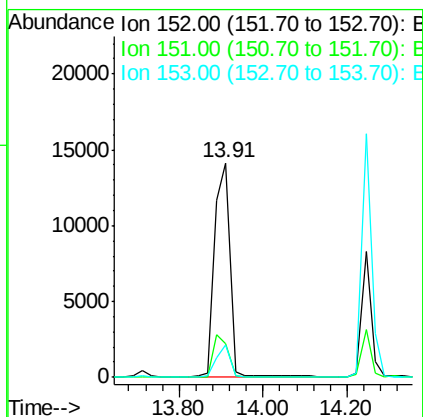
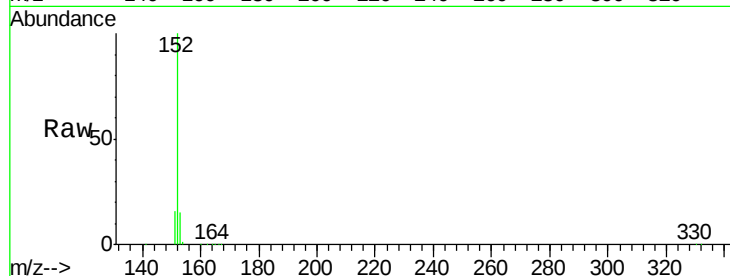




#15
Acenaphthylene
Concen: 2.09 ng
RT: 13.91 min Scan# 825
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

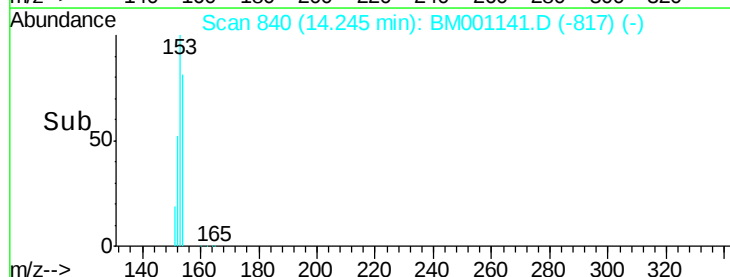
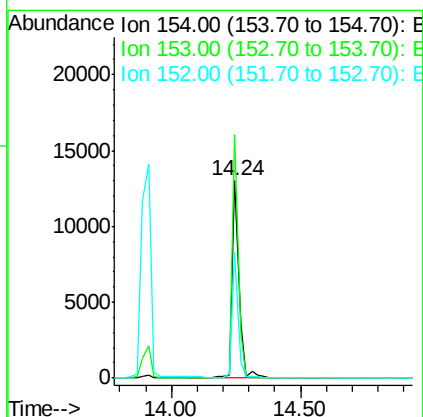
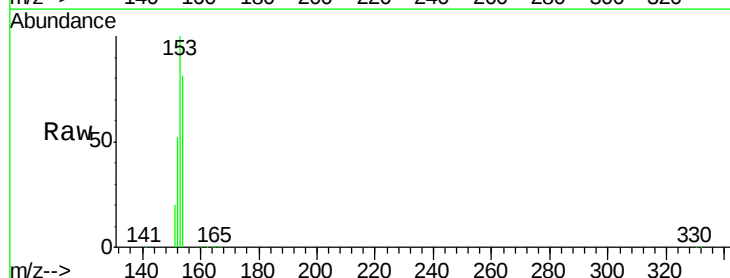
Instrument :
BNA_M
ClientSampleId :
SSTDICC002

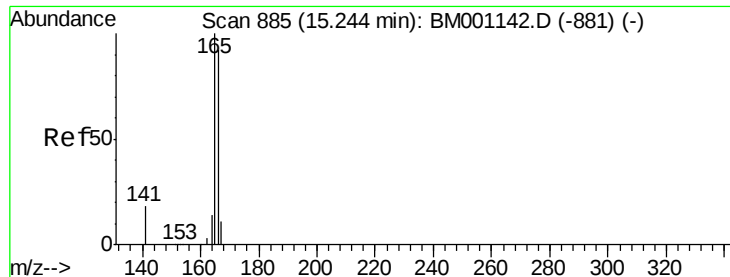
Tgt Ion:152 Resp: 35825
Ion Ratio Lower Upper
152 100
151 0.0 0.0 0.0
153 12.8 10.3 15.5



#16
Acenaphthene
Concen: 1.98 ng
RT: 14.24 min Scan# 840
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion:154 Resp: 23243
Ion Ratio Lower Upper
154 100
153 109.9 90.6 136.0
152 55.0 45.0 67.4





#17

Fluorene

Concen: 2.03 ng

RT: 15.24 min Scan# 885

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

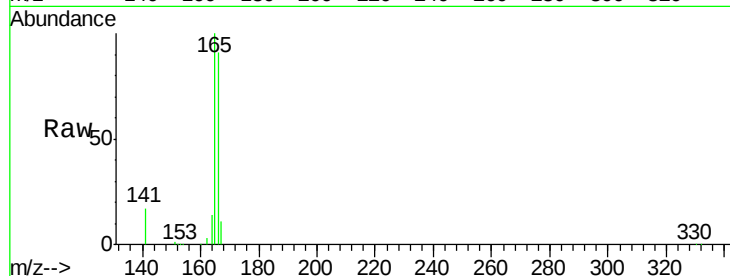
Tgt Ion:166 Resp: 27770

Ion Ratio Lower Upper

166 100

165 102.2 81.0 121.6

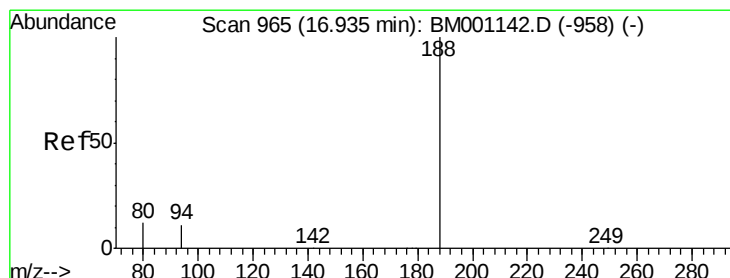
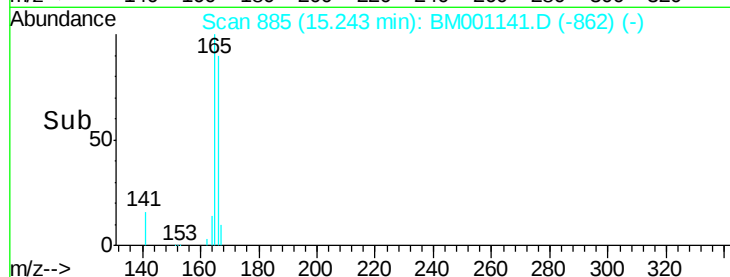
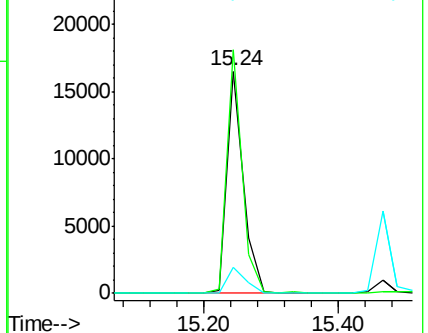
167 12.9 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.94 min Scan# 965

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

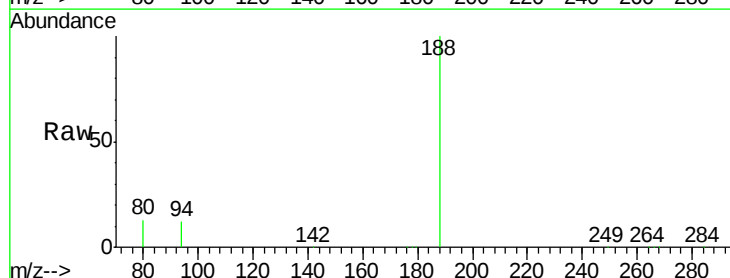
Tgt Ion:188 Resp: 92756

Ion Ratio Lower Upper

188 100

94 11.7 9.3 13.9

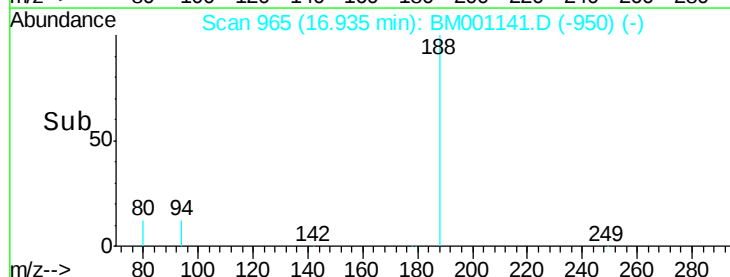
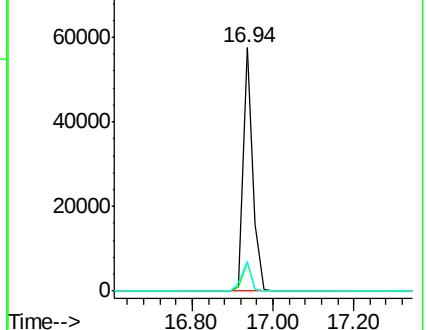
80 12.5 9.8 14.6

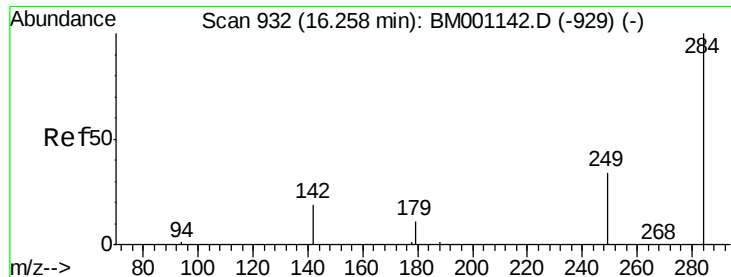


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

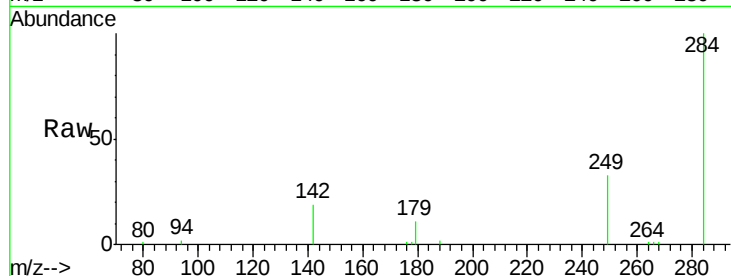




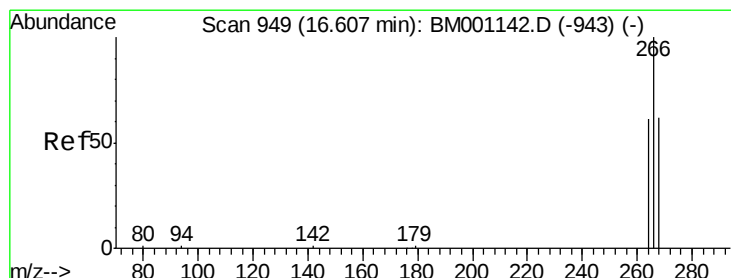
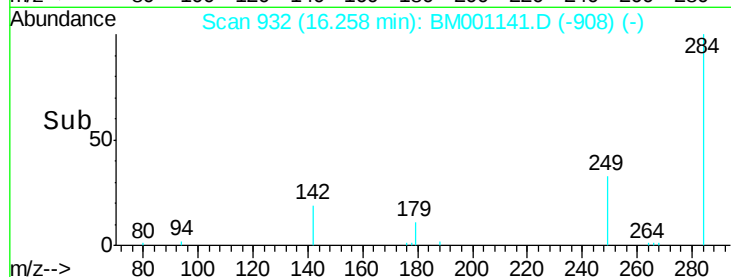
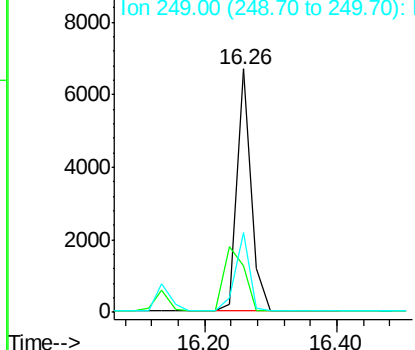
#19
Hexachlorobenzene
Concen: 1.94 ng
RT: 16.26 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Instrument :
BNA_M
ClientSampleId :
SSTDIC002

Tgt Ion: 284 Resp: 9931
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 32.1 26.5 39.7

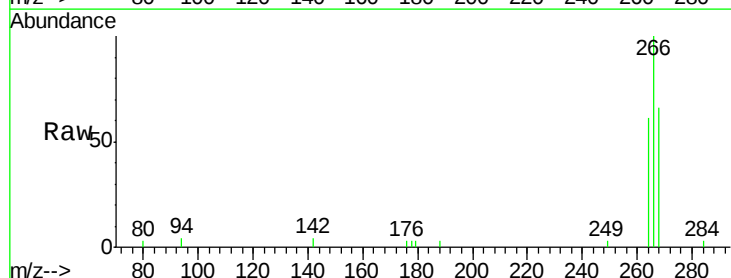


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

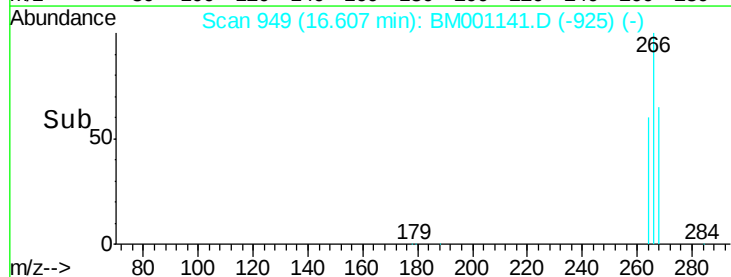
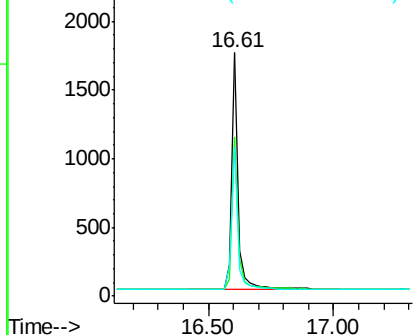


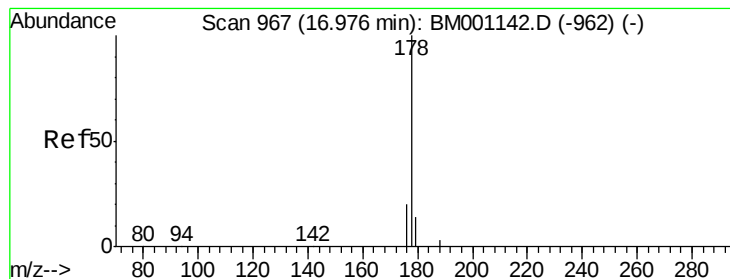
#20
Pentachlorophenol
Concen: 2.12 ng
RT: 16.61 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM001141.D
Acq: 01 May 2015 21:21

Tgt Ion: 266 Resp: 3099
Ion Ratio Lower Upper
266 100
268 65.6 52.6 79.0
264 61.3 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: 1.97 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

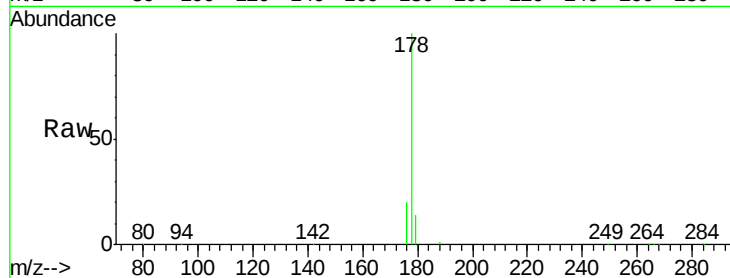
Tgt Ion:178 Resp: 48300

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

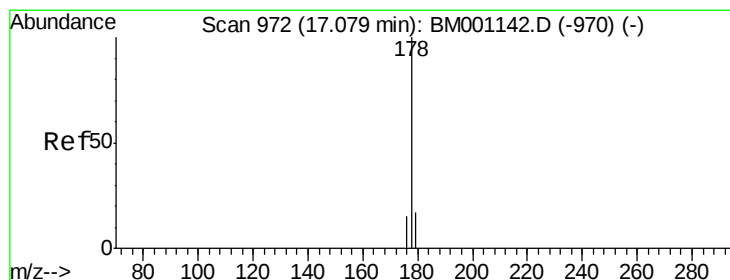
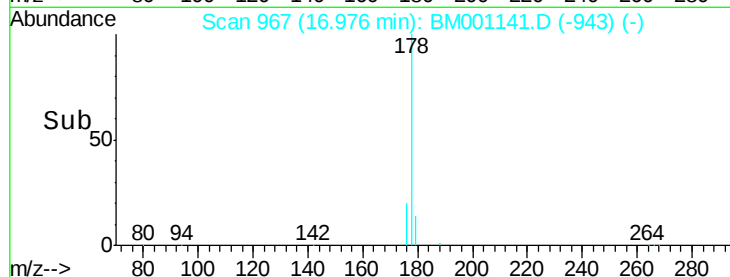
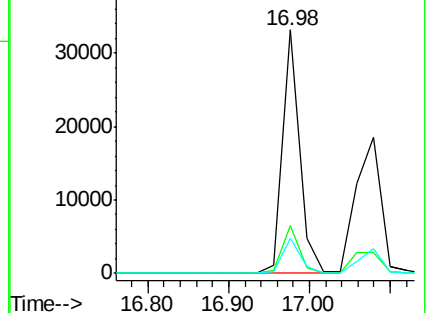
179 14.9 12.0 18.0



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: 1.80 ng

RT: 17.08 min Scan# 972

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

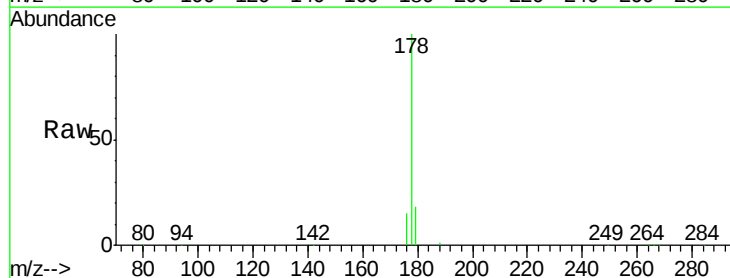
Tgt Ion:178 Resp: 40227

Ion Ratio Lower Upper

178 100

176 17.9 14.3 21.5

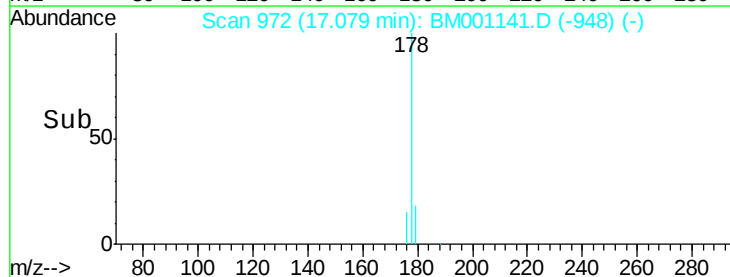
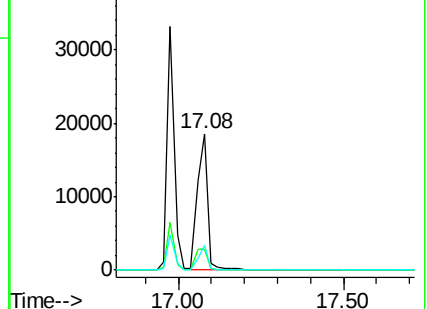
179 15.6 12.2 18.2

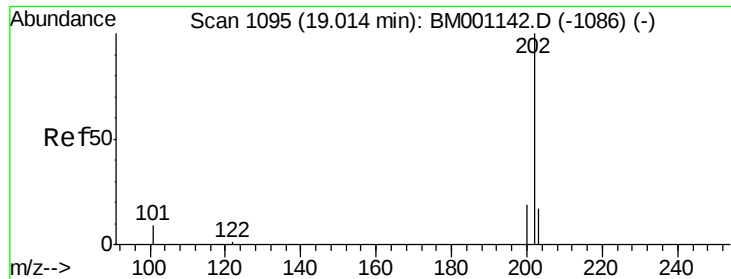


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 1.90 ng

RT: 19.01 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

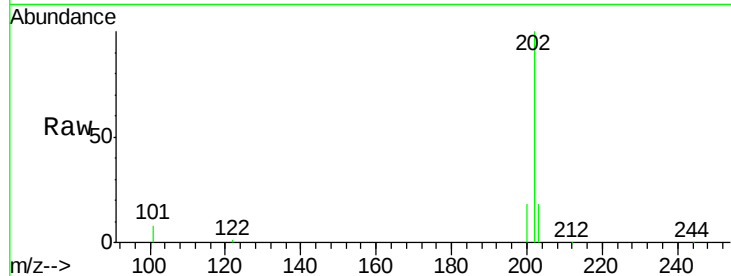
Tgt Ion:202 Resp: 48815

Ion Ratio Lower Upper

202 100

101 11.6 9.3 13.9

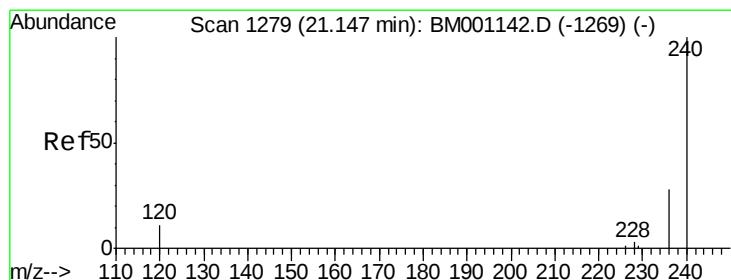
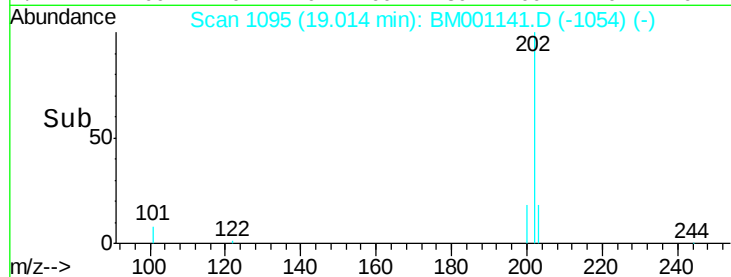
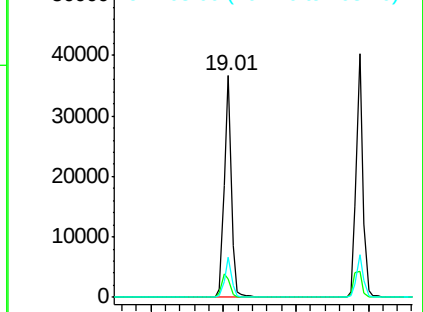
203 17.1 13.7 20.5



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: BM001141.D

Acq: 01 May 2015 21:21

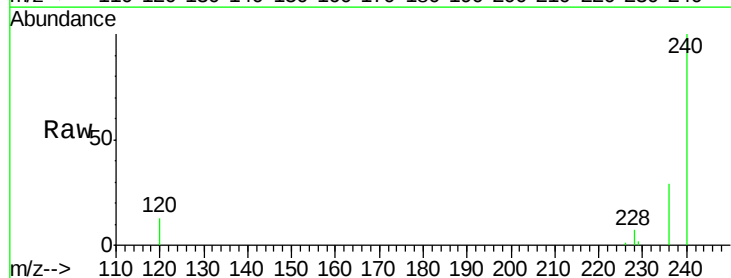
Tgt Ion:240 Resp: 78848

Ion Ratio Lower Upper

240 100

120 13.4 9.2 13.8

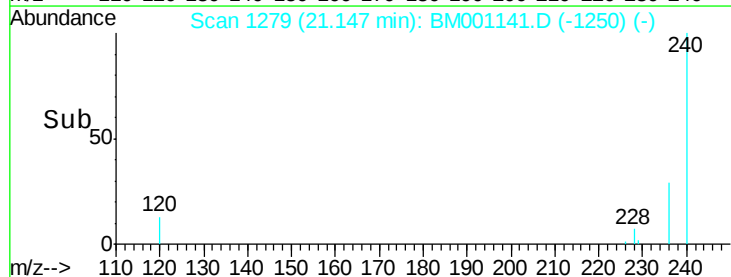
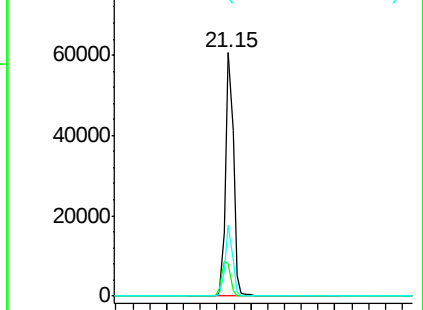
236 29.2 22.4 33.6

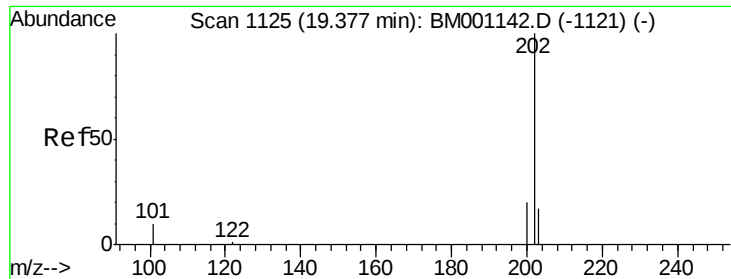


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

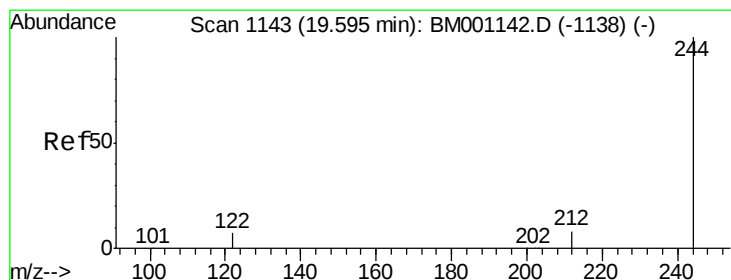
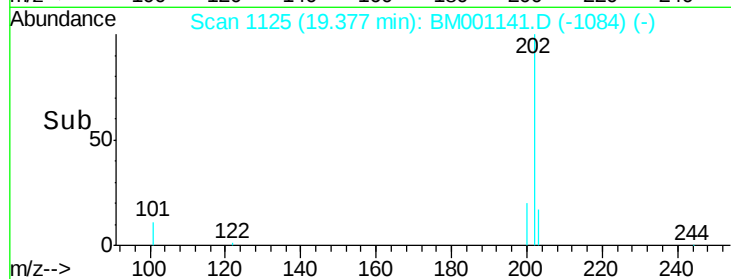
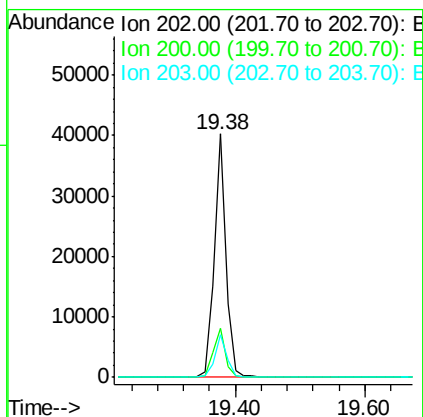
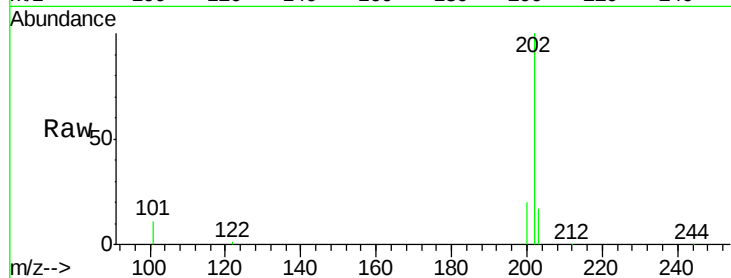




#25
 Pyrene
 Concen: 1.95 ng
 RT: 19.38 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BM001141.D
 Acq: 01 May 2015 21:21

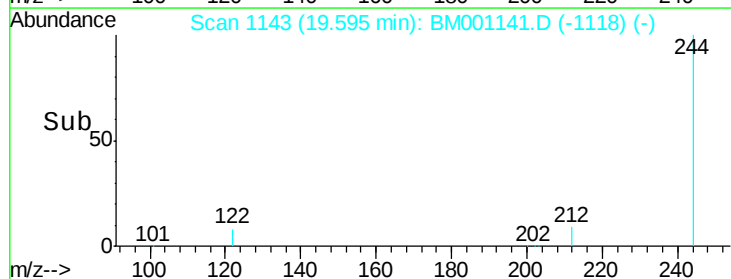
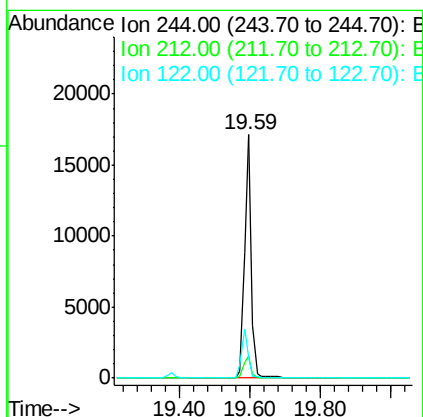
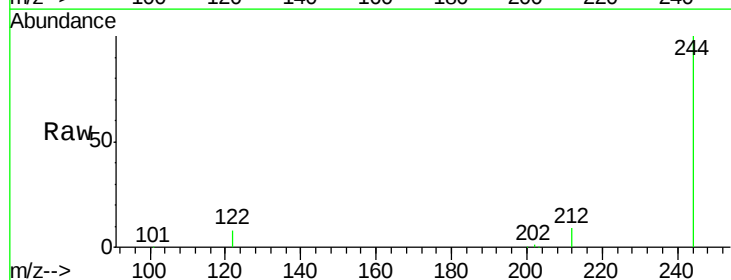
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC002

Tgt Ion:202 Resp: 50973
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.4 24.6
 203 17.4 13.8 20.6



#26
 Terphenyl-d14
 Concen: 2.09 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BM001141.D
 Acq: 01 May 2015 21:21

Tgt Ion:244 Resp: 22370
 Ion Ratio Lower Upper
 244 100
 212 8.9 7.1 10.7
 122 8.5 6.2 9.4





#27

Benzo(a)anthracene

Concen: 1.95 ng

RT: 21.13 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

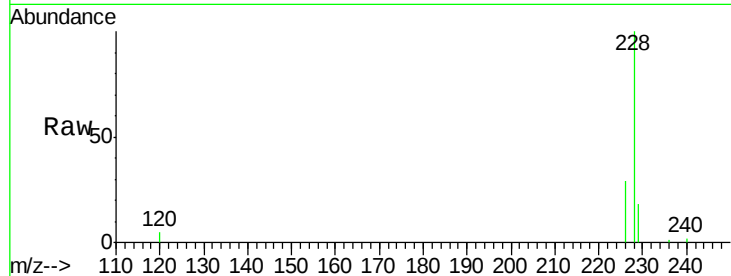
Tgt Ion:228 Resp: 44837

Ion Ratio Lower Upper

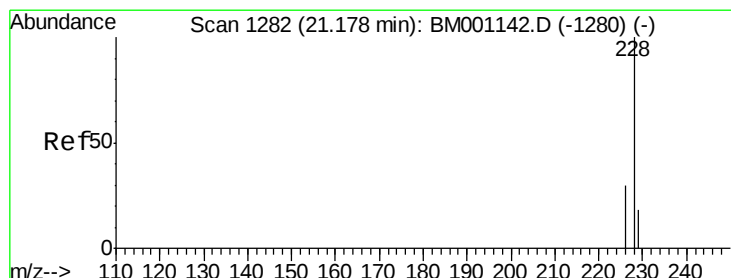
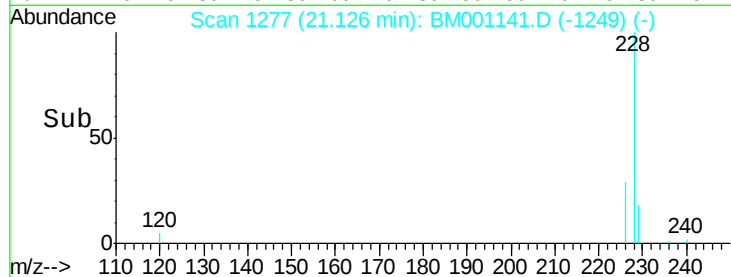
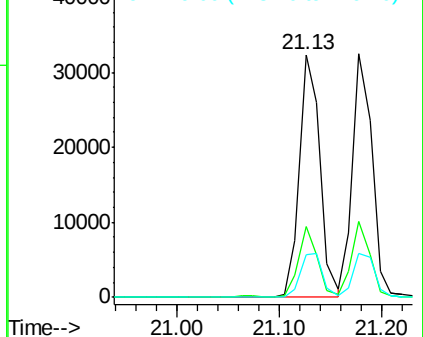
228 100

226 29.0 22.8 34.2

229 17.6 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: 1.84 ng

RT: 21.18 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

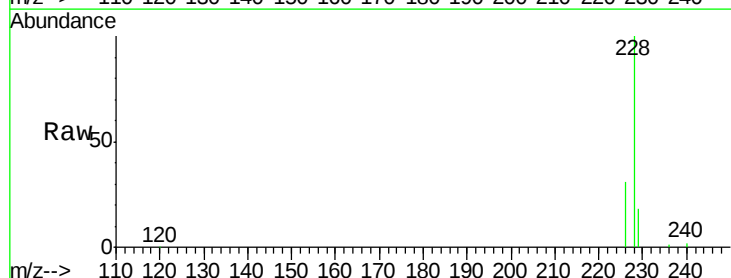
Tgt Ion:228 Resp: 43646

Ion Ratio Lower Upper

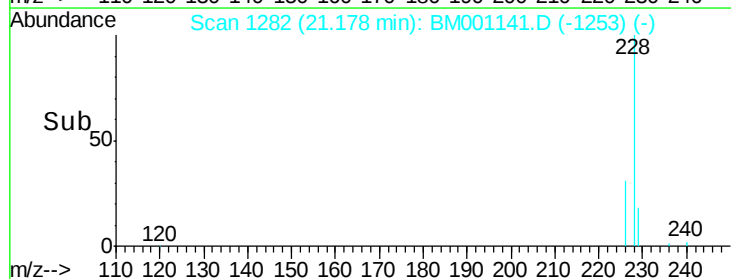
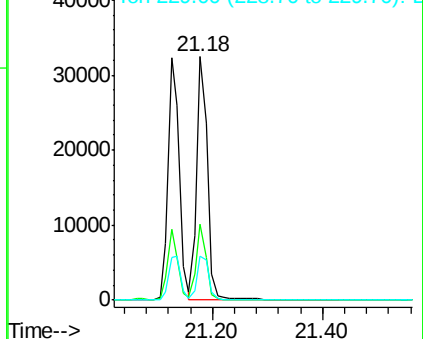
228 100

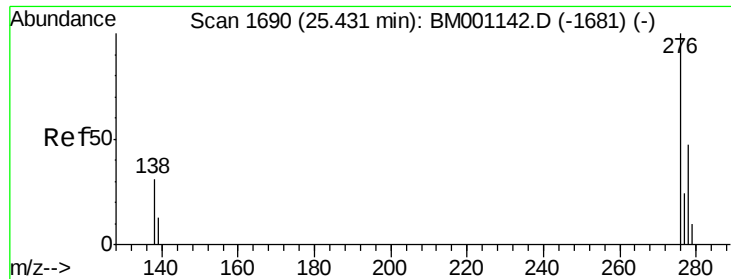
226 30.9 24.4 36.6

229 17.8 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: 1.58 ng

RT: 25.43 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

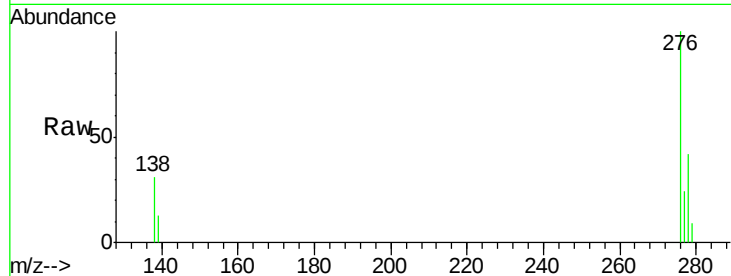
Tgt Ion:276 Resp: 37104

Ion Ratio Lower Upper

276 100

138 30.7 24.2 36.4

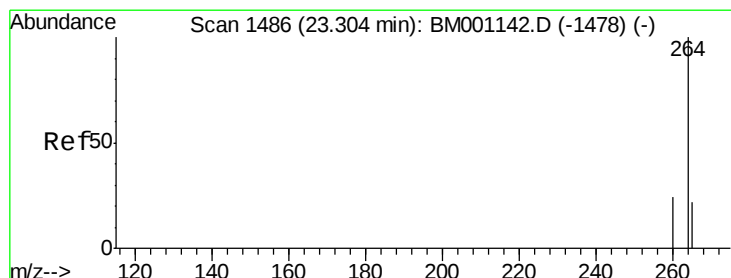
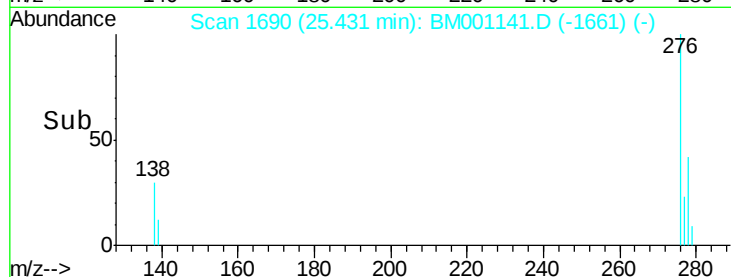
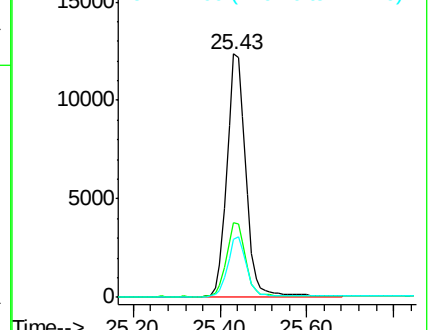
277 24.5 19.8 29.6



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: 23.30 min Scan# 1486

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

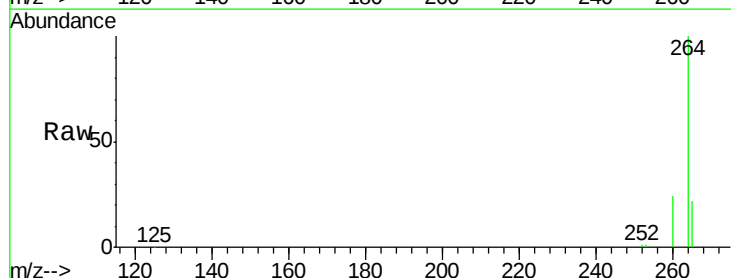
Tgt Ion:264 Resp: 64869

Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

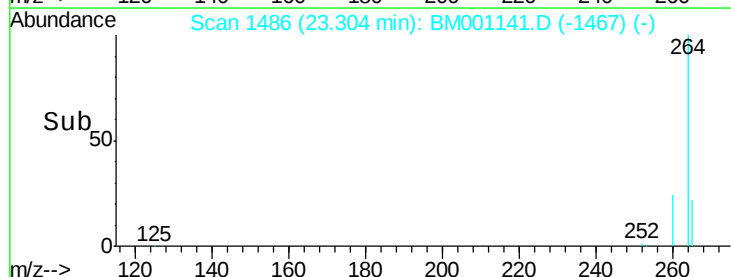
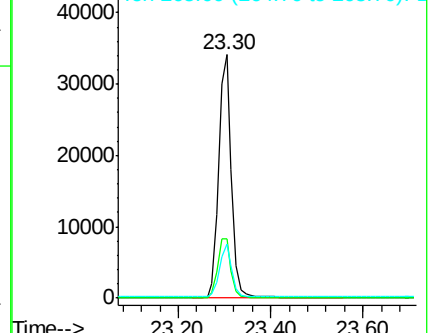
265 22.1 18.1 27.1

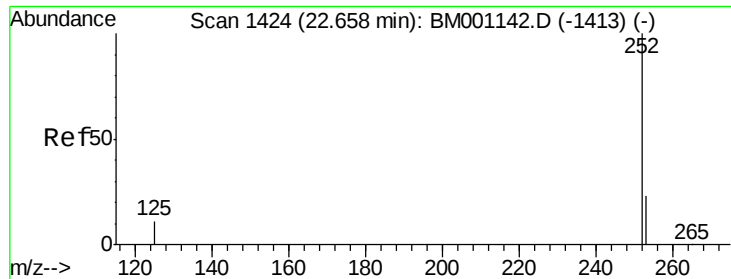


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 2.03 ng

RT: 22.66 min Scan# 1424

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

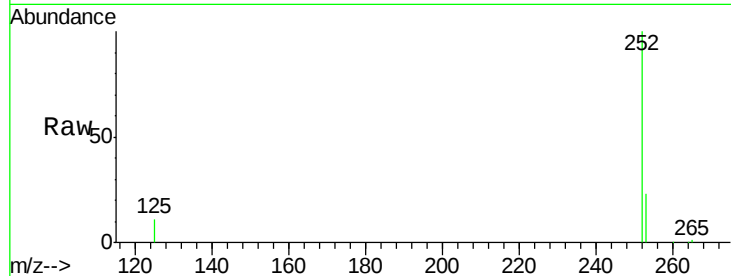
Tgt Ion:252 Resp: 42856

Ion Ratio Lower Upper

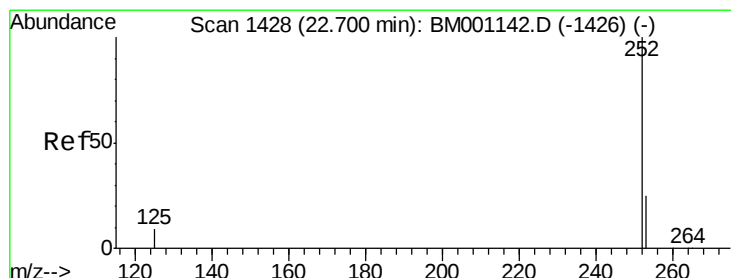
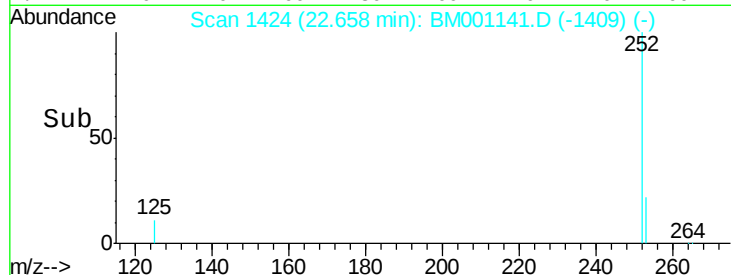
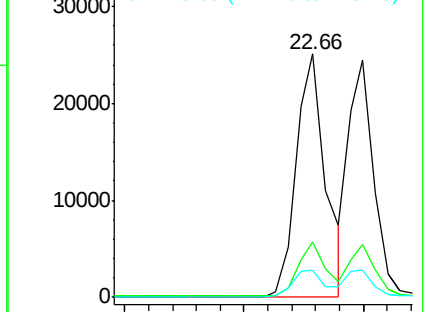
252 100

253 22.7 19.0 28.4

125 11.4 9.1 13.7



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



#32

Benzo(k)fluoranthene

Concen: 1.86 ng

RT: 22.70 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

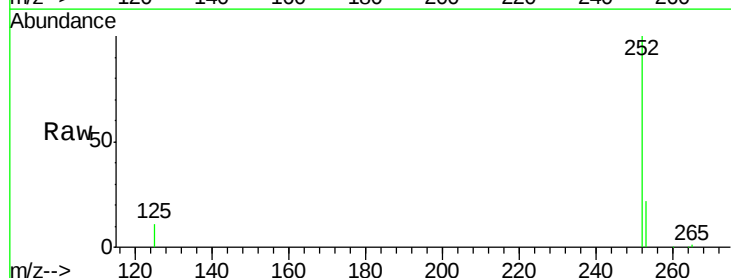
Tgt Ion:252 Resp: 36887

Ion Ratio Lower Upper

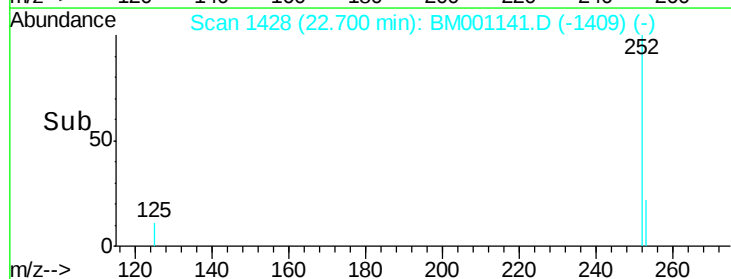
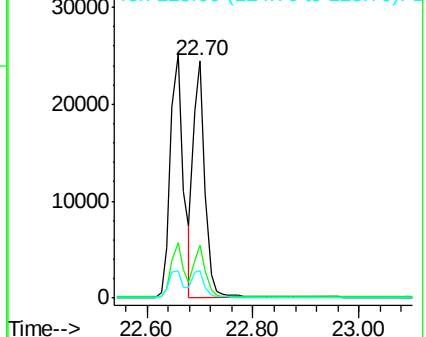
252 100

253 22.5 19.1 28.7

125 11.5 9.3 13.9



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





#33

Benzo(a)pyrene

Concen: 1.92 ng

RT: 23.20 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002

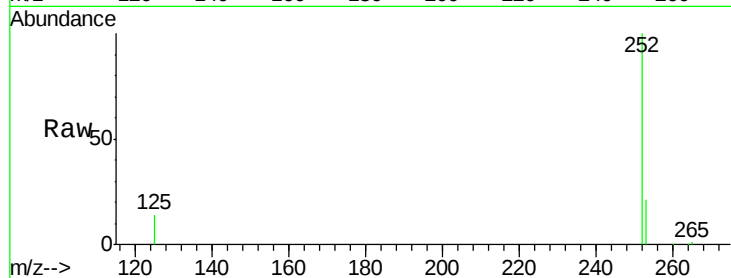
Tgt Ion:252 Resp: 34384

Ion Ratio Lower Upper

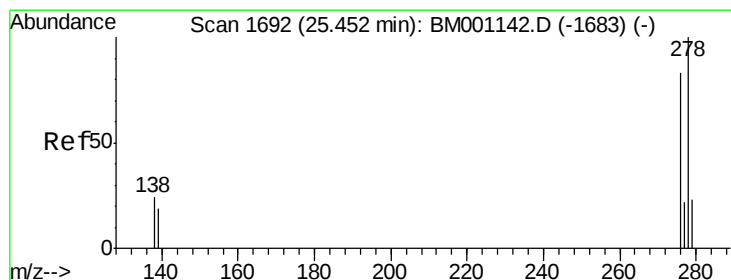
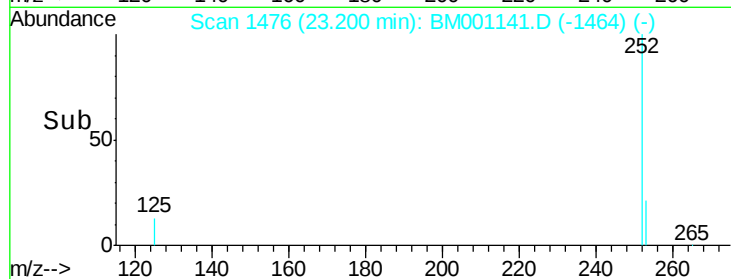
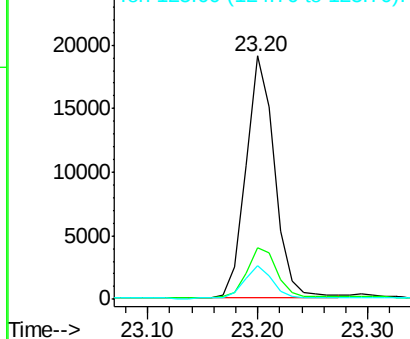
252 100

253 21.4 18.2 27.2

125 13.7 10.6 16.0



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

Dibenzo(a,h)anthracene

Concen: 1.69 ng

RT: 25.45 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BM001141.D

Acq: 01 May 2015 21:21

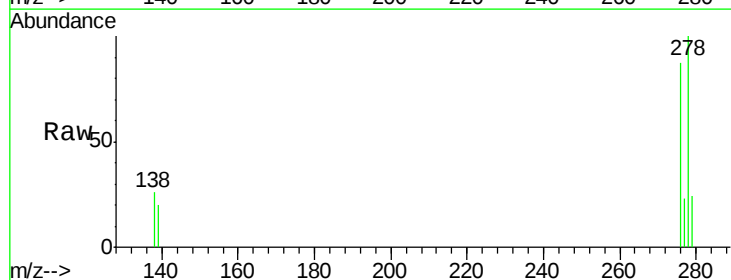
Tgt Ion:278 Resp: 28802

Ion Ratio Lower Upper

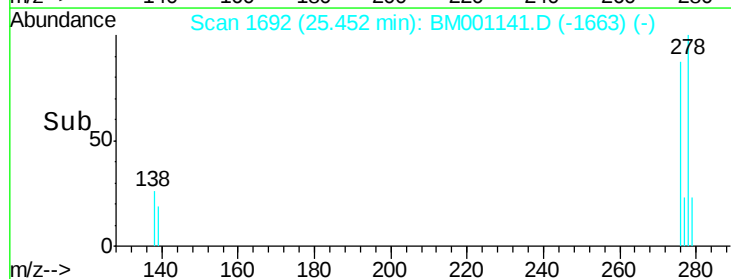
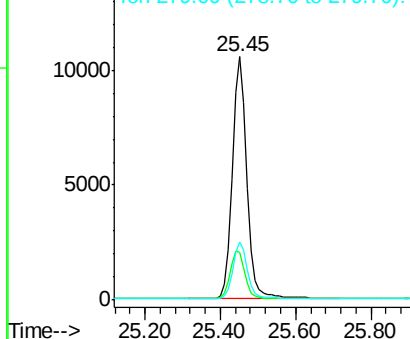
278 100

139 19.9 15.5 23.3

279 23.6 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





#35

Benzo(g,h,i)perylene

Concen: 1.64 ng

RT: 26.09 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BM001141.D

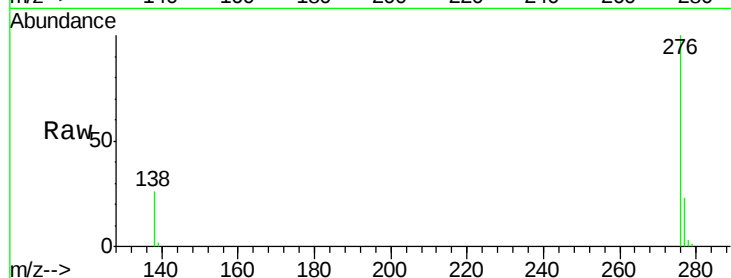
Acq: 01 May 2015 21:21

Instrument :

BNA_M

ClientSampleId :

SSTDICC002



Tgt Ion: 276 Resp: 30003

Ion Ratio Lower Upper

276 100

277 23.5 19.0 28.4

138 26.2 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

