

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050115\
 Data File : BM001144.D
 Acq On : 01 May 2015 23:08
 Operator : TP/IZ
 Sample : SSTDICC0.5
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Quant Time: May 02 01:48:44 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	15776	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	61063	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	34519	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	83515	5.00	ng	0.00
24) Chrysene-d12	21.15	240	73898	5.00	ng	0.00
30) Perylene-d12	23.29	264	65655	5.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.13	112	1533	0.46	ng/uL	0.00
5) Phenol-d6	6.72	99	1815	0.40	ng/uL	0.02
7) Nitrobenzene-d5	8.69	82	1637	0.49	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	1223	0.72	ng/uL	0.00
14) 2-Fluorobiphenyl	12.81	172	5754	0.50	ng	0.00
26) Terphenyl-d14	19.59	244	5041	0.50	ng	0.00

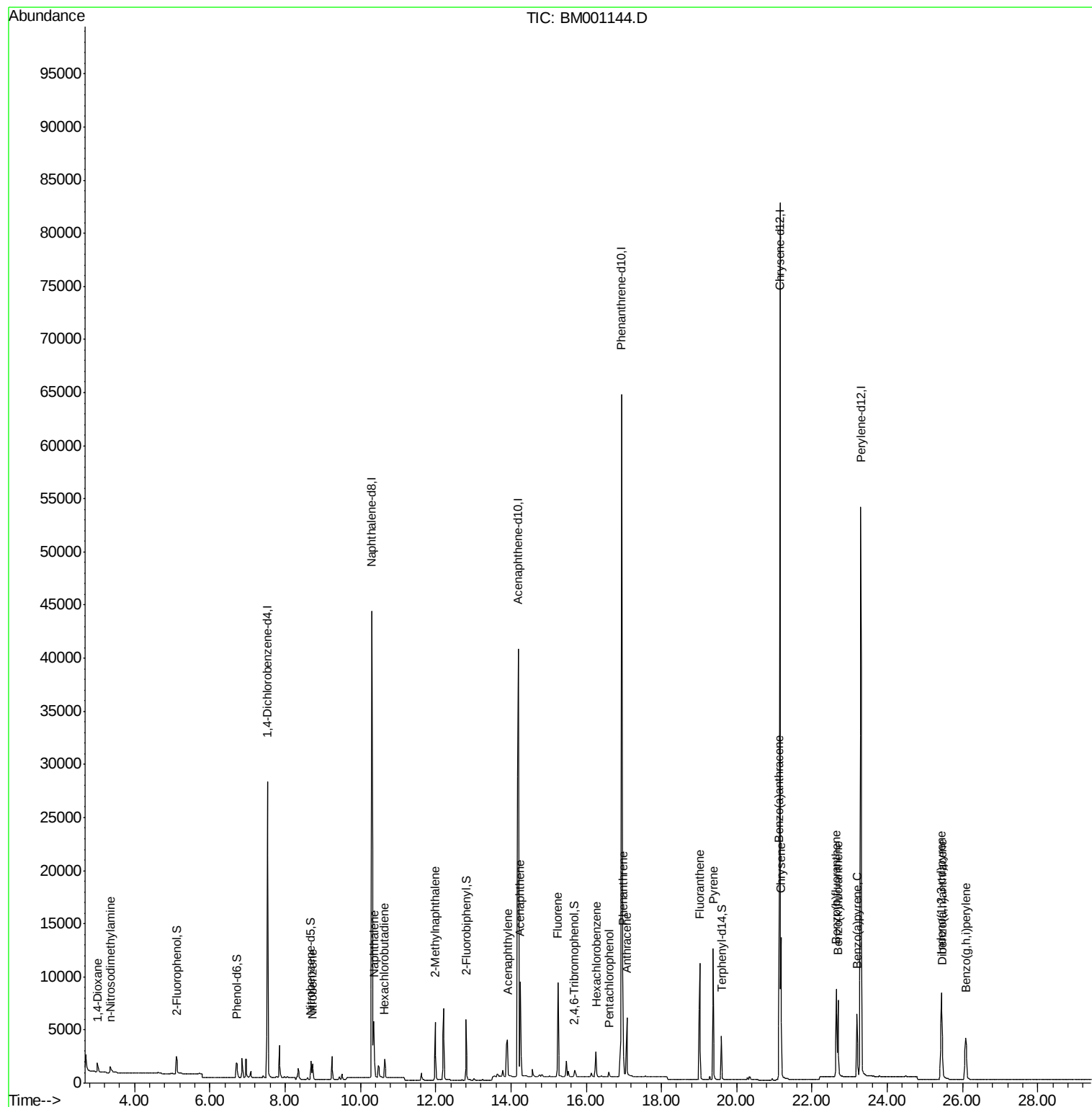
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.03	88	1163	0.67	ng	90
3) n-Nitrosodimethylamine	3.35	42	1001	0.55	ng	# 93
8) Nitrobenzene	8.73	77	1716	0.37	ng/uL	98
9) Naphthalene	10.36	128	6785	0.47	ng	98
10) Hexachlorobutadiene	10.65	225	1322	0.50	ng/uL	98
11) 2-Methylnaphthalene	11.99	142	4602	0.49	ng	99
15) Acenaphthylene	13.91	152	7259	0.47	ng	# 98
16) Acenaphthene	14.24	154	5064	0.48	ng	99
17) Fluorene	15.24	166	5985	0.48	ng	100
19) Hexachlorobenzene	16.26	284	2143	0.46	ng	# 99
20) Pentachlorophenol	16.61	266	401	0.30	ng	96
21) Phenanthrene	16.98	178	10697	0.48	ng	99
22) Anthracene	17.08	178	8649	0.43	ng	100
23) Fluoranthene	19.01	202	10646	0.46	ng	100
25) Pyrene	19.38	202	11582	0.47	ng	100
27) Benzo(a)anthracene	21.13	228	10329	0.48	ng	97
28) Chrysene	21.18	228	10267	0.46	ng	97
29) Indeno(1,2,3-cd)pyrene	25.43	276	9818	0.44	ng	100
31) Benzo(b)fluoranthene	22.65	252	9631	0.45	ng	96
32) Benzo(k)fluoranthene	22.69	252	9692	0.48	ng	97
33) Benzo(a)pyrene	23.20	252	8389	0.46	ng	96
34) Dibenzo(a,h)anthracene	25.45	278	7609	0.44	ng	98
35) Benzo(g,h,i)perylene	26.09	276	8155	0.44	ng	99

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

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Instrument :
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Quant Time: May 02 01:48:44 2015
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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: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

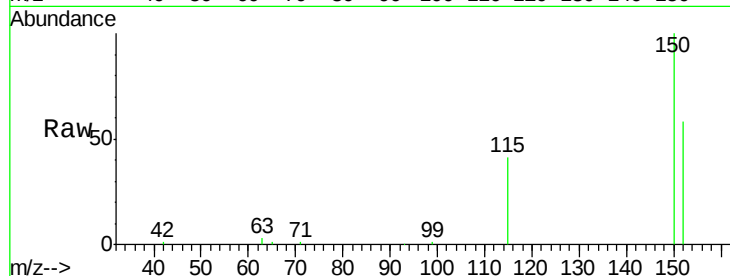
Tgt Ion:152 Resp: 15776

Ion Ratio Lower Upper

152 100

150 173.5 140.1 210.1

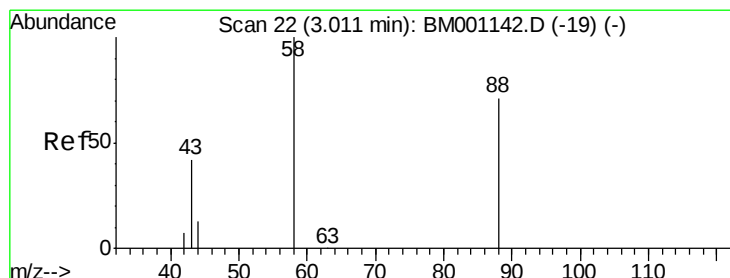
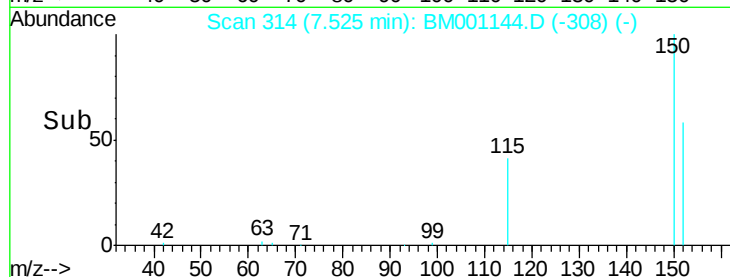
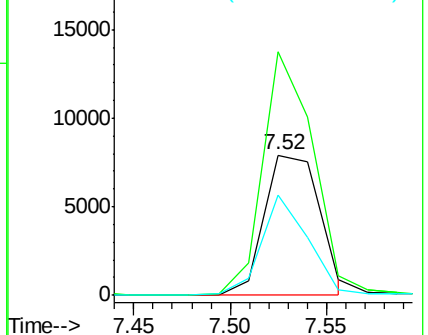
115 71.3 57.8 86.6



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: 0.67 ng

RT: 3.03 min Scan# 23

Delta R.T. 0.02 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

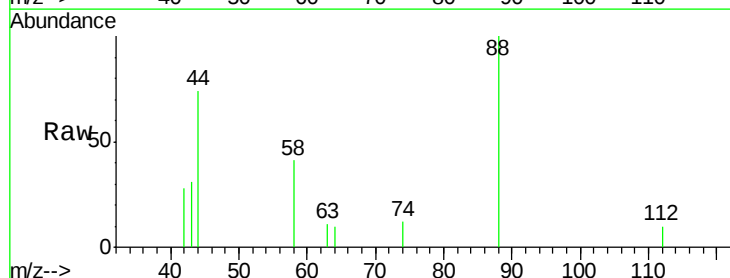
Tgt Ion: 88 Resp: 1163

Ion Ratio Lower Upper

88 100

58 51.1 48.2 72.2

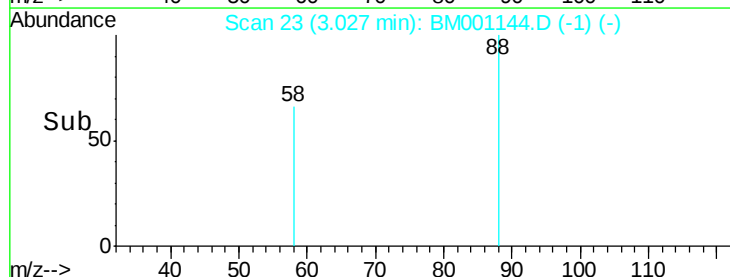
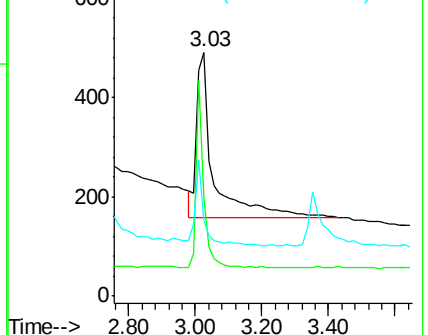
43 27.3 24.8 37.2

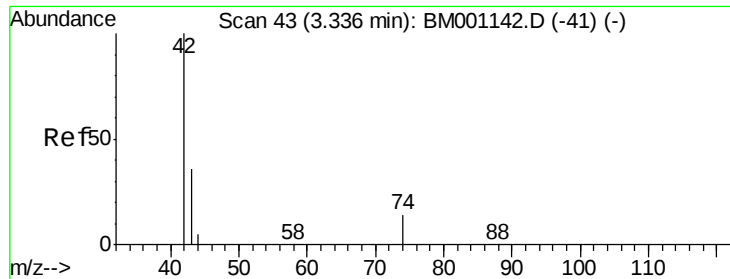


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.55 ng

RT: 3.35 min Scan# 44

Delta R.T. 0.02 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

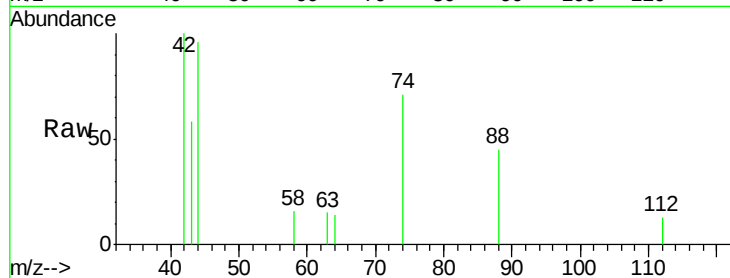
Tgt Ion: 42 Resp: 1001

Ion Ratio Lower Upper

42 100

74 83.9 72.0 108.0

44 10.0 3.7 5.5#



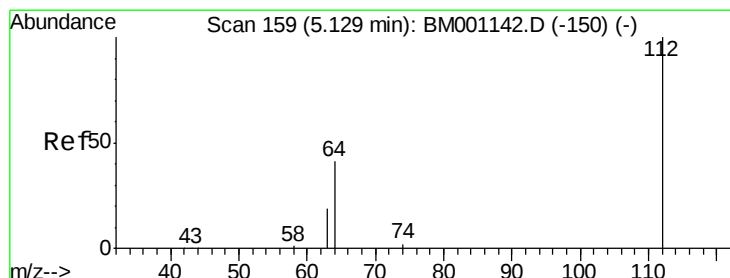
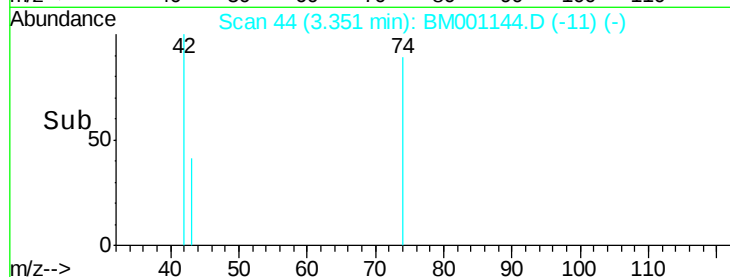
Abundance Ion 42.00 (41.70 to 42.70): BM001142.D (-41) (-)

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

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

3.35

Time-->



#4

2-Fluorophenol

Concen: 0.46 ng/uL

RT: 5.13 min Scan# 159

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

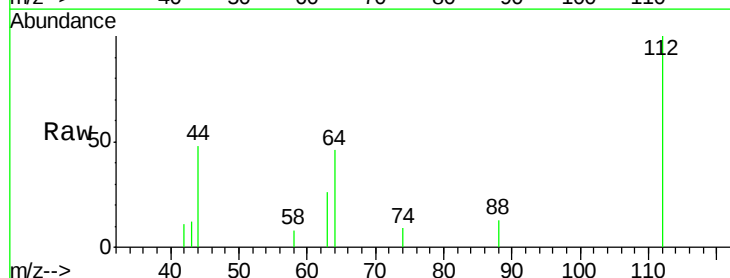
Tgt Ion: 112 Resp: 1533

Ion Ratio Lower Upper

112 100

64 65.3 52.6 79.0

63 37.0 29.5 44.3



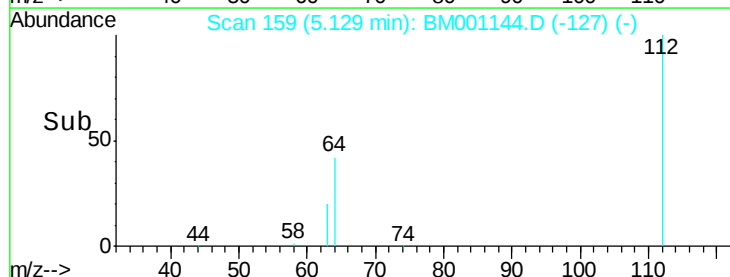
Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

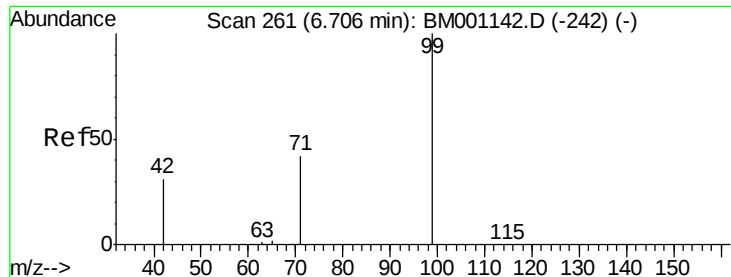
Ion 64.00 (63.70 to 64.70): BM001142.D (-150) (-)

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

5.13

Time-->





#5

Phenol-d6

Concen: 0.40 ng/uL

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

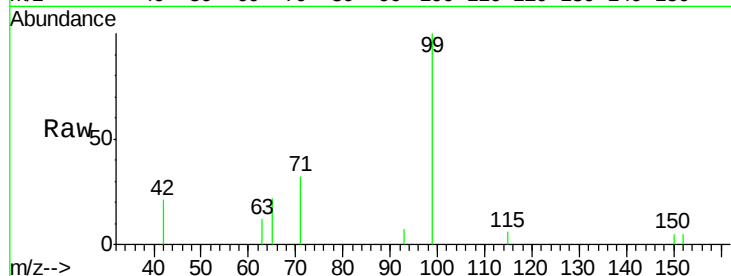
Tgt Ion: 99 Resp: 1815

Ion Ratio Lower Upper

99 100

42 26.5 20.9 31.3

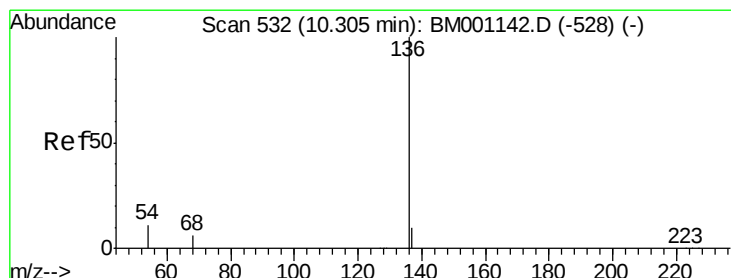
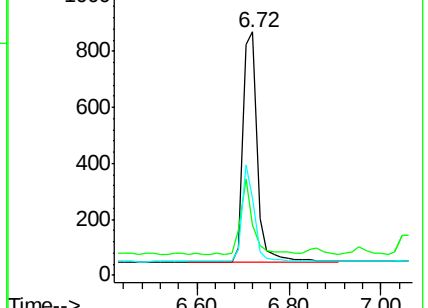
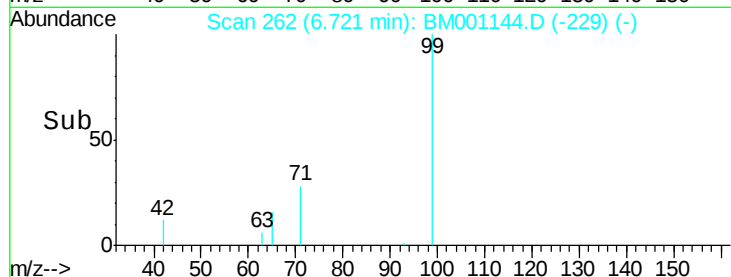
71 35.4 28.5 42.7



Abundance Ion 99.00 (98.70 to 99.70): BM001142.D (-242) (-)

Ion 42.00 (41.70 to 42.70): BM001142.D (-242) (-)

Ion 71.00 (70.70 to 71.70): BM001142.D (-242) (-)



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

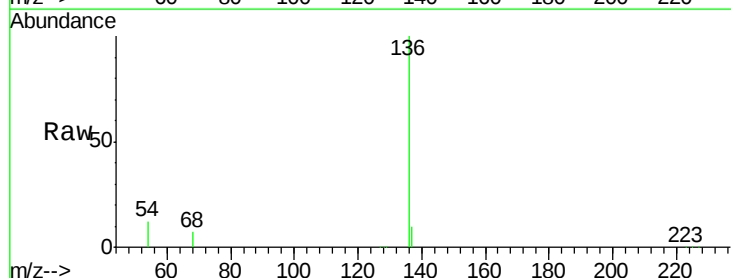
Tgt Ion: 136 Resp: 61063

Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.4

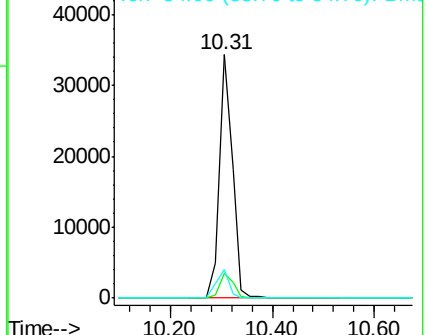
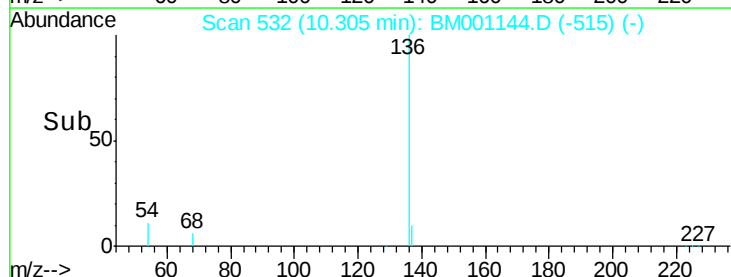
54 11.6 9.0 13.4

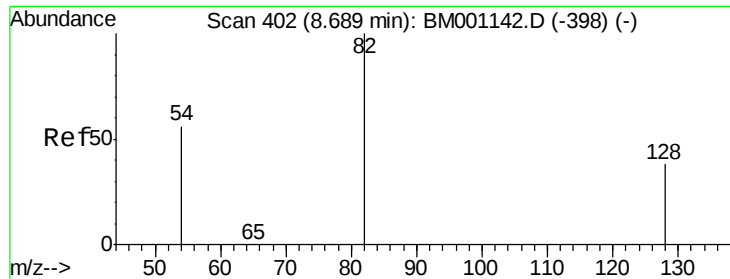


Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

Ion 137.00 (136.70 to 137.70): BM001142.D (-528) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-528) (-)





#7

Nitrobenzene-d5

Concen: 0.49 ng

RT: 8.69 min Scan# 402

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

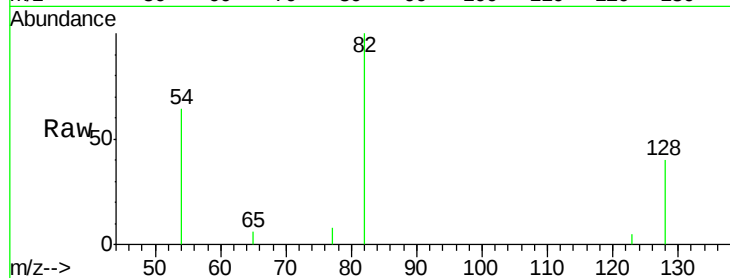
Tgt Ion: 82 Resp: 1637

Ion Ratio Lower Upper

82 100

128 40.4 31.9 47.9

54 64.1 46.2 69.2

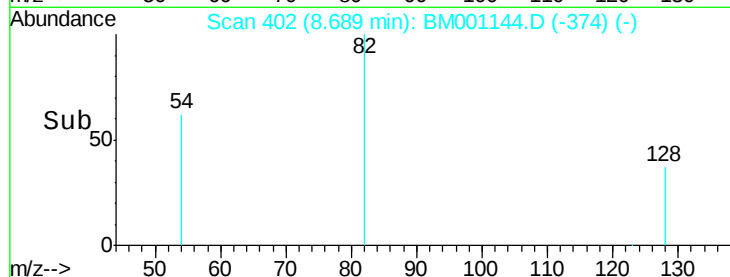


Abundance Ion 82.00 (81.70 to 82.70): BM001144.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001144.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001144.D (-398) (-)

Time-->

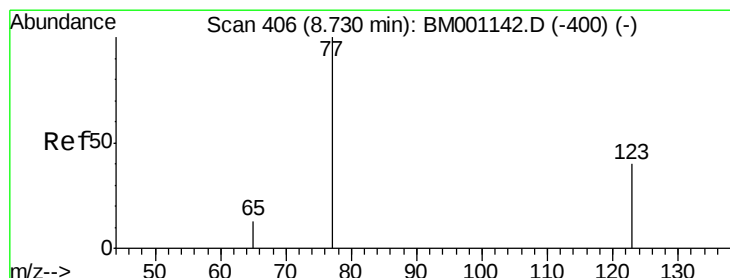


Abundance Ion 82.00 (81.70 to 82.70): BM001144.D (-374) (-)

Ion 128.00 (127.70 to 128.70): BM001144.D (-374) (-)

Ion 54.00 (53.70 to 54.70): BM001144.D (-374) (-)

Time-->



#8

Nitrobenzene

Concen: 0.37 ng/uL

RT: 8.73 min Scan# 406

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

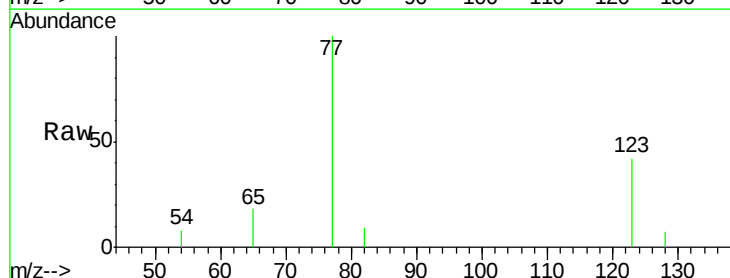
Tgt Ion: 77 Resp: 1716

Ion Ratio Lower Upper

77 100

123 40.3 31.0 46.6

65 13.9 10.6 15.8

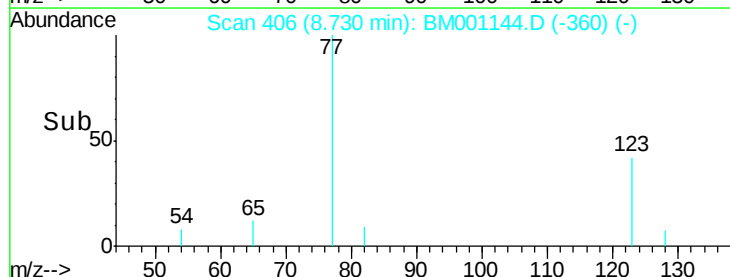


Abundance Ion 77.00 (76.70 to 77.70): BM001144.D (-400) (-)

Ion 123.00 (122.70 to 123.70): BM001144.D (-400) (-)

Ion 65.00 (64.70 to 65.70): BM001144.D (-400) (-)

Time-->

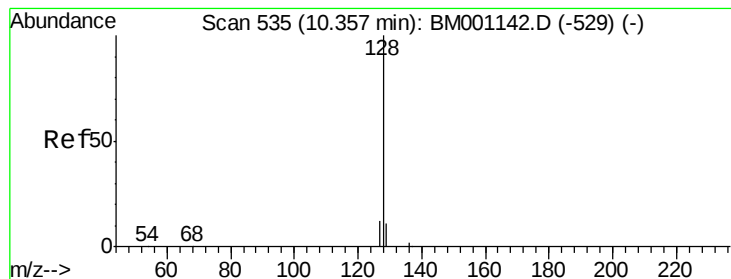


Abundance Ion 77.00 (76.70 to 77.70): BM001144.D (-360) (-)

Ion 123.00 (122.70 to 123.70): BM001144.D (-360) (-)

Ion 65.00 (64.70 to 65.70): BM001144.D (-360) (-)

Time-->



#9

Naphthalene

Concen: 0.47 ng

RT: 10.36 min Scan# 535

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

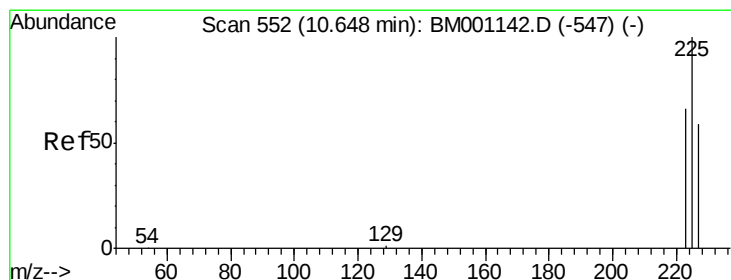
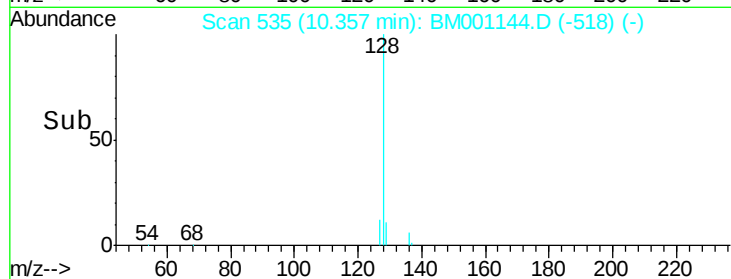
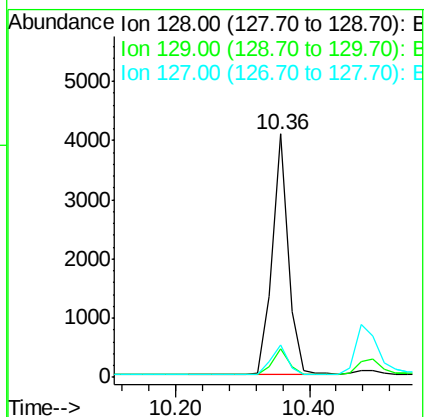
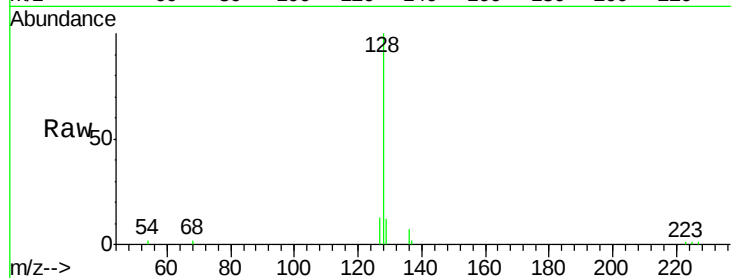
Tgt Ion:128 Resp: 6785

Ion Ratio Lower Upper

128 100

129 11.8 9.0 13.6

127 13.5 10.0 15.0



#10

Hexachlorobutadiene

Concen: 0.50 ng/uL

RT: 10.65 min Scan# 552

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

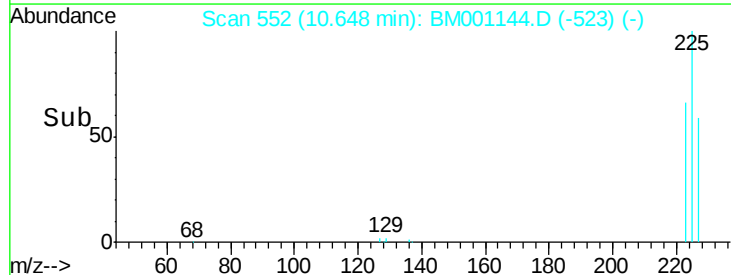
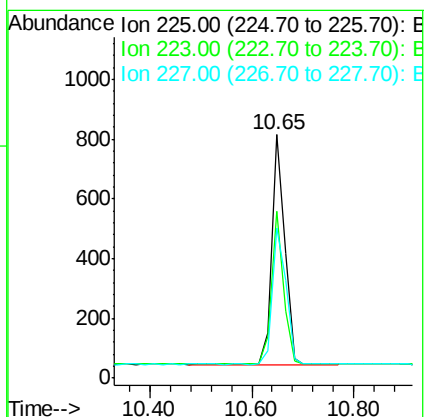
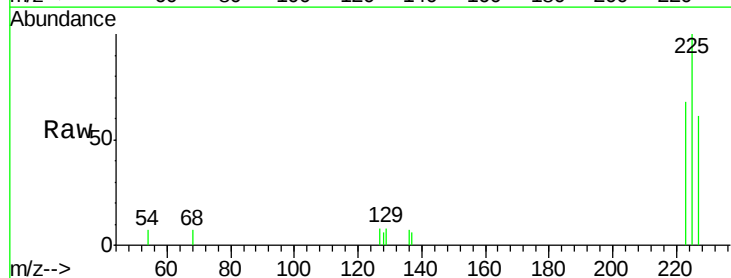
Tgt Ion:225 Resp: 1322

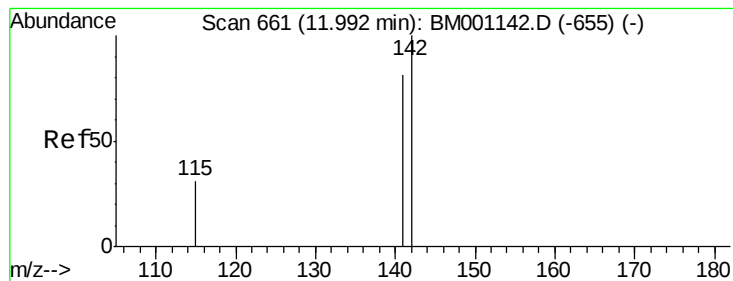
Ion Ratio Lower Upper

225 100

223 61.2 50.8 76.2

227 63.2 51.0 76.4





#11

2-Methylnaphthalene

Concen: 0.49 ng

RT: 11.99 min Scan# 661

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

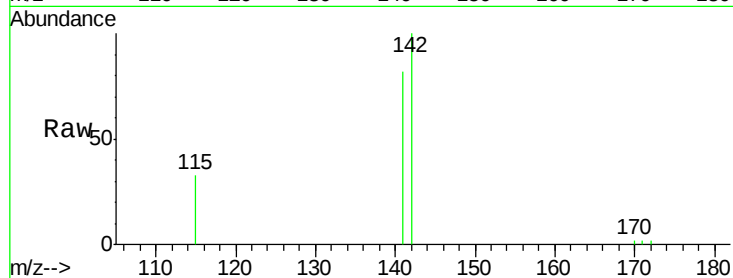
Tgt Ion:142 Resp: 4602

Ion Ratio Lower Upper

142 100

141 81.6 65.1 97.7

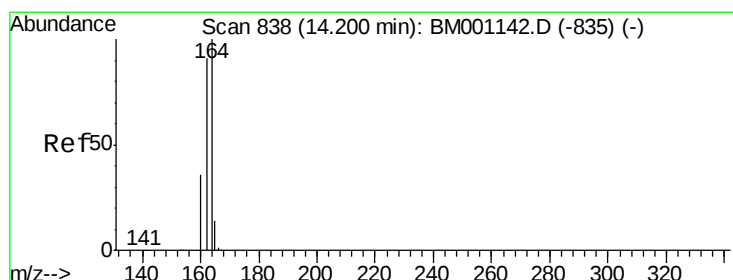
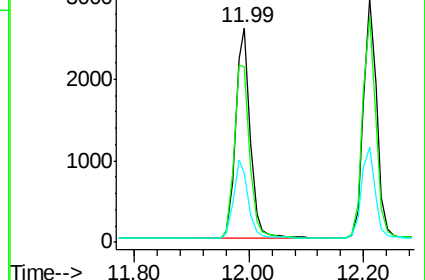
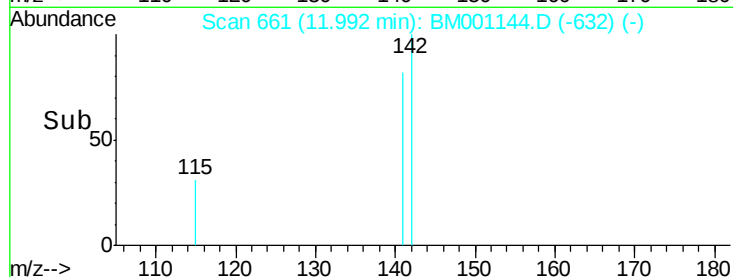
115 32.6 25.1 37.7



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: BM001144.D

Acq: 01 May 2015 23:08

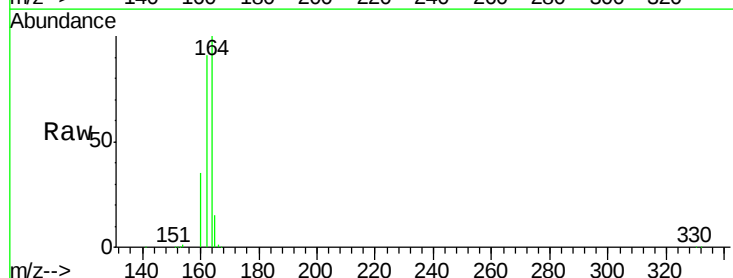
Tgt Ion:164 Resp: 34519

Ion Ratio Lower Upper

164 100

162 90.7 72.7 109.1

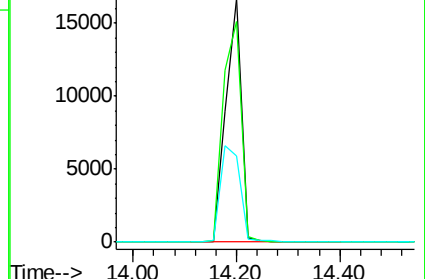
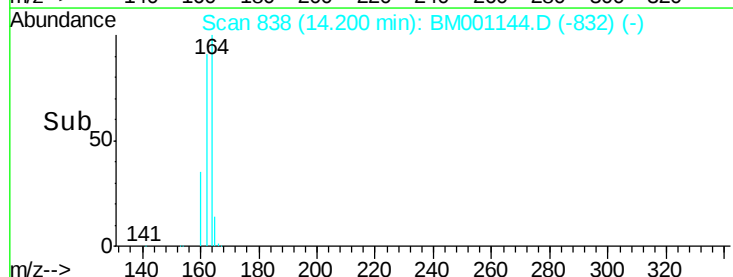
160 35.4 28.7 43.1

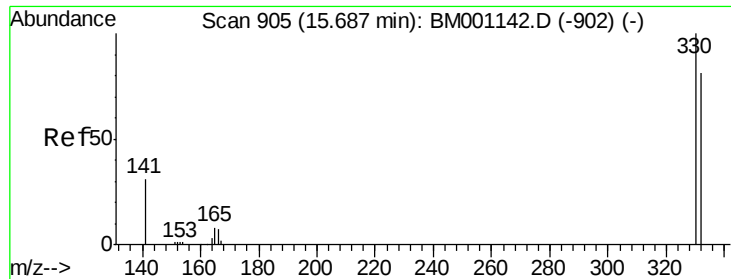


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

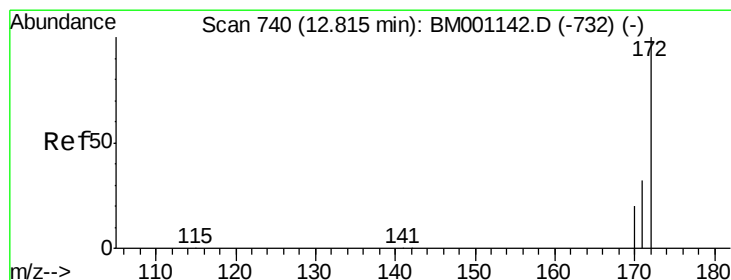
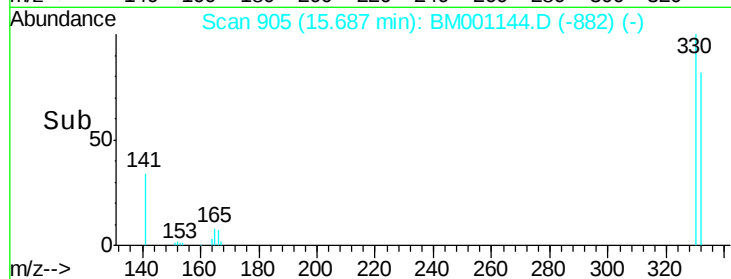
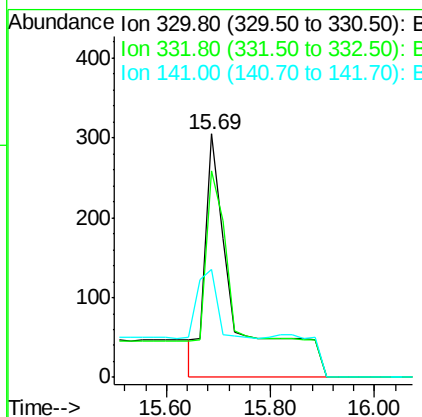
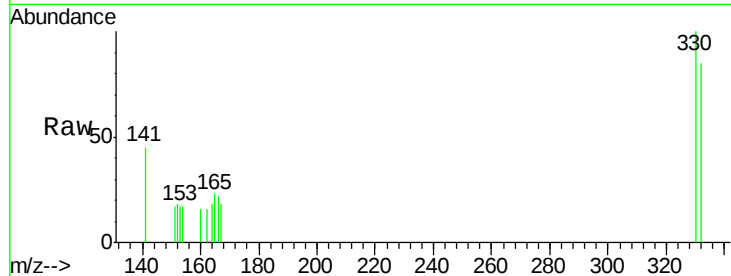




#13
 2,4,6-Tribromophenol
 Concen: 0.72 ng/uL
 RT: 15.69 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BM001144.D
 Acq: 01 May 2015 23:08

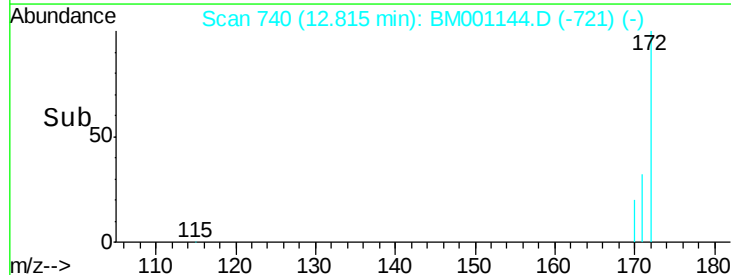
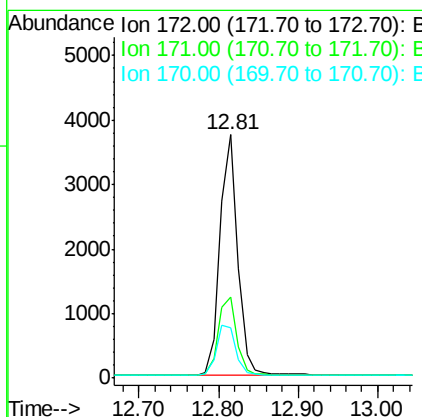
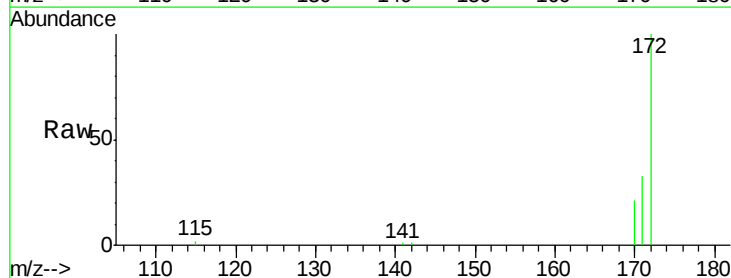
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

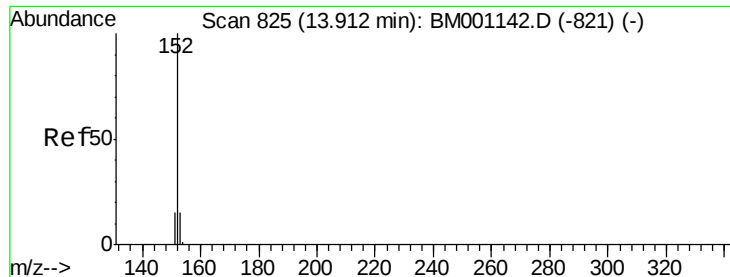
Tgt Ion:330 Resp: 1223
 Ion Ratio Lower Upper
 330 100
 332 97.3 74.5 111.7
 141 18.6 21.0 31.4#



#14
 2-Fluorobiphenyl
 Concen: 0.50 ng
 RT: 12.81 min Scan# 740
 Delta R.T. -0.00 min
 Lab File: BM001144.D
 Acq: 01 May 2015 23:08

Tgt Ion:172 Resp: 5754
 Ion Ratio Lower Upper
 172 100
 171 33.1 25.8 38.6
 170 20.9 16.1 24.1





#15

Acenaphthylene

Concen: 0.47 ng

RT: 13.91 min Scan# 825

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

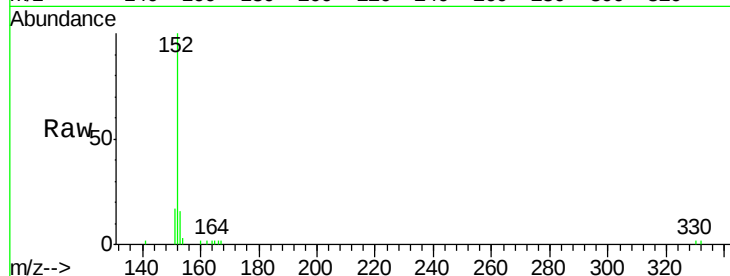
Tgt Ion:152 Resp: 7259

Ion Ratio Lower Upper

152 100

151 0.0 0.0 0.0

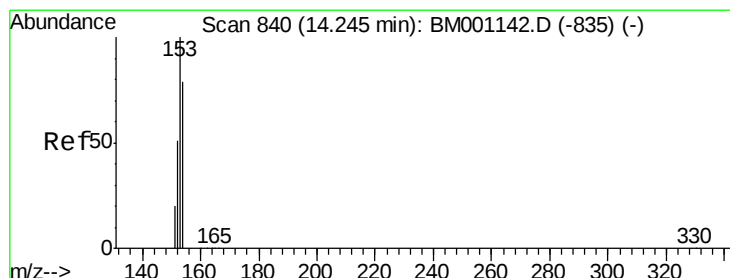
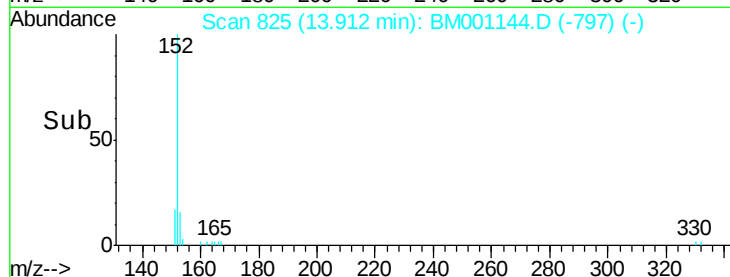
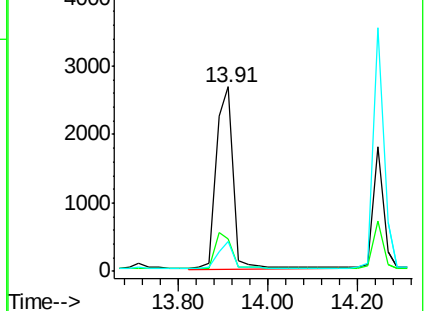
153 12.3 10.3 15.5



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: 0.48 ng

RT: 14.24 min Scan# 840

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

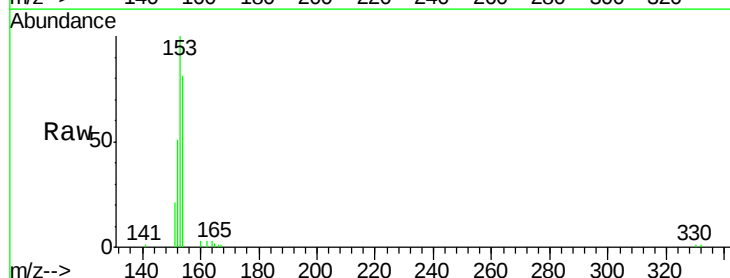
Tgt Ion:154 Resp: 5064

Ion Ratio Lower Upper

154 100

153 112.7 90.6 136.0

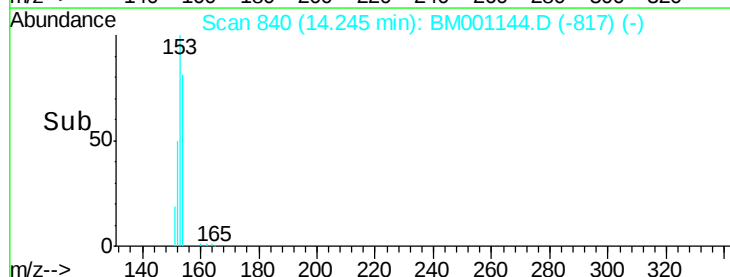
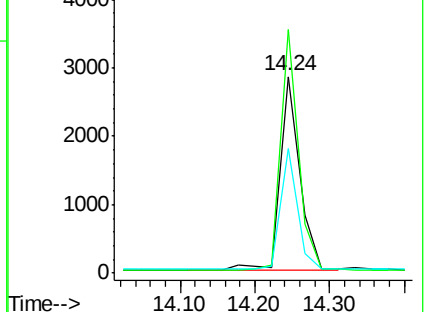
152 55.6 45.0 67.4

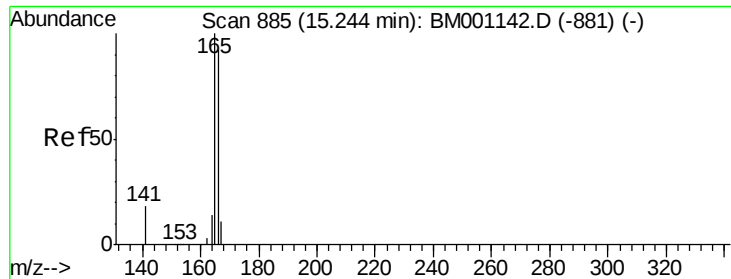


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

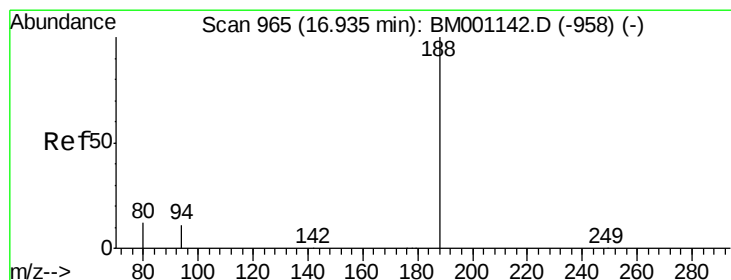
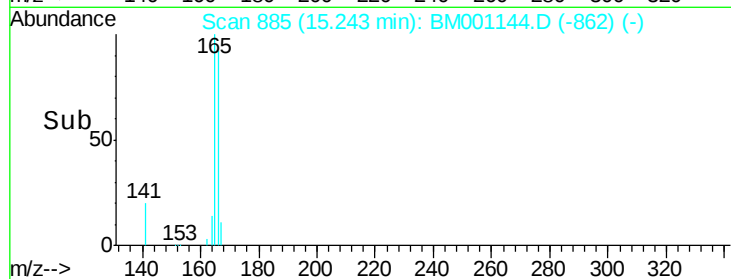
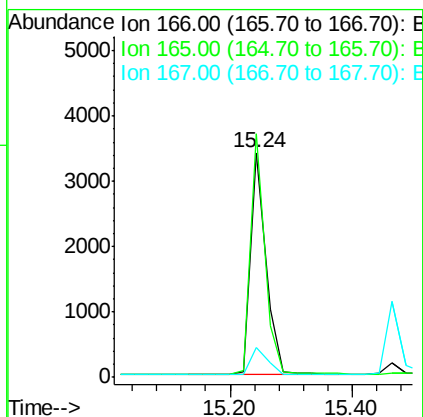
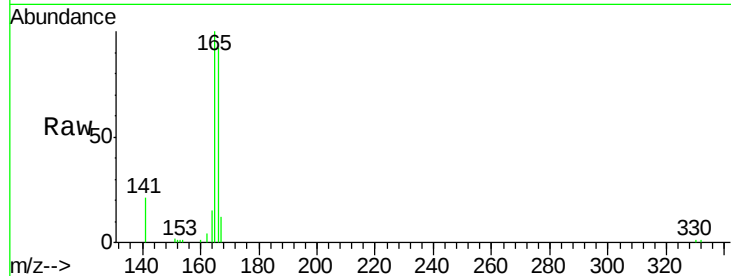




#17
Fluorene
 Concen: 0.48 ng
 RT: 15.24 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: BM001144.D
 Acq: 01 May 2015 23:08

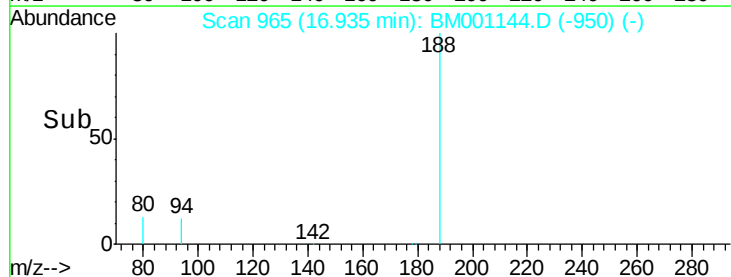
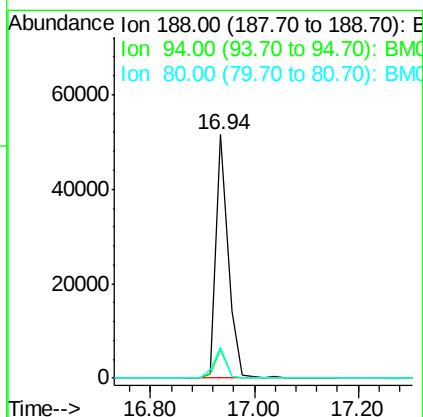
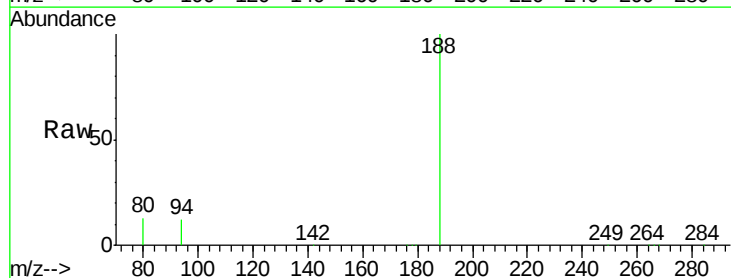
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

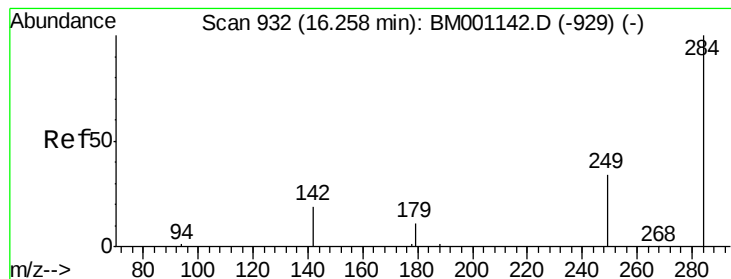
Tgt Ion:166 Resp: 5985
 Ion Ratio Lower Upper
 166 100
 165 101.2 81.0 121.6
 167 12.9 10.4 15.6



#18
Phenanthrene-d10
 Concen: 5.00 ng
 RT: 16.94 min Scan# 965
 Delta R.T. -0.00 min
 Lab File: BM001144.D
 Acq: 01 May 2015 23:08

Tgt Ion:188 Resp: 83515
 Ion Ratio Lower Upper
 188 100
 94 11.7 9.3 13.9
 80 12.6 9.8 14.6

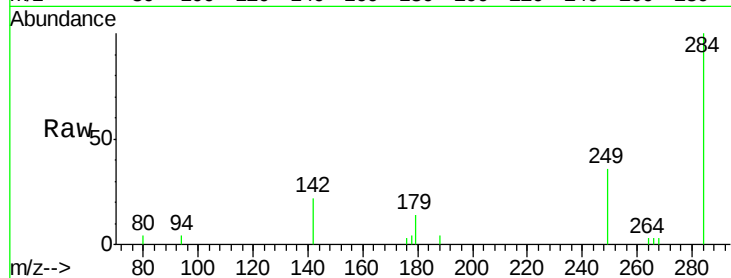




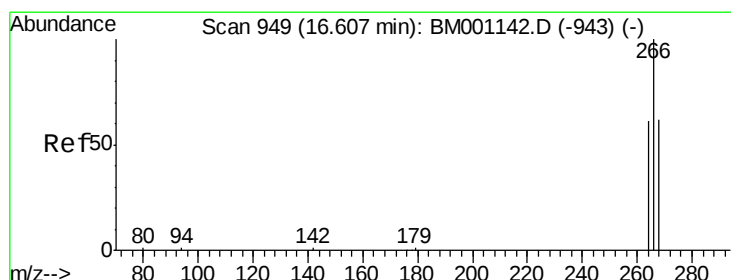
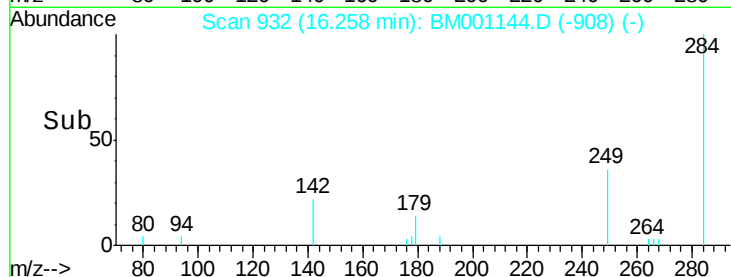
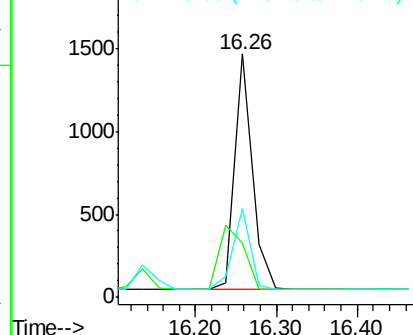
#19
Hexachlorobenzene
Concen: 0.46 ng
RT: 16.26 min Scan# 932
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Instrument :
BNA_M
ClientSampleId :
SSTDIC0.5

Tgt Ion: 284 Resp: 2143
Ion Ratio Lower Upper
284 100
142 0.0 0.0 0.0
249 33.8 26.5 39.7

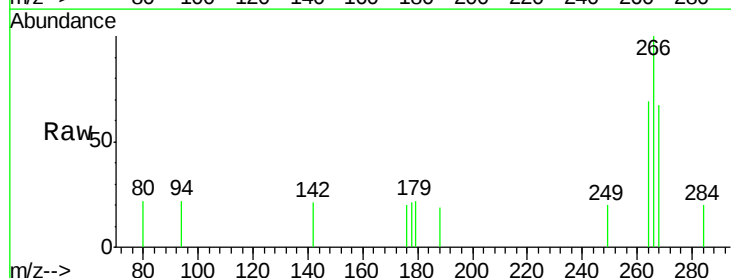


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

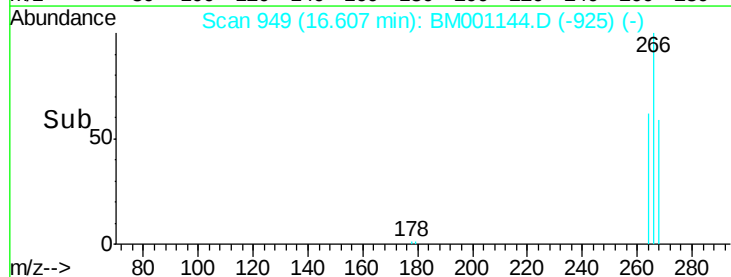
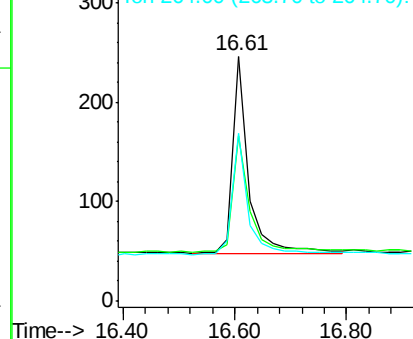


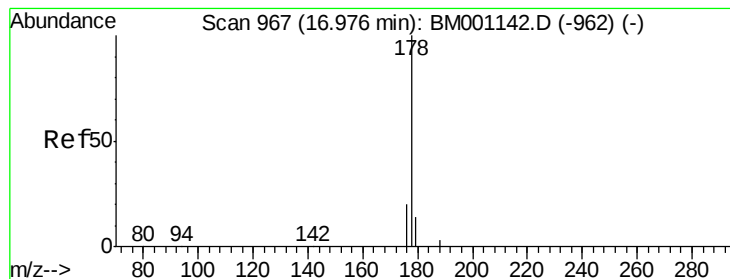
#20
Pentachlorophenol
Concen: 0.30 ng
RT: 16.61 min Scan# 949
Delta R.T. -0.00 min
Lab File: BM001144.D
Acq: 01 May 2015 23:08

Tgt Ion: 266 Resp: 401
Ion Ratio Lower Upper
266 100
268 67.5 52.6 79.0
264 68.7 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: 0.48 ng

RT: 16.98 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

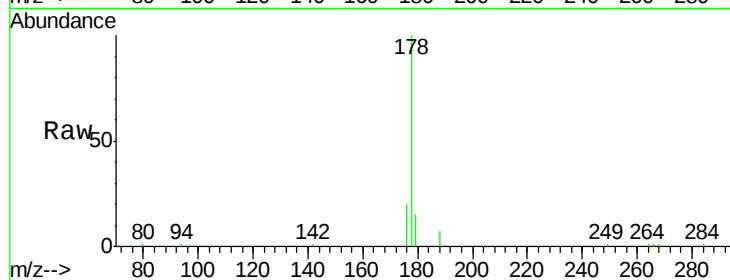
Tgt Ion:178 Resp: 10697

Ion Ratio Lower Upper

178 100

176 19.0 15.5 23.3

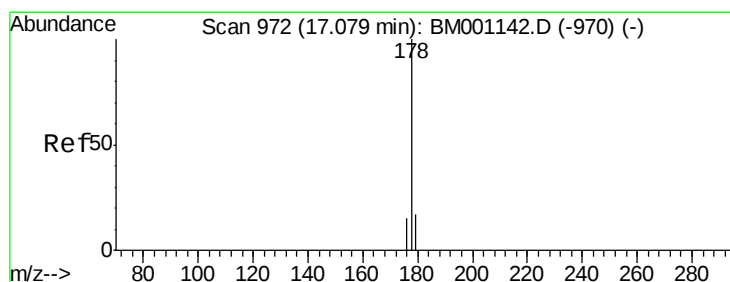
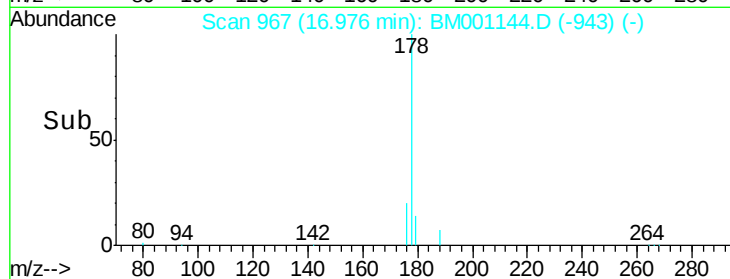
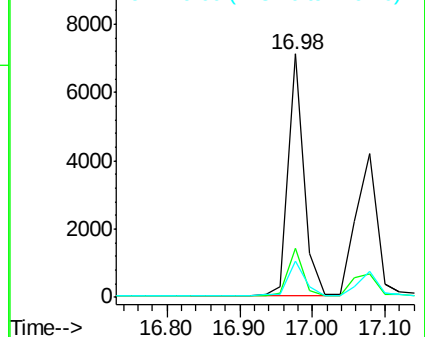
179 15.7 12.0 18.0



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: 0.43 ng

RT: 17.08 min Scan# 972

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

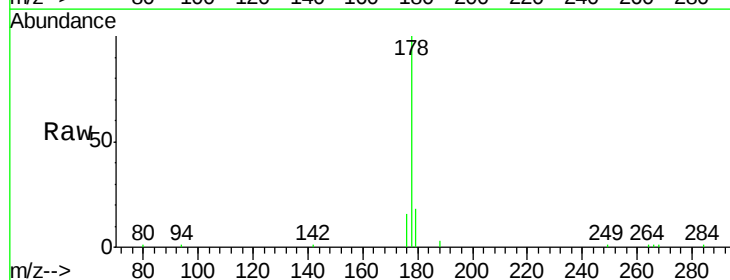
Tgt Ion:178 Resp: 8649

Ion Ratio Lower Upper

178 100

176 18.1 14.3 21.5

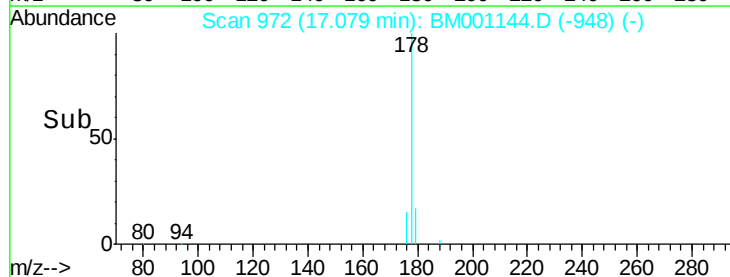
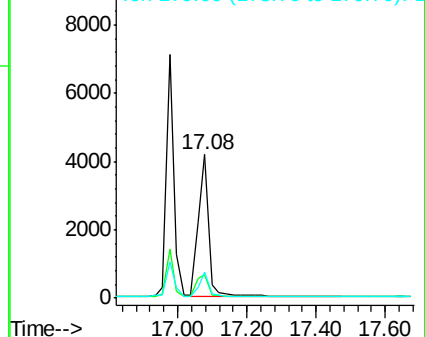
179 15.4 12.2 18.2

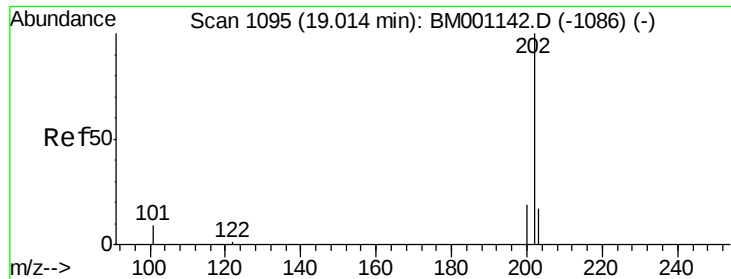


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

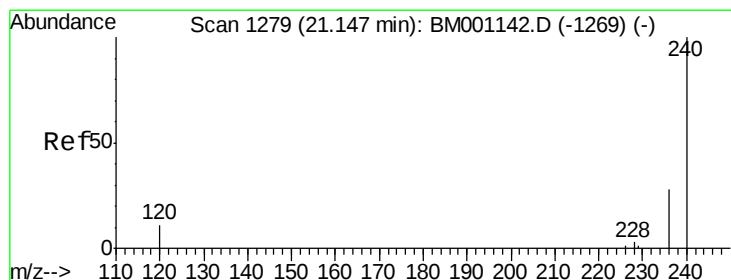
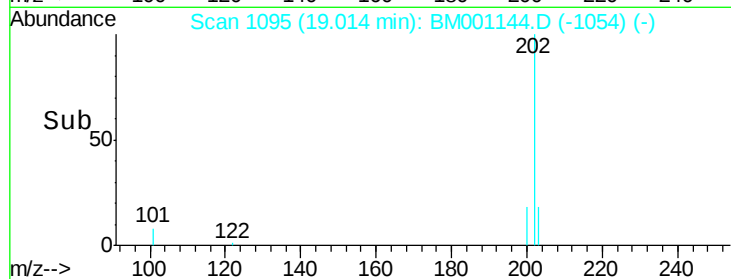
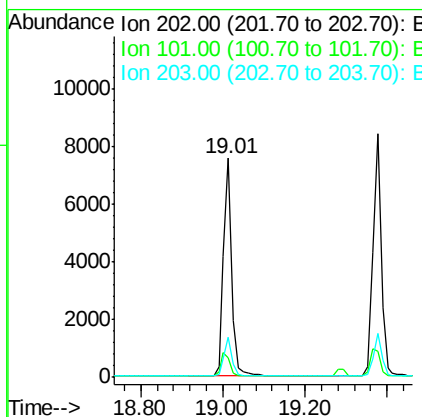
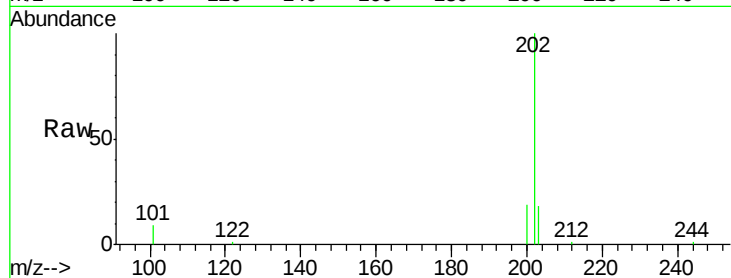




#23
 Fluoranthene
 Concen: 0.46 ng
 RT: 19.01 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BM001144.D
 Acq: 01 May 2015 23:08

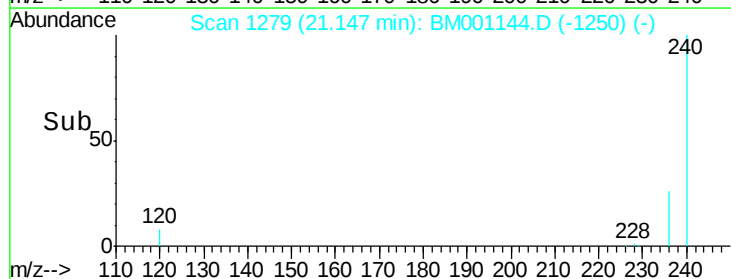
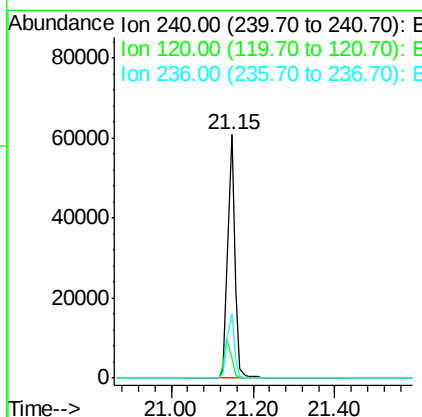
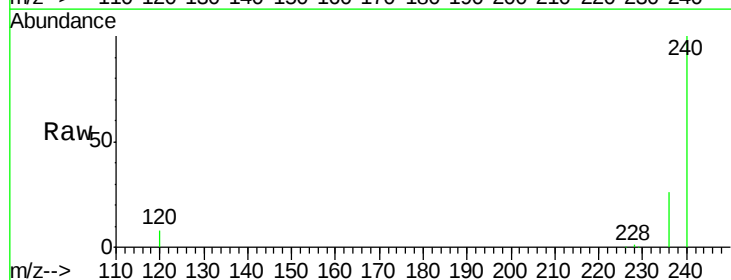
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

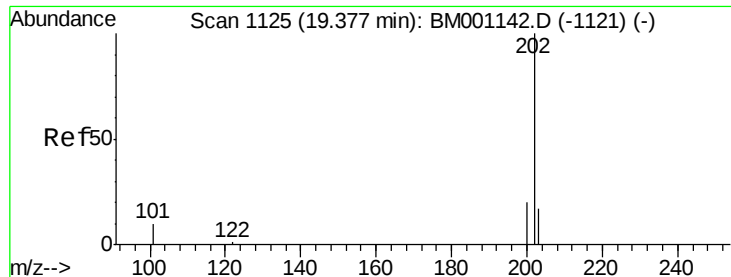
Tgt Ion:202 Resp: 10646
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.3 13.9
 203 17.3 13.7 20.5



#24
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.15 min Scan# 1279
 Delta R.T. -0.00 min
 Lab File: BM001144.D
 Acq: 01 May 2015 23:08

Tgt Ion:240 Resp: 73898
 Ion Ratio Lower Upper
 240 100
 120 7.9 9.2 13.8#
 236 26.3 22.4 33.6

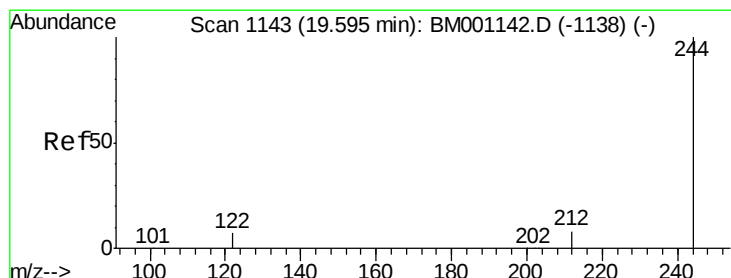
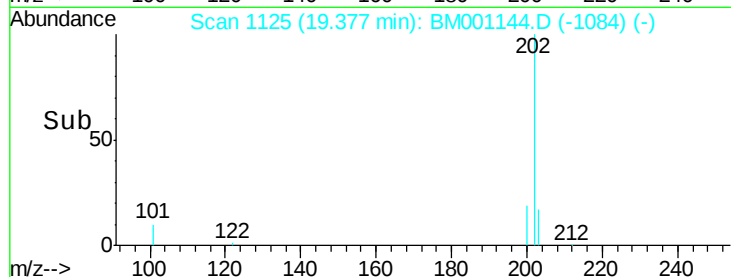
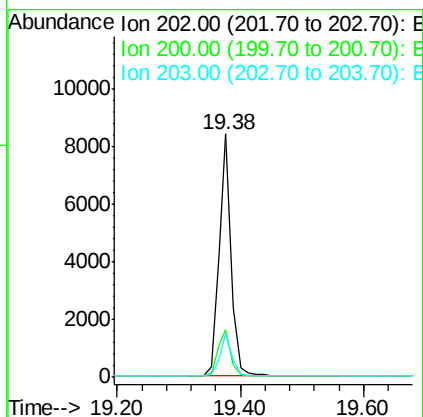
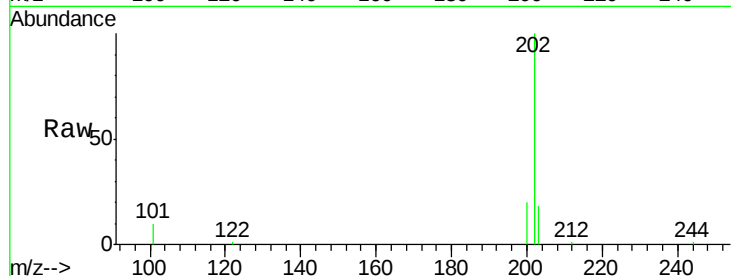




#25
 Pyrene
 Concen: 0.47 ng
 RT: 19.38 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BM001144.D
 Acq: 01 May 2015 23:08

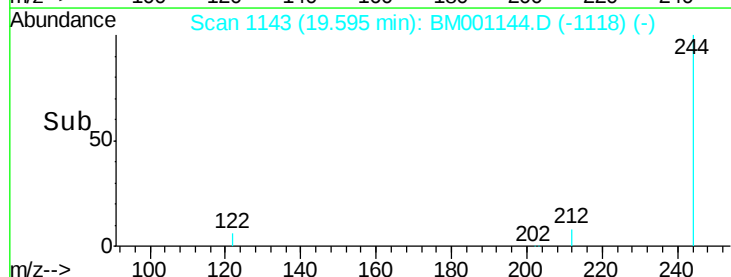
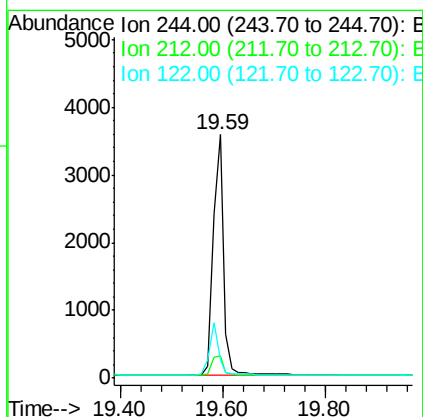
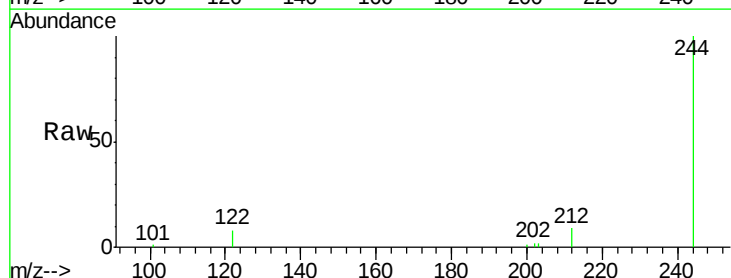
Instrument :
 BNA_M
 ClientSampleId :
 SSTDICC0.5

Tgt Ion: 202 Resp: 11582
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.4 24.6
 203 17.4 13.8 20.6



#26
 Terphenyl-d14
 Concen: 0.50 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BM001144.D
 Acq: 01 May 2015 23:08

Tgt Ion: 244 Resp: 5041
 Ion Ratio Lower Upper
 244 100
 212 9.3 7.1 10.7
 122 7.8 6.2 9.4





#27

Benzo(a)anthracene

Concen: 0.48 ng

RT: 21.13 min Scan# 1277

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDICC0.5

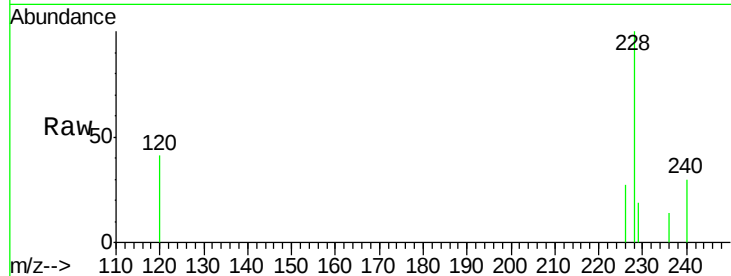
Tgt Ion:228 Resp: 10329

Ion Ratio Lower Upper

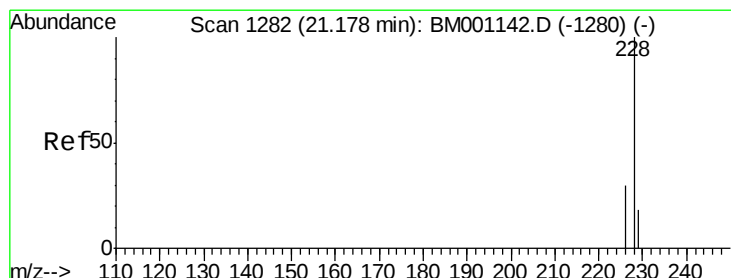
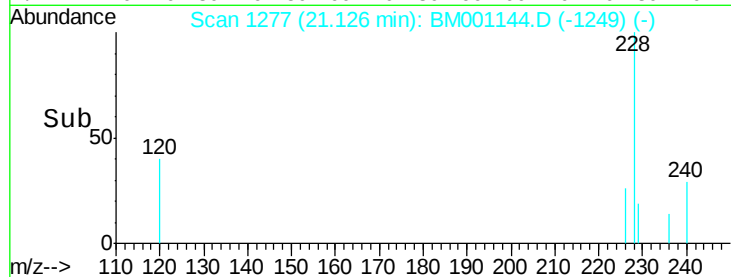
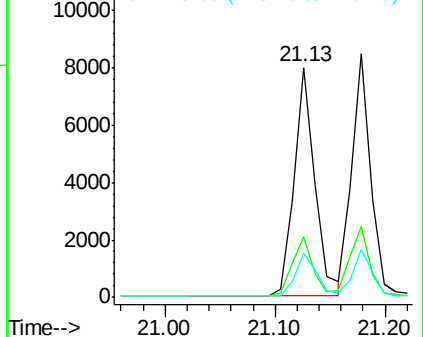
228 100

226 26.6 22.8 34.2

229 19.2 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: 0.46 ng

RT: 21.18 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

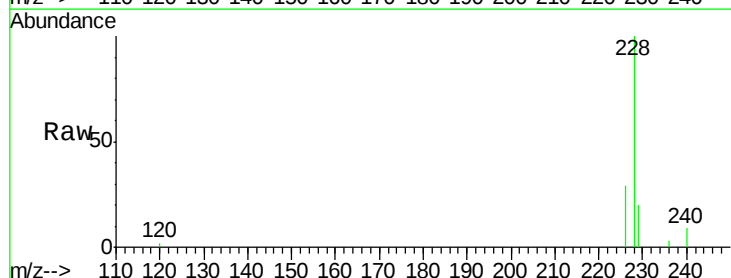
Tgt Ion:228 Resp: 10267

Ion Ratio Lower Upper

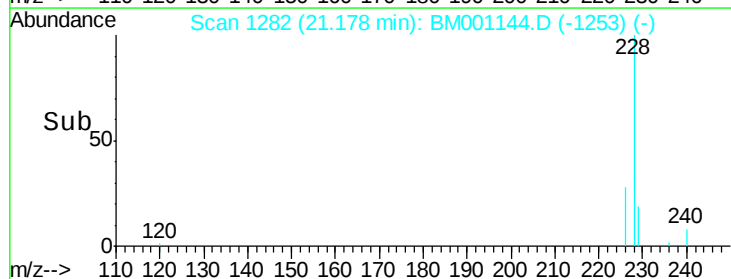
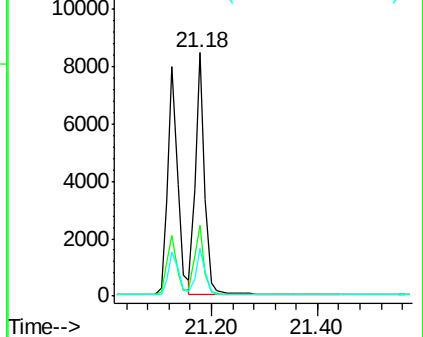
228 100

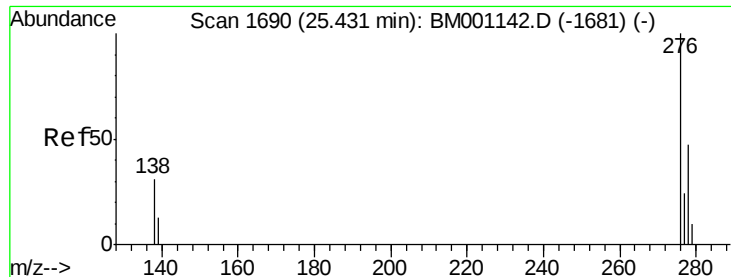
226 28.8 24.4 36.6

229 19.6 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: 0.44 ng

RT: 25.43 min Scan# 1690

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

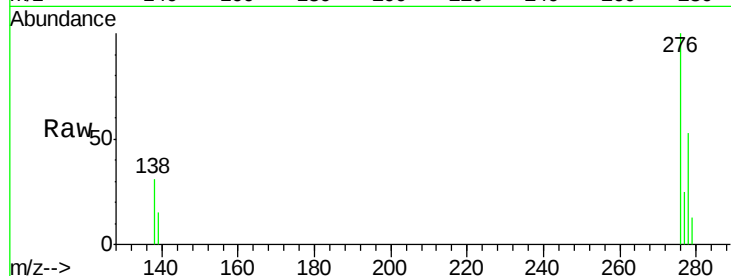
Tgt Ion:276 Resp: 9818

Ion Ratio Lower Upper

276 100

138 30.3 24.2 36.4

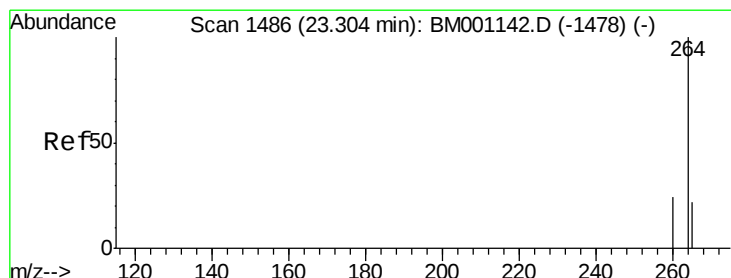
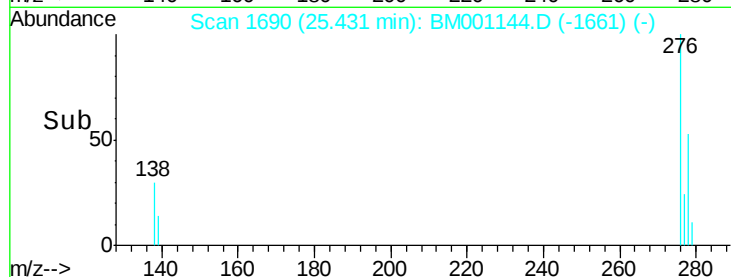
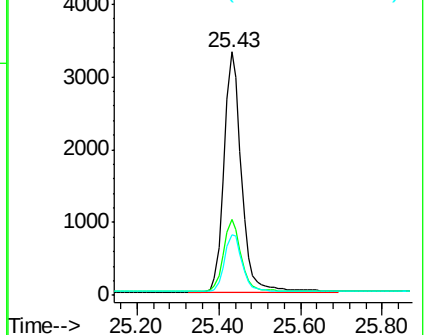
277 24.6 19.8 29.6



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: BM001144.D

Acq: 01 May 2015 23:08

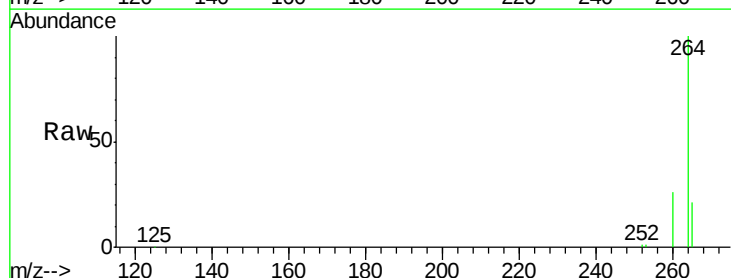
Tgt Ion:264 Resp: 65655

Ion Ratio Lower Upper

264 100

260 25.6 18.9 28.3

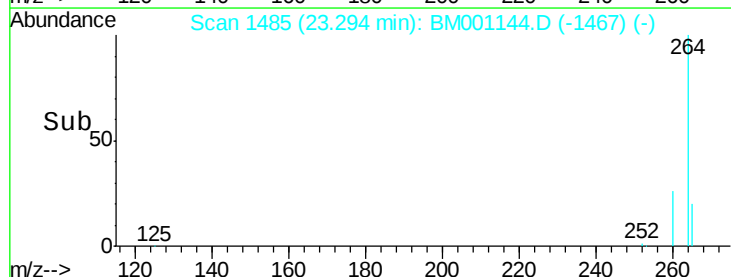
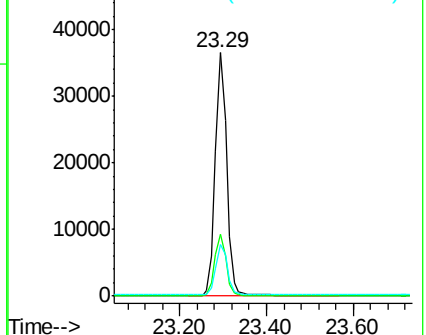
265 21.0 18.1 27.1

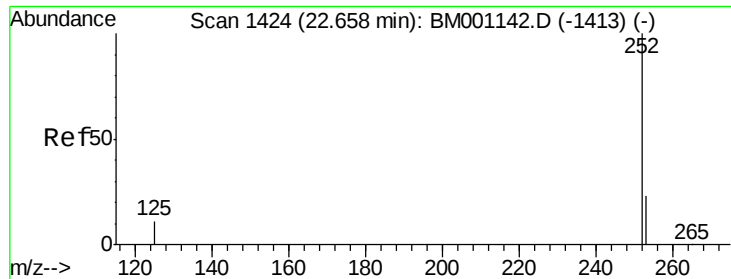


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#31

Benzo(b)fluoranthene

Concen: 0.45 ng

RT: 22.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

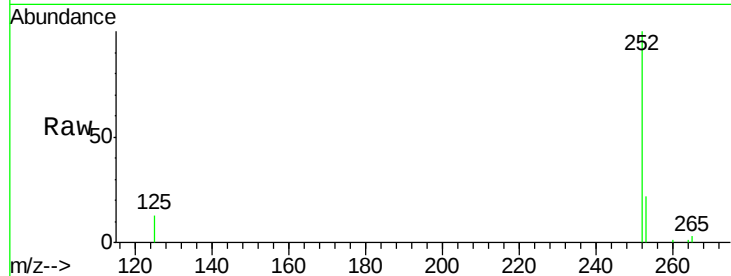
Tgt Ion:252 Resp: 9631

Ion Ratio Lower Upper

252 100

253 22.3 19.0 28.4

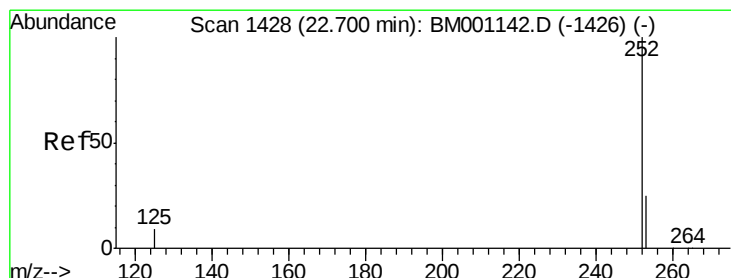
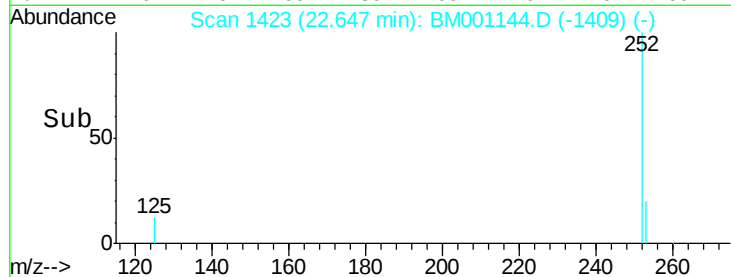
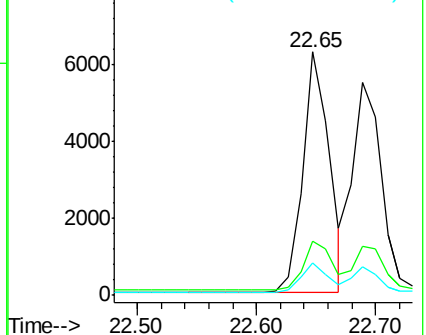
125 13.3 9.1 13.7



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: 0.48 ng

RT: 22.69 min Scan# 1427

Delta R.T. -0.01 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

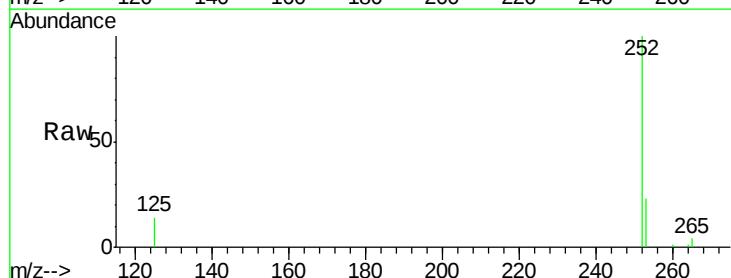
Tgt Ion:252 Resp: 9692

Ion Ratio Lower Upper

252 100

253 22.8 19.1 28.7

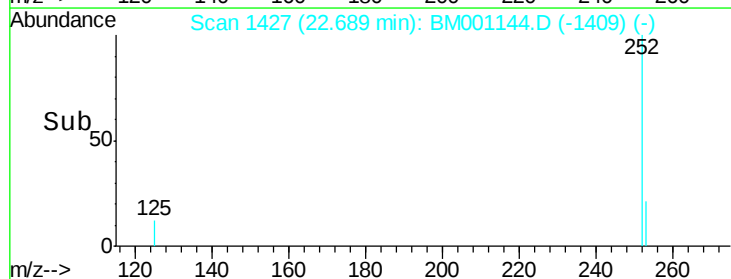
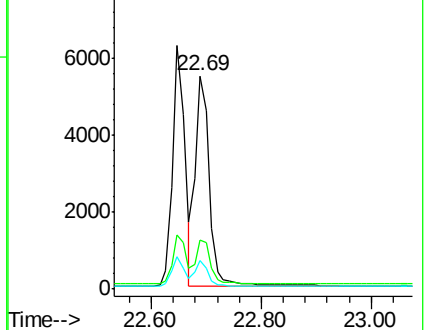
125 13.6 9.3 13.9



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: 0.46 ng

RT: 23.20 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5

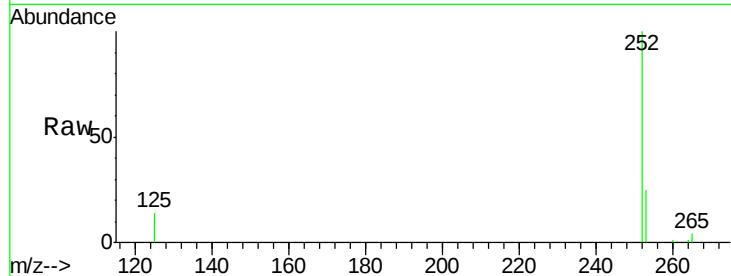
Tgt Ion:252 Resp: 8389

Ion Ratio Lower Upper

252 100

253 25.0 18.2 27.2

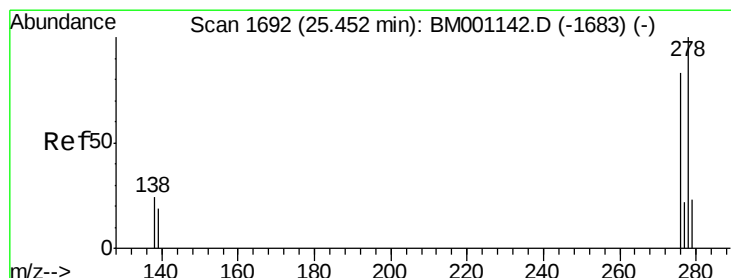
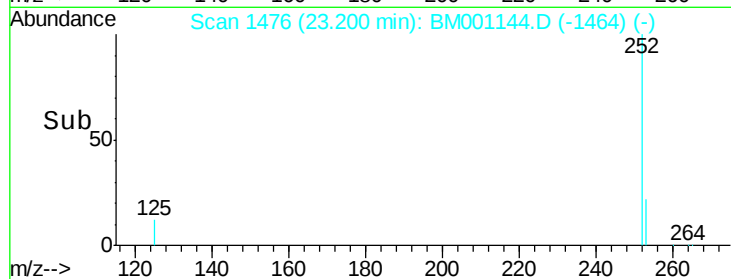
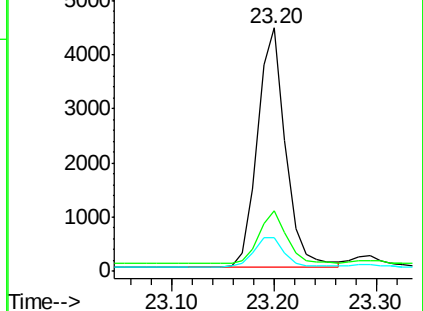
125 13.9 10.6 16.0



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: 0.44 ng

RT: 25.45 min Scan# 1692

Delta R.T. -0.00 min

Lab File: BM001144.D

Acq: 01 May 2015 23:08

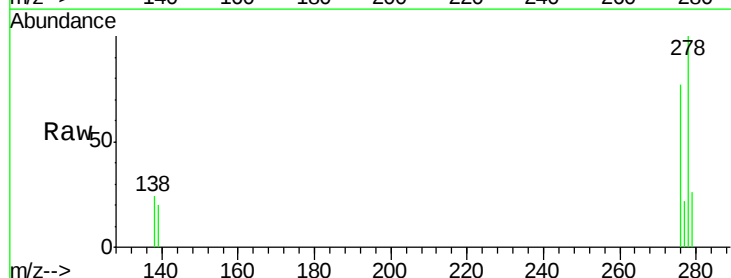
Tgt Ion:278 Resp: 7609

Ion Ratio Lower Upper

278 100

139 19.7 15.5 23.3

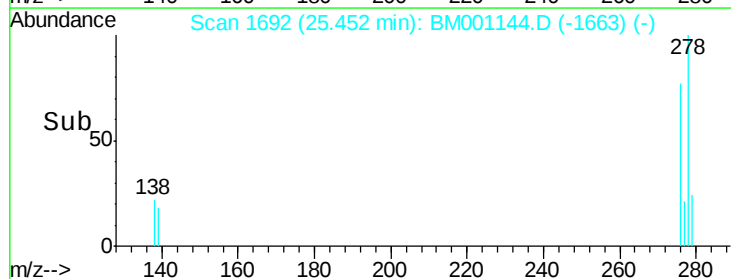
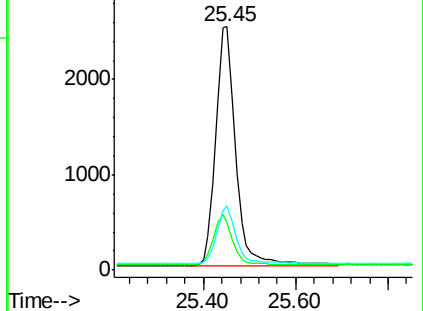
279 26.3 19.7 29.5



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: 0.44 ng

RT: 26.09 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BM001144.D

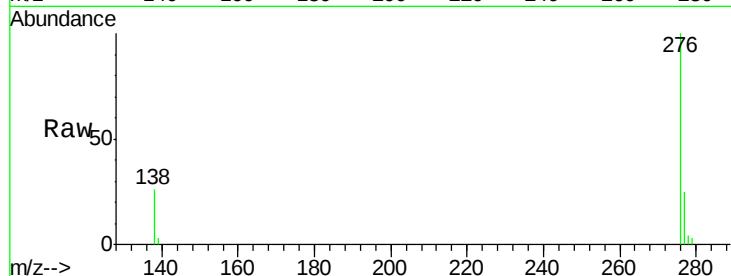
Acq: 01 May 2015 23:08

Instrument :

BNA_M

ClientSampleId :

SSTDIC0.5



Tgt Ion: 276 Resp: 8155

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 26.4 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

