

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050115\
 Data File : BM001166.D
 Acq On : 02 May 2015 13:26
 Operator : TP/IZ
 Sample : G2057-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MWJ-4

Quant Time: May 04 00:59:53 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 00:38:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	15829	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	60429	5.00	ng	0.00
12) Acenaphthene-d10	14.19	164	37946	5.00	ng	0.00
18) Phenanthrene-d10	16.93	188	78084	5.00	ng	0.00
24) Chrysene-d12	21.14	240	71999	5.00	ng	0.00
30) Perylene-d12	23.30	264	60198	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	15547	5.05	ng/uL	-0.02
5) Phenol-d6	6.71	99	11597	3.06	ng/uL	0.00
7) Nitrobenzene-d5	8.69	82	30656	8.96	ng	0.00
13) 2,4,6-Tribromophenol	15.70	330	19821	10.64	ng/uL	0.02
14) 2-Fluorobiphenyl	12.81	172	99317	7.91	ng	0.00
26) Terphenyl-d14	19.59	244	101094	10.18	ng	0.00

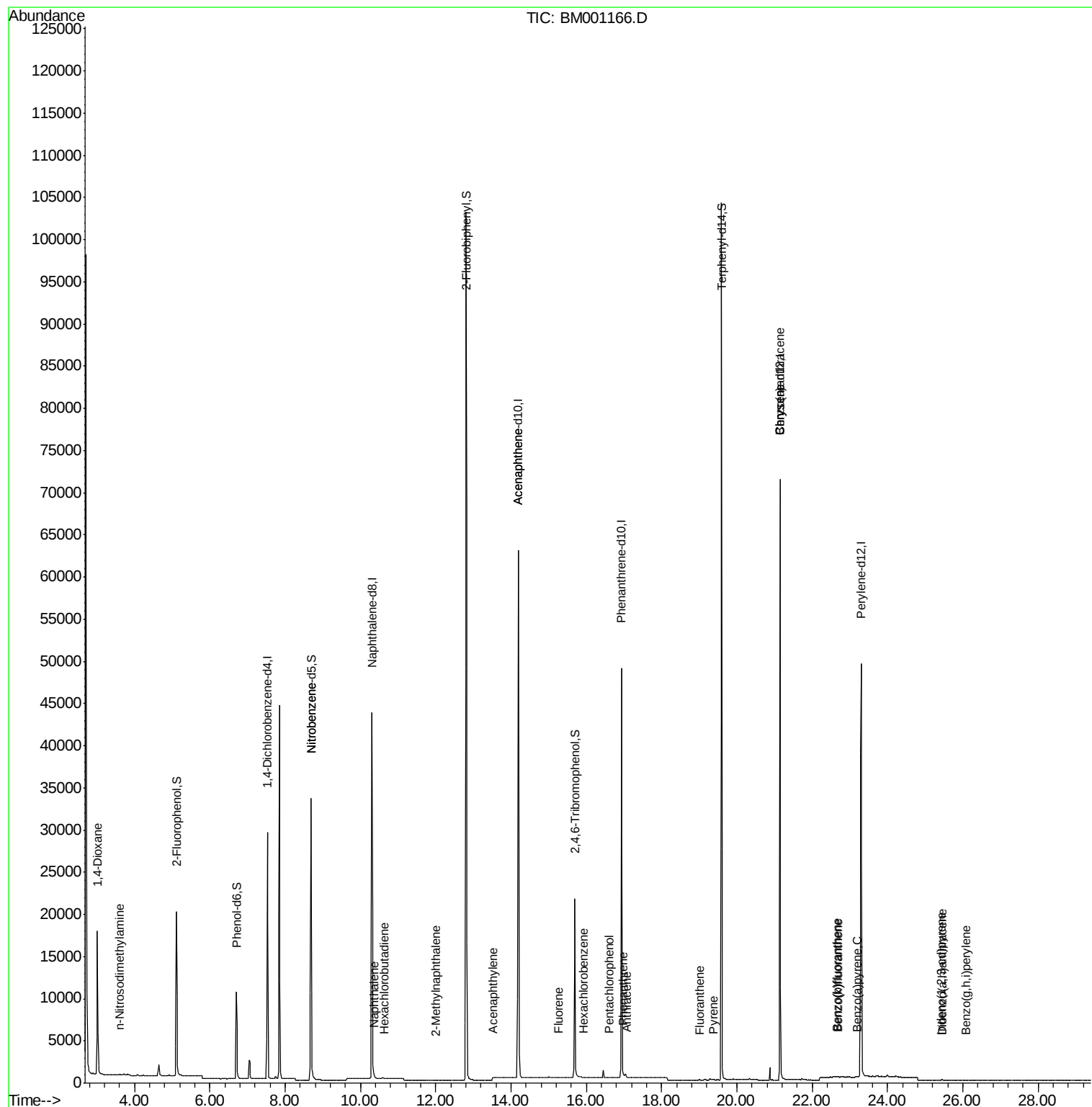
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	11503	8.85	ng	# 79
3) n-Nitrosodimethylamine	3.61	42	44	0.02	ng	# 61
8) Nitrobenzene	8.69	77	121	0.18	ng/uL	# 34
9) Naphthalene	10.36	128	354	0.03	ng	# 57
10) Hexachlorobutadiene	10.63	225	20	0.01	ng/uL	# 22
11) 2-Methylnaphthalene	12.00	142	26	0.00	ng	# 56
15) Acenaphthylene	13.53	152	521	0.03	ng	# 67
16) Acenaphthene	14.19	154	154	0.01	ng	# 9
17) Fluorene	15.26	166	16	0.00	ng	# 94
19) Hexachlorobenzene	15.93	284	62	0.01	ng	# 1
20) Pentachlorophenol	16.62	266	5	0.23	ng	# 58
21) Phenanthrene	16.97	178	103	0.01	ng	# 81
22) Anthracene	17.07	178	32	0.00	ng	# 71
23) Fluoranthene	19.01	202	70	0.00	ng	# 38
25) Pyrene	19.37	202	81	0.00	ng	# 85
27) Benzo(a)anthracene	21.14	228	350	0.02	ng	# 78
28) Chrysene	21.14	228	350	0.02	ng	# 76
29) Indeno(1,2,3-cd)pyrene	25.44	276	88	0.00	ng	# 74
31) Benzo(b)fluoranthene	22.65	252	69	0.00	ng	# 1
32) Benzo(k)fluoranthene	22.69	252	64	0.00	ng	# 1
33) Benzo(a)pyrene	23.20	252	63	0.00	ng	# 1
34) Dibenzo(a,h)anthracene	25.45	278	101	0.01	ng	# 1
35) Benzo(g,h,i)perylene	26.08	276	71	0.00	ng	# 1

(#) = 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: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

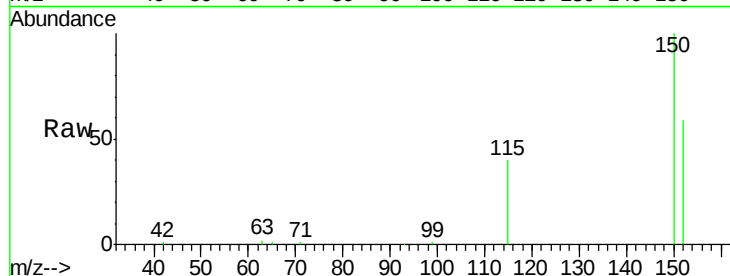
Tgt Ion:152 Resp: 15829

Ion Ratio Lower Upper

152 100

150 170.5 140.1 210.1

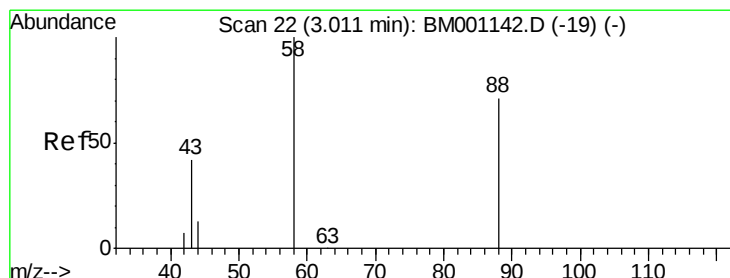
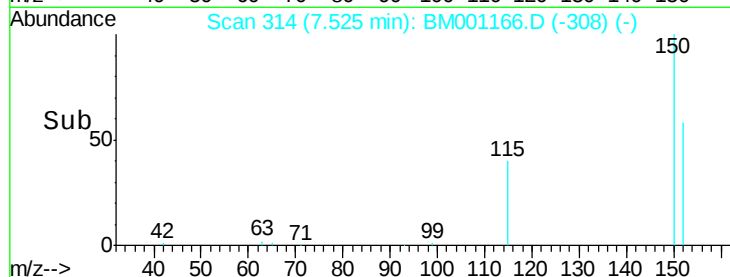
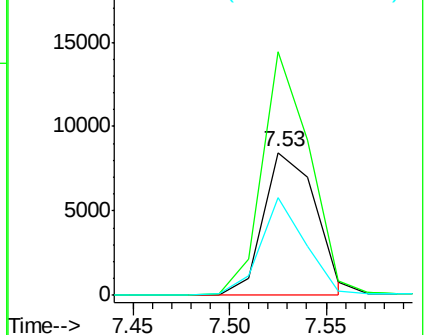
115 68.7 57.8 86.6



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: 8.85 ng

RT: 3.01 min Scan# 22

Delta R.T. -0.02 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

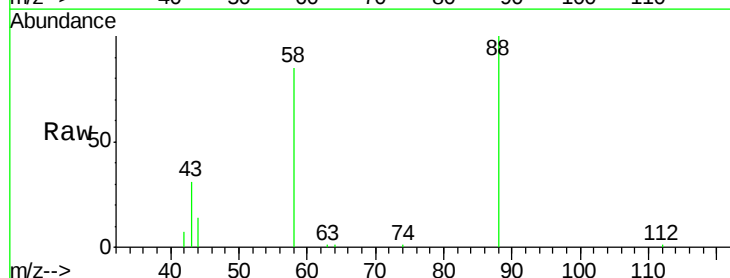
Tgt Ion: 88 Resp: 11503

Ion Ratio Lower Upper

88 100

58 80.8 48.2 72.2#

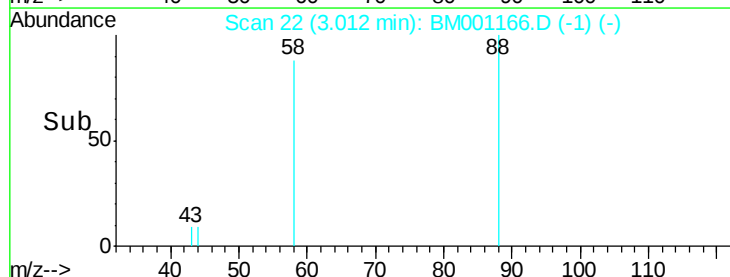
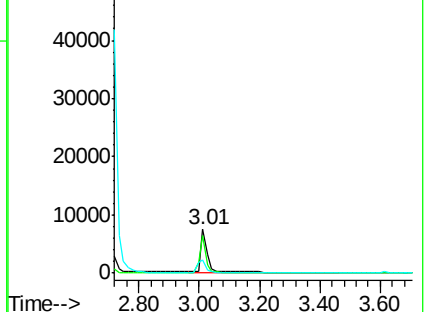
43 35.4 24.8 37.2

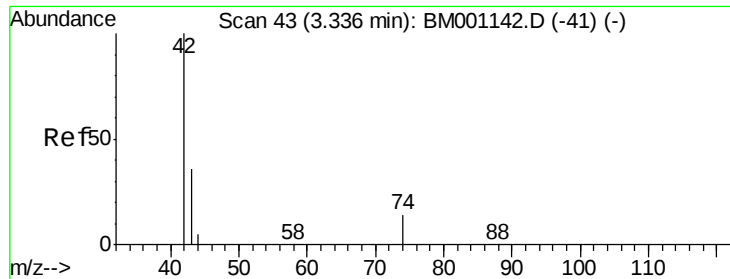


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

n-Nitrosodimethylamine

Concen: 0.02 ng

RT: 3.61 min Scan# 61

Delta R.T. 0.28 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

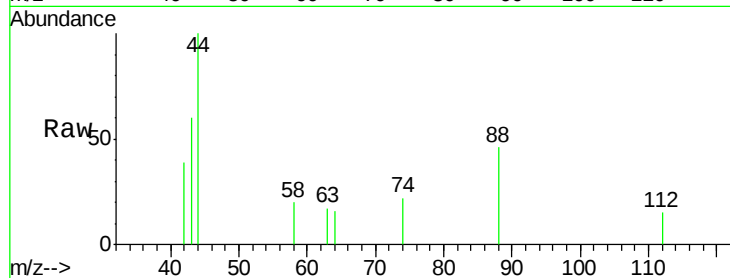
Tgt Ion: 42 Resp: 44

Ion Ratio Lower Upper

42 100

74 63.6 72.0 108.0#

44 90.9 3.7 5.5#

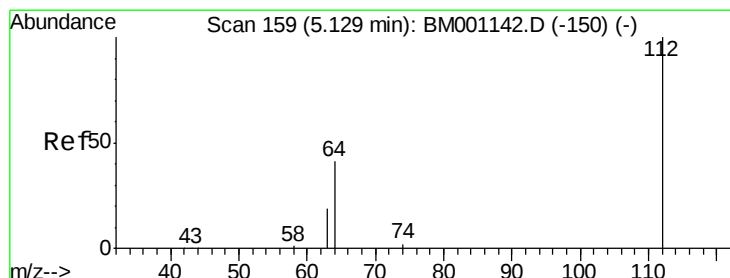
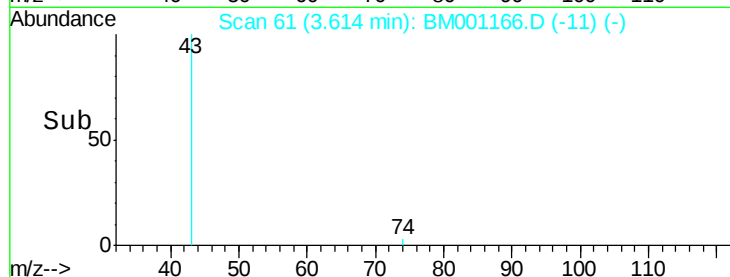


Abundance Ion 42.00 (41.70 to 42.70): BM001142.D (-41) (-)

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

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

Time-->



#4

2-Fluorophenol

Concen: 5.05 ng/uL

RT: 5.11 min Scan# 158

Delta R.T. -0.02 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

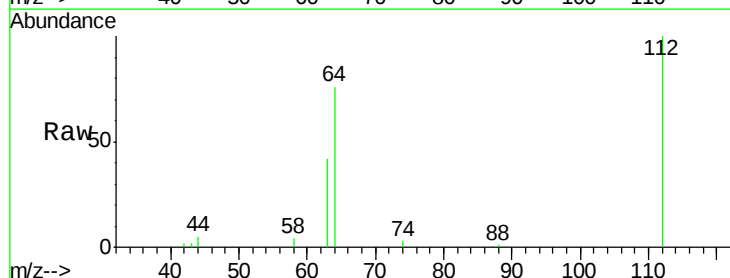
Tgt Ion: 112 Resp: 15547

Ion Ratio Lower Upper

112 100

64 64.5 52.6 79.0

63 36.0 29.5 44.3

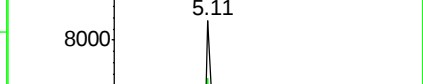
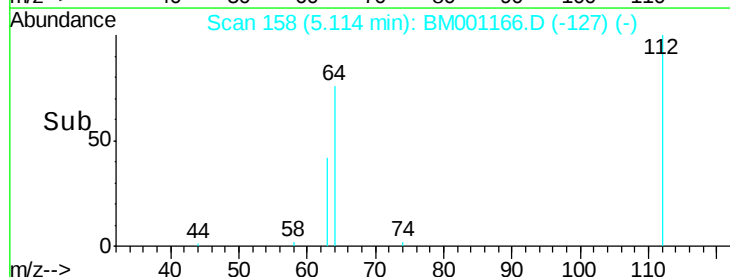


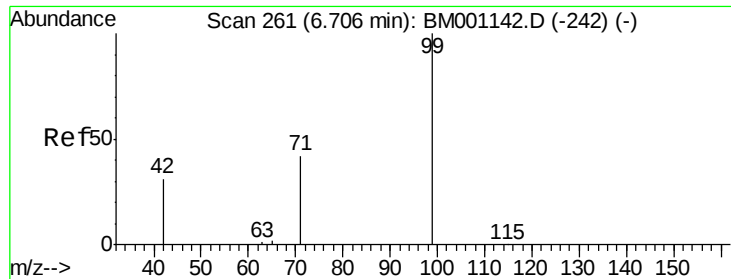
Abundance Ion 112.00 (111.70 to 112.70): BM001142.D (-150) (-)

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

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

Time-->





#5

Phenol-d6

Concen: 3.06 ng/uL

RT: 6.71 min Scan# 261

Delta R.T. 0.00 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

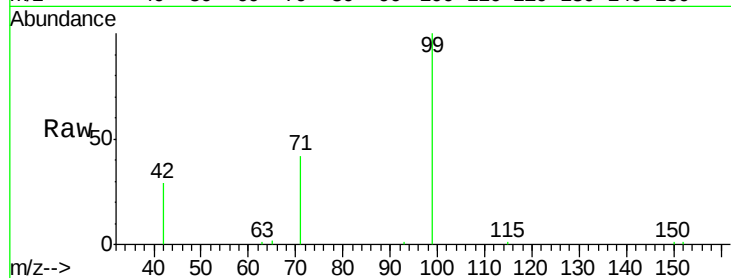
Tgt Ion: 99 Resp: 11597

Ion Ratio Lower Upper

99 100

42 24.8 20.9 31.3

71 35.8 28.5 42.7



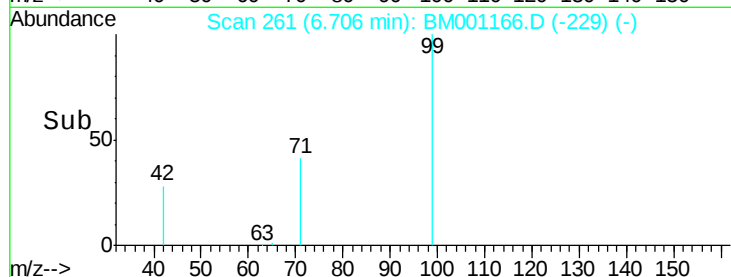
Abundance Ion 99.00 (98.70 to 99.70): BM001142.D (-242) (-)

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

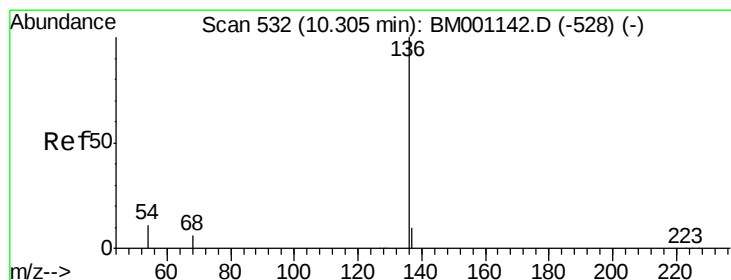
Ion 71.00 (70.70 to 71.70): BM001142.D (-242) (-)

6.71

Time-->



Time-->



#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.31 min Scan# 532

Delta R.T. 0.00 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

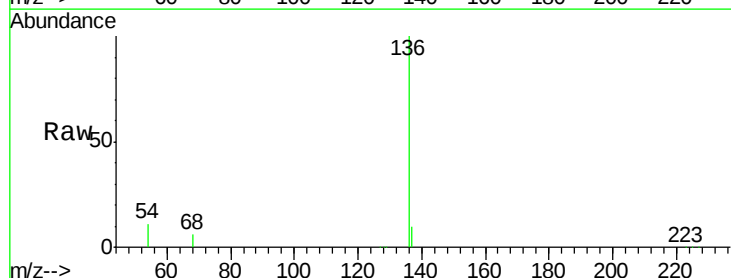
Tgt Ion: 136 Resp: 60429

Ion Ratio Lower Upper

136 100

137 10.4 8.2 12.4

54 10.9 9.0 13.4



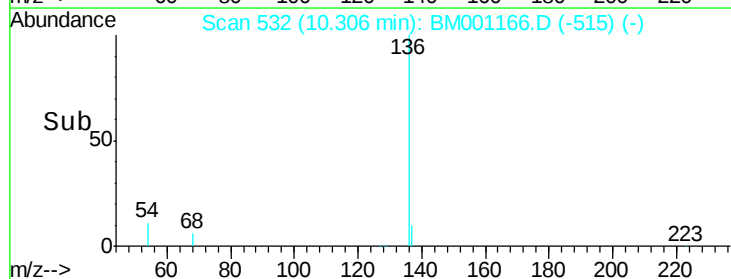
Abundance Ion 136.00 (135.70 to 136.70): BM001142.D (-528) (-)

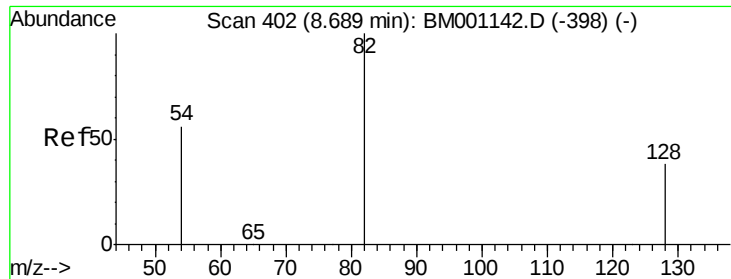
Ion 137.00 (136.70 to 137.70): BM001142.D (-528) (-)

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

10.31

Time-->





#7

Nitrobenzene-d5

Concen: 8.96 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

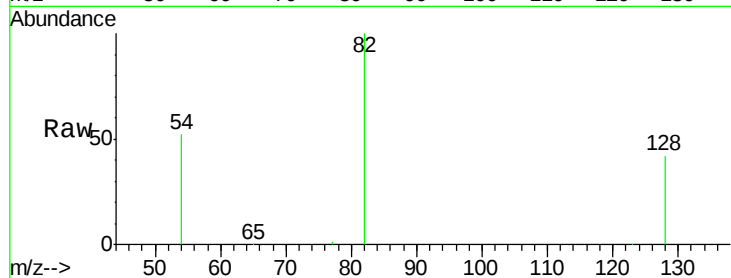
Tgt Ion: 82 Resp: 30656

Ion Ratio Lower Upper

82 100

128 42.4 31.9 47.9

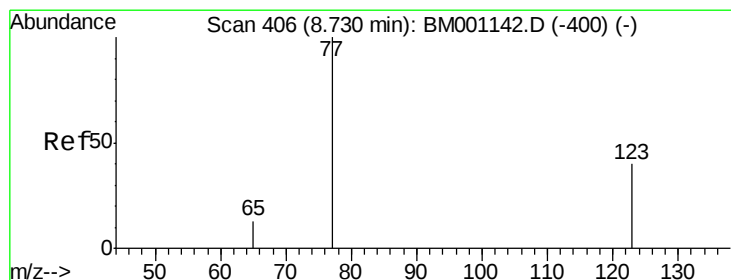
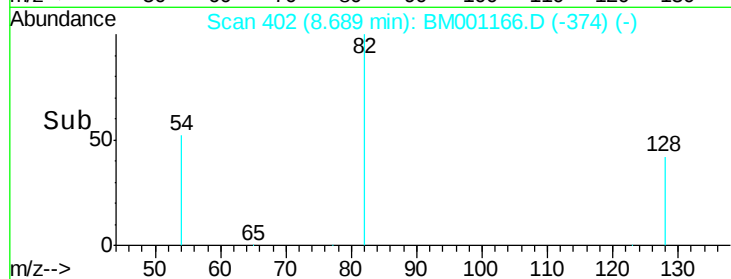
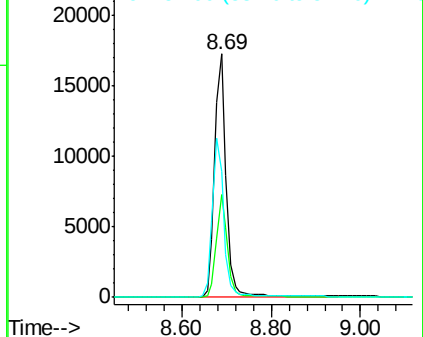
54 51.7 46.2 69.2



Abundance Ion 82.00 (81.70 to 82.70): BM001142.D (-398) (-)

Ion 128.00 (127.70 to 128.70): BM001142.D (-398) (-)

Ion 54.00 (53.70 to 54.70): BM001142.D (-398) (-)



#8

Nitrobenzene

Concen: 0.18 ng/uL

RT: 8.69 min Scan# 402

Delta R.T. -0.04 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

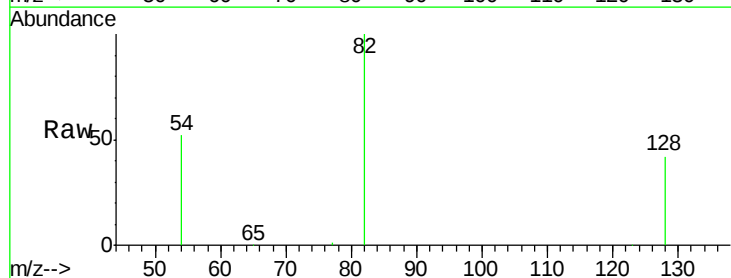
Tgt Ion: 77 Resp: 121

Ion Ratio Lower Upper

77 100

123 0.0 31.0 46.6#

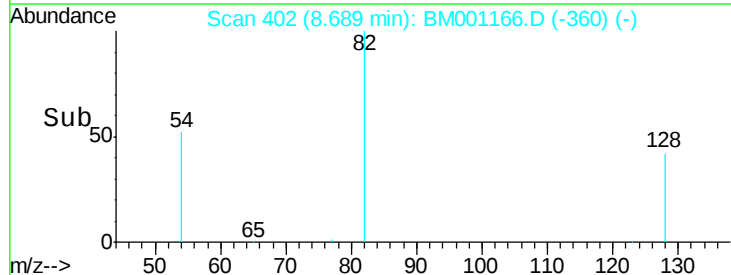
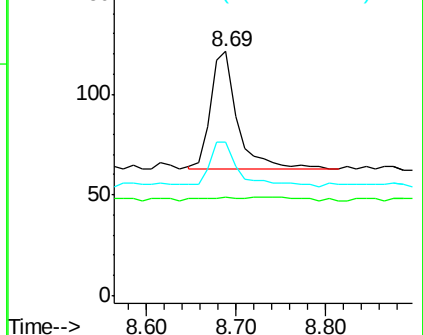
65 42.1 10.6 15.8#

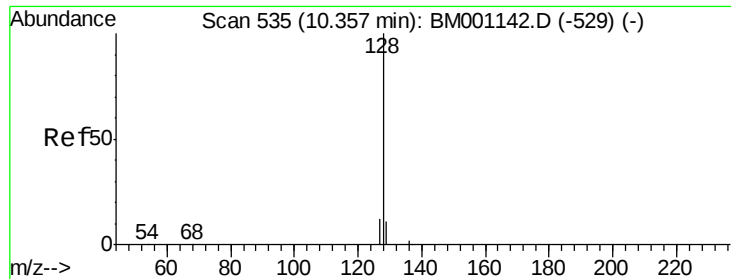


Abundance Ion 77.00 (76.70 to 77.70): BM001142.D (-400) (-)

Ion 123.00 (122.70 to 123.70): BM001142.D (-400) (-)

Ion 65.00 (64.70 to 65.70): BM001142.D (-400) (-)





#9

Naphthalene

Concen: 0.03 ng

RT: 10.36 min Scan# 535

Delta R.T. 0.00 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

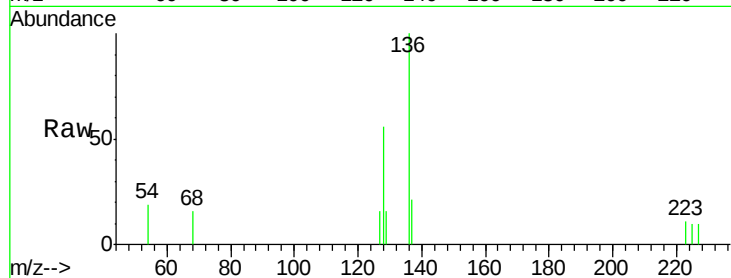
Tgt Ion:128 Resp: 354

Ion Ratio Lower Upper

128 100

129 28.3 9.0 13.6#

127 29.1 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

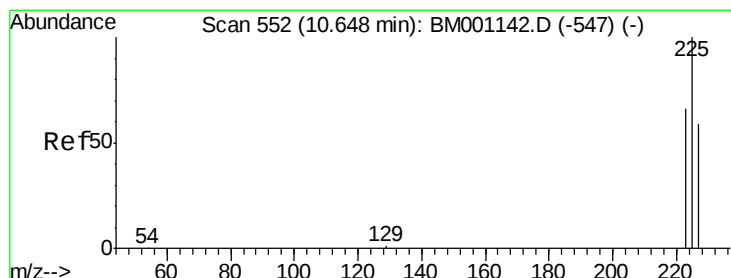
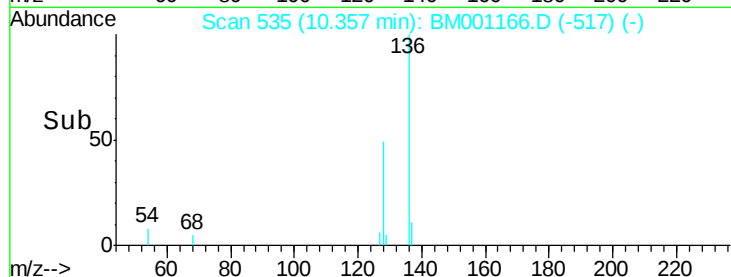
10.36

200

100

0

Time-->



#10

Hexachlorobutadiene

Concen: 0.01 ng/uL

RT: 10.63 min Scan# 551

Delta R.T. -0.02 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

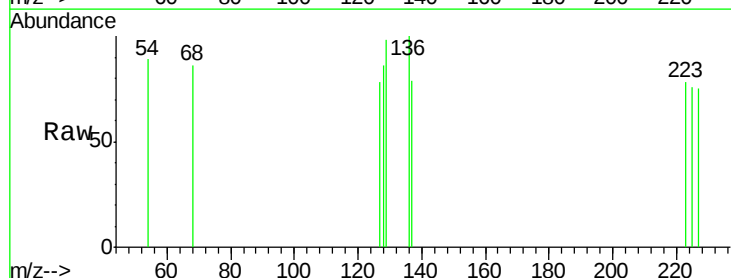
Tgt Ion:225 Resp: 20

Ion Ratio Lower Upper

225 100

223 5.0 50.8 76.2#

227 0.0 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

10.63

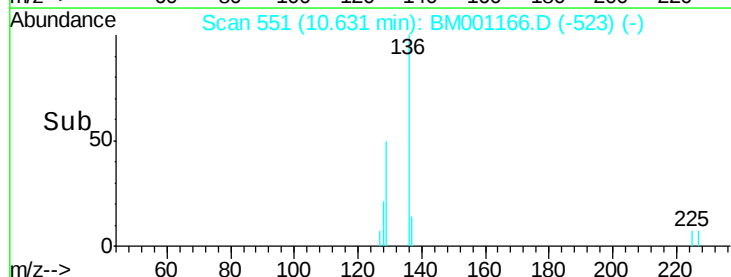
60

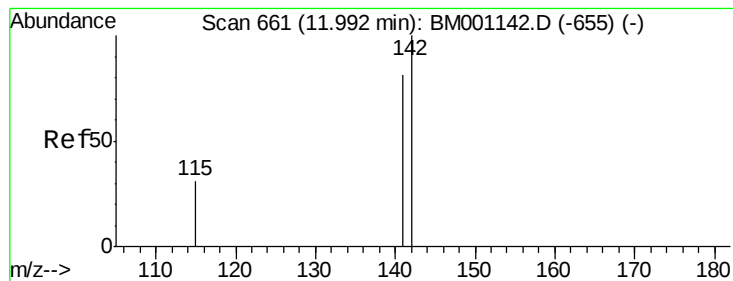
40

20

0

Time-->

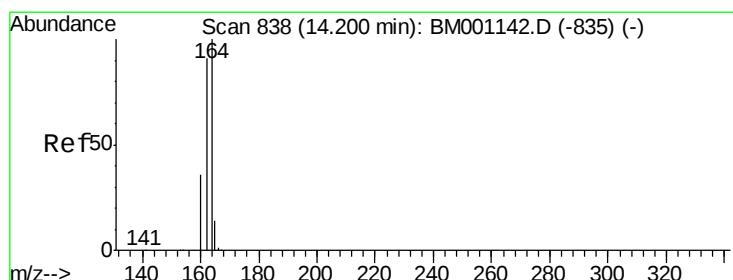
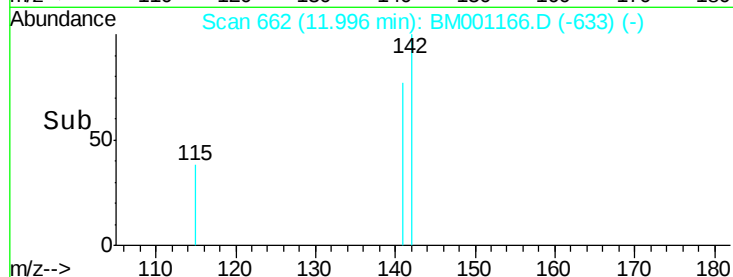
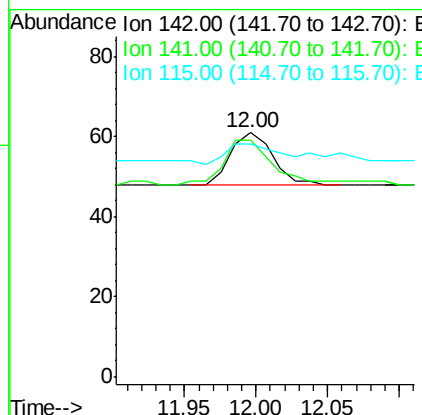
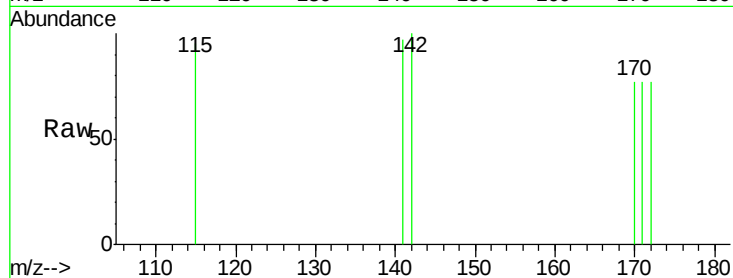




#11
2-Methylnaphthalene
Concen: 0.00 ng
RT: 12.00 min Scan# 662
Delta R.T. 0.00 min
Lab File: BM001166.D
Acq: 02 May 2015 13:26

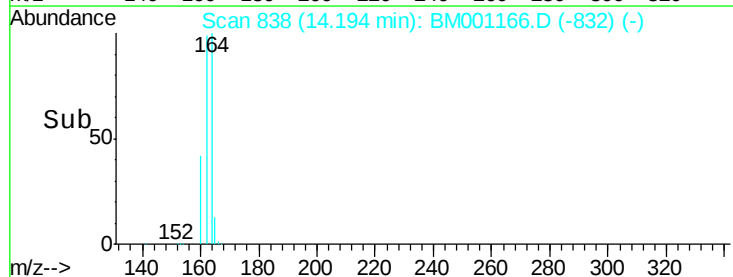
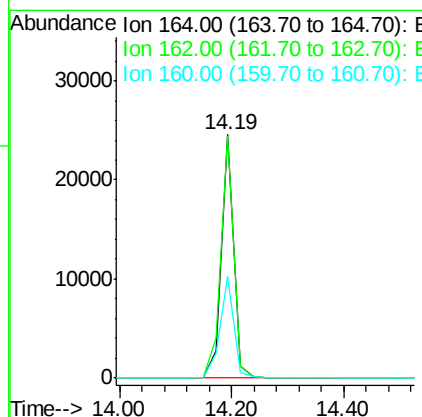
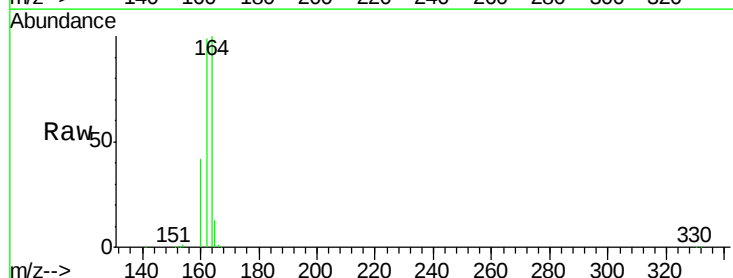
Instrument :
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MWJ-4

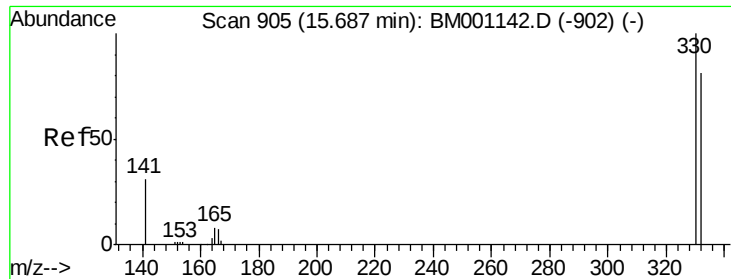
Tgt Ion:142 Resp: 26
Ion Ratio Lower Upper
142 100
141 96.7 65.1 97.7
115 95.1 25.1 37.7#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.19 min Scan# 838
Delta R.T. -0.01 min
Lab File: BM001166.D
Acq: 02 May 2015 13:26

Tgt Ion:164 Resp: 37946
Ion Ratio Lower Upper
164 100
162 99.4 72.7 109.1
160 41.8 28.7 43.1

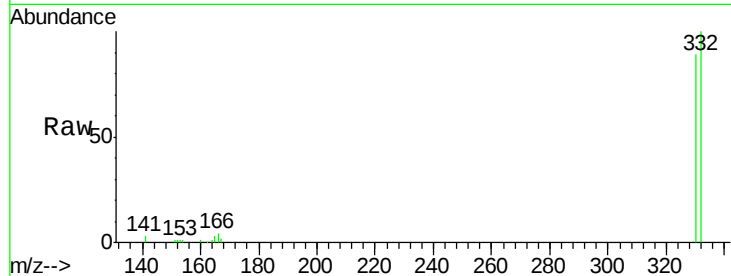




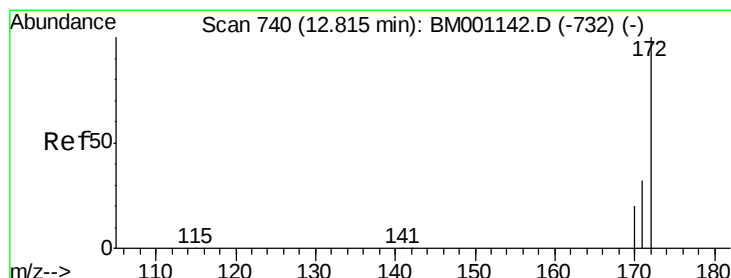
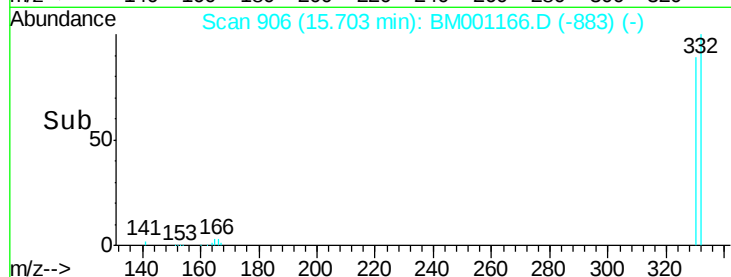
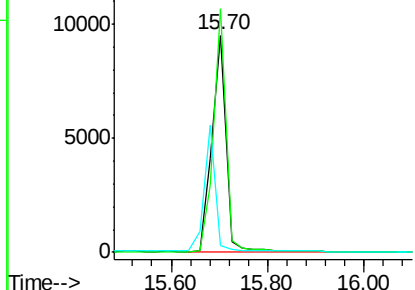
#13
 2,4,6-Tribromophenol
 Concen: 10.64 ng/uL
 RT: 15.70 min Scan# 906
 Delta R.T. 0.02 min
 Lab File: BM001166.D
 Acq: 02 May 2015 13:26

Instrument :
 BNA_M
 ClientSampleId :
 MWJ-4

Tgt Ion:330 Resp: 19821
 Ion Ratio Lower Upper
 330 100
 332 100.1 74.5 111.7
 141 0.0 21.0 31.4#

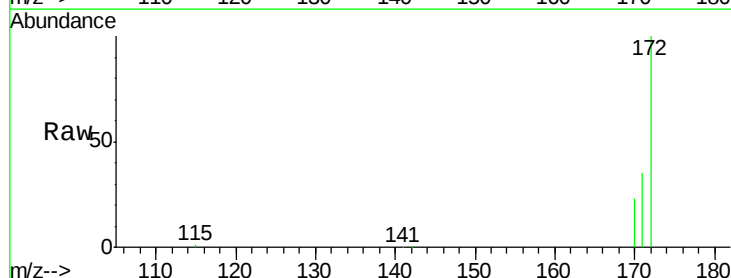


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

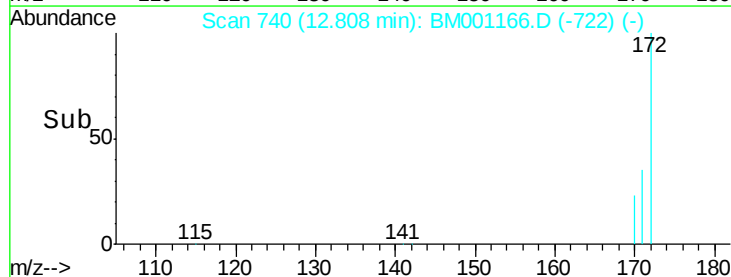
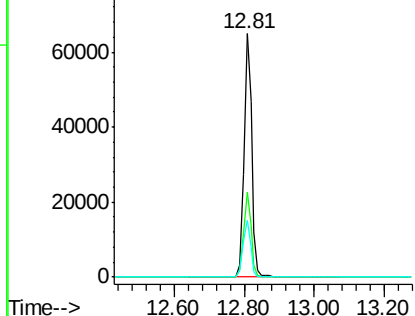


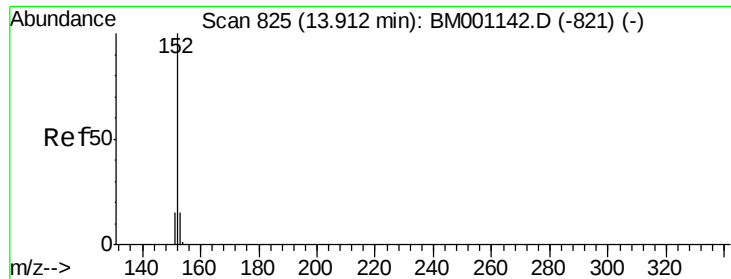
#14
 2-Fluorobiphenyl
 Concen: 7.91 ng
 RT: 12.81 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BM001166.D
 Acq: 02 May 2015 13:26

Tgt Ion:172 Resp: 99317
 Ion Ratio Lower Upper
 172 100
 171 35.0 25.8 38.6
 170 23.3 16.1 24.1



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





#15

Acenaphthylene

Concen: 0.03 ng

RT: 13.53 min Scan# 808

Delta R.T. -0.38 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

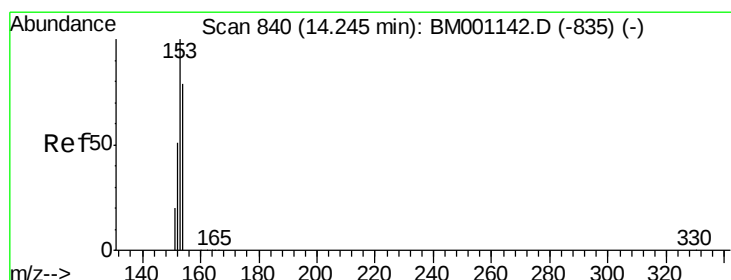
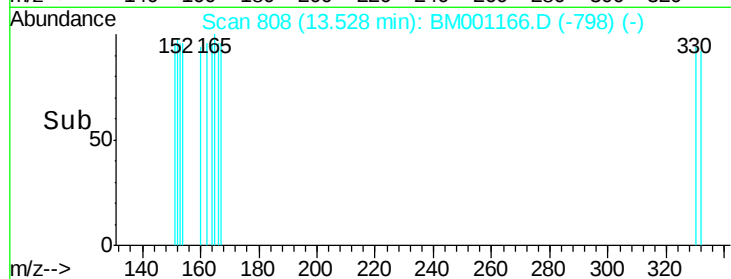
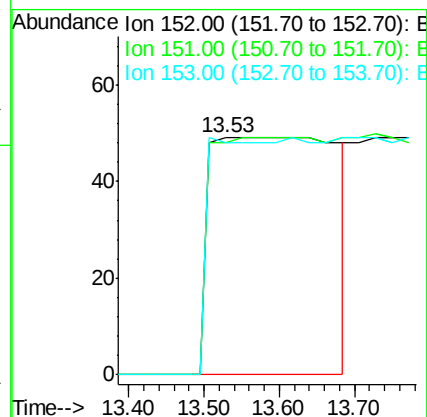
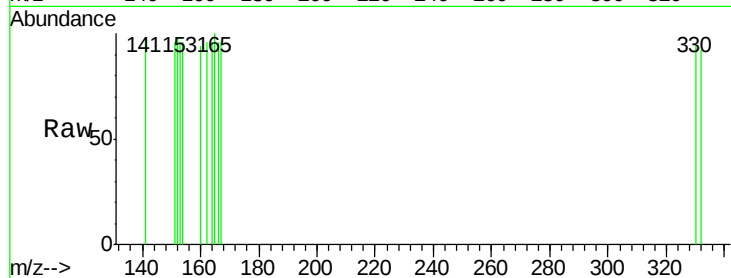
Tgt Ion:152 Resp: 521

Ion Ratio Lower Upper

152 100

151 0.0 0.0 0.0

153 0.0 10.3 15.5#



#16

Acenaphthene

Concen: 0.01 ng

RT: 14.19 min Scan# 838

Delta R.T. -0.05 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

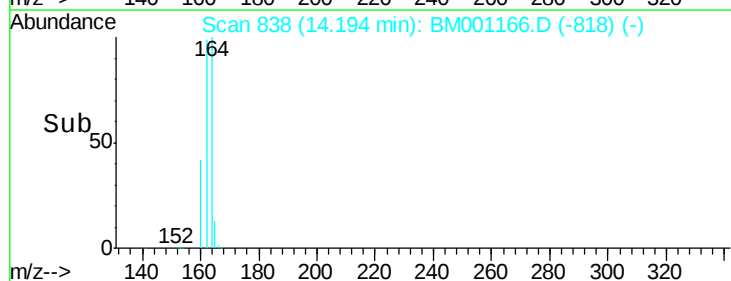
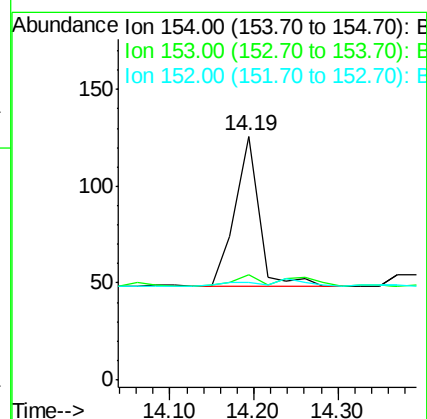
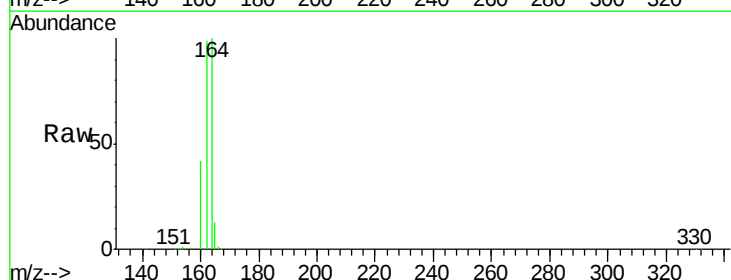
Tgt Ion:154 Resp: 154

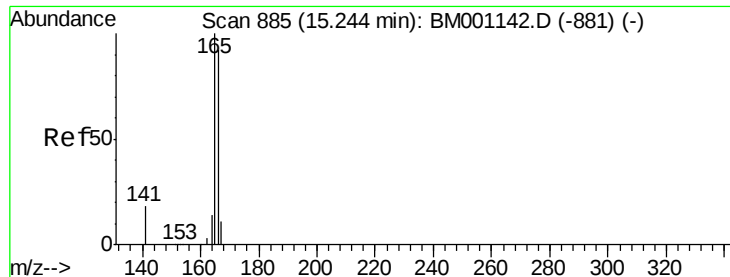
Ion Ratio Lower Upper

154 100

153 8.4 90.6 136.0#

152 0.0 45.0 67.4#





#17

Fluorene

Concen: 0.00 ng

RT: 15.26 min Scan# 886

Delta R.T. 0.02 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

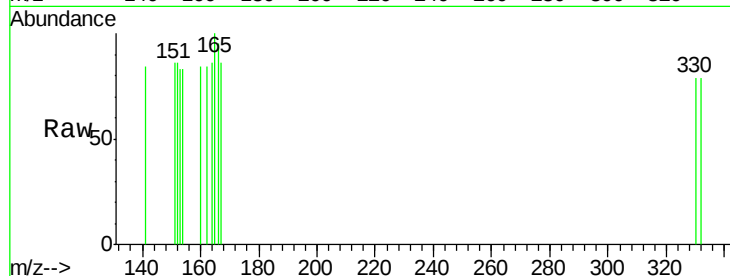
Tgt Ion:166 Resp: 16

Ion Ratio Lower Upper

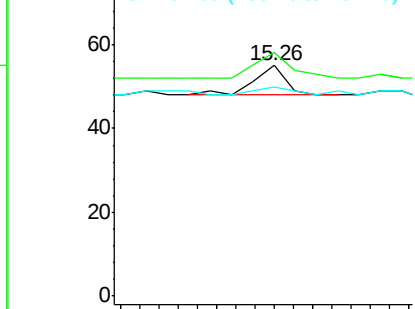
166 100

165 100.0 81.0 121.6

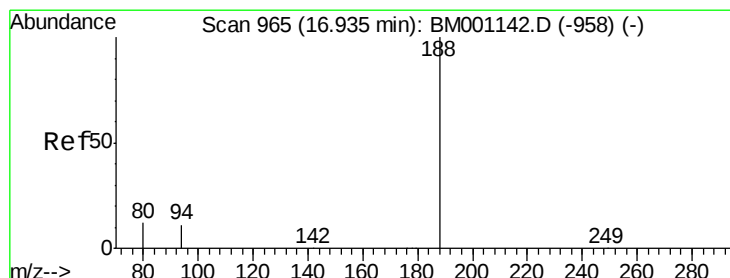
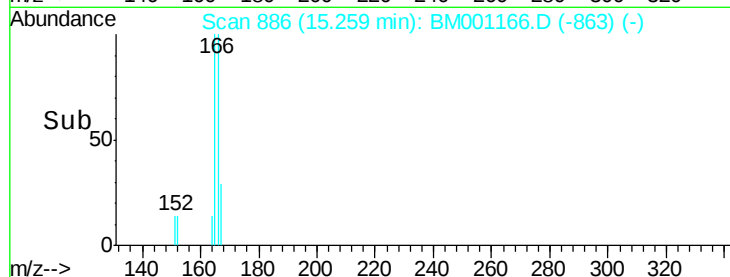
167 31.3 10.4 15.6#



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



Time--> 15.10 15.20 15.30



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.93 min Scan# 965

Delta R.T. -0.00 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

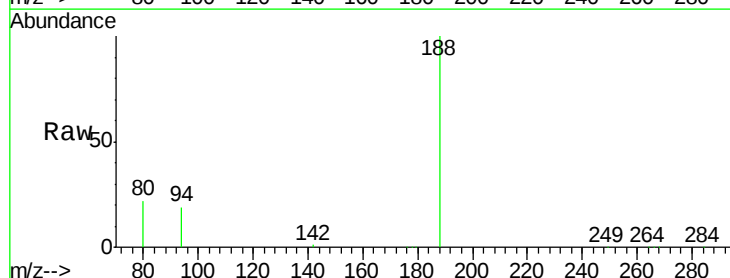
Tgt Ion:188 Resp: 78084

Ion Ratio Lower Upper

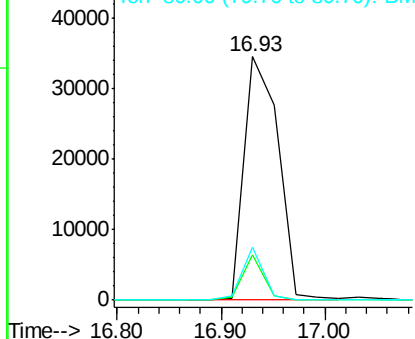
188 100

94 18.8 9.3 13.9#

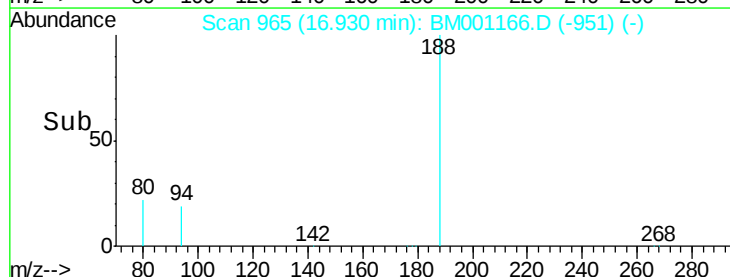
80 21.8 9.8 14.6#

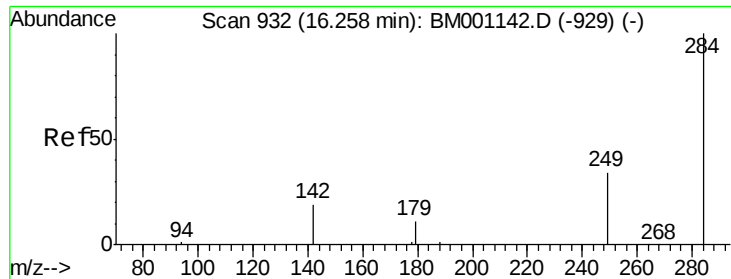


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM001166.D (-951) (-)
Ion 80.00 (79.70 to 80.70): BM001166.D (-951) (-)



Time--> 16.80 16.90 17.00

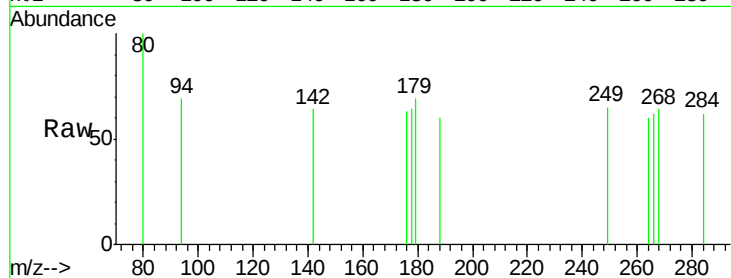




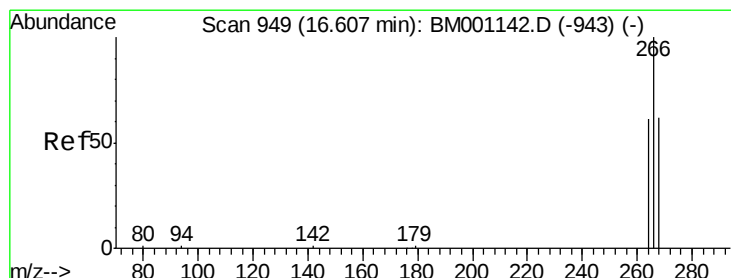
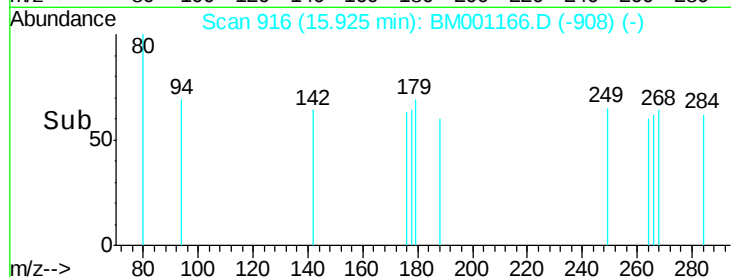
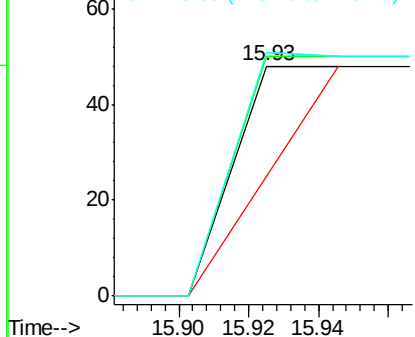
#19
Hexachlorobenzene
Concen: 0.01 ng
RT: 15.93 min Scan# 916
Delta R.T. -0.33 min
Lab File: BM001166.D
Acq: 02 May 2015 13:26

Instrument :
BNA_M
ClientSampleId :
MWJ-4

Tgt Ion: 284 Resp: 62
Ion Ratio Lower Upper
284 100
142 706.5 0.0 0.0#
249 1603.2 26.5 39.7#

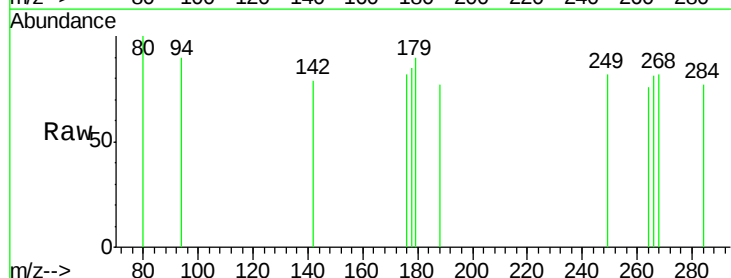


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

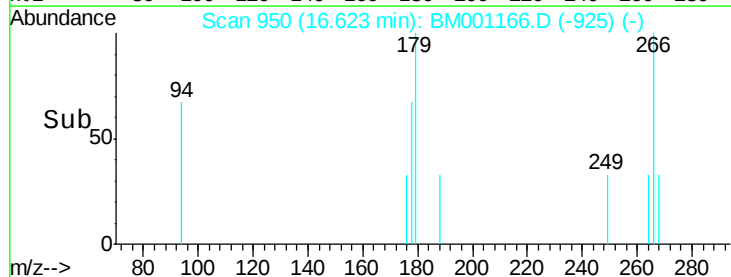
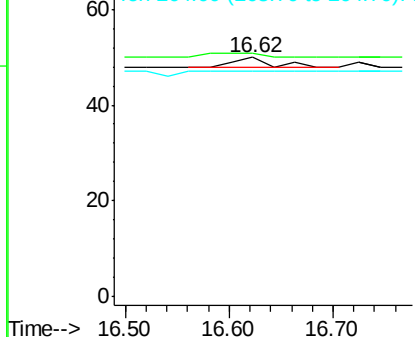


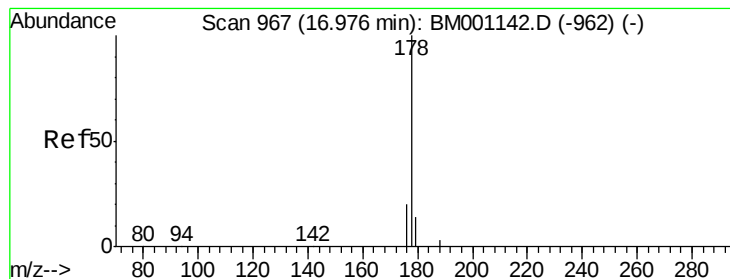
#20
Pentachlorophenol
Concen: 0.23 ng
RT: 16.62 min Scan# 950
Delta R.T. 0.02 min
Lab File: BM001166.D
Acq: 02 May 2015 13:26

Tgt Ion: 266 Resp: 5
Ion Ratio Lower Upper
266 100
268 102.0 52.6 79.0#
264 94.0 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: 0.01 ng

RT: 16.97 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampled :

MWJ-4

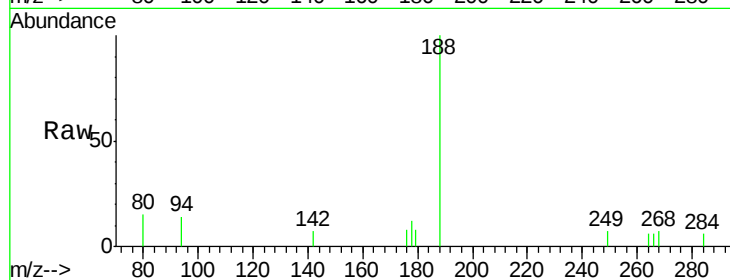
Tgt Ion:178 Resp: 103

Ion Ratio Lower Upper

178 100

176 16.5 15.5 23.3

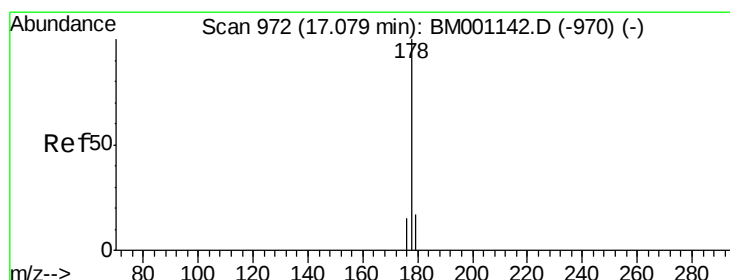
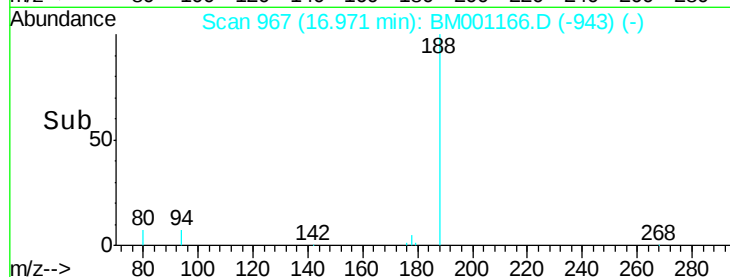
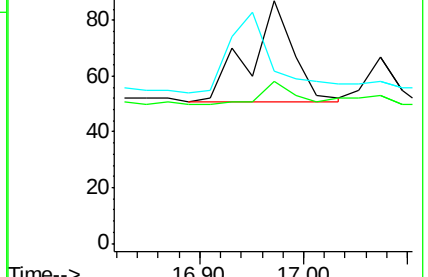
179 0.0 12.0 18.0#



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: 0.00 ng

RT: 17.07 min Scan# 972

Delta R.T. -0.00 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

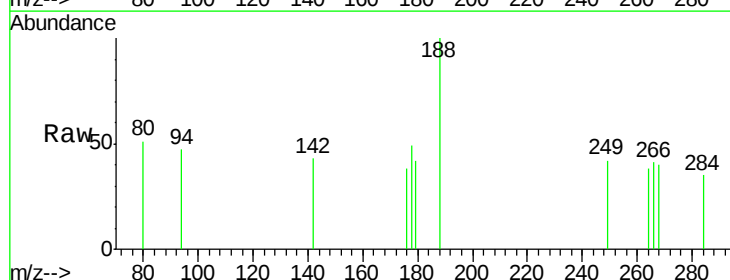
Tgt Ion:178 Resp: 32

Ion Ratio Lower Upper

178 100

176 28.1 14.3 21.5#

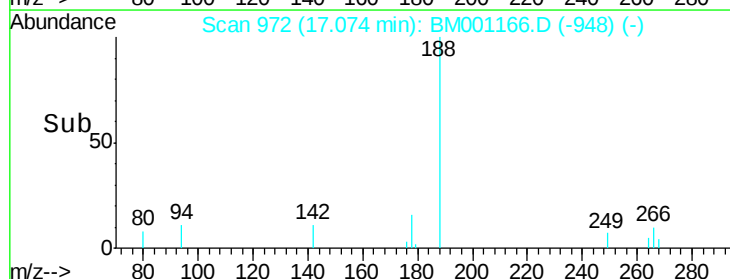
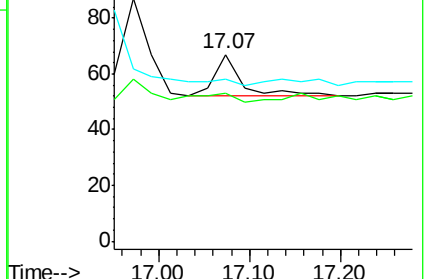
179 0.0 12.2 18.2#

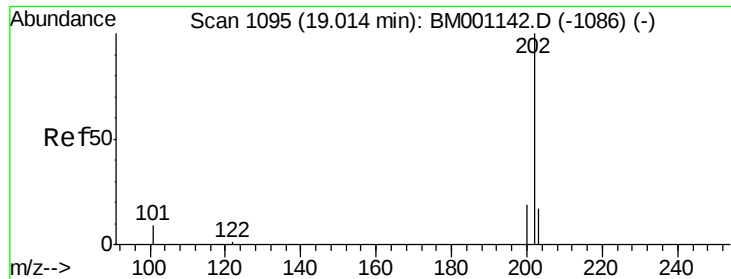


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#23

Fluoranthene

Concen: 0.00 ng

RT: 19.01 min Scan# 1095

Delta R.T. -0.00 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

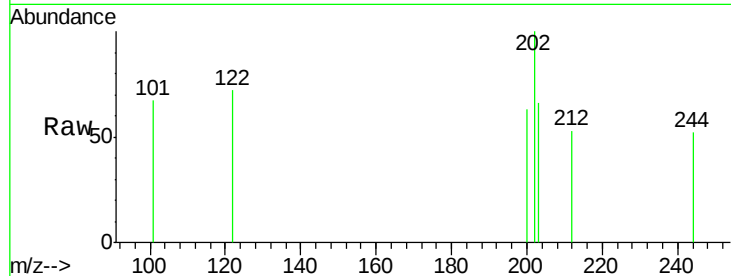
Tgt Ion:202 Resp: 70

Ion Ratio Lower Upper

202 100

101 42.9 9.3 13.9#

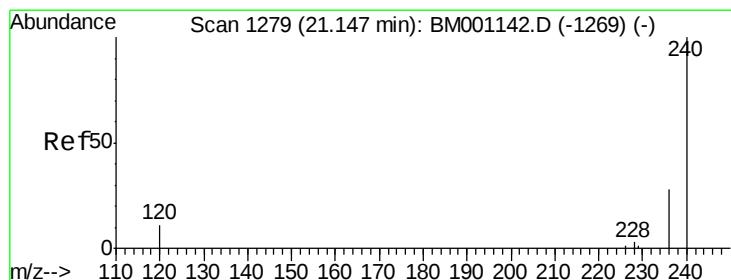
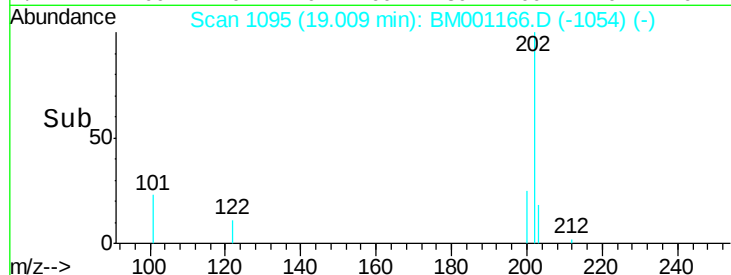
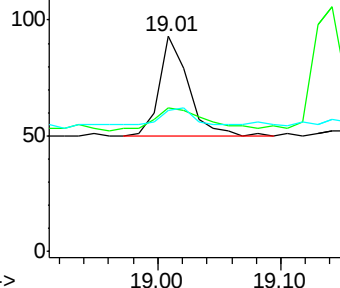
203 38.6 13.7 20.5#



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: 21.14 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

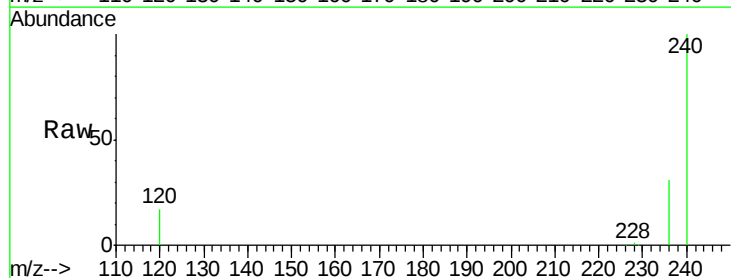
Tgt Ion:240 Resp: 71999

Ion Ratio Lower Upper

240 100

120 17.5 9.2 13.8#

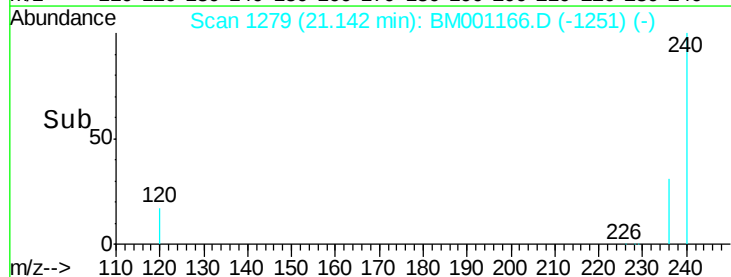
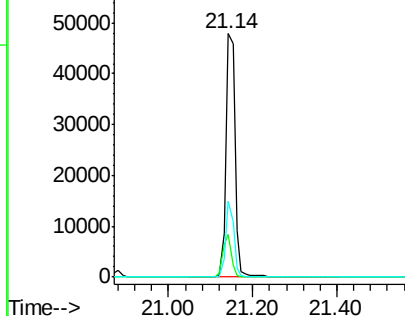
236 31.1 22.4 33.6

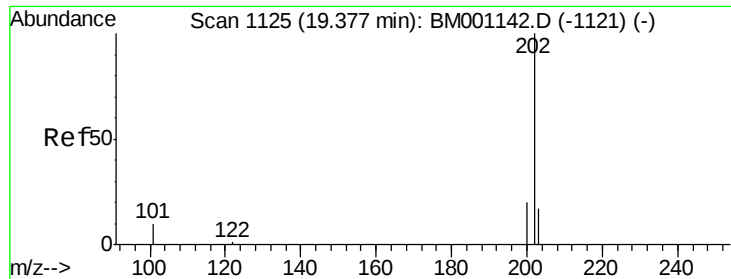


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

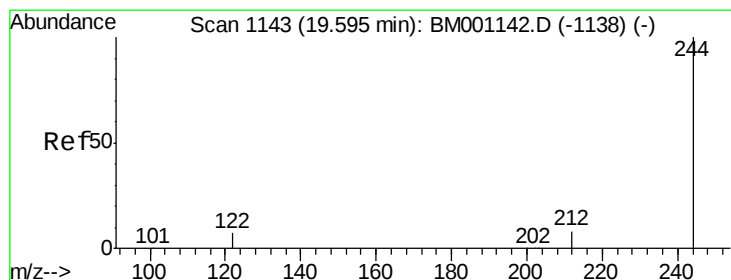
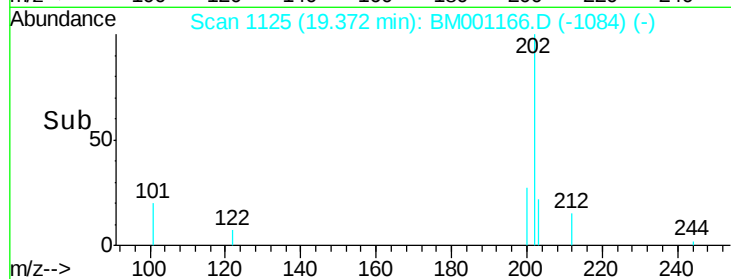
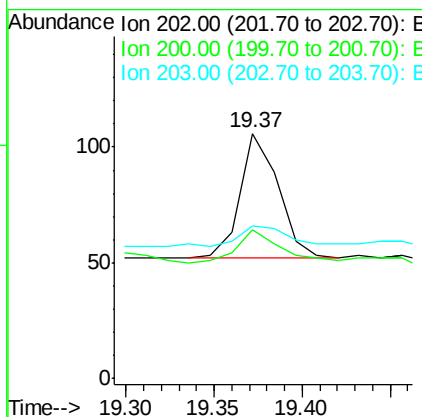
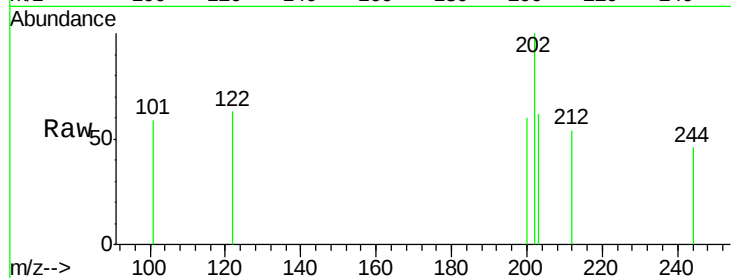




#25
 Pyrene
 Concen: 0.00 ng
 RT: 19.37 min Scan# 1125
 Delta R.T. -0.00 min
 Lab File: BM001166.D
 Acq: 02 May 2015 13:26

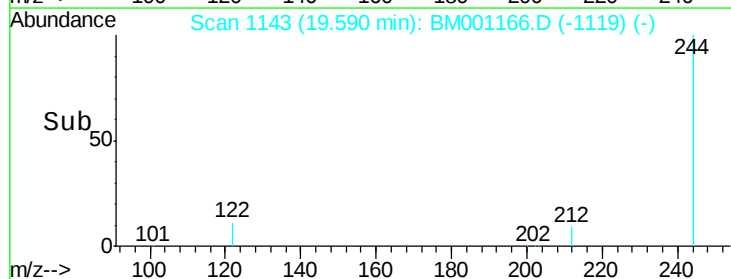
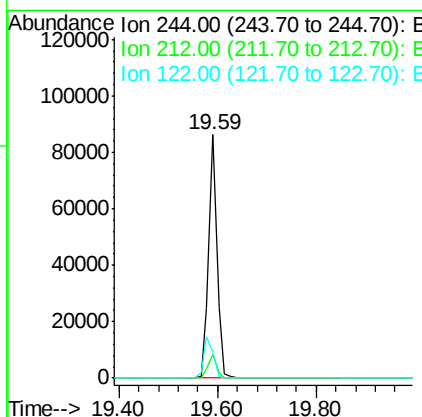
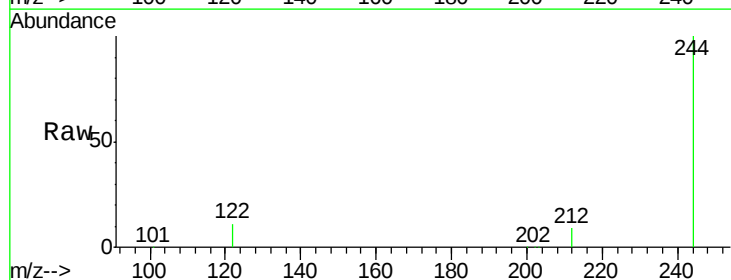
Instrument :
 BNA_M
 ClientSampleId :
 MWJ-4

Tgt Ion: 202 Resp: 81
 Ion Ratio Lower Upper
 202 100
 200 29.6 16.4 24.6#
 203 21.0 13.8 20.6#



#26
 Terphenyl-d14
 Concen: 10.18 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BM001166.D
 Acq: 02 May 2015 13:26

Tgt Ion: 244 Resp: 101094
 Ion Ratio Lower Upper
 244 100
 212 9.4 7.1 10.7
 122 10.6 6.2 9.4#





#27

Benzo(a)anthracene

Concen: 0.02 ng

RT: 21.14 min Scan# 1279

Delta R.T. 0.02 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

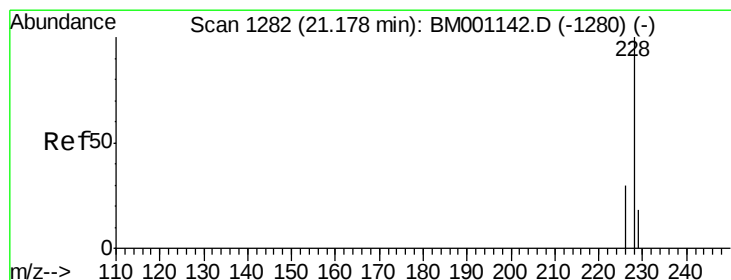
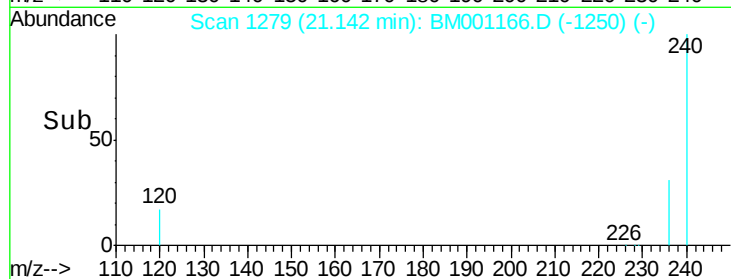
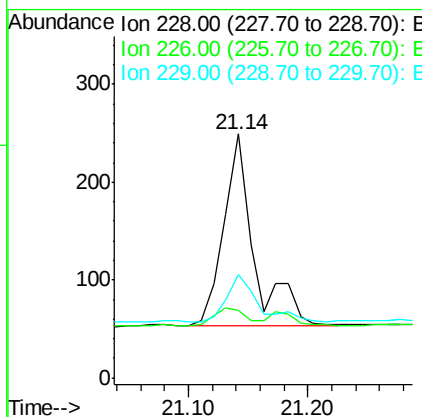
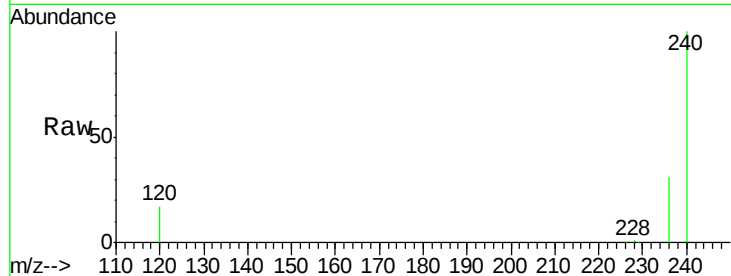
BNA_M

ClientSampleId :

MWJ-4

Tgt Ion:228 Resp: 350

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.8	34.2
229	42.2	14.4	21.6#



#28

Chrysene

Concen: 0.02 ng

RT: 21.14 min Scan# 1279

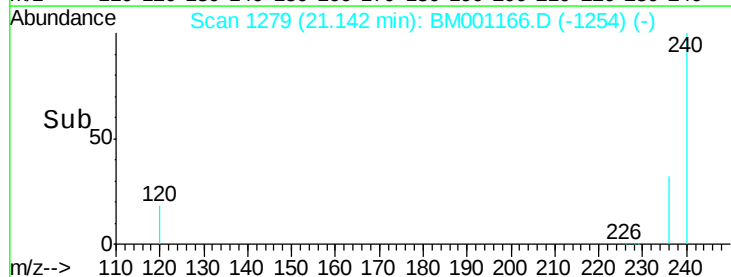
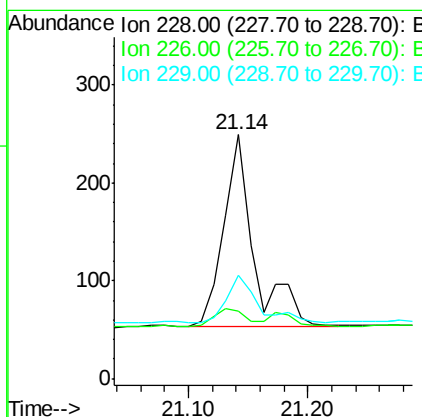
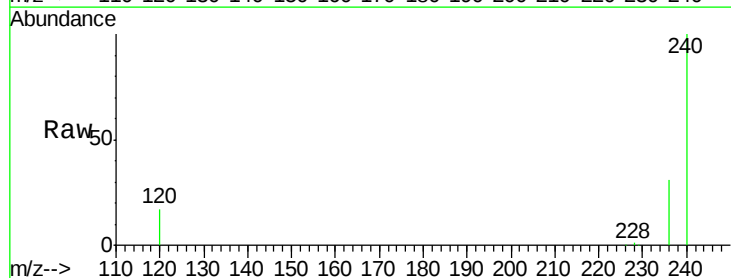
Delta R.T. -0.04 min

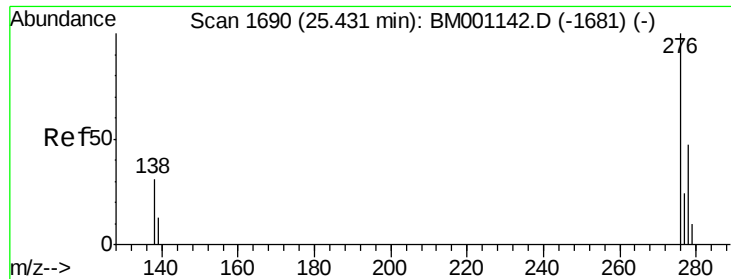
Lab File: BM001166.D

Acq: 02 May 2015 13:26

Tgt Ion:228 Resp: 350

Ion	Ratio	Lower	Upper
228	100		
226	27.7	24.4	36.6
229	42.2	14.3	21.5#





#29

Indeno(1,2,3-cd)pyrene

Concen: 0.00 ng

RT: 25.44 min Scan# 1691

Delta R.T. 0.01 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

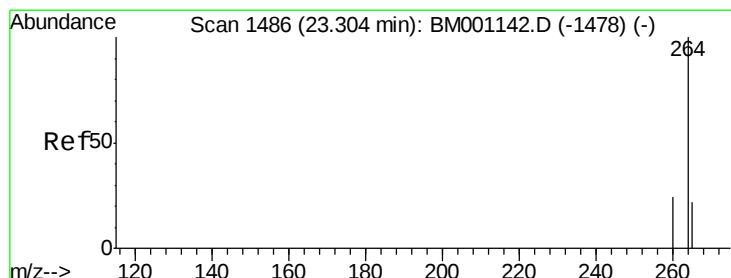
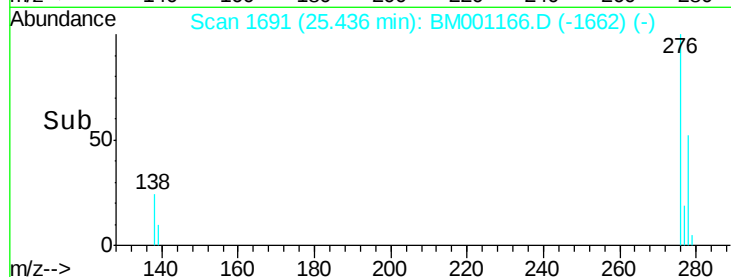
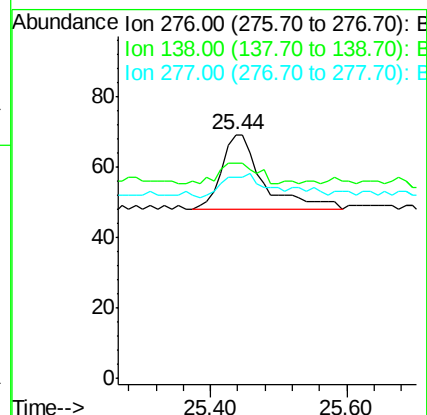
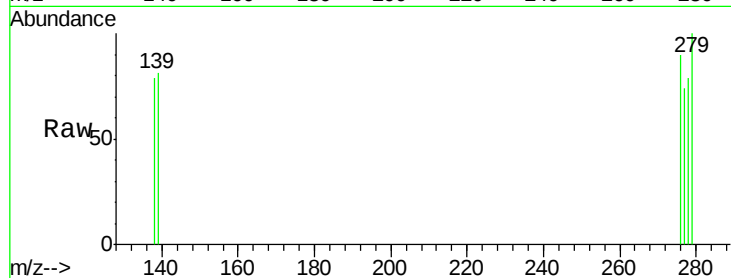
Tgt Ion:276 Resp: 88

Ion Ratio Lower Upper

276 100

138 26.1 24.2 36.4

277 0.0 19.8 29.6#



#30

Perylene-d12

Concen: 5.00 ng

RT: 23.30 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

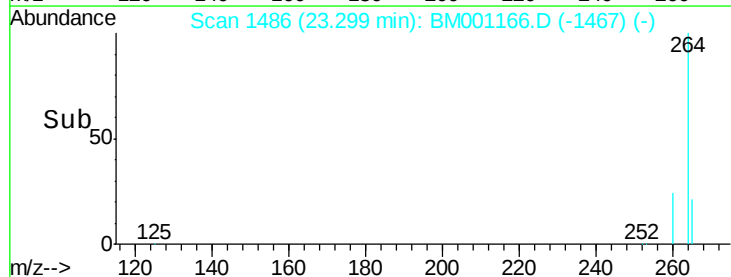
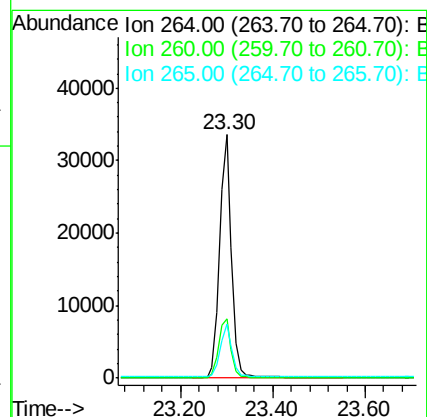
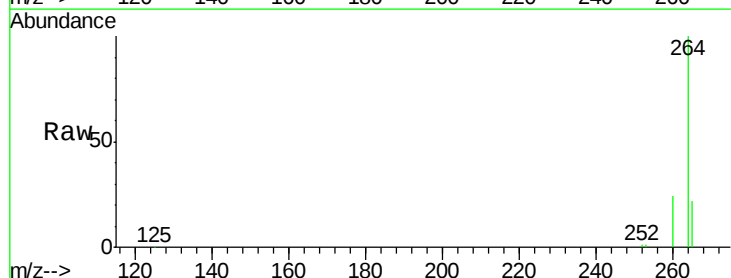
Tgt Ion:264 Resp: 60198

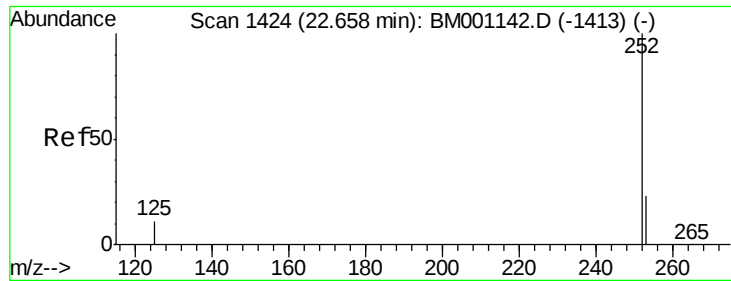
Ion Ratio Lower Upper

264 100

260 24.4 18.9 28.3

265 22.0 18.1 27.1





#31

Benzo(b)fluoranthene

Concen: 0.00 ng

RT: 22.65 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

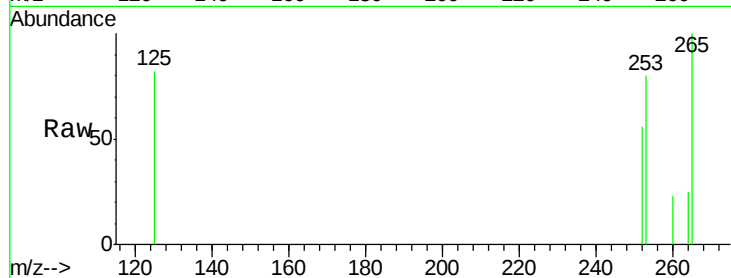
Tgt Ion:252 Resp: 69

Ion Ratio Lower Upper

252 100

253 143.4 19.0 28.4#

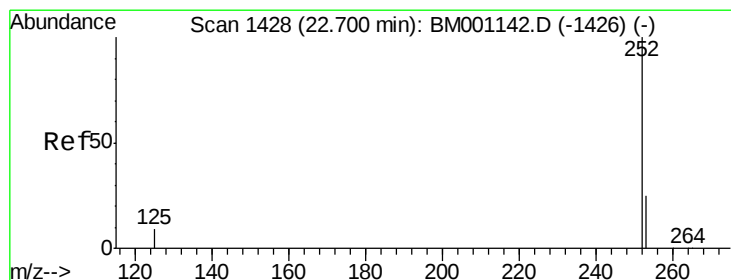
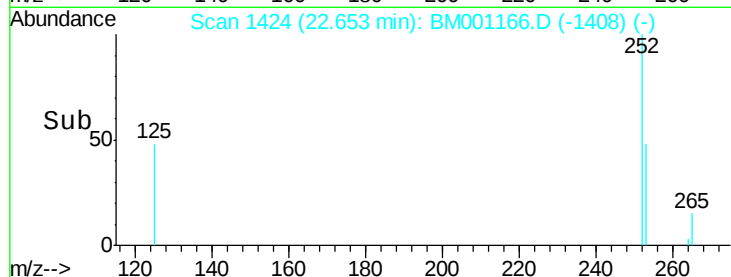
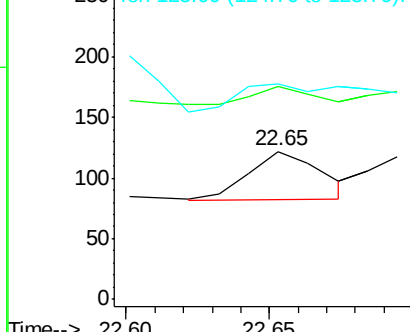
125 145.9 9.1 13.7#



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: 0.00 ng

RT: 22.69 min Scan# 1428

Delta R.T. 0.01 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

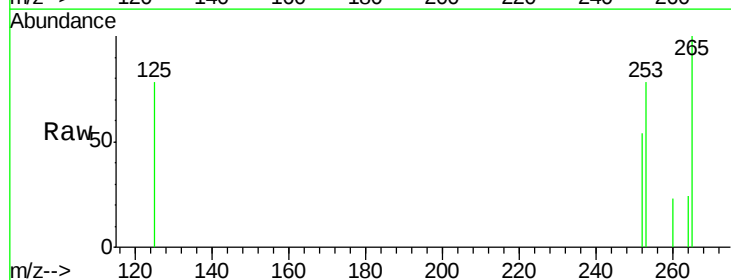
Tgt Ion:252 Resp: 64

Ion Ratio Lower Upper

252 100

253 144.9 19.1 28.7#

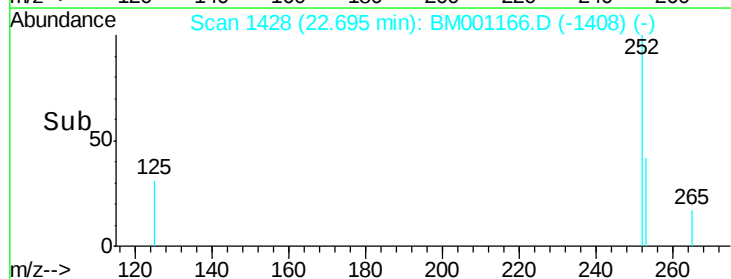
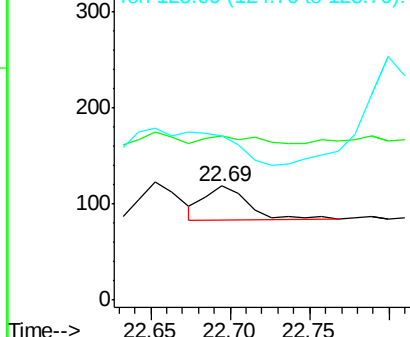
125 144.1 9.3 13.9#



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: 0.00 ng

RT: 23.20 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4

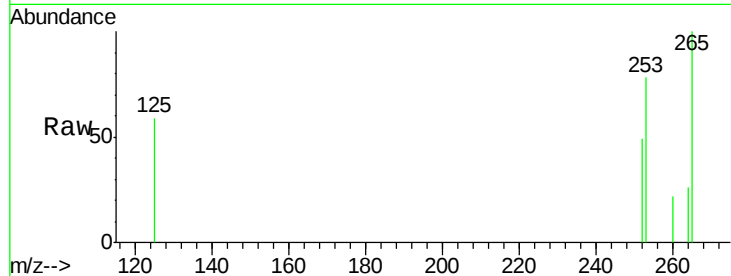
Tgt Ion: 252 Resp: 63

Ion Ratio Lower Upper

252 100

253 158.2 18.2 27.2#

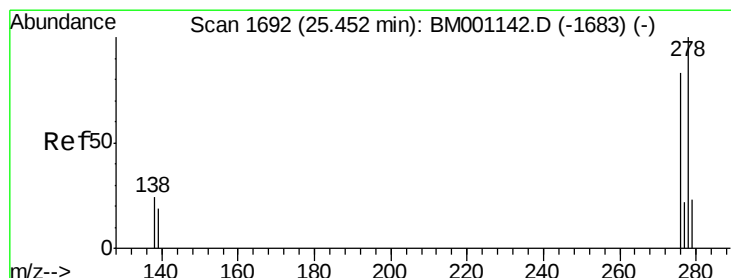
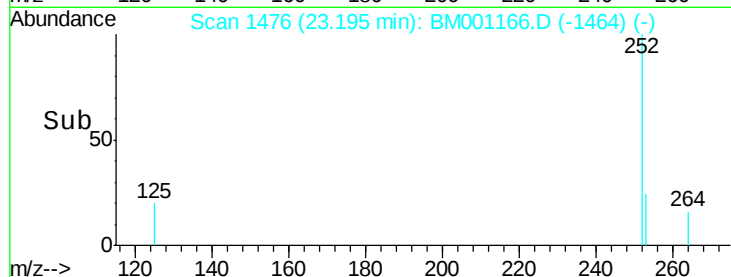
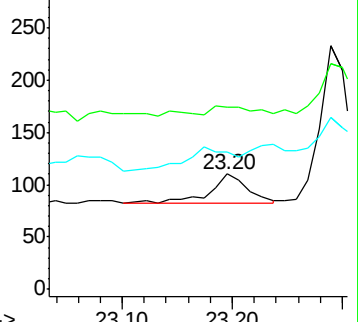
125 119.1 10.6 16.0#



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: 0.01 ng

RT: 25.45 min Scan# 1692

Delta R.T. 0.01 min

Lab File: BM001166.D

Acq: 02 May 2015 13:26

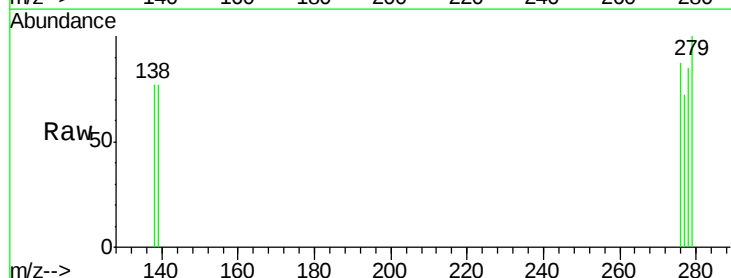
Tgt Ion: 278 Resp: 101

Ion Ratio Lower Upper

278 100

139 91.0 15.5 23.3#

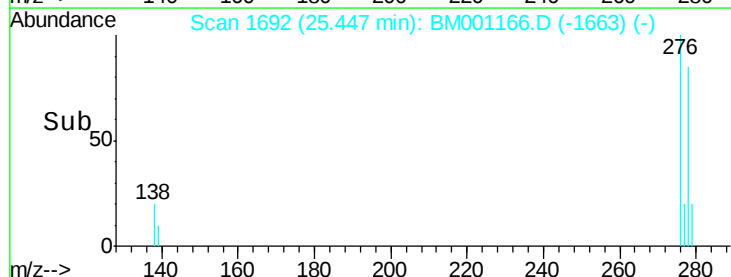
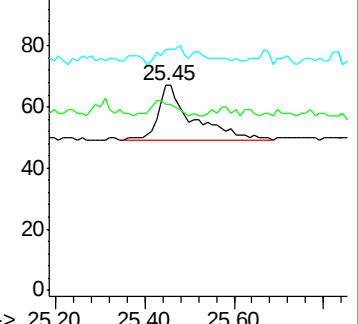
279 117.9 19.7 29.5#



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: 0.00 ng

RT: 26.08 min Scan# 1753

Delta R.T. -0.00 min

Lab File: BM001166.D

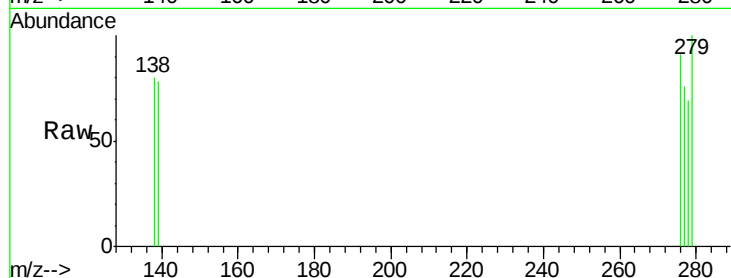
Acq: 02 May 2015 13:26

Instrument :

BNA_M

ClientSampleId :

MWJ-4



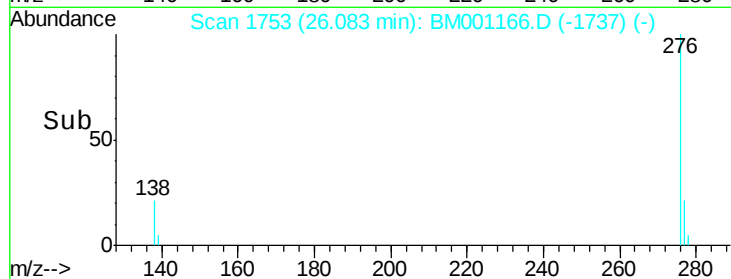
Tgt Ion: 276 Resp: 71

Ion Ratio Lower Upper

276 100

277 83.6 19.0 28.4#

138 88.1 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

