

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
 Data File : BM004470.D
 Acq On : 29 Feb 2016 04:26
 Operator : SJ/UM
 Sample : H1509-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3

Quant Time: Feb 29 06:34:27 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM022816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 29 05:57:18 2016
 Response via : Initial Calibration

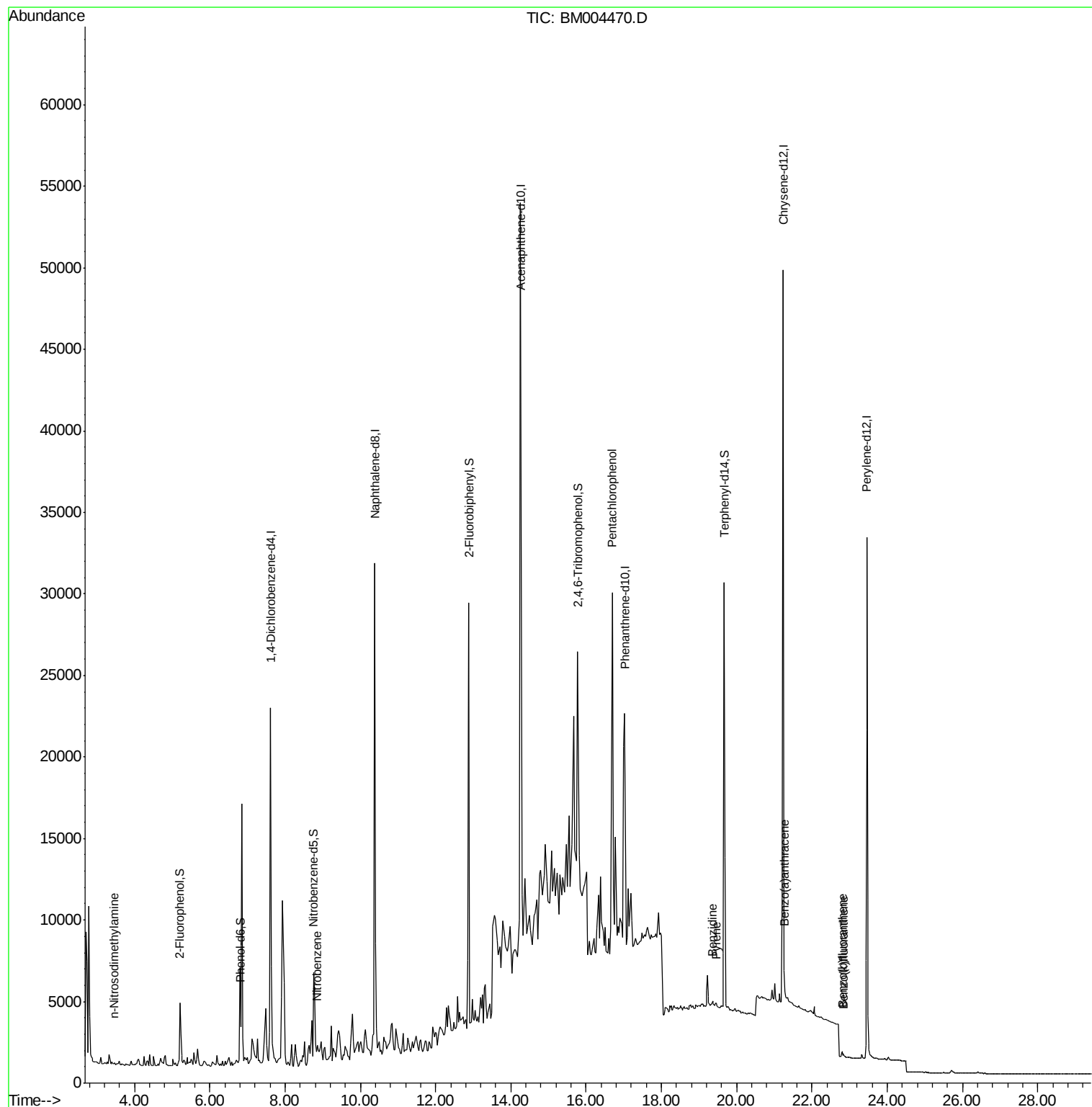
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	12939	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	49773	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	40574	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	36170	5.00	ng	0.00
19) Chrysene-d12	21.24	240	53403	5.00	ng	0.00
28) Perylene-d12	23.46	264	42414	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	5144	1.81	ng	0.00
5) Phenol-d6	6.83	99	4048	1.25	ng	0.00
8) Nitrobenzene-d5	8.76	82	7753	2.82	ng	-0.02
13) 2,4,6-Tribromophenol	15.78	330	14437	6.98	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	32692	2.64	ng	0.00
22) Terphenyl-d14	19.67	244	30513	4.49	ng	-0.02
Target Compounds						
3) n-Nitrosodimethylamine	3.47	42	103	0.11	ng	# 99
9) Nitrobenzene	8.86	77	203	0.07	ng	# 16
16) Hexachlorobenzene	16.32	284	4	Below Cal	#	100
17) Pentachlorophenol	16.69	266	19170	19.56	ng	# 83
20) Benzidine	19.36	184	249	0.46	ng	# 1
21) Pyrene	19.46	202	370	0.02	ng	# 82
23) Benzo(a)anthracene	21.26	228	1177	0.08	ng	# 36
25) Chrysene	21.26	228	1236	Below Cal	#	48
26) Bis(2-ethylhexyl)phthalate	21.14	149	808	Below Cal	#	97
29) Benzo(b)fluoranthene	22.80	252	450	0.03	ng	# 1
30) Benzo(k)fluoranthene	22.85	252	286	0.02	ng	# 1

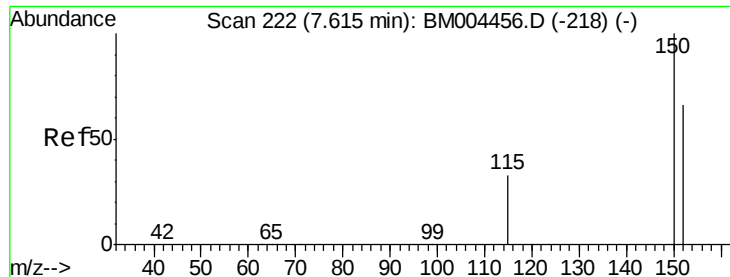
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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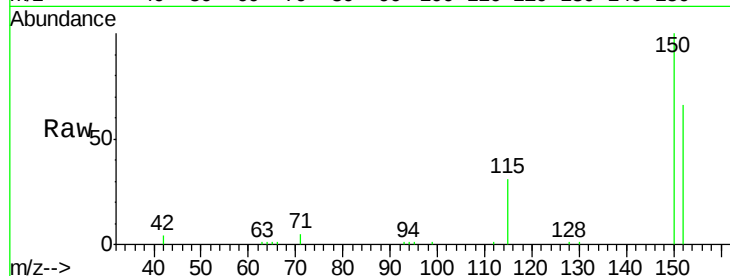


#1

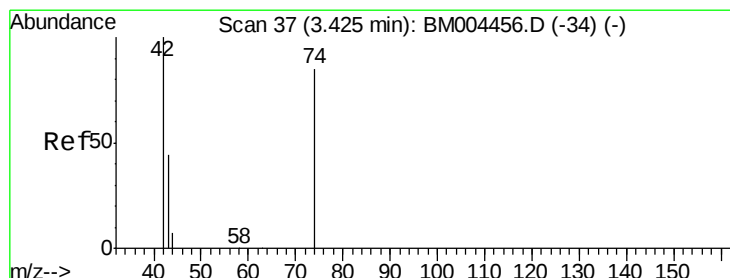
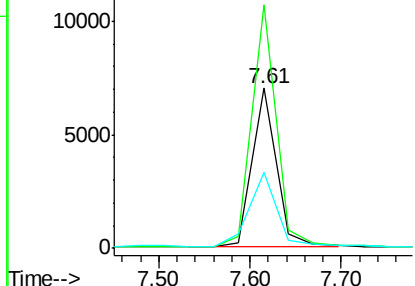
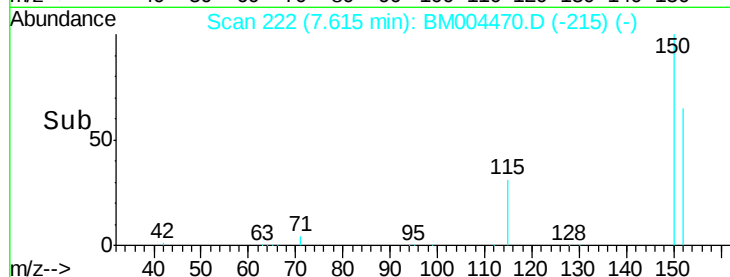
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. 0.00 min
Lab File: BM004470.D
Acq: 29 Feb 2016 04:26

Instrument :
BNA_M
ClientSampleId :
MW-3

Tot Ion:152 Resp: 12939
Ion Ratio Lower Upper
152 100
150 152.4 123.9 185.9
115 47.5 40.6 61.0



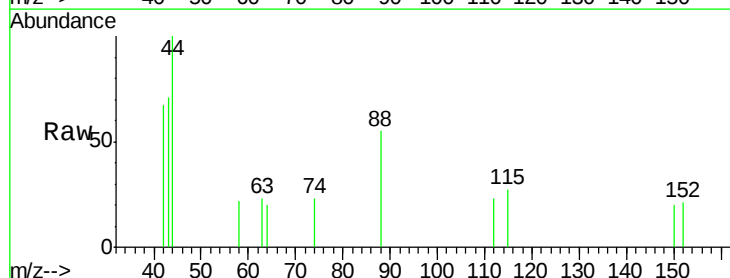
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



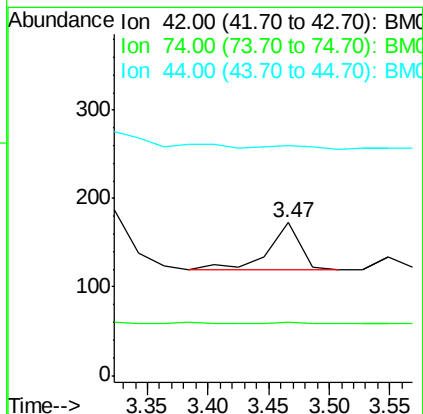
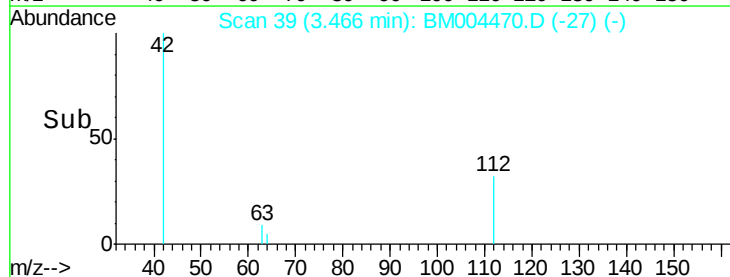
#3

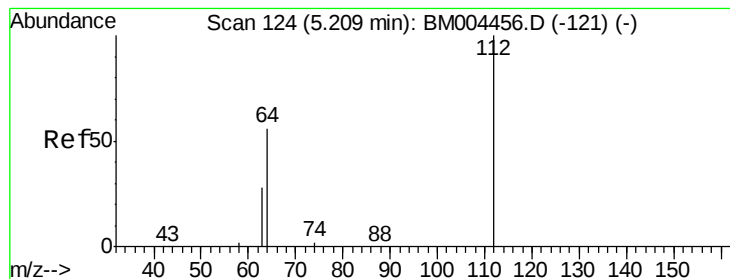
n-Nitrosodimethylamine
Concen: 0.11 ng
RT: 3.47 min Scan# 39
Delta R.T. 0.04 min
Lab File: BM004470.D
Acq: 29 Feb 2016 04:26

Tgt Ion: 42 Resp: 103
Ion Ratio Lower Upper
42 100
74 8.7 0.0 0.0#
44 6.8 5.8 8.6



Abundance Ion 42.00 (41.70 to 42.70): BM0
Ion 74.00 (73.70 to 74.70): BM0
Ion 44.00 (43.70 to 44.70): BM0





#4

2-Fluorophenol

Concen: 1.81 ng

RT: 5.21 min Scan# 124

Delta R.T. 0.00 min

Lab File: BM004470.D

Acq: 29 Feb 2016 04:26

Instrument :

BNA_M

ClientSampled :

MW-3

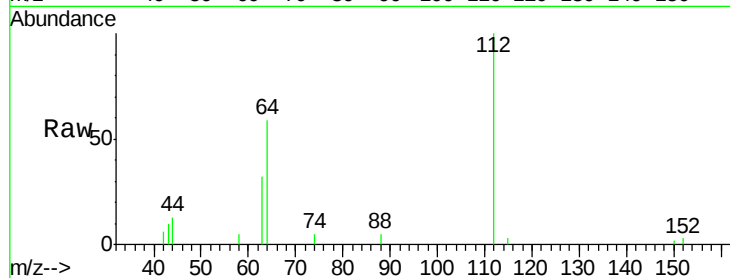
Tot Ion:112 Resp: 5144

Ion Ratio Lower Upper

112 100

64 47.5 39.4 59.2

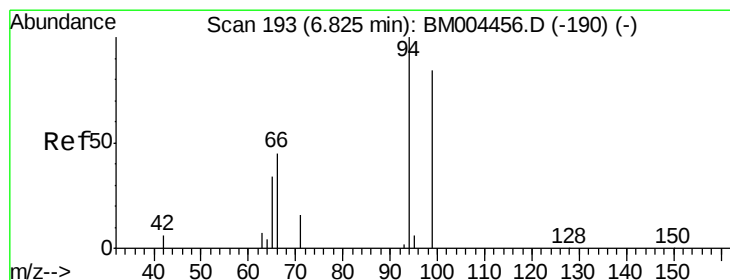
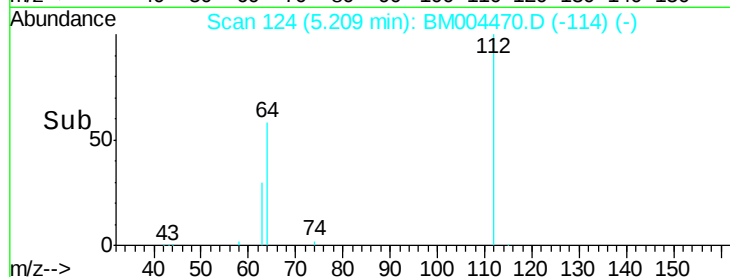
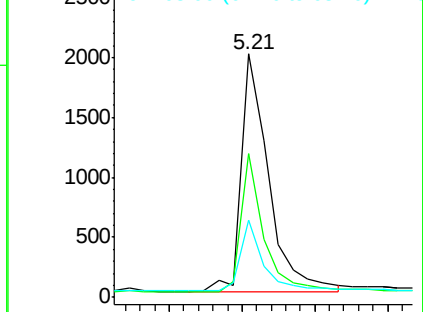
63 24.7 19.9 29.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#5

Phenol-d6

Concen: 1.25 ng

RT: 6.83 min Scan# 193

Delta R.T. 0.00 min

Lab File: BM004470.D

Acq: 29 Feb 2016 04:26

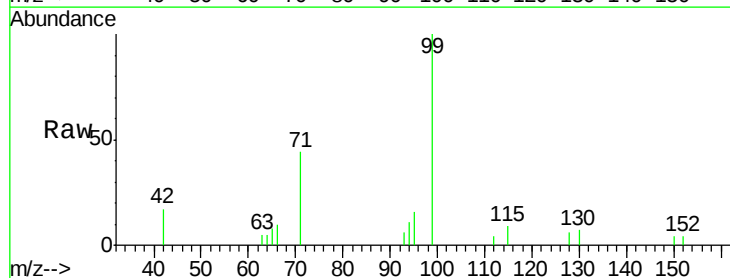
Tgt Ion: 99 Resp: 4048

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

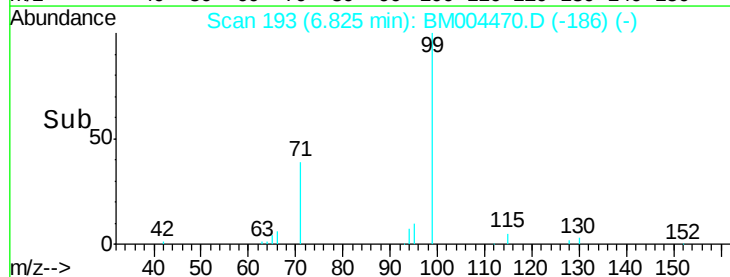
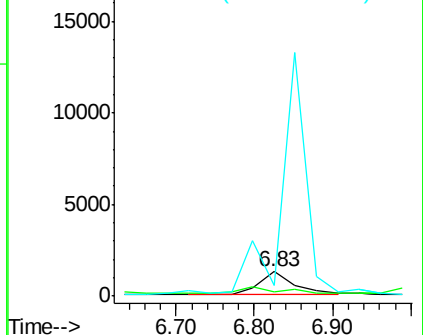
71 0.0 0.0 0.0

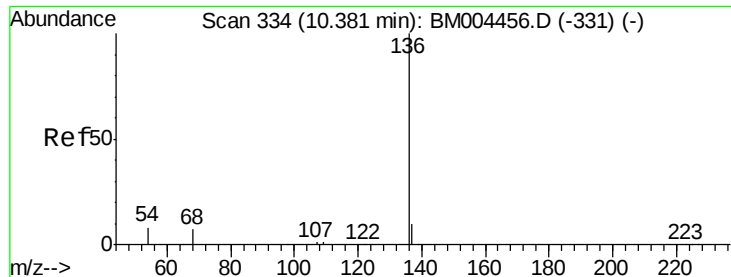


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. 0.00 min

Lab File: BM004470.D

Acq: 29 Feb 2016 04:26

Instrument :

BNA_M

ClientSampleId :

MW-3

Tot Ion:136 Resp: 49773

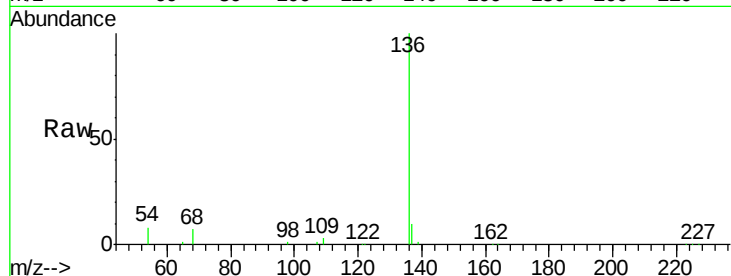
Ion Ratio Lower Upper

136 100

137 10.5 8.0 12.0

54 8.0 7.0 10.6

68 7.2 5.8 8.6

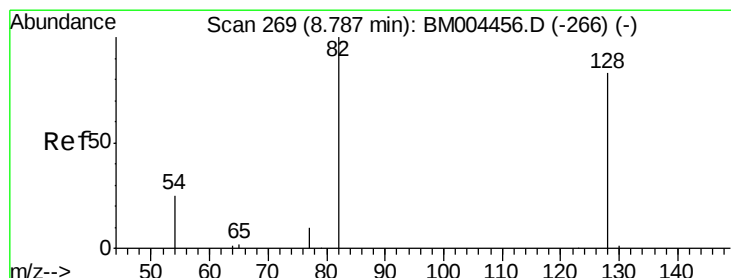
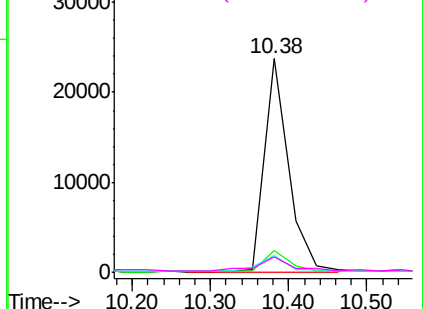
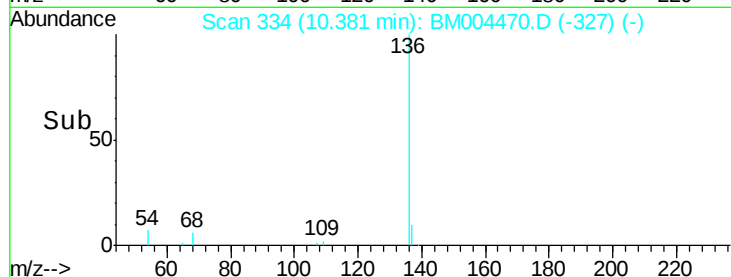


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#8

Nitrobenzene-d5

Concen: 2.82 ng

RT: 8.76 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM004470.D

Acq: 29 Feb 2016 04:26

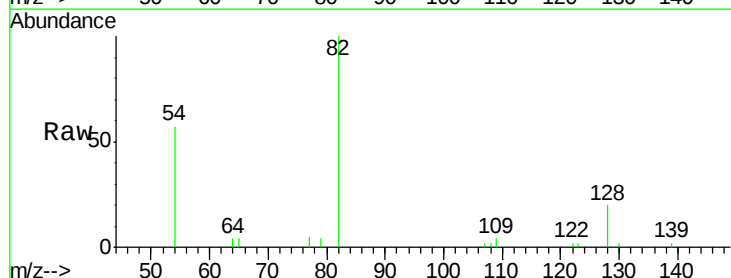
Tgt Ion: 82 Resp: 7753

Ion Ratio Lower Upper

82 100

128 19.9 67.0 100.6#

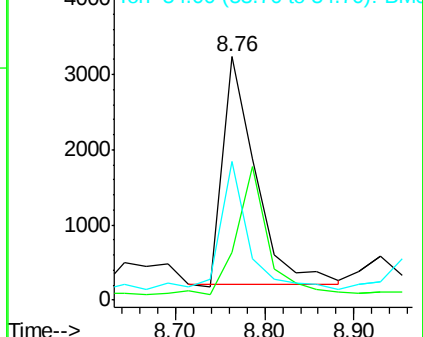
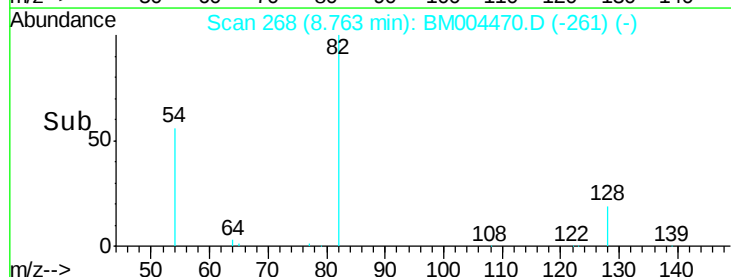
54 57.0 25.2 37.8#

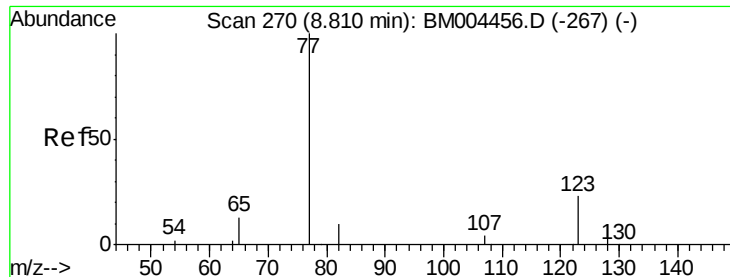


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.07 ng

RT: 8.86 min Scan# 272

Delta R.T. 0.05 min

Lab File: BM004470.D

Acq: 29 Feb 2016 04:26

Instrument :

BNA_M

ClientSampleId :

MW-3

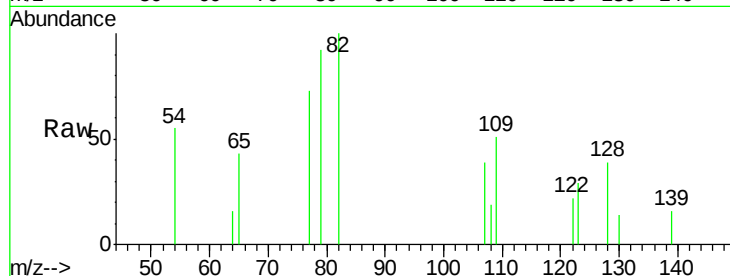
Tot Ion: 77 Resp: 203

Ion Ratio Lower Upper

77 100

123 0.0 0.0 0.0

65 45.8 10.1 15.1#

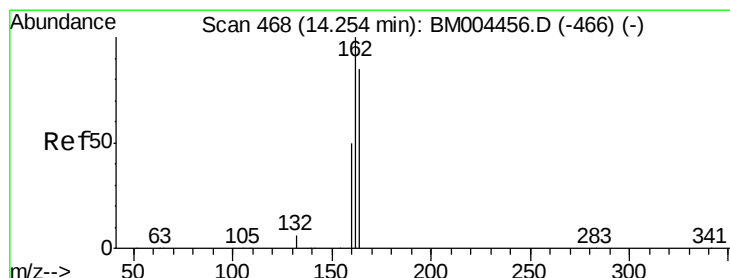
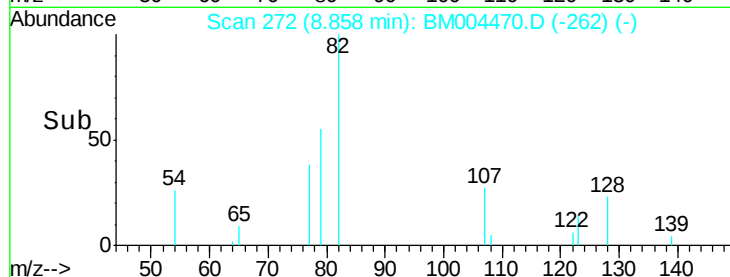
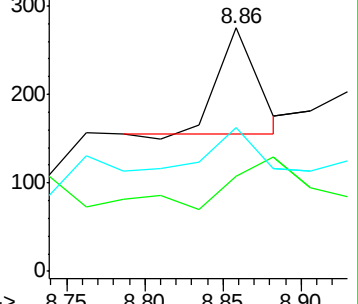


Abundance Ion 77.00 (76.70 to 77.70): BM004456.D (-267) (-)

Ion 123.00 (122.70 to 123.70): BM004456.D (-267) (-)

Ion 65.00 (64.70 to 65.70): BM004456.D (-267) (-)

Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 468

Delta R.T. 0.00 min

Lab File: BM004470.D

Acq: 29 Feb 2016 04:26

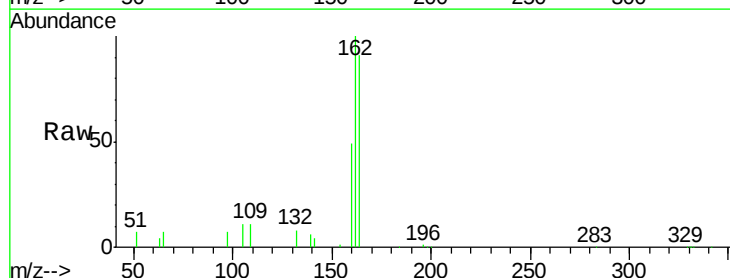
Tgt Ion: 164 Resp: 40574

Ion Ratio Lower Upper

164 100

162 110.3 94.6 141.8

160 53.8 47.0 70.4

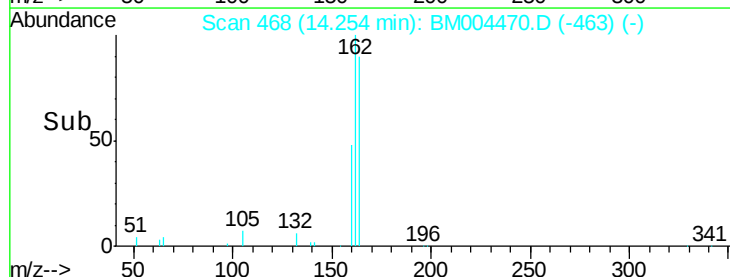
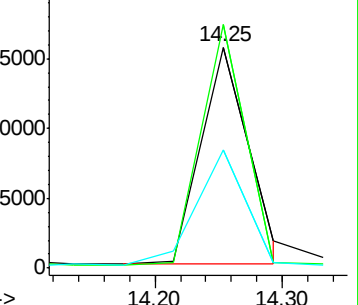


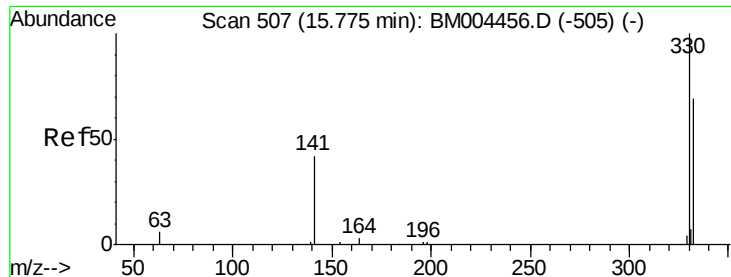
Abundance Ion 164.00 (163.70 to 164.70): BM004456.D (-466) (-)

Ion 162.00 (161.70 to 162.70): BM004456.D (-466) (-)

Ion 160.00 (159.70 to 160.70): BM004456.D (-466) (-)

Time-->

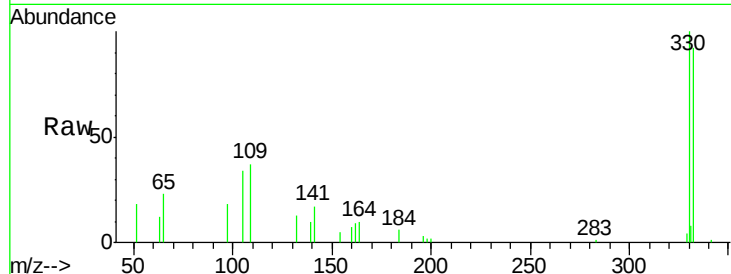




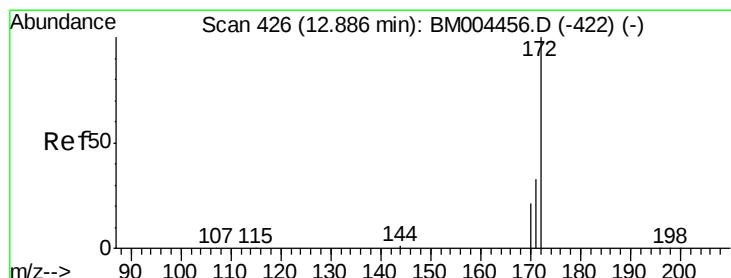
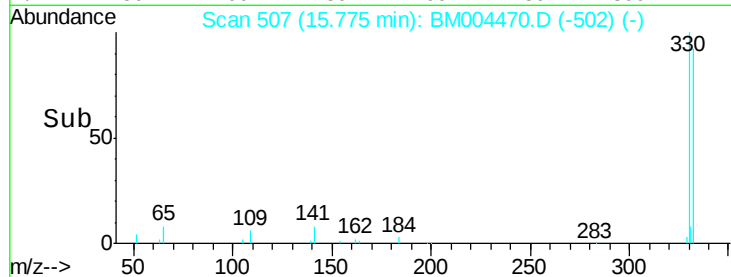
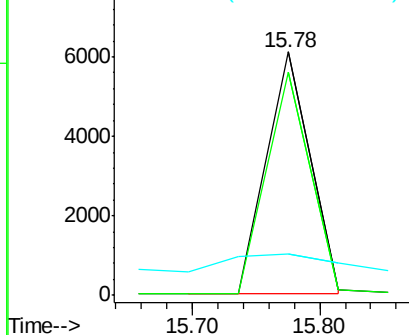
#13
 2,4,6-Tribromophenol
 Concen: 6.98 ng
 RT: 15.78 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BM004470.D
 Acq: 29 Feb 2016 04:26

Instrument :
 BNA_M
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 MW-3

Tot Ion:330 Resp: 14437
 Ion Ratio Lower Upper
 330 100
 332 92.0 59.2 88.8#
 141 17.3 33.0 49.4#

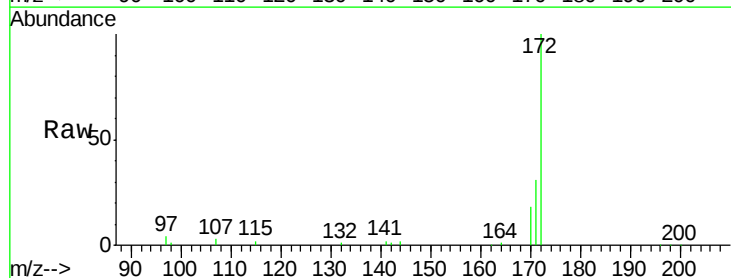


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

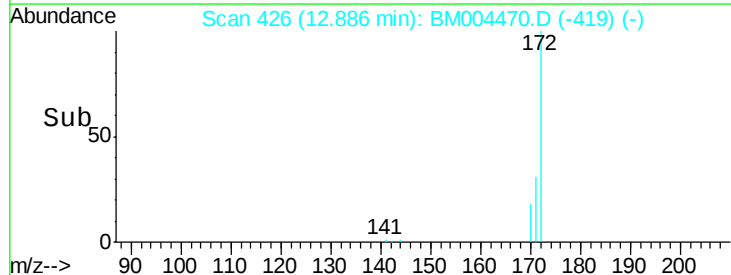
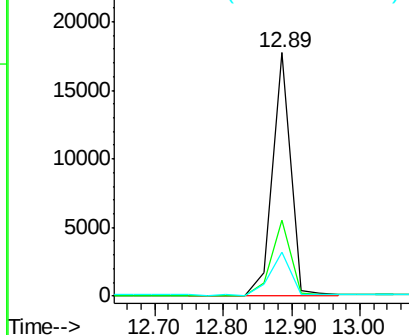


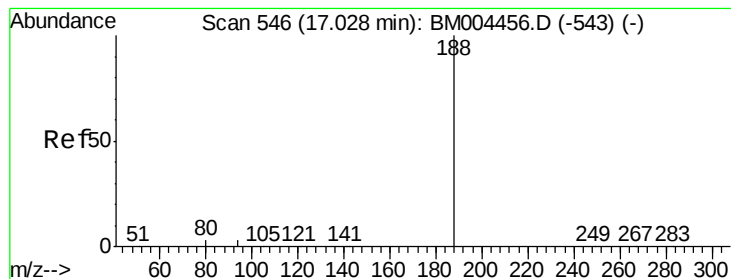
#14
 2-Fluorobiphenyl
 Concen: 2.64 ng
 RT: 12.89 min Scan# 426
 Delta R.T. 0.00 min
 Lab File: BM004470.D
 Acq: 29 Feb 2016 04:26

Tgt Ion:172 Resp: 32692
 Ion Ratio Lower Upper
 172 100
 171 31.2 27.2 40.8
 170 18.1 17.4 26.0



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

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.03 min Scan# 546

Delta R.T. 0.00 min

Lab File: BM004470.D

Acq: 29 Feb 2016 04:26

Instrument :

BNA_M

ClientSampleId :

MW-3

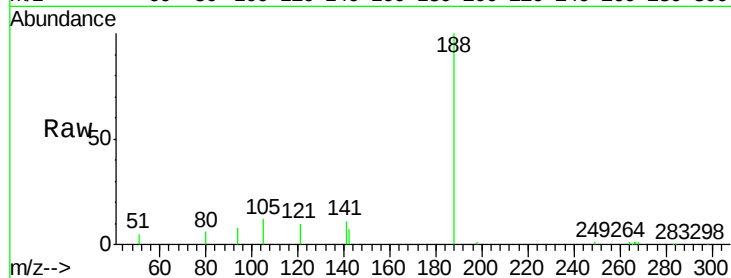
Tot Ion:188 Resp: 36170

Ion Ratio Lower Upper

188 100

94 8.2 2.7 4.1#

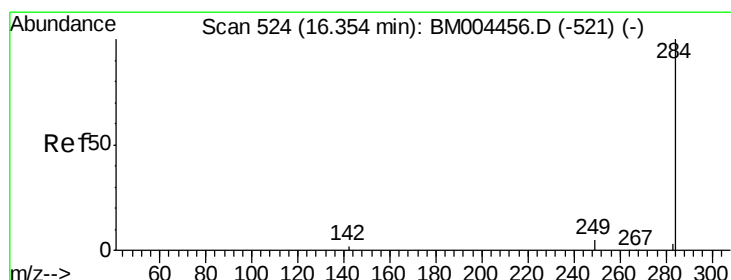
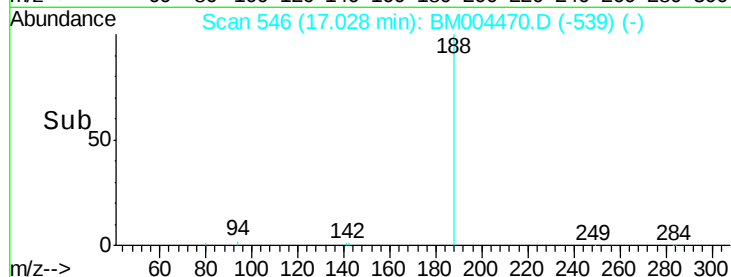
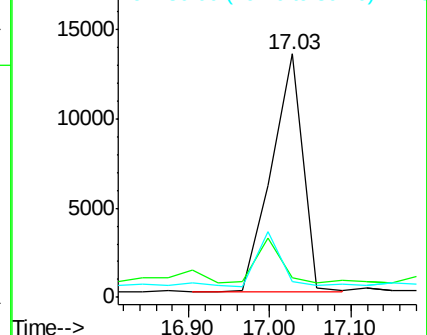
80 6.4 2.2 3.4#



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



#16

Hexachlorobenzene

Concen: Below Cal

RT: 16.32 min Scan# 523

Delta R.T. -0.03 min

Lab File: BM004470.D

Acq: 29 Feb 2016 04:26

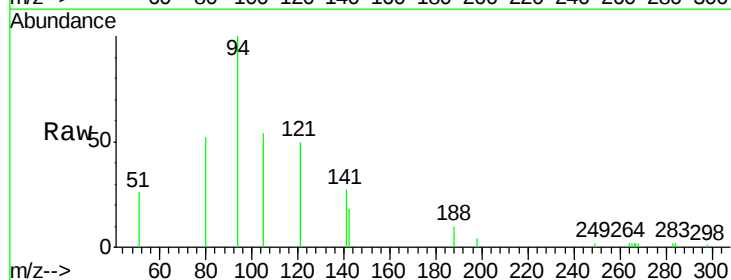
Tgt Ion:284 Resp: 4

Ion Ratio Lower Upper

284 100

142 15700.0 0.0 0.0#

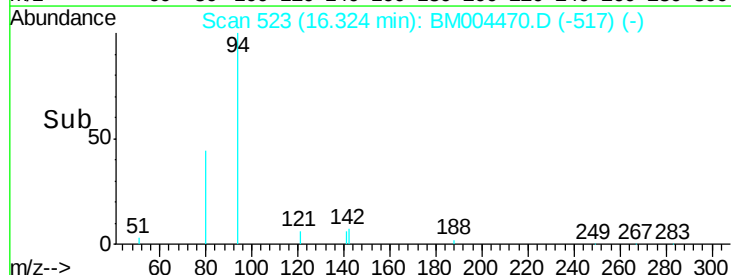
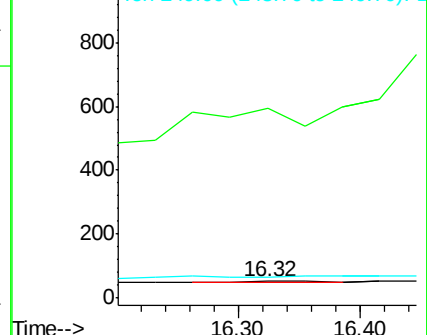
249 0.0 0.0 0.0

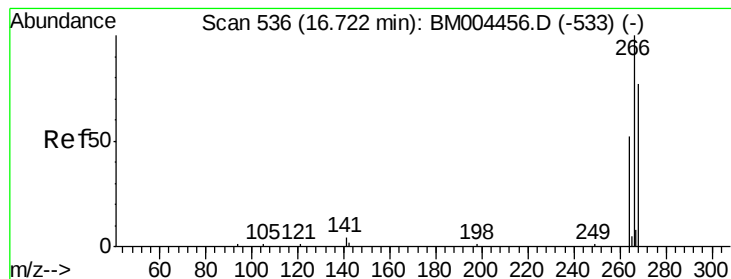


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#17

Pentachlorophenol

Concen: 19.56 ng

RT: 16.69 min Scan# 535

Delta R.T. -0.03 min

Lab File: BM004470.D

Acq: 29 Feb 2016 04:26

Instrument :

BNA_M

ClientSampleId :

MW-3

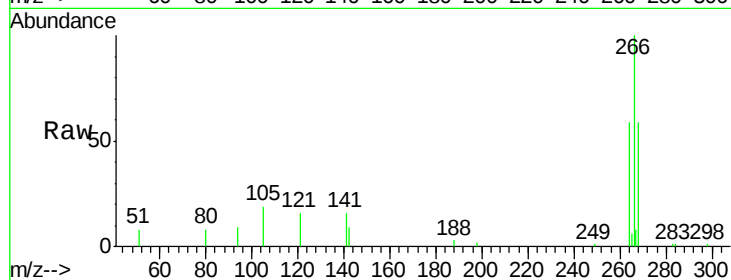
Tot Ion:266 Resp: 19170

Ion Ratio Lower Upper

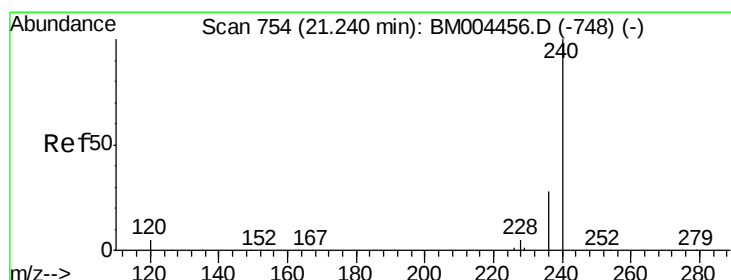
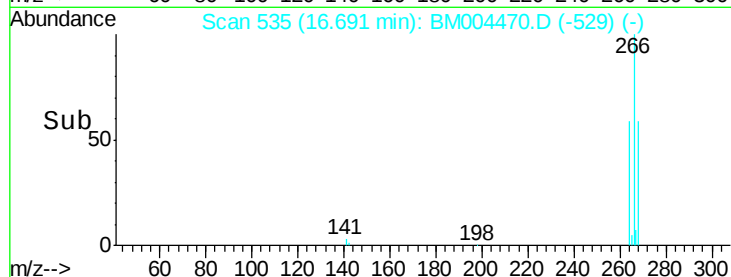
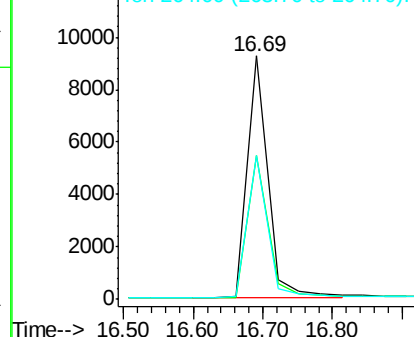
266 100

268 59.3 66.8 100.2#

264 58.9 49.4 74.0



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



#19

Chrysene-d12

Concen: 5.00 ng

RT: 21.24 min Scan# 754

Delta R.T. 0.00 min

Lab File: BM004470.D

Acq: 29 Feb 2016 04:26

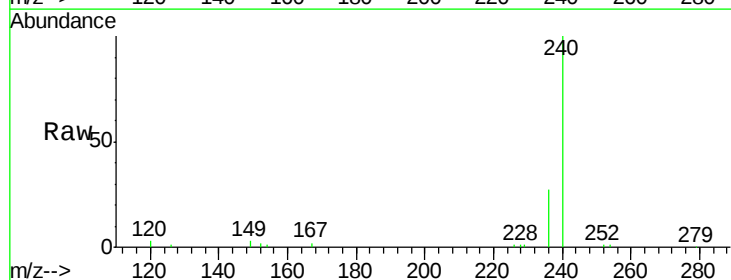
Tgt Ion:240 Resp: 53403

Ion Ratio Lower Upper

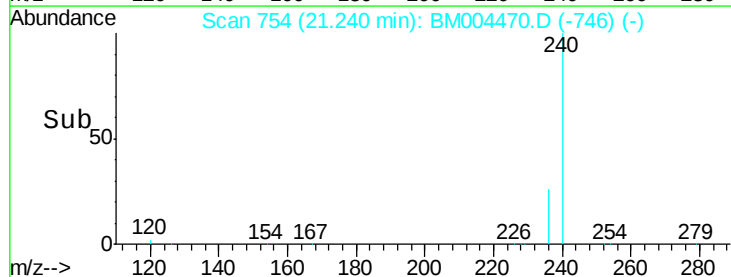
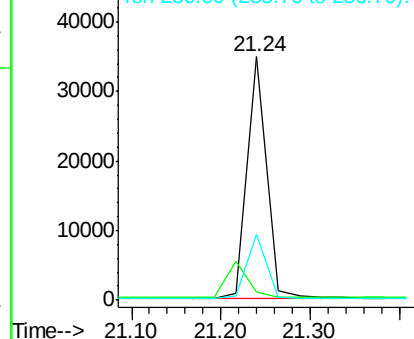
240 100

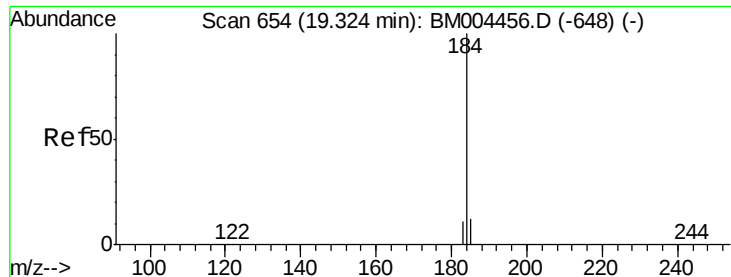
120 3.2 4.0 6.0#

236 26.8 22.7 34.1



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

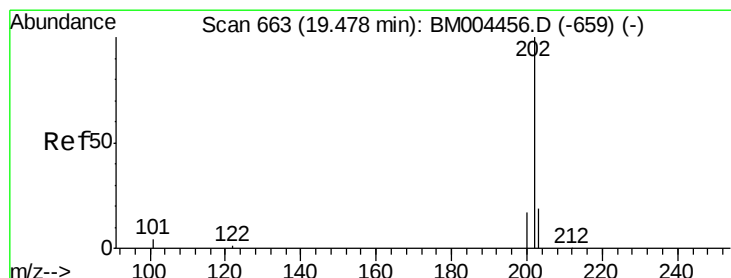
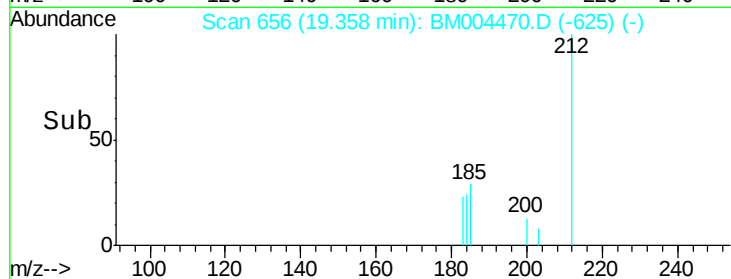
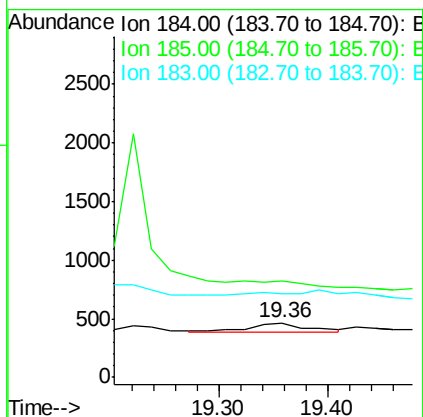
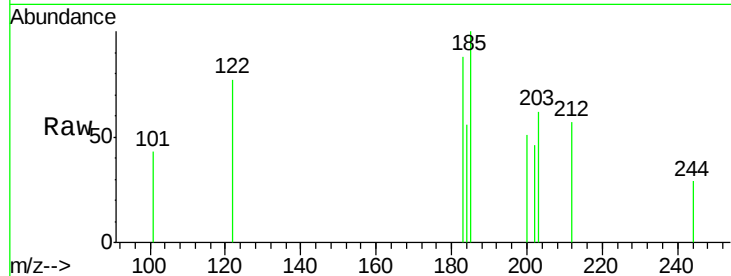




#20
Benzidine
Concen: 0.46 ng
RT: 19.36 min Scan# 656
Delta R.T. 0.03 min
Lab File: BM004470.D
Acq: 29 Feb 2016 04:26

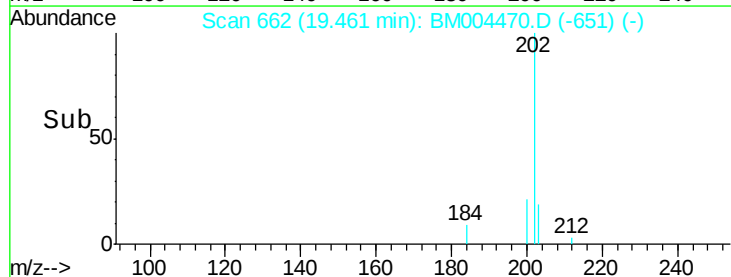
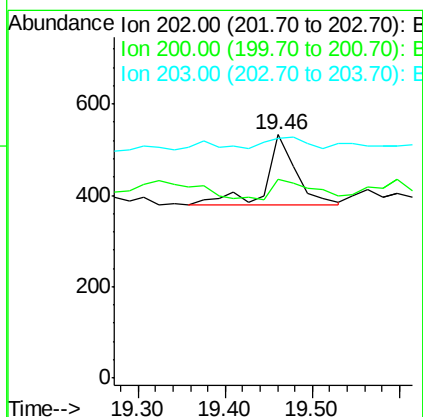
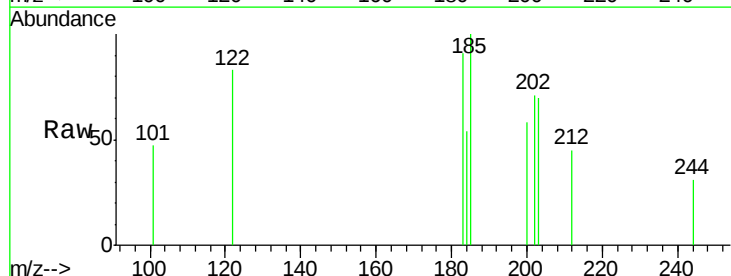
Instrument :
BNA_M
ClientSampled :
MW-3

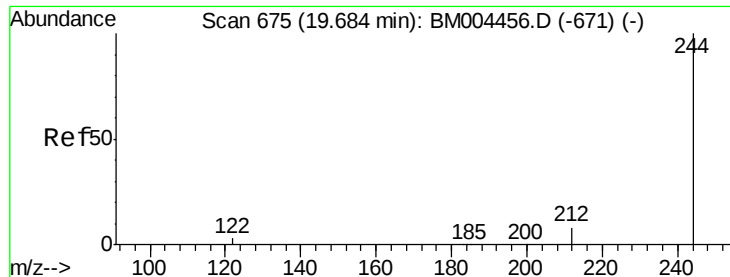
Tot Ion:184 Resp: 249
Ion Ratio Lower Upper
184 100
185 177.3 20.8 31.2#
183 155.3 18.5 27.7#



#21
Pyrene
Concen: 0.02 ng
RT: 19.46 min Scan# 662
Delta R.T. -0.02 min
Lab File: BM004470.D
Acq: 29 Feb 2016 04:26

Tgt Ion:202 Resp: 370
Ion Ratio Lower Upper
202 100
200 33.5 16.6 24.8#
203 20.5 13.9 20.9

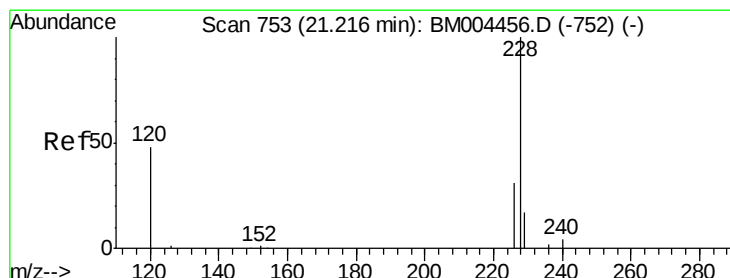
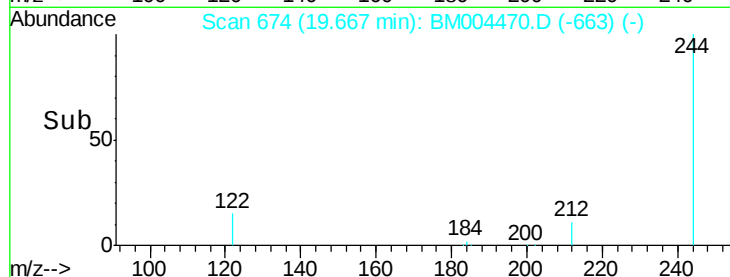
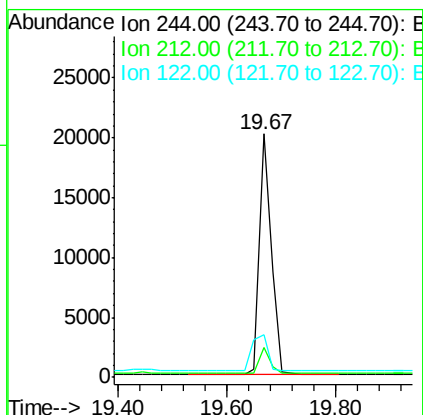
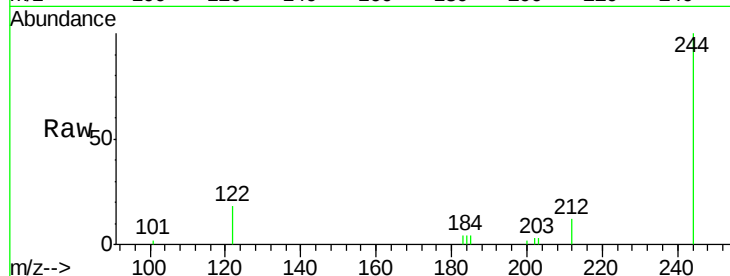




#22
 Terphenyl-d14
 Concen: 4.49 ng
 RT: 19.67 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BM004470.D
 Acq: 29 Feb 2016 04:26

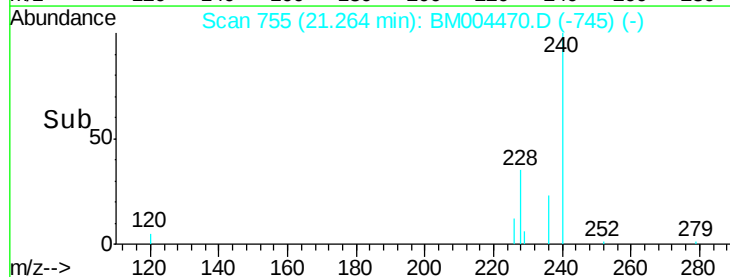
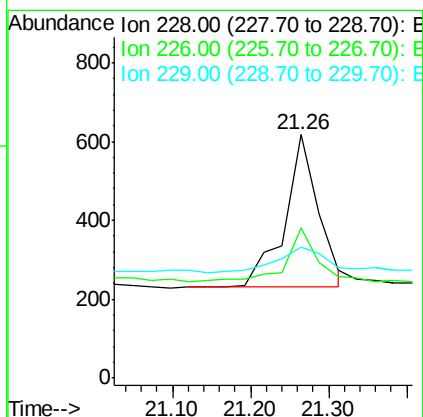
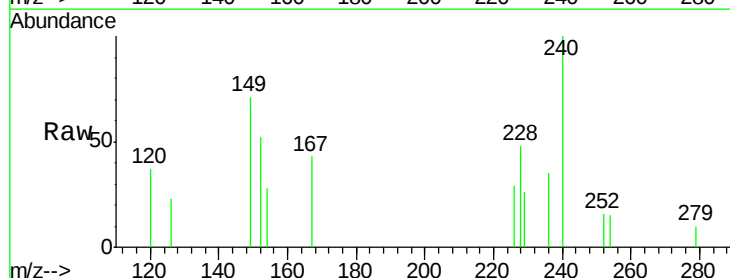
Instrument :
 BNA_M
 ClientSampleId :
 MW-3

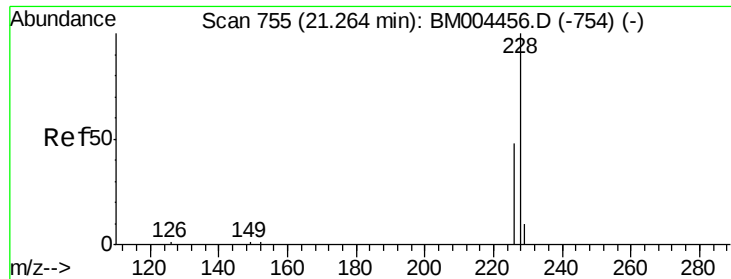
Tot Ion:244 Resp: 30513
 Ion Ratio Lower Upper
 244 100
 212 12.4 7.4 11.2#
 122 17.7 4.2 6.2#



#23
 Benzo(a)anthracene
 Concen: 0.08 ng
 RT: 21.26 min Scan# 755
 Delta R.T. 0.05 min
 Lab File: BM004470.D
 Acq: 29 Feb 2016 04:26

Tgt Ion:228 Resp: 1177
 Ion Ratio Lower Upper
 228 100
 226 61.5 25.1 37.7#
 229 53.7 14.2 21.4#

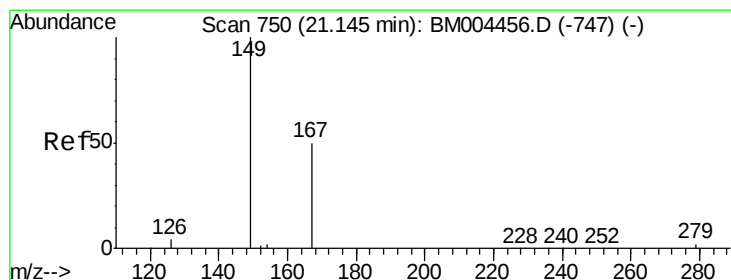
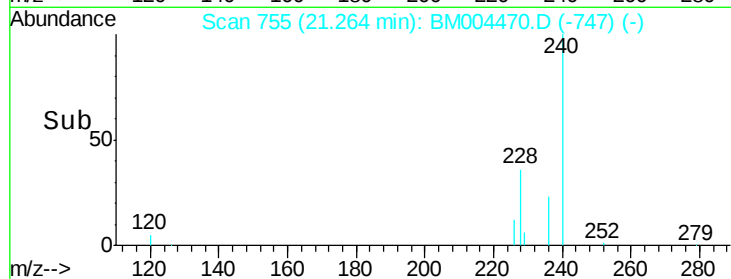
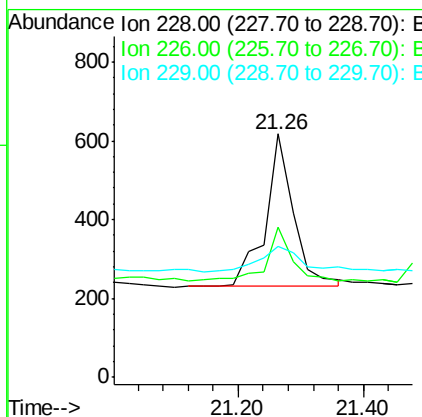
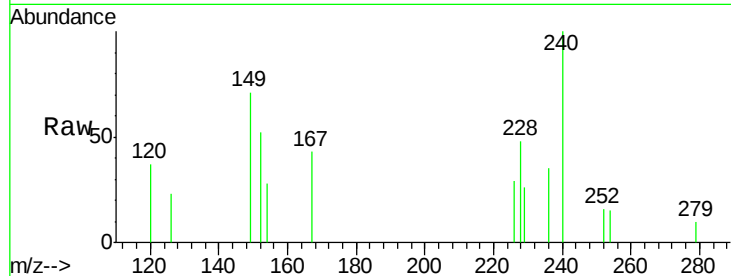




#25
 Chrysene
 Concen: Below Cal
 RT: 21.26 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BM004470.D
 Acq: 29 Feb 2016 04:26

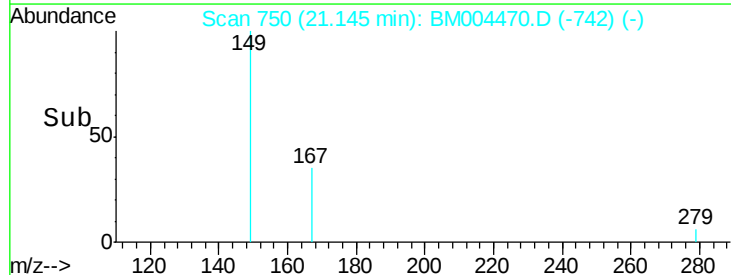
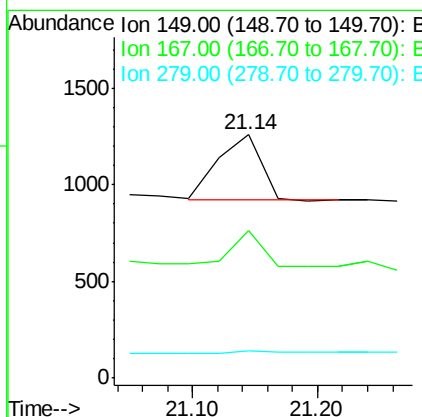
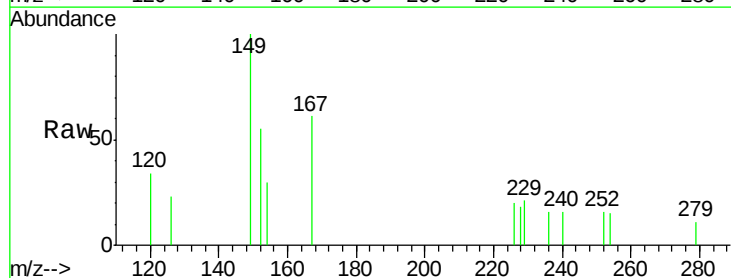
Instrument :
 BNA_M
 ClientSampleId :
 MW-3

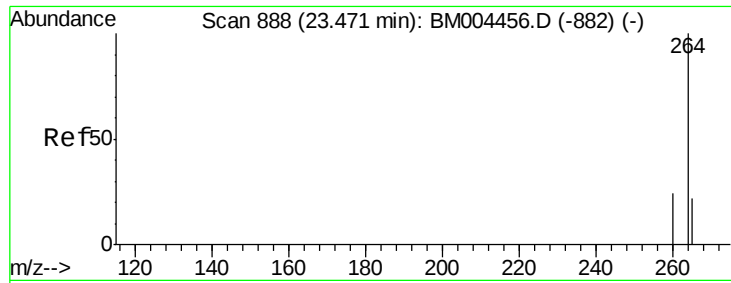
Tot Ion:228 Resp: 1236
 Ion Ratio Lower Upper
 228 100
 226 61.5 31.0 46.6#
 229 53.7 13.4 20.2#



#26
 Bis(2-ethylhexyl)phthalate
 Concen: Below Cal
 RT: 21.14 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BM004470.D
 Acq: 29 Feb 2016 04:26

Tgt Ion:149 Resp: 808
 Ion Ratio Lower Upper
 149 100
 167 42.3 33.1 49.7
 279 10.3 2.0 3.0#

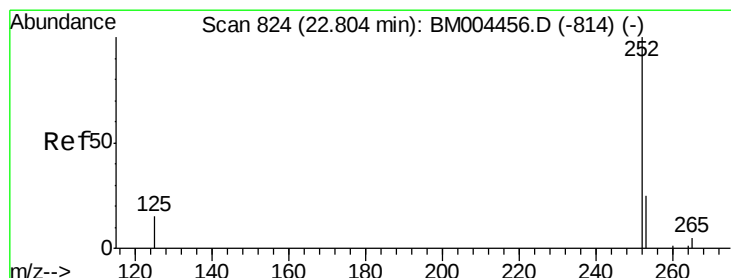
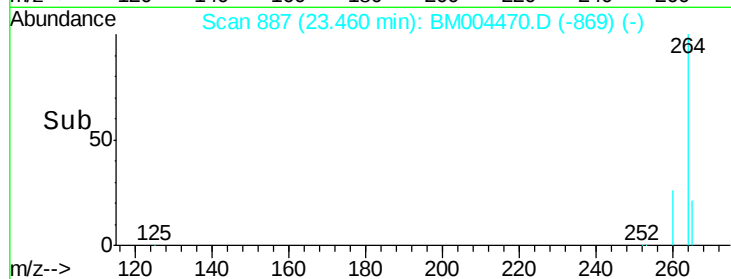
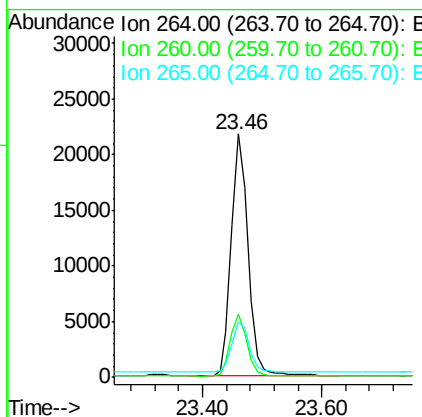
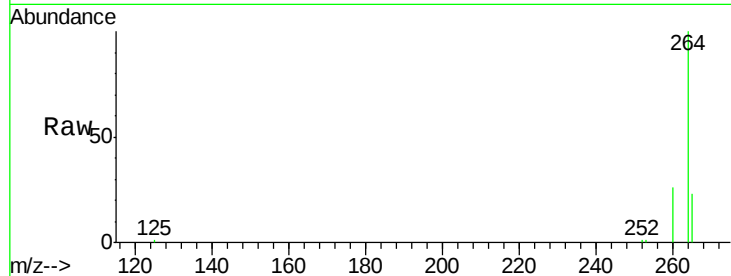




#28
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BM004470.D
 Acq: 29 Feb 2016 04:26

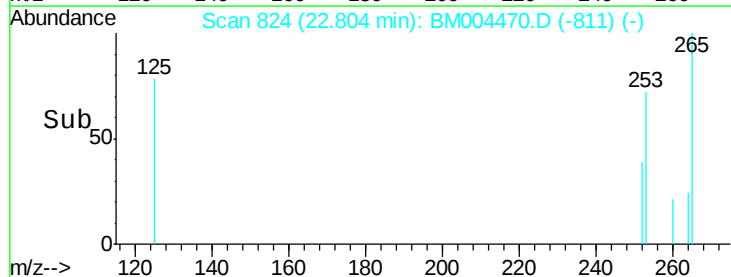
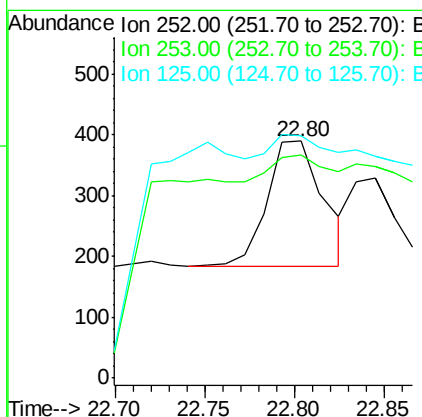
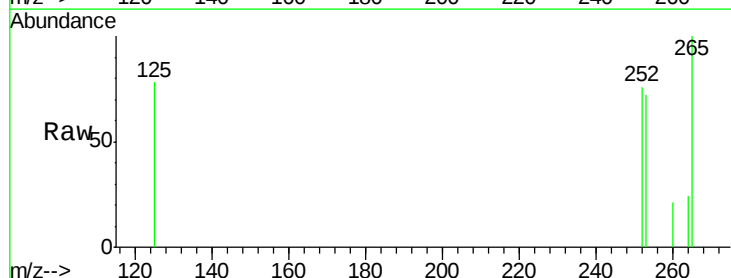
Instrument :
 BNA_M
 ClientSampleId :
 MW-3

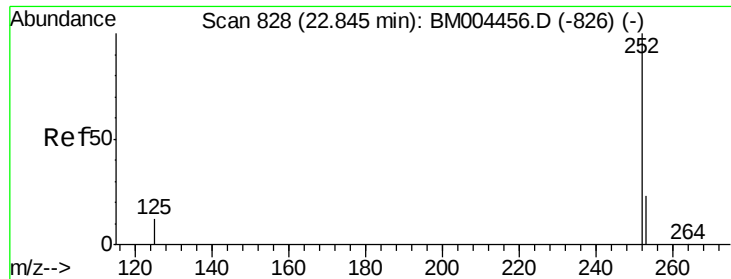
Tot Ion:264 Resp: 42414
 Ion Ratio Lower Upper
 264 100
 260 26.1 19.4 29.2
 265 22.8 18.9 28.3



#29
 Benzo(b)fluoranthene
 Concen: 0.03 ng
 RT: 22.80 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: BM004470.D
 Acq: 29 Feb 2016 04:26

Tgt Ion:252 Resp: 450
 Ion Ratio Lower Upper
 252 100
 253 94.4 19.8 29.6#
 125 102.3 12.2 18.2#





#30

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 22.85 min Scan# 828

Delta R.T. 0.00 min

Lab File: BM004470.D

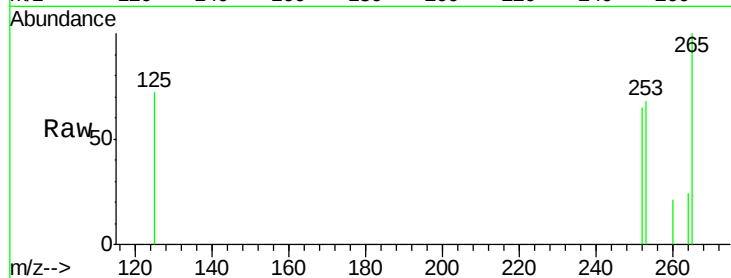
Acq: 29 Feb 2016 04:26

Instrument :

BNA_M

ClientSampleId :

MW-3



Tot Ion: 252 Resp: 286

Ion Ratio Lower Upper

252 100

253 105.8 19.3 28.9#

125 110.9 12.4 18.6#

