

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
 Data File : BM004472.D
 Acq On : 29 Feb 2016 05:38
 Operator : SJ/UM
 Sample : SSTDC001
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-3DL

Quant Time: Feb 29 06:34:50 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	15005	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	52884	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	35827	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	46596	5.00	ng	0.00
19) Chrysene-d12	21.24	240	61413	5.00	ng	0.00
28) Perylene-d12	23.47	264	49577	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	2673	0.81	ng	0.02
5) Phenol-d6	6.83	99	2926	0.78	ng	0.00
8) Nitrobenzene-d5	8.79	82	2288	0.78	ng	0.00
13) 2,4,6-Tribromophenol	15.78	330	840	0.67	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	8616	0.79	ng	0.00
22) Terphenyl-d14	19.68	244	6803	0.87	ng	0.00

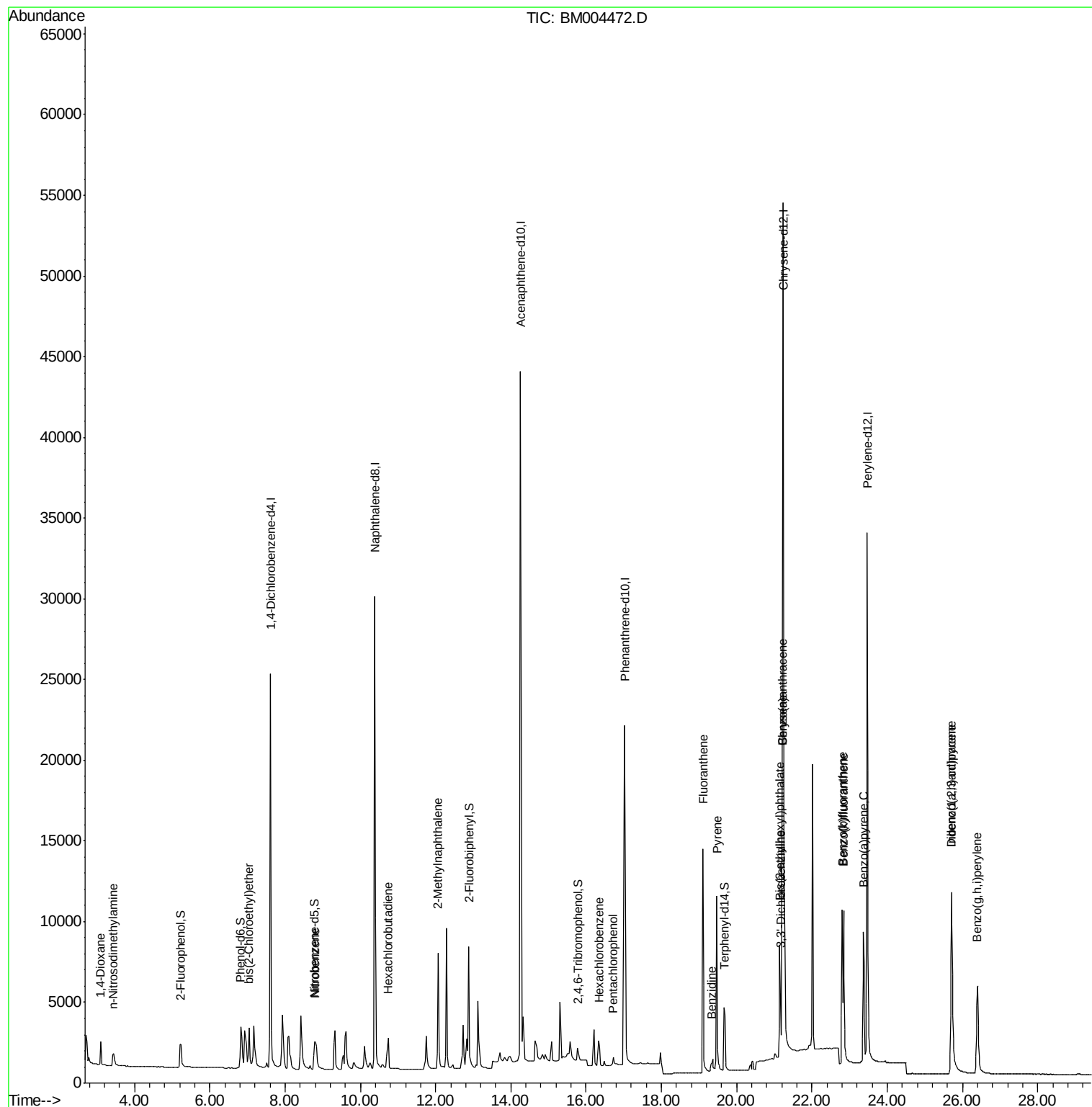
Target Compounds				Qvalue		
2) 1,4-Dioxane	3.10	88	1188	0.95	ng	94
3) n-Nitrosodimethylamine	3.43	42	955	0.86	ng	# 100
6) bis(2-Chloroethyl)ether	7.04	93	2624	0.88	ng	# 99
9) Nitrobenzene	8.81	77	2567	0.79	ng	# 99
10) Hexachlorobutadiene	10.74	225	1819	0.84	ng	99
11) 2-Methylnaphthalene	12.07	142	7045	0.87	ng	97
16) Hexachlorobenzene	16.35	284	2163	0.88	ng	# 100
17) Pentachlorophenol	16.72	266	623	0.82	ng	95
18) Fluoranthene	19.10	202	15629	0.85	ng	100
20) Benzidine	19.32	184	2367	0.81	ng	# 91
21) Pyrene	19.48	202	16200	0.89	ng	99
23) Benzo(a)anthracene	21.22	228	27222	1.55	ng	99
24) 3,3'-Dichlorobenzidine	21.17	252	5821	0.97	ng	98
25) Chrysene	21.22	228	27868	1.70	ng	91
26) Bis(2-ethylhexyl)phthalate	21.14	149	8441	0.80	ng	# 98
27) Indeno(1,2,3-cd)pyrene	25.71	276	14256	0.89	ng	99
29) Benzo(b)fluoranthene	22.80	252	15616	0.84	ng	98
30) Benzo(k)fluoranthene	22.85	252	12911	0.80	ng	99
31) Benzo(a)pyrene	23.37	252	12897	0.89	ng	99
32) Dibenzo(a,h)anthracene	25.71	278	11101	0.86	ng	99
33) Benzo(g,h,i)perylene	26.40	276	12374	0.87	ng	99

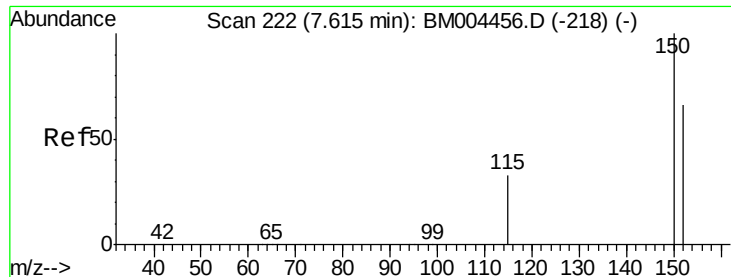
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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Quant Time: Feb 29 06:34:50 2016
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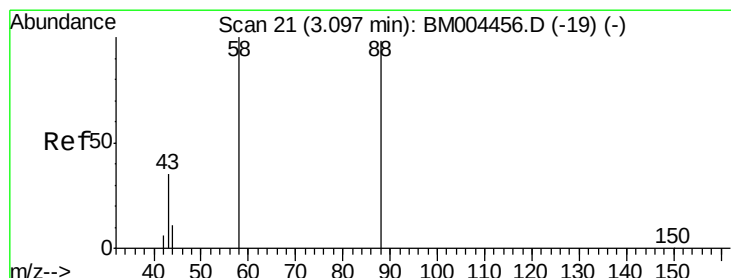
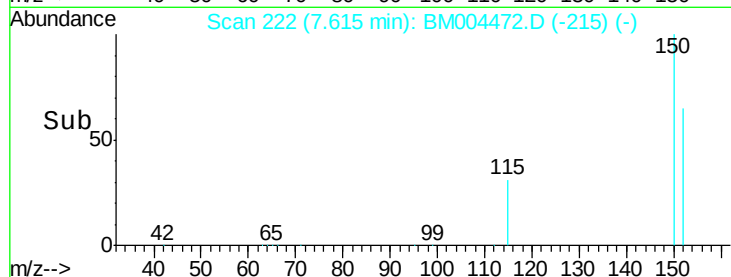
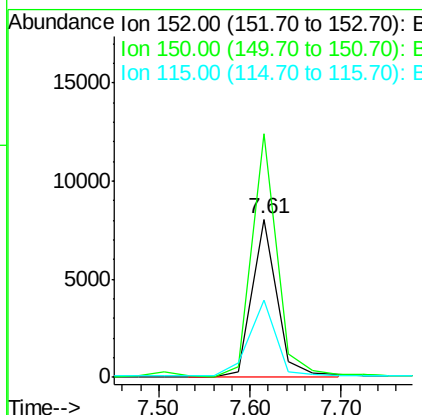
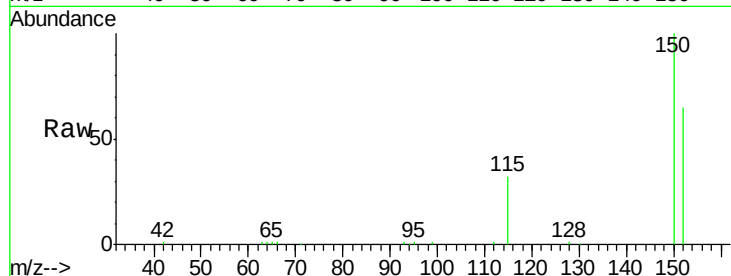


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. -0.00 min
Lab File: BM004472.D
Acq: 29 Feb 2016 05:38

Instrument :
BNA_M
ClientSampleId :
MW-3DL

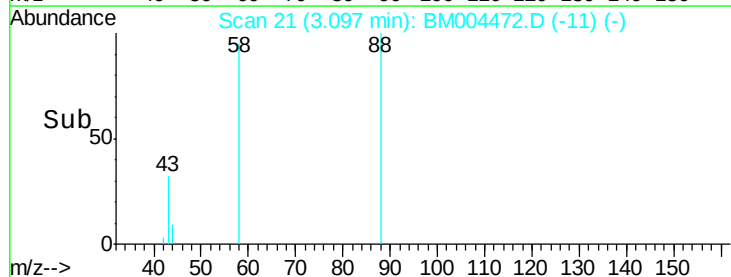
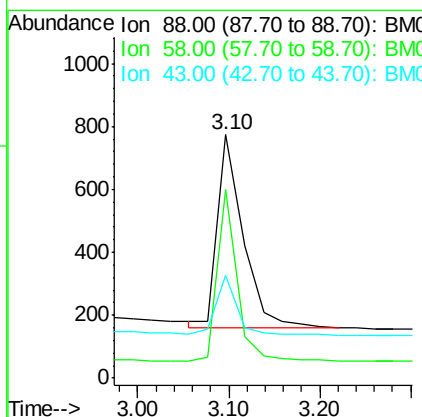
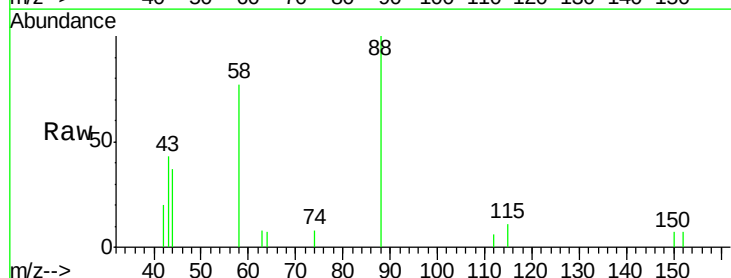
Tot Ion:152 Resp: 15005
Ion Ratio Lower Upper
152 100
150 154.2 123.9 185.9
115 48.6 40.6 61.0

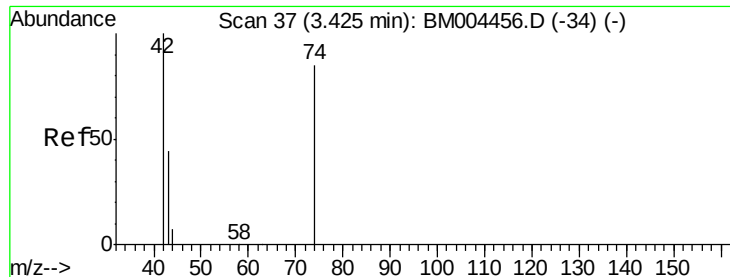


#2

1,4-Dioxane
Concen: 0.95 ng
RT: 3.10 min Scan# 21
Delta R.T. 0.00 min
Lab File: BM004472.D
Acq: 29 Feb 2016 05:38

Tgt Ion: 88 Resp: 1188
Ion Ratio Lower Upper
88 100
58 67.4 58.5 87.7
43 26.1 22.2 33.2





#3

n-Nitrosodimethylamine

Concen: 0.86 ng

RT: 3.43 min Scan# 37

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampleId :

MW-3DL

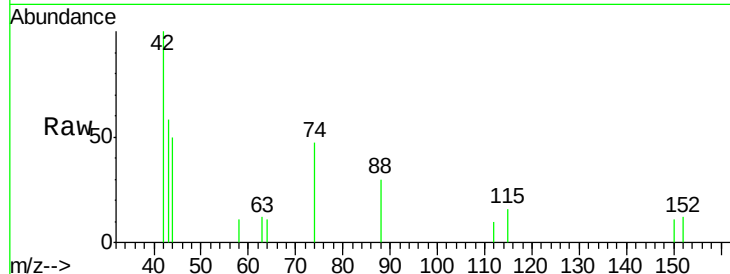
Tot Ion: 42 Resp: 955

Ion Ratio Lower Upper

42 100

74 0.0 0.0 0.0

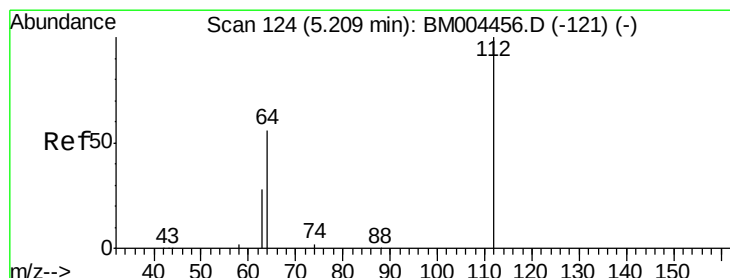
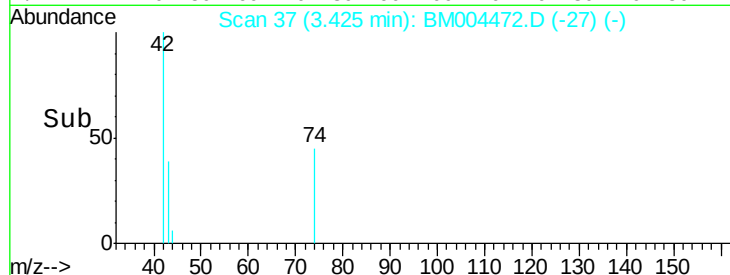
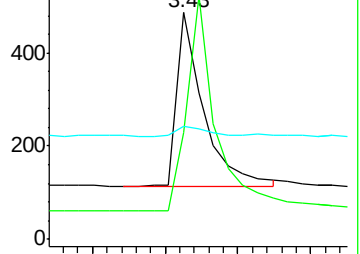
44 7.1 5.8 8.6



Abundance Ion 42.00 (41.70 to 42.70): BM004456.D (-34) (-)

Ion 74.00 (73.70 to 74.70): BM004456.D (-34) (-)

Ion 44.00 (43.70 to 44.70): BM004456.D (-34) (-)



#4

2-Fluorophenol

Concen: 0.81 ng

RT: 5.23 min Scan# 125

Delta R.T. 0.02 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

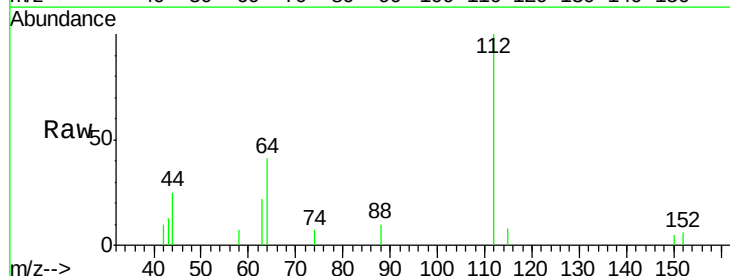
Tgt Ion: 112 Resp: 2673

Ion Ratio Lower Upper

112 100

64 0.0 39.4 59.2#

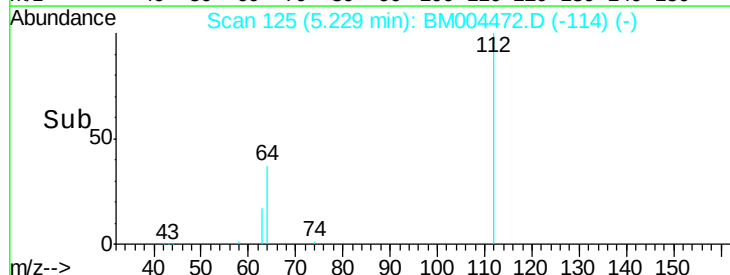
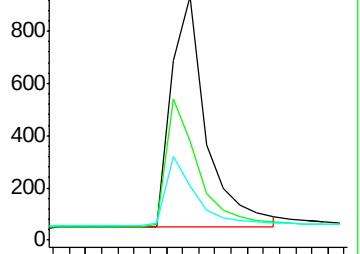
63 0.0 19.9 29.9#

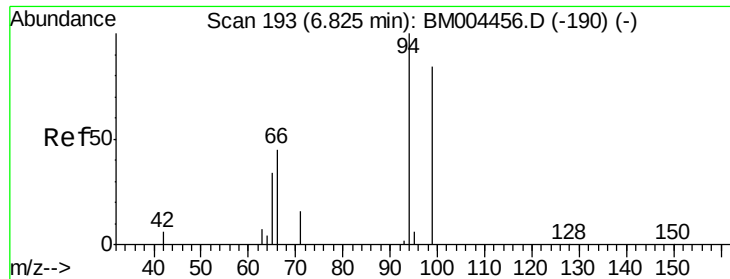


Abundance Ion 112.00 (111.70 to 112.70): BM004456.D (-121) (-)

Ion 64.00 (63.70 to 64.70): BM004456.D (-121) (-)

Ion 63.00 (62.70 to 63.70): BM004456.D (-121) (-)





#5

Phenol-d6

Concen: 0.78 ng

RT: 6.83 min Scan# 193

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampled :

MW-3DL

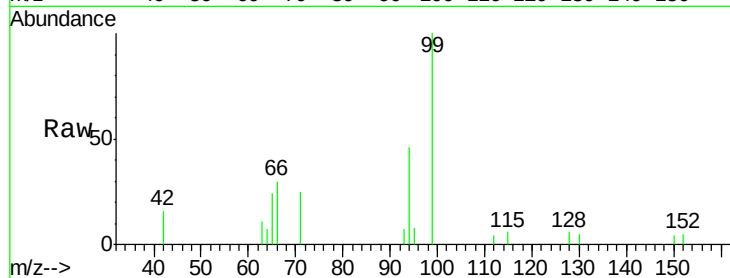
Tot Ion: 99 Resp: 2926

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

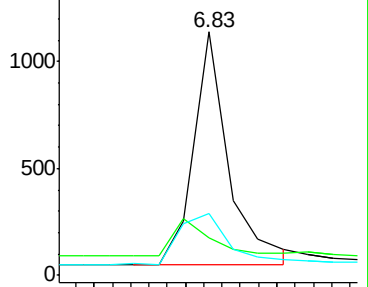
71 30.3 0.0 0.0#



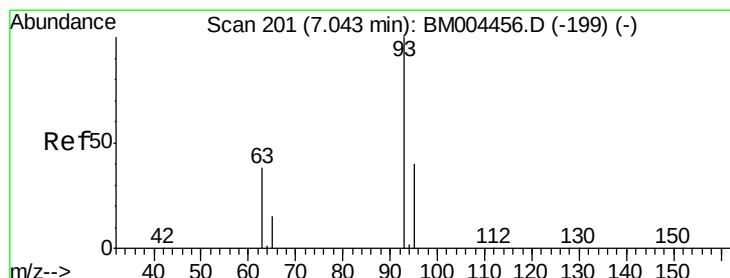
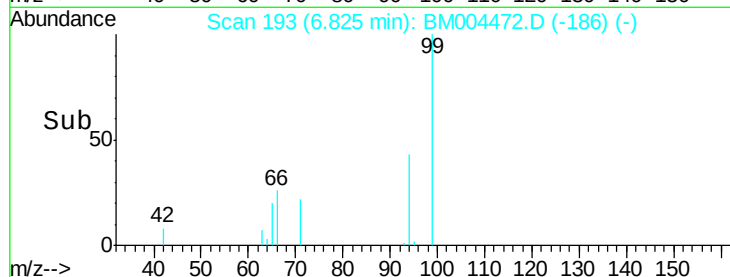
Abundance Ion 99.00 (98.70 to 99.70): BM004472.D (-186) (-)

Ion 42.00 (41.70 to 42.70): BM004472.D (-186) (-)

Ion 71.00 (70.70 to 71.70): BM004472.D (-186) (-)



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.88 ng

RT: 7.04 min Scan# 201

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

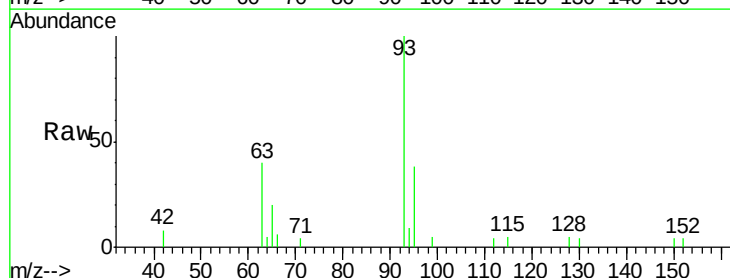
Tgt Ion: 93 Resp: 2624

Ion Ratio Lower Upper

93 100

63 67.3 0.0 0.0#

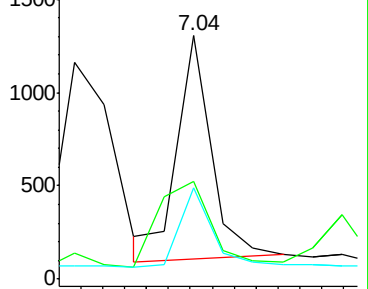
95 33.4 27.1 40.7



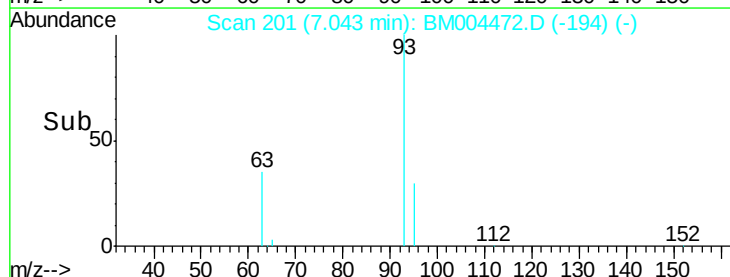
Abundance Ion 93.00 (92.70 to 93.70): BM004472.D (-194) (-)

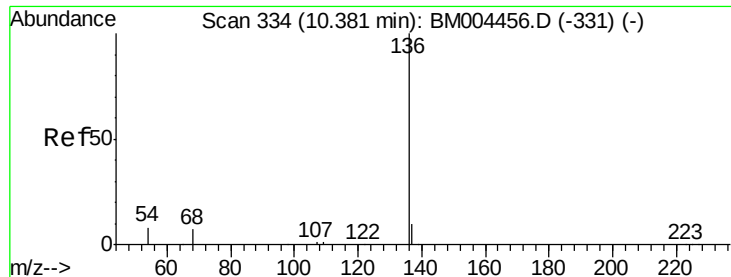
Ion 63.00 (62.70 to 63.70): BM004472.D (-194) (-)

Ion 95.00 (94.70 to 95.70): BM004472.D (-194) (-)



Time-->





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampleId :

MW-3DL

Tot Ion:136 Resp: 52884

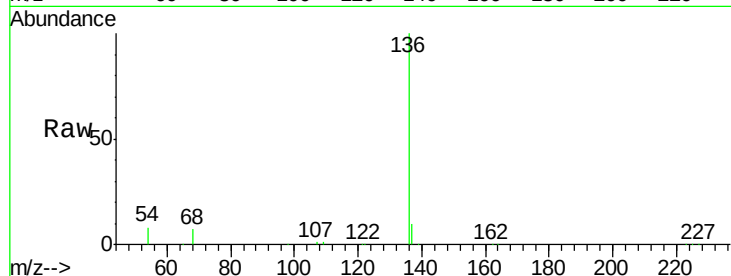
Ion Ratio Lower Upper

136 100

137 10.2 8.0 12.0

54 7.8 7.0 10.6

68 6.5 5.8 8.6

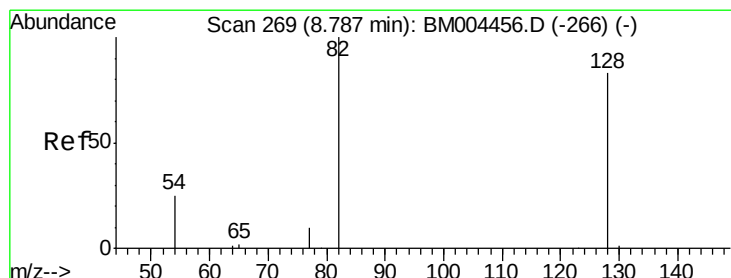
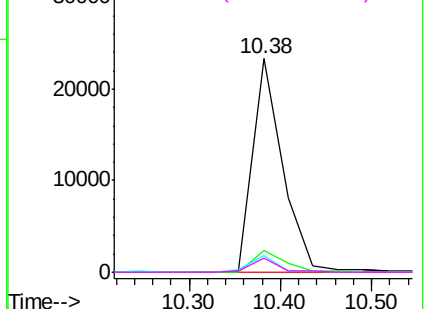
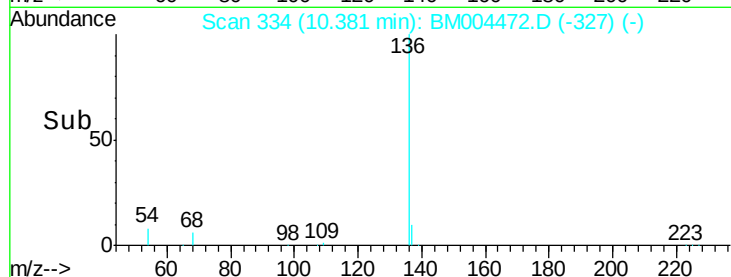


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.78 ng

RT: 8.79 min Scan# 269

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

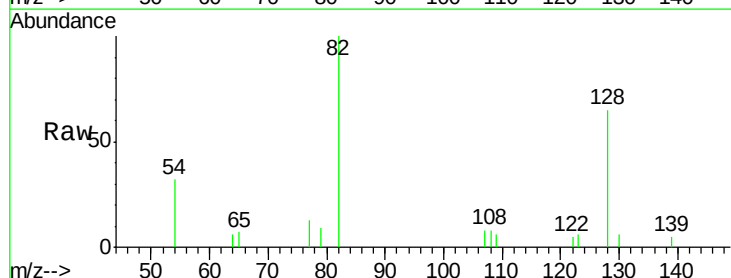
Tgt Ion: 82 Resp: 2288

Ion Ratio Lower Upper

82 100

128 65.3 67.0 100.6#

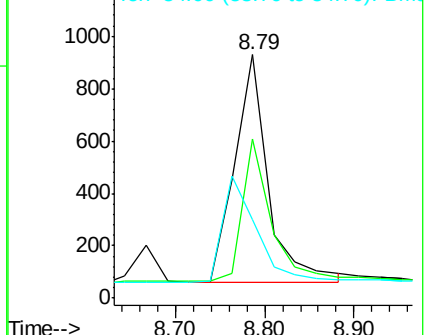
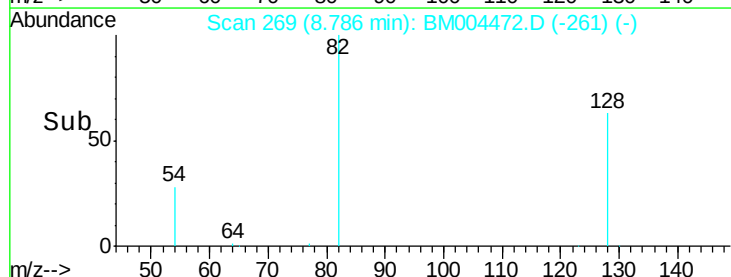
54 32.5 25.2 37.8

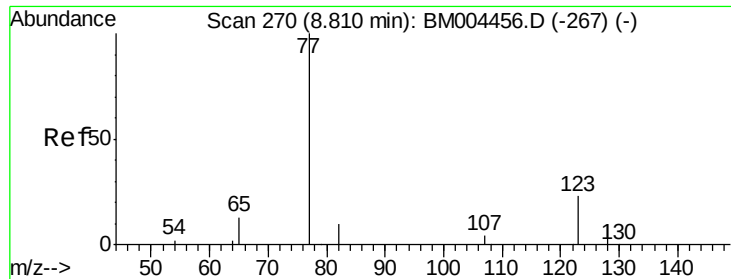


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#9

Nitrobenzene

Concen: 0.79 ng

RT: 8.81 min Scan# 270

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampled :

MW-3DL

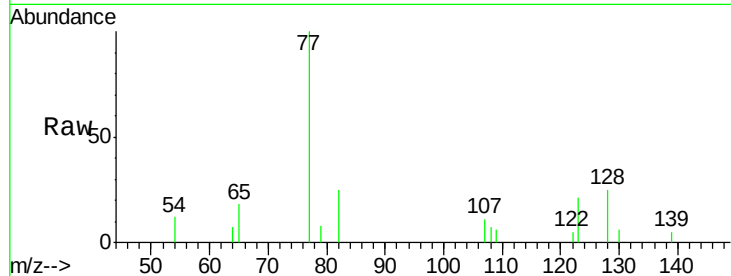
Tot Ion: 77 Resp: 2567

Ion Ratio Lower Upper

77 100

123 0.0 0.0 0.0

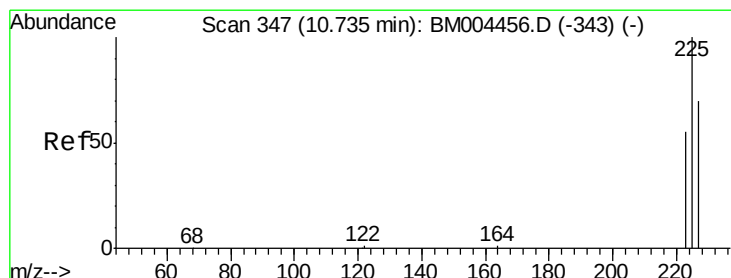
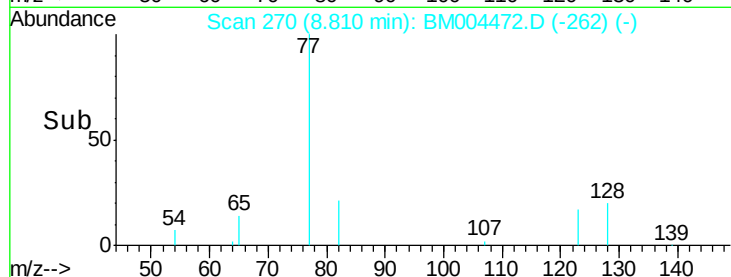
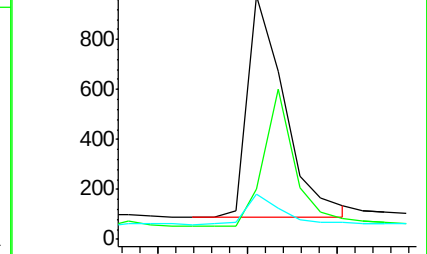
65 12.8 10.1 15.1



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) (-)



#10

Hexachlorobutadiene

Concen: 0.84 ng

RT: 10.74 min Scan# 347

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

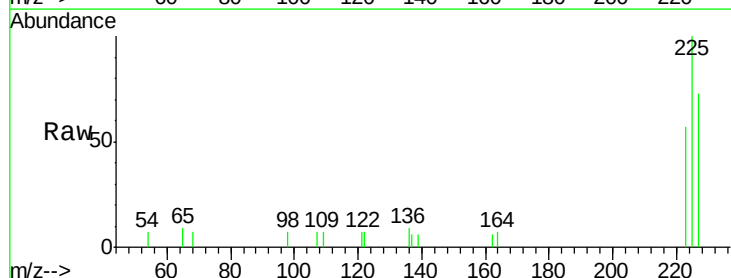
Tgt Ion: 225 Resp: 1819

Ion Ratio Lower Upper

225 100

223 61.5 48.4 72.6

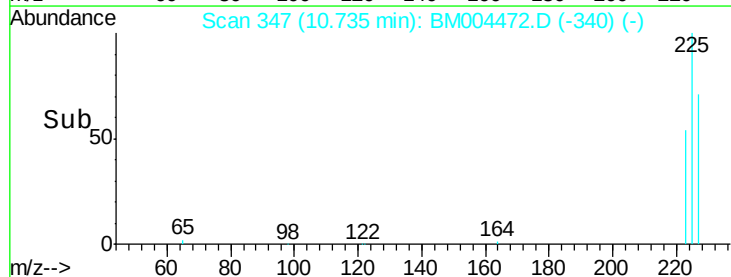
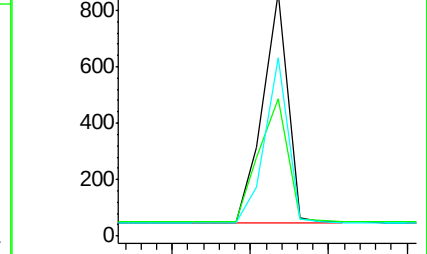
227 65.4 52.8 79.2

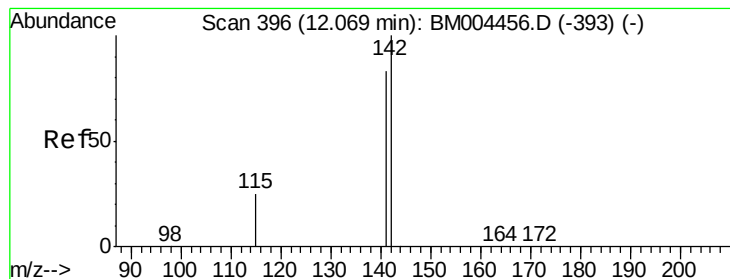


Abundance Ion 225.00 (224.70 to 225.70): BM004456.D (-343) (-)

Ion 223.00 (222.70 to 223.70): BM004456.D (-343) (-)

Ion 227.00 (226.70 to 227.70): BM004456.D (-343) (-)





#11

2-Methylnaphthalene

Concen: 0.87 ng

RT: 12.07 min Scan# 396

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampleId :

MW-3DL

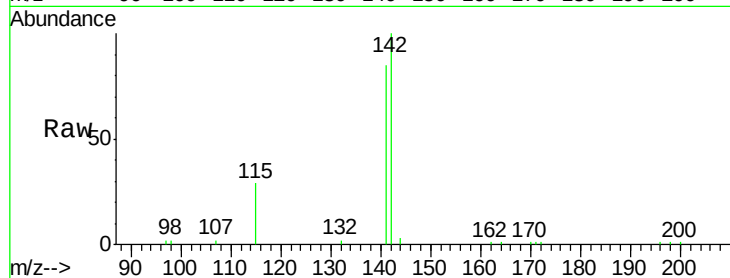
Tot Ion:142 Resp: 7045

Ion Ratio Lower Upper

142 100

141 85.5 66.4 99.6

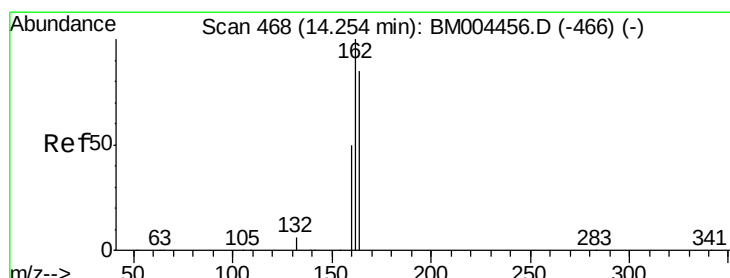
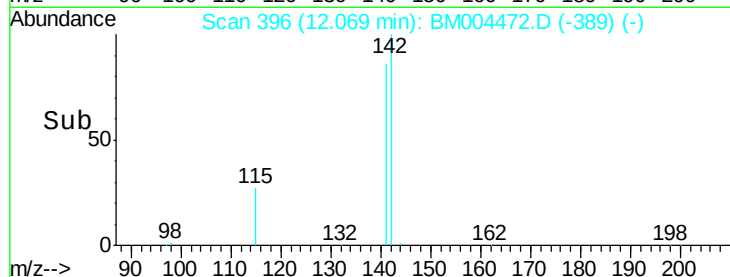
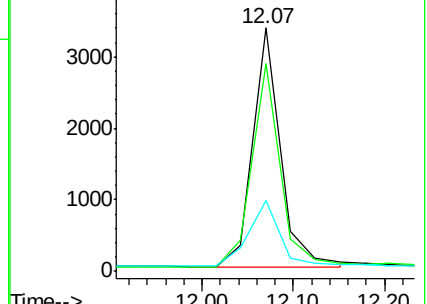
115 28.8 21.6 32.4



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: 14.25 min Scan# 468

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

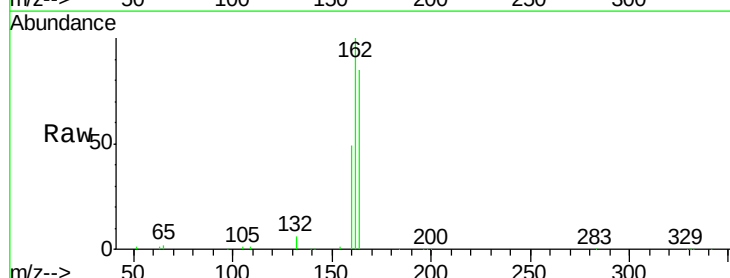
Tgt Ion:164 Resp: 35827

Ion Ratio Lower Upper

164 100

162 117.6 94.6 141.8

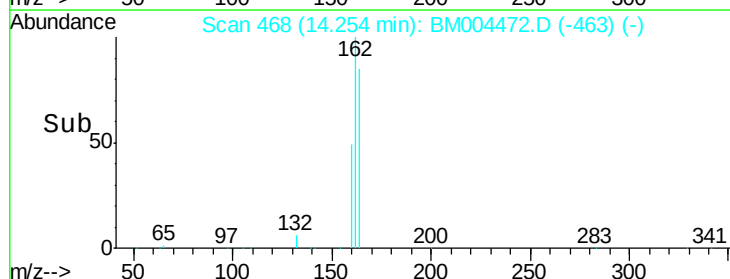
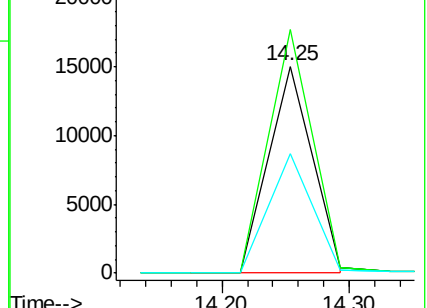
160 58.0 47.0 70.4

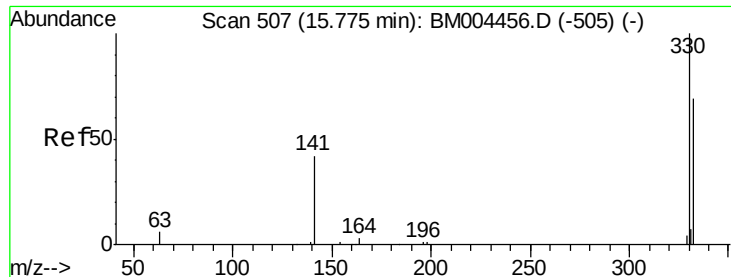


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

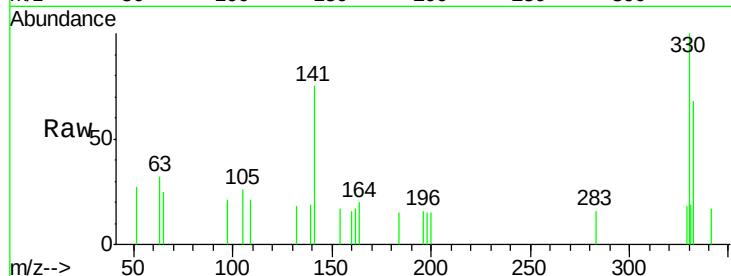




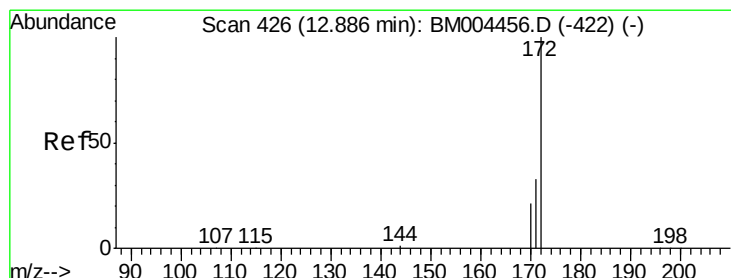
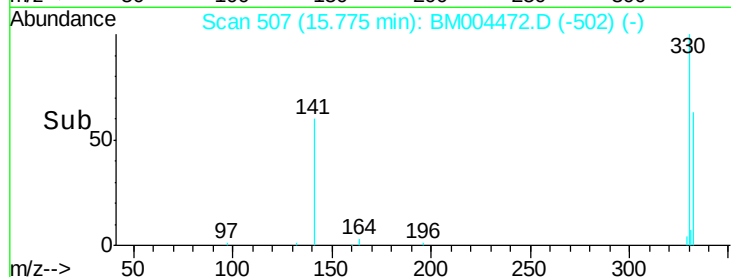
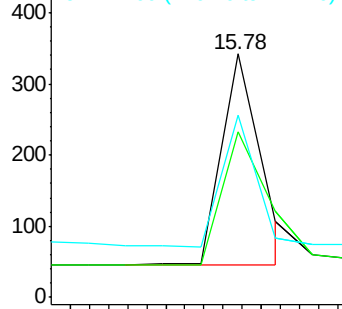
#13
 2,4,6-Tribromophenol
 Concen: 0.67 ng
 RT: 15.78 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BM004472.D
 Acq: 29 Feb 2016 05:38

Instrument :
 BNA_M
 ClientSampleId :
 MW-3DL

Tot Ion:330 Resp: 840
 Ion Ratio Lower Upper
 330 100
 332 73.3 59.2 88.8
 141 54.3 33.0 49.4#

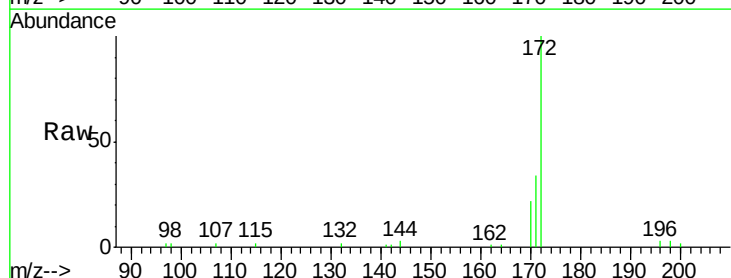


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

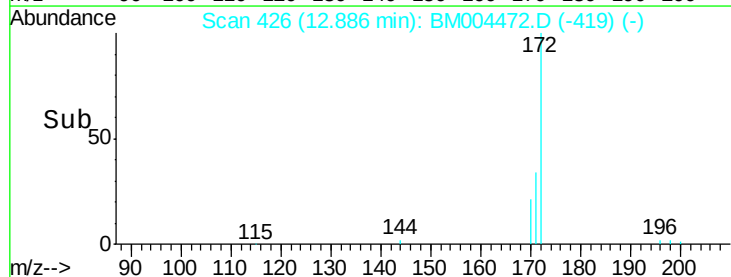
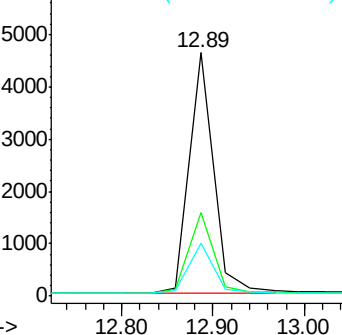


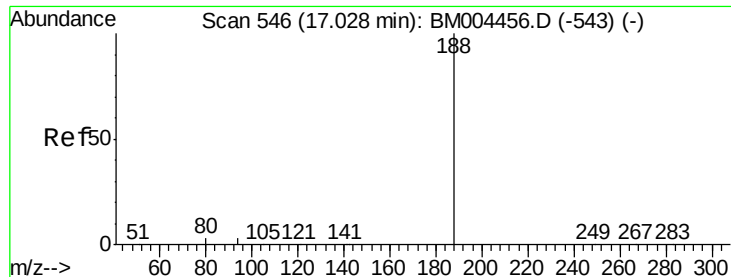
#14
 2-Fluorobiphenyl
 Concen: 0.79 ng
 RT: 12.89 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BM004472.D
 Acq: 29 Feb 2016 05:38

Tgt Ion:172 Resp: 8616
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.2 40.8
 170 21.9 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: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampleId :

MW-3DL

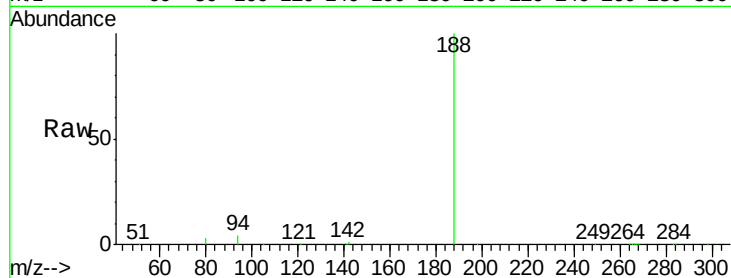
Tot Ion:188 Resp: 46596

Ion Ratio Lower Upper

188 100

94 3.6 2.7 4.1

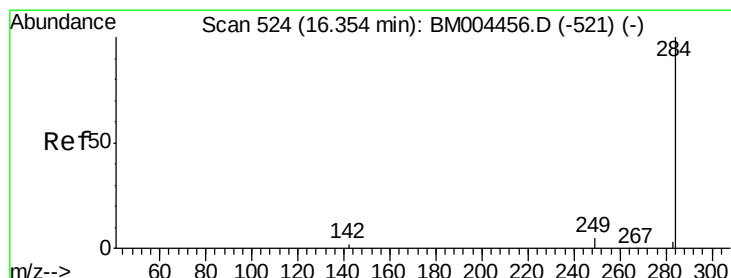
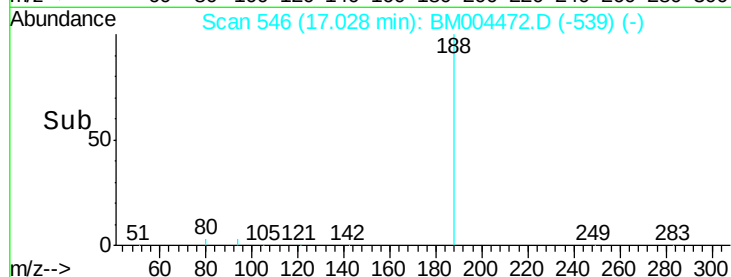
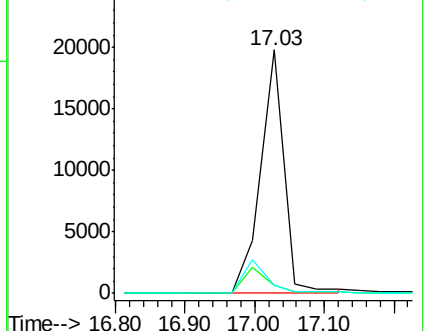
80 3.1 2.2 3.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#16

Hexachlorobenzene

Concen: 0.88 ng

RT: 16.35 min Scan# 524

Delta R.T. 0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

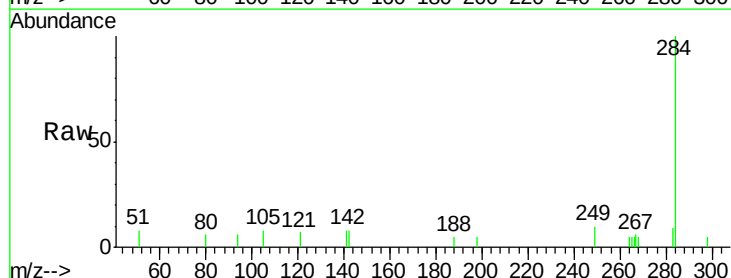
Tgt Ion:284 Resp: 2163

Ion Ratio Lower Upper

284 100

142 0.0 0.0 0.0

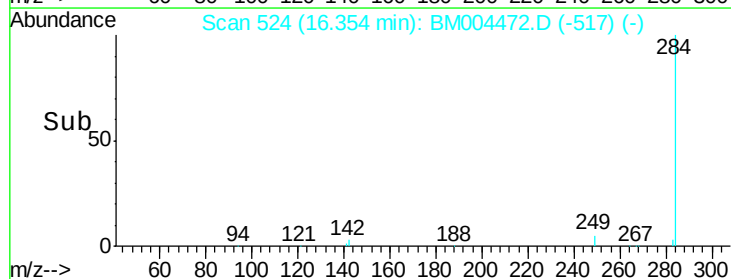
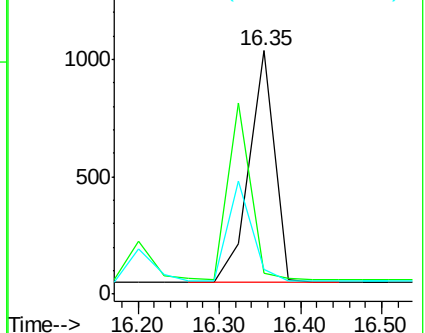
249 0.0 0.0 0.0

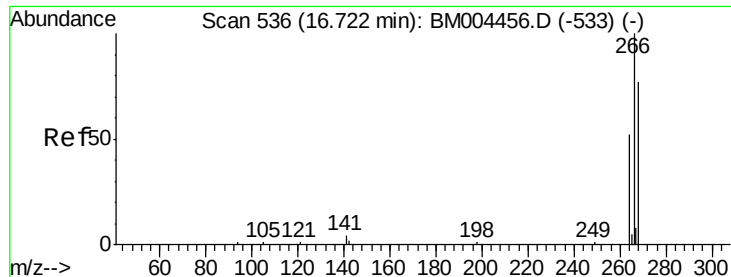


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

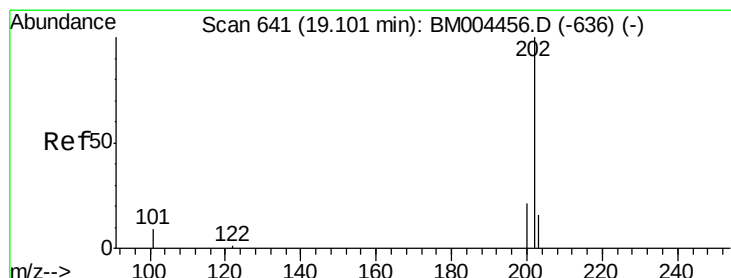
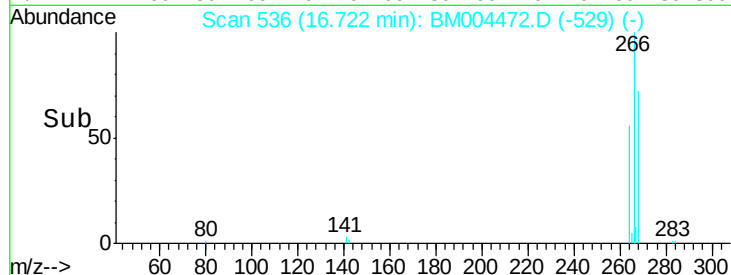
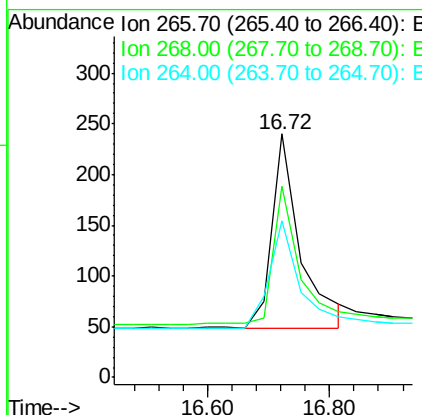
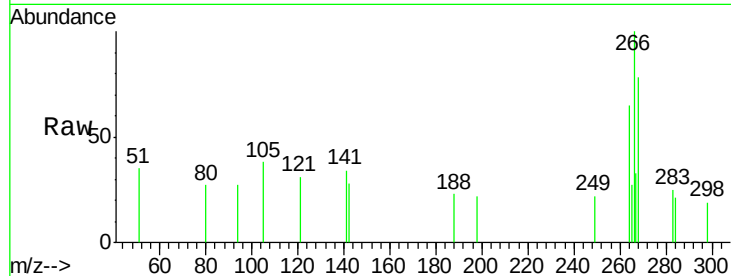




#17
 Pentachlorophenol
 Concen: 0.82 ng
 RT: 16.72 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: BM004472.D
 Acq: 29 Feb 2016 05:38

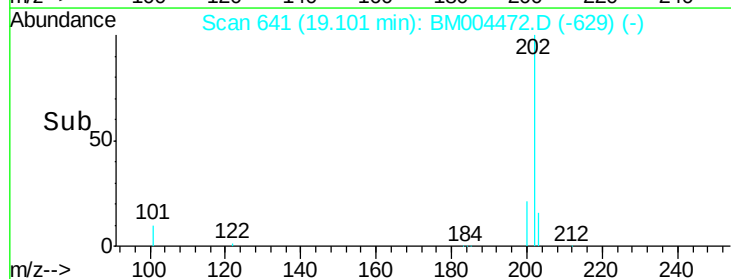
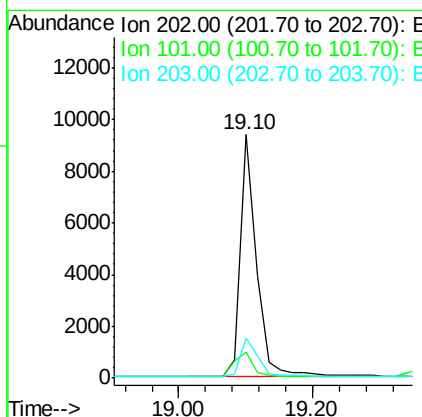
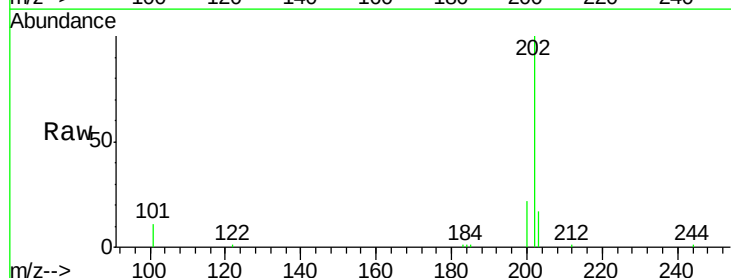
Instrument :
 BNA_M
 ClientSampleId :
 MW-3DL

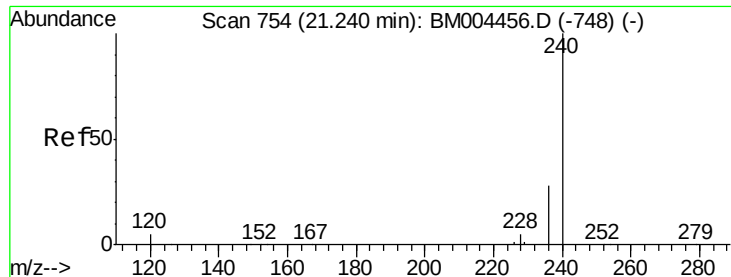
Tot Ion:266 Resp: 623
 Ion Ratio Lower Upper
 266 100
 268 78.3 66.8 100.2
 264 64.6 49.4 74.0



#18
 Fluoranthene
 Concen: 0.85 ng
 RT: 19.10 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BM004472.D
 Acq: 29 Feb 2016 05:38

Tgt Ion:202 Resp: 15629
 Ion Ratio Lower Upper
 202 100
 101 12.0 9.4 14.0
 203 17.5 13.9 20.9

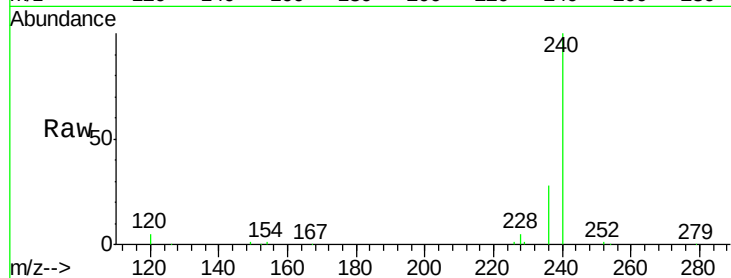




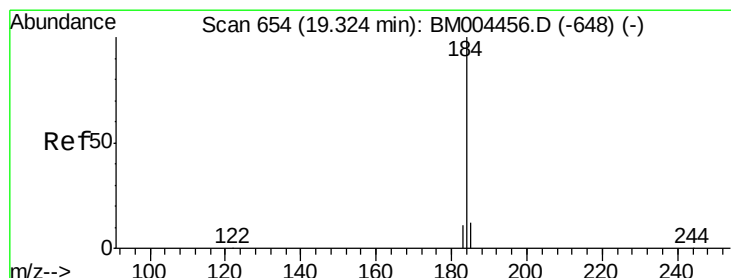
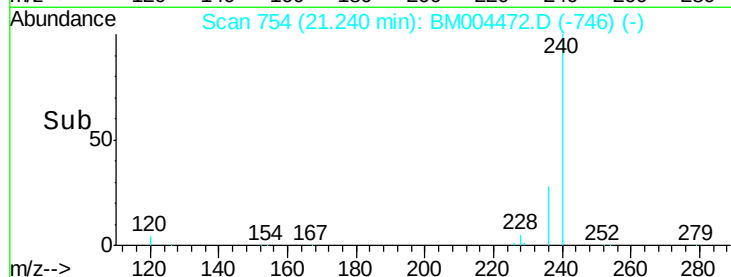
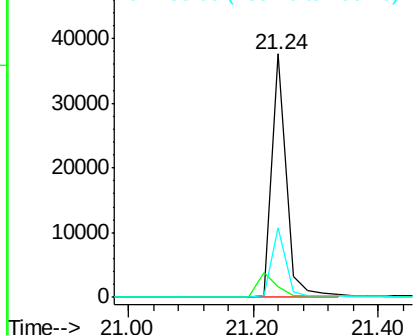
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM004472.D
Acq: 29 Feb 2016 05:38

Instrument :
BNA_M
ClientSampleId :
MW-3DL

Tot Ion:240 Resp: 61413
Ion Ratio Lower Upper
240 100
120 4.6 4.0 6.0
236 28.4 22.7 34.1

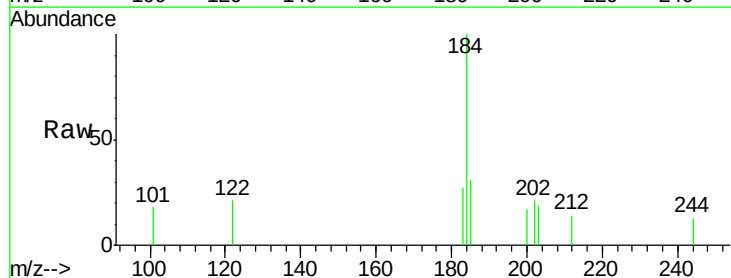


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

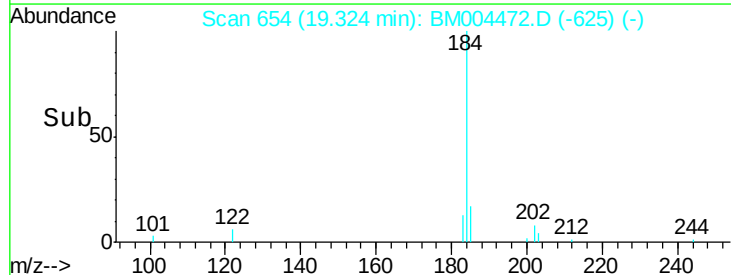
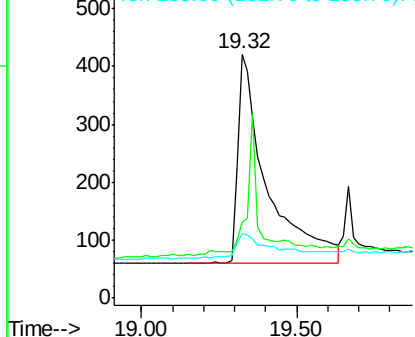


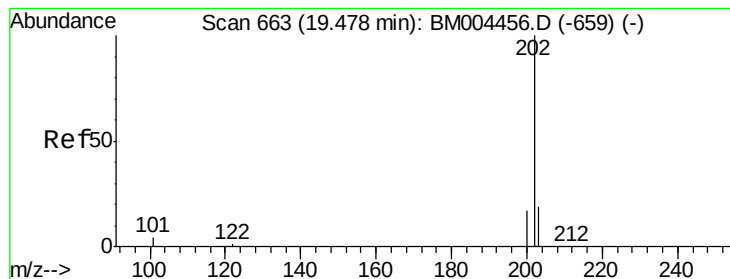
#20
Benzidine
Concen: 0.81 ng
RT: 19.32 min Scan# 654
Delta R.T. 0.00 min
Lab File: BM004472.D
Acq: 29 Feb 2016 05:38

Tgt Ion:184 Resp: 2367
Ion Ratio Lower Upper
184 100
185 31.4 20.8 31.2#
183 26.6 18.5 27.7



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#21

Pvrene

Concen: 0.89 ng

RT: 19.48 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampleId :

MW-3DL

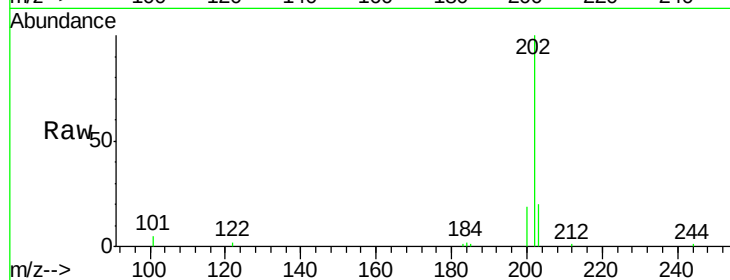
Tot Ion:202 Resp: 16200

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

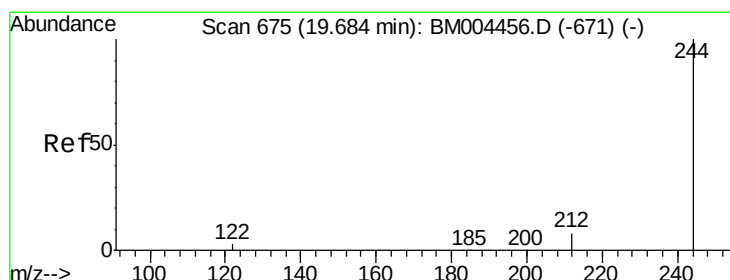
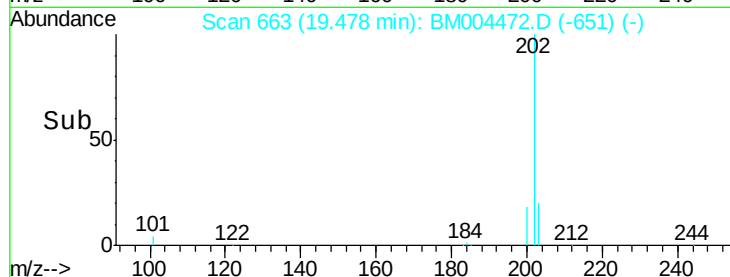
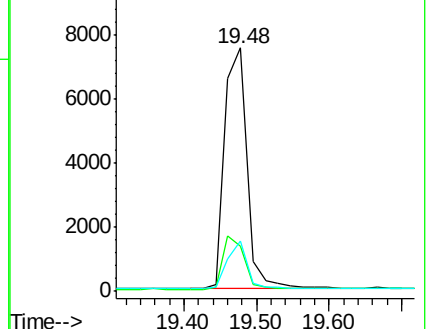
203 17.5 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#22

Terphenyl-d14

Concen: 0.87 ng

RT: 19.68 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

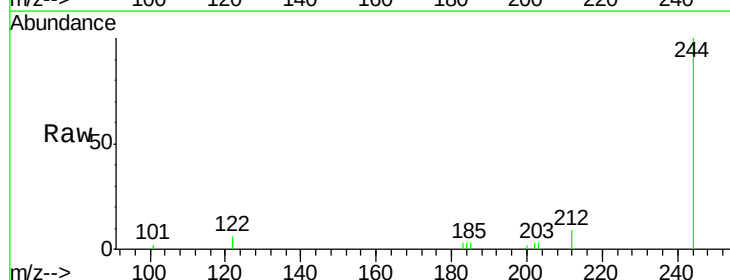
Tgt Ion:244 Resp: 6803

Ion Ratio Lower Upper

244 100

212 9.5 7.4 11.2

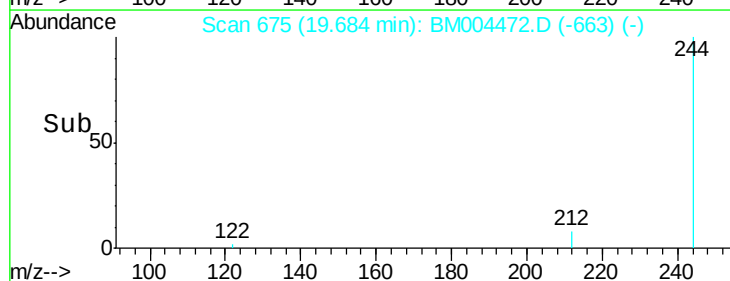
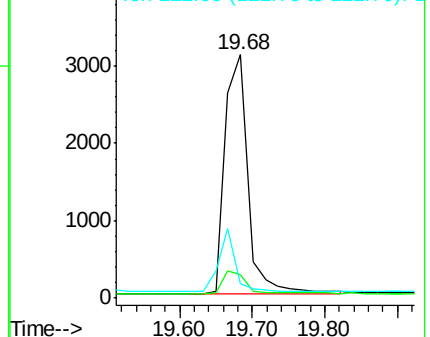
122 6.0 4.2 6.2

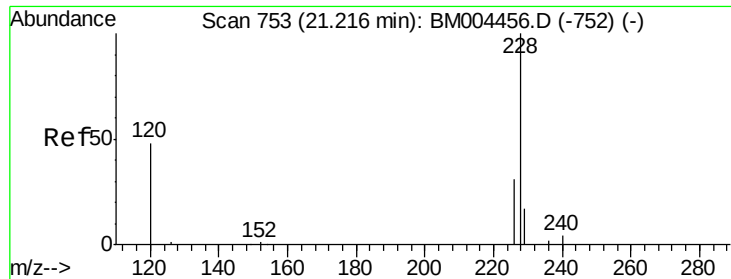


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

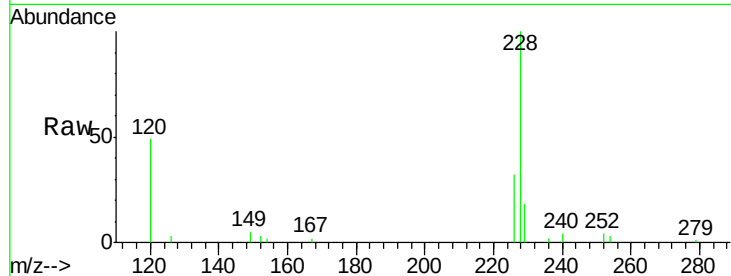




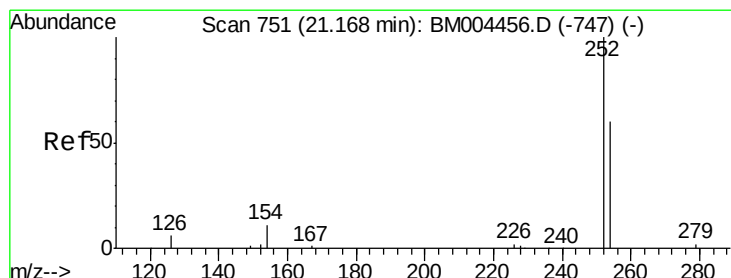
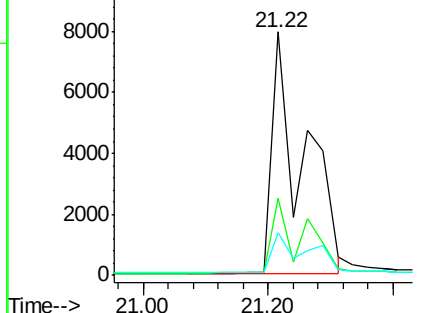
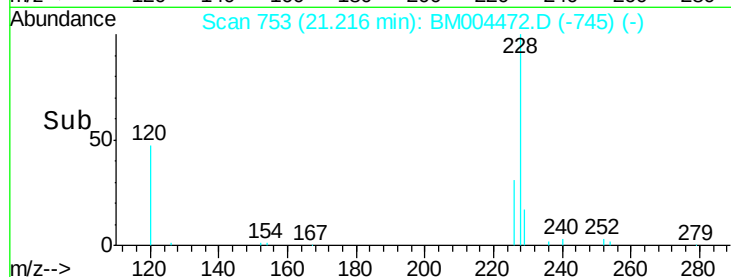
#23
Benzo(a)anthracene
Concen: 1.55 ng
RT: 21.22 min Scan# 753
Delta R.T. -0.00 min
Lab File: BM004472.D
Acq: 29 Feb 2016 05:38

Instrument :
BNA_M
ClientSampleId :
MW-3DL

Tot Ion:228 Resp: 27222
Ion Ratio Lower Upper
228 100
226 31.7 25.1 37.7
229 17.6 14.2 21.4

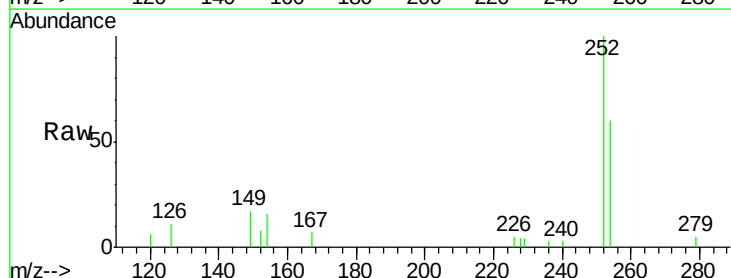


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

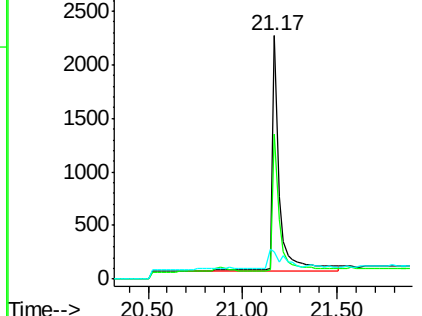
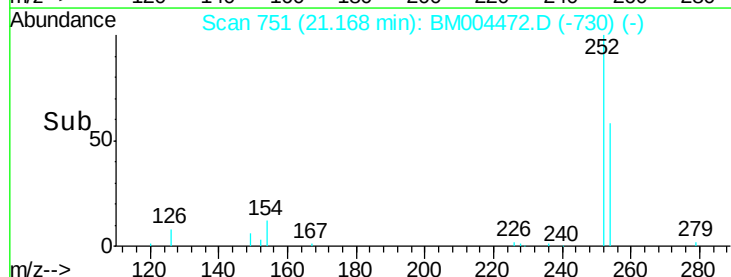


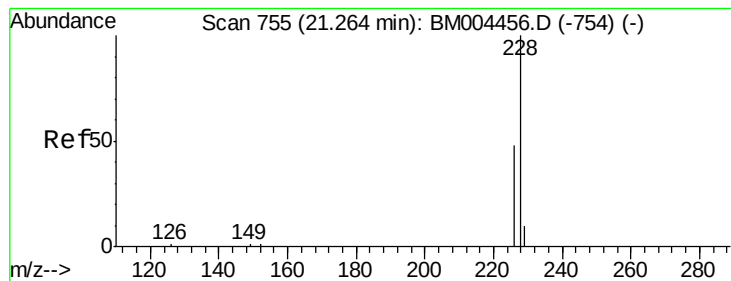
#24
3,3'-Dichlorobenzidine
Concen: 0.97 ng
RT: 21.17 min Scan# 751
Delta R.T. -0.00 min
Lab File: BM004472.D
Acq: 29 Feb 2016 05:38

Tgt Ion:252 Resp: 5821
Ion Ratio Lower Upper
252 100
254 59.6 48.7 73.1
126 11.3 8.2 12.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#25

Chrysene

Concen: 1.70 ng

RT: 21.22 min Scan# 753

Delta R.T. -0.05 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampleID :

MW-3DL

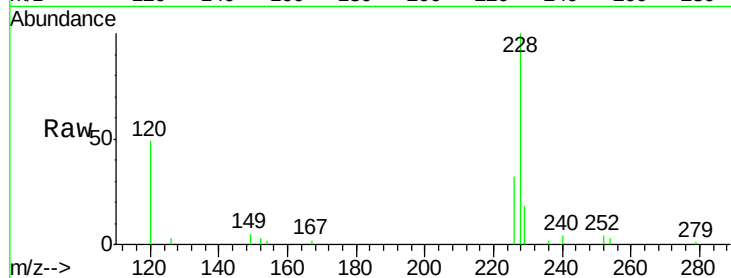
Tot Ion:228 Resp: 27868

Ion Ratio Lower Upper

228 100

226 31.7 31.0 46.6

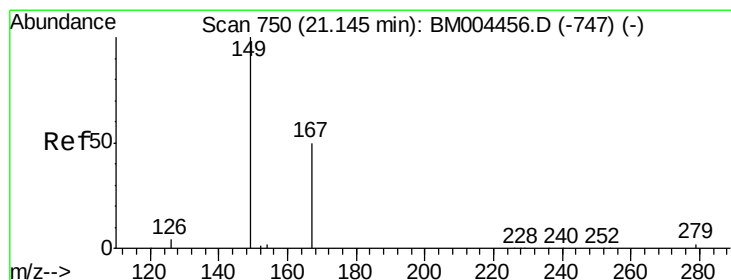
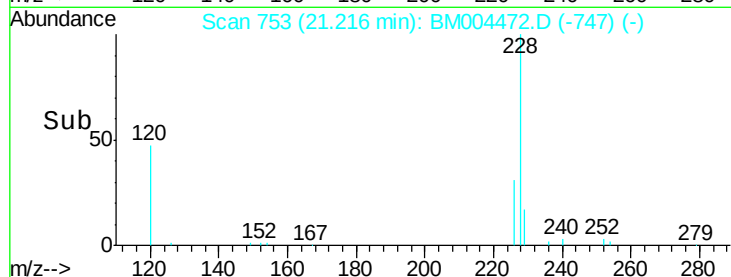
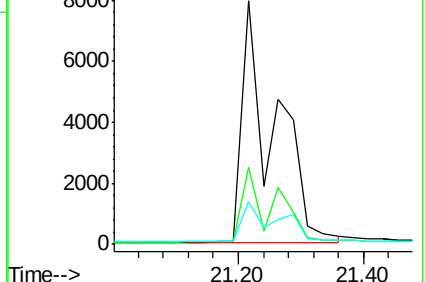
229 17.6 13.4 20.2



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



#26

Bis(2-ethylhexyl)phthalate

Concen: 0.80 ng

RT: 21.14 min Scan# 750

Delta R.T. 0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

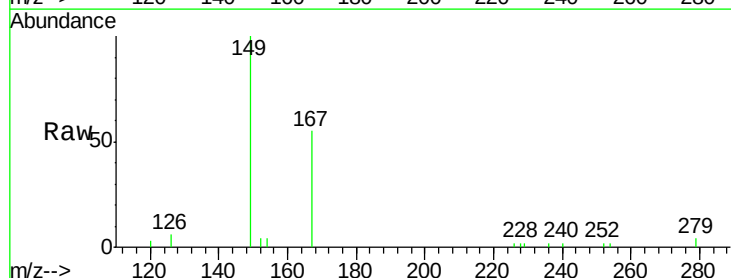
Tgt Ion:149 Resp: 8441

Ion Ratio Lower Upper

149 100

167 42.5 33.1 49.7

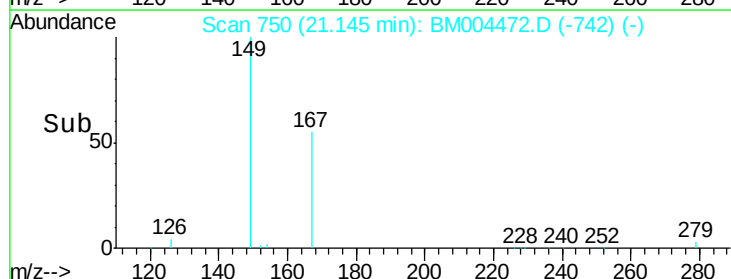
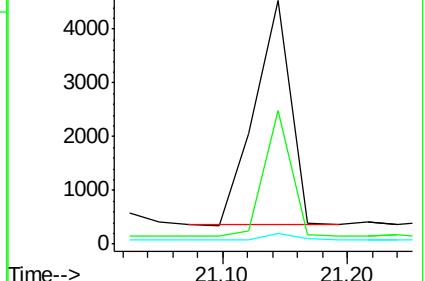
279 3.1 2.0 3.0#

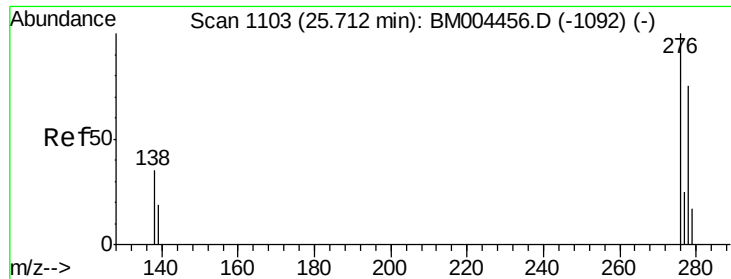


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

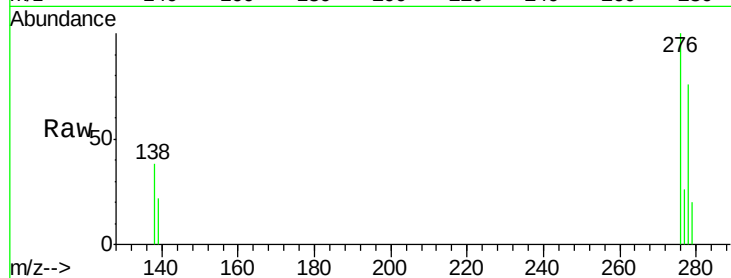




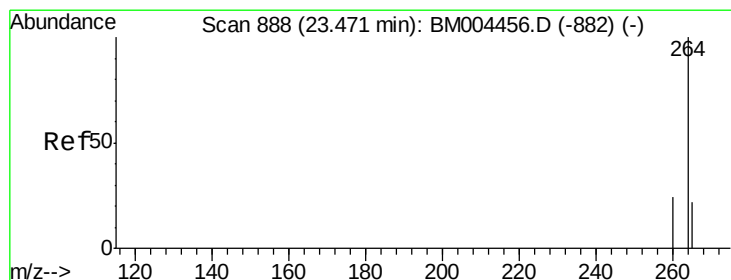
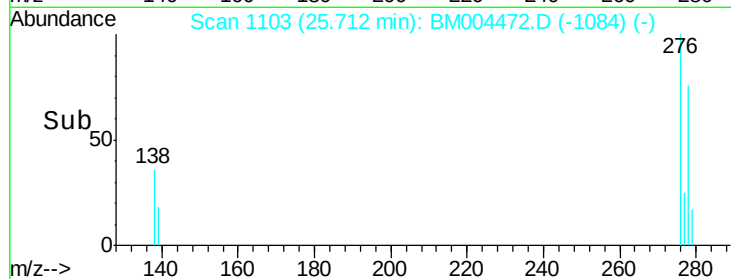
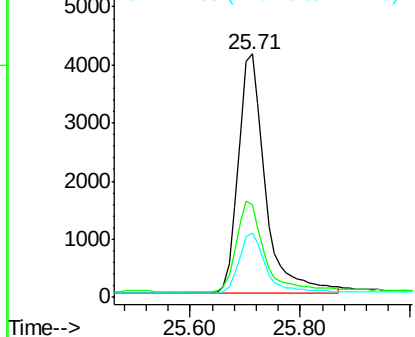
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.89 ng
 RT: 25.71 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BM004472.D
 Acq: 29 Feb 2016 05:38

Instrument :
 BNA_M
 ClientSampled :
 MW-3DL

Tot Ion:276 Resp: 14256
 Ion Ratio Lower Upper
 276 100
 138 38.3 30.0 45.0
 277 24.8 19.8 29.8

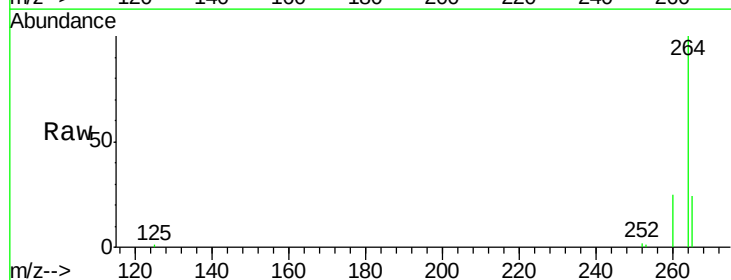


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

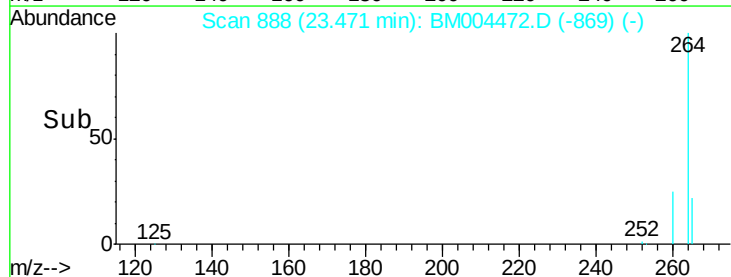
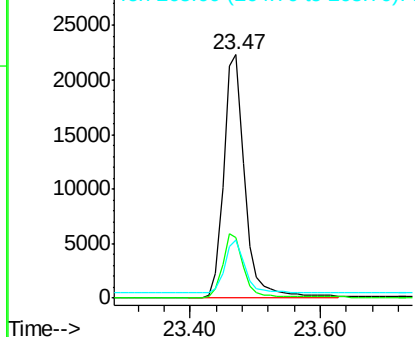


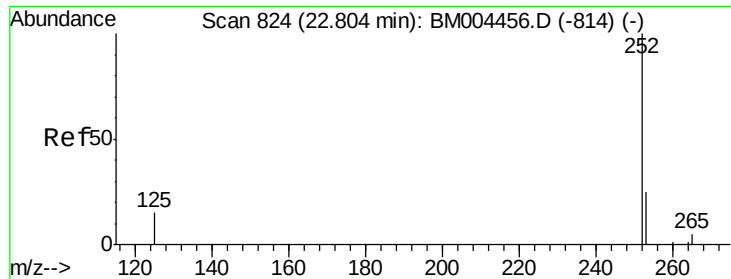
#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.47 min Scan# 888
 Delta R.T. -0.00 min
 Lab File: BM004472.D
 Acq: 29 Feb 2016 05:38

Tgt Ion:264 Resp: 49577
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 23.8 18.9 28.3



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





#29

Benzo(b)fluoranthene

Concen: 0.84 ng

RT: 22.80 min Scan# 824

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampleId :

MW-3DL

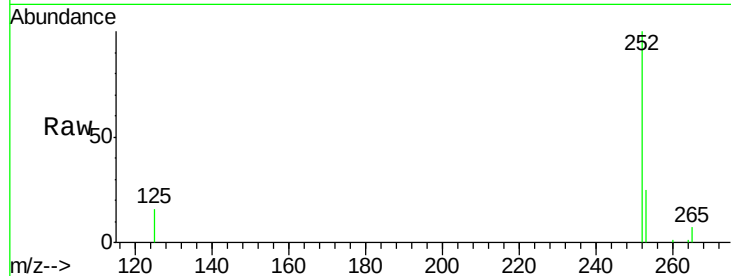
Tot Ion:252 Resp: 15616

Ion Ratio Lower Upper

252 100

253 25.5 19.8 29.6

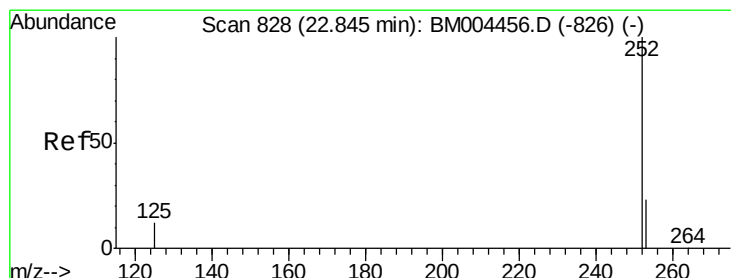
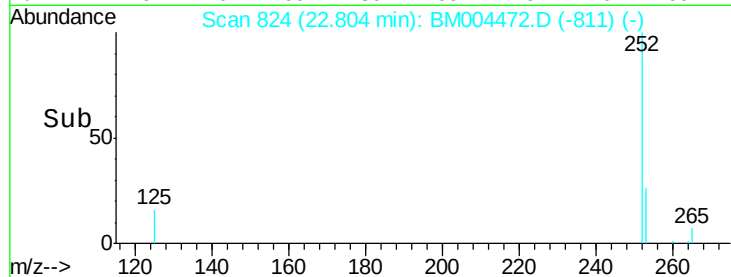
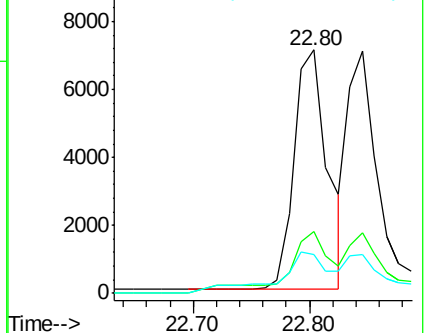
125 15.8 12.2 18.2



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



#30

Benzo(k)fluoranthene

Concen: 0.80 ng

RT: 22.85 min Scan# 828

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

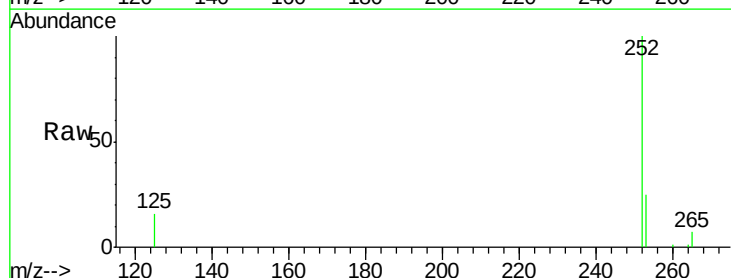
Tgt Ion:252 Resp: 12911

Ion Ratio Lower Upper

252 100

253 24.8 19.3 28.9

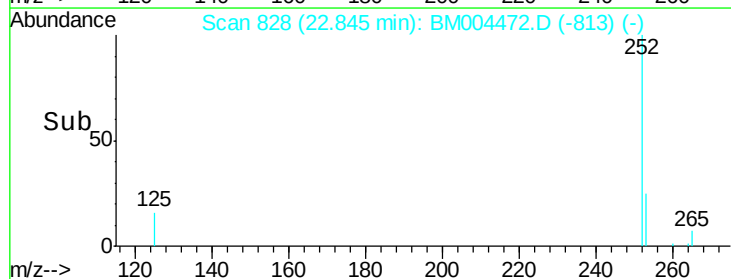
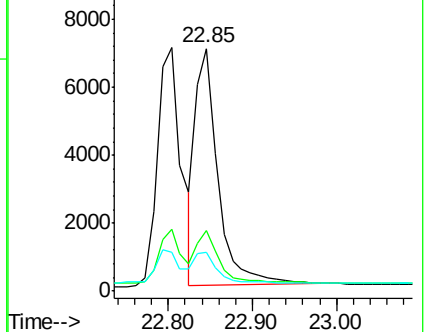
125 16.0 12.4 18.6

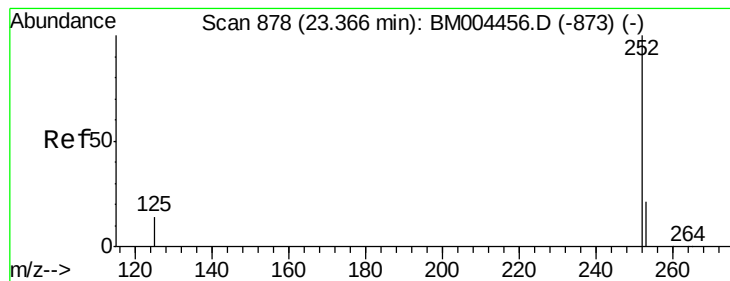


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#31

Benzo(a)pyrene

Concen: 0.89 ng

RT: 23.37 min Scan# 878

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampleId :

MW-3DL

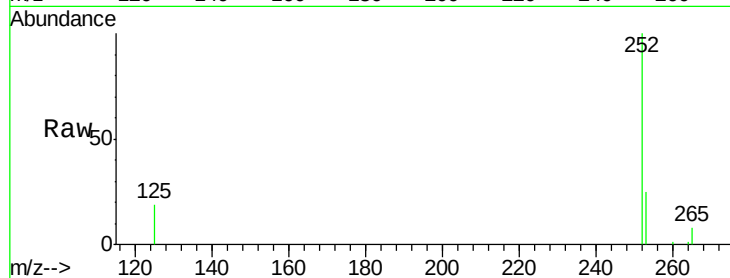
Tot Ion:252 Resp: 12897

Ion Ratio Lower Upper

252 100

253 24.6 19.3 28.9

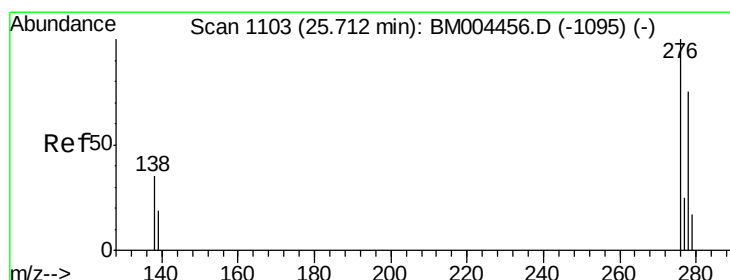
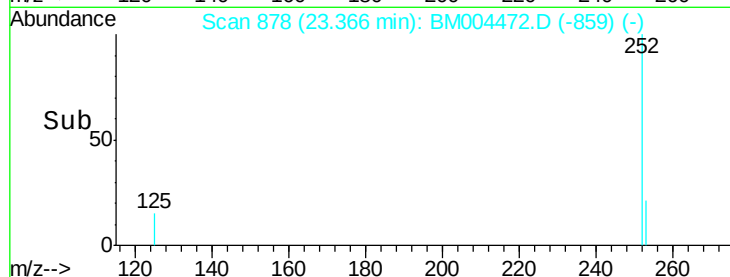
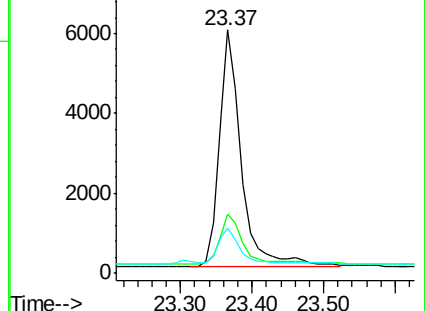
125 18.7 14.4 21.6



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

Dibenzo(a,h)anthracene

Concen: 0.86 ng

RT: 25.71 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

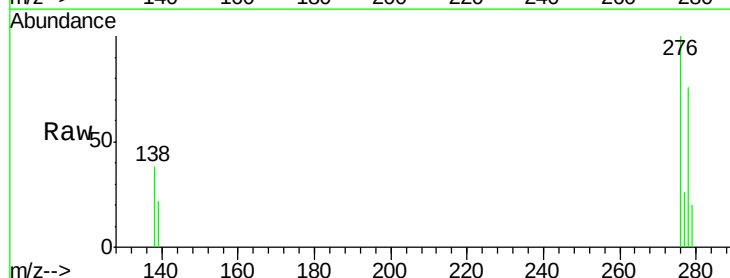
Tgt Ion:278 Resp: 11101

Ion Ratio Lower Upper

278 100

139 28.8 22.3 33.5

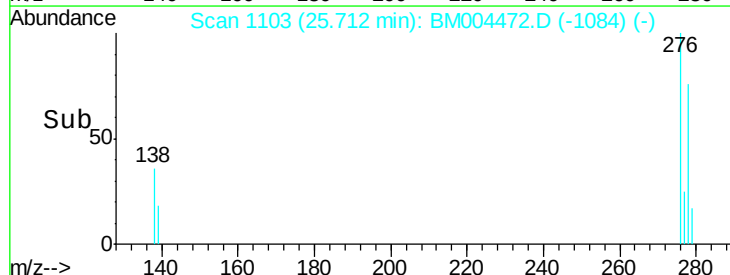
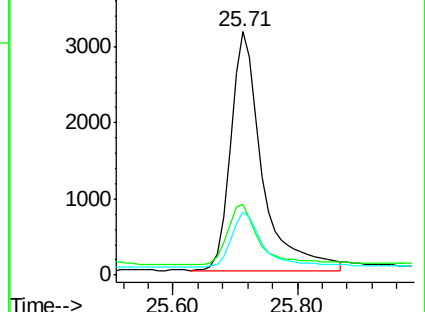
279 25.7 20.7 31.1

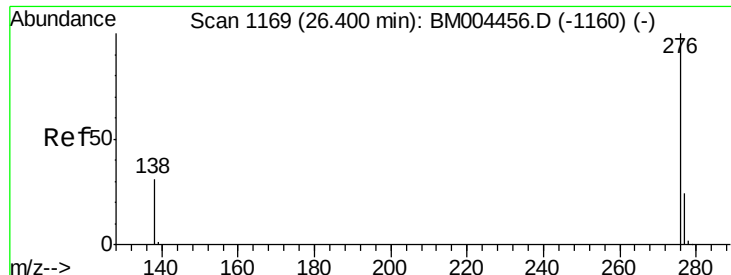


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#33

Benzo(a,h,i)perylene

Concen: 0.87 ng

RT: 26.40 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BM004472.D

Acq: 29 Feb 2016 05:38

Instrument :

BNA_M

ClientSampleId :

MW-3DL

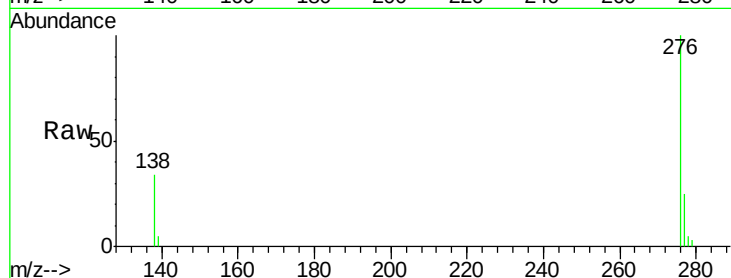
Tot Ion: 276 Resp: 12374

Ion Ratio Lower Upper

276 100

277 25.4 20.4 30.6

138 33.9 26.4 39.6



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

