

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
 Data File : BM004468.D
 Acq On : 29 Feb 2016 03:14
 Operator : SJ/UM
 Sample : H1509-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Quant Time: Feb 29 07:10:49 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

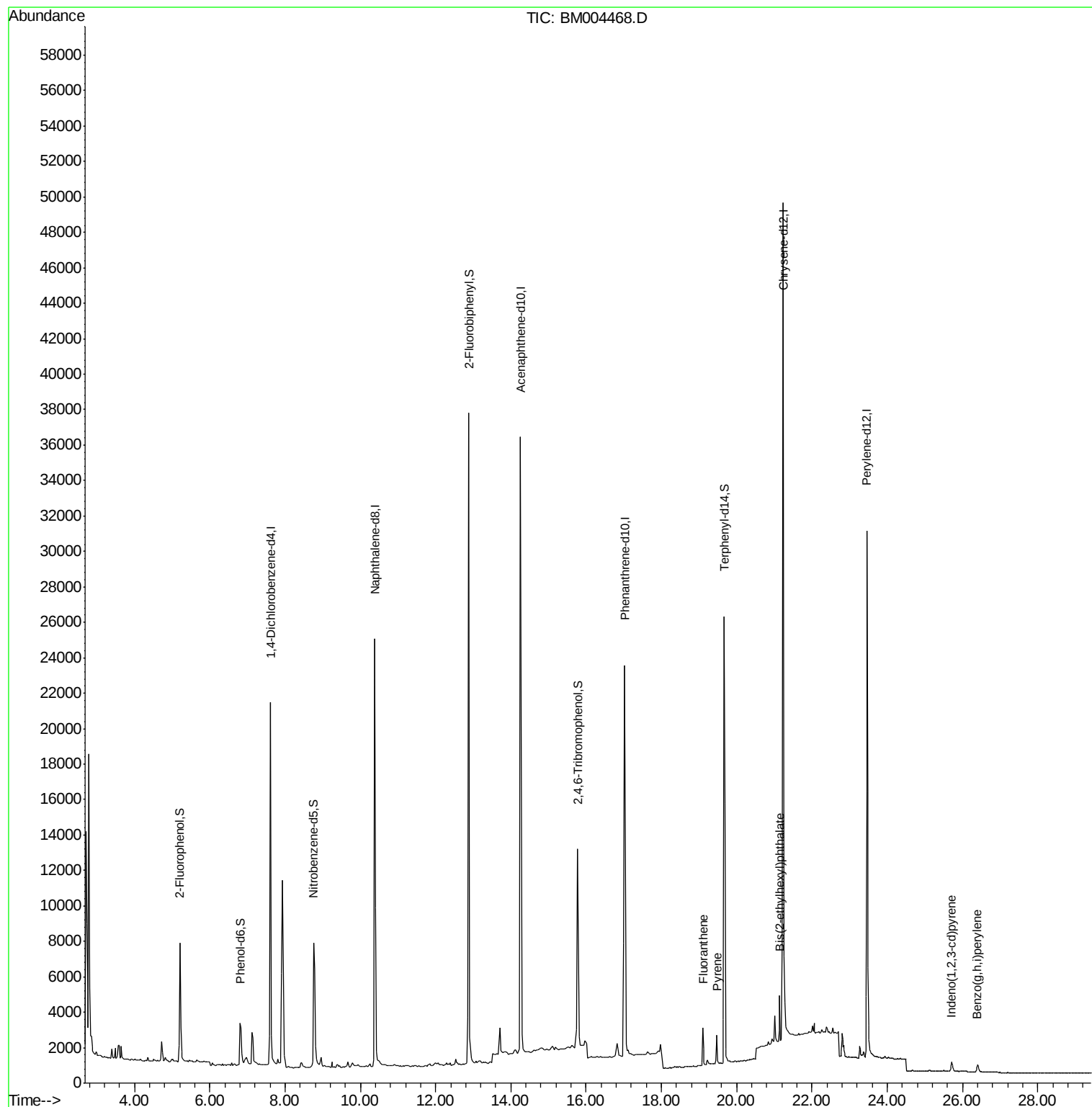
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	12588	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	45175	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	29108	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	44746	5.00	ng	0.00
19) Chrysene-d12	21.24	240	57044	5.00	ng	0.00
28) Perylene-d12	23.46	264	44153	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	7508	2.71	ng	0.00
5) Phenol-d6	6.83	99	5042	1.60	ng	0.00
8) Nitrobenzene-d5	8.76	82	10637	4.26	ng	-0.02
13) 2,4,6-Tribromophenol	15.78	330	12538	8.40	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	42641	4.80	ng	0.00
22) Terphenyl-d14	19.67	244	33964	4.68	ng	-0.02
Target Compounds						
18) Fluoranthene	19.10	202	2406	0.14	ng	# 95
21) Pyrene	19.48	202	2247	0.13	ng	# 98
26) Bis(2-ethylhexyl)phthalate	21.14	149	3323	0.23	ng	# 93
27) Indeno(1,2,3-cd)pyrene	25.71	276	871	0.06	ng	# 94
33) Benzo(g,h,i)perylene	26.40	276	950	0.07	ng	# 58

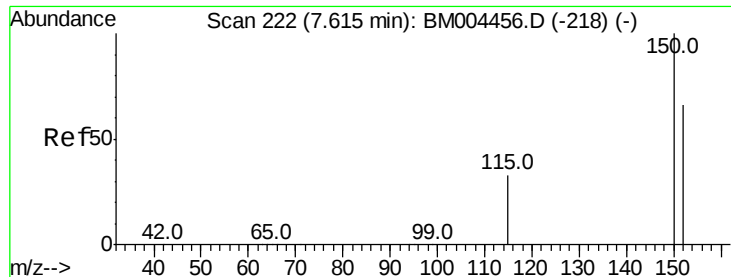
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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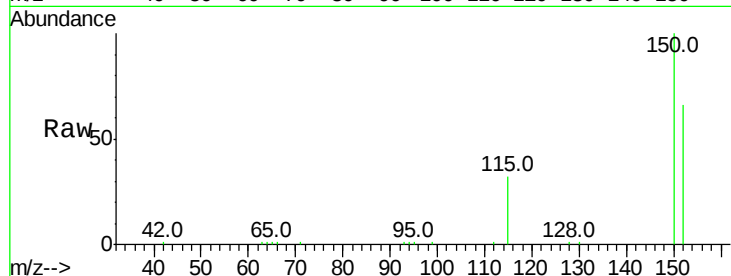


#1

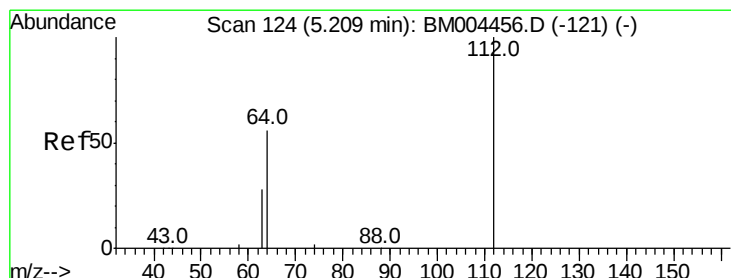
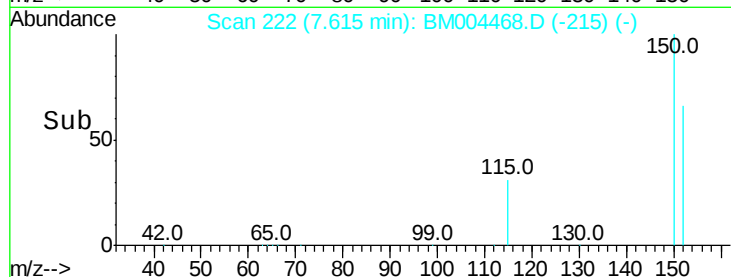
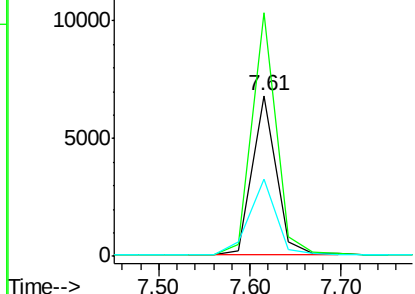
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampled :
MW-4

Tot Ion:152 Resp: 12588
Ion Ratio Lower Upper
152 100
150 151.4 123.9 185.9
115 48.2 40.6 61.0



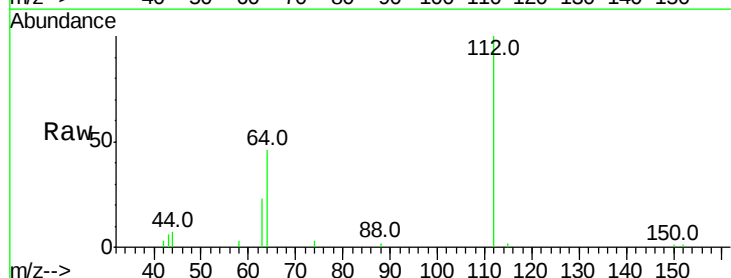
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



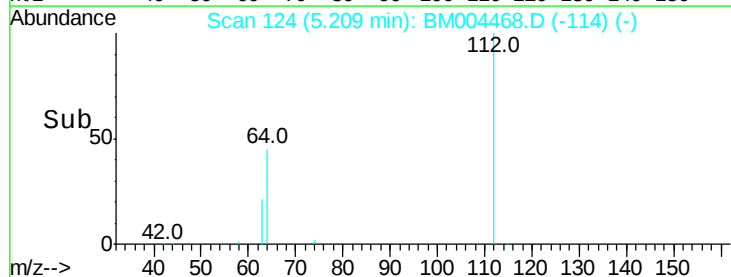
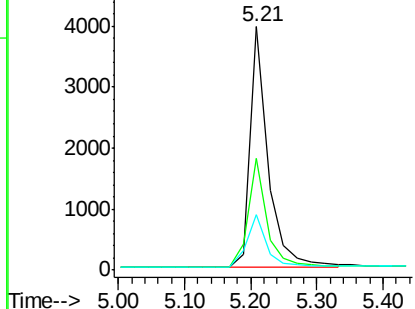
#4

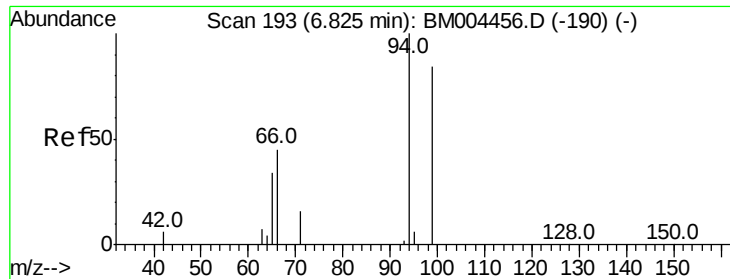
2-Fluorophenol
Concen: 2.71 ng
RT: 5.21 min Scan# 124
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:112 Resp: 7508
Ion Ratio Lower Upper
112 100
64 46.9 39.4 59.2
63 23.7 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: 1.60 ng

RT: 6.83 min Scan# 193

Delta R.T. -0.00 min

Lab File: BM004468.D

Acq: 29 Feb 2016 03:14

Instrument :

BNA_M

ClientSampleId :

MW-4

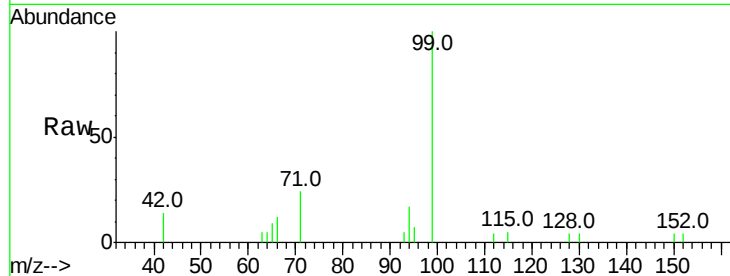
Tot Ion: 99 Resp: 5042

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

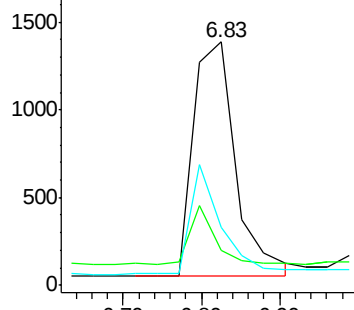
71 0.0 0.0 0.0



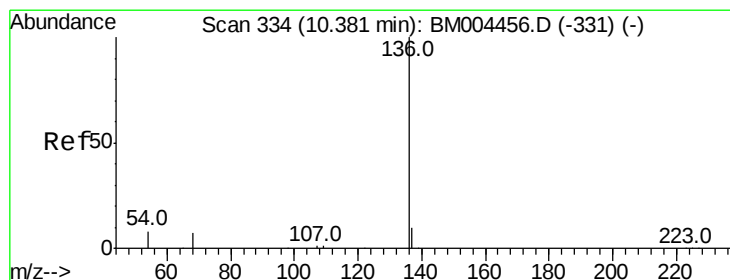
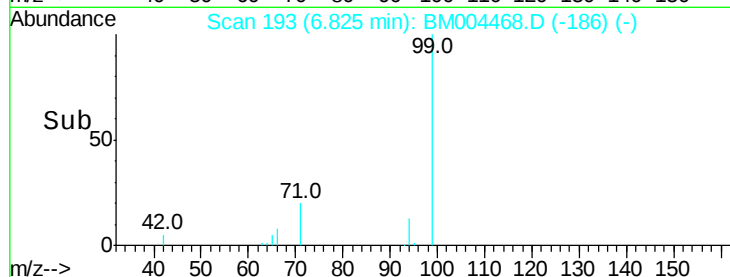
Abundance Ion 99.00 (98.70 to 99.70): BM004468.D (-186) (-)

Ion 42.00 (41.70 to 42.70): BM004468.D (-186) (-)

Ion 71.00 (70.70 to 71.70): BM004468.D (-186) (-)



Time-->



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. -0.00 min

Lab File: BM004468.D

Acq: 29 Feb 2016 03:14

Tgt Ion: 136 Resp: 45175

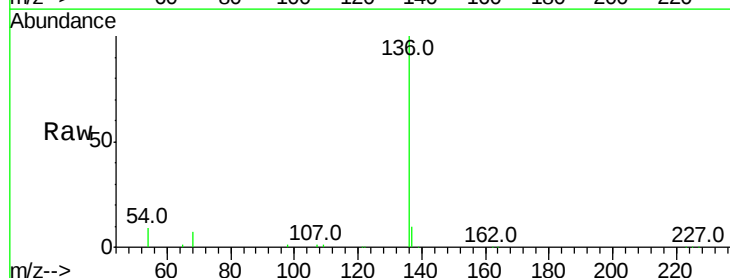
Ion Ratio Lower Upper

136 100

137 10.1 8.0 12.0

54 8.9 7.0 10.6

68 7.2 5.8 8.6

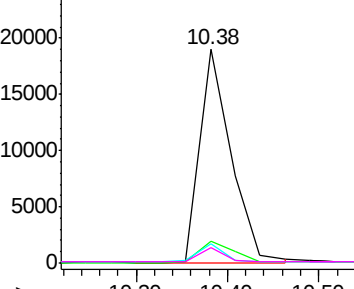


Abundance Ion 136.00 (135.70 to 136.70): BM004468.D (-327) (-)

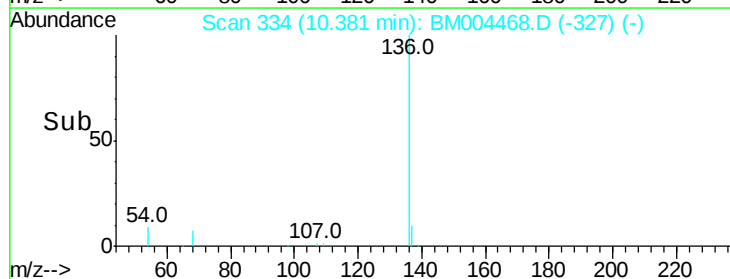
Ion 137.00 (136.70 to 137.70): BM004468.D (-327) (-)

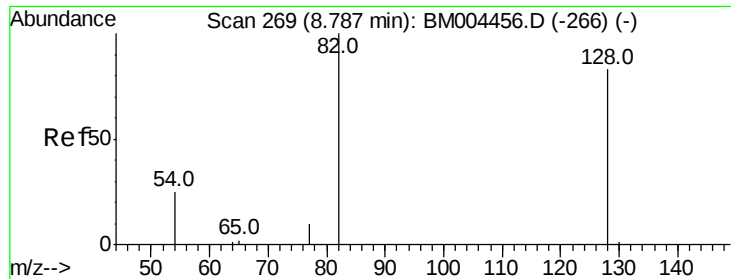
Ion 54.00 (53.70 to 54.70): BM004468.D (-327) (-)

Ion 68.00 (67.70 to 68.70): BM004468.D (-327) (-)



Time-->





#8

Nitrobenzene-d5

Concen: 4.26 ng

RT: 8.76 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM004468.D

Acq: 29 Feb 2016 03:14

Instrument :

BNA_M

ClientSampled :

MW-4

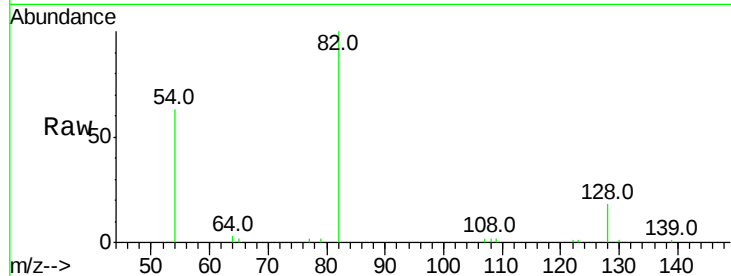
Tot Ion: 82 Resp: 10637

Ion Ratio Lower Upper

82 100

128 17.6 67.0 100.6#

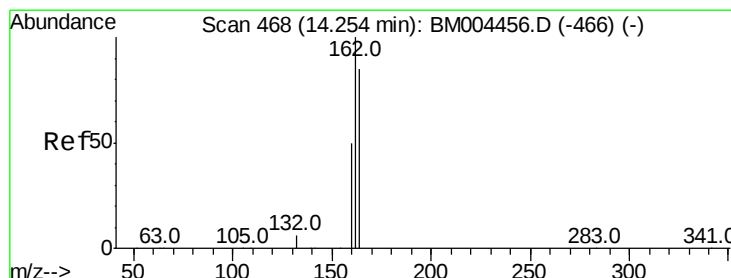
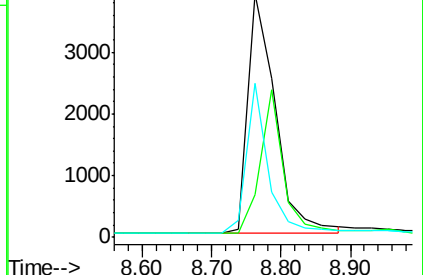
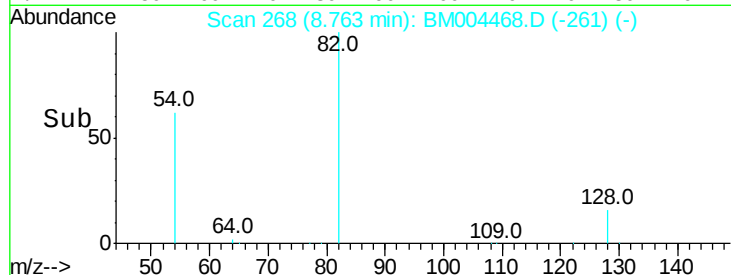
54 63.1 25.2 37.8#



Abundance Ion 82.00 (81.70 to 82.70): BM004456.D (-266) (-)

Ion 128.00 (127.70 to 128.70): BM004456.D (-266) (-)

Ion 54.00 (53.70 to 54.70): BM004456.D (-266) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 468

Delta R.T. -0.00 min

Lab File: BM004468.D

Acq: 29 Feb 2016 03:14

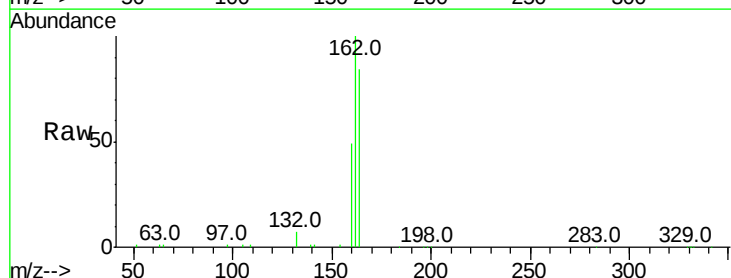
Tgt Ion:164 Resp: 29108

Ion Ratio Lower Upper

164 100

162 119.3 94.6 141.8

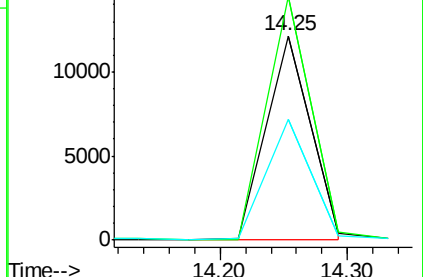
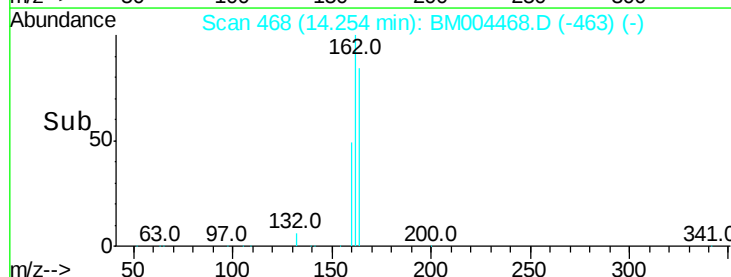
160 59.0 47.0 70.4

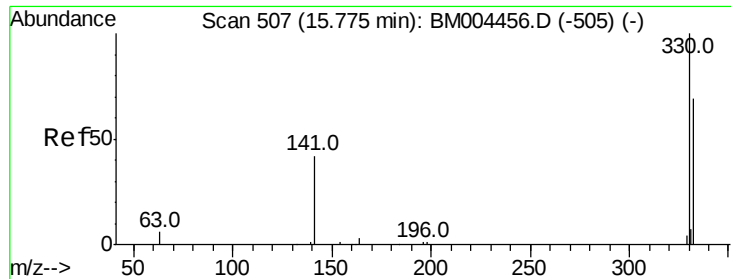


Abundance Ion 164.00 (163.70 to 164.70): BM004456.D (-466) (-)

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

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

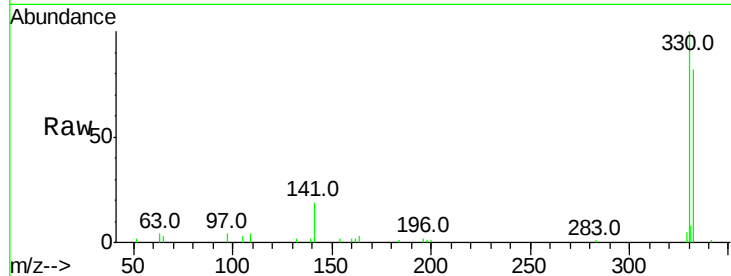




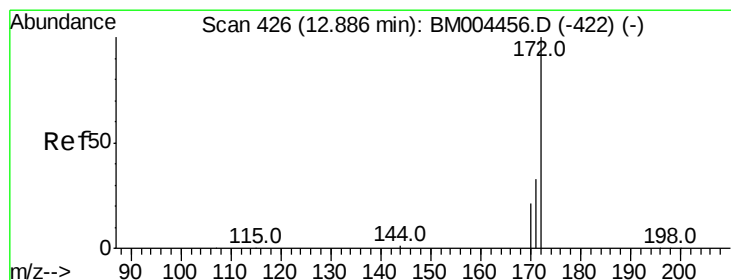
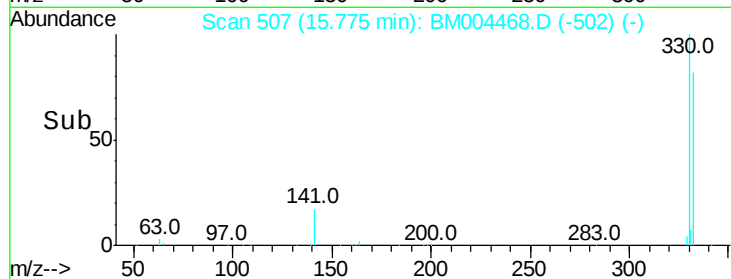
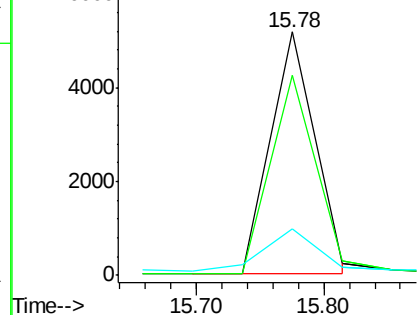
#13
 2,4,6-Tribromophenol
 Concen: 8.40 ng
 RT: 15.78 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BM004468.D
 Acq: 29 Feb 2016 03:14

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Tot Ion:330 Resp: 12538
 Ion Ratio Lower Upper
 330 100
 332 83.6 59.2 88.8
 141 20.3 33.0 49.4#

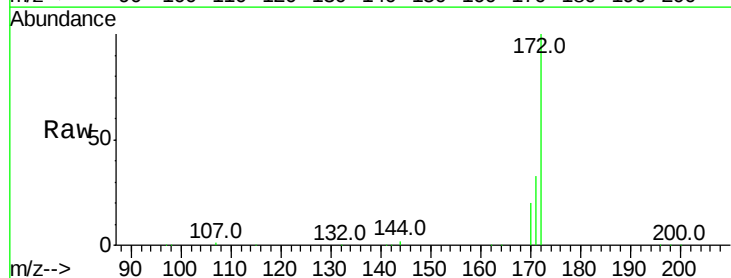


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

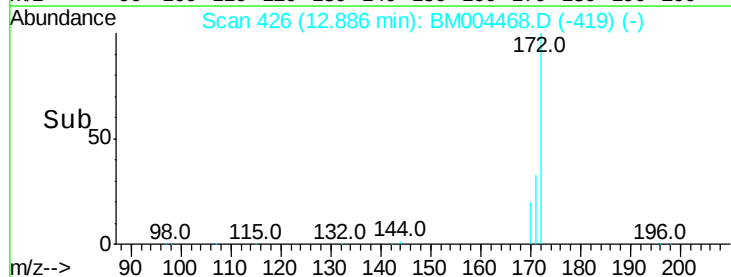
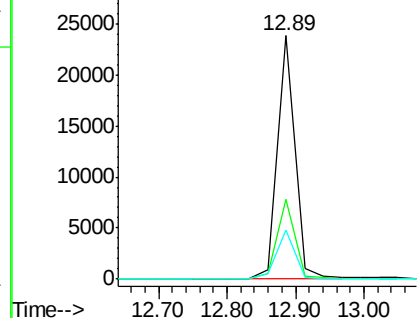


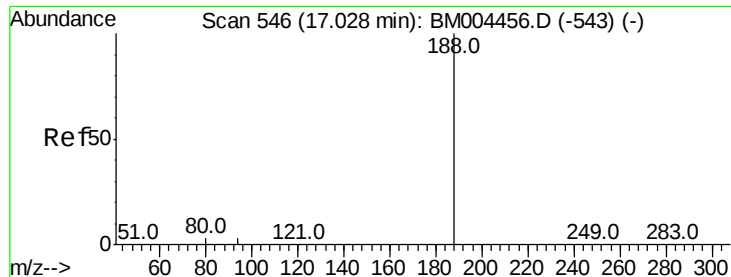
#14
 2-Fluorobiphenyl
 Concen: 4.80 ng
 RT: 12.89 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BM004468.D
 Acq: 29 Feb 2016 03:14

Tgt Ion:172 Resp: 42641
 Ion Ratio Lower Upper
 172 100
 171 32.7 27.2 40.8
 170 20.3 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: BM004468.D

Acq: 29 Feb 2016 03:14

Instrument :

BNA_M

ClientSampled :

MW-4

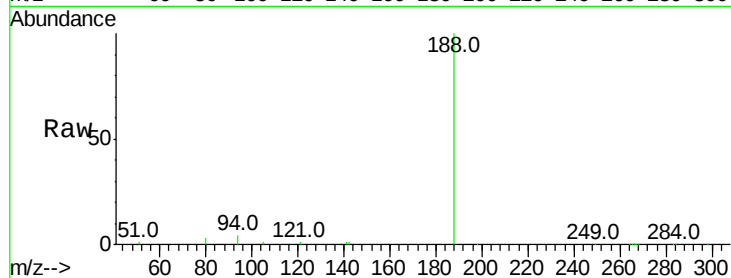
Tot Ion:188 Resp: 44746

Ion Ratio Lower Upper

188 100

94 3.9 2.7 4.1

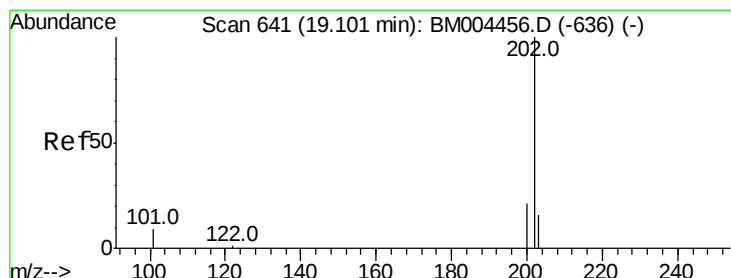
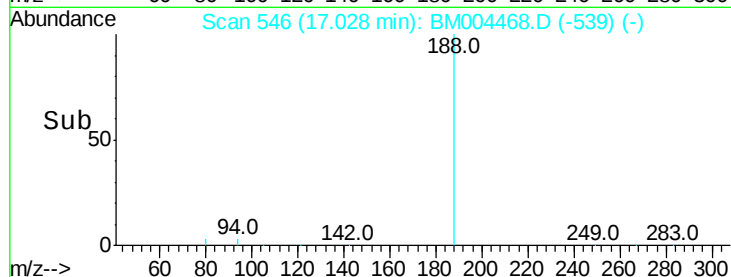
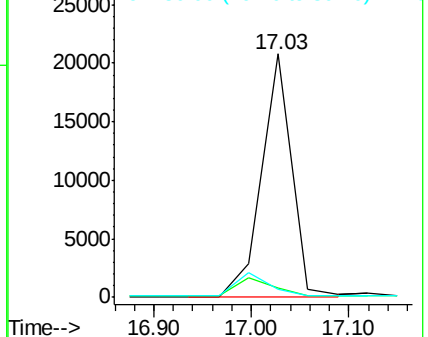
80 3.2 2.2 3.4



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



#18

Fluoranthene

Concen: 0.14 ng

RT: 19.10 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM004468.D

Acq: 29 Feb 2016 03:14

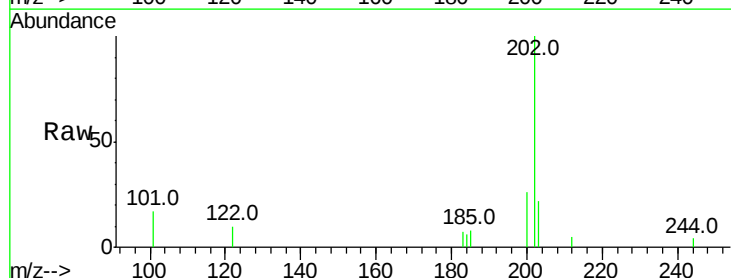
Tgt Ion:202 Resp: 2406

Ion Ratio Lower Upper

202 100

101 15.8 9.4 14.0#

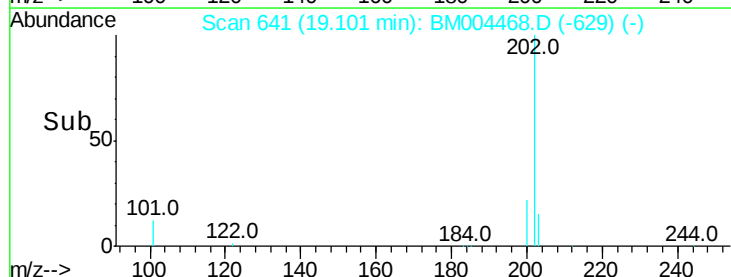
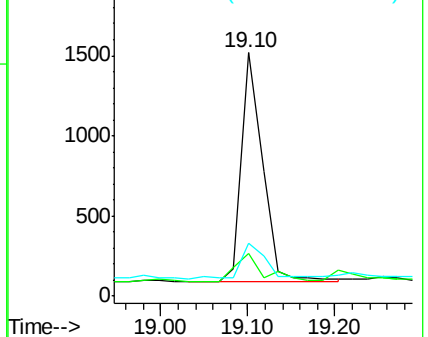
203 17.7 13.9 20.9

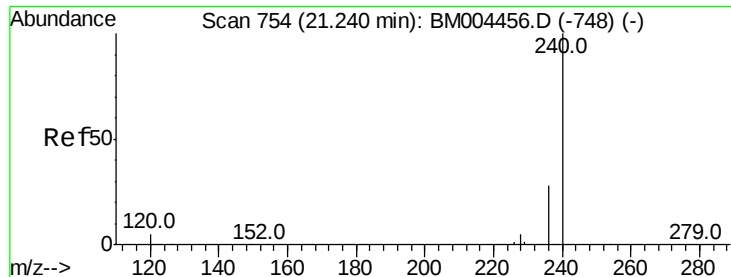


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

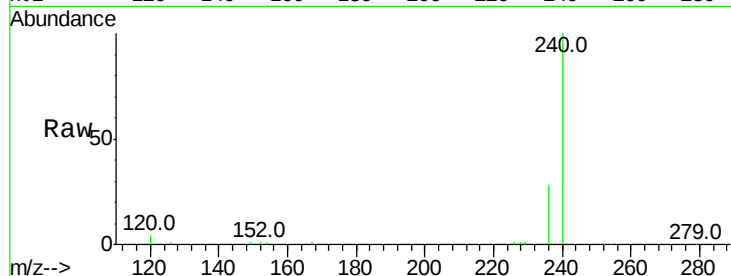




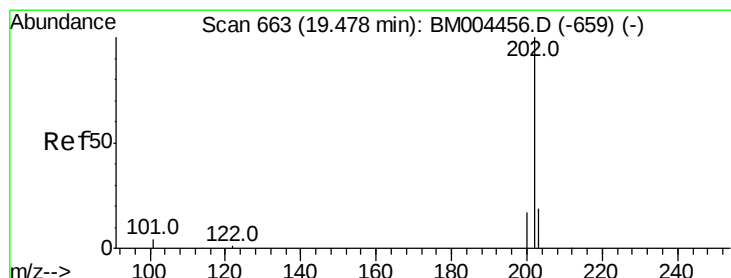
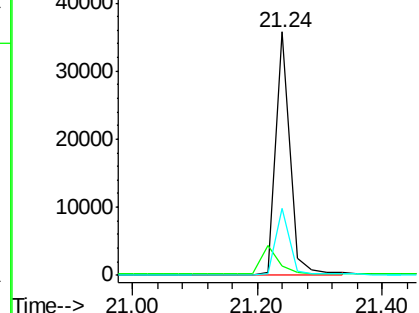
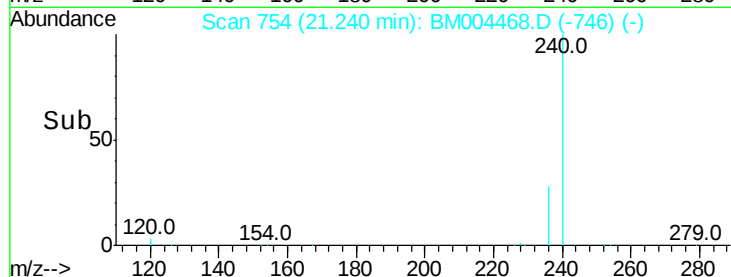
#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Instrument :
BNA_M
ClientSampleId :
MW-4

Tot Ion:240 Resp: 57044
Ion Ratio Lower Upper
240 100
120 4.0 4.0 6.0
236 27.7 22.7 34.1

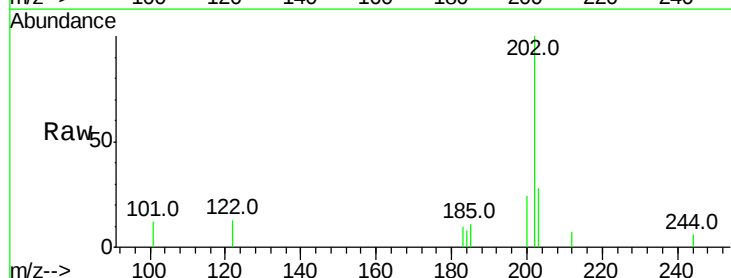


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

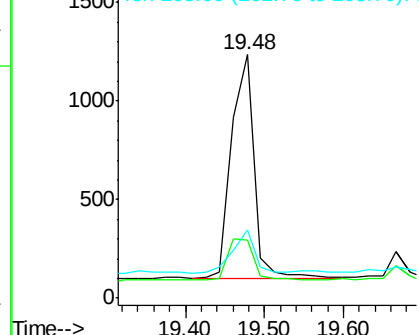
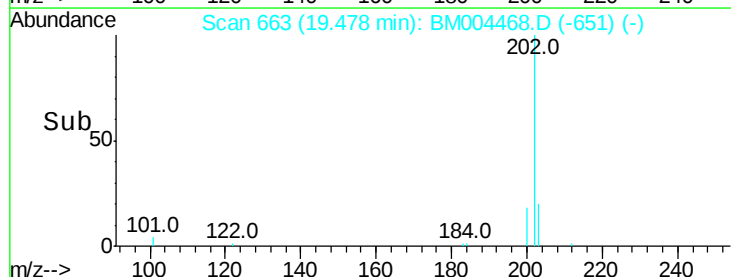


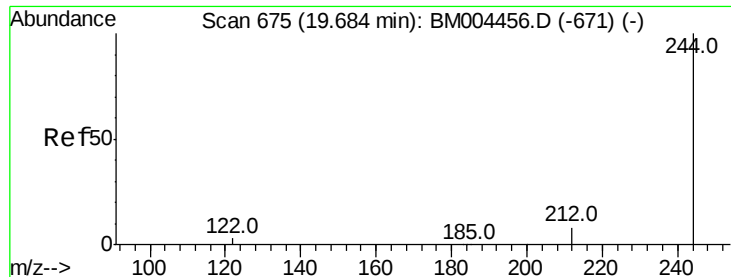
#21
Pyrene
Concen: 0.13 ng
RT: 19.48 min Scan# 663
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:202 Resp: 2247
Ion Ratio Lower Upper
202 100
200 21.3 16.6 24.8
203 19.1 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

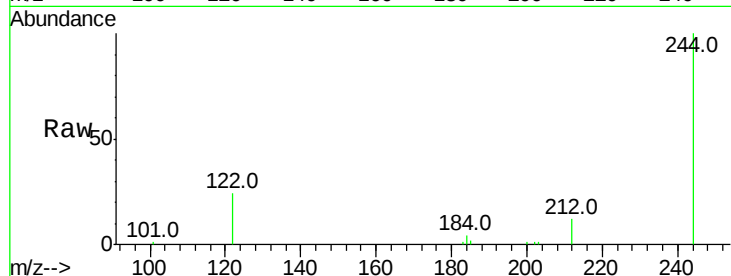




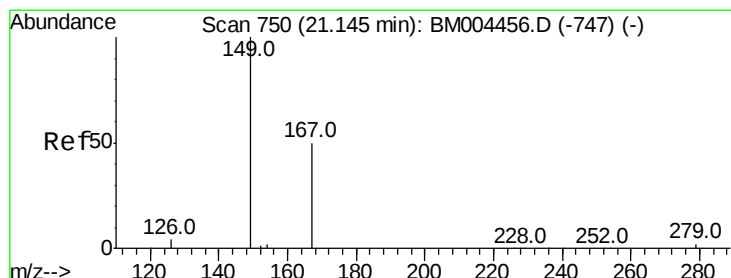
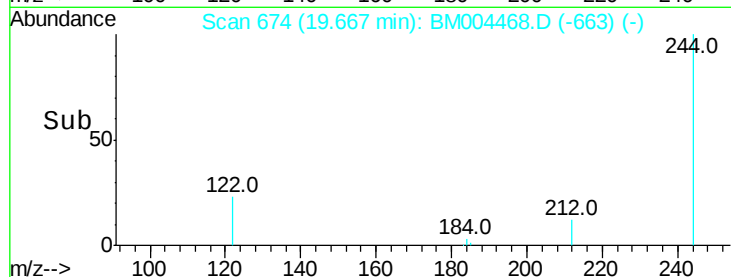
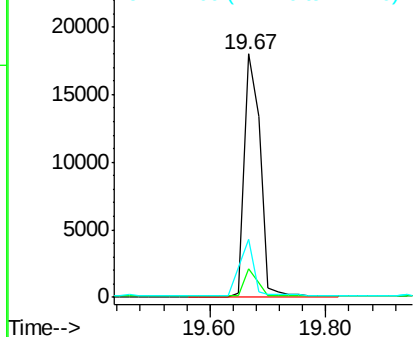
#22
 Terphenyl-d14
 Concen: 4.68 ng
 RT: 19.67 min Scan# 674
 Delta R.T. -0.02 min
 Lab File: BM004468.D
 Acq: 29 Feb 2016 03:14

Instrument :
 BNA_M
 ClientSampleId :
 MW-4

Tot Ion:244 Resp: 33964
 Ion Ratio Lower Upper
 244 100
 212 12.0 7.4 11.2#
 122 24.0 4.2 6.2#

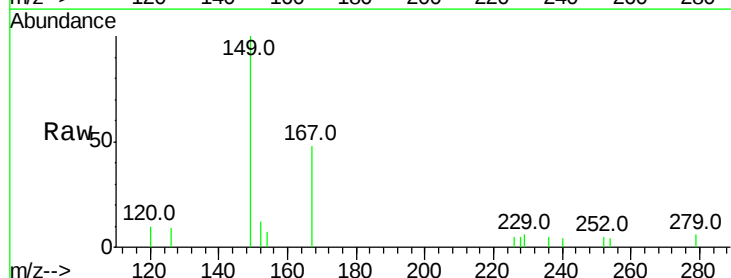


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

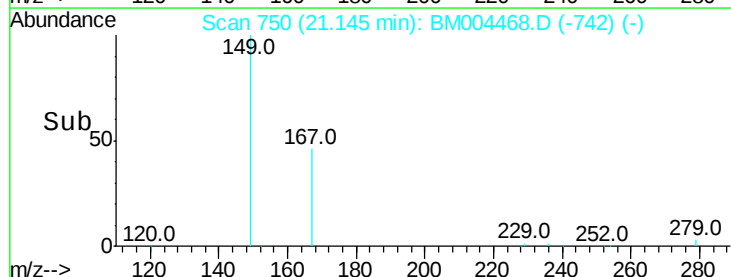
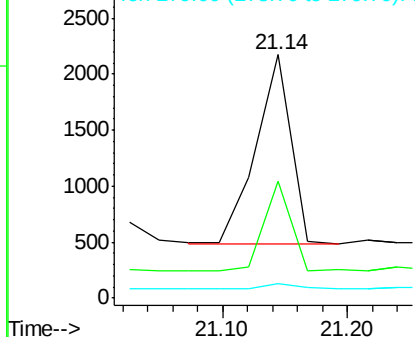


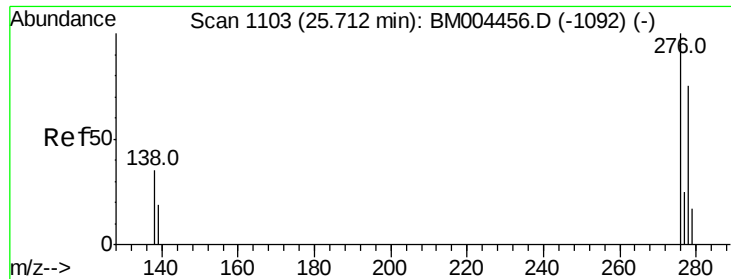
#26
 Bis(2-ethylhexyl)phthalate
 Concen: 0.23 ng
 RT: 21.14 min Scan# 750
 Delta R.T. 0.00 min
 Lab File: BM004468.D
 Acq: 29 Feb 2016 03:14

Tgt Ion:149 Resp: 3323
 Ion Ratio Lower Upper
 149 100
 167 36.8 33.1 49.7
 279 3.2 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

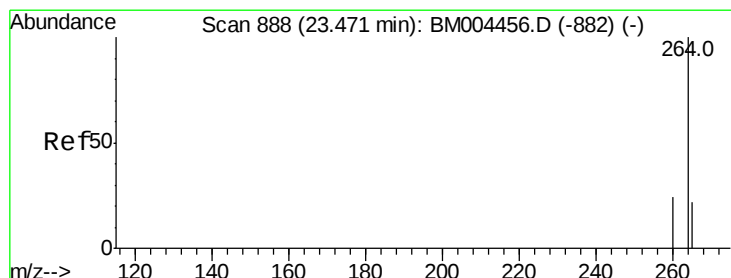
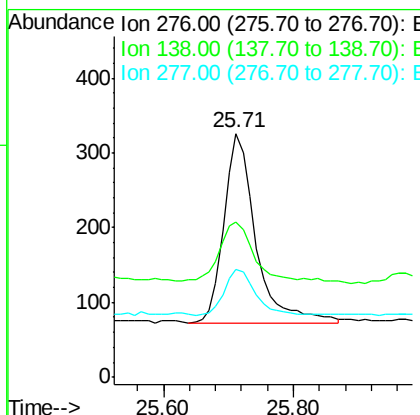
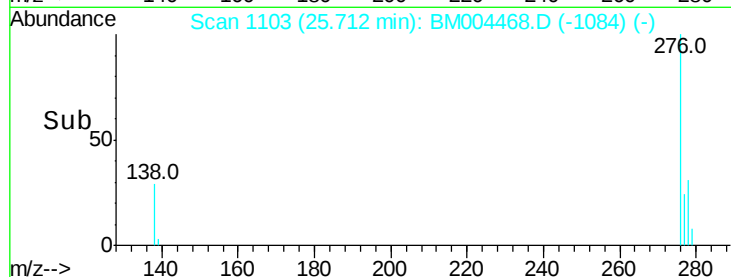
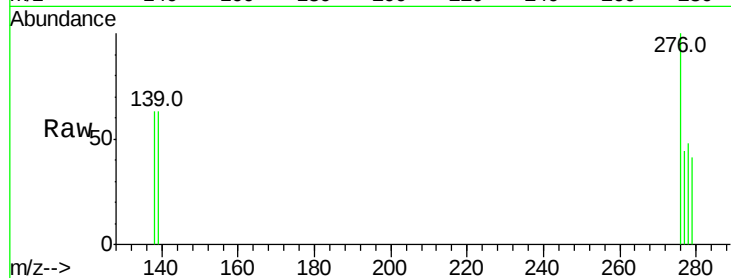




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.06 ng
RT: 25.71 min Scan# 1103
Delta R.T. -0.00 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

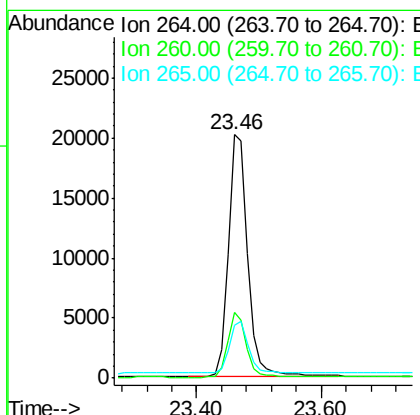
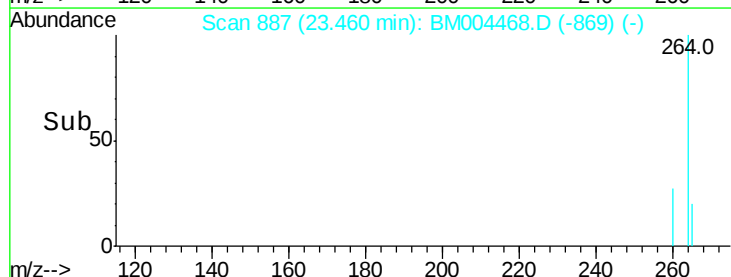
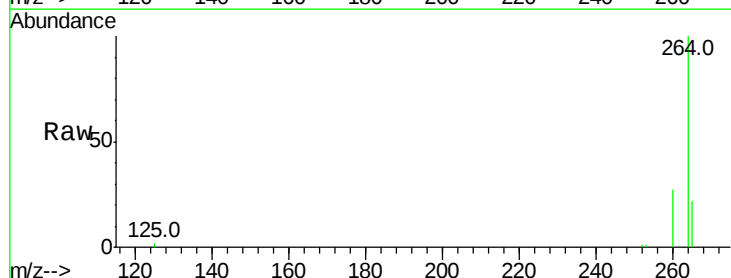
Instrument :
BNA_M
ClientSampleId :
MW-4

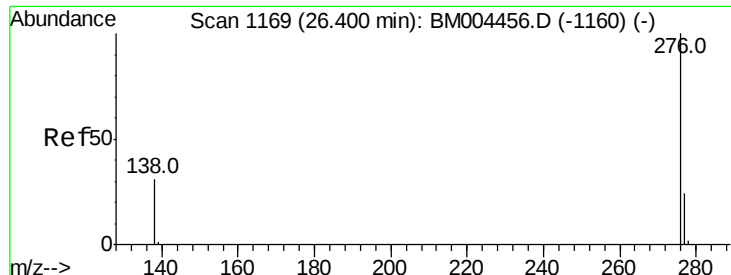
Tot Ion:276 Resp: 871
Ion Ratio Lower Upper
276 100
138 32.3 30.0 45.0
277 23.5 19.8 29.8



#28
Perylene-d12
Concen: 5.00 ng
RT: 23.46 min Scan# 887
Delta R.T. -0.01 min
Lab File: BM004468.D
Acq: 29 Feb 2016 03:14

Tgt Ion:264 Resp: 44153
Ion Ratio Lower Upper
264 100
260 27.0 19.4 29.2
265 21.9 18.9 28.3





#33

Benzo(a,h,i)perylene

Concen: 0.07 ng

RT: 26.40 min Scan# 1169

Delta R.T. -0.00 min

Lab File: BM004468.D

Acq: 29 Feb 2016 03:14

Instrument :

BNA_M

ClientSampleId :

MW-4

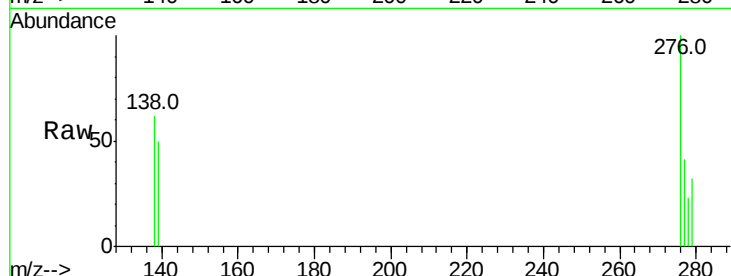
Tot Ion:276 Resp: 950

Ion Ratio Lower Upper

276 100

277 41.4 20.4 30.6#

138 61.7 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

