

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
 Data File : BM004467.D
 Acq On : 29 Feb 2016 02:21
 Operator : SJ/UM
 Sample : H1509-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1-FD

Quant Time: Feb 29 07:01:51 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	13166	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	49845	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	36410	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	37671	5.00	ng	0.00
19) Chrysene-d12	21.24	240	54759	5.00	ng	0.00
28) Perylene-d12	23.46	264	44292	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	7461	2.58	ng	0.00
5) Phenol-d6	6.83	99	5011	1.52	ng	0.00
8) Nitrobenzene-d5	8.76	82	11103	4.03	ng	-0.02
13) 2,4,6-Tribromophenol	15.78	330	14564	7.82	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	40668	3.66	ng	0.00
22) Terphenyl-d14	19.67	244	33423	4.79	ng	-0.02

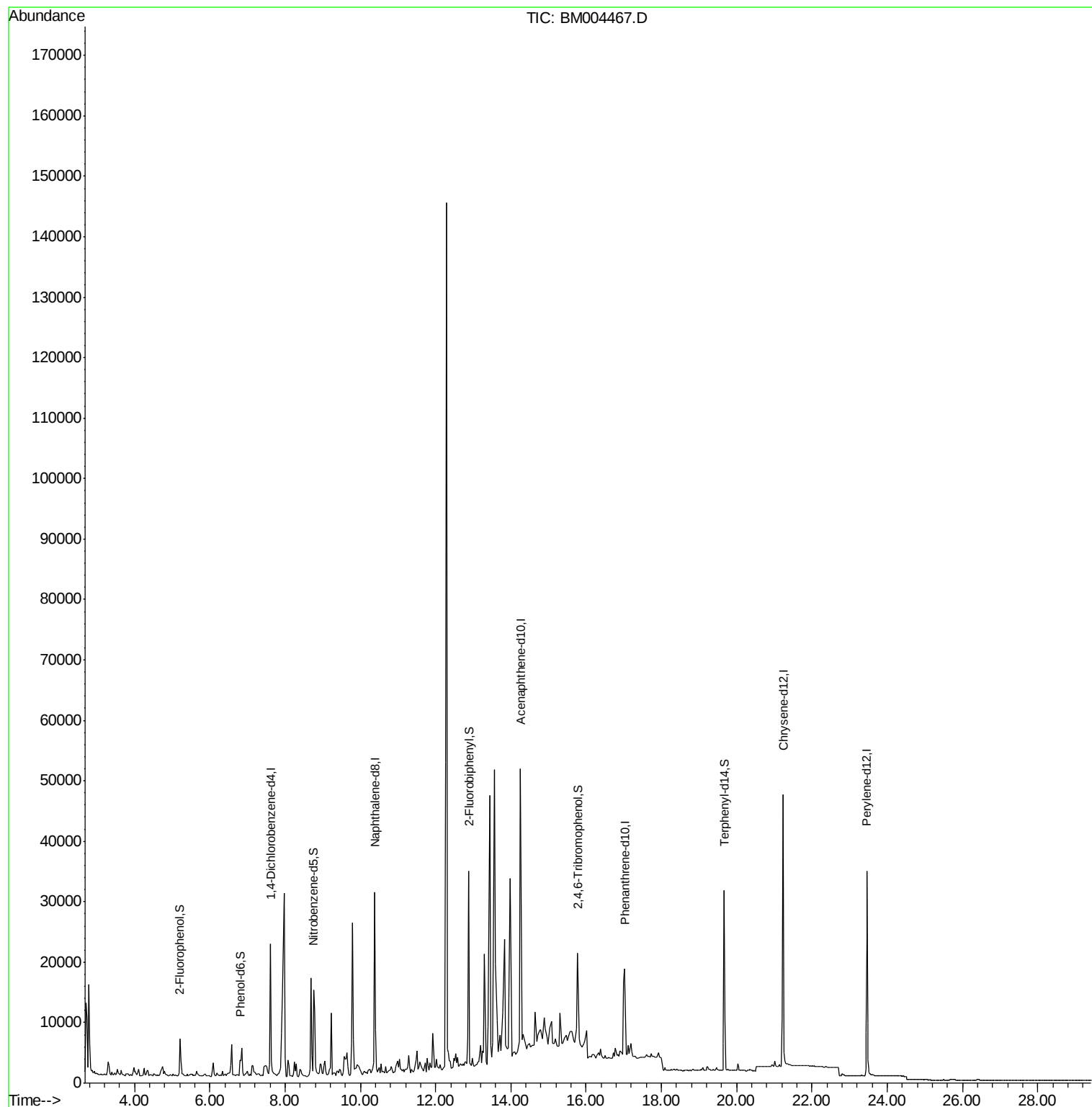
Target Compounds	Qvalue
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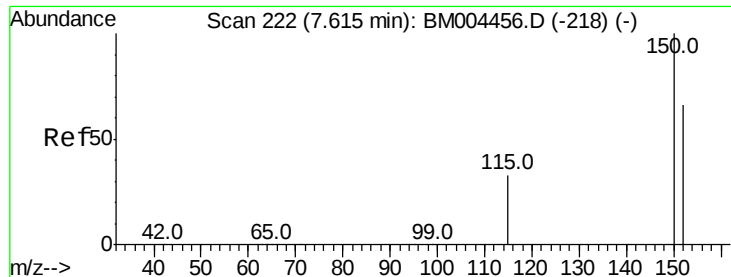
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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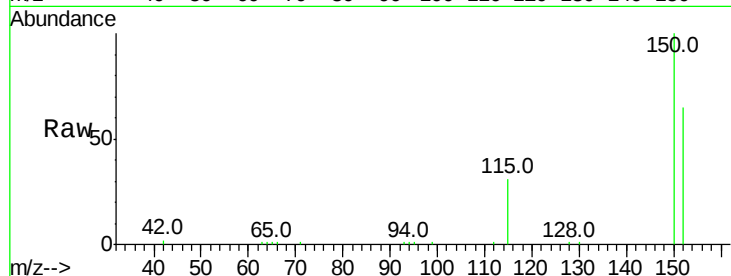


#1

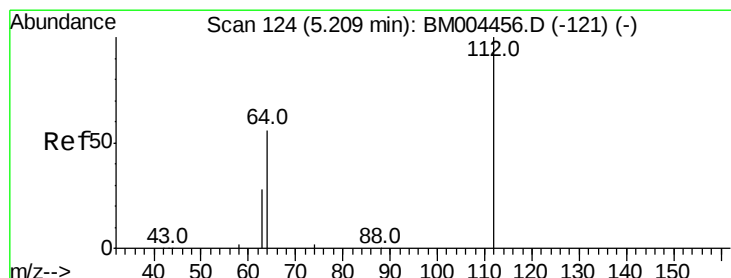
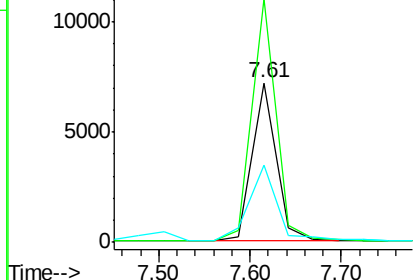
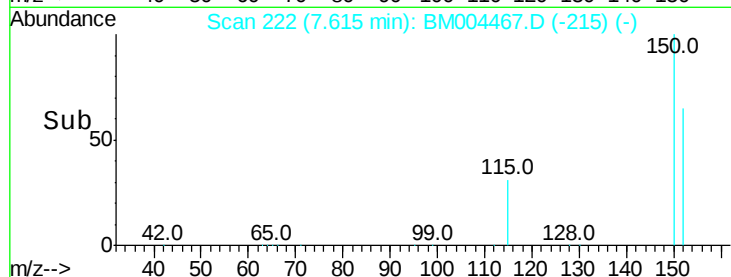
1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 7.61 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: BM004467.D
 Acq: 29 Feb 2016 02:21

Instrument :
 BNA_M
 ClientSampled :
 MW-1-FD

Tot Ion:152 Resp: 13166
 Ion Ratio Lower Upper
 152 100
 150 152.7 123.9 185.9
 115 48.0 40.6 61.0



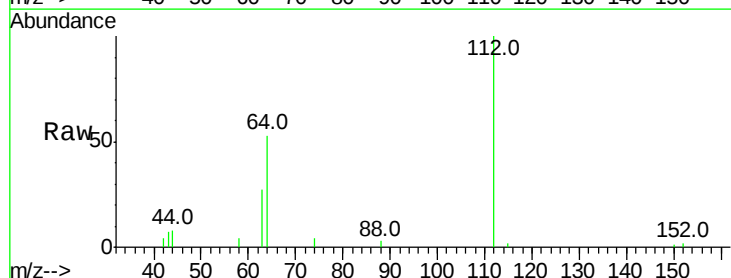
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



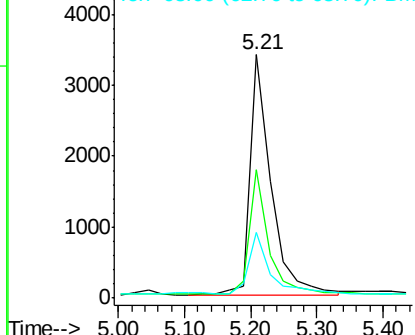
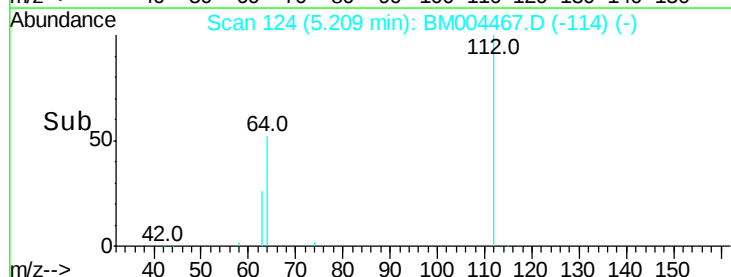
#4

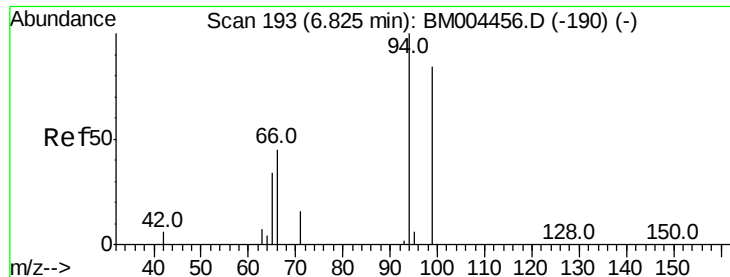
2-Fluorophenol
 Concen: 2.58 ng
 RT: 5.21 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BM004467.D
 Acq: 29 Feb 2016 02:21

Tgt Ion:112 Resp: 7461
 Ion Ratio Lower Upper
 112 100
 64 47.6 39.4 59.2
 63 25.9 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: 1.52 ng

RT: 6.83 min Scan# 193

Delta R.T. -0.00 min

Lab File: BM004467.D

Acq: 29 Feb 2016 02:21

Instrument :

BNA_M

ClientSampleId :

MW-1-FD

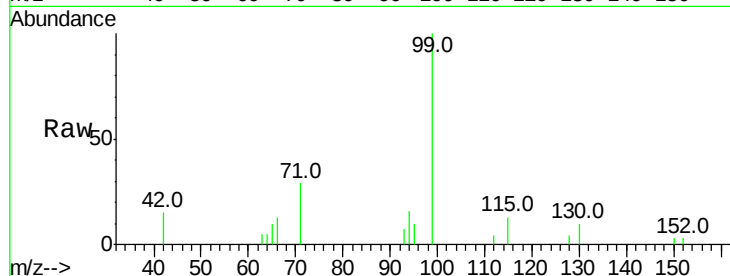
Tot Ion: 99 Resp: 5011

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

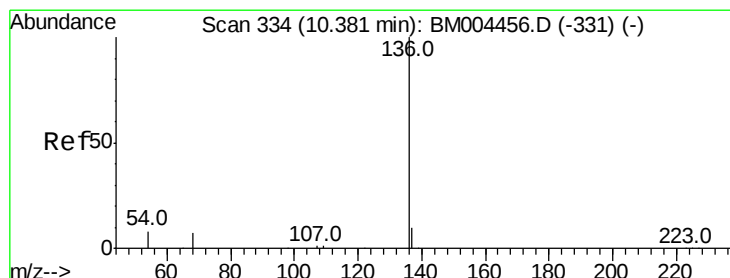
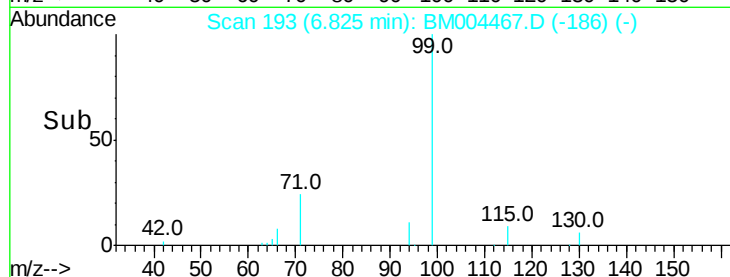
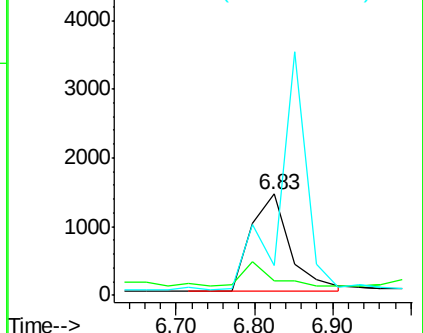
71 0.0 0.0 0.0



Abundance Ion 99.00 (98.70 to 99.70): BM004467.D (-186) (-)

Ion 42.00 (41.70 to 42.70): BM004467.D (-186) (-)

Ion 71.00 (70.70 to 71.70): BM004467.D (-186) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. -0.00 min

Lab File: BM004467.D

Acq: 29 Feb 2016 02:21

Tgt Ion: 136 Resp: 49845

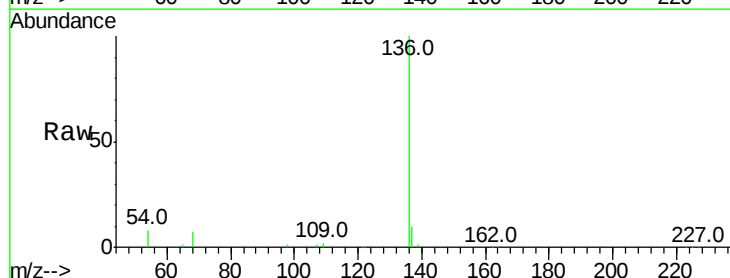
Ion Ratio Lower Upper

136 100

137 10.3 8.0 12.0

54 7.7 7.0 10.6

68 6.8 5.8 8.6

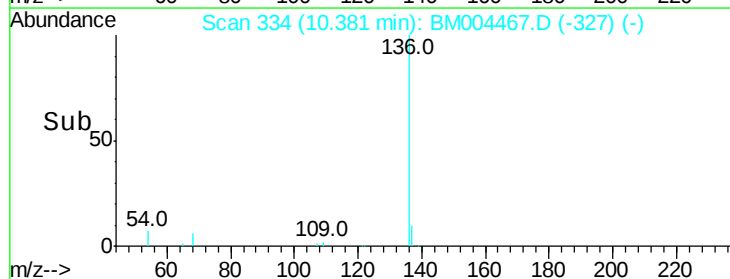
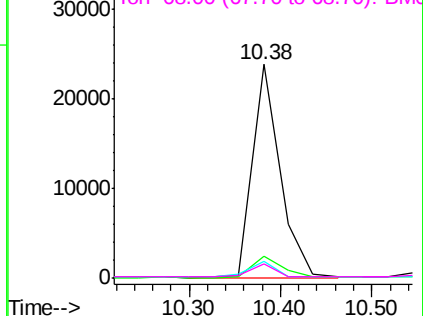


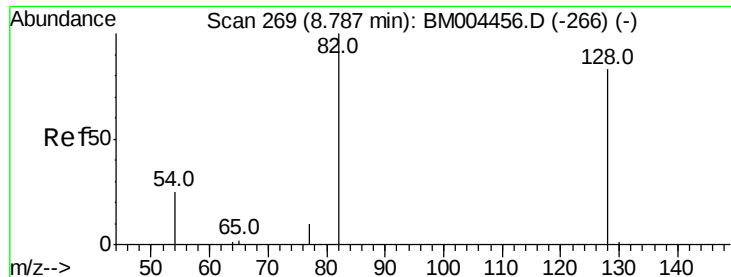
Abundance Ion 136.00 (135.70 to 136.70): BM004467.D (-327) (-)

Ion 137.00 (136.70 to 137.70): BM004467.D (-327) (-)

Ion 54.00 (53.70 to 54.70): BM004467.D (-327) (-)

Ion 68.00 (67.70 to 68.70): BM004467.D (-327) (-)





#8

Nitrobenzene-d5

Concen: 4.03 ng

RT: 8.76 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM004467.D

Acq: 29 Feb 2016 02:21

Instrument :

BNA_M

ClientSampleId :

MW-1-FD

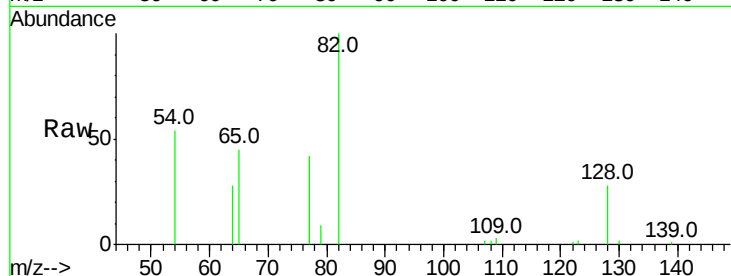
Tot Ion: 82 Resp: 11103

Ion Ratio Lower Upper

82 100

128 27.7 67.0 100.6#

54 54.5 25.2 37.8#

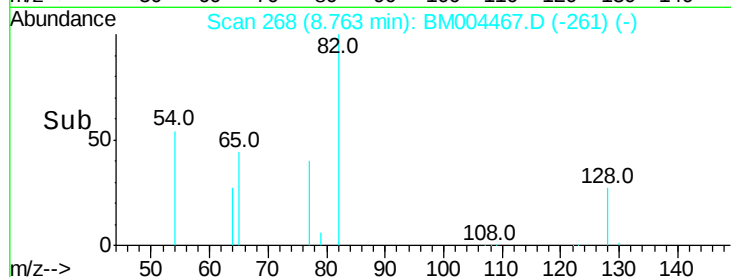


Abundance Ion 82.00 (81.70 to 82.70): BM004456.D (-266) (-)

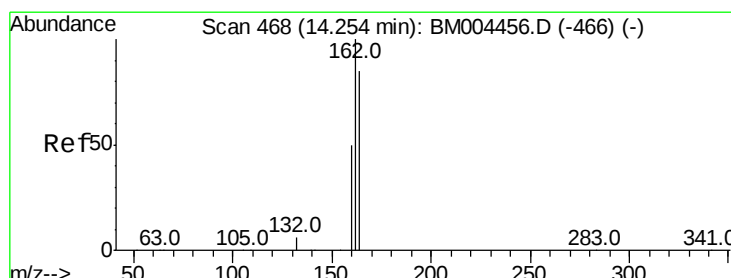
Ion 128.00 (127.70 to 128.70): BM004456.D (-266) (-)

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

Time-->



Time-->



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 468

Delta R.T. -0.00 min

Lab File: BM004467.D

Acq: 29 Feb 2016 02:21

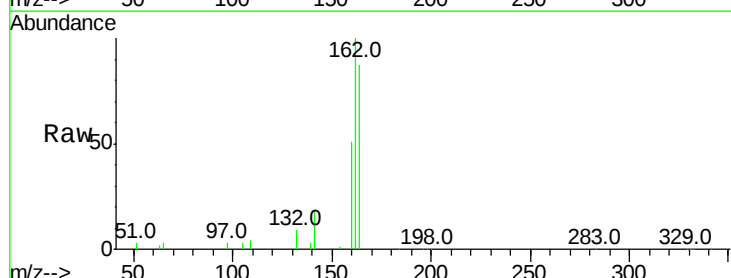
Tgt Ion: 164 Resp: 36410

Ion Ratio Lower Upper

164 100

162 114.6 94.6 141.8

160 58.6 47.0 70.4

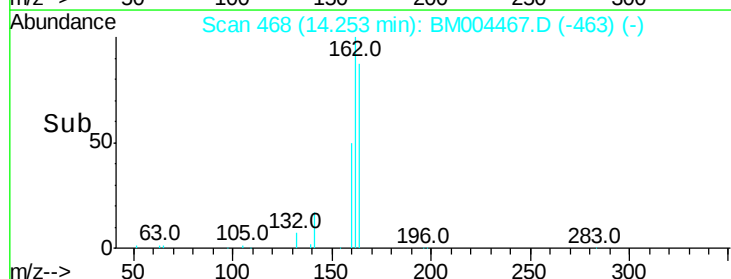


Abundance Ion 164.00 (163.70 to 164.70): BM004456.D (-466) (-)

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

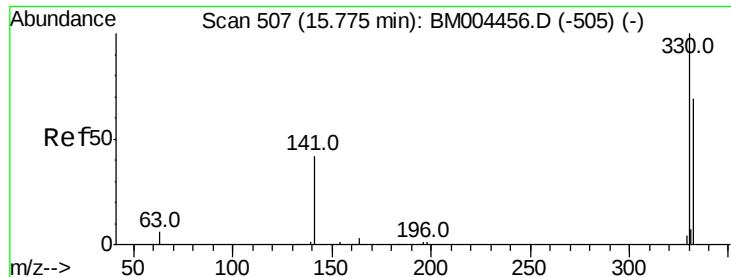
Ion 160.00 (159.70 to 160.70): BM004456.D (-466) (-)

Time-->



Time-->

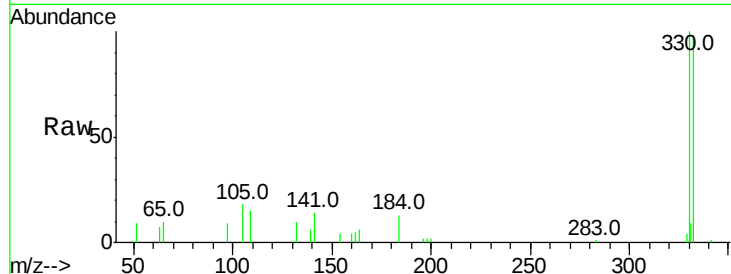
Time-->



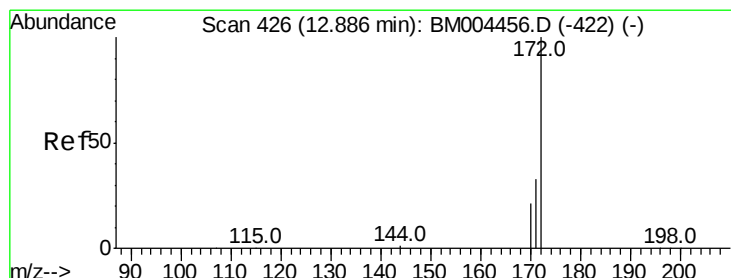
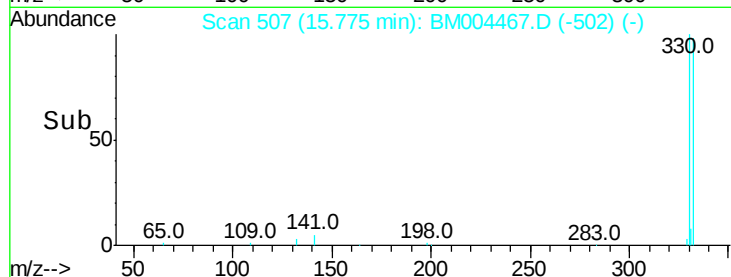
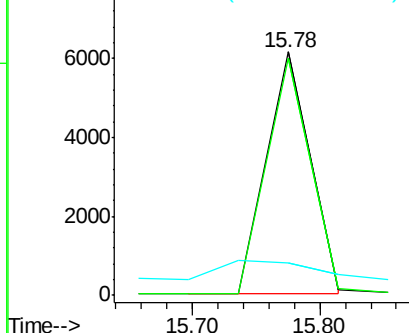
#13
 2,4,6-Tribromophenol
 Concen: 7.82 ng
 RT: 15.78 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BM004467.D
 Acq: 29 Feb 2016 02:21

Instrument :
 BNA_M
 ClientSampleId :
 MW-1-FD

Tot Ion:330 Resp: 14564
 Ion Ratio Lower Upper
 330 100
 332 97.9 59.2 88.8#
 141 0.0 33.0 49.4#

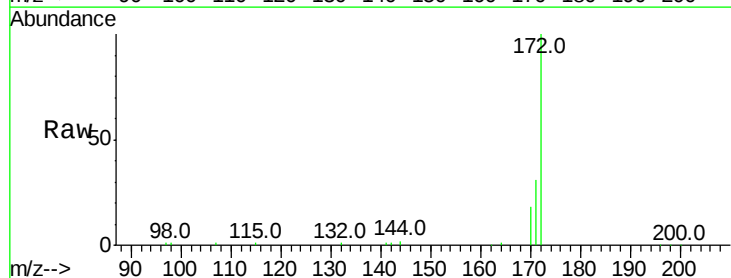


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

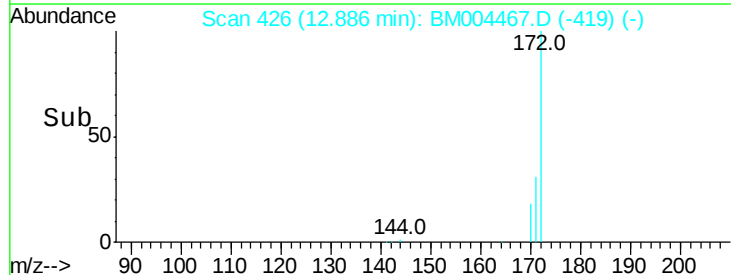
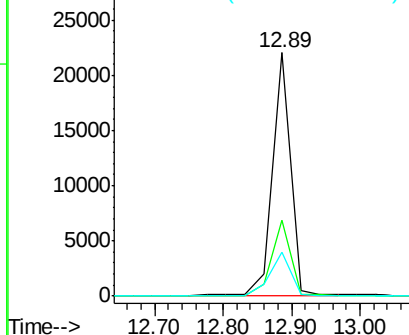


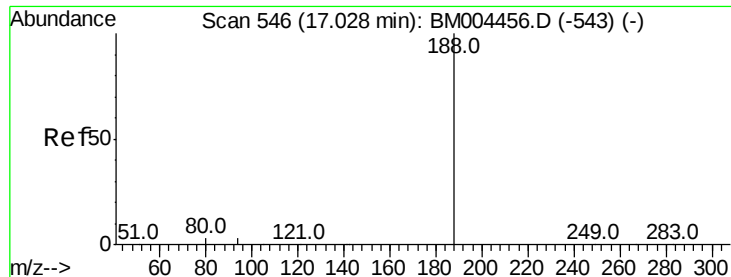
#14
 2-Fluorobiphenyl
 Concen: 3.66 ng
 RT: 12.89 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BM004467.D
 Acq: 29 Feb 2016 02:21

Tgt Ion:172 Resp: 40668
 Ion Ratio Lower Upper
 172 100
 171 31.1 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

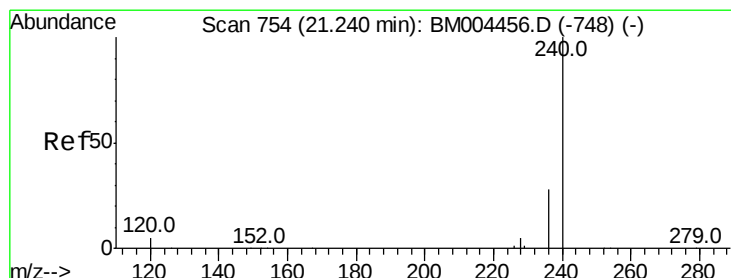
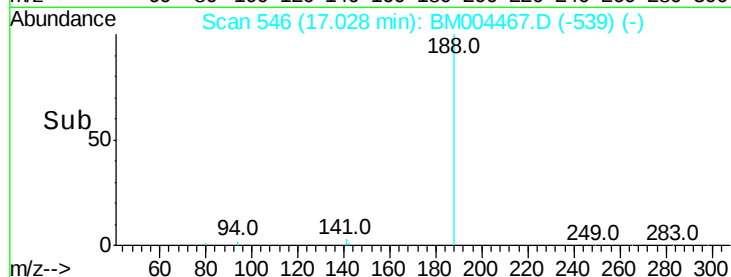
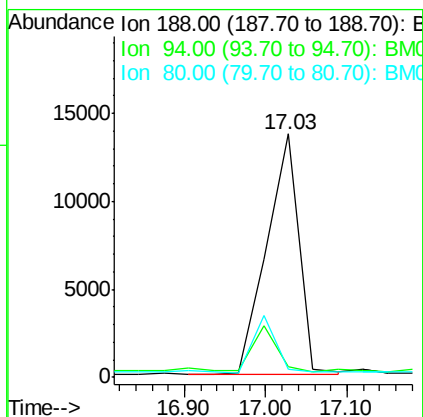
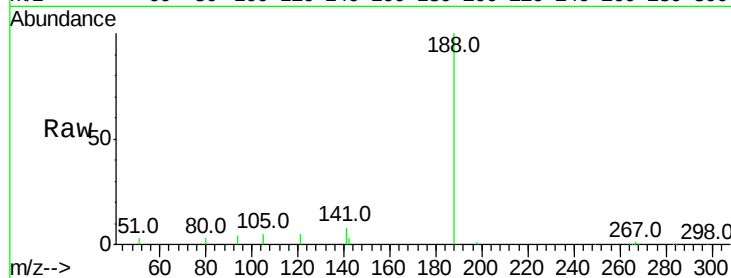




#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM004467.D
Acq: 29 Feb 2016 02:21

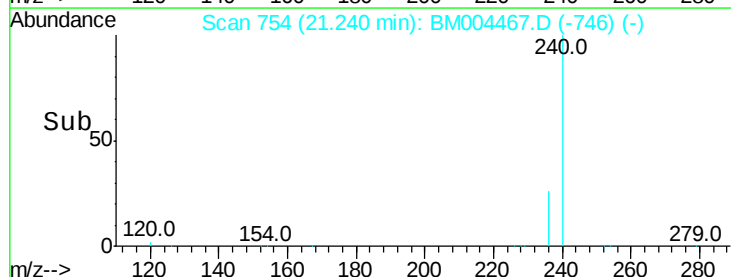
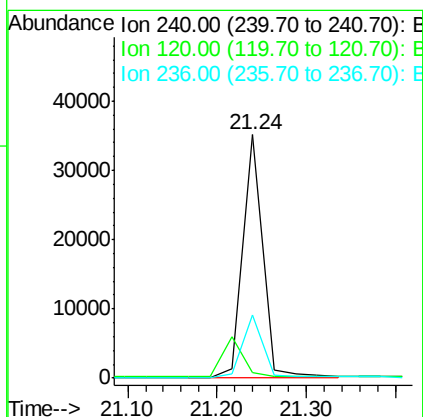
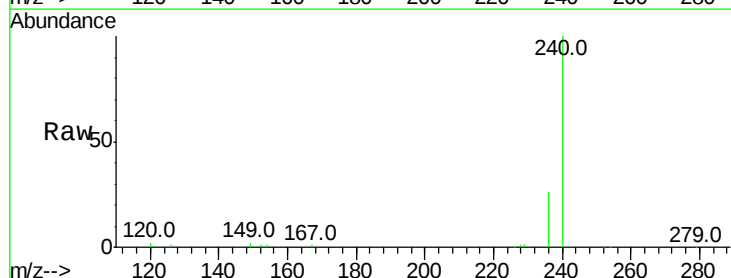
Instrument :
BNA_M
ClientSampleId :
MW-1-FD

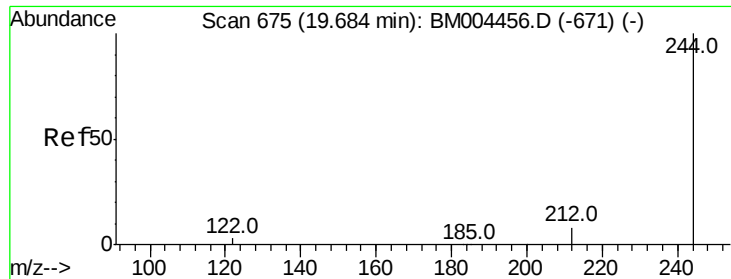
Tot Ion:188 Resp: 37671
Ion Ratio Lower Upper
188 100
94 4.5 2.7 4.1#
80 3.5 2.2 3.4#



#19
Chrysene-d12
Concen: 5.00 ng
RT: 21.24 min Scan# 754
Delta R.T. -0.00 min
Lab File: BM004467.D
Acq: 29 Feb 2016 02:21

Tgt Ion:240 Resp: 54759
Ion Ratio Lower Upper
240 100
120 2.2 4.0 6.0#
236 25.9 22.7 34.1





#22

Terphenyl-d14

Concen: 4.79 ng

RT: 19.67 min Scan# 674

Delta R.T. -0.02 min

Lab File: BM004467.D

Acq: 29 Feb 2016 02:21

Instrument :

BNA_M

ClientSampleId :

MW-1-FD

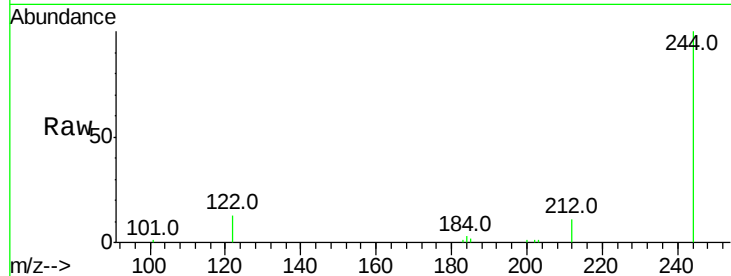
Tot Ion:244 Resp: 33423

Ion Ratio Lower Upper

244 100

212 11.3 7.4 11.2#

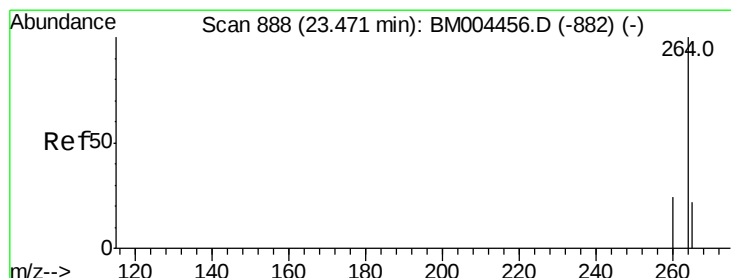
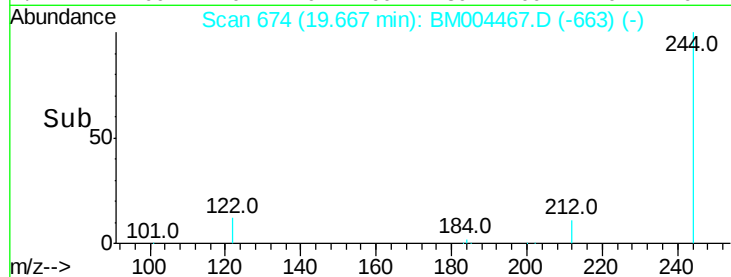
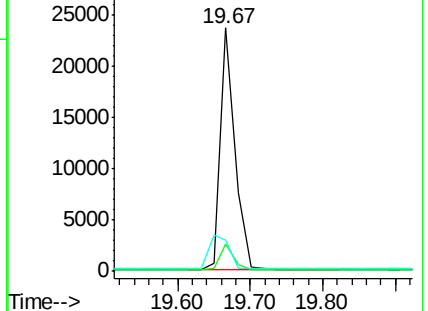
122 12.9 4.2 6.2#



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



#28

Perylene-d12

Concen: 5.00 ng

RT: 23.46 min Scan# 887

Delta R.T. -0.01 min

Lab File: BM004467.D

Acq: 29 Feb 2016 02:21

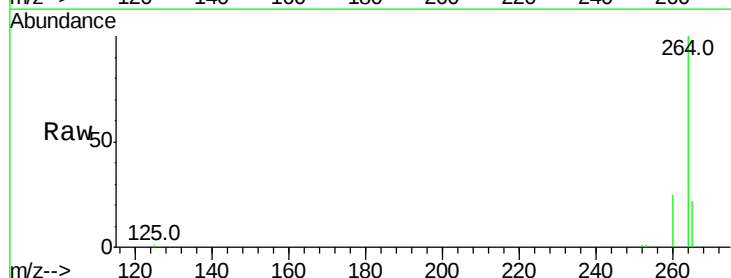
Tgt Ion:264 Resp: 44292

Ion Ratio Lower Upper

264 100

260 25.4 19.4 29.2

265 22.4 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

