

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
 Data File : BM004466.D
 Acq On : 29 Feb 2016 01:45
 Operator : SJ/UM
 Sample : H1509-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Quant Time: Feb 29 06:58:26 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

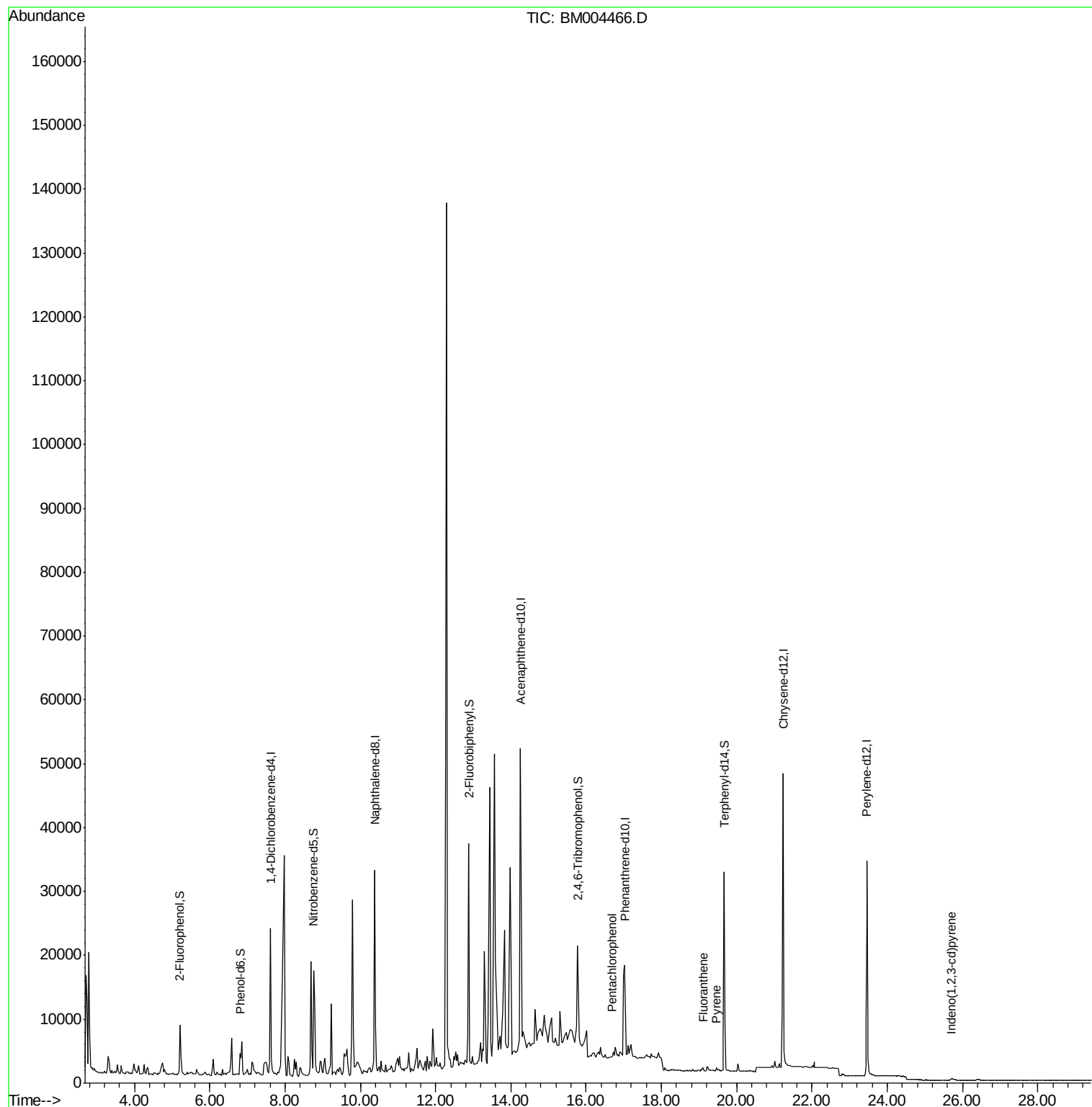
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	13862	5.00	ng	0.00
7) Naphthalene-d8	10.38	136	52085	5.00	ng	0.00
12) Acenaphthene-d10	14.25	164	37287	5.00	ng	0.00
15) Phenanthrene-d10	17.03	188	37611	5.00	ng	0.00
19) Chrysene-d12	21.24	240	56319	5.00	ng	0.00
28) Perylene-d12	23.46	264	45756	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	9196	3.02	ng	0.00
5) Phenol-d6	6.83	99	5926	1.71	ng	0.00
8) Nitrobenzene-d5	8.76	82	12591	4.37	ng	-0.02
13) 2,4,6-Tribromophenol	15.78	330	14760	7.74	ng	0.00
14) 2-Fluorobiphenyl	12.89	172	43113	3.79	ng	0.00
22) Terphenyl-d14	19.67	244	34479	4.81	ng	-0.02
Target Compounds						
17) Pentachlorophenol	16.69	266	371	0.69	ng	# 78
18) Fluoranthene	19.10	202	498	0.03	ng	# 81
21) Pyrene	19.46	202	600	0.04	ng	# 70
27) Indeno(1,2,3-cd)pyrene	25.71	276	333	0.02	ng	95

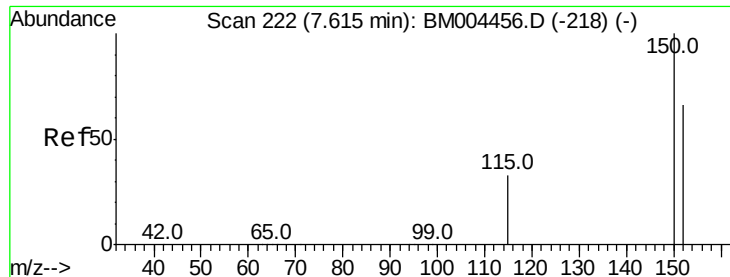
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022816\
Data File : BM004466.D
Acq On : 29 Feb 2016 01:45
Operator : SJ/UM
Sample : H1509-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-1

Quant Time: Feb 29 06:58:26 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



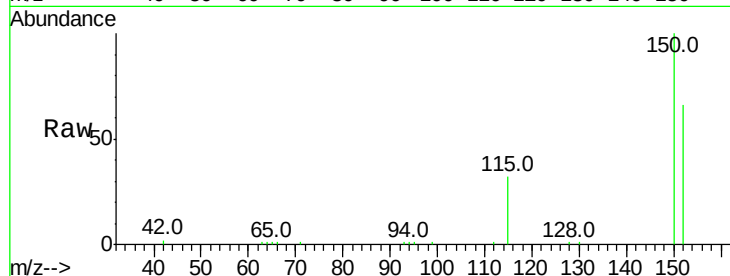


#1

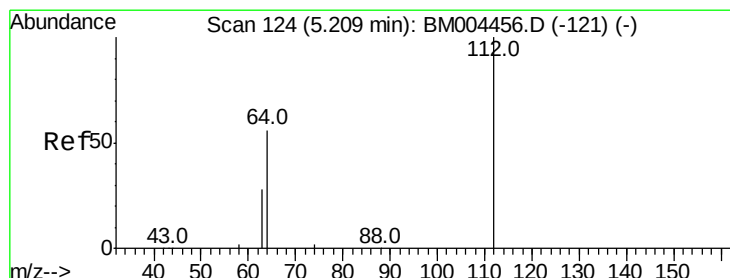
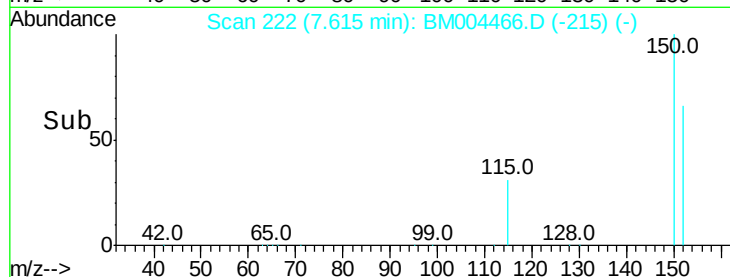
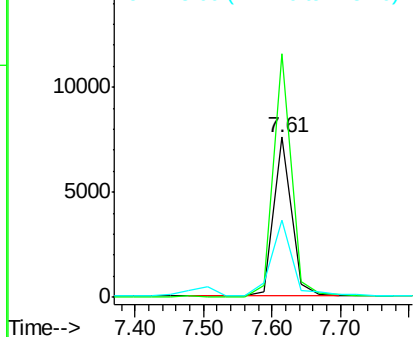
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.61 min Scan# 222
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Instrument :
BNA_M
ClientSampleId :
MW-1

Tot Ion:152 Resp: 13862
Ion Ratio Lower Upper
152 100
150 152.1 123.9 185.9
115 47.9 40.6 61.0



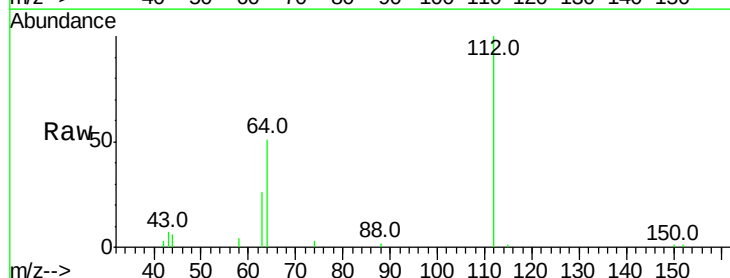
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



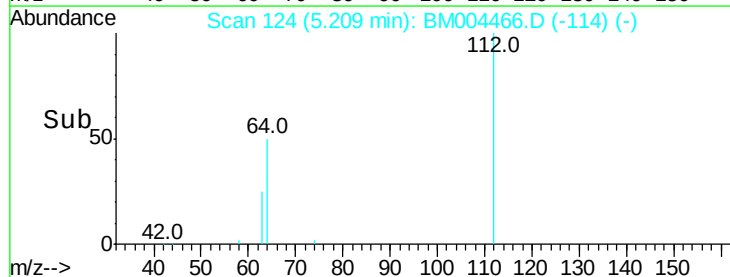
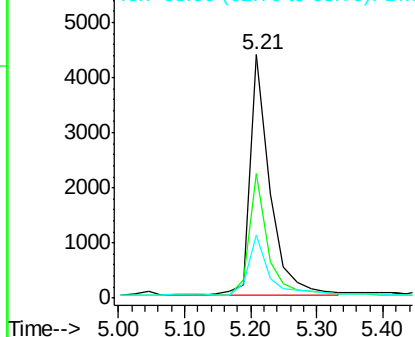
#4

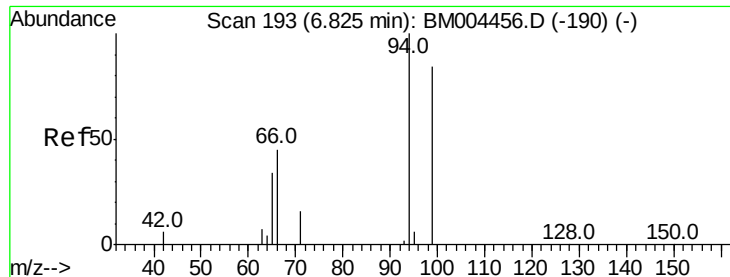
2-Fluorophenol
Concen: 3.02 ng
RT: 5.21 min Scan# 124
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:112 Resp: 9196
Ion Ratio Lower Upper
112 100
64 47.2 39.4 59.2
63 25.7 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: 1.71 ng

RT: 6.83 min Scan# 193

Delta R.T. -0.00 min

Lab File: BM004466.D

Acq: 29 Feb 2016 01:45

Instrument :

BNA_M

ClientSampleId :

MW-1

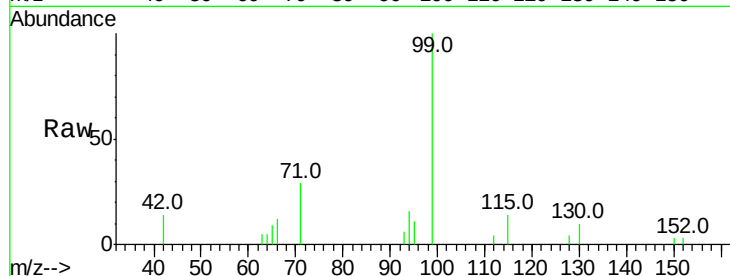
Tot Ion: 99 Resp: 5926

Ion Ratio Lower Upper

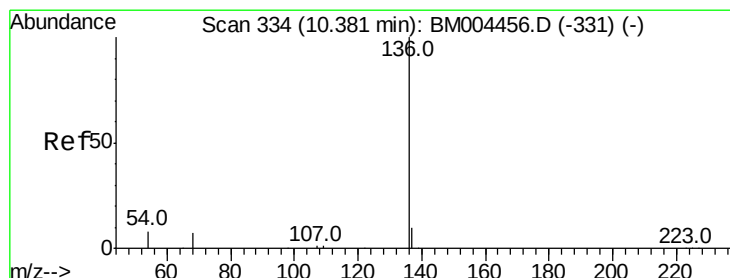
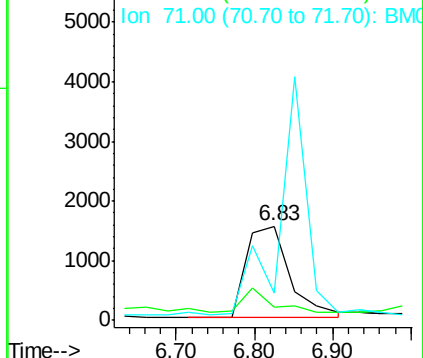
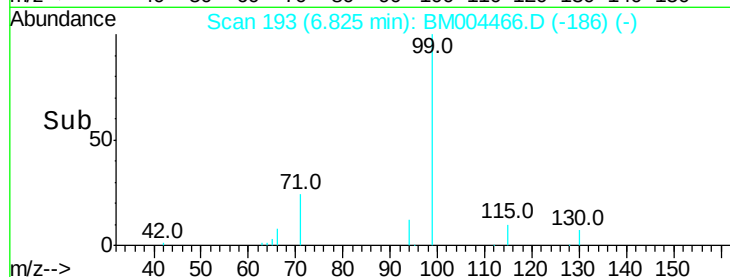
99 100

42 0.0 0.0 0.0

71 0.0 0.0 0.0



Abundance Ion 99.00 (98.70 to 99.70): BM004466.D (-186) (-)



#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.38 min Scan# 334

Delta R.T. -0.00 min

Lab File: BM004466.D

Acq: 29 Feb 2016 01:45

Tgt Ion: 136 Resp: 52085

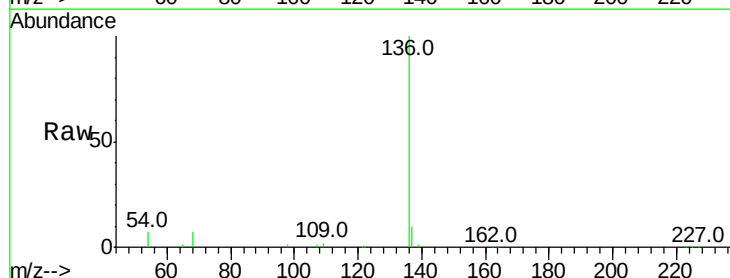
Ion Ratio Lower Upper

136 100

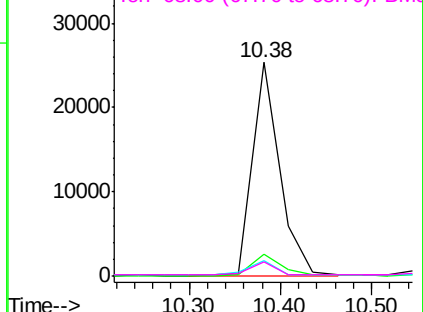
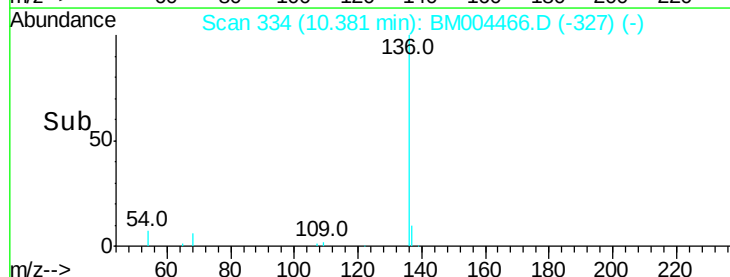
137 10.2 8.0 12.0

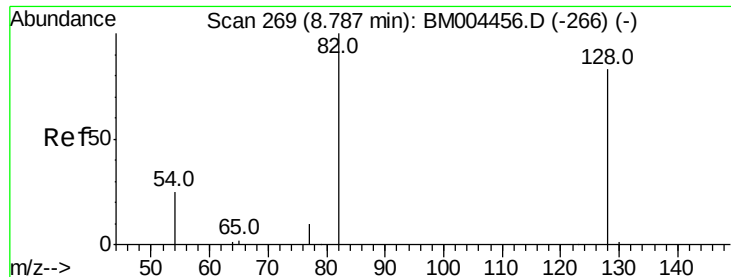
54 7.4 7.0 10.6

68 6.6 5.8 8.6



Abundance Ion 136.00 (135.70 to 136.70): BM004466.D (-327) (-)





#8

Nitrobenzene-d5

Concen: 4.37 ng

RT: 8.76 min Scan# 268

Delta R.T. -0.02 min

Lab File: BM004466.D

Acq: 29 Feb 2016 01:45

Instrument :

BNA_M

ClientSampleId :

MW-1

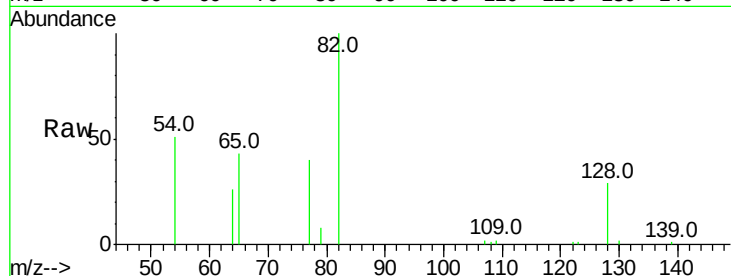
Tot Ion: 82 Resp: 12591

Ion Ratio Lower Upper

82 100

128 29.2 67.0 100.6#

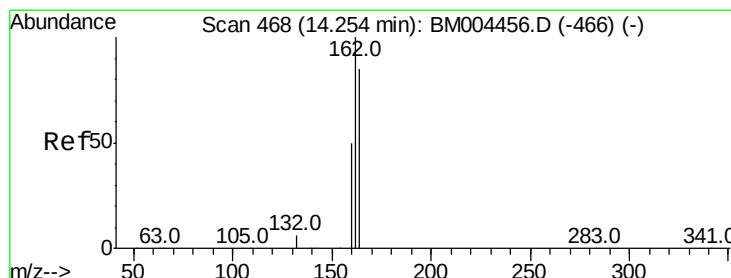
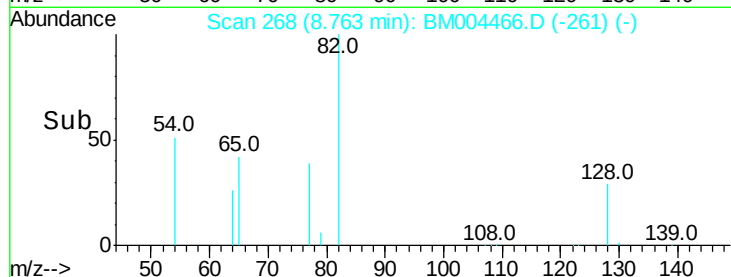
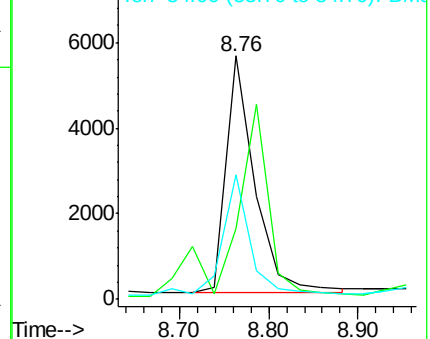
54 51.2 25.2 37.8#



Abundance Ion 82.00 (81.70 to 82.70): BM004466.D (-266) (-)

Ion 128.00 (127.70 to 128.70): BM004466.D (-266) (-)

Ion 54.00 (53.70 to 54.70): BM004466.D (-266) (-)



#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.25 min Scan# 468

Delta R.T. -0.00 min

Lab File: BM004466.D

Acq: 29 Feb 2016 01:45

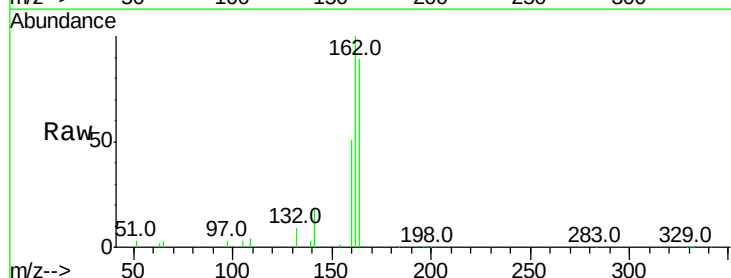
Tgt Ion: 164 Resp: 37287

Ion Ratio Lower Upper

164 100

162 112.2 94.6 141.8

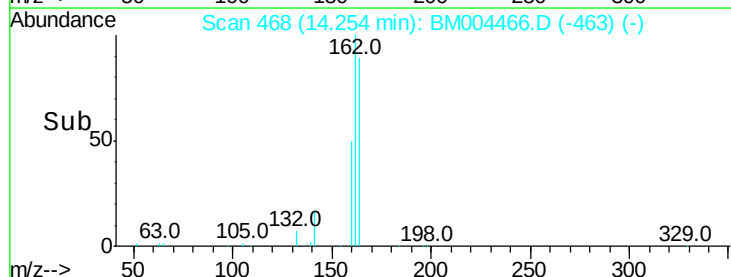
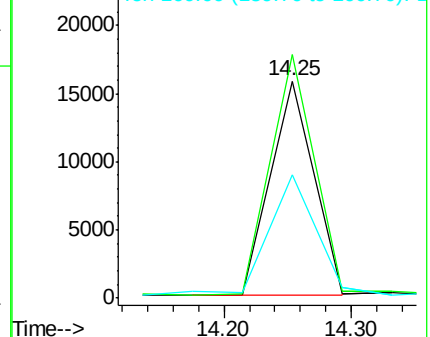
160 57.1 47.0 70.4

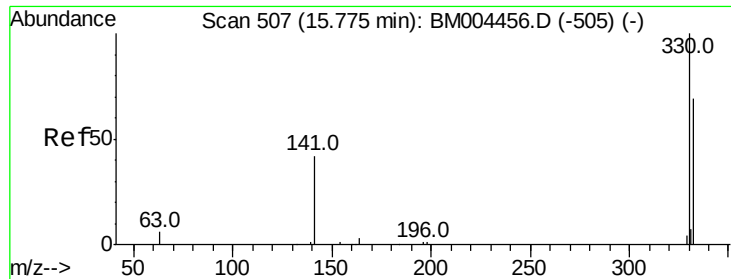


Abundance Ion 164.00 (163.70 to 164.70): BM004466.D (-466) (-)

Ion 162.00 (161.70 to 162.70): BM004466.D (-466) (-)

Ion 160.00 (159.70 to 160.70): BM004466.D (-466) (-)

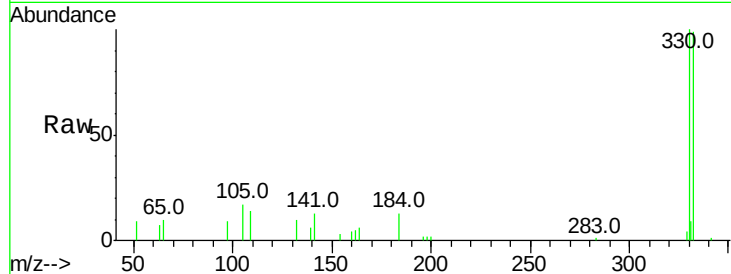




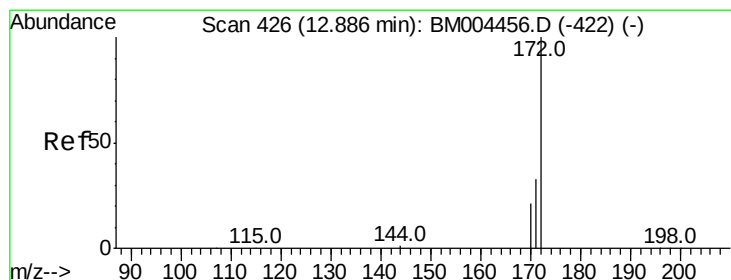
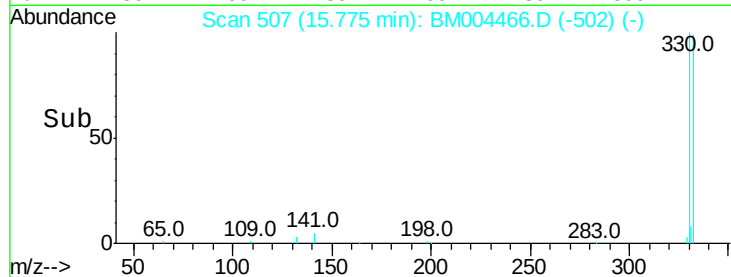
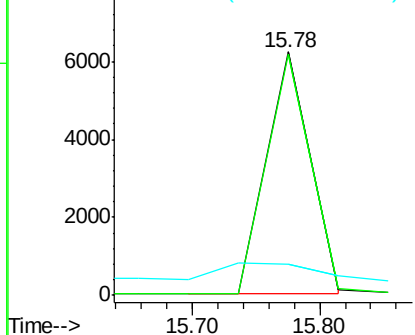
#13
 2,4,6-Tribromophenol
 Concen: 7.74 ng
 RT: 15.78 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BM004466.D
 Acq: 29 Feb 2016 01:45

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Tot Ion:330 Resp: 14760
 Ion Ratio Lower Upper
 330 100
 332 99.1 59.2 88.8#
 141 0.0 33.0 49.4#

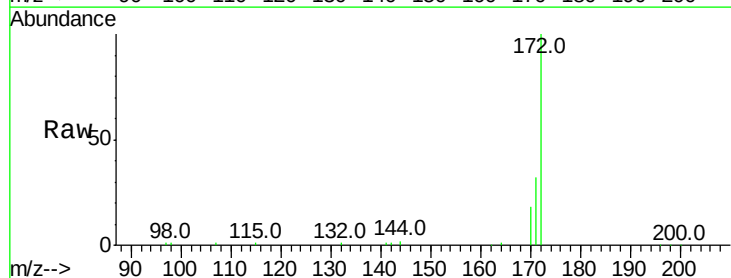


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

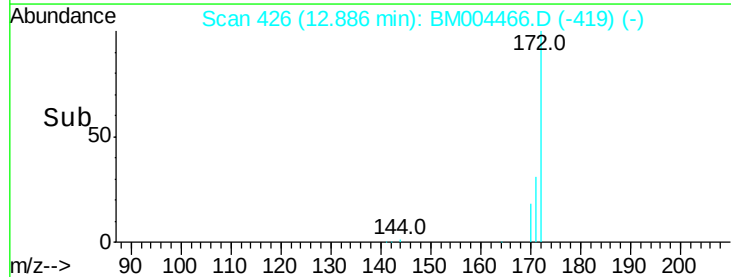
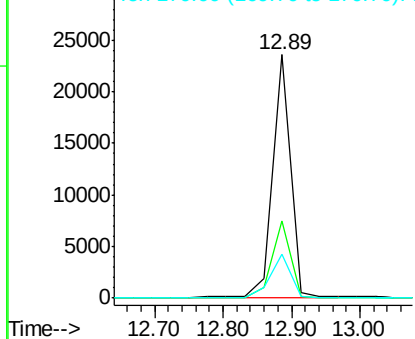


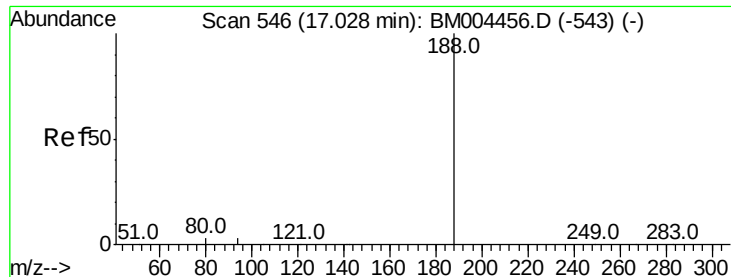
#14
 2-Fluorobiphenyl
 Concen: 3.79 ng
 RT: 12.89 min Scan# 426
 Delta R.T. -0.00 min
 Lab File: BM004466.D
 Acq: 29 Feb 2016 01:45

Tgt Ion:172 Resp: 43113
 Ion Ratio Lower Upper
 172 100
 171 31.5 27.2 40.8
 170 18.2 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

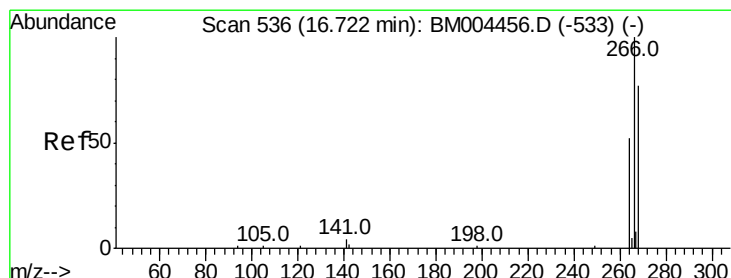
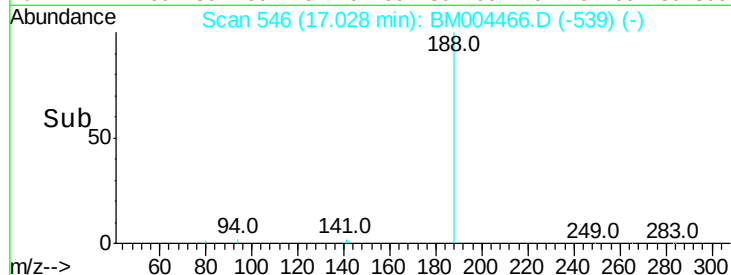
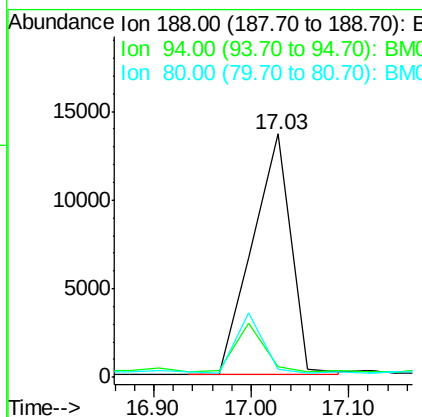
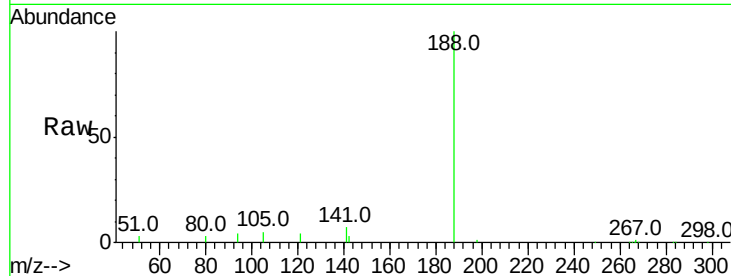




#15
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.03 min Scan# 546
Delta R.T. -0.00 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

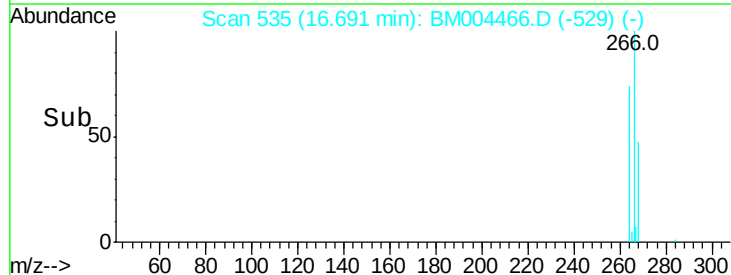
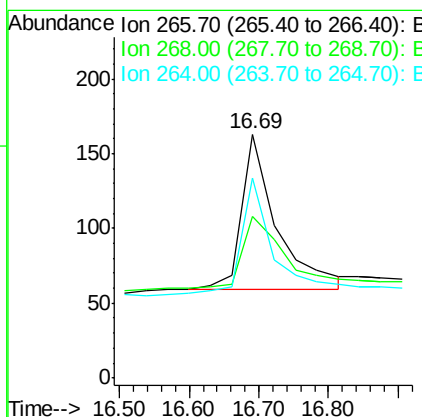
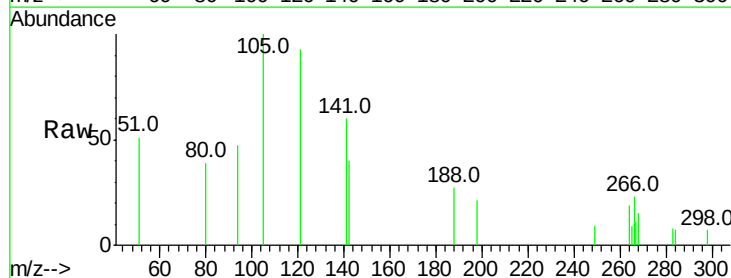
Instrument :
BNA_M
ClientSampleId :
MW-1

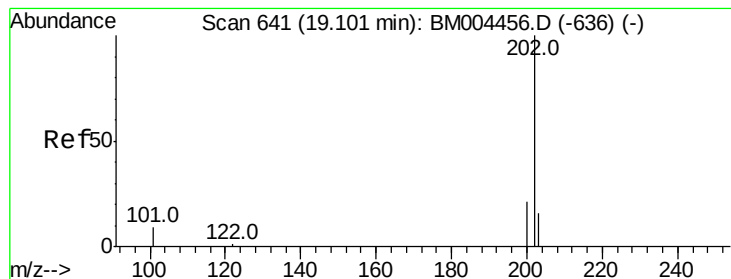
Tot Ion:188 Resp: 37611
Ion Ratio Lower Upper
188 100
94 4.4 2.7 4.1#
80 3.4 2.2 3.4#



#17
Pentachlorophenol
Concen: 0.69 ng
RT: 16.69 min Scan# 535
Delta R.T. -0.03 min
Lab File: BM004466.D
Acq: 29 Feb 2016 01:45

Tgt Ion:266 Resp: 371
Ion Ratio Lower Upper
266 100
268 66.3 66.8 100.2#
264 82.2 49.4 74.0#





#18

Fluoranthene

Concen: 0.03 ng

RT: 19.10 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM004466.D

Acq: 29 Feb 2016 01:45

Instrument :

BNA_M

ClientSampleId :

MW-1

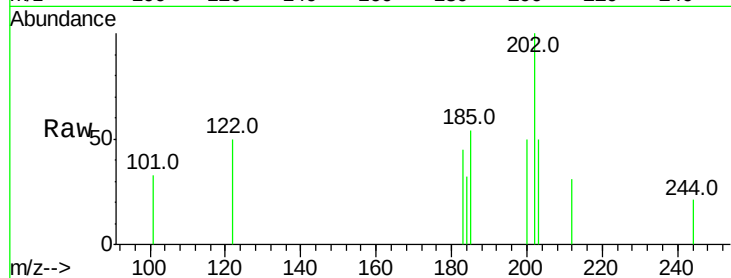
Tot Ion:202 Resp: 498

Ion Ratio Lower Upper

202 100

101 24.7 9.4 14.0#

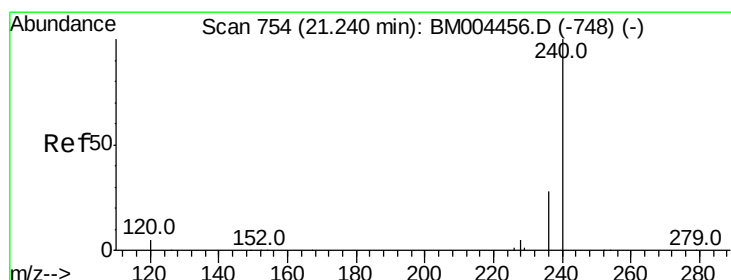
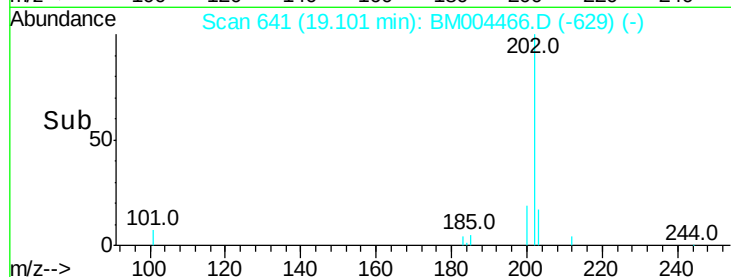
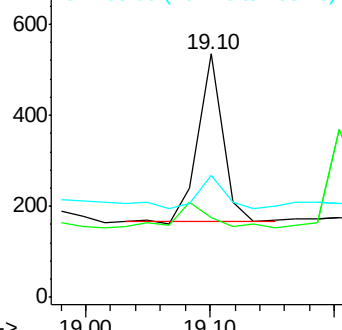
203 21.5 13.9 20.9#



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: BM004466.D

Acq: 29 Feb 2016 01:45

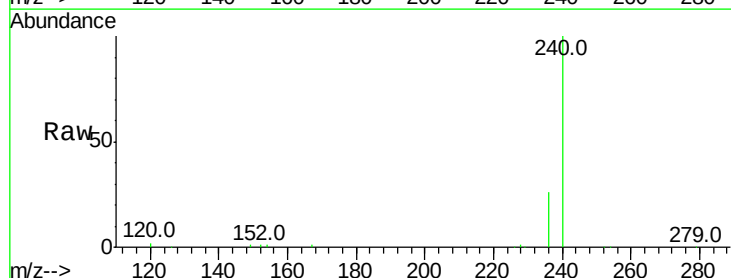
Tgt Ion:240 Resp: 56319

Ion Ratio Lower Upper

240 100

120 2.2 4.0 6.0#

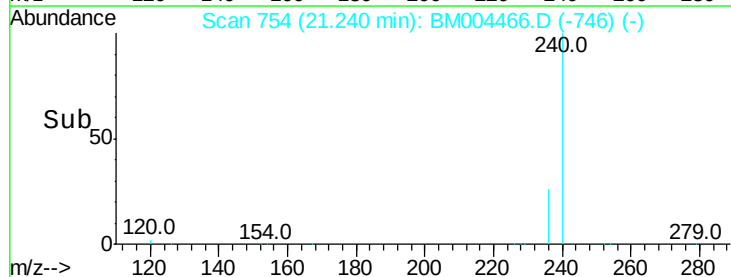
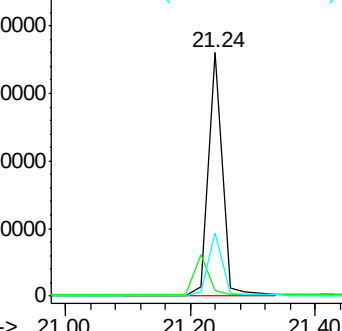
236 25.9 22.7 34.1

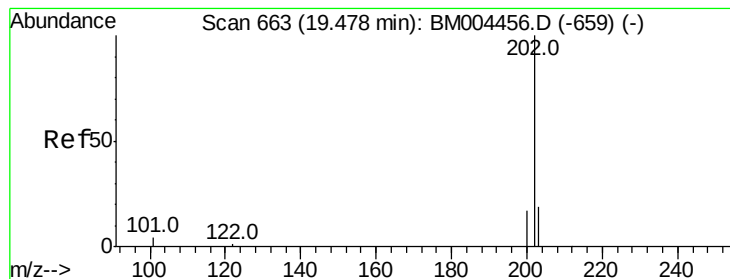


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#21

Pvrene

Concen: 0.04 ng

RT: 19.46 min Scan# 662

Delta R.T. -0.02 min

Lab File: BM004466.D

Acq: 29 Feb 2016 01:45

Instrument :

BNA_M

ClientSampleId :

MW-1

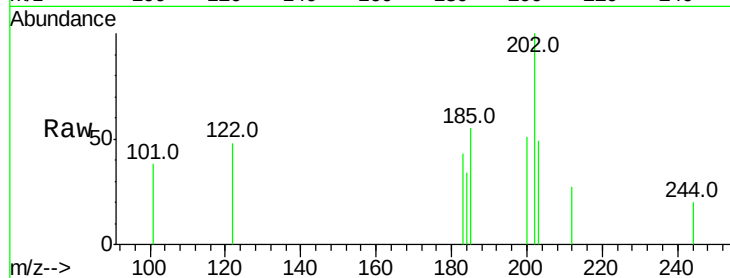
Tot Ion:202 Resp: 600

Ion Ratio Lower Upper

202 100

200 31.8 16.6 24.8#

203 33.3 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

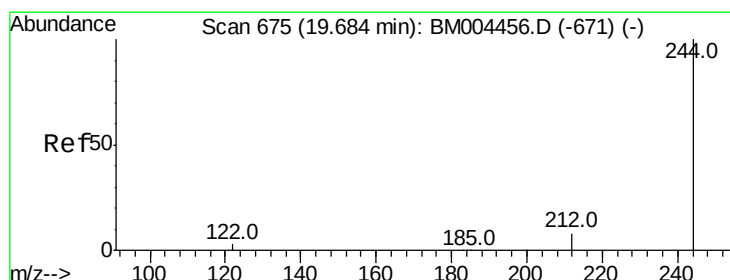
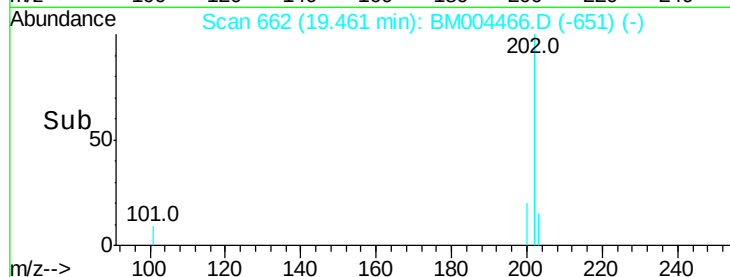
19.46

400

200

0

Time-->



#22

Terphenyl-d14

Concen: 4.81 ng

RT: 19.67 min Scan# 674

Delta R.T. -0.02 min

Lab File: BM004466.D

Acq: 29 Feb 2016 01:45

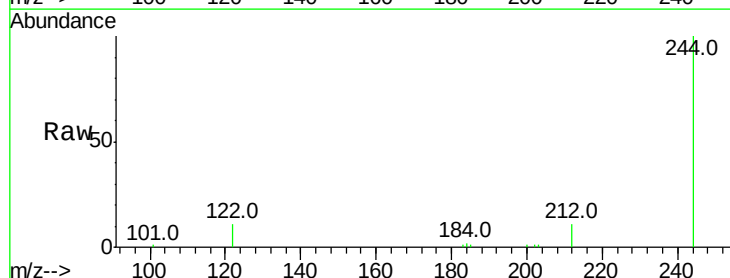
Tgt Ion:244 Resp: 34479

Ion Ratio Lower Upper

244 100

212 10.9 7.4 11.2

122 11.3 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

19.67

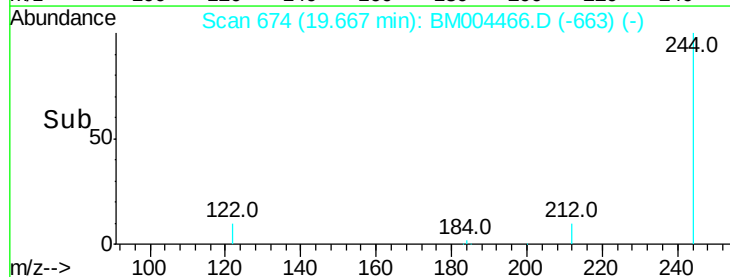
30000

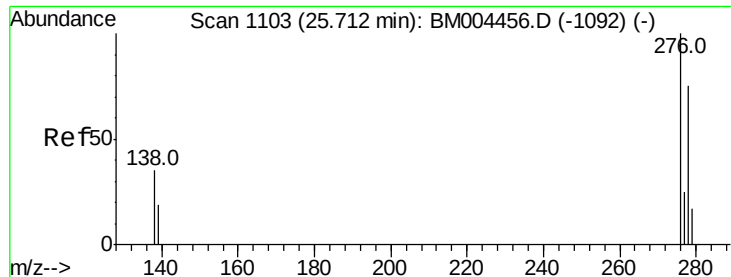
20000

10000

0

Time-->

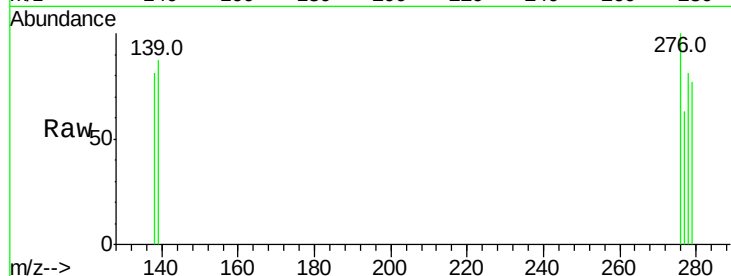




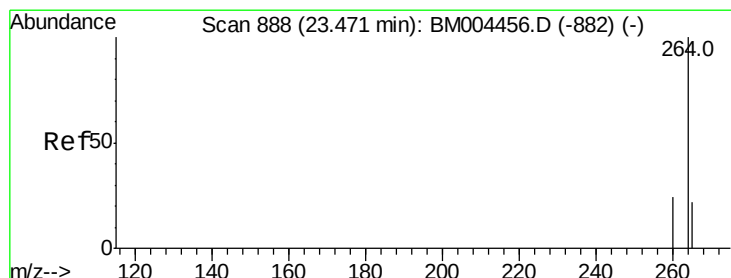
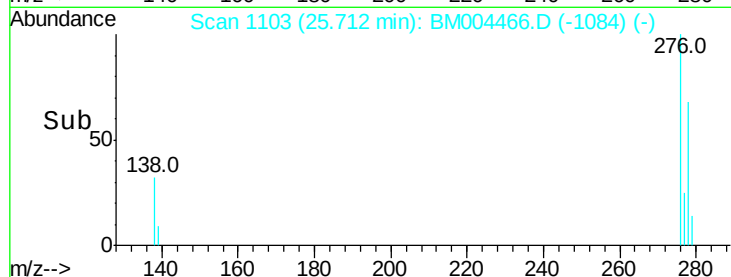
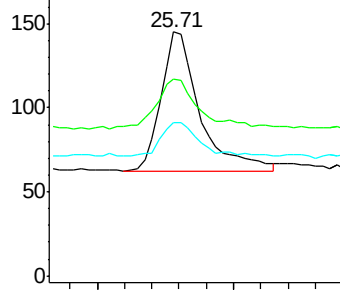
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.02 ng
 RT: 25.71 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BM004466.D
 Acq: 29 Feb 2016 01:45

Instrument :
 BNA_M
 ClientSampleId :
 MW-1

Tot Ion:276 Resp: 333
 Ion Ratio Lower Upper
 276 100
 138 41.4 30.0 45.0
 277 23.7 19.8 29.8

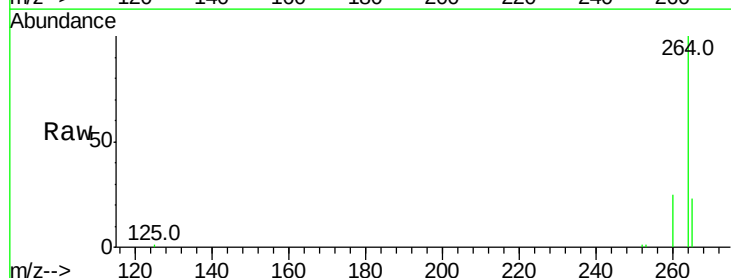


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



#28
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.46 min Scan# 887
 Delta R.T. -0.01 min
 Lab File: BM004466.D
 Acq: 29 Feb 2016 01:45

Tgt Ion:264 Resp: 45756
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 22.7 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

