

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009497.D
 Acq On : 03 Apr 2017 13:12
 Operator : SJ/MA
 Sample : I2475-06DL 20X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW24S-GWDL

Quant Time: Apr 04 01:19:34 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

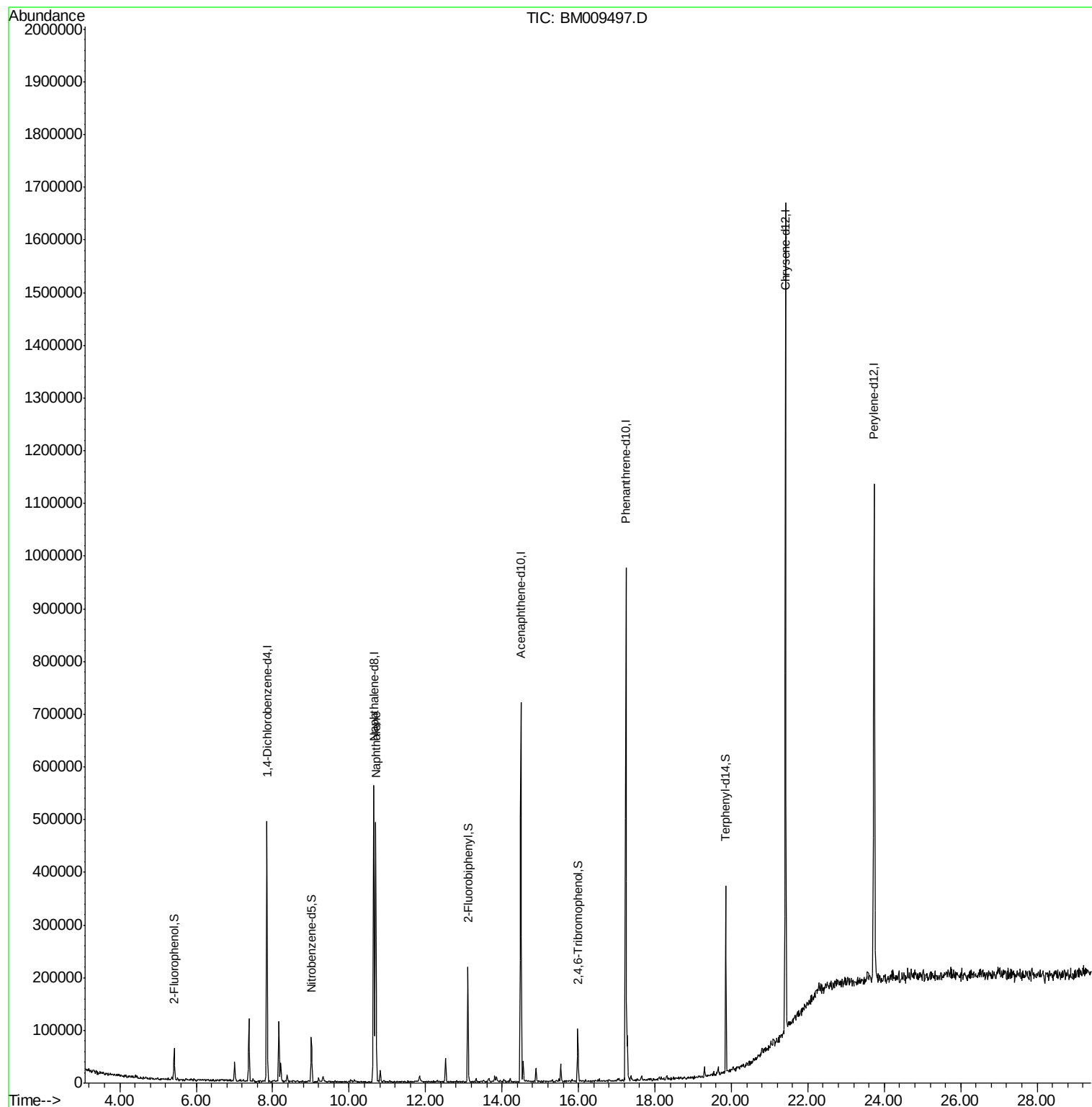
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	110141	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	396343	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	218914	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	520123	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	717156	20.00	ng	-0.01
86) Perylene-d12	23.74	264	704353	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	20970	3.17	ng	-0.01
7) Phenol-d6	7.00	99	17578	1.95	ng	-0.02
23) Nitrobenzene-d5	9.01	82	49032	4.64	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	15647	5.75	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	100753	5.55	ng	-0.02
78) Terphenyl-d14	19.86	244	144535	4.21	ng	-0.01
Target Compounds						
31) Naphthalene	10.69	128	351147	16.69	ng	Qvalue 98

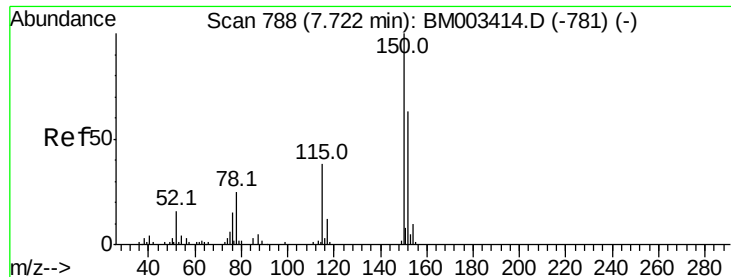
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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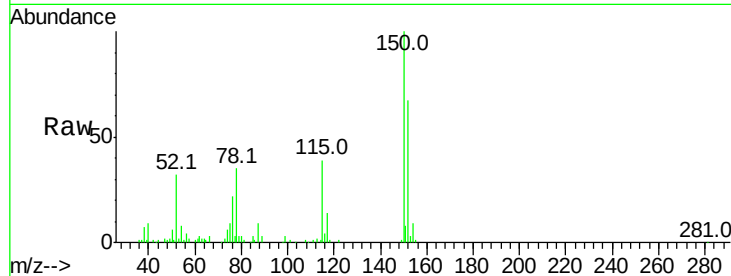


#1

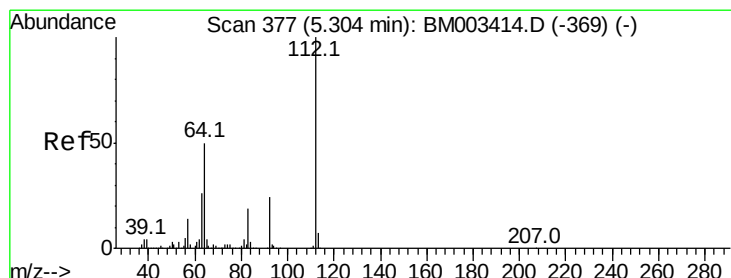
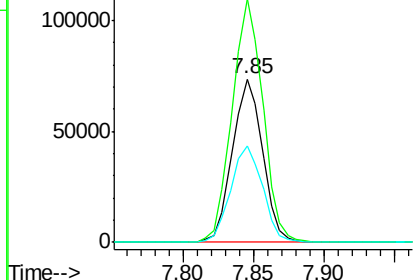
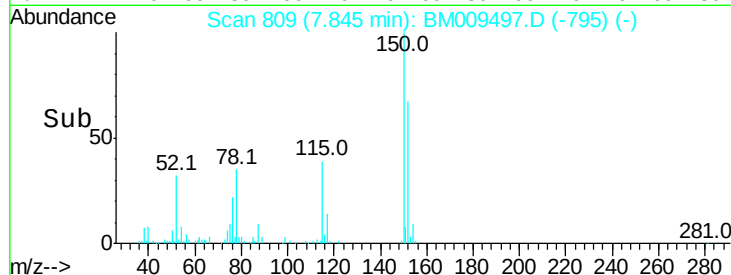
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009497.D
Acq: 03 Apr 2017 13:12

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GWDL

Tot Ion:152 Resp: 110141
Ion Ratio Lower Upper
152 100
150 149.4 119.5 179.3
115 58.8 43.0 64.4



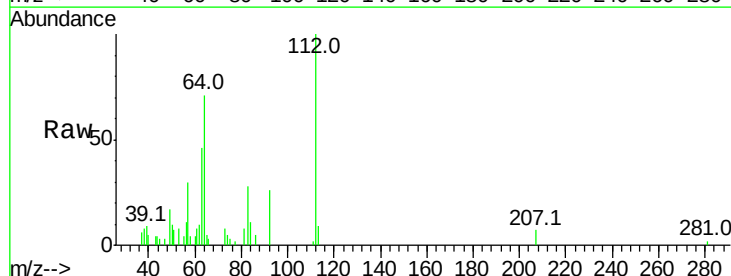
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



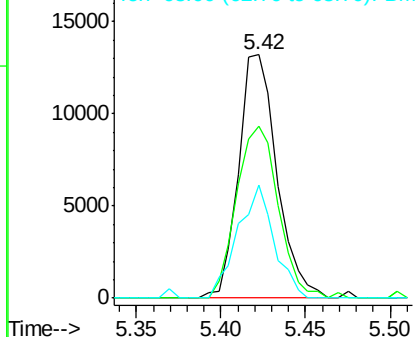
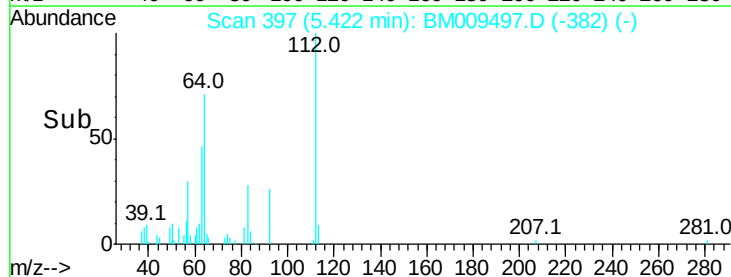
#5

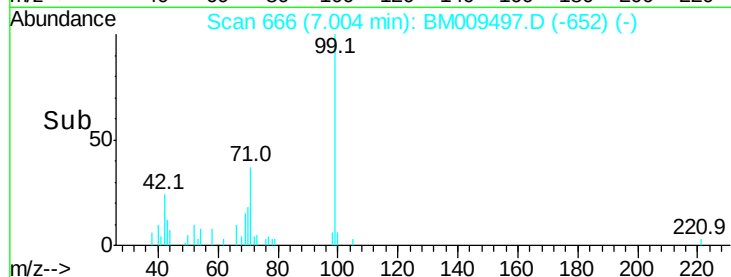
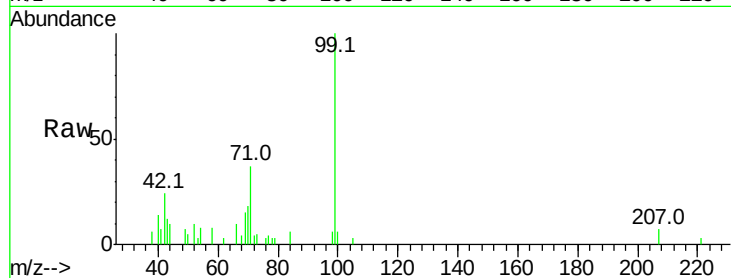
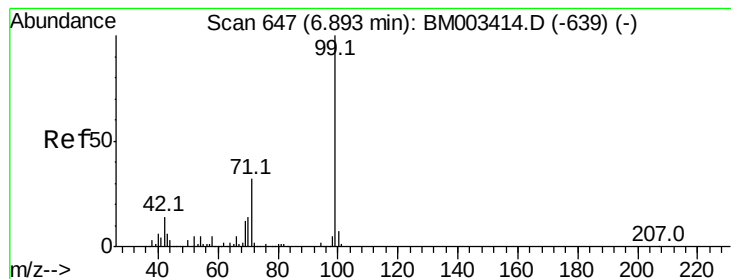
2-Fluorophenol
Concen: 3.17 ng
RT: 5.42 min Scan# 397
Delta R.T. -0.01 min
Lab File: BM009497.D
Acq: 03 Apr 2017 13:12

Tgt Ion:112 Resp: 20970
Ion Ratio Lower Upper
112 100
64 70.6 38.6 57.8#
63 46.5 19.3 28.9#



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





#7

Phenol-d6

Concen: 1.95 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009497.D

Acq: 03 Apr 2017 13:12

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW24S-GWDL

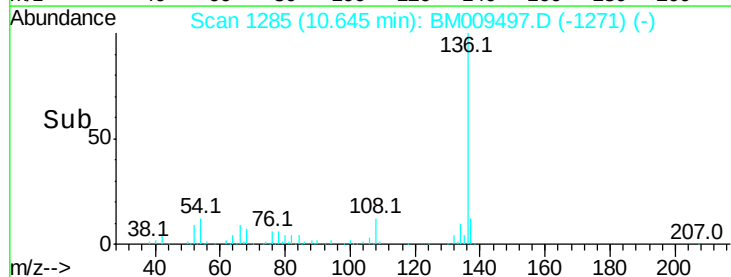
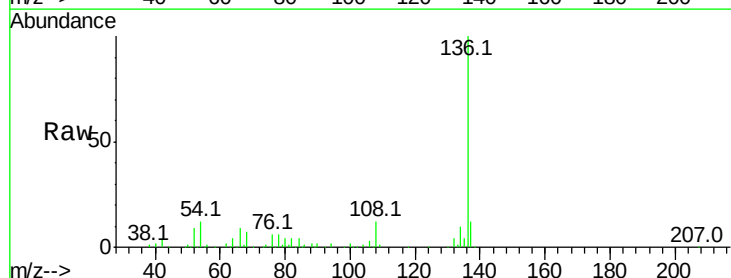
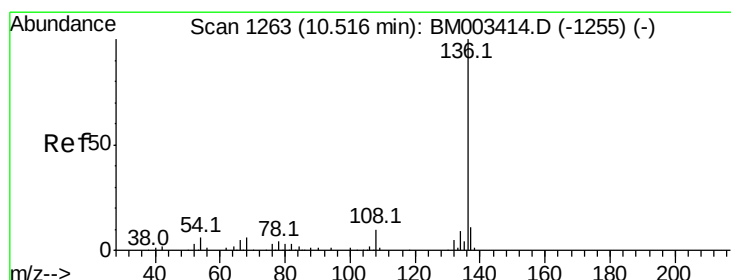
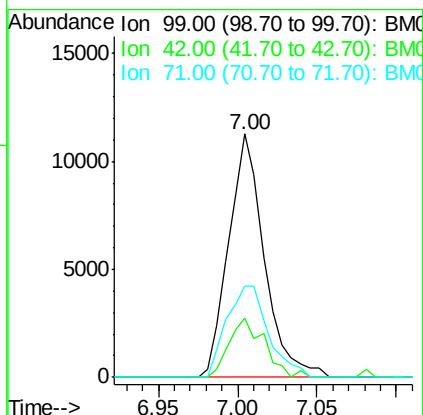
Tot Ion: 99 Resp: 17578

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

71 37.3 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009497.D

Acq: 03 Apr 2017 13:12

Tgt Ion: 136 Resp: 396343

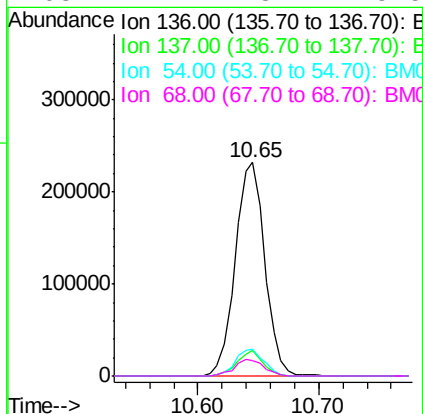
Ion Ratio Lower Upper

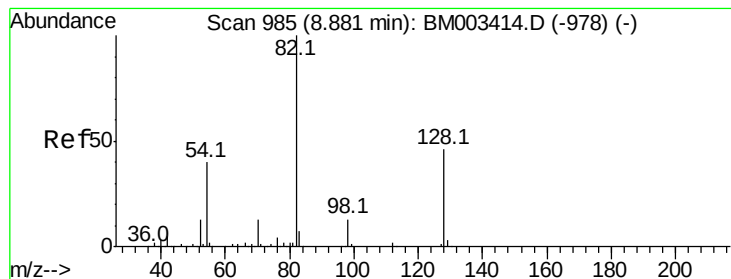
136 100

137 11.9 8.7 13.1

54 12.5 4.6 6.8#

68 7.2 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 4.64 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009497.D

Acq: 03 Apr 2017 13:12

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW24S-GWDL

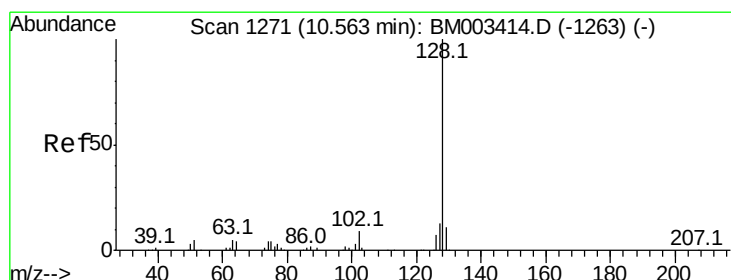
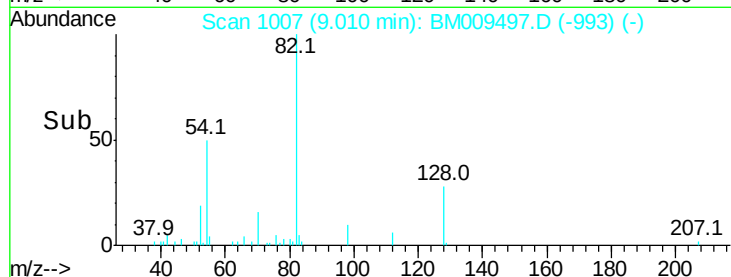
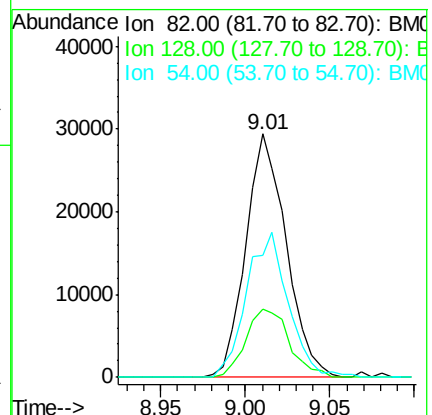
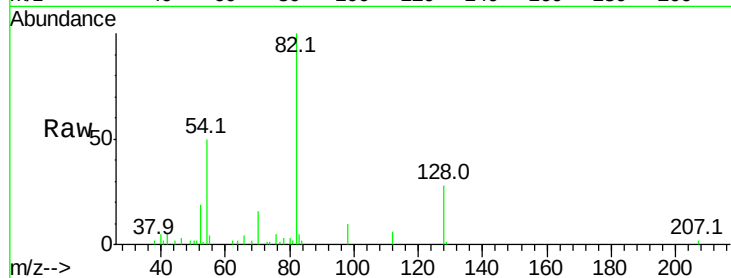
Tot Ion: 82 Resp: 49032

Ion Ratio Lower Upper

82 100

128 28.2 32.8 49.2#

54 50.0 40.6 60.8



#31

Naphthalene

Concen: 16.69 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009497.D

Acq: 03 Apr 2017 13:12

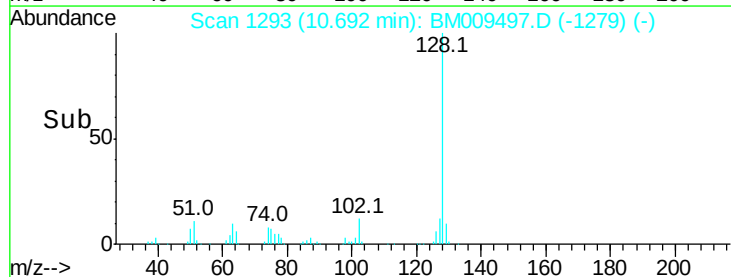
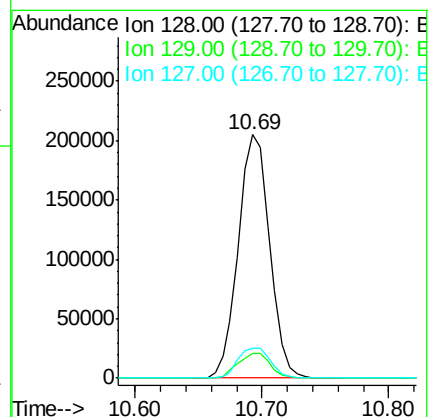
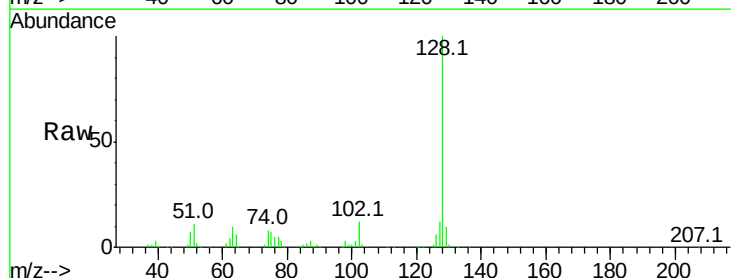
Tgt Ion: 128 Resp: 351147

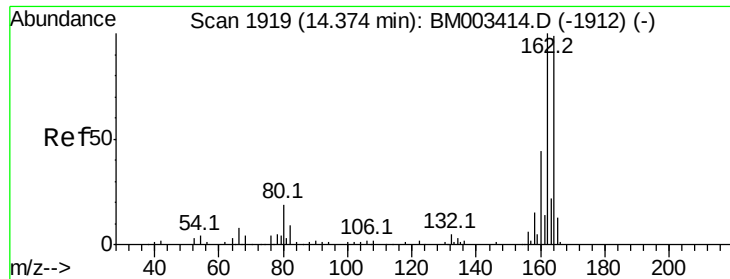
Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

127 12.2 10.4 15.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009497.D

Acq: 03 Apr 2017 13:12

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW24S-GWDL

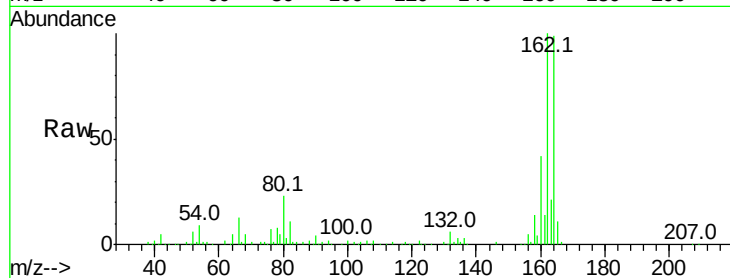
Tot Ion:164 Resp: 218914

Ion Ratio Lower Upper

164 100

162 101.0 82.4 123.6

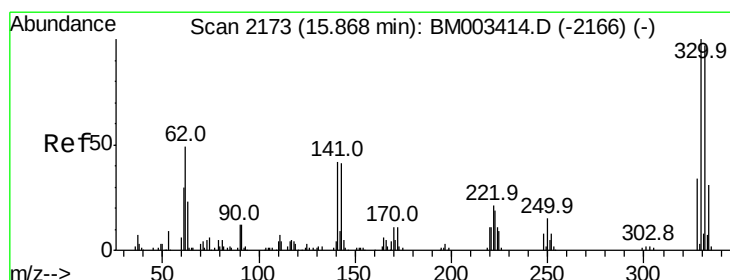
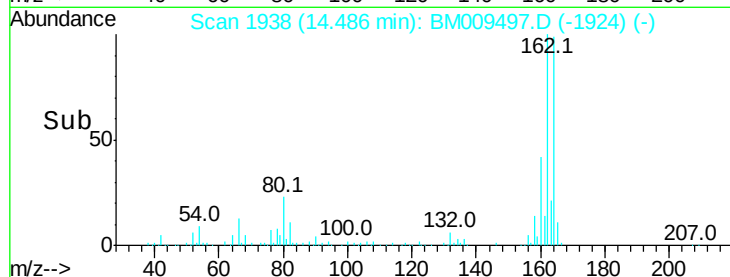
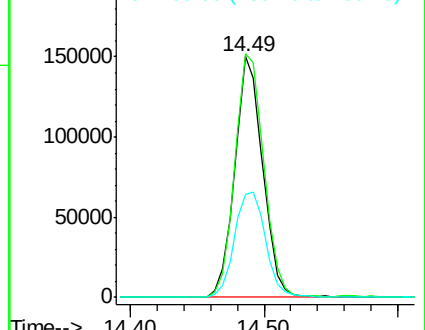
160 42.7 35.8 53.6



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



#41

2,4,6-Tribromophenol

Concen: 5.75 ng

RT: 15.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BM009497.D

Acq: 03 Apr 2017 13:12

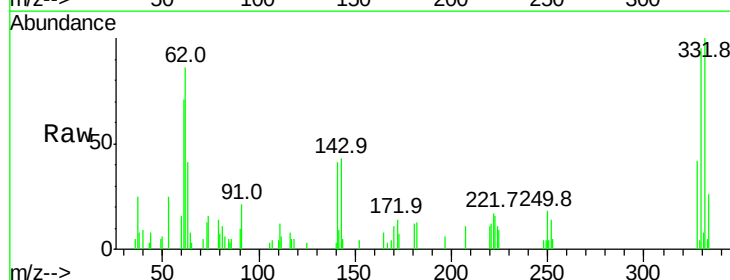
Tgt Ion:330 Resp: 15647

Ion Ratio Lower Upper

330 100

332 89.2 0.0 0.0#

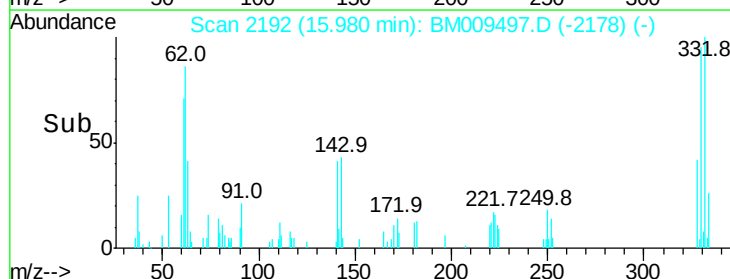
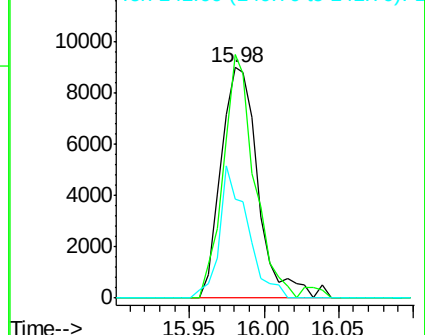
141 43.2 0.0 0.0#

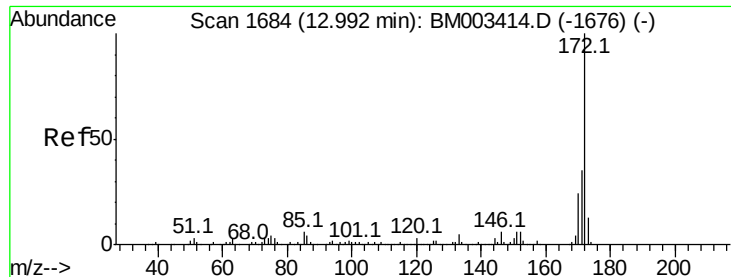


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 5.55 ng

RT: 13.10 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BM009497.D

Acq: 03 Apr 2017 13:12

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW24S-GWDL

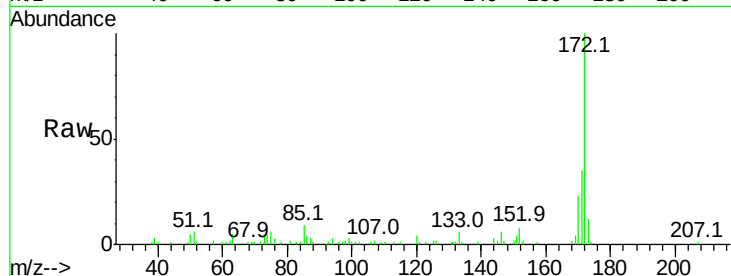
Tot Ion:172 Resp: 100753

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

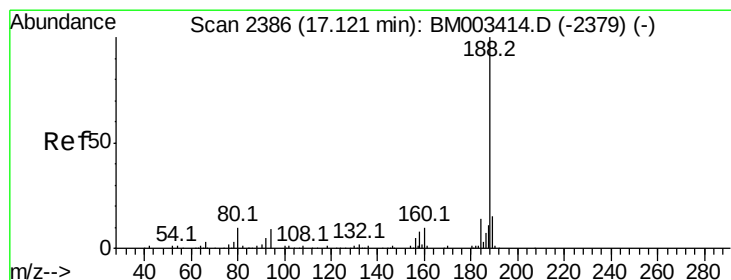
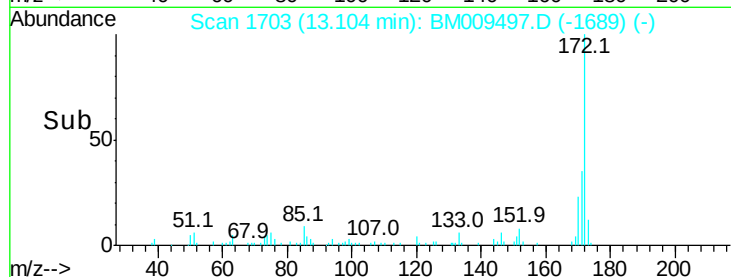
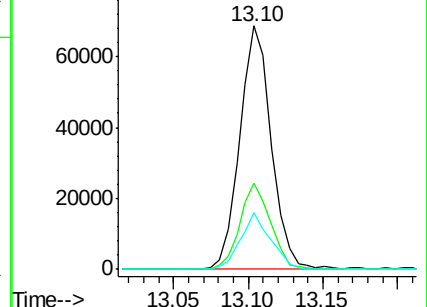
170 23.3 18.8 28.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009497.D

Acq: 03 Apr 2017 13:12

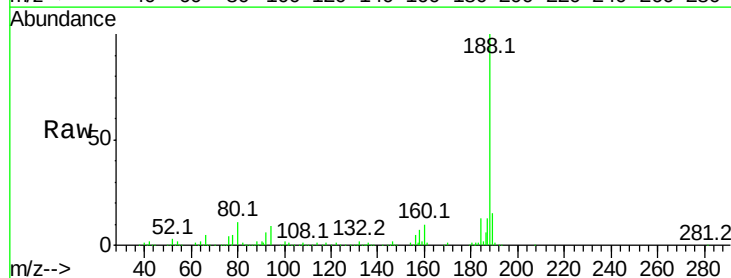
Tgt Ion:188 Resp: 520123

Ion Ratio Lower Upper

188 100

94 9.1 8.7 13.1

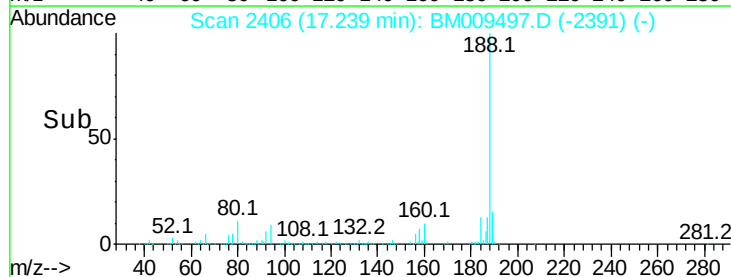
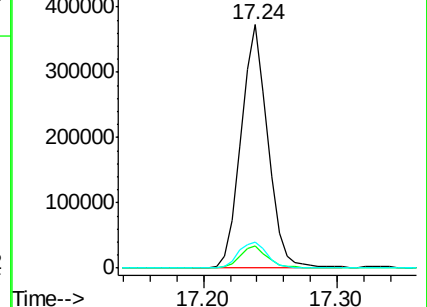
80 10.6 9.3 13.9

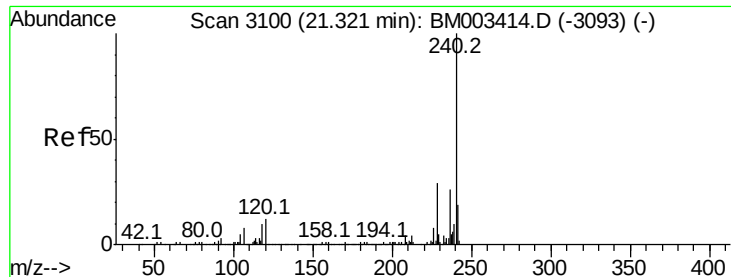


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009497.D

Acq: 03 Apr 2017 13:12

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW24S-GWDL

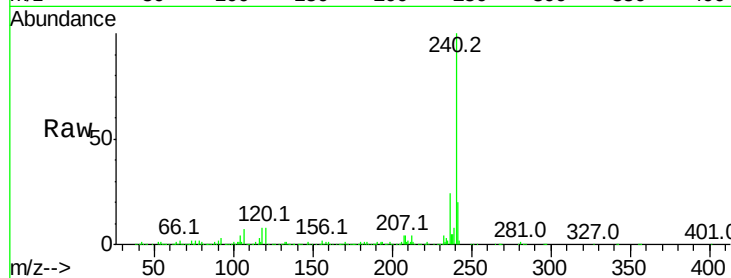
Tot Ion:240 Resp: 717156

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.2#

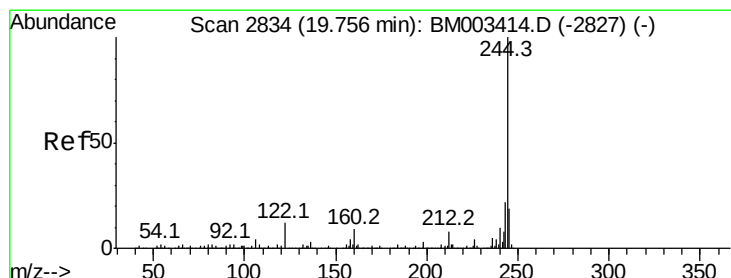
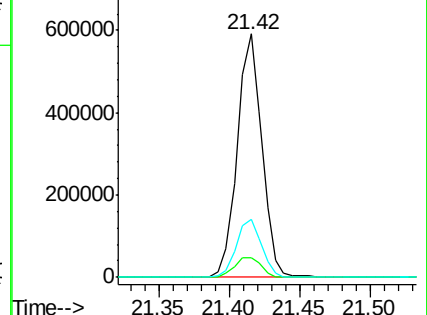
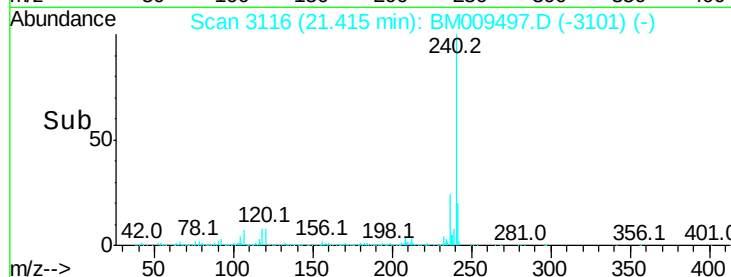
236 23.9 20.0 30.0



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



#78

Terphenyl-d14

Concen: 4.21 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009497.D

Acq: 03 Apr 2017 13:12

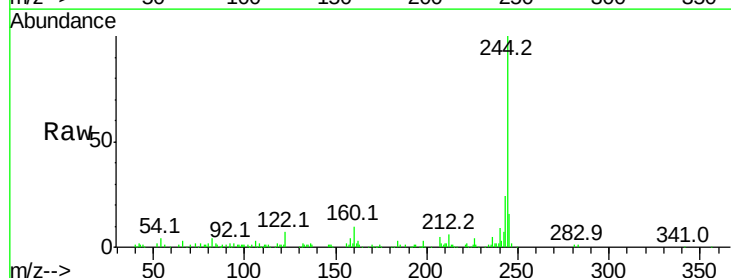
Tgt Ion:244 Resp: 144535

Ion Ratio Lower Upper

244 100

212 5.7 4.9 7.3

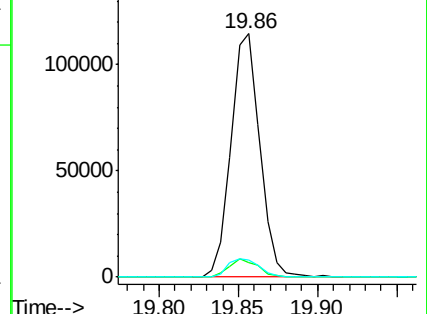
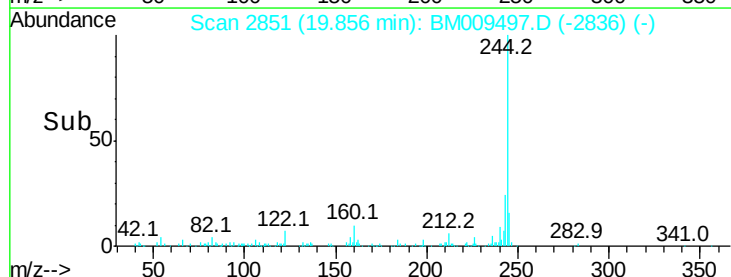
122 7.2 6.2 9.4

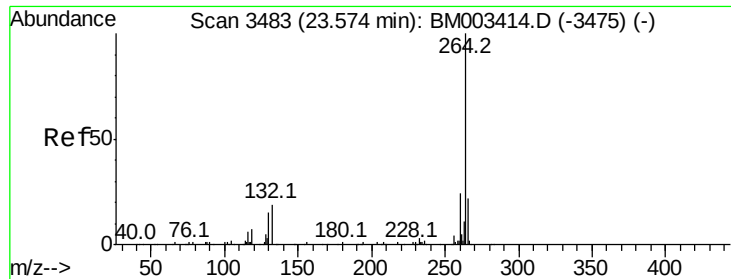


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009497.D
Acq: 03 Apr 2017 13:12

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GWDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.6	27.8
265	21.7	17.3	25.9

