

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

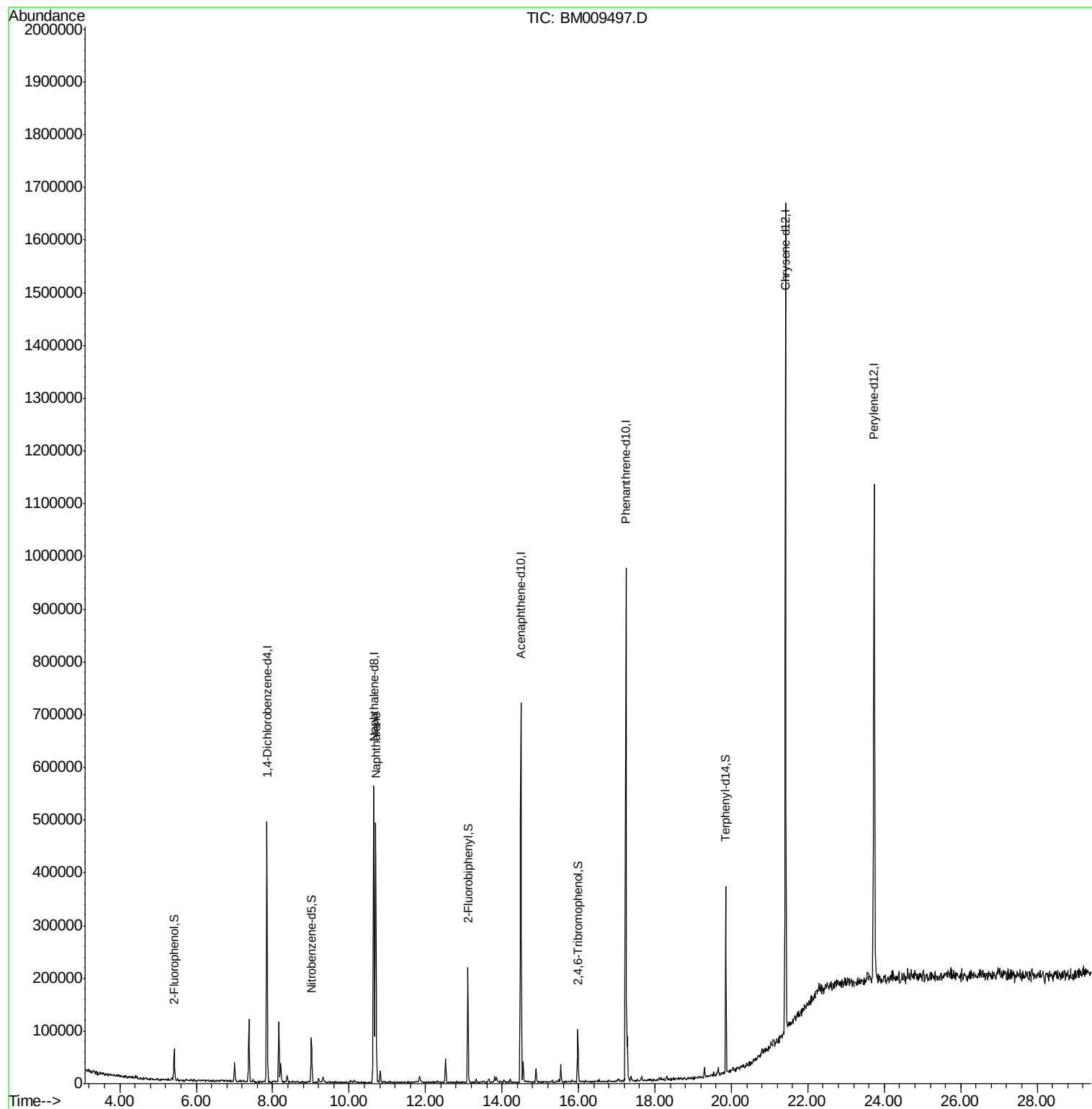
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	110141	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	396343	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	218914	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	520123	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	717156	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

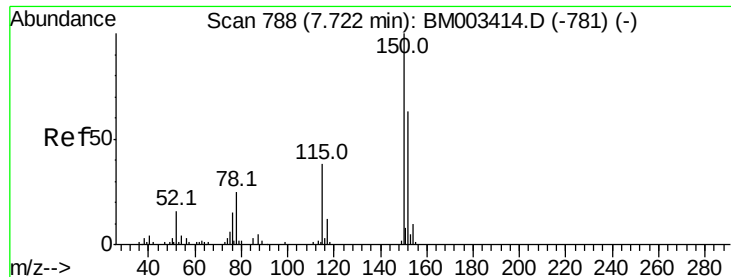
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

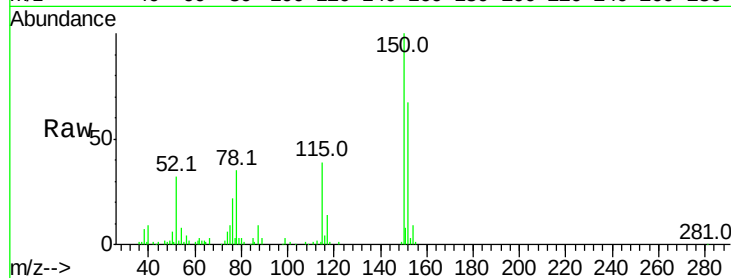
Tot Ion:152 Resp: 110141

Ion Ratio Lower Upper

152 100

150 149.4 119.5 179.3

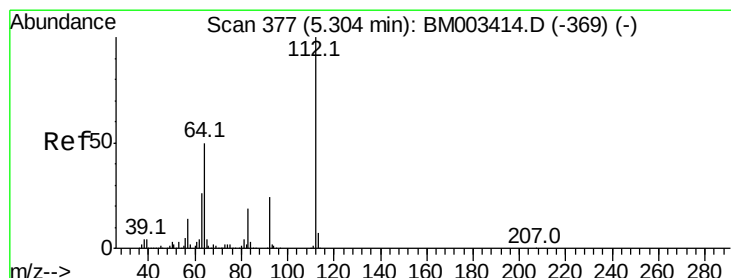
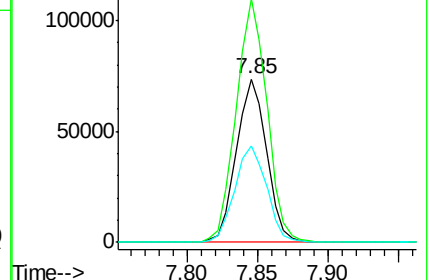
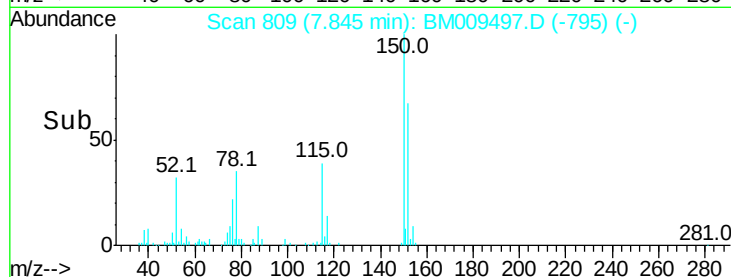
115 58.8 43.0 64.4



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

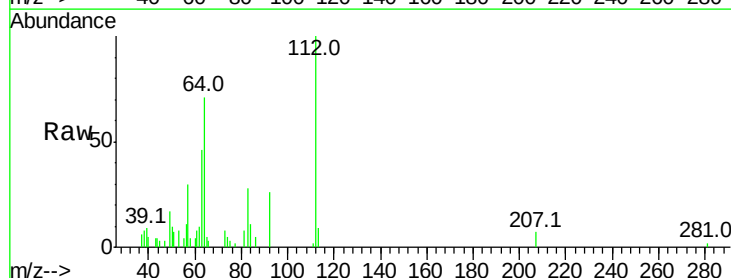
Tgt Ion:112 Resp: 20970

Ion Ratio Lower Upper

112 100

64 70.6 38.6 57.8#

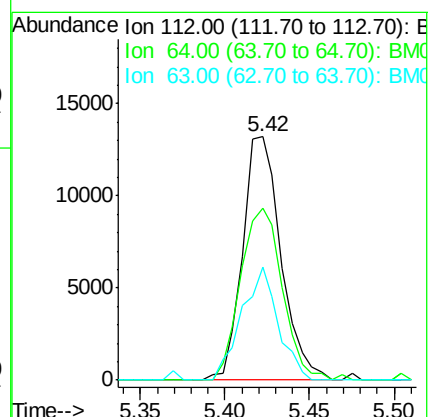
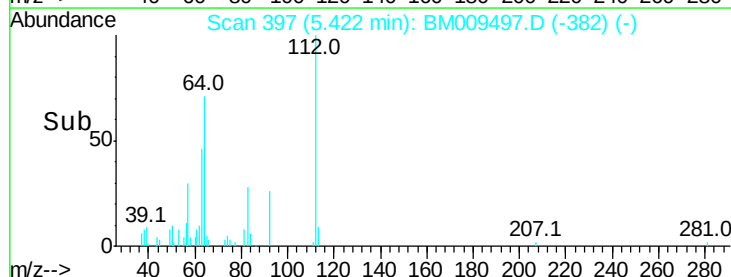
63 46.5 19.3 28.9#

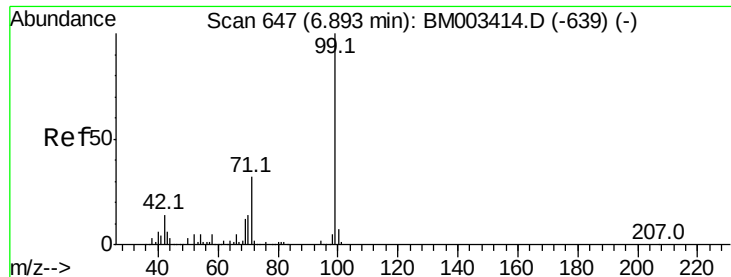


Abundance Ion 112.00 (111.70 to 112.70): E

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

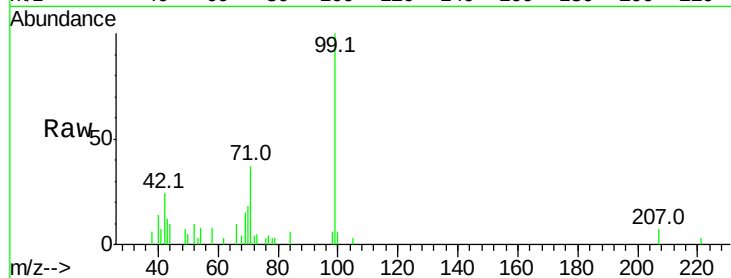
Tot Ion: 99 Resp: 17578

Ion Ratio Lower Upper

99 100

42 24.2 11.0 16.4#

71 37.3 23.4 35.2#

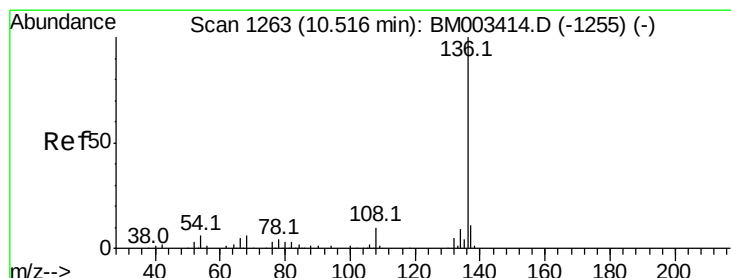
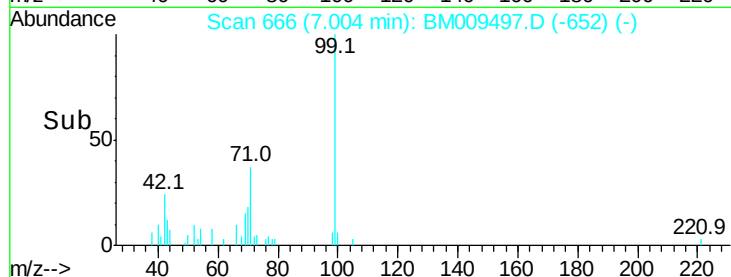
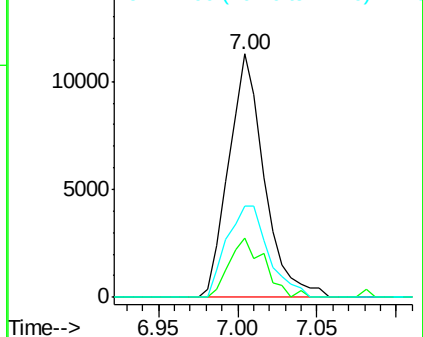


Abundance

Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#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

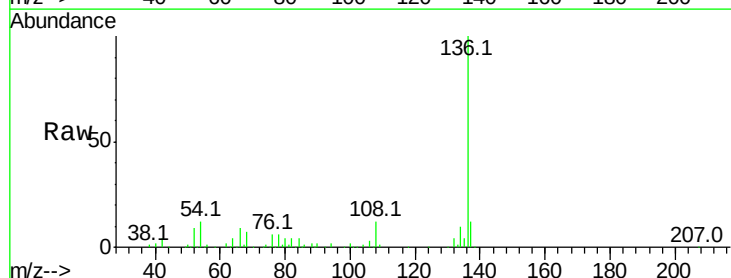
Ion Ratio Lower Upper

136 100

137 11.9 8.7 13.1

54 12.5 4.6 6.8#

68 7.2 3.7 5.5#



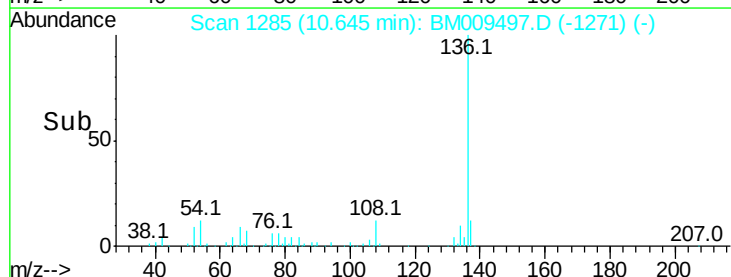
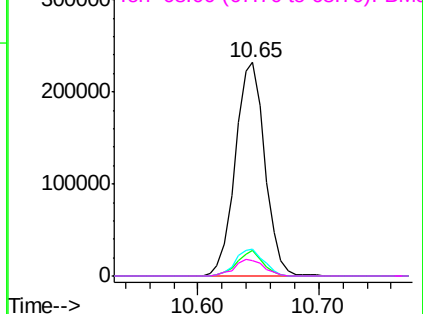
Abundance

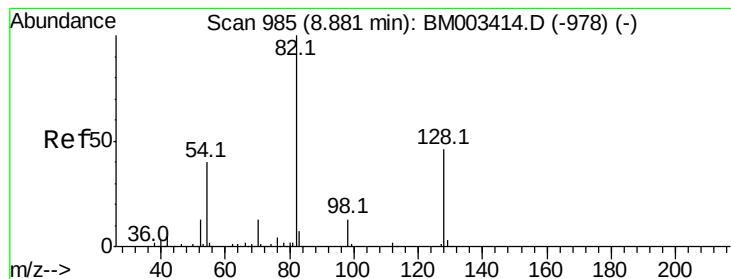
Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

Ion 137.00 (136.70 to 137.70): BM003414.D (-1255) (-)

Ion 54.00 (53.70 to 54.70): BM003414.D (-1255) (-)

Ion 68.00 (67.70 to 68.70): BM003414.D (-1255) (-)





#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

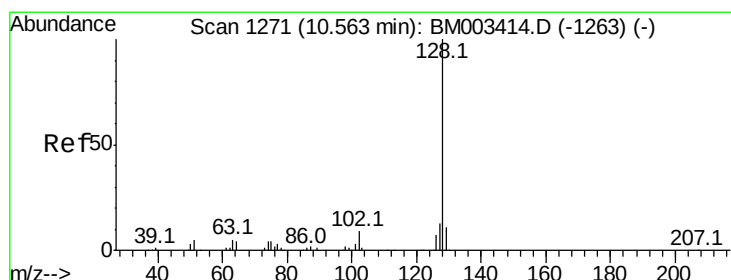
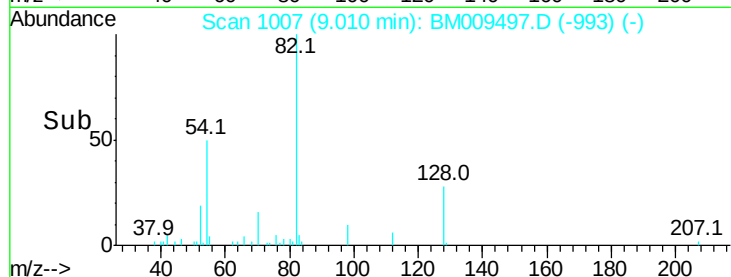
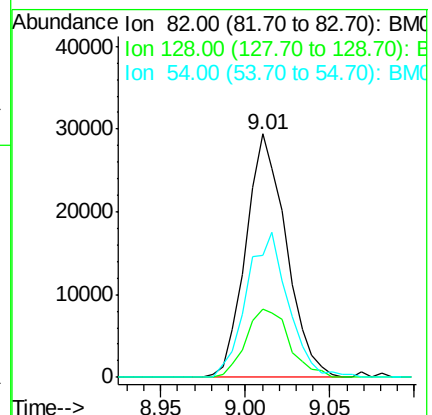
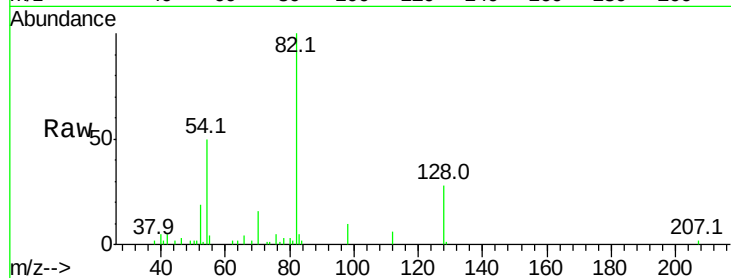
Tot Ion: 82 Resp: 49032

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

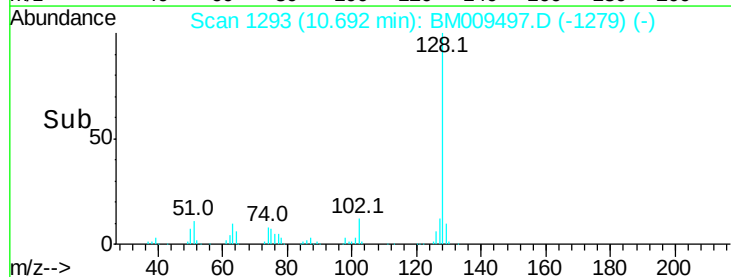
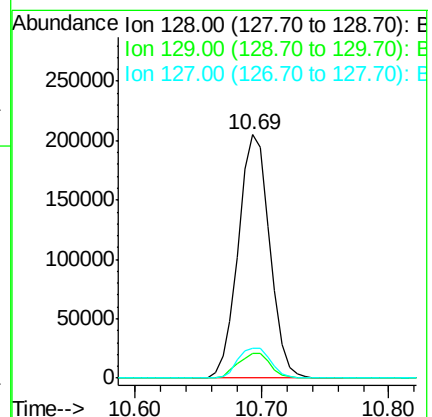
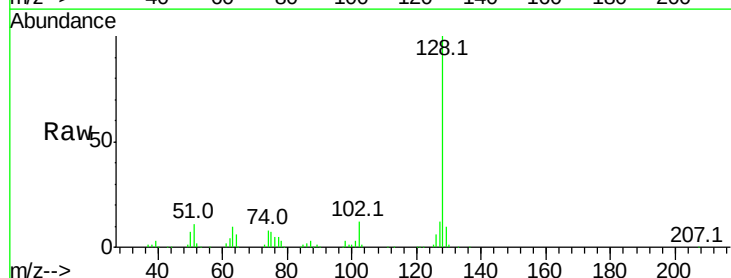
Tgt Ion: 128 Resp: 351147

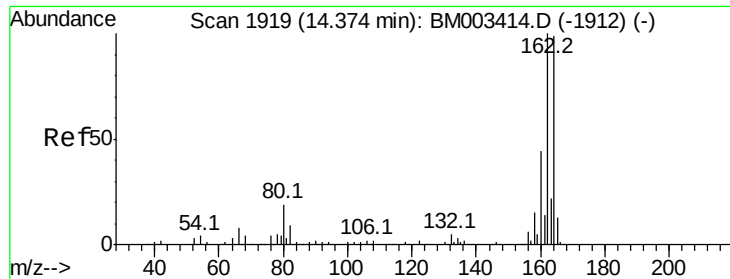
Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

127 12.2 10.4 15.6

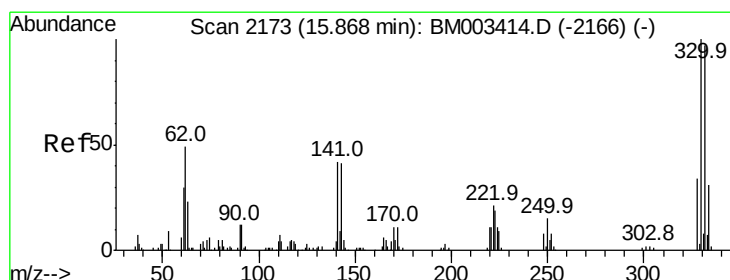
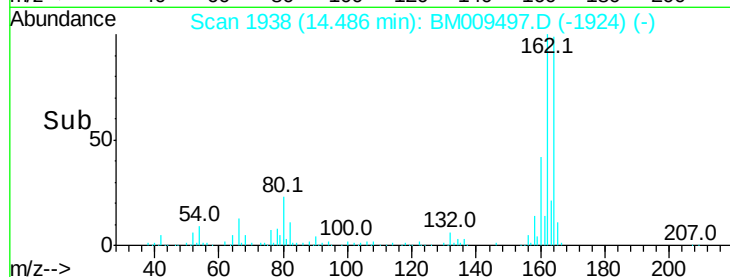
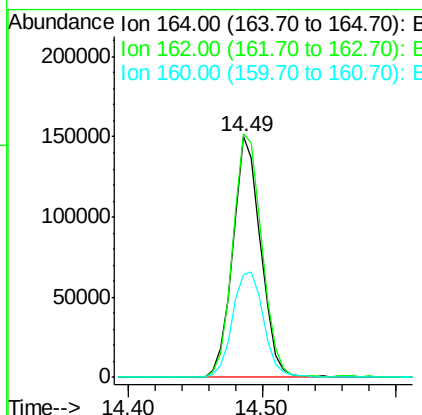
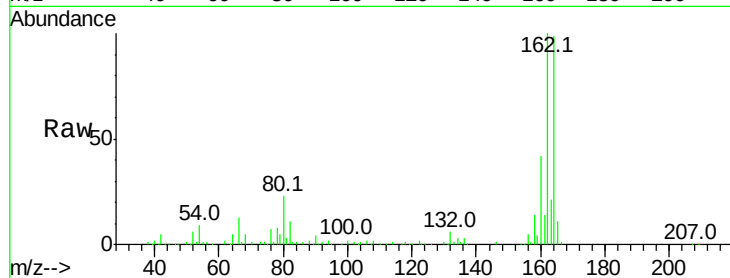




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BM009497.D
 Acq: 03 Apr 2017 13:12

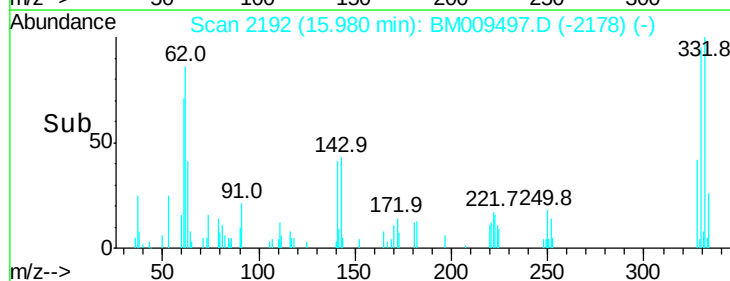
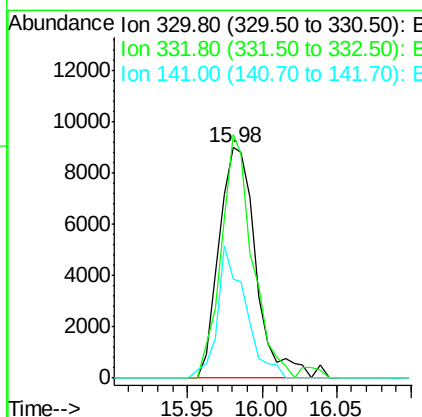
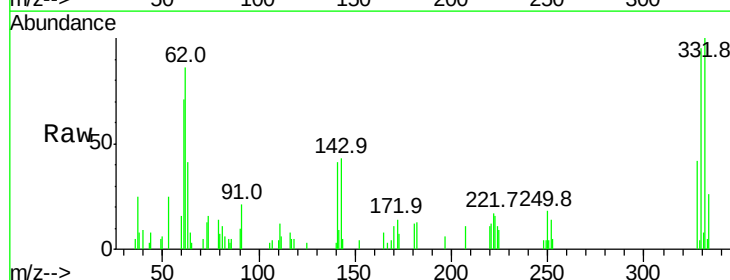
Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW24S-GWDL

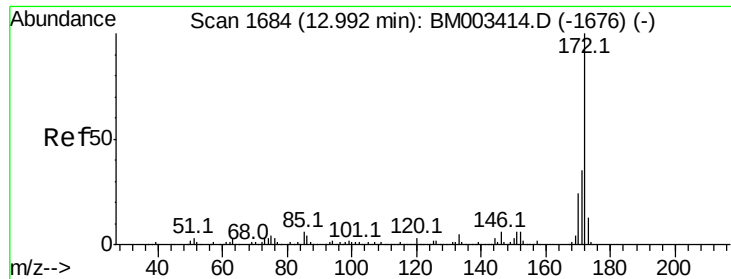
Tot Ion:164 Resp: 218914
 Ion Ratio Lower Upper
 164 100
 162 101.0 82.4 123.6
 160 42.7 35.8 53.6



#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#

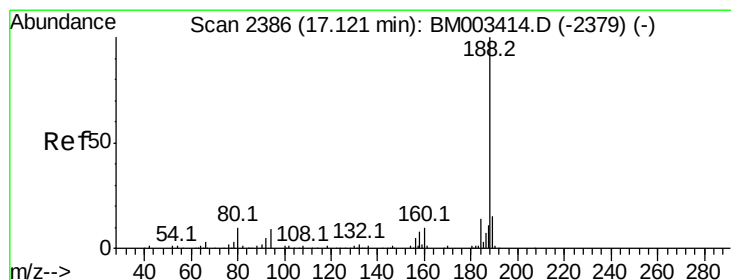
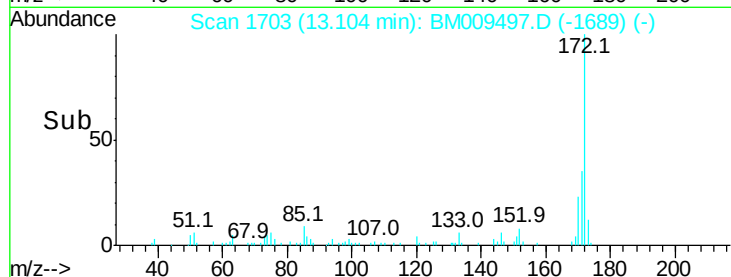
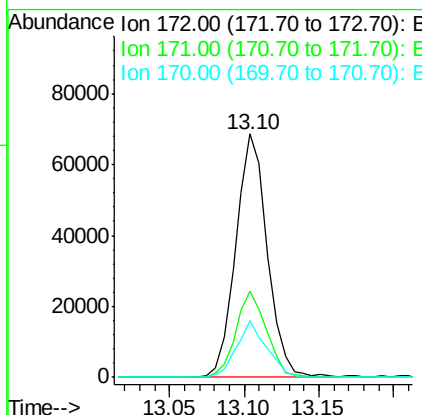
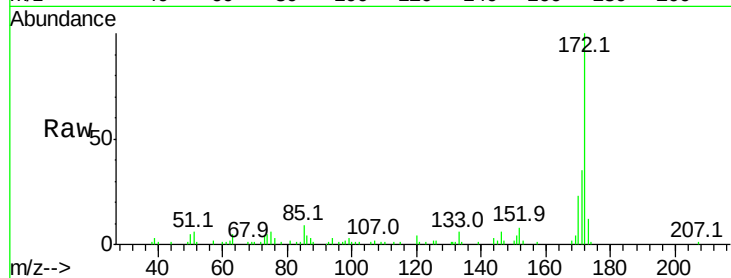




#44
2-Fluorobiphenyl
Concen: 5.55 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009497.D
Acq: 03 Apr 2017 13:12

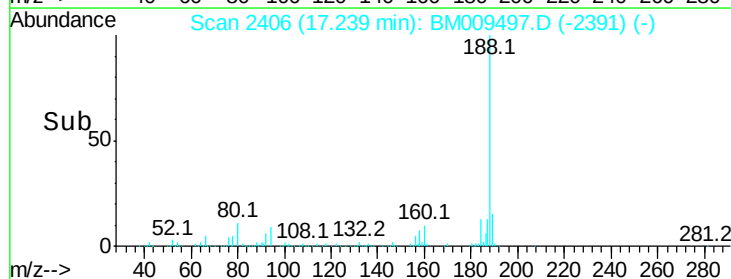
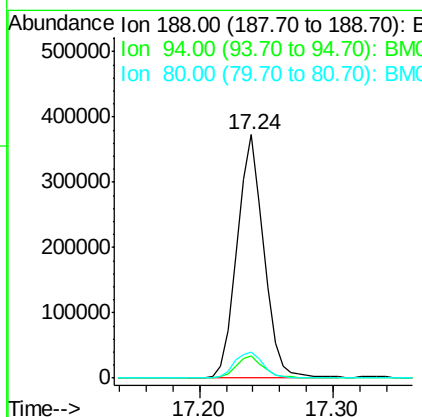
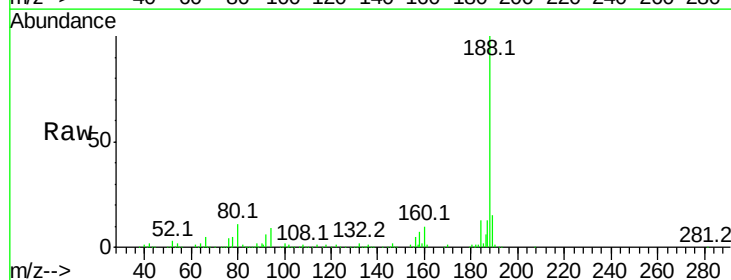
Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24S-GWDL

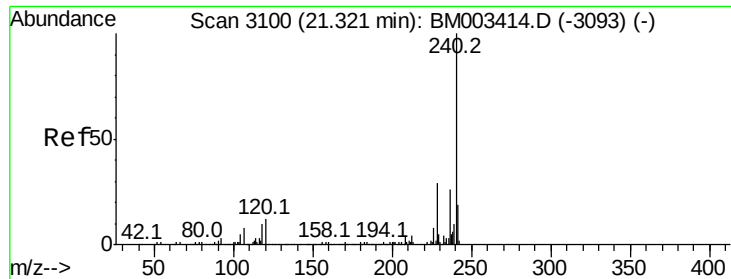
Tot Ion:172 Resp: 100753
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 23.3 18.8 28.2



#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





#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

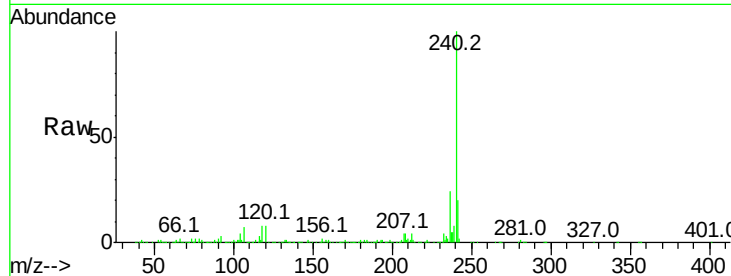
Tot Ion:240 Resp: 717156

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.2#

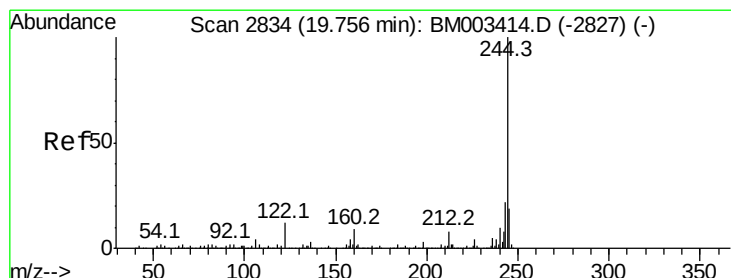
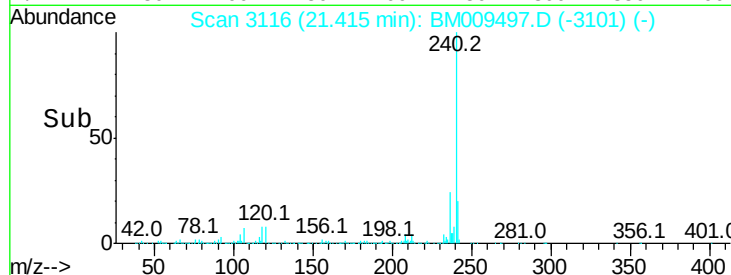
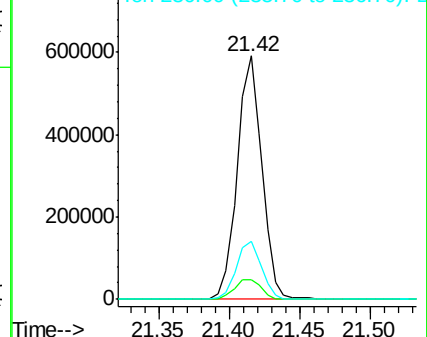
236 23.9 20.0 30.0



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

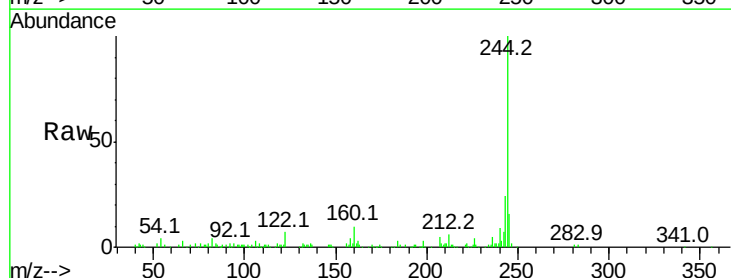
Tgt Ion:244 Resp: 144535

Ion Ratio Lower Upper

244 100

212 5.7 4.9 7.3

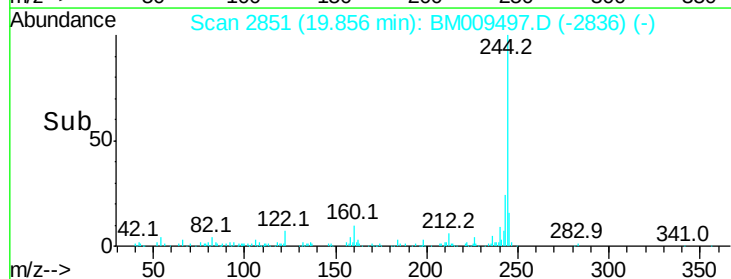
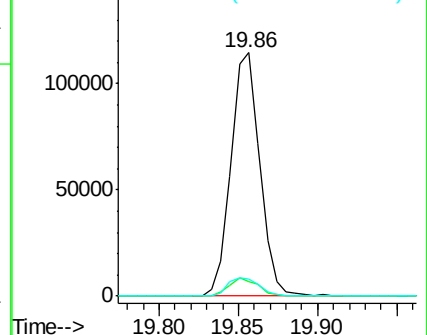
122 7.2 6.2 9.4

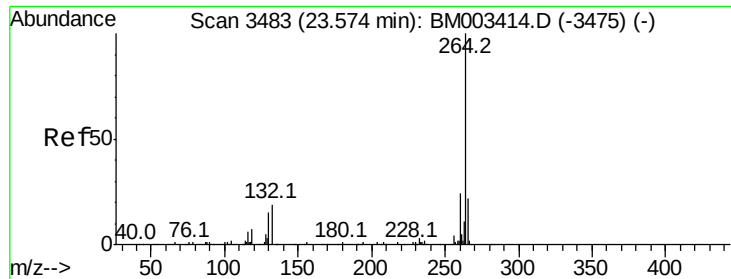


Abundance Ion 244.00 (243.70 to 244.70): E

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

