

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040317\
 Data File : BM009496.D
 Acq On : 03 Apr 2017 12:36
 Operator : SJ/MA
 Sample : I2475-07DL 20X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW24D-GWDL

Quant Time: Apr 04 01:19:28 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

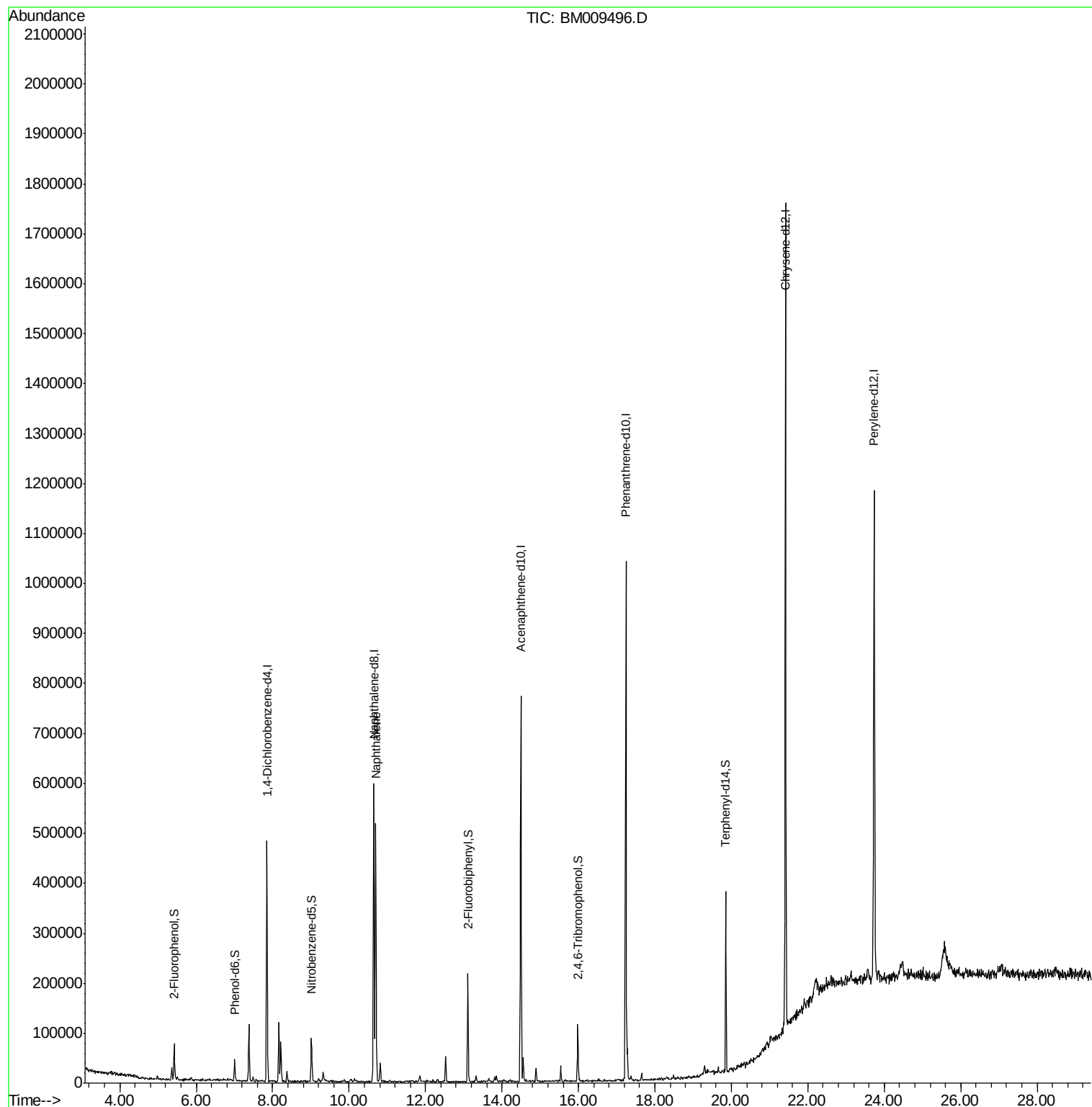
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	111589	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	419649	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	230040	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	560727	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	770425	20.00	ng	-0.01
86) Perylene-d12	23.74	264	718803	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	24755	3.70	ng	-0.01
7) Phenol-d6	7.00	99	19096	2.09	ng	-0.02
23) Nitrobenzene-d5	9.01	82	50238	4.49	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	17491	6.12	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	102985	5.39	ng	-0.02
78) Terphenyl-d14	19.86	244	147592	4.00	ng	-0.01
Target Compounds						
31) Naphthalene	10.69	128	363718	16.33	ng	Qvalue 99

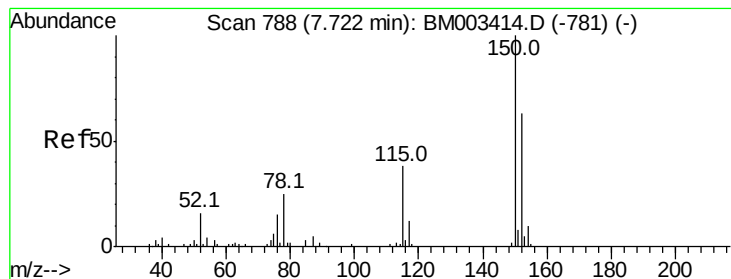
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM009496.D

Acq: 03 Apr 2017 12:36

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW24D-GWDL

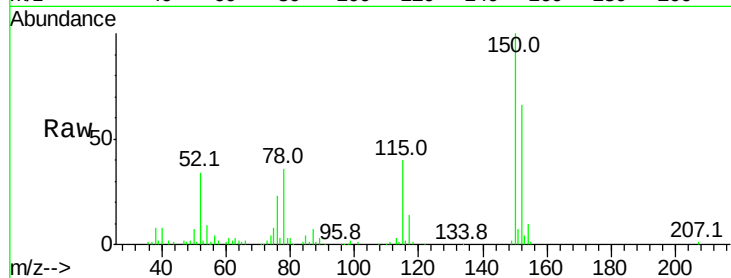
Tot Ion:152 Resp: 111589

Ion Ratio Lower Upper

152 100

150 150.4 119.5 179.3

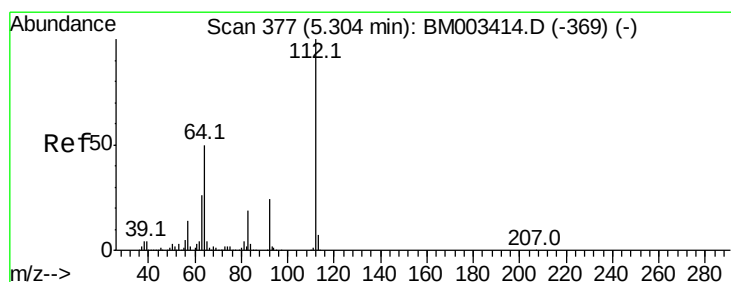
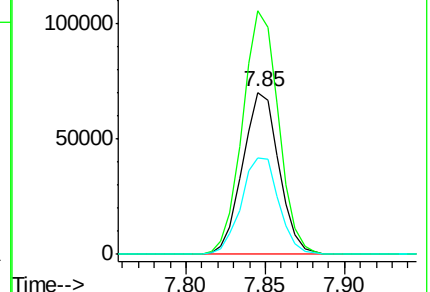
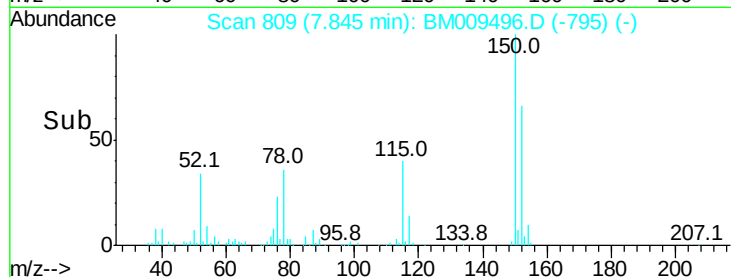
115 59.7 43.0 64.4



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: 3.70 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009496.D

Acq: 03 Apr 2017 12:36

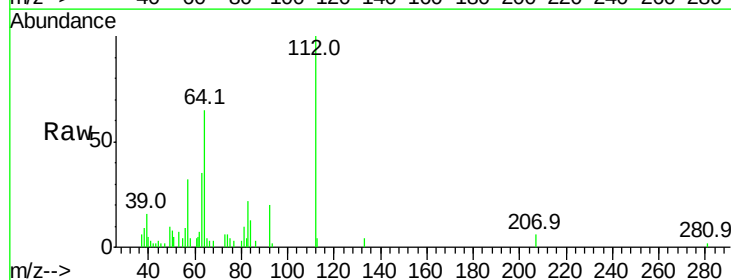
Tgt Ion:112 Resp: 24755

Ion Ratio Lower Upper

112 100

64 65.2 38.6 57.8#

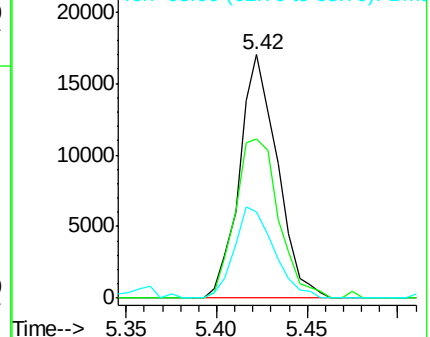
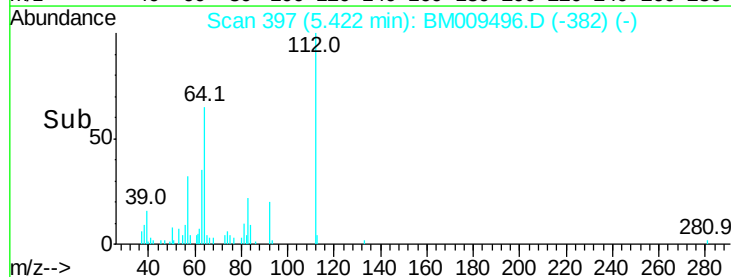
63 35.1 19.3 28.9#

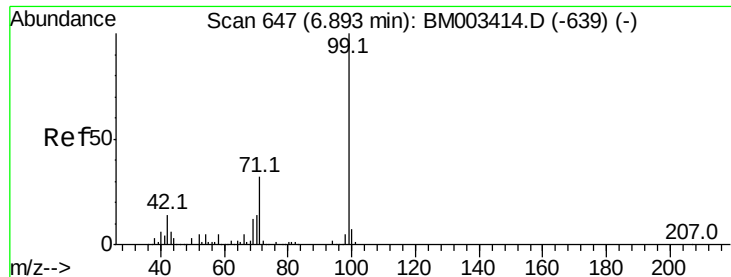


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 2.09 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009496.D

Acq: 03 Apr 2017 12:36

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW24D-GWDL

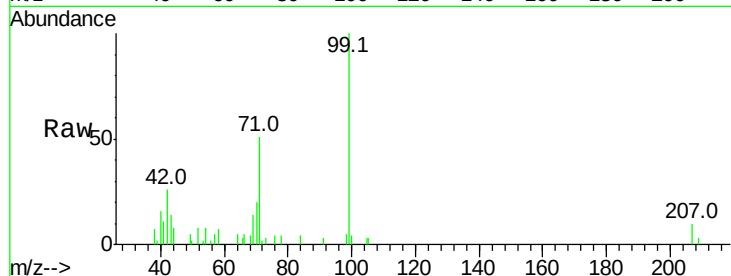
Tot Ion: 99 Resp: 19096

Ion Ratio Lower Upper

99 100

42 25.9 11.0 16.4#

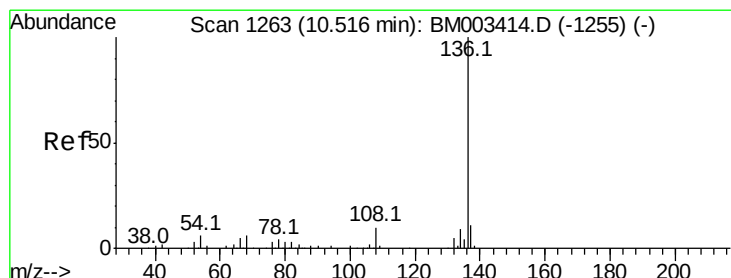
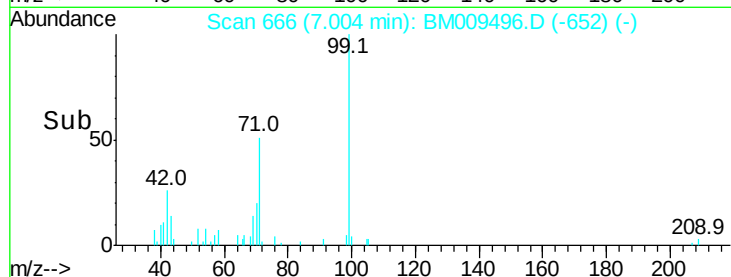
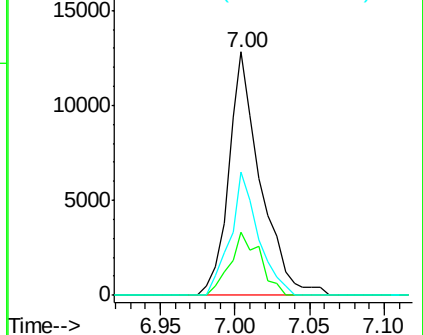
71 50.9 23.4 35.2#



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: BM009496.D

Acq: 03 Apr 2017 12:36

Tgt Ion: 136 Resp: 419649

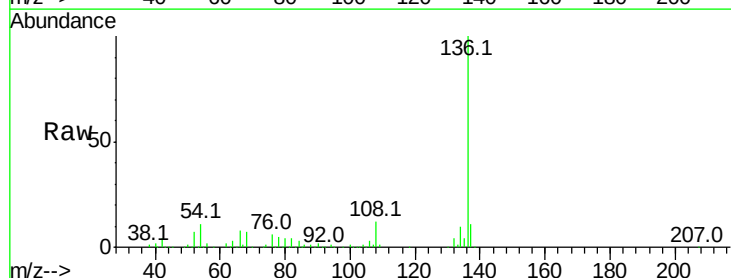
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 11.5 4.6 6.8#

68 7.0 3.7 5.5#

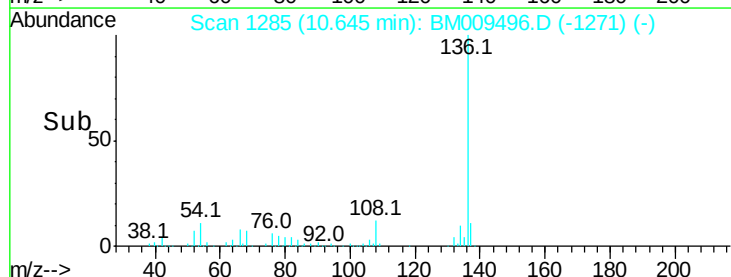
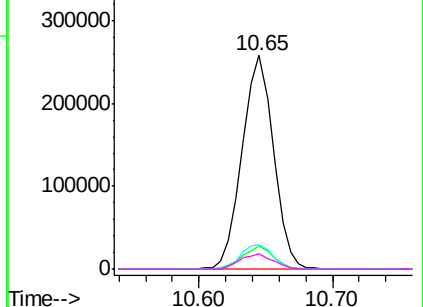


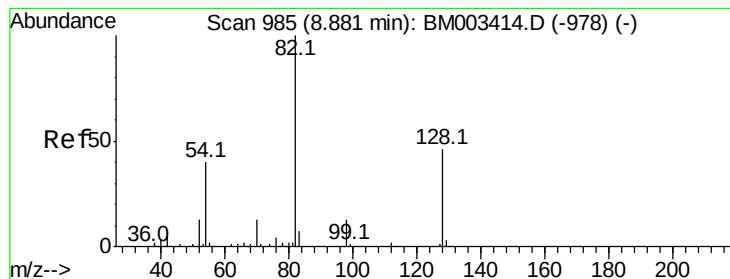
Abundance Ion 136.00 (135.70 to 136.70): BM003414.D (-1255) (-)

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: 4.49 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009496.D

Acq: 03 Apr 2017 12:36

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW24D-GWDL

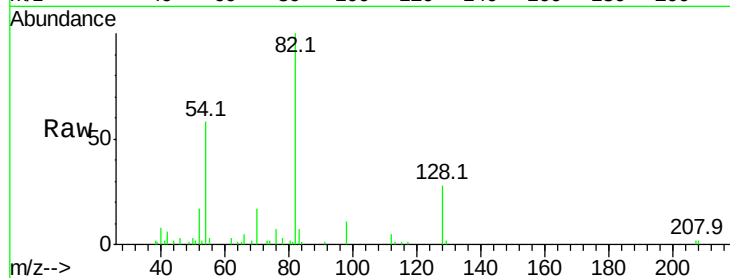
Tot Ion: 82 Resp: 50238

Ion Ratio Lower Upper

82 100

128 27.8 32.8 49.2#

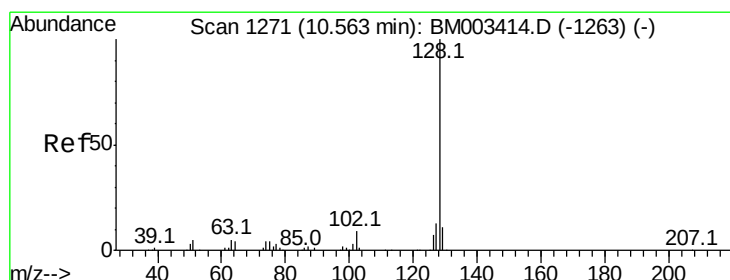
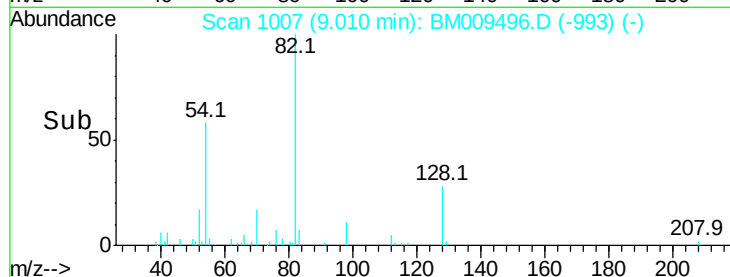
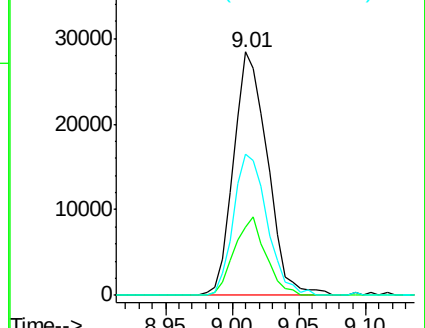
54 57.7 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM009496.D (-993) (-)

Ion 128.00 (127.70 to 128.70): BM009496.D (-993) (-)

Ion 54.00 (53.70 to 54.70): BM009496.D (-993) (-)



#31

Naphthalene

Concen: 16.33 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009496.D

Acq: 03 Apr 2017 12:36

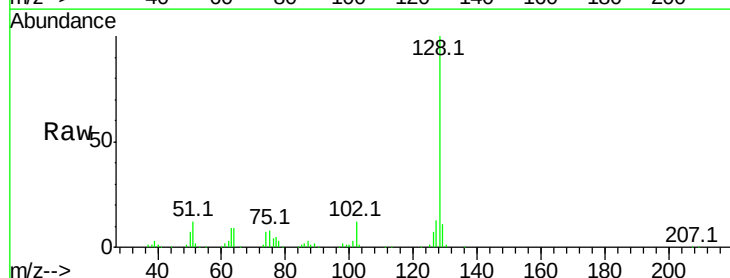
Tgt Ion: 128 Resp: 363718

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

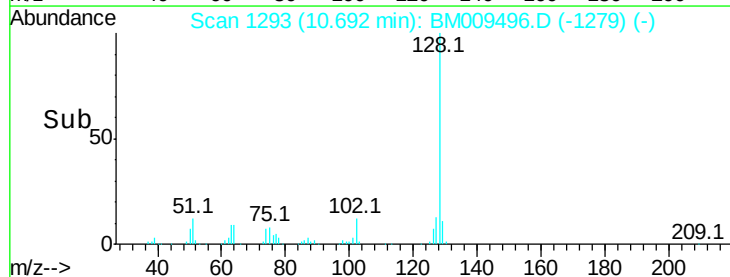
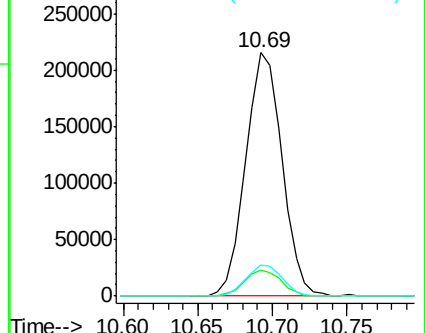
127 12.7 10.4 15.6

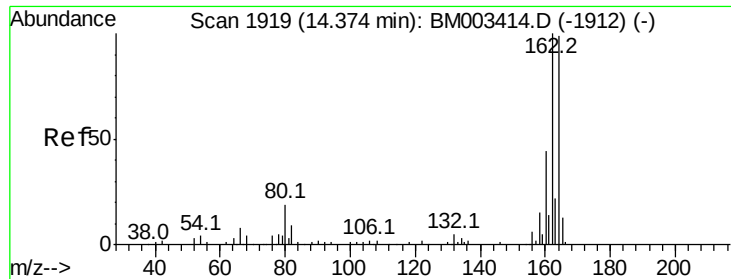


Abundance Ion 128.00 (127.70 to 128.70): BM009496.D (-1279) (-)

Ion 129.00 (128.70 to 129.70): BM009496.D (-1279) (-)

Ion 127.00 (126.70 to 127.70): BM009496.D (-1279) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009496.D

Acq: 03 Apr 2017 12:36

Instrument :

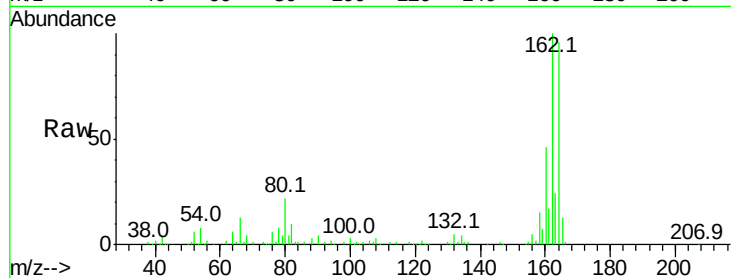
BNA_M

ClientSampleId :

QNWP8-MW24D-GWDL

Tot Ion:164 Resp: 230040

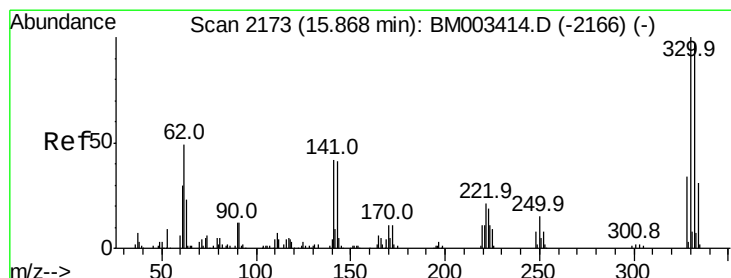
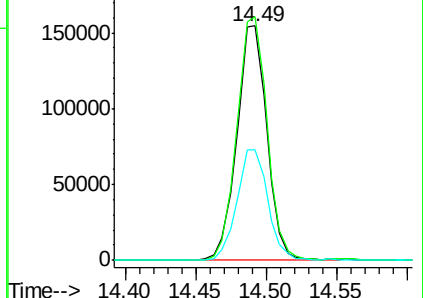
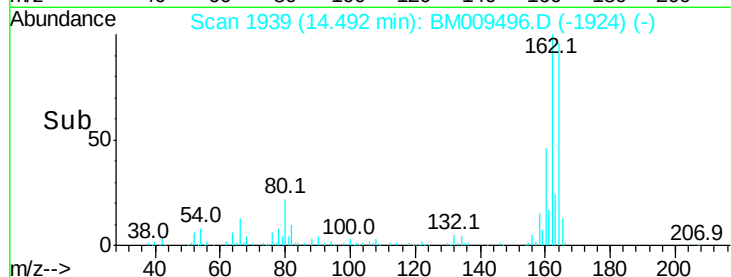
Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.4	123.6
160	47.3	35.8	53.6



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: 6.12 ng

RT: 15.98 min Scan# 2192

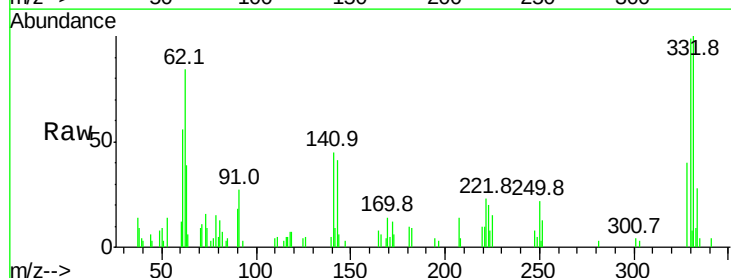
Delta R.T. -0.02 min

Lab File: BM009496.D

Acq: 03 Apr 2017 12:36

Tgt Ion:330 Resp: 17491

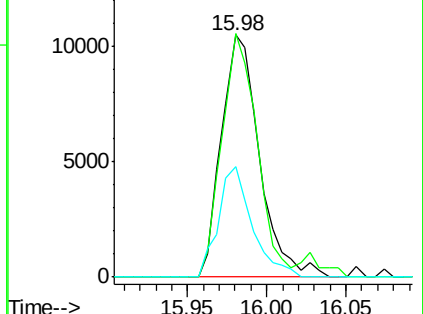
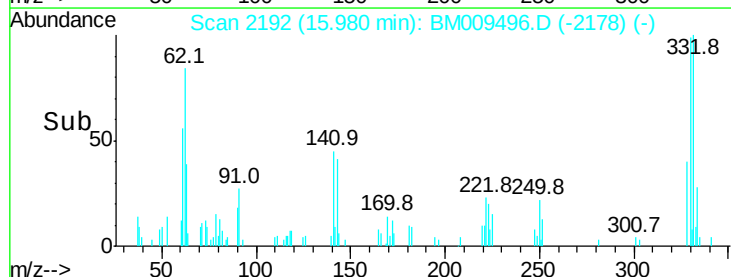
Ion	Ratio	Lower	Upper
330	100		
332	92.7	0.0	0.0#
141	40.5	0.0	0.0#

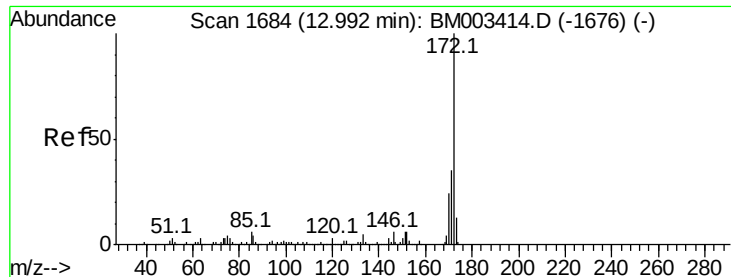


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

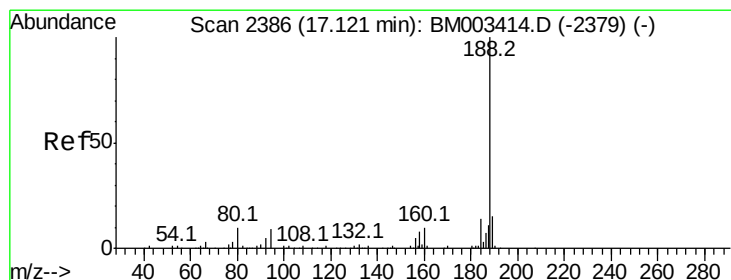
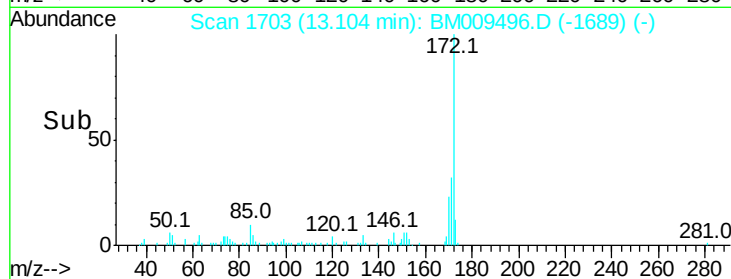
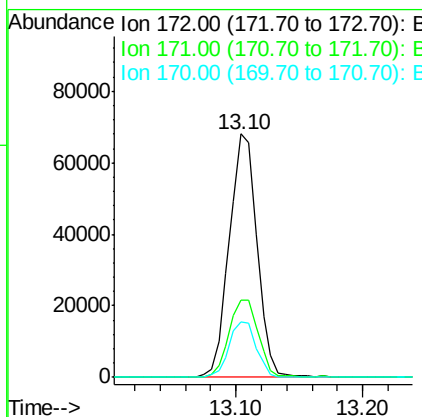
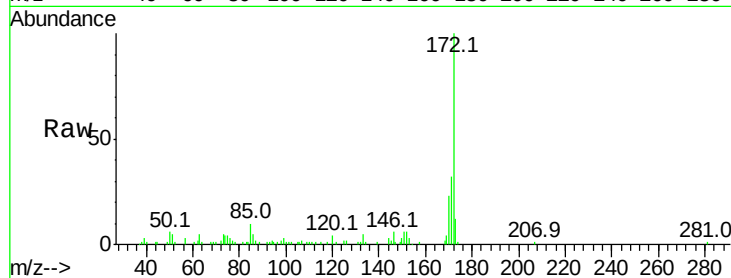




#44
2-Fluorobiphenyl
Concen: 5.39 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009496.D
Acq: 03 Apr 2017 12:36

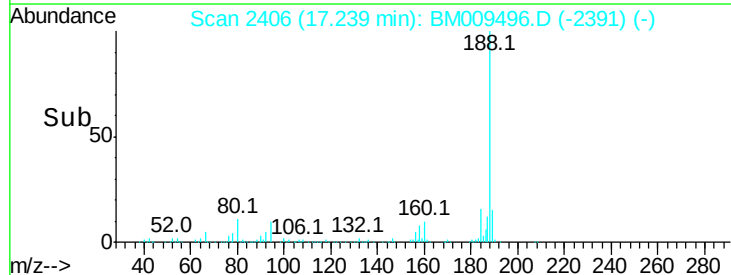
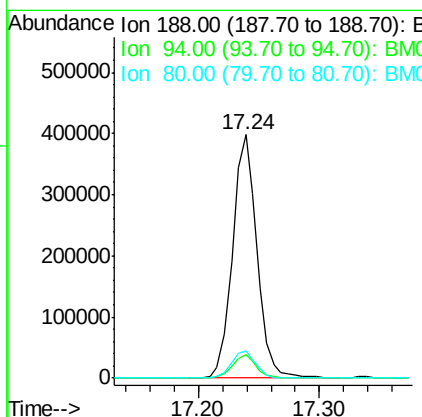
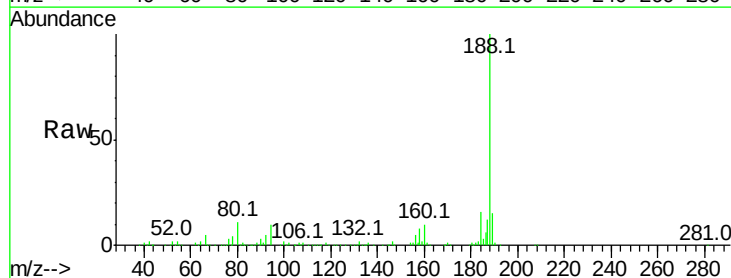
Instrument :
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QNWP8-MW24D-GWDL

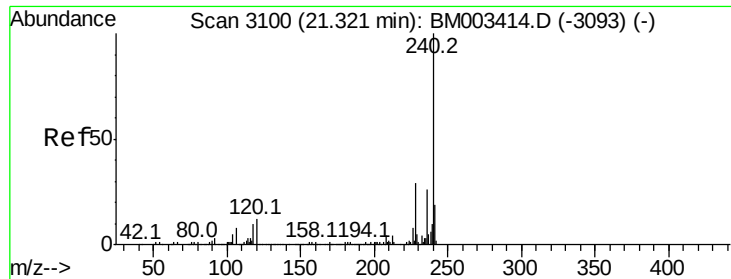
Tot Ion:172 Resp: 102985
Ion Ratio Lower Upper
172 100
171 31.7 28.5 42.7
170 22.9 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009496.D
Acq: 03 Apr 2017 12:36

Tgt Ion:188 Resp: 560727
Ion Ratio Lower Upper
188 100
94 9.7 8.7 13.1
80 11.2 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: BM009496.D

Acq: 03 Apr 2017 12:36

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW24D-GWDL

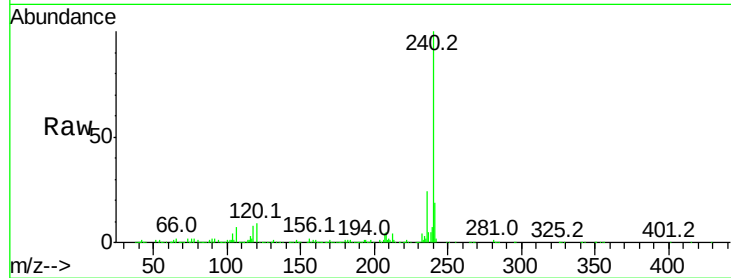
Tot Ion:240 Resp: 770425

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

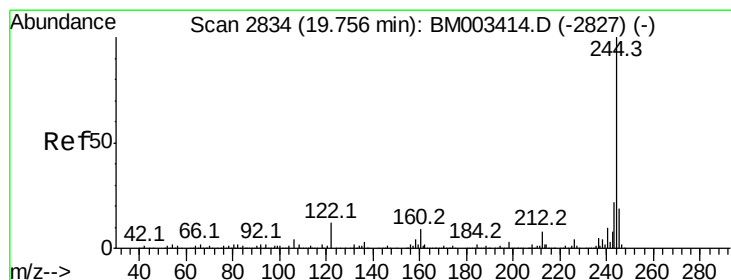
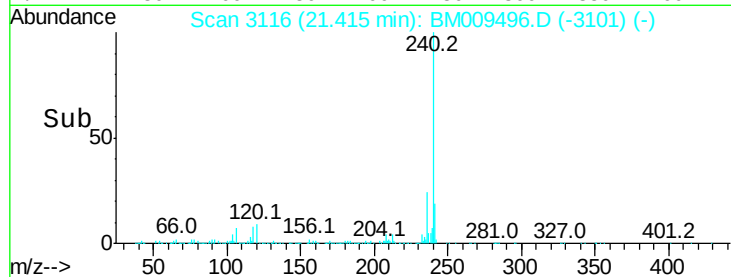
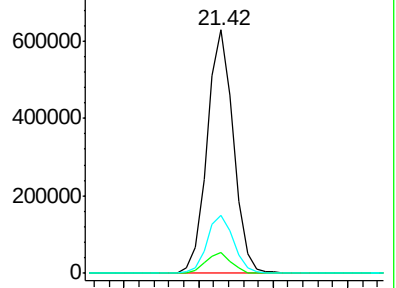
236 23.6 20.0 30.0



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: 4.00 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009496.D

Acq: 03 Apr 2017 12:36

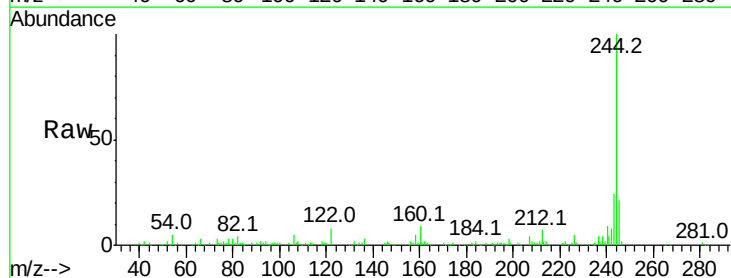
Tgt Ion:244 Resp: 147592

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

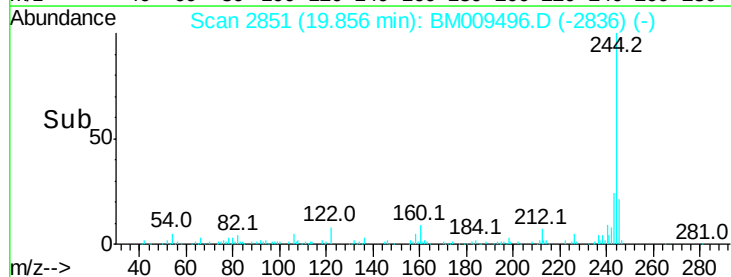
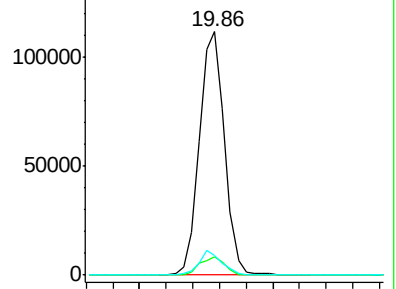
122 8.0 6.2 9.4

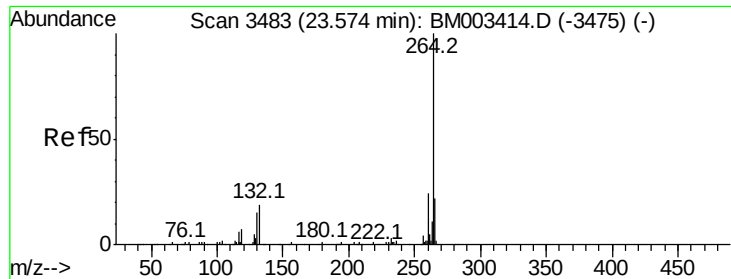


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



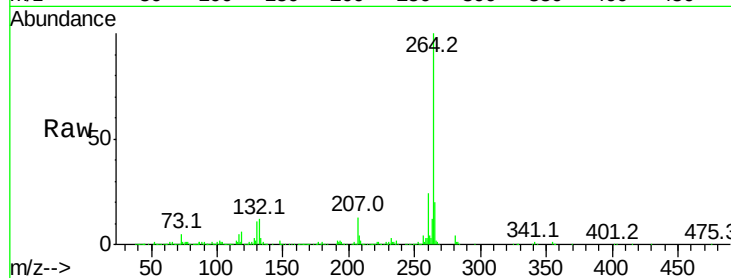


#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.74 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM009496.D
Acq: 03 Apr 2017 12:36

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW24D-GWDL

Tot Ion: 264 Resp: 718803

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	20.2	17.3	25.9



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

