

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009485.D
 Acq On : 31 Mar 2017 21:58
 Operator : SJ/MA
 Sample : I2475-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW25D-GW

Quant Time: Mar 31 23:00:56 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

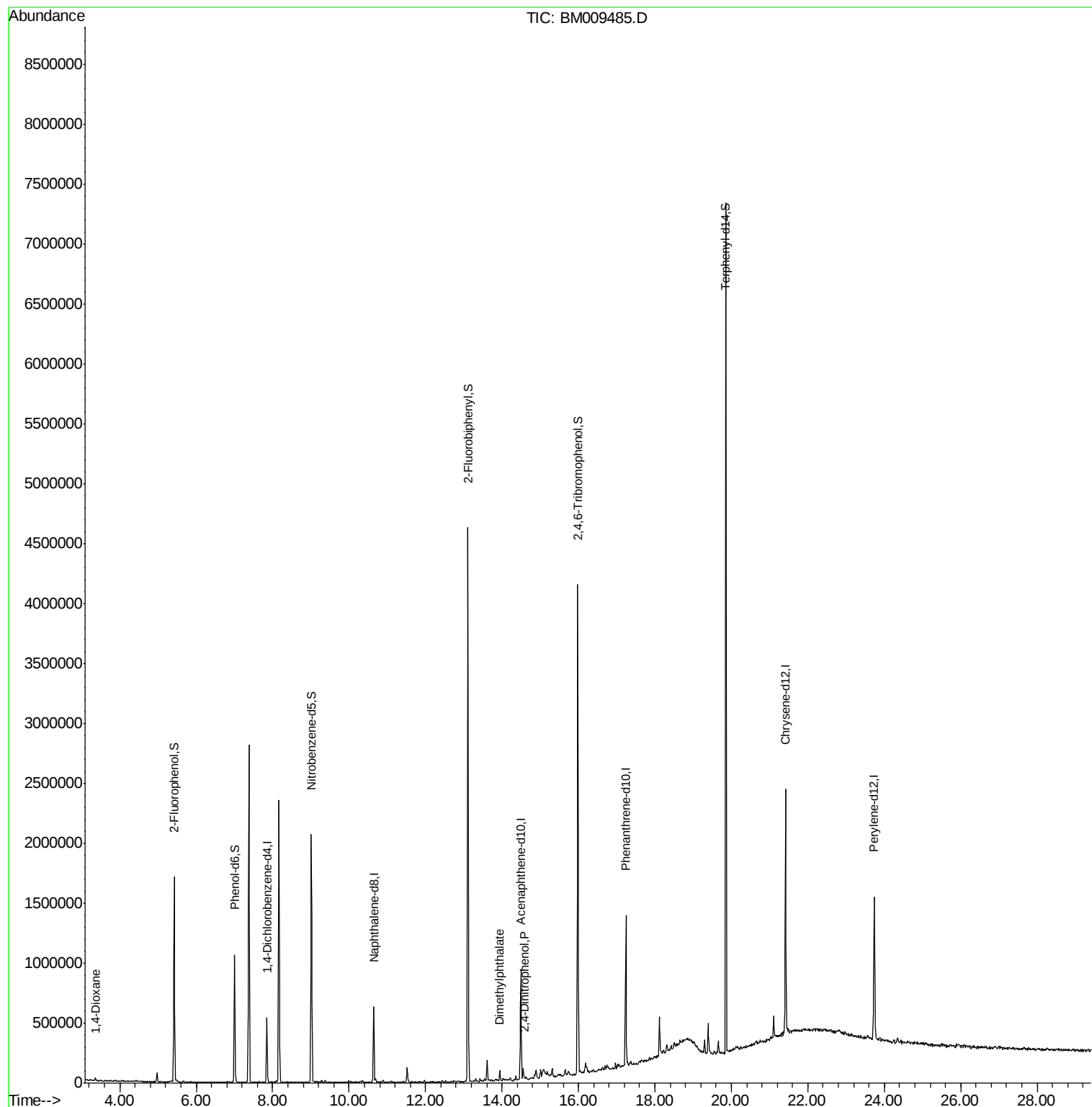
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	118525	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	461404	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	266570	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	671987	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	944353	20.00	ng	-0.01
86) Perylene-d12	23.74	264	875672	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	558598	78.56	ng	-0.01
7) Phenol-d6	7.00	99	491224	50.66	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1172503	95.28	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	601977	181.78	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	2181548	98.61	ng	-0.02
78) Terphenyl-d14	19.86	244	2898286	64.13	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.36	88	9970	2.79	ng	# 100
49) Dimethylphthalate	13.94	163	47416	2.32	ng	# 97
53) 2,4-Dinitrophenol	14.59	184	146	5.51	ng	# 38

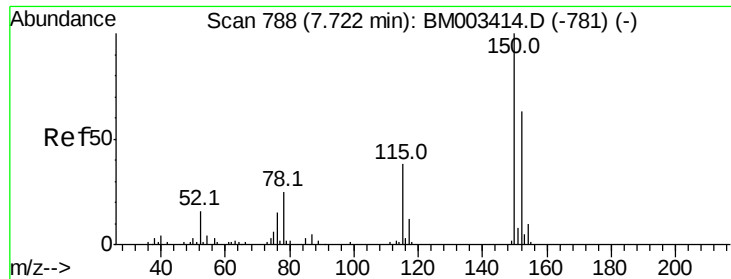
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM009485.D

Acq: 31 Mar 2017 21:58

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW25D-GW

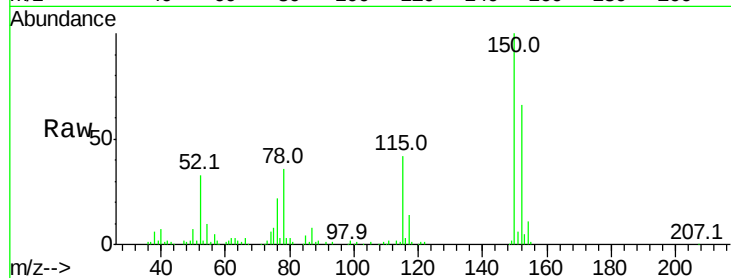
Tot Ion:152 Resp: 118525

Ion Ratio Lower Upper

152 100

150 152.6 119.5 179.3

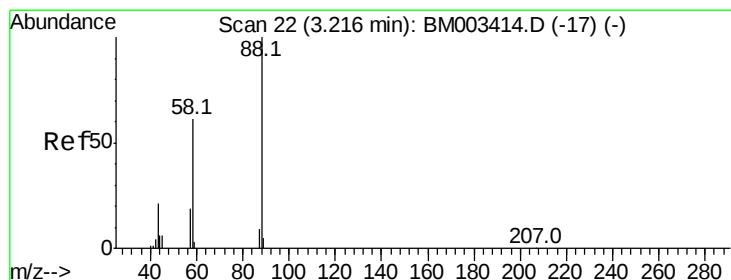
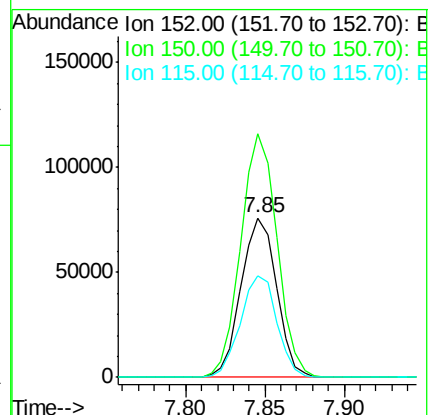
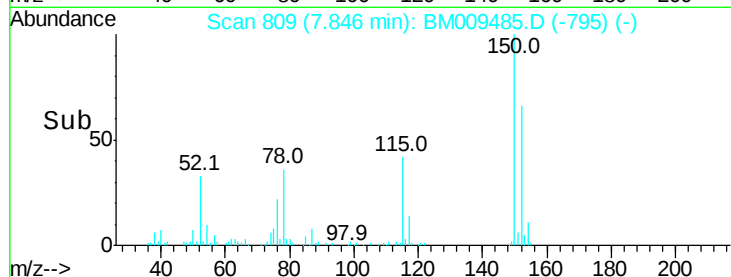
115 63.3 43.0 64.4



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



#2

1,4-Dioxane

Concen: 2.79 ng

RT: 3.36 min Scan# 47

Delta R.T. -0.01 min

Lab File: BM009485.D

Acq: 31 Mar 2017 21:58

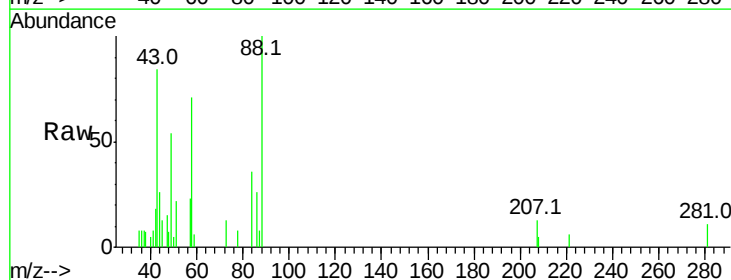
Tgt Ion: 88 Resp: 9970

Ion Ratio Lower Upper

88 100

58 75.2 0.0 0.0#

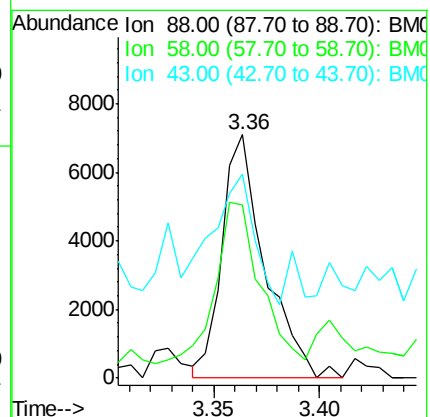
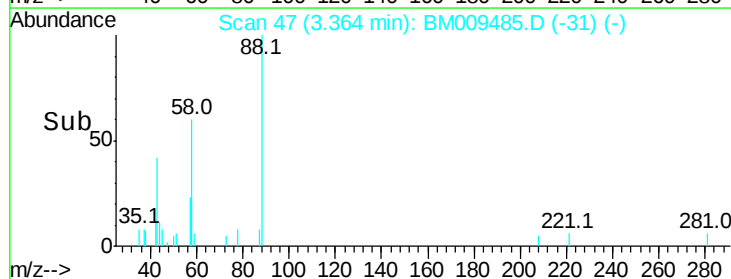
43 53.3 0.0 0.0#

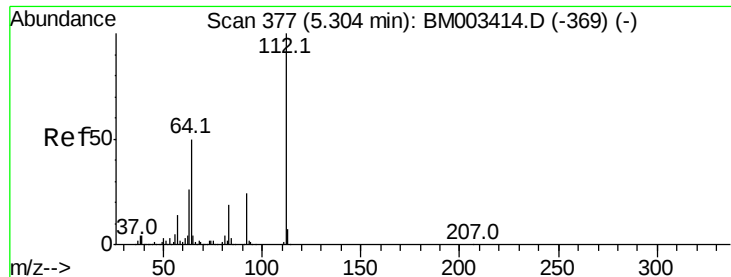


Abundance Ion 88.00 (87.70 to 88.70): BMC

Ion 58.00 (57.70 to 58.70): BMC

Ion 43.00 (42.70 to 43.70): BMC





#5

2-Fluorophenol

Concen: 78.56 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009485.D

Acq: 31 Mar 2017 21:58

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW25D-GW

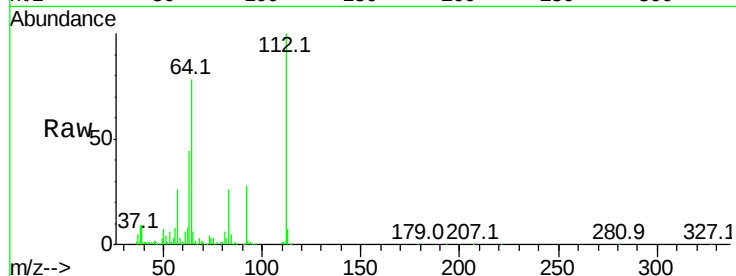
Tot Ion:112 Resp: 558598

Ion Ratio Lower Upper

112 100

64 78.0 38.6 57.8#

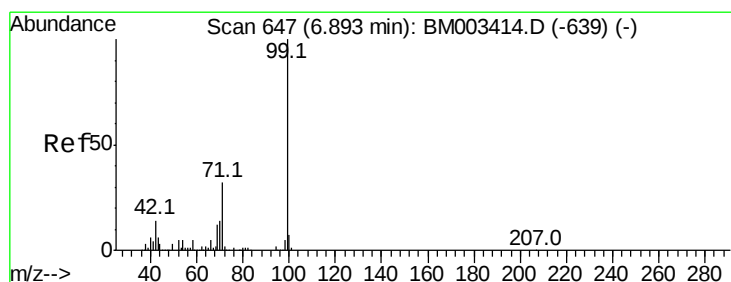
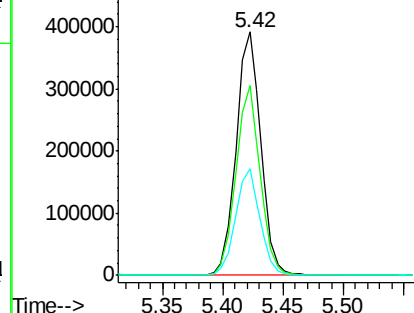
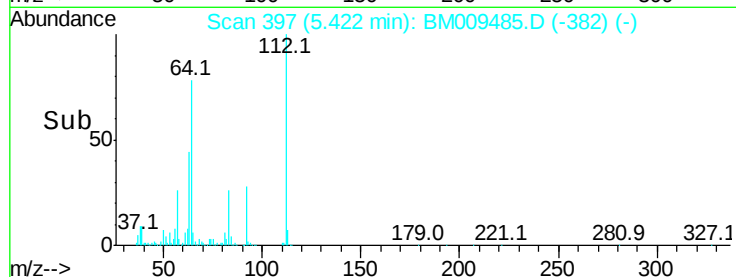
63 43.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 50.66 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009485.D

Acq: 31 Mar 2017 21:58

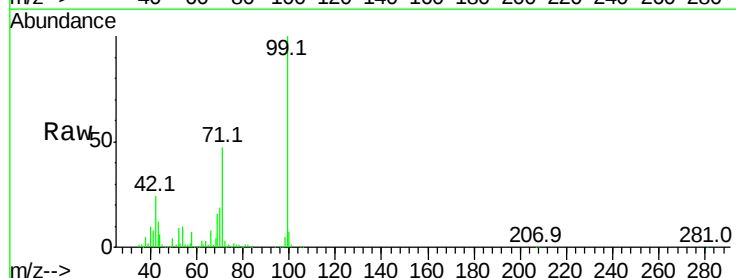
Tgt Ion: 99 Resp: 491224

Ion Ratio Lower Upper

99 100

42 24.5 11.0 16.4#

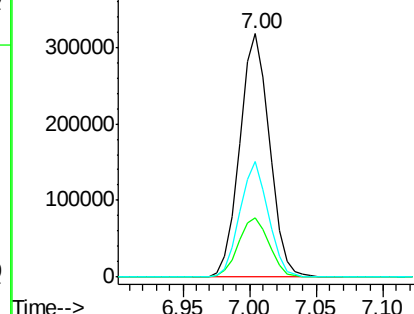
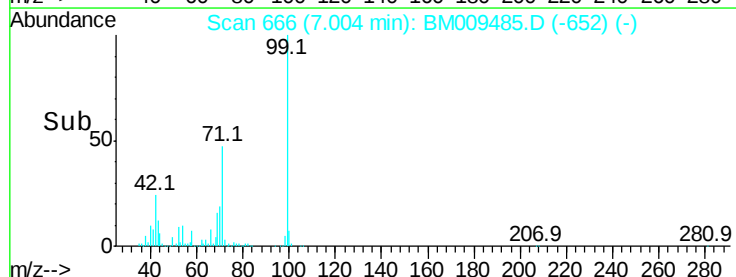
71 47.5 23.4 35.2#

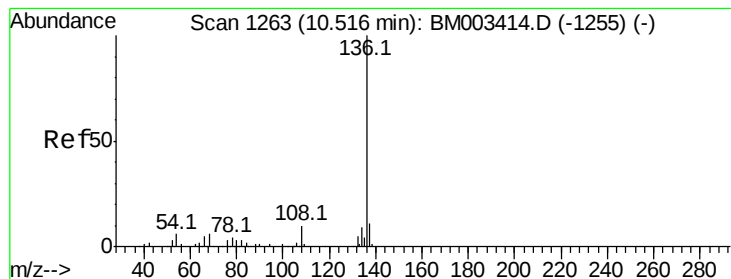


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009485.D

Acq: 31 Mar 2017 21:58

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW25D-GW

Tot Ion:136 Resp: 461404

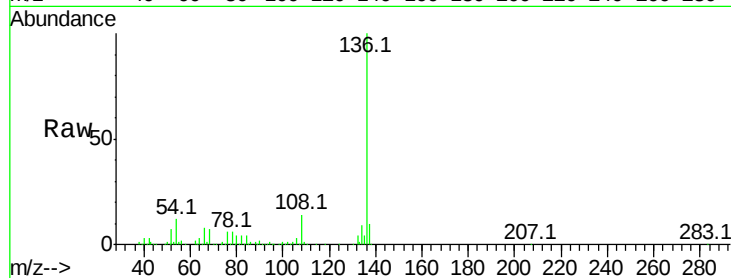
Ion Ratio Lower Upper

136 100

137 9.8 8.7 13.1

54 11.5 4.6 6.8#

68 7.4 3.7 5.5#

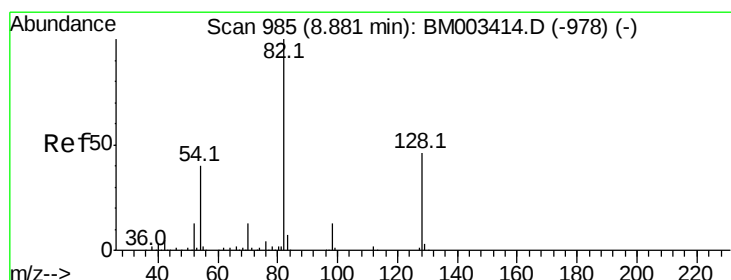
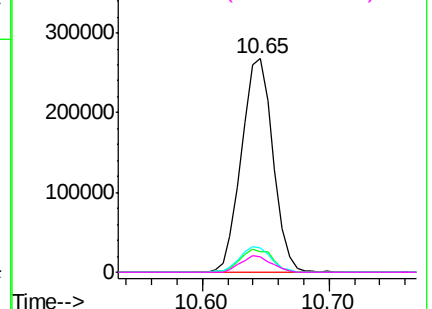
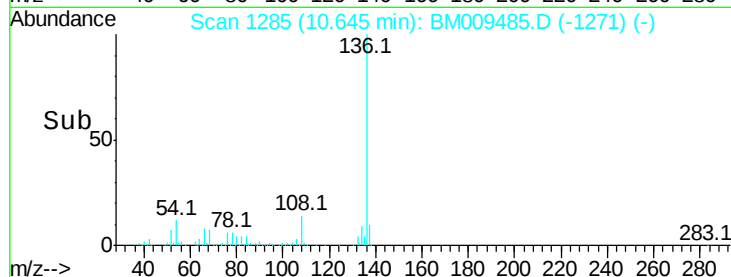


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#23

Nitrobenzene-d5

Concen: 95.28 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009485.D

Acq: 31 Mar 2017 21:58

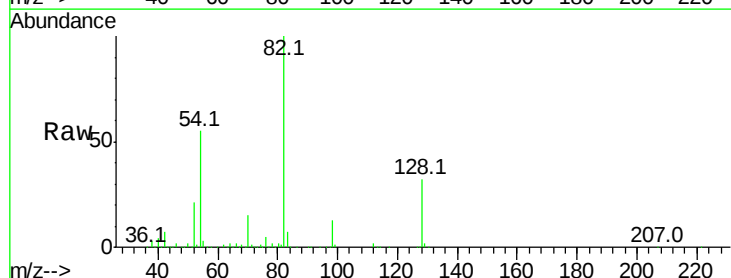
Tgt Ion: 82 Resp: 1172503

Ion Ratio Lower Upper

82 100

128 31.6 32.8 49.2#

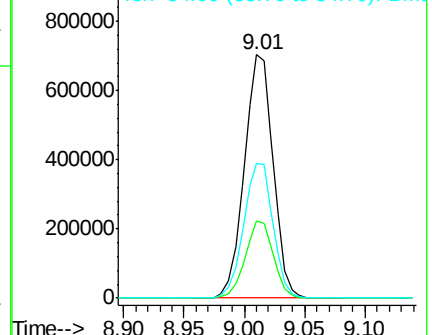
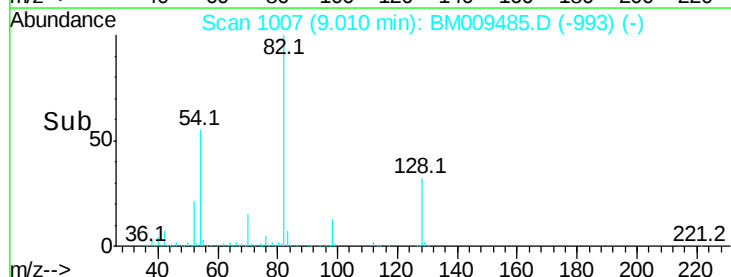
54 55.4 40.6 60.8

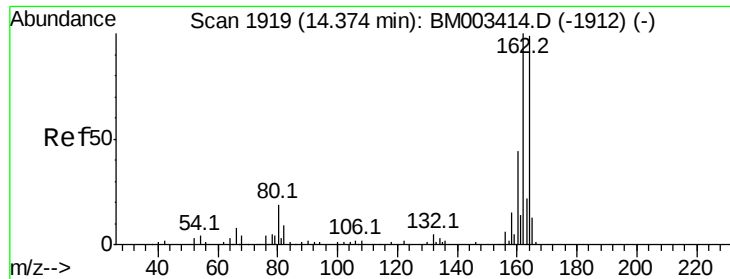


Abundance Ion 82.00 (81.70 to 82.70): BM

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009485.D

Acq: 31 Mar 2017 21:58

Instrument :

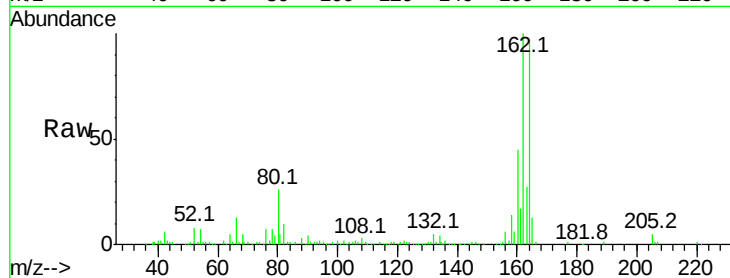
BNA_M

ClientSampleId :

QNWP8-MW25D-GW

Tot Ion:164 Resp: 266570

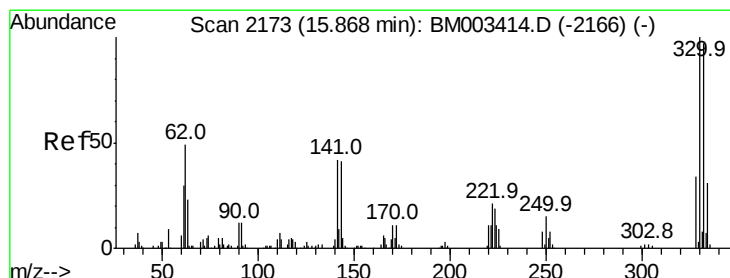
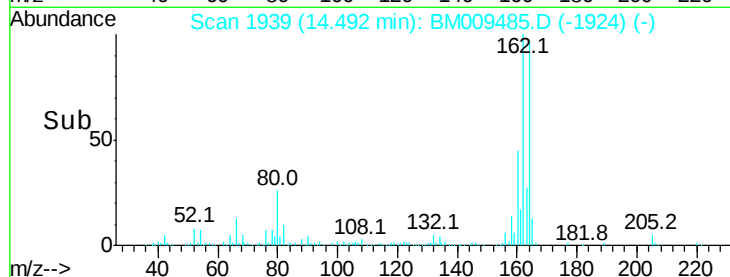
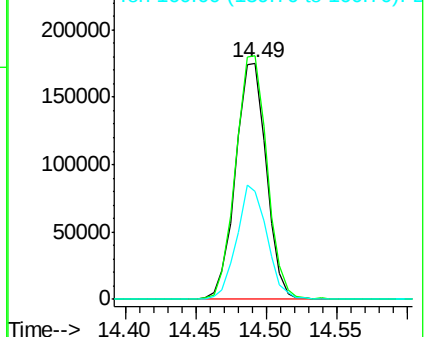
Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.4	123.6
160	45.9	35.8	53.6



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: 181.78 ng

RT: 15.98 min Scan# 2192

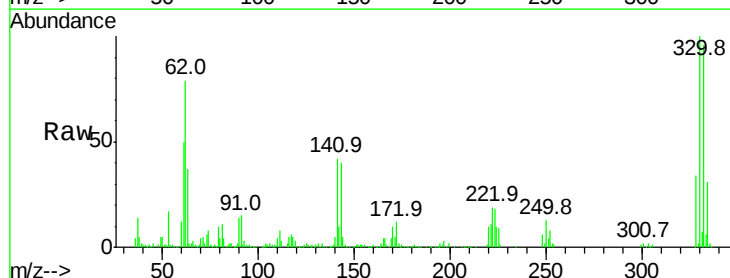
Delta R.T. -0.02 min

Lab File: BM009485.D

Acq: 31 Mar 2017 21:58

Tgt Ion:330 Resp: 601977

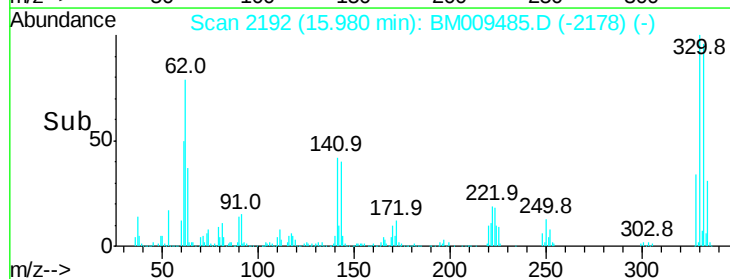
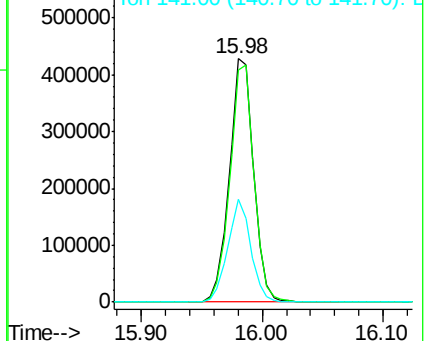
Ion	Ratio	Lower	Upper
330	100		
332	96.5	0.0	0.0#
141	40.3	0.0	0.0#

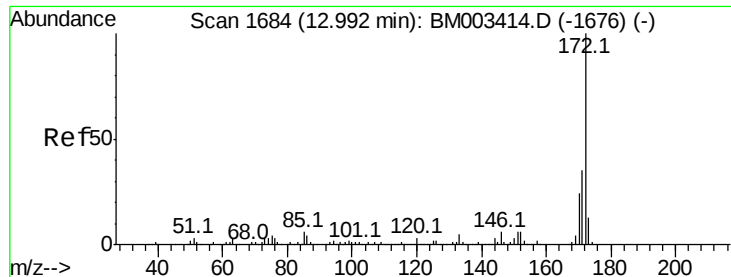


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

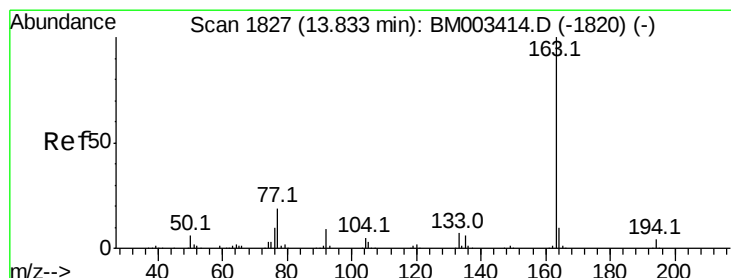
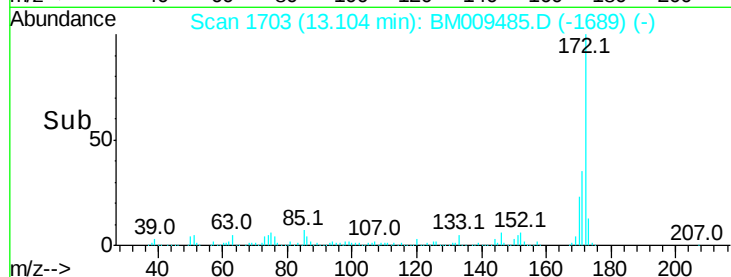
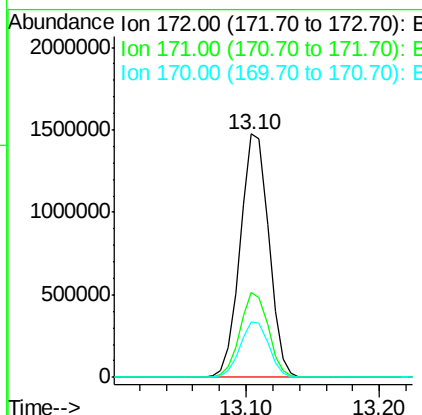
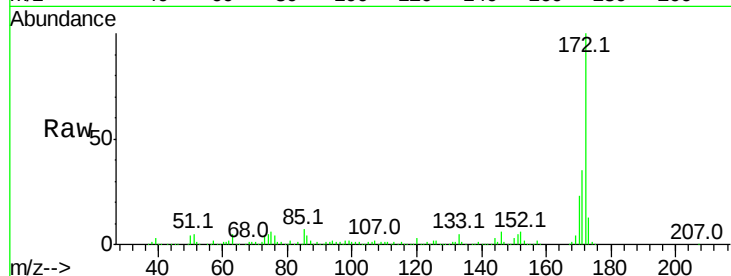




#44
2-Fluorobiphenyl
Concen: 98.61 ng
RT: 13.10 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BM009485.D
Acq: 31 Mar 2017 21:58

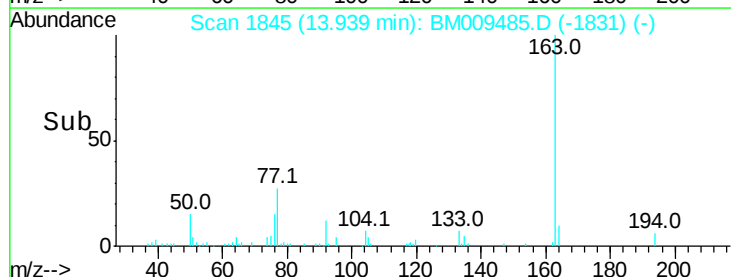
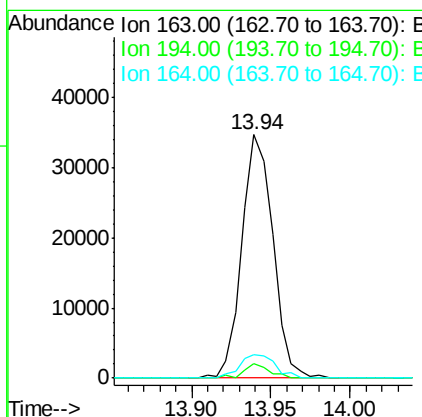
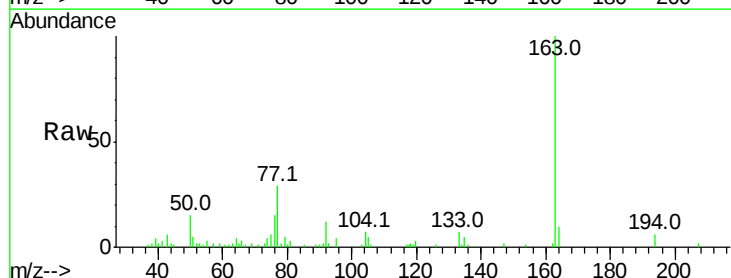
Instrument :
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QNWP8-MW25D-GW

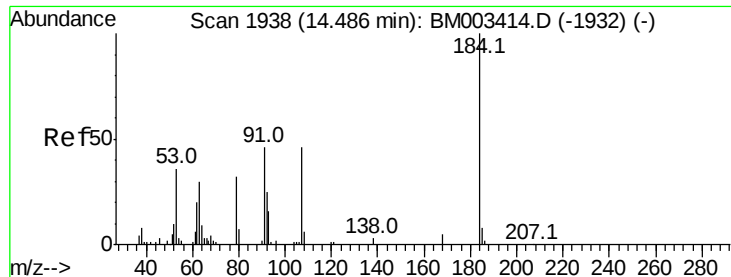
Tot Ion:172 Resp: 2181548
Ion Ratio Lower Upper
172 100
171 34.7 28.5 42.7
170 22.7 18.8 28.2



#49
Dimethylphthalate
Concen: 2.32 ng
RT: 13.94 min Scan# 1845
Delta R.T. -0.02 min
Lab File: BM009485.D
Acq: 31 Mar 2017 21:58

Tgt Ion:163 Resp: 47416
Ion Ratio Lower Upper
163 100
194 5.7 2.7 4.1#
164 9.7 8.2 12.2

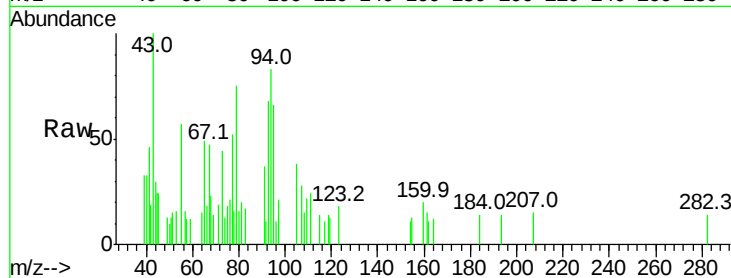




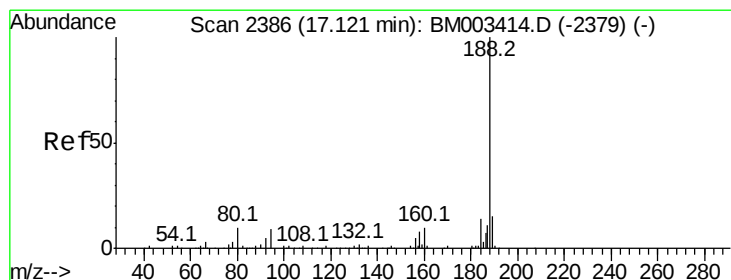
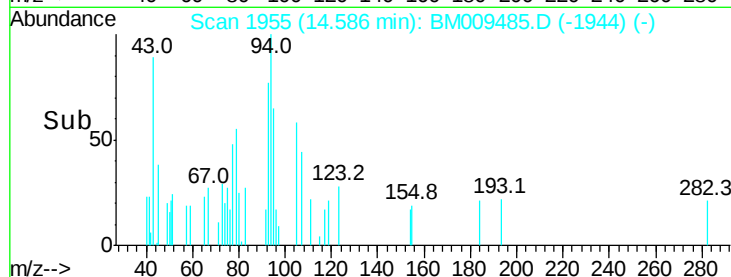
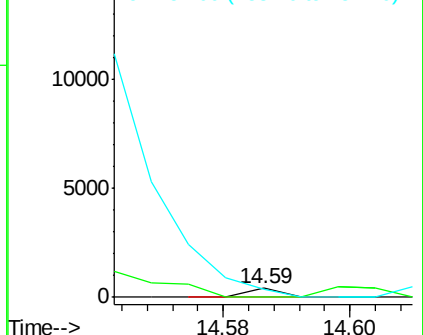
#53
2,4-Dinitrophenol
Concen: 5.51 ng
RT: 14.59 min Scan# 1955
Delta R.T. -0.04 min
Lab File: BM009485.D
Acq: 31 Mar 2017 21:58

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW25D-GW

Tot Ion:184 Resp: 146
Ion Ratio Lower Upper
184 100
63 0.0 69.2 103.8#
154 83.1 53.3 79.9#

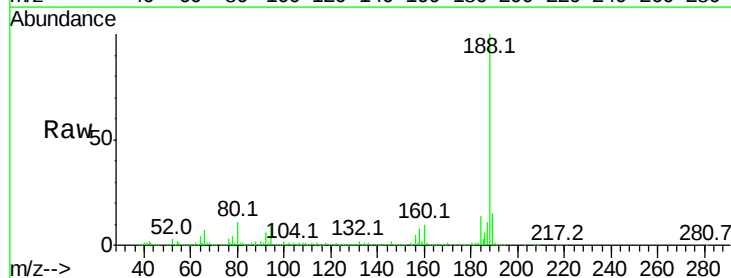


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

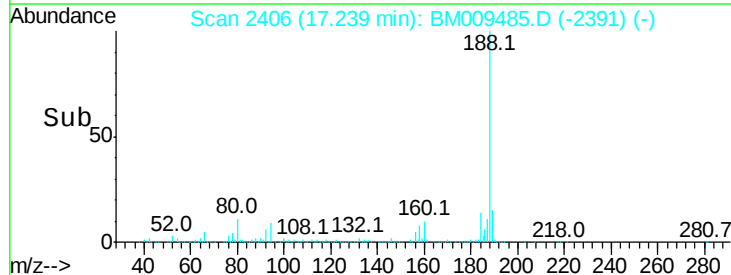
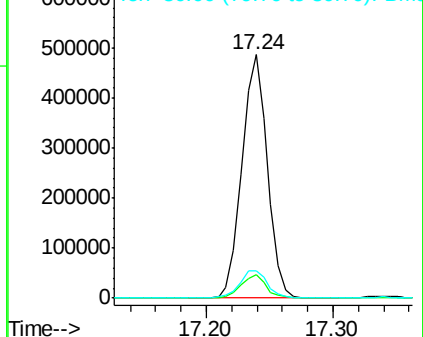


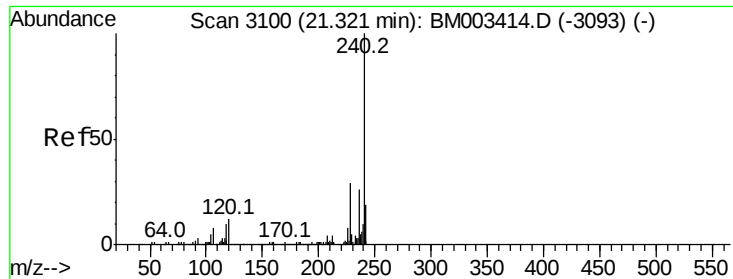
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.24 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BM009485.D
Acq: 31 Mar 2017 21:58

Tgt Ion:188 Resp: 671987
Ion Ratio Lower Upper
188 100
94 9.5 8.7 13.1
80 11.2 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009485.D

Acq: 31 Mar 2017 21:58

Instrument :

BNA_M

ClientSampleId :

QNWP8-MW25D-GW

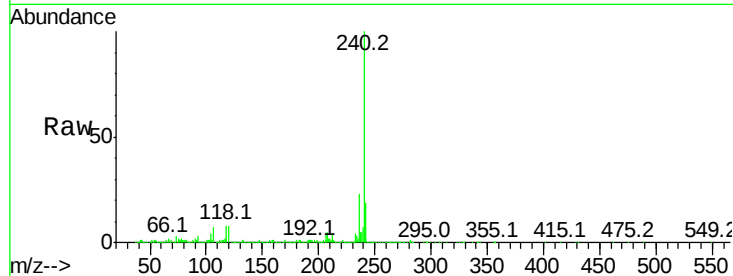
Tot Ion:240 Resp: 944353

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2#

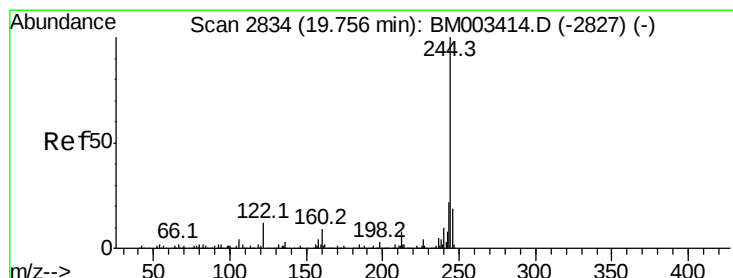
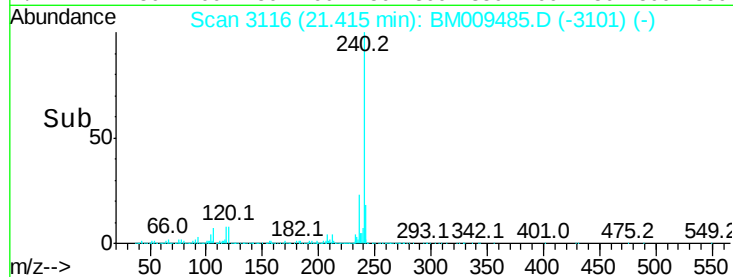
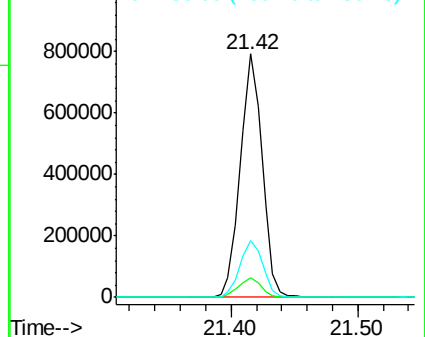
236 23.1 20.0 30.0



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: 64.13 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009485.D

Acq: 31 Mar 2017 21:58

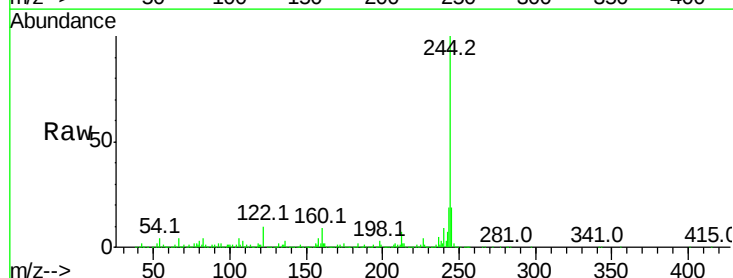
Tgt Ion:244 Resp: 2898286

Ion Ratio Lower Upper

244 100

212 7.4 4.9 7.3#

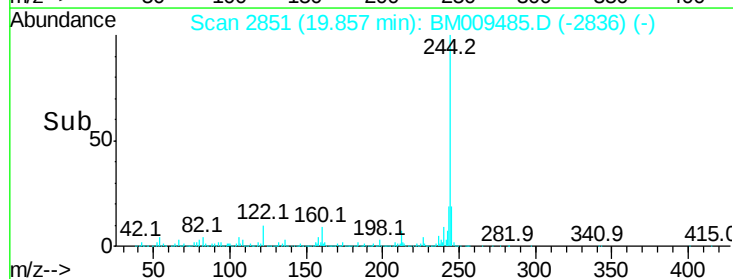
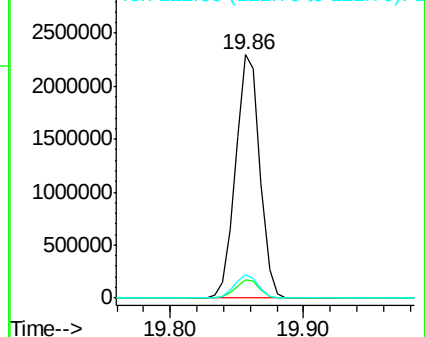
122 9.7 6.2 9.4#

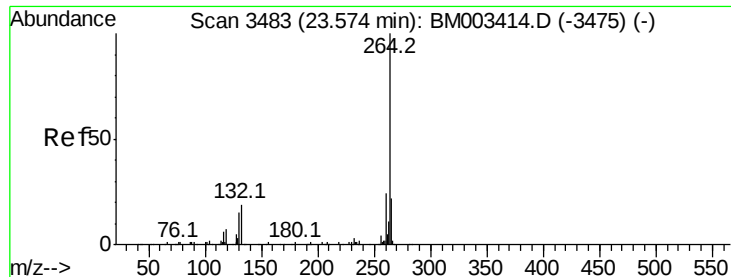


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM009485.D
Acq: 31 Mar 2017 21:58

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW25D-GW

Tot Ion:264 Resp: 875672

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.6	27.8
265	20.6	17.3	25.9

