

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009973.D
 Acq On : 10 May 2017 16:33
 Operator : SJ/MA
 Sample : I3058-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 10 18:30:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 14:52:12 2017
 Response via : Initial Calibration

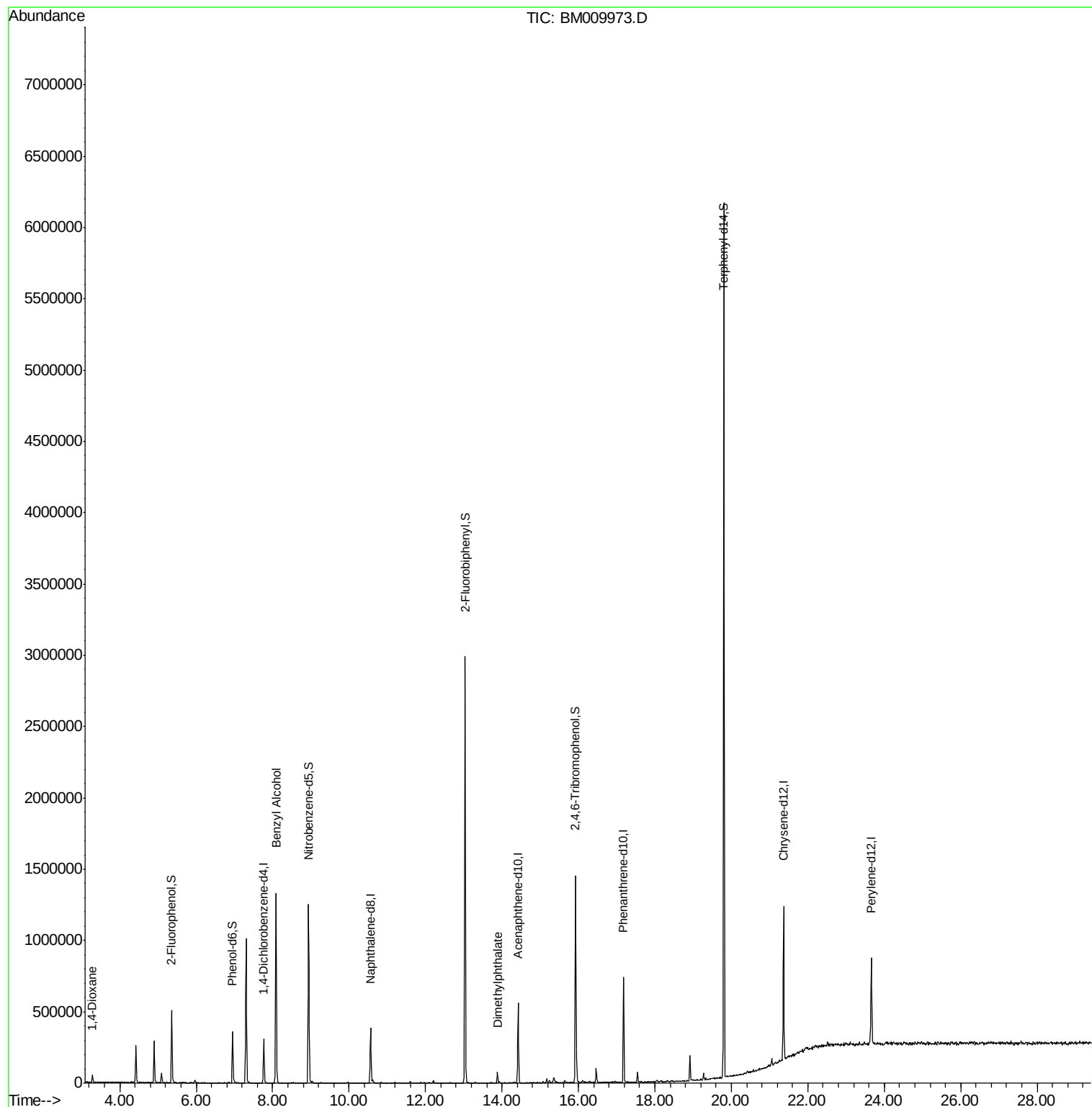
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	61935	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	261478	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	150202	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	372611	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	474603	20.00	ng	-0.02
86) Perylene-d12	23.66	264	420190	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	171253	44.02	ng	-0.01
7) Phenol-d6	6.95	99	169341	28.40	ng	-0.02
23) Nitrobenzene-d5	8.94	82	747924	103.51	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	176275	85.93	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1203518	104.40	ng	-0.02
78) Terphenyl-d14	19.80	244	2062731	89.16	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	22975	15.38	ng	# 100
15) Benzyl Alcohol	8.08	79	11111	2.01	ng	# 49
49) Dimethylphthalate	13.89	163	39105	2.73	ng	# 96

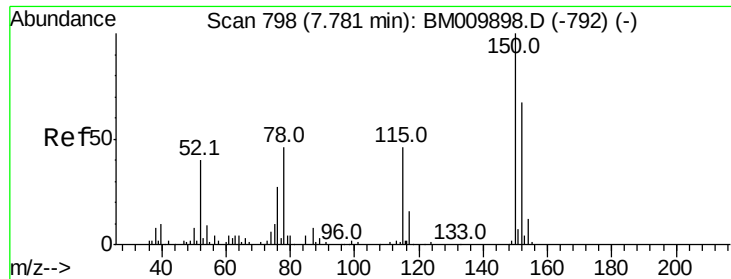
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

Instrument :

BNA_M

ClientSampleId :

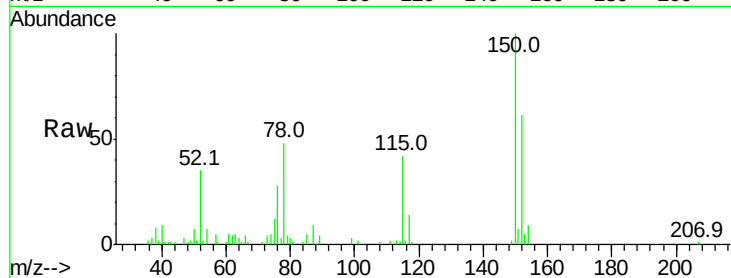
Tot Ion:152 Resp: 61935

Ion Ratio Lower Upper

152 100

150 162.9 119.5 179.3

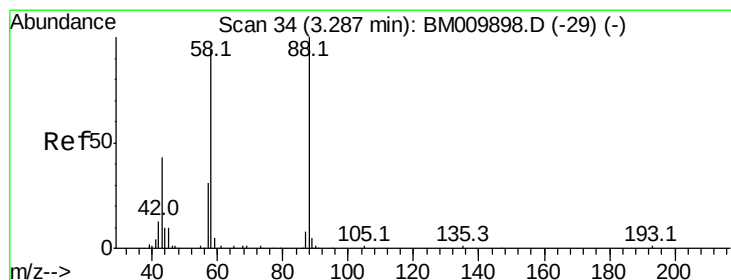
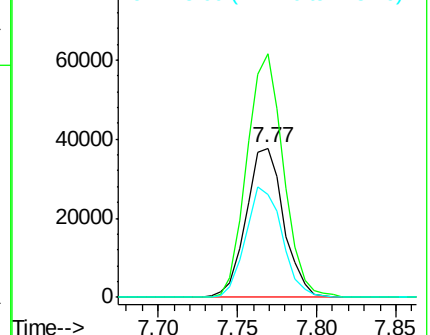
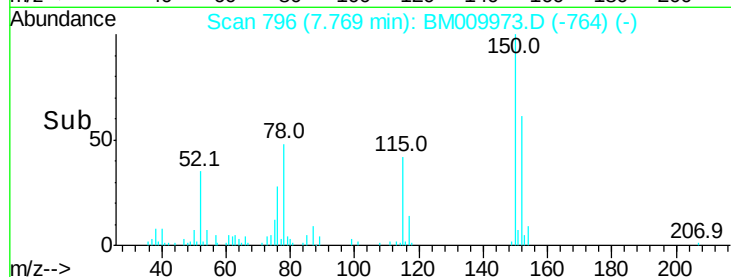
115 68.7 43.0 64.4#



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



#2

1,4-Dioxane

Concen: 15.38 ng

RT: 3.28 min Scan# 33

Delta R.T. -0.01 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

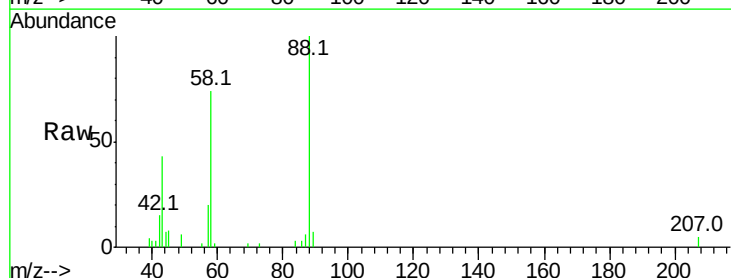
Tgt Ion: 88 Resp: 22975

Ion Ratio Lower Upper

88 100

58 76.2 0.0 0.0#

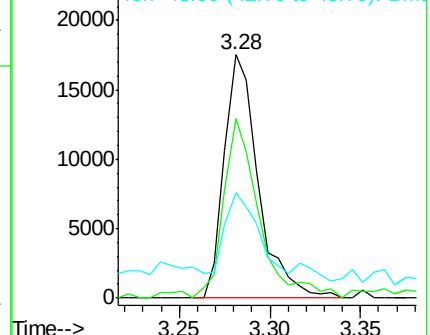
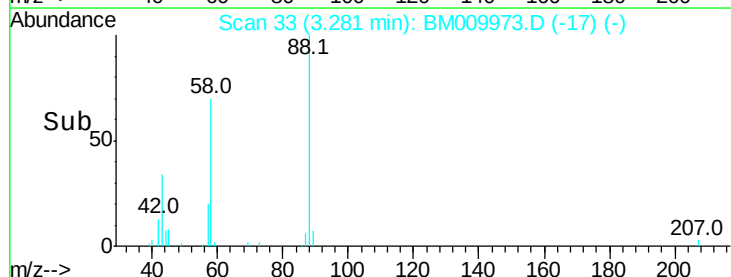
43 37.0 0.0 0.0#

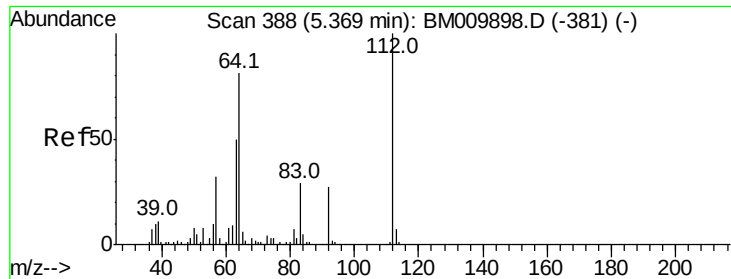


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 44.02 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

Instrument :

BNA_M

ClientSampleId :

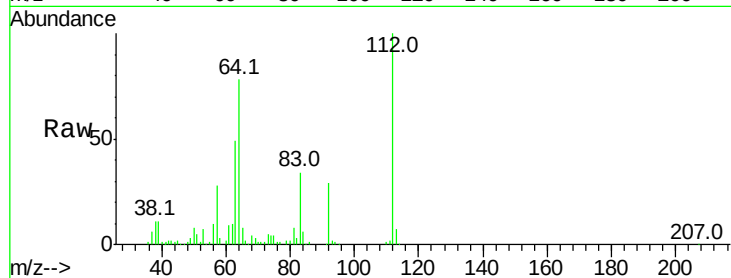
Tot Ion:112 Resp: 171253

Ion Ratio Lower Upper

112 100

64 78.4 38.6 57.8#

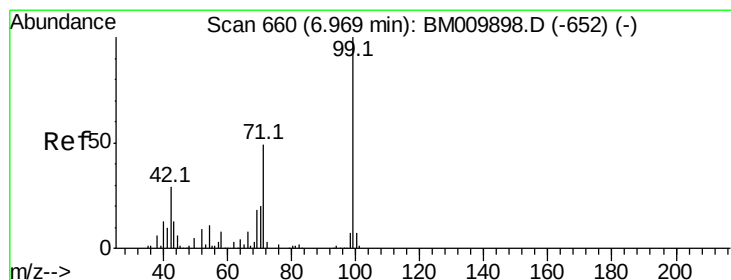
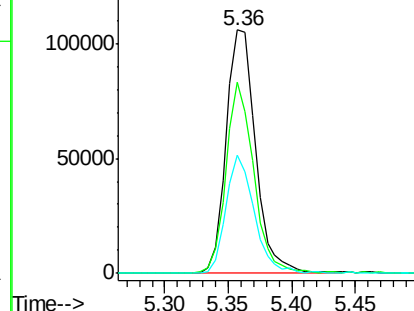
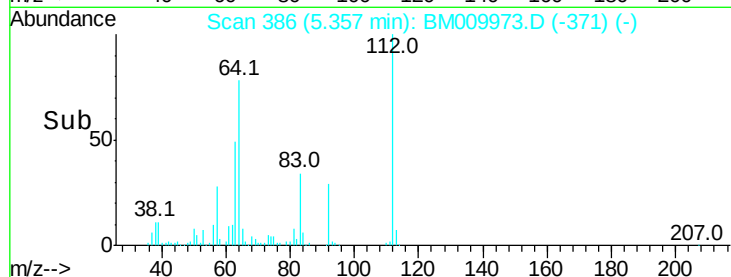
63 48.6 19.3 28.9#



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: 28.40 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

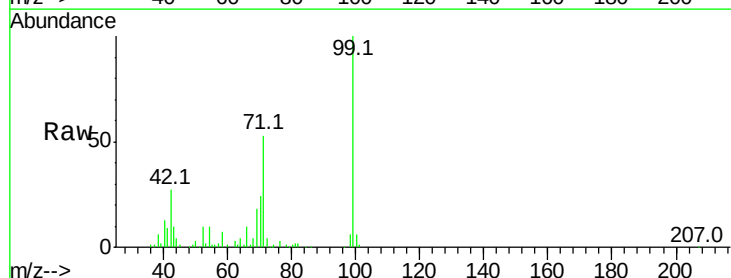
Tgt Ion: 99 Resp: 169341

Ion Ratio Lower Upper

99 100

42 27.3 11.0 16.4#

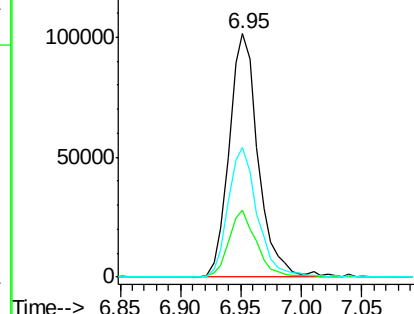
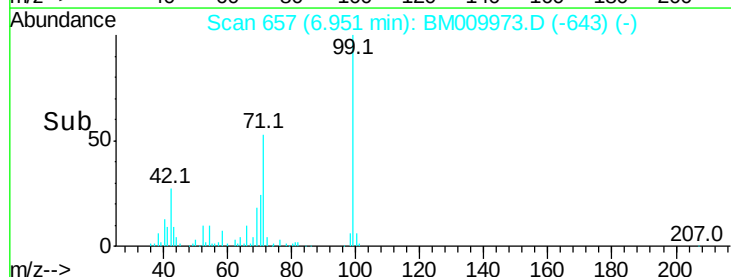
71 53.0 23.4 35.2#

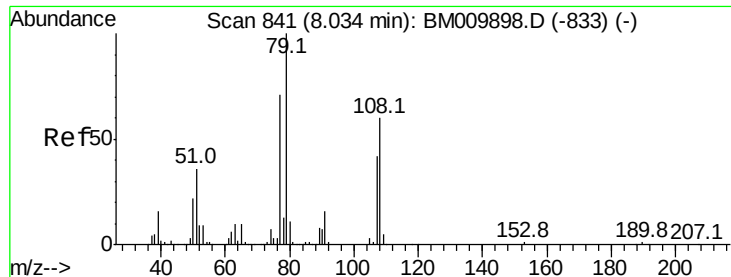


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#15

Benzyl Alcohol

Concen: 2.01 ng

RT: 8.08 min Scan# 849

Delta R.T. 0.05 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

Instrument :

BNA_M

ClientSampled :

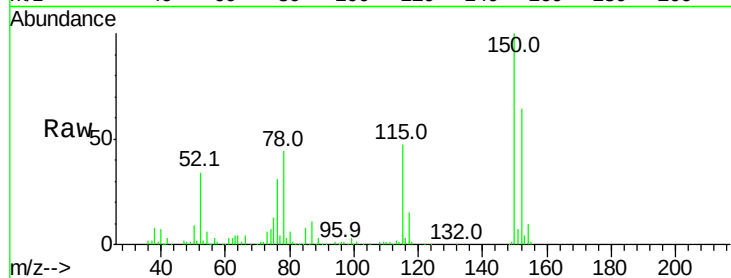
Tot Ion: 79 Resp: 11111

Ion Ratio Lower Upper

79 100

108 47.2 65.0 97.4#

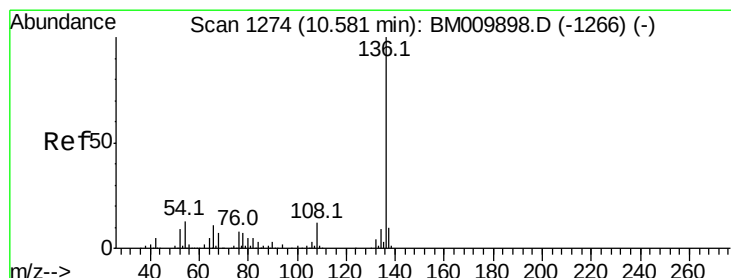
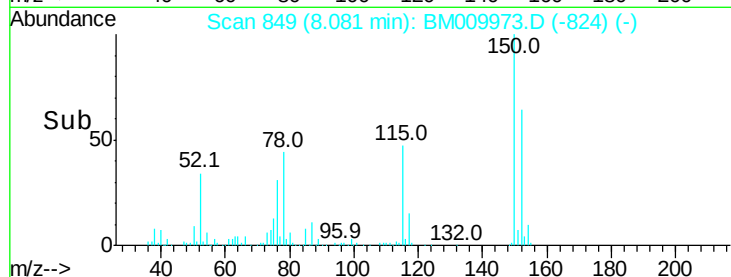
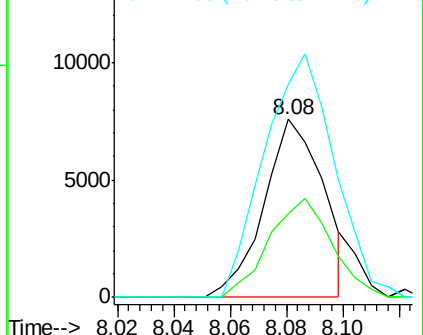
77 120.1 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM009898.D (-833) (-)

Ion 108.00 (107.70 to 108.70): BM009898.D (-833) (-)

Ion 77.00 (76.70 to 77.70): BM009898.D (-833) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

Tgt Ion: 136 Resp: 261478

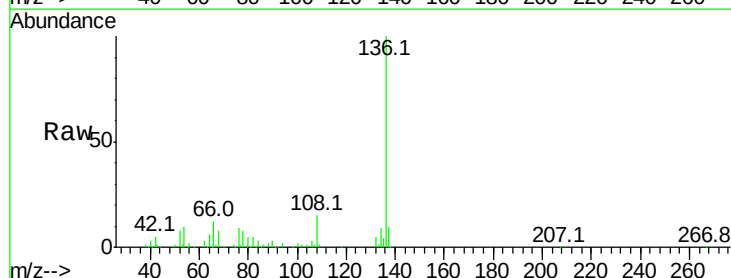
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 10.2 4.6 6.8#

68 7.6 3.7 5.5#

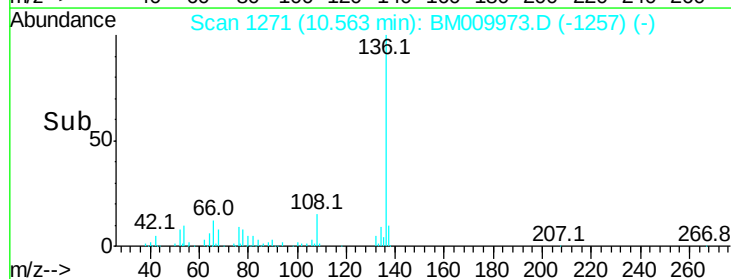
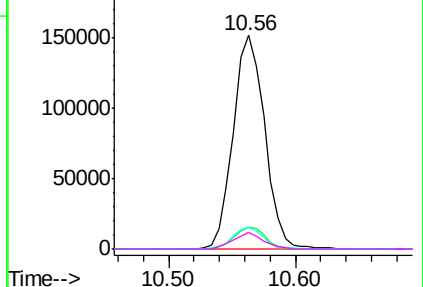


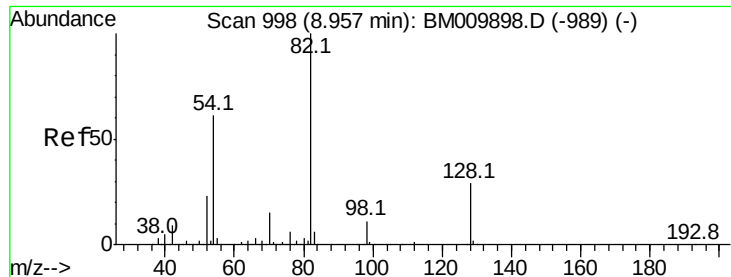
Abundance Ion 136.00 (135.70 to 136.70): BM009898.D (-1266) (-)

Ion 137.00 (136.70 to 137.70): BM009898.D (-1266) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-1266) (-)

Ion 68.00 (67.70 to 68.70): BM009898.D (-1266) (-)

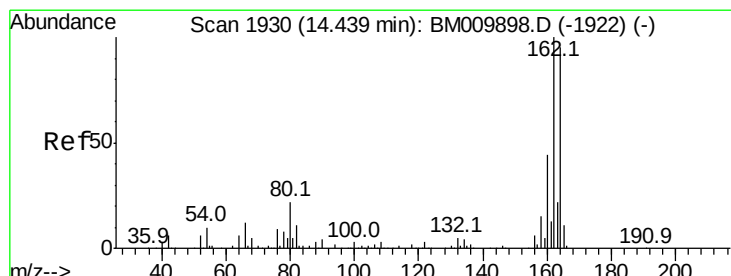
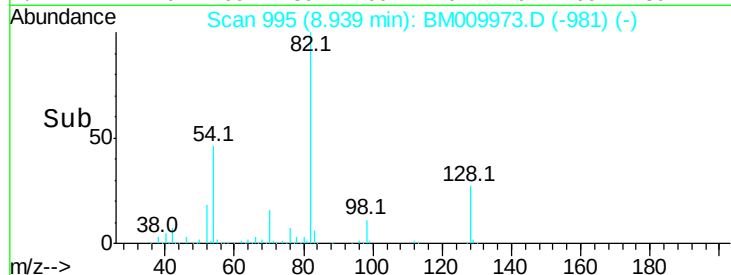
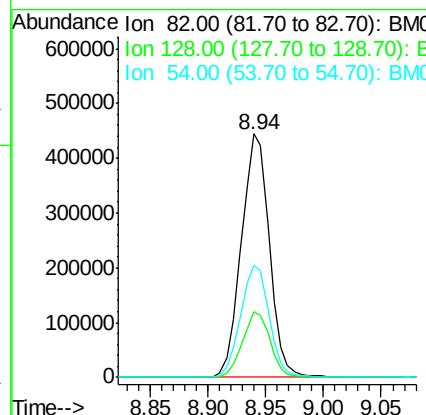
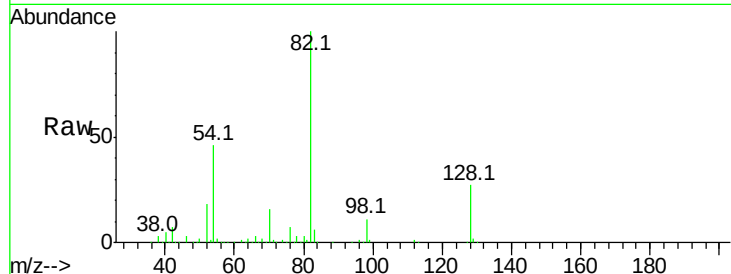




#23
 Nitrobenzene-d5
 Concen: 103.51 ng
 RT: 8.94 min Scan# 995
 Delta R.T. -0.02 min
 Lab File: BM009973.D
 Acq: 10 May 2017 16:33

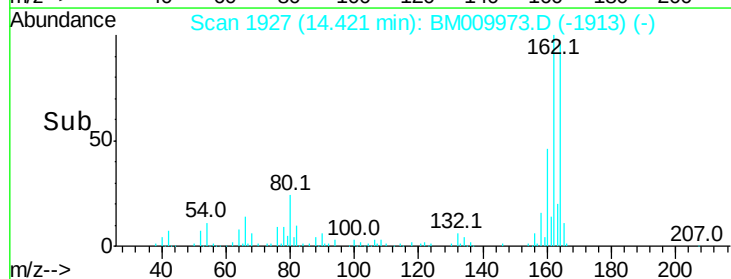
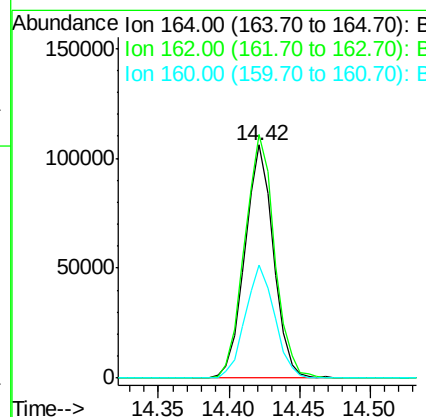
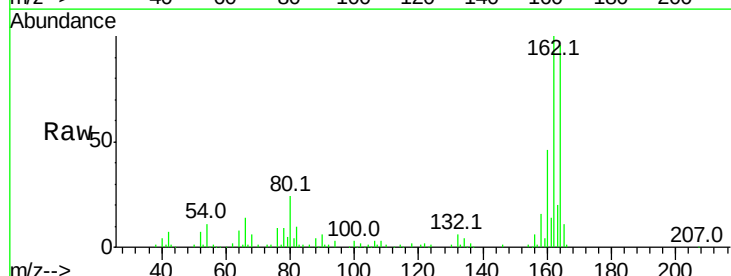
Instrument :
 BNA_M
 ClientSampleId :

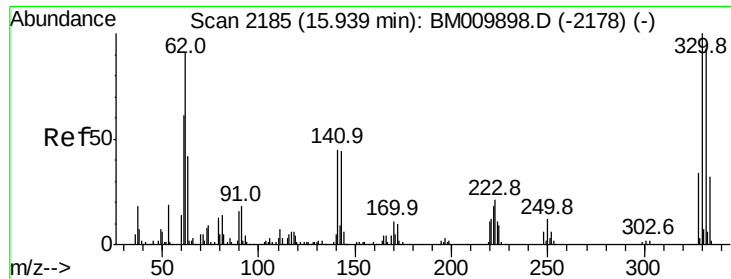
Tot Ion	Ratio	Lower	Upper
82	100		
128	27.2	32.8	49.2#
54	45.7	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1927
 Delta R.T. -0.02 min
 Lab File: BM009973.D
 Acq: 10 May 2017 16:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.4	123.6
160	48.4	35.8	53.6

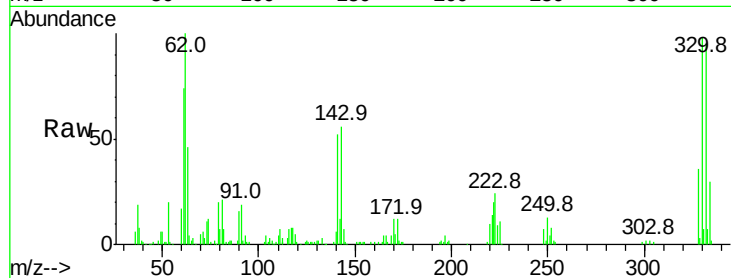




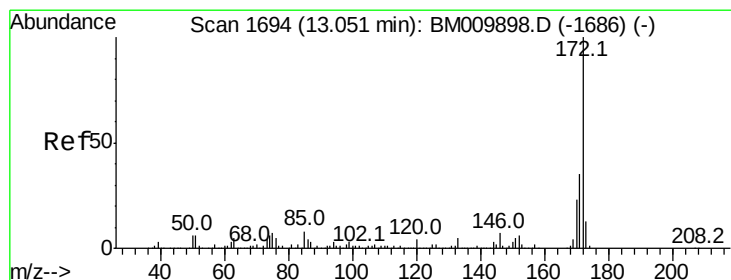
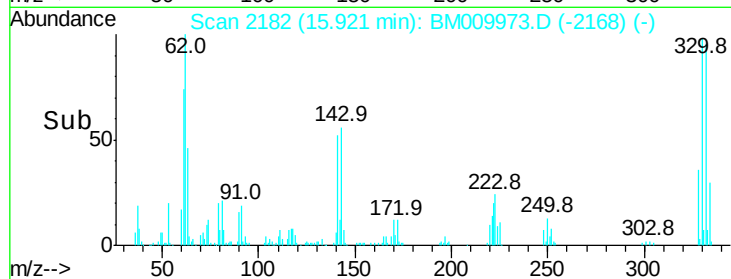
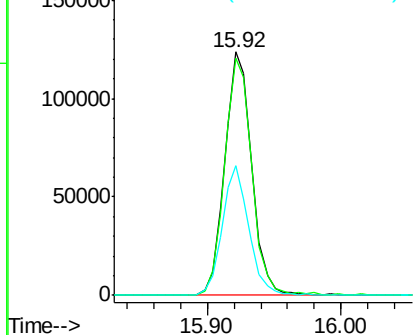
#41
 2,4,6-Tribromophenol
 Concen: 85.93 ng
 RT: 15.92 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BM009973.D
 Acq: 10 May 2017 16:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:330 Resp: 176275
 Ion Ratio Lower Upper
 330 100
 332 98.3 0.0 0.0#
 141 52.1 0.0 0.0#

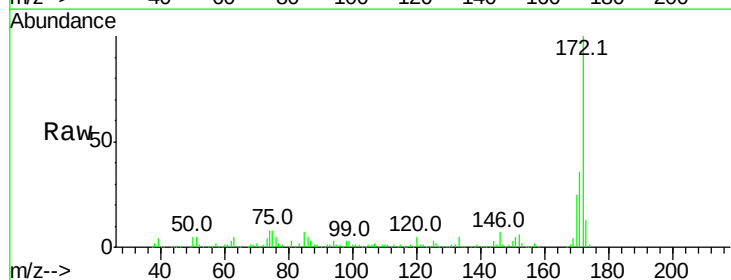


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

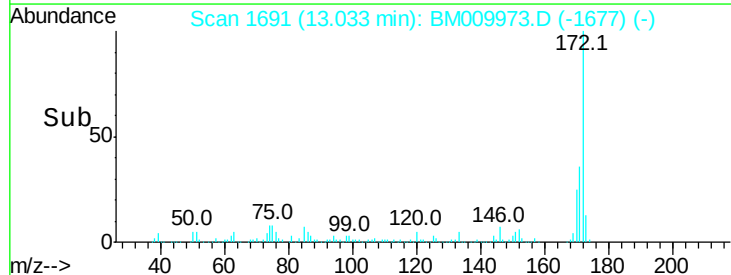
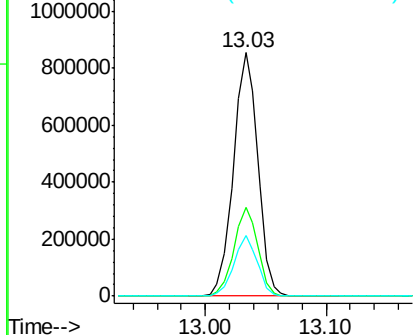


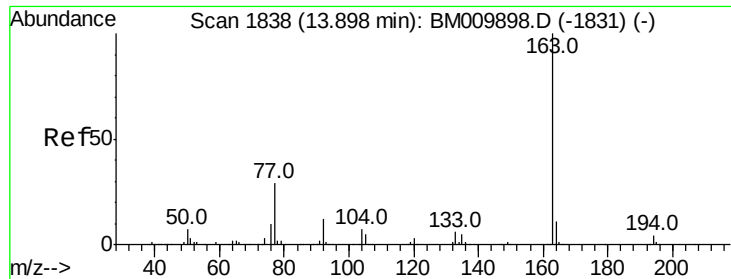
#44
 2-Fluorobiphenyl
 Concen: 104.40 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BM009973.D
 Acq: 10 May 2017 16:33

Tgt Ion:172 Resp: 1203518
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.5 42.7
 170 24.7 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





#49

Dimethylphthalate

Concen: 2.73 ng

RT: 13.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

Instrument :

BNA_M

ClientSampleId :

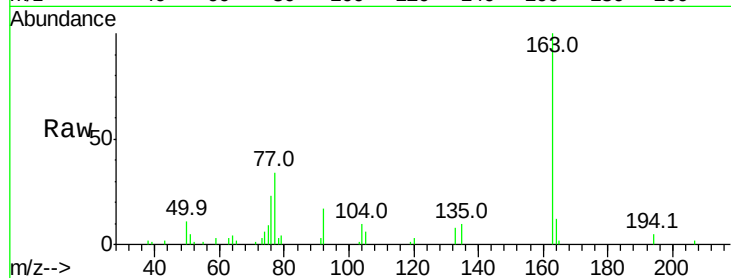
Tot Ion:163 Resp: 39105

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

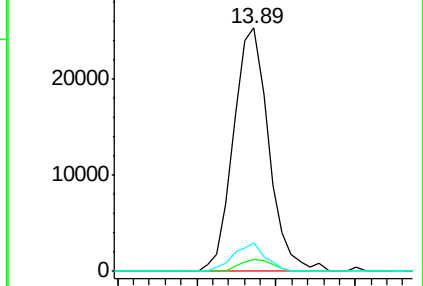
164 11.6 8.2 12.2



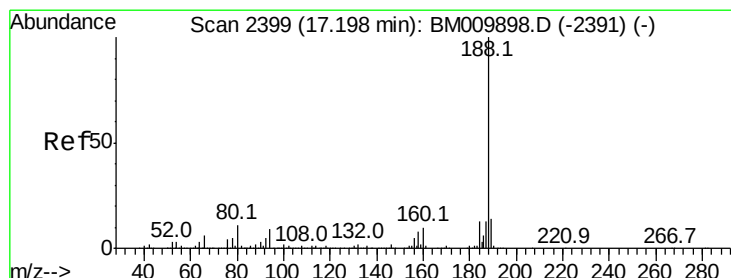
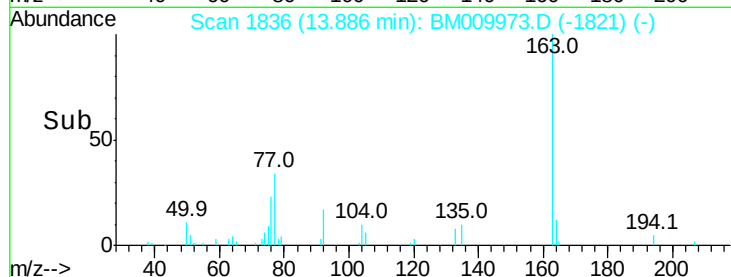
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 13.80 13.85 13.90 13.95



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2396

Delta R.T. -0.02 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

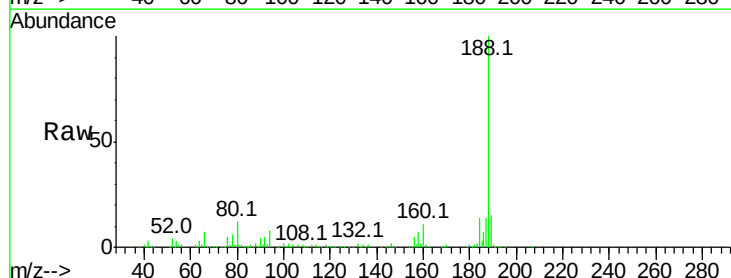
Tgt Ion:188 Resp: 372611

Ion Ratio Lower Upper

188 100

94 8.4 8.7 13.1#

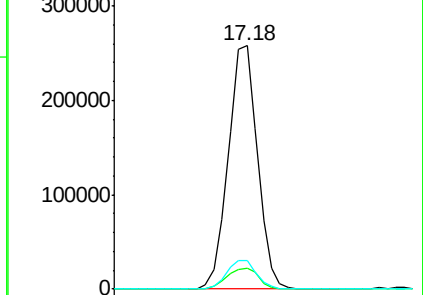
80 11.9 9.3 13.9



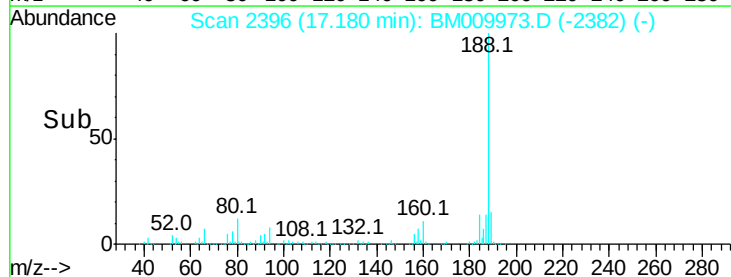
Abundance Ion 188.00 (187.70 to 188.70): E

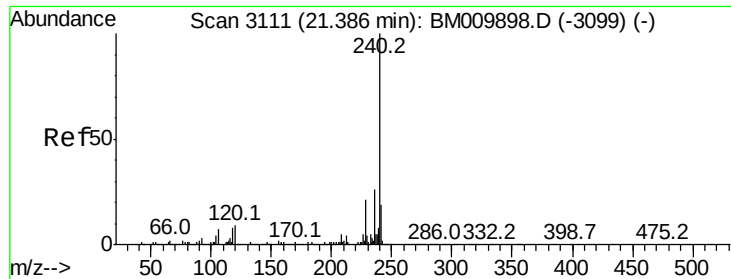
Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



Time--> 17.10 17.15 17.20 17.25





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

Instrument :

BNA_M

ClientSampleId :

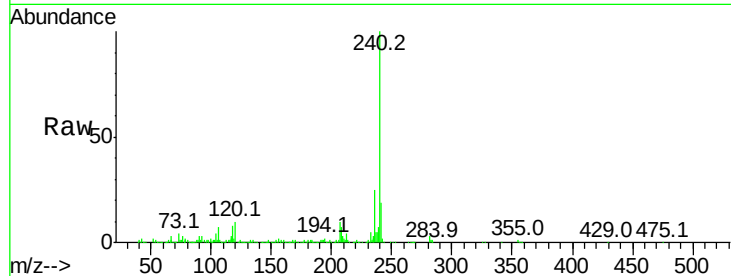
Tot Ion:240 Resp: 474603

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

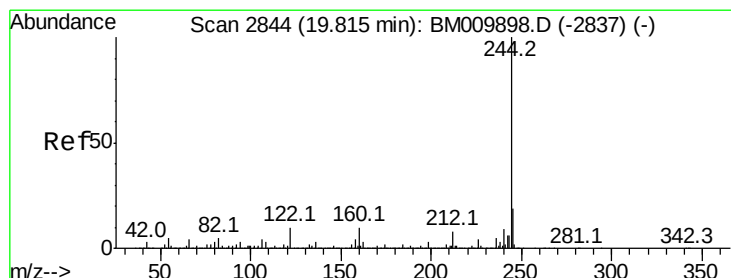
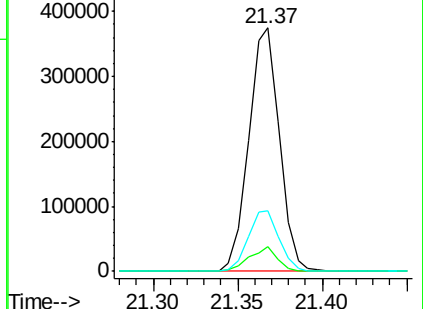
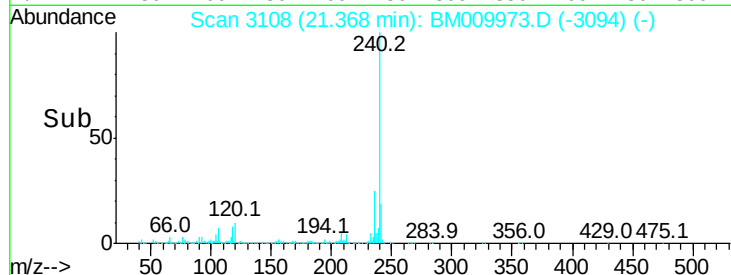
236 25.0 20.0 30.0



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: 89.16 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

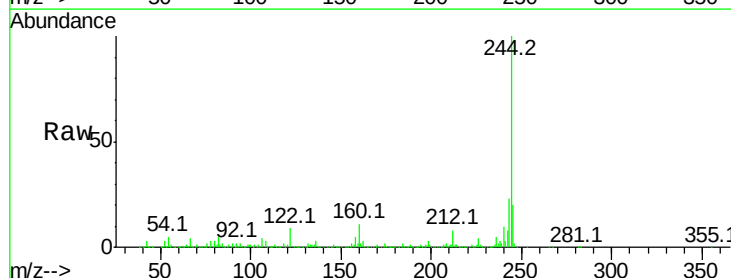
Tgt Ion:244 Resp: 2062731

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

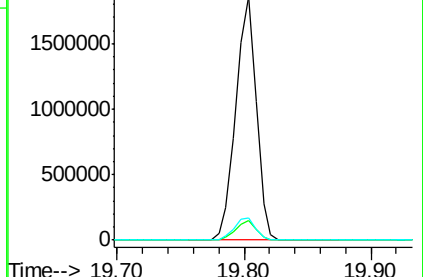
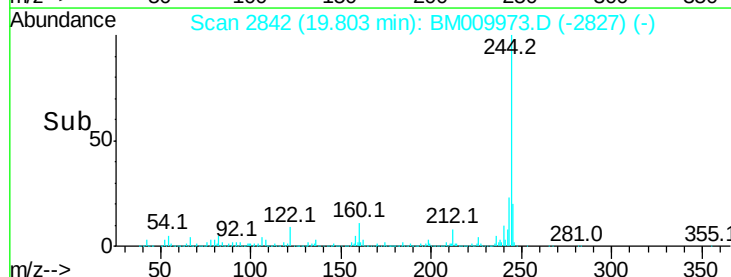
122 9.1 6.2 9.4

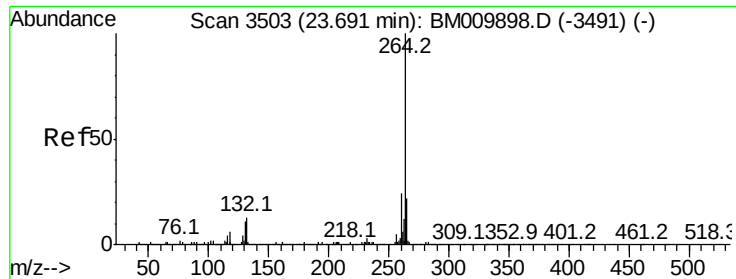


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.66 min Scan# 3498
 Delta R.T. -0.03 min
 Lab File: BM009973.D
 Acq: 10 May 2017 16:33

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.6	27.8
265	21.5	17.3	25.9

