

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 :
 LF001MW003-170508

Quant Time: May 10 18:33:07 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

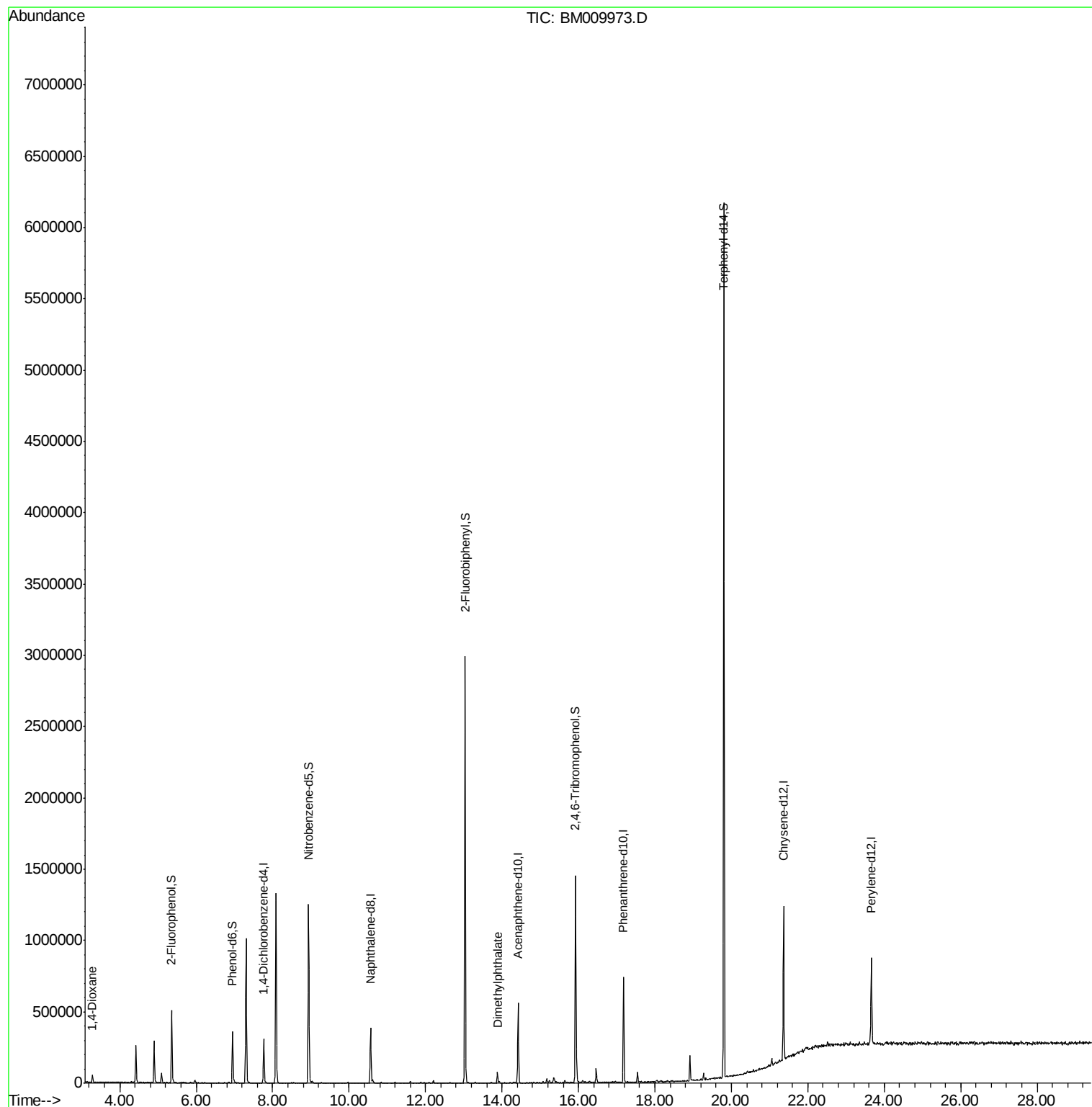
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	61935	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	261478	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	150202	20.00	ng	-0.02
63) Phenanthrene-d10	17.18	188	372611	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	474603	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
49) Dimethylphthalate	13.89	163	39105	2.73	ng	# 96

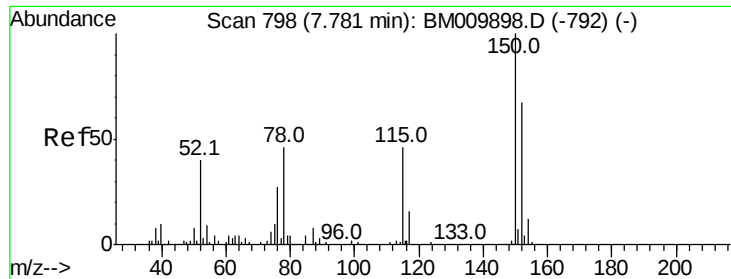
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

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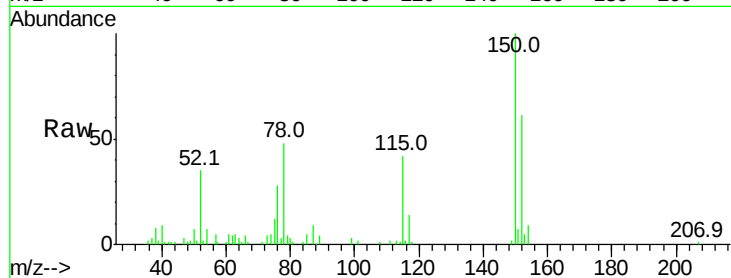
Tot Ion:152 Resp: 61935

Ion Ratio Lower Upper

152 100

150 162.9 119.5 179.3

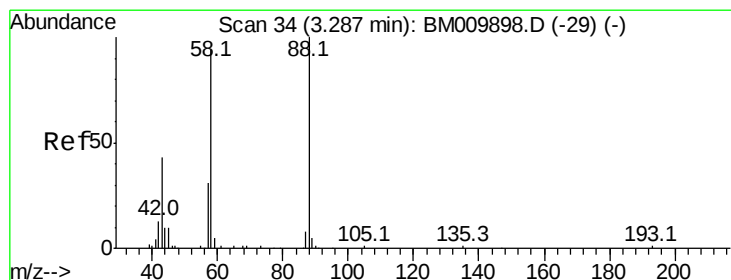
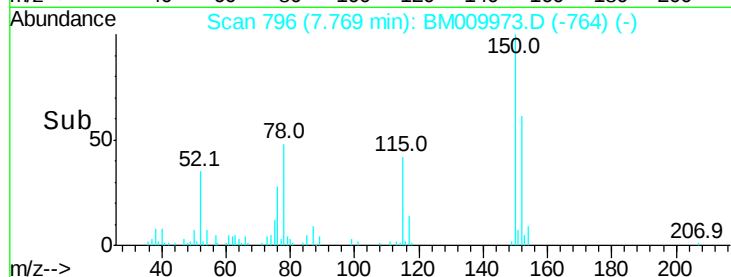
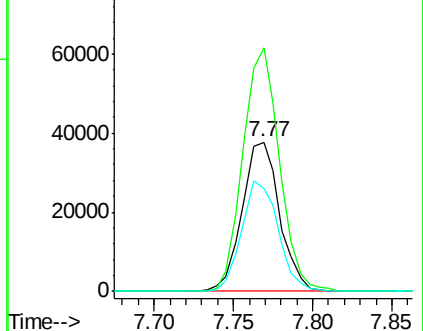
115 68.7 43.0 64.4#



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

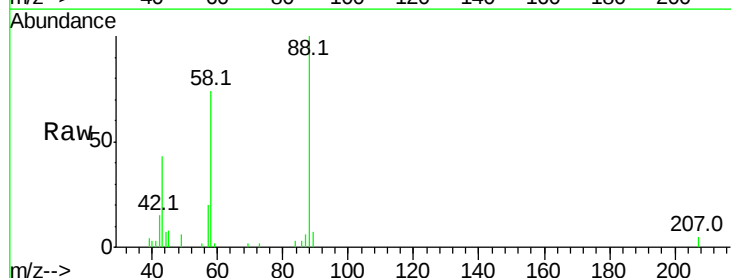
Tgt Ion: 88 Resp: 22975

Ion Ratio Lower Upper

88 100

58 76.2 0.0 0.0#

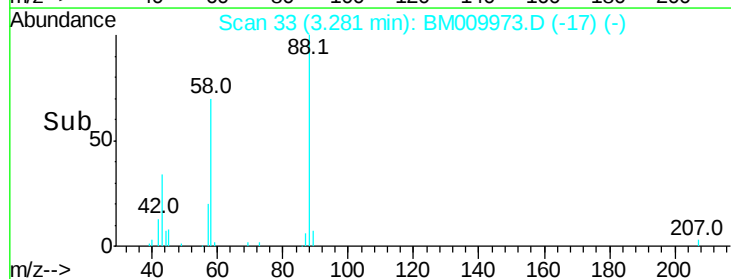
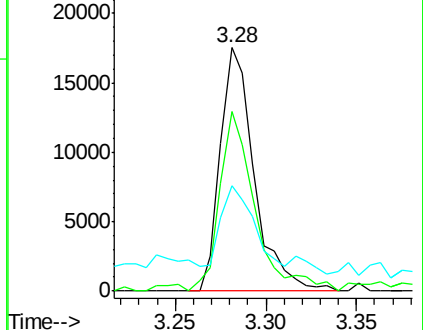
43 37.0 0.0 0.0#

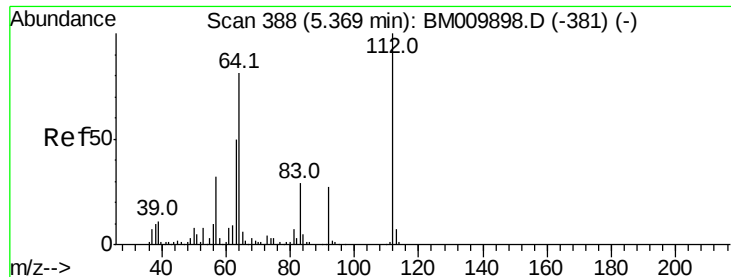


Abundance Ion 88.00 (87.70 to 88.70): BM0

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

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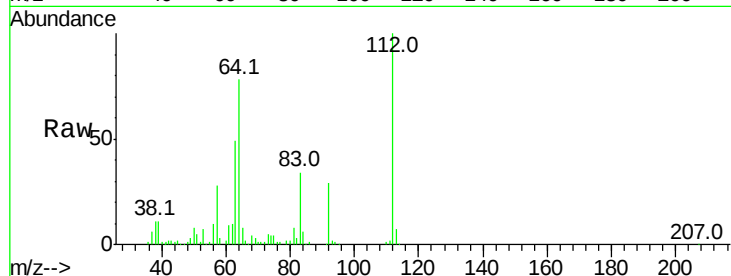
Tot Ion:112 Resp: 171253

Ion Ratio Lower Upper

112 100

64 78.4 38.6 57.8#

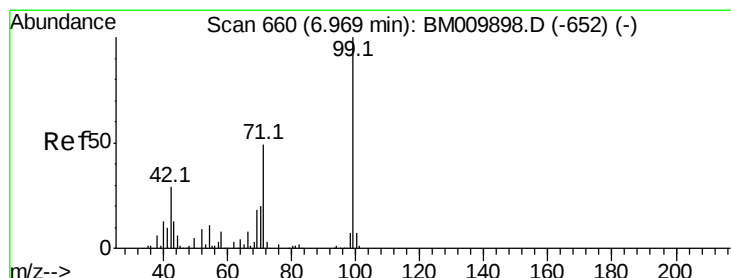
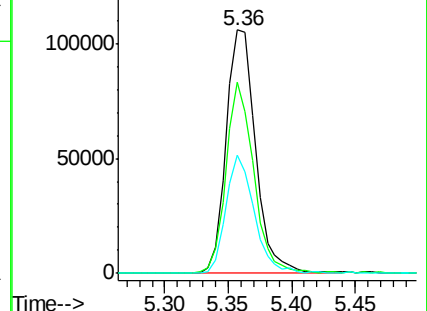
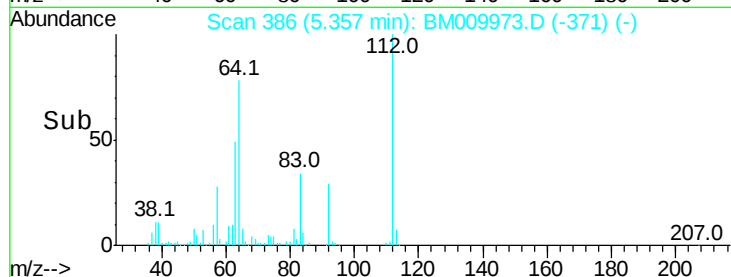
63 48.6 19.3 28.9#



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

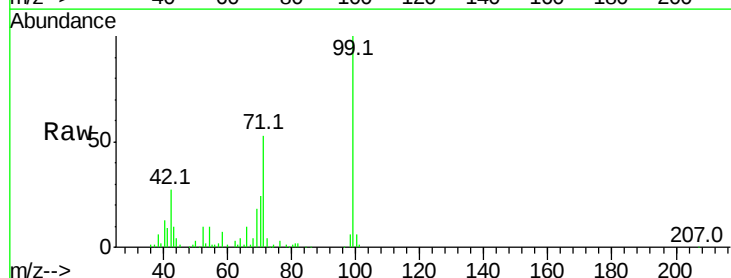
Tgt Ion: 99 Resp: 169341

Ion Ratio Lower Upper

99 100

42 27.3 11.0 16.4#

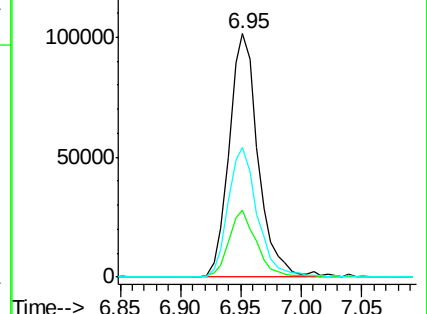
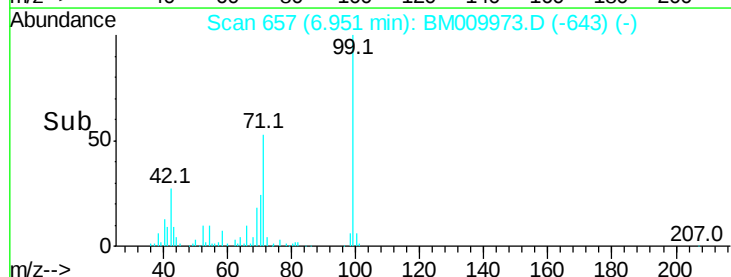
71 53.0 23.4 35.2#

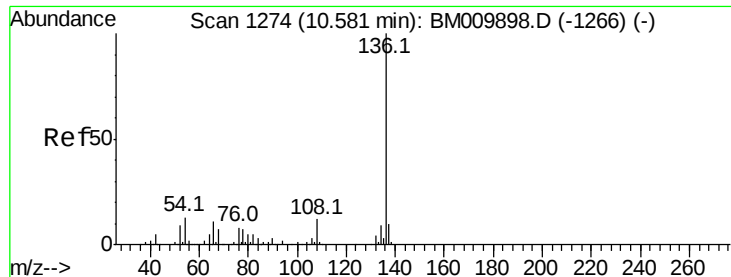


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#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

Instrument :

BNA_M

ClientSampleId :

LF001MW003-170508

Tot Ion:136 Resp: 261478

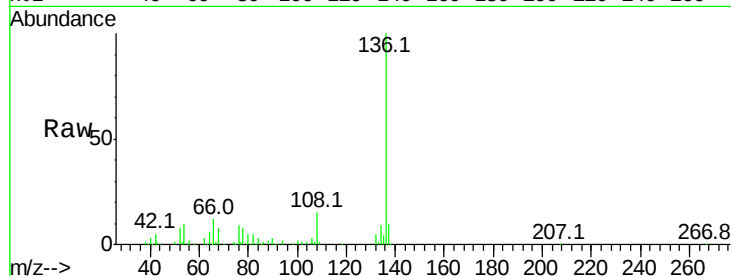
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 10.2 4.6 6.8#

68 7.6 3.7 5.5#

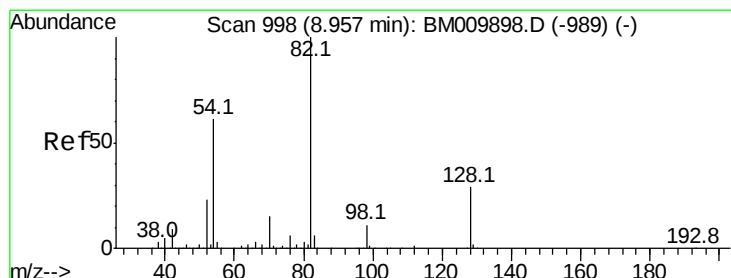
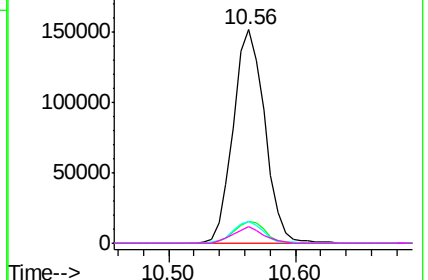
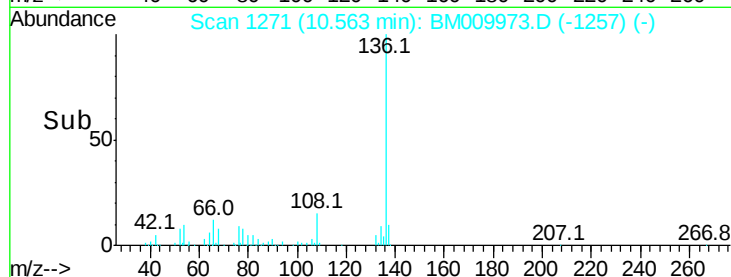


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

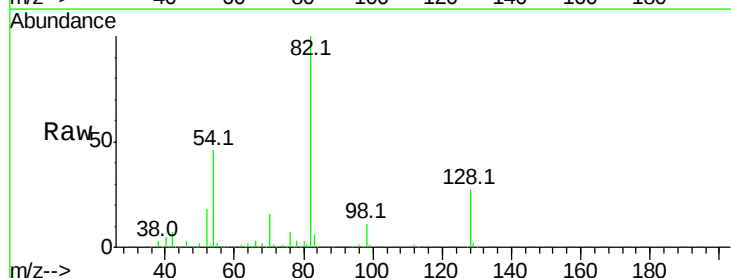
Tgt Ion: 82 Resp: 747924

Ion Ratio Lower Upper

82 100

128 27.2 32.8 49.2#

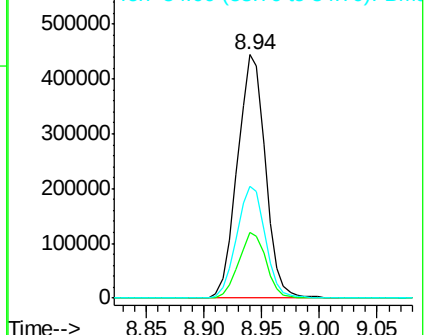
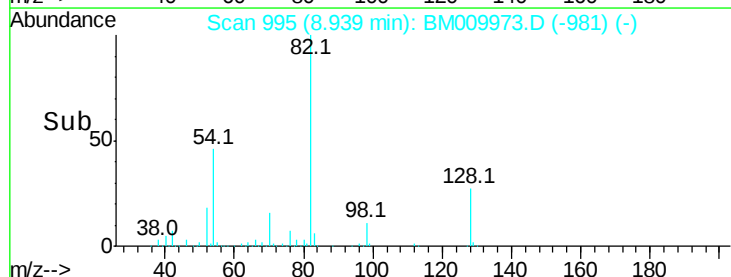
54 45.7 40.6 60.8

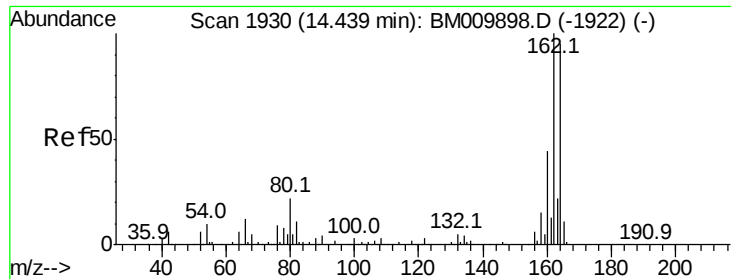


Abundance Ion 82.00 (81.70 to 82.70): BM

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: 14.42 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BM009973.D

Acq: 10 May 2017 16:33

Instrument :

BNA_M

ClientSampleId :

LF001MW003-170508

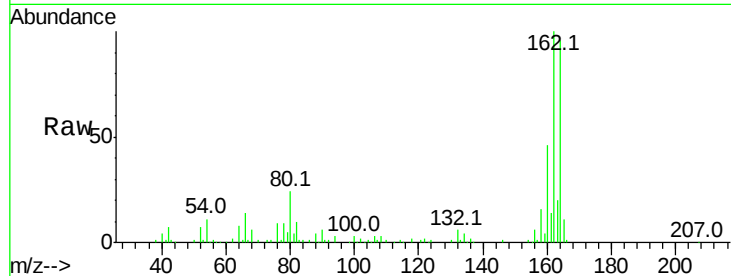
Tot Ion:164 Resp: 150202

Ion Ratio Lower Upper

164 100

162 104.5 82.4 123.6

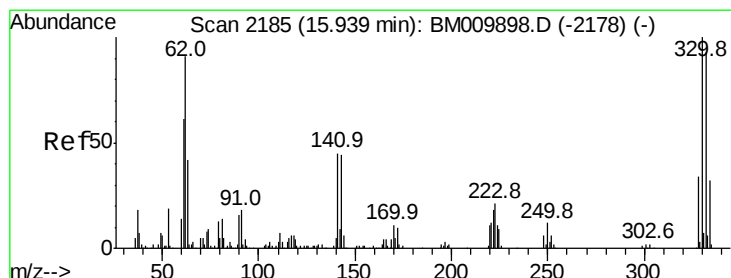
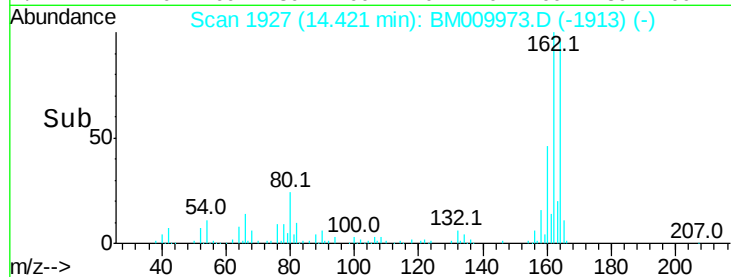
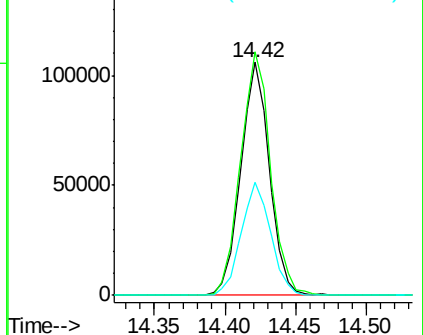
160 48.4 35.8 53.6



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: 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

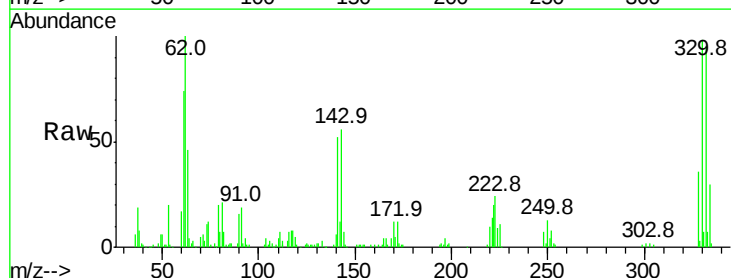
Tgt Ion:330 Resp: 176275

Ion Ratio Lower Upper

330 100

332 98.3 0.0 0.0#

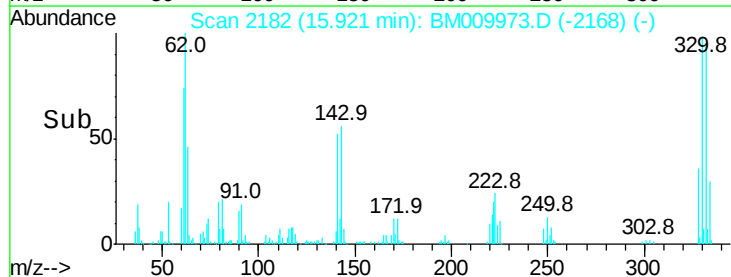
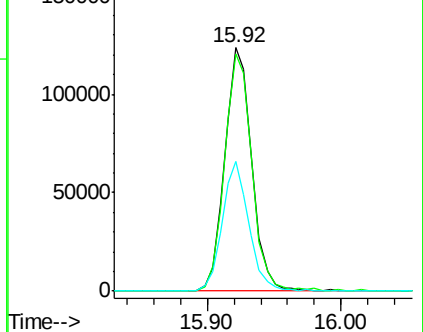
141 52.1 0.0 0.0#

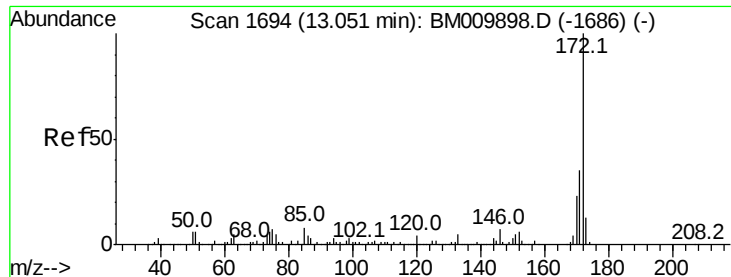


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

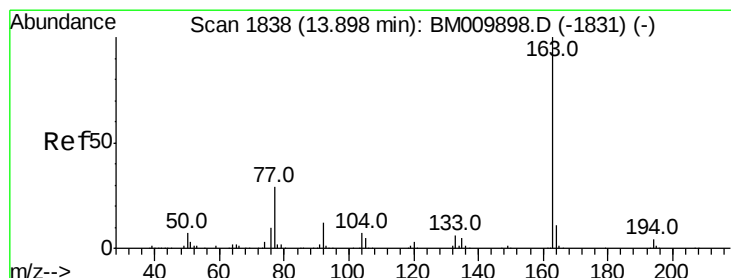
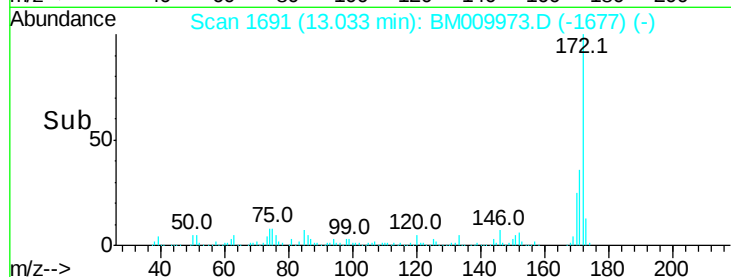
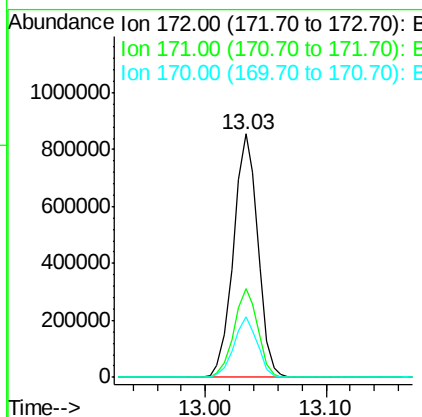
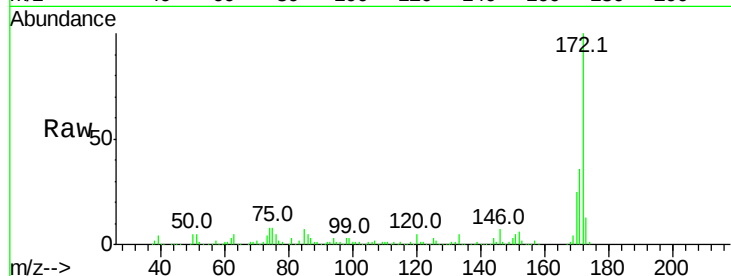




#44
2-Fluorobiphenyl
Concen: 104.40 ng
RT: 13.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM009973.D
Acq: 10 May 2017 16:33

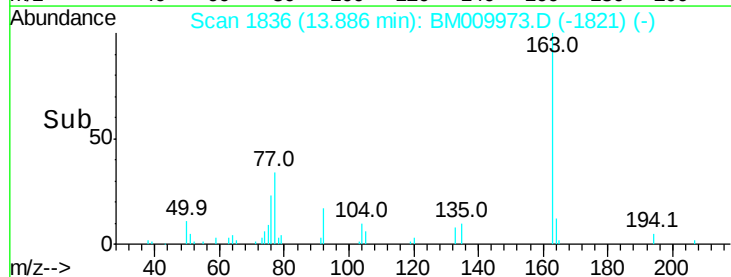
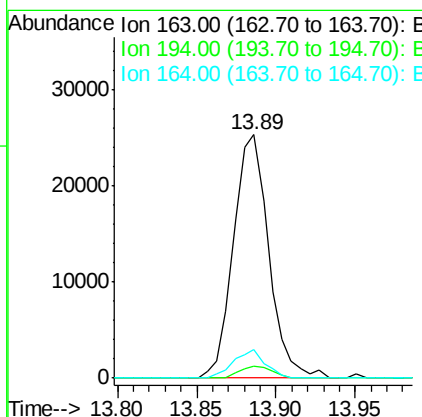
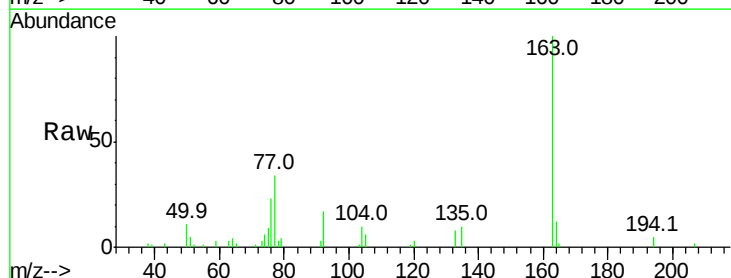
Instrument :
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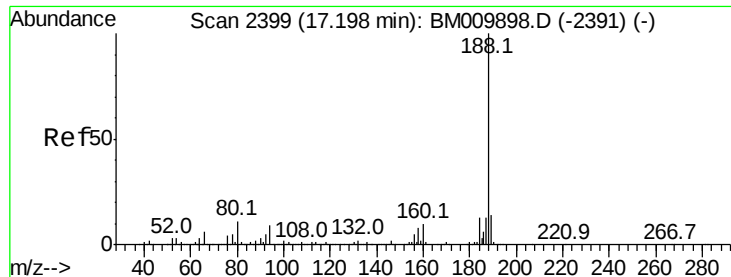
Tot Ion:172 Resp: 1203518
Ion Ratio Lower Upper
172 100
171 36.3 28.5 42.7
170 24.7 18.8 28.2



#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

Tgt Ion:163 Resp: 39105
Ion Ratio Lower Upper
163 100
194 4.7 2.7 4.1#
164 11.6 8.2 12.2





#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

Instrument :

BNA_M

ClientSampleId :

LF001MW003-170508

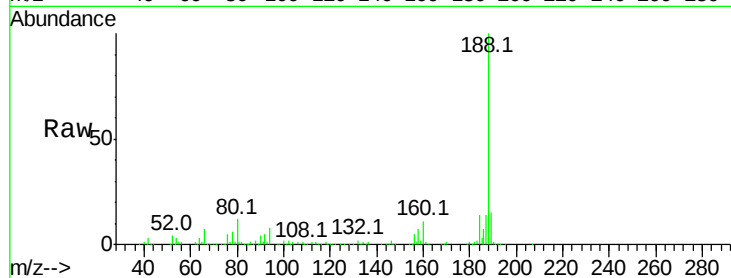
Tot Ion:188 Resp: 372611

Ion Ratio Lower Upper

188 100

94 8.4 8.7 13.1#

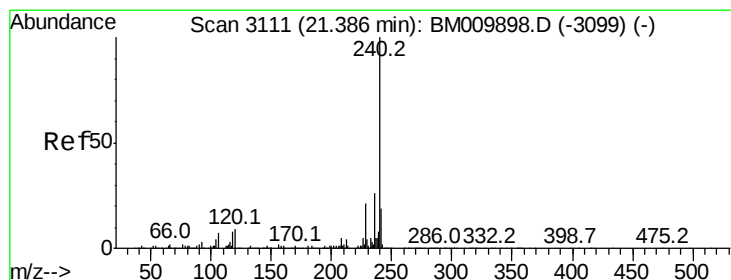
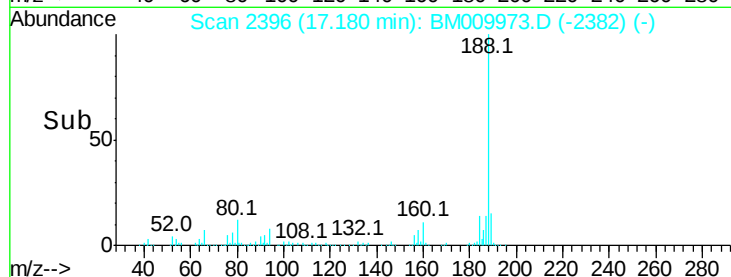
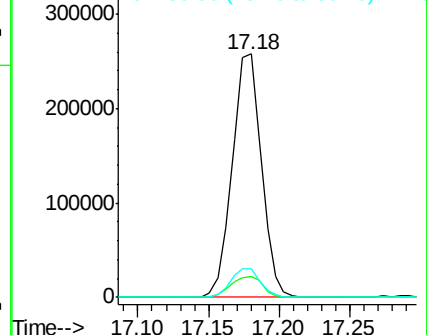
80 11.9 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#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

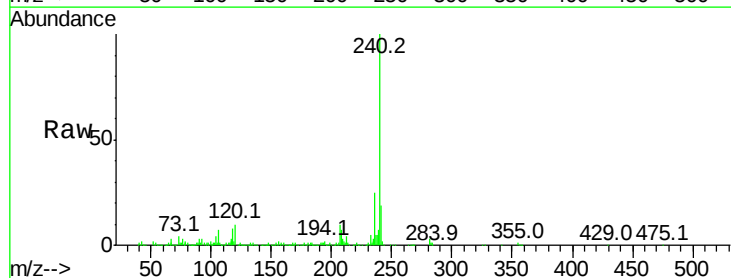
Tgt Ion:240 Resp: 474603

Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.2

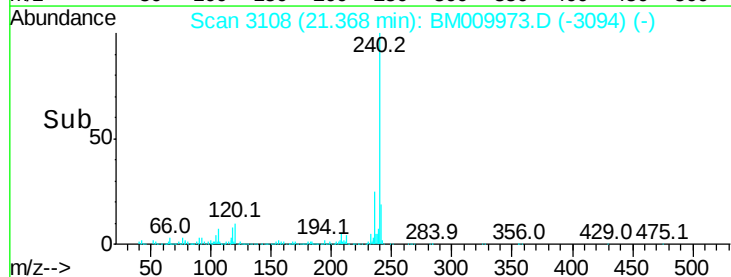
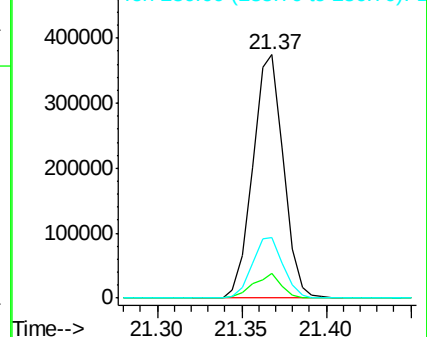
236 25.0 20.0 30.0

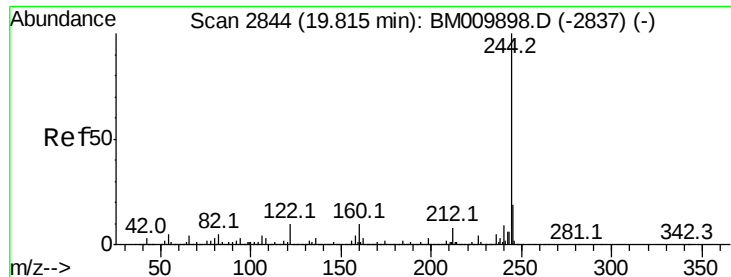


Abundance Ion 240.00 (239.70 to 240.70): E

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

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ClientSampleId :

LF001MW003-170508

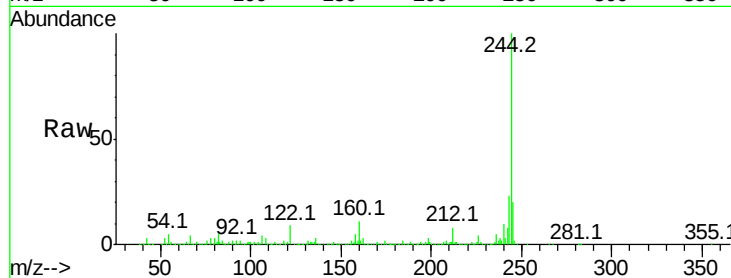
Tot Ion:244 Resp: 2062731

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

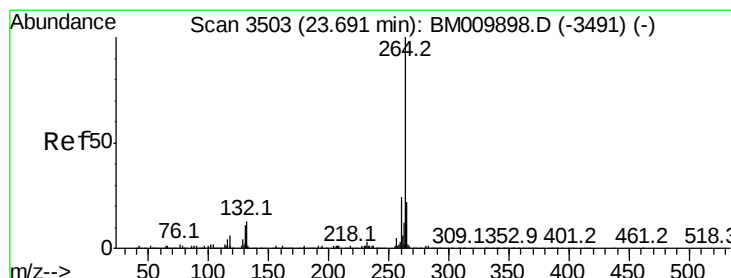
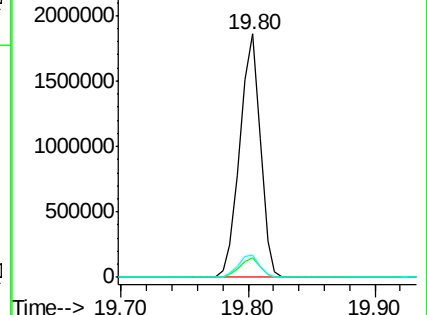
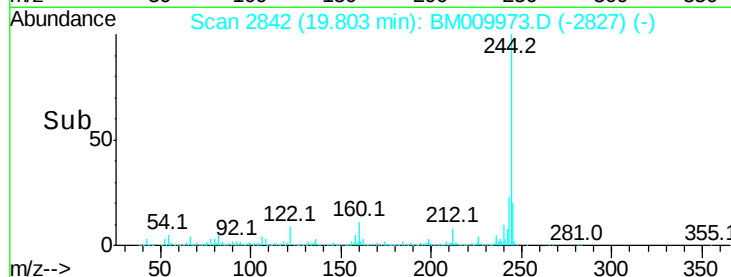
122 9.1 6.2 9.4



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

Perylene-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

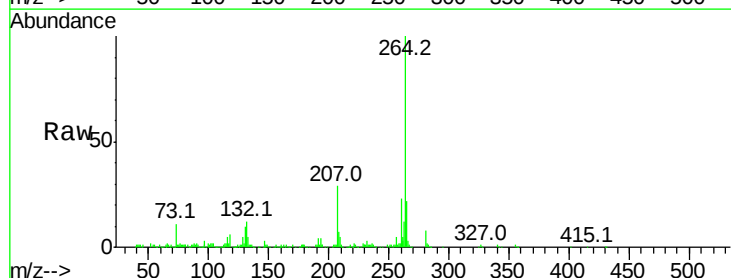
Tgt Ion:264 Resp: 420190

Ion Ratio Lower Upper

264 100

260 22.6 18.6 27.8

265 21.5 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

