

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009971.D
 Acq On : 10 May 2017 15:21
 Operator : SJ/MA
 Sample : I3058-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DUP-0398-170508

Quant Time: May 10 17:06:52 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

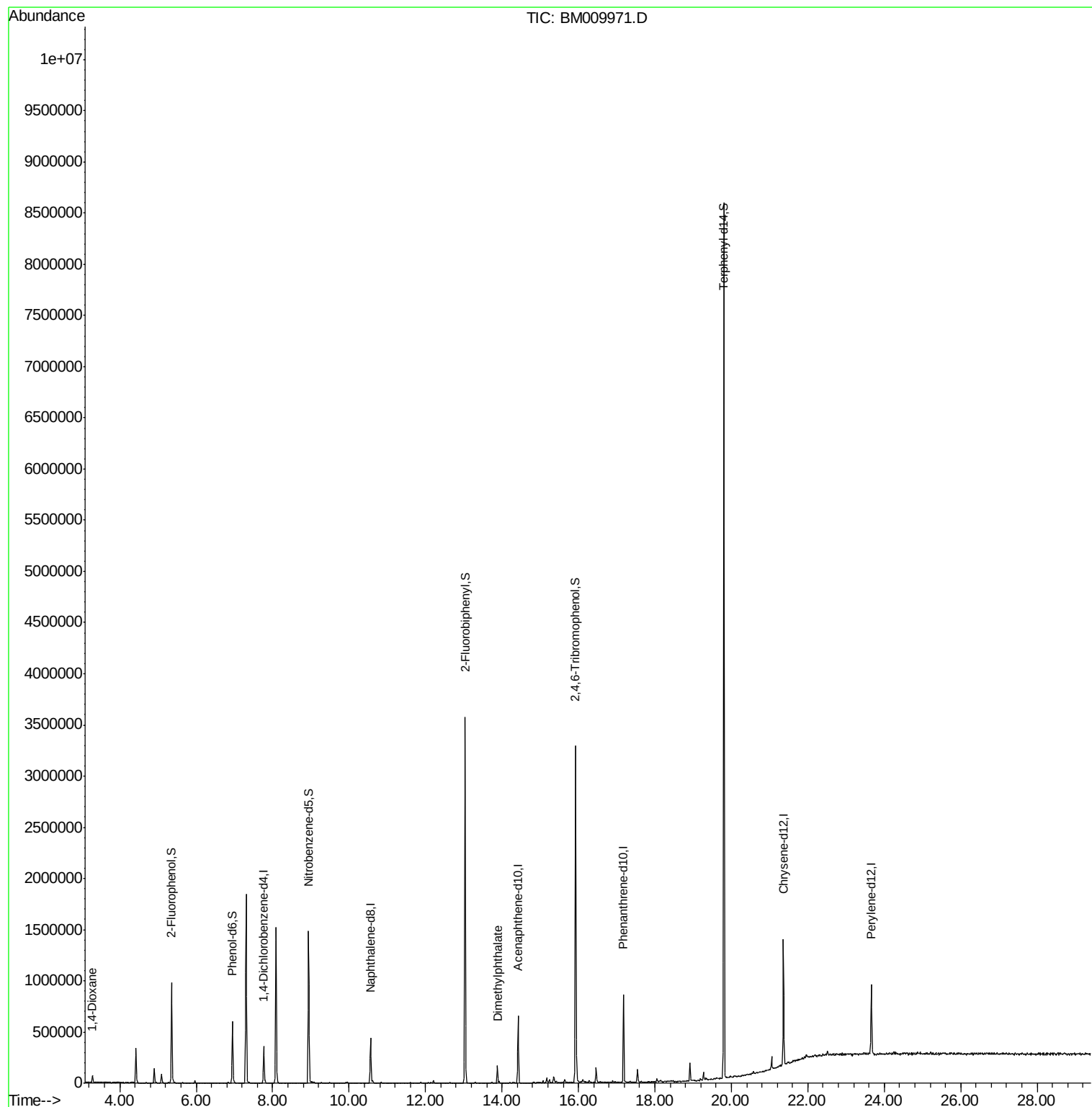
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	65730	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	284656	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	178394	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	432875	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	552518	20.00	ng	-0.02
86) Perylene-d12	23.66	264	442387	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	313510	75.93	ng	-0.01
7) Phenol-d6	6.95	99	286477	45.27	ng	-0.02
23) Nitrobenzene-d5	8.94	82	879097	111.76	ng	-0.02
41) 2,4,6-Tribromophenol	15.93	330	414797	170.25	ng	-0.01
44) 2-Fluorobiphenyl	13.03	172	1451443	106.01	ng	-0.02
78) Terphenyl-d14	19.80	244	2859084	106.15	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	31422	19.82	ng	# 100
49) Dimethylphthalate	13.88	163	83211	4.90	ng	# 98

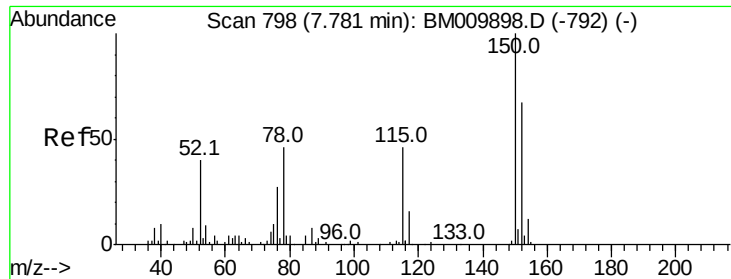
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 796

Delta R.T. -0.01 min

Lab File: BM009971.D

Acq: 10 May 2017 15:21

Instrument :

BNA_M

ClientSampleId :

DUP-0398-170508

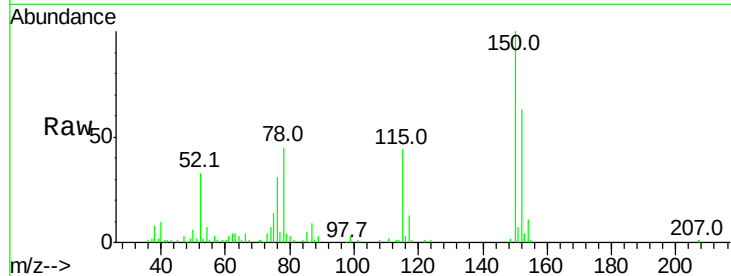
Tot Ion:152 Resp: 65730

Ion Ratio Lower Upper

152 100

150 157.5 119.5 179.3

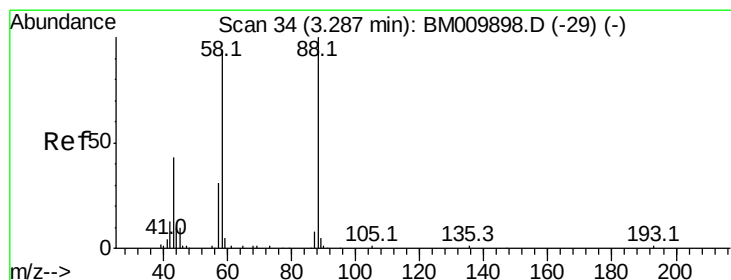
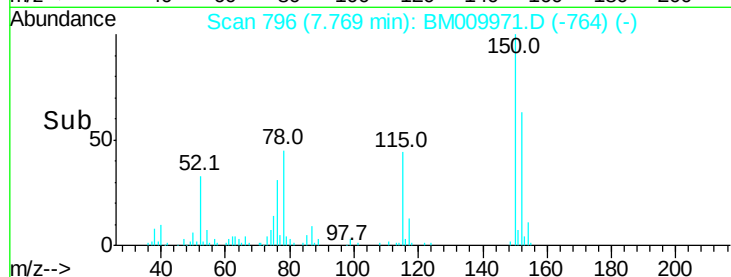
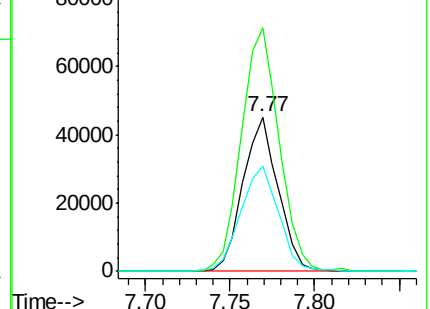
115 68.5 43.0 64.4#



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: 19.82 ng

RT: 3.29 min Scan# 34

Delta R.T. 0.00 min

Lab File: BM009971.D

Acq: 10 May 2017 15:21

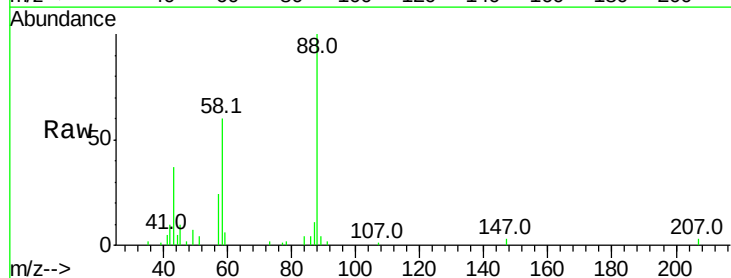
Tgt Ion: 88 Resp: 31422

Ion Ratio Lower Upper

88 100

58 66.8 0.0 0.0#

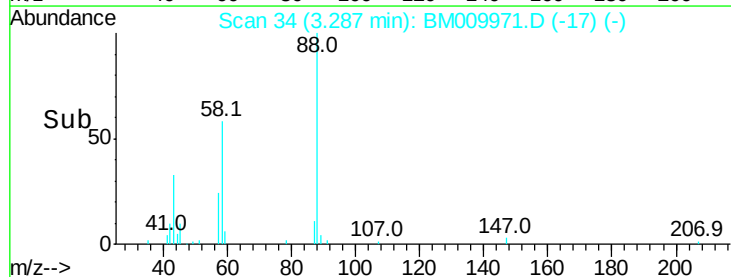
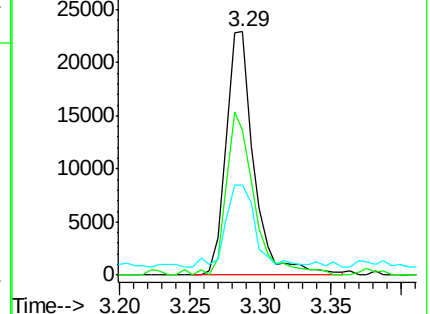
43 36.2 0.0 0.0#

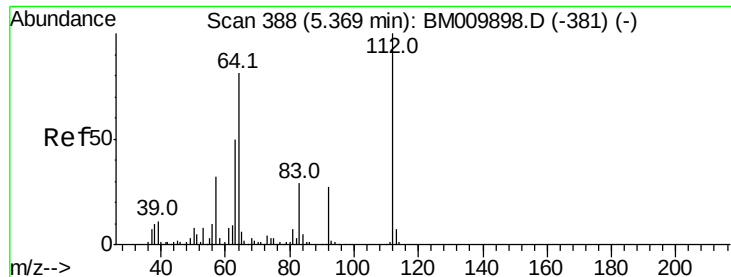


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#5

2-Fluorophenol

Concen: 75.93 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM009971.D

Acq: 10 May 2017 15:21

Instrument :

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ClientSampleId :

DUP-0398-170508

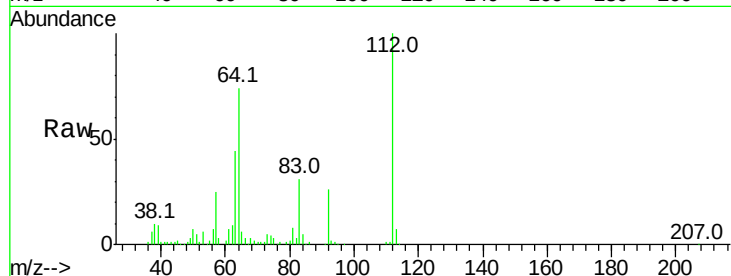
Tot Ion:112 Resp: 313510

Ion Ratio Lower Upper

112 100

64 74.2 38.6 57.8#

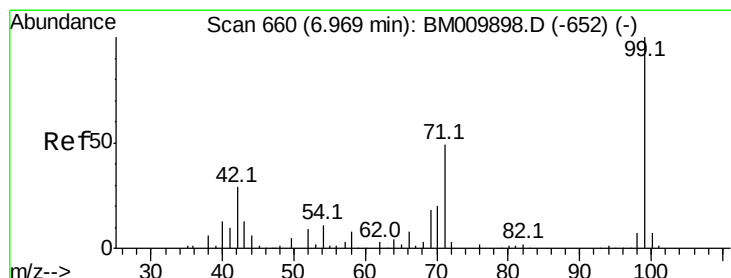
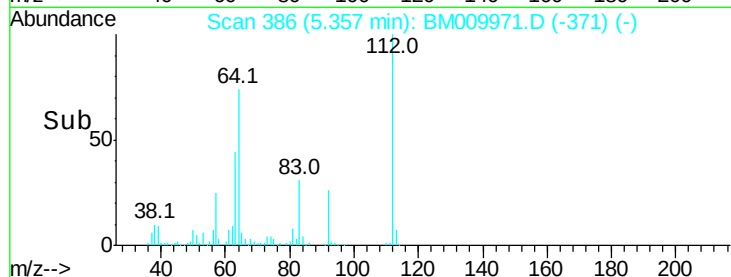
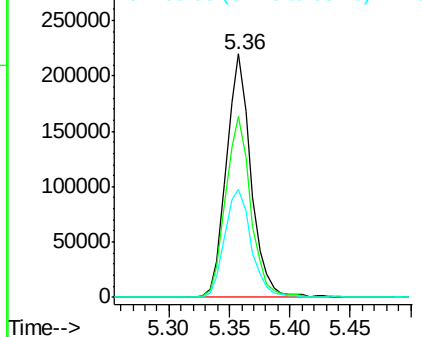
63 44.4 19.3 28.9#



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: 45.27 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009971.D

Acq: 10 May 2017 15:21

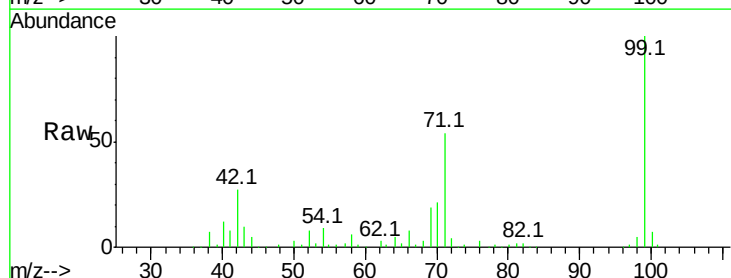
Tgt Ion: 99 Resp: 286477

Ion Ratio Lower Upper

99 100

42 26.6 11.0 16.4#

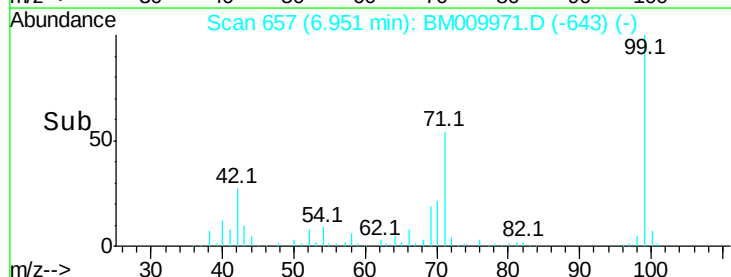
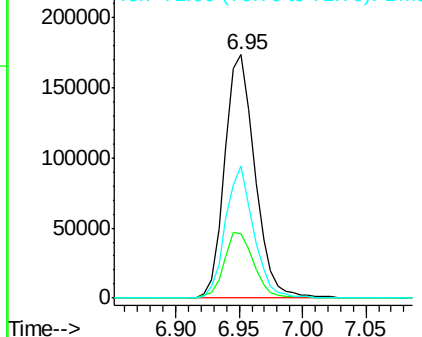
71 54.4 23.4 35.2#

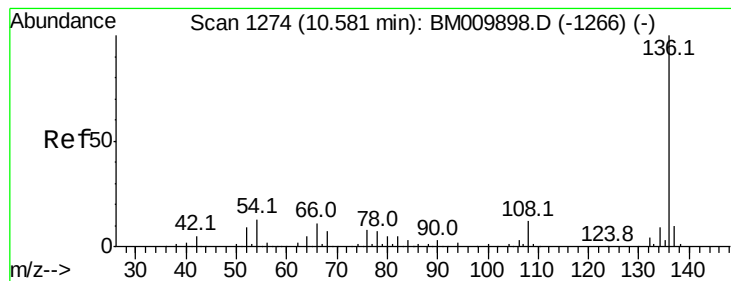


Abundance Ion 99.00 (98.70 to 99.70): B

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: BM009971.D

Acq: 10 May 2017 15:21

Instrument :

BNA_M

ClientSampleId :

DUP-0398-170508

Tot Ion:136 Resp: 284656

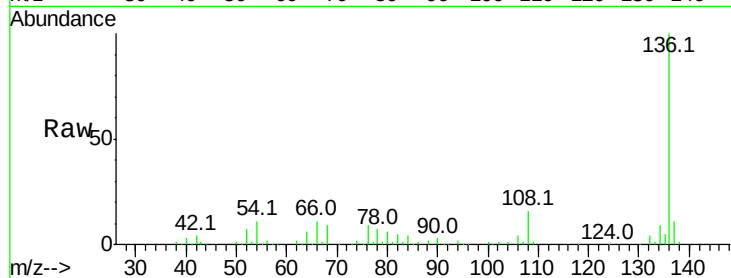
Ion Ratio Lower Upper

136 100

137 11.4 8.7 13.1

54 10.8 4.6 6.8#

68 8.8 3.7 5.5#

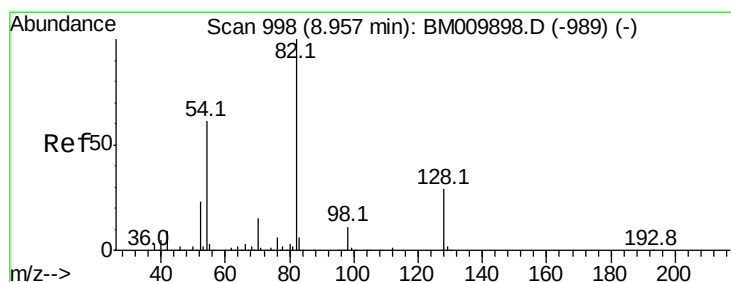
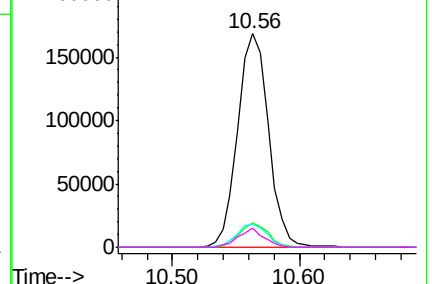
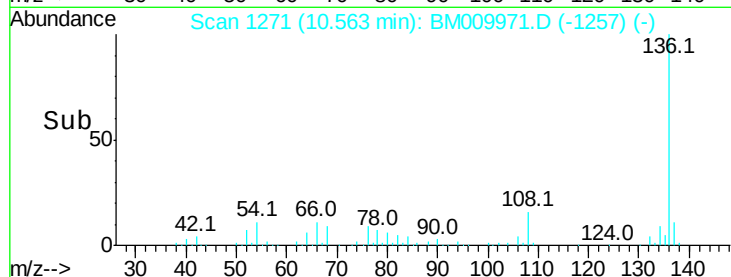


Abundance Ion 136.00 (135.70 to 136.70): B

Ion 137.00 (136.70 to 137.70): B

Ion 54.00 (53.70 to 54.70): B

Ion 68.00 (67.70 to 68.70): B



#23

Nitrobenzene-d5

Concen: 111.76 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BM009971.D

Acq: 10 May 2017 15:21

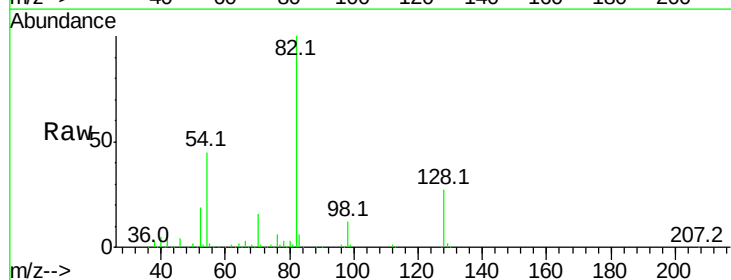
Tgt Ion: 82 Resp: 879097

Ion Ratio Lower Upper

82 100

128 27.4 32.8 49.2#

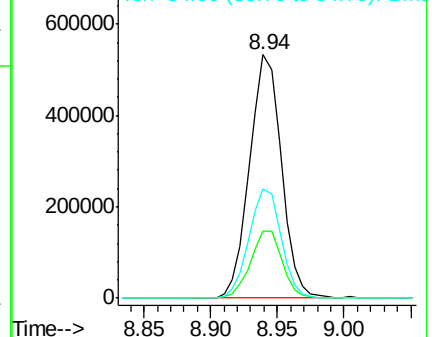
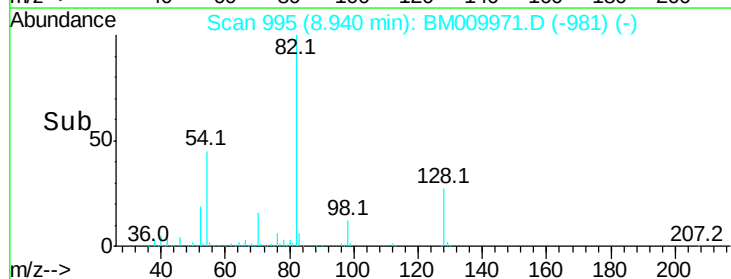
54 44.7 40.6 60.8

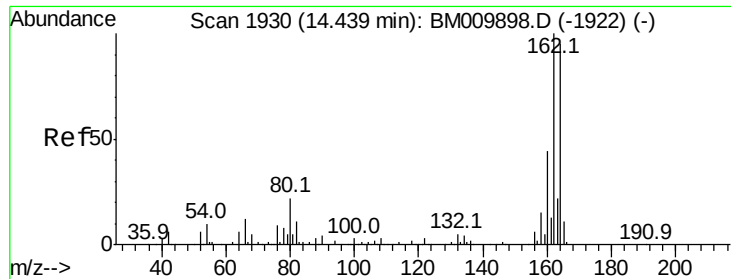


Abundance Ion 82.00 (81.70 to 82.70): B

Ion 128.00 (127.70 to 128.70): B

Ion 54.00 (53.70 to 54.70): B





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BM009971.D

Acq: 10 May 2017 15:21

Instrument :

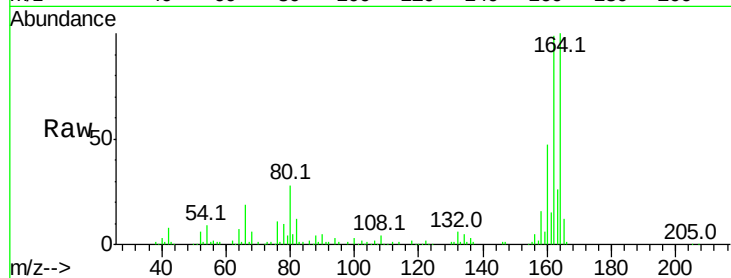
BNA_M

ClientSampleId :

DUP-0398-170508

Tot Ion:164 Resp: 178394

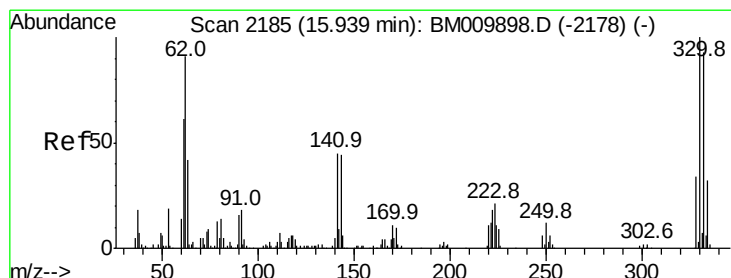
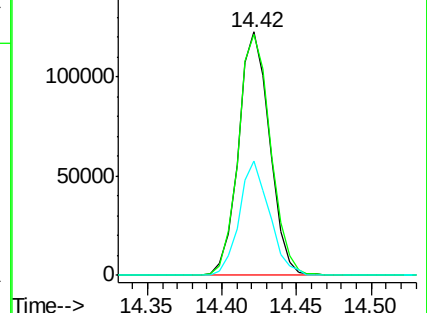
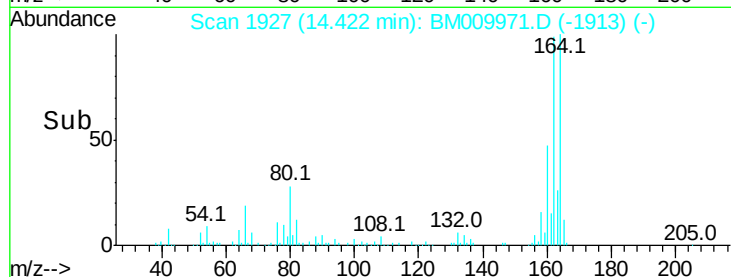
Ion	Ratio	Lower	Upper
164	100		
162	99.1	82.4	123.6
160	47.0	35.8	53.6



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: 170.25 ng

RT: 15.93 min Scan# 2183

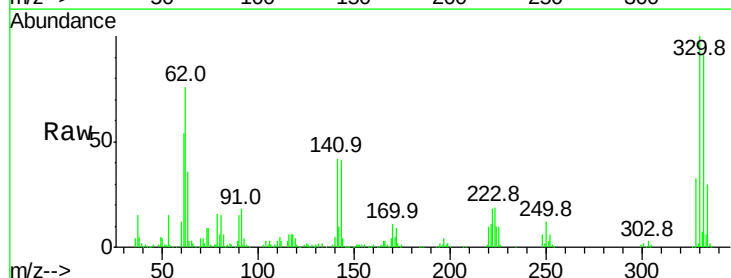
Delta R.T. -0.01 min

Lab File: BM009971.D

Acq: 10 May 2017 15:21

Tgt Ion:330 Resp: 414797

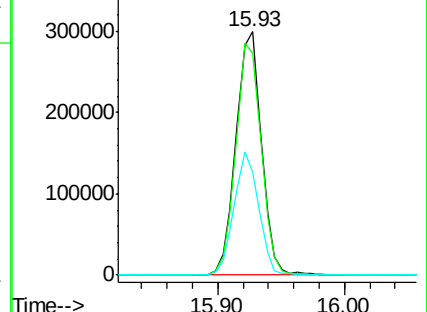
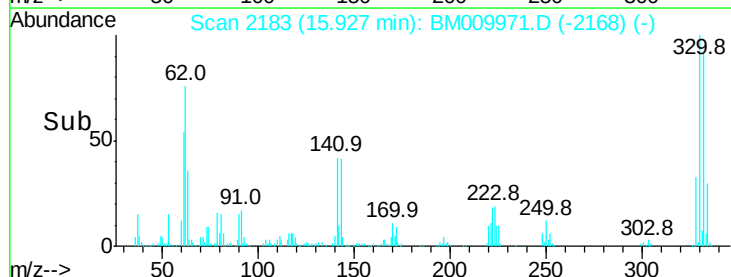
Ion	Ratio	Lower	Upper
330	100		
332	95.1	0.0	0.0#
141	49.2	0.0	0.0#

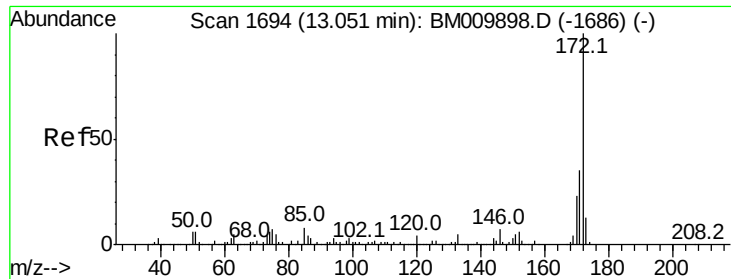


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

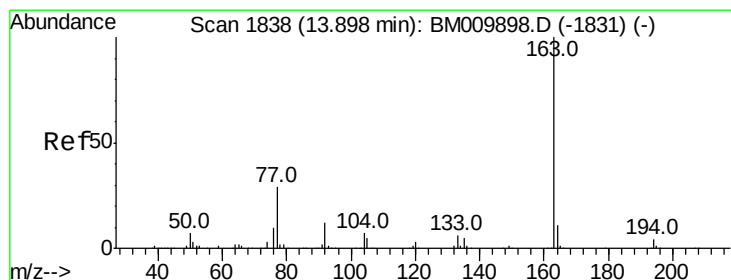
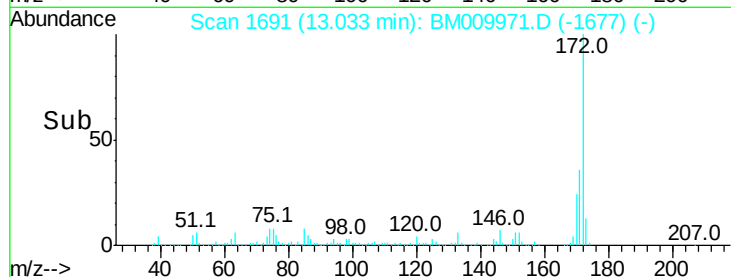
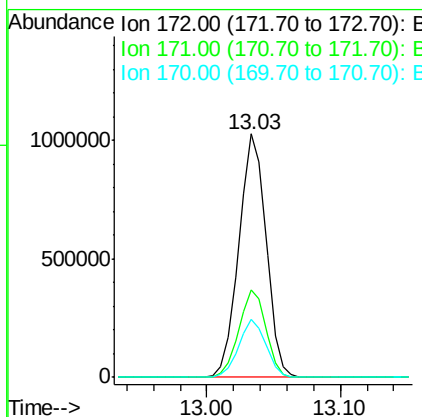
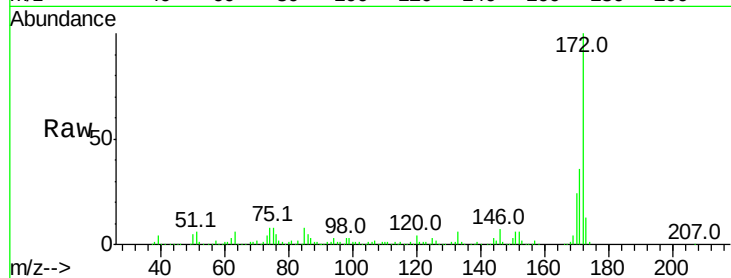




#44
2-Fluorobiphenyl
Concen: 106.01 ng
RT: 13.03 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BM009971.D
Acq: 10 May 2017 15:21

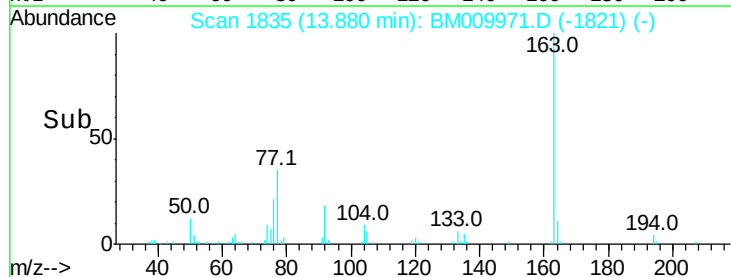
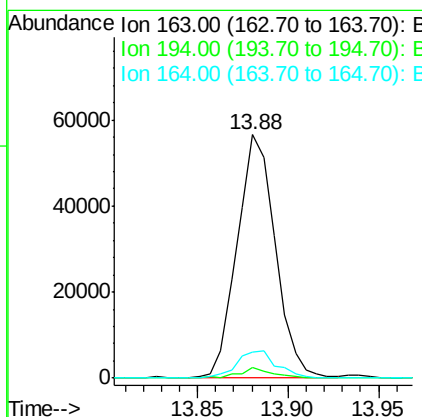
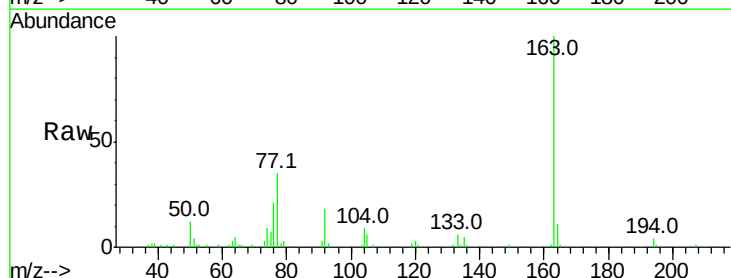
Instrument :
BNA_M
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DUP-0398-170508

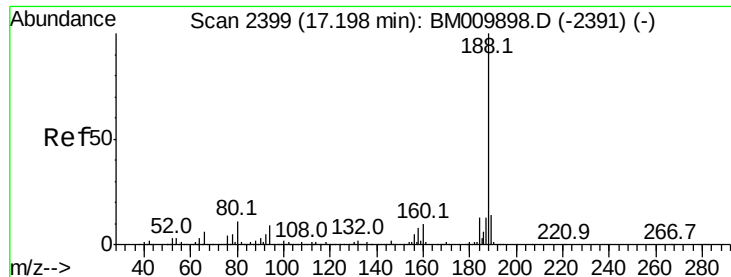
Tot Ion:172 Resp: 1451443
Ion Ratio Lower Upper
172 100
171 36.0 28.5 42.7
170 23.7 18.8 28.2



#49
Dimethylphthalate
Concen: 4.90 ng
RT: 13.88 min Scan# 1835
Delta R.T. -0.02 min
Lab File: BM009971.D
Acq: 10 May 2017 15:21

Tgt Ion:163 Resp: 83211
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.7 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2395

Delta R.T. -0.02 min

Lab File: BM009971.D

Acq: 10 May 2017 15:21

Instrument :

BNA_M

ClientSampleId :

DUP-0398-170508

Tot Ion:188 Resp: 432875

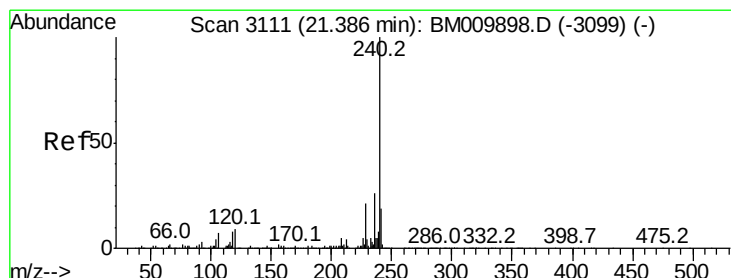
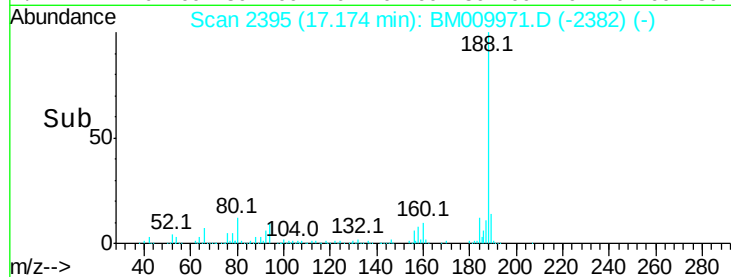
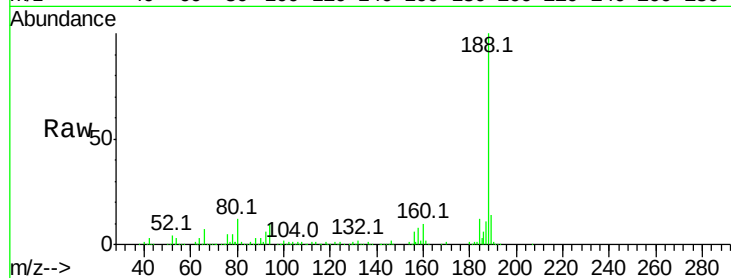
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.7	13.1
80	11.8	9.3	13.9

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-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM009971.D

Acq: 10 May 2017 15:21

Tgt Ion:240 Resp: 552518

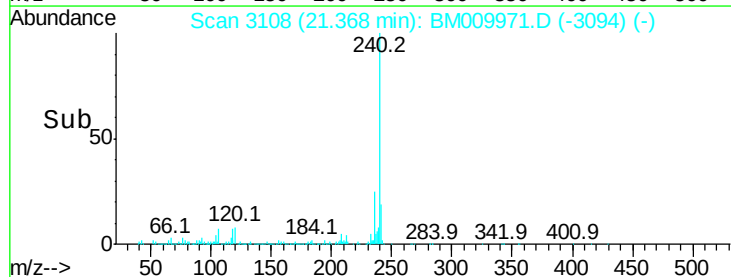
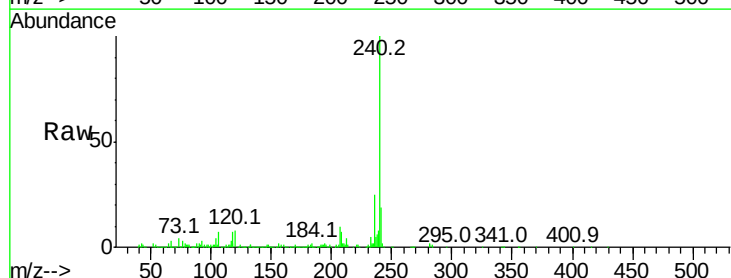
Ion	Ratio	Lower	Upper
240	100		
120	7.9	8.2	12.2#
236	25.0	20.0	30.0

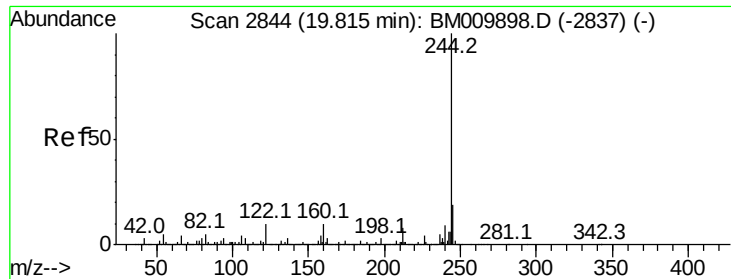
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



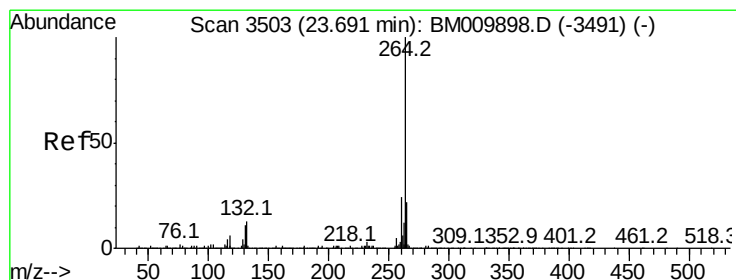
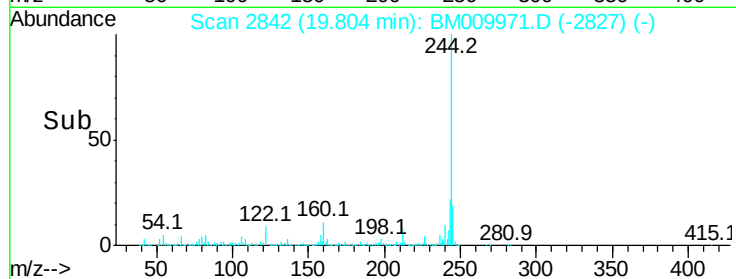
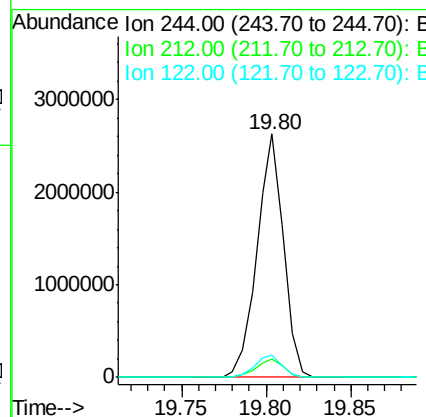
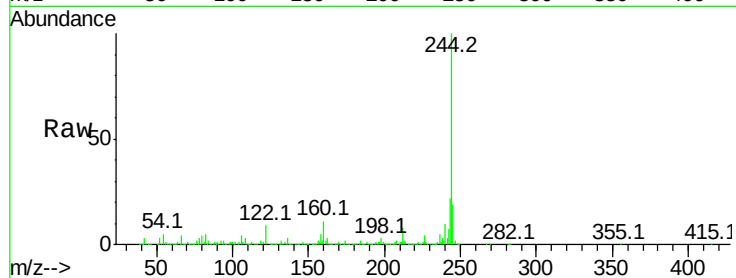


#78
 Terphenyl-d14
 Concen: 106.15 ng
 RT: 19.80 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BM009971.D
 Acq: 10 May 2017 15:21

Instrument :
 BNA_M
 ClientSampleId :
 DUP-0398-170508

Tot Ion:244 Resp: 2859084

Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	9.0	6.2	9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.66 min Scan# 3498
 Delta R.T. -0.03 min
 Lab File: BM009971.D
 Acq: 10 May 2017 15:21

Tgt Ion:264 Resp: 442387

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	23.5	17.3	25.9

