

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051017\
 Data File : BM009974.D
 Acq On : 10 May 2017 17:10
 Operator : SJ/MA
 Sample : I3058-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW004-170508

Quant Time: May 11 09:21:01 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	66999	20.00	ng	-0.01
21) Naphthalene-d8	10.56	136	283670	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	167793	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	412441	20.00	ng	-0.02
75) Chrysene-d12	21.37	240	532956	20.00	ng	-0.02
86) Perylene-d12	23.66	264	451675	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	287471	68.31	ng	-0.01
7) Phenol-d6	6.95	99	244357	37.88	ng	-0.02
23) Nitrobenzene-d5	8.94	82	878833	112.11	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	385595	168.26	ng	-0.02
44) 2-Fluorobiphenyl	13.03	172	1420170	110.28	ng	-0.02
78) Terphenyl-d14	19.80	244	2657205	102.28	ng	-0.01

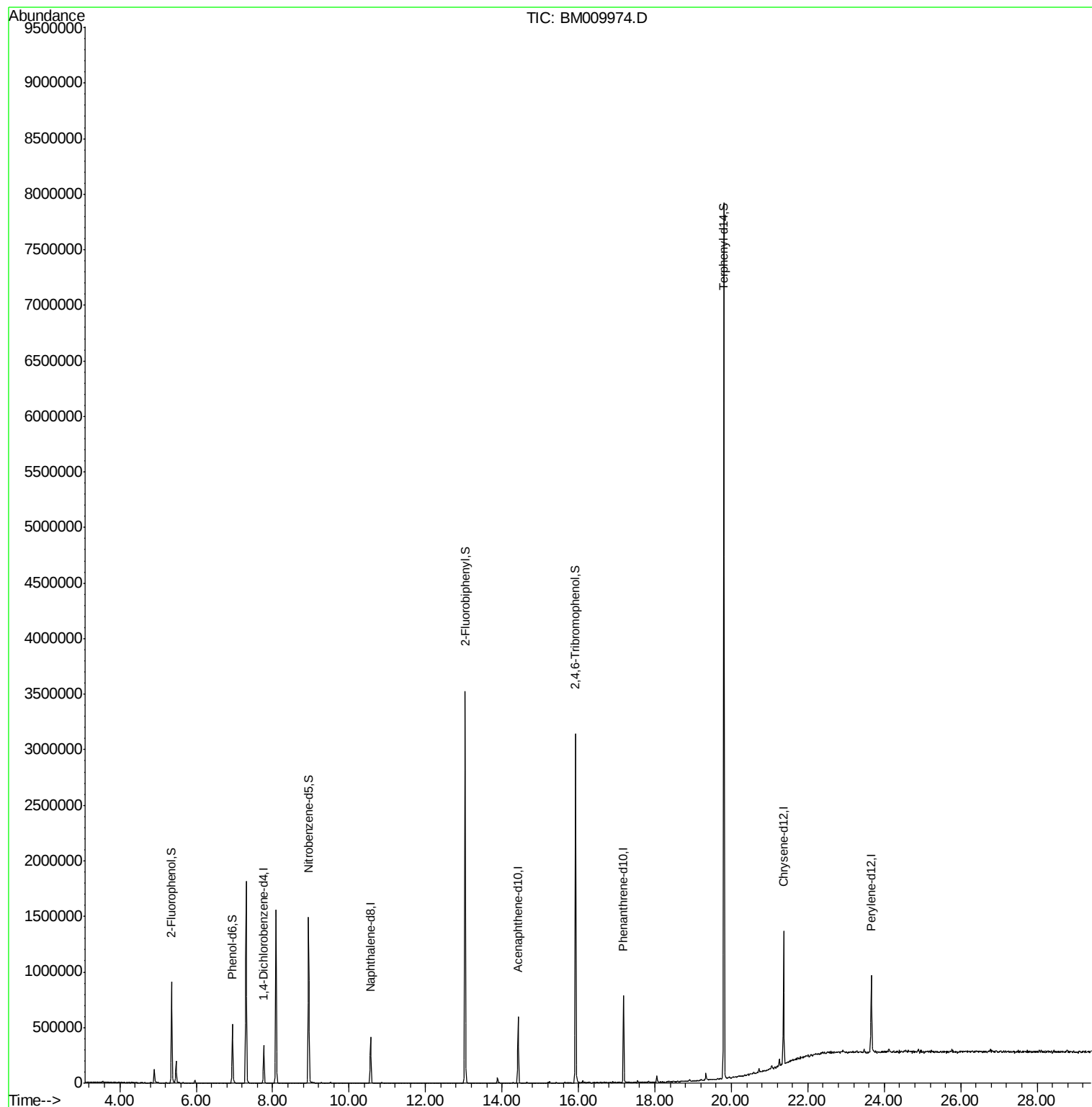
Target Compounds Qvalue

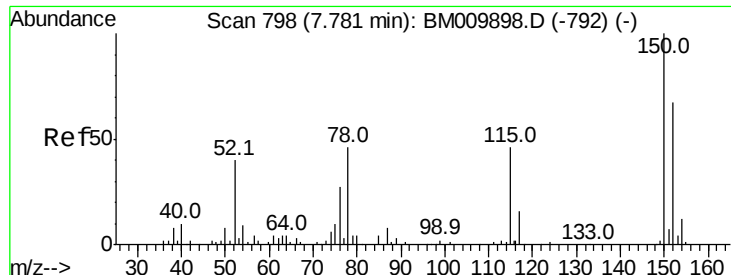
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BM009974.D

Acq: 10 May 2017 17:10

Instrument :

BNA_M

ClientSampleId :

LF017MW004-170508

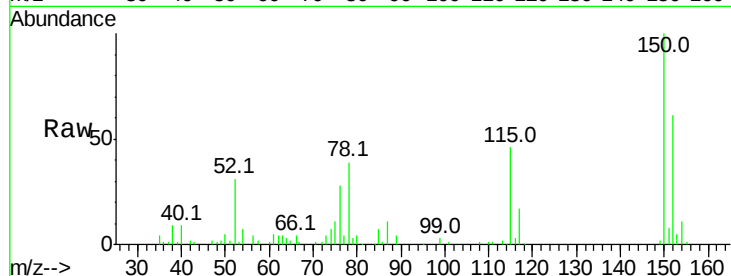
Tot Ion:152 Resp: 66999

Ion Ratio Lower Upper

152 100

150 164.6 119.5 179.3

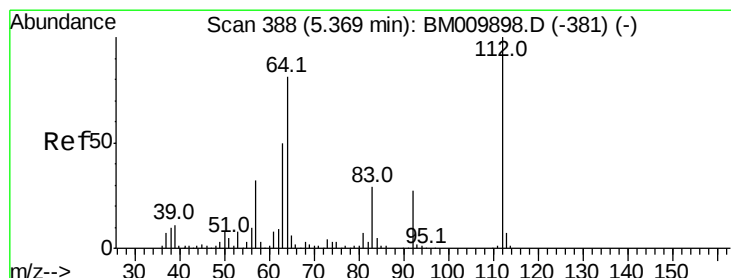
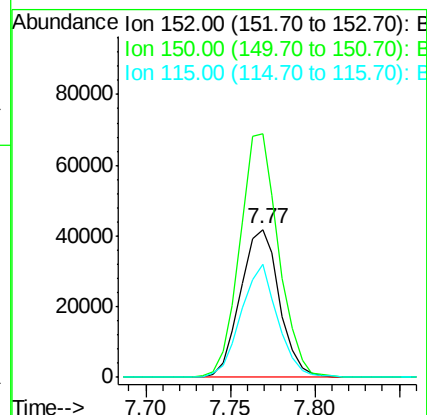
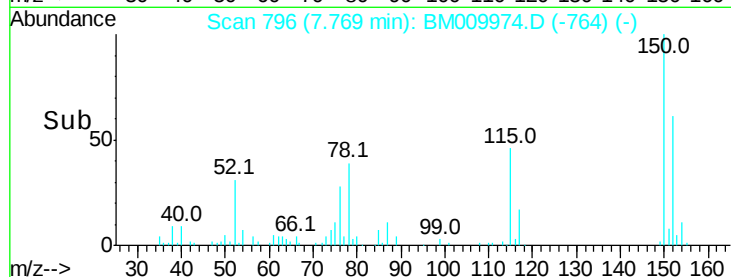
115 76.2 43.0 64.4#



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: 68.31 ng

RT: 5.36 min Scan# 386

Delta R.T. -0.01 min

Lab File: BM009974.D

Acq: 10 May 2017 17:10

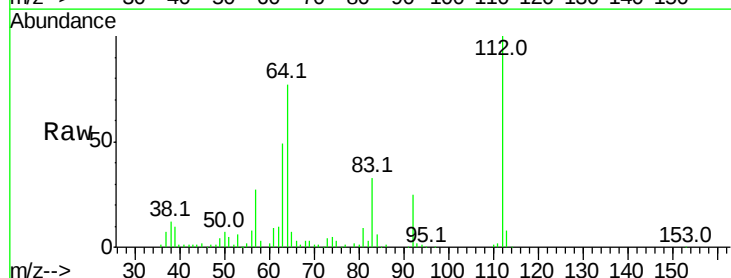
Tgt Ion:112 Resp: 287471

Ion Ratio Lower Upper

112 100

64 76.8 38.6 57.8#

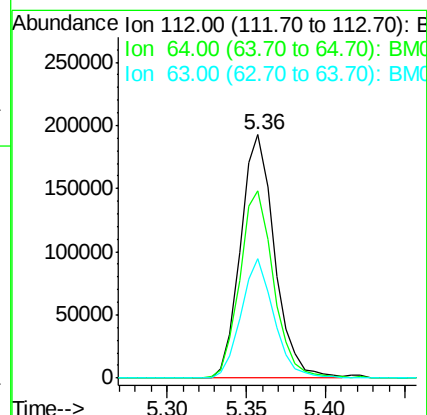
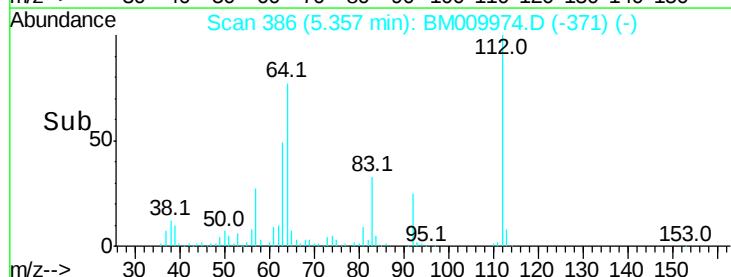
63 49.0 19.3 28.9#

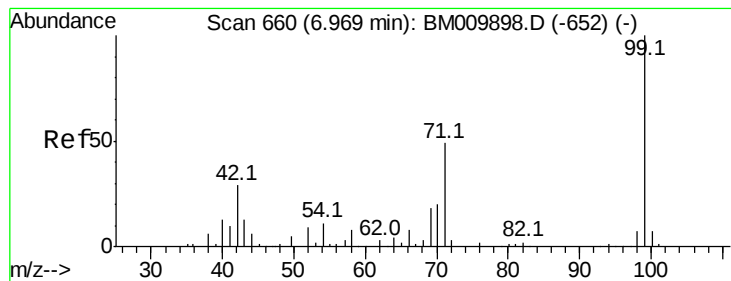


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 37.88 ng

RT: 6.95 min Scan# 657

Delta R.T. -0.02 min

Lab File: BM009974.D

Acq: 10 May 2017 17:10

Instrument :

BNA_M

ClientSampleId :

LF017MW004-170508

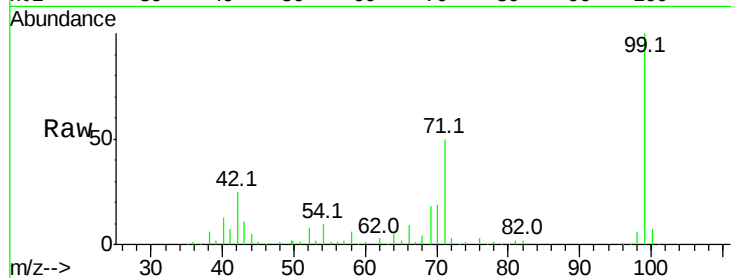
Tot Ion: 99 Resp: 244357

Ion Ratio Lower Upper

99 100

42 24.8 11.0 16.4#

71 49.9 23.4 35.2#

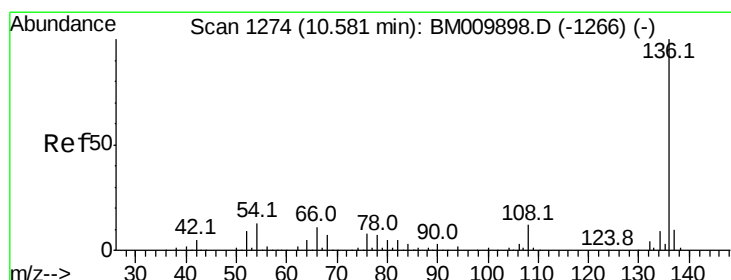
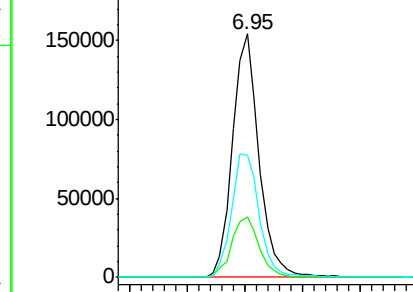
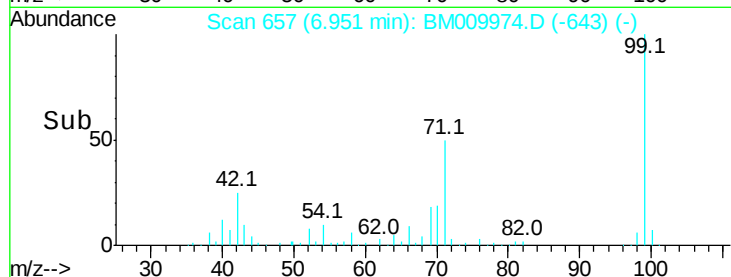


Abundance

Ion 99.00 (98.70 to 99.70): BM009974.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BM009974.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BM009974.D (-643) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BM009974.D

Acq: 10 May 2017 17:10

Tgt Ion: 136 Resp: 283670

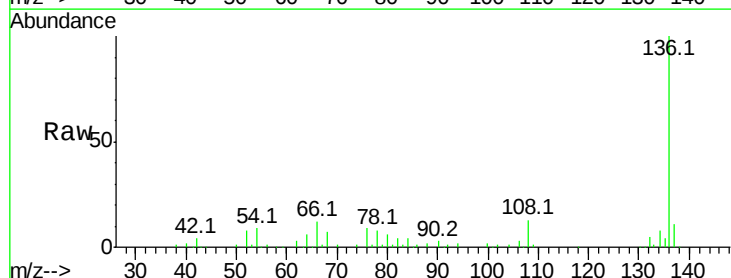
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 9.1 4.6 6.8#

68 7.1 3.7 5.5#



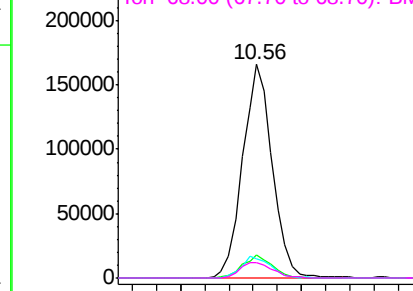
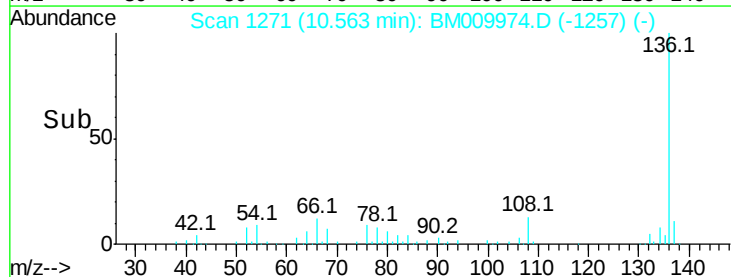
Abundance

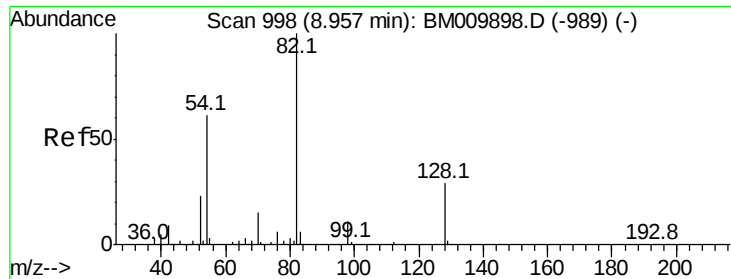
Ion 136.00 (135.70 to 136.70): BM009974.D (-1257) (-)

Ion 137.00 (136.70 to 137.70): BM009974.D (-1257) (-)

Ion 54.00 (53.70 to 54.70): BM009974.D (-1257) (-)

Ion 68.00 (67.70 to 68.70): BM009974.D (-1257) (-)





#23

Nitrobenzene-d5

Concen: 112.11 ng

RT: 8.94 min Scan# 995

Delta R.T. -0.02 min

Lab File: BM009974.D

Acq: 10 May 2017 17:10

Instrument :

BNA_M

ClientSampleId :

LF017MW004-170508

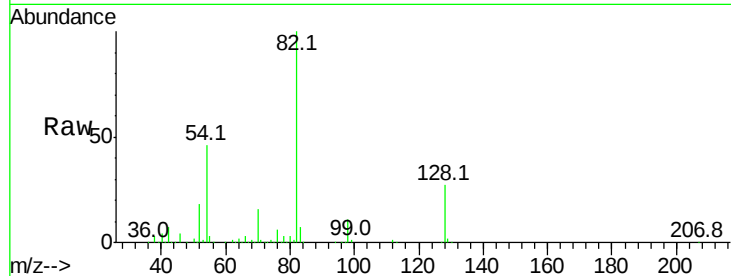
Tot Ion: 82 Resp: 878833

Ion Ratio Lower Upper

82 100

128 27.2 32.8 49.2#

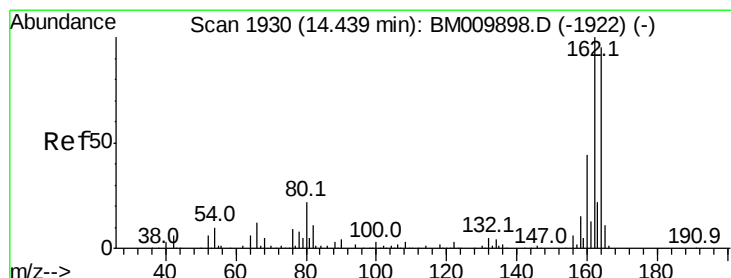
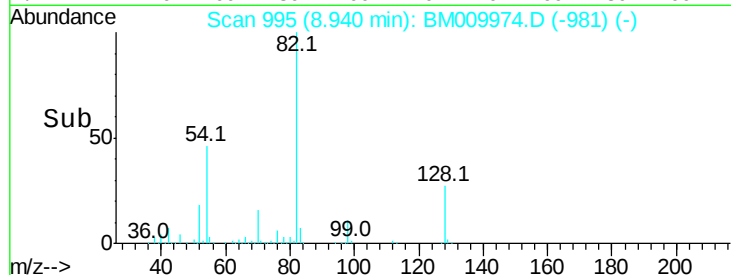
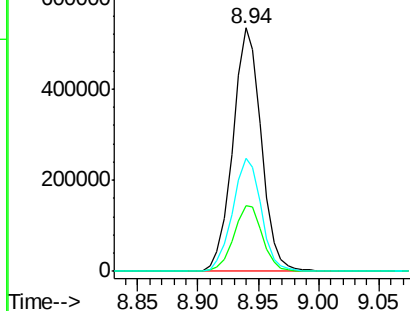
54 46.3 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM009898.D (-989) (-)

Ion 128.00 (127.70 to 128.70): BM009898.D (-989) (-)

Ion 54.00 (53.70 to 54.70): BM009898.D (-989) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.42 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BM009974.D

Acq: 10 May 2017 17:10

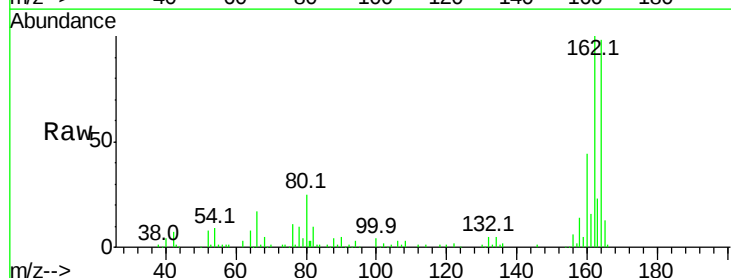
Tgt Ion: 164 Resp: 167793

Ion Ratio Lower Upper

164 100

162 102.1 82.4 123.6

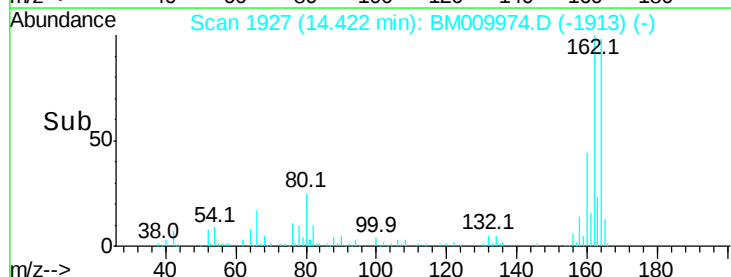
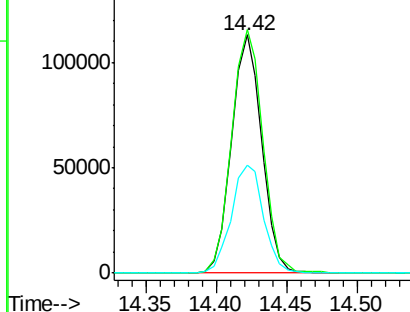
160 45.1 35.8 53.6

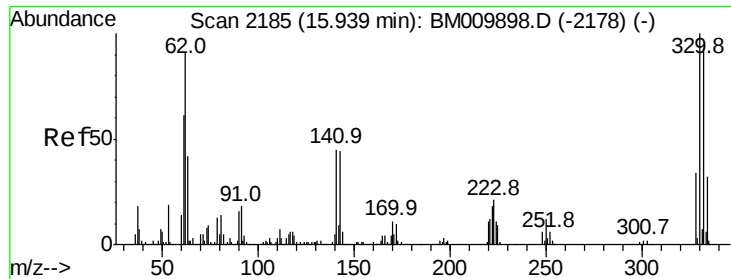


Abundance Ion 164.00 (163.70 to 164.70): BM009898.D (-1922) (-)

Ion 162.00 (161.70 to 162.70): BM009898.D (-1922) (-)

Ion 160.00 (159.70 to 160.70): BM009898.D (-1922) (-)

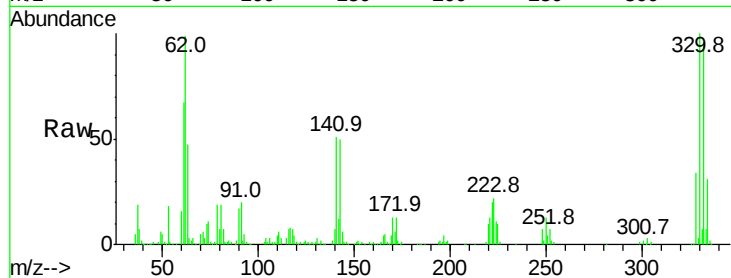




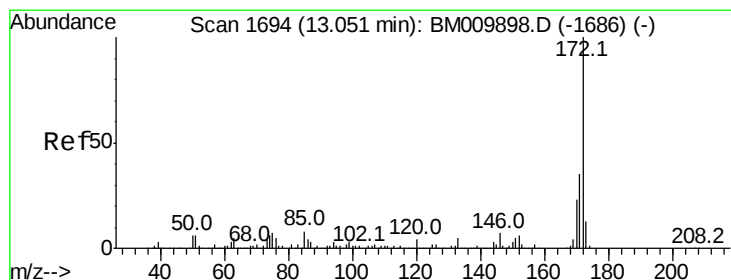
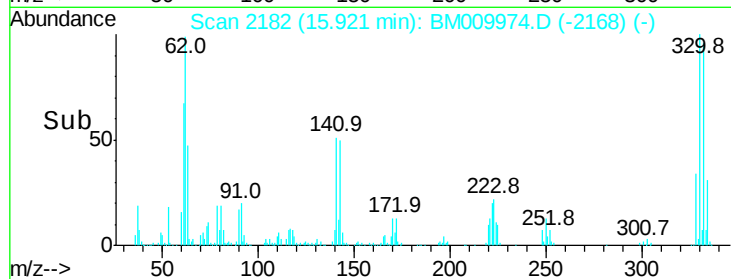
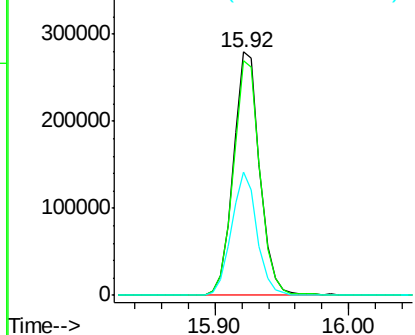
#41
 2,4,6-Tribromophenol
 Concen: 168.26 ng
 RT: 15.92 min Scan# 2182
 Delta R.T. -0.02 min
 Lab File: BM009974.D
 Acq: 10 May 2017 17:10

Instrument :
 BNA_M
 ClientSampleId :
 LF017MW004-170508

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	49.5	0.0	0.0#

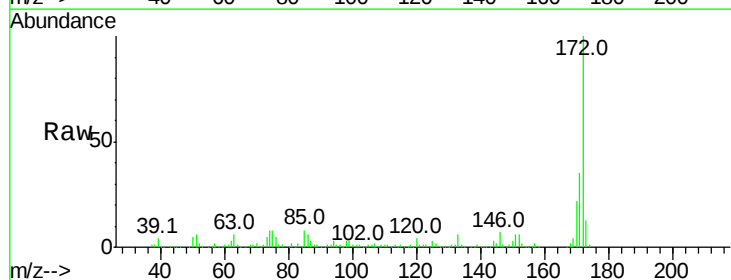


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

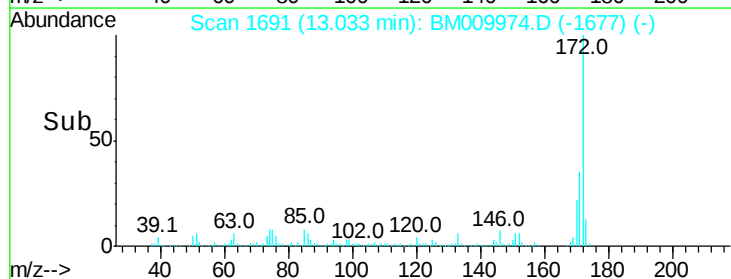
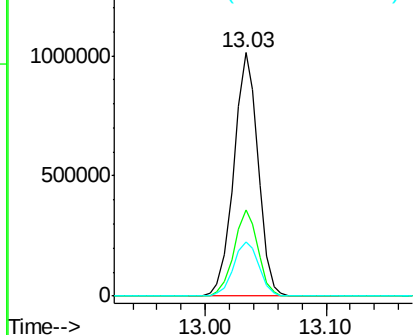


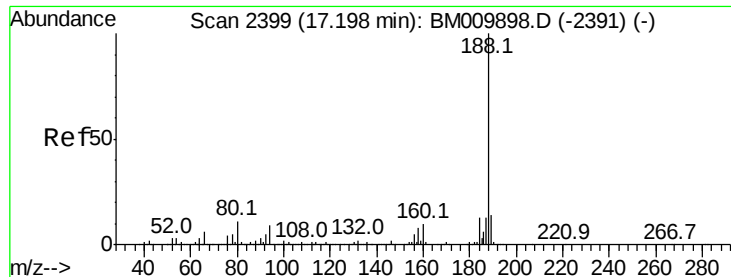
#44
 2-Fluorobiphenyl
 Concen: 110.28 ng
 RT: 13.03 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BM009974.D
 Acq: 10 May 2017 17:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	22.4	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

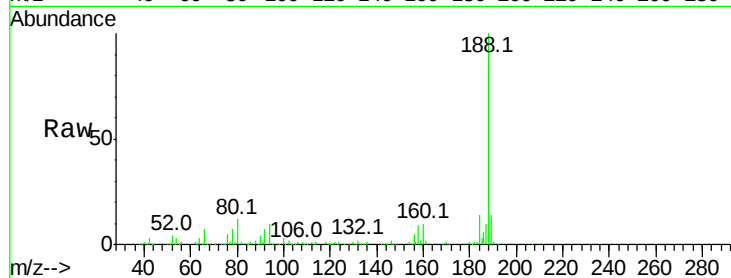




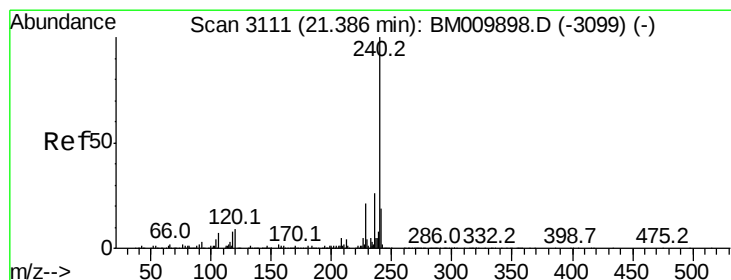
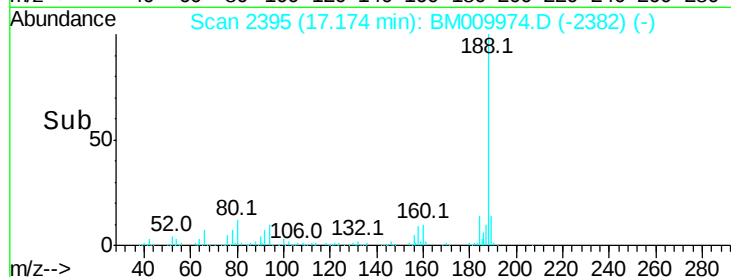
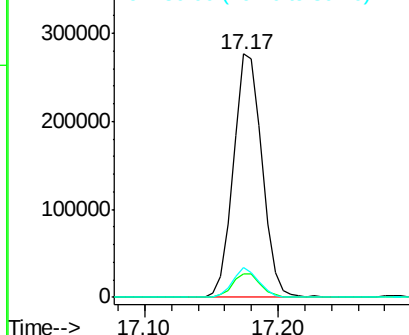
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2395
Delta R.T. -0.02 min
Lab File: BM009974.D
Acq: 10 May 2017 17:10

Instrument :
BNA_M
ClientSampleId :
LF017MW004-170508

Tot Ion:188 Resp: 412441
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 12.1 9.3 13.9

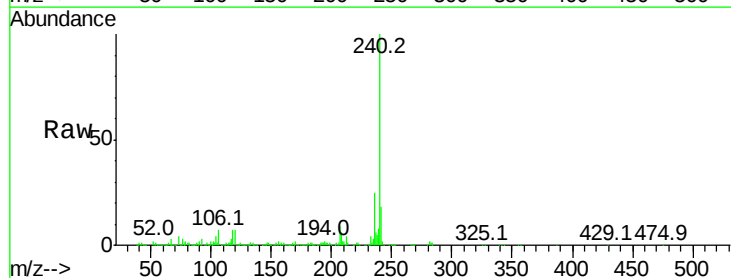


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

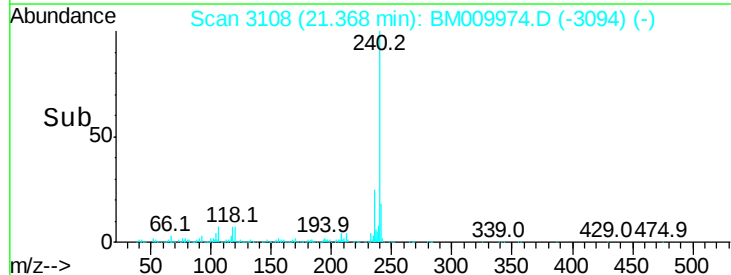
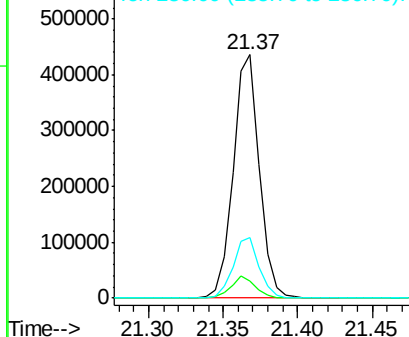


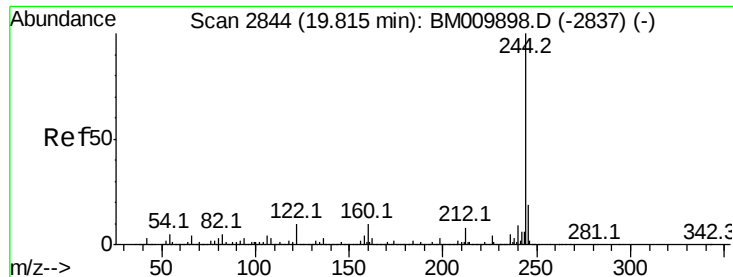
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.37 min Scan# 3108
Delta R.T. -0.02 min
Lab File: BM009974.D
Acq: 10 May 2017 17:10

Tgt Ion:240 Resp: 532956
Ion Ratio Lower Upper
240 100
120 7.2 8.2 12.2#
236 25.1 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: 102.28 ng

RT: 19.80 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BM009974.D

Acq: 10 May 2017 17:10

Instrument :

BNA_M

ClientSampleId :

LF017MW004-170508

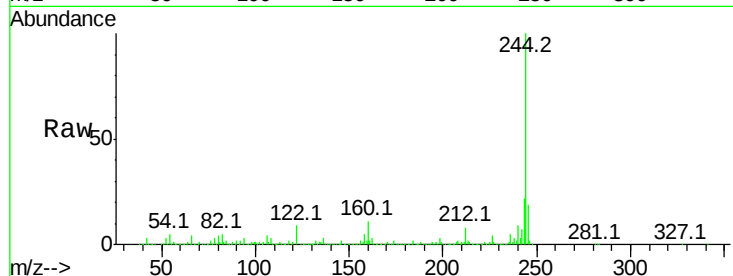
Tot Ion:244 Resp: 2657205

Ion Ratio Lower Upper

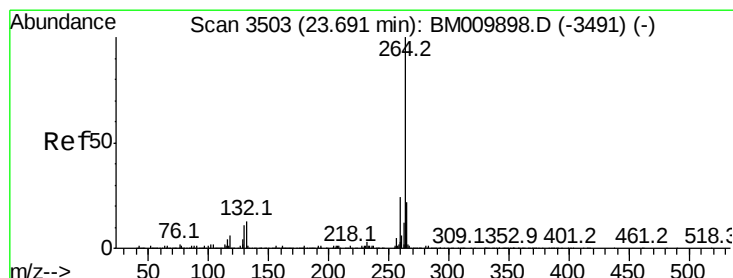
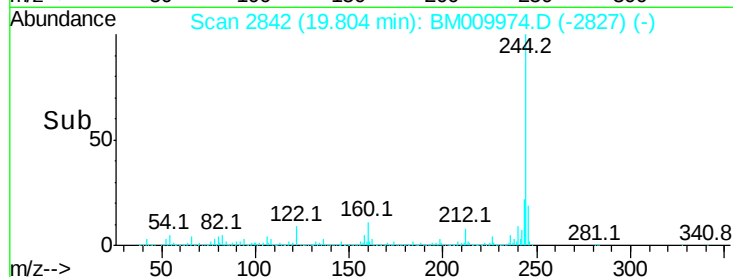
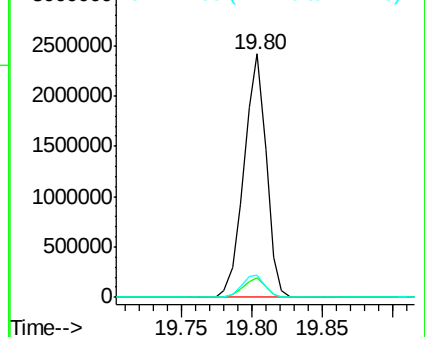
244 100

212 7.8 4.9 7.3#

122 8.9 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: BM009974.D

Acq: 10 May 2017 17:10

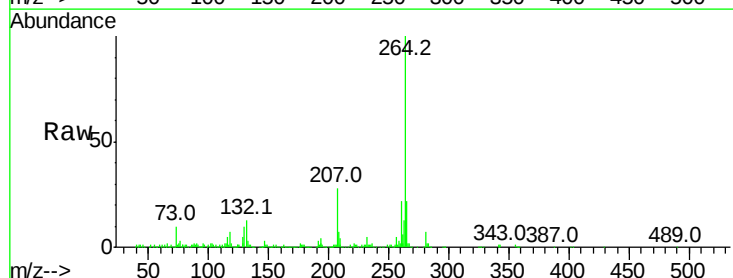
Tgt Ion:264 Resp: 451675

Ion Ratio Lower Upper

264 100

260 22.5 18.6 27.8

265 22.0 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

