

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010061.D
 Acq On : 16 May 2017 19:51
 Operator : SJ/MA
 Sample : I3150-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WS-2

Quant Time: May 17 04:33:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 19:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	36245	20.00	ng	-0.02
21) Naphthalene-d8	10.55	136	153111	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	92301	20.00	ng	-0.03
63) Phenanthrene-d10	17.16	188	232974	20.00	ng	-0.04
75) Chrysene-d12	21.36	240	270338	20.00	ng	-0.03
86) Perylene-d12	23.64	264	227435	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	150377	64.93	ng	-0.02
7) Phenol-d6	6.93	99	140916	37.97	ng	-0.04
23) Nitrobenzene-d5	8.93	82	532522	127.10	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	138911	109.97	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	851579	123.38	ng	-0.03
78) Terphenyl-d14	19.79	244	1559351	121.57	ng	-0.02

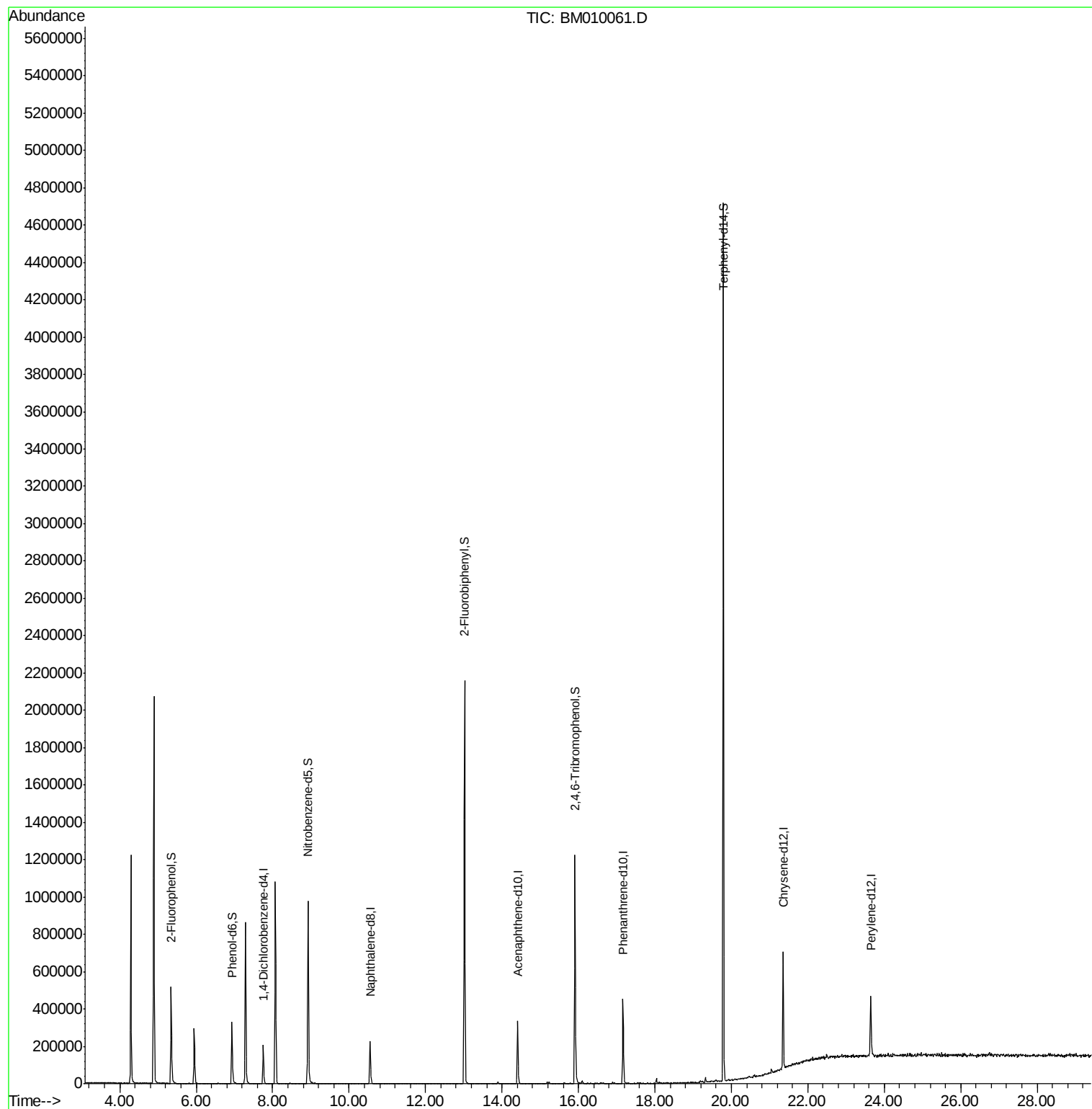
Target Compounds Qvalue

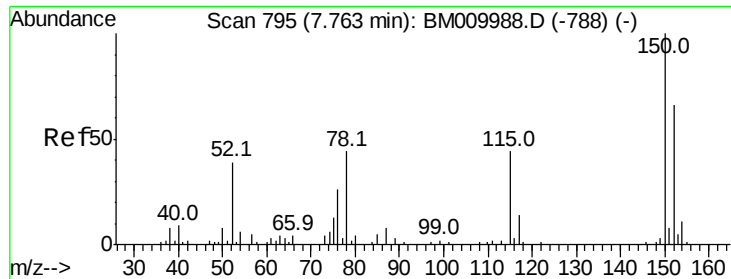
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM010061.D

Acq: 16 May 2017 19:51

Instrument :

BNA_M

ClientSampled :

WS-2

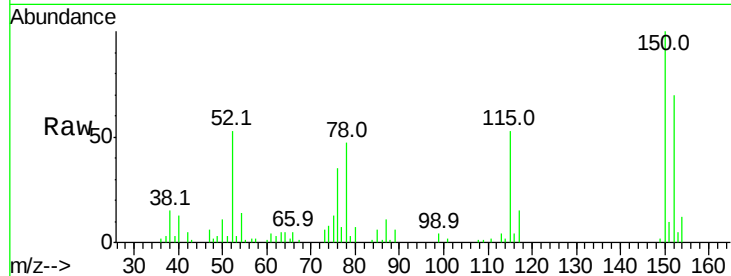
Tot Ion:152 Resp: 36245

Ion Ratio Lower Upper

152 100

150 142.6 119.5 179.3

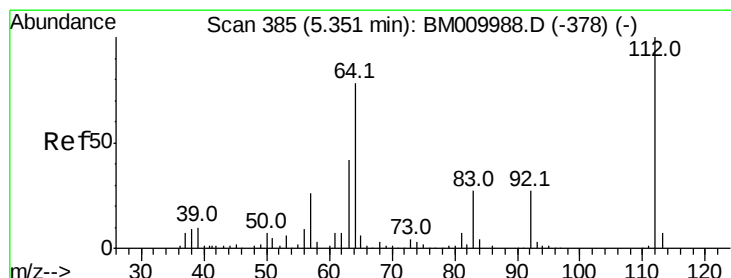
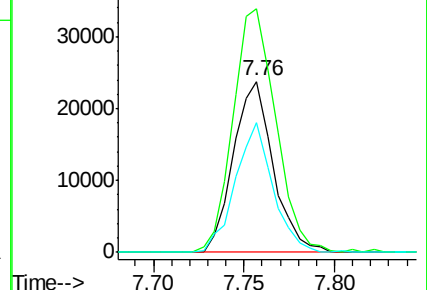
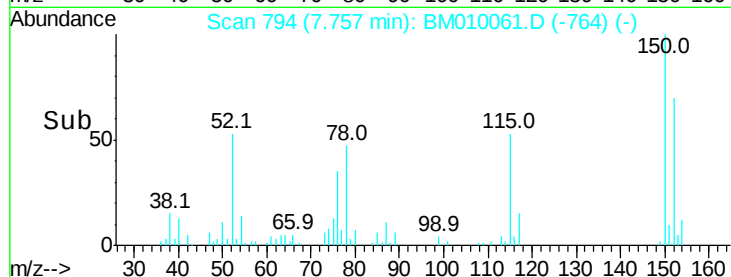
115 76.3 43.0 64.4#



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



#5

2-Fluorophenol

Concen: 64.93 ng

RT: 5.35 min Scan# 384

Delta R.T. -0.02 min

Lab File: BM010061.D

Acq: 16 May 2017 19:51

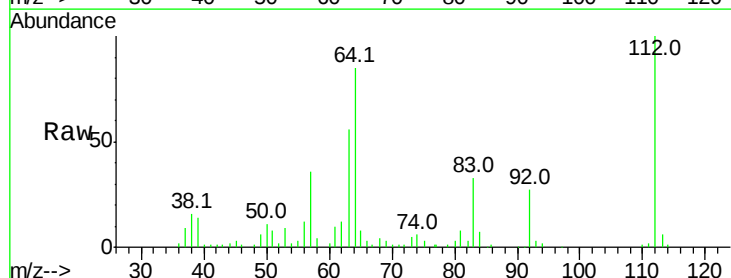
Tgt Ion:112 Resp: 150377

Ion Ratio Lower Upper

112 100

64 84.5 38.6 57.8#

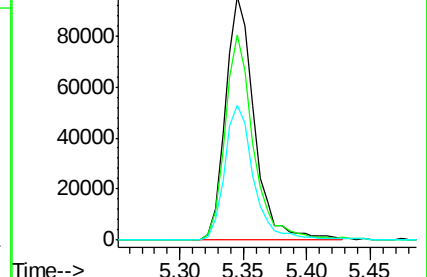
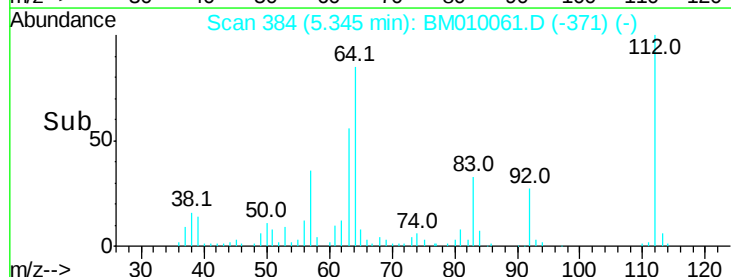
63 55.6 19.3 28.9#

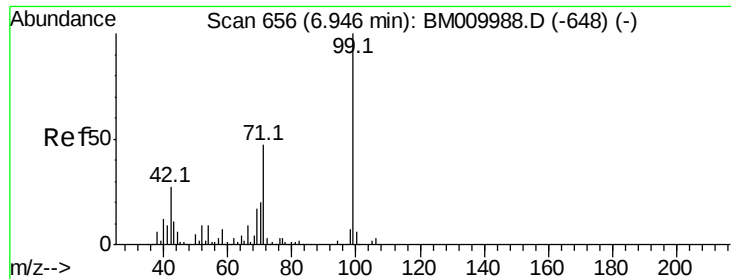


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 37.97 ng

RT: 6.93 min Scan# 654

Delta R.T. -0.04 min

Lab File: BM010061.D

Acq: 16 May 2017 19:51

Instrument :

BNA_M

ClientSampled :

WS-2

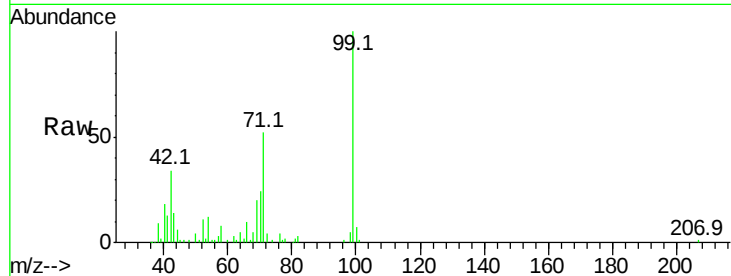
Tot Ion: 99 Resp: 140916

Ion Ratio Lower Upper

99 100

42 34.1 11.0 16.4#

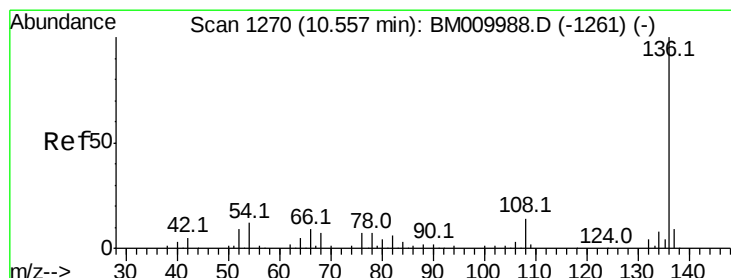
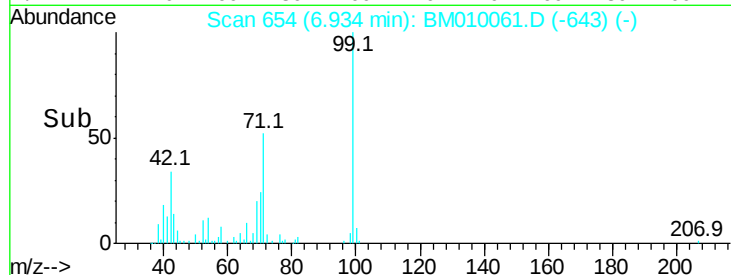
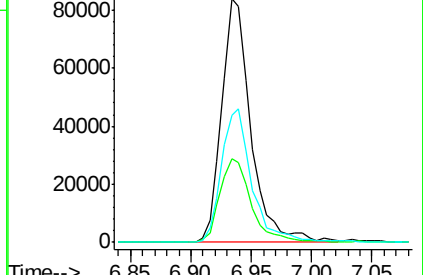
71 52.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010061.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BM010061.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BM010061.D (-643) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BM010061.D

Acq: 16 May 2017 19:51

Tgt Ion: 136 Resp: 153111

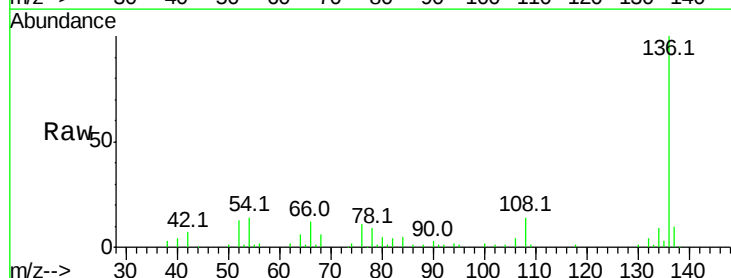
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 14.1 4.6 6.8#

68 6.2 3.7 5.5#

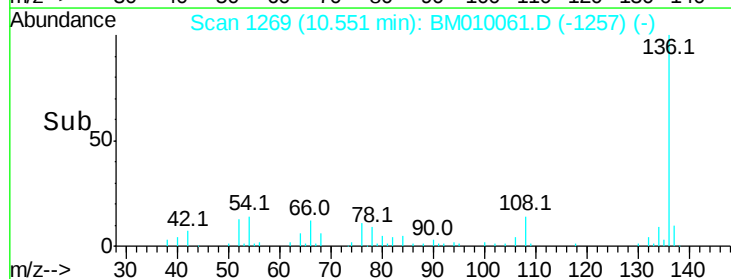
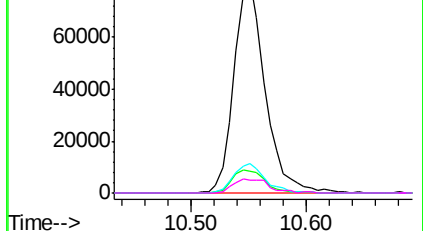


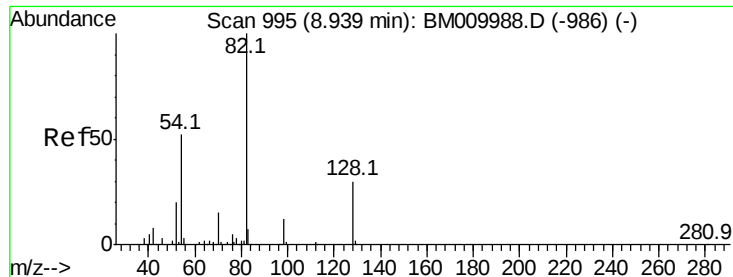
Abundance Ion 136.00 (135.70 to 136.70): BM010061.D (-1257) (-)

Ion 137.00 (136.70 to 137.70): BM010061.D (-1257) (-)

Ion 54.00 (53.70 to 54.70): BM010061.D (-1257) (-)

Ion 68.00 (67.70 to 68.70): BM010061.D (-1257) (-)





#23

Nitrobenzene-d5

Concen: 127.10 ng

RT: 8.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BM010061.D

Acq: 16 May 2017 19:51

Instrument :

BNA_M

ClientSampleId :

WS-2

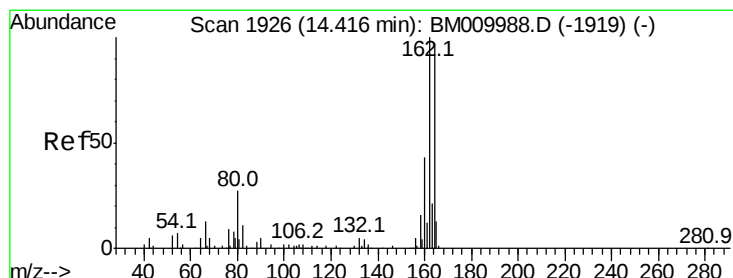
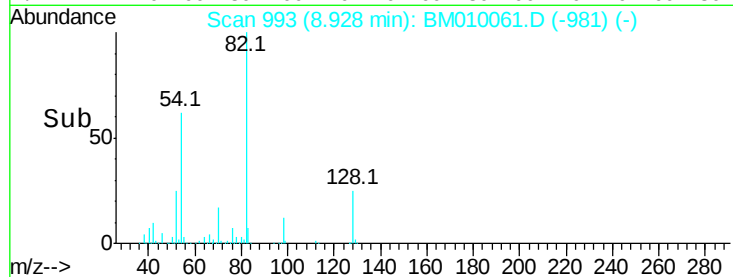
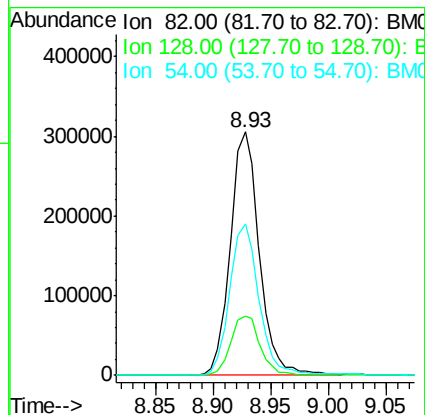
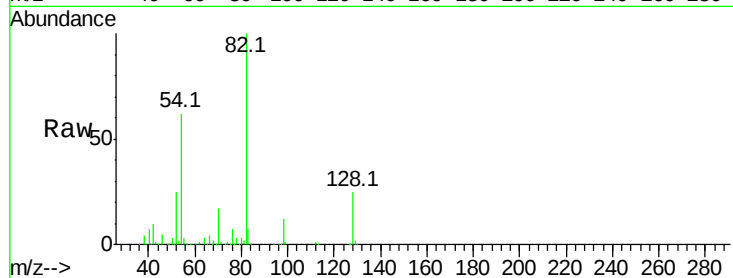
Tot Ion: 82 Resp: 532522

Ion Ratio Lower Upper

82 100

128 24.6 32.8 49.2#

54 62.1 40.6 60.8#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM010061.D

Acq: 16 May 2017 19:51

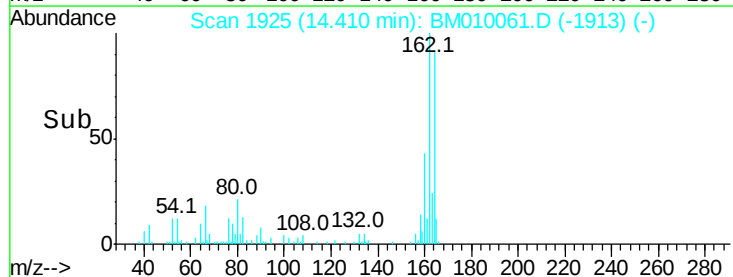
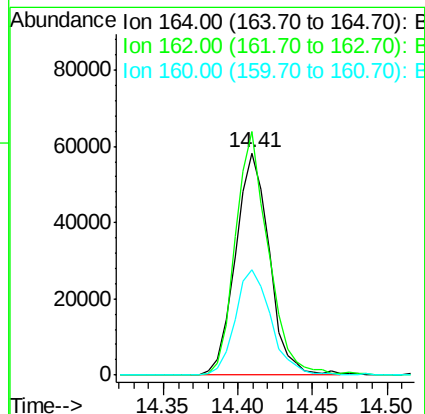
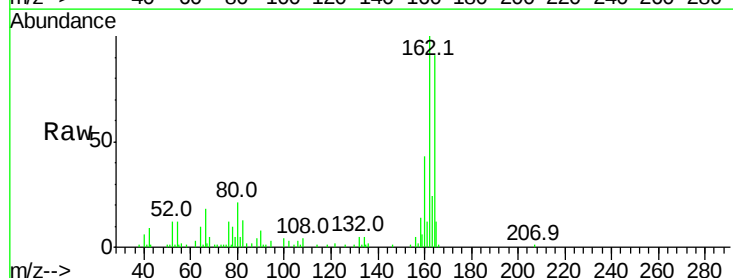
Tgt Ion: 164 Resp: 92301

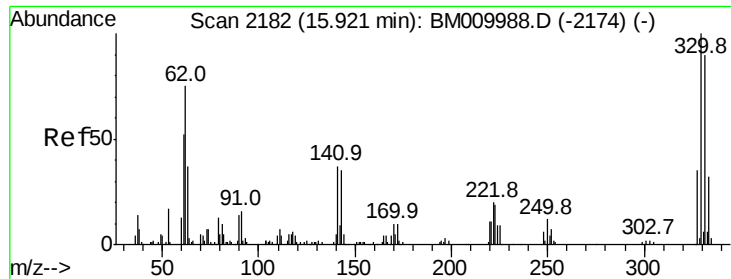
Ion Ratio Lower Upper

164 100

162 109.6 82.4 123.6

160 47.3 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 109.97 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010061.D

Acq: 16 May 2017 19:51

Instrument :

BNA_M

ClientSampleId :

WS-2

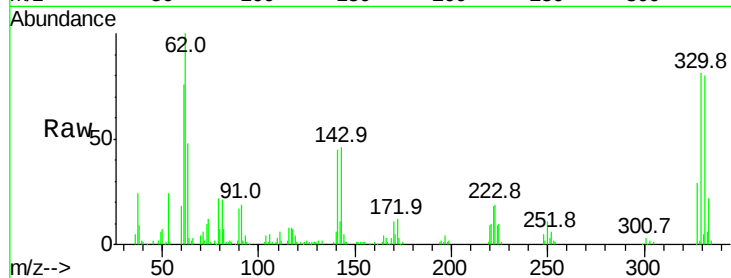
Tot Ion:330 Resp: 138911

Ion Ratio Lower Upper

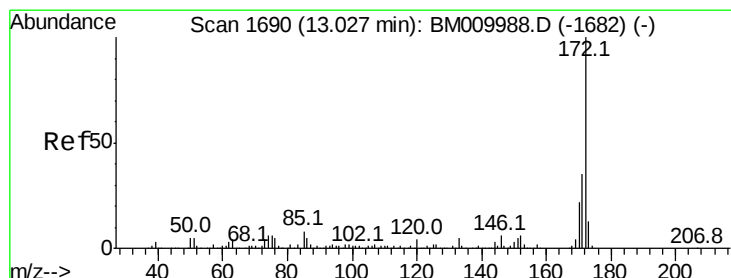
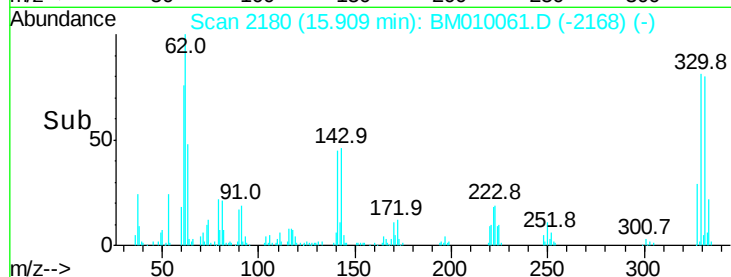
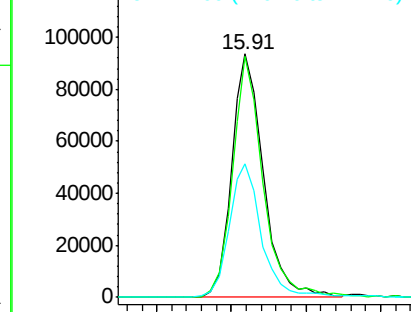
330 100

332 94.9 0.0 0.0#

141 55.9 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: 123.38 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.03 min

Lab File: BM010061.D

Acq: 16 May 2017 19:51

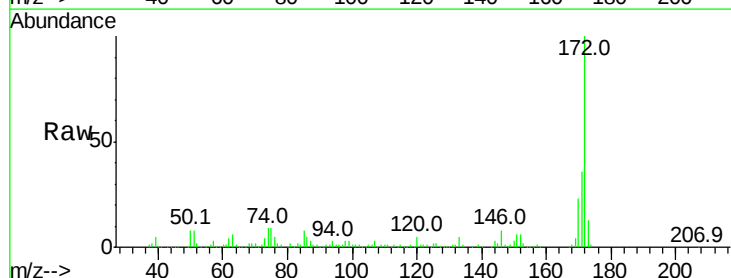
Tgt Ion:172 Resp: 851579

Ion Ratio Lower Upper

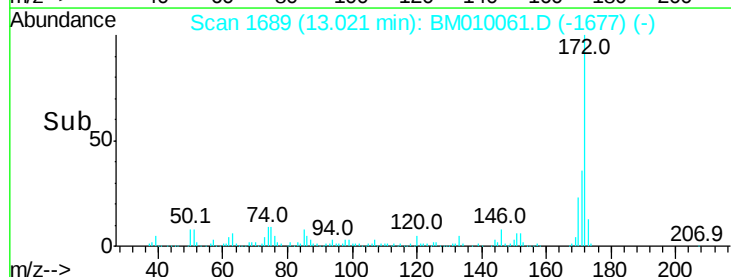
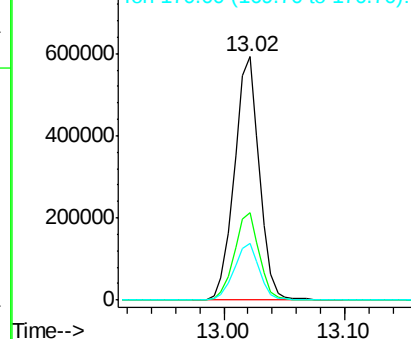
172 100

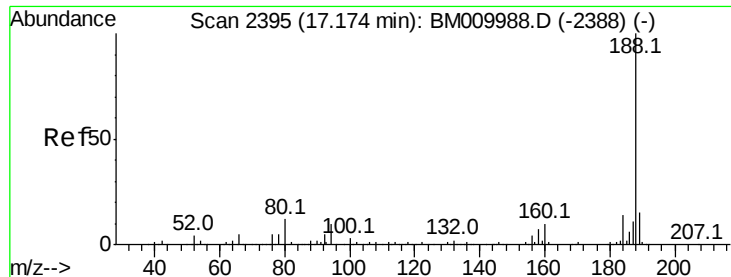
171 35.8 28.5 42.7

170 23.1 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

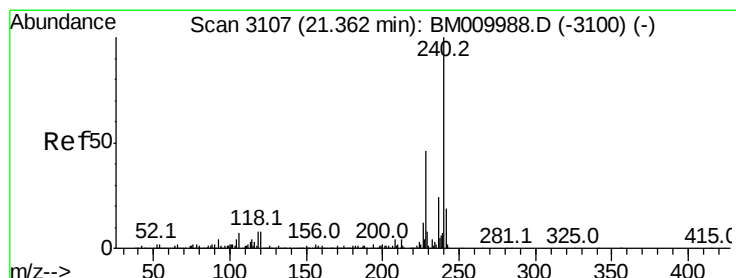
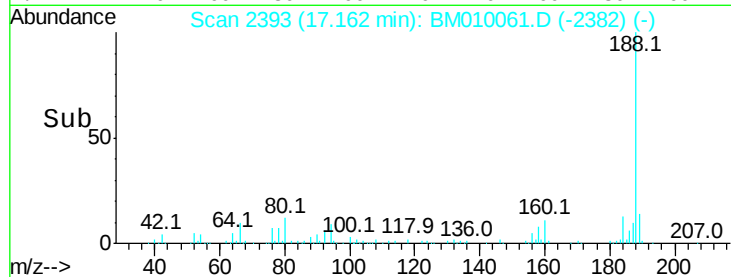
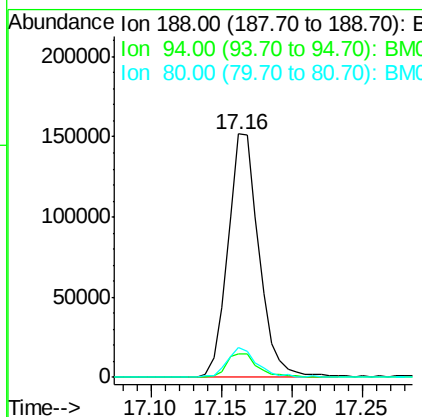
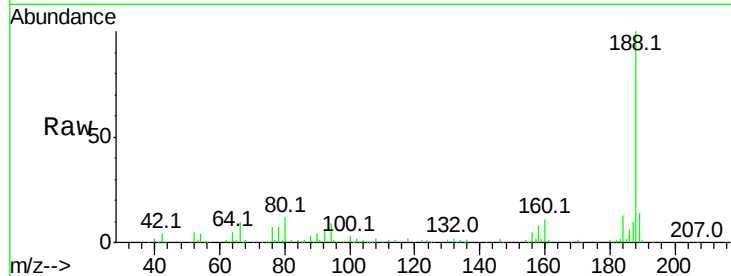




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2393
Delta R.T. -0.04 min
Lab File: BM010061.D
Acq: 16 May 2017 19:51

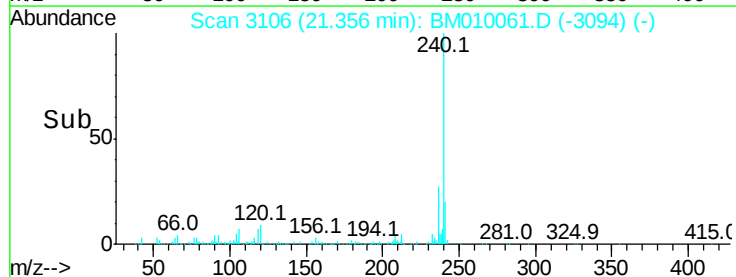
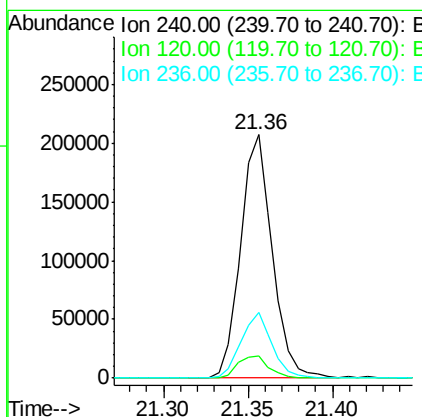
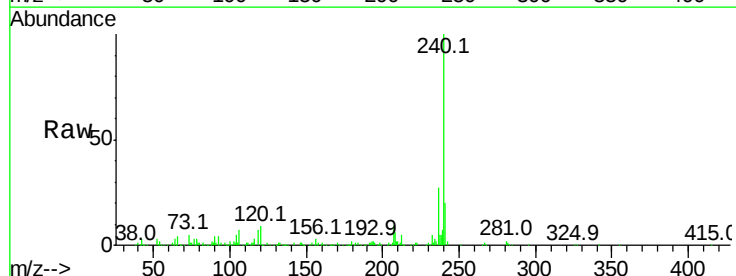
Instrument :
BNA_M
ClientSampleId :
WS-2

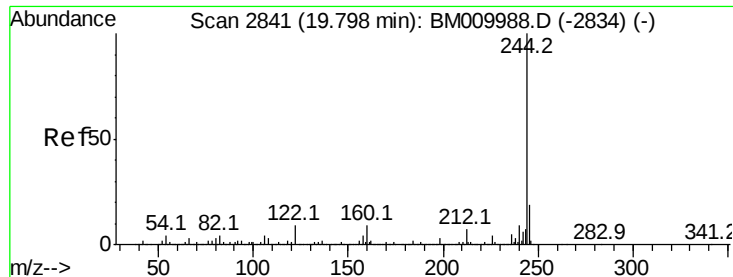
Tot Ion:188 Resp: 232974
Ion Ratio Lower Upper
188 100
94 9.4 8.7 13.1
80 12.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010061.D
Acq: 16 May 2017 19:51

Tgt Ion:240 Resp: 270338
Ion Ratio Lower Upper
240 100
120 9.3 8.2 12.2
236 27.1 20.0 30.0



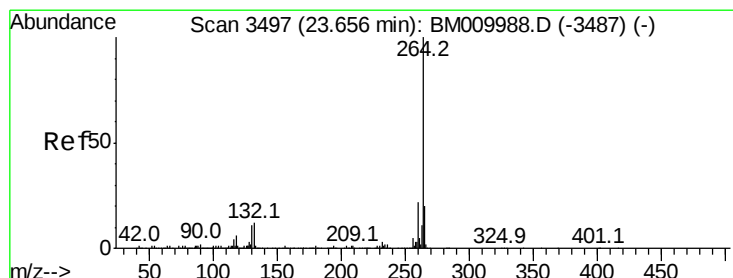
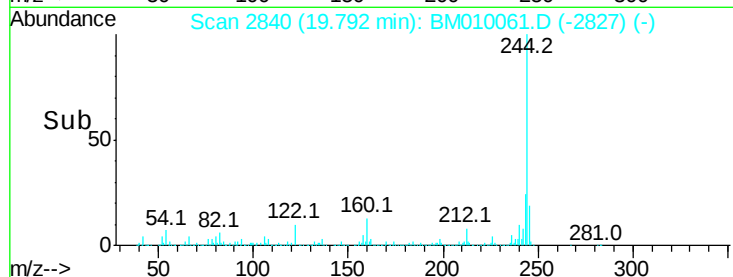
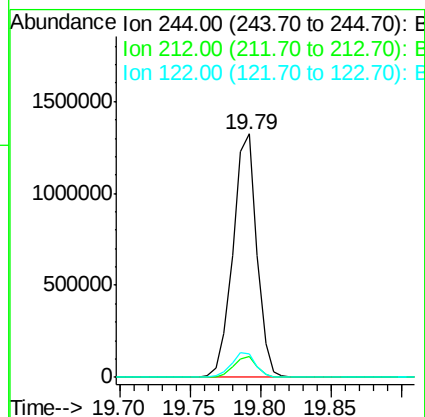
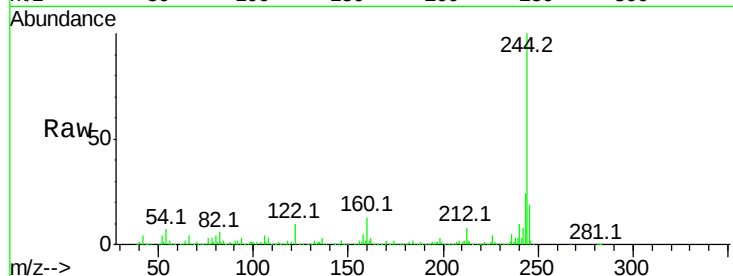


#78
 Terphenyl-d14
 Concen: 121.57 ng
 RT: 19.79 min Scan# 2840
 Delta R.T. -0.02 min
 Lab File: BM010061.D
 Acq: 16 May 2017 19:51

Instrument :
 BNA_M
 ClientSampleId :
 WS-2

Tot Ion:244 Resp: 1559351

Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	9.8	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.64 min Scan# 3495
 Delta R.T. -0.05 min
 Lab File: BM010061.D
 Acq: 16 May 2017 19:51

Tgt Ion:264 Resp: 227435

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.6	27.8
265	24.1	17.3	25.9

