

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051617\
 Data File : BM010060.D
 Acq On : 16 May 2017 19:15
 Operator : SJ/MA
 Sample : I3150-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WS-1

Quant Time: May 17 04:32:03 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	7.75	152	35681	20.00	ng	-0.03
21) Naphthalene-d8	10.55	136	144655	20.00	ng	-0.03
38) Acenaphthene-d10	14.41	164	85317	20.00	ng	-0.03
63) Phenanthrene-d10	17.17	188	237326	20.00	ng	-0.03
75) Chrysene-d12	21.36	240	323656	20.00	ng	-0.03
86) Perylene-d12	23.64	264	280162	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	122570	53.76	ng	-0.02
7) Phenol-d6	6.94	99	119157	32.62	ng	-0.03
23) Nitrobenzene-d5	8.93	82	473001	119.50	ng	-0.03
41) 2,4,6-Tribromophenol	15.91	330	136522	116.92	ng	-0.03
44) 2-Fluorobiphenyl	13.02	172	773356	121.22	ng	-0.03
78) Terphenyl-d14	19.79	244	1682269	109.54	ng	-0.02

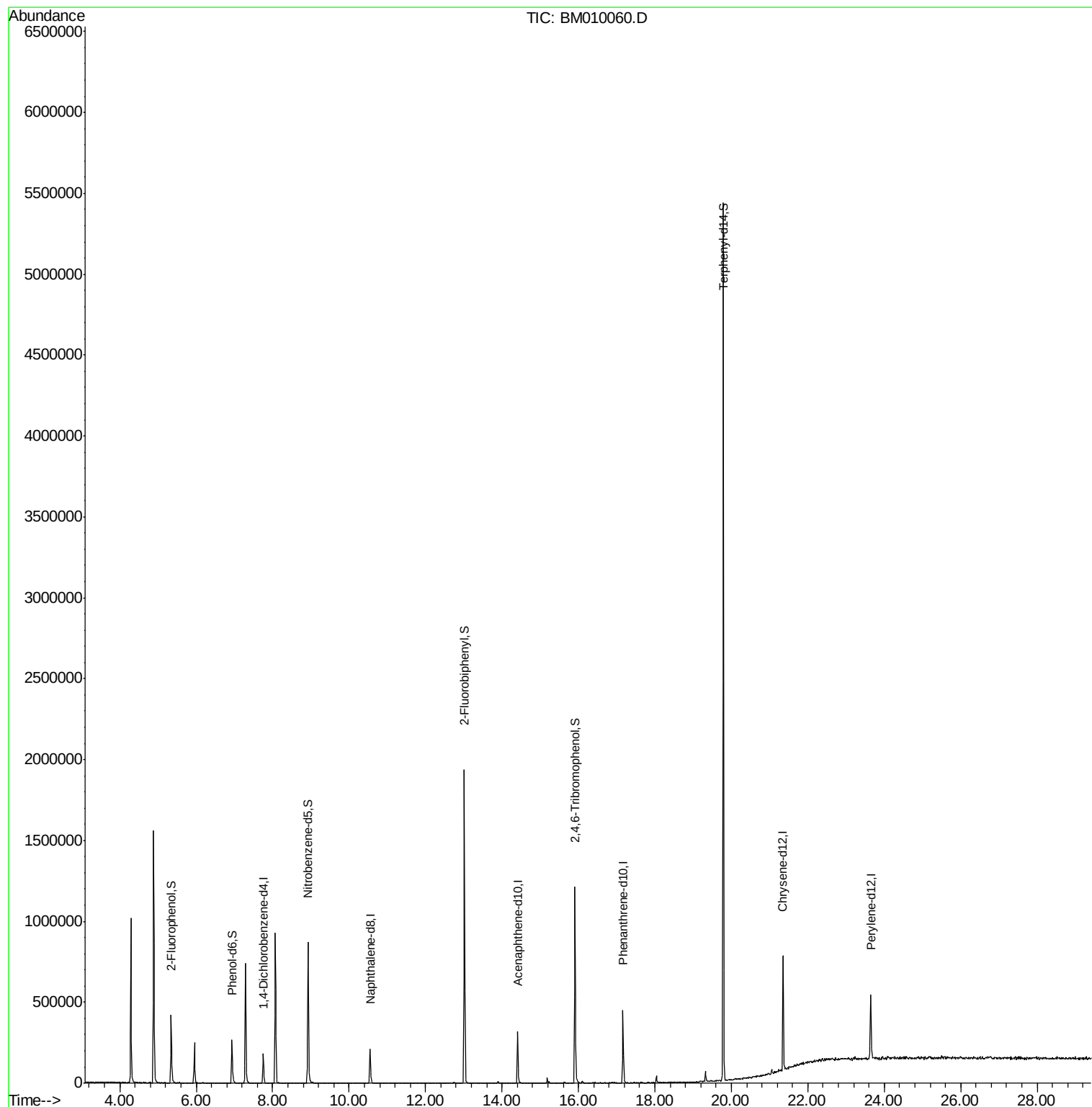
Target Compounds Qvalue

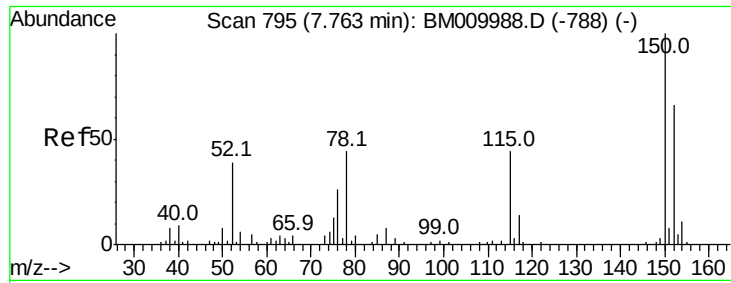
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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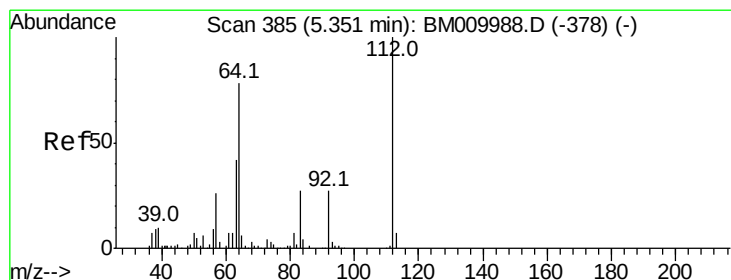
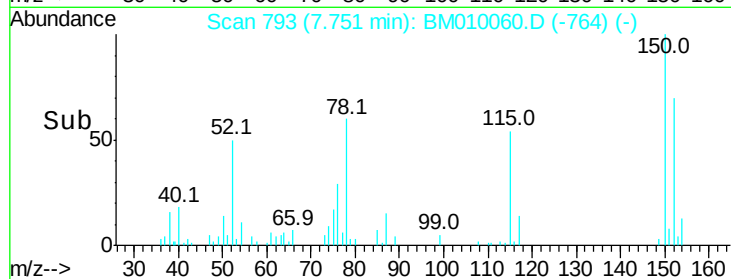
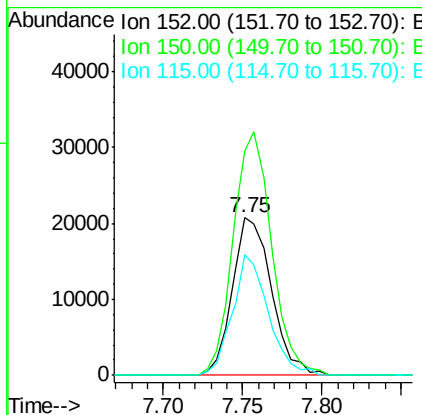
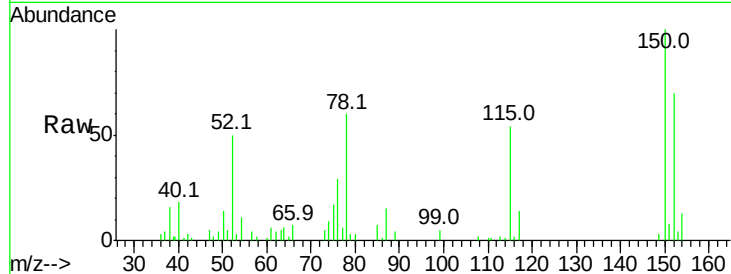


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Instrument :
BNA_M
ClientSampled :
WS-1

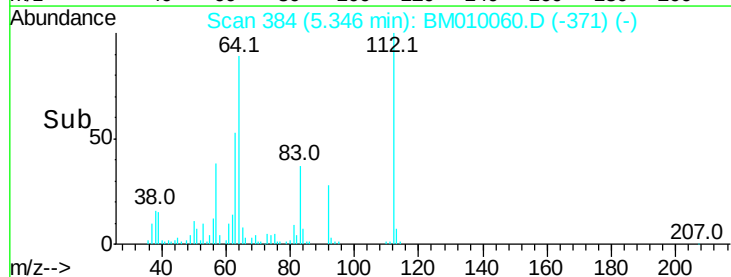
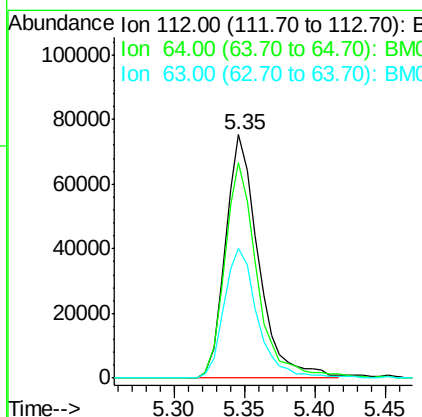
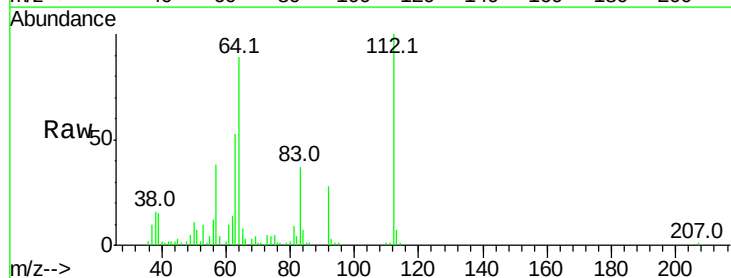
Tot Ion:152 Resp: 35681
Ion Ratio Lower Upper
152 100
150 142.3 119.5 179.3
115 76.9 43.0 64.4#

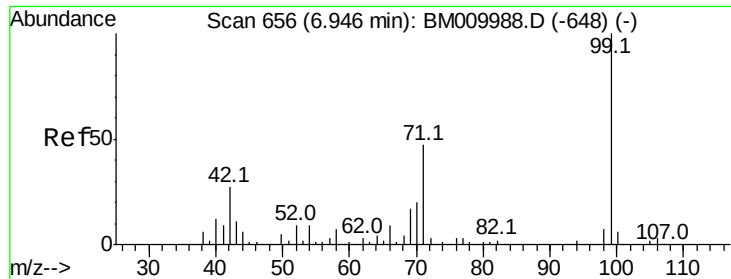


#5

2-Fluorophenol
Concen: 53.76 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Tgt Ion:112 Resp: 122570
Ion Ratio Lower Upper
112 100
64 88.5 38.6 57.8#
63 53.0 19.3 28.9#





#7

Phenol-d6

Concen: 32.62 ng

RT: 6.94 min Scan# 655

Delta R.T. -0.03 min

Lab File: BM010060.D

Acq: 16 May 2017 19:15

Instrument :

BNA_M

ClientSampled :

WS-1

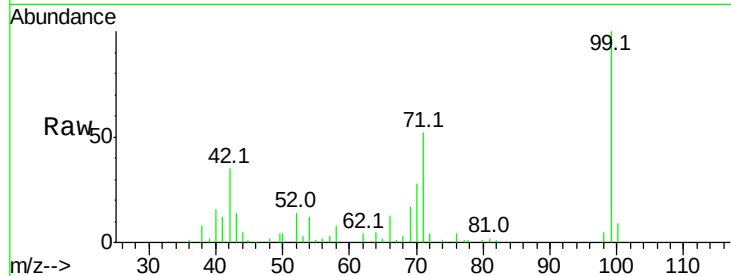
Tot Ion: 99 Resp: 119157

Ion Ratio Lower Upper

99 100

42 35.4 11.0 16.4#

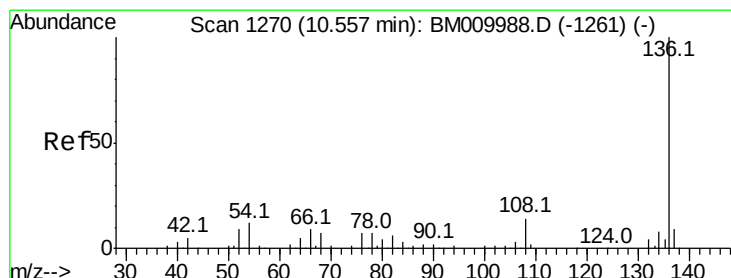
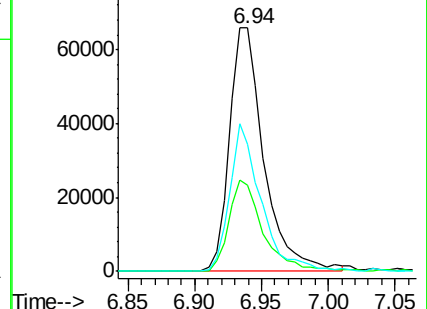
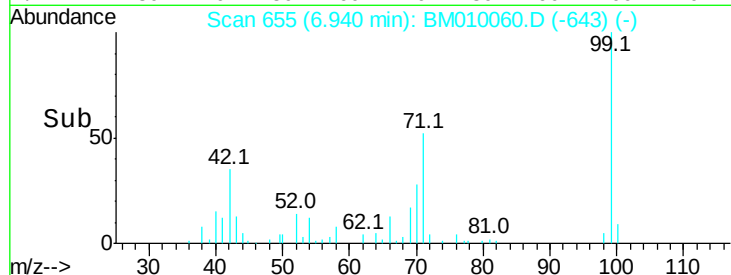
71 52.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010060.D (-643) (-)

Ion 42.00 (41.70 to 42.70): BM010060.D (-643) (-)

Ion 71.00 (70.70 to 71.70): BM010060.D (-643) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.55 min Scan# 1269

Delta R.T. -0.03 min

Lab File: BM010060.D

Acq: 16 May 2017 19:15

Tgt Ion: 136 Resp: 144655

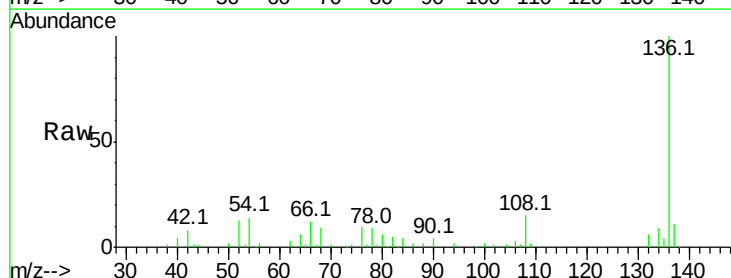
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 14.5 4.6 6.8#

68 9.1 3.7 5.5#

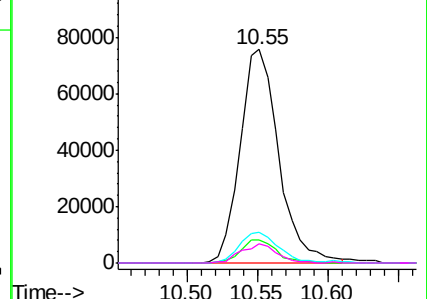
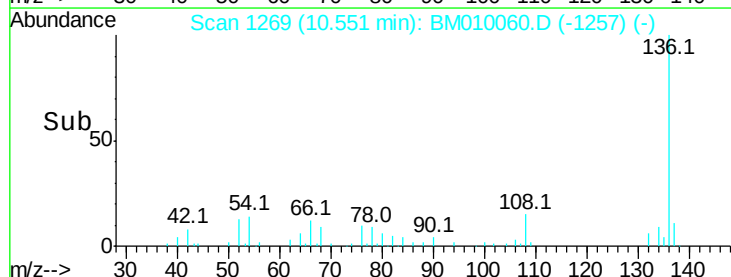


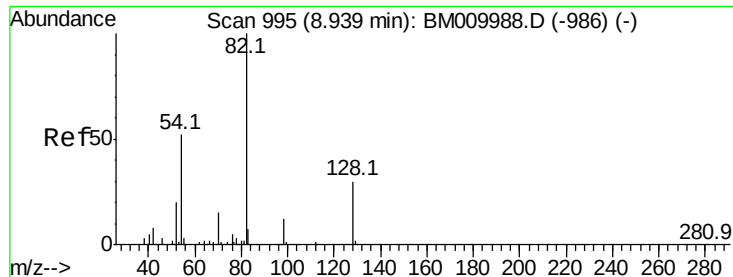
Abundance Ion 136.00 (135.70 to 136.70): BM010060.D (-1257) (-)

Ion 137.00 (136.70 to 137.70): BM010060.D (-1257) (-)

Ion 54.00 (53.70 to 54.70): BM010060.D (-1257) (-)

Ion 68.00 (67.70 to 68.70): BM010060.D (-1257) (-)





#23

Nitrobenzene-d5

Concen: 119.50 ng

RT: 8.93 min Scan# 993

Delta R.T. -0.03 min

Lab File: BM010060.D

Acq: 16 May 2017 19:15

Instrument :

BNA_M

ClientSampleId :

WS-1

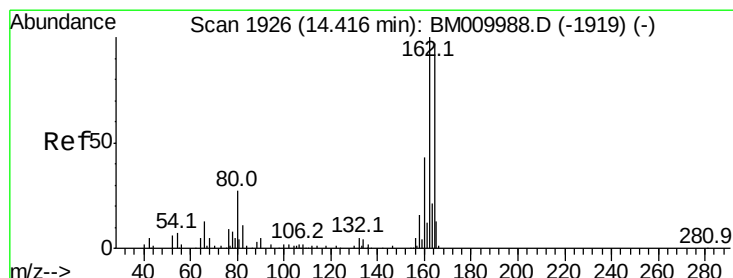
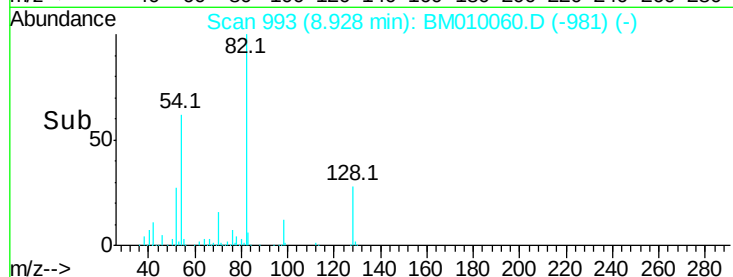
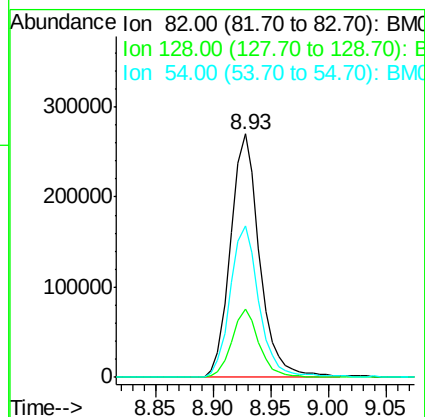
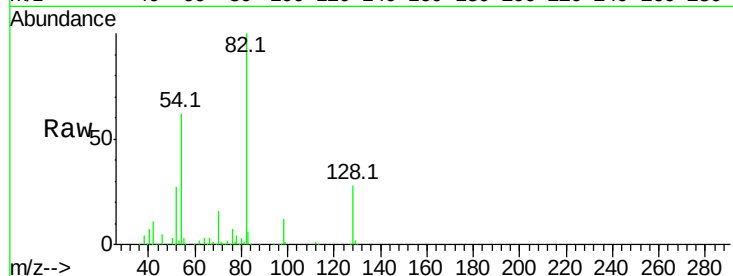
Tot Ion: 82 Resp: 473001

Ion Ratio Lower Upper

82 100

128 27.8 32.8 49.2#

54 62.0 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: BM010060.D

Acq: 16 May 2017 19:15

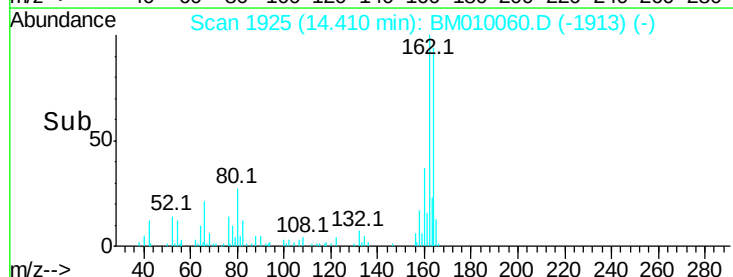
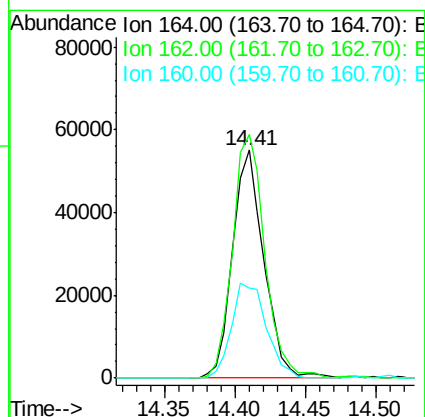
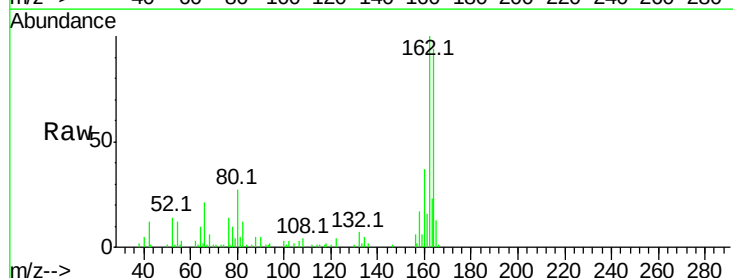
Tgt Ion: 164 Resp: 85317

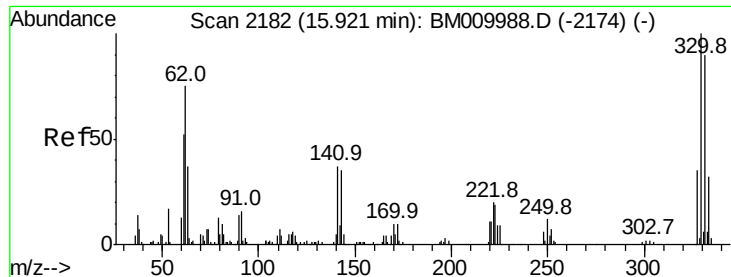
Ion Ratio Lower Upper

164 100

162 106.7 82.4 123.6

160 39.3 35.8 53.6





#41

2,4,6-Tribromophenol

Concen: 116.92 ng

RT: 15.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BM010060.D

Acq: 16 May 2017 19:15

Instrument :

BNA_M

ClientSampleId :

WS-1

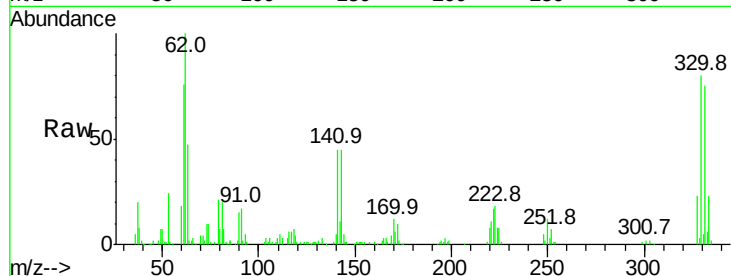
Tot Ion:330 Resp: 136522

Ion Ratio Lower Upper

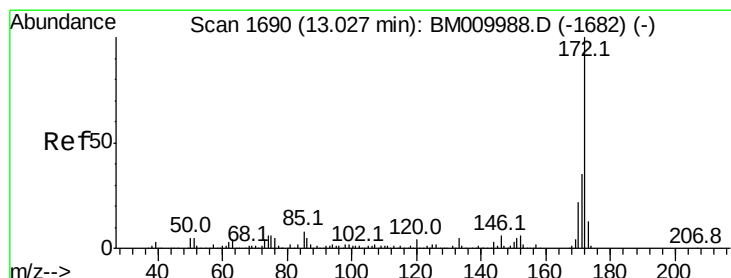
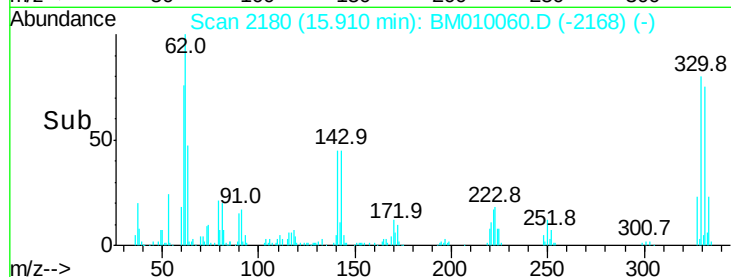
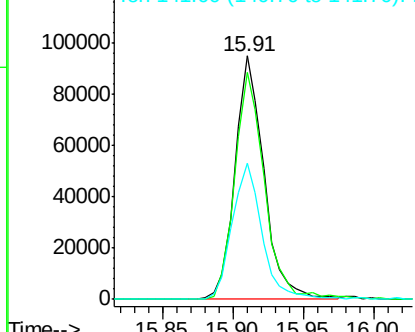
330 100

332 95.7 0.0 0.0#

141 57.3 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: 121.22 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.03 min

Lab File: BM010060.D

Acq: 16 May 2017 19:15

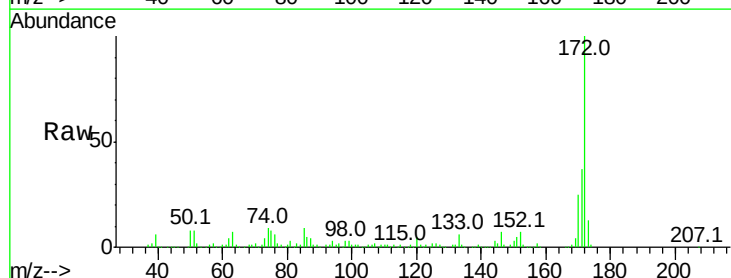
Tgt Ion:172 Resp: 773356

Ion Ratio Lower Upper

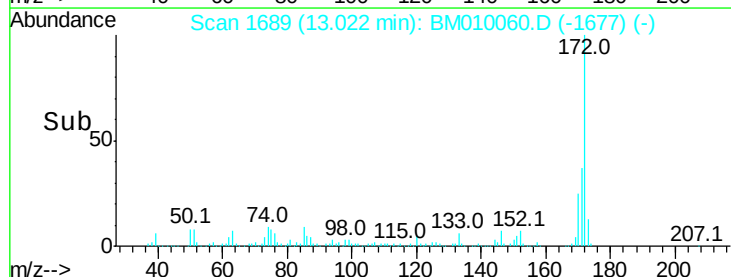
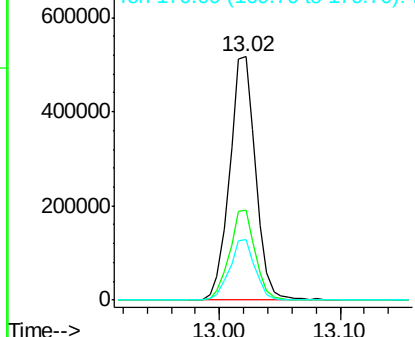
172 100

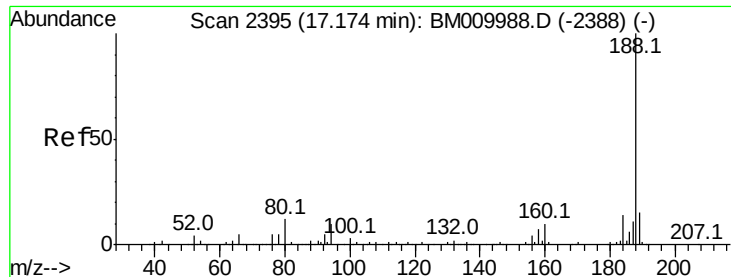
171 36.8 28.5 42.7

170 25.1 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

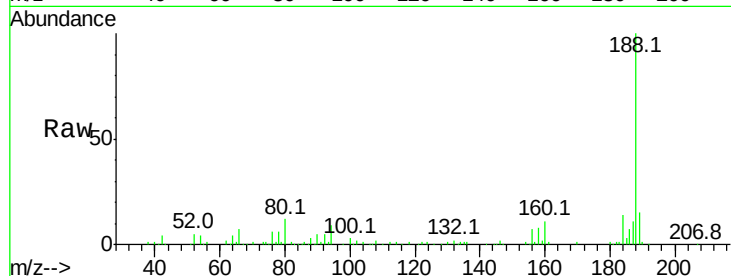




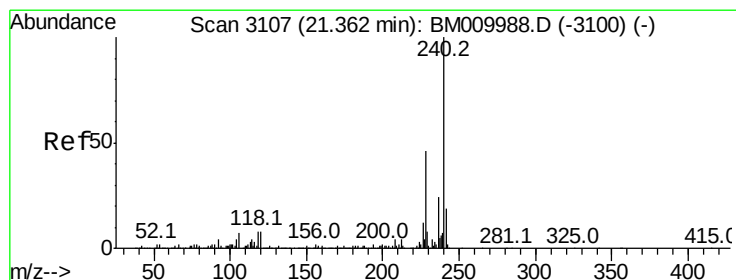
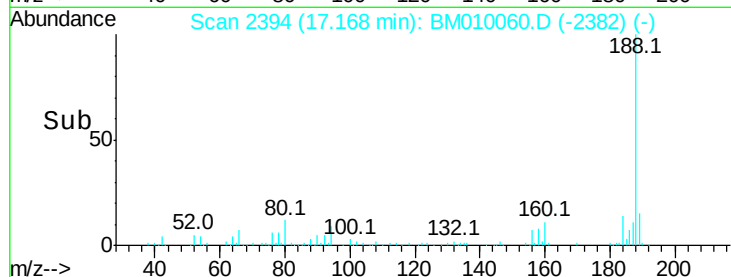
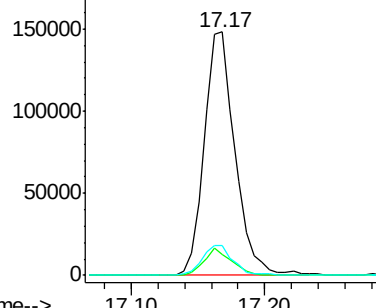
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.17 min Scan# 2394
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Instrument :
BNA_M
ClientSampleId :
WS-1

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.7	8.7	13.1#
80	12.2	9.3	13.9

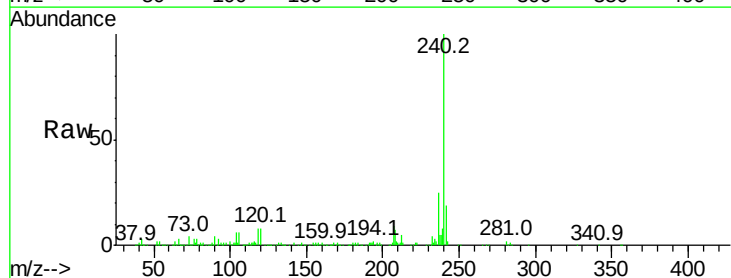


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

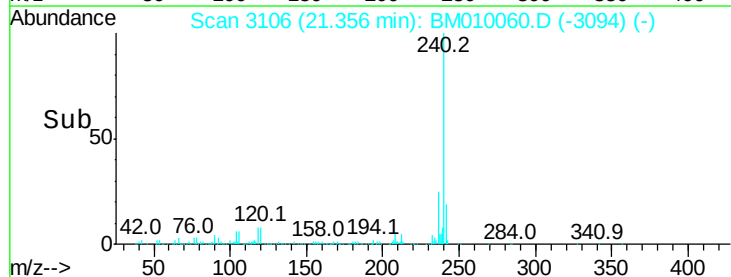
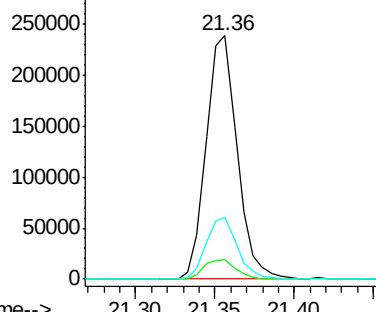


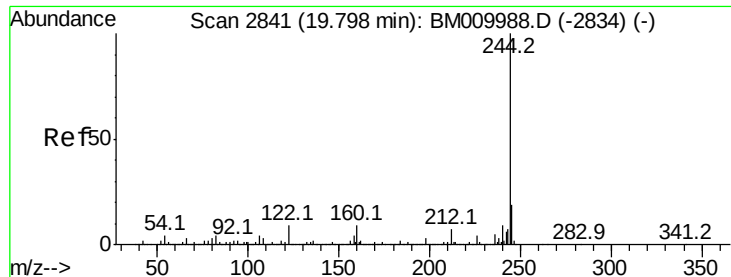
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.36 min Scan# 3106
Delta R.T. -0.03 min
Lab File: BM010060.D
Acq: 16 May 2017 19:15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	8.2	12.2
236	25.4	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: 109.54 ng

RT: 19.79 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BM010060.D

Acq: 16 May 2017 19:15

Instrument :

BNA_M

ClientSampleId :

WS-1

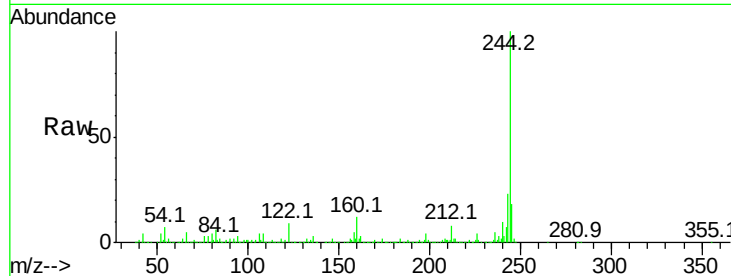
Tot Ion:244 Resp: 1682269

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

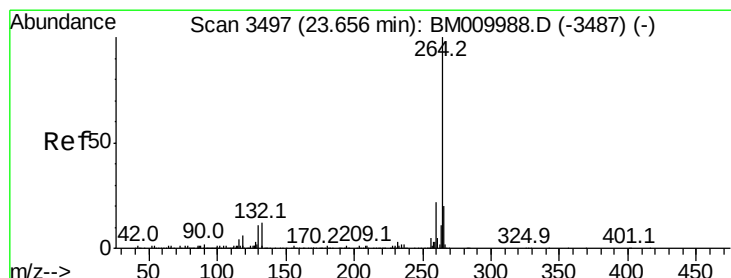
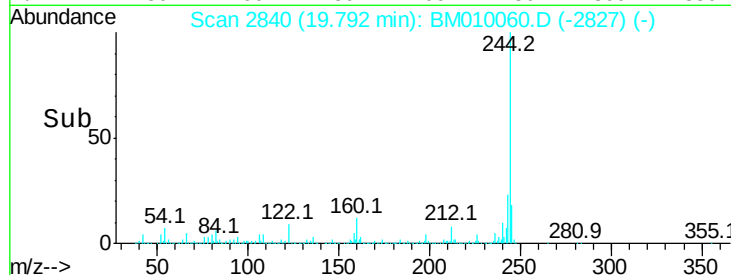
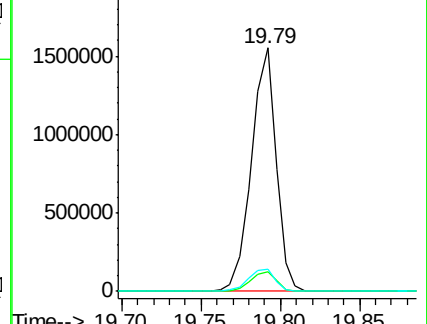
122 9.4 6.2 9.4#



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: 23.64 min Scan# 3495

Delta R.T. -0.05 min

Lab File: BM010060.D

Acq: 16 May 2017 19:15

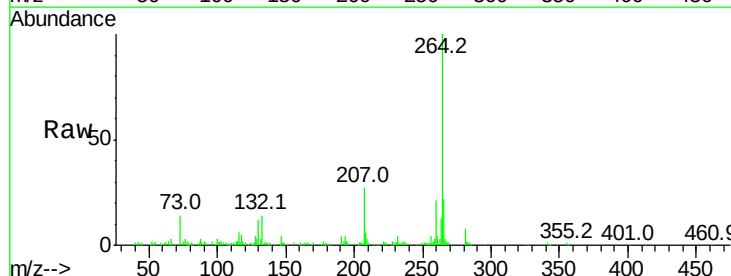
Tgt Ion:264 Resp: 280162

Ion Ratio Lower Upper

264 100

260 21.3 18.6 27.8

265 22.5 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

