

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071317\
 Data File : BM010829.D
 Acq On : 14 Jul 2017 01:10
 Operator : SJ/JU
 Sample : I4163-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-071217

Quant Time: Jul 14 04:18:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	170834	20.00	ng	0.00
21) Naphthalene-d8	10.20	136	623150	20.00	ng	0.00
38) Acenaphthene-d10	14.09	164	401515	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	918097	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1049167	20.00	ng	0.00
86) Perylene-d12	23.20	264	979517	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.09	112	1360219	131.89	ng	0.00
7) Phenol-d6	6.64	99	1648884	115.98	ng	0.00
23) Nitrobenzene-d5	8.59	82	1540194	95.00	ng	0.00
41) 2,4,6-Tribromophenol	15.60	330	905888	147.64	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	3012372	93.33	ng	0.00
78) Terphenyl-d14	19.51	244	4786328	88.23	ng	0.00

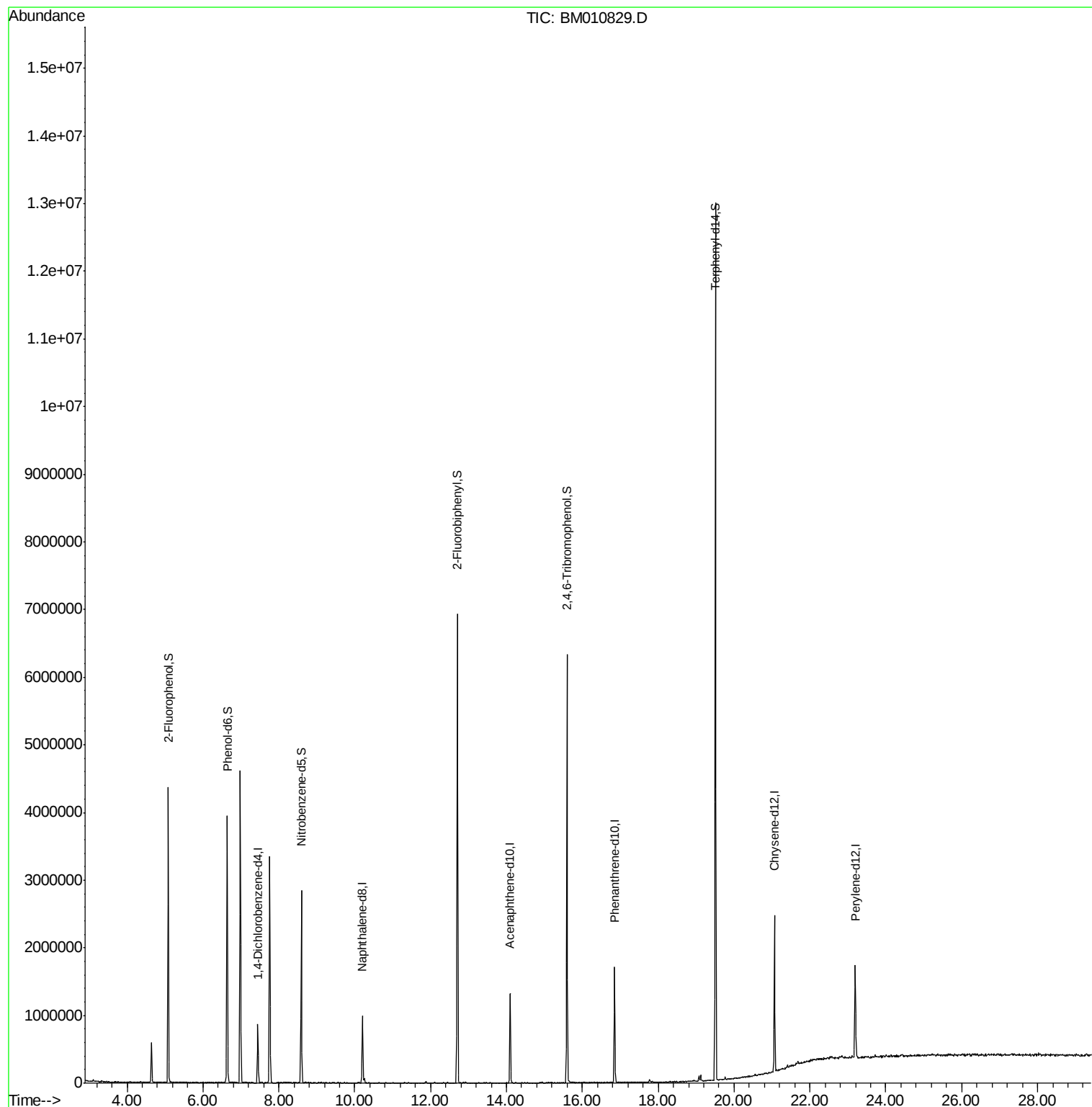
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.45 min Scan# 775

Delta R.T. -0.01 min

Lab File: BM010829.D

Acq: 14 Jul 2017 01:10

Instrument :

BNA_M

ClientSampleId :

SU-04-071217

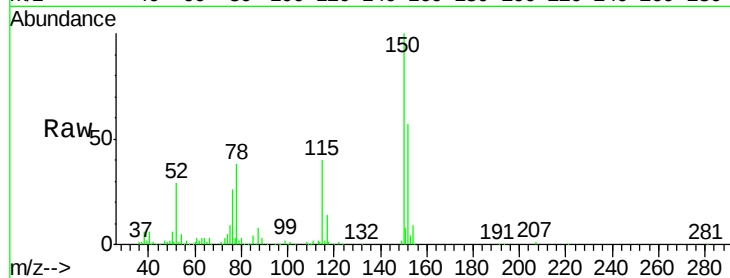
Tot Ion:152 Resp: 170834

Ion Ratio Lower Upper

152 100

150 176.5 119.5 179.3

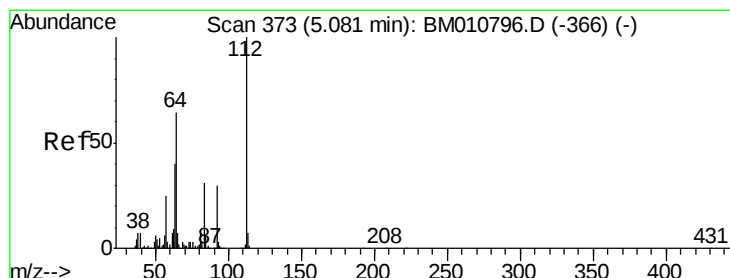
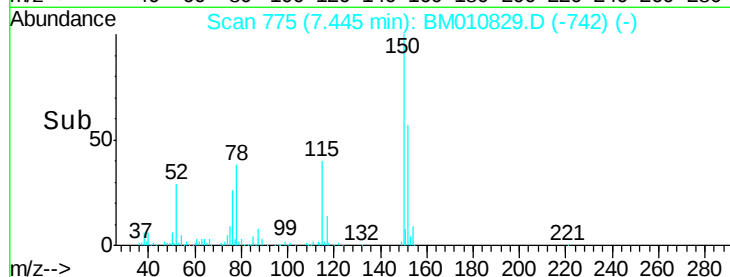
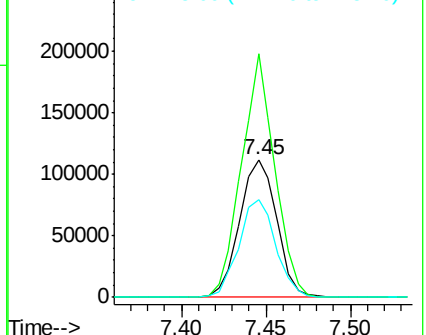
115 70.7 43.0 64.4#



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



#5

2-Fluorophenol

Concen: 131.89 ng

RT: 5.09 min Scan# 374

Delta R.T. 0.01 min

Lab File: BM010829.D

Acq: 14 Jul 2017 01:10

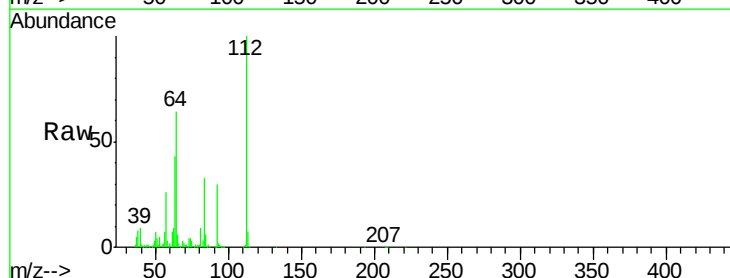
Tgt Ion:112 Resp: 1360219

Ion Ratio Lower Upper

112 100

64 64.1 38.6 57.8#

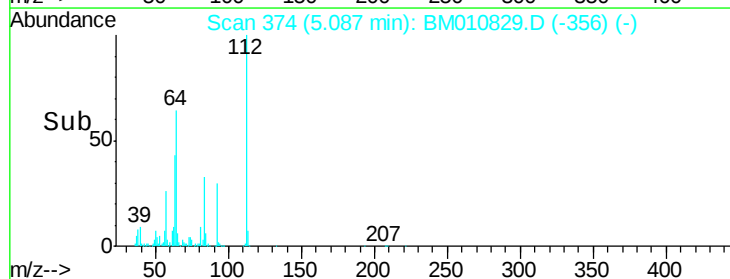
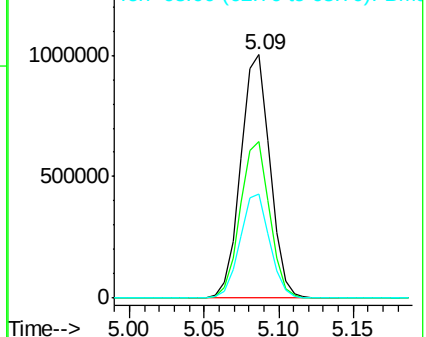
63 42.5 19.3 28.9#

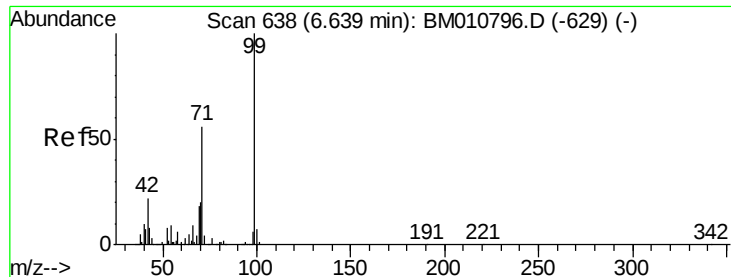


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 115.98 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010829.D

Acq: 14 Jul 2017 01:10

Instrument :

BNA_M

ClientSampled :

SU-04-071217

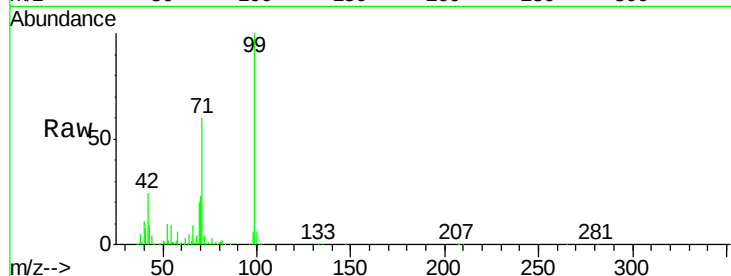
Tot Ion: 99 Resp: 1648884

Ion Ratio Lower Upper

99 100

42 23.7 11.0 16.4#

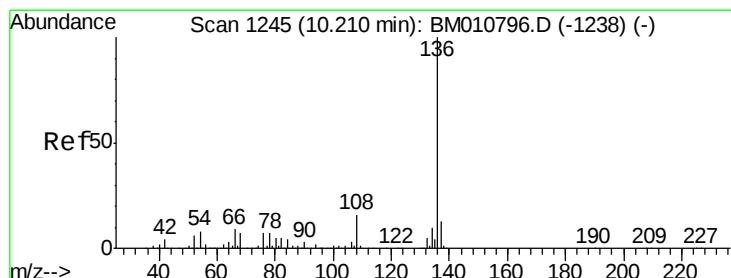
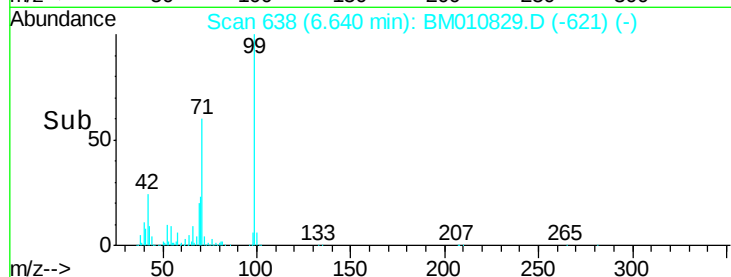
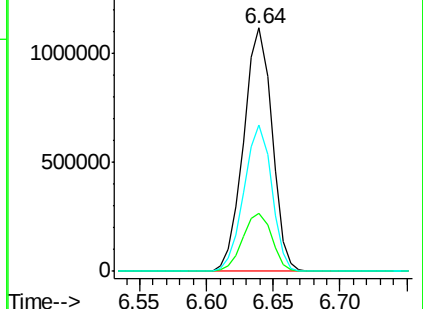
71 60.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BM010829.D

Acq: 14 Jul 2017 01:10

Tgt Ion: 136 Resp: 623150

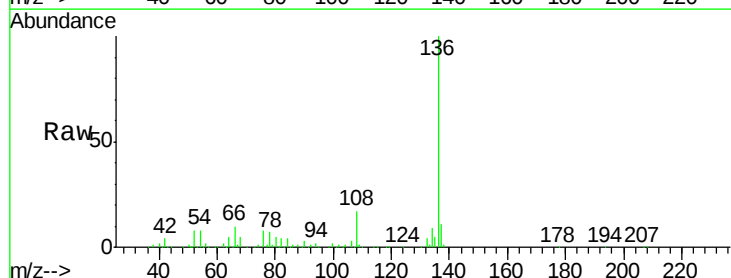
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 8.5 4.6 6.8#

68 4.9 3.7 5.5

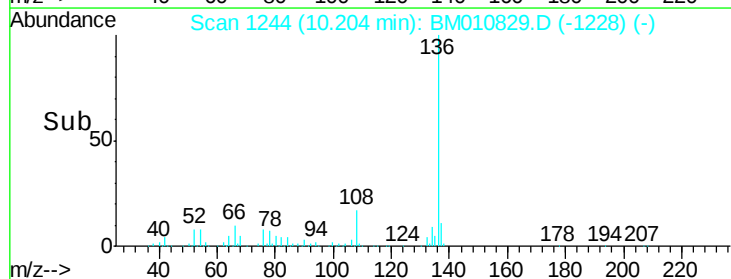
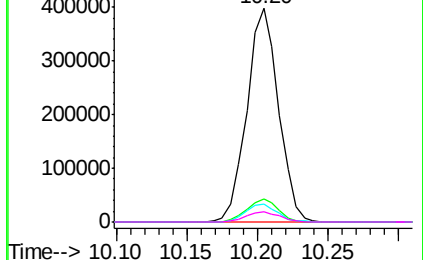


Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

Ion 137.00 (136.70 to 137.70): BM010796.D (-1238) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-1238) (-)

Ion 68.00 (67.70 to 68.70): BM010796.D (-1238) (-)

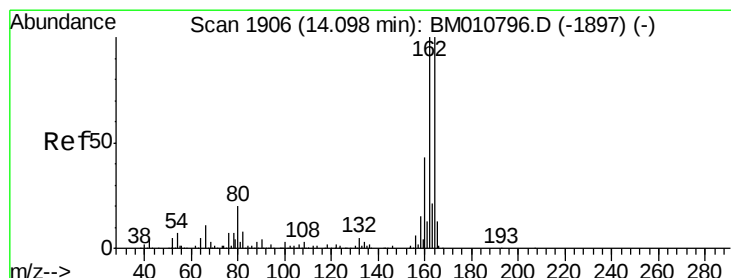
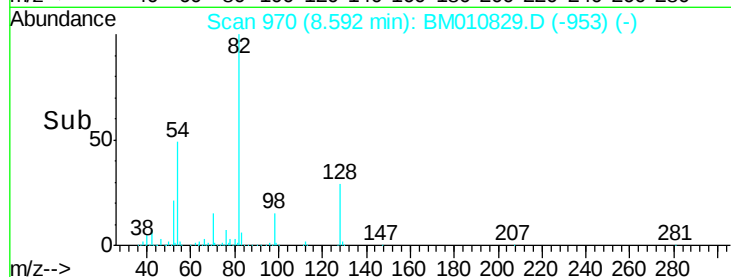
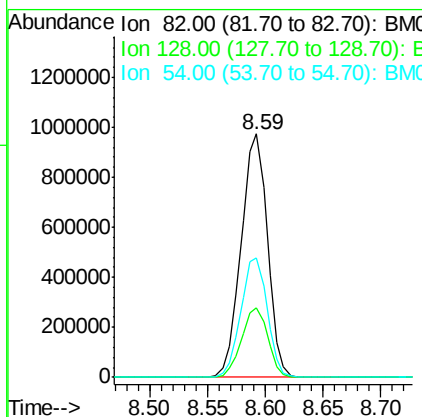
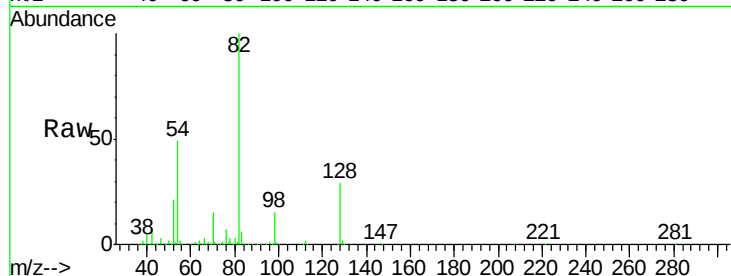




#23
 Nitrobenzene-d5
 Concen: 95.00 ng
 RT: 8.59 min Scan# 970
 Delta R.T. 0.00 min
 Lab File: BM010829.D
 Acq: 14 Jul 2017 01:10

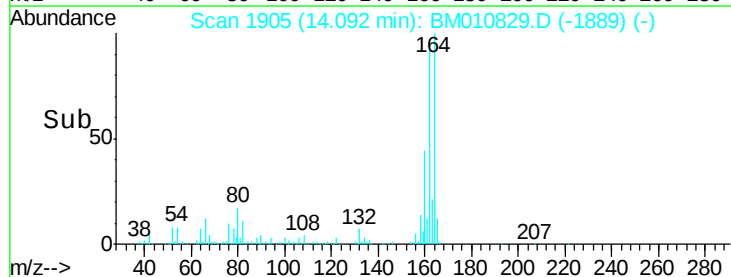
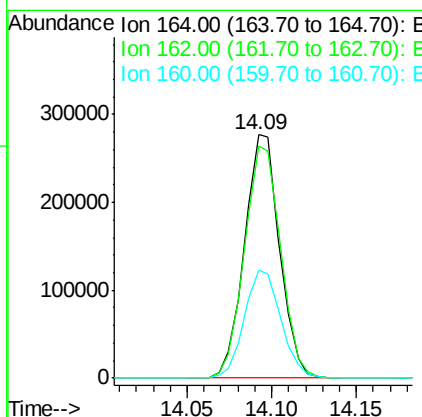
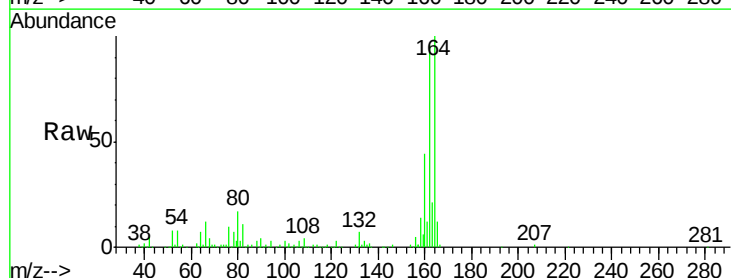
Instrument :
 BNA_M
 ClientSampleId :
 SU-04-071217

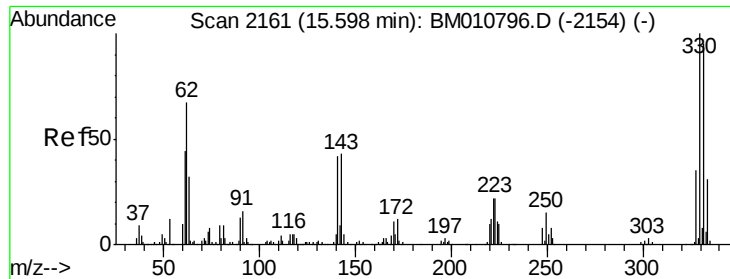
Tot Ion: 82 Resp: 1540194
 Ion Ratio Lower Upper
 82 100
 128 28.6 32.8 49.2#
 54 48.9 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1905
 Delta R.T. -0.01 min
 Lab File: BM010829.D
 Acq: 14 Jul 2017 01:10

Tgt Ion:164 Resp: 401515
 Ion Ratio Lower Upper
 164 100
 162 95.5 82.4 123.6
 160 44.3 35.8 53.6

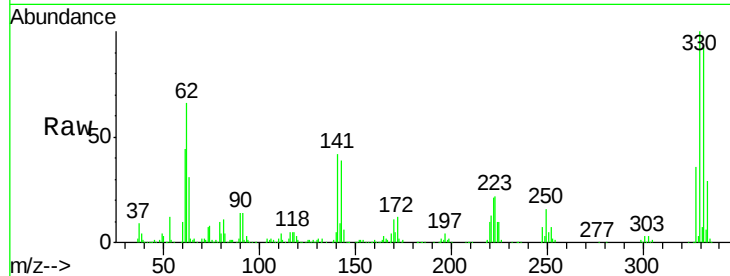




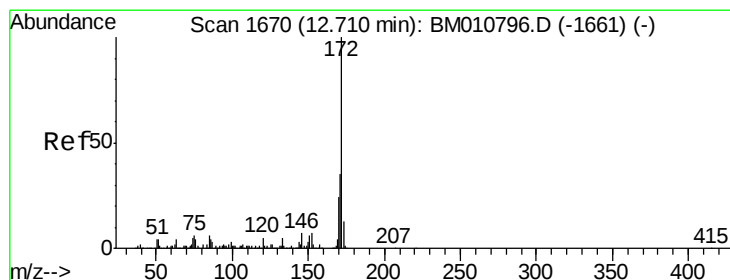
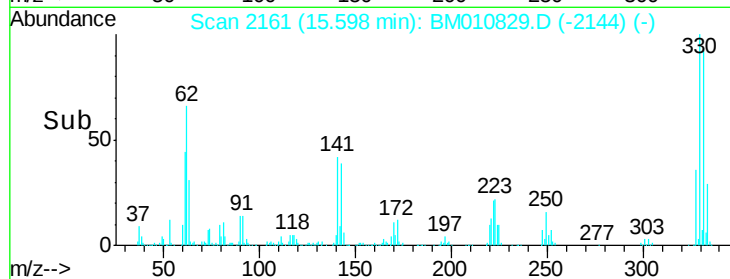
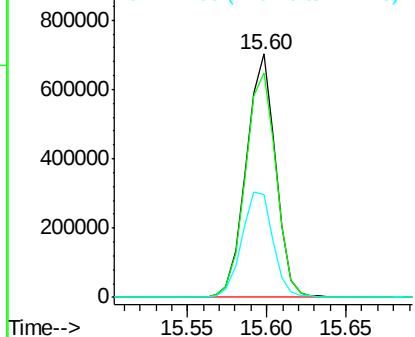
#41
 2,4,6-Tribromophenol
 Concen: 147.64 ng
 RT: 15.60 min Scan# 2161
 Delta R.T. 0.00 min
 Lab File: BM010829.D
 Acq: 14 Jul 2017 01:10

Instrument :
 BNA_M
 ClientSampleId :
 SU-04-071217

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	0.0	0.0#
141	46.1	0.0	0.0#

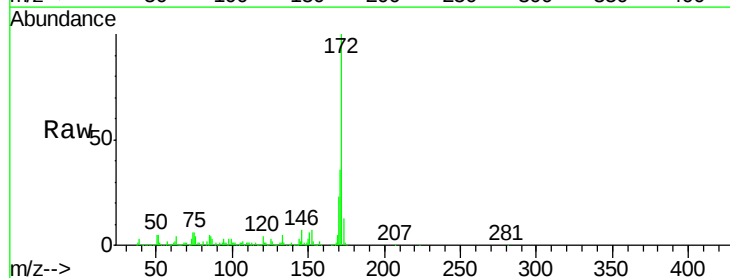


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

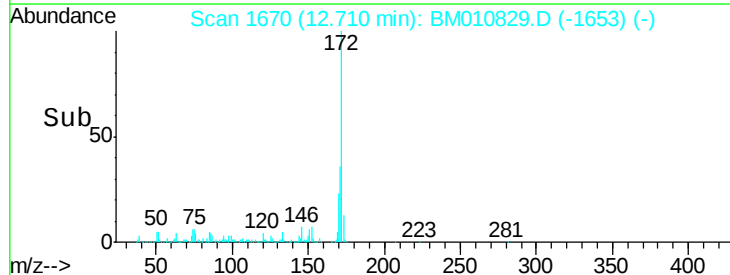
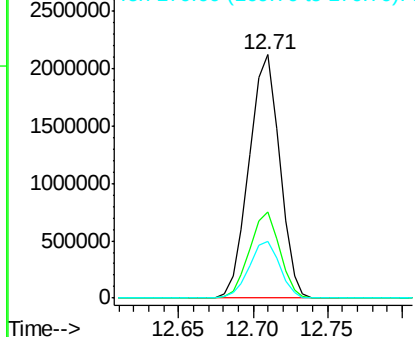


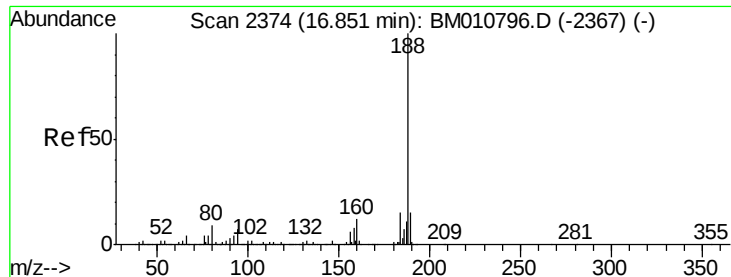
#44
 2-Fluorobiphenyl
 Concen: 93.33 ng
 RT: 12.71 min Scan# 1670
 Delta R.T. 0.00 min
 Lab File: BM010829.D
 Acq: 14 Jul 2017 01:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.4	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: 16.85 min Scan# 2374

Delta R.T. 0.00 min

Lab File: BM010829.D

Acq: 14 Jul 2017 01:10

Instrument :

BNA_M

ClientSampleId :

SU-04-071217

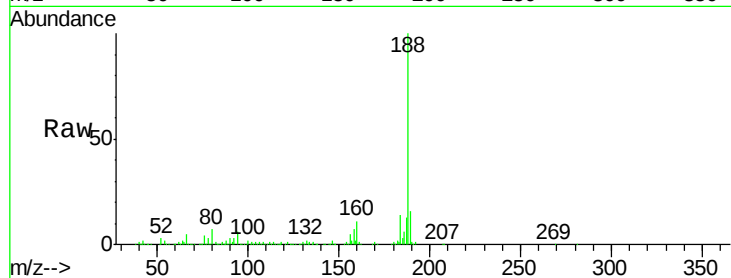
Tot Ion:188 Resp: 918097

Ion Ratio Lower Upper

188 100

94 6.4 8.7 13.1#

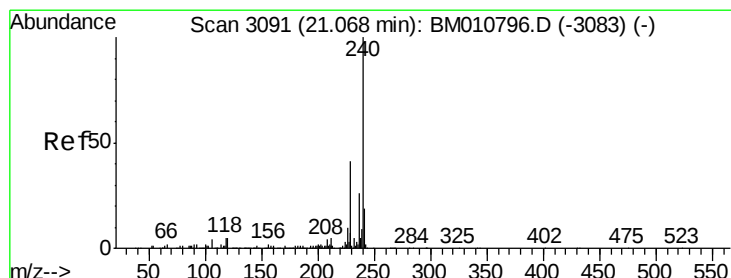
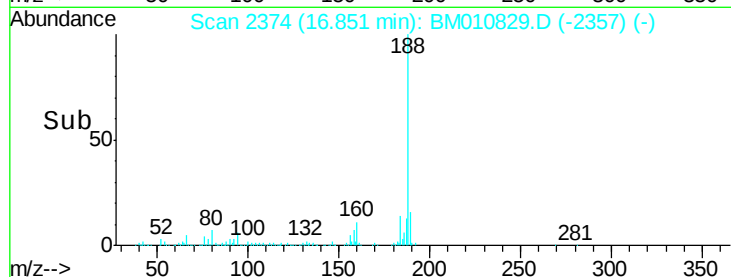
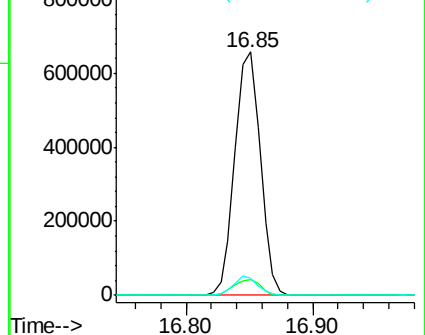
80 6.8 9.3 13.9#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010829.D

Acq: 14 Jul 2017 01:10

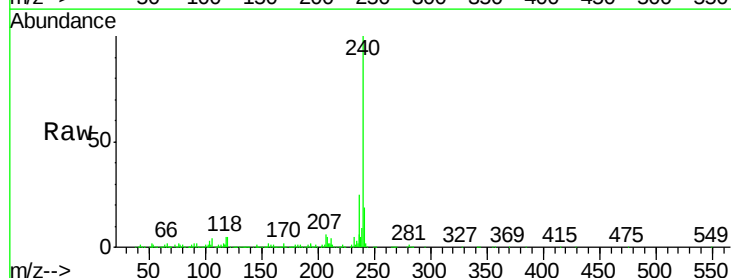
Tgt Ion:240 Resp: 1049167

Ion Ratio Lower Upper

240 100

120 4.6 8.2 12.2#

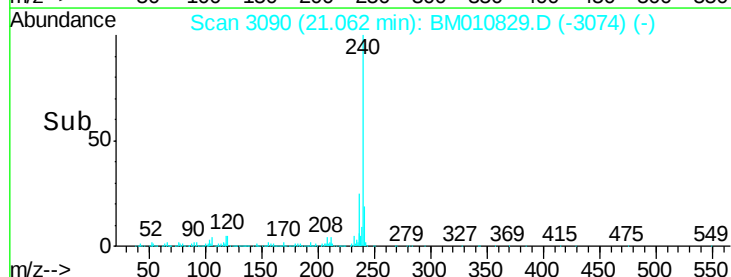
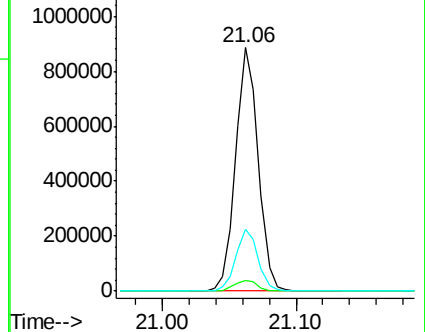
236 25.1 20.0 30.0



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: 88.23 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010829.D

Acq: 14 Jul 2017 01:10

Instrument :

BNA_M

ClientSampleId :

SU-04-071217

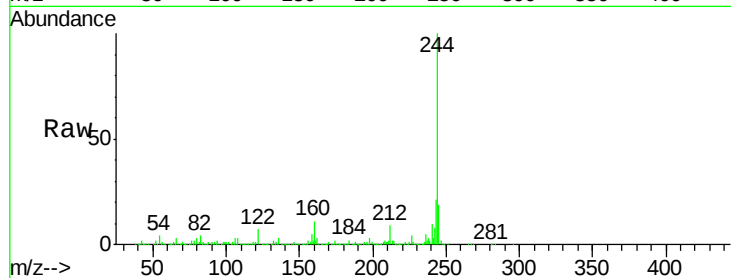
Tot Ion:244 Resp: 4786328

Ion Ratio Lower Upper

244 100

212 8.5 4.9 7.3#

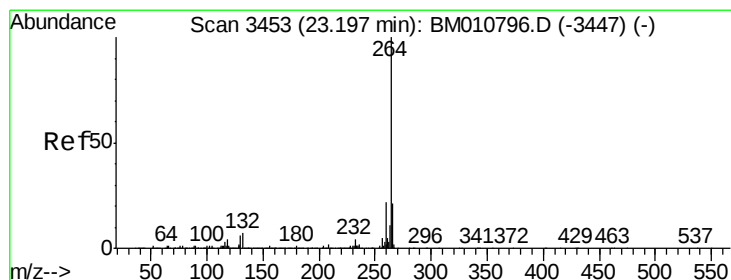
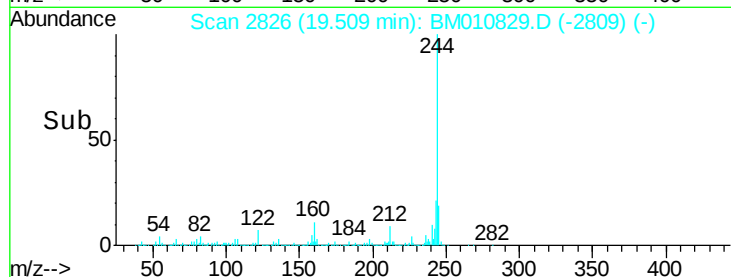
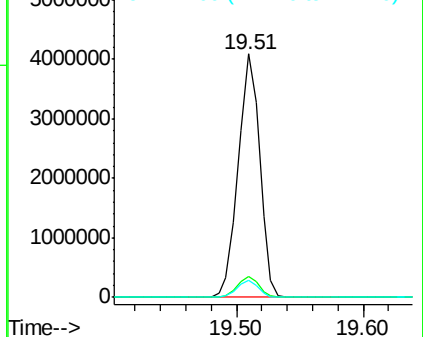
122 7.0 6.2 9.4



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: 23.20 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BM010829.D

Acq: 14 Jul 2017 01:10

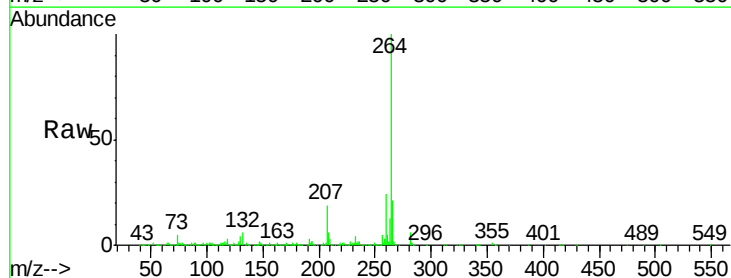
Tgt Ion:264 Resp: 979517

Ion Ratio Lower Upper

264 100

260 24.0 18.6 27.8

265 20.7 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

