

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071917\
 Data File : BM010899.D
 Acq On : 19 Jul 2017 18:39
 Operator : SJ/JU
 Sample : I4245-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-071717-C

Quant Time: Jul 20 01:10:12 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	7.44	152	194525	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	735795	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	474101	20.00	ng	0.00
63) Phenanthrene-d10	16.84	188	1110790	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1019877	20.00	ng	0.00
86) Perylene-d12	23.19	264	747368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1796257	152.96	ng	0.00
7) Phenol-d6	6.64	99	2342639	144.71	ng	0.00
23) Nitrobenzene-d5	8.59	82	1914608	100.02	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1126358	155.46	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3783952	99.29	ng	0.00
78) Terphenyl-d14	19.50	244	5316144	100.82	ng	0.00

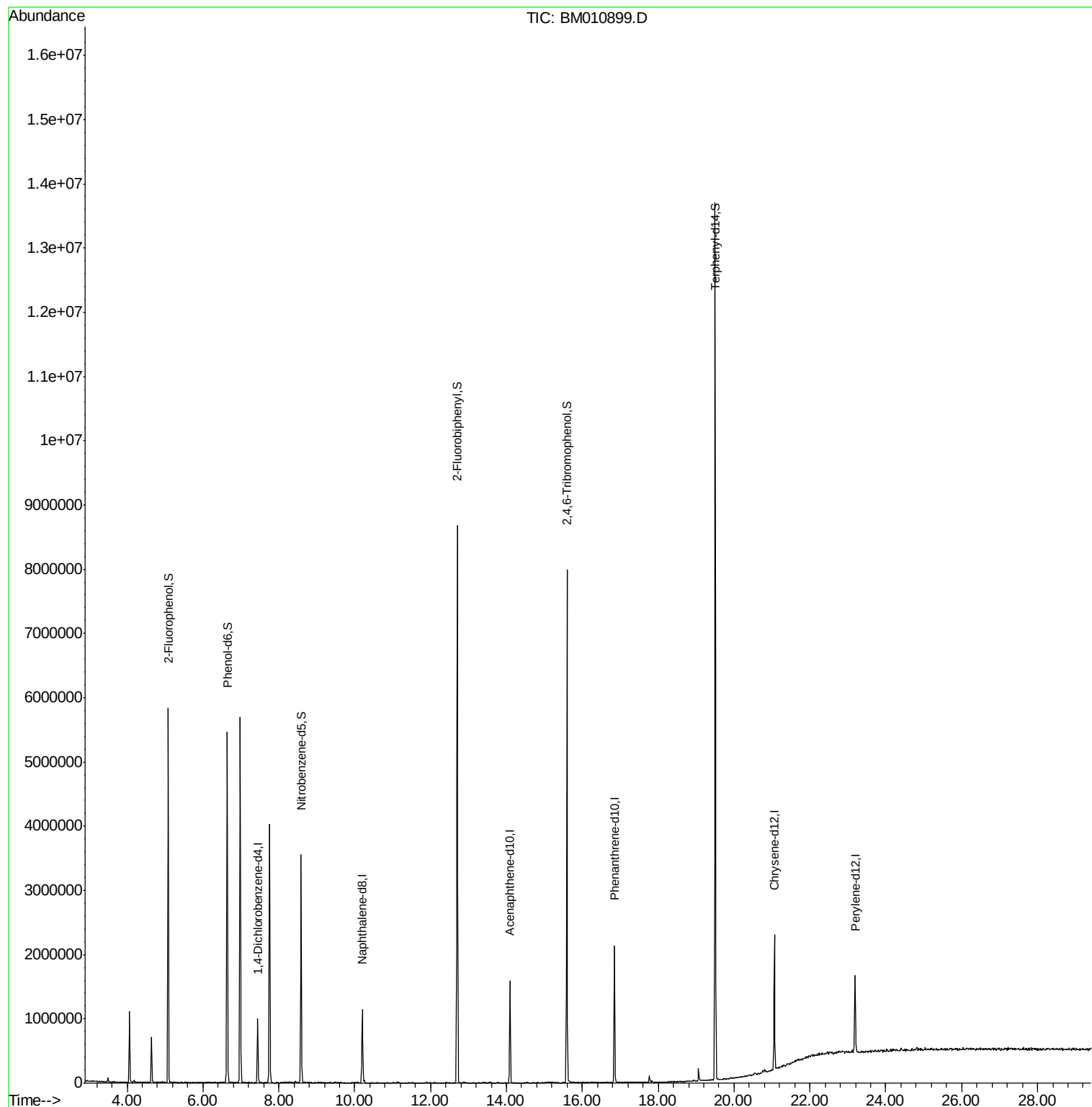
Target Compounds	Qvalue
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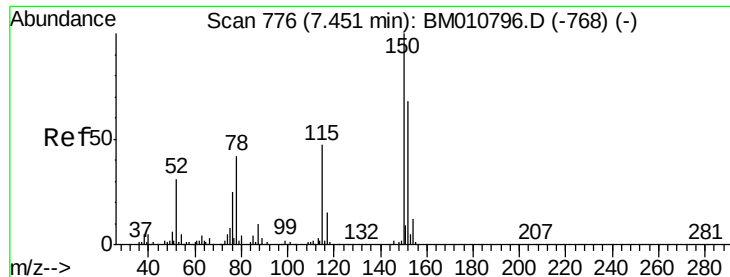
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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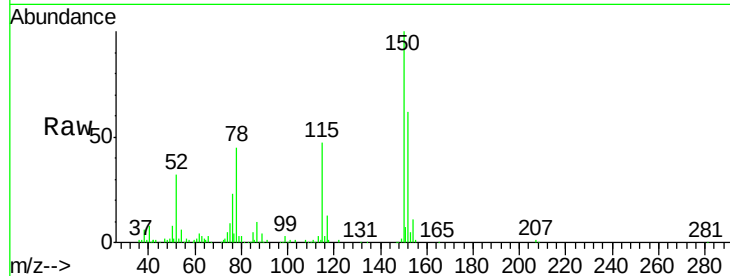


#1

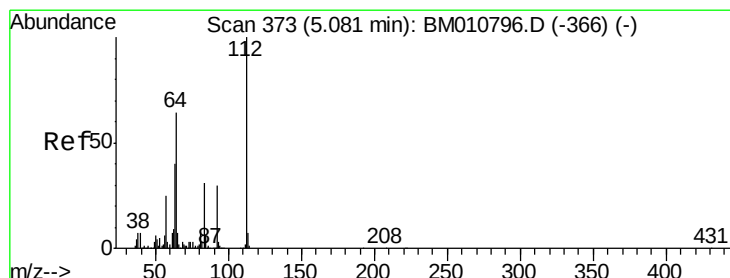
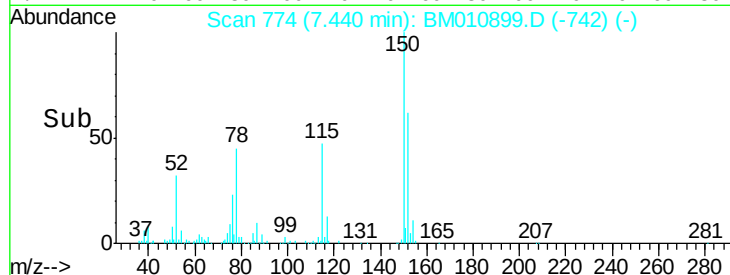
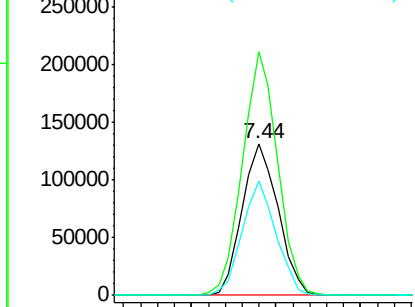
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.44 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM010899.D
Acq: 19 Jul 2017 18:39

Instrument :
BNA_M
ClientSampleId :
PL-01-071717-C

Tgt Ion:152 Resp: 194525
Ion Ratio Lower Upper
152 100
150 160.3 119.5 179.3
115 75.6 43.0 64.4#



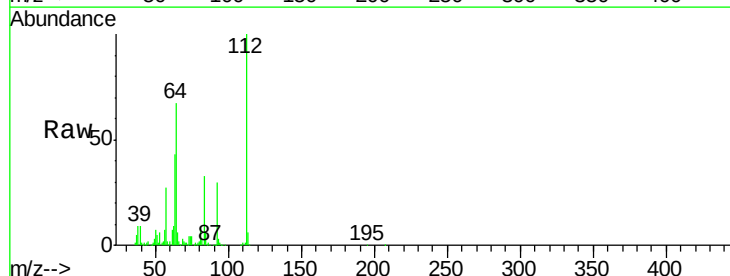
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



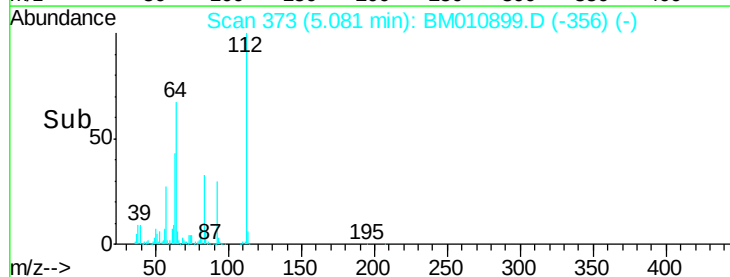
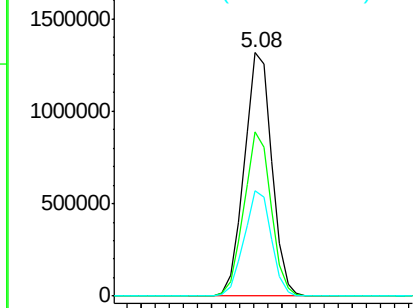
#5

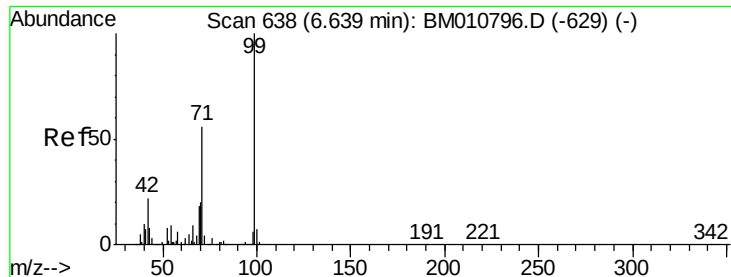
2-Fluorophenol
Concen: 152.961 ng
RT: 5.08 min Scan# 373
Delta R.T. 0.00 min
Lab File: BM010899.D
Acq: 19 Jul 2017 18:39

Tgt Ion:112 Resp: 1796257
Ion Ratio Lower Upper
112 100
64 67.5 38.6 57.8#
63 43.0 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: 144.705 ng

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

Instrument :

BNA_M

ClientSampleId :

PL-01-071717-C

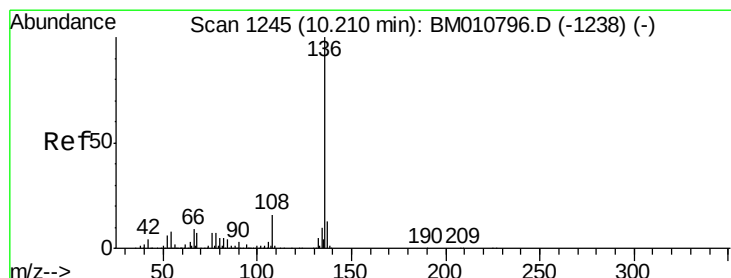
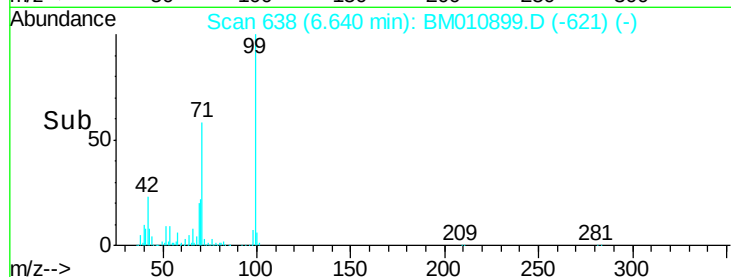
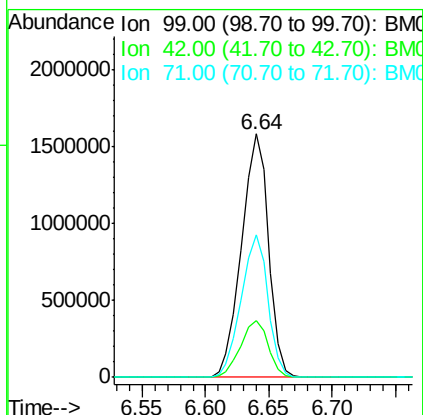
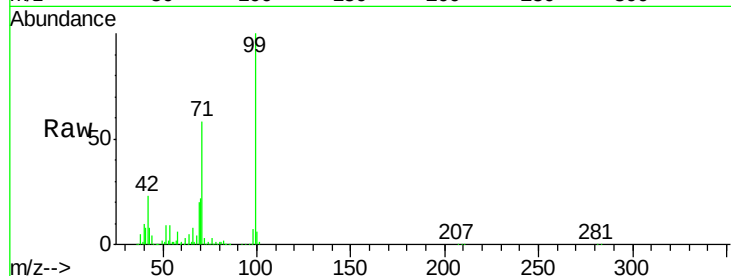
Tgt Ion: 99 Resp: 2342639

Ion Ratio Lower Upper

99 100

42 23.1 11.0 16.4#

71 58.4 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

Tgt Ion: 136 Resp: 735795

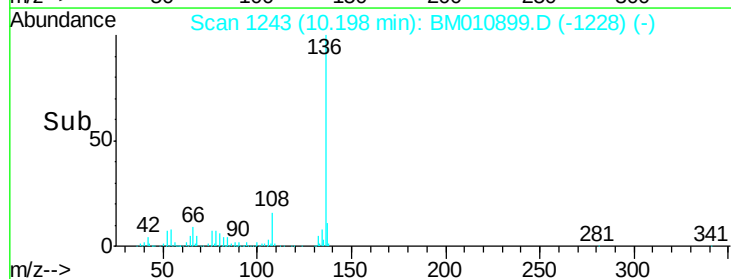
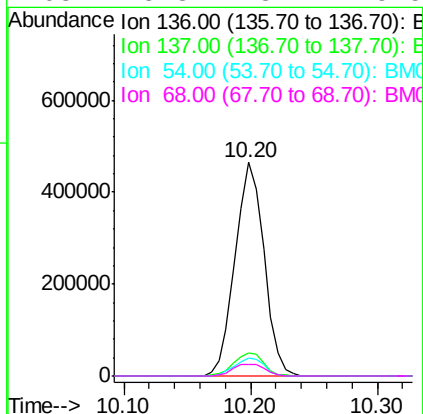
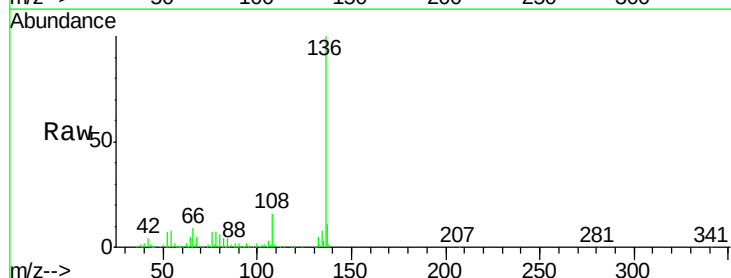
Ion Ratio Lower Upper

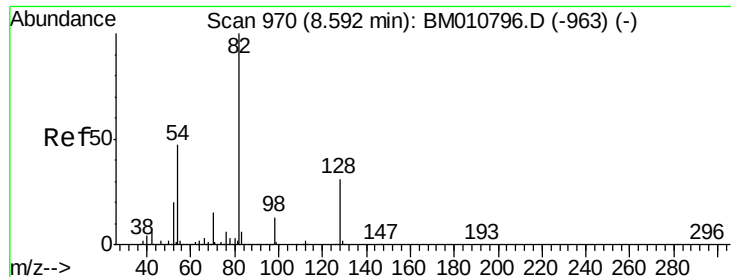
136 100

137 11.0 8.7 13.1

54 8.2 4.6 6.8#

68 5.3 3.7 5.5





#23

Nitrobenzene-d5

Concen: 100.018 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

Instrument :

BNA_M

ClientSampleId :

PL-01-071717-C

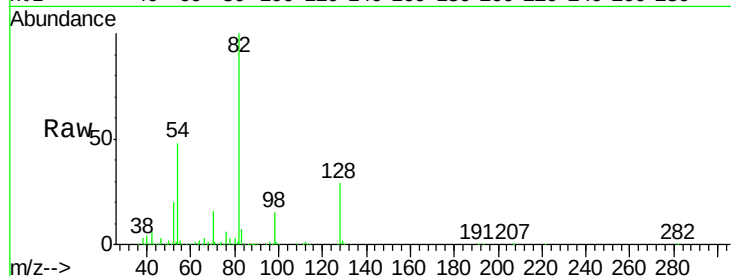
Tgt Ion: 82 Resp: 1914608

Ion Ratio Lower Upper

82 100

128 28.9 32.8 49.2#

54 48.3 40.6 60.8

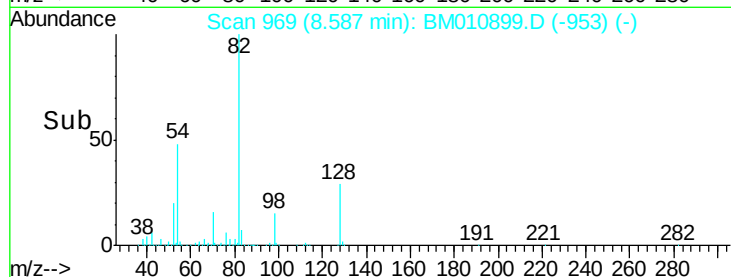


Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

Ion 128.00 (127.70 to 128.70): BM010796.D (-963) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)

Time-->



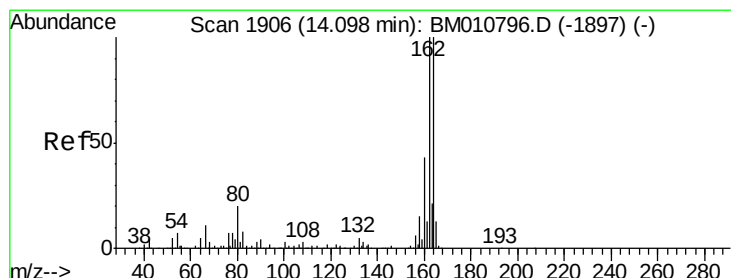
Abundance

Ion 82.00 (81.70 to 82.70): BM010796.D (-963) (-)

Ion 128.00 (127.70 to 128.70): BM010796.D (-963) (-)

Ion 54.00 (53.70 to 54.70): BM010796.D (-963) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

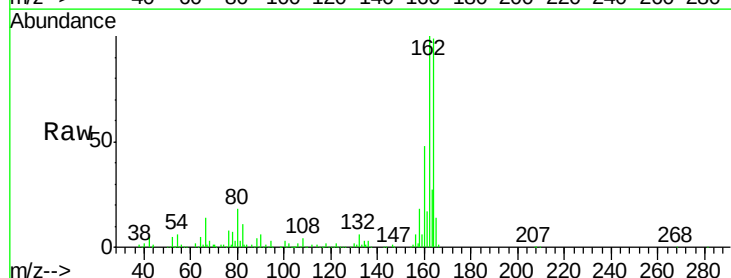
Tgt Ion: 164 Resp: 474101

Ion Ratio Lower Upper

164 100

162 101.0 82.4 123.6

160 48.0 35.8 53.6

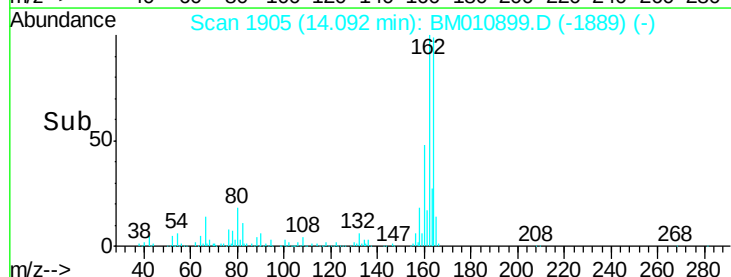


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

Time-->



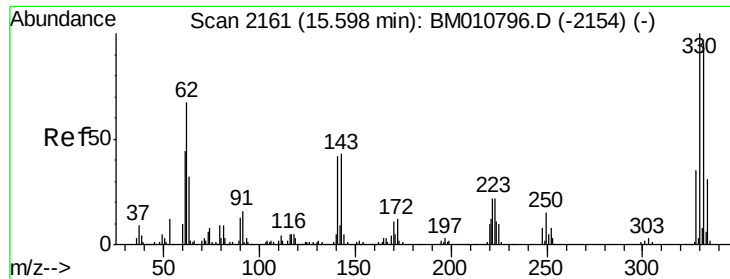
Abundance

Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

Ion 162.00 (161.70 to 162.70): BM010796.D (-1897) (-)

Ion 160.00 (159.70 to 160.70): BM010796.D (-1897) (-)

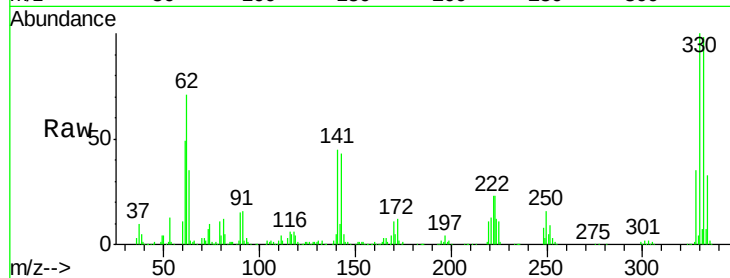
Time-->



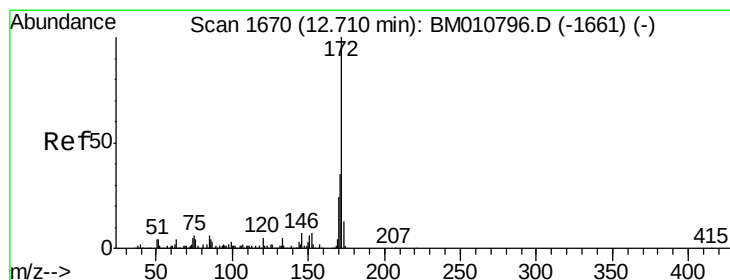
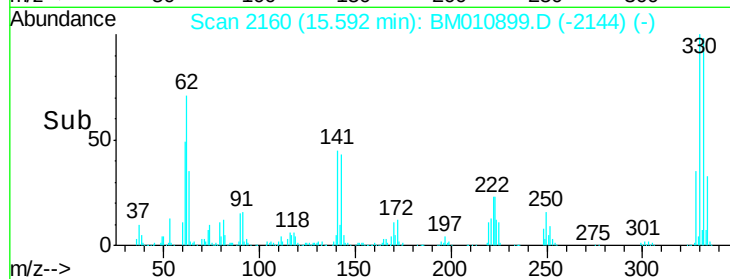
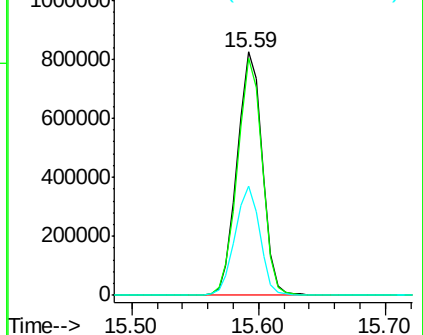
#41
 2,4,6-Tribromophenol
 Concen: 155.464 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010899.D
 Acq: 19 Jul 2017 18:39

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-071717-C

Tgt Ion:330 Resp: 1126358
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 44.3 0.0 0.0#

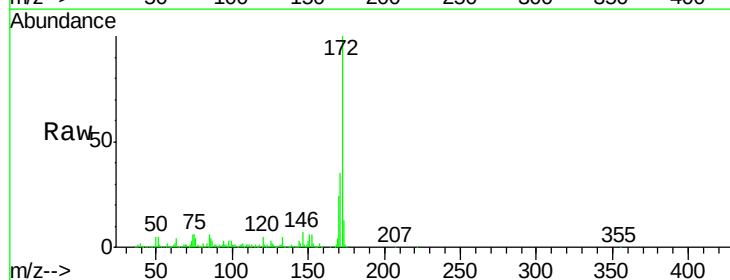


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

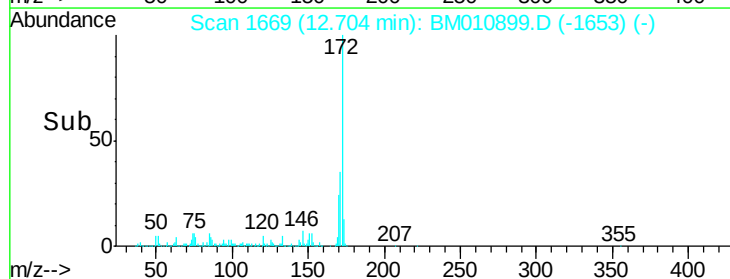
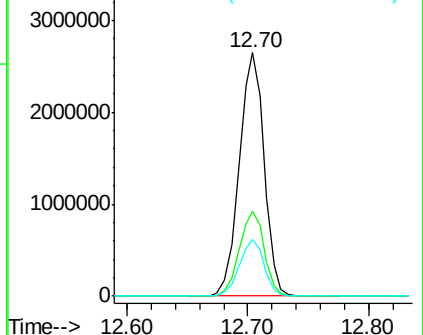


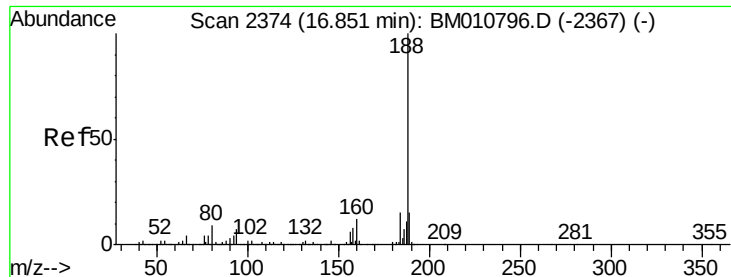
#44
 2-Fluorobiphenyl
 Concen: 99.290 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010899.D
 Acq: 19 Jul 2017 18:39

Tgt Ion:172 Resp: 3783952
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.5 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

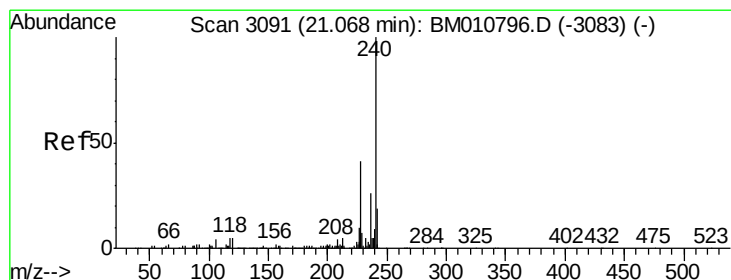
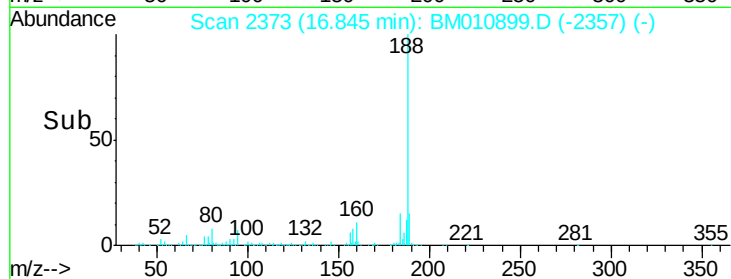
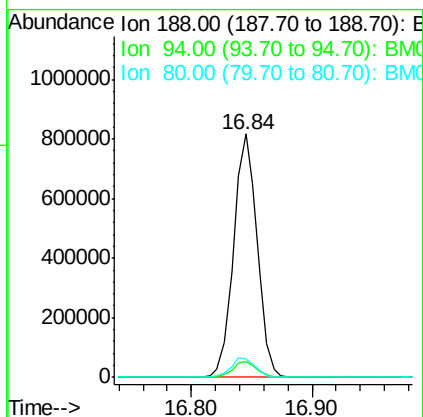
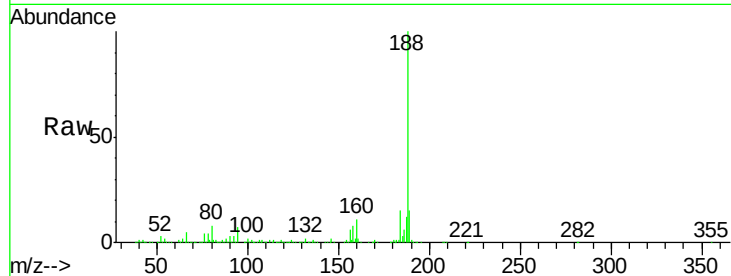




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010899.D
Acq: 19 Jul 2017 18:39

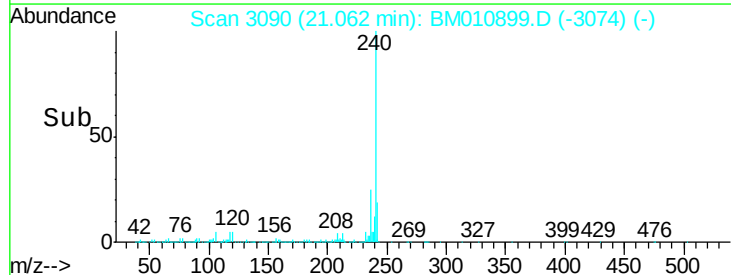
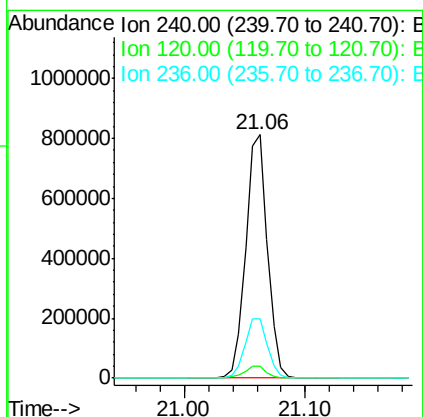
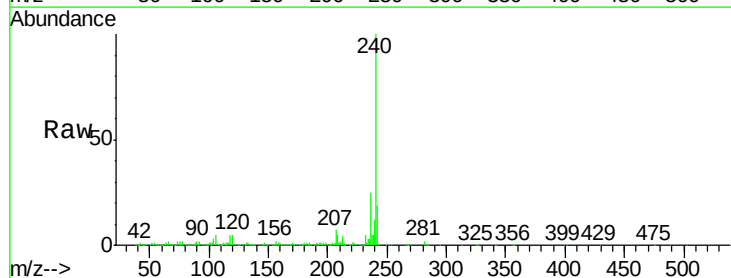
Instrument :
BNA_M
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PL-01-071717-C

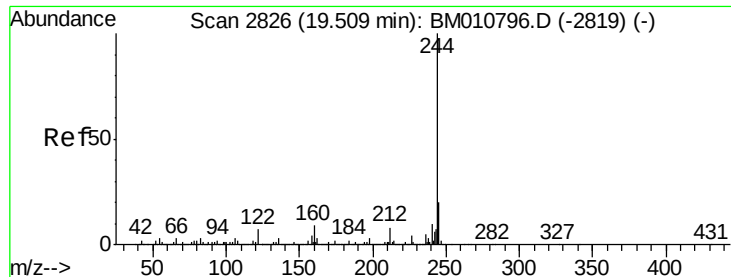
Tgt Ion:188 Resp: 1110790
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 7.7 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010899.D
Acq: 19 Jul 2017 18:39

Tgt Ion:240 Resp: 1019877
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 24.5 20.0 30.0





#78

Terphenyl-d14

Concen: 100.816 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

Instrument :

BNA_M

ClientSampleId :

PL-01-071717-C

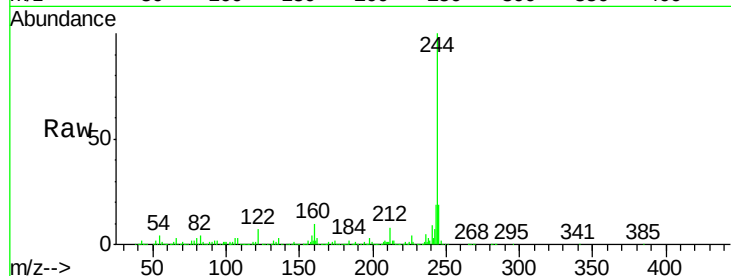
Tgt Ion:244 Resp: 5316144

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

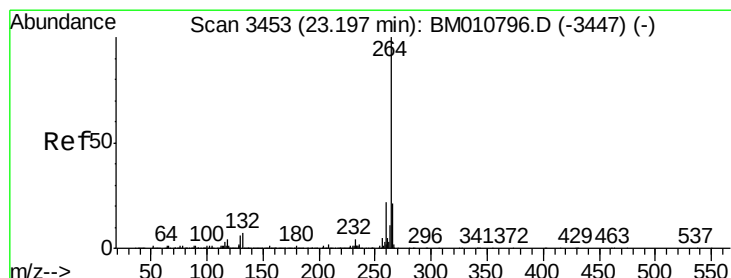
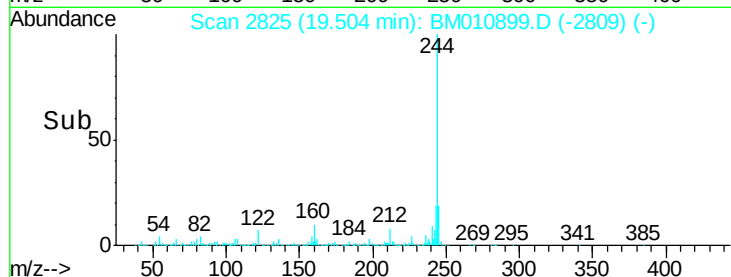
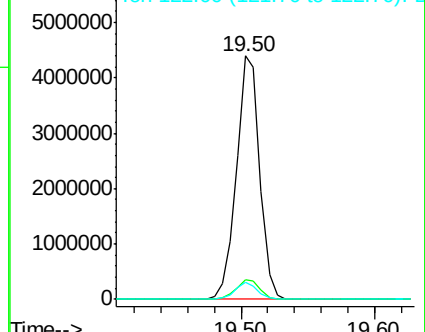
122 7.0 6.2 9.4



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: 20.000 ng

RT: 23.19 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM010899.D

Acq: 19 Jul 2017 18:39

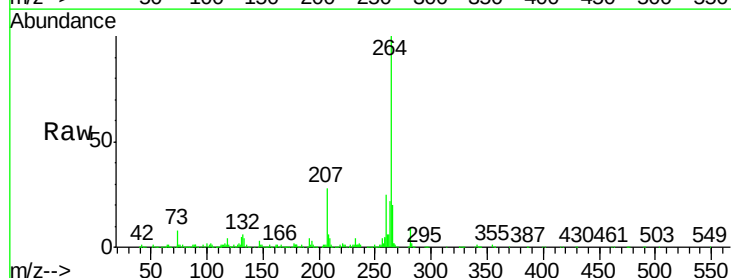
Tgt Ion:264 Resp: 747368

Ion Ratio Lower Upper

264 100

260 24.9 18.6 27.8

265 19.7 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

