

Data File : BM010944.D
Acq On : 21 Jul 2017 20:11
Operator : SJ/JU
Sample : I4280-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-071817-C

Quant Time: Jul 21 23:26:12 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	7.42	152	280521	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	1046937	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	681104	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1633662	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1675231	20.00	ng	-0.02
86) Perylene-d12	23.18	264	1454133	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	1997321	117.94	ng	-0.01
7) Phenol-d6	6.62	99	2474334	105.99	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2233367	82.00	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1355136	130.19	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4281313	78.20	ng	-0.02
78) Terphenyl-d14	19.50	244	6649373	76.77	ng	-0.01

Target Compounds Qvalue

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

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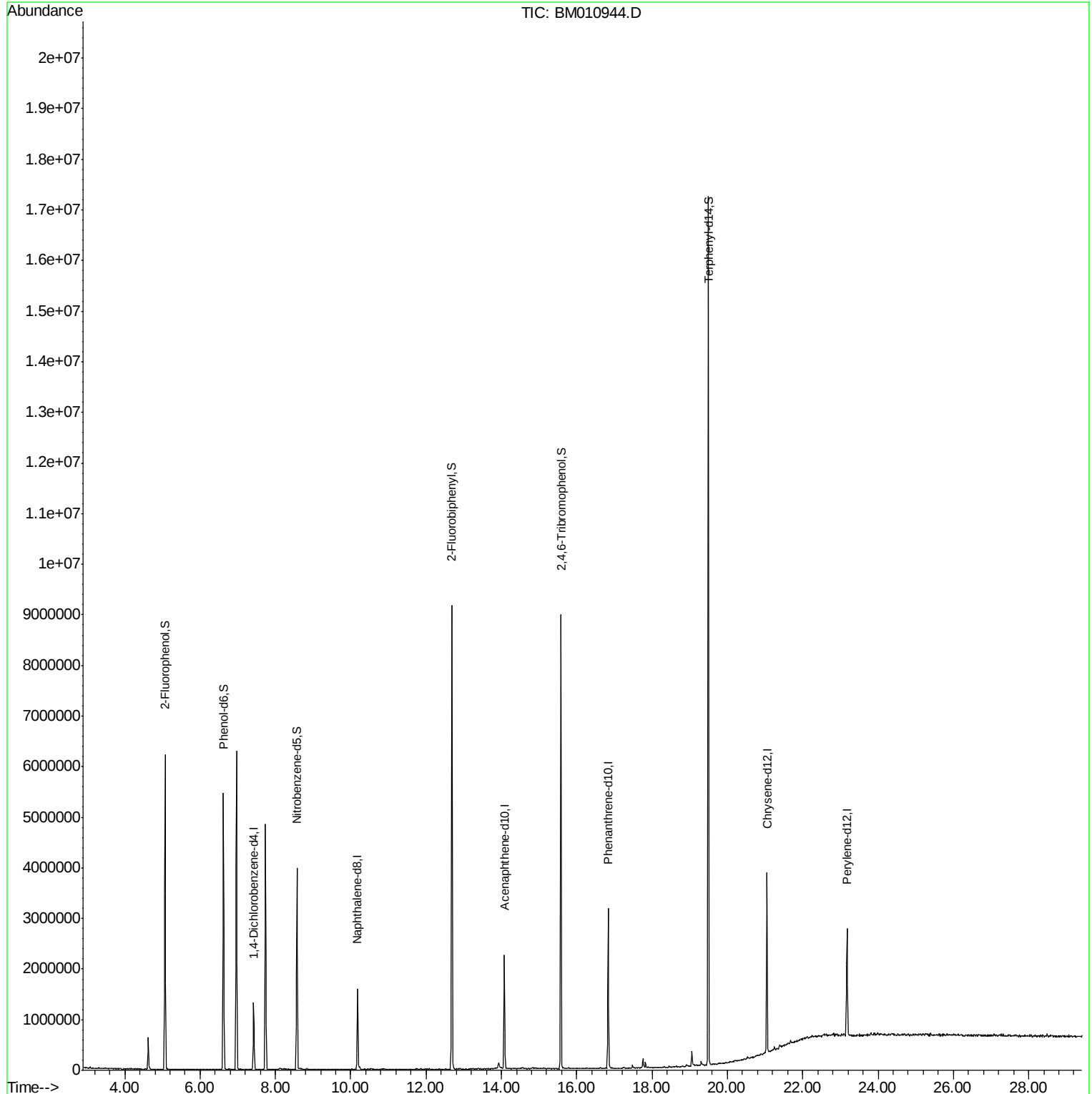
Quant Time: Jul 21 23:26:12 2017

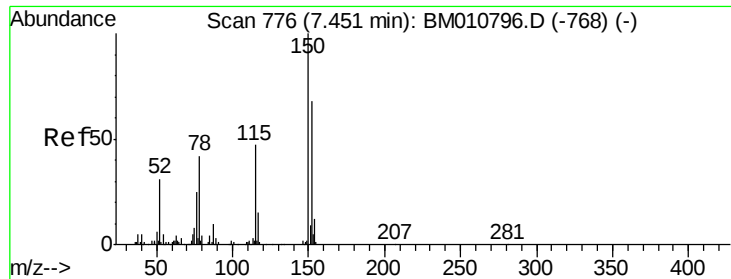
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.42 min Scan# 771

Delta R.T. -0.03 min

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ClientSampleId :

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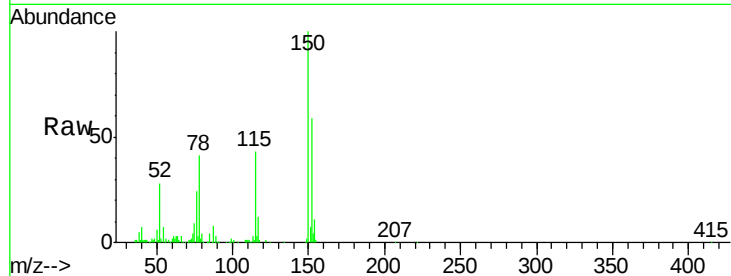
Tgt Ion:152 Resp: 280521

Ion Ratio Lower Upper

152 100

150 168.2 119.5 179.3

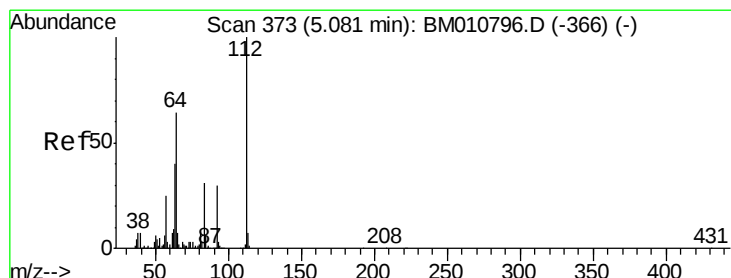
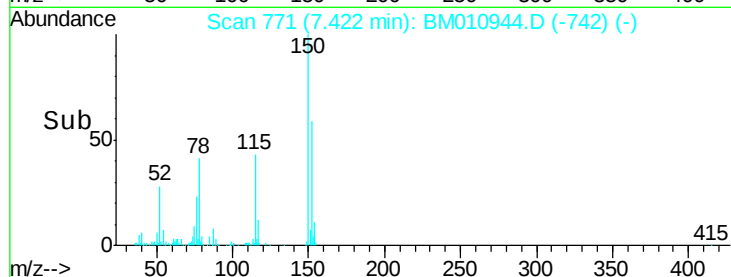
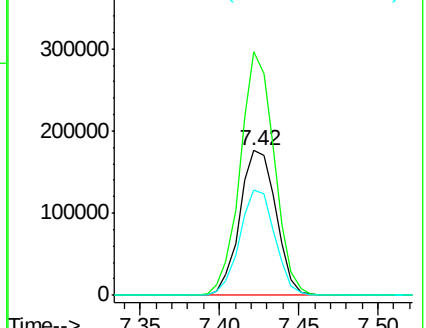
115 73.1 43.0 64.4#



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: 117.94 ng

RT: 5.07 min Scan# 371

Delta R.T. -0.01 min

Lab File: BM010944.D

Acq: 21 Jul 2017 20:11

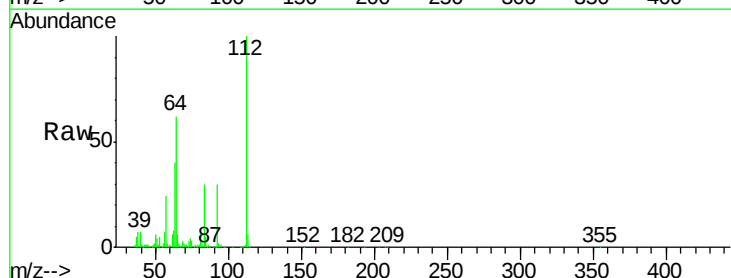
Tgt Ion:112 Resp: 1997321

Ion Ratio Lower Upper

112 100

64 62.5 38.6 57.8#

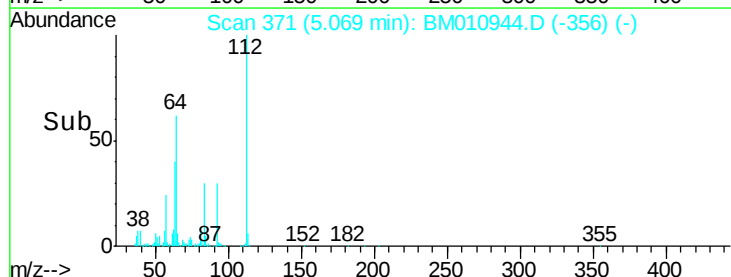
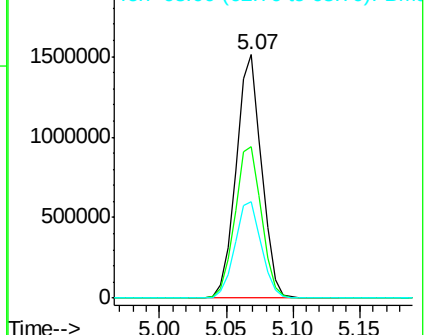
63 39.5 19.3 28.9#

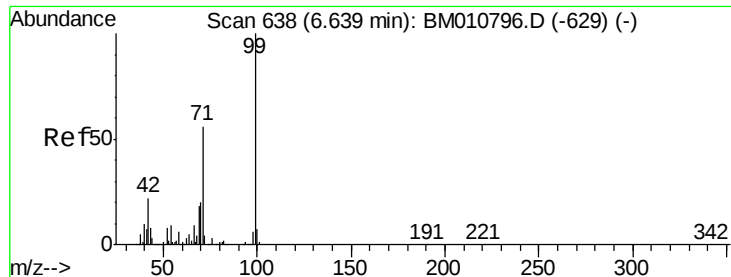


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 105.99 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

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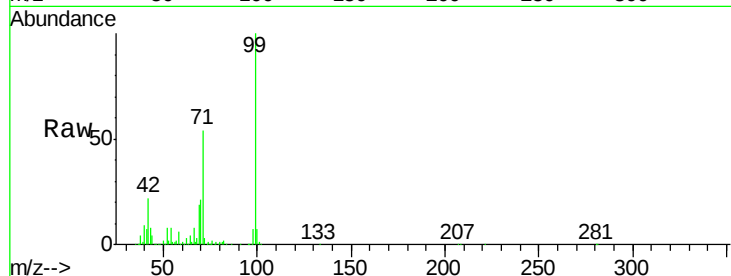
Tgt Ion: 99 Resp: 2474334

Ion Ratio Lower Upper

99 100

42 21.8 11.0 16.4#

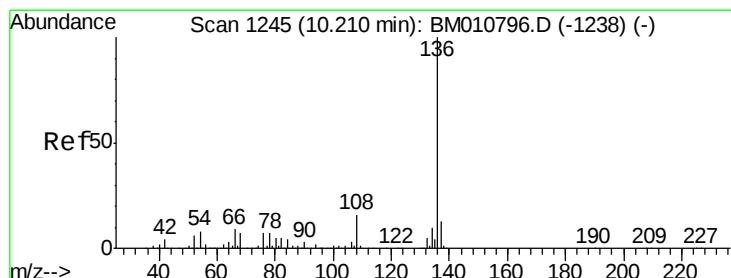
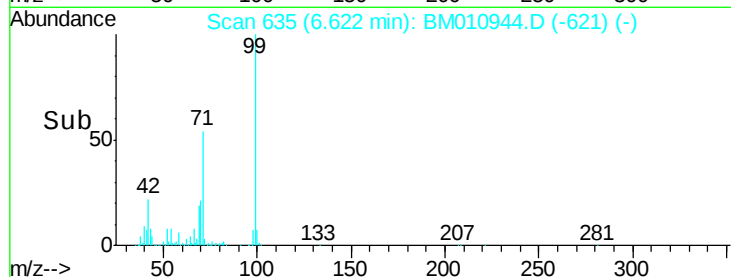
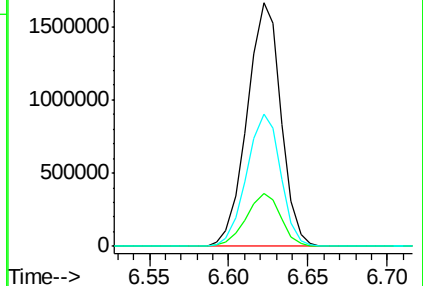
71 54.1 23.4 35.2#



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: 10.18 min Scan# 1240

Delta R.T. -0.03 min

Lab File: BM010944.D

Acq: 21 Jul 2017 20:11

Tgt Ion: 136 Resp: 1046937

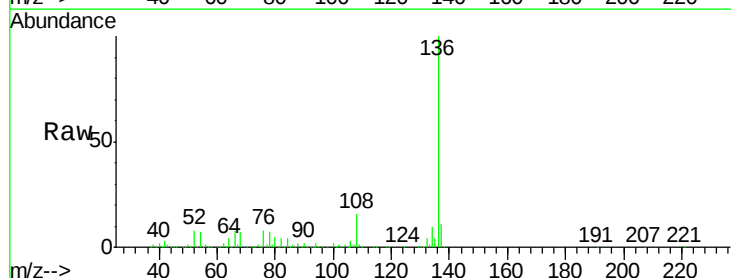
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 7.4 4.6 6.8#

68 6.8 3.7 5.5#

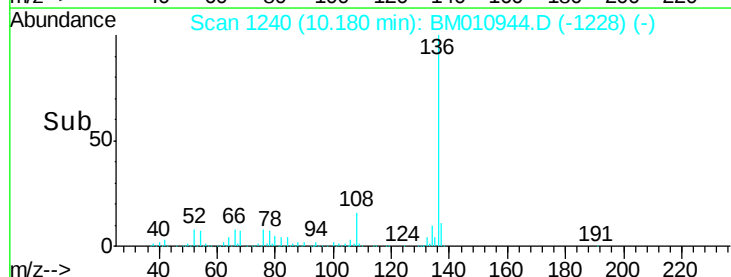
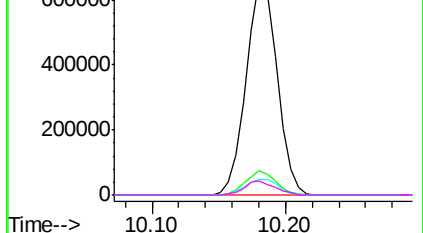


Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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: 82.00 ng

RT: 8.57 min Scan# 966

Delta R.T. -0.02 min

Lab File: BM010944.D

Acq: 21 Jul 2017 20:11

Instrument :

BNA_M

ClientSampleId :

CL-01-071817-C

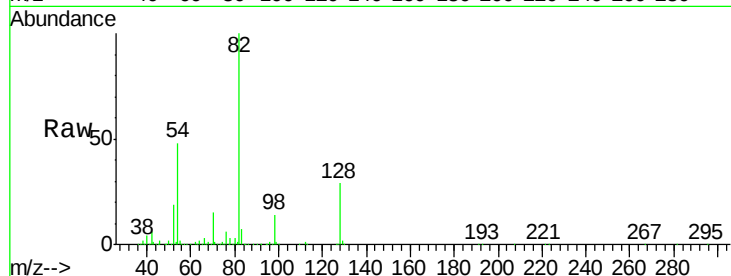
Tgt Ion: 82 Resp: 2233367

Ion Ratio Lower Upper

82 100

128 29.5 32.8 49.2#

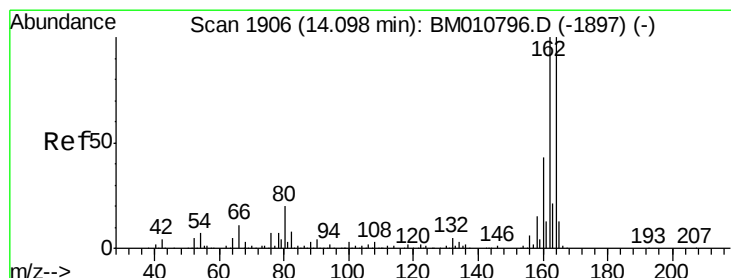
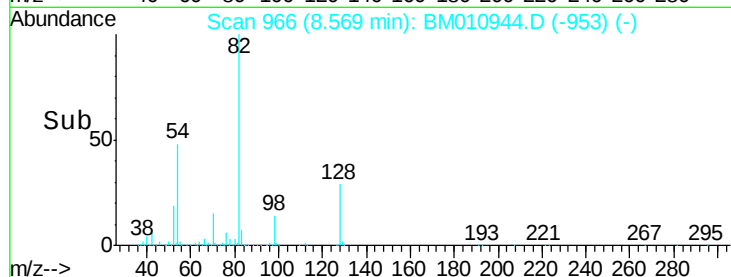
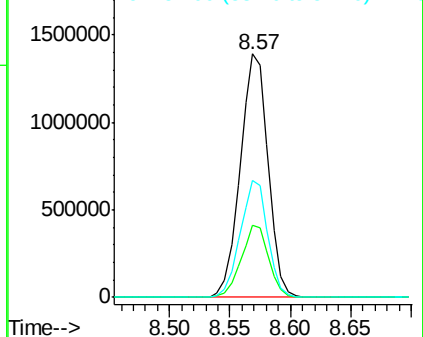
54 48.1 40.6 60.8



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) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.07 min Scan# 1902

Delta R.T. -0.02 min

Lab File: BM010944.D

Acq: 21 Jul 2017 20:11

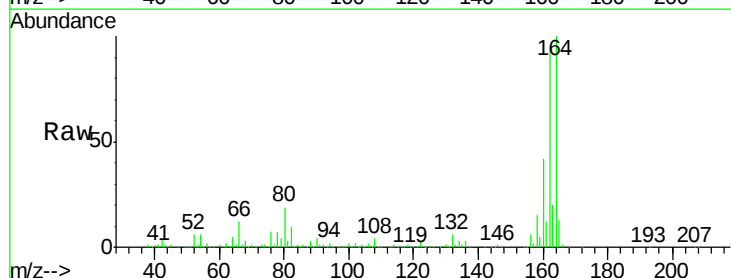
Tgt Ion: 164 Resp: 681104

Ion Ratio Lower Upper

164 100

162 95.0 82.4 123.6

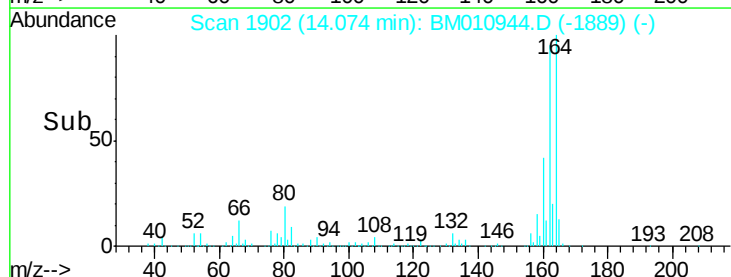
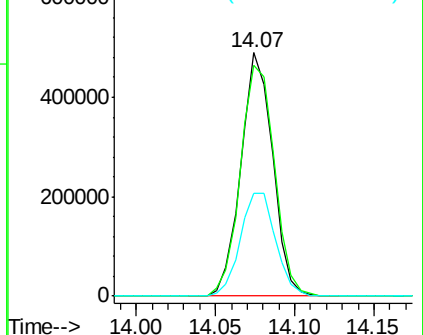
160 42.0 35.8 53.6

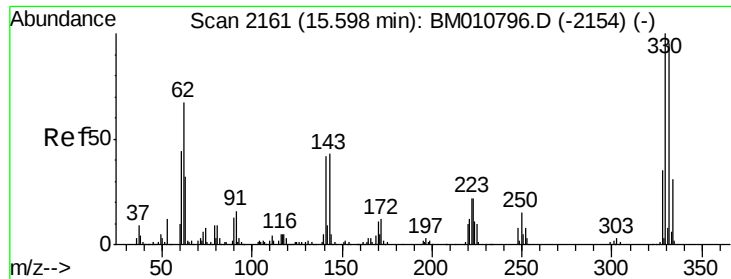


Abundance Ion 164.00 (163.70 to 164.70): BM010796.D (-1897) (-)

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

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

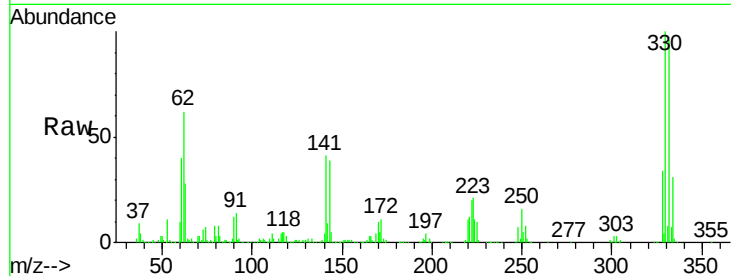




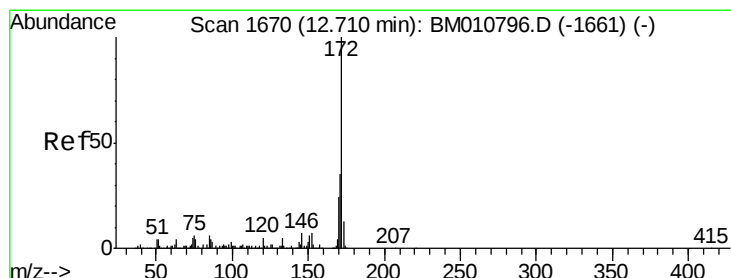
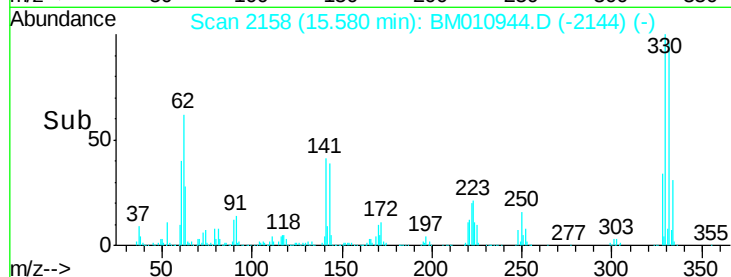
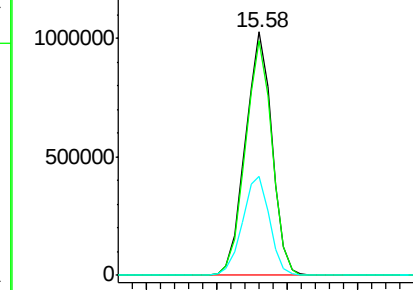
#41
 2,4,6-Tribromophenol
 Concen: 130.19 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010944.D
 Acq: 21 Jul 2017 20:11

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 CL-01-071817-C

Tgt Ion:330 Resp: 1355136
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 41.4 0.0 0.0#

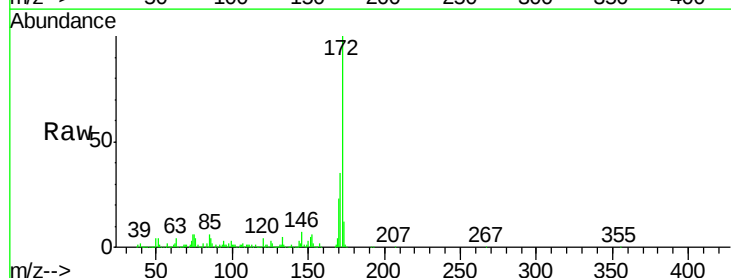


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

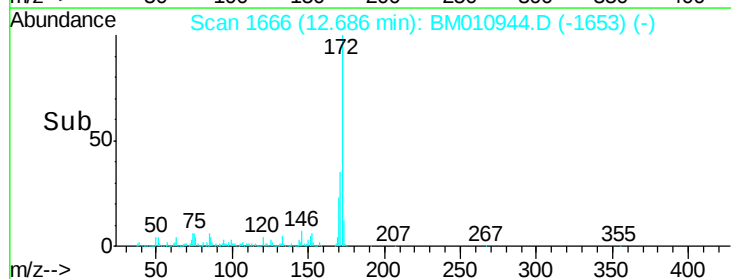
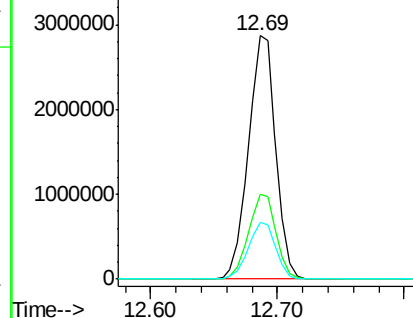


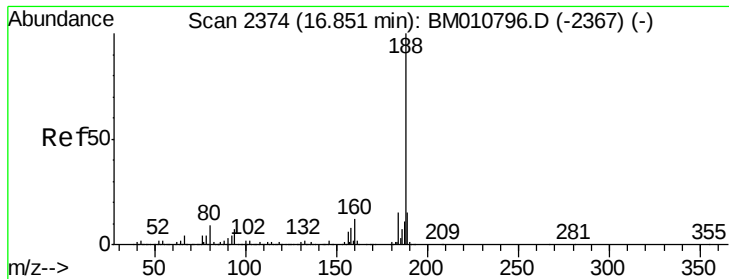
#44
 2-Fluorobiphenyl
 Concen: 78.20 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010944.D
 Acq: 21 Jul 2017 20:11

Tgt Ion:172 Resp: 4281313
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.2 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

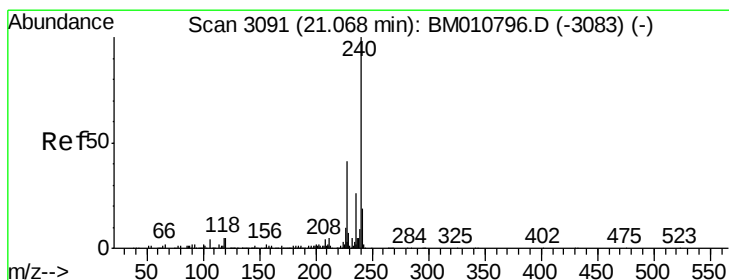
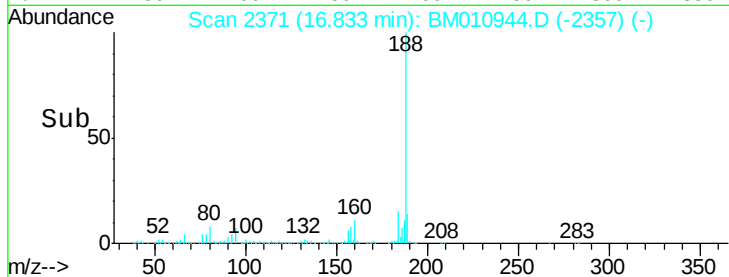
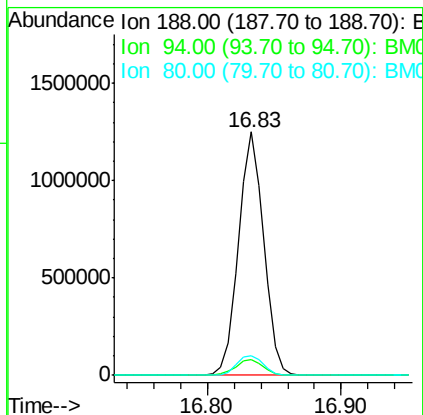
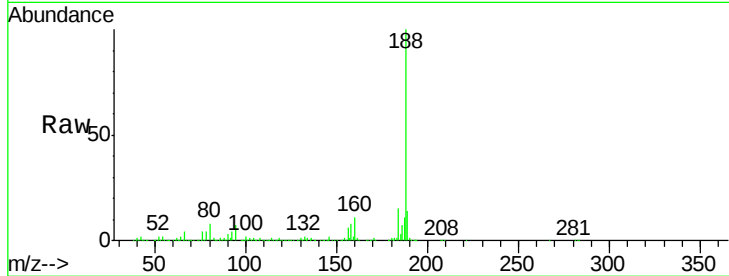




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010944.D
Acq: 21 Jul 2017 20:11

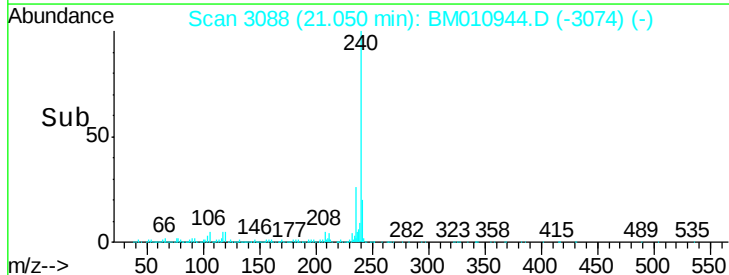
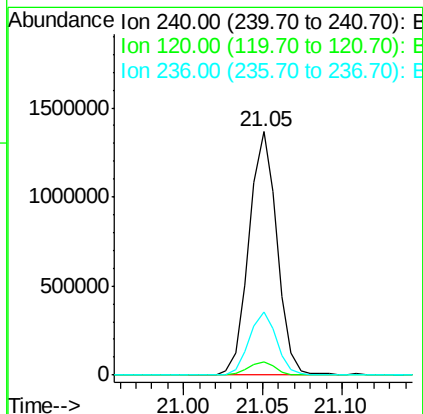
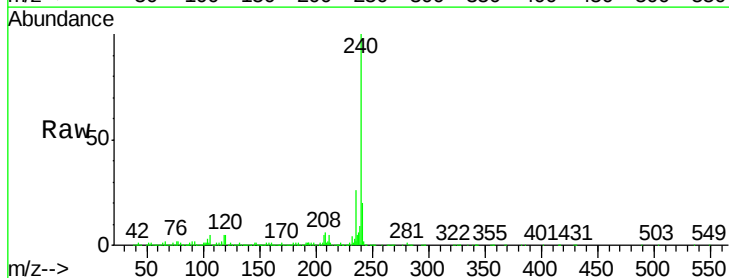
Instrument :
BNA_M
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CL-01-071817-C

Tgt Ion:188 Resp: 1633662
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 8.3 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.02 min
Lab File: BM010944.D
Acq: 21 Jul 2017 20:11

Tgt Ion:240 Resp: 1675231
Ion Ratio Lower Upper
240 100
120 5.3 8.2 12.2#
236 26.2 20.0 30.0





#78

Terphenyl-d14

Concen: 76.77 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010944.D

Acq: 21 Jul 2017 20:11

Instrument :

BNA_M

ClientSampleId :

CL-01-071817-C

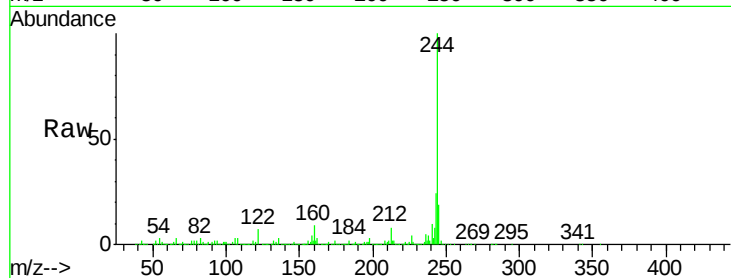
Tgt Ion:244 Resp: 6649373

Ion Ratio Lower Upper

244 100

212 8.2 4.9 7.3#

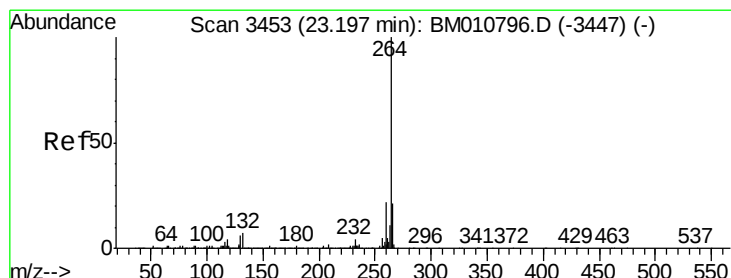
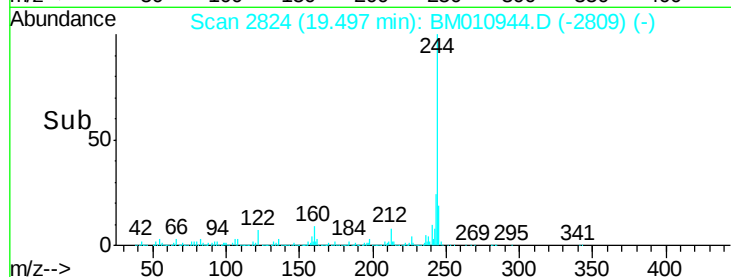
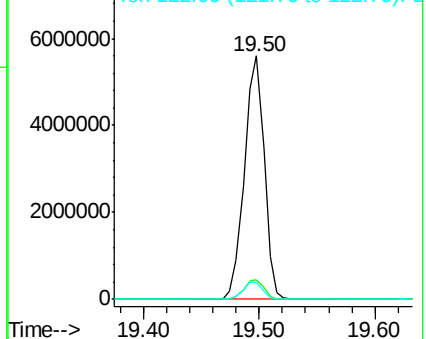
122 6.9 6.2 9.4



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: 23.18 min Scan# 3450

Delta R.T. -0.02 min

Lab File: BM010944.D

Acq: 21 Jul 2017 20:11

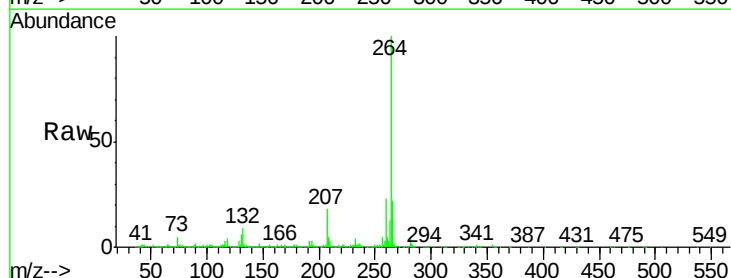
Tgt Ion:264 Resp: 1454133

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.8 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

