

Data File : BM010950.D
Acq On : 21 Jul 2017 23:48
Operator : SJ/JU
Sample : I4312-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
72-11978

Quant Time: Jul 22 02:30:23 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	317713	20.00	ng	-0.03
21) Naphthalene-d8	10.18	136	1196240	20.00	ng	-0.03
38) Acenaphthene-d10	14.07	164	790913	20.00	ng	-0.02
63) Phenanthrene-d10	16.83	188	1847445	20.00	ng	-0.02
75) Chrysene-d12	21.05	240	1507836	20.00	ng	-0.02
86) Perylene-d12	23.17	264	1399295	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	2020852	105.36	ng	-0.01
7) Phenol-d6	6.62	99	2492968	94.28	ng	-0.02
23) Nitrobenzene-d5	8.57	82	2358296	75.78	ng	-0.02
41) 2,4,6-Tribromophenol	15.58	330	1436698	118.87	ng	-0.02
44) 2-Fluorobiphenyl	12.69	172	4632035	72.86	ng	-0.02
78) Terphenyl-d14	19.49	244	6237217	80.00	ng	-0.02

Target Compounds Qvalue

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

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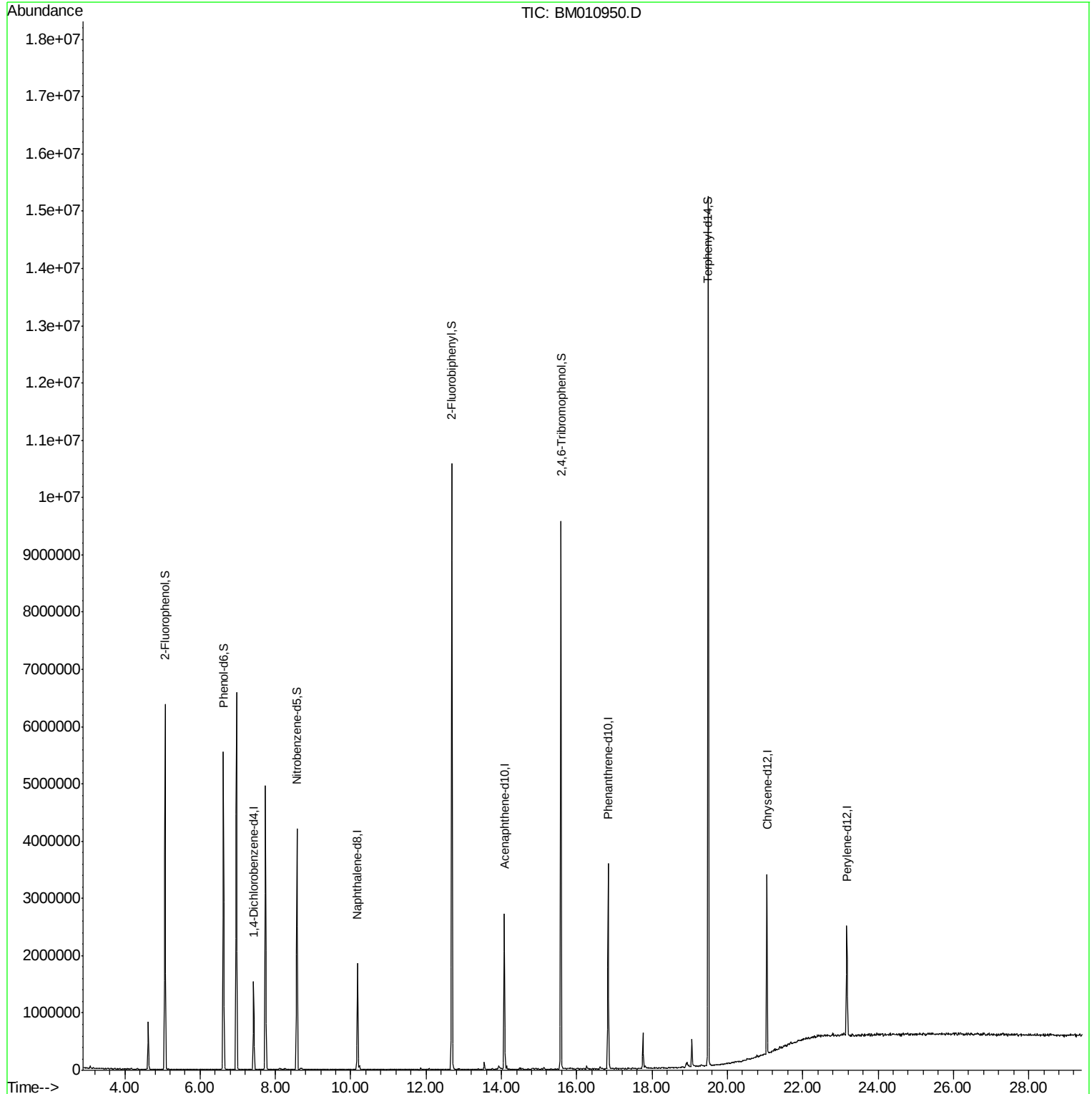
Quant Time: Jul 22 02:30:23 2017

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

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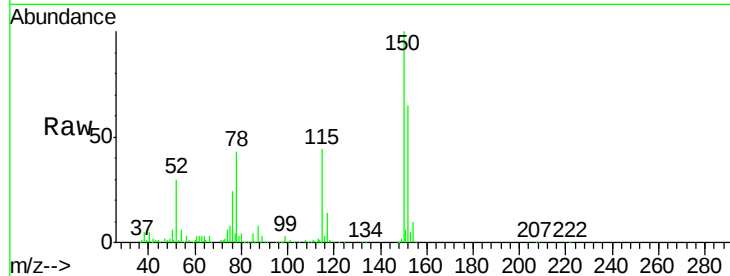


#1

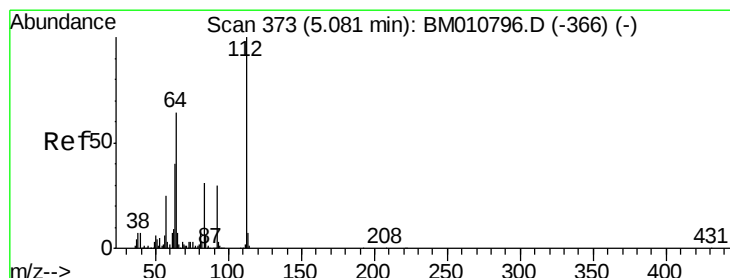
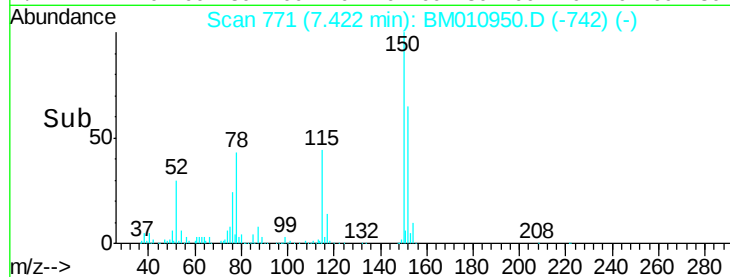
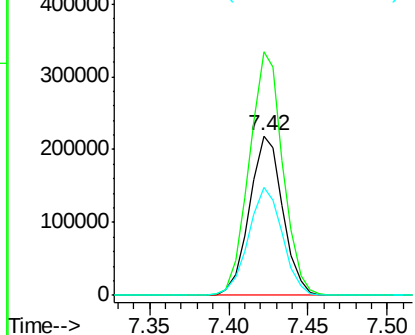
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.42 min Scan# 771
Delta R.T. -0.03 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Instrument :
BNA_M
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Tgt Ion:152 Resp: 317713
Ion Ratio Lower Upper
152 100
150 153.0 119.5 179.3
115 68.0 43.0 64.4#



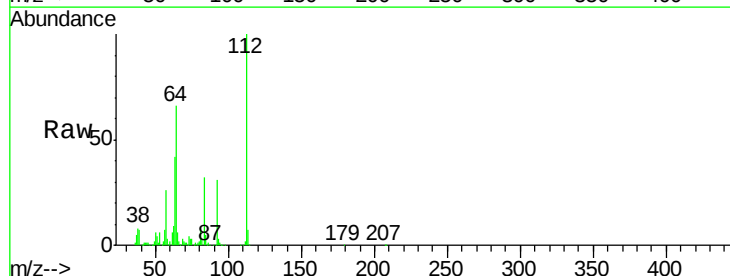
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



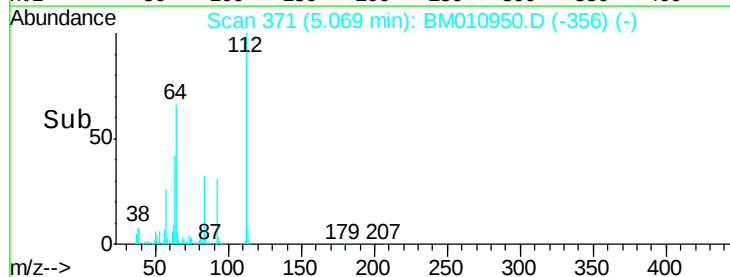
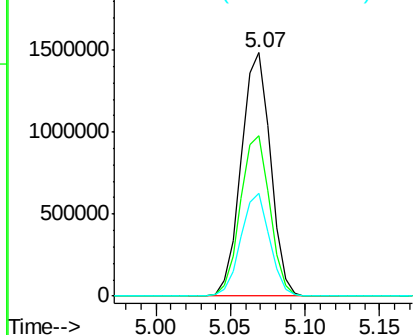
#5

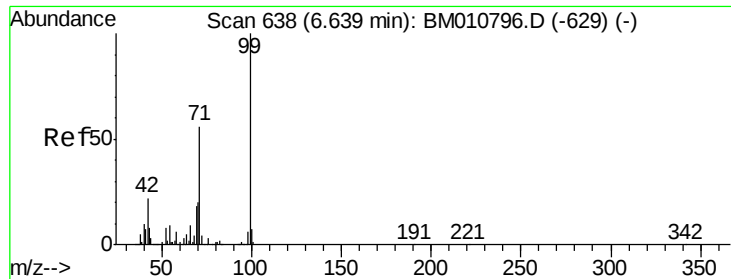
2-Fluorophenol
Concen: 105.36 ng
RT: 5.07 min Scan# 371
Delta R.T. -0.01 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

Tgt Ion:112 Resp: 2020852
Ion Ratio Lower Upper
112 100
64 66.1 38.6 57.8#
63 42.3 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: 94.28 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010950.D

Acq: 21 Jul 2017 23:48

Instrument :

BNA_M

ClientSampleId :

72-11978

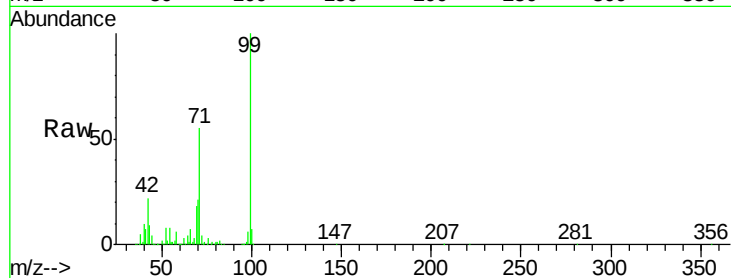
Tgt Ion: 99 Resp: 2492968

Ion Ratio Lower Upper

99 100

42 22.1 11.0 16.4#

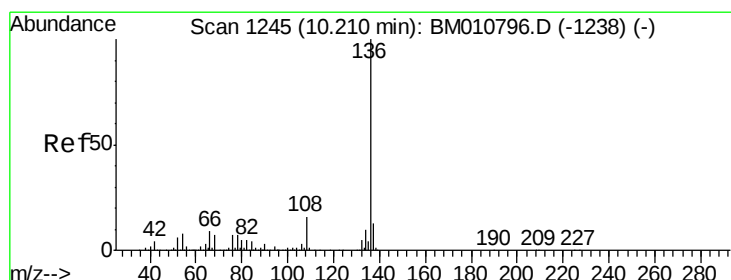
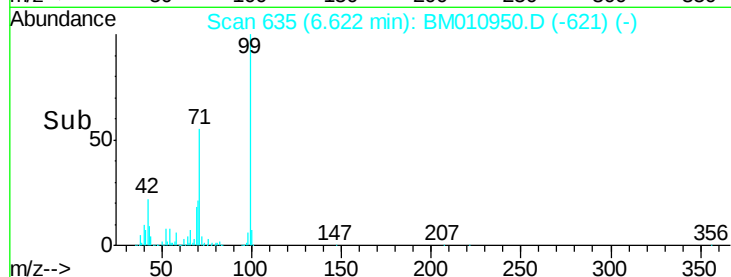
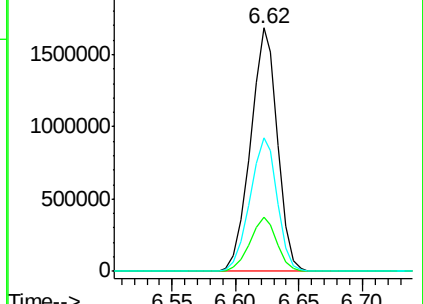
71 54.7 23.4 35.2#



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: BM010950.D

Acq: 21 Jul 2017 23:48

Tgt Ion: 136 Resp: 1196240

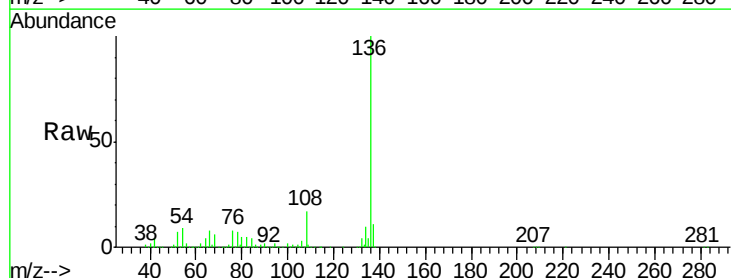
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 8.6 4.6 6.8#

68 5.7 3.7 5.5#

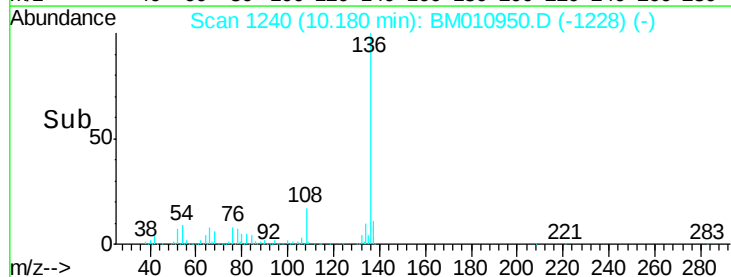
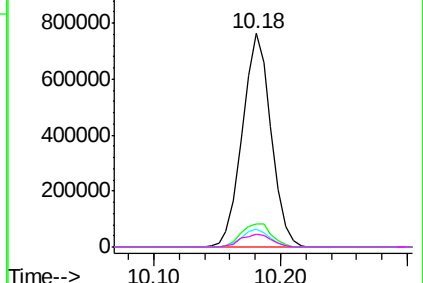


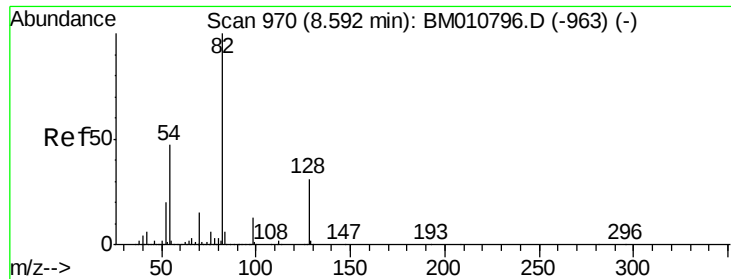
Abundance Ion 136.00 (135.70 to 136.70): BM010796.D (-1238) (-)

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) (-)

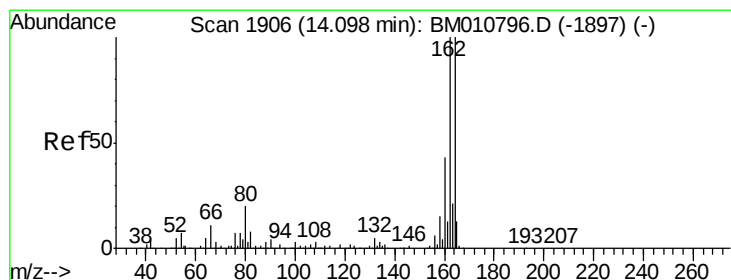
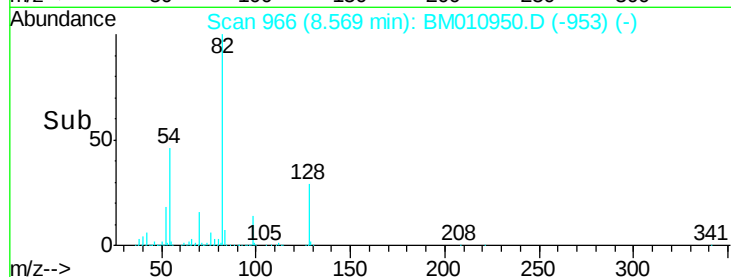
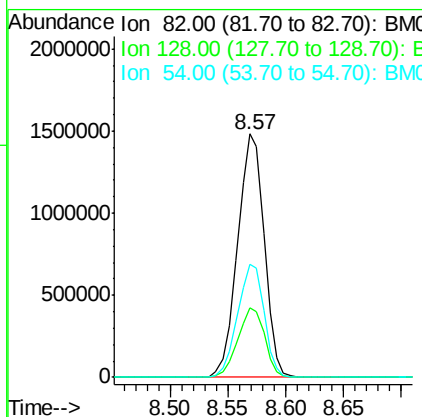
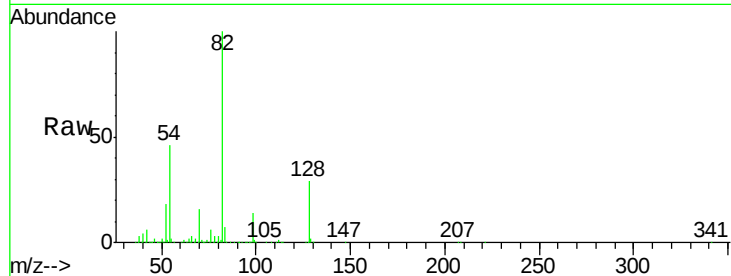




#23
 Nitrobenzene-d5
 Concen: 75.78 ng
 RT: 8.57 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BM010950.D
 Acq: 21 Jul 2017 23:48

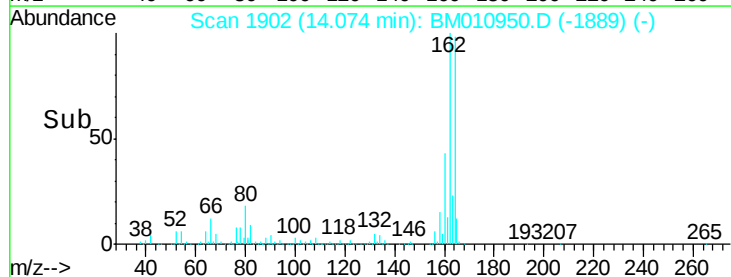
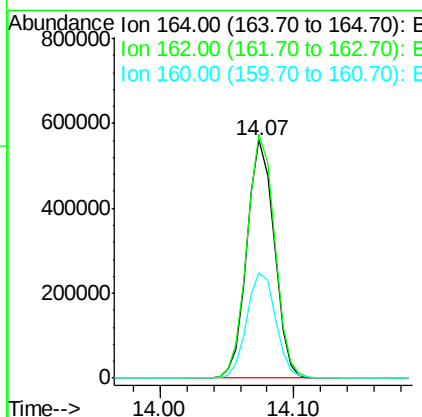
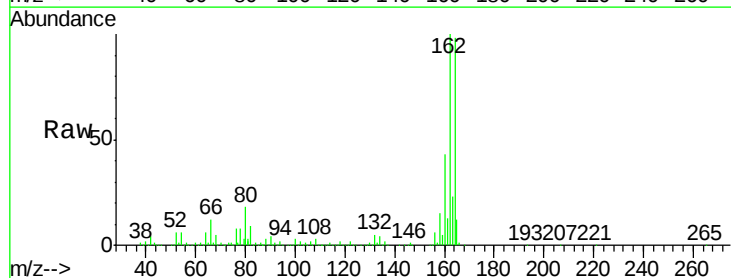
Instrument :
 BNA_M
 ClientSampleId :
 72-11978

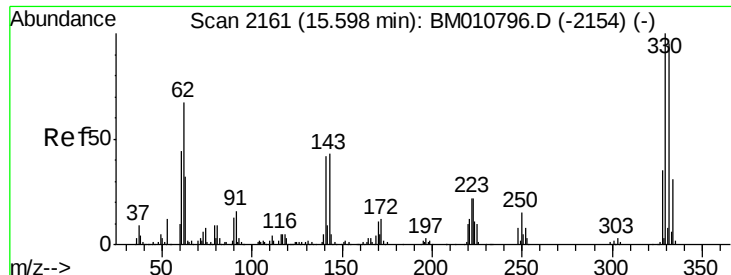
Tgt Ion: 82 Resp: 2358296
 Ion Ratio Lower Upper
 82 100
 128 28.7 32.8 49.2#
 54 46.4 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1902
 Delta R.T. -0.02 min
 Lab File: BM010950.D
 Acq: 21 Jul 2017 23:48

Tgt Ion: 164 Resp: 790913
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.4 123.6
 160 44.3 35.8 53.6

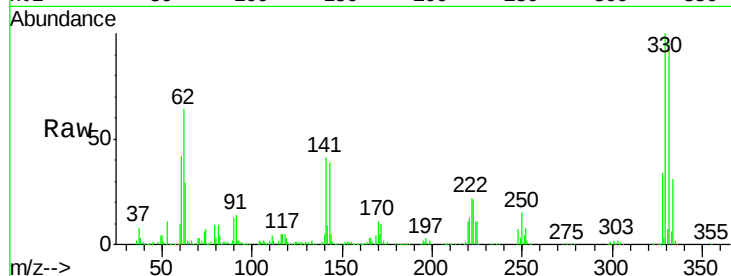




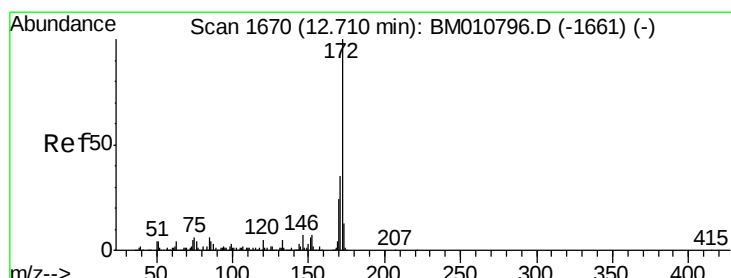
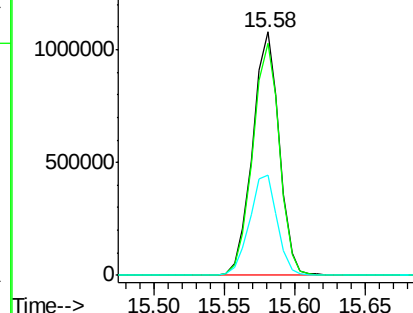
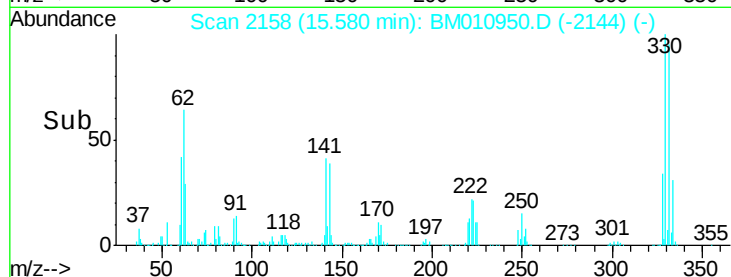
#41
 2,4,6-Tribromophenol
 Concen: 118.87 ng
 RT: 15.58 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BM010950.D
 Acq: 21 Jul 2017 23:48

Instrument :
 BNA_M
 ClientSampleId :
 72-11978

Tgt Ion:330 Resp: 1436698
 Ion Ratio Lower Upper
 330 100
 332 95.9 0.0 0.0#
 141 42.3 0.0 0.0#

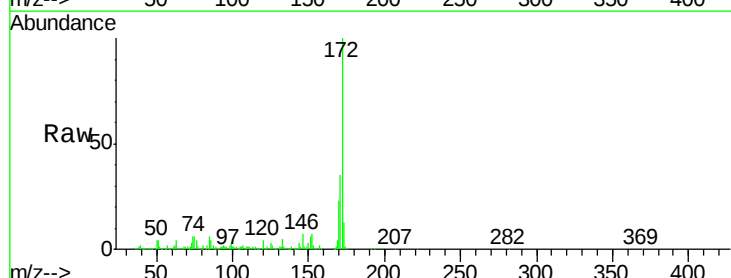


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

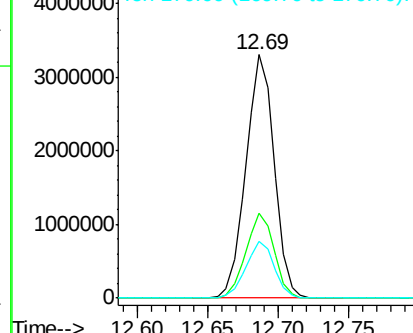
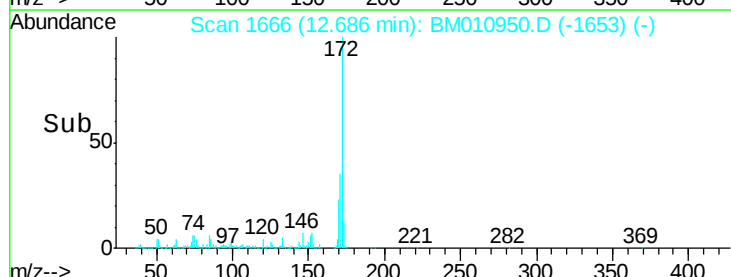


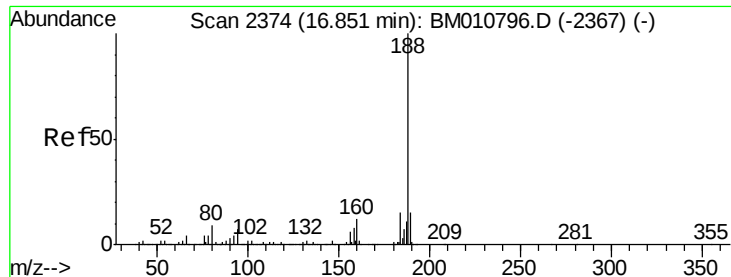
#44
 2-Fluorobiphenyl
 Concen: 72.86 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BM010950.D
 Acq: 21 Jul 2017 23:48

Tgt Ion:172 Resp: 4632035
 Ion Ratio Lower Upper
 172 100
 171 34.7 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

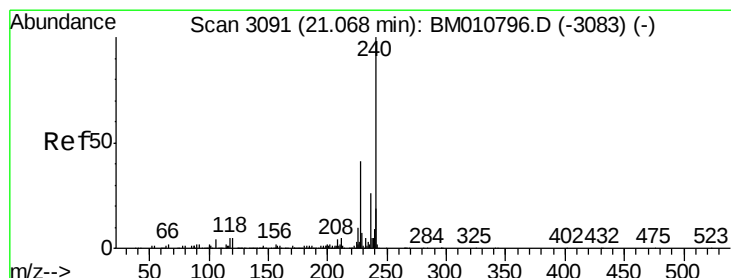
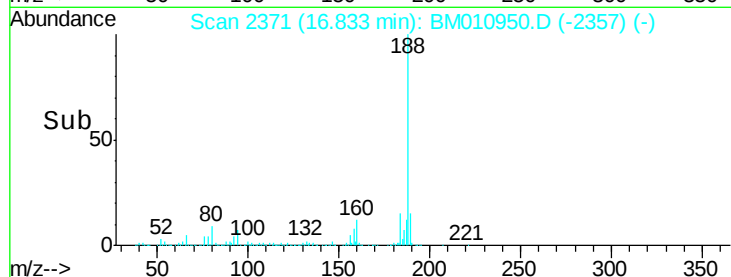
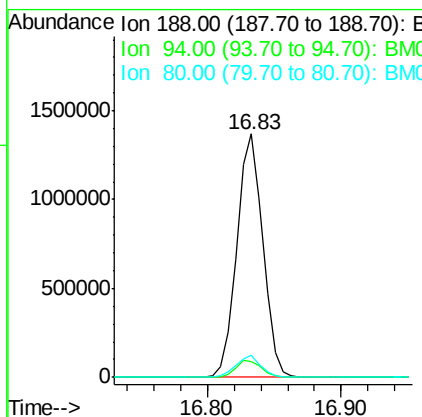
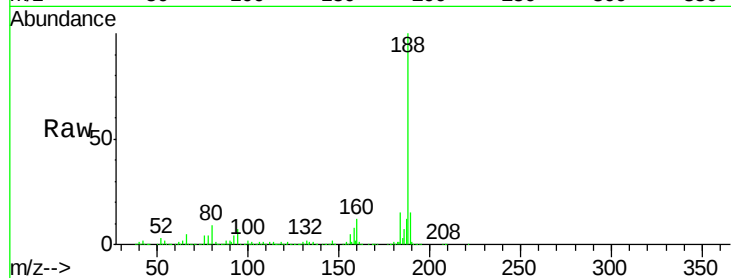




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.83 min Scan# 2371
Delta R.T. -0.02 min
Lab File: BM010950.D
Acq: 21 Jul 2017 23:48

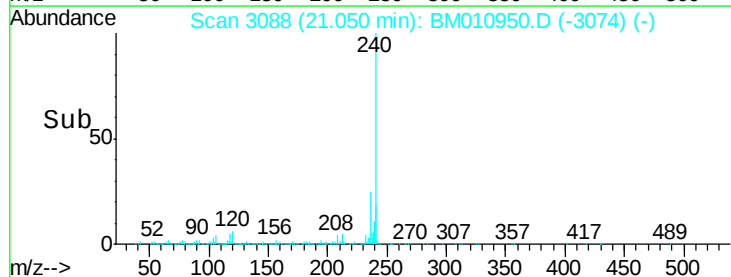
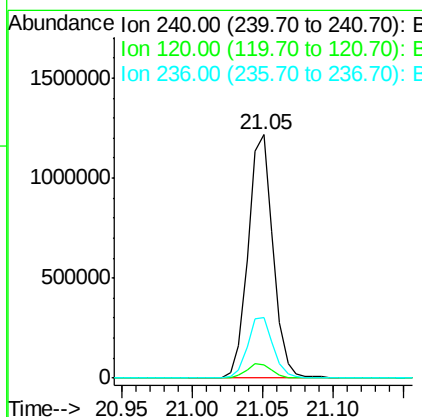
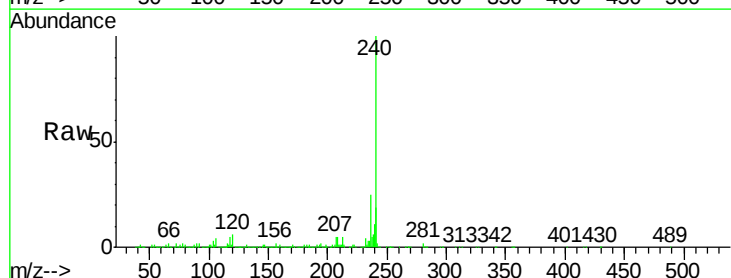
Instrument :
BNA_M
ClientSampleId :
72-11978

Tgt Ion:188 Resp: 1847445
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 9.1 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: BM010950.D
Acq: 21 Jul 2017 23:48

Tgt Ion:240 Resp: 1507836
Ion Ratio Lower Upper
240 100
120 5.7 8.2 12.2#
236 25.0 20.0 30.0

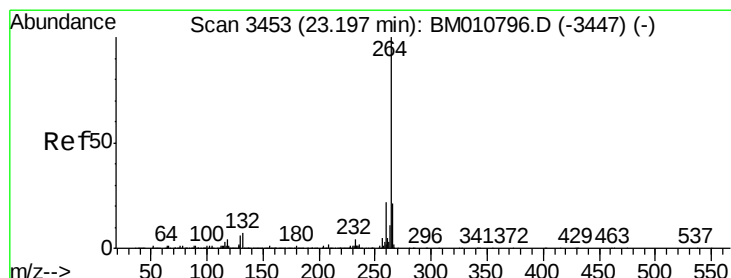
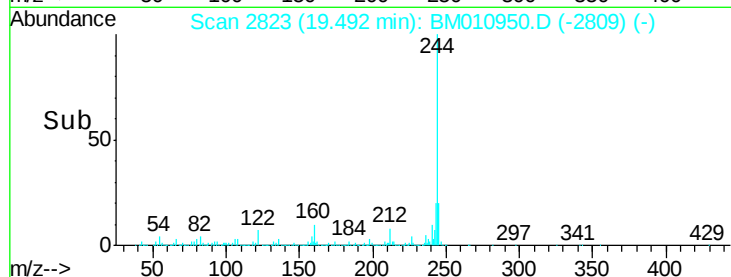
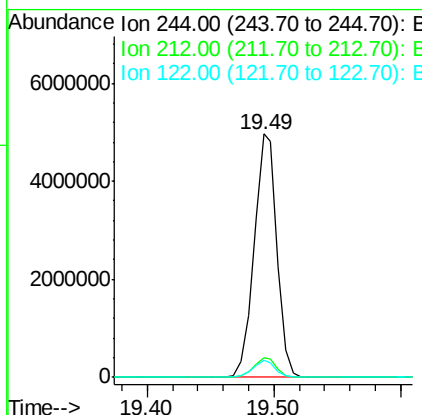
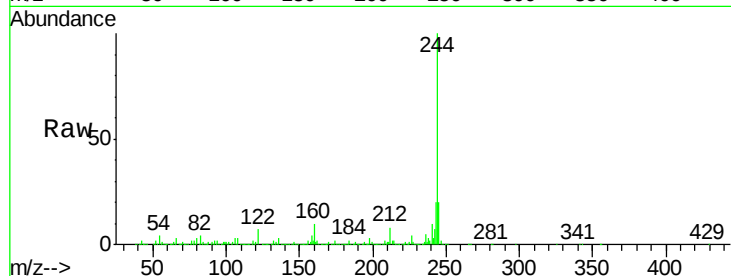




#78
 Terphenyl-d14
 Concen: 80.00 ng
 RT: 19.49 min Scan# 2823
 Delta R.T. -0.02 min
 Lab File: BM010950.D
 Acq: 21 Jul 2017 23:48

Instrument :
 BNA_M
 ClientSampleId :
 72-11978

Tgt Ion:244 Resp: 6237217
 Ion Ratio Lower Upper
 244 100
 212 8.3 4.9 7.3#
 122 7.0 6.2 9.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.17 min Scan# 3449
 Delta R.T. -0.02 min
 Lab File: BM010950.D
 Acq: 21 Jul 2017 23:48

Tgt Ion:264 Resp: 1399295
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.9 17.3 25.9

