

Data File : BM010917.D
Acq On : 20 Jul 2017 20:16
Operator : SJ/JU
Sample : I4250-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ROLL-OFF-4611-COMP

Quant Time: Jul 21 03:04:58 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	177103	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	673178	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	464851	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1187463	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1451444	20.00	ng	-0.01
86) Perylene-d12	23.19	264	1158244	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	1433388	134.07	ng	0.00
7) Phenol-d6	6.63	99	1724809	117.02	ng	0.00
23) Nitrobenzene-d5	8.58	82	1655389	94.52	ng	-0.01
41) 2,4,6-Tribromophenol	15.59	330	1047044	147.39	ng	0.00
44) 2-Fluorobiphenyl	12.70	172	3320796	88.87	ng	0.00
78) Terphenyl-d14	19.50	244	6294955	83.88	ng	0.00
Target Compounds						
76) Benzidine	19.12	184	212722	5.48	ng	Qvalue 99

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

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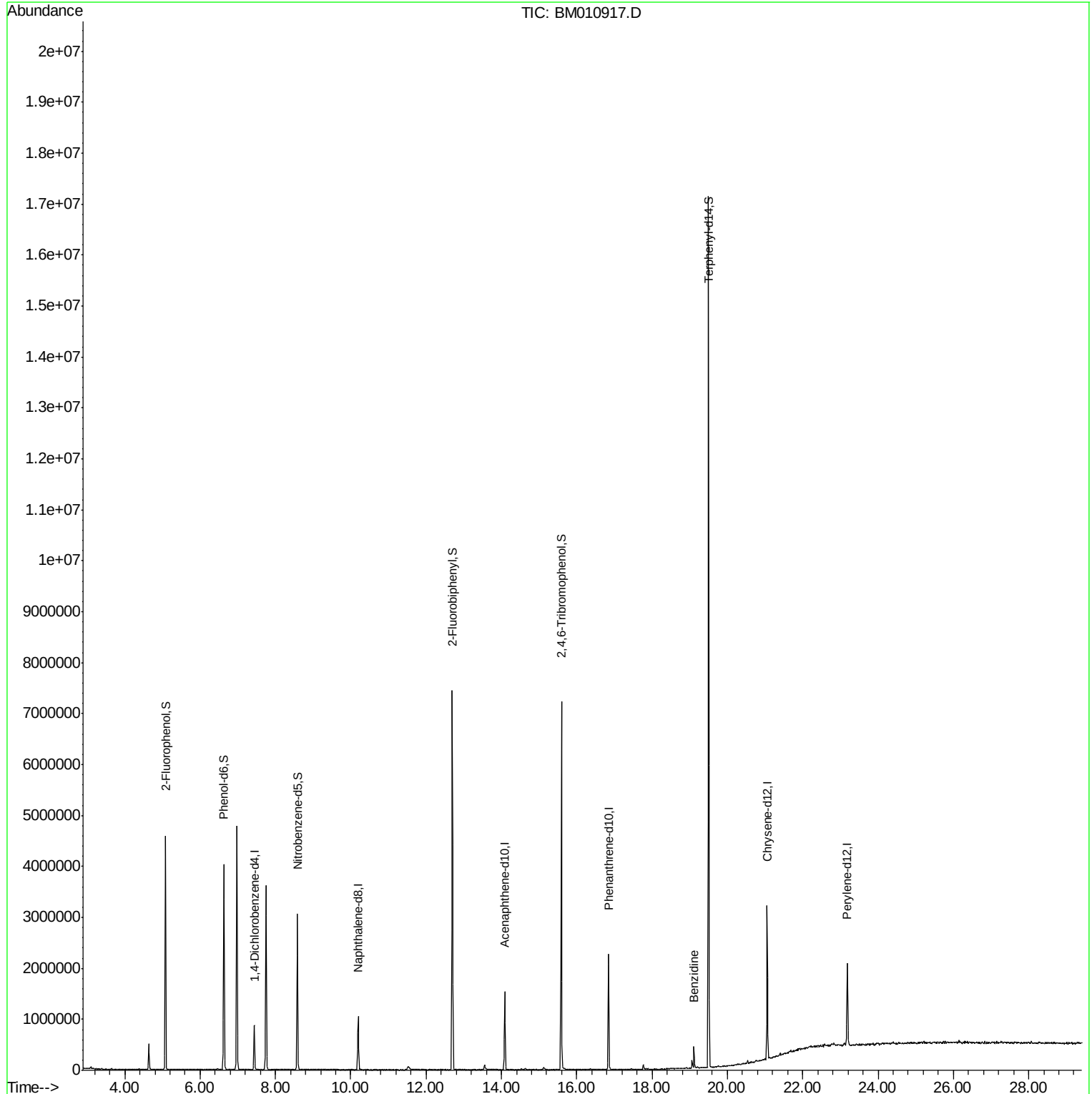
Quant Time: Jul 21 03:04:58 2017

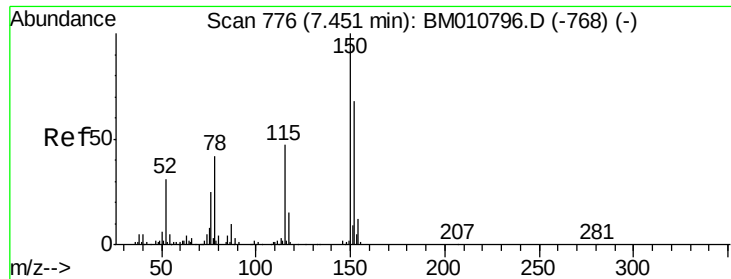
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM071217.M

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.44 min Scan# 774

Delta R.T. -0.01 min

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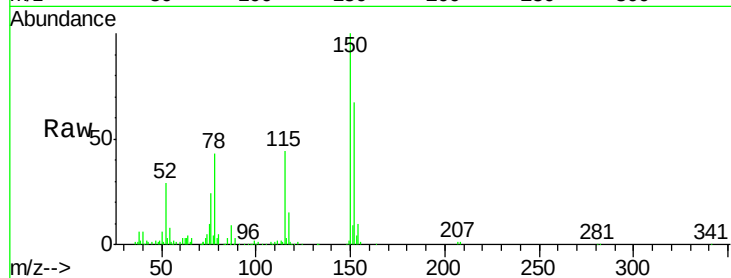
Instrument :

BNA_M

ClientSampleId :

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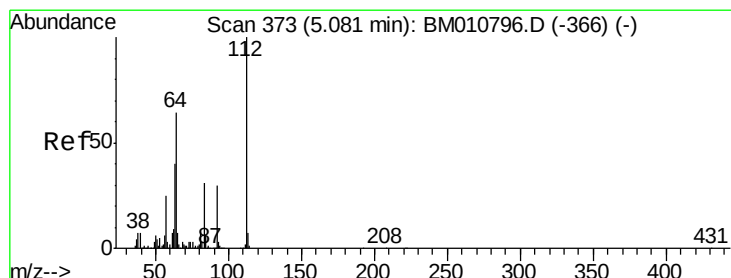
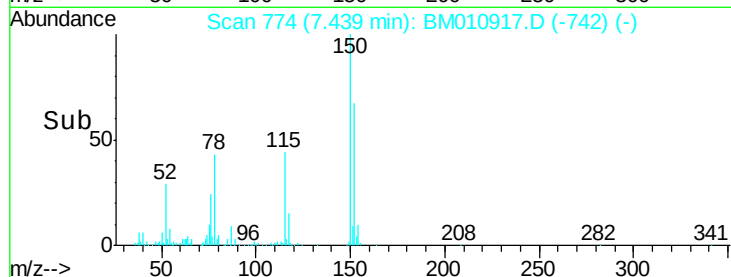
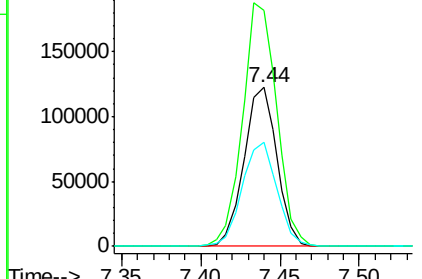
Tgt Ion:	152	Resp:	177103
Ion	Ratio	Lower	Upper
152	100		
150	148.8	119.5	179.3
115	65.4	43.0	64.4#



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: 134.07 ng

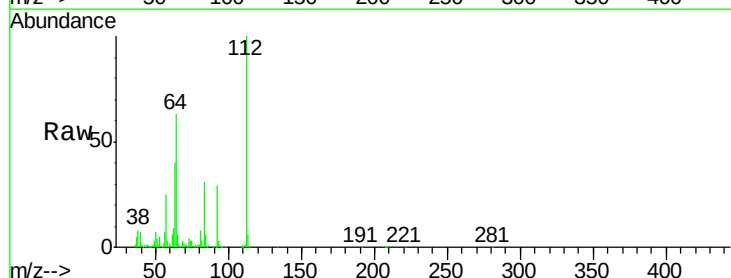
RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

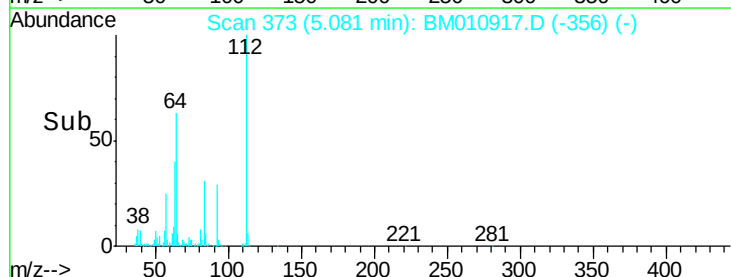
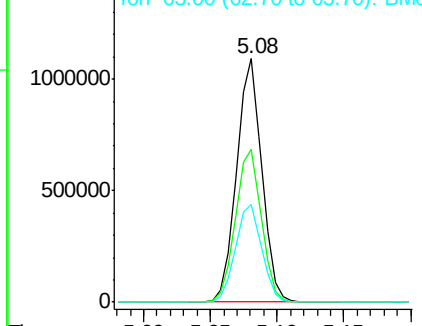
Tgt Ion:	112	Resp:	1433388
Ion	Ratio	Lower	Upper
112	100		
64	62.7	38.6	57.8#
63	40.2	19.3	28.9#

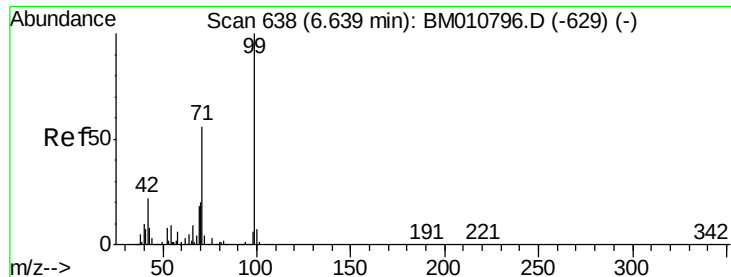


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 117.02 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

Instrument :

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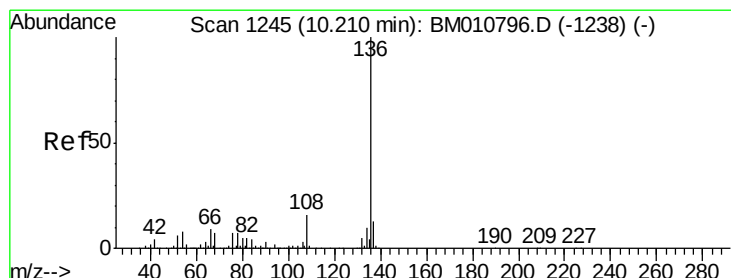
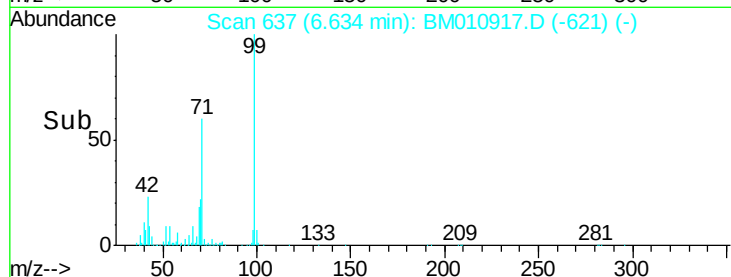
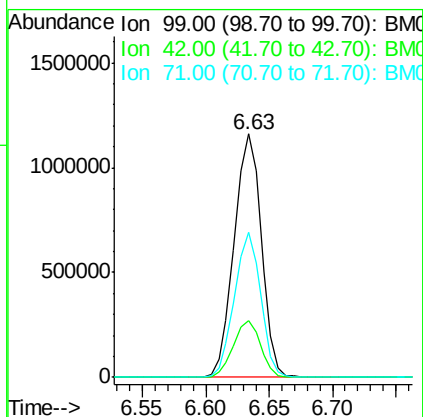
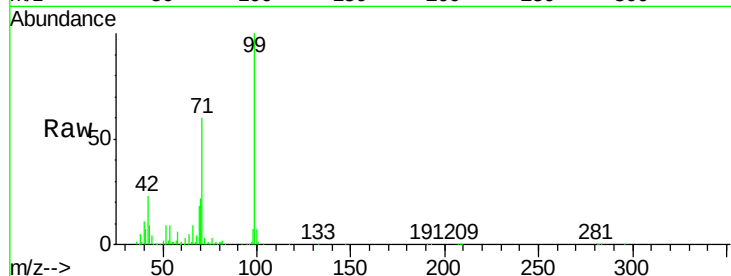
Tgt Ion: 99 Resp: 1724809

Ion Ratio Lower Upper

99 100

42 23.1 11.0 16.4#

71 59.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.20 min Scan# 1243

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

Tgt Ion: 136 Resp: 673178

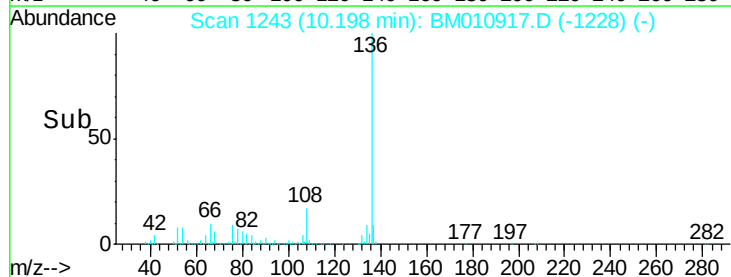
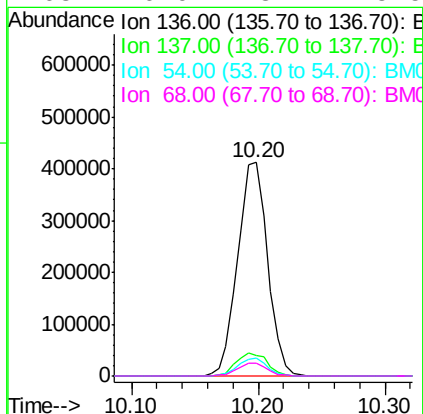
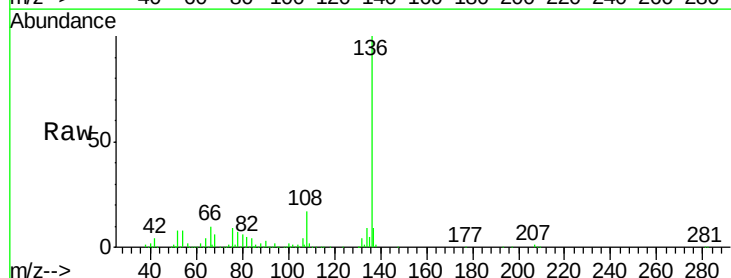
Ion Ratio Lower Upper

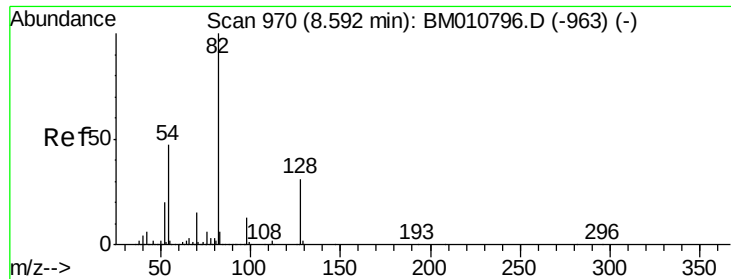
136 100

137 9.5 8.7 13.1

54 8.2 4.6 6.8#

68 6.0 3.7 5.5#

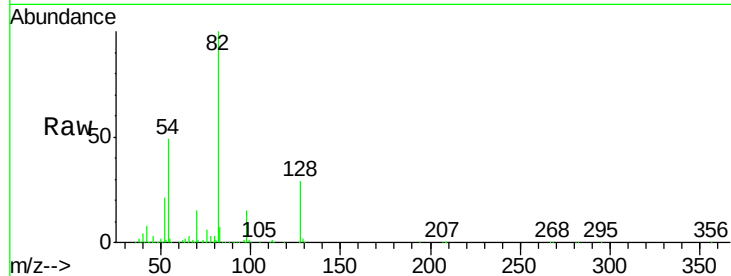




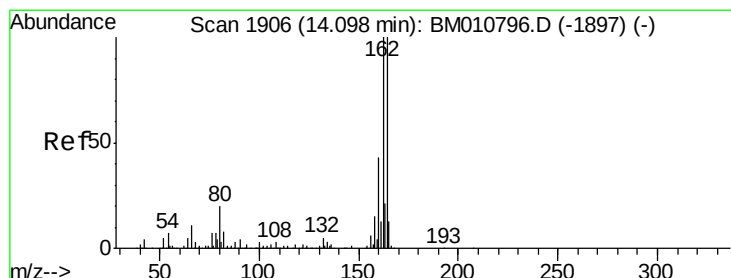
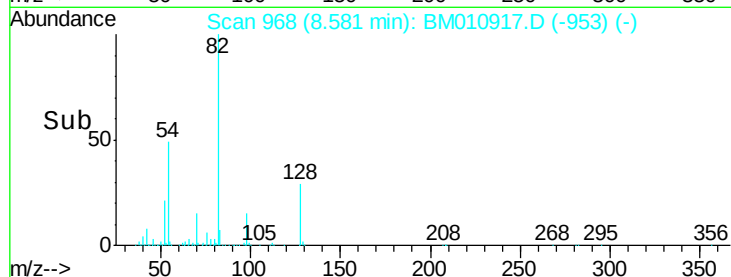
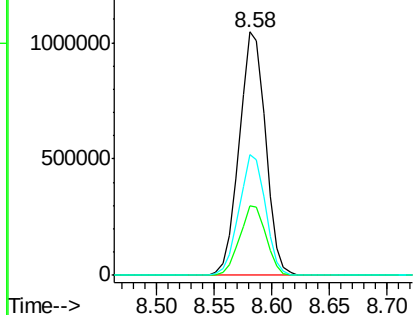
#23
 Nitrobenzene-d5
 Concen: 94.52 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

Instrument :
 BNA_M
 ClientSampleId :
 ROLL-OFF-4611-COMP

Tgt Ion: 82 Resp: 1655389
 Ion Ratio Lower Upper
 82 100
 128 28.6 32.8 49.2#
 54 49.5 40.6 60.8

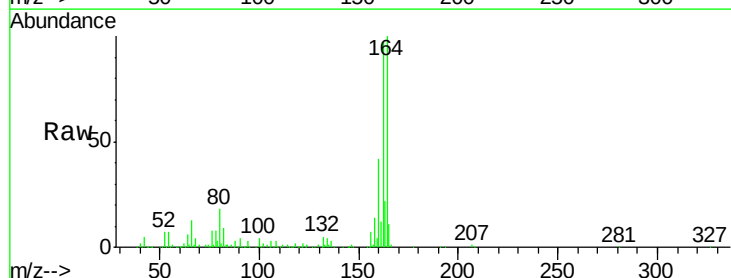


Abundance Ion 82.00 (81.70 to 82.70): BM
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BM

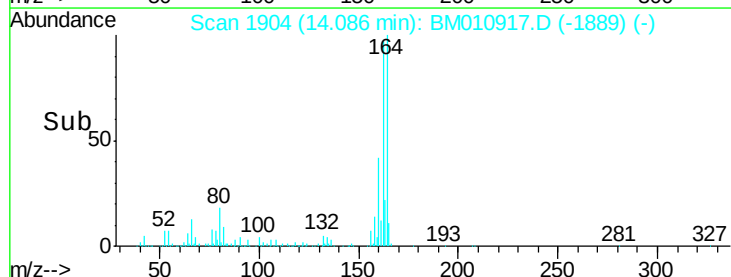
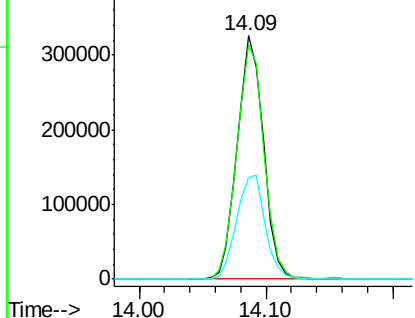


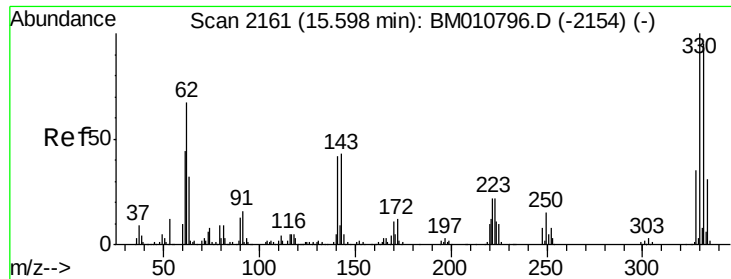
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

Tgt Ion: 164 Resp: 464851
 Ion Ratio Lower Upper
 164 100
 162 96.5 82.4 123.6
 160 41.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

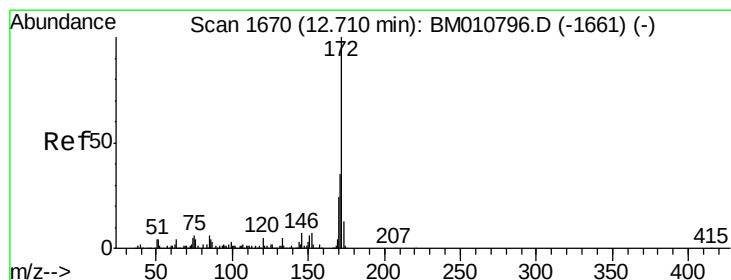
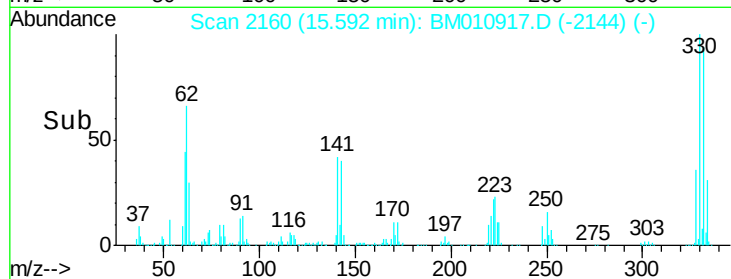
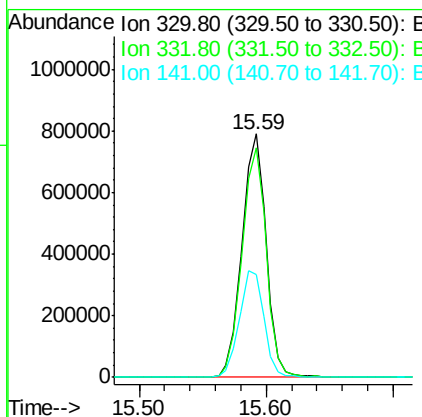
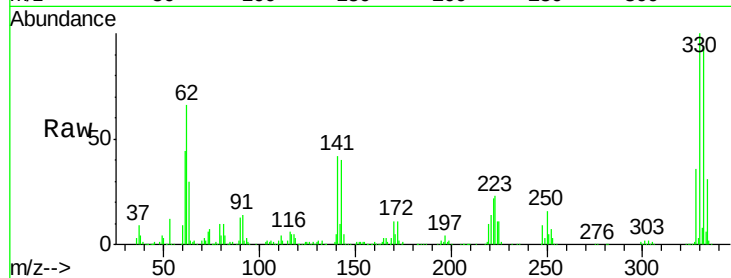




#41
 2,4,6-Tribromophenol
 Concen: 147.39 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

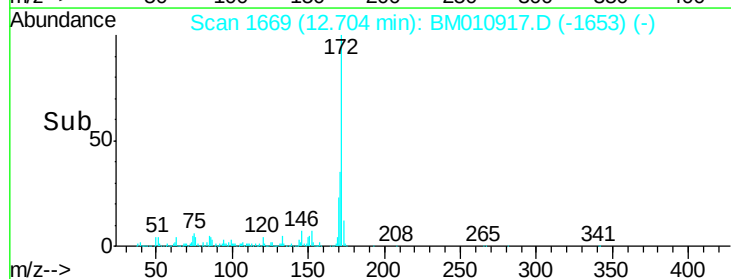
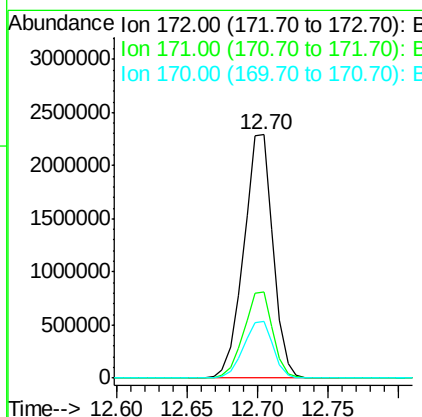
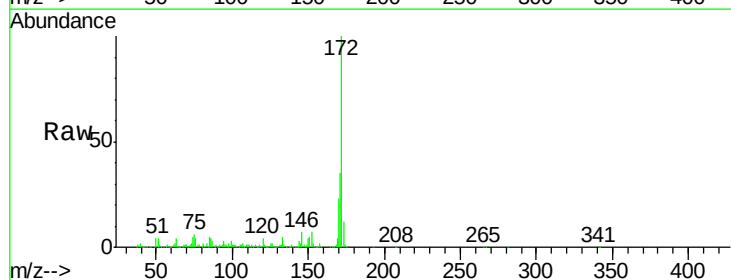
Instrument :
 BNA_M
 ClientSampleId :
 ROLL-OFF-4611-COMP

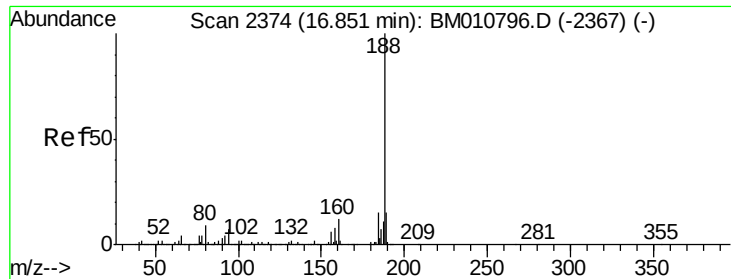
Tgt Ion: 330 Resp: 1047044
 Ion Ratio Lower Upper
 330 100
 332 94.4 0.0 0.0#
 141 44.2 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 88.87 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

Tgt Ion: 172 Resp: 3320796
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.5 42.7
 170 23.2 18.8 28.2

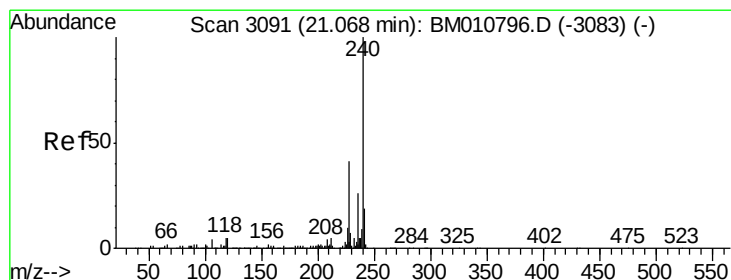
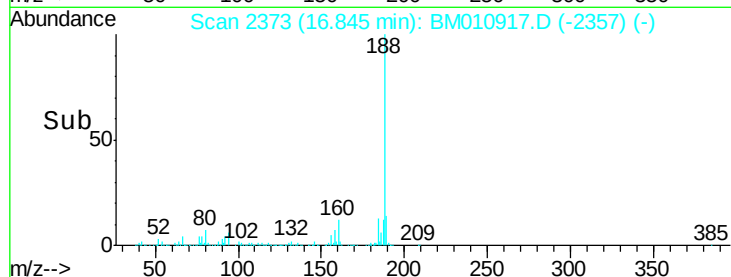
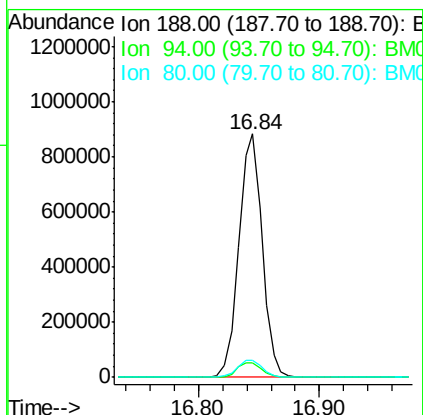
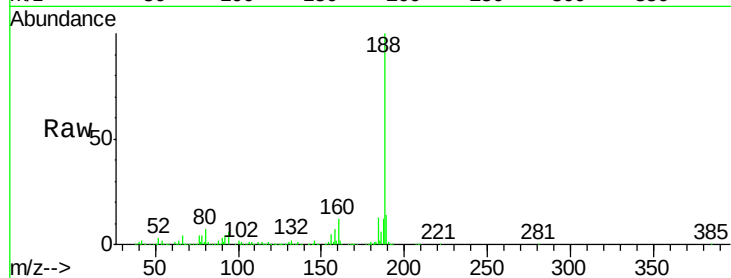




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010917.D
Acq: 20 Jul 2017 20:16

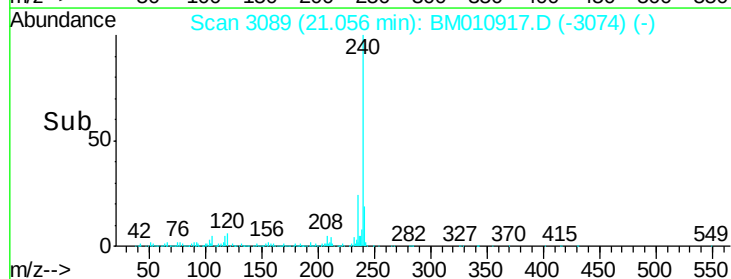
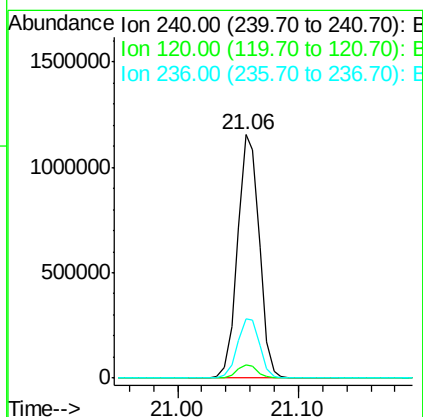
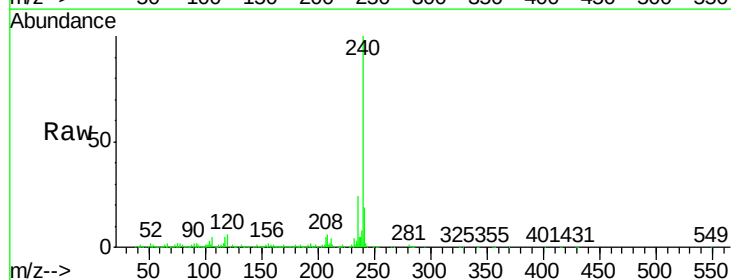
Instrument :
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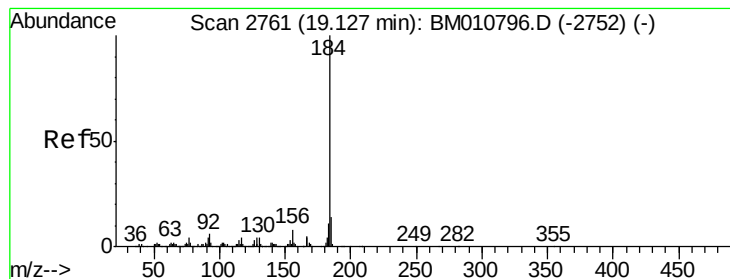
Tgt Ion:188 Resp: 1187463
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 6.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM010917.D
Acq: 20 Jul 2017 20:16

Tgt Ion:240 Resp: 1451444
Ion Ratio Lower Upper
240 100
120 5.7 8.2 12.2#
236 24.1 20.0 30.0





#76

Benzidine

Concen: 5.48 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

Instrument :

BNA_M

ClientSampleId :

ROLL-OFF-4611-COMP

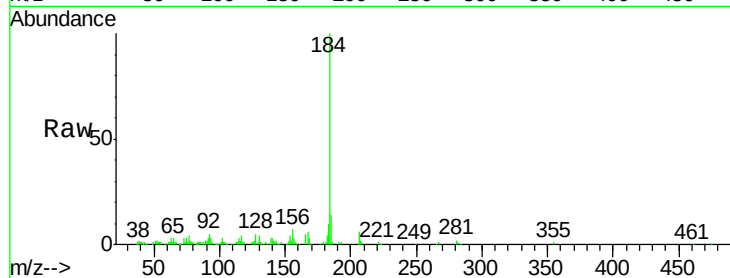
Tgt Ion:184 Resp: 212722

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

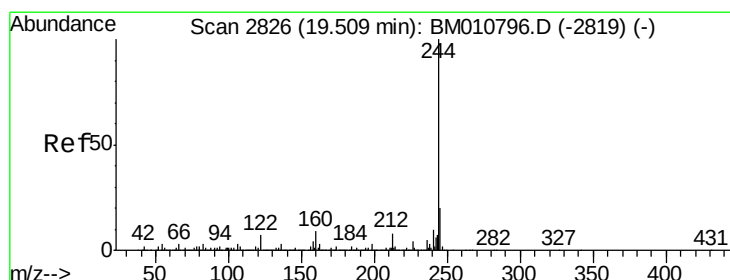
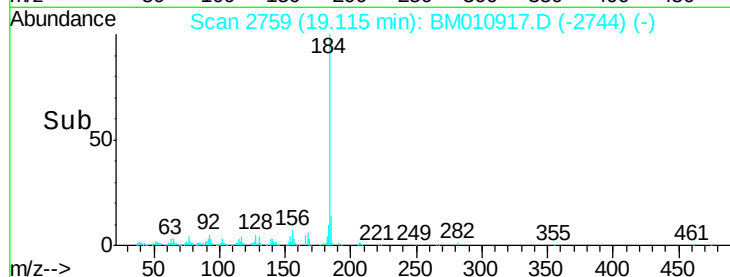
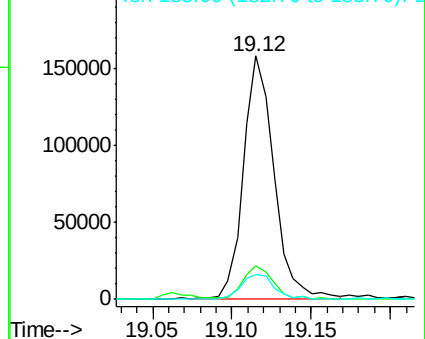
183 10.3 8.9 13.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 83.88 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

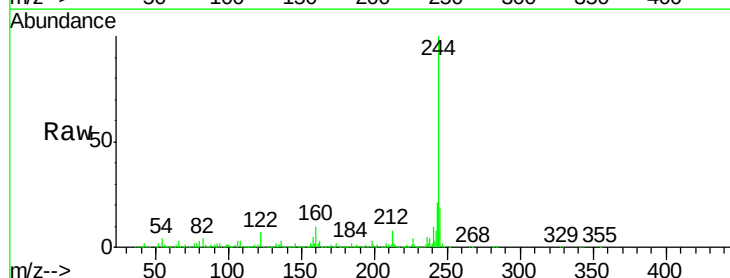
Tgt Ion:244 Resp: 6294955

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

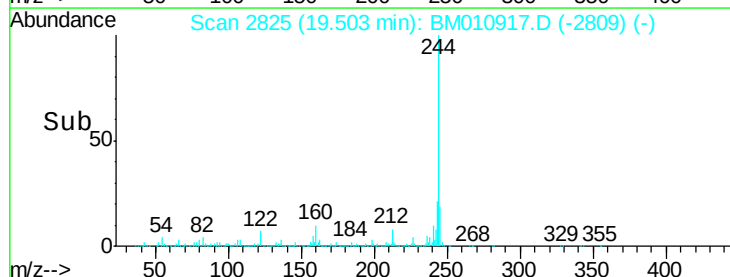
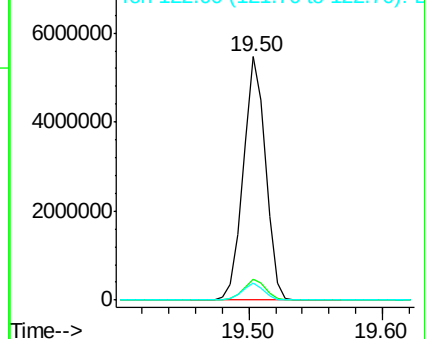
122 7.0 6.2 9.4

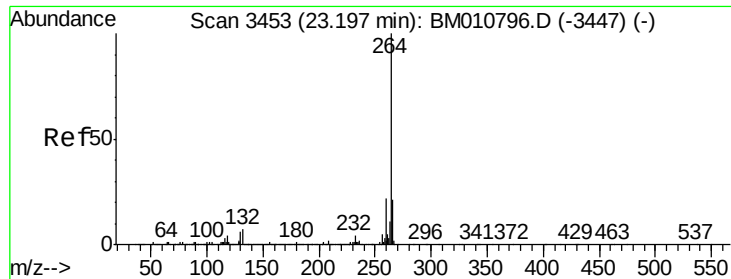


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.19 min Scan# 3451
Delta R.T. -0.01 min
Lab File: BM010917.D
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Instrument :
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Tgt Ion: 264 Resp: 1158244

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.6	27.8
265	21.6	17.3	25.9

