

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
 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

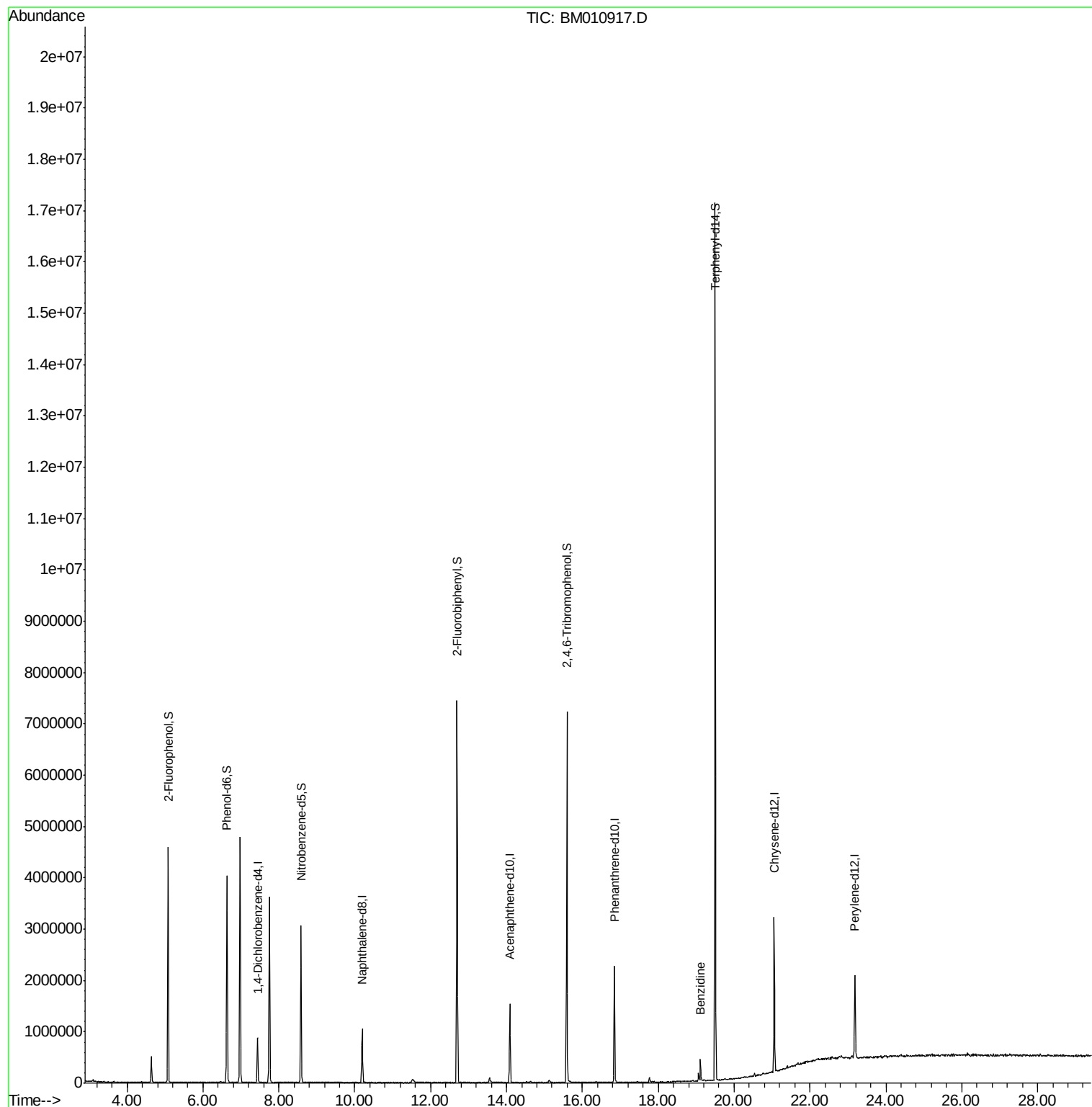
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	177103	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	673178	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	464851	20.00	ng	-0.01
63) Phenanthrene-d10	16.84	188	1187463	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1451444	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	5.477	ng	Qvalue 99

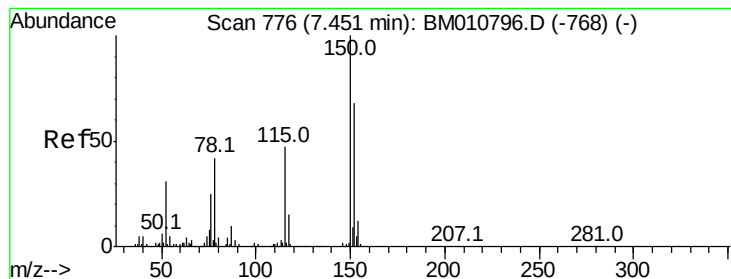
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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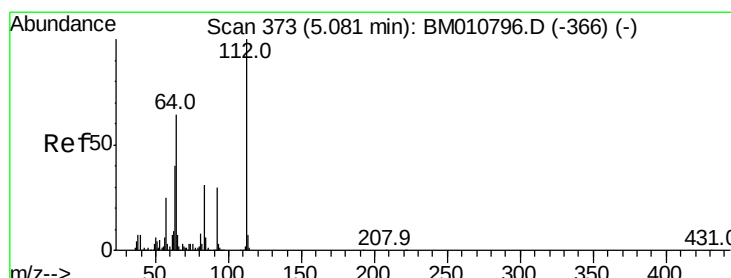
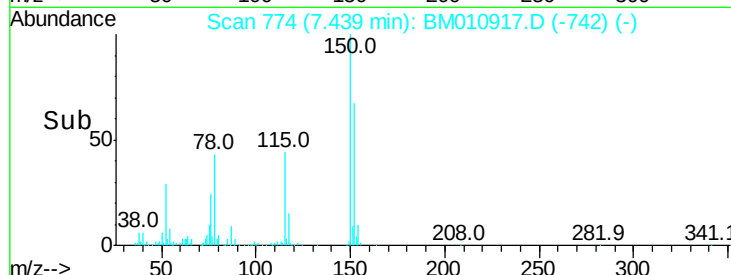
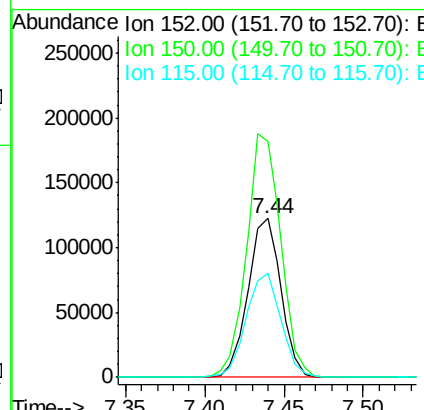
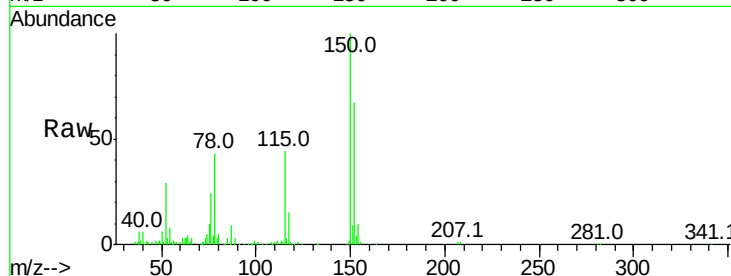




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.44 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

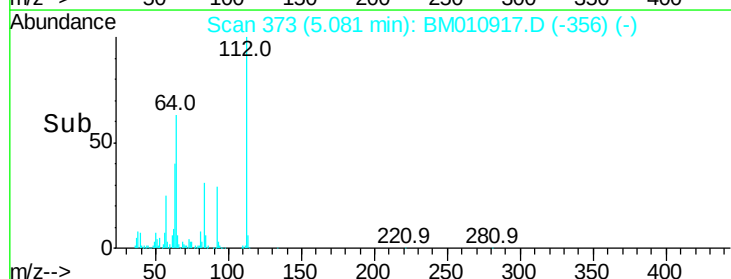
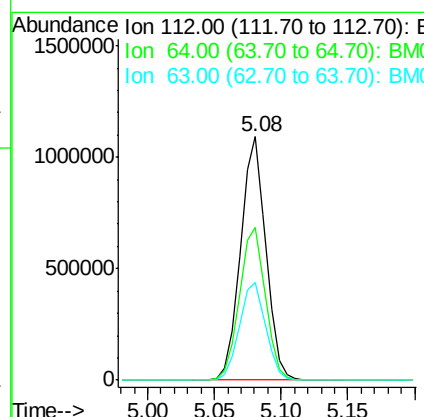
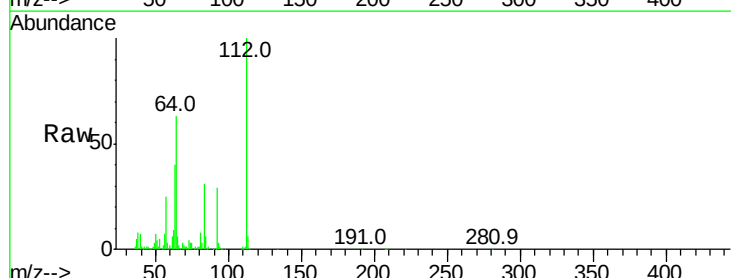
Instrument :
 BNA_M
 ClientSampleId :
 ROLL-OFF-4611-COMP

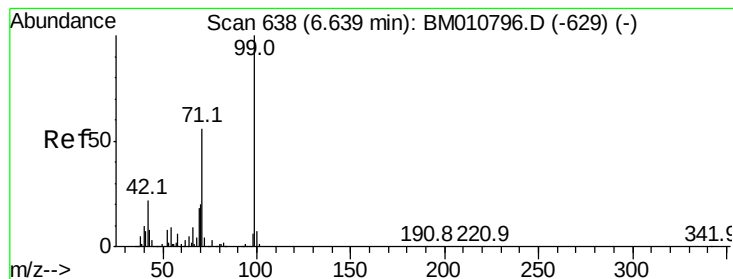
Tot Ion:152 Resp: 177103
 Ion Ratio Lower Upper
 152 100
 150 148.8 119.5 179.3
 115 65.4 43.0 64.4#



#5
 2-Fluorophenol
 Concen: 134.069 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#





#7

Phenol-d6

Concen: 117.023 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

Instrument :

BNA_M

ClientSampleId :

ROLL-OFF-4611-COMP

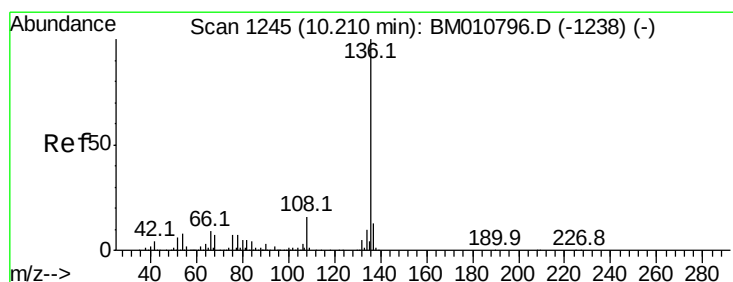
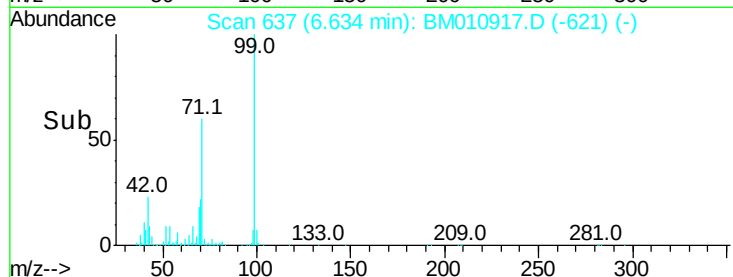
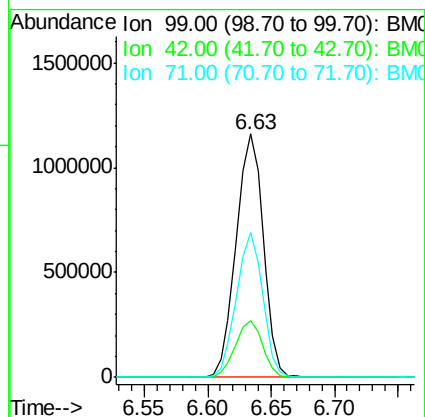
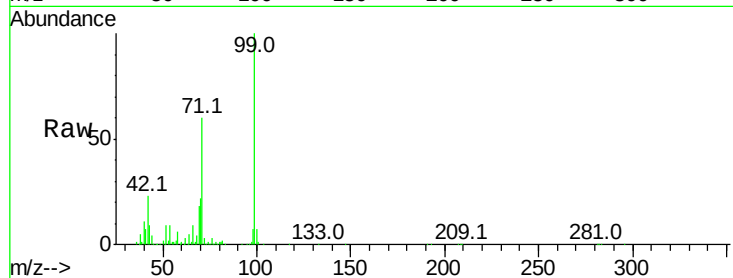
Tot Ion: 99 Resp: 1724809

Ion Ratio Lower Upper

99 100

42 23.1 11.0 16.4#

71 59.6 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 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

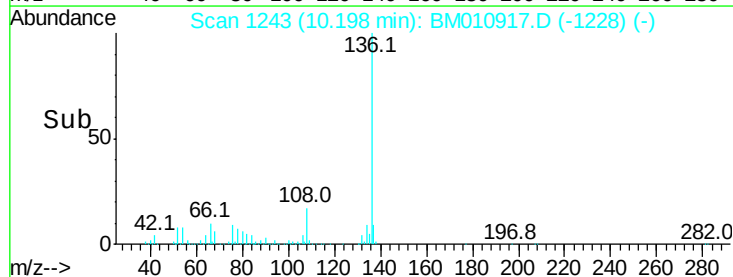
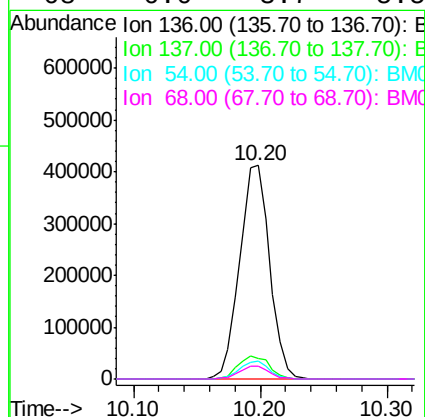
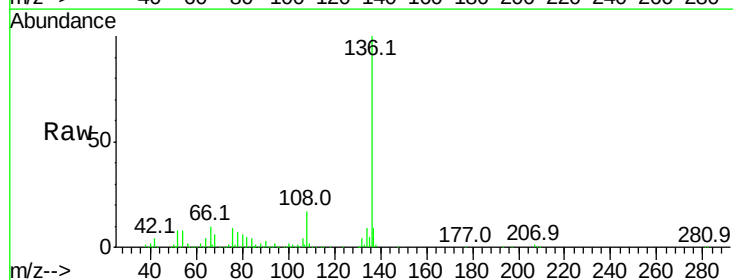
Ion Ratio Lower Upper

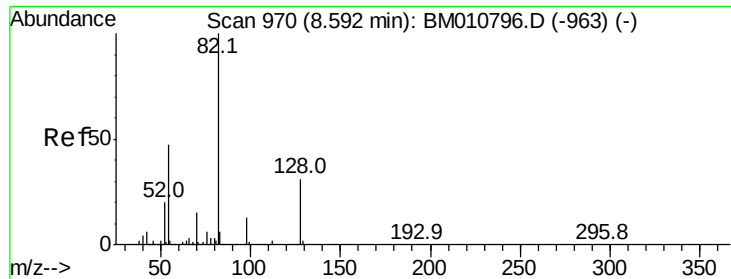
136 100

137 9.5 8.7 13.1

54 8.2 4.6 6.8#

68 6.0 3.7 5.5#



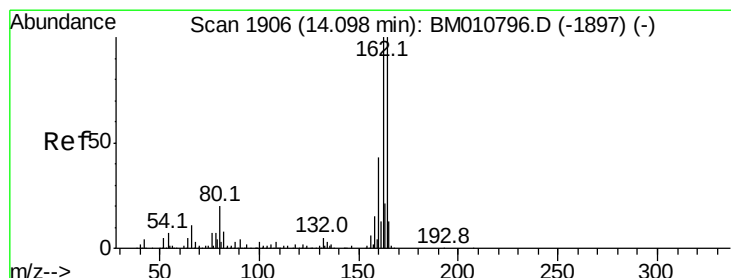
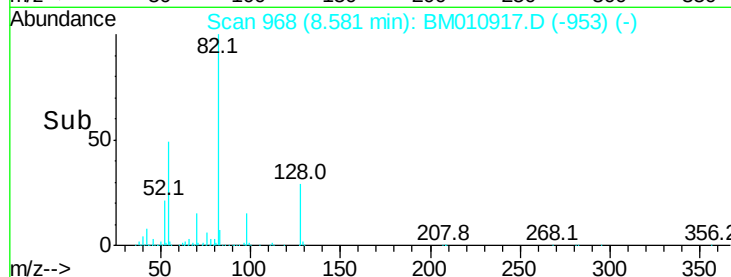
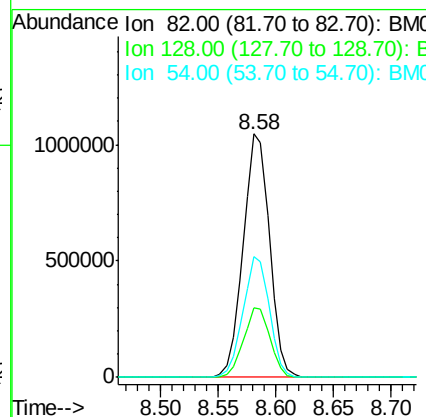
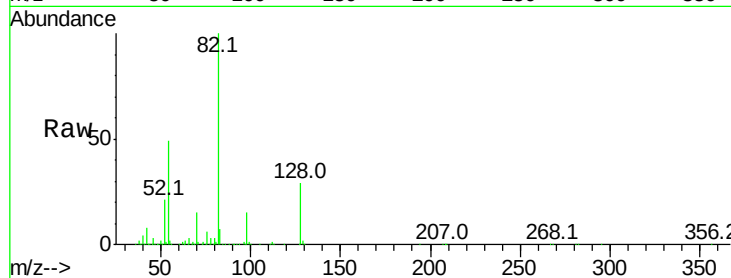


#23
 Nitrobenzene-d5
 Concen: 94.521 ng
 RT: 8.58 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

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

Tot Ion: 82 Resp: 1655389

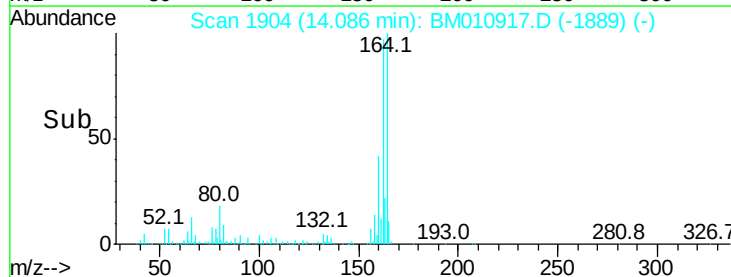
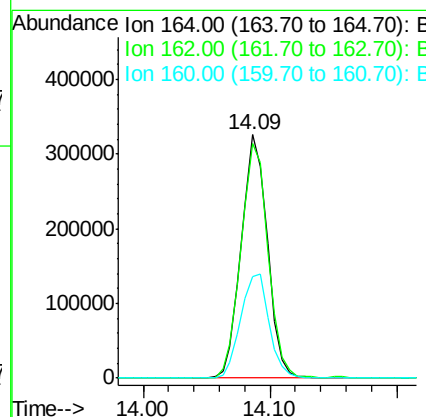
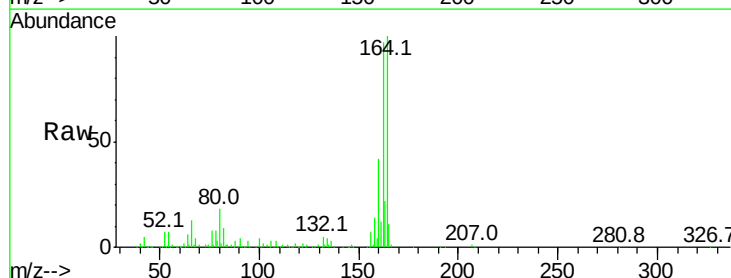
Ion	Ratio	Lower	Upper
82	100		
128	28.6	32.8	49.2#
54	49.5	40.6	60.8

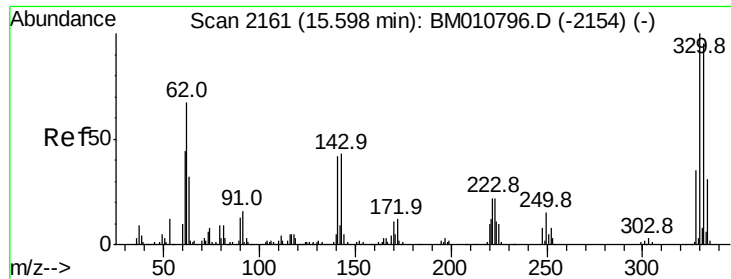


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.09 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

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

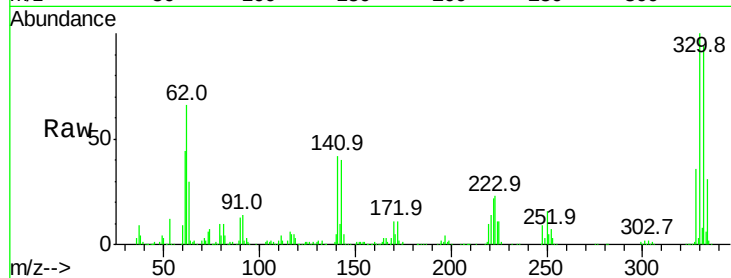




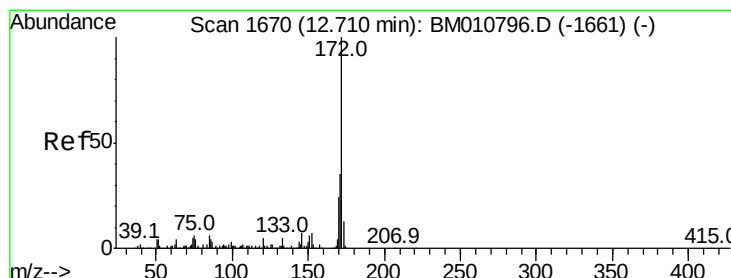
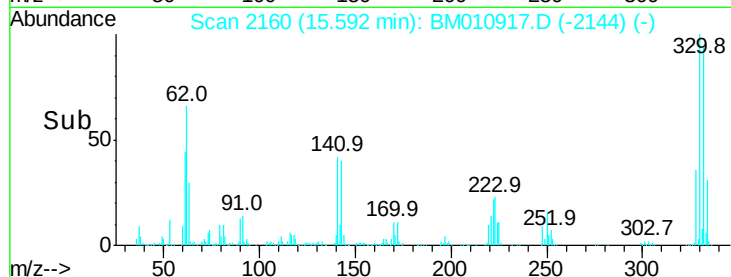
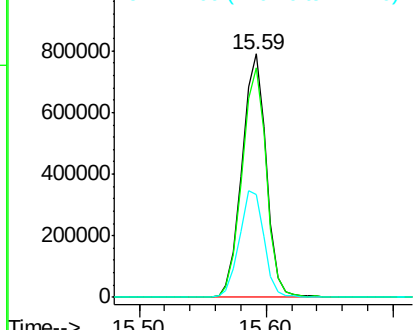
#41
 2,4,6-Tribromophenol
 Concen: 147.392 ng
 RT: 15.59 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

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

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

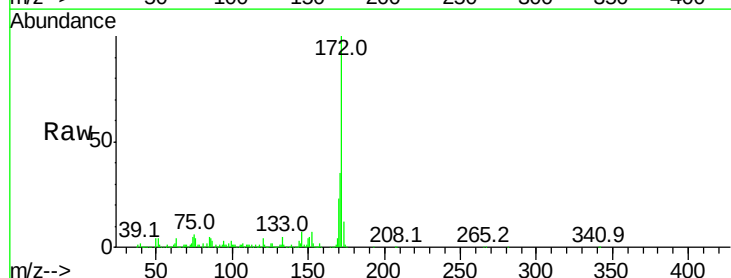


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

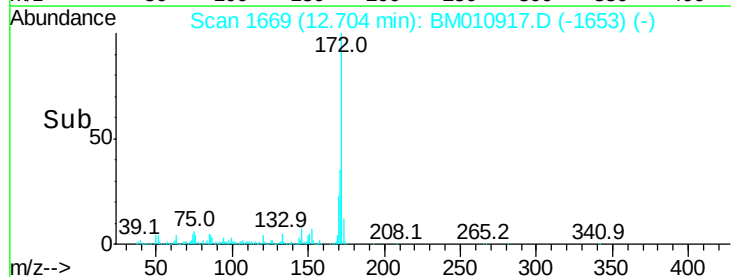
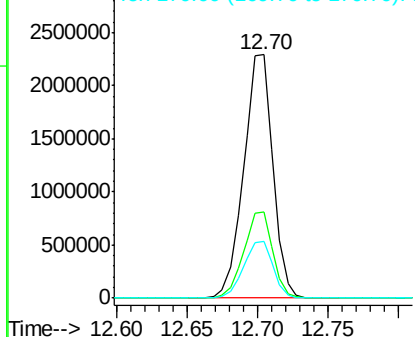


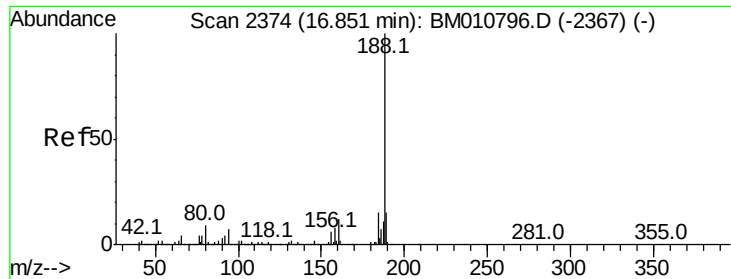
#44
 2-Fluorobiphenyl
 Concen: 88.870 ng
 RT: 12.70 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

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



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

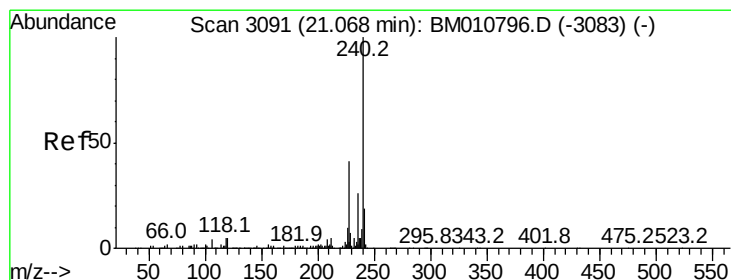
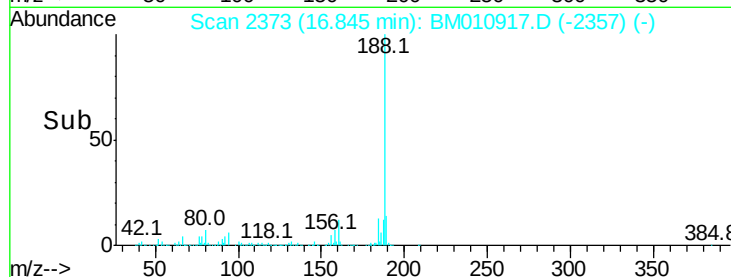
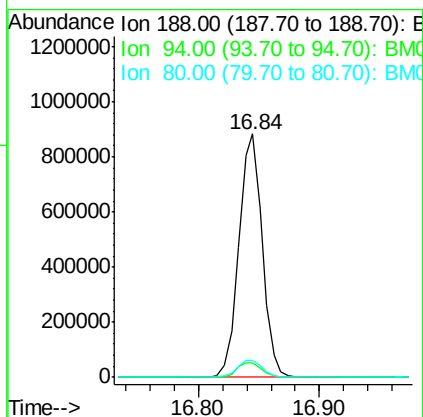
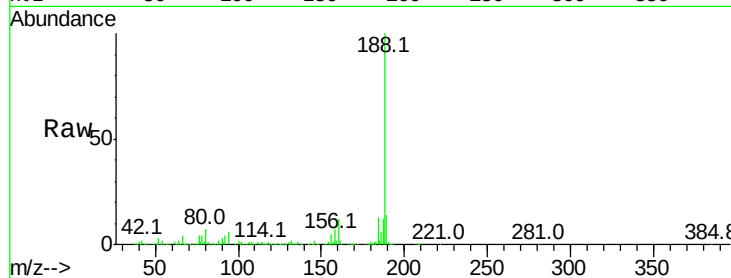




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.84 min Scan# 2373
Delta R.T. -0.01 min
Lab File: BM010917.D
Acq: 20 Jul 2017 20:16

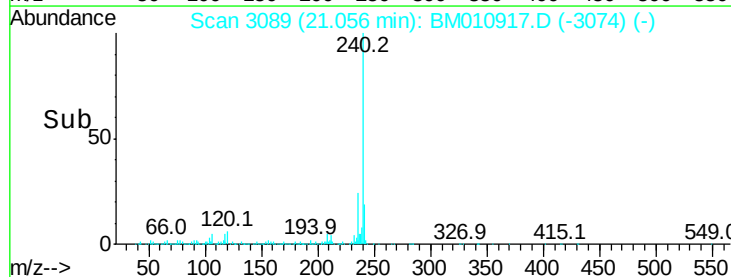
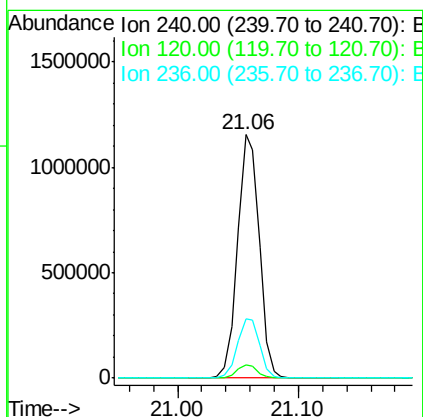
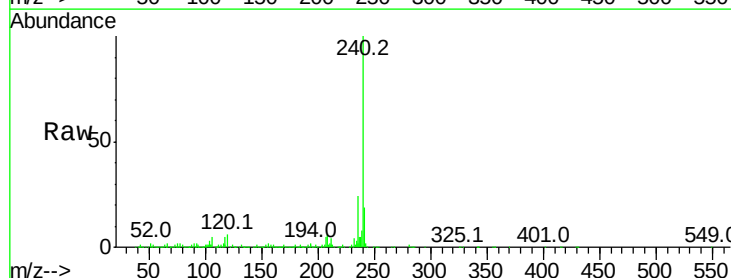
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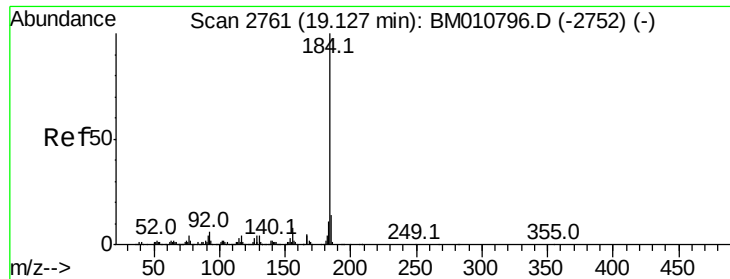
Tot Ion:188 Resp: 1187463
Ion Ratio Lower Upper
188 100
94 6.1 8.7 13.1#
80 6.9 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 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: 5.477 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

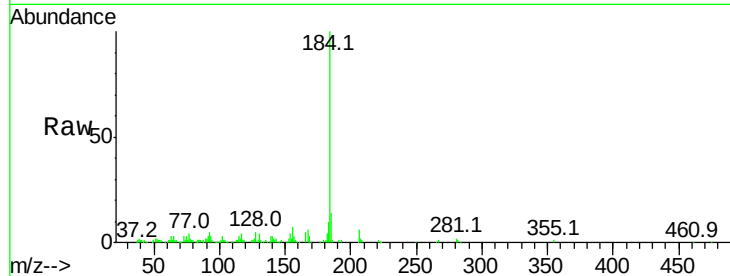
Tot Ion:184 Resp: 212722

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

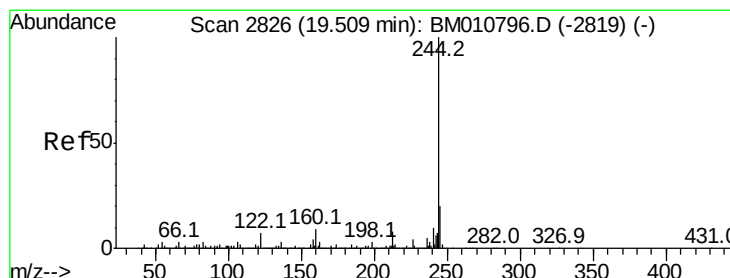
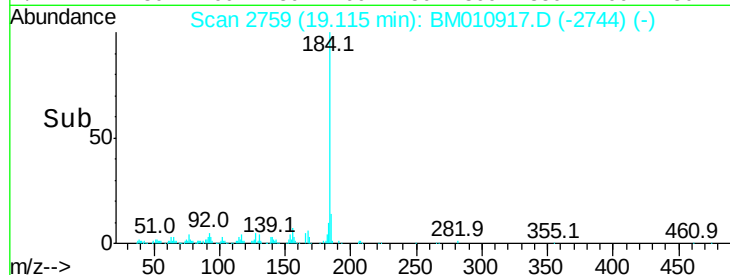
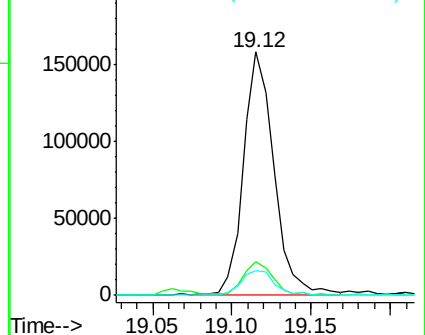
183 10.3 8.9 13.3



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: 83.883 ng

RT: 19.50 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM010917.D

Acq: 20 Jul 2017 20:16

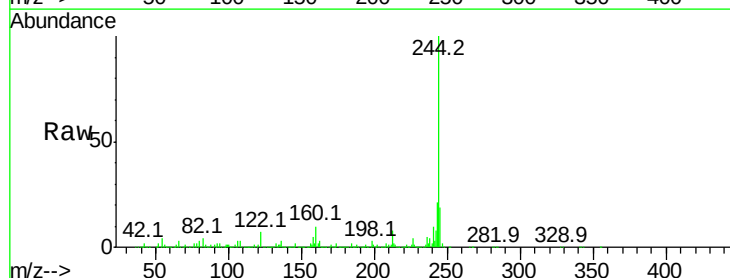
Tgt Ion:244 Resp: 6294955

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

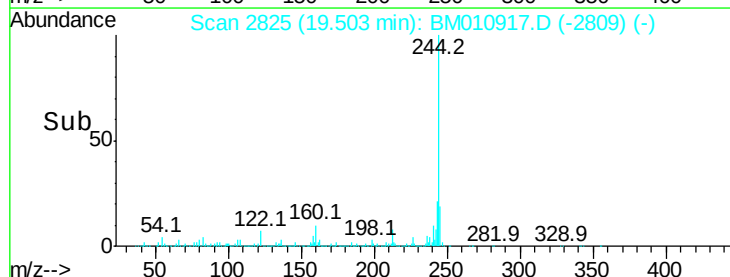
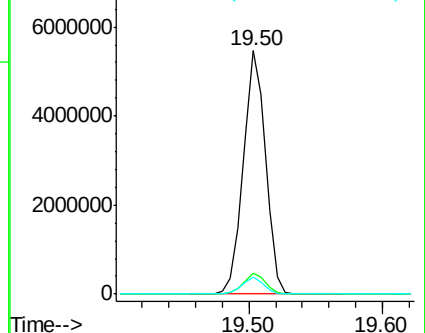
122 7.0 6.2 9.4

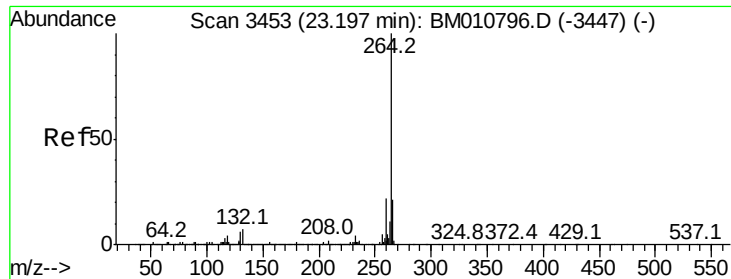


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



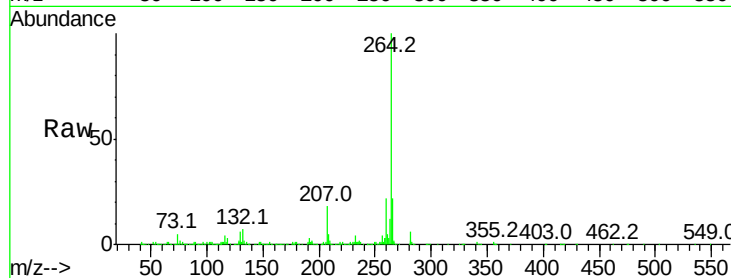


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3451
 Delta R.T. -0.01 min
 Lab File: BM010917.D
 Acq: 20 Jul 2017 20:16

Instrument :
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Tot Ion:264 Resp: 1158244

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

