

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052217\
 Data File : BM010132.D
 Acq On : 23 May 2017 08:58
 Operator : SJ/MA
 Sample : I3222-18
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLIND-DUPE-Y

Quant Time: May 23 13:09:06 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

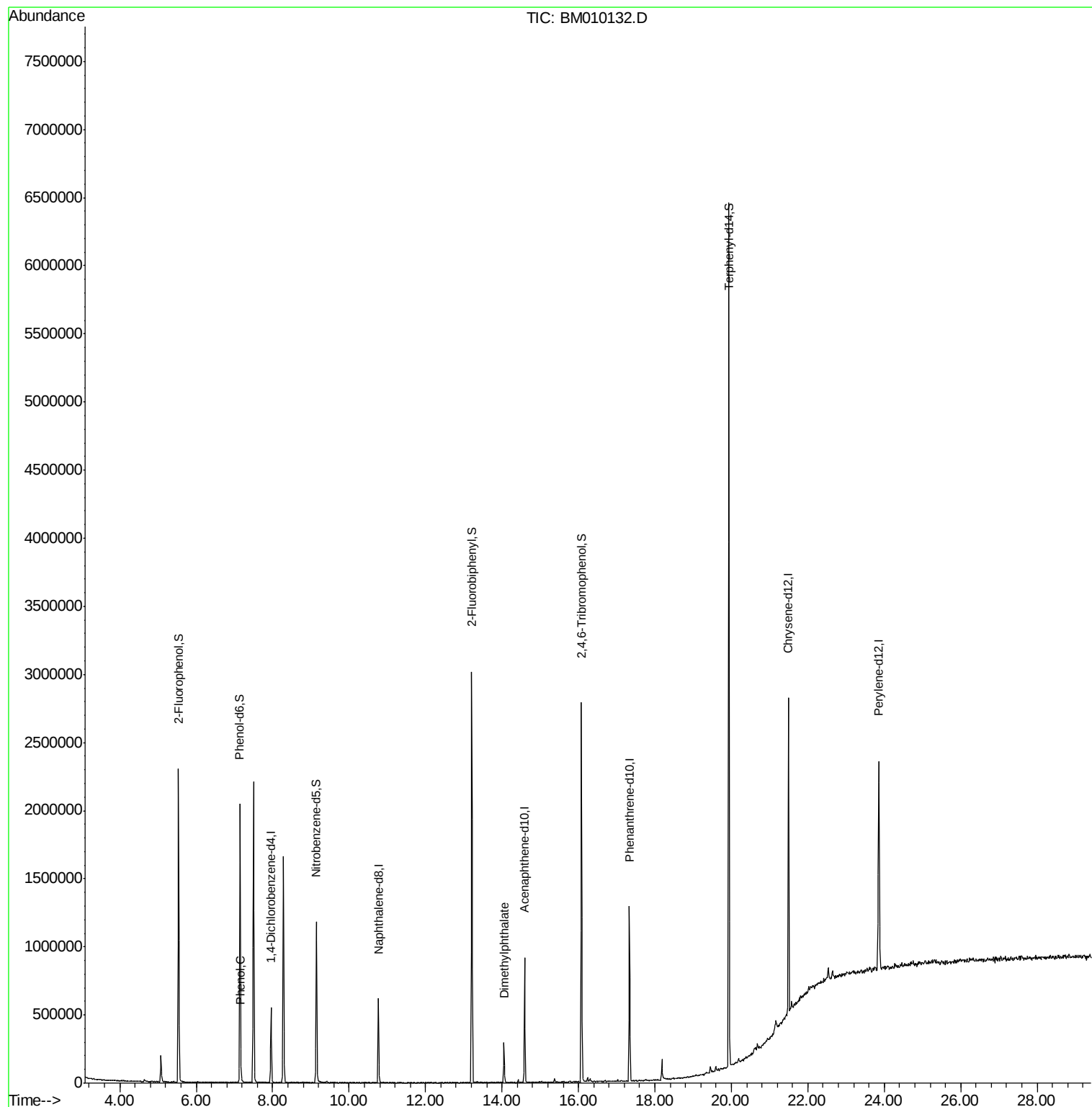
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	134761	20.00	ng	-0.02
21) Naphthalene-d8	10.77	136	456510	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	289262	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	748609	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1127181	20.00	ng	-0.02
86) Perylene-d12	23.86	264	1277058	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	814994	109.21	ng	-0.02
7) Phenol-d6	7.15	99	1015560	105.76	ng	-0.02
23) Nitrobenzene-d5	9.15	82	650393	76.87	ng	-0.02
41) 2,4,6-Tribromophenol	16.08	330	476596	108.48	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	1499142	66.63	ng	-0.02
78) Terphenyl-d14	19.93	244	2743978	55.35	ng	-0.02
Target Compounds						
10) Phenol	7.17	94	22459	2.22	ng	Qvalue 87
49) Dimethylphthalate	14.05	163	169063	6.55	ng	# 97

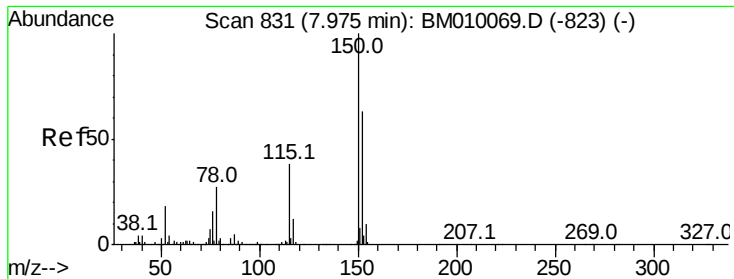
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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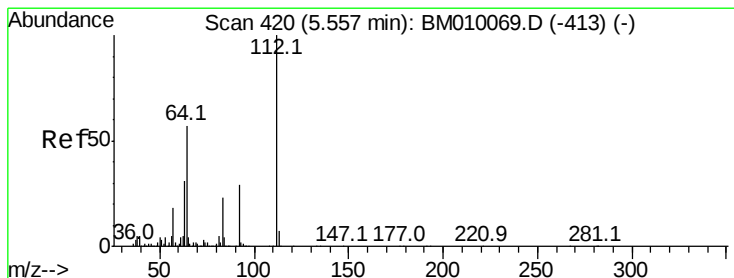
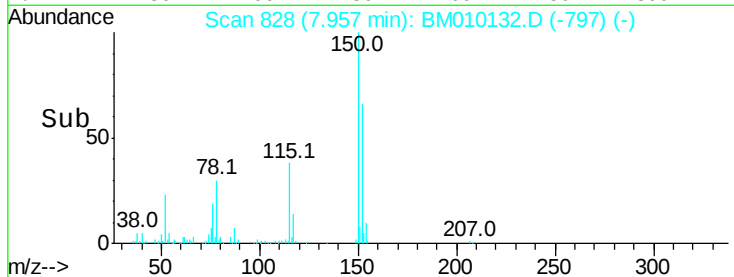
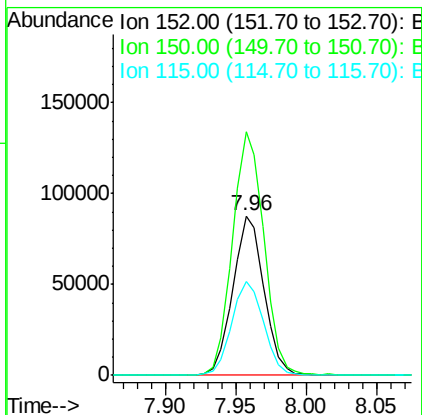
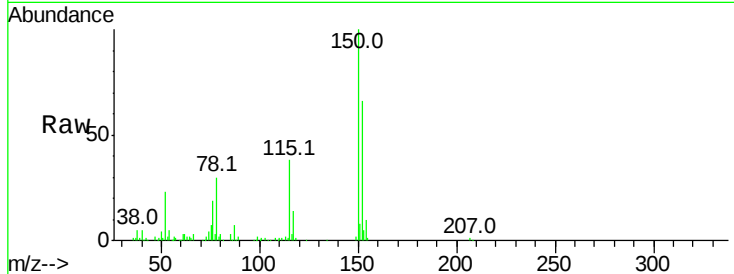


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 828
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPE-Y

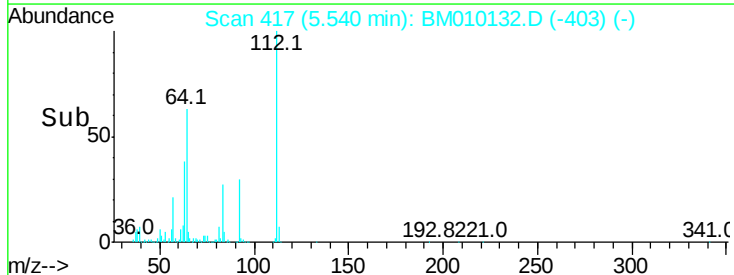
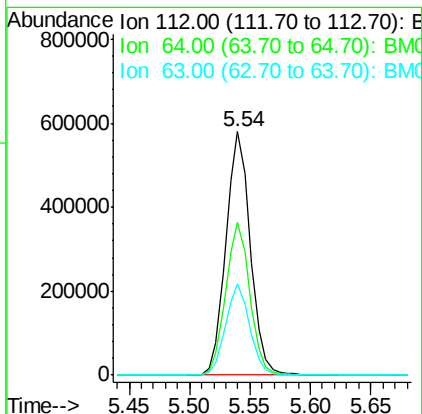
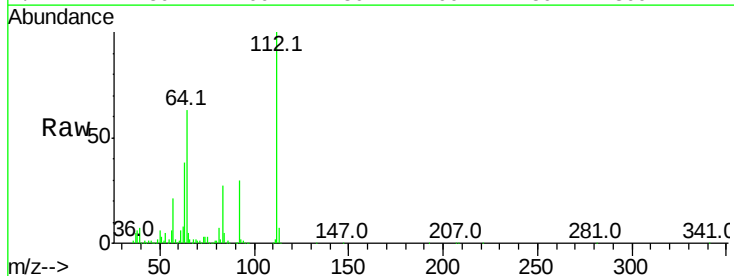
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	119.5	179.3
115	58.6	43.0	64.4



#5

2-Fluorophenol
Concen: 109.21 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.6	38.6	57.8#
63	37.7	19.3	28.9#





#7

Phenol-d6

Concen: 105.76 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

Instrument :

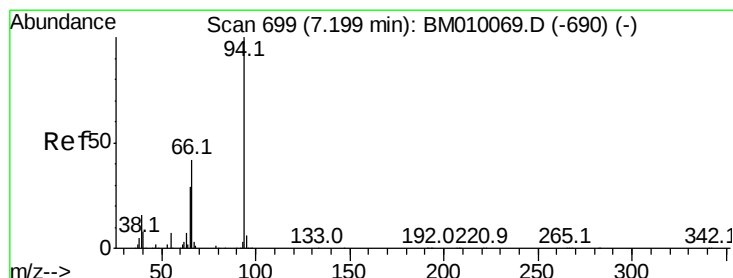
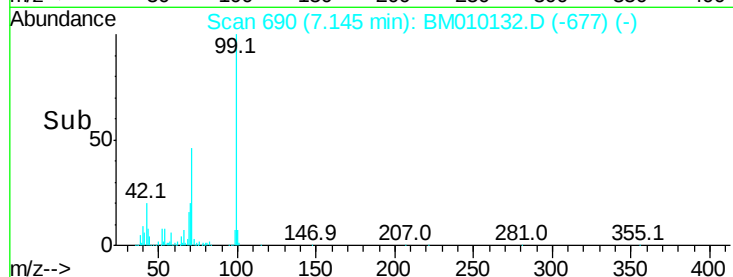
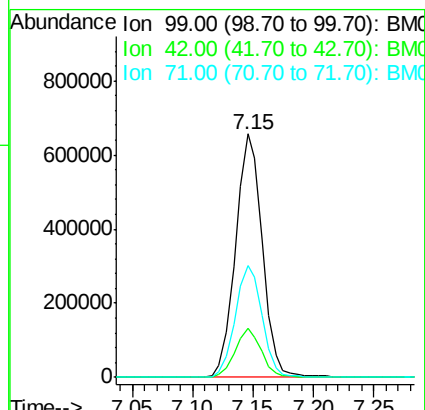
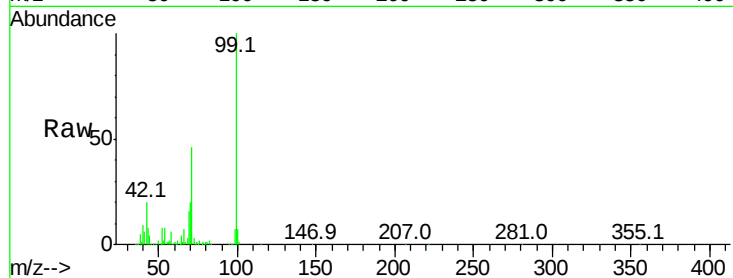
BNA_M

ClientSampleId :

BLIND-DUPE-Y

Tot Ion: 99 Resp: 1015560

Ion	Ratio	Lower	Upper
99	100		
42	20.1	11.0	16.4#
71	46.1	23.4	35.2#



#10

Phenol

Concen: 2.22 ng

RT: 7.17 min Scan# 695

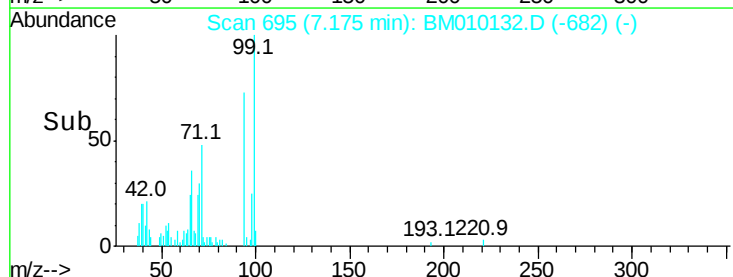
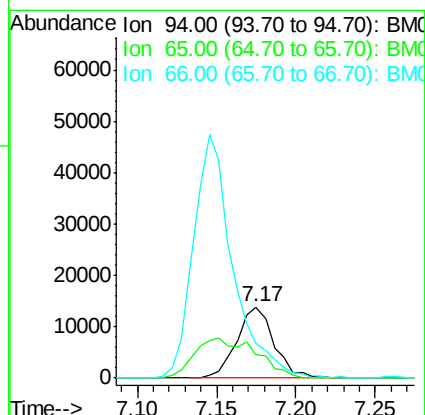
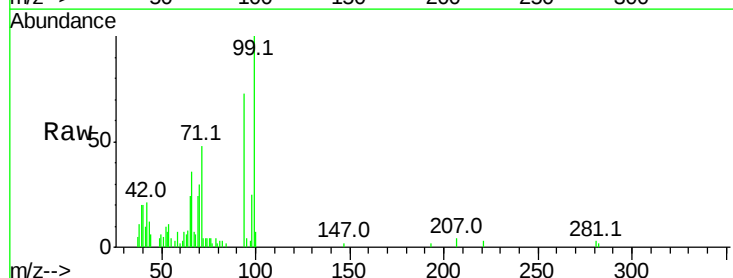
Delta R.T. -0.02 min

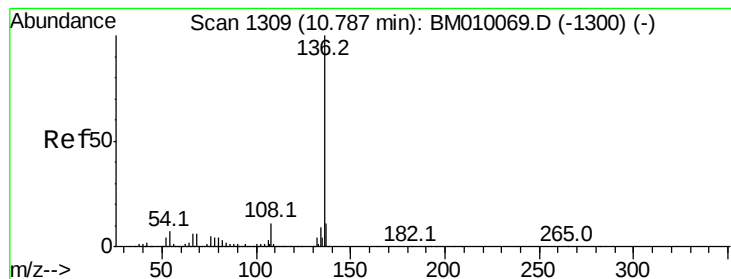
Lab File: BM010132.D

Acq: 23 May 2017 08:58

Tgt Ion: 94 Resp: 22459

Ion	Ratio	Lower	Upper
94	100		
65	32.6	18.8	58.8
66	49.0	39.9	79.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.77 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

Instrument :

BNA_M

ClientSampleId :

BLIND-DUPE-Y

Tot Ion:136 Resp: 456510

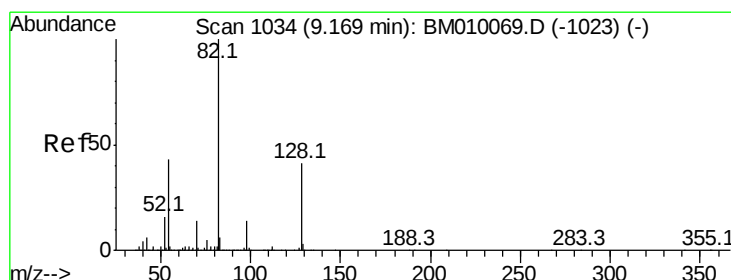
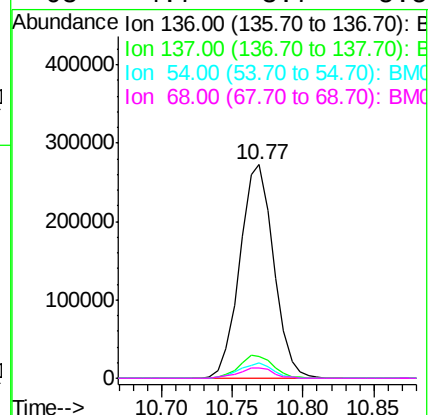
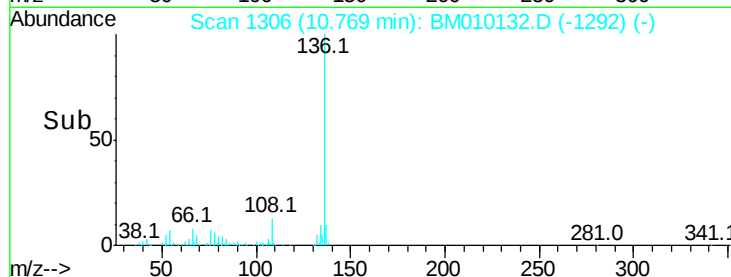
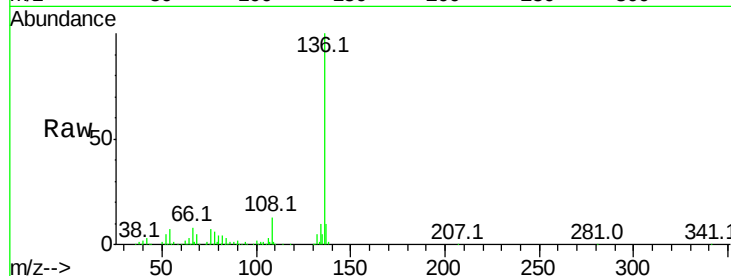
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 7.2 4.6 6.8#

68 4.7 3.7 5.5



#23

Nitrobenzene-d5

Concen: 76.87 ng

RT: 9.15 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

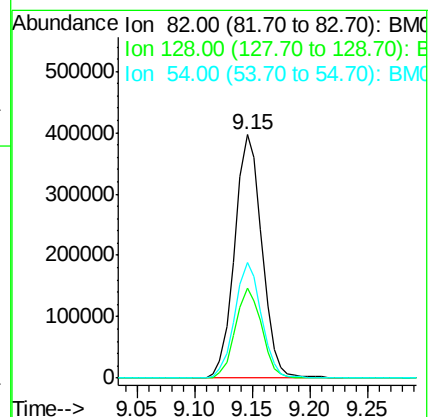
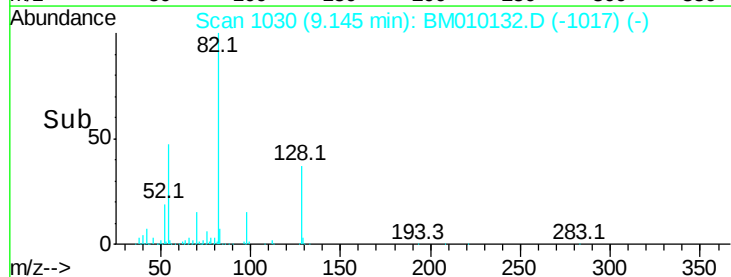
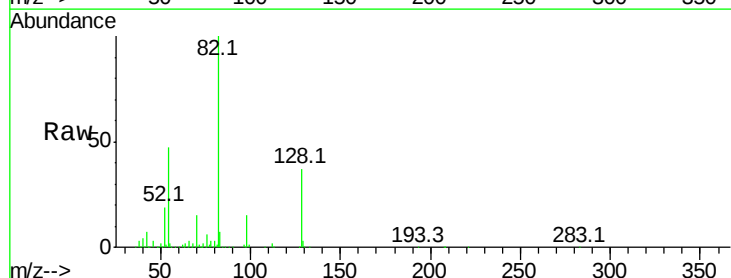
Tgt Ion: 82 Resp: 650393

Ion Ratio Lower Upper

82 100

128 36.9 32.8 49.2

54 47.3 40.6 60.8





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.59 min Scan# 1956

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

Instrument :

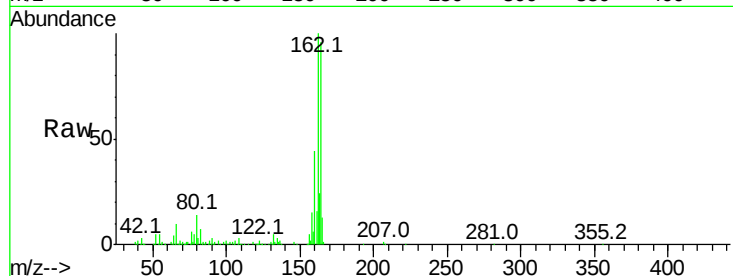
BNA_M

ClientSampleId :

BLIND-DUPE-Y

Tot Ion:164 Resp: 289262

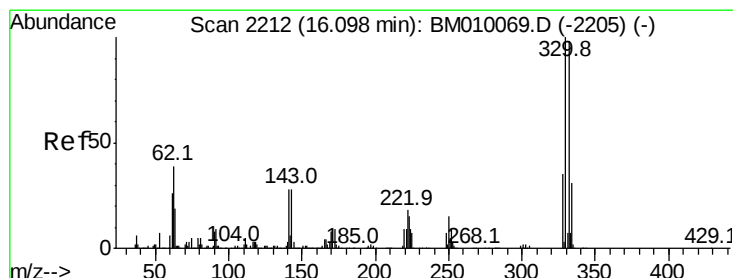
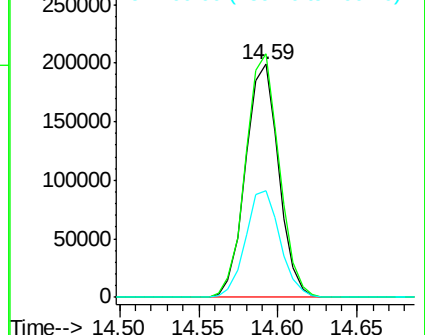
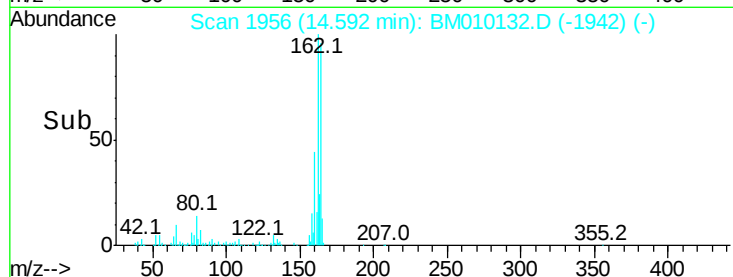
Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.4	123.6
160	45.5	35.8	53.6



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: 108.48 ng

RT: 16.08 min Scan# 2209

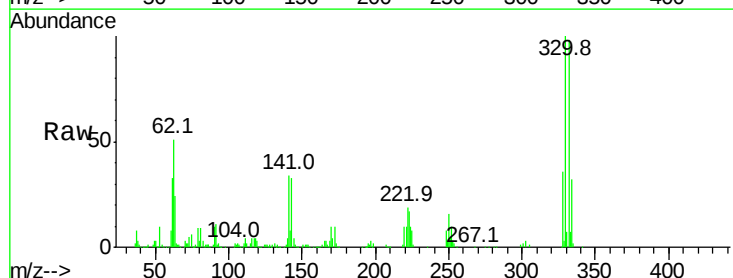
Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

Tgt Ion:330 Resp: 476596

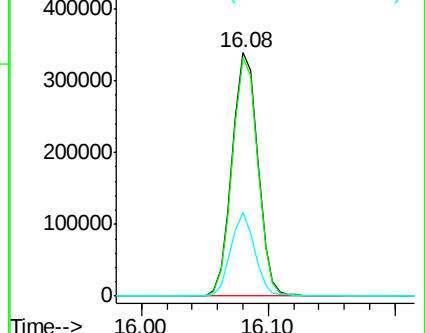
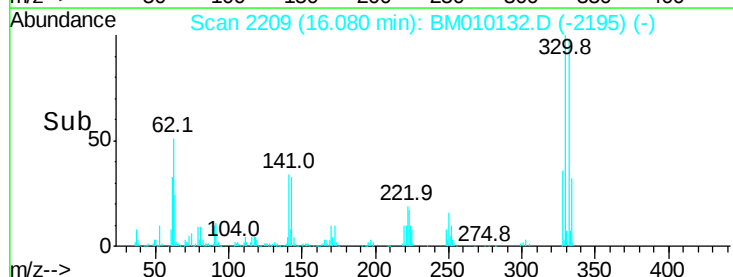
Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	32.1	0.0	0.0#

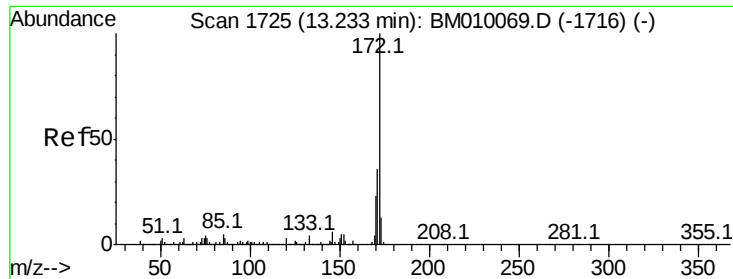


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



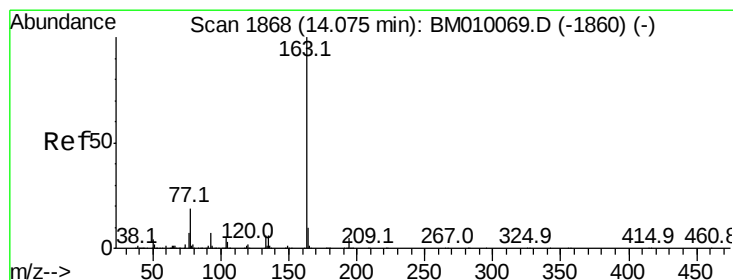
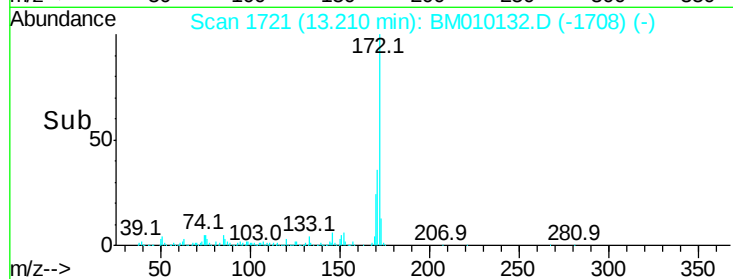
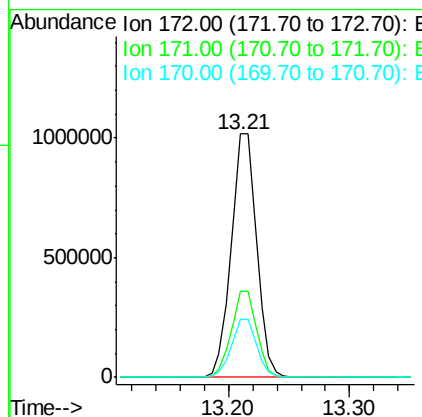
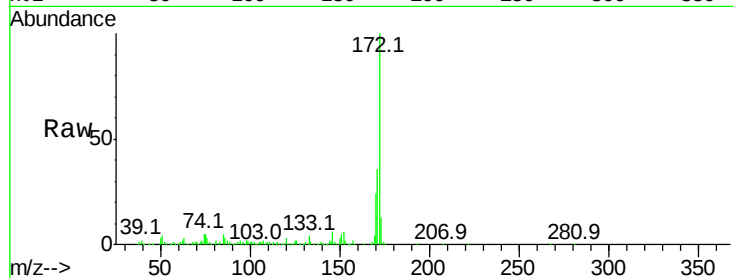


#44
2-Fluorobiphenyl
Concen: 66.63 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

Instrument :
BNA_M
ClientSampleId :
BLIND-DUPE-Y

Tot Ion:172 Resp: 1499142

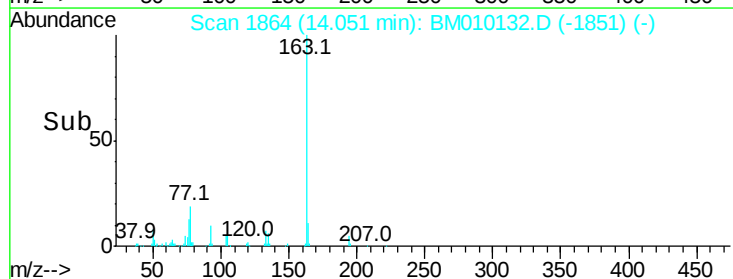
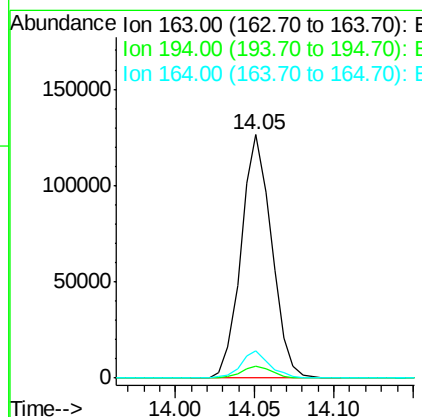
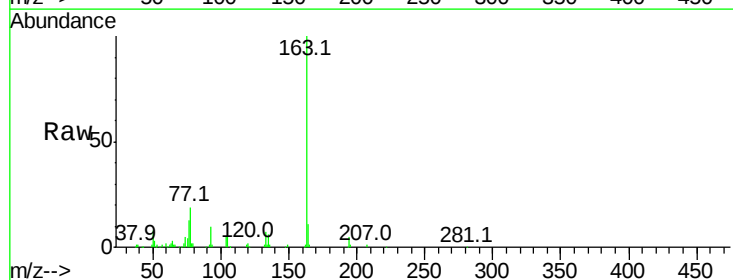
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.8	18.8	28.2



#49
Dimethylphthalate
Concen: 6.55 ng
RT: 14.05 min Scan# 1864
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

Tgt Ion:163 Resp: 169063

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.7	4.1#
164	11.4	8.2	12.2

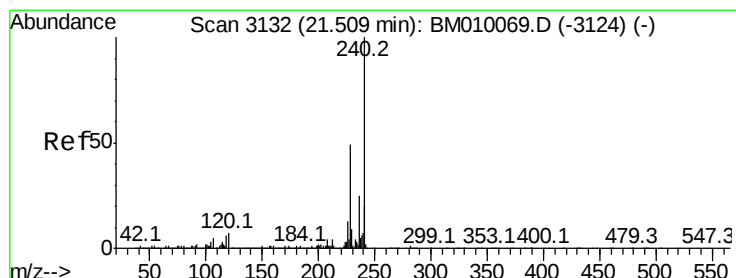
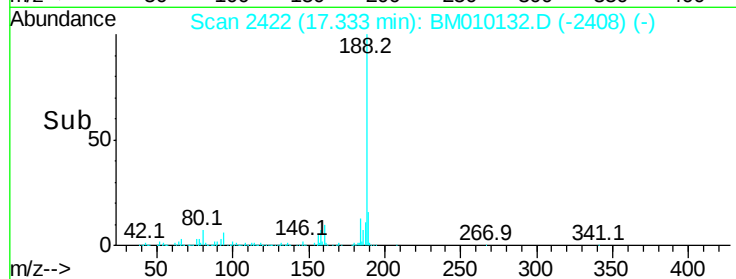
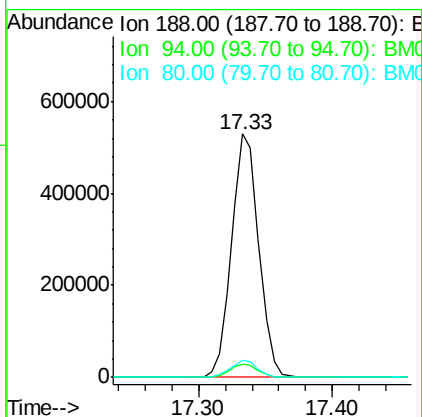
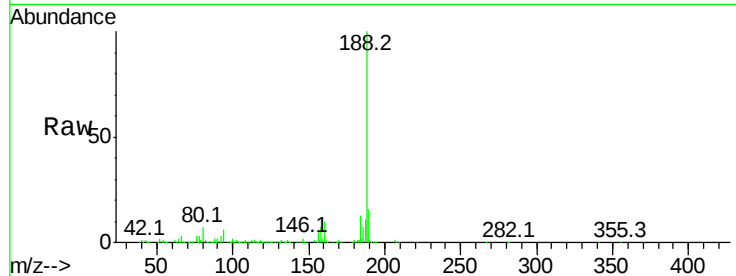




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

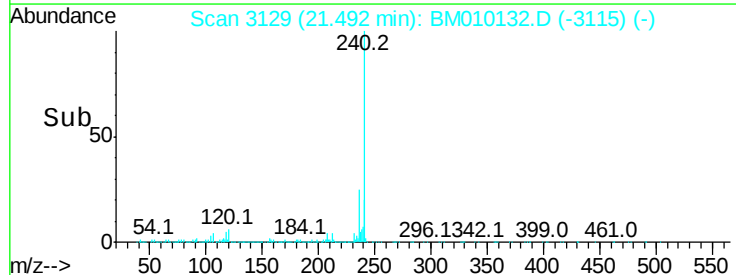
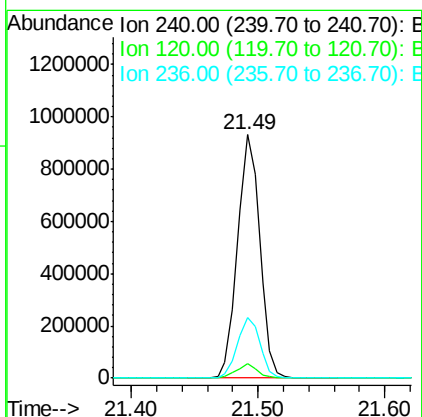
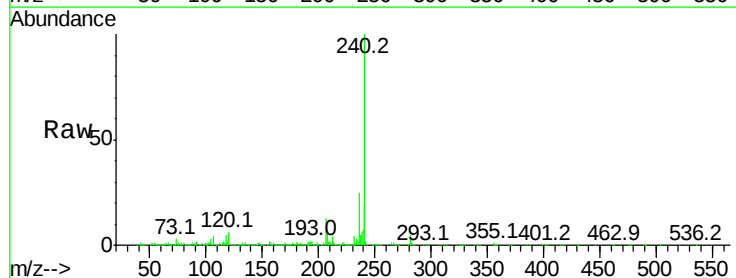
Instrument :
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BLIND-DUPE-Y

Tot Ion:188 Resp: 748609
Ion Ratio Lower Upper
188 100
94 5.6 8.7 13.1#
80 7.1 9.3 13.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.49 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BM010132.D
Acq: 23 May 2017 08:58

Tgt Ion:240 Resp: 1127181
Ion Ratio Lower Upper
240 100
120 5.7 8.2 12.2#
236 25.0 20.0 30.0





#78

Terphenyl-d14

Concen: 55.35 ng

RT: 19.93 min Scan# 2864

Delta R.T. -0.02 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

Instrument :

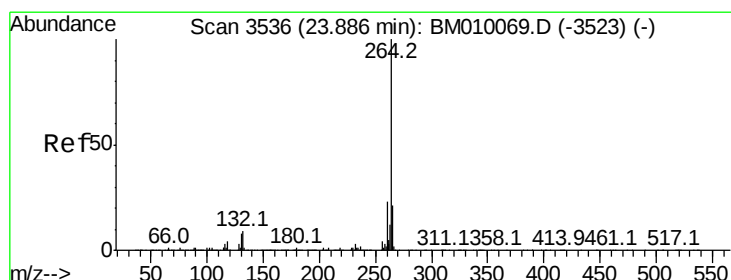
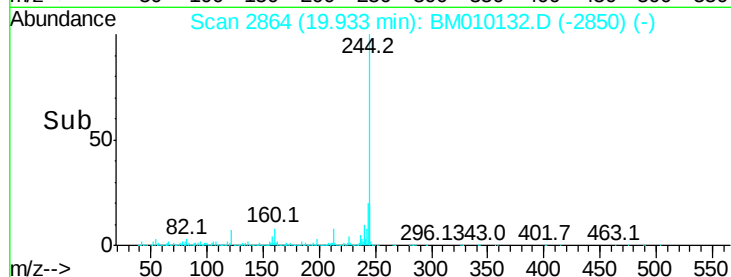
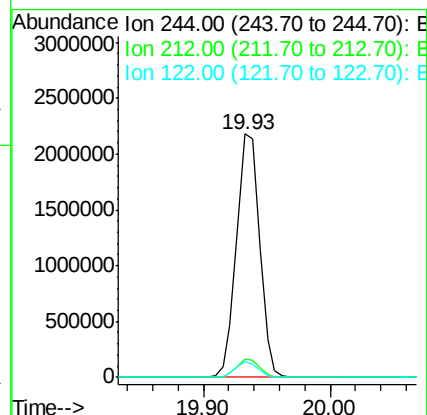
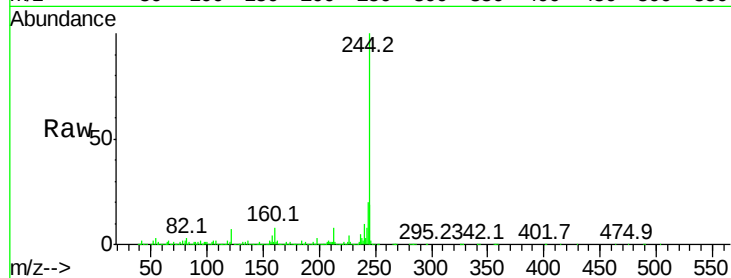
BNA_M

ClientSampleId :

BLIND-DUPE-Y

Tot Ion:244 Resp: 2743978

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	6.6	6.2	9.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.86 min Scan# 3531

Delta R.T. -0.03 min

Lab File: BM010132.D

Acq: 23 May 2017 08:58

Tgt Ion:264 Resp: 1277058

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	22.7	17.3	25.9

