

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011394.D
 Acq On : 01 Sep 2017 04:34
 Operator : SJ/JU
 Sample : I5024-09
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-082917-C

Quant Time: Sep 01 08:26:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

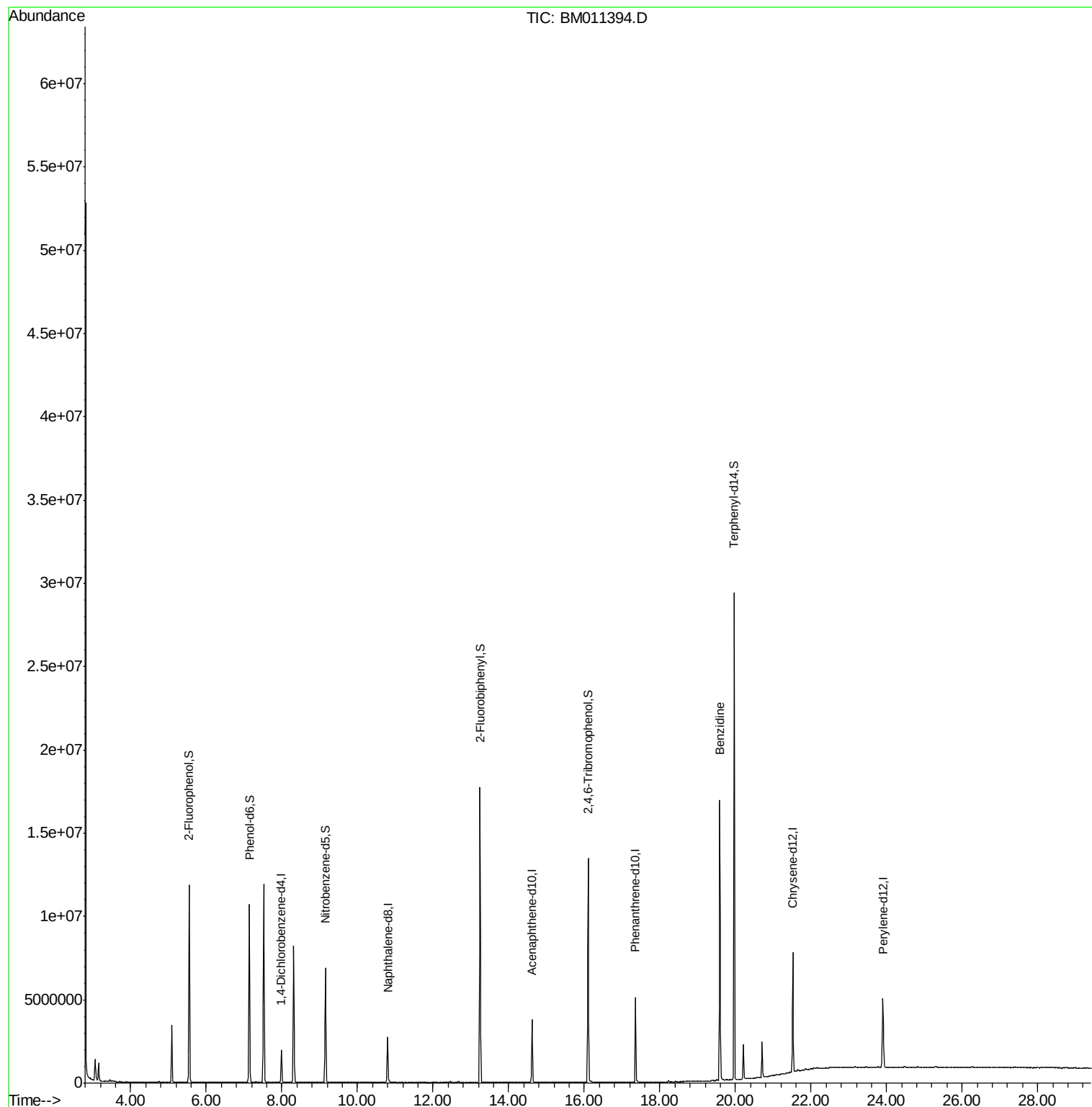
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	530224	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2247136	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1245730	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2758116	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3301588	20.00	ng	-0.01
86) Perylene-d12	23.90	264	3118469	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	4705025	149.37	ng	0.00
7) Phenol-d6	7.14	99	5727391	131.13	ng	0.00
23) Nitrobenzene-d5	9.15	82	3571316	104.73	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2209205	153.28	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	8722997	100.94	ng	0.00
78) Terphenyl-d14	19.97	244	11401783	85.69	ng	0.00
Target Compounds						
76) Benzidine	19.59	184	9162866	140.617	ng	Qvalue 98

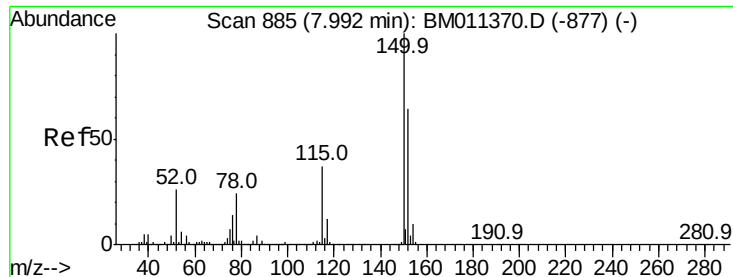
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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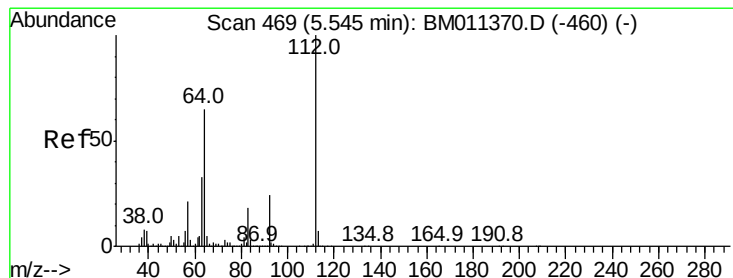
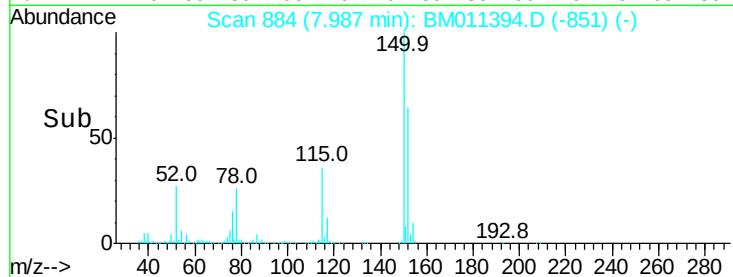
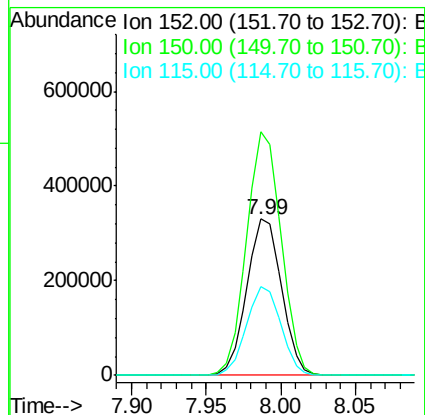
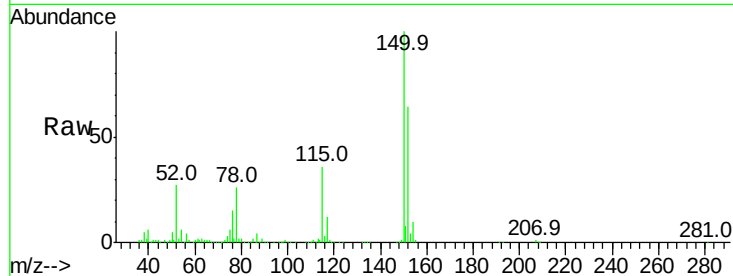


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011394.D
Acq: 01 Sep 2017 04:34

Instrument :
BNA_M
ClientSampleId :
CL-01-082917-C

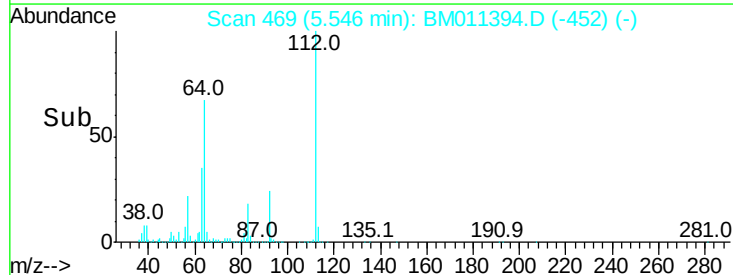
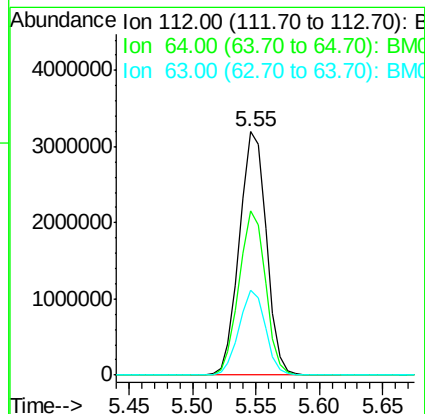
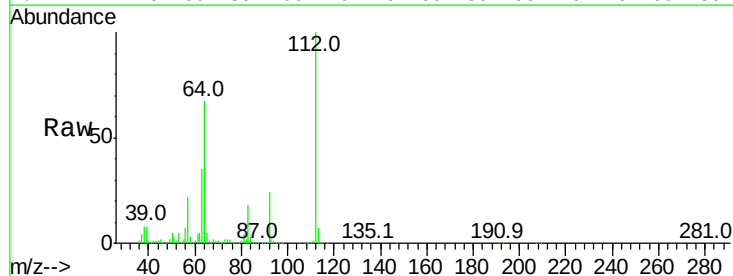
Tot Ion:152 Resp: 530224
Ion Ratio Lower Upper
152 100
150 155.6 119.5 179.3
115 56.5 43.0 64.4

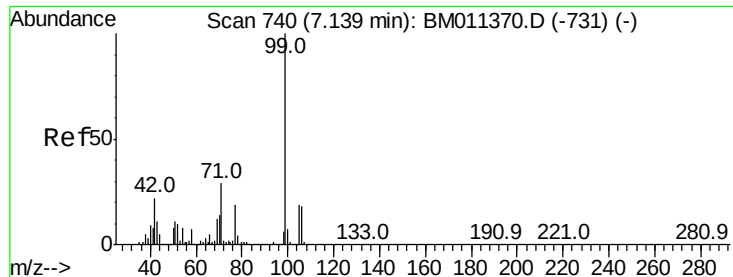


#5

2-Fluorophenol
Concen: 149.368 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011394.D
Acq: 01 Sep 2017 04:34

Tgt Ion:112 Resp: 4705025
Ion Ratio Lower Upper
112 100
64 67.5 38.6 57.8#
63 34.7 19.3 28.9#





#7

Phenol-d6

Concen: 131.128 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011394.D

Acq: 01 Sep 2017 04:34

Instrument :

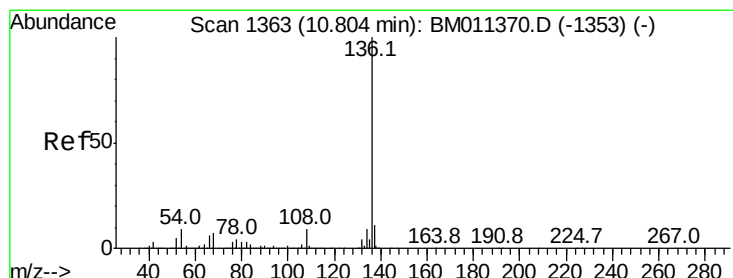
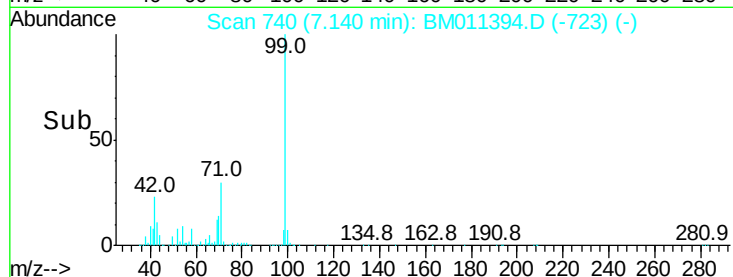
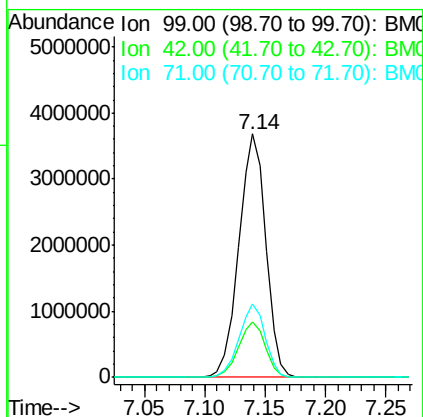
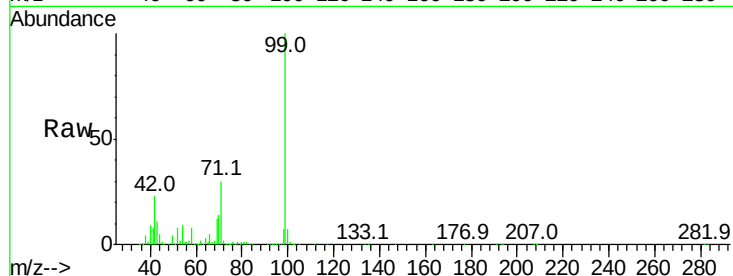
BNA_M

ClientSampleId :

CL-01-082917-C

Tot Ion: 99 Resp: 5727391

Ion	Ratio	Lower	Upper
99	100		
42	23.0	11.0	16.4#
71	29.9	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

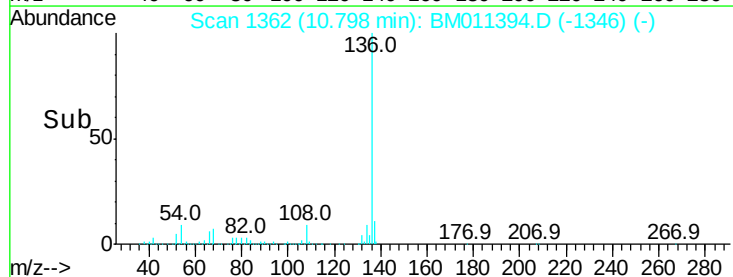
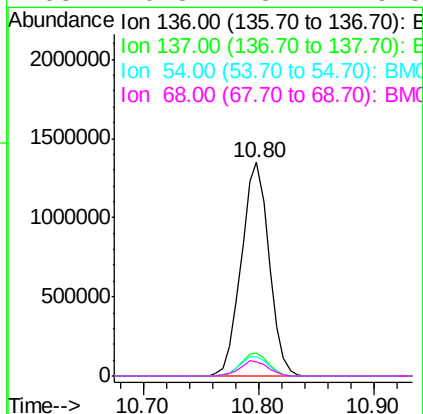
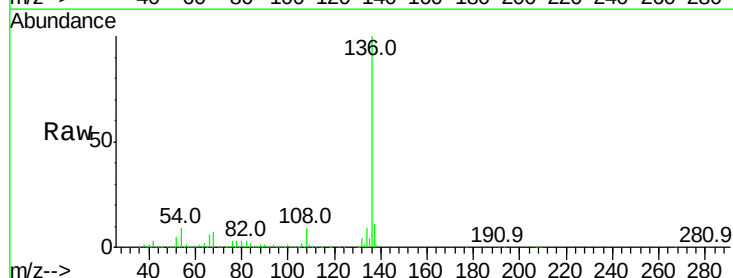
Delta R.T. -0.01 min

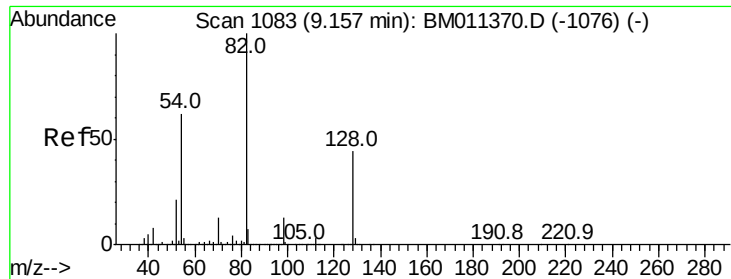
Lab File: BM011394.D

Acq: 01 Sep 2017 04:34

Tgt Ion: 136 Resp: 2247136

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.1	4.6	6.8#
68	6.8	3.7	5.5#

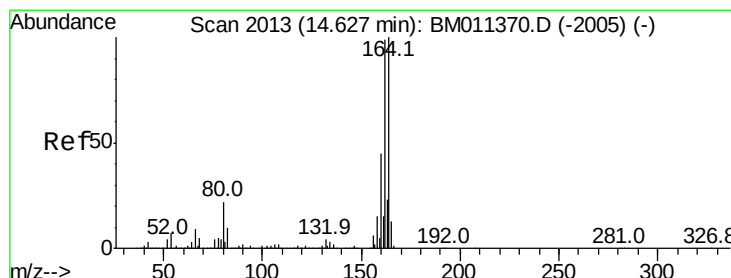
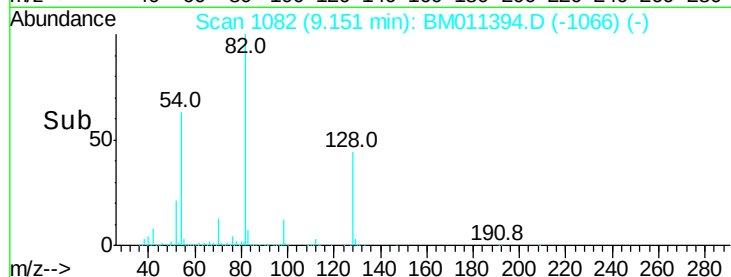
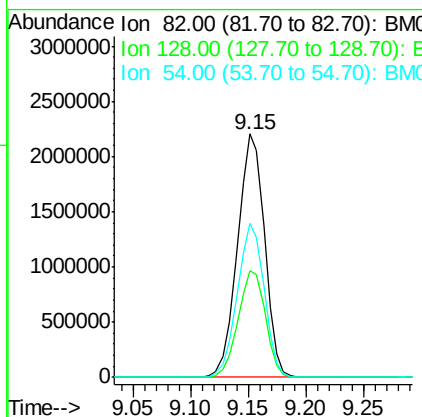
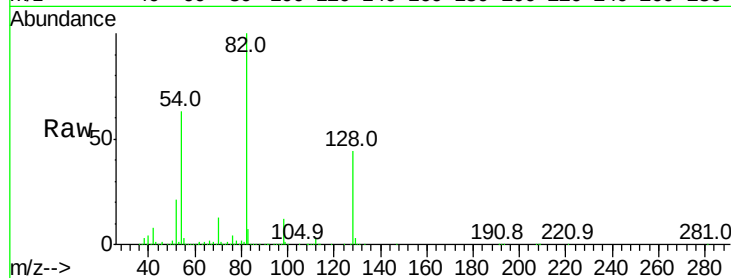




#23
 Nitrobenzene-d5
 Concen: 104.730 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011394.D
 Acq: 01 Sep 2017 04:34

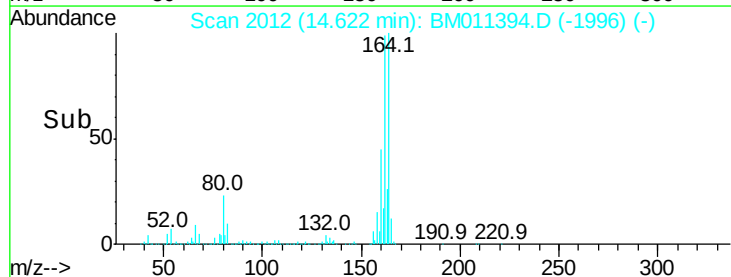
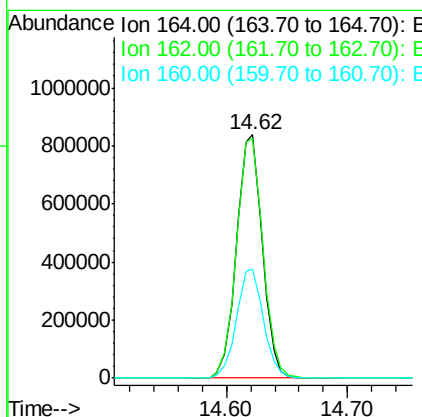
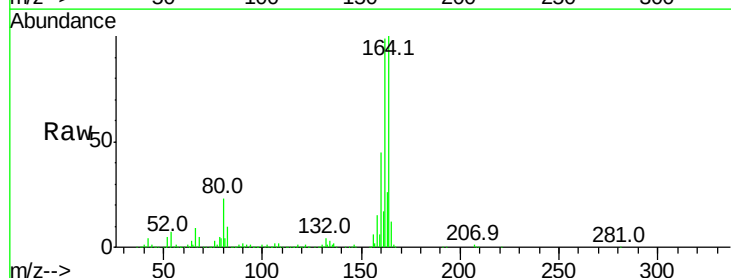
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-082917-C

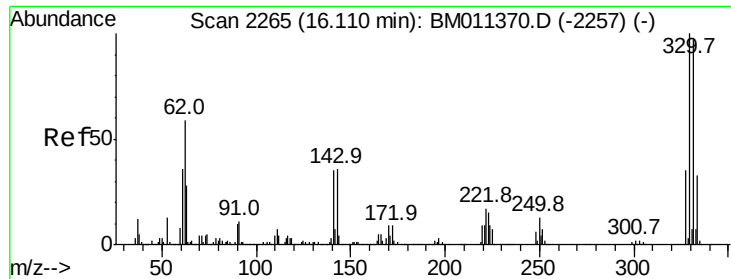
Tot Ion: 82 Resp: 3571316
 Ion Ratio Lower Upper
 82 100
 128 43.8 32.8 49.2
 54 63.0 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM011394.D
 Acq: 01 Sep 2017 04:34

Tgt Ion:164 Resp: 1245730
 Ion Ratio Lower Upper
 164 100
 162 98.7 82.4 123.6
 160 44.8 35.8 53.6

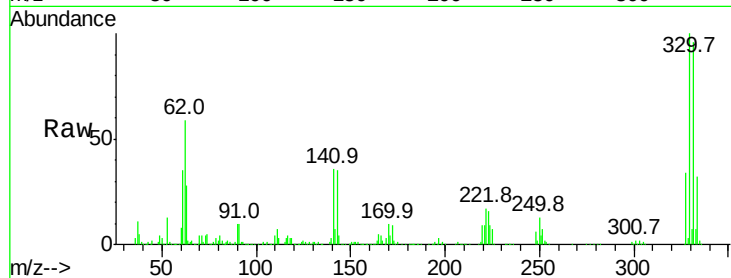




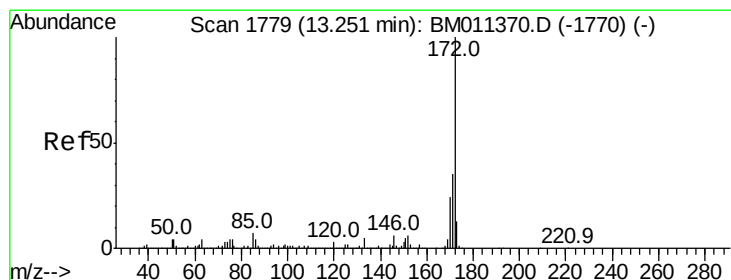
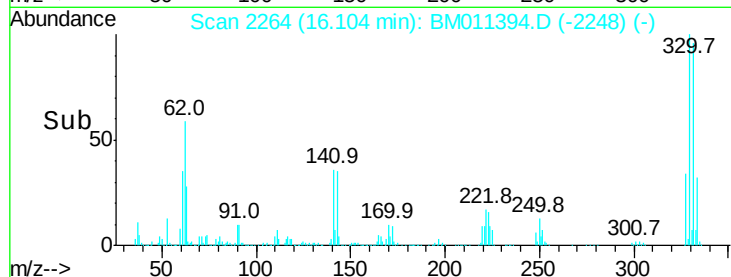
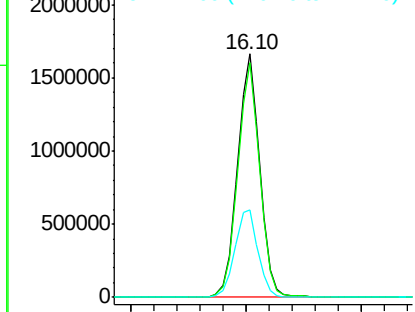
#41
2,4,6-Tribromophenol
Concen: 153.283 ng
RT: 16.10 min Scan# 2264
Delta R.T. -0.01 min
Lab File: BM011394.D
Acq: 01 Sep 2017 04:34

Instrument :
BNA_M
ClientSampleId :
CL-01-082917-C

Tot Ion:330 Resp: 2209205
Ion Ratio Lower Upper
330 100
332 95.7 0.0 0.0#
141 37.7 0.0 0.0#

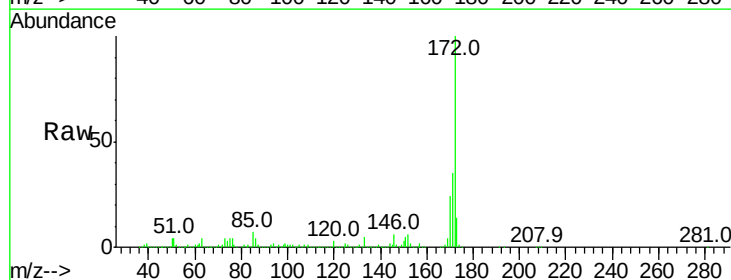


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

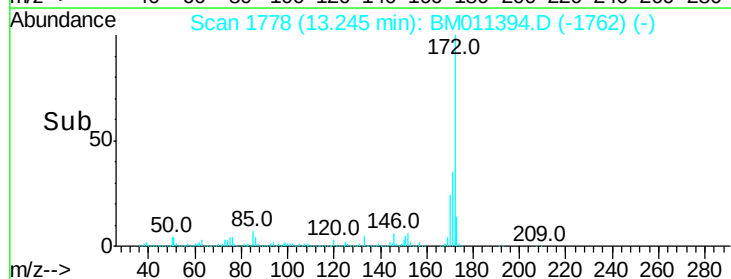
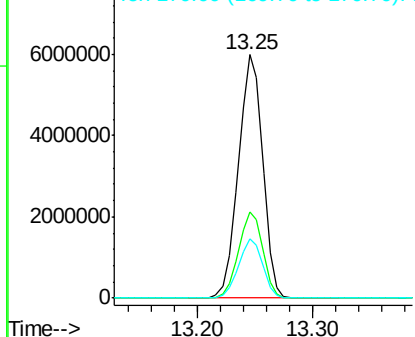


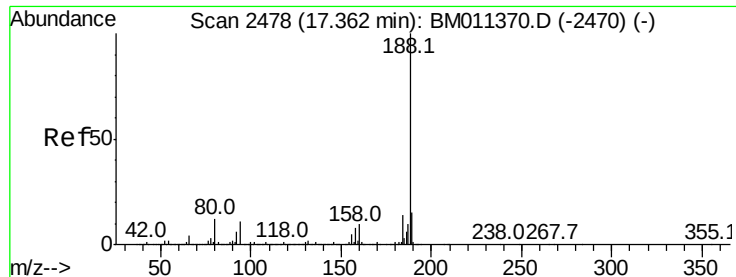
#44
2-Fluorobiphenyl
Concen: 100.937 ng
RT: 13.25 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BM011394.D
Acq: 01 Sep 2017 04:34

Tgt Ion:172 Resp: 8722997
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.4 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

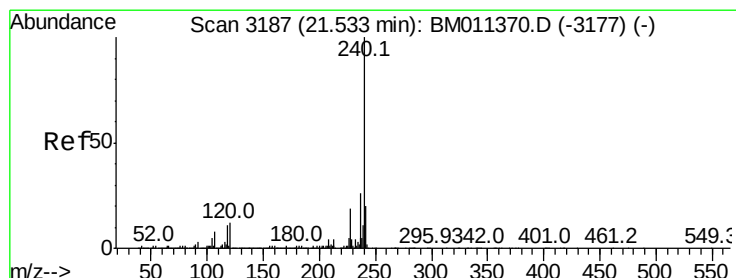
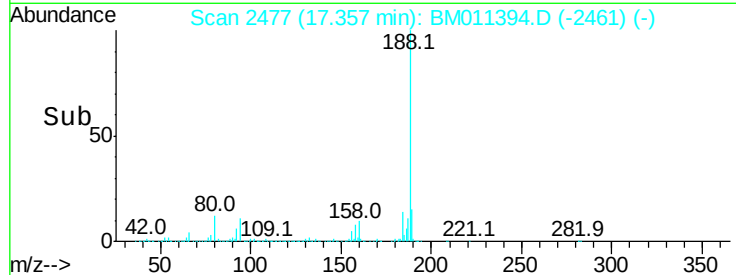
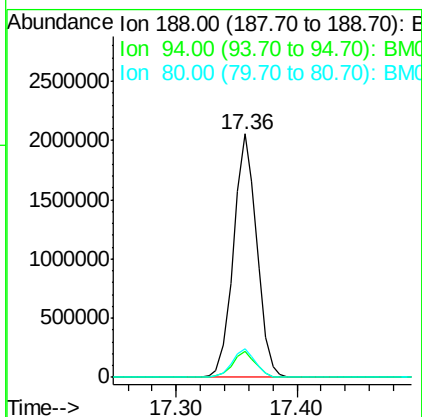
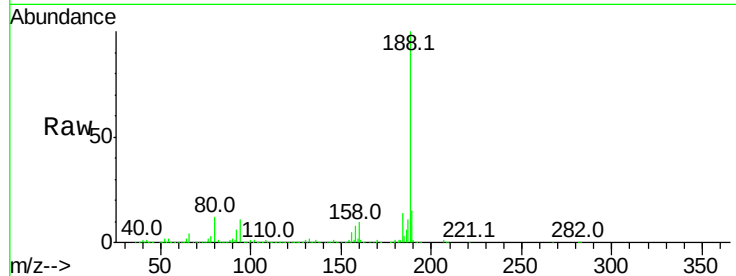




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011394.D
Acq: 01 Sep 2017 04:34

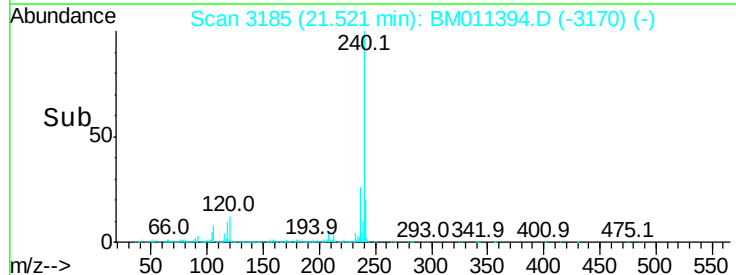
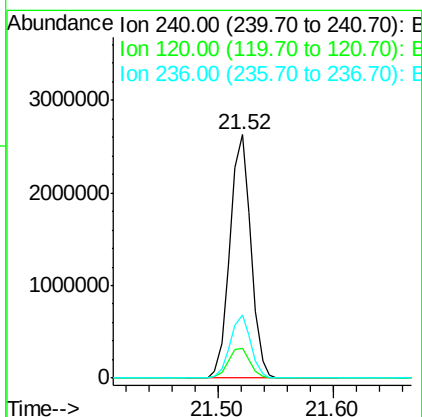
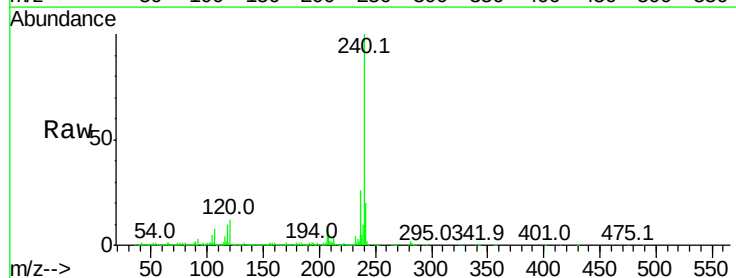
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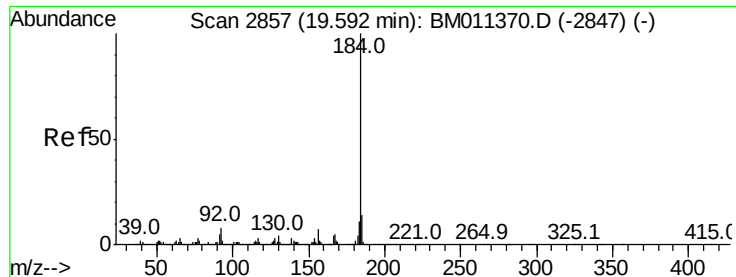
Tot Ion:188 Resp: 2758116
Ion Ratio Lower Upper
188 100
94 10.6 8.7 13.1
80 11.9 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3185
Delta R.T. -0.01 min
Lab File: BM011394.D
Acq: 01 Sep 2017 04:34

Tgt Ion:240 Resp: 3301588
Ion Ratio Lower Upper
240 100
120 12.3 8.2 12.2#
236 25.8 20.0 30.0





#76

Benzidine

Concen: 140.617 ng

RT: 19.59 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM011394.D

Acq: 01 Sep 2017 04:34

Instrument :

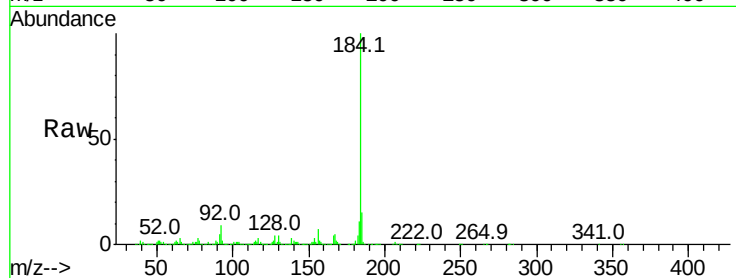
BNA_M

ClientSampleId :

CL-01-082917-C

Tot Ion:184 Resp: 9162866

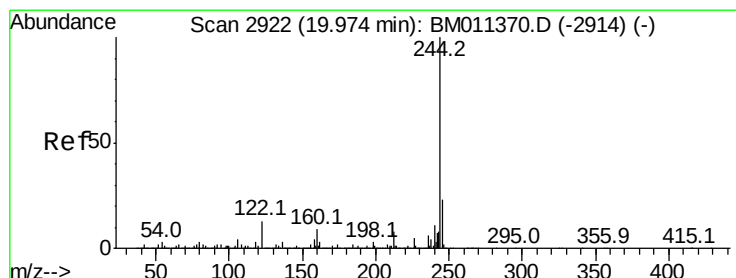
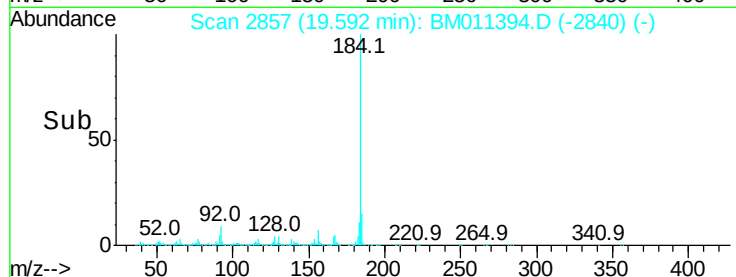
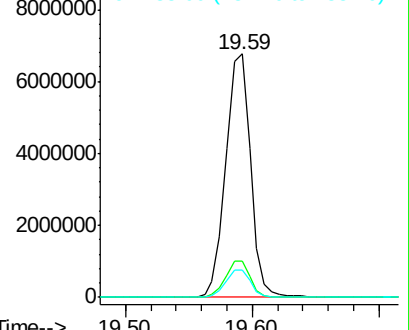
Ion	Ratio	Lower	Upper
184	100		
185	15.1	11.3	16.9
183	11.4	8.9	13.3



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: 85.687 ng

RT: 19.97 min Scan# 2921

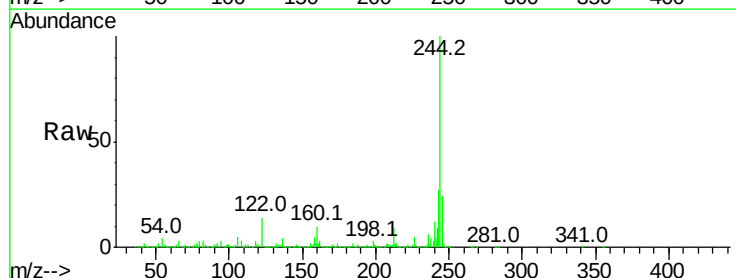
Delta R.T. -0.01 min

Lab File: BM011394.D

Acq: 01 Sep 2017 04:34

Tgt Ion:244 Resp:11401783

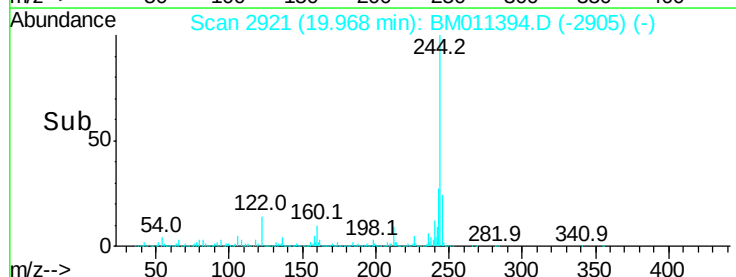
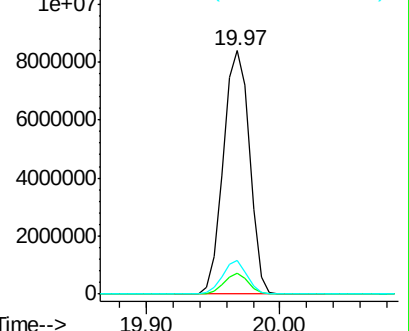
Ion	Ratio	Lower	Upper
244	100		
212	8.8	4.9	7.3#
122	13.8	6.2	9.4#

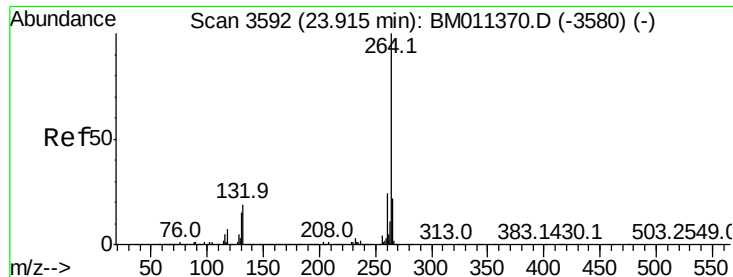


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.90 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM011394.D
Acq: 01 Sep 2017 04:34

Instrument :
BNA_M
ClientSampleId :
CL-01-082917-C

Tot Ion: 264 Resp: 3118469

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	21.9	17.3	25.9

