

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011391.D
 Acq On : 01 Sep 2017 02:46
 Operator : SJ/JU
 Sample : I5024-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 01 08:04:32 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

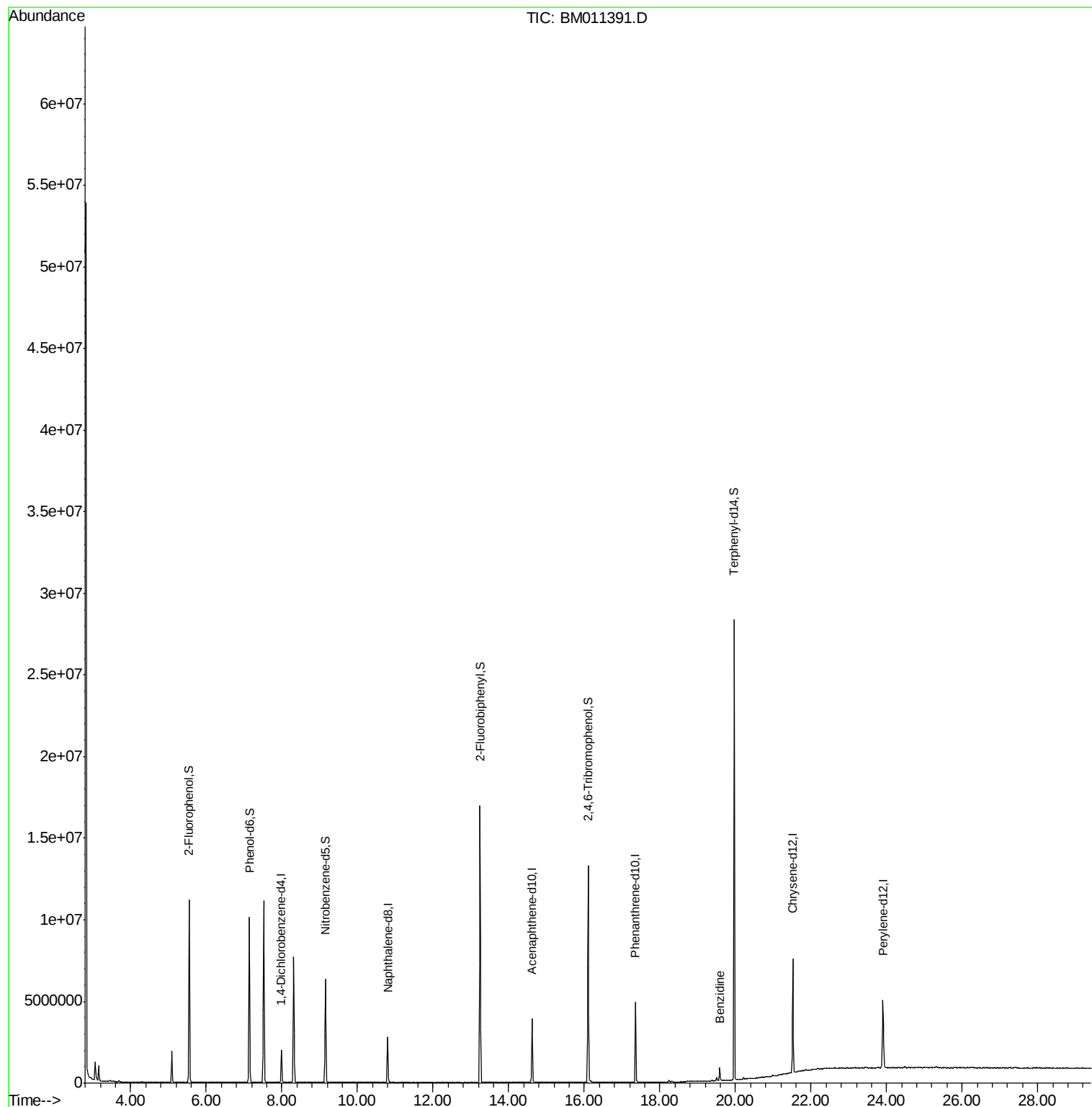
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	544295	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2302910	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1271625	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2866688	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3230557	20.00	ng	-0.01
86) Perylene-d12	23.90	264	2975360	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	4485186	138.71	ng	0.00
7) Phenol-d6	7.14	99	5469857	121.99	ng	0.00
23) Nitrobenzene-d5	9.15	82	3387925	96.95	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2201003	149.60	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	8420983	95.46	ng	0.00
78) Terphenyl-d14	19.97	244	11283969	86.67	ng	0.00
Target Compounds						
76) Benzidine	19.59	184	454692	7.131	ng	Qvalue 99

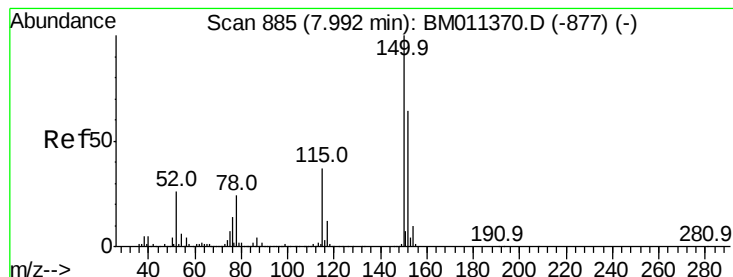
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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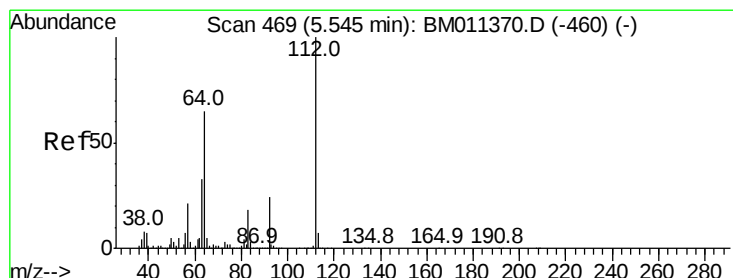
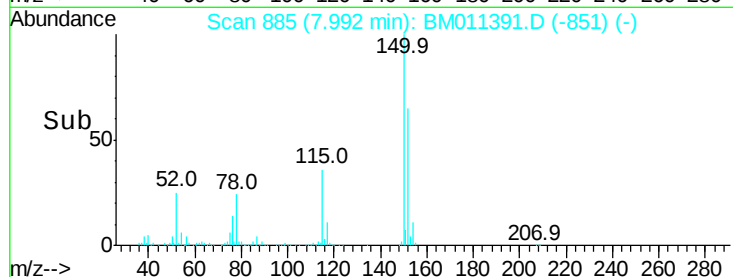
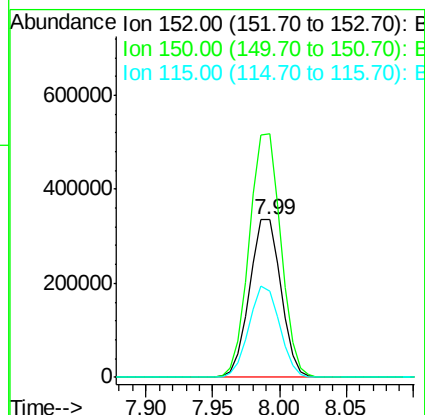
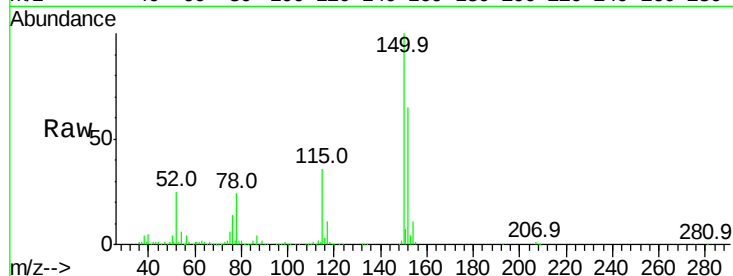


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 885
Delta R.T. -0.00 min
Lab File: BM011391.D
Acq: 01 Sep 2017 02:46

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

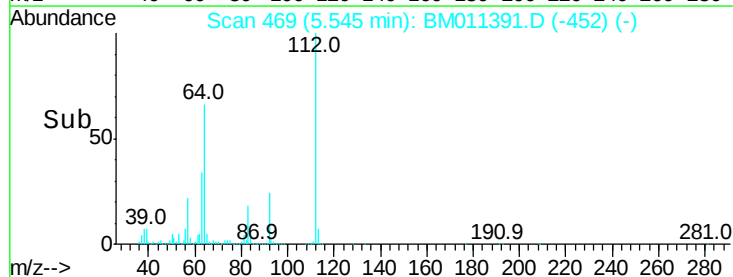
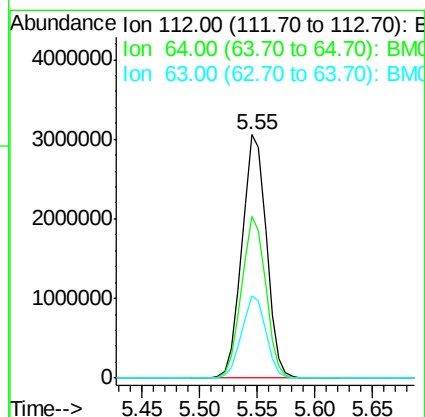
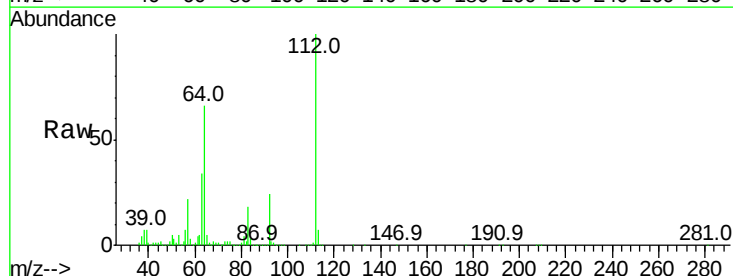
Tot Ion:152 Resp: 544295
Ion Ratio Lower Upper
152 100
150 154.4 119.5 179.3
115 55.0 43.0 64.4

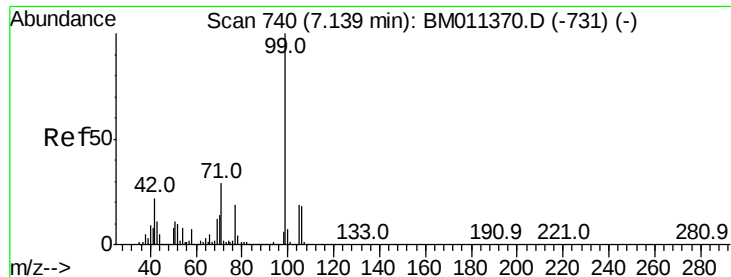


#5

2-Fluorophenol
Concen: 138.708 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011391.D
Acq: 01 Sep 2017 02:46

Tgt Ion:112 Resp: 4485186
Ion Ratio Lower Upper
112 100
64 66.3 38.6 57.8#
63 33.8 19.3 28.9#





#7

Phenol-d6

Concen: 121.994 ng

RT: 7.14 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM011391.D

Acq: 01 Sep 2017 02:46

Instrument :

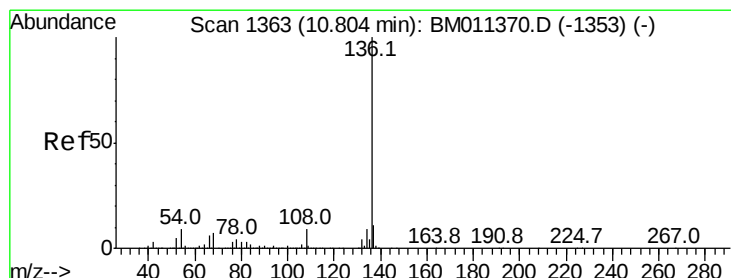
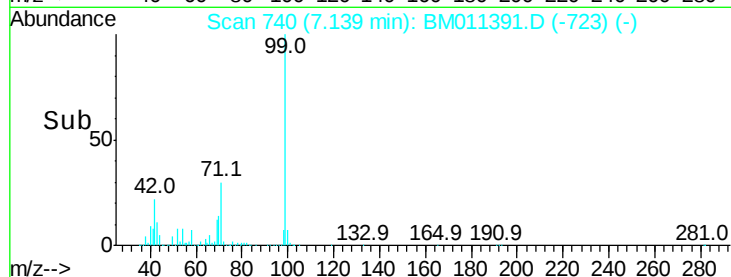
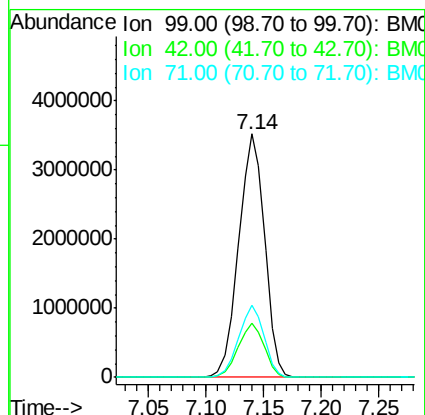
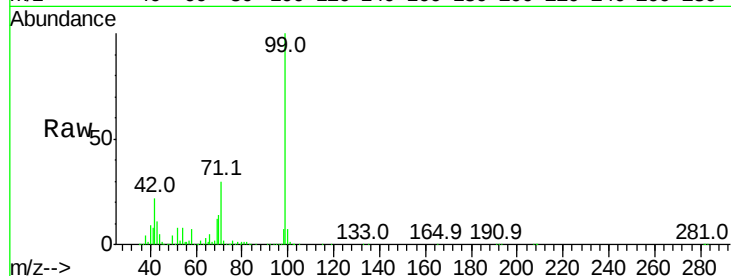
BNA_M

ClientSampleId :

CL-01-082917-A

Tot Ion: 99 Resp: 5469857

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.0	16.4#
71	29.7	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

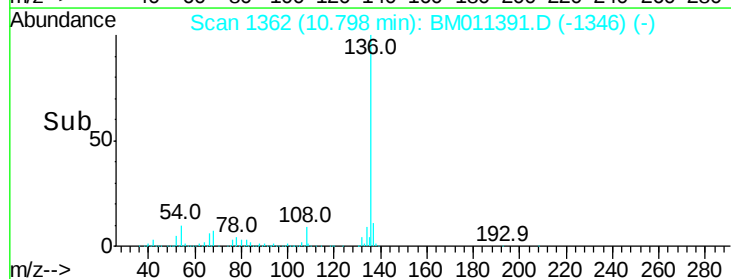
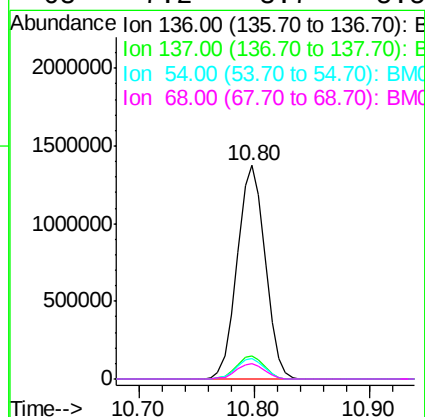
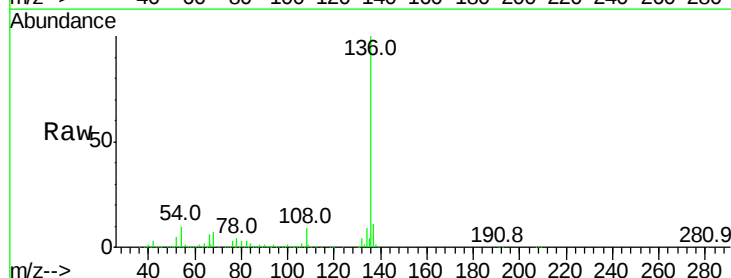
Delta R.T. -0.01 min

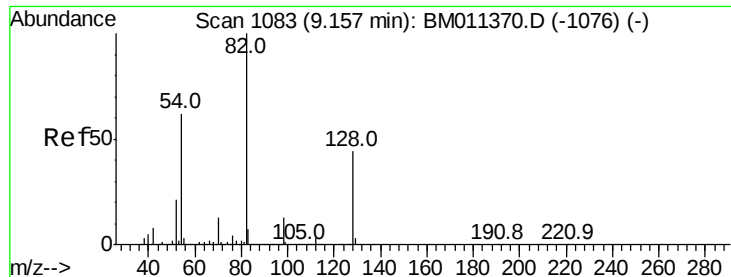
Lab File: BM011391.D

Acq: 01 Sep 2017 02:46

Tgt Ion: 136 Resp: 2302910

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.6	4.6	6.8#
68	7.2	3.7	5.5#

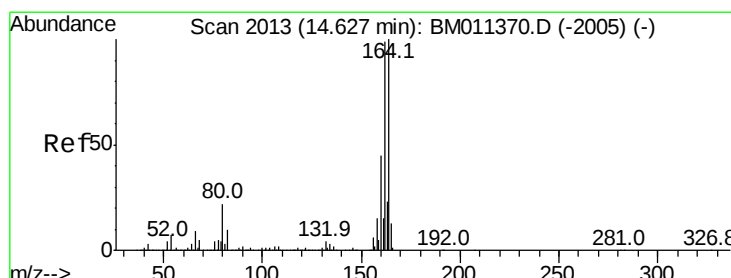
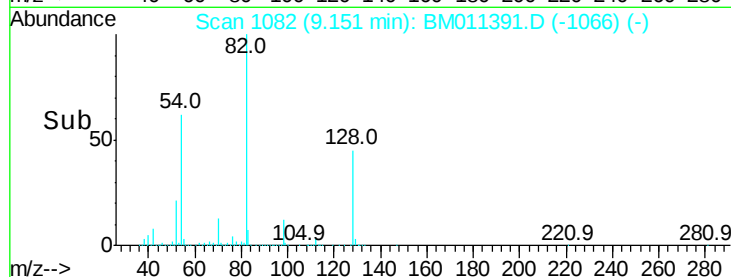
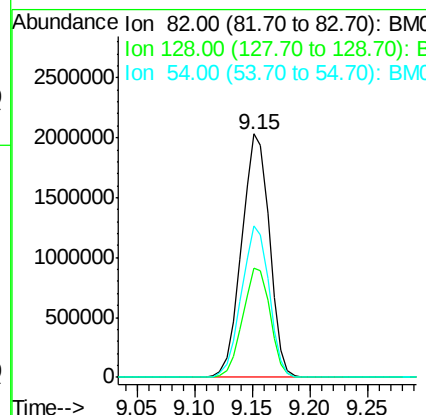
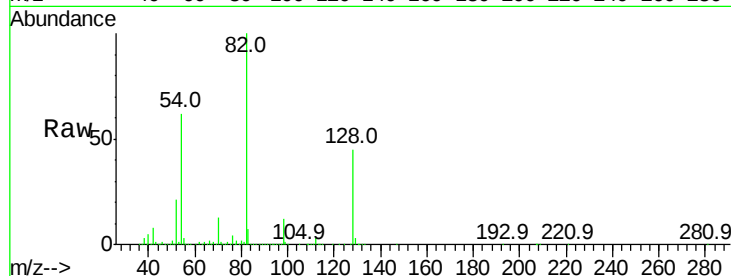




#23
Nitrobenzene-d5
Concen: 96.946 ng
RT: 9.15 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BM011391.D
Acq: 01 Sep 2017 02:46

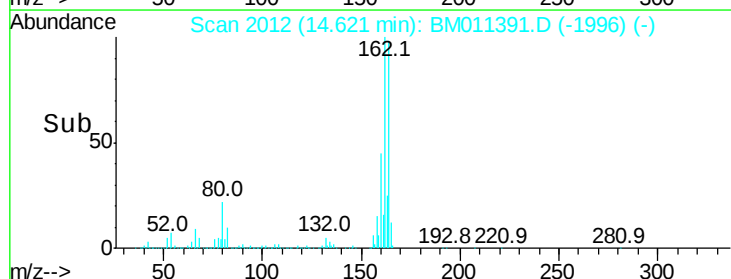
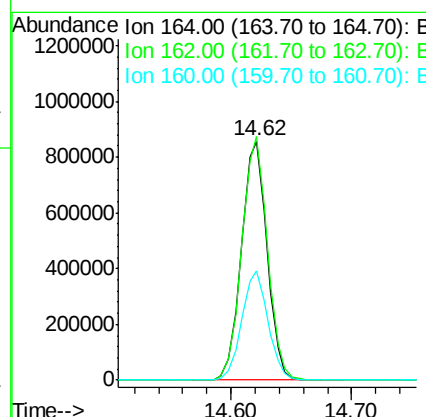
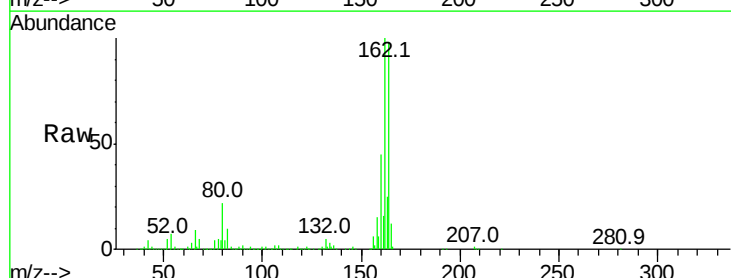
Instrument :
BNA_M
ClientSampleId :
CL-01-082917-A

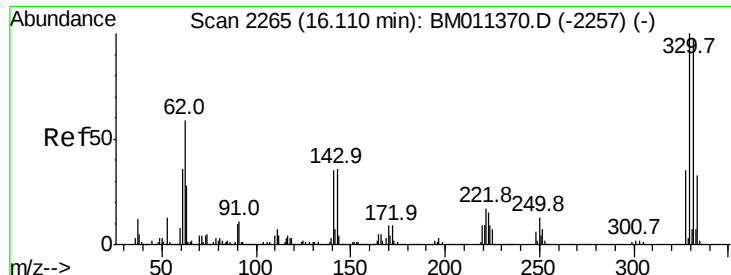
Tot Ion: 82 Resp: 3387925
Ion Ratio Lower Upper
82 100
128 44.9 32.8 49.2
54 62.0 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BM011391.D
Acq: 01 Sep 2017 02:46

Tgt Ion:164 Resp: 1271625
Ion Ratio Lower Upper
164 100
162 101.9 82.4 123.6
160 45.9 35.8 53.6

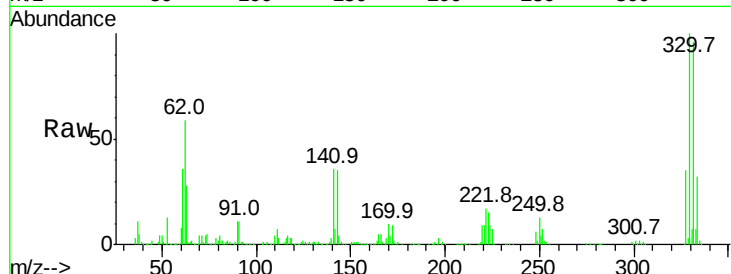




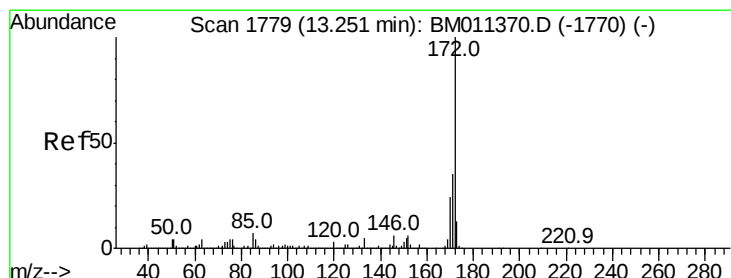
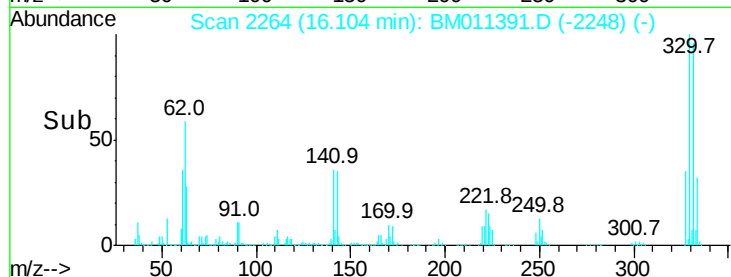
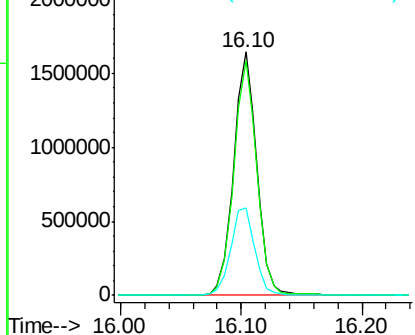
#41
 2,4,6-Tribromophenol
 Concen: 149.604 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011391.D
 Acq: 01 Sep 2017 02:46

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

Tot Ion:330 Resp: 2201003
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 37.6 0.0 0.0#

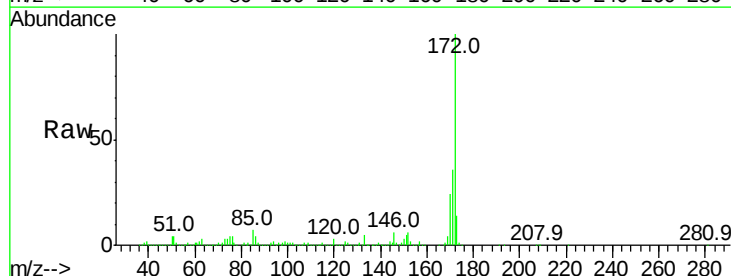


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

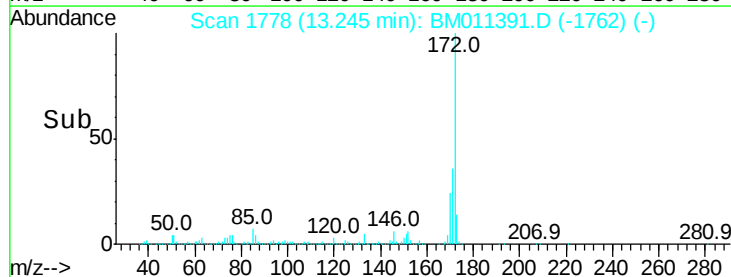
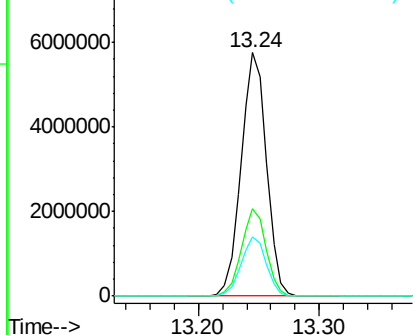


#44
 2-Fluorobiphenyl
 Concen: 95.458 ng
 RT: 13.24 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011391.D
 Acq: 01 Sep 2017 02:46

Tgt Ion:172 Resp: 8420983
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.3 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: BM011391.D

Acq: 01 Sep 2017 02:46

Instrument :

BNA_M

ClientSampleId :

CL-01-082917-A

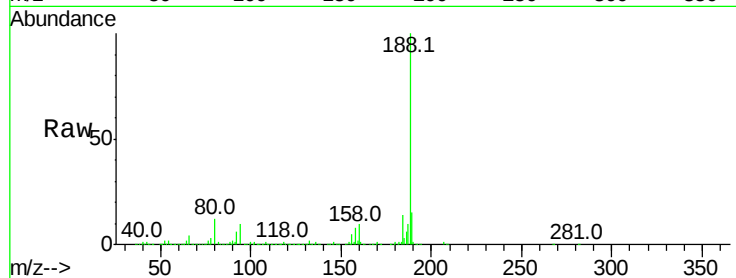
Tot Ion:188 Resp: 2866688

Ion Ratio Lower Upper

188 100

94 10.5 8.7 13.1

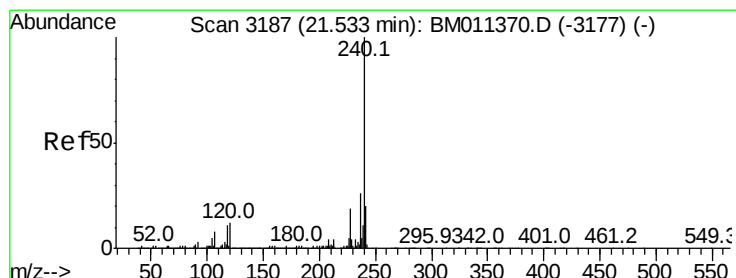
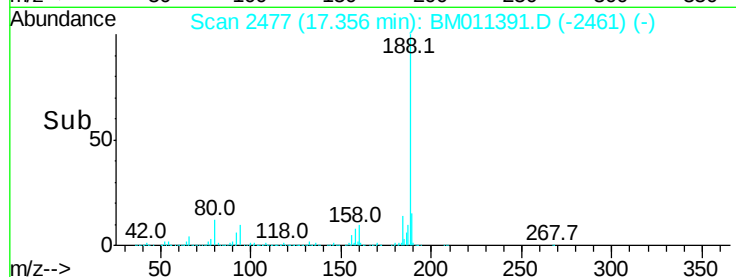
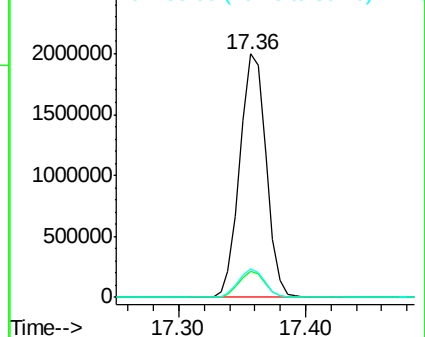
80 12.0 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BM011391.D

Acq: 01 Sep 2017 02:46

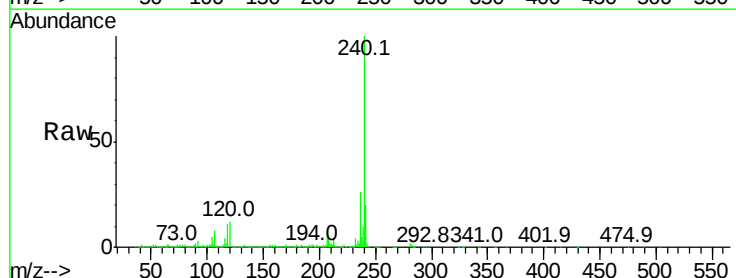
Tgt Ion:240 Resp: 3230557

Ion Ratio Lower Upper

240 100

120 11.7 8.2 12.2

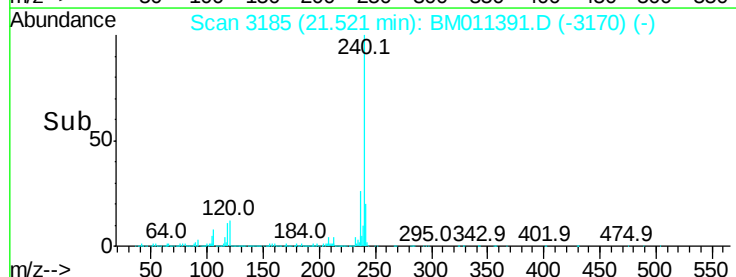
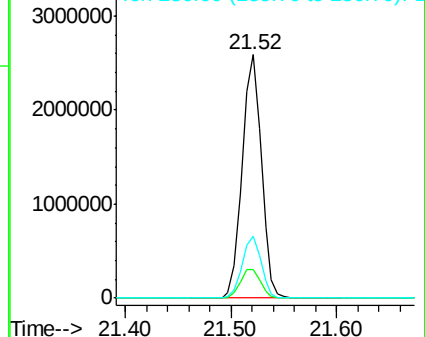
236 25.5 20.0 30.0

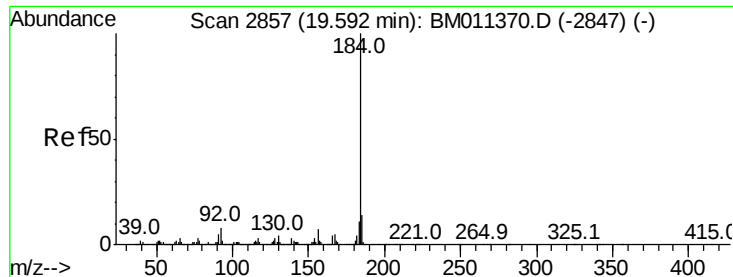


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.131 ng

RT: 19.59 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM011391.D

Acq: 01 Sep 2017 02:46

Instrument :

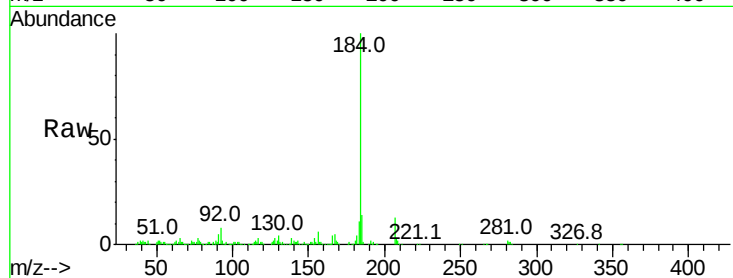
BNA_M

ClientSampleId :

CL-01-082917-A

Tot Ion:184 Resp: 454692

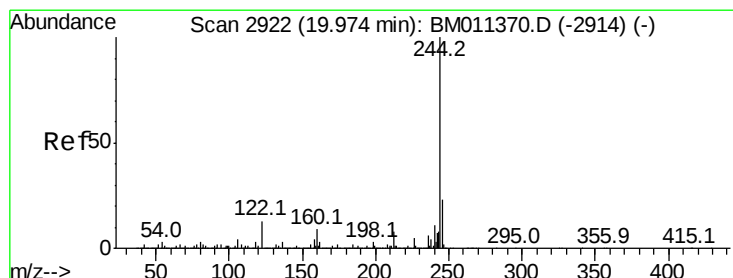
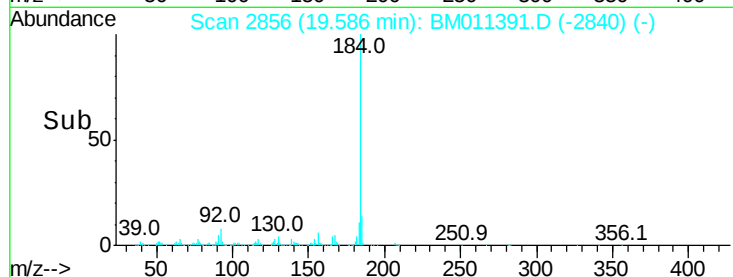
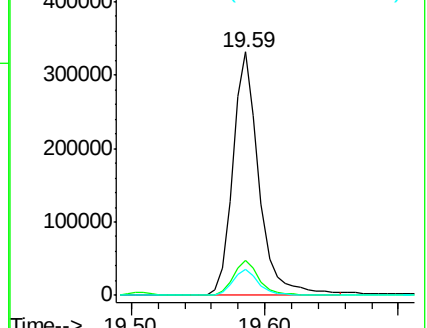
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	10.7	8.9	13.3



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: 86.666 ng

RT: 19.97 min Scan# 2921

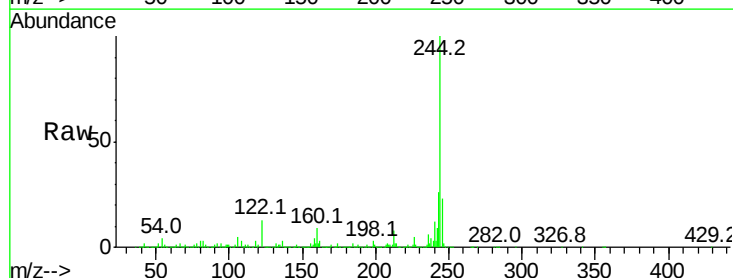
Delta R.T. -0.01 min

Lab File: BM011391.D

Acq: 01 Sep 2017 02:46

Tgt Ion:244 Resp:11283969

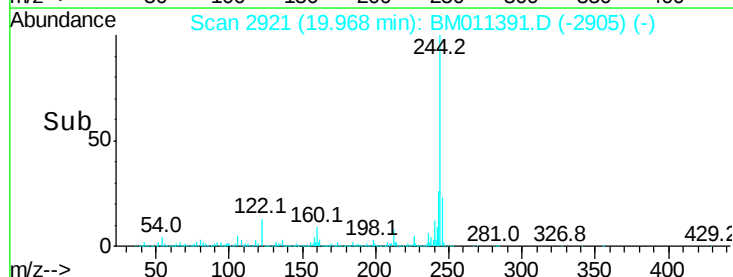
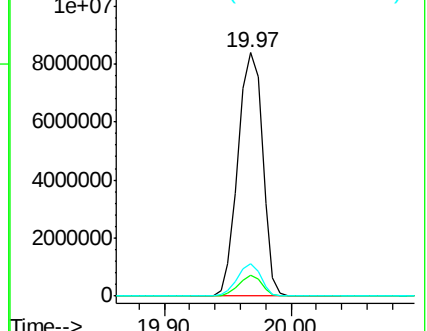
Ion	Ratio	Lower	Upper
244	100		
212	8.4	4.9	7.3#
122	13.3	6.2	9.4#

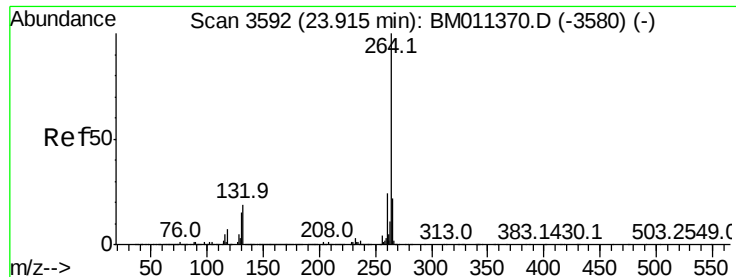


Abundance Ion 244.00 (243.70 to 244.70): E

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: BM011391.D
 Acq: 01 Sep 2017 02:46

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

Tot Ion: 264 Resp: 2975360

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.2	17.3	25.9

