

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011392.D
 Acq On : 01 Sep 2017 03:22
 Operator : SJ/JU
 Sample : I5024-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Sep 01 08:06:40 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

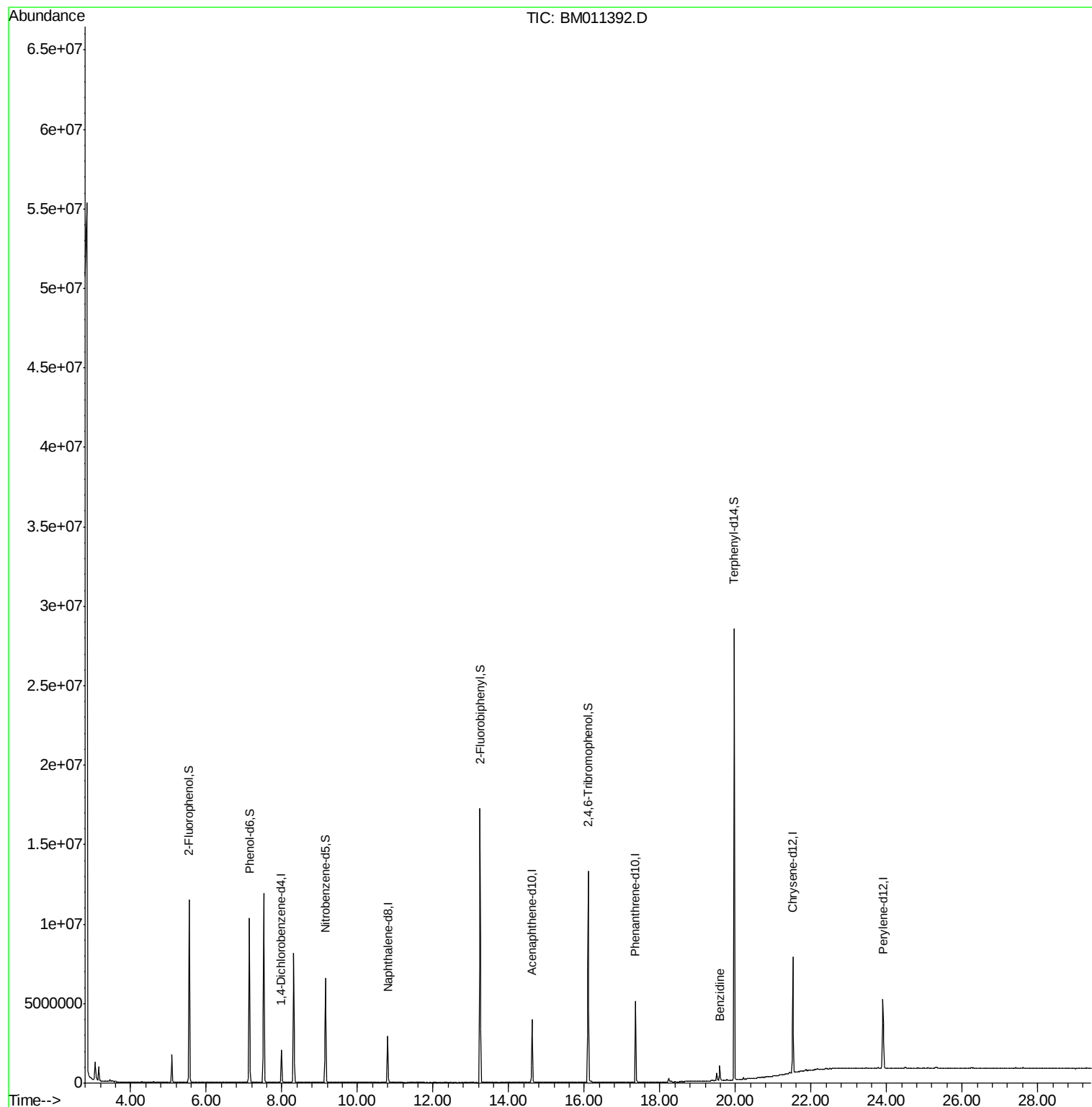
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	551383	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	2321453	20.00	ng	0.00
38) Acenaphthene-d10	14.62	164	1291175	20.00	ng	0.00
63) Phenanthrene-d10	17.36	188	2898974	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3326829	20.00	ng	-0.01
86) Perylene-d12	23.90	264	3104859	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	4603427	140.53	ng	0.00
7) Phenol-d6	7.14	99	5580263	122.86	ng	0.00
23) Nitrobenzene-d5	9.15	82	3510782	99.66	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	2212914	148.14	ng	0.00
44) 2-Fluorobiphenyl	13.24	172	8521632	95.14	ng	0.00
78) Terphenyl-d14	19.97	244	11502871	85.79	ng	0.00
Target Compounds						
76) Benzidine	19.59	184	507224	7.725	ng	Qvalue 99

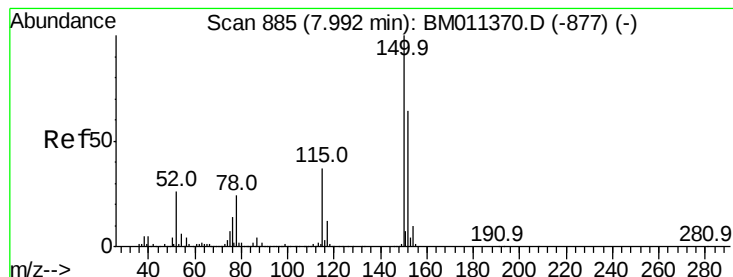
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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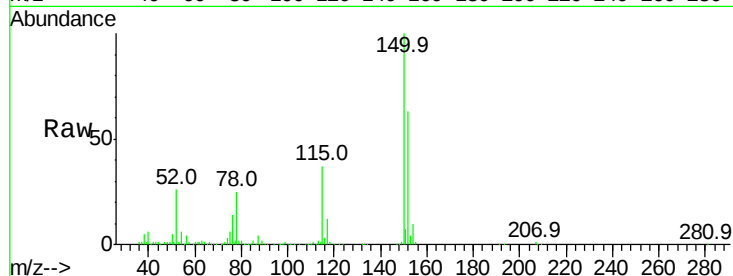


#1

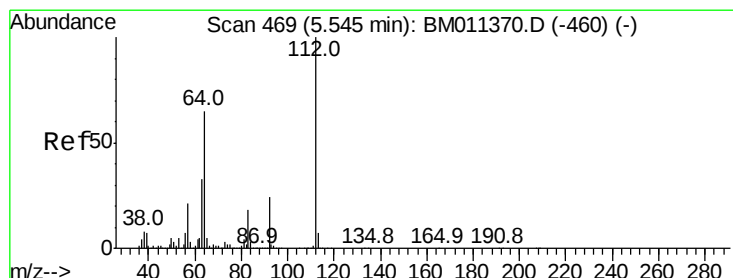
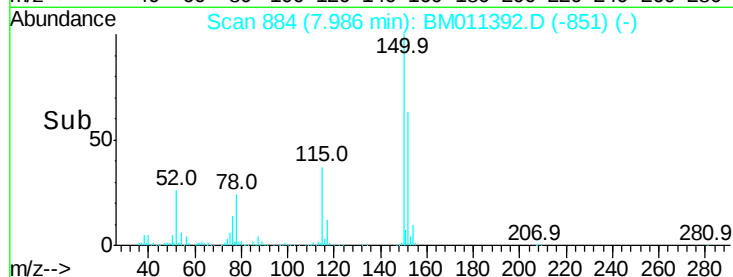
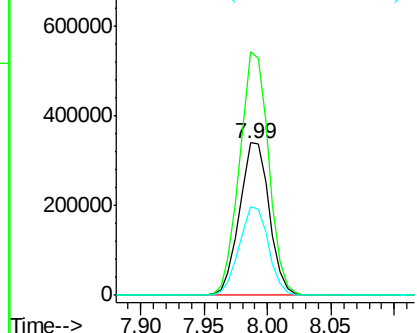
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	119.5	179.3
115	58.5	43.0	64.4



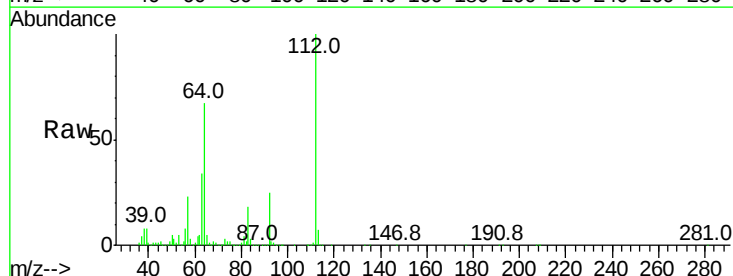
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



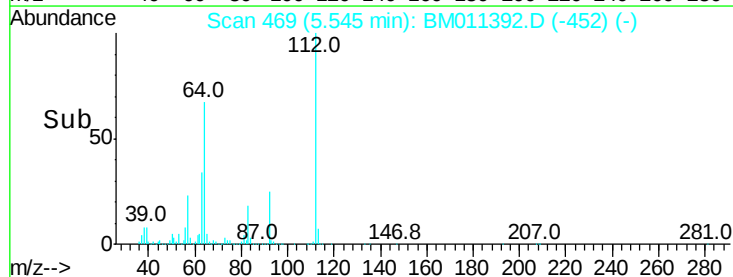
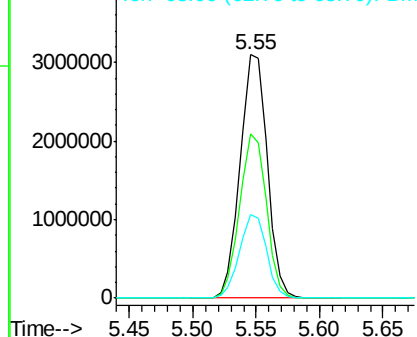
#5

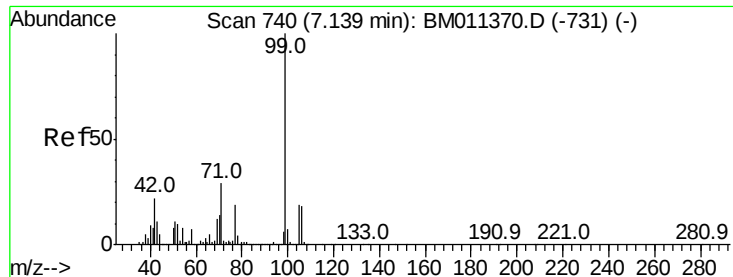
2-Fluorophenol
Concen: 140.534 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	38.6	57.8#
63	34.4	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: 122.857 ng

RT: 7.14 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

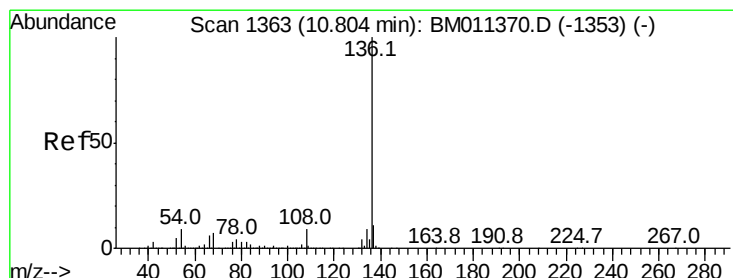
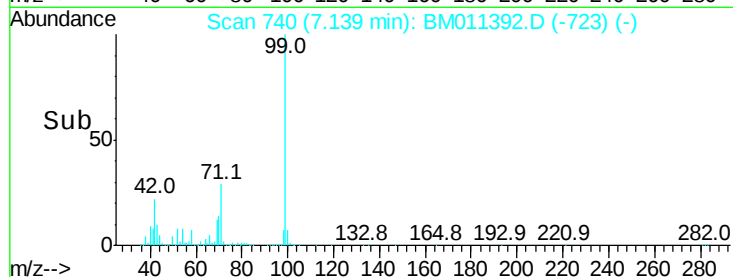
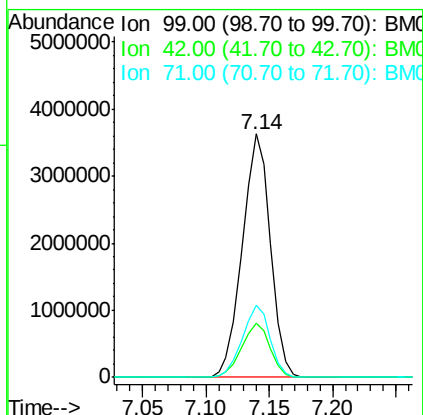
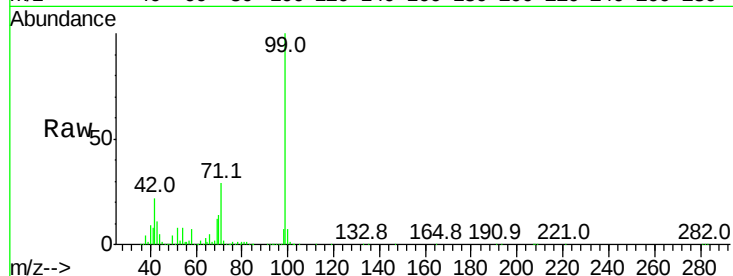
BNA_M

ClientSampleId :

CL-01-082917-E

Tot Ion: 99 Resp: 5580263

Ion	Ratio	Lower	Upper
99	100		
42	22.3	11.0	16.4#
71	29.5	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

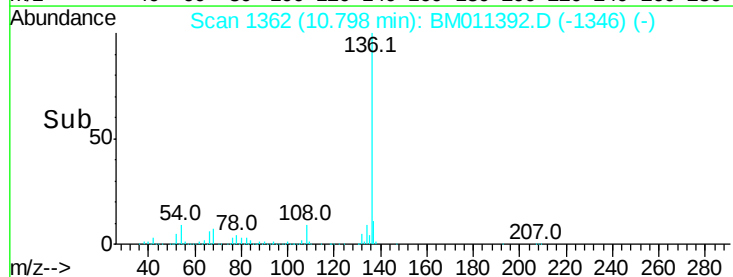
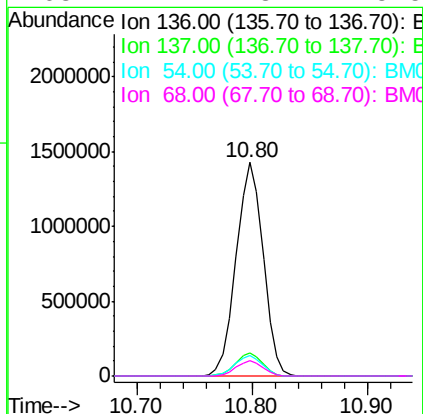
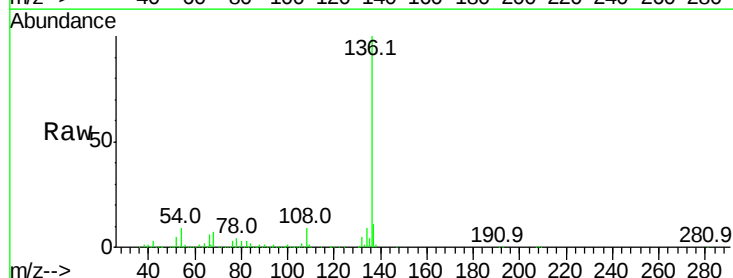
Delta R.T. -0.01 min

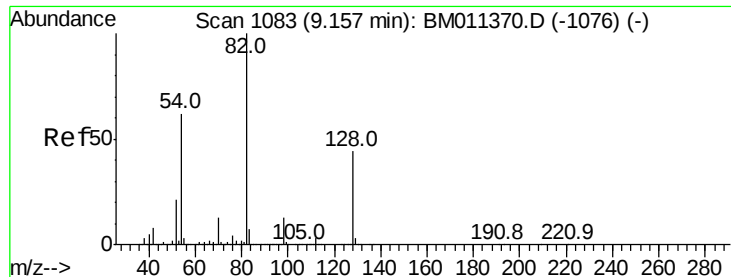
Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Tgt Ion: 136 Resp: 2321453

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	9.3	4.6	6.8#
68	7.2	3.7	5.5#

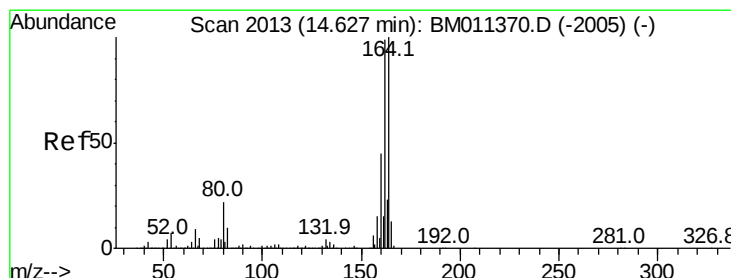
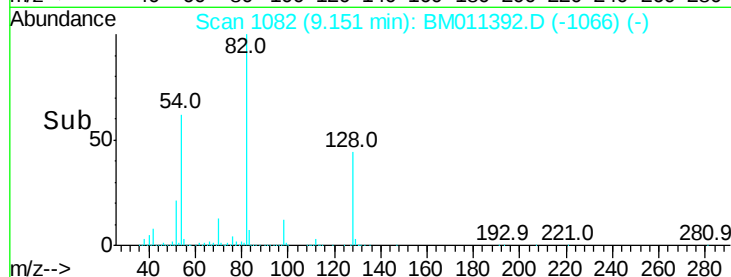
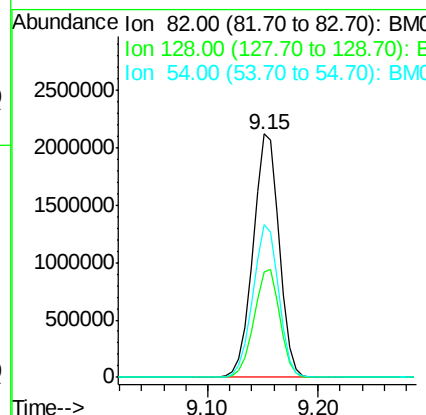
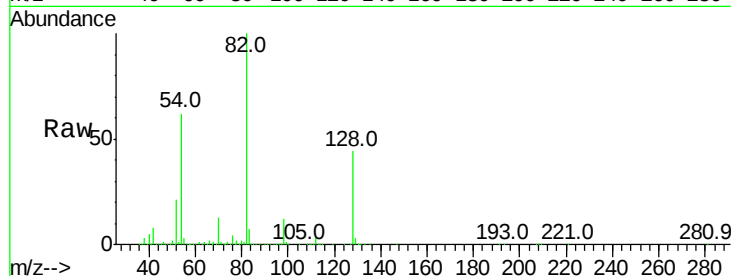




#23
 Nitrobenzene-d5
 Concen: 99.659 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

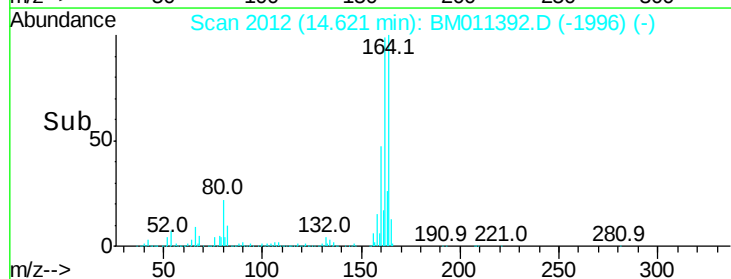
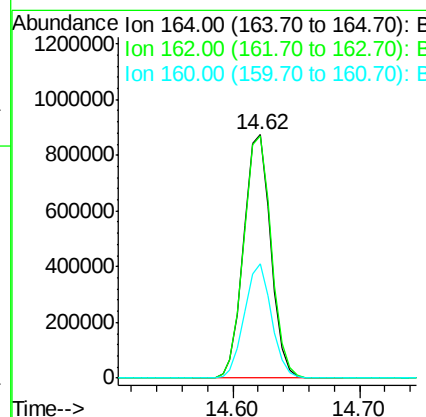
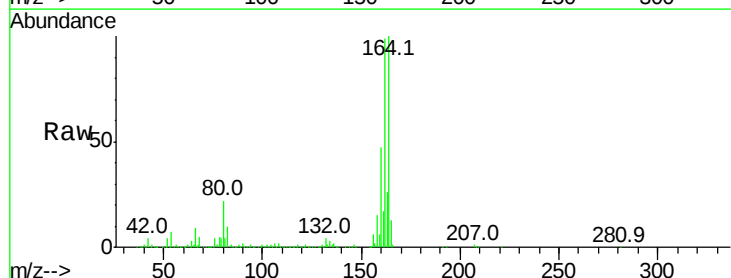
Instrument :
 BNA_M
 ClientSampleId :
 CL-01-082917-E

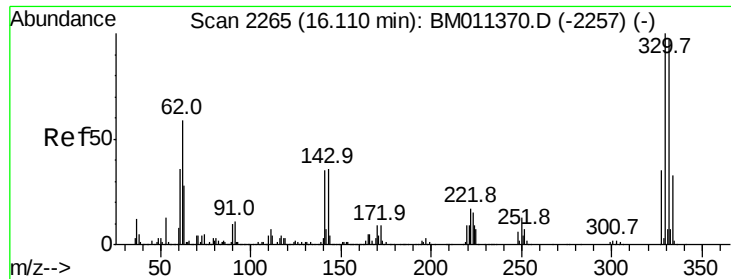
Tot Ion: 82 Resp: 3510782
 Ion Ratio Lower Upper
 82 100
 128 43.5 32.8 49.2
 54 62.5 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

Tgt Ion: 164 Resp: 1291175
 Ion Ratio Lower Upper
 164 100
 162 99.3 82.4 123.6
 160 46.8 35.8 53.6

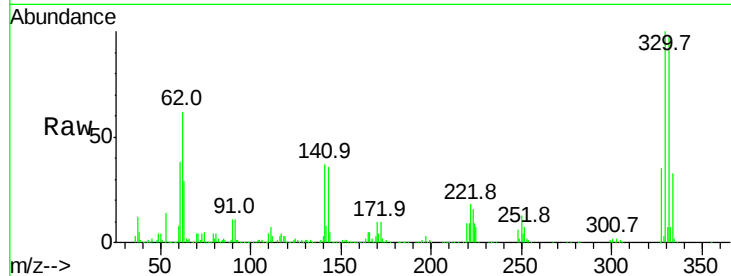




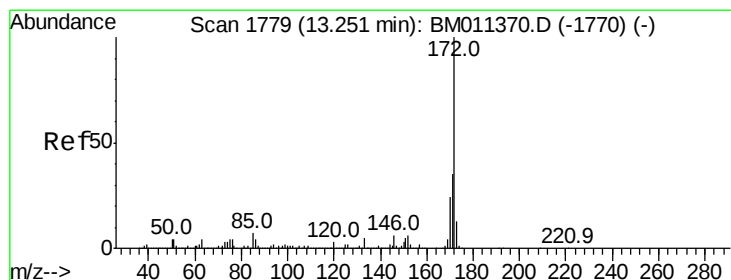
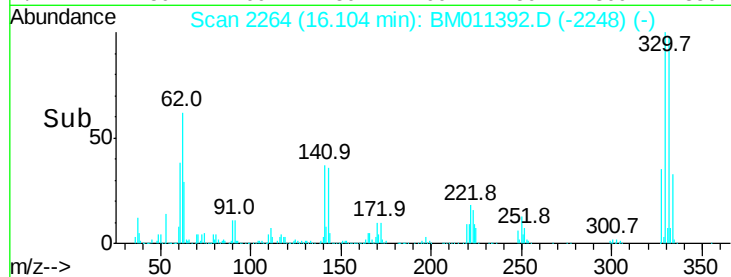
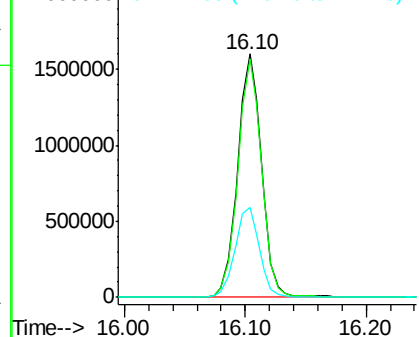
#41
 2,4,6-Tribromophenol
 Concen: 148.136 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

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

Tot Ion:330 Resp: 2212914
 Ion Ratio Lower Upper
 330 100
 332 96.8 0.0 0.0#
 141 37.8 0.0 0.0#

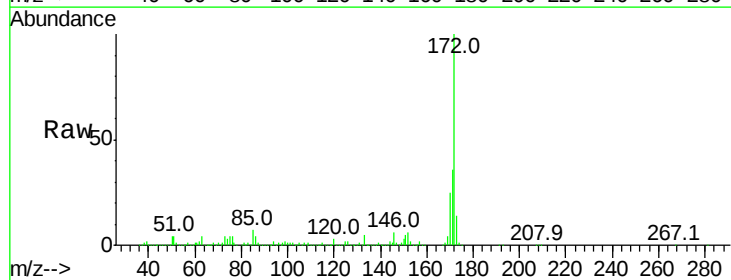


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

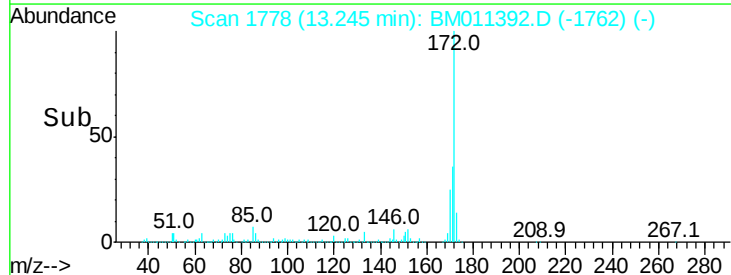
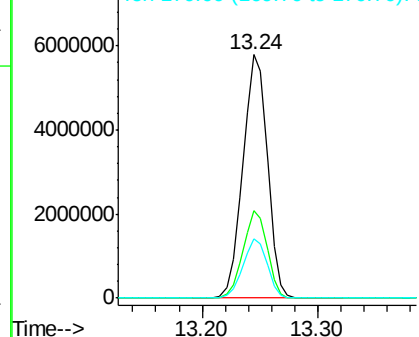


#44
 2-Fluorobiphenyl
 Concen: 95.136 ng
 RT: 13.24 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011392.D
 Acq: 01 Sep 2017 03:22

Tgt Ion:172 Resp: 8521632
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.5 42.7
 170 24.5 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: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

BNA_M

ClientSampleId :

CL-01-082917-E

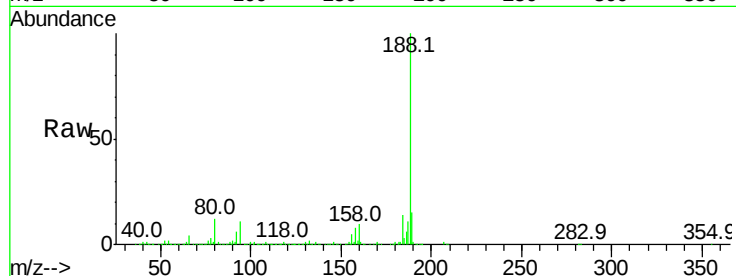
Tot Ion:188 Resp: 2898974

Ion Ratio Lower Upper

188 100

94 10.8 8.7 13.1

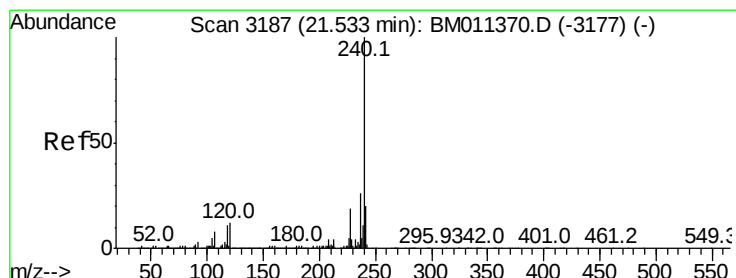
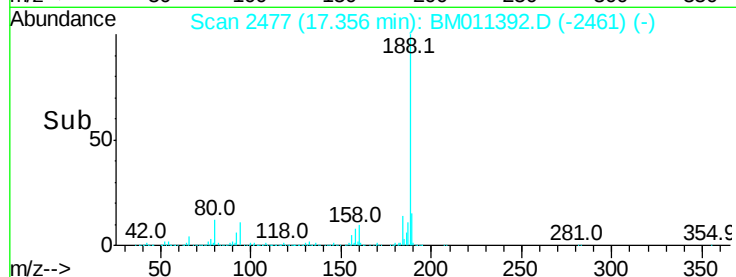
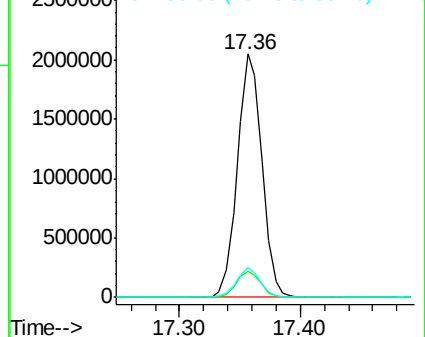
80 12.1 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

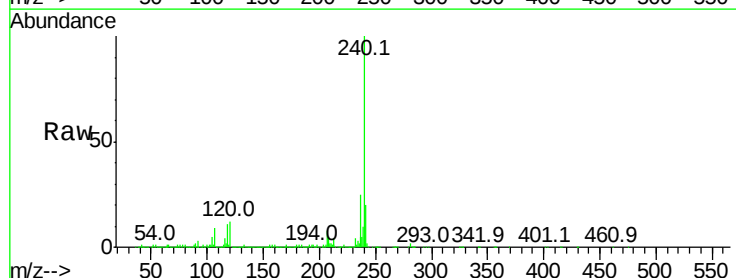
Tgt Ion:240 Resp: 3326829

Ion Ratio Lower Upper

240 100

120 12.3 8.2 12.2#

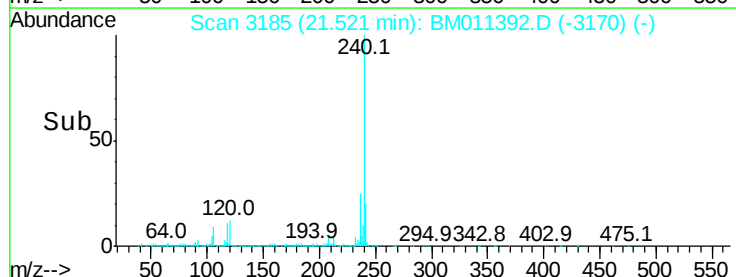
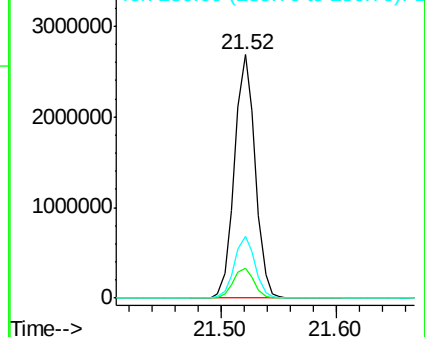
236 25.5 20.0 30.0

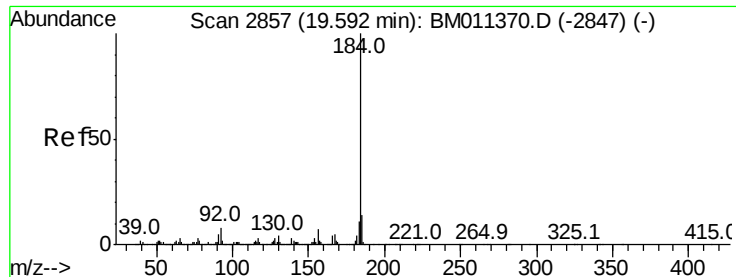


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.725 ng

RT: 19.59 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Instrument :

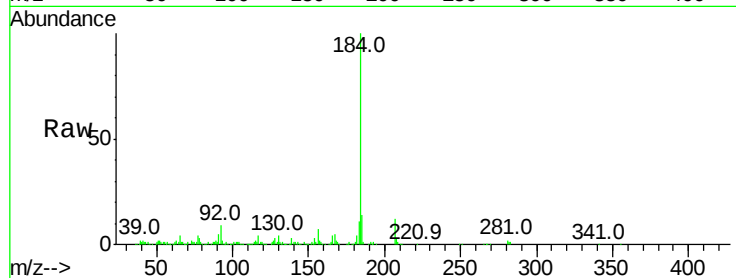
BNA_M

ClientSampleId :

CL-01-082917-E

Tot Ion:184 Resp: 507224

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.3	16.9
183	10.7	8.9	13.3

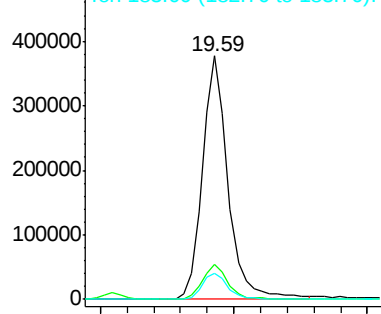


Abundance

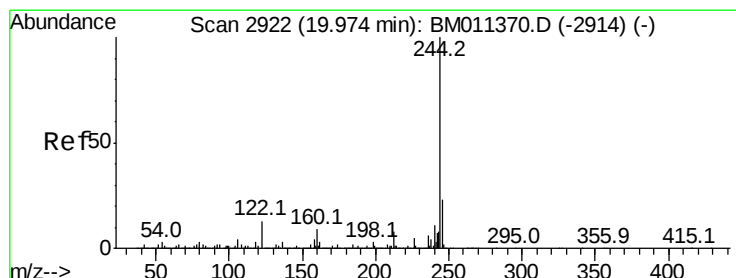
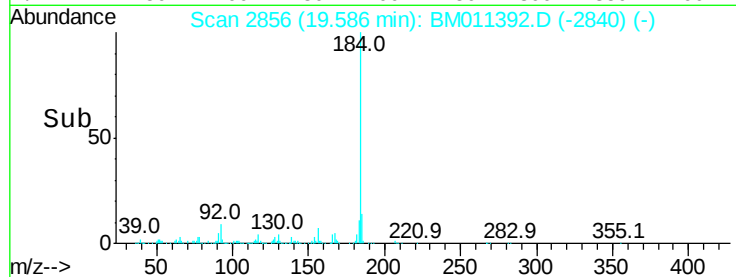
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60



#78

Terphenyl-d14

Concen: 85.791 ng

RT: 19.97 min Scan# 2921

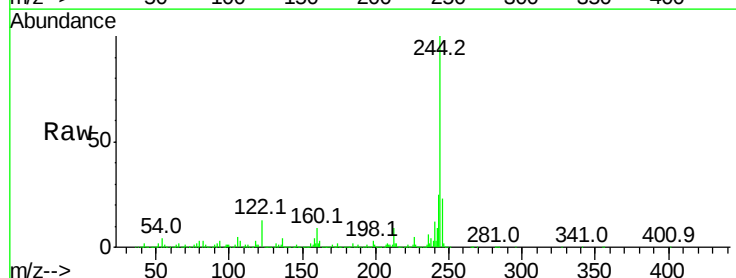
Delta R.T. -0.01 min

Lab File: BM011392.D

Acq: 01 Sep 2017 03:22

Tgt Ion:244 Resp:11502871

Ion	Ratio	Lower	Upper
244	100		
212	8.6	4.9	7.3#
122	13.4	6.2	9.4#

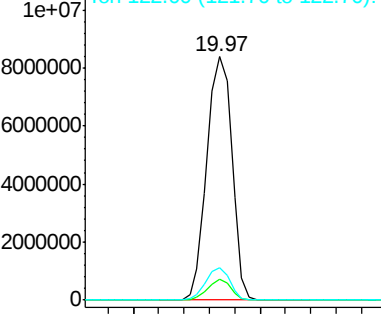


Abundance

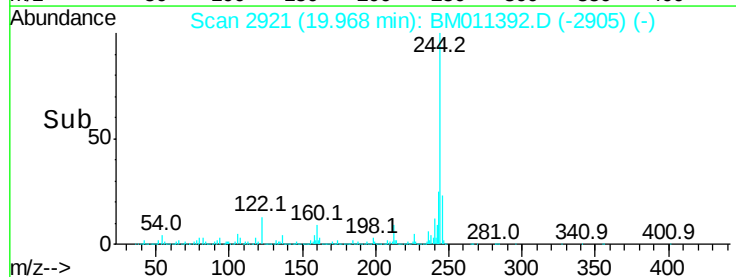
Ion 244.00 (243.70 to 244.70): E

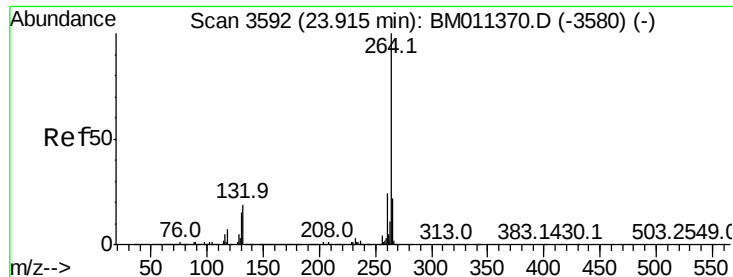
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.90 20.00





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM011392.D
Acq: 01 Sep 2017 03:22

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

Tot Ion: 264 Resp: 3104859

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	27.8
265	22.6	17.3	25.9

