

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011441.D
 Acq On : 05 Sep 2017 20:37
 Operator : SJ/JU
 Sample : I5075-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 292

Quant Time: Sep 06 08:34:56 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

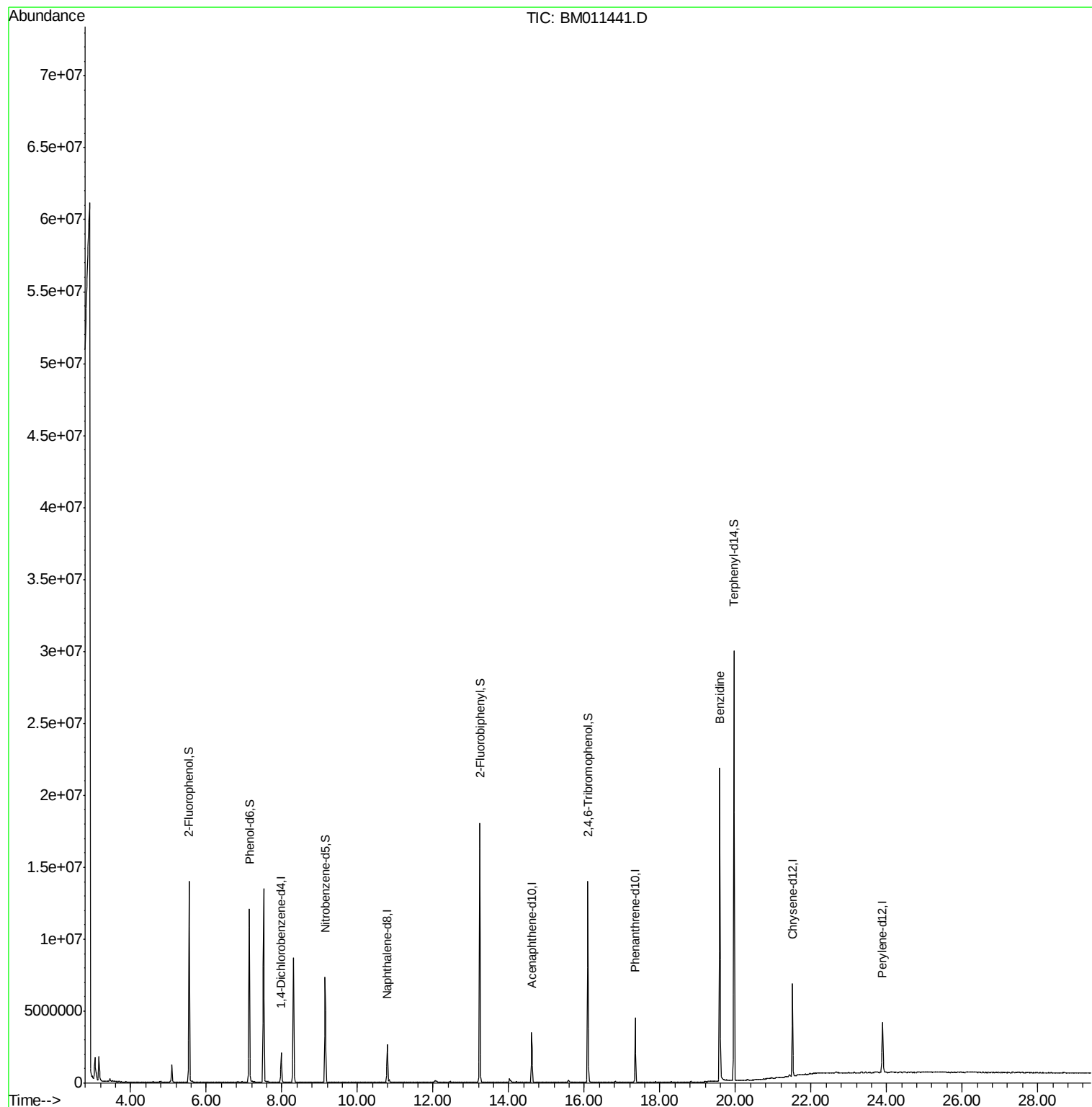
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	538308	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	2208417	20.00	ng	-0.01
38) Acenaphthene-d10	14.61	164	1143435	20.00	ng	-0.02
63) Phenanthrene-d10	17.35	188	2443913	20.00	ng	-0.01
75) Chrysene-d12	21.52	240	2977708	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2533480	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	5184279	162.11	ng	0.00
7) Phenol-d6	7.14	99	6271217	141.42	ng	0.00
23) Nitrobenzene-d5	9.15	82	3801910	113.45	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	2116461	159.99	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	8708620	109.79	ng	-0.01
78) Terphenyl-d14	19.96	244	11415127	95.12	ng	-0.02
Target Compounds						
76) Benzidine	19.59	184	11799033	200.768	ng	Qvalue 96

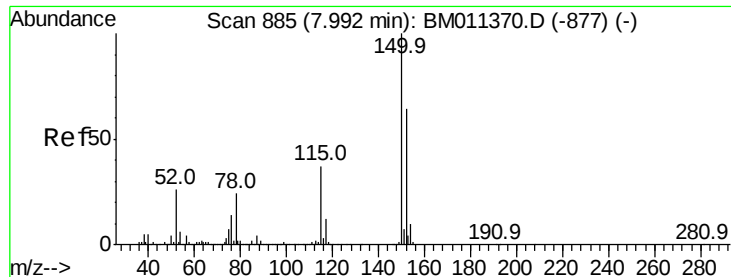
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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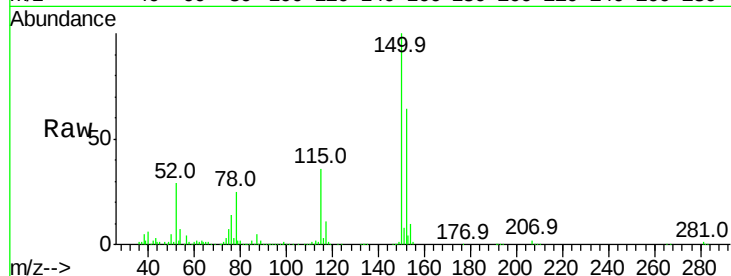


#1

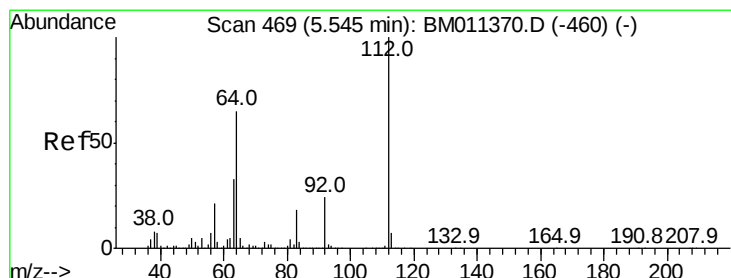
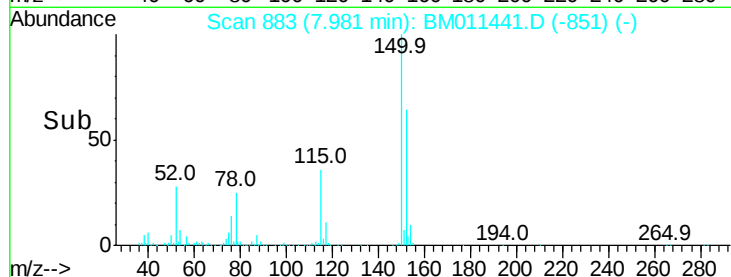
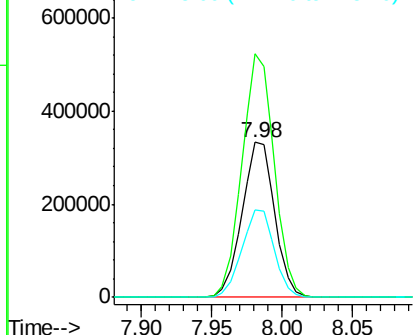
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011441.D
Acq: 05 Sep 2017 20:37

Instrument :
BNA_M
ClientSampleId :
292

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	119.5	179.3
115	56.7	43.0	64.4



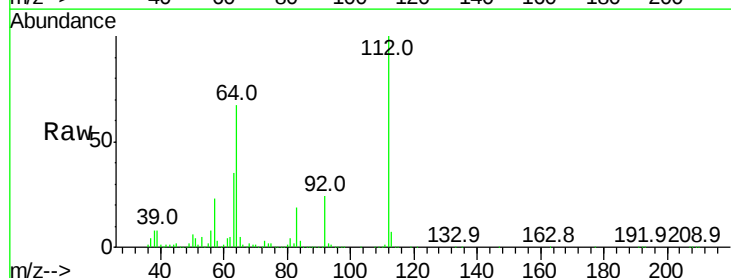
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



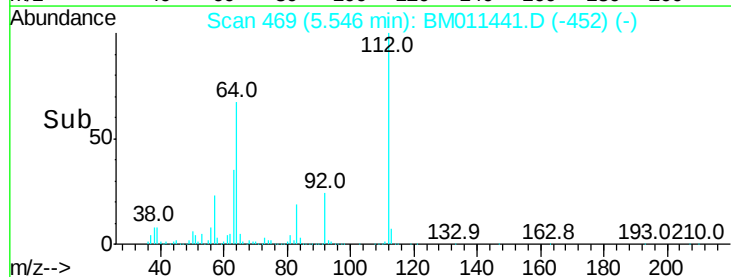
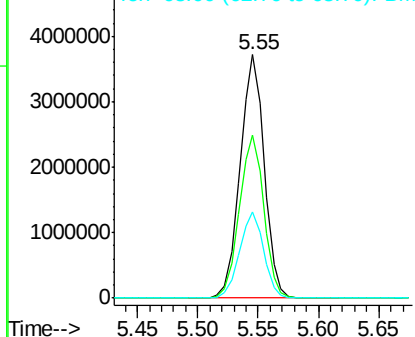
#5

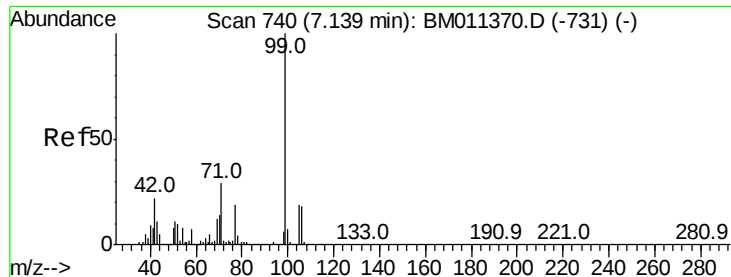
2-Fluorophenol
Concen: 162.111 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011441.D
Acq: 05 Sep 2017 20:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.8	38.6	57.8#
63	35.5	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: 141.423 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011441.D

Acq: 05 Sep 2017 20:37

Instrument :

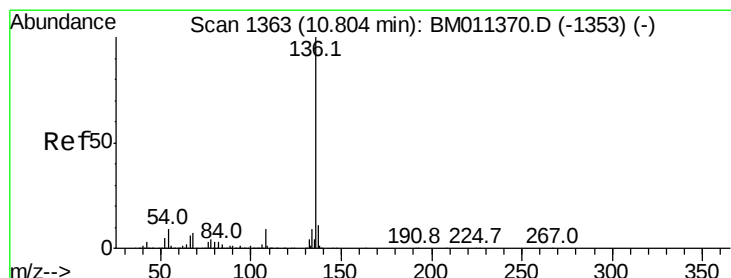
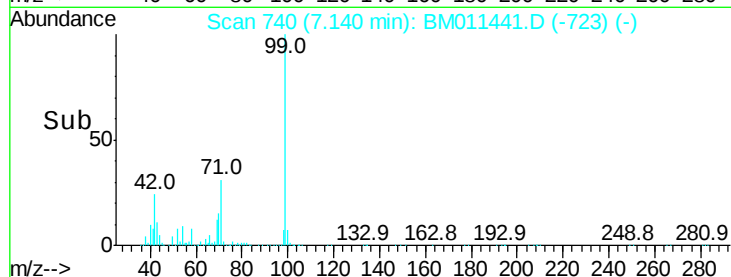
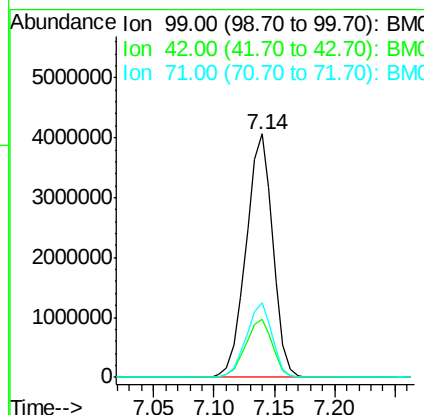
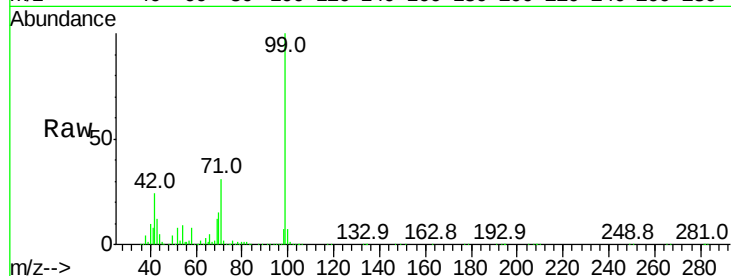
BNA_M

ClientSampled :

292

Tot Ion: 99 Resp: 6271217

Ion	Ratio	Lower	Upper
99	100		
42	23.8	11.0	16.4#
71	30.5	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

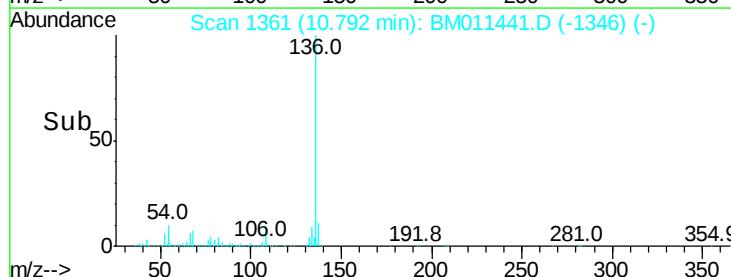
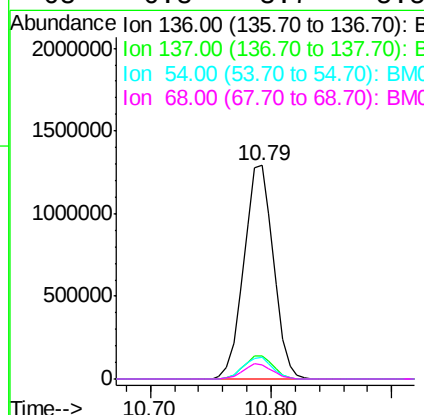
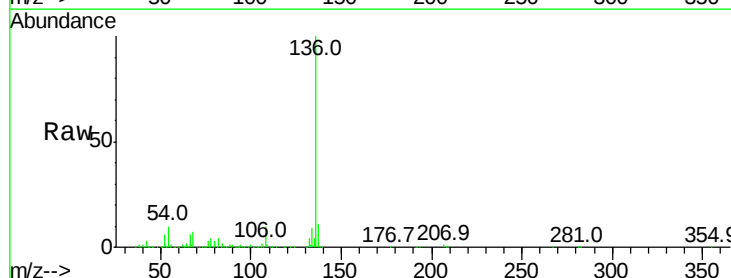
Delta R.T. -0.01 min

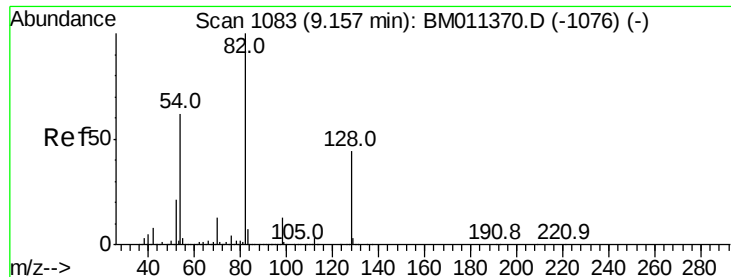
Lab File: BM011441.D

Acq: 05 Sep 2017 20:37

Tgt Ion: 136 Resp: 2208417

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	10.2	4.6	6.8#
68	6.8	3.7	5.5#

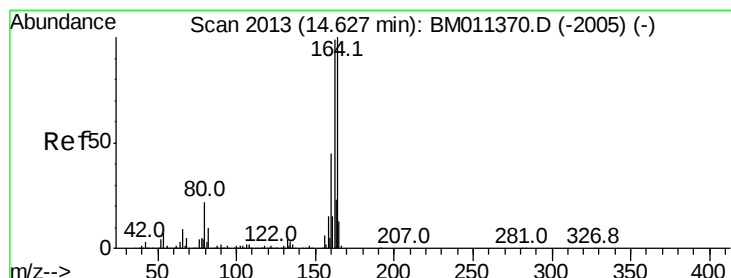
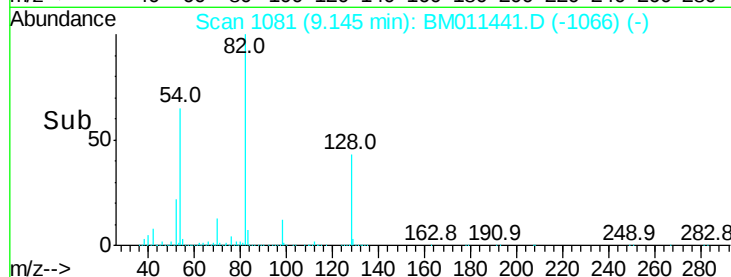
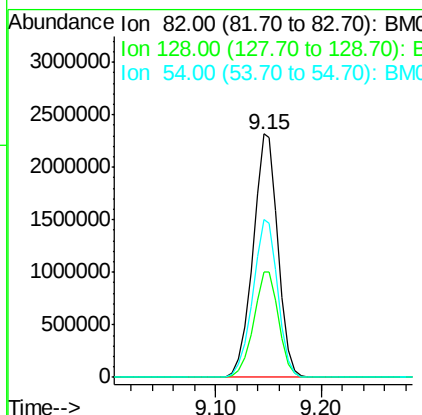
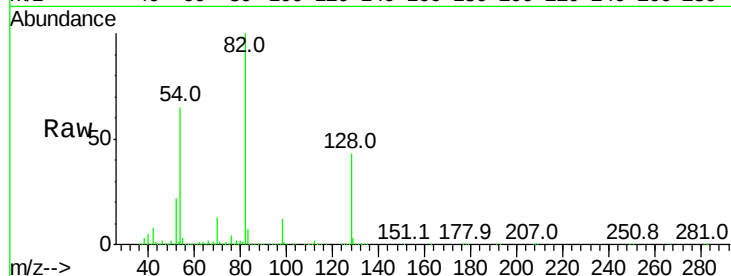




#23
 Nitrobenzene-d5
 Concen: 113.447 ng
 RT: 9.15 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BM011441.D
 Acq: 05 Sep 2017 20:37

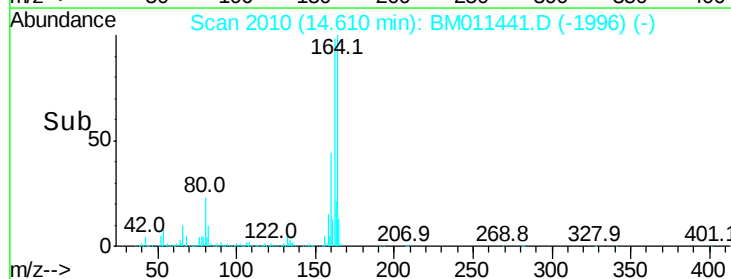
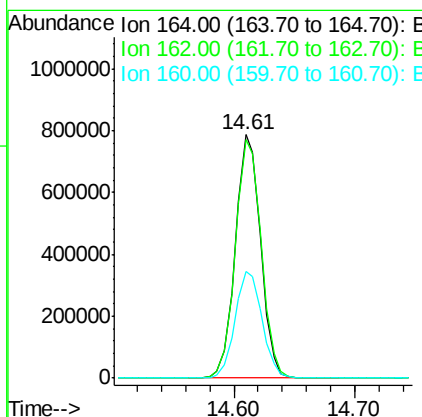
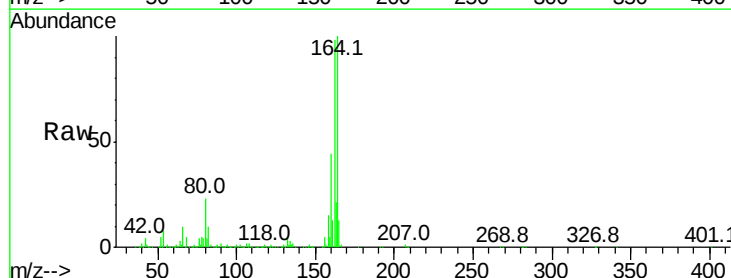
Instrument :
 BNA_M
 ClientSampleId :
 292

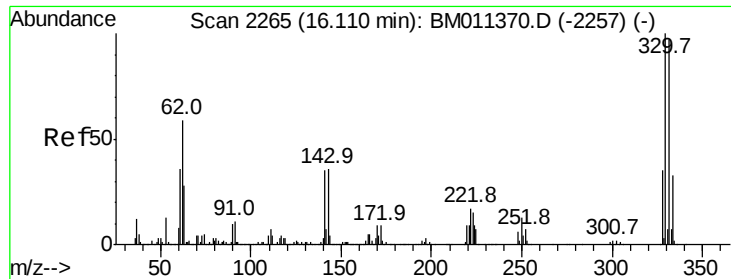
Tot Ion: 82 Resp: 3801910
 Ion Ratio Lower Upper
 82 100
 128 43.3 32.8 49.2
 54 64.7 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.61 min Scan# 2010
 Delta R.T. -0.02 min
 Lab File: BM011441.D
 Acq: 05 Sep 2017 20:37

Tgt Ion: 164 Resp: 1143435
 Ion Ratio Lower Upper
 164 100
 162 97.7 82.4 123.6
 160 43.8 35.8 53.6

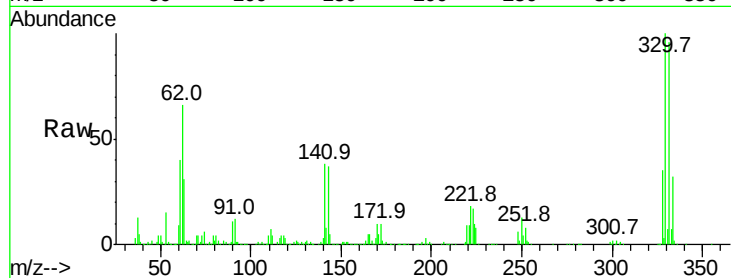




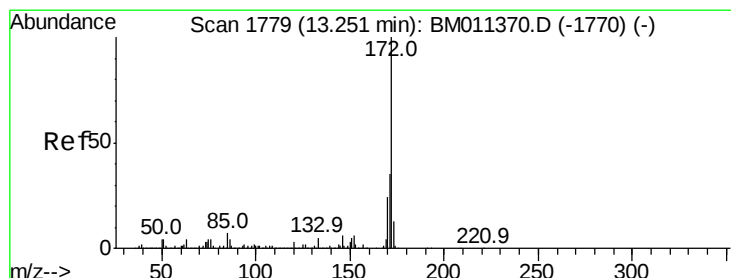
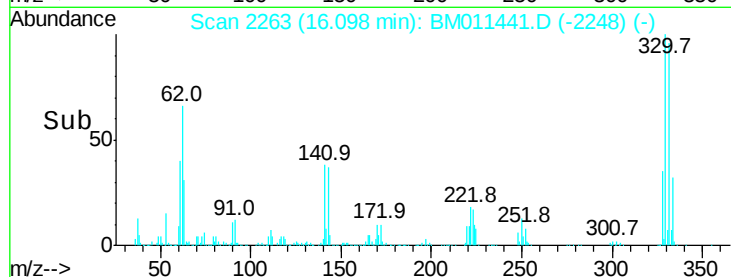
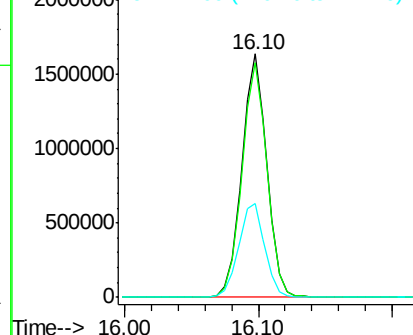
#41
 2,4,6-Tribromophenol
 Concen: 159.986 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011441.D
 Acq: 05 Sep 2017 20:37

Instrument :
 BNA_M
 ClientSampled :
 292

Tot Ion:330 Resp: 2116461
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 40.6 0.0 0.0#

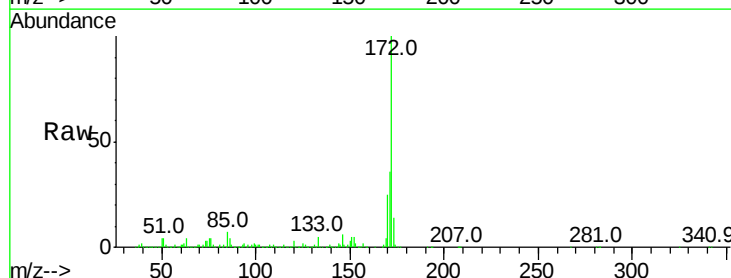


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

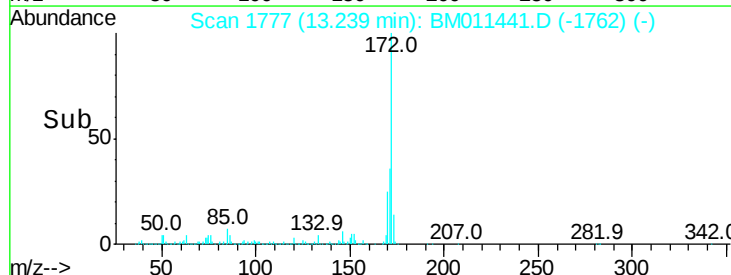
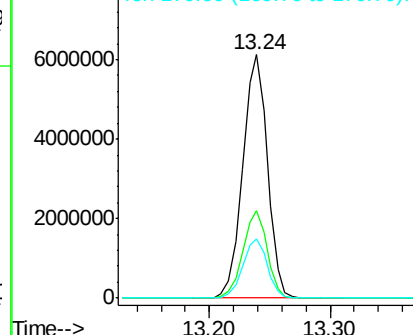


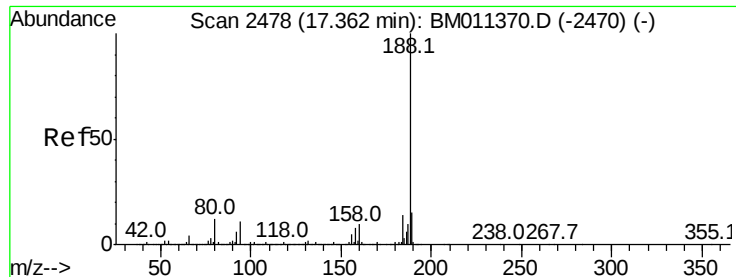
#44
 2-Fluorobiphenyl
 Concen: 109.786 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011441.D
 Acq: 05 Sep 2017 20:37

Tgt Ion:172 Resp: 8708620
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.5 42.7
 170 24.6 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

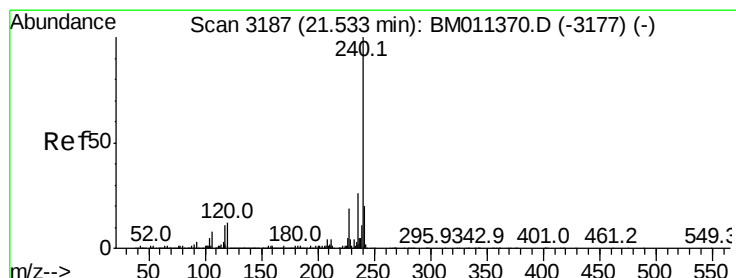
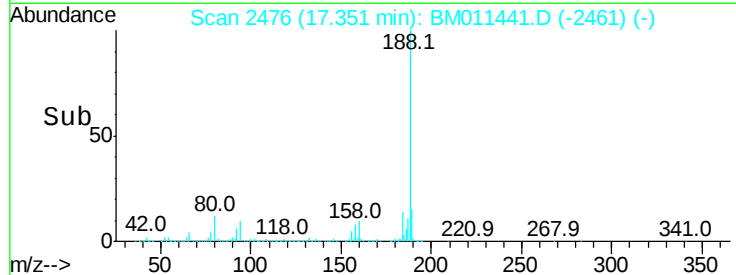
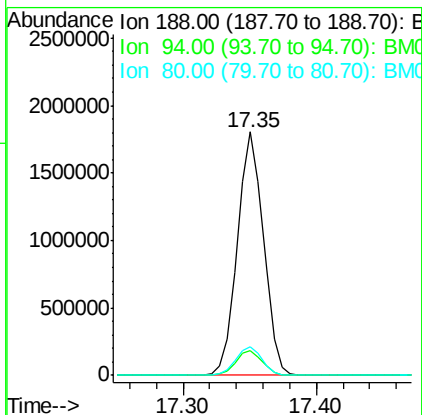
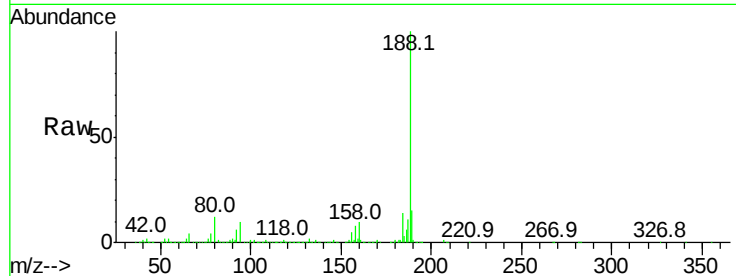




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011441.D
Acq: 05 Sep 2017 20:37

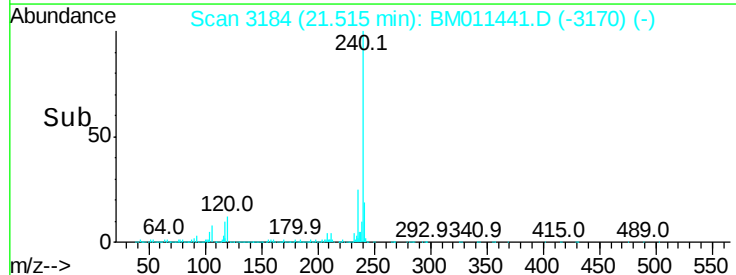
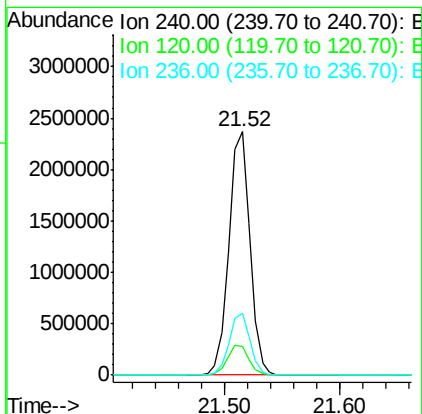
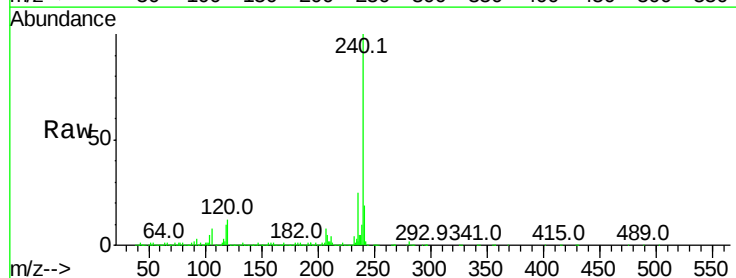
Instrument :
BNA_M
ClientSampleId :
292

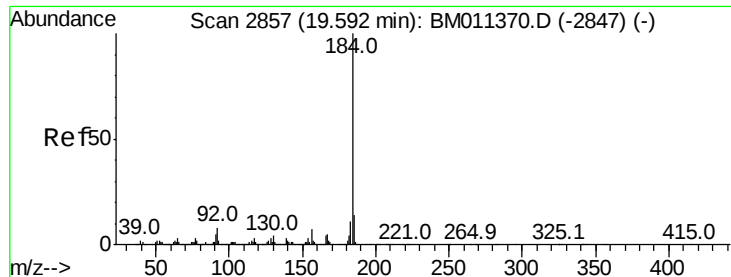
Tot Ion:188 Resp: 2443913
Ion Ratio Lower Upper
188 100
94 10.4 8.7 13.1
80 11.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011441.D
Acq: 05 Sep 2017 20:37

Tgt Ion:240 Resp: 2977708
Ion Ratio Lower Upper
240 100
120 11.9 8.2 12.2
236 25.2 20.0 30.0





#76

Benzidine

Concen: 200.768 ng

RT: 19.59 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM011441.D

Acq: 05 Sep 2017 20:37

Instrument :

BNA_M

ClientSampled :

292

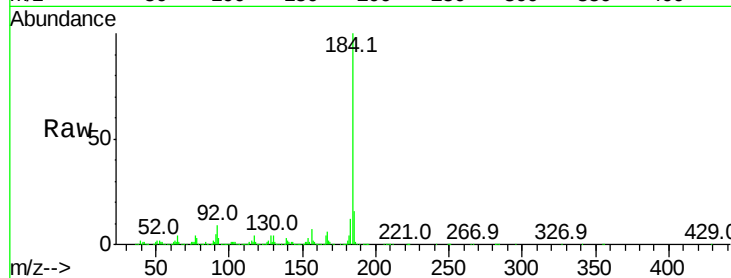
Tot Ion:184 Resp:11799033

Ion Ratio Lower Upper

184 100

185 16.1 11.3 16.9

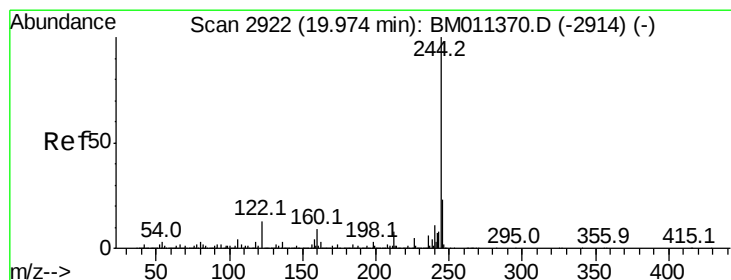
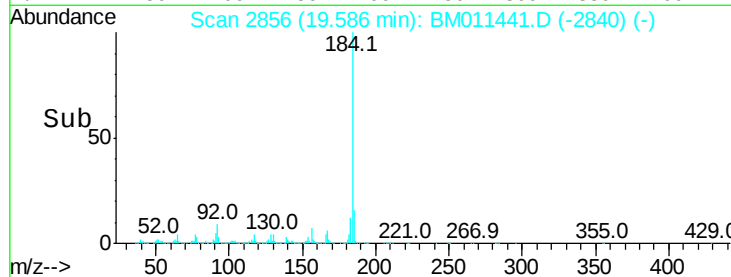
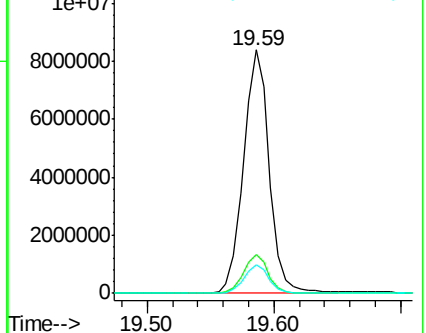
183 11.9 8.9 13.3



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: 95.118 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011441.D

Acq: 05 Sep 2017 20:37

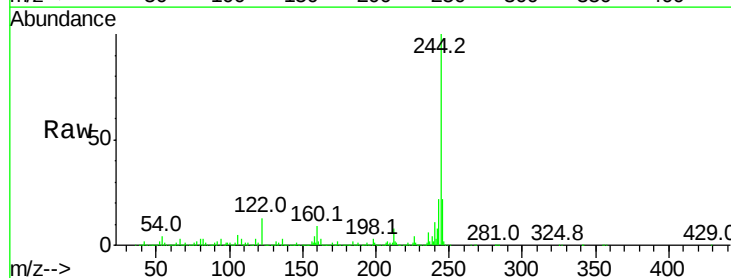
Tgt Ion:244 Resp:11415127

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

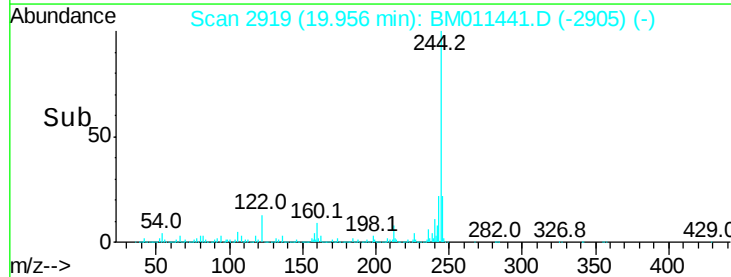
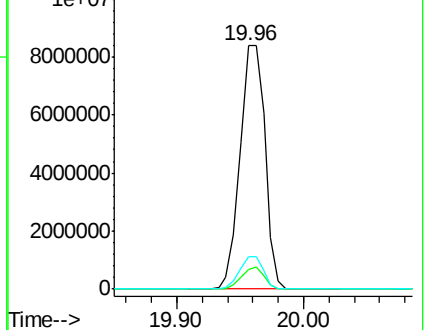
122 13.2 6.2 9.4#

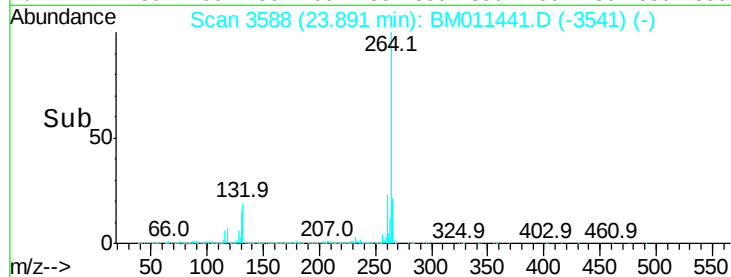
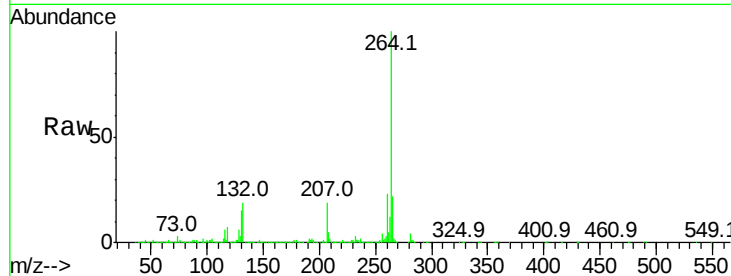
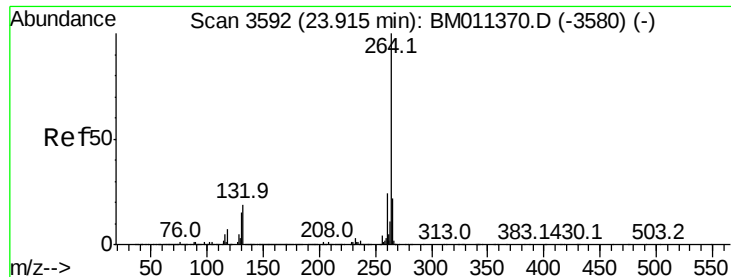


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.89 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BM011441.D

Acq: 05 Sep 2017 20:37

Instrument :

BNA_M

ClientSampleId :

292

Tot Ion:264 Resp: 2533480

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 21.9 17.3 25.9

