

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090217\
 Data File : BM011412.D
 Acq On : 02 Sep 2017 13:05
 Operator : SJ/JU
 Sample : I5073-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-2-COMP

Quant Time: Sep 04 04:00:17 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

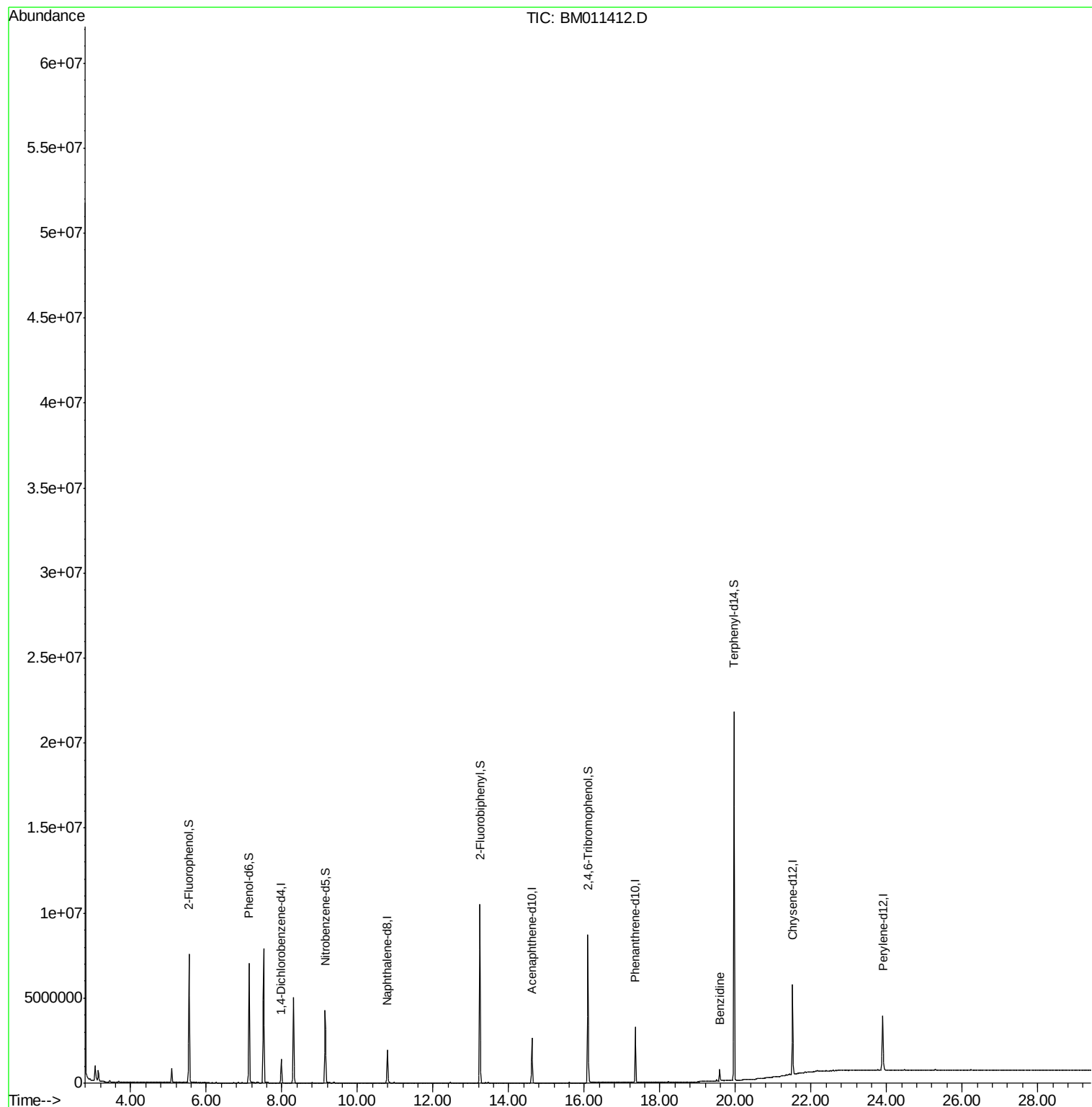
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	382176	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1565707	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	839532	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	1896280	20.00	ng	0.00
75) Chrysene-d12	21.52	240	2339365	20.00	ng	-0.02
86) Perylene-d12	23.90	264	2266967	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3071760	135.29	ng	0.00
7) Phenol-d6	7.13	99	3746377	119.00	ng	0.00
23) Nitrobenzene-d5	9.15	82	2258602	95.06	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1315477	135.43	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	5341404	91.71	ng	-0.01
78) Terphenyl-d14	19.96	244	8313211	88.17	ng	-0.01
Target Compounds						
76) Benzidine	19.59	184	402990	8.728	ng	Qvalue 98

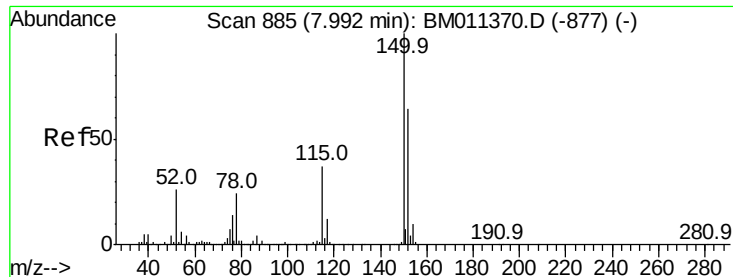
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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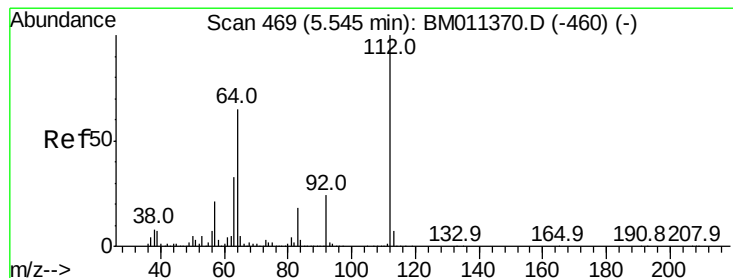
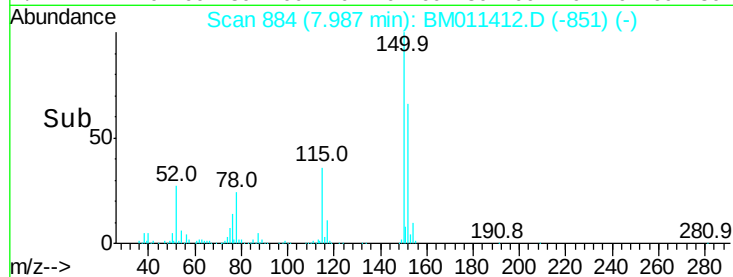
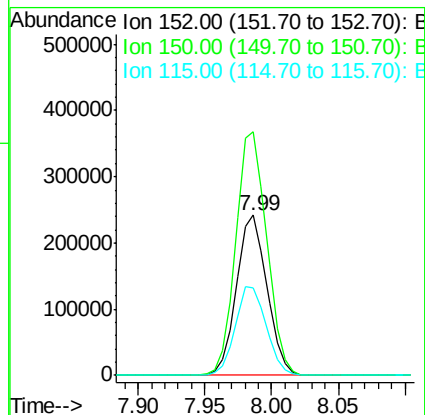
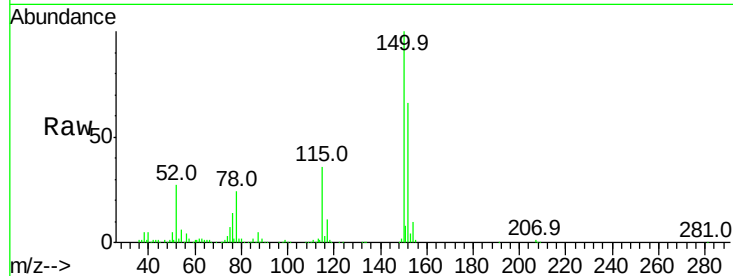


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011412.D
Acq: 02 Sep 2017 13:05

Instrument :
BNA_M
ClientSampleId :
TP-1-2-COMP

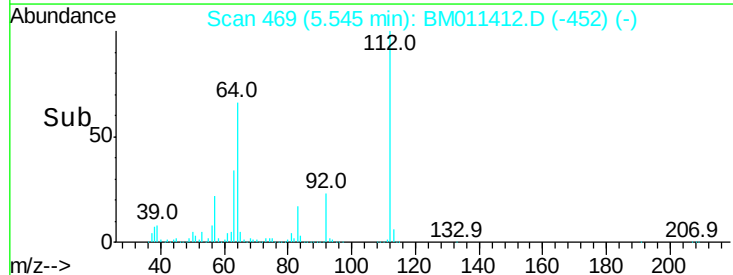
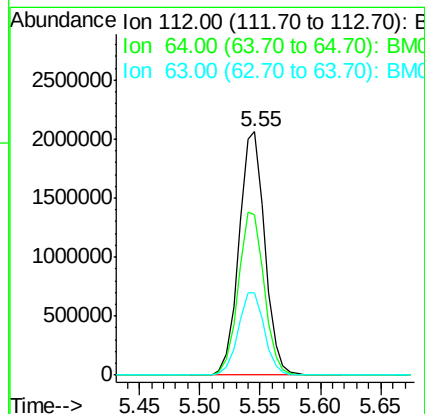
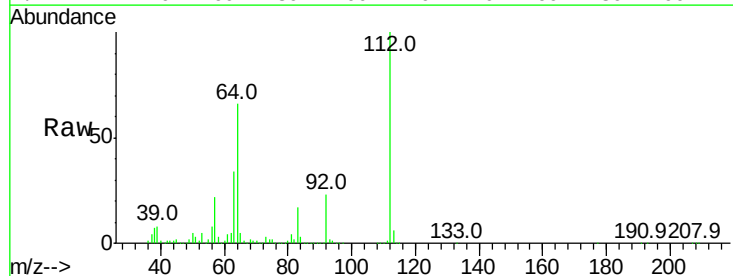
Tot Ion:152 Resp: 382176
Ion Ratio Lower Upper
152 100
150 151.9 119.5 179.3
115 54.9 43.0 64.4

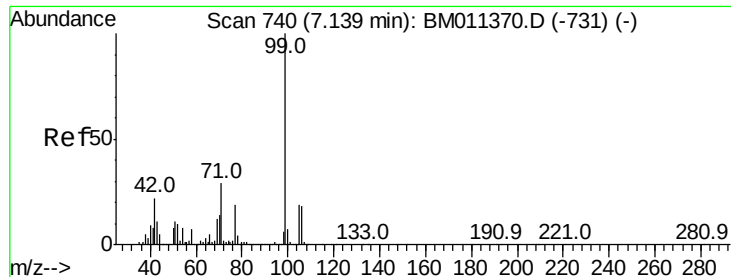


#5

2-Fluorophenol
Concen: 135.294 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011412.D
Acq: 02 Sep 2017 13:05

Tgt Ion:112 Resp: 3071760
Ion Ratio Lower Upper
112 100
64 66.1 38.6 57.8#
63 33.9 19.3 28.9#





#7

Phenol-d6

Concen: 119.000 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

Instrument :

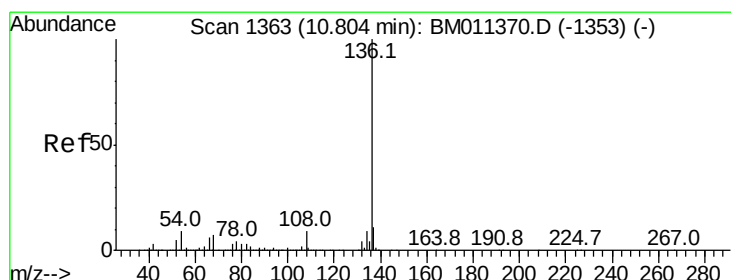
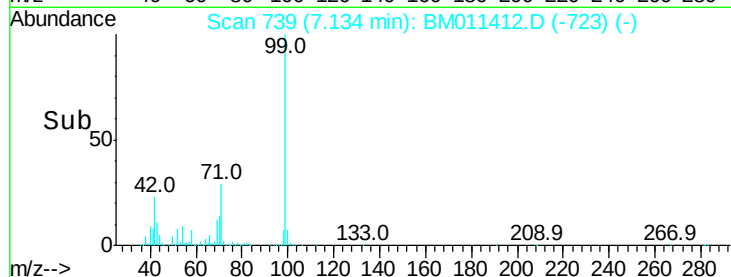
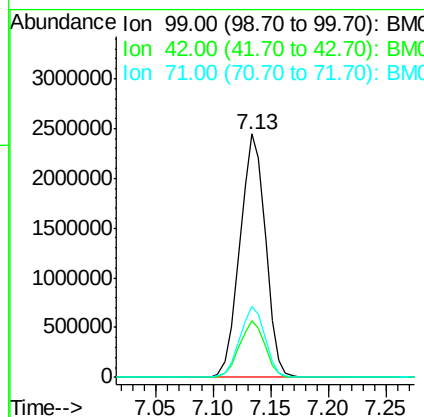
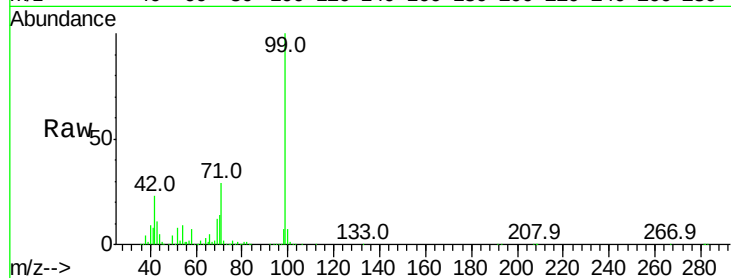
BNA_M

ClientSampleId :

TP-1-2-COMP

Tot Ion: 99 Resp: 3746377

Ion	Ratio	Lower	Upper
99	100		
42	23.2	11.0	16.4#
71	29.0	23.4	35.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

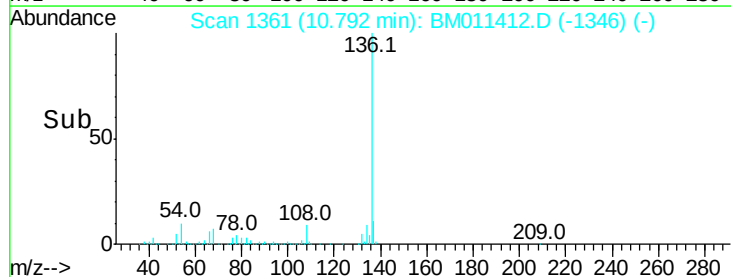
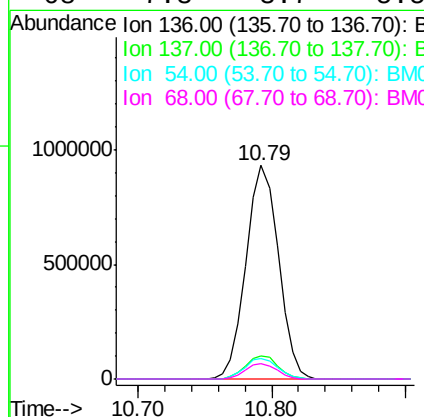
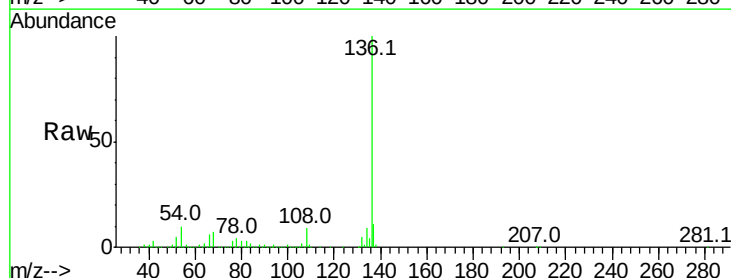
Delta R.T. -0.01 min

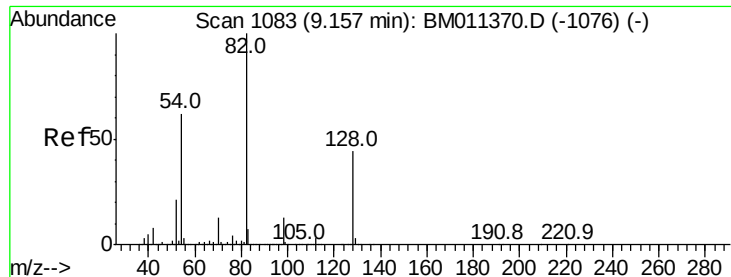
Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

Tgt Ion: 136 Resp: 1565707

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	9.8	4.6	6.8#
68	7.3	3.7	5.5#

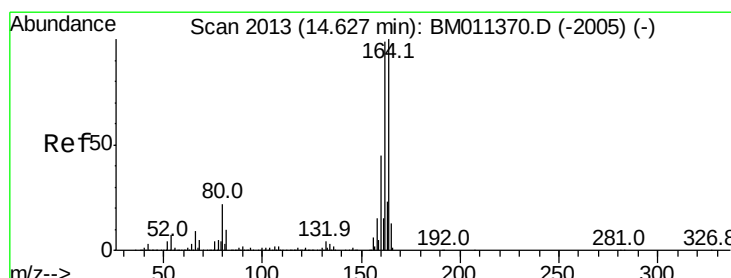
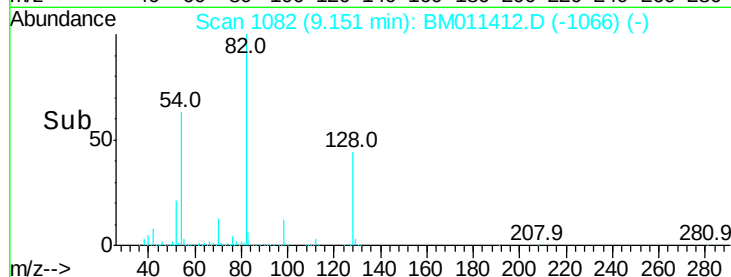
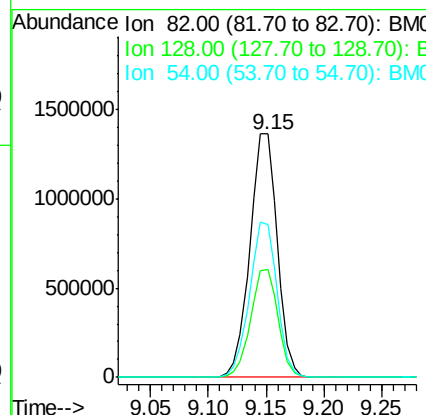
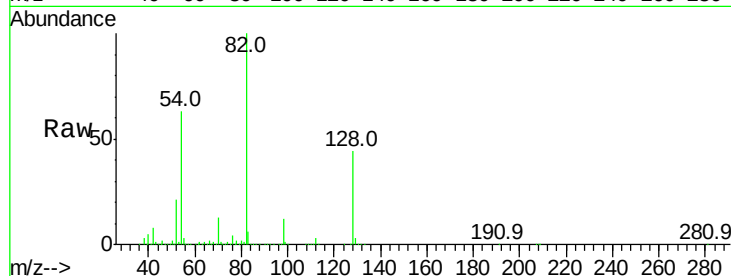




#23
 Nitrobenzene-d5
 Concen: 95.061 ng
 RT: 9.15 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BM011412.D
 Acq: 02 Sep 2017 13:05

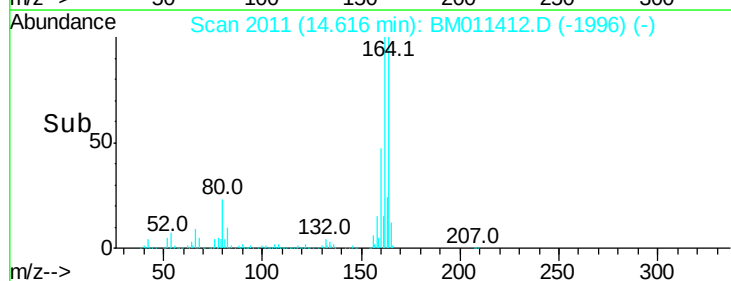
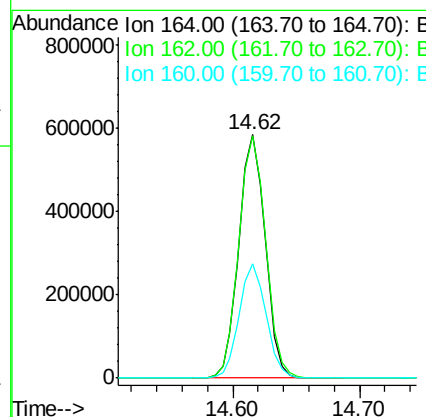
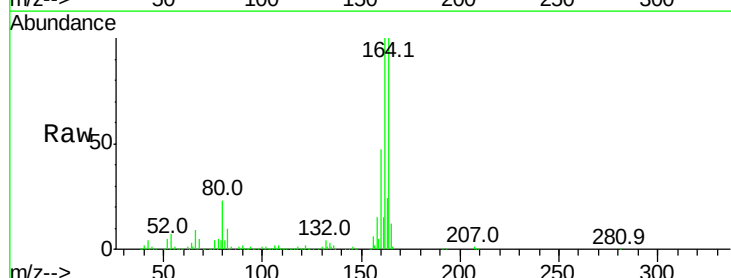
Instrument :
 BNA_M
 ClientSampleId :
 TP-1-2-COMP

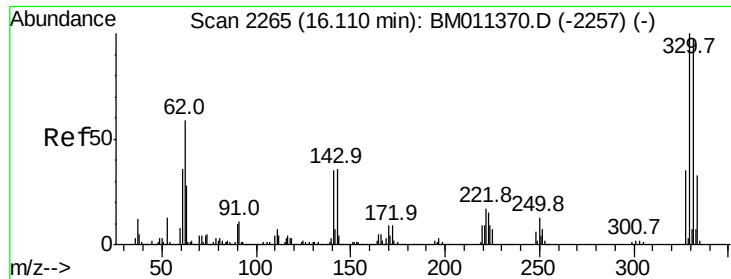
Tot Ion: 82 Resp: 2258602
 Ion Ratio Lower Upper
 82 100
 128 44.1 32.8 49.2
 54 62.7 40.6 60.8#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BM011412.D
 Acq: 02 Sep 2017 13:05

Tgt Ion: 164 Resp: 839532
 Ion Ratio Lower Upper
 164 100
 162 99.6 82.4 123.6
 160 46.7 35.8 53.6

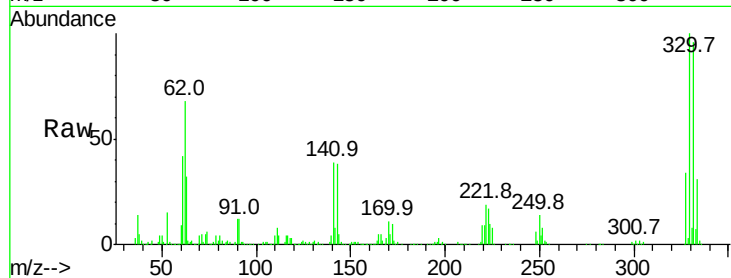




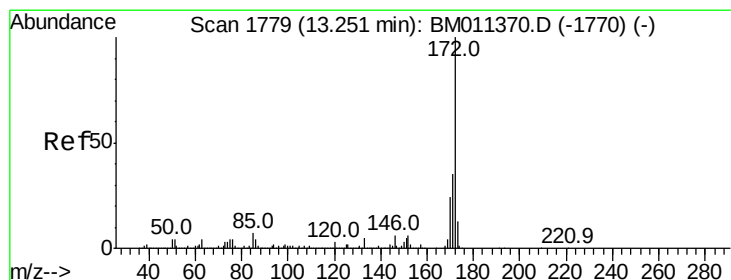
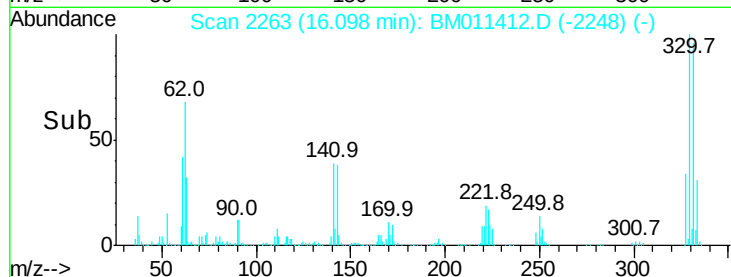
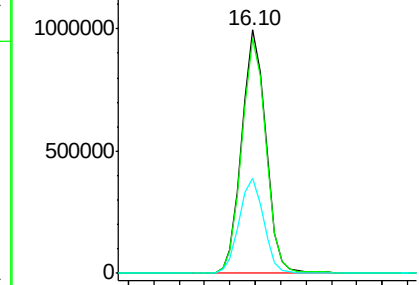
#41
 2,4,6-Tribromophenol
 Concen: 135.434 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011412.D
 Acq: 02 Sep 2017 13:05

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-2-COMP

Tot Ion:330 Resp: 1315477
 Ion Ratio Lower Upper
 330 100
 332 96.5 0.0 0.0#
 141 39.7 0.0 0.0#

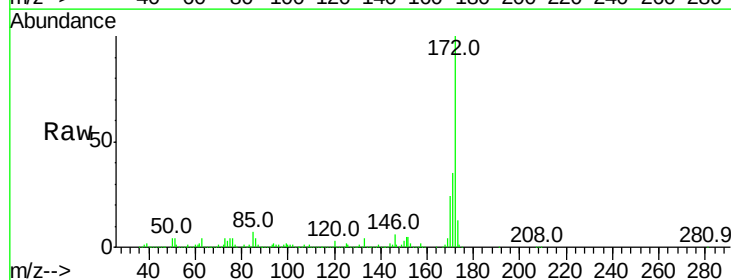


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

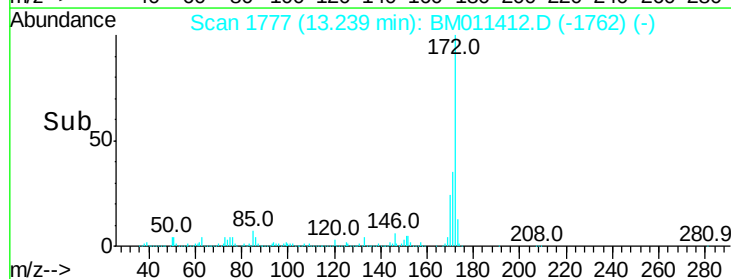
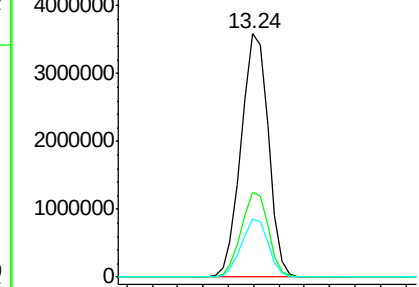


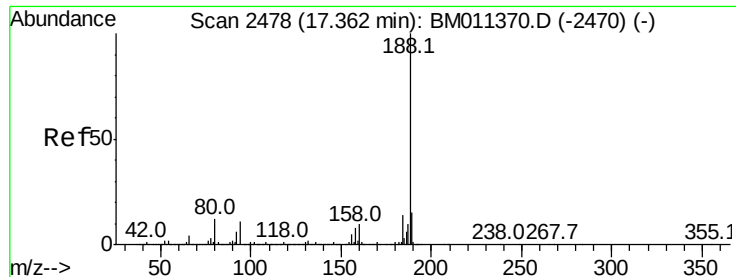
#44
 2-Fluorobiphenyl
 Concen: 91.712 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011412.D
 Acq: 02 Sep 2017 13:05

Tgt Ion:172 Resp: 5341404
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.8 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

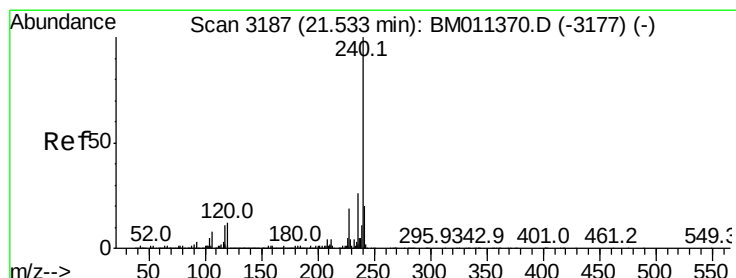
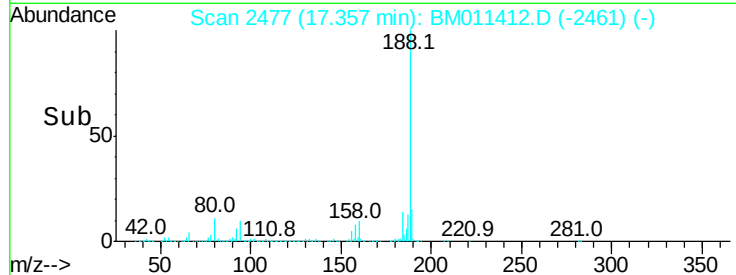
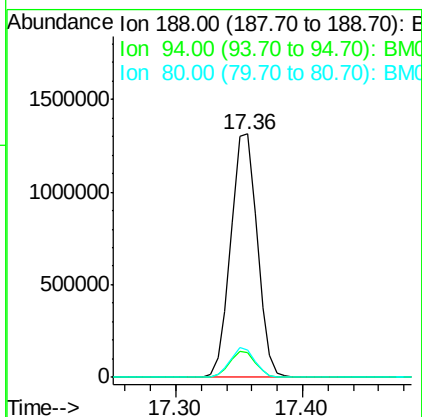
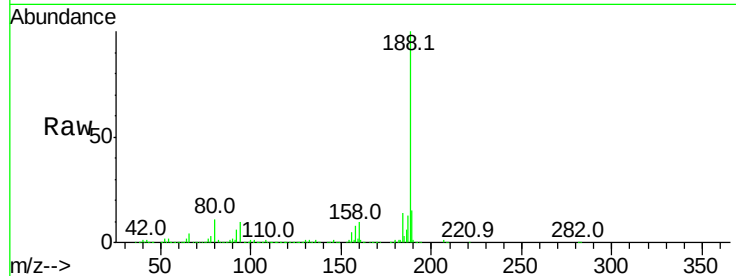




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.36 min Scan# 2477
Delta R.T. -0.01 min
Lab File: BM011412.D
Acq: 02 Sep 2017 13:05

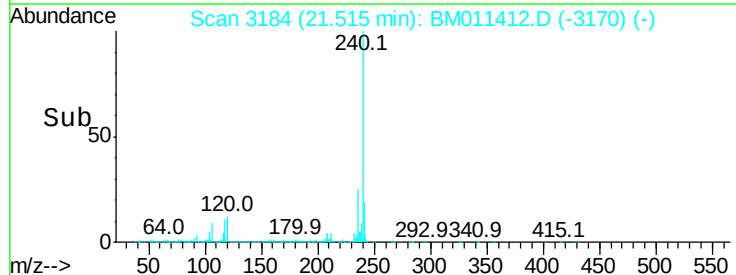
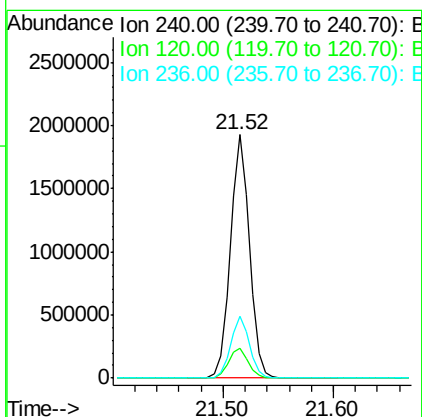
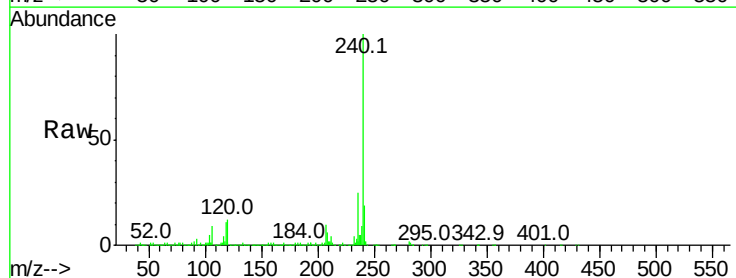
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BNA_M
ClientSampleId :
TP-1-2-COMP

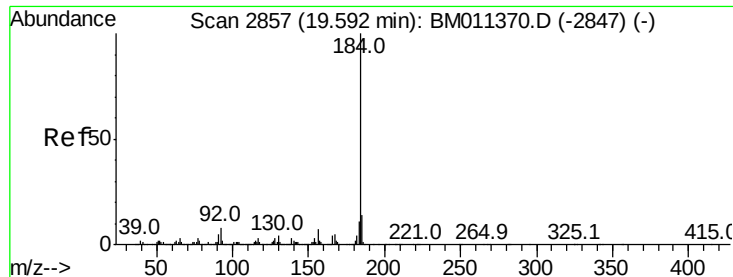
Tot Ion:188 Resp: 1896280
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 11.3 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.52 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011412.D
Acq: 02 Sep 2017 13:05

Tgt Ion:240 Resp: 2339365
Ion Ratio Lower Upper
240 100
120 12.0 8.2 12.2
236 25.3 20.0 30.0





#76

Benzidine

Concen: 8.728 ng

RT: 19.59 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

Instrument :

BNA_M

ClientSampleId :

TP-1-2-COMP

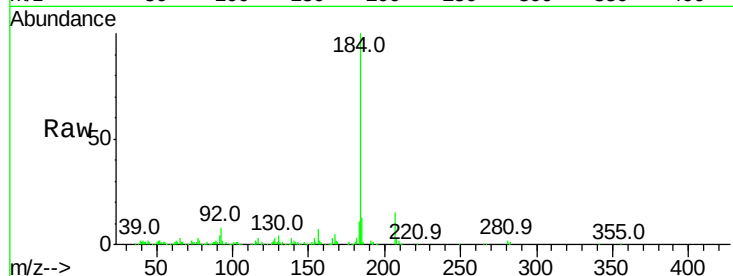
Tot Ion:184 Resp: 402990

Ion	Ratio	Lower	Upper
184	100		
185	13.1	11.3	16.9
183	10.6	8.9	13.3

184 100

185 13.1 11.3 16.9

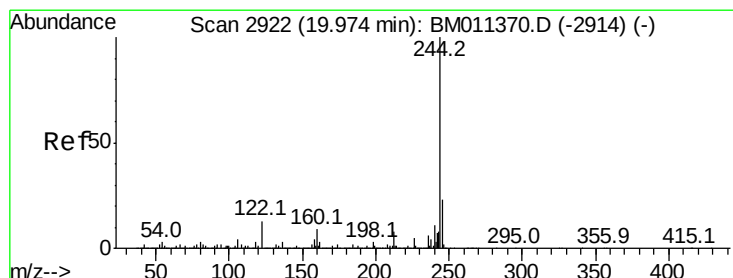
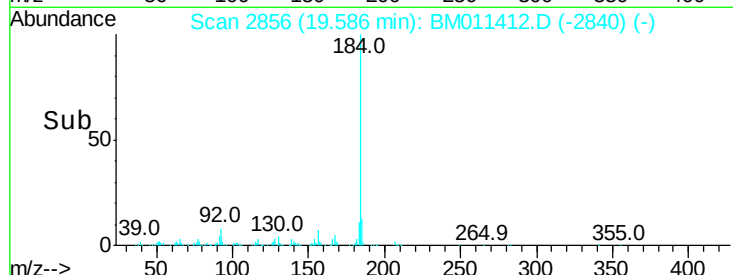
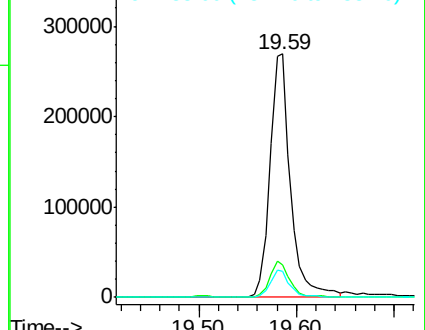
183 10.6 8.9 13.3



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: 88.173 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011412.D

Acq: 02 Sep 2017 13:05

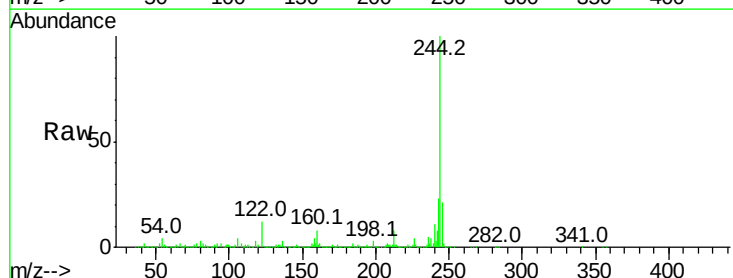
Tgt Ion:244 Resp: 8313211

Ion	Ratio	Lower	Upper
244	100		
212	7.6	4.9	7.3#
122	12.0	6.2	9.4#

244 100

212 7.6 4.9 7.3#

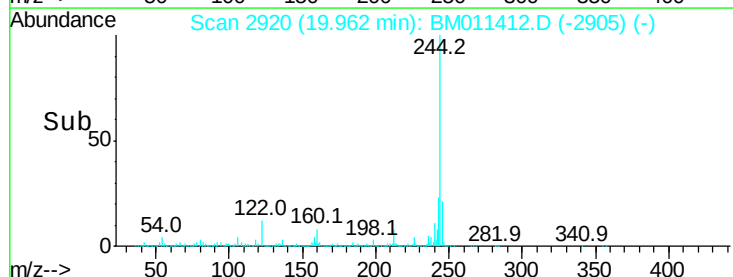
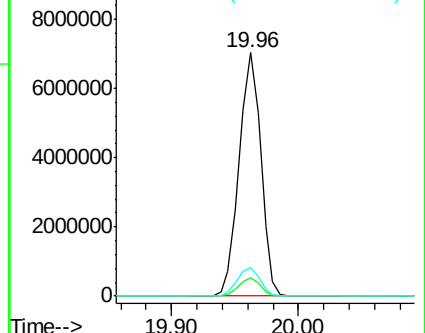
122 12.0 6.2 9.4#

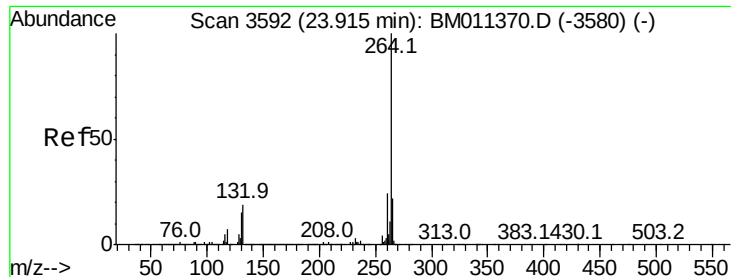


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3589
Delta R.T. -0.02 min
Lab File: BM011412.D
Acq: 02 Sep 2017 13:05

Instrument :
BNA_M
ClientSampleId :
TP-1-2-COMP

Tot Ion:264 Resp: 2266967

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.9	17.3	25.9

