

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\
 Data File : BM011436.D
 Acq On : 05 Sep 2017 17:35
 Operator : SJ/JU
 Sample : I5075-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 72-11948

Quant Time: Sep 06 08:16:42 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

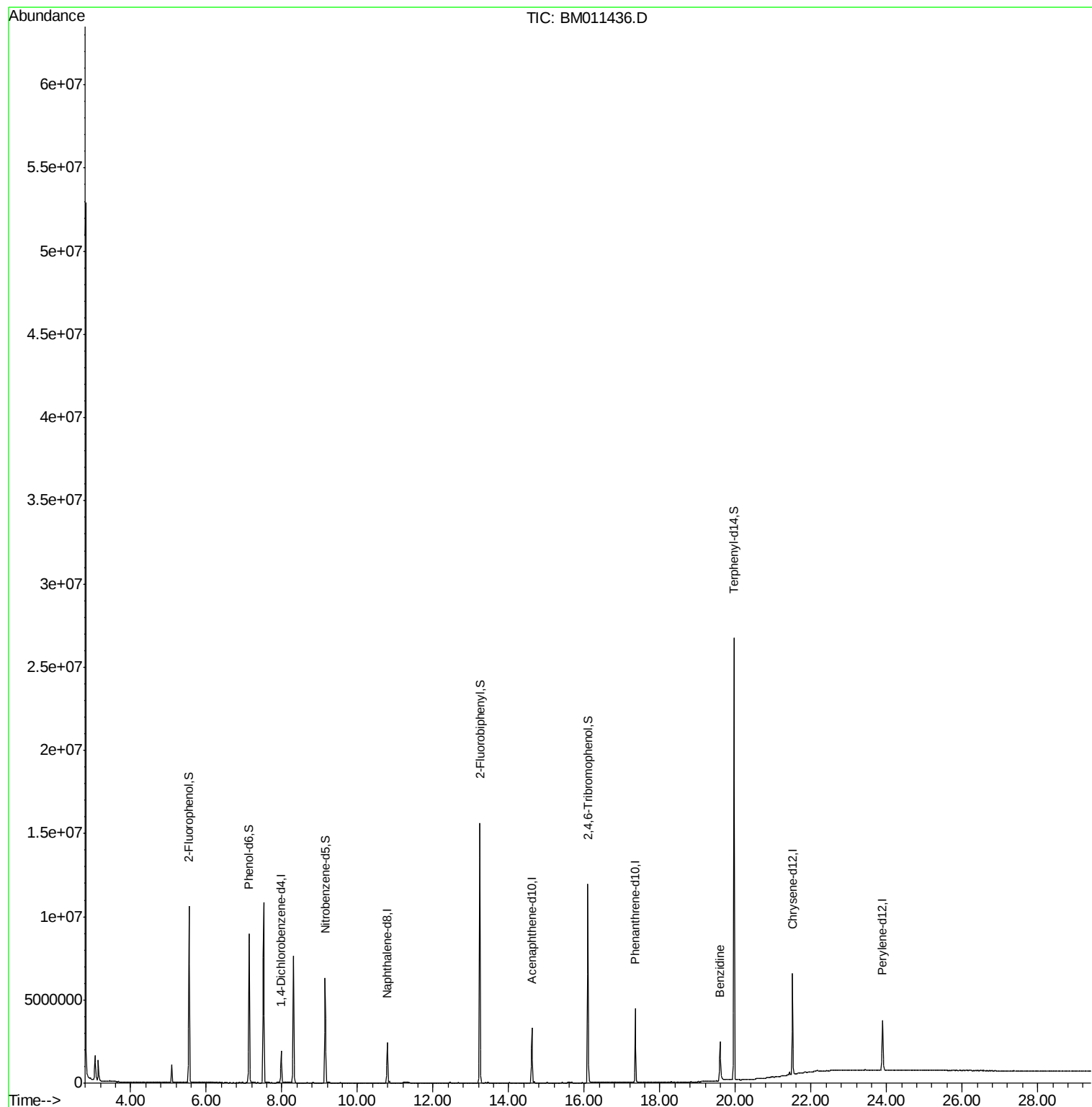
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	502010	20.00	ng	-0.01
21) Naphthalene-d8	10.79	136	2052198	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	1087775	20.00	ng	-0.01
63) Phenanthrene-d10	17.35	188	2429097	20.00	ng	-0.01
75) Chrysene-d12	21.51	240	2661878	20.00	ng	-0.02
86) Perylene-d12	23.89	264	2174323	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	4224275	141.64	ng	0.00
7) Phenol-d6	7.13	99	4893091	118.32	ng	0.00
23) Nitrobenzene-d5	9.15	82	3280794	105.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.10	330	1876769	149.13	ng	-0.01
44) 2-Fluorobiphenyl	13.24	172	7738020	102.54	ng	-0.01
78) Terphenyl-d14	19.96	244	10275666	95.78	ng	-0.01
Target Compounds						
76) Benzidine	19.59	184	1834167	34.912	ng	Qvalue 100

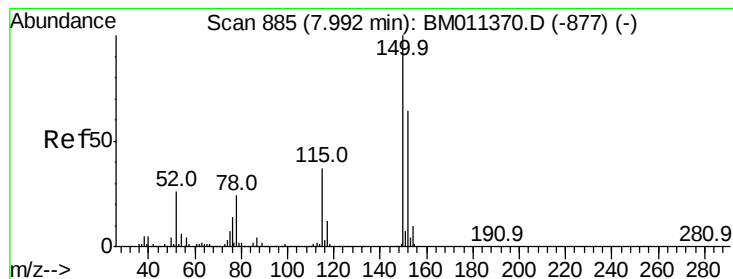
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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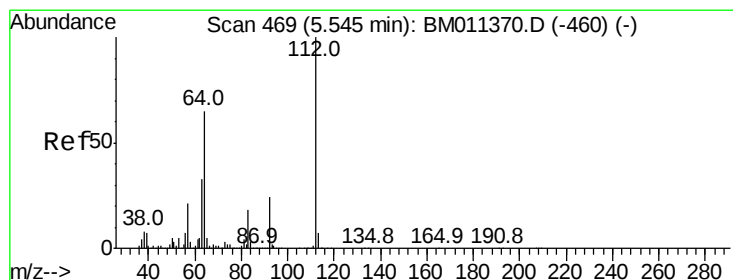
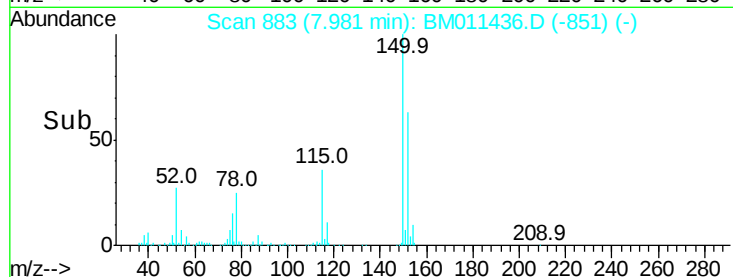
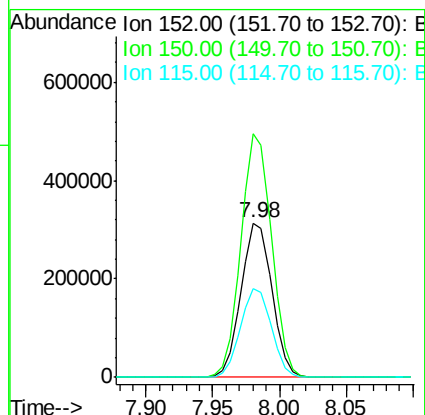
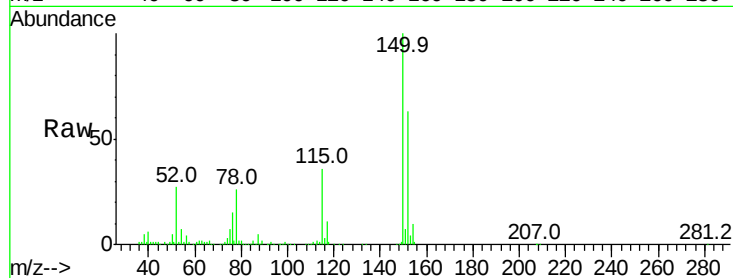


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BM011436.D
Acq: 05 Sep 2017 17:35

Instrument :
BNA_M
ClientSampleId :
72-11948

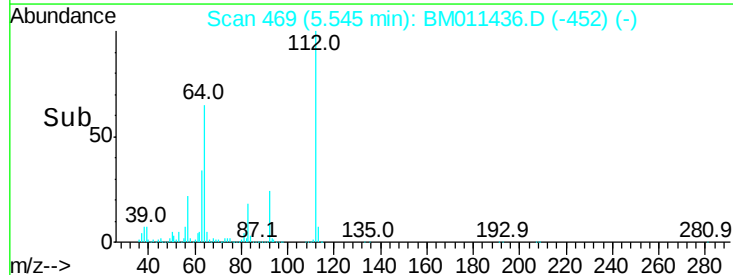
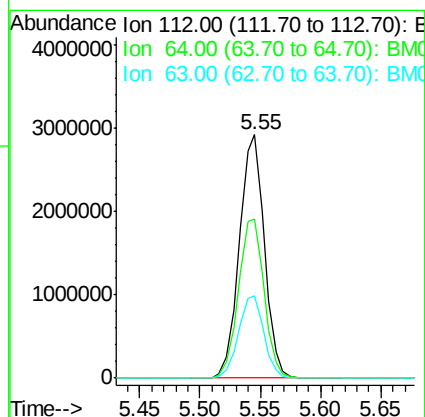
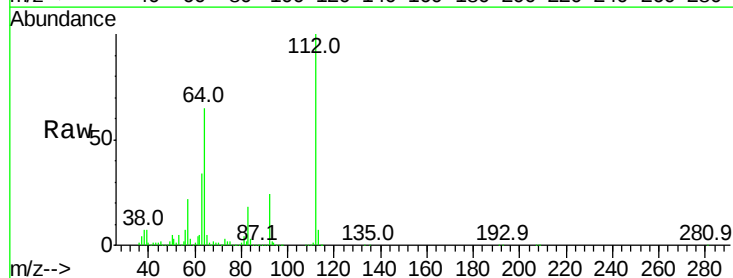
Tot Ion:152 Resp: 502010
Ion Ratio Lower Upper
152 100
150 158.0 119.5 179.3
115 57.3 43.0 64.4

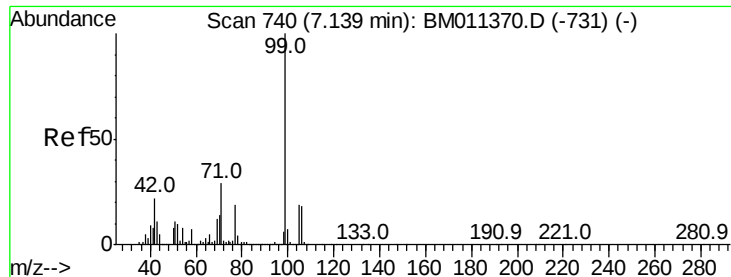


#5

2-Fluorophenol
Concen: 141.643 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011436.D
Acq: 05 Sep 2017 17:35

Tgt Ion:112 Resp: 4224275
Ion Ratio Lower Upper
112 100
64 65.4 38.6 57.8#
63 33.6 19.3 28.9#





#7

Phenol-d6

Concen: 118.323 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011436.D

Acq: 05 Sep 2017 17:35

Instrument :

BNA_M

ClientSampleId :

72-11948

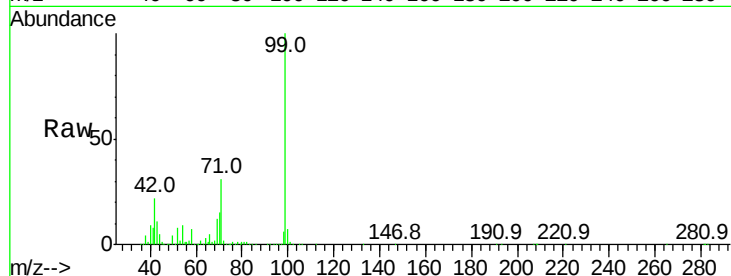
Tot Ion: 99 Resp: 4893091

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

71 30.6 23.4 35.2

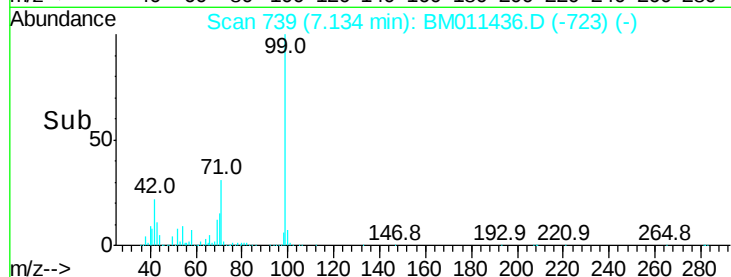


Abundance Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)

Time-->



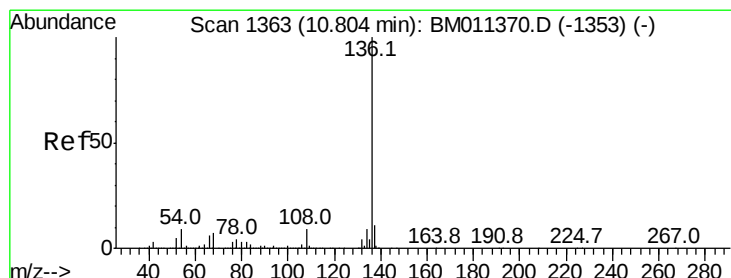
Abundance

Ion 99.00 (98.70 to 99.70): BM011370.D (-731) (-)

Ion 42.00 (41.70 to 42.70): BM011370.D (-731) (-)

Ion 71.00 (70.70 to 71.70): BM011370.D (-731) (-)

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.79 min Scan# 1361

Delta R.T. -0.01 min

Lab File: BM011436.D

Acq: 05 Sep 2017 17:35

Tgt Ion: 136 Resp: 2052198

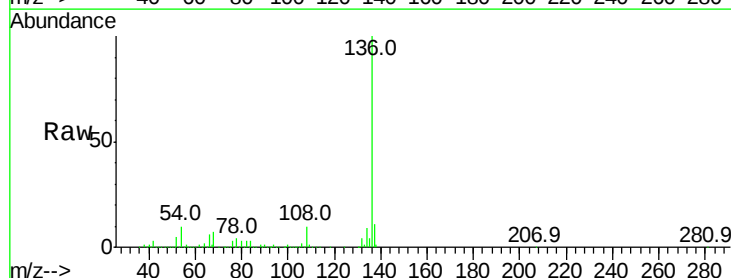
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 9.5 4.6 6.8#

68 7.5 3.7 5.5#



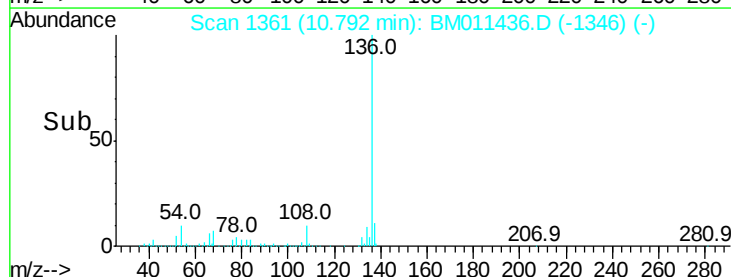
Abundance Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)

Time-->



Abundance

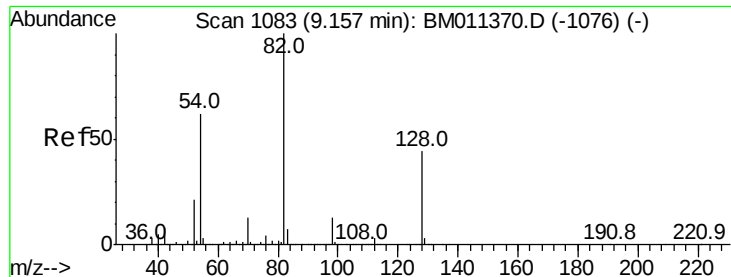
Ion 136.00 (135.70 to 136.70): BM011370.D (-1353) (-)

Ion 137.00 (136.70 to 137.70): BM011370.D (-1353) (-)

Ion 54.00 (53.70 to 54.70): BM011370.D (-1353) (-)

Ion 68.00 (67.70 to 68.70): BM011370.D (-1353) (-)

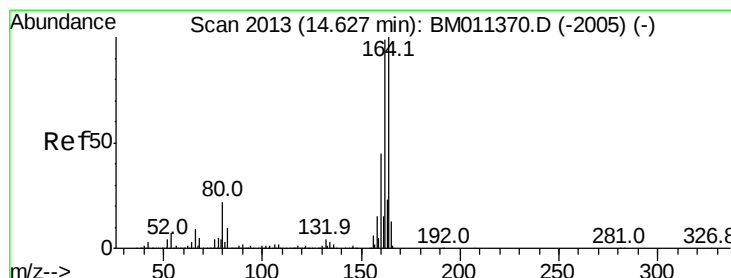
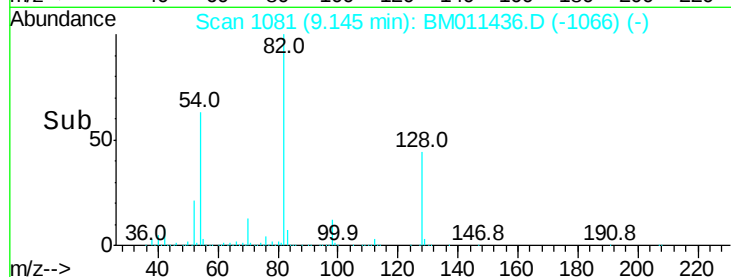
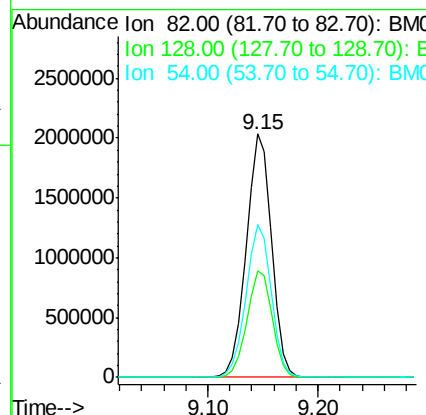
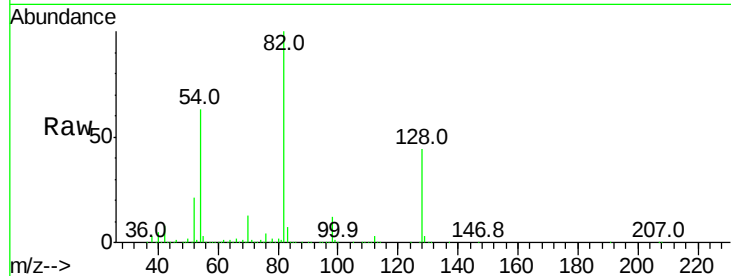
Time-->



#23
Nitrobenzene-d5
Concen: 105.350 ng
RT: 9.15 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BM011436.D
Acq: 05 Sep 2017 17:35

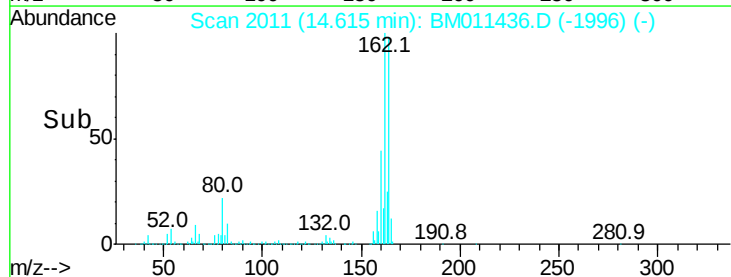
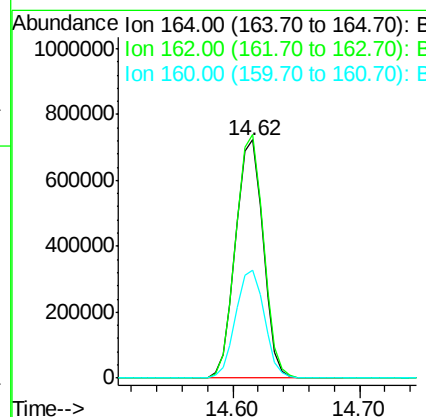
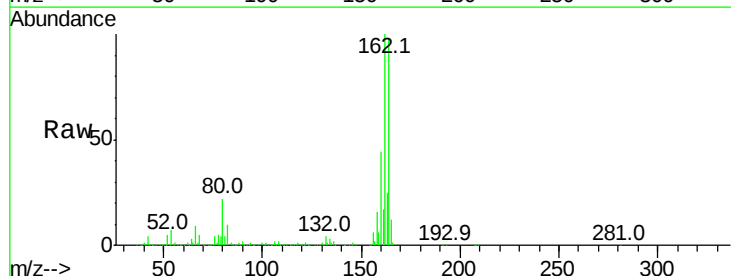
Instrument :
BNA_M
ClientSampled :
72-11948

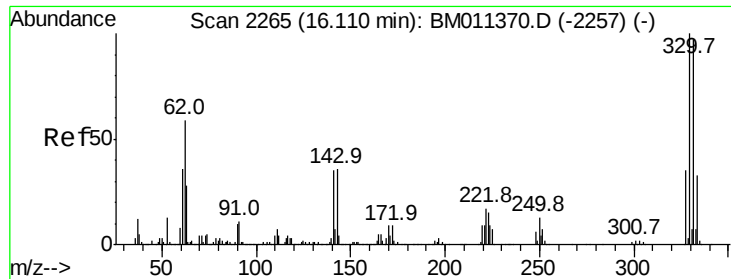
Tot Ion: 82 Resp: 3280794
Ion Ratio Lower Upper
82 100
128 43.7 32.8 49.2
54 62.7 40.6 60.8#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011436.D
Acq: 05 Sep 2017 17:35

Tgt Ion:164 Resp: 1087775
Ion Ratio Lower Upper
164 100
162 102.3 82.4 123.6
160 45.3 35.8 53.6

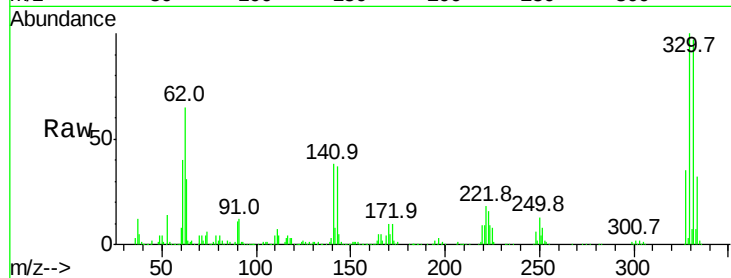




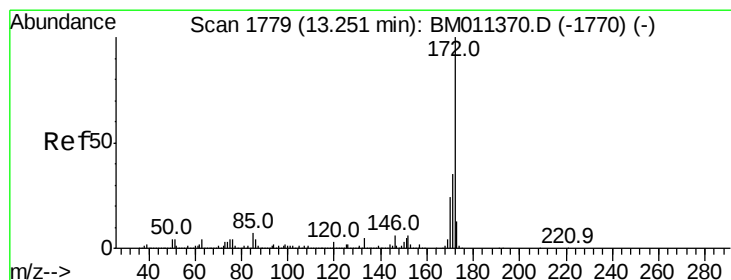
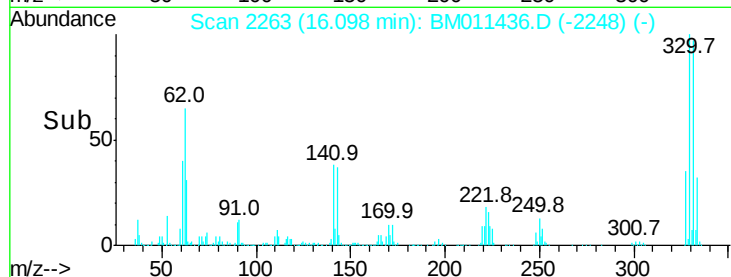
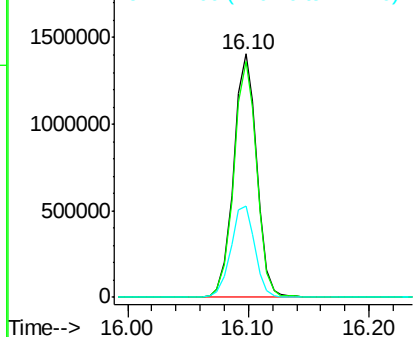
#41
 2,4,6-Tribromophenol
 Concen: 149.126 ng
 RT: 16.10 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BM011436.D
 Acq: 05 Sep 2017 17:35

Instrument :
 BNA_M
 ClientSampleId :
 72-11948

Tot Ion:330 Resp: 1876769
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 39.1 0.0 0.0#

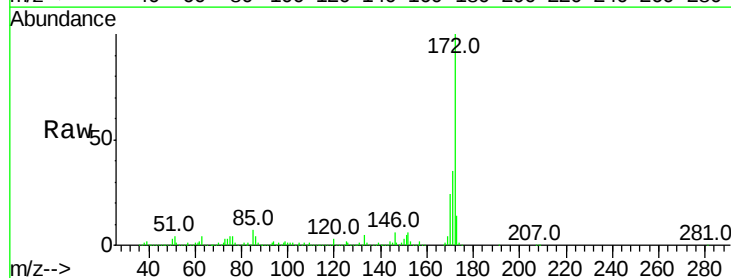


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

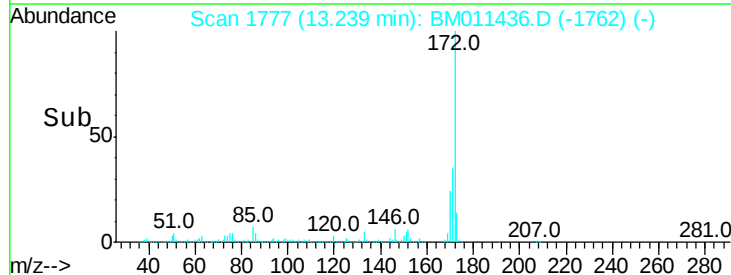
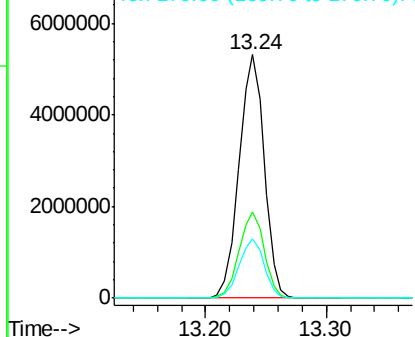


#44
 2-Fluorobiphenyl
 Concen: 102.541 ng
 RT: 13.24 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BM011436.D
 Acq: 05 Sep 2017 17:35

Tgt Ion:172 Resp: 7738020
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.5 42.7
 170 24.2 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

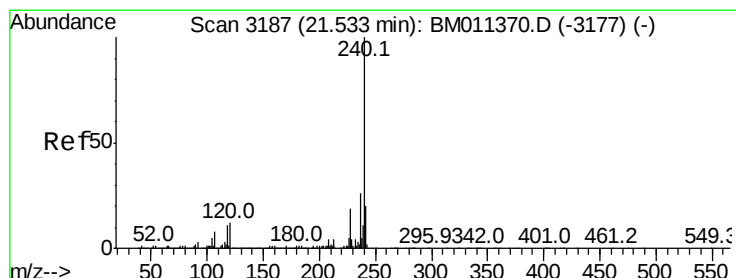
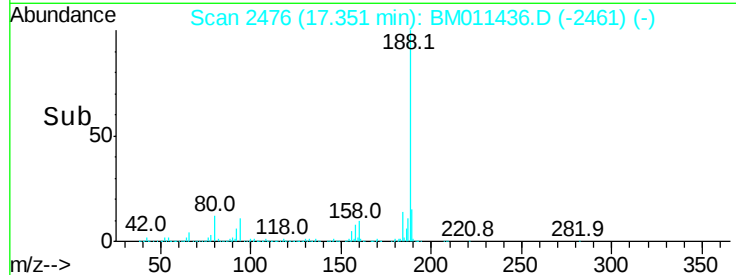
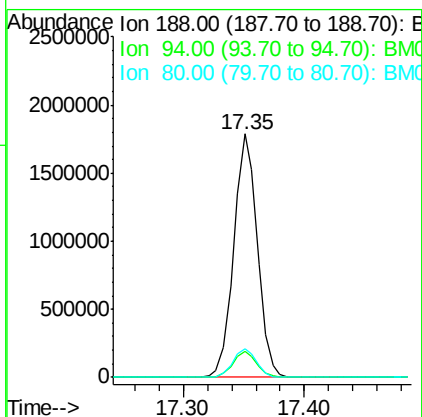
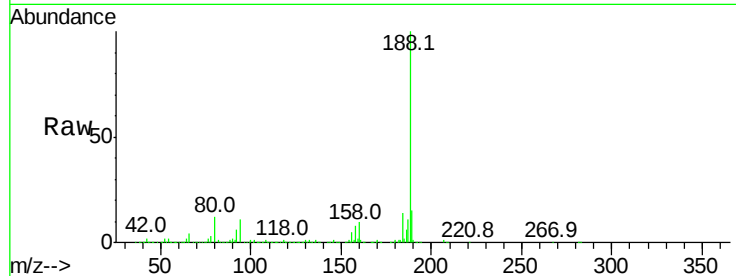




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.35 min Scan# 2476
Delta R.T. -0.01 min
Lab File: BM011436.D
Acq: 05 Sep 2017 17:35

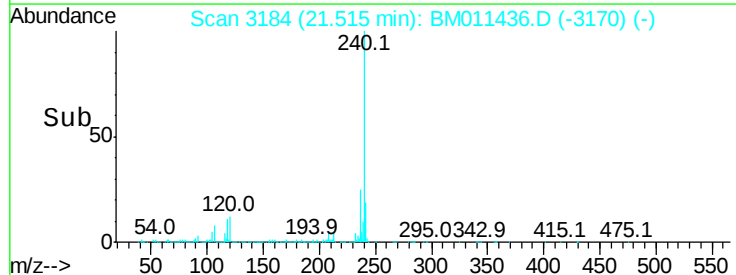
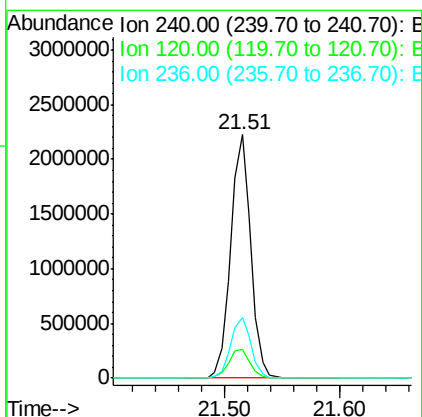
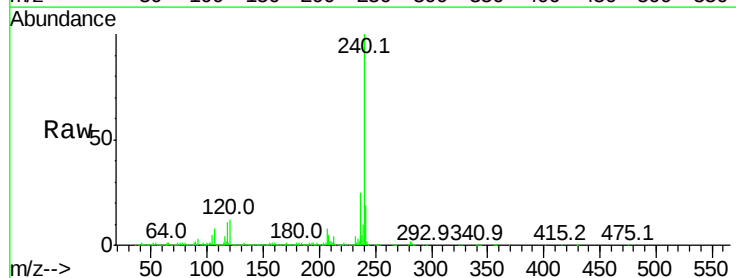
Instrument :
BNA_M
ClientSampleId :
72-11948

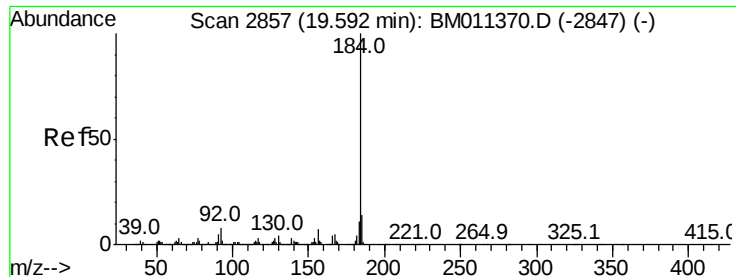
Tot Ion:188 Resp: 2429097
Ion Ratio Lower Upper
188 100
94 10.8 8.7 13.1
80 11.8 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.51 min Scan# 3184
Delta R.T. -0.02 min
Lab File: BM011436.D
Acq: 05 Sep 2017 17:35

Tgt Ion:240 Resp: 2661878
Ion Ratio Lower Upper
240 100
120 11.9 8.2 12.2
236 25.1 20.0 30.0





#76

Benzidine

Concen: 34.912 ng

RT: 19.59 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BM011436.D

Acq: 05 Sep 2017 17:35

Instrument :

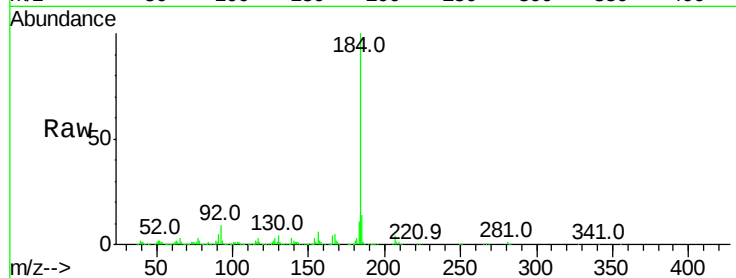
BNA_M

ClientSampleId :

72-11948

Tot Ion:184 Resp: 1834167

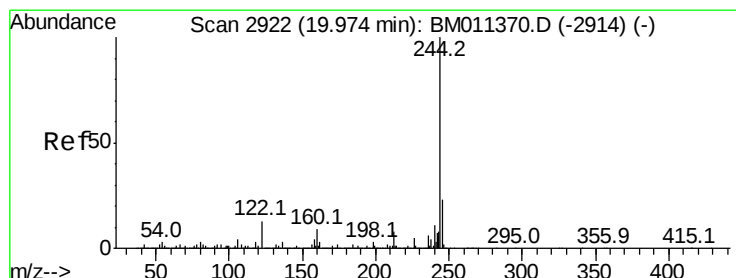
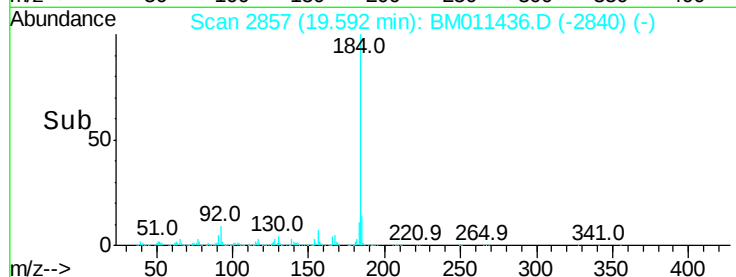
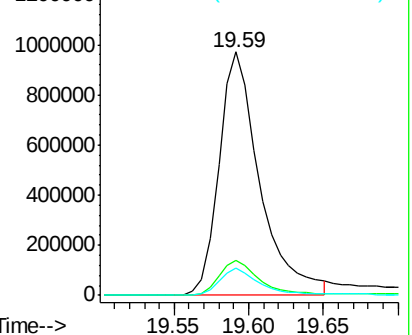
Ion	Ratio	Lower	Upper
184	100		
185	14.2	11.3	16.9
183	11.0	8.9	13.3



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: 95.783 ng

RT: 19.96 min Scan# 2920

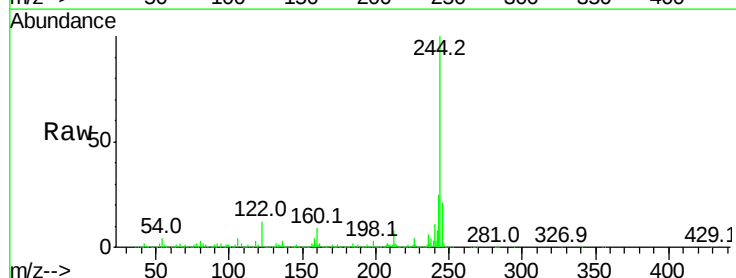
Delta R.T. -0.01 min

Lab File: BM011436.D

Acq: 05 Sep 2017 17:35

Tgt Ion:244 Resp:10275666

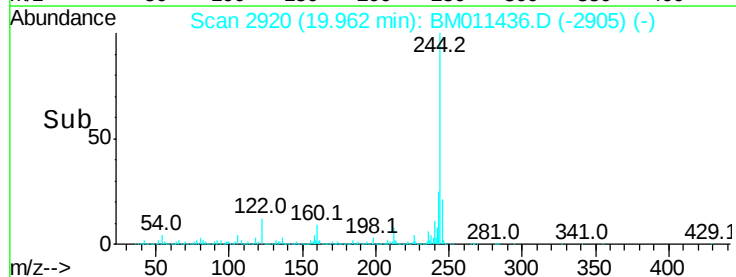
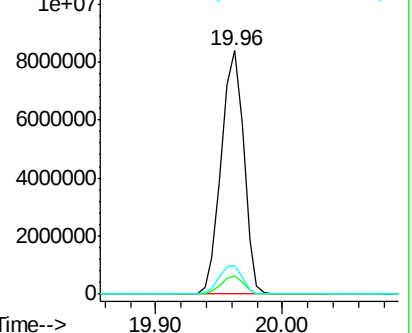
Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	12.0	6.2	9.4#

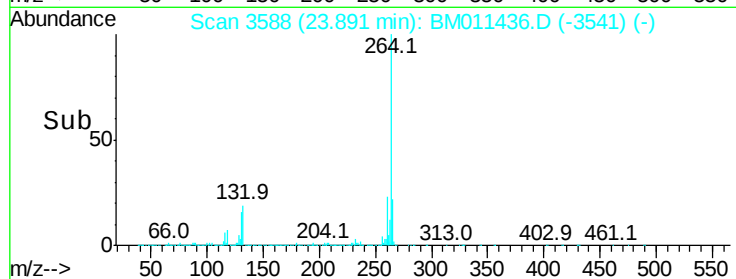
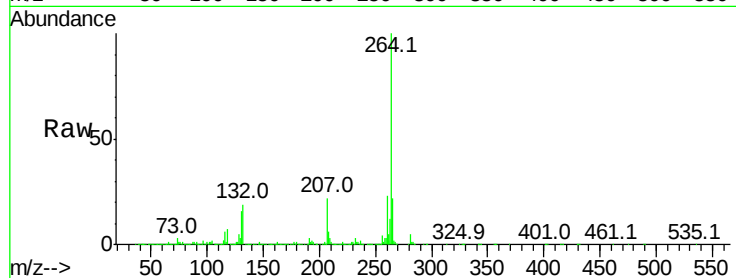
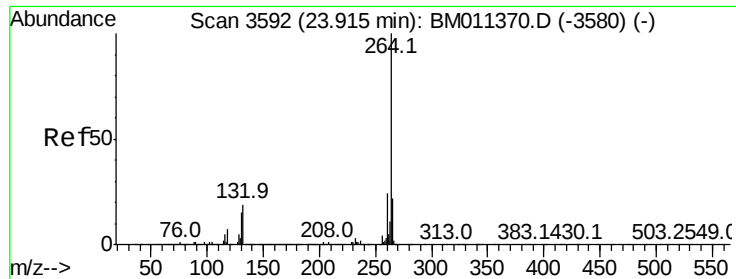


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.89 min Scan# 3588

Delta R.T. -0.02 min

Lab File: BM011436.D

Acq: 05 Sep 2017 17:35

Instrument :

BNA_M

ClientSampleId :

72-11948

Tot Ion:264 Resp: 2174323

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 22.0 17.3 25.9

