

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120517\
 Data File : BF101136.D
 Acq On : 5 Dec 2017 20:36
 Operator : SJ/JU
 Sample : I6709-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-5(10-15)

Quant Time: Dec 06 02:44:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

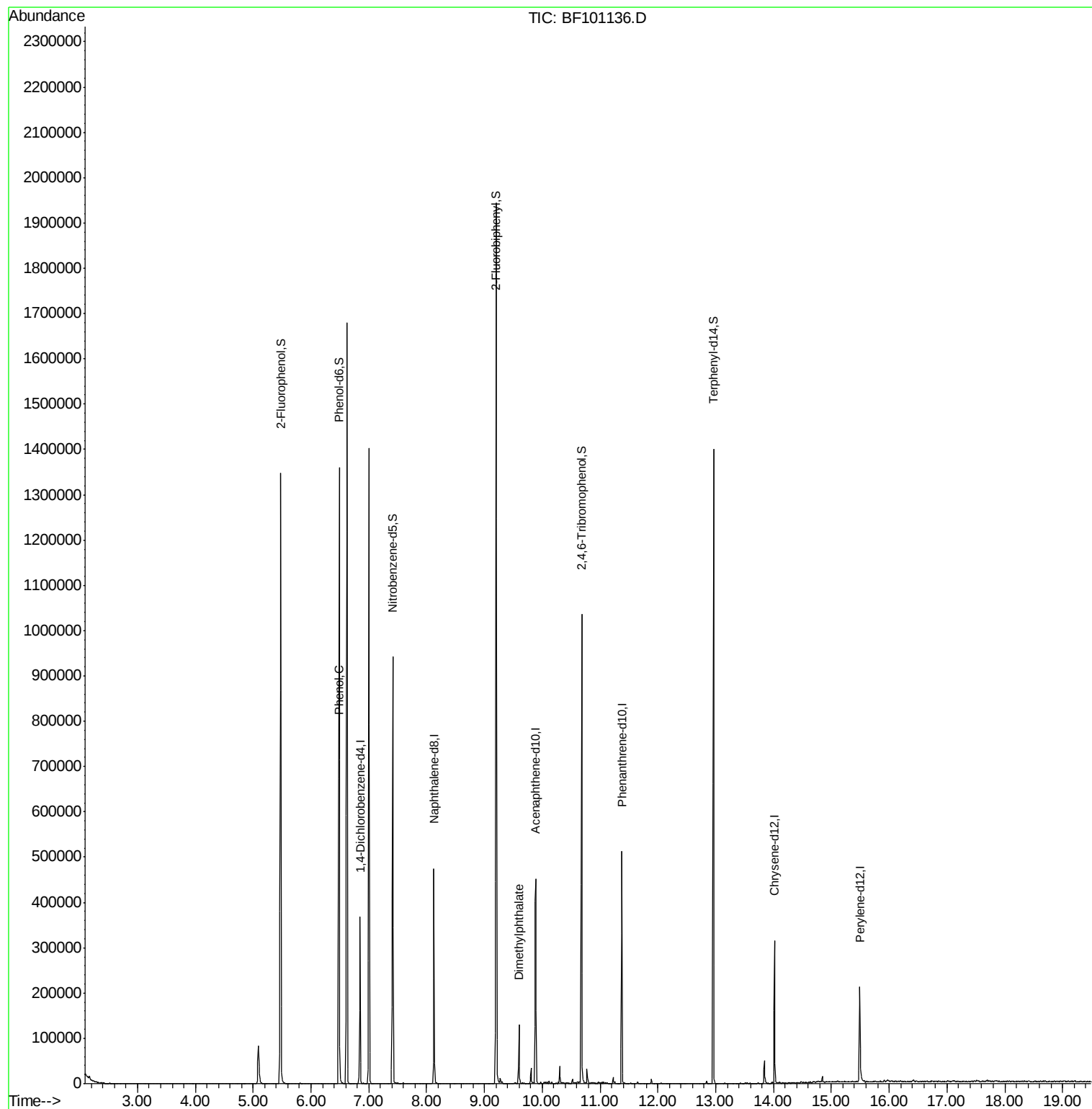
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52732	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	205074	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	93926	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	173441	20.00	ng	0.00
75) Chrysene-d12	14.02	240	107418	20.00	ng	0.00
86) Perylene-d12	15.49	264	111934	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	429722	134.66	ng	0.02
7) Phenol-d6	6.49	99	522545	134.87	ng	0.00
23) Nitrobenzene-d5	7.42	82	318361	92.61	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	138519	122.77	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	645366	94.01	ng	0.00
78) Terphenyl-d14	12.96	244	522191	106.33	ng	0.00
Target Compounds						
10) Phenol	6.50	94	12340	2.864	ng	96
49) Dimethylphthalate	9.60	163	60313	7.962	ng	# 99

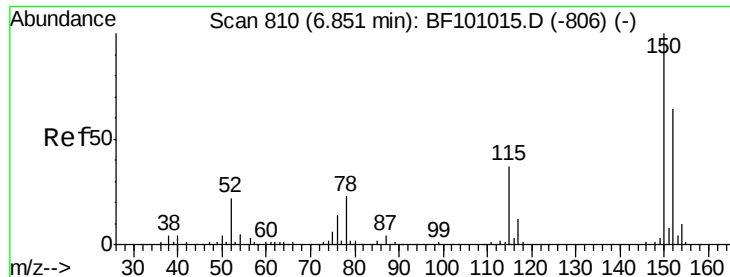
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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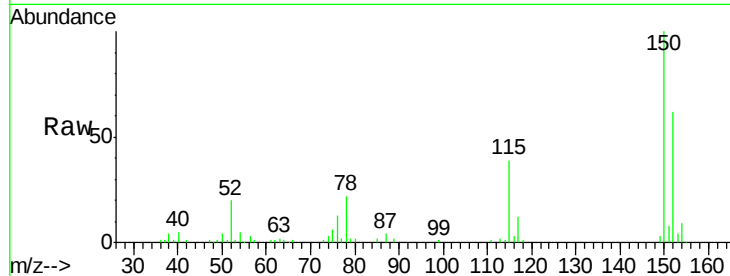


#1

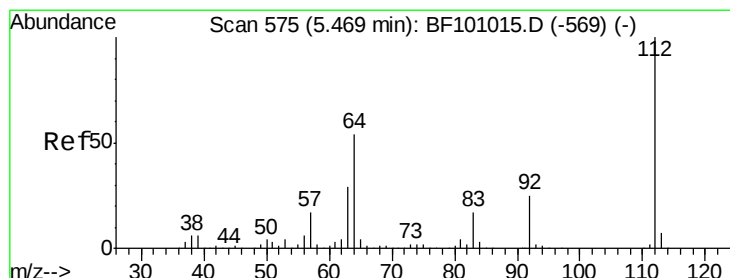
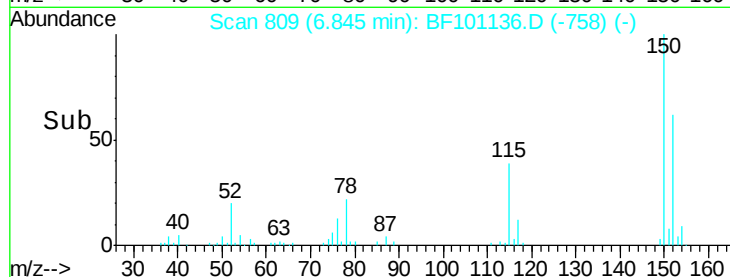
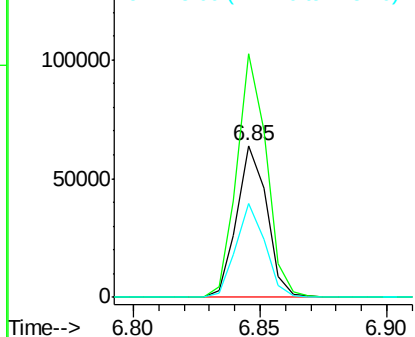
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-5(10-15)

Tot Ion:152 Resp: 52732
 Ion Ratio Lower Upper
 152 100
 150 160.6 124.6 186.8
 115 62.1 50.1 75.1



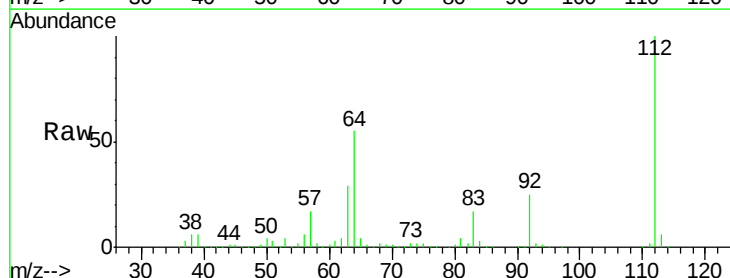
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



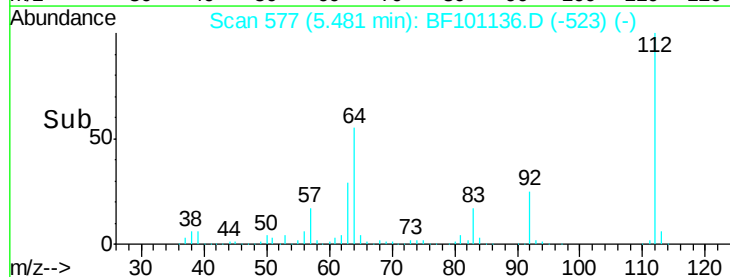
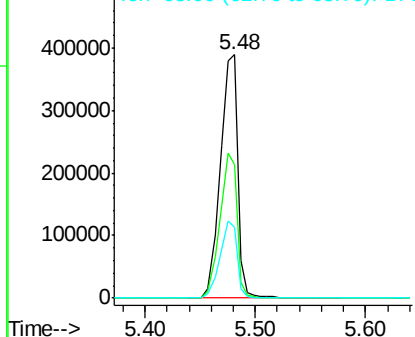
#5

2-Fluorophenol
 Concen: 134.660 ng
 RT: 5.48 min Scan# 577
 Delta R.T. 0.02 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Tgt Ion:112 Resp: 429722
 Ion Ratio Lower Upper
 112 100
 64 54.8 47.9 71.9
 63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 134.872 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101136.D

Acq: 5 Dec 2017 20:36

Instrument :

BNA_F

ClientSampleId :

ENV-105-5(10-15)

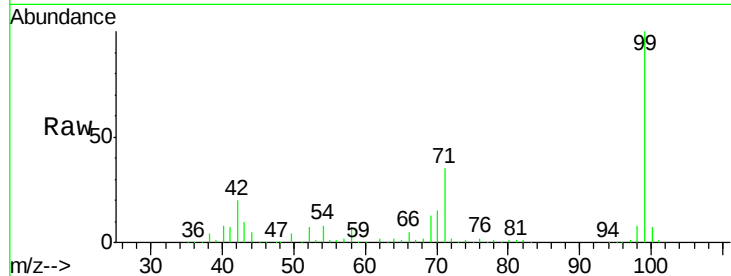
Tot Ion: 99 Resp: 522545

Ion Ratio Lower Upper

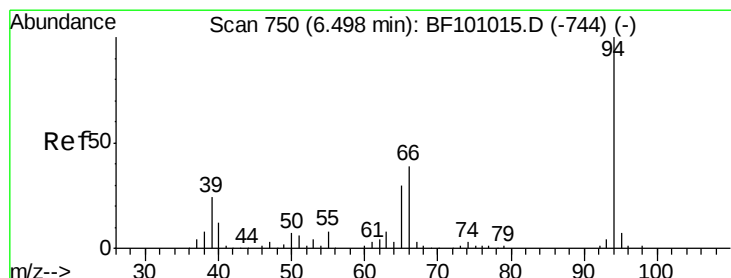
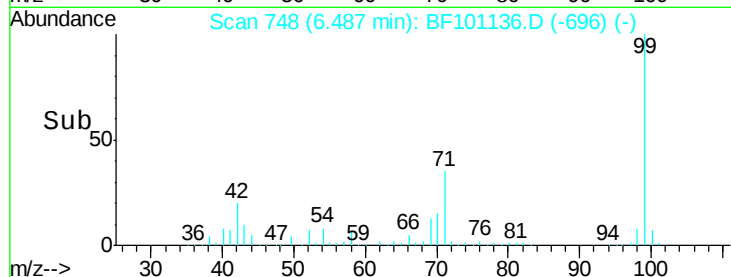
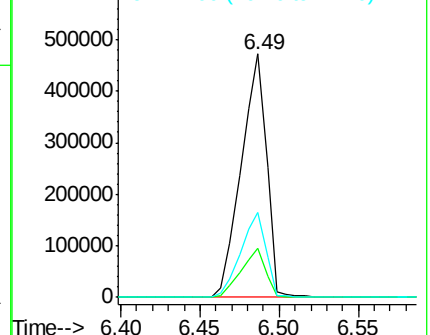
99 100

42 20.2 14.5 21.7

71 35.1 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.864 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF101136.D

Acq: 5 Dec 2017 20:36

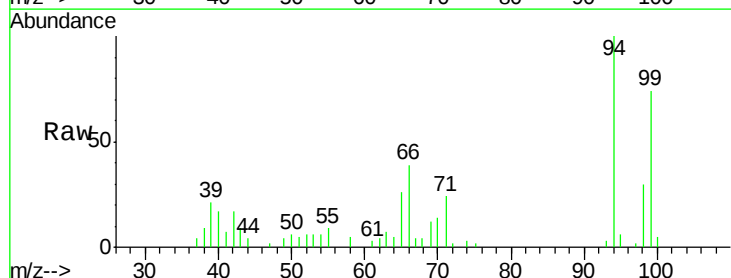
Tgt Ion: 94 Resp: 12340

Ion Ratio Lower Upper

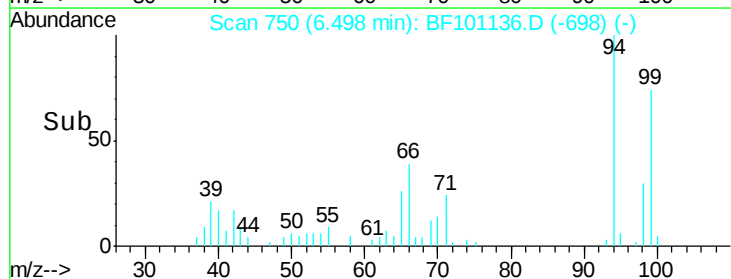
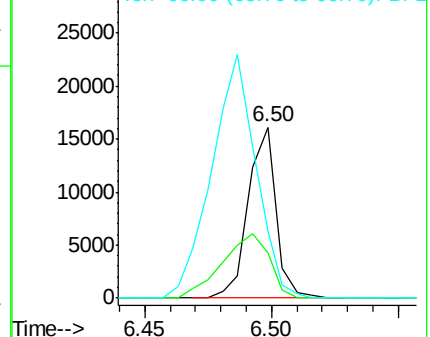
94 100

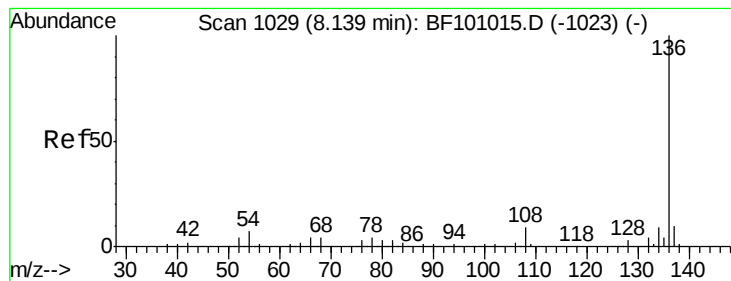
65 26.3 7.9 47.9

66 39.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101136.D

Acq: 5 Dec 2017 20:36

Instrument :

BNA_F

ClientSampleId :

ENV-105-5(10-15)

Tot Ion:136 Resp: 205074

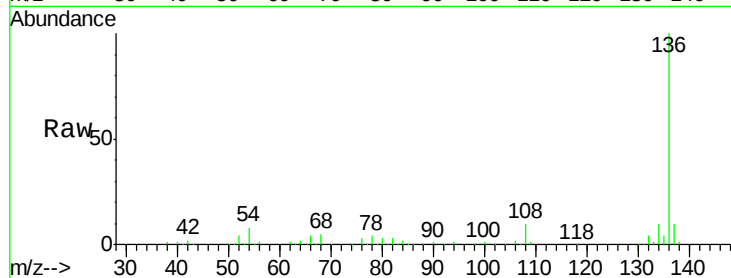
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 8.1 6.6 9.8

68 4.6 5.0 7.4#

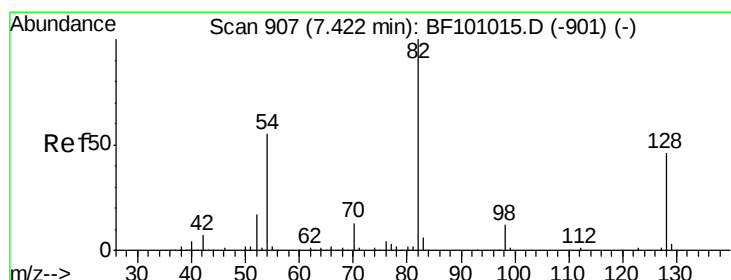
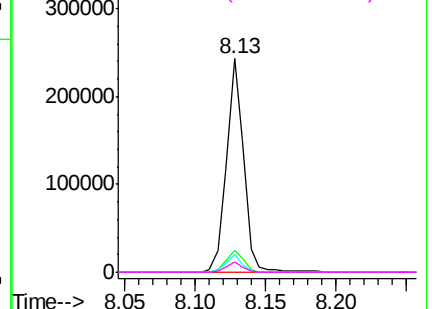
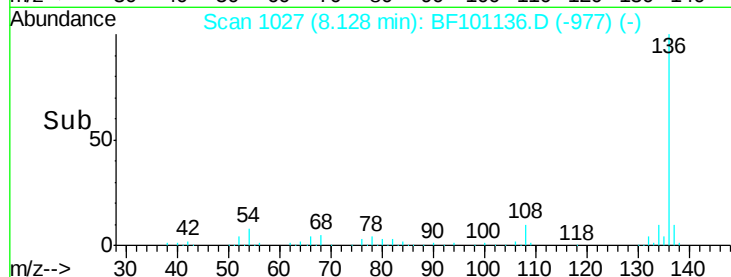


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 92.607 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF101136.D

Acq: 5 Dec 2017 20:36

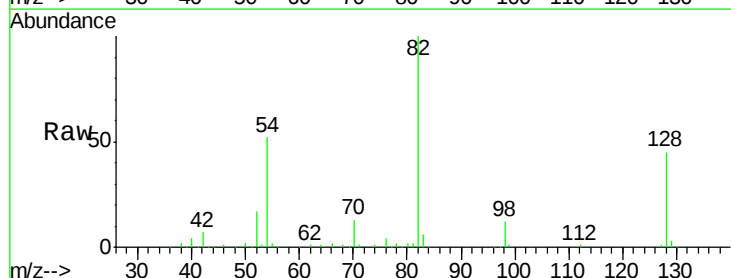
Tgt Ion: 82 Resp: 318361

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

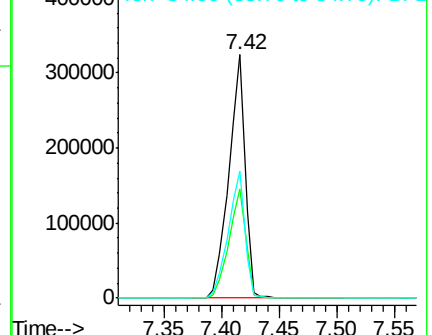
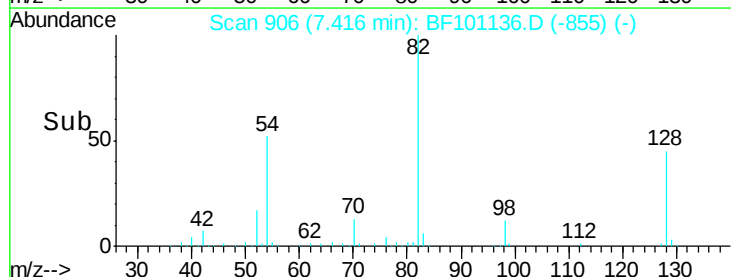
54 52.4 41.4 62.2

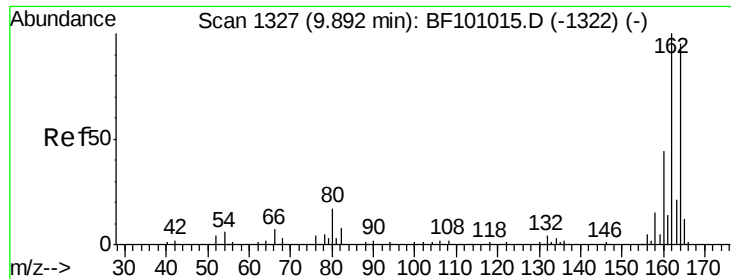


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF101136.D

Acq: 5 Dec 2017 20:36

Instrument :

BNA_F

ClientSampleId :

ENV-105-5(10-15)

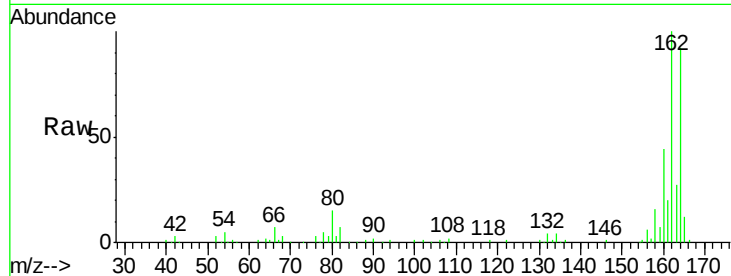
Tot Ion:164 Resp: 93926

Ion Ratio Lower Upper

164 100

162 109.0 86.1 129.1

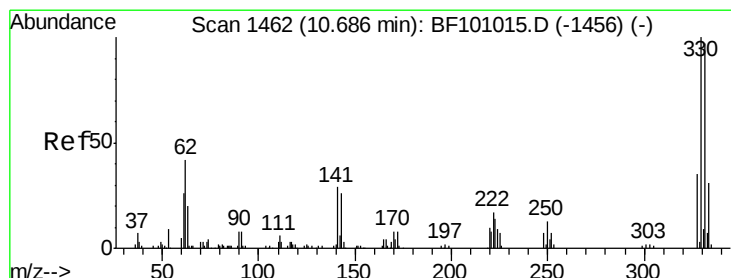
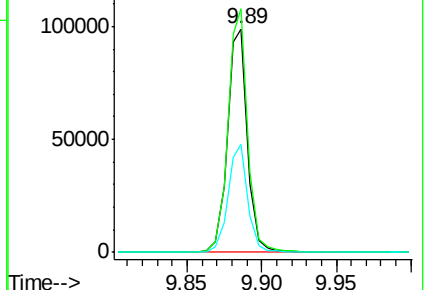
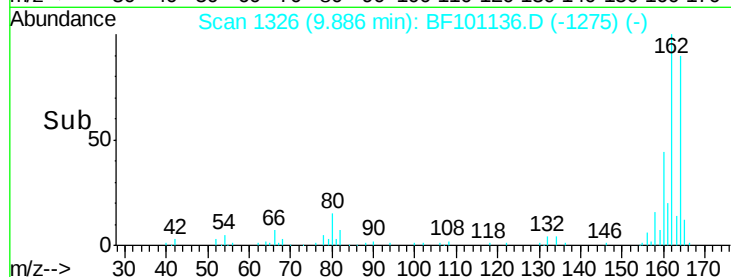
160 48.5 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 122.766 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.00 min

Lab File: BF101136.D

Acq: 5 Dec 2017 20:36

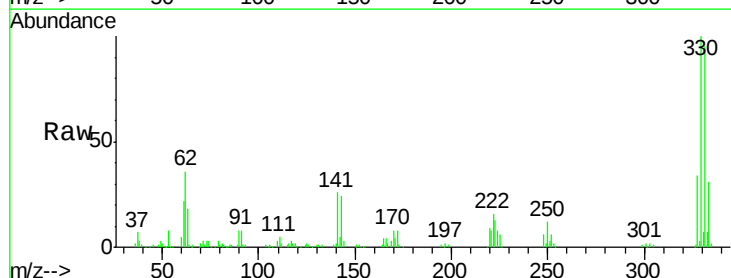
Tgt Ion:330 Resp: 138519

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

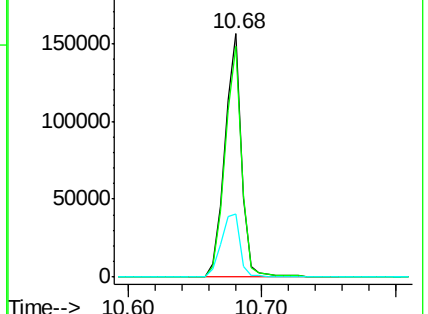
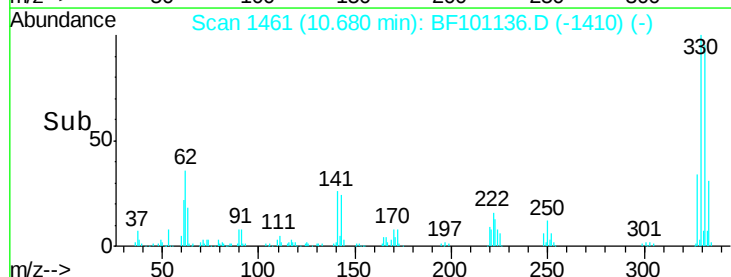
141 29.6 29.9 44.9#

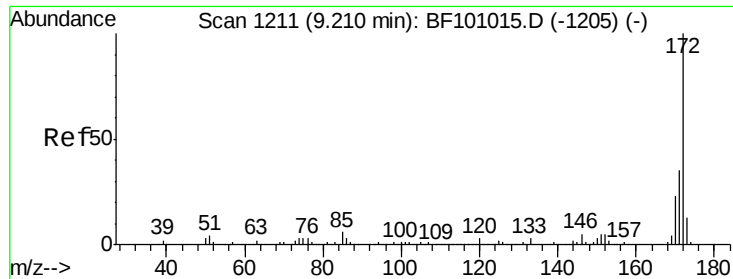


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

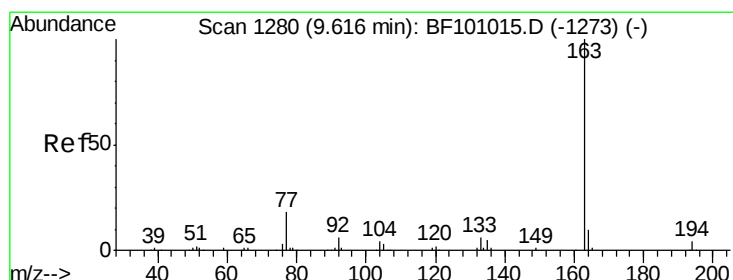
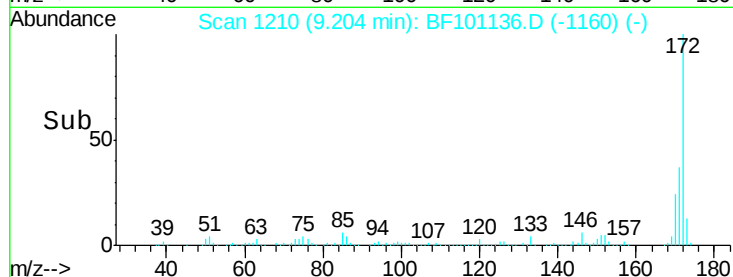
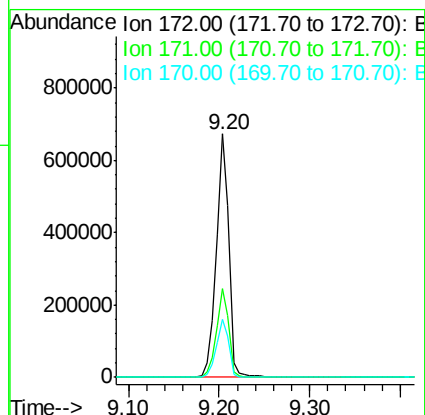
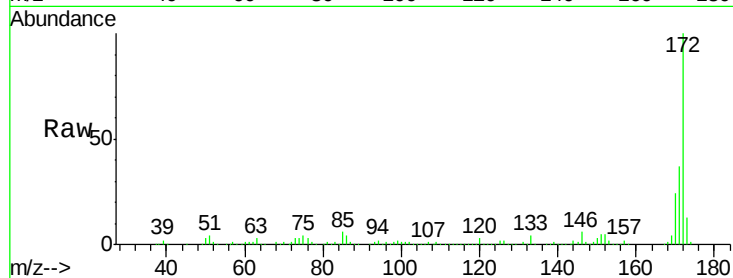




#44
2-Fluorobiphenyl
Concen: 94.009 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF101136.D
Acq: 5 Dec 2017 20:36

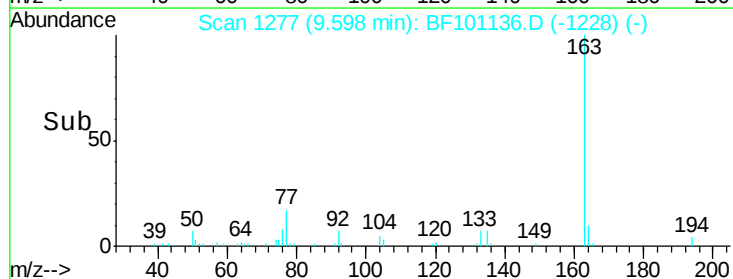
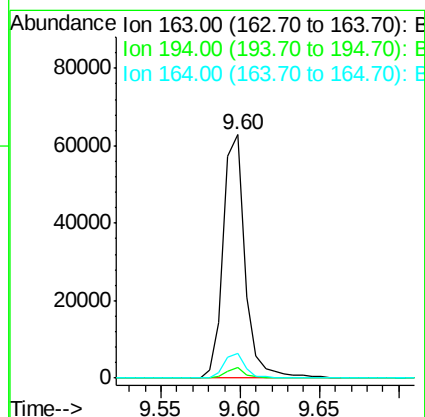
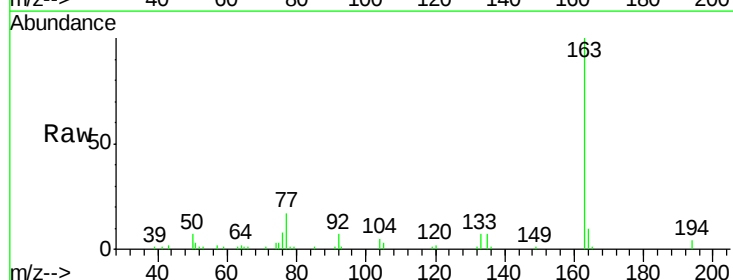
Instrument :
BNA_F
ClientSampleId :
ENV-105-5(10-15)

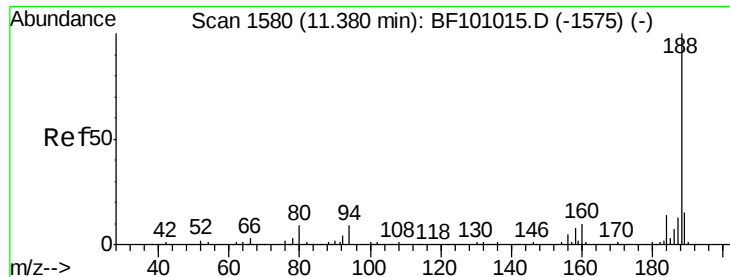
Tot Ion:172 Resp: 645366
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.0 19.6 29.4



#49
Dimethylphthalate
Concen: 7.962 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF101136.D
Acq: 5 Dec 2017 20:36

Tgt Ion:163 Resp: 60313
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.2 8.2 12.2

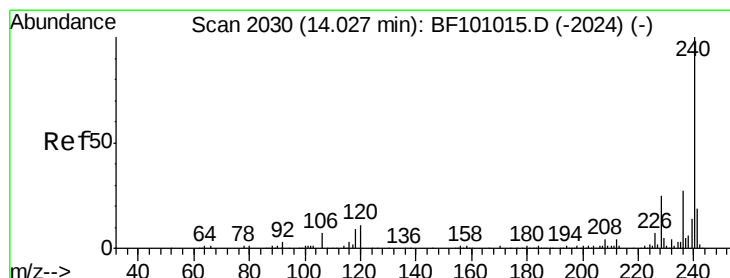
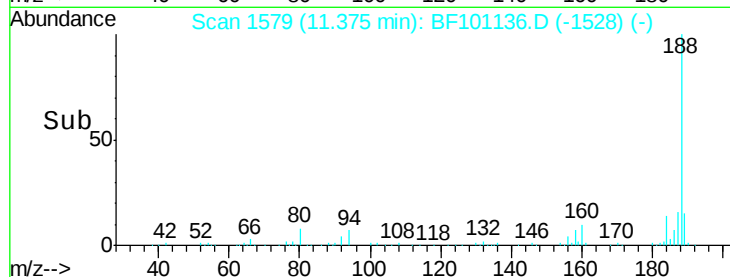
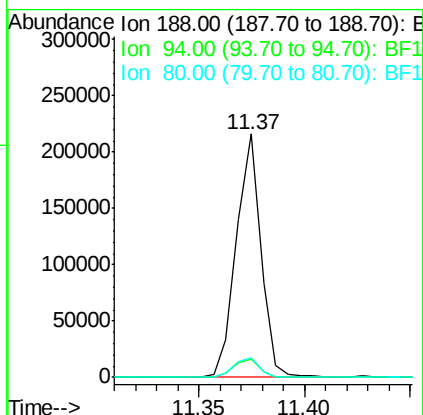
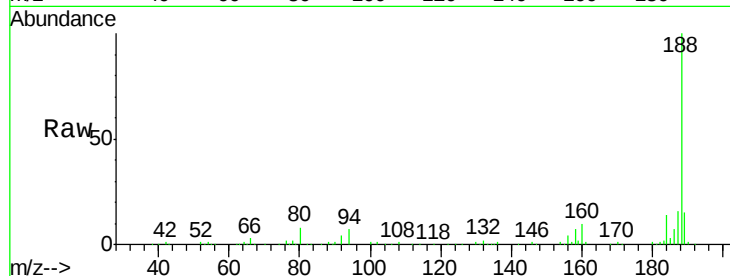




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.00 min
Lab File: BF101136.D
Acq: 5 Dec 2017 20:36

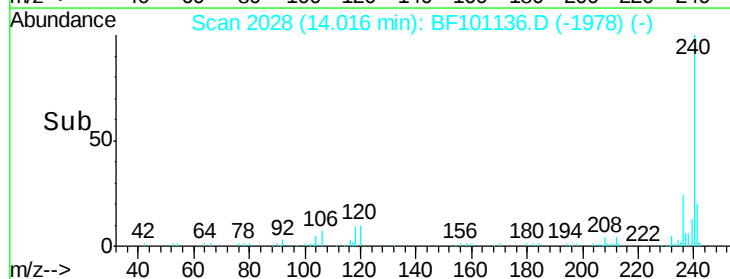
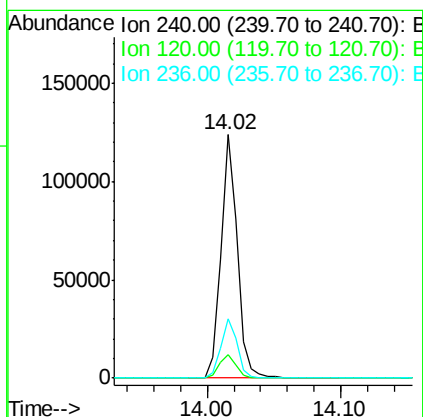
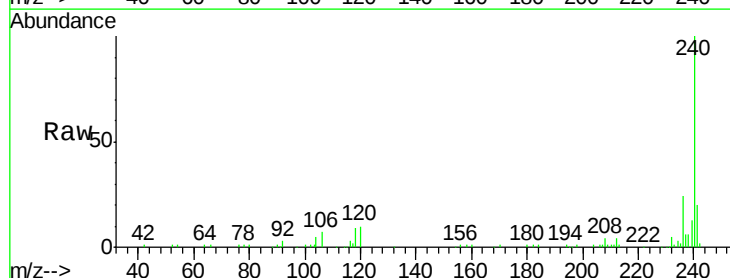
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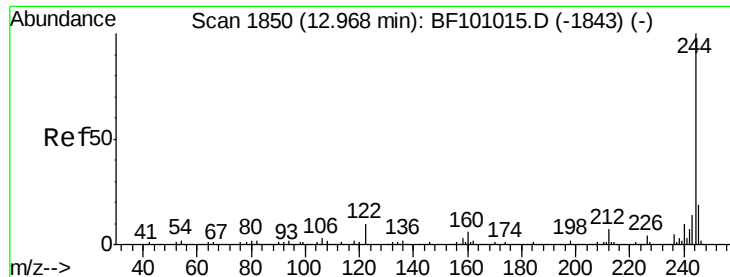
Tot Ion:188 Resp: 173441
Ion Ratio Lower Upper
188 100
94 7.4 8.5 12.7#
80 8.3 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101136.D
Acq: 5 Dec 2017 20:36

Tgt Ion:240 Resp: 107418
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 24.2 20.7 31.1

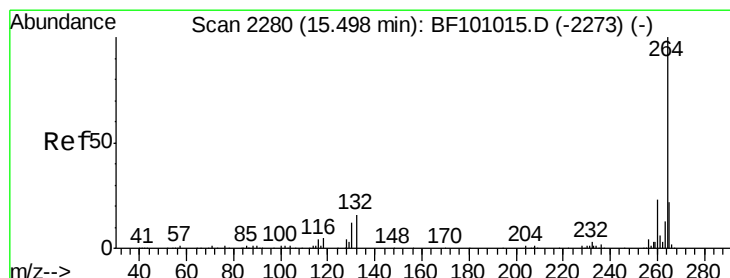
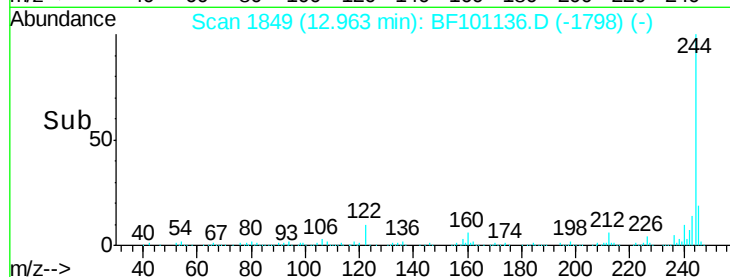
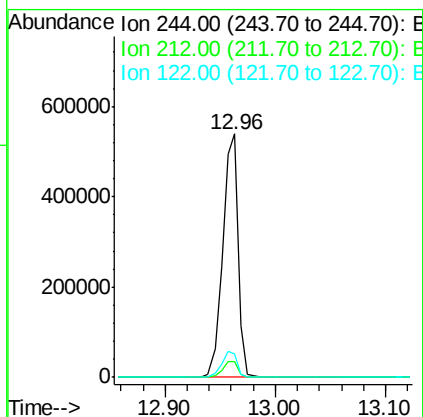
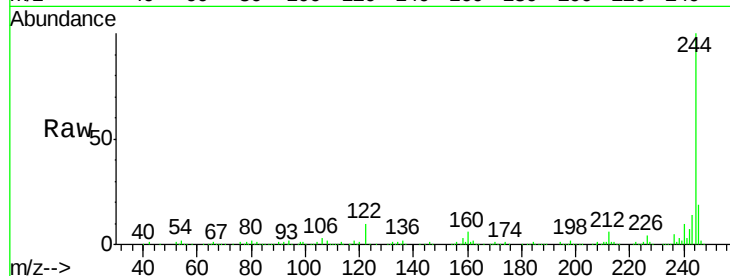




#78
 Terphenyl-d14
 Concen: 106.329 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Instrument :
 BNA_F
 ClientSampleId :
 ENV-105-5(10-15)

Tot Ion:244 Resp: 522191
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.7 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101136.D
 Acq: 5 Dec 2017 20:36

Tgt Ion:264 Resp: 111934
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.2 28.8
 265 20.7 17.5 26.3

