

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
 Data File : BF101826.D
 Acq On : 29 Dec 2017 13:54
 Operator : SJ/JU
 Sample : I7040-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Dec 29 15:14:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

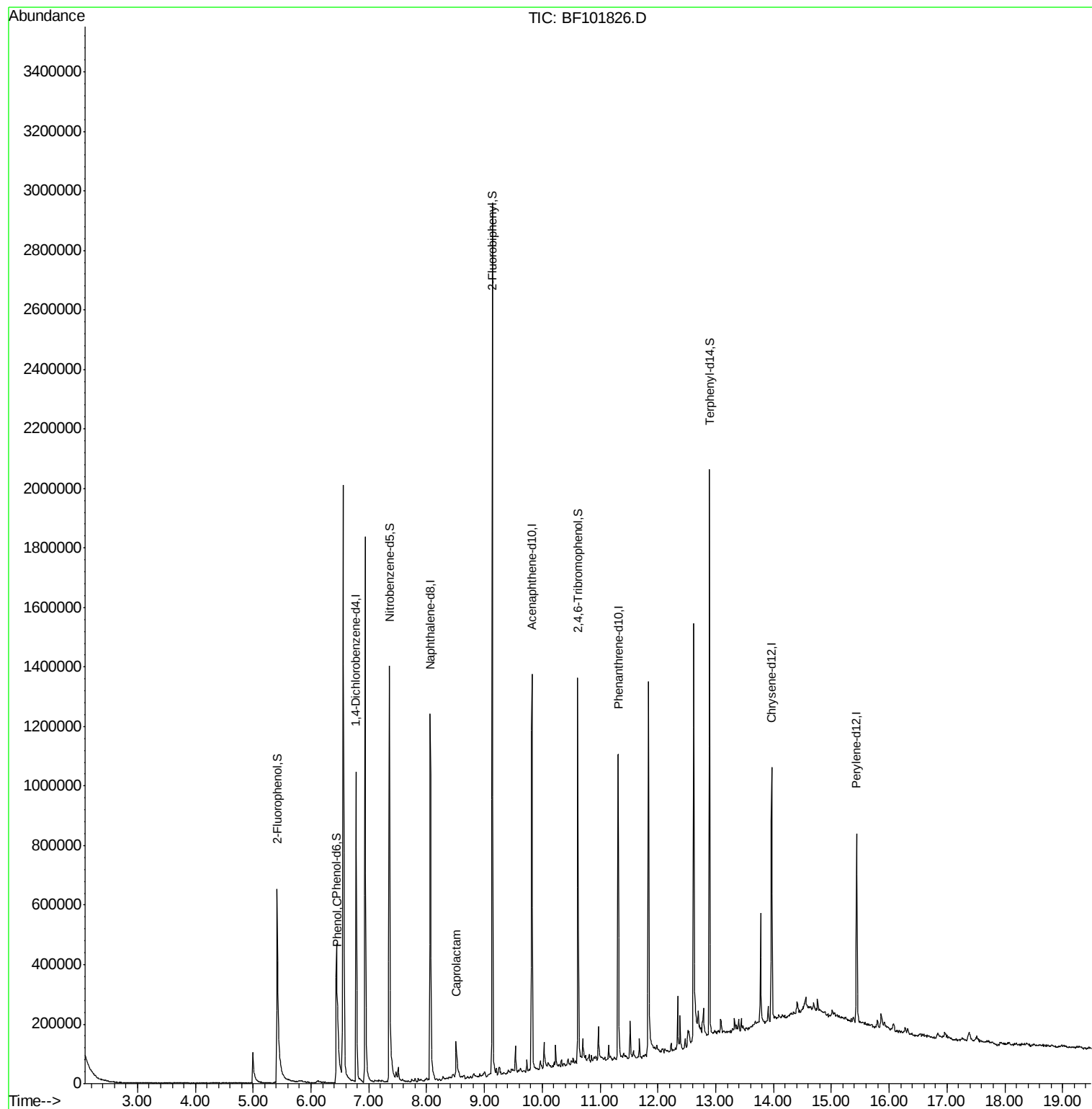
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	169518	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	649898	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	265111	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	416297	20.00	ng	0.00
75) Chrysene-d12	13.97	240	301255	20.00	ng	0.00
86) Perylene-d12	15.44	264	315152	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	385997	33.92	ng	0.00
7) Phenol-d6	6.44	99	303263	21.41	ng	0.00
23) Nitrobenzene-d5	7.36	82	604152	51.75	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	176111	68.94	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	960941	56.23	ng	0.00
78) Terphenyl-d14	12.89	244	654291	52.36	ng	0.00
Target Compounds						
10) Phenol	6.46	94	86022	5.329	ng	93
35) Caprolactam	8.51	113	20761	6.417	ng	# 82

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122917\
Data File : BF101826.D
Acq On : 29 Dec 2017 13:54
Operator : SJ/JU
Sample : I7040-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-5

Quant Time: Dec 29 15:14:33 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration



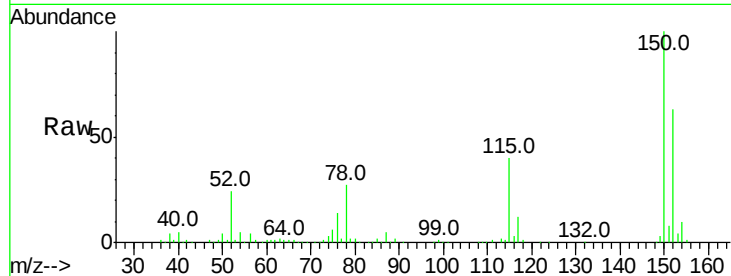


#1

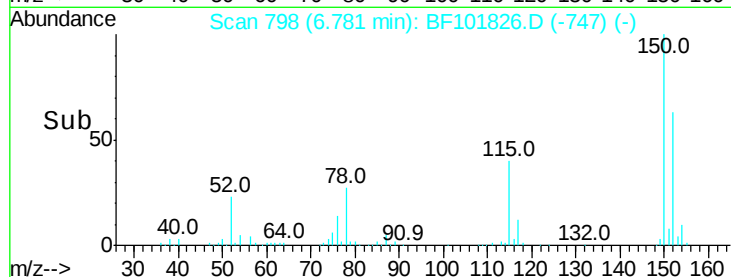
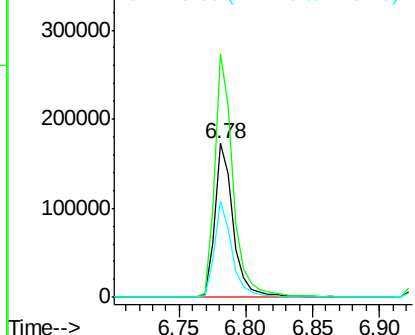
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF101826.D
 Acq: 29 Dec 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:152 Resp: 169518
 Ion Ratio Lower Upper
 152 100
 150 158.1 124.6 186.8
 115 62.8 50.1 75.1



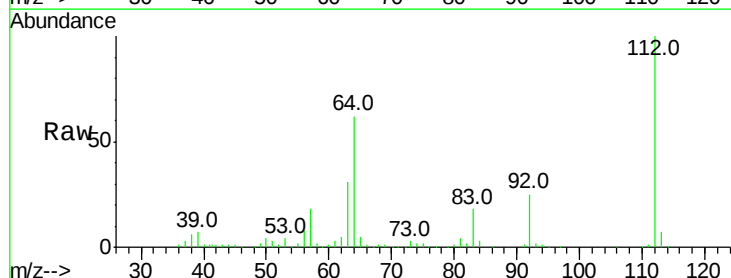
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



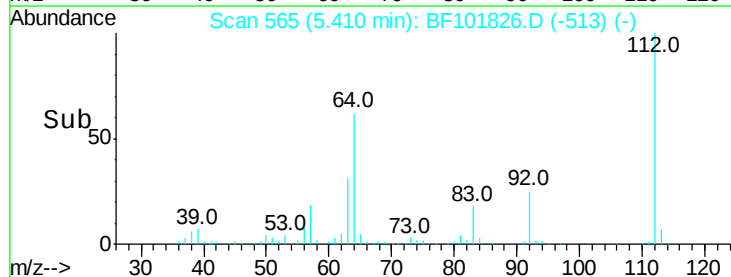
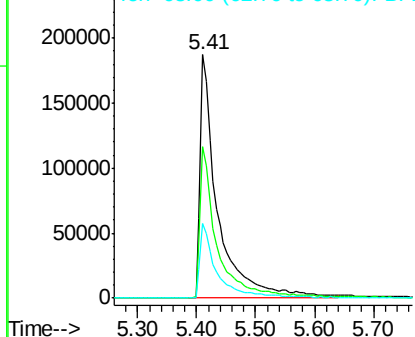
#5

2-Fluorophenol
 Concen: 33.918 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.01 min
 Lab File: BF101826.D
 Acq: 29 Dec 2017 13:54

Tgt Ion:112 Resp: 385997
 Ion Ratio Lower Upper
 112 100
 64 62.4 47.9 71.9
 63 30.7 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: 21.412 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF101826.D

Acq: 29 Dec 2017 13:54

Instrument :

BNA_F

ClientSampleId :

MW-5

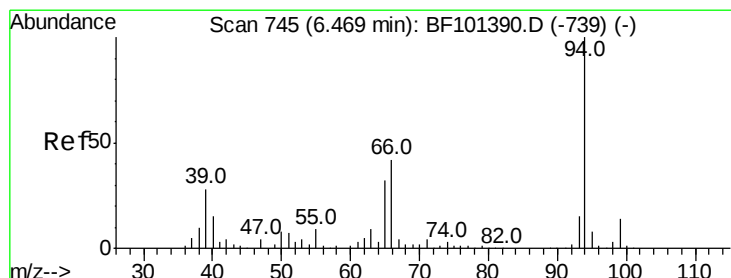
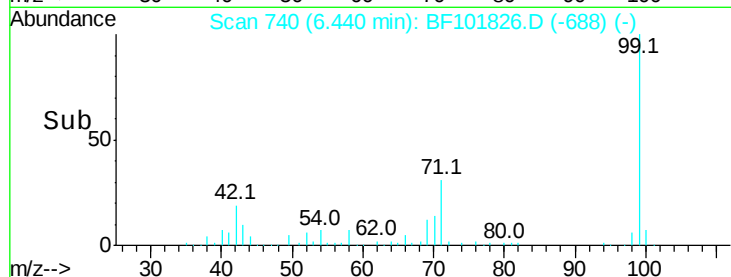
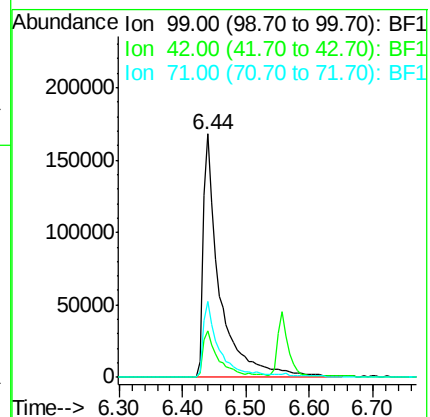
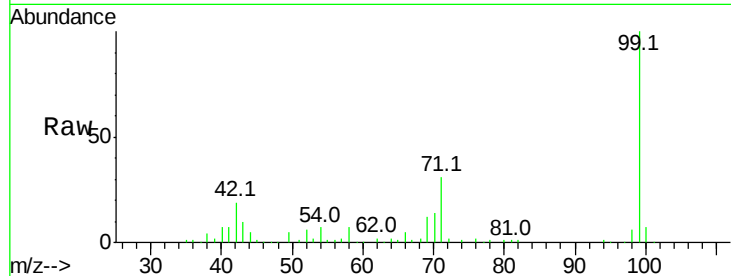
Tot Ion: 99 Resp: 303263

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 30.9 25.4 38.0



#10

Phenol

Concen: 5.329 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101826.D

Acq: 29 Dec 2017 13:54

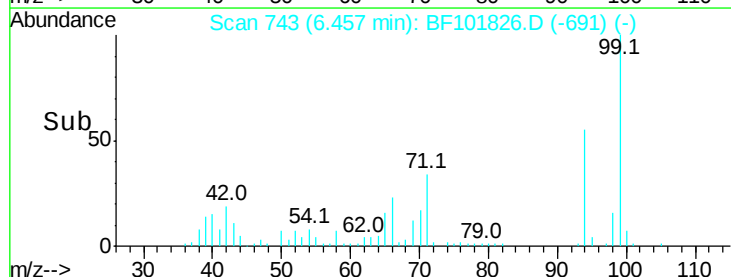
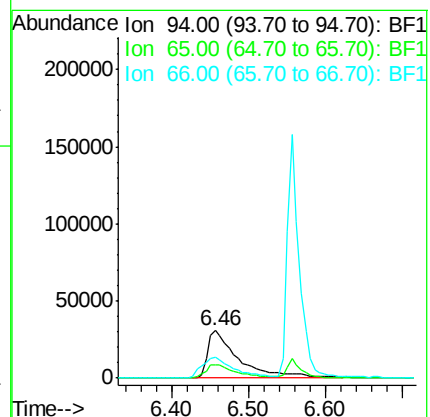
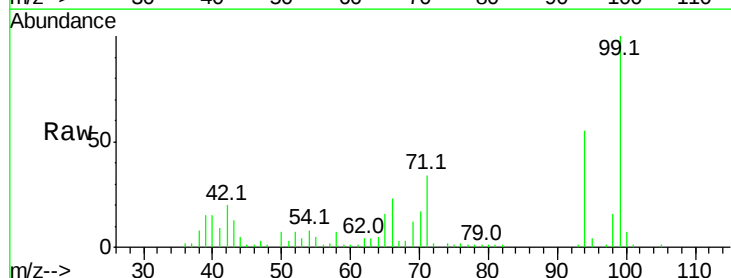
Tgt Ion: 94 Resp: 86022

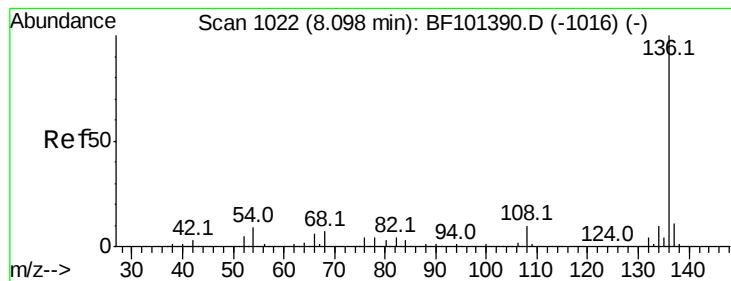
Ion Ratio Lower Upper

94 100

65 29.1 7.9 47.9

66 42.7 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF101826.D

Acq: 29 Dec 2017 13:54

Instrument :

BNA_F

ClientSampleId :

MW-5

Tot Ion:136 Resp: 649898

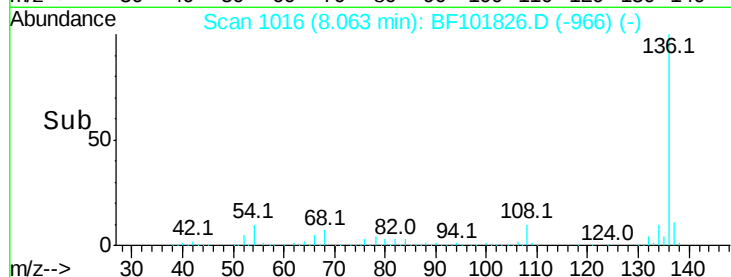
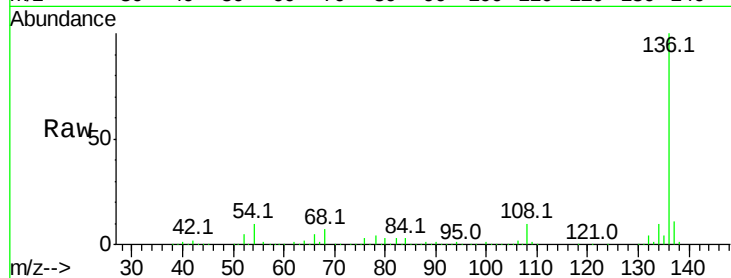
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 9.5 6.6 9.8

68 7.2 5.0 7.4

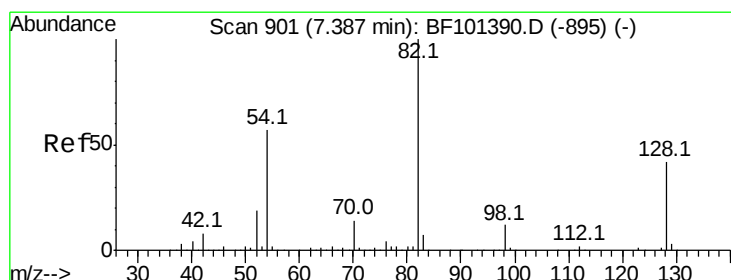
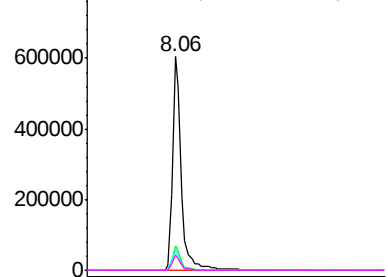


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.748 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF101826.D

Acq: 29 Dec 2017 13:54

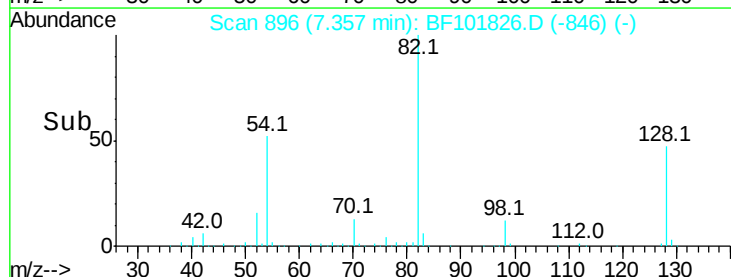
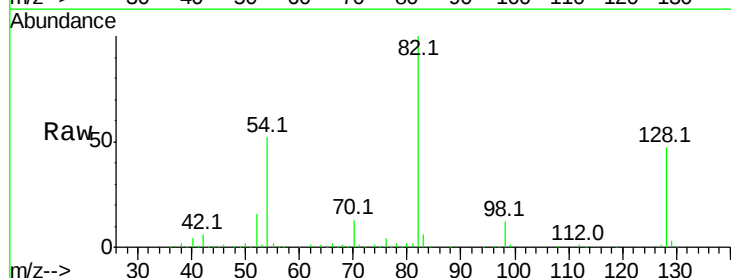
Tgt Ion: 82 Resp: 604152

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

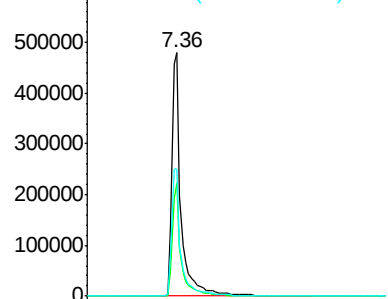
54 52.1 41.4 62.2

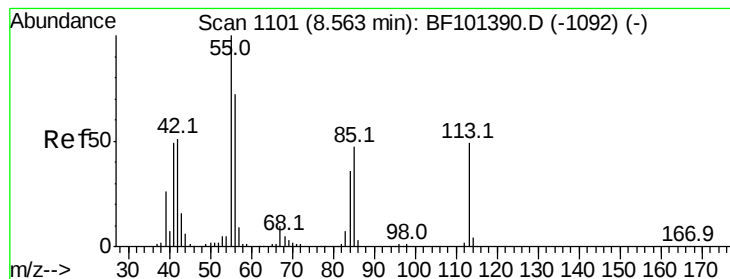


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#35

Caprolactam

Concen: 6.417 ng

RT: 8.51 min Scan# 1092

Delta R.T. -0.03 min

Lab File: BF101826.D

Acq: 29 Dec 2017 13:54

Instrument :

BNA_F

ClientSampled :

MW-5

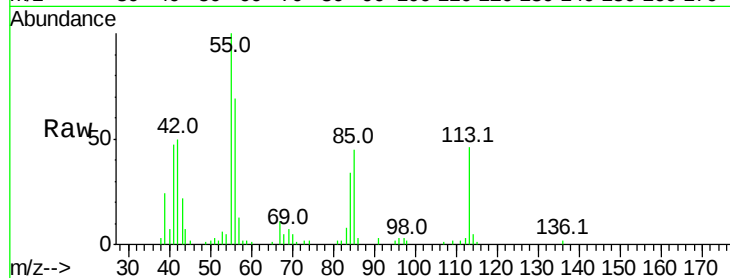
Tot Ion:113 Resp: 20761

Ion Ratio Lower Upper

113 100

55 216.6 163.3 203.3#

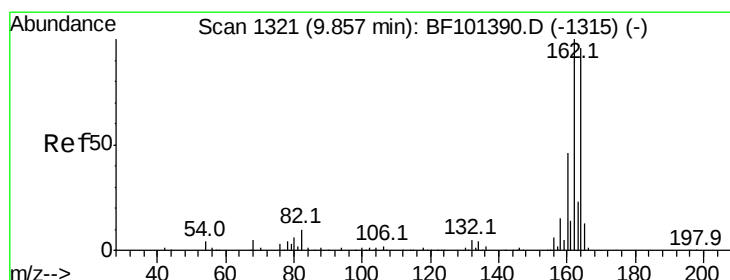
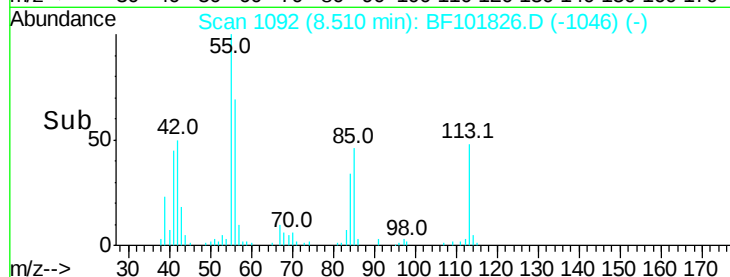
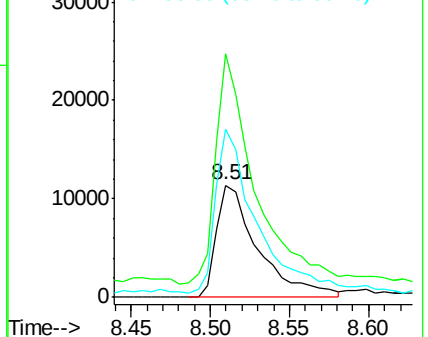
56 150.0 115.7 155.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. 0.00 min

Lab File: BF101826.D

Acq: 29 Dec 2017 13:54

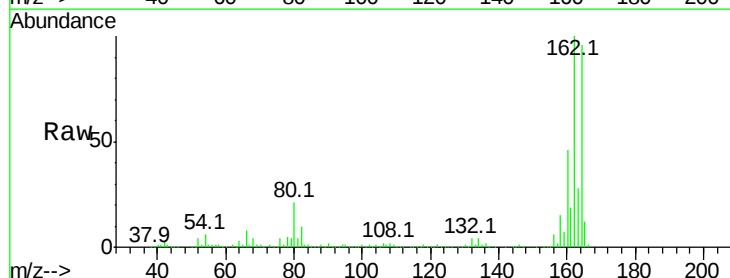
Tgt Ion:164 Resp: 265111

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

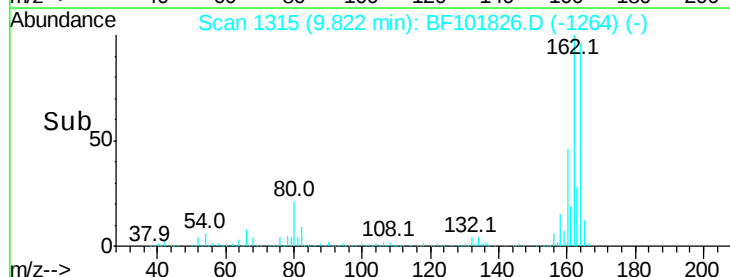
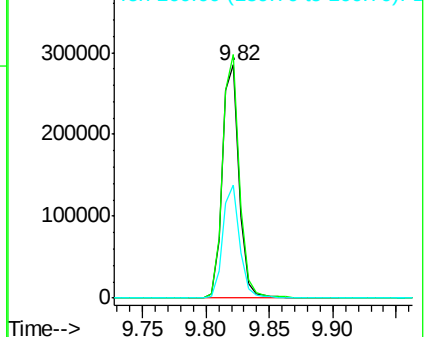
160 48.3 38.3 57.5



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

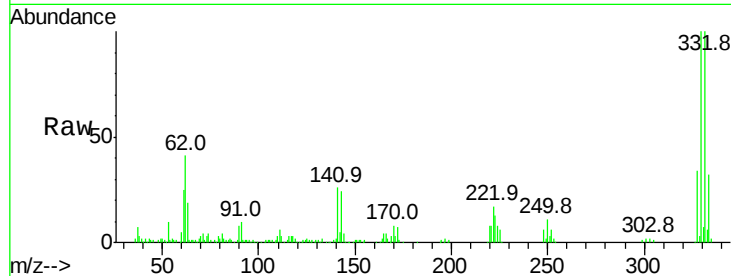




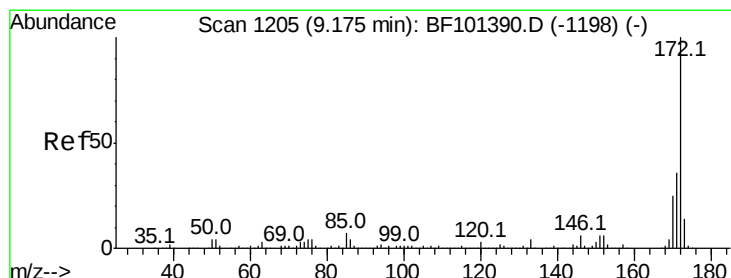
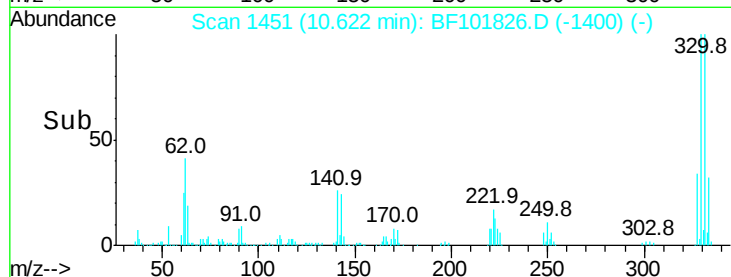
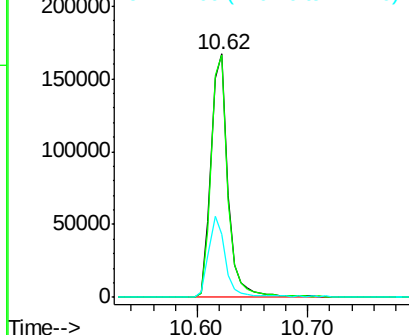
#41
 2,4,6-Tribromophenol
 Concen: 68.940 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF101826.D
 Acq: 29 Dec 2017 13:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Tot Ion:330 Resp: 176111
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.0 115.6
 141 33.6 29.9 44.9

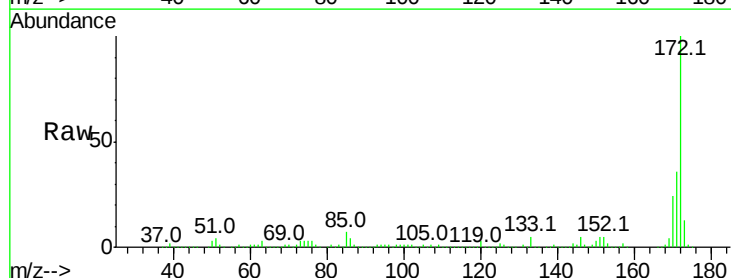


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

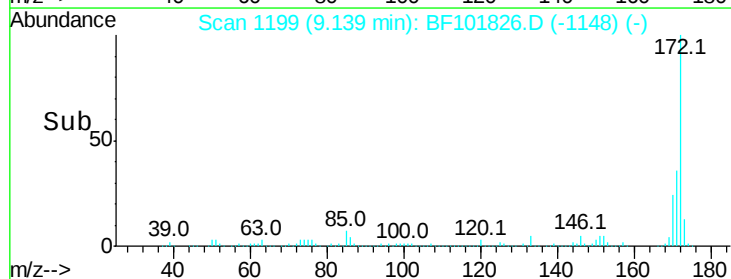
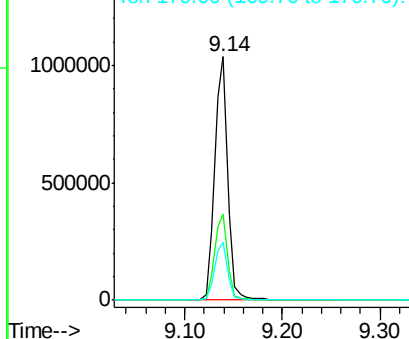


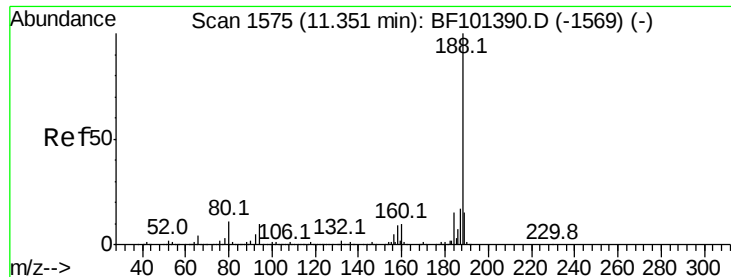
#44
 2-Fluorobiphenyl
 Concen: 56.227 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.00 min
 Lab File: BF101826.D
 Acq: 29 Dec 2017 13:54

Tgt Ion:172 Resp: 960941
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.1 19.6 29.4



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

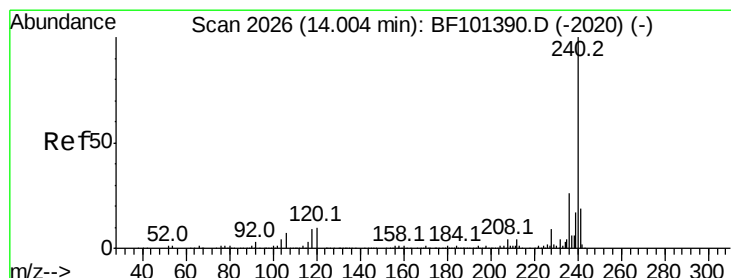
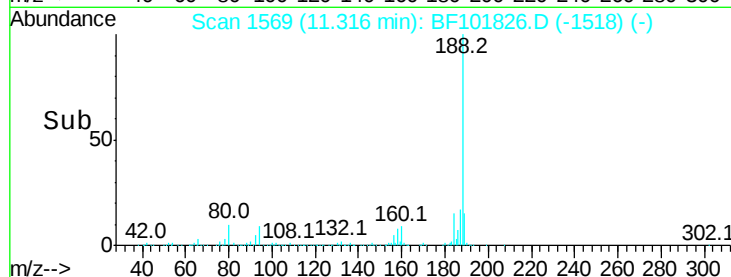
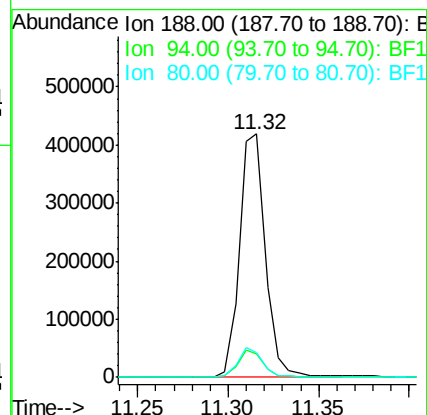
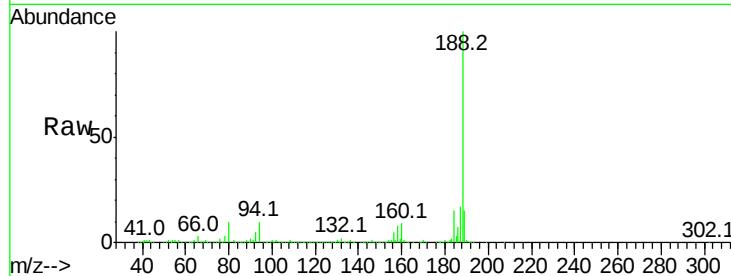




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

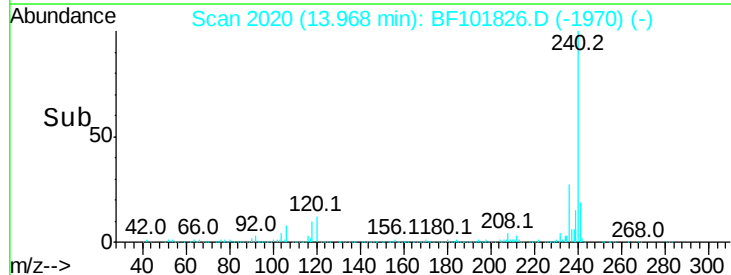
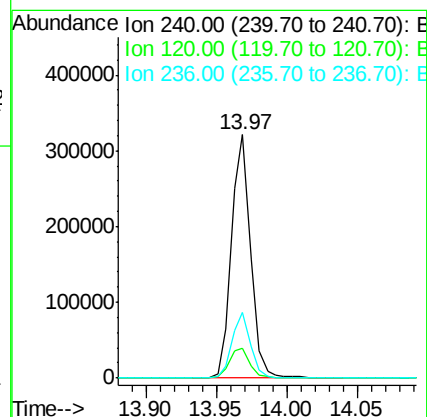
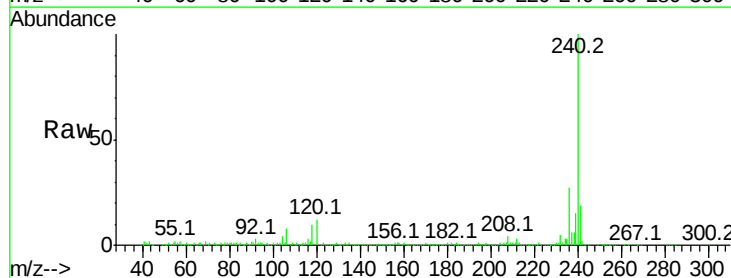
Instrument :
BNA_F
ClientSampled :
MW-5

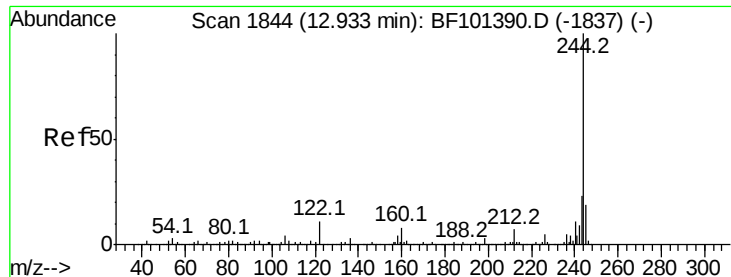
Tot Ion:188 Resp: 416297
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.1 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101826.D
Acq: 29 Dec 2017 13:54

Tgt Ion:240 Resp: 301255
Ion Ratio Lower Upper
240 100
120 12.3 9.5 14.3
236 27.0 20.7 31.1





#78

Terphenyl-d14

Concen: 52.359 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF101826.D

Acq: 29 Dec 2017 13:54

Instrument :

BNA_F

ClientSampleId :

MW-5

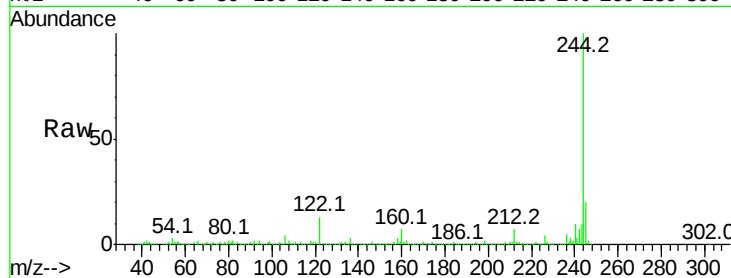
Tot Ion:244 Resp: 654291

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

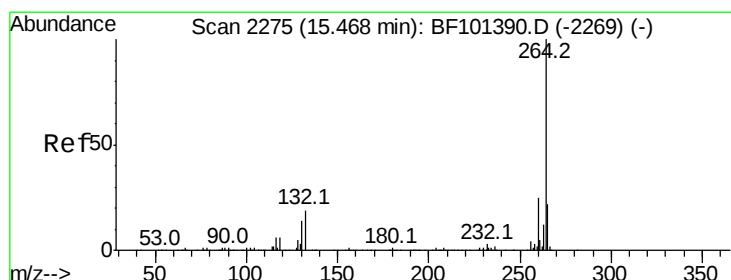
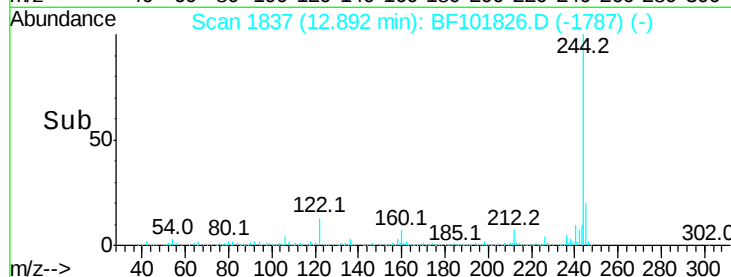
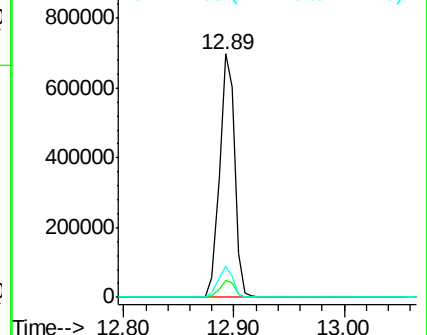
122 12.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. 0.00 min

Lab File: BF101826.D

Acq: 29 Dec 2017 13:54

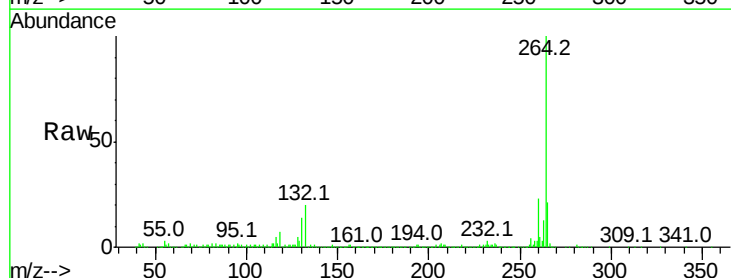
Tgt Ion:264 Resp: 315152

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.5 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

