

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
 Data File : BF101162.D
 Acq On : 6 Dec 2017 12:49
 Operator : SJ/JU
 Sample : I6709-10
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-6(10-15)

Quant Time: Dec 06 14:54:49 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

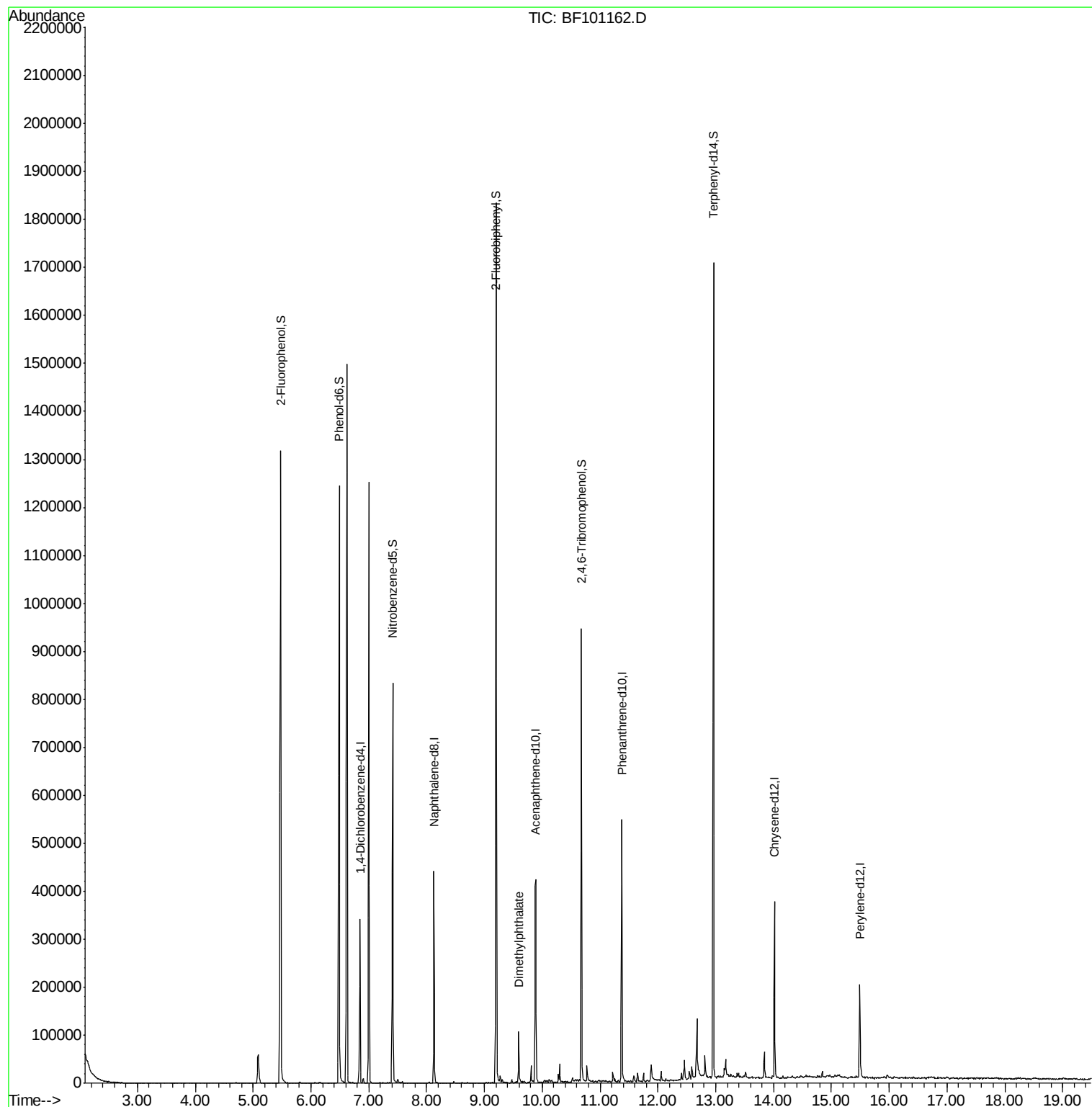
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	46840	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	186547	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	93013	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	191519	20.00	ng	0.00
75) Chrysene-d12	14.02	240	133719	20.00	ng	0.00
86) Perylene-d12	15.49	264	101478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	385881	136.13	ng	0.01
7) Phenol-d6	6.49	99	458296	133.17	ng	0.00
23) Nitrobenzene-d5	7.42	82	286056	91.47	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	132077	118.21	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	594059	87.38	ng	0.00
78) Terphenyl-d14	12.96	244	609910	99.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.60	163	45715	6.094	ng	Qvalue # 98

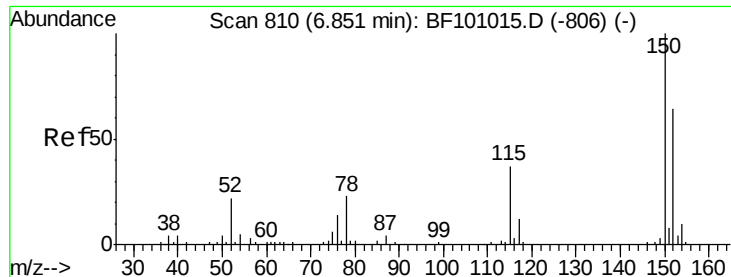
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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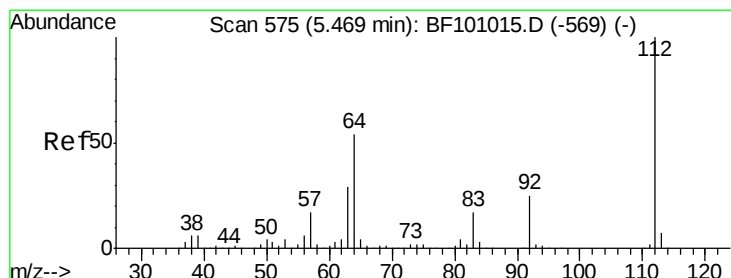
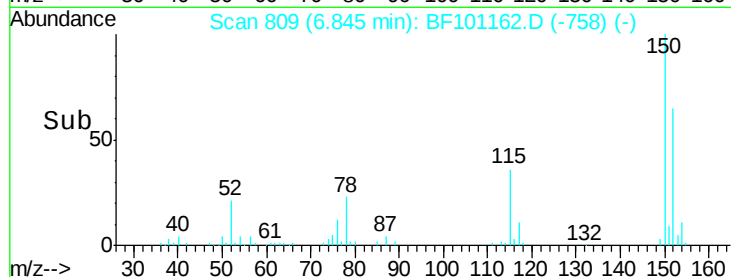
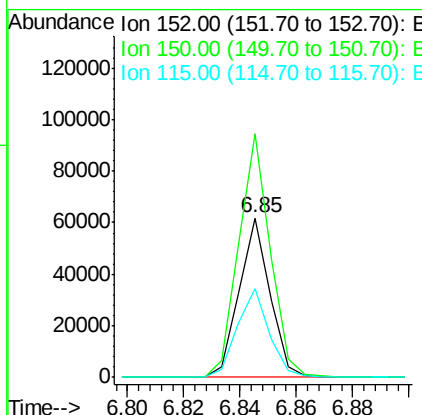
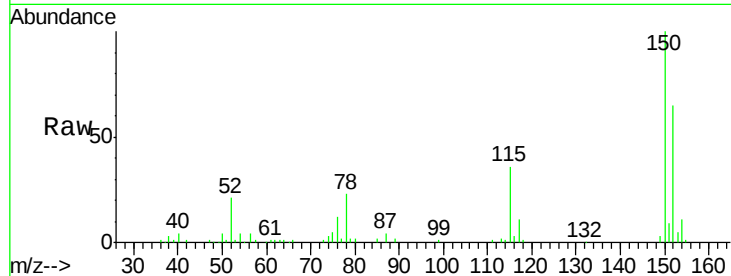




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF101162.D
 Acq: 6 Dec 2017 12:49

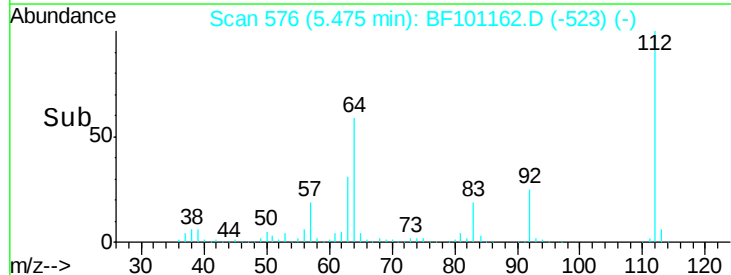
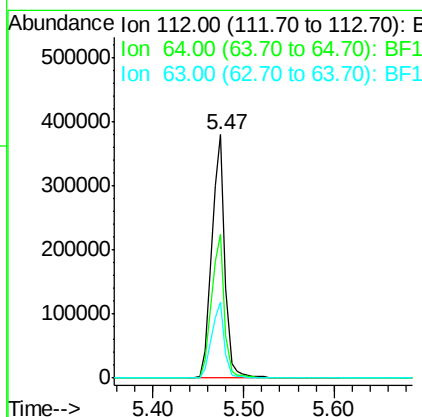
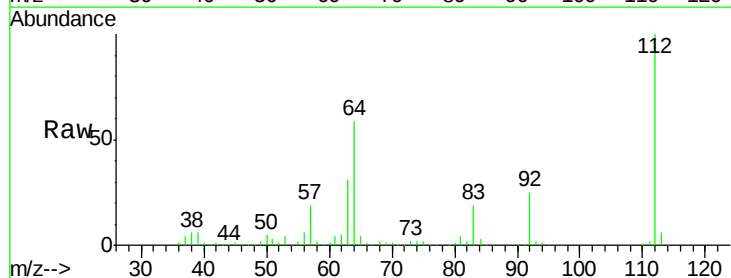
Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-6(10-15)

Tot Ion:152 Resp: 46840
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.6 186.8
 115 55.4 50.1 75.1



#5
 2-Fluorophenol
 Concen: 136.133 ng
 RT: 5.47 min Scan# 576
 Delta R.T. 0.01 min
 Lab File: BF101162.D
 Acq: 6 Dec 2017 12:49

Tgt Ion:112 Resp: 385881
 Ion Ratio Lower Upper
 112 100
 64 59.2 47.9 71.9
 63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 133.169 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF101162.D

Acq: 6 Dec 2017 12:49

Instrument :

BNA_F

ClientSampleId :

ENV-109-6(10-15)

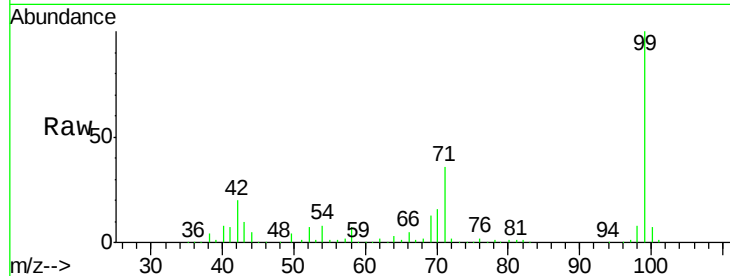
Tot Ion: 99 Resp: 458296

Ion Ratio Lower Upper

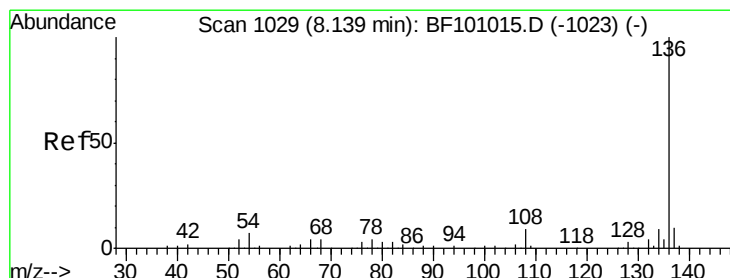
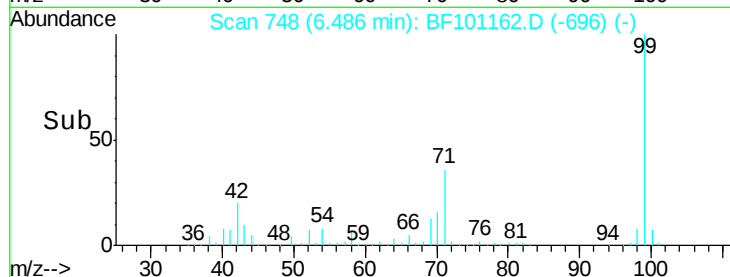
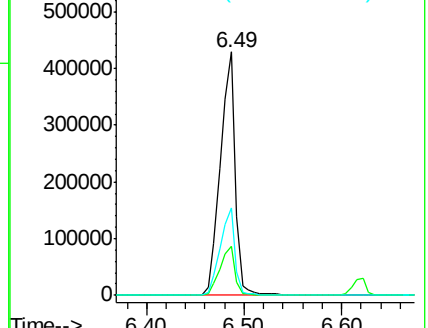
99 100

42 20.3 14.5 21.7

71 35.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF101162.D

Acq: 6 Dec 2017 12:49

Tgt Ion:136 Resp: 186547

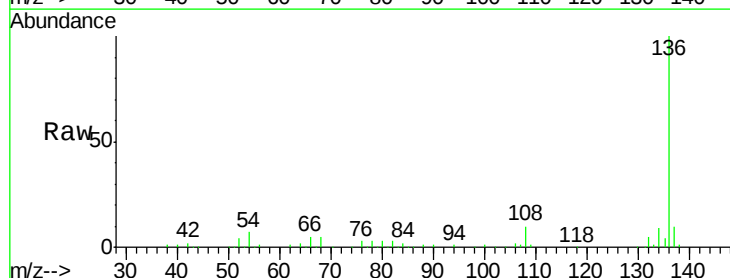
Ion Ratio Lower Upper

136 100

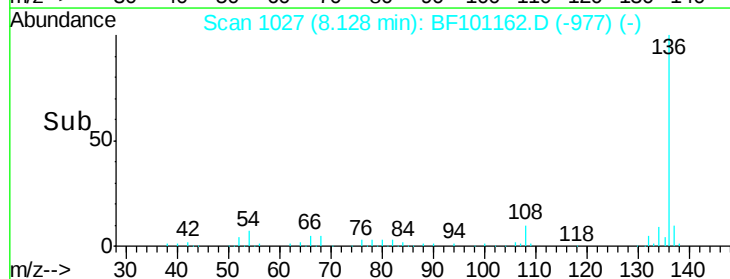
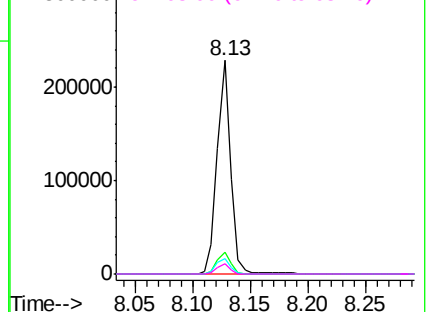
137 10.1 8.9 13.3

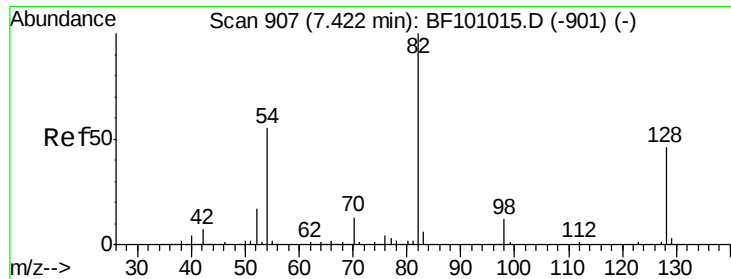
54 7.3 6.6 9.8

68 4.5 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

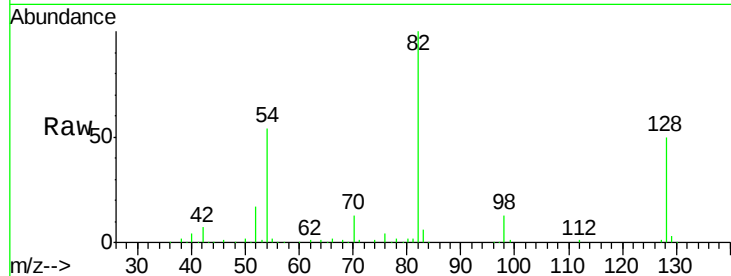




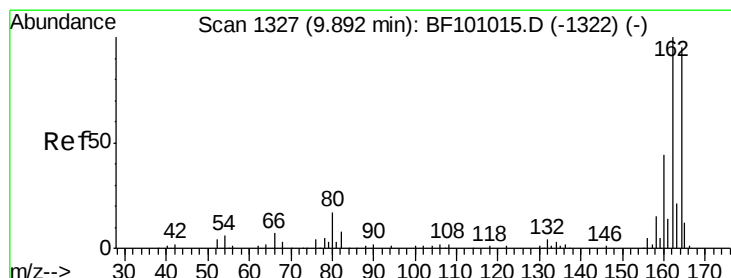
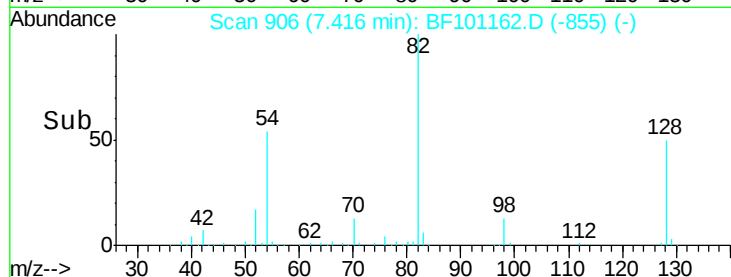
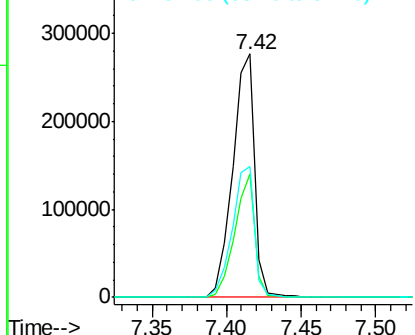
#23
 Nitrobenzene-d5
 Concen: 91.474 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF101162.D
 Acq: 6 Dec 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-6(10-15)

Tot Ion	82	Resp	286056
Ion Ratio	Lower	Upper	
82	100		
128	50.4	36.1	54.1
54	53.6	41.4	62.2

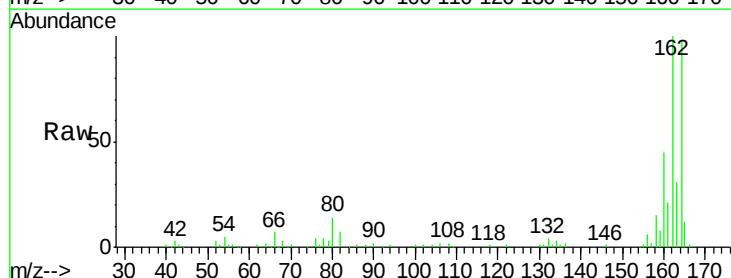


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

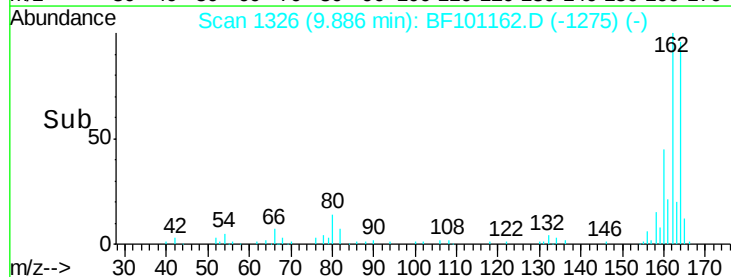
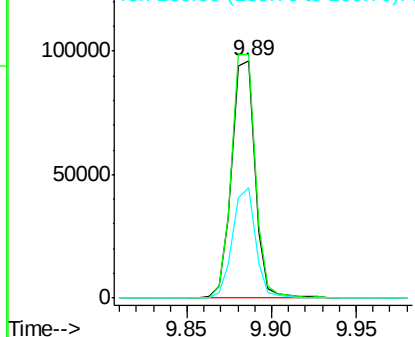


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF101162.D
 Acq: 6 Dec 2017 12:49

Tgt Ion	164	Resp	93013
Ion Ratio	Lower	Upper	
164	100		
162	102.5	86.1	129.1
160	46.3	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

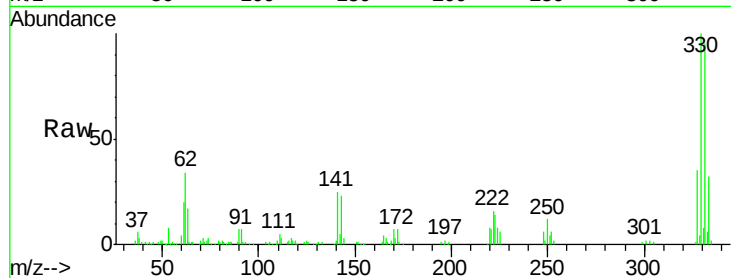




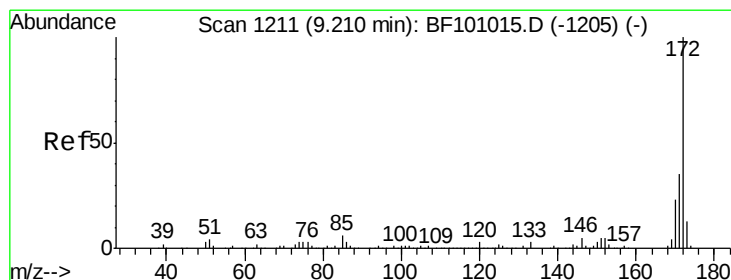
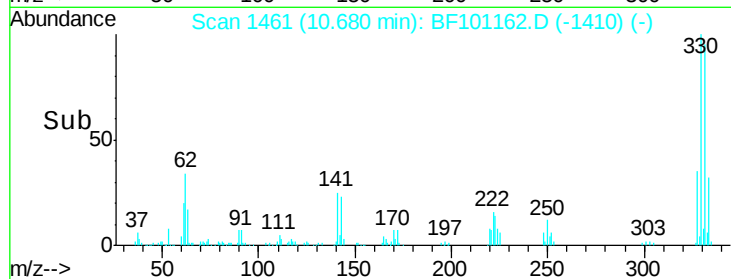
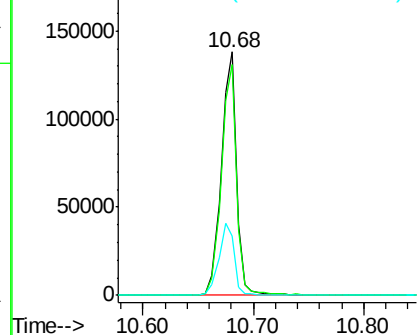
#41
 2,4,6-Tribromophenol
 Concen: 118.206 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101162.D
 Acq: 6 Dec 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-6(10-15)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.0	115.6
141	29.5	29.9	44.9#

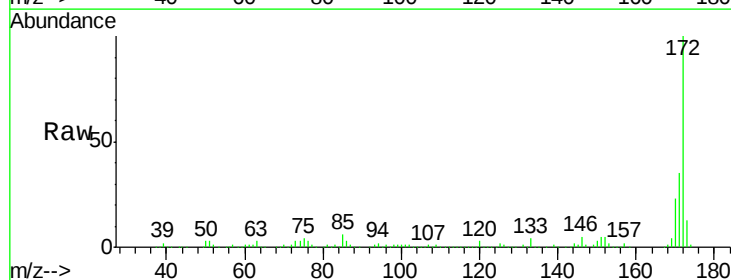


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

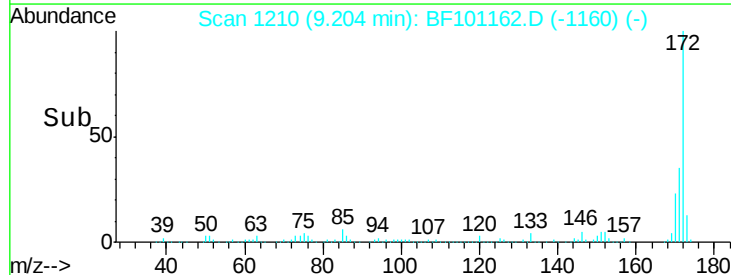
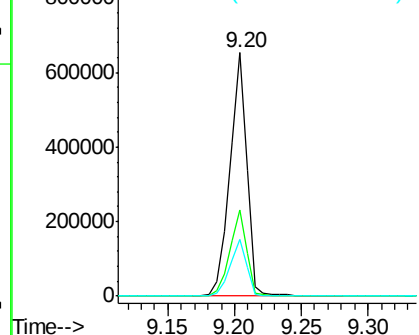


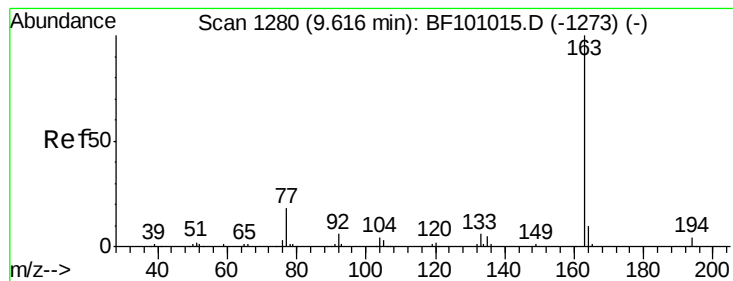
#44
 2-Fluorobiphenyl
 Concen: 87.385 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF101162.D
 Acq: 6 Dec 2017 12:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.4	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





#49

Dimethylphthalate

Concen: 6.094 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF101162.D

Acq: 6 Dec 2017 12:49

Instrument :

BNA_F

ClientSampleId :

ENV-109-6(10-15)

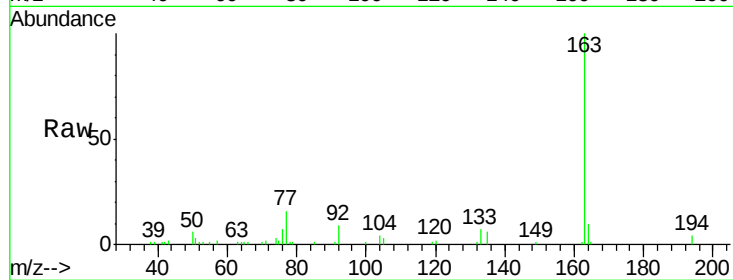
Tot Ion:163 Resp: 45715

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

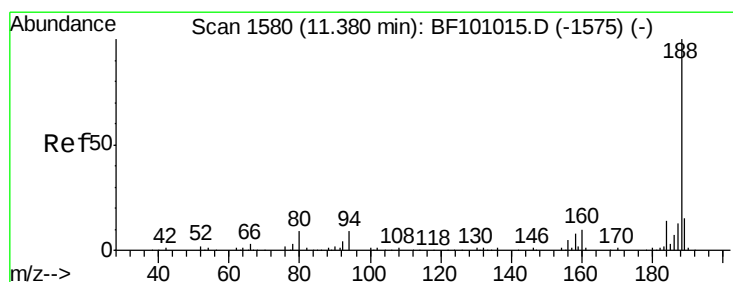
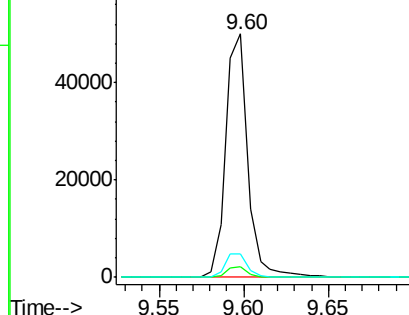
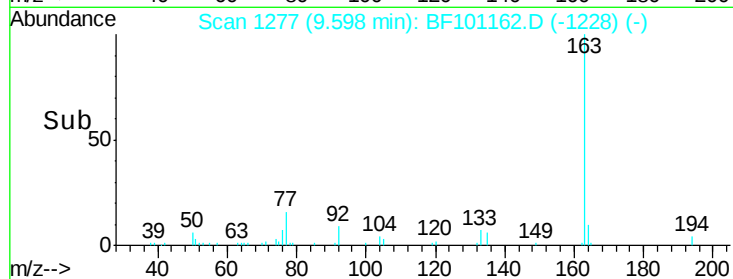
164 9.7 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BF101162.D

Acq: 6 Dec 2017 12:49

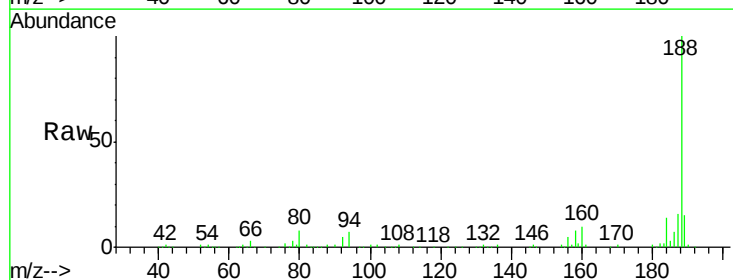
Tgt Ion:188 Resp: 191519

Ion Ratio Lower Upper

188 100

94 7.5 8.5 12.7#

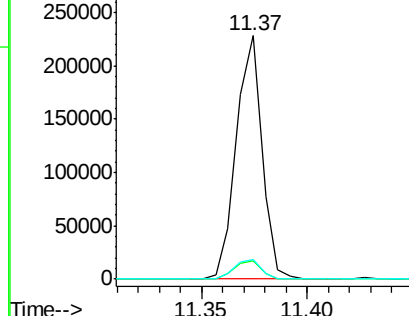
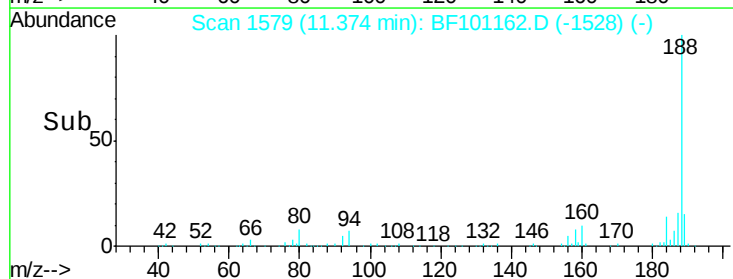
80 7.8 9.2 13.8#

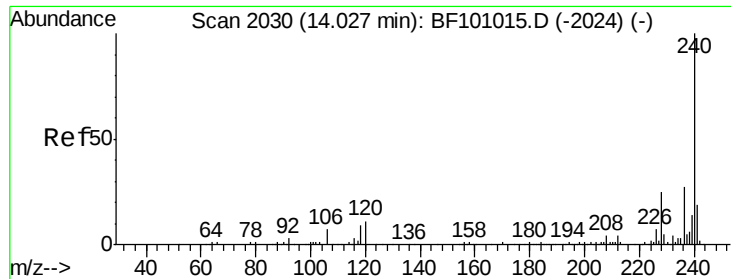


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

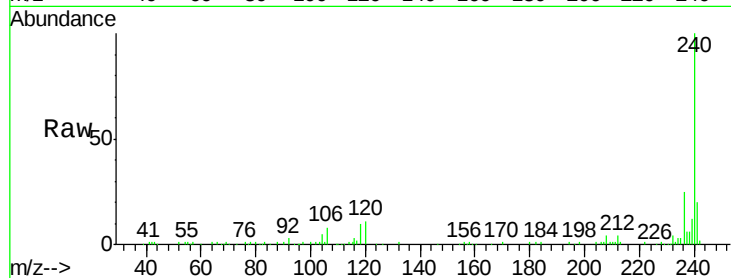




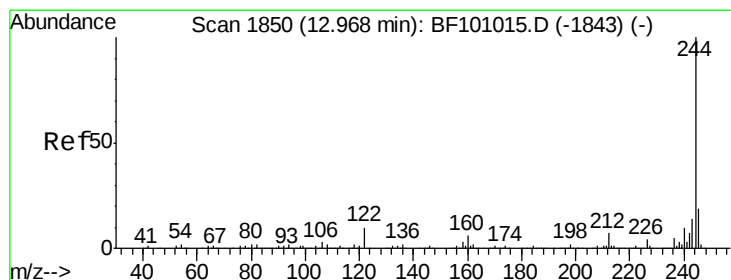
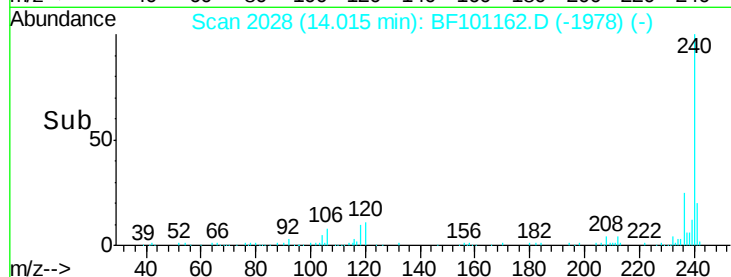
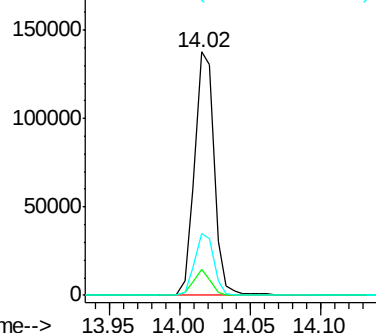
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Instrument :
BNA_F
ClientSampleId :
ENV-109-6(10-15)

Tot Ion:240 Resp: 133719
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 25.2 20.7 31.1

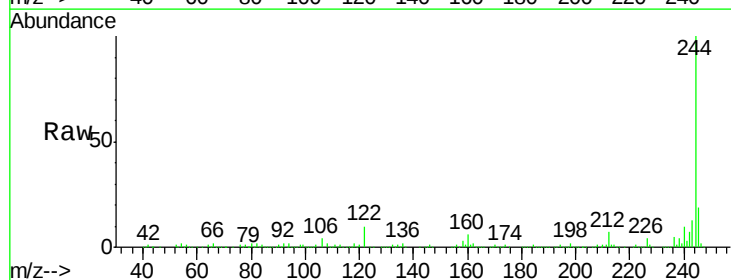


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

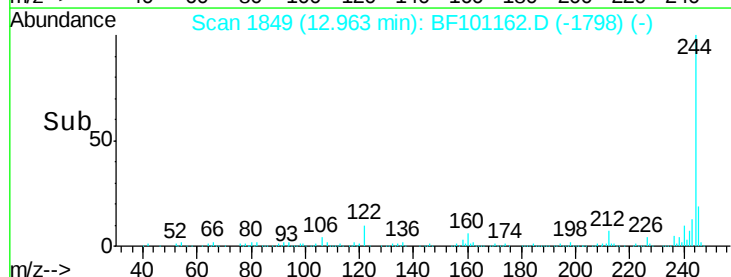
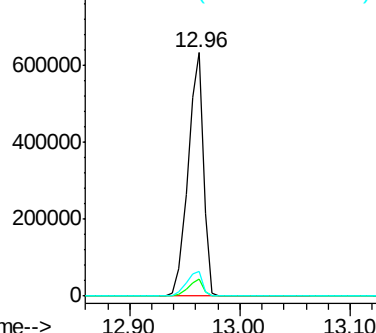


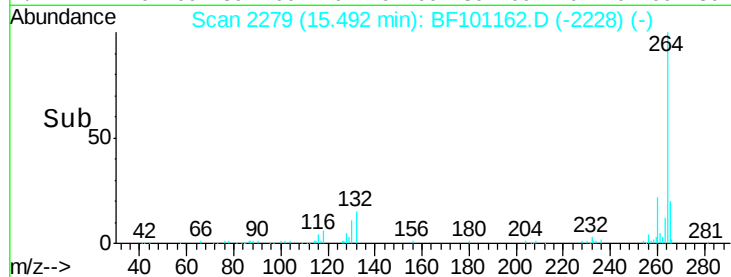
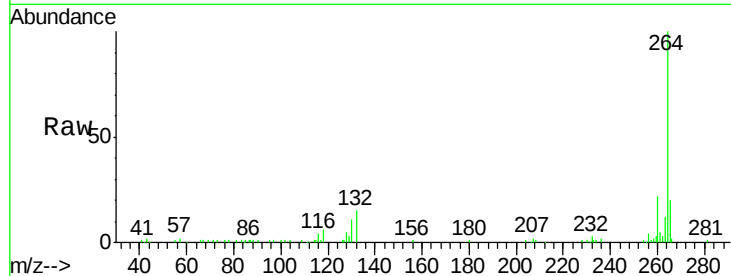
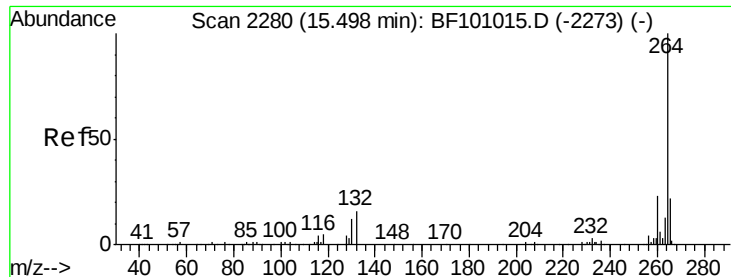
#78
Terphenyl-d14
Concen: 99.764 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.00 min
Lab File: BF101162.D
Acq: 6 Dec 2017 12:49

Tgt Ion:244 Resp: 609910
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.0
122 10.3 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
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF101162.D
 Acq: 6 Dec 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :
 ENV-109-6(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.2	28.8
265	20.0	17.5	26.3

