

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099700.D
 Acq On : 20 Oct 2017 14:57
 Operator : SJ/JU
 Sample : I5922-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-1(5-10)

Quant Time: Oct 22 00:09:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 20 13:11:43 2017
 Response via : Initial Calibration

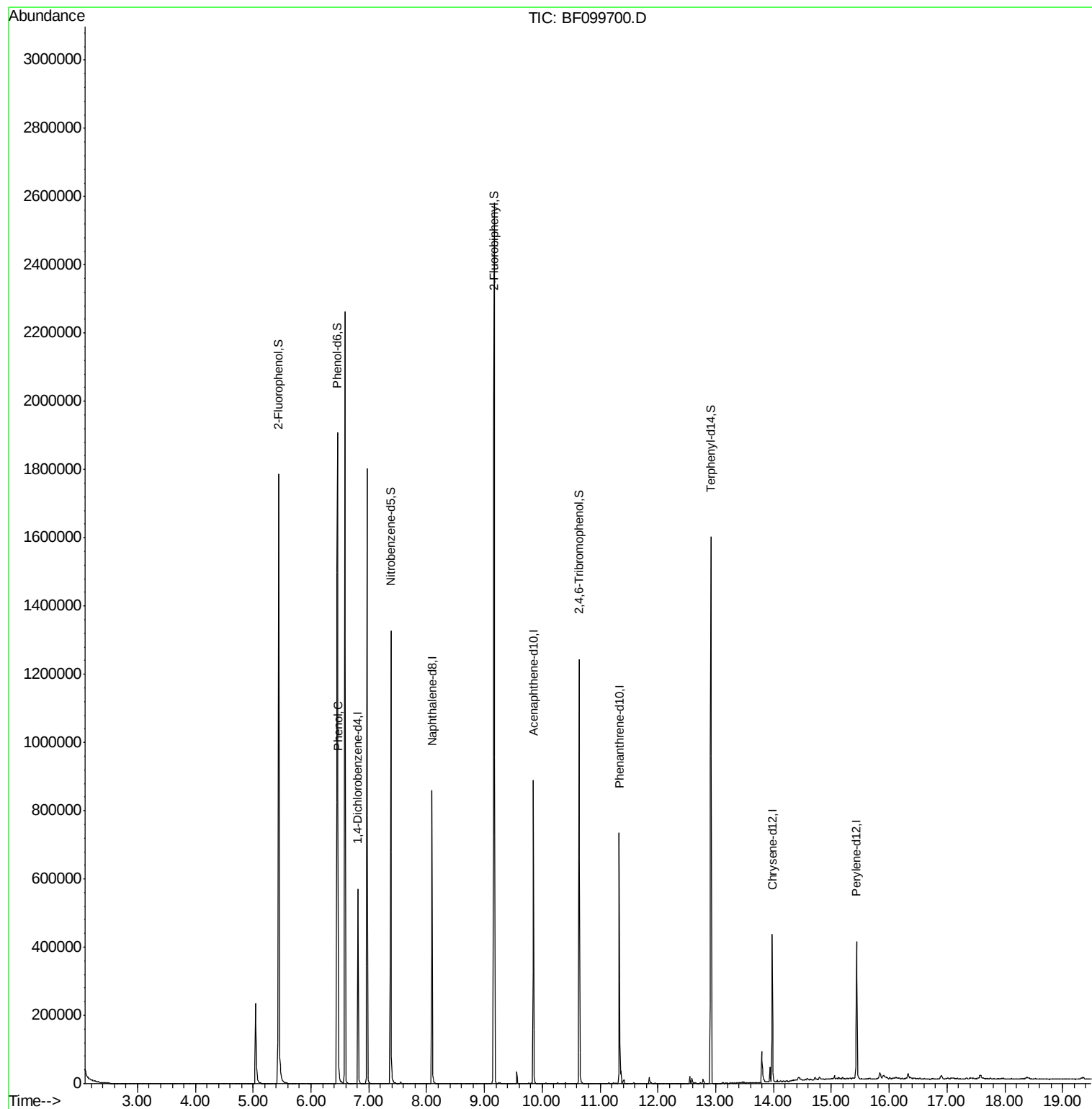
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	94169	20.00	ng	-0.01
21) Naphthalene-d8	8.09	136	388763	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	169620	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	251506	20.00	ng	-0.01
75) Chrysene-d12	13.98	240	149899	20.00	ng	0.00
86) Perylene-d12	15.44	264	167761	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	638846	108.00	ng	0.00
7) Phenol-d6	6.46	99	762087	104.43	ng	0.00
23) Nitrobenzene-d5	7.38	82	442491	72.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.64	330	141109	101.67	ng	-0.01
44) 2-Fluorobiphenyl	9.17	172	818927	80.60	ng	0.00
78) Terphenyl-d14	12.92	244	480382	72.88	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.47	94	35930	4.402	ng	97

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

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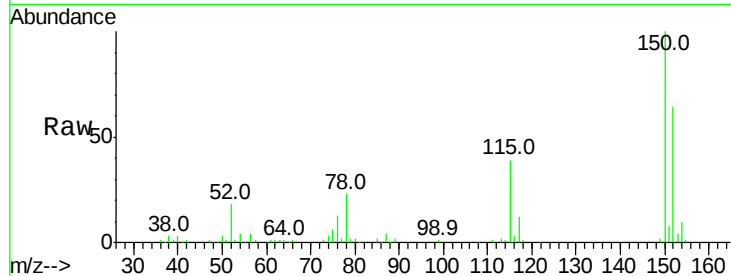


#1

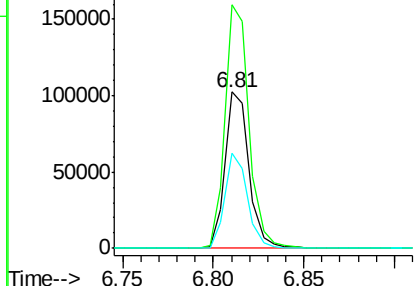
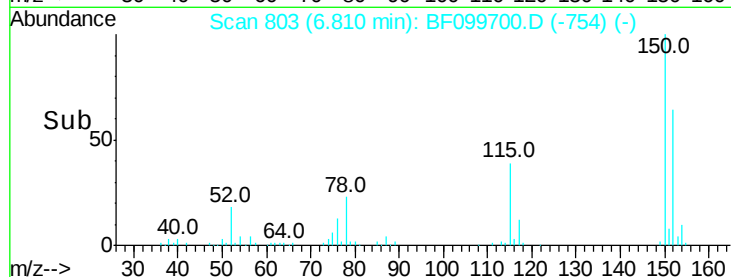
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF099700.D
Acq: 20 Oct 2017 14:57

Instrument :
BNA_F
ClientSampleId :
ENV-115-1(5-10)

Tot Ion:152 Resp: 94169
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 60.8 50.1 75.1



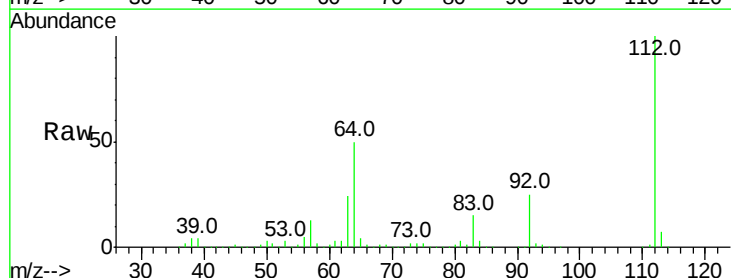
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



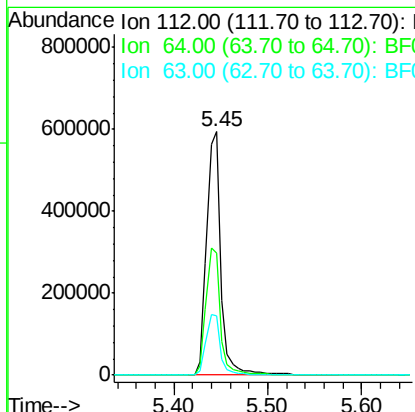
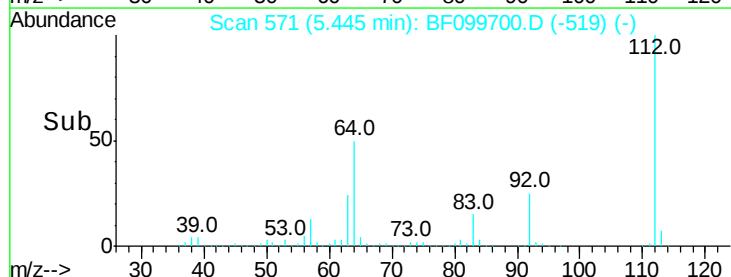
#5

2-Fluorophenol
Concen: 107.995 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099700.D
Acq: 20 Oct 2017 14:57

Tgt Ion:112 Resp: 638846
Ion Ratio Lower Upper
112 100
64 50.2 47.9 71.9
63 24.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 104.432 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099700.D

Acq: 20 Oct 2017 14:57

Instrument :

BNA_F

ClientSampleId :

ENV-115-1(5-10)

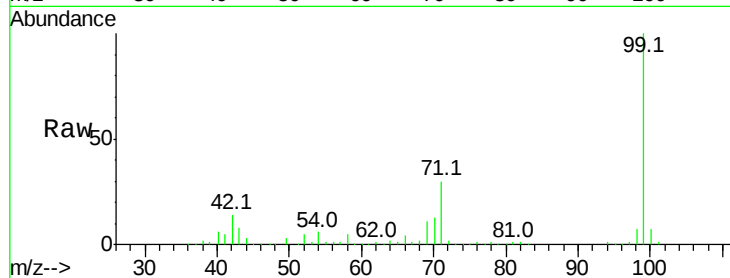
Tot Ion: 99 Resp: 762087

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

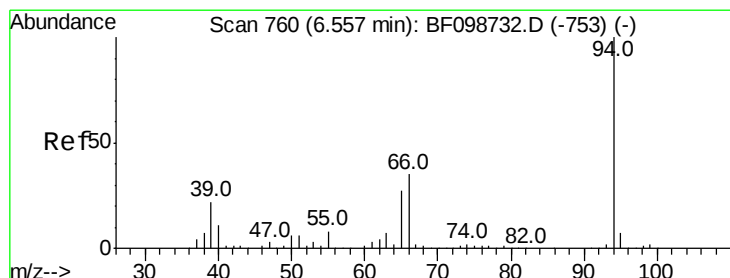
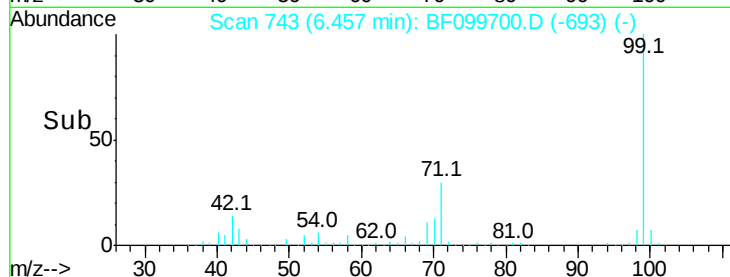
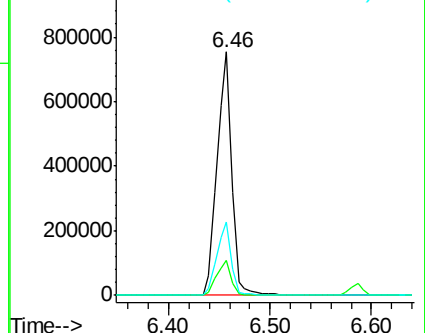
71 30.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 4.402 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099700.D

Acq: 20 Oct 2017 14:57

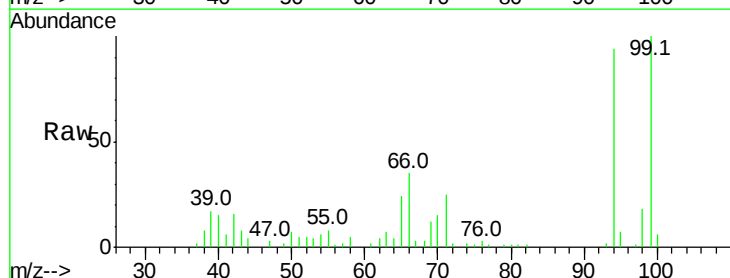
Tgt Ion: 94 Resp: 35930

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

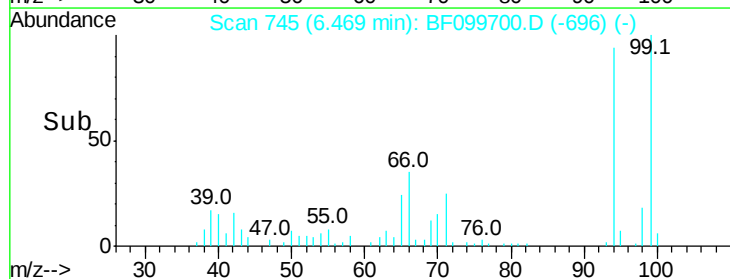
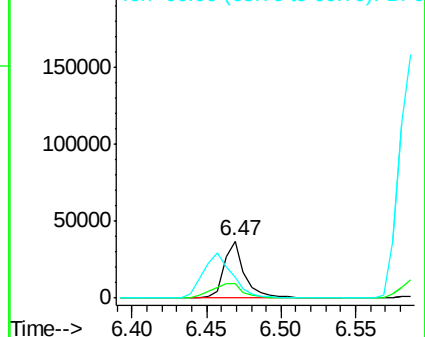
66 37.1 16.2 56.2

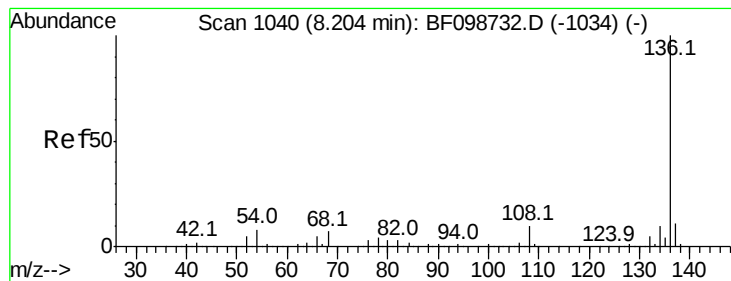


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF099700.D

Acq: 20 Oct 2017 14:57

Instrument :

BNA_F

ClientSampleId :

ENV-115-1(5-10)

Tot Ion:136 Resp: 388763

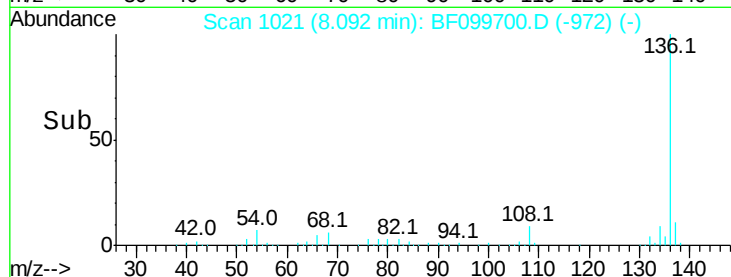
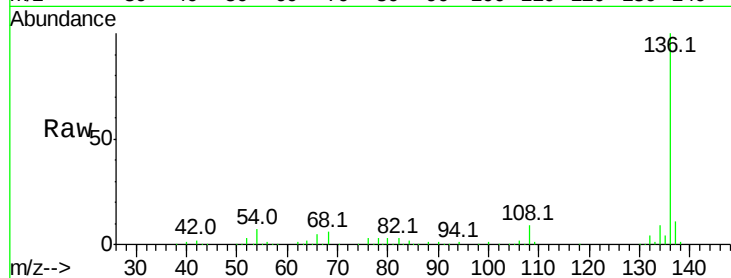
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.6 9.8

68 6.0 5.0 7.4

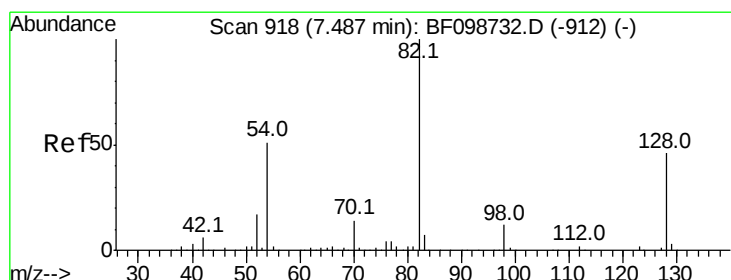
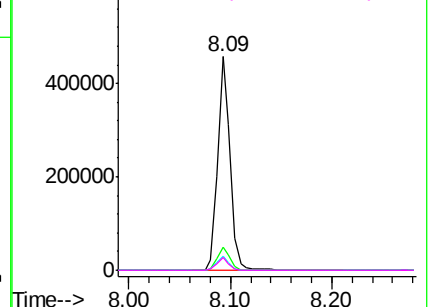


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 72.993 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099700.D

Acq: 20 Oct 2017 14:57

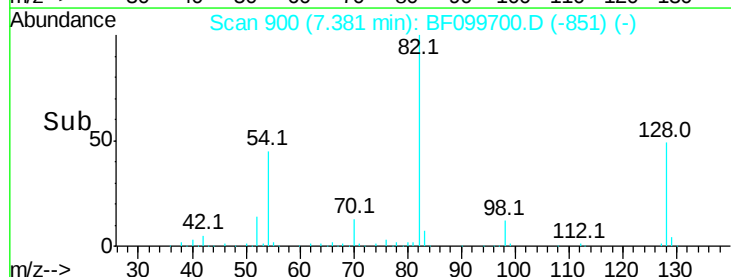
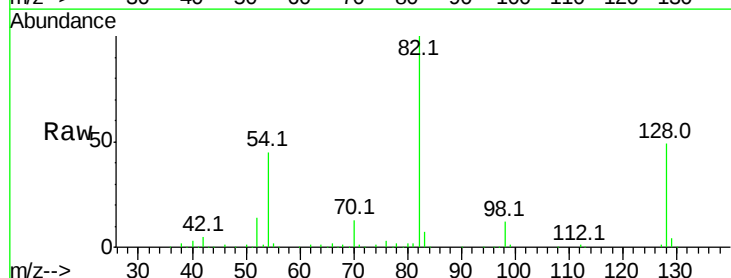
Tgt Ion: 82 Resp: 442491

Ion Ratio Lower Upper

82 100

128 49.4 36.1 54.1

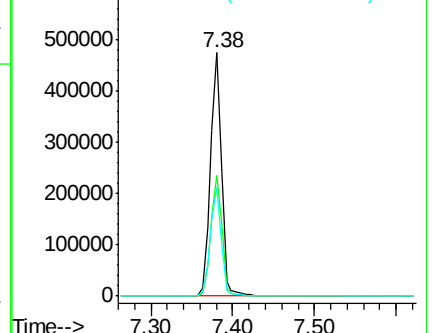
54 44.8 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

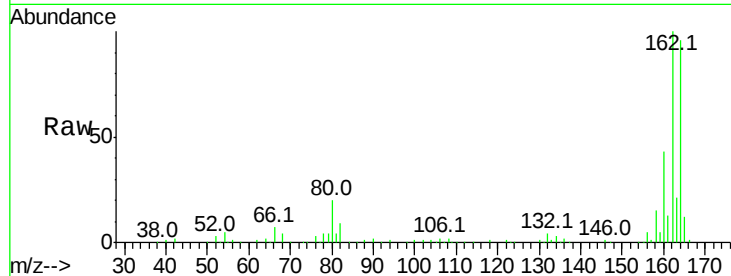




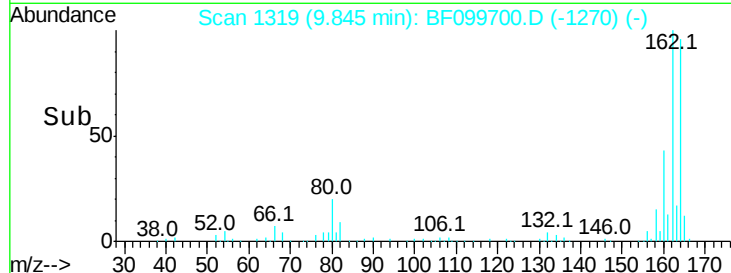
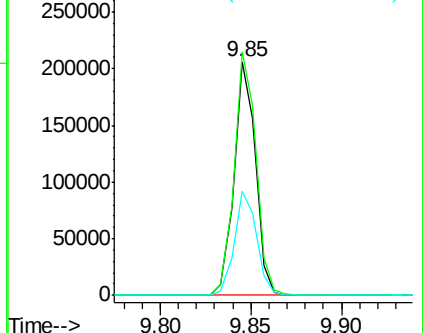
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF099700.D
Acq: 20 Oct 2017 14:57

Instrument :
BNA_F
ClientSampleId :
ENV-115-1(5-10)

Tot Ion:164 Resp: 169620
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 44.7 38.3 57.5

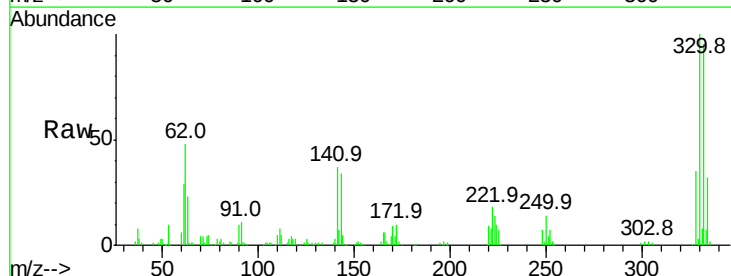


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

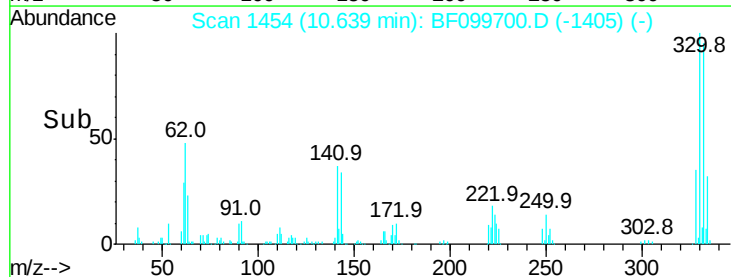
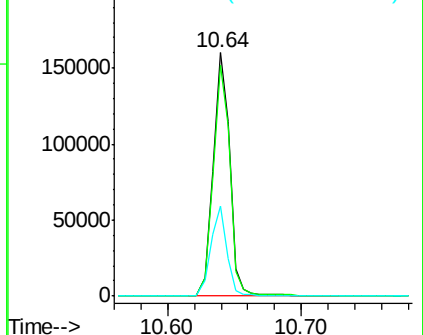


#41
2,4,6-Tribromophenol
Concen: 101.667 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF099700.D
Acq: 20 Oct 2017 14:57

Tgt Ion:330 Resp: 141109
Ion Ratio Lower Upper
330 100
332 95.6 77.0 115.6
141 35.7 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



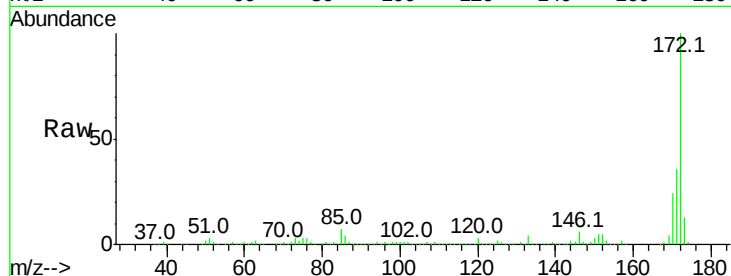


#44
 2-Fluorobiphenyl
 Concen: 80.600 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099700.D
 Acq: 20 Oct 2017 14:57

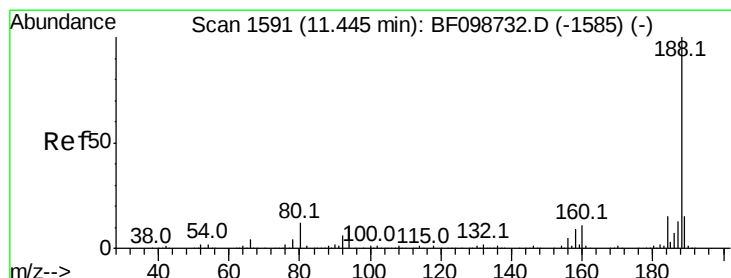
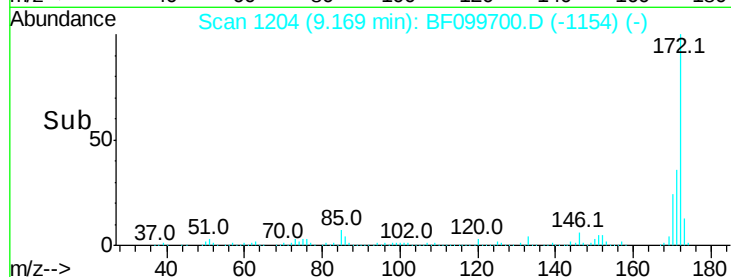
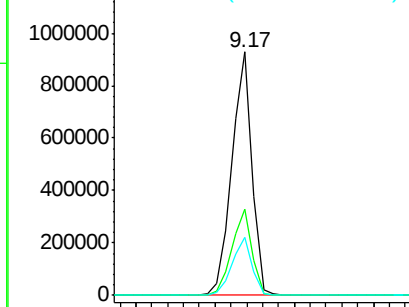
Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-1(5-10)

Tot Ion:172 Resp: 818927

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.8	19.6	29.4



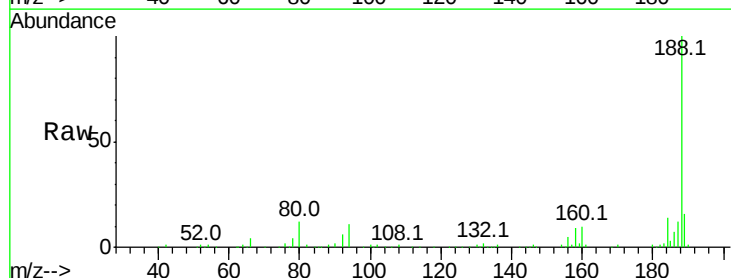
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



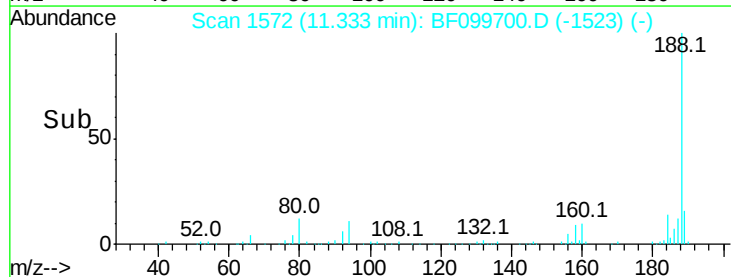
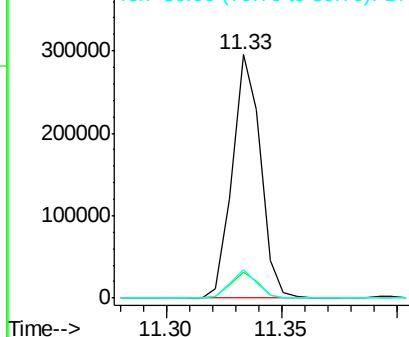
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF099700.D
 Acq: 20 Oct 2017 14:57

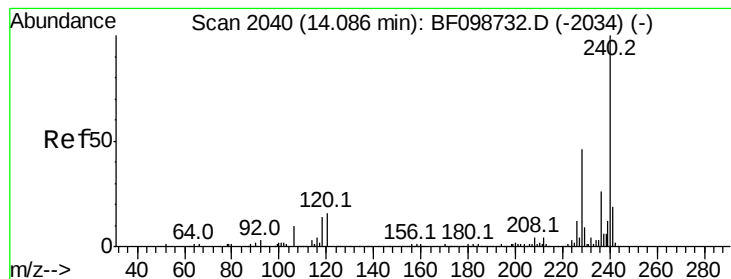
Tgt Ion:188 Resp: 251506

Ion	Ratio	Lower	Upper
188	100		
94	10.9	8.5	12.7
80	11.9	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF099700.D

Acq: 20 Oct 2017 14:57

Instrument :

BNA_F

ClientSampleId :

ENV-115-1(5-10)

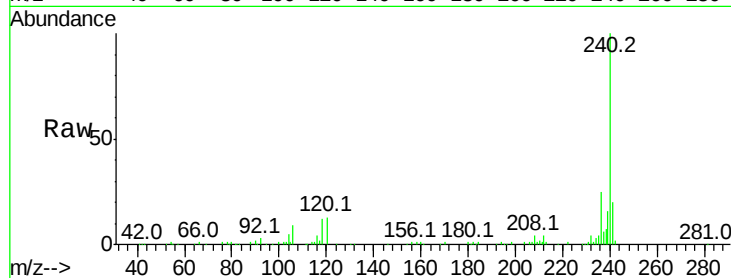
Tot Ion:240 Resp: 149899

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

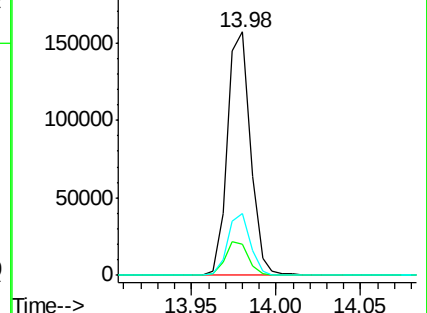
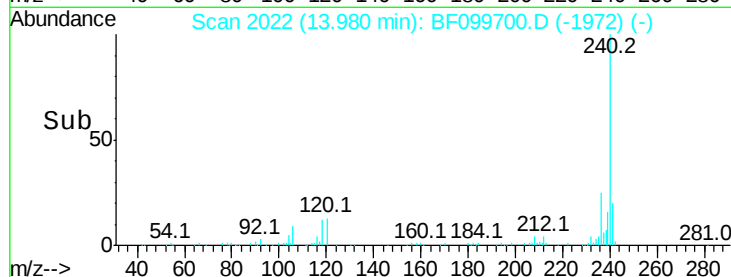
236 25.3 20.7 31.1



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: 72.881 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099700.D

Acq: 20 Oct 2017 14:57

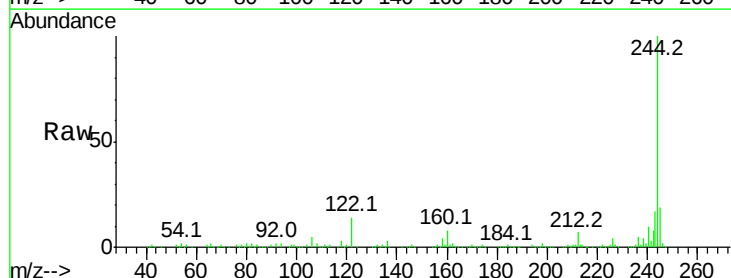
Tgt Ion:244 Resp: 480382

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

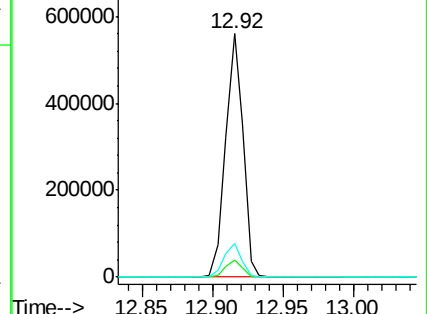
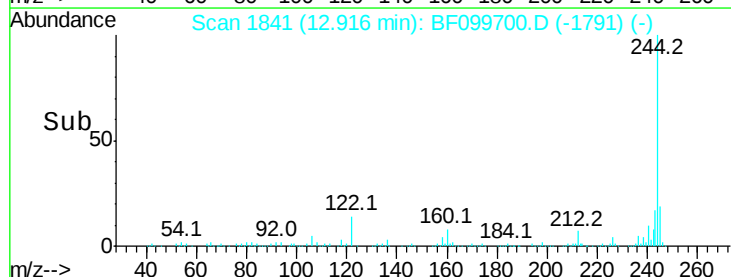
122 13.7 11.0 16.4



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

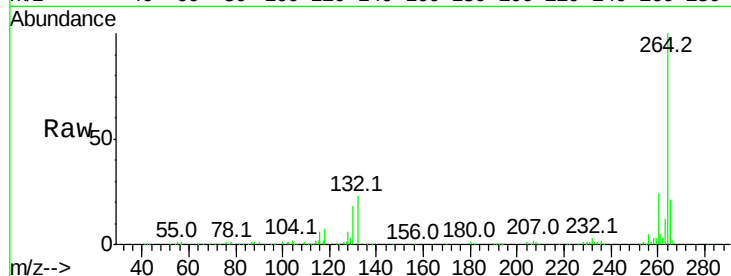




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099700.D
 Acq: 20 Oct 2017 14:57

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-1(5-10)

Tot Ion:	264	Resp:	167761
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	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

