

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102017\
 Data File : BF099701.D
 Acq On : 20 Oct 2017 15:24
 Operator : SJ/JU
 Sample : I5922-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-1(10-15)

Quant Time: Oct 22 00:10:42 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

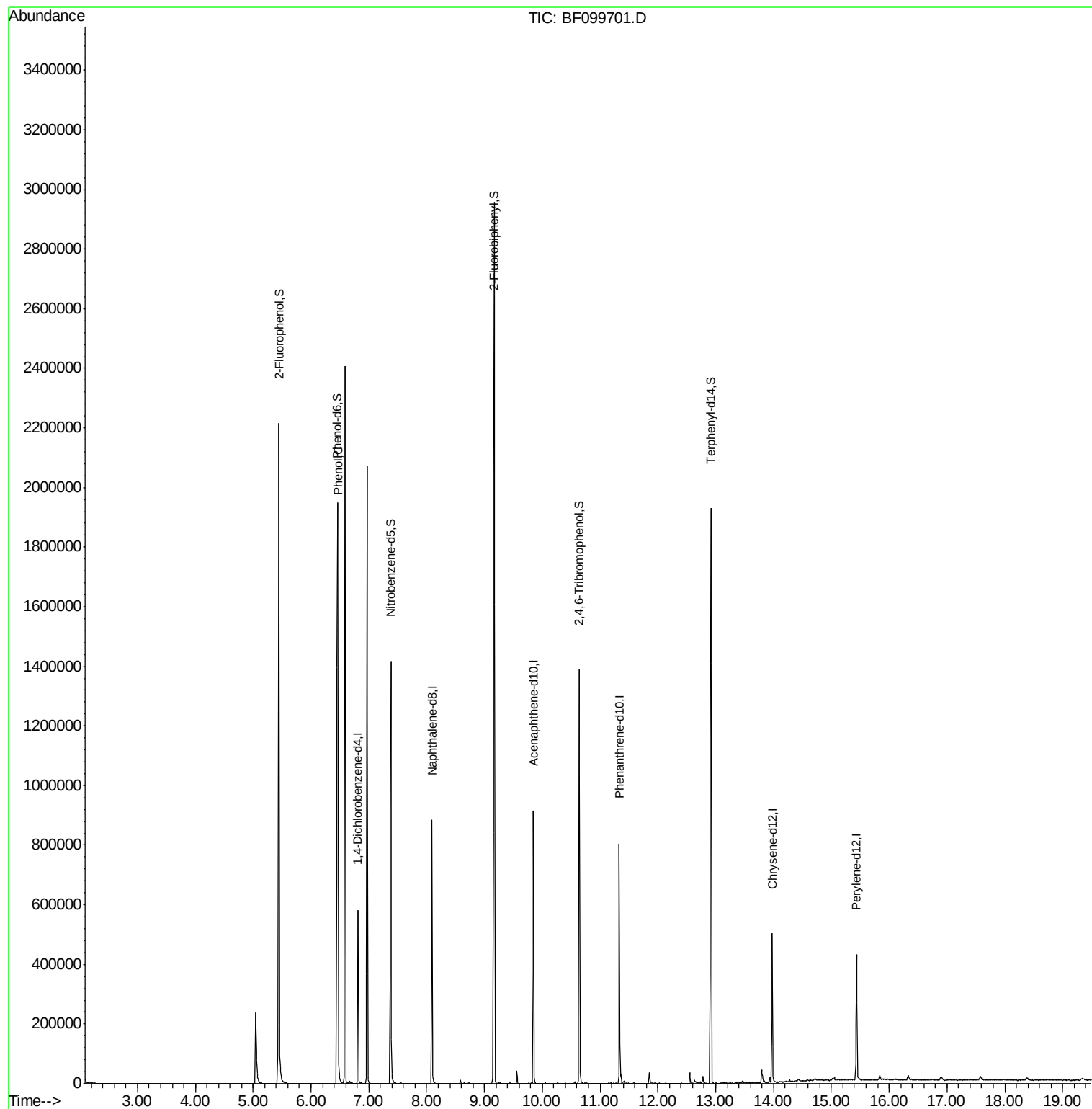
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	97816	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	401970	20.00	ng	-0.01
38) Acenaphthene-d10	9.85	164	176425	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	269398	20.00	ng	-0.01
75) Chrysene-d12	13.97	240	165321	20.00	ng	-0.01
86) Perylene-d12	15.44	264	182060	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	735219	119.65	ng	0.00
7) Phenol-d6	6.46	99	899258	118.63	ng	0.00
23) Nitrobenzene-d5	7.38	82	528683	84.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	174522	120.89	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	989421	93.62	ng	0.00
78) Terphenyl-d14	12.92	244	625774	86.08	ng	0.00
Target Compounds						
10) Phenol	6.47	94	36769	4.337	ng	Qvalue 99

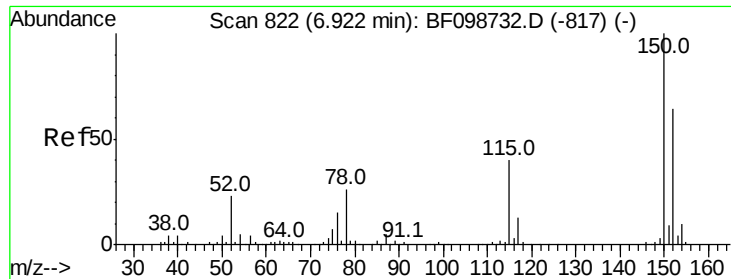
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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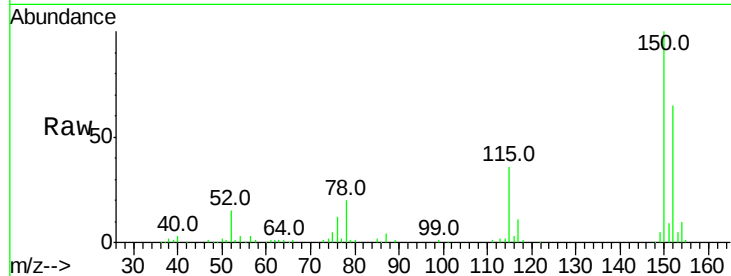


#1

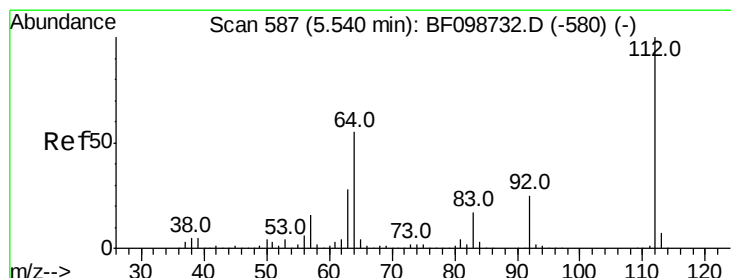
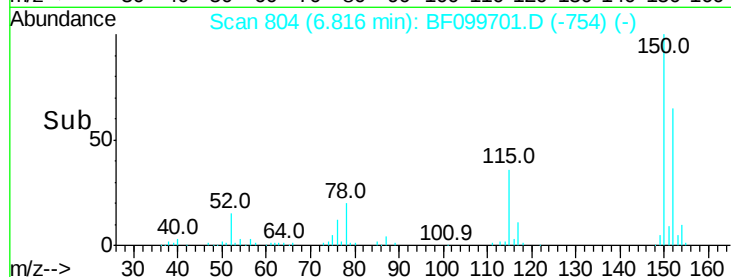
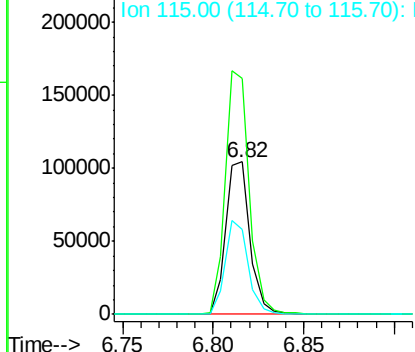
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-1(10-15)

Tot Ion:152 Resp: 97816
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.6 186.8
 115 56.0 50.1 75.1



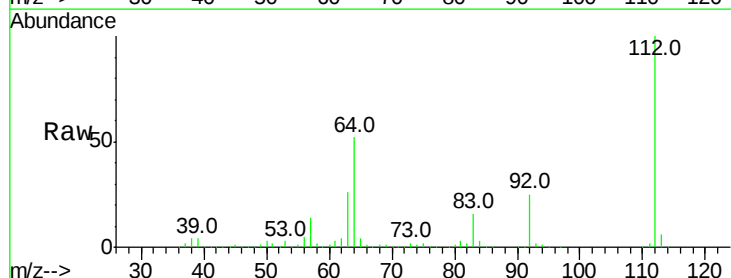
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



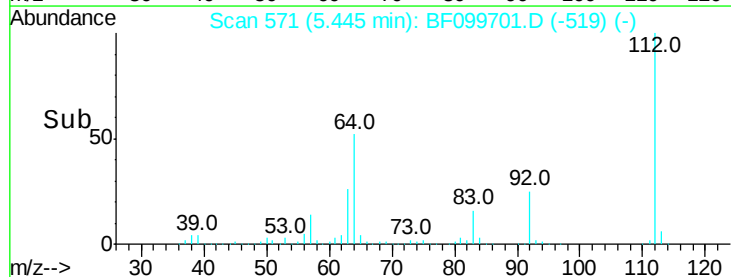
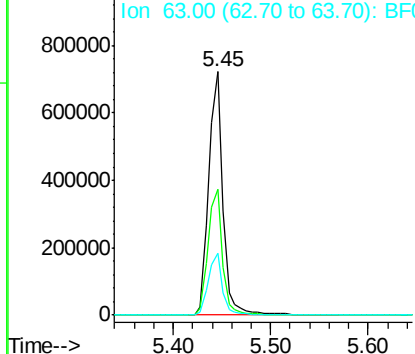
#5

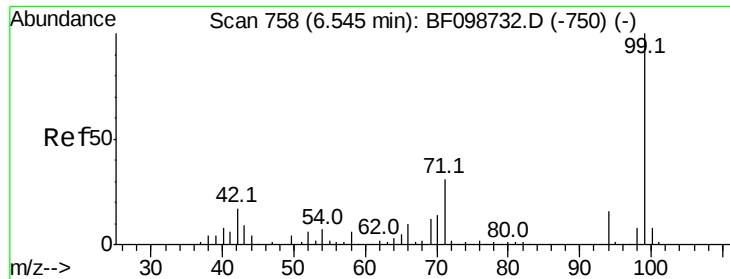
2-Fluorophenol
 Concen: 119.653 ng
 RT: 5.45 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Tgt Ion:112 Resp: 735219
 Ion Ratio Lower Upper
 112 100
 64 51.7 47.9 71.9
 63 25.6 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: 118.635 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

Instrument :

BNA_F

ClientSampleId :

ENV-115-1(10-15)

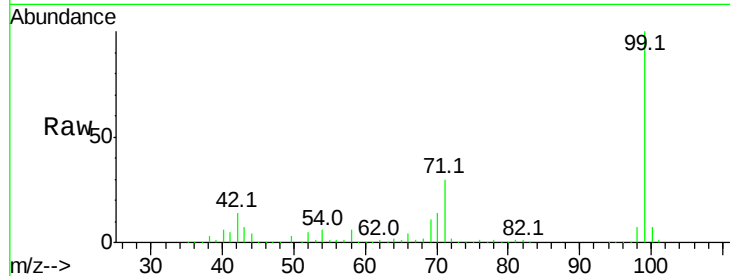
Tot Ion: 99 Resp: 899258

Ion Ratio Lower Upper

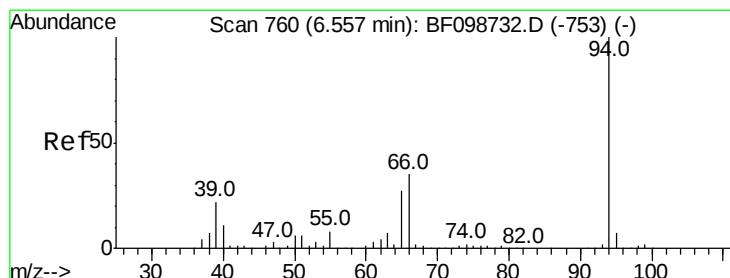
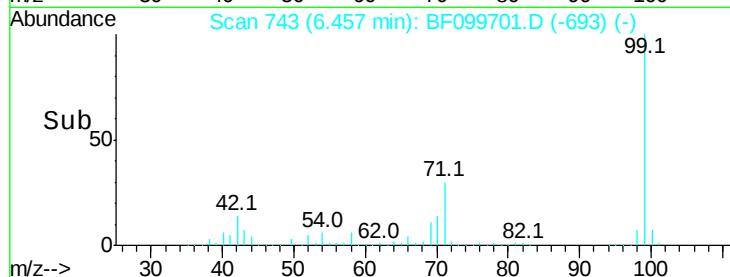
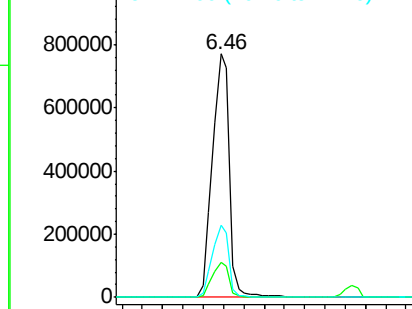
99 100

42 14.4 14.5 21.7#

71 29.7 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: 4.337 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

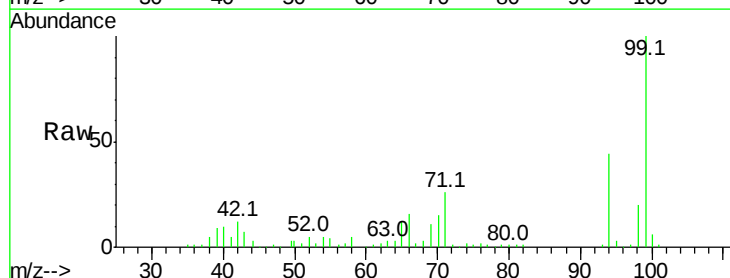
Tgt Ion: 94 Resp: 36769

Ion Ratio Lower Upper

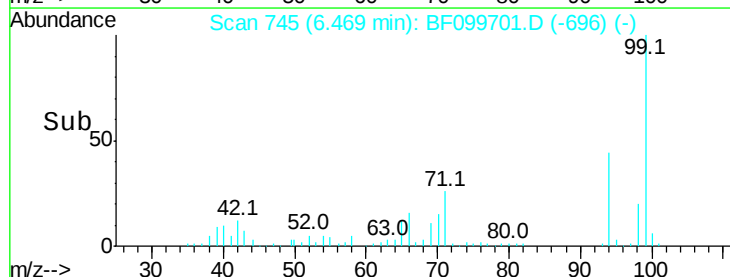
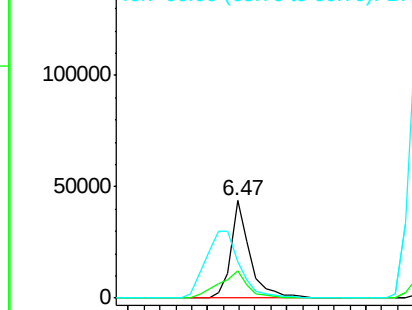
94 100

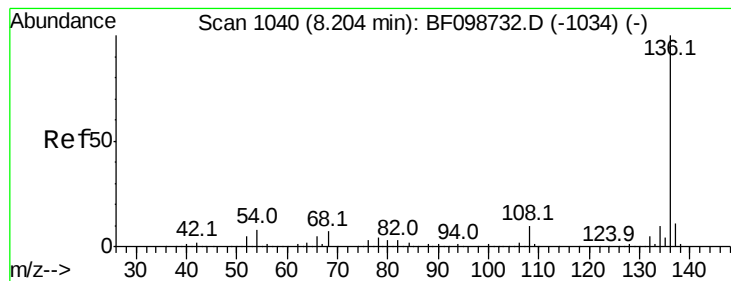
65 27.5 7.9 47.9

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: BF099701.D

Acq: 20 Oct 2017 15:24

Instrument :

BNA_F

ClientSampleId :

ENV-115-1(10-15)

Tot Ion:136 Resp: 401970

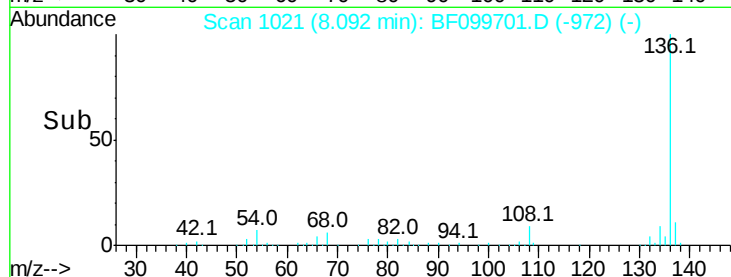
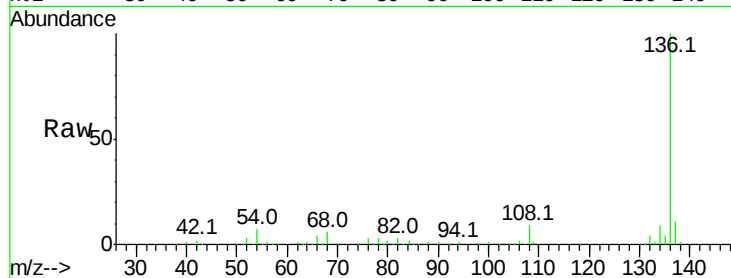
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.7 6.6 9.8

68 5.8 5.0 7.4

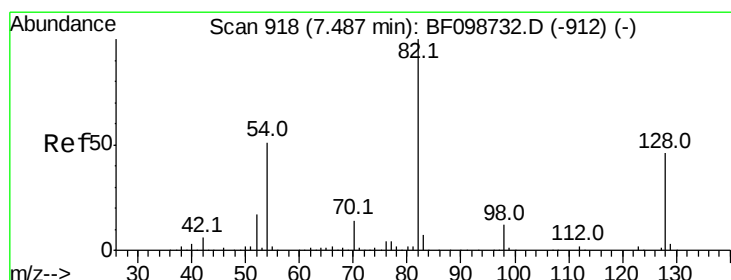
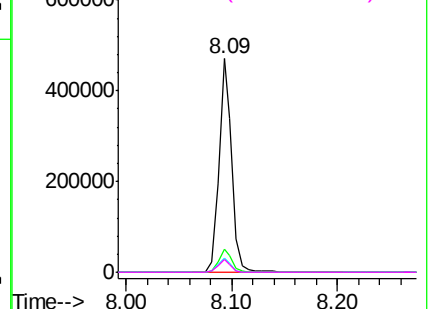


Abundance Ion 136.00 (135.70 to 136.70): E

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: 84.346 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.01 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

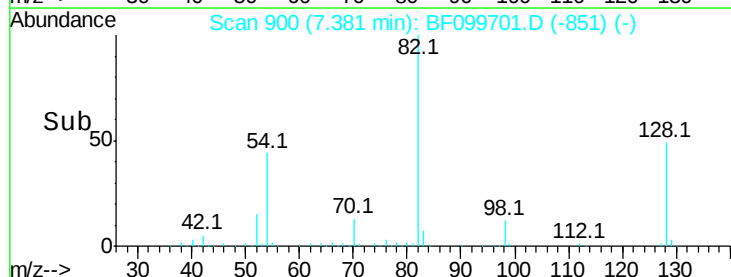
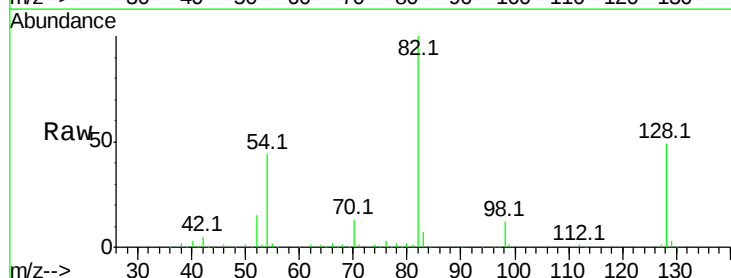
Tgt Ion: 82 Resp: 528683

Ion Ratio Lower Upper

82 100

128 49.3 36.1 54.1

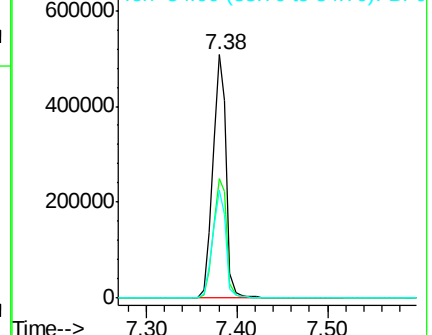
54 44.2 41.4 62.2

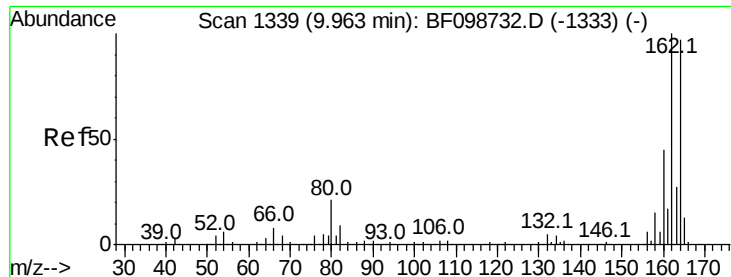


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

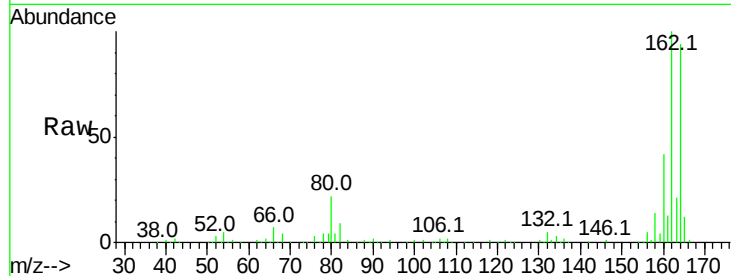




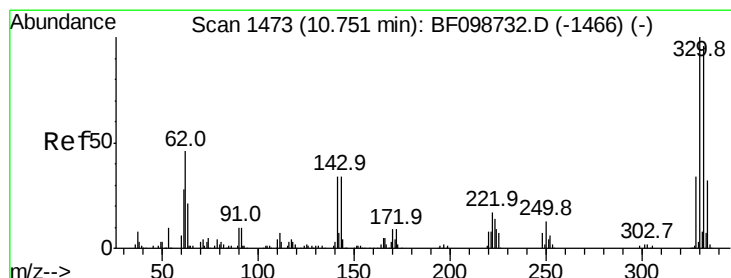
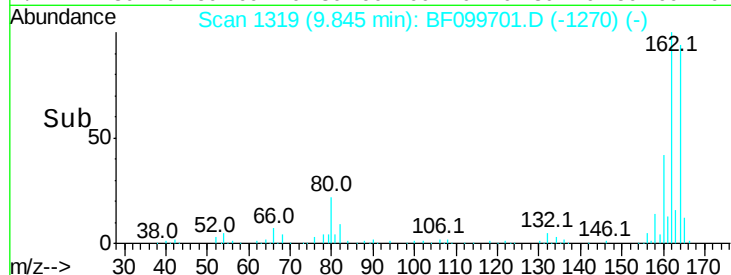
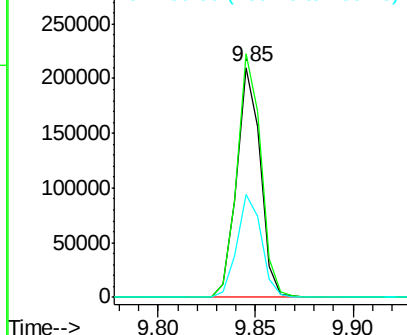
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-1(10-15)

Tot Ion:164 Resp: 176425
 Ion Ratio Lower Upper
 164 100
 162 106.0 86.1 129.1
 160 44.7 38.3 57.5

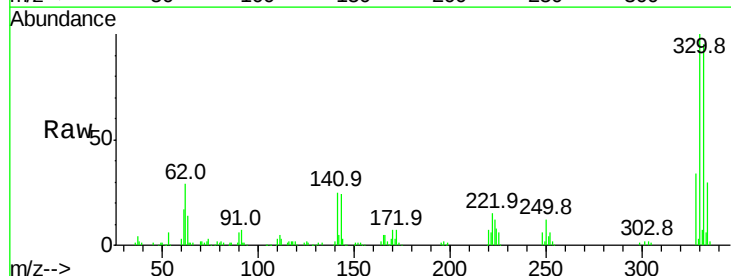


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

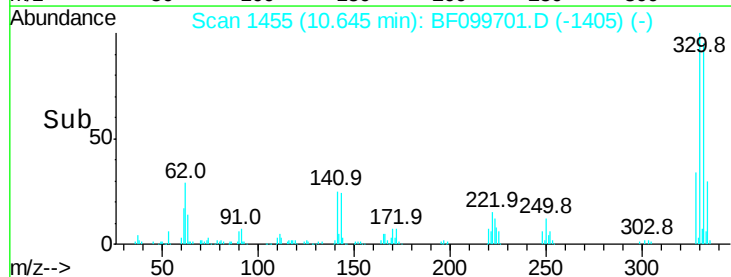
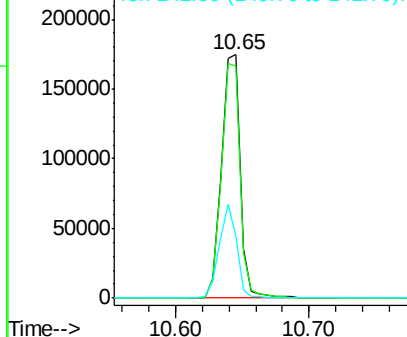


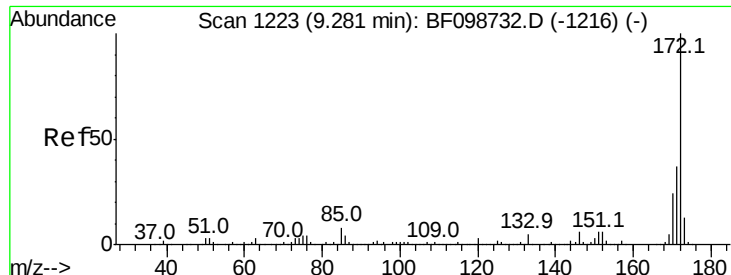
#41
 2,4,6-Tribromophenol
 Concen: 120.891 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Tgt Ion:330 Resp: 174522
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.0 115.6
 141 35.9 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

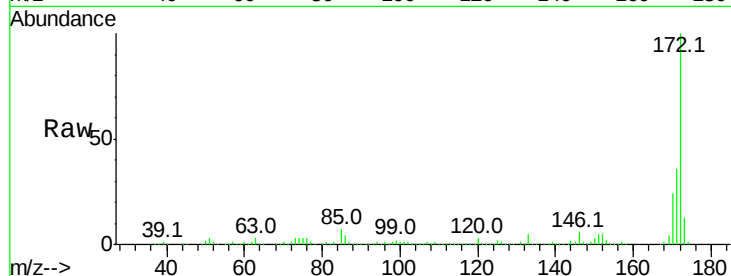




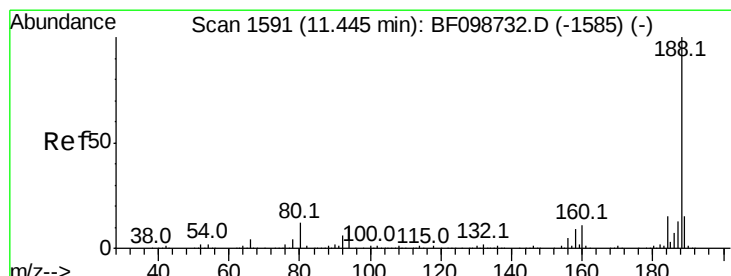
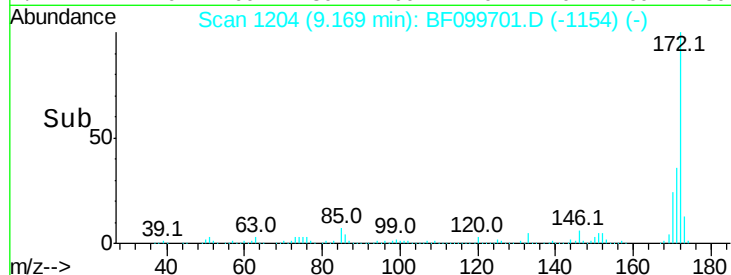
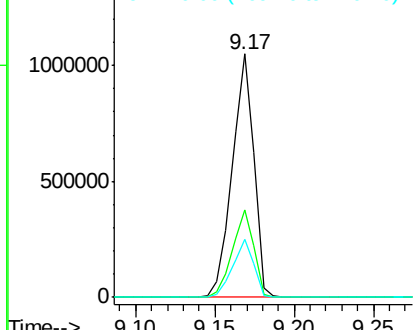
#44
 2-Fluorobiphenyl
 Concen: 93.624 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-1(10-15)

Tot Ion:172 Resp: 989421
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.8 19.6 29.4

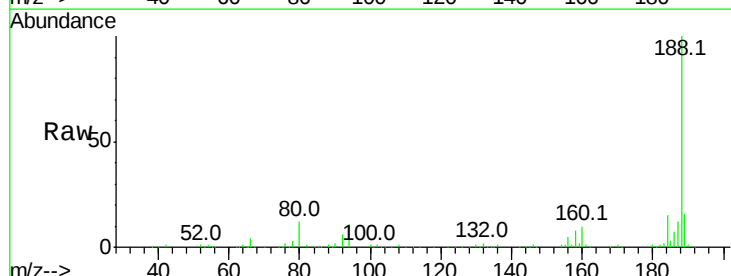


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

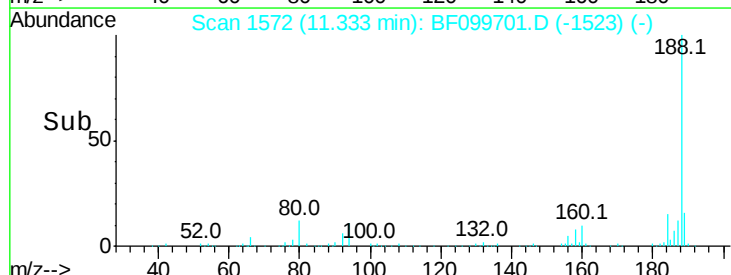
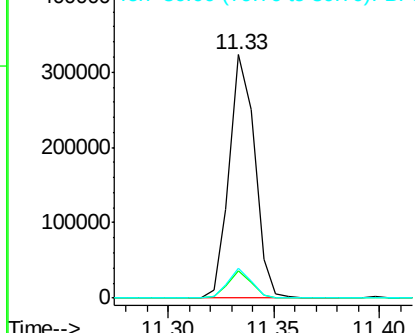


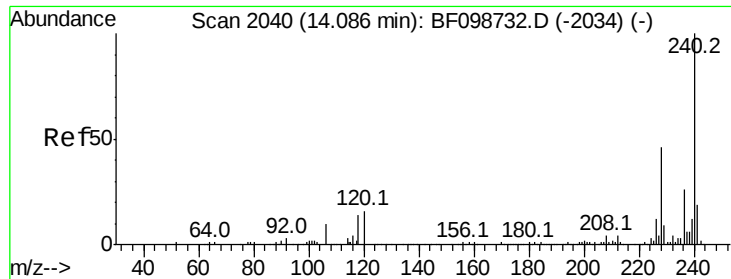
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Tgt Ion:188 Resp: 269398
 Ion Ratio Lower Upper
 188 100
 94 11.2 8.5 12.7
 80 12.3 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: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

Instrument :

BNA_F

ClientSampleId :

ENV-115-1(10-15)

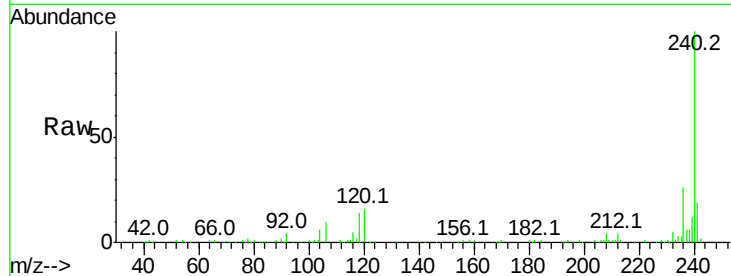
Tot Ion:240 Resp: 165321

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

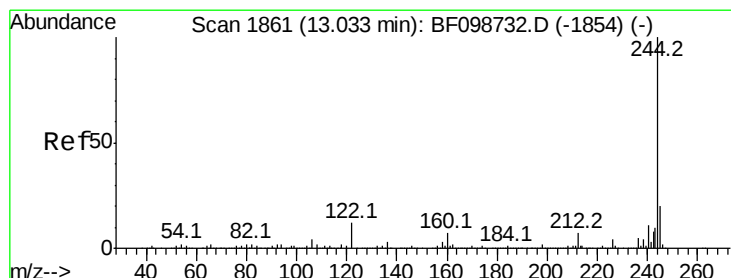
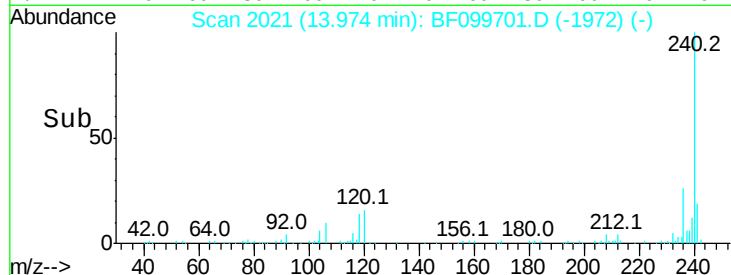
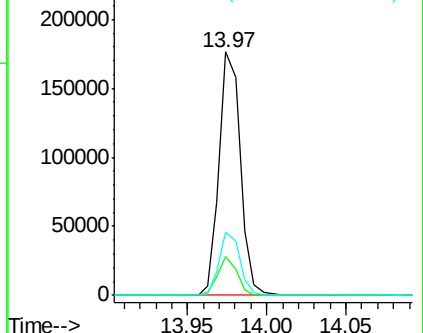
236 25.7 20.7 31.1



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: 86.083 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF099701.D

Acq: 20 Oct 2017 15:24

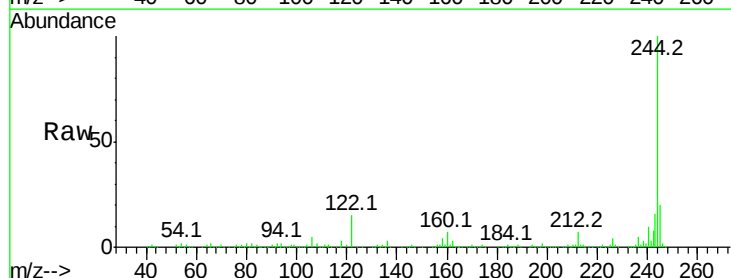
Tgt Ion:244 Resp: 625774

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

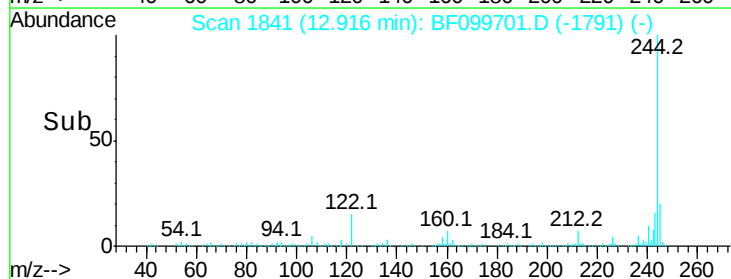
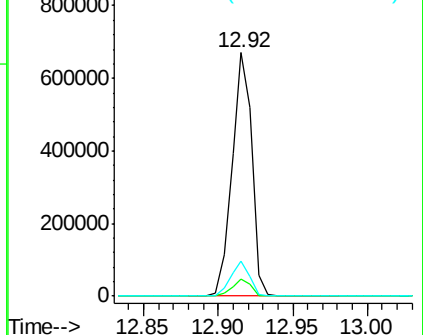
122 14.5 11.0 16.4

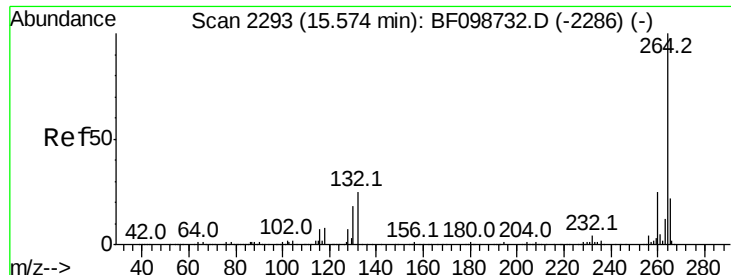


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

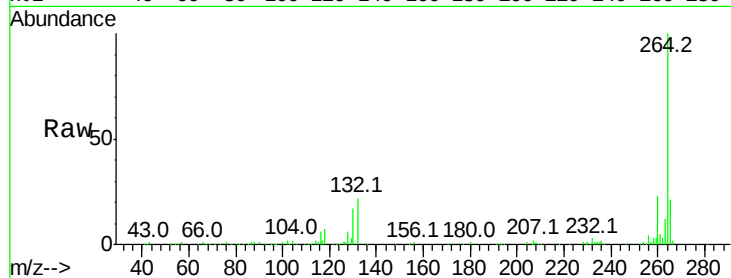




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BF099701.D
 Acq: 20 Oct 2017 15:24

Instrument :
 BNA_F
 ClientSampleId :
 ENV-115-1(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.3	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

