

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101017\
 Data File : BF099299.D
 Acq On : 10 Oct 2017 14:15
 Operator : SJ/JU
 Sample : I5651-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

Quant Time: Oct 10 16:32:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

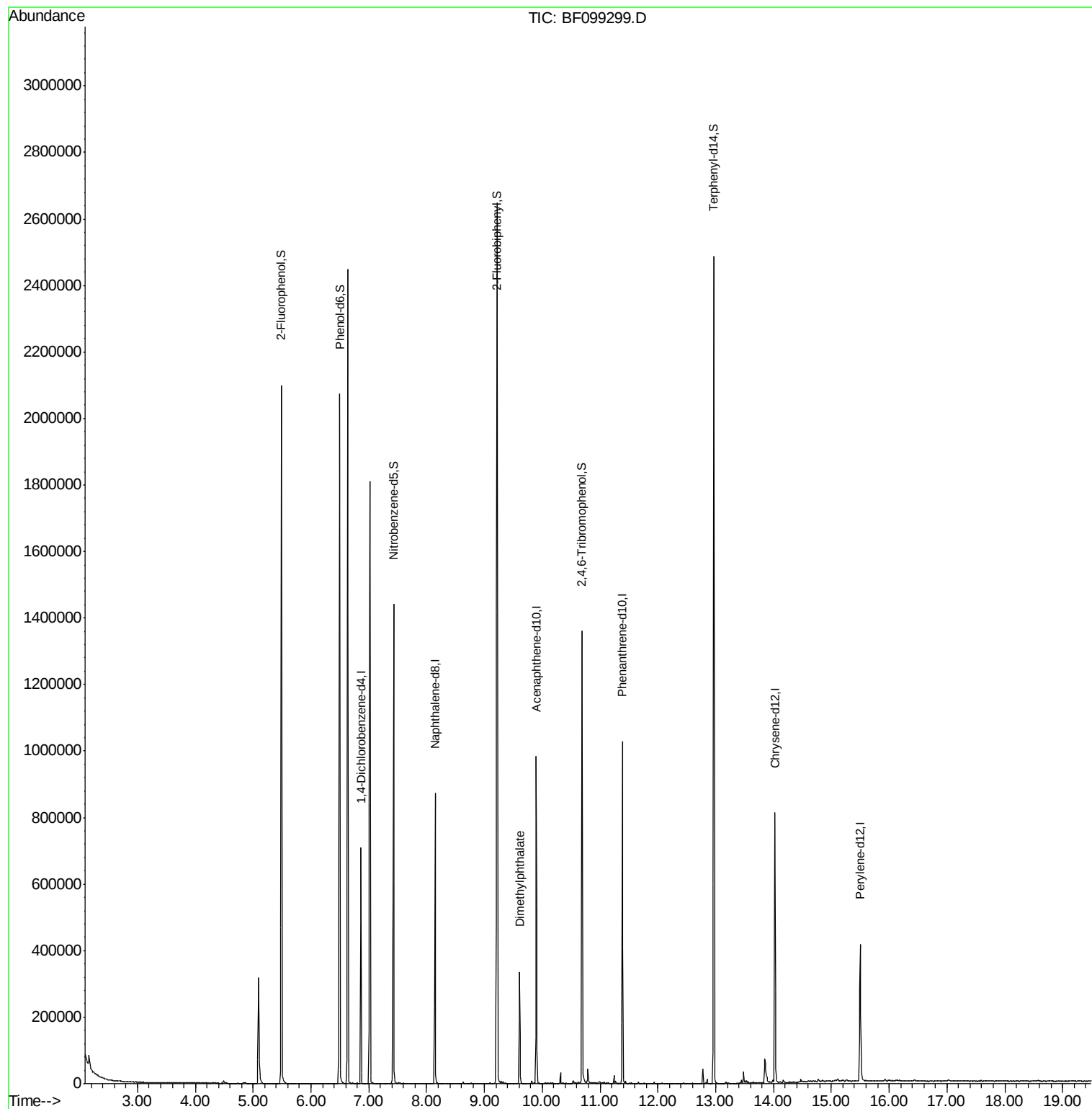
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	101078	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	410862	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	187201	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	341292	20.00	ng	0.00
75) Chrysene-d12	14.03	240	278263	20.00	ng	0.00
86) Perylene-d12	15.50	264	195768	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	689497	108.59	ng	0.00
7) Phenol-d6	6.50	99	828728	105.80	ng	0.00
23) Nitrobenzene-d5	7.43	82	489231	76.36	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	171922	112.23	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	924457	82.44	ng	-0.01
78) Terphenyl-d14	12.97	244	877370	71.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.61	163	134803	9.541	ng	99

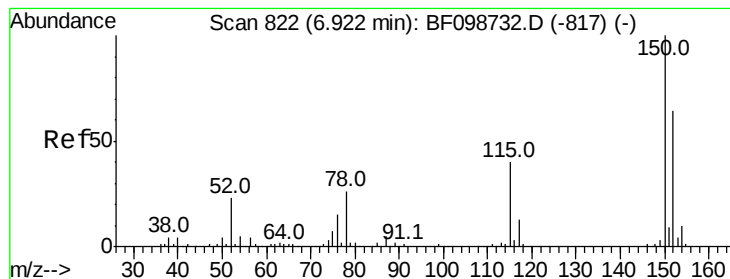
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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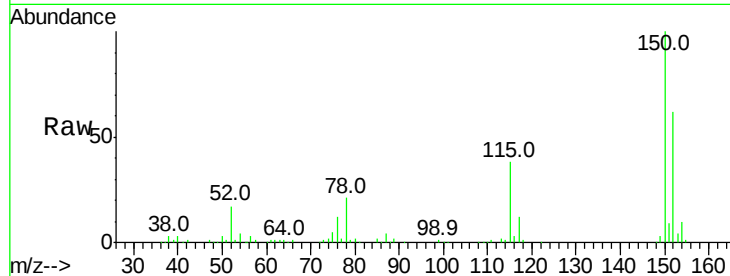


#1

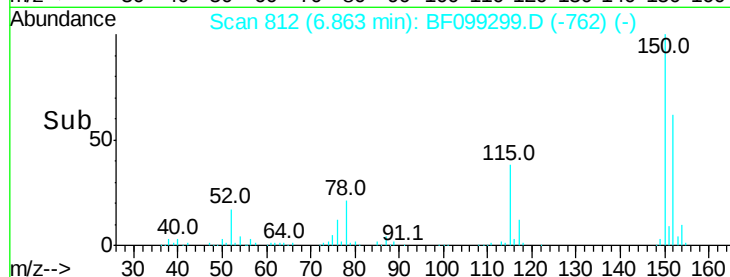
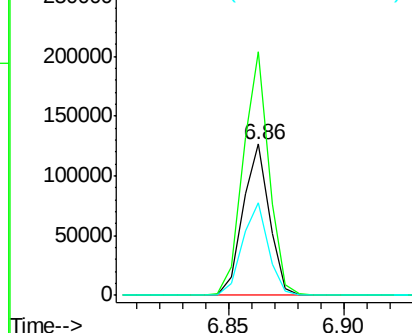
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099299.D
 Acq: 10 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

Tot Ion:152 Resp: 101078
 Ion Ratio Lower Upper
 152 100
 150 161.3 124.6 186.8
 115 61.2 50.1 75.1



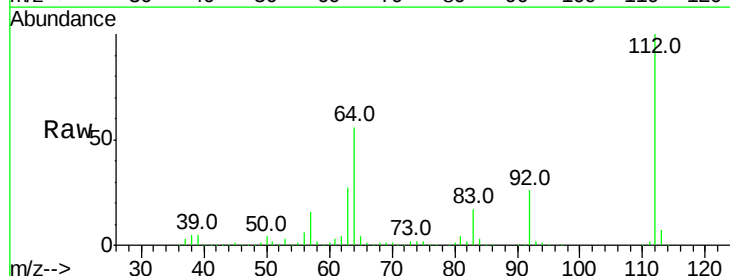
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



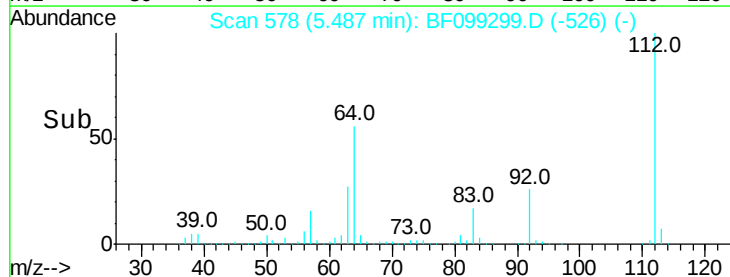
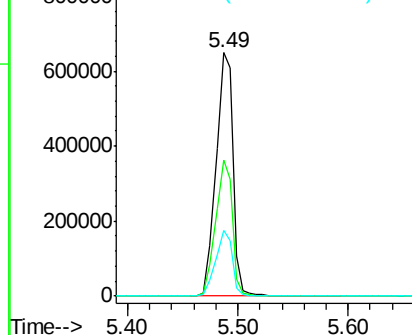
#5

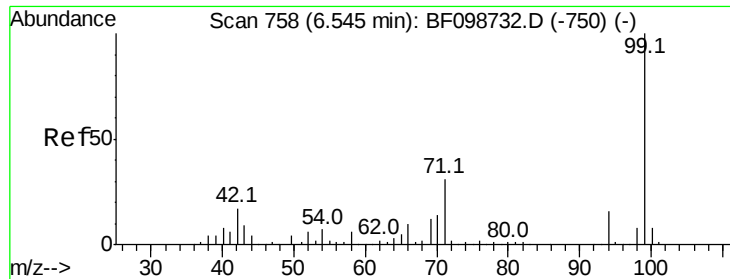
2-Fluorophenol
 Concen: 108.590 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099299.D
 Acq: 10 Oct 2017 14:15

Tgt Ion:112 Resp: 689497
 Ion Ratio Lower Upper
 112 100
 64 55.9 47.9 71.9
 63 27.0 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: 105.802 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF099299.D

Acq: 10 Oct 2017 14:15

Instrument :

BNA_F

ClientSampleId :

ENV-116-1(10-15)

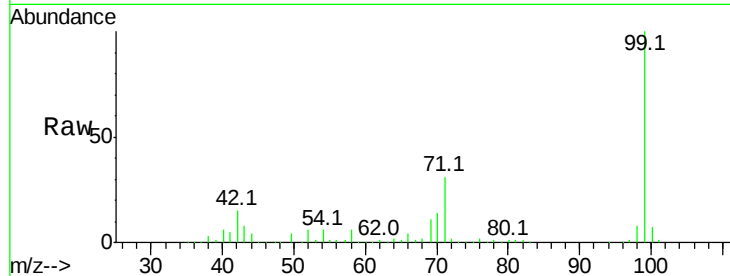
Tot Ion: 99 Resp: 828728

Ion Ratio Lower Upper

99 100

42 15.0 14.5 21.7

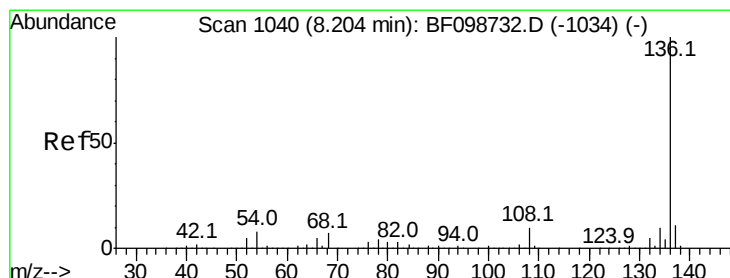
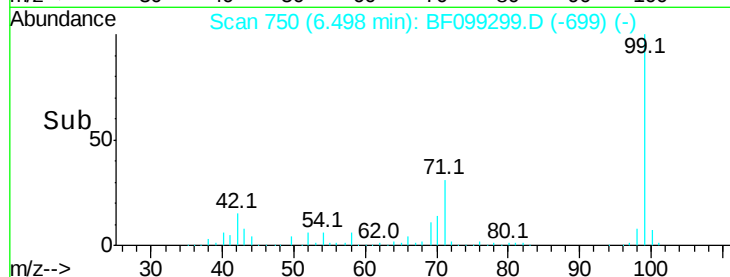
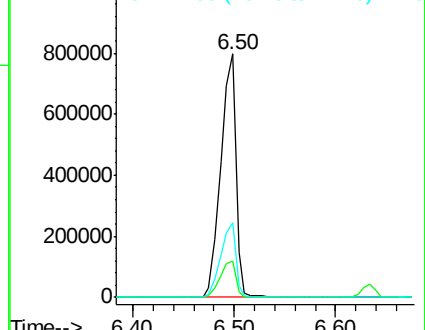
71 30.7 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099299.D

Acq: 10 Oct 2017 14:15

Tgt Ion: 136 Resp: 410862

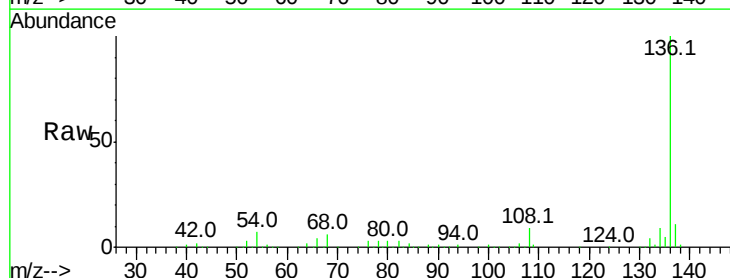
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.7 6.6 9.8

68 5.6 5.0 7.4

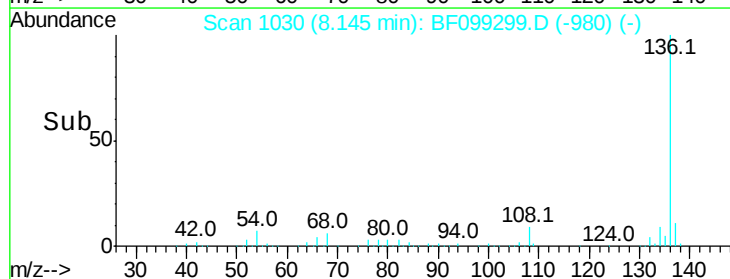
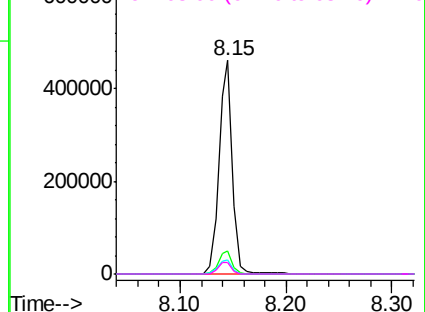


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

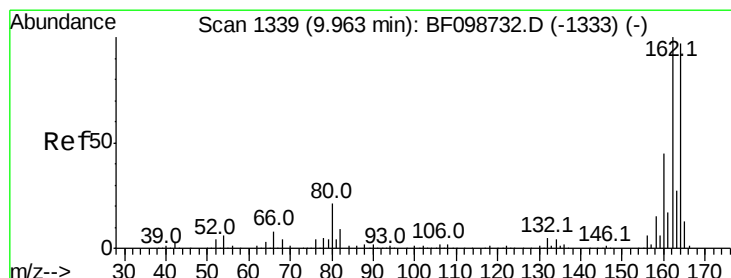
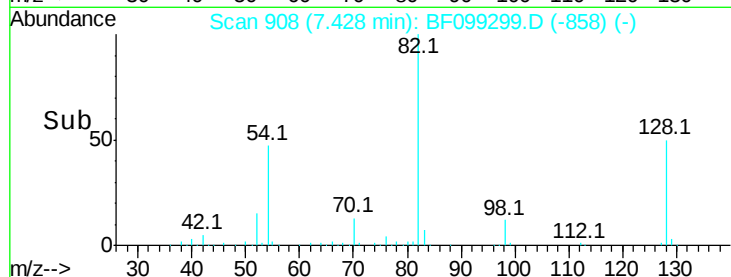
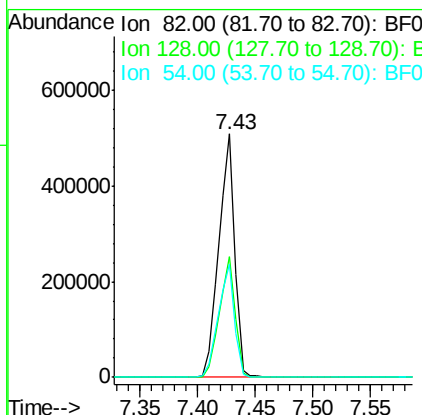
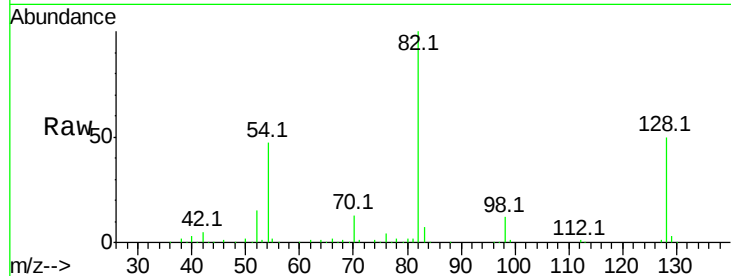




#23
 Nitrobenzene-d5
 Concen: 76.363 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099299.D
 Acq: 10 Oct 2017 14:15

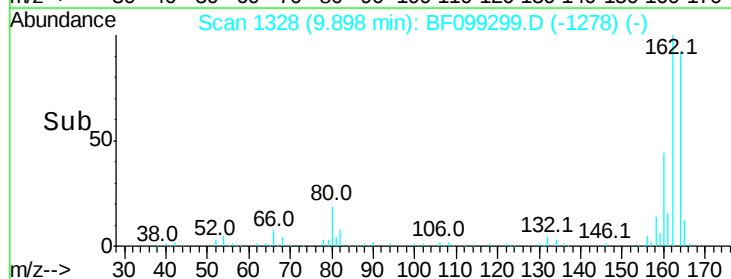
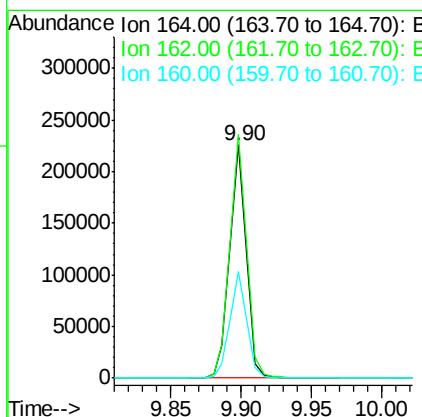
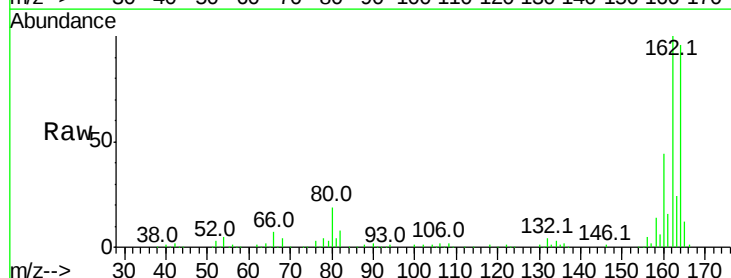
Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

Tot Ion: 82 Resp: 489231
 Ion Ratio Lower Upper
 82 100
 128 49.6 36.1 54.1
 54 46.6 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099299.D
 Acq: 10 Oct 2017 14:15

Tgt Ion:164 Resp: 187201
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 45.9 38.3 57.5

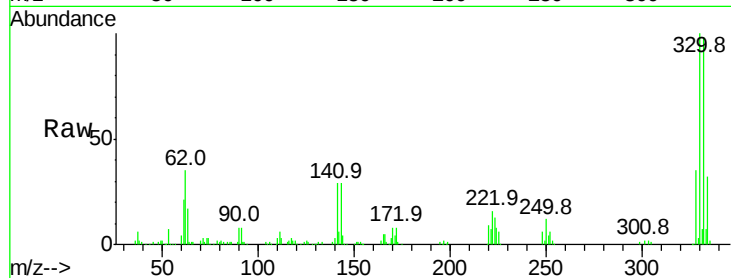




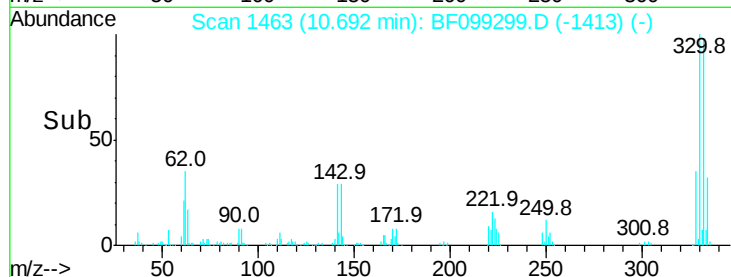
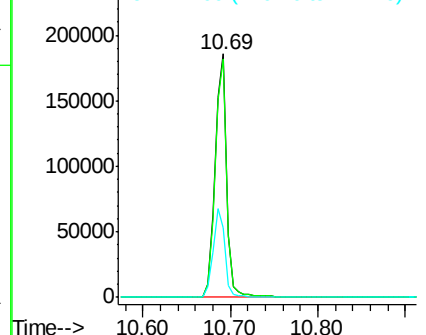
#41
 2,4,6-Tribromophenol
 Concen: 112.234 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099299.D
 Acq: 10 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	37.2	29.9	44.9

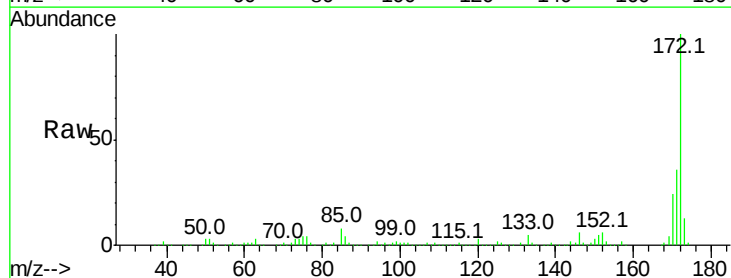


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

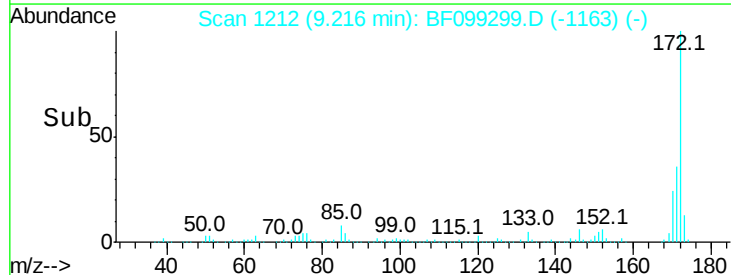
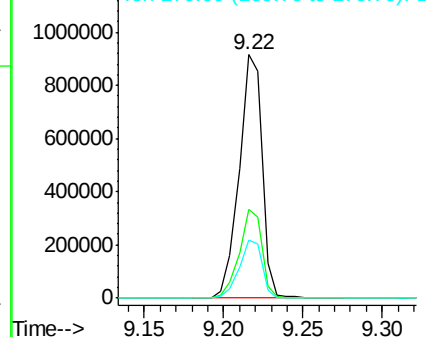


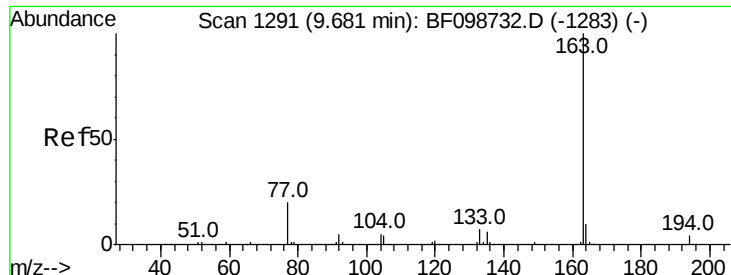
#44
 2-Fluorobiphenyl
 Concen: 82.441 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099299.D
 Acq: 10 Oct 2017 14:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.9	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

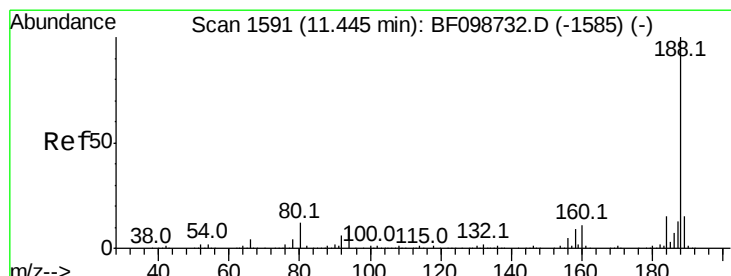
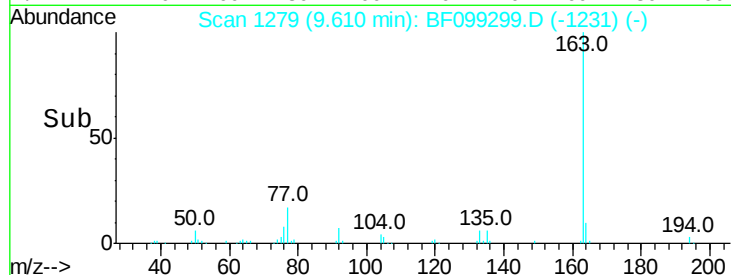
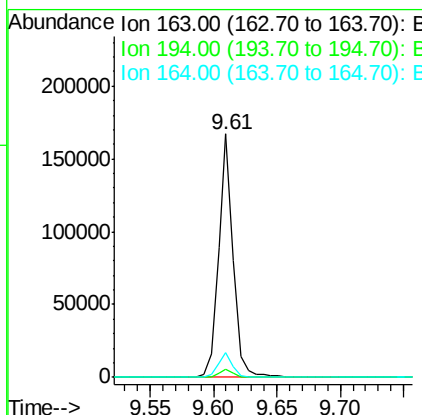
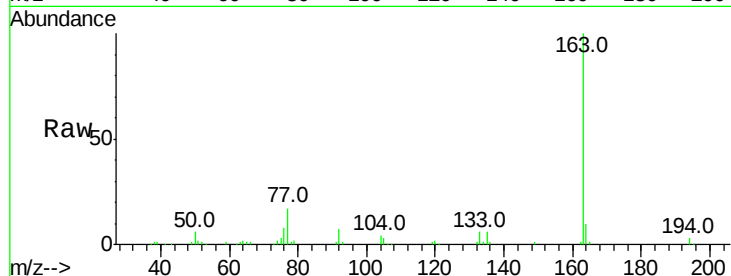




#49
Dimethylphthalate
Concen: 9.541 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

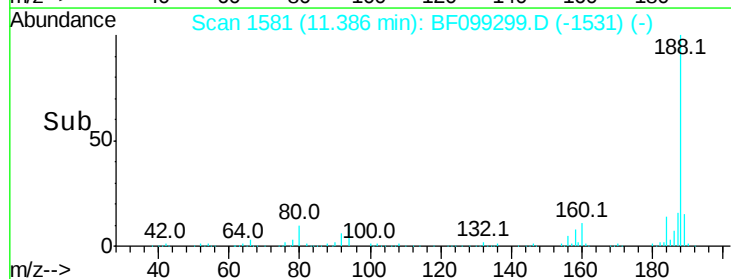
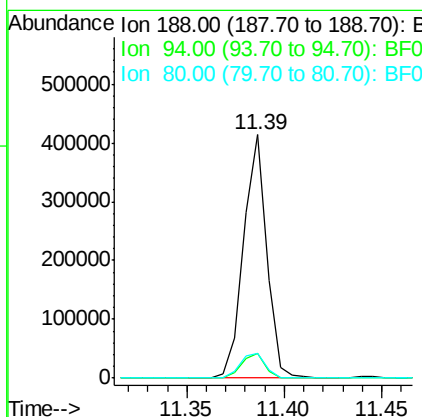
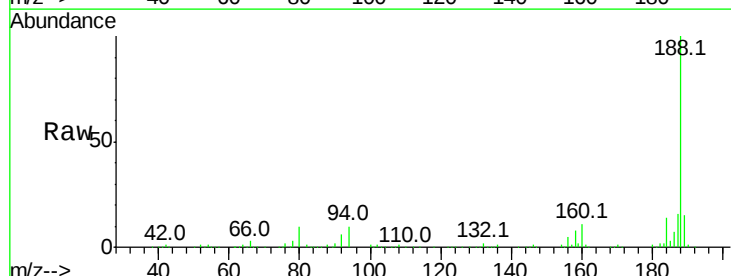
Instrument :
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ClientSampleId :
ENV-116-1(10-15)

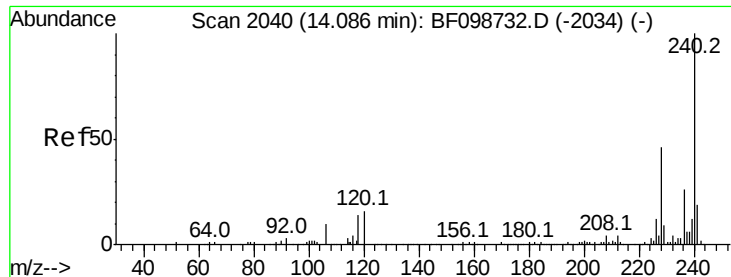
Tot Ion:163 Resp: 134803
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.9 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099299.D
Acq: 10 Oct 2017 14:15

Tgt Ion:188 Resp: 341292
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.3 9.2 13.8

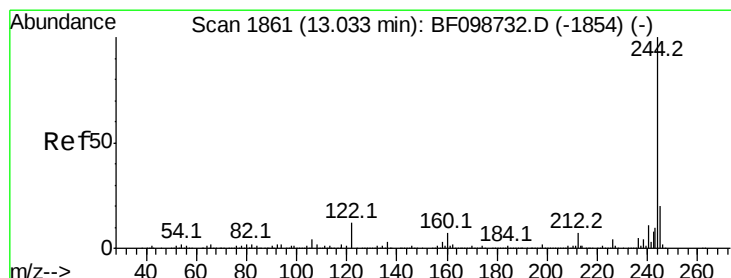
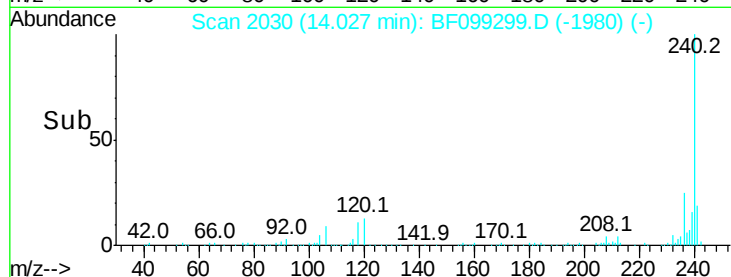
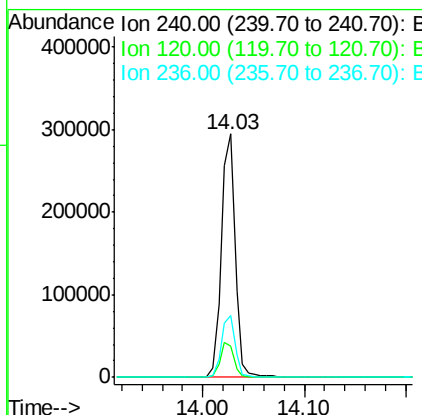
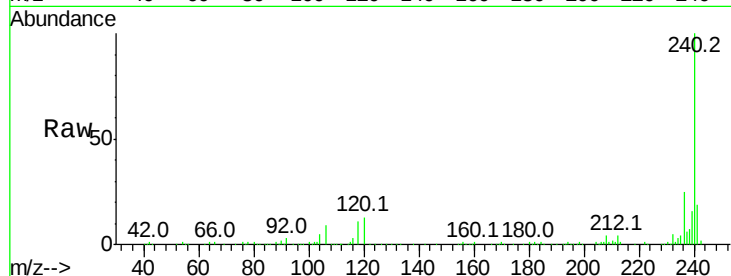




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF099299.D
 Acq: 10 Oct 2017 14:15

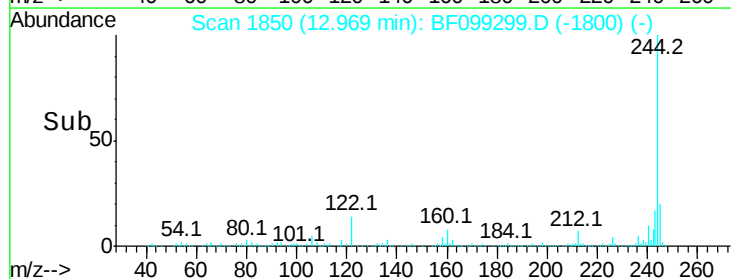
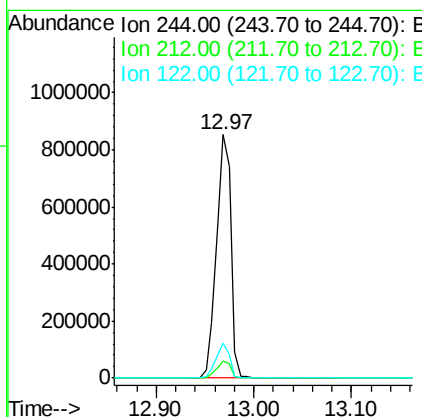
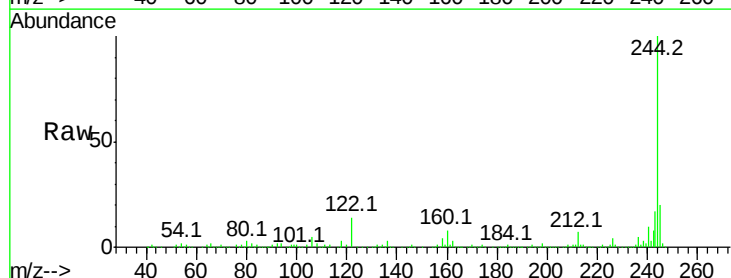
Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

Tot Ion:240 Resp: 278263
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 25.5 20.7 31.1



#78
 Terphenyl-d14
 Concen: 71.706 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF099299.D
 Acq: 10 Oct 2017 14:15

Tgt Ion:244 Resp: 877370
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.3 11.0 16.4

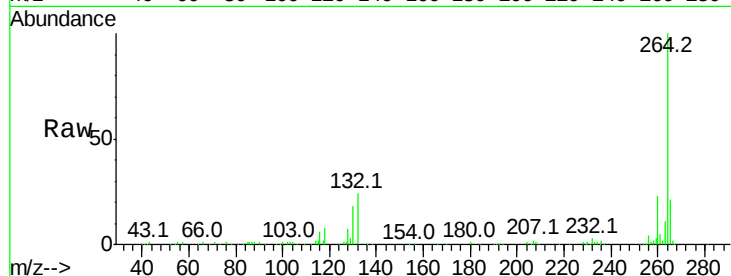




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099299.D
 Acq: 10 Oct 2017 14:15

Instrument :
 BNA_F
 ClientSampleId :
 ENV-116-1(10-15)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.2	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

