

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102717\
 Data File : BF099905.D
 Acq On : 28 Oct 2017 5:10
 Operator : SJ/JU
 Sample : I6029-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-3(10-15)

Quant Time: Oct 28 05:58:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 27 15:58:57 2017
 Response via : Initial Calibration

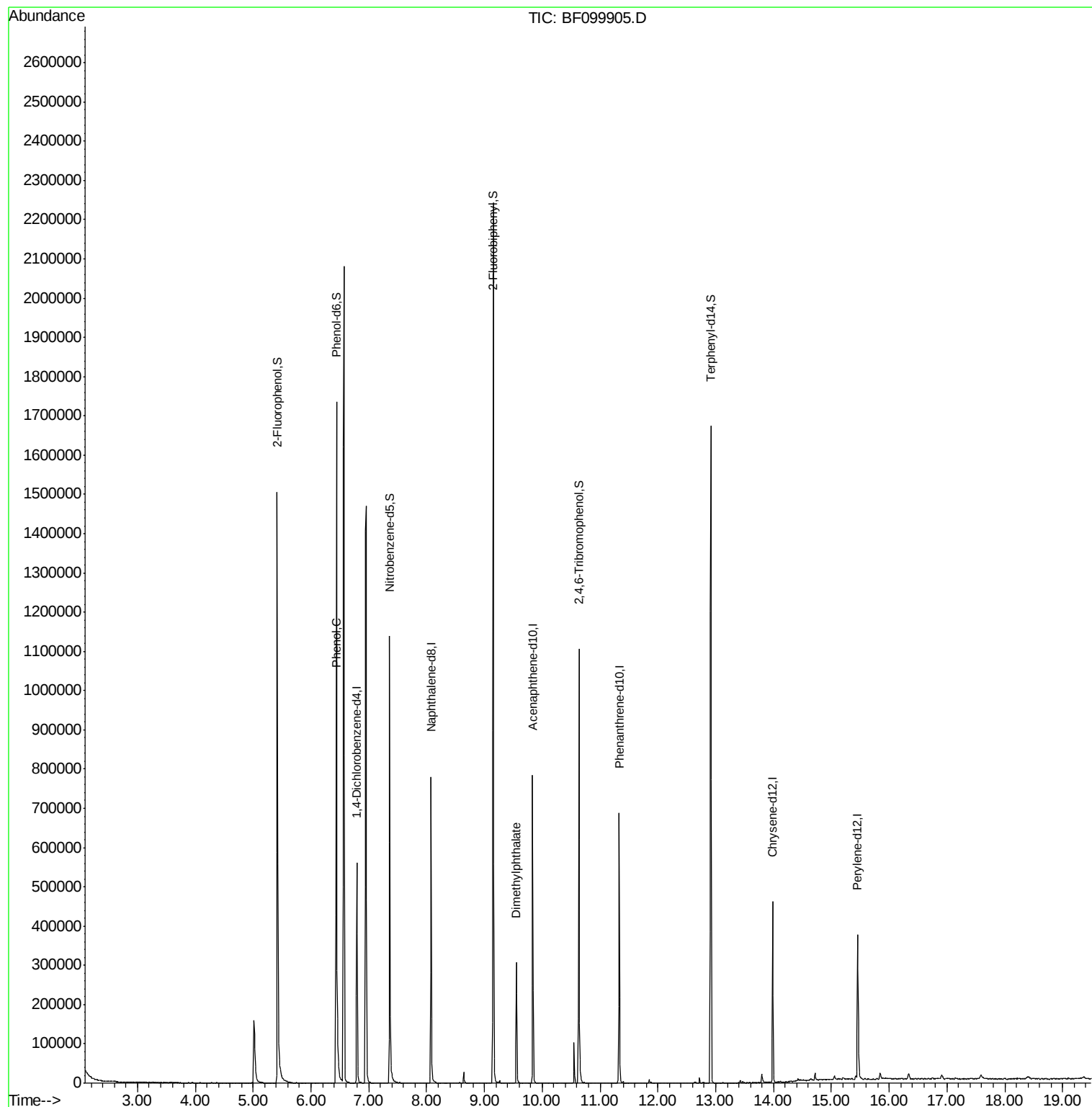
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	92114	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	377446	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	170591	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	272149	20.00	ng	0.00
75) Chrysene-d12	13.99	240	169590	20.00	ng	0.00
86) Perylene-d12	15.46	264	175027	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	595464	101.49	ng	0.00
7) Phenol-d6	6.44	99	709237	101.95	ng	0.00
23) Nitrobenzene-d5	7.36	82	398879	68.04	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	139619	89.81	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	788407	71.30	ng	0.00
78) Terphenyl-d14	12.92	244	525351	67.70	ng	0.00
Target Compounds						
10) Phenol	6.45	94	37321	4.886	ng	98
49) Dimethylphthalate	9.55	163	136783	10.125	ng	99

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

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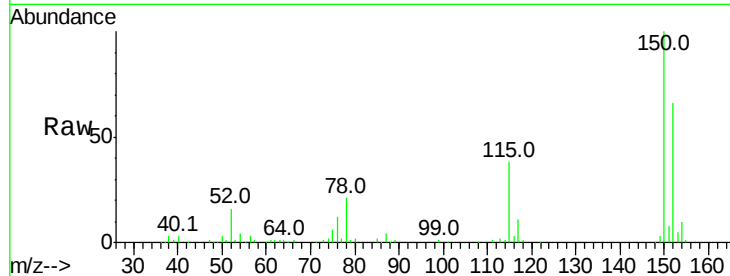


#1

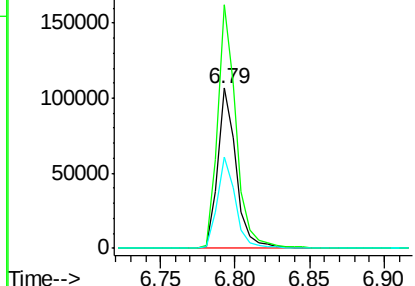
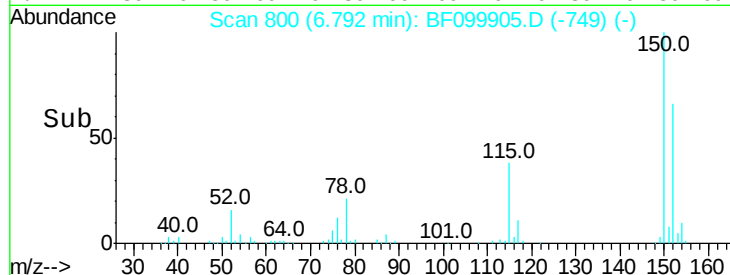
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF099905.D
 Acq: 28 Oct 2017 5:10

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-3(10-15)

Tot Ion:152 Resp: 92114
 Ion Ratio Lower Upper
 152 100
 150 152.3 124.6 186.8
 115 57.4 50.1 75.1



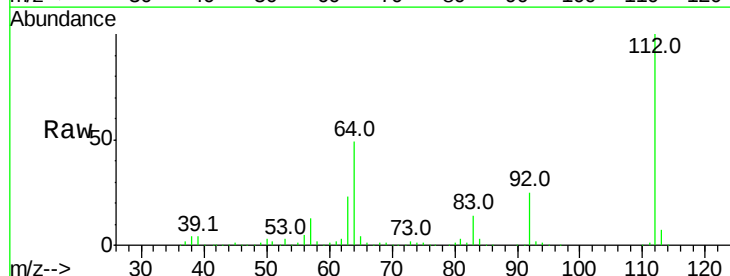
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



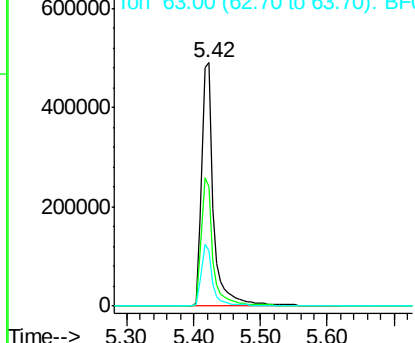
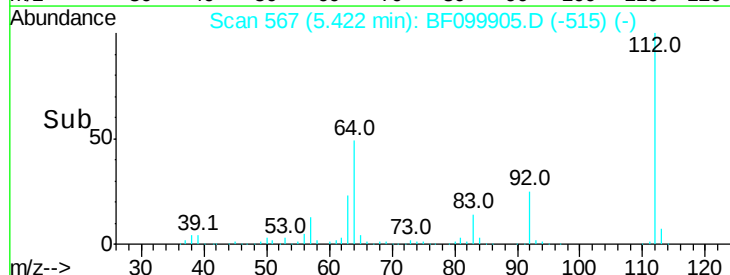
#5

2-Fluorophenol
 Concen: 101.489 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF099905.D
 Acq: 28 Oct 2017 5:10

Tgt Ion:112 Resp: 595464
 Ion Ratio Lower Upper
 112 100
 64 49.2 47.9 71.9
 63 23.0 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: 101.947 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF099905.D

Acq: 28 Oct 2017 5:10

Instrument :

BNA_F

ClientSampleId :

ENV-118-3(10-15)

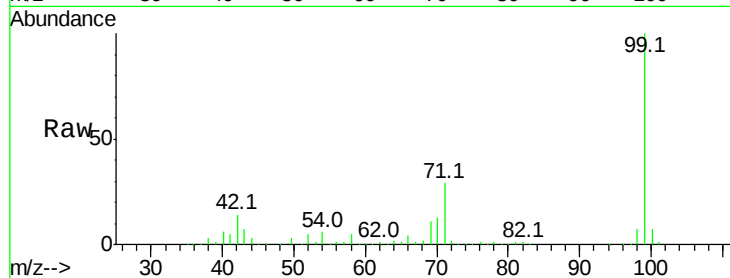
Tot Ion: 99 Resp: 709237

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

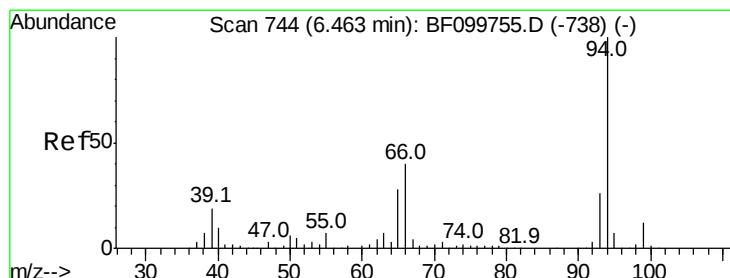
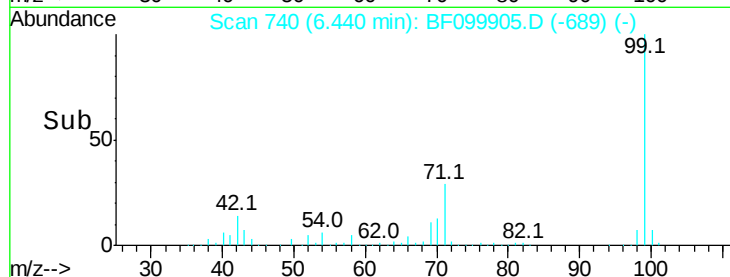
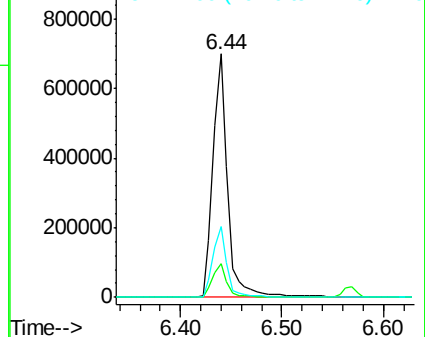
71 29.3 25.4 38.0



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: 4.886 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF099905.D

Acq: 28 Oct 2017 5:10

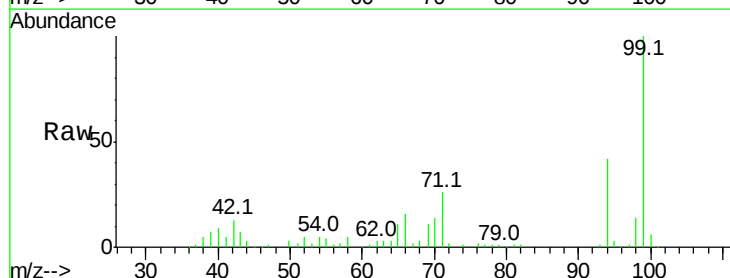
Tgt Ion: 94 Resp: 37321

Ion Ratio Lower Upper

94 100

65 26.7 7.9 47.9

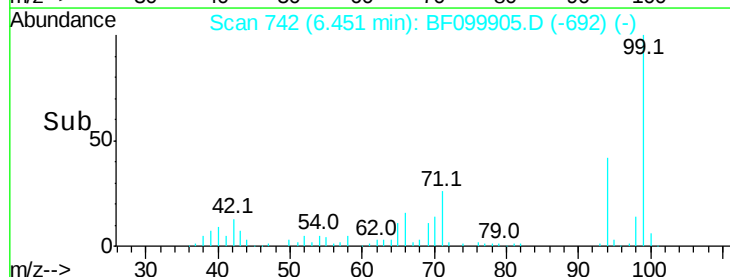
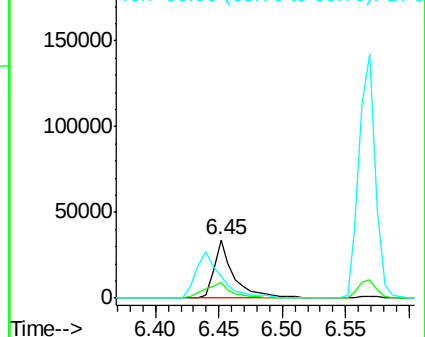
66 37.3 16.2 56.2



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

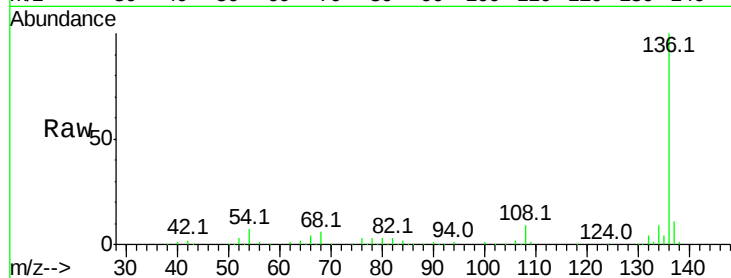




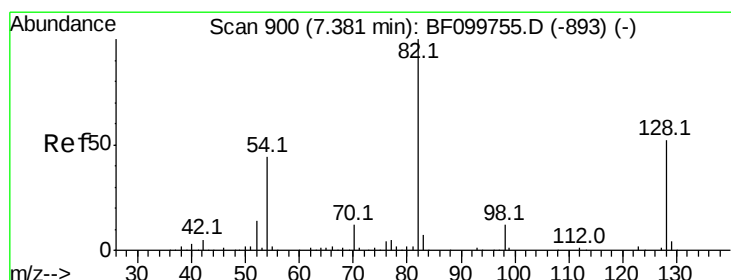
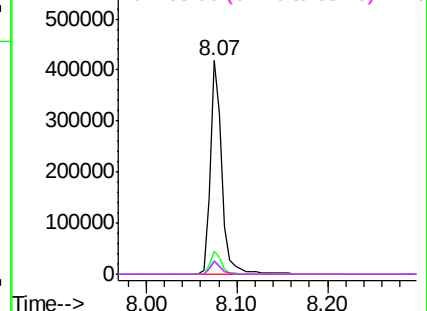
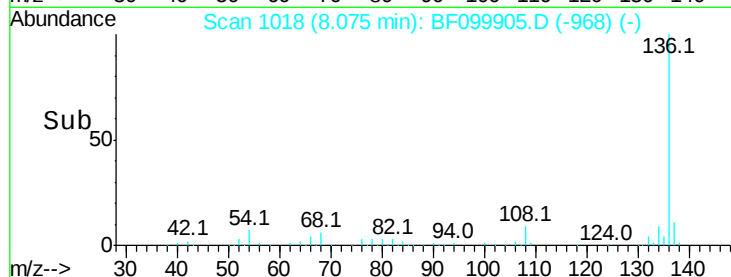
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099905.D
Acq: 28 Oct 2017 5:10

Instrument :
BNA_F
ClientSampleId :
ENV-118-3(10-15)

Tot Ion:	136	Resp:	377446
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.7	6.6	9.8
68	6.0	5.0	7.4

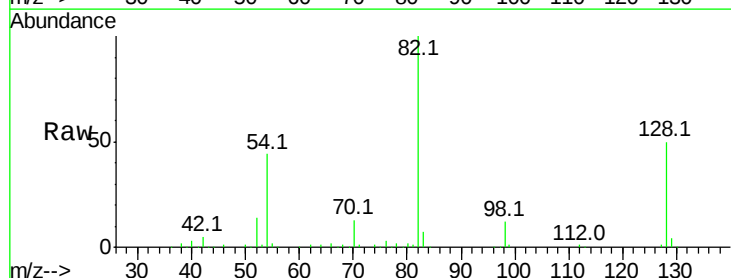


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

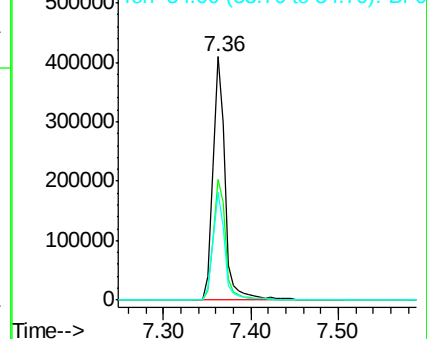
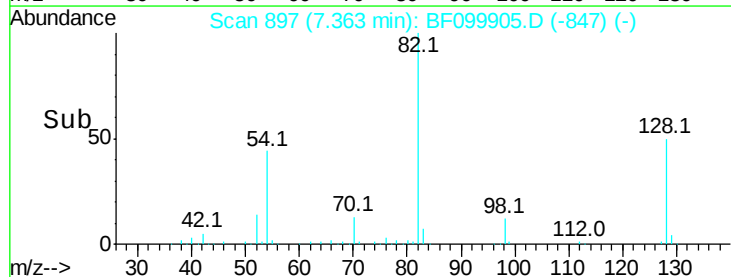


#23
Nitrobenzene-d5
Concen: 68.036 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099905.D
Acq: 28 Oct 2017 5:10

Tgt Ion:	82	Resp:	398879
Ion	Ratio	Lower	Upper
82	100		
128	49.5	36.1	54.1
54	44.4	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

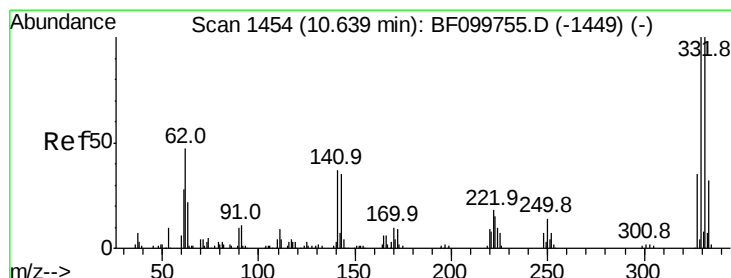
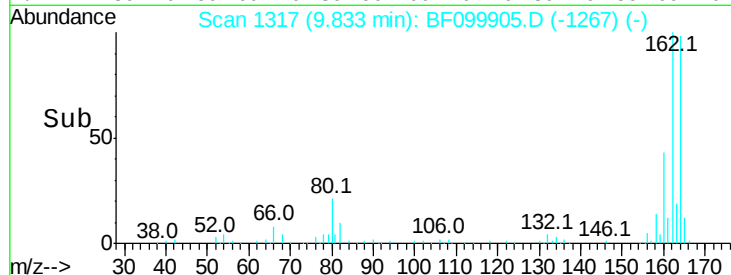
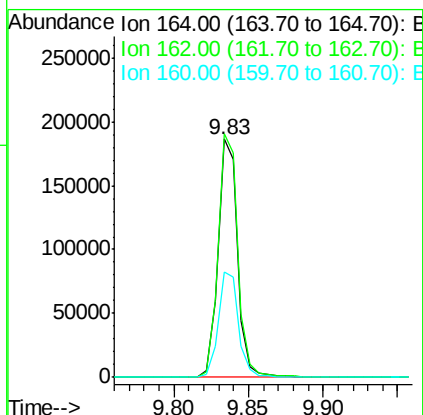
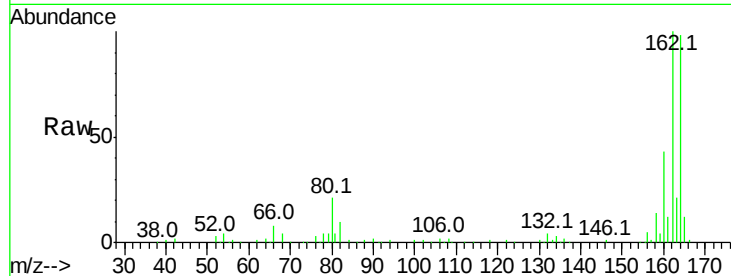




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF099905.D
Acq: 28 Oct 2017 5:10

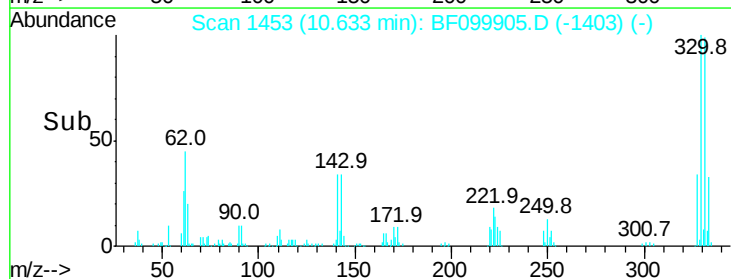
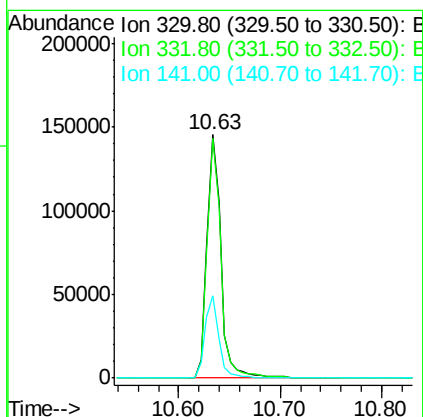
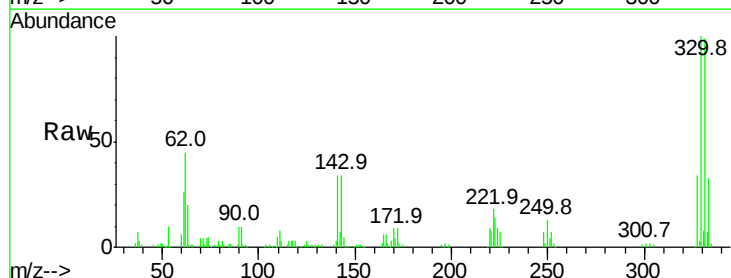
Instrument :
BNA_F
ClientSampleId :
ENV-118-3(10-15)

Tot Ion:164 Resp: 170591
Ion Ratio Lower Upper
164 100
162 102.2 86.1 129.1
160 44.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 89.809 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF099905.D
Acq: 28 Oct 2017 5:10

Tgt Ion:330 Resp: 139619
Ion Ratio Lower Upper
330 100
332 97.8 77.0 115.6
141 33.8 29.9 44.9

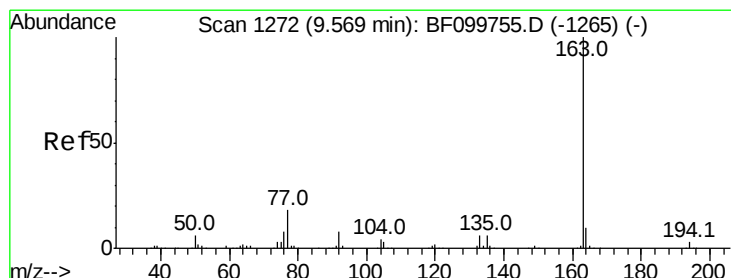
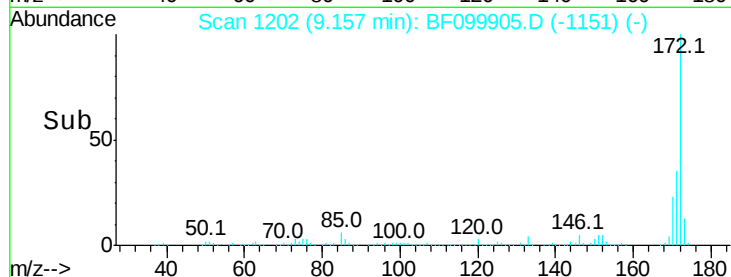
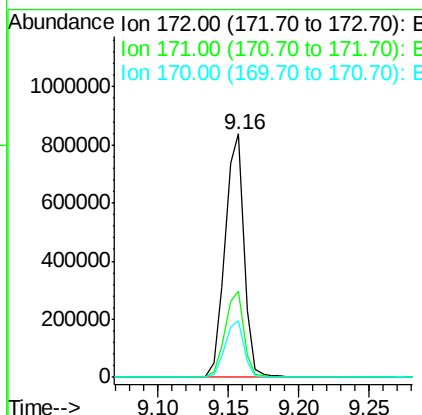
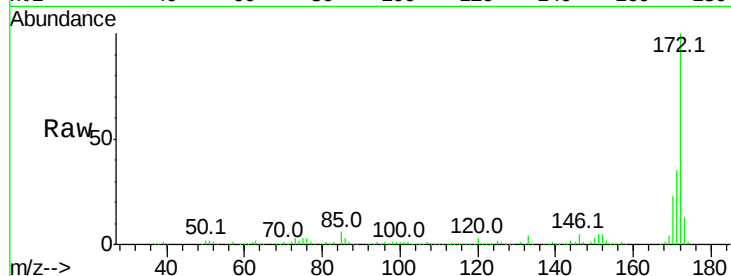




#44
2-Fluorobiphenyl
Concen: 71.304 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF099905.D
Acq: 28 Oct 2017 5:10

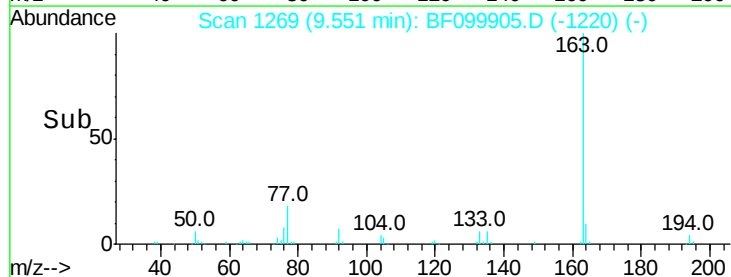
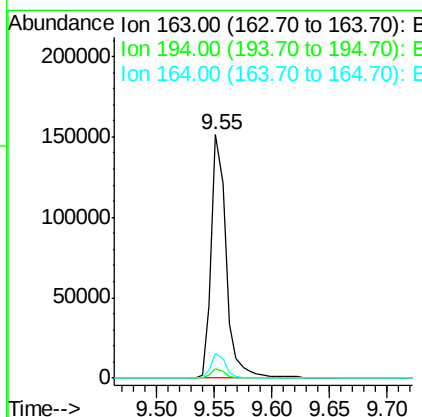
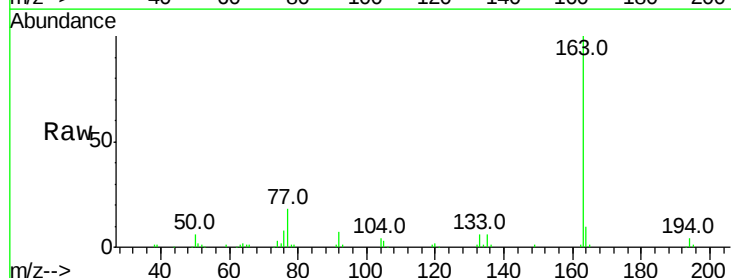
Instrument :
BNA_F
ClientSampleId :
ENV-118-3(10-15)

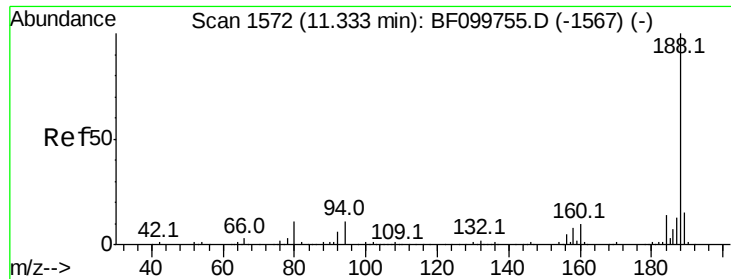
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.2	19.6	29.4



#49
Dimethylphthalate
Concen: 10.125 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF099905.D
Acq: 28 Oct 2017 5:10

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.0	8.2	12.2

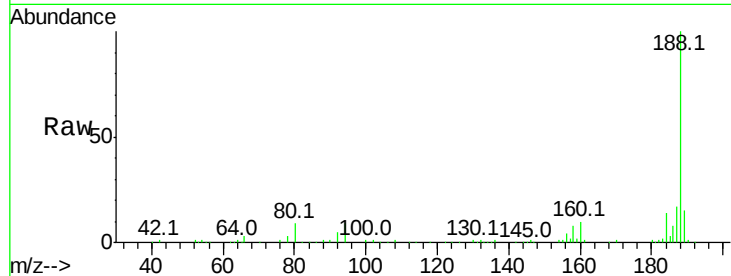




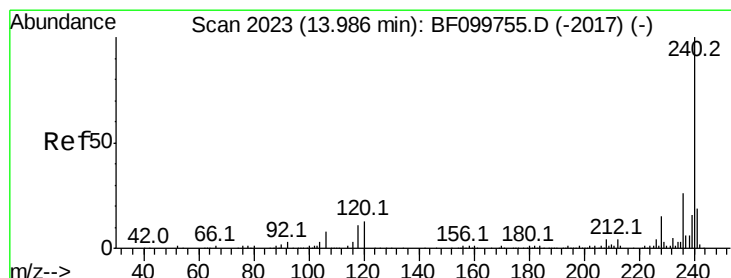
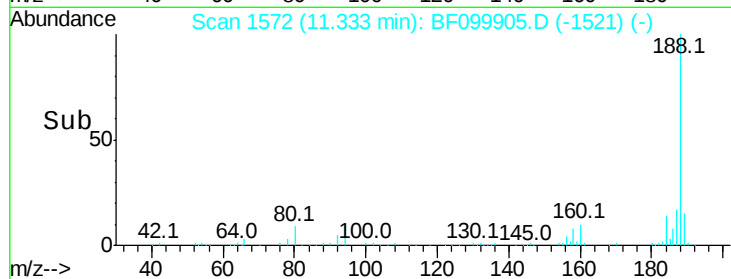
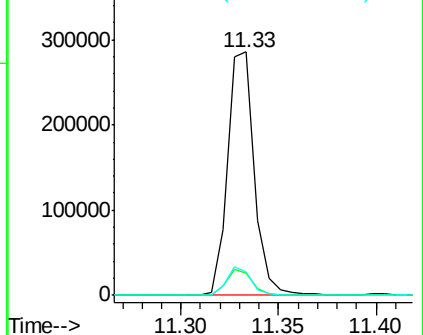
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF099905.D
Acq: 28 Oct 2017 5:10

Instrument :
BNA_F
ClientSampleId :
ENV-118-3(10-15)

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.5	9.2	13.8

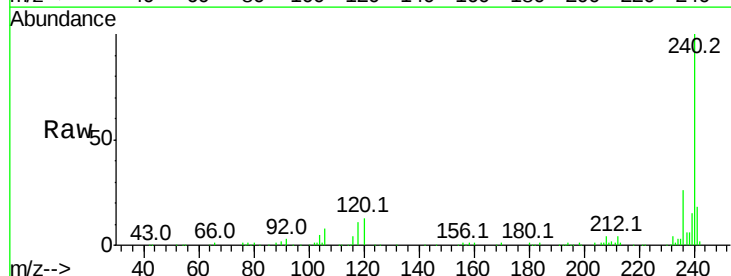


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

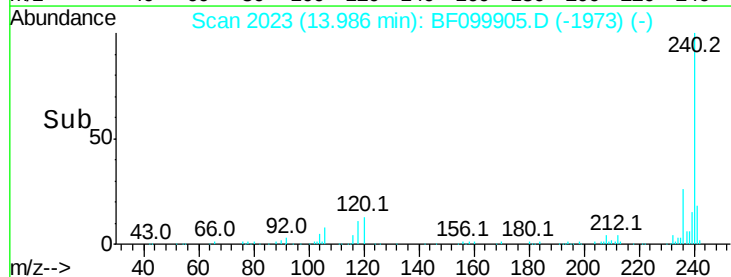
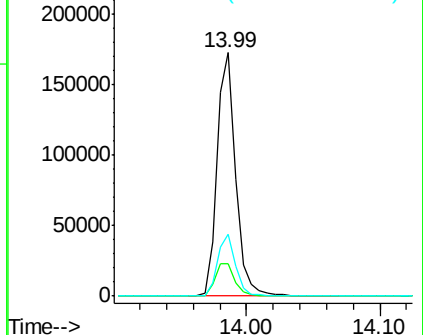


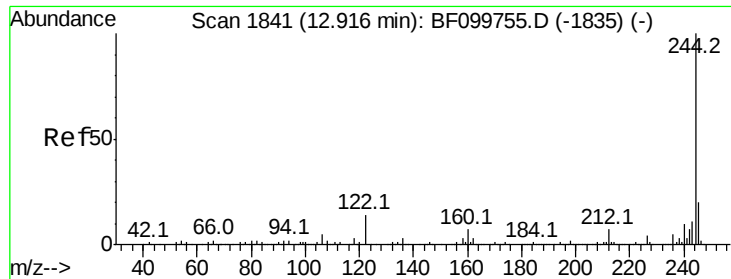
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF099905.D
Acq: 28 Oct 2017 5:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.5	14.3
236	25.6	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

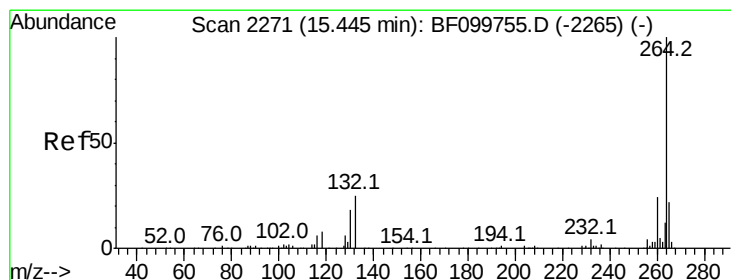
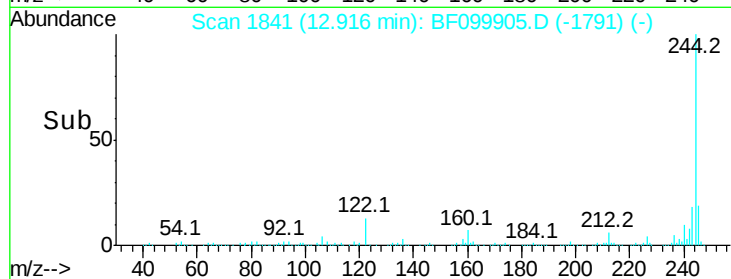
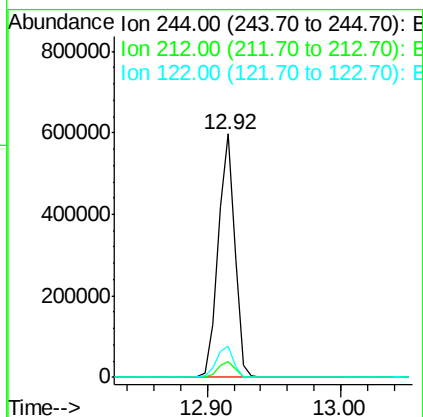
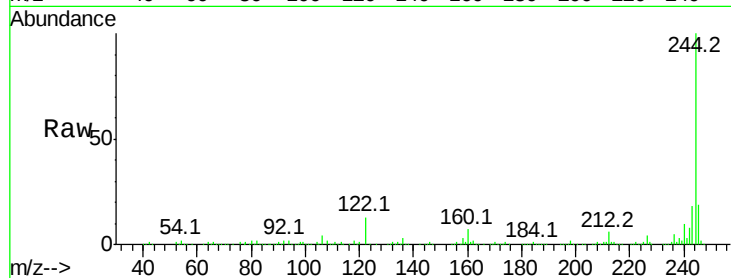




#78
 Terphenyl-d14
 Concen: 67.698 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF099905.D
 Acq: 28 Oct 2017 5:10

Instrument :
 BNA_F
 ClientSampleId :
 ENV-118-3(10-15)

Tot Ion:244 Resp: 525351
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 13.0 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BF099905.D
 Acq: 28 Oct 2017 5:10

Tgt Ion:264 Resp: 175027
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.9 17.5 26.3

