

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098911.D
 Acq On : 28 Sep 2017 16:26
 Operator : SJ/JU
 Sample : I5464-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 092617-TIDO-E-D-M

Quant Time: Sep 29 11:41:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

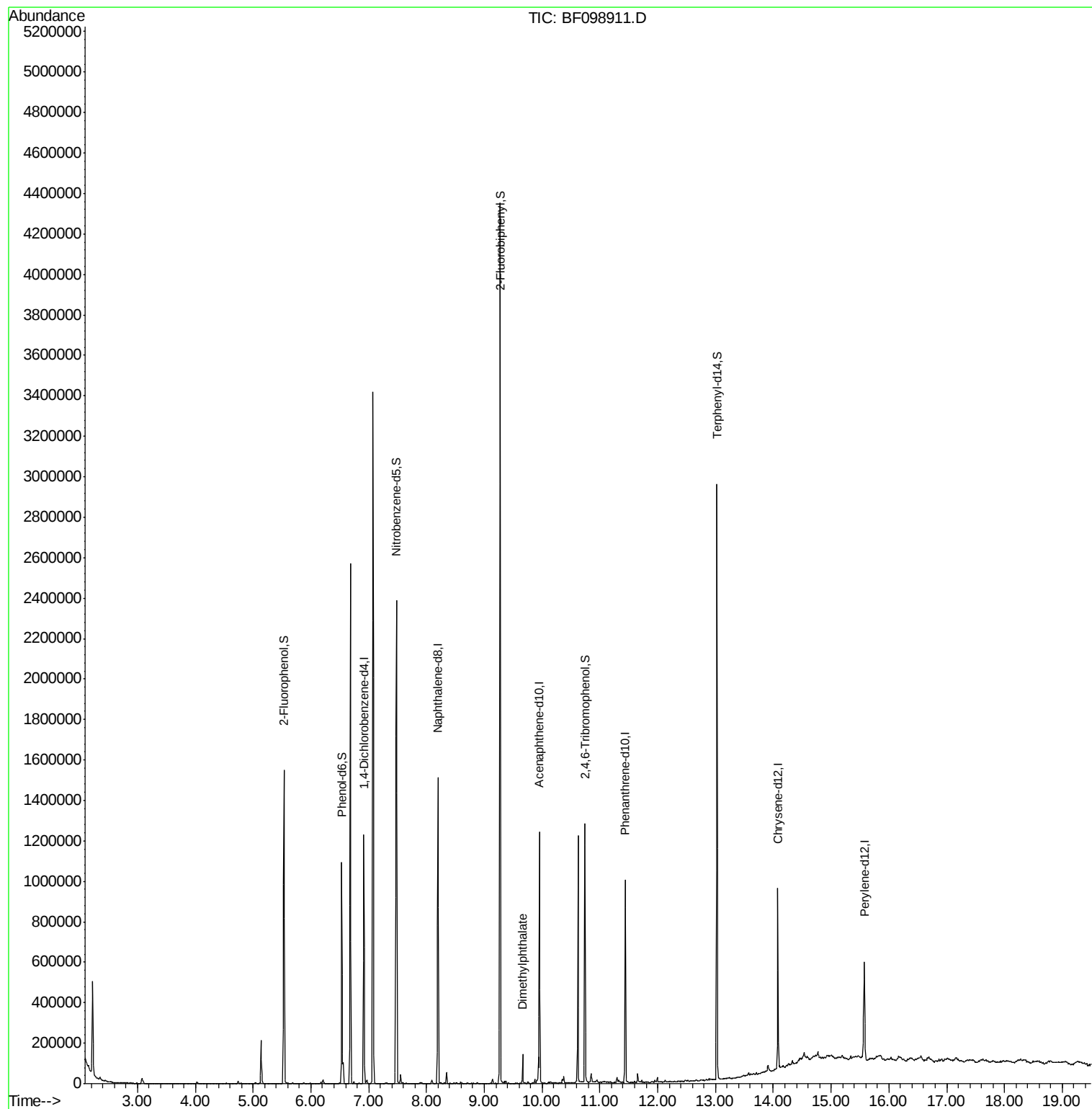
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	155291	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	614704	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	242826	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	343131	20.00	ng	0.00
75) Chrysene-d12	14.08	240	272304	20.00	ng	0.00
86) Perylene-d12	15.57	264	219613	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	396405	40.64	ng	0.00
7) Phenol-d6	6.53	99	298686	24.82	ng	-0.01
23) Nitrobenzene-d5	7.48	82	839458	87.58	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	131652	66.26	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1366604	93.95	ng	0.00
78) Terphenyl-d14	13.03	244	940872	78.58	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.66	163	52000	2.837	ng	99

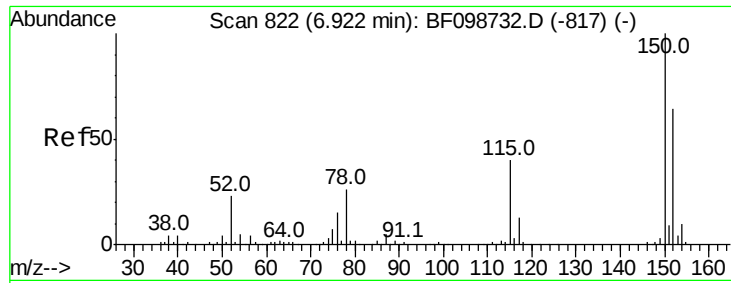
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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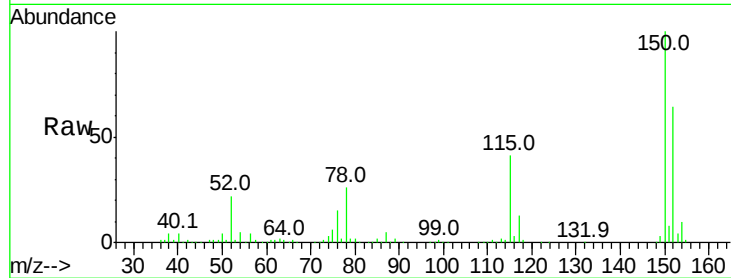


#1

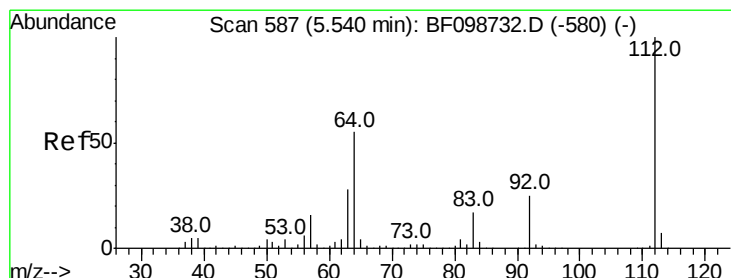
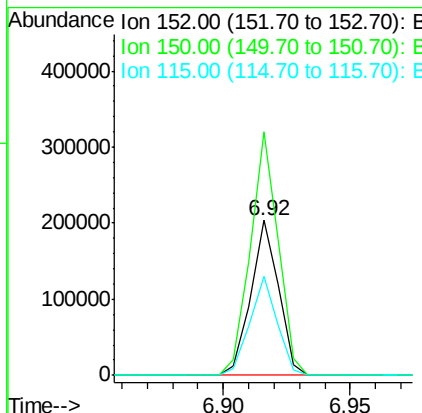
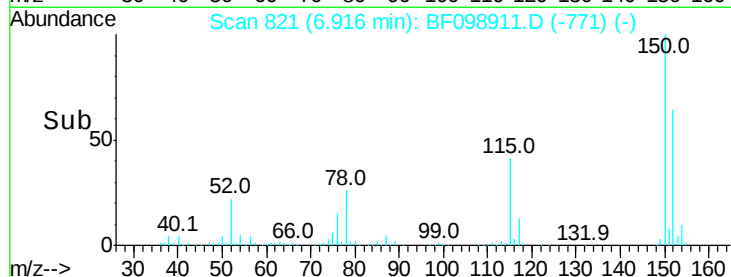
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Instrument :
BNA_F
ClientSampleId :
092617-TIDO-E-D-M

Tot Ion:152 Resp: 155291
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 63.6 50.1 75.1



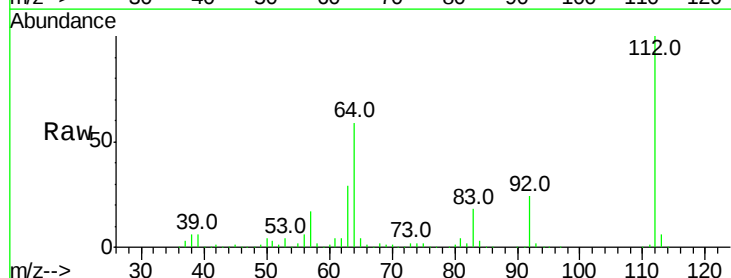
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



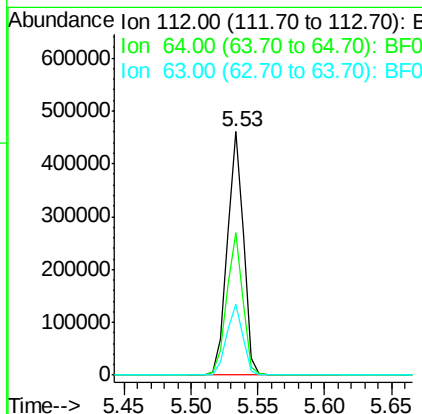
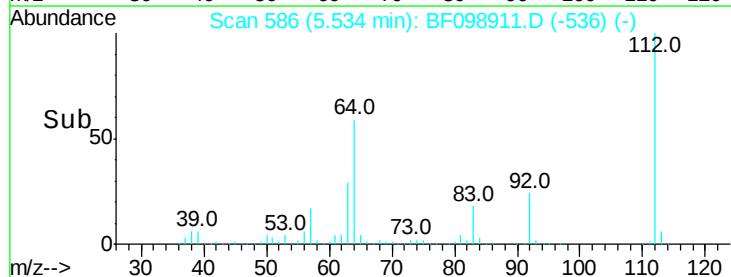
#5

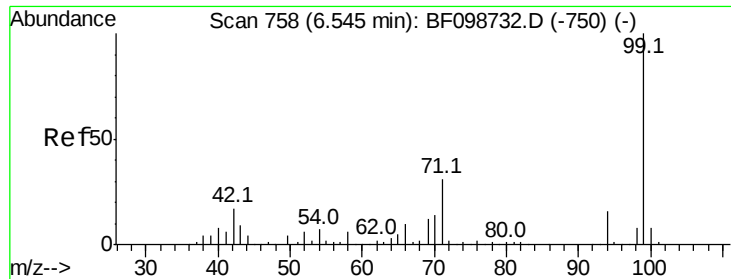
2-Fluorophenol
Concen: 40.636 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Tgt Ion:112 Resp: 396405
Ion Ratio Lower Upper
112 100
64 58.7 47.9 71.9
63 29.2 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: 24.820 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098911.D

Acq: 28 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

092617-TIDO-E-D-M

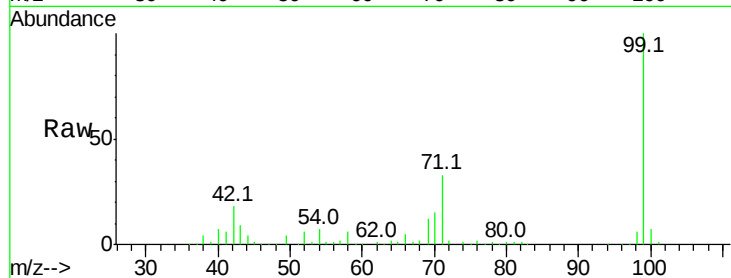
Tot Ion: 99 Resp: 298686

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

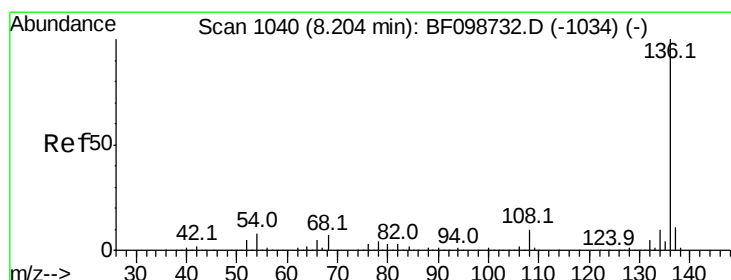
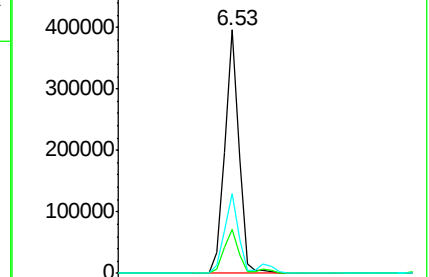
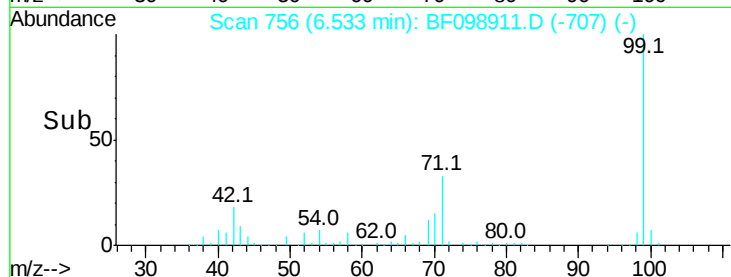
71 32.6 25.4 38.0



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: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098911.D

Acq: 28 Sep 2017 16:26

Tgt Ion: 136 Resp: 614704

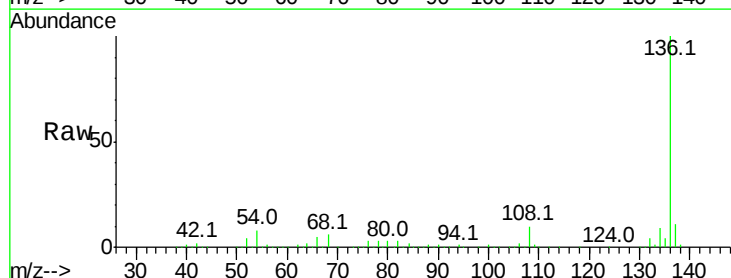
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 8.1 6.6 9.8

68 6.2 5.0 7.4

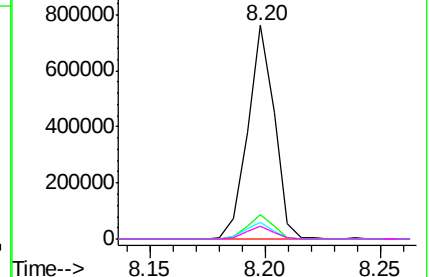
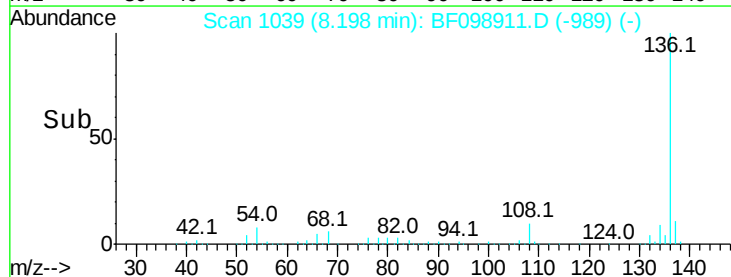


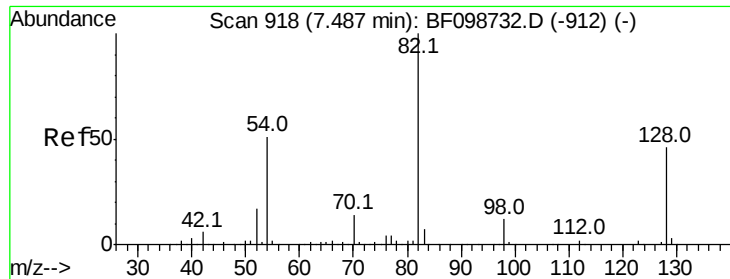
Abundance Ion 136.00 (135.70 to 136.70): E

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

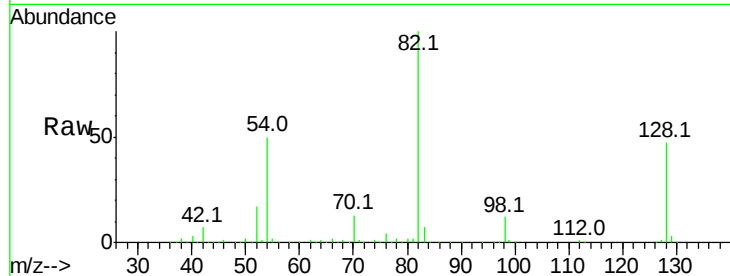




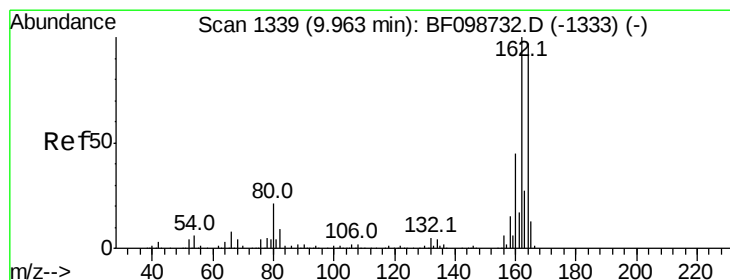
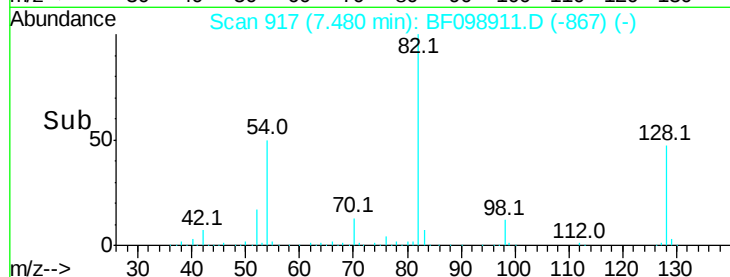
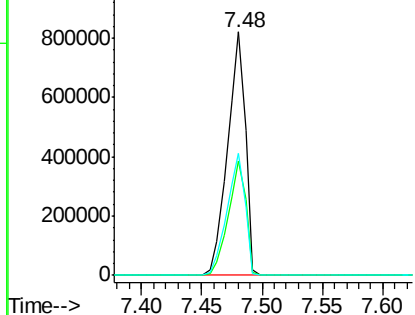
#23
 Nitrobenzene-d5
 Concen: 87.578 ng
 RT: 7.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF098911.D
 Acq: 28 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 092617-TIDO-E-D-M

Tot Ion	82	Resp	839458
Ion Ratio	100	Lower	Upper
128	46.9	36.1	54.1
54	49.9	41.4	62.2

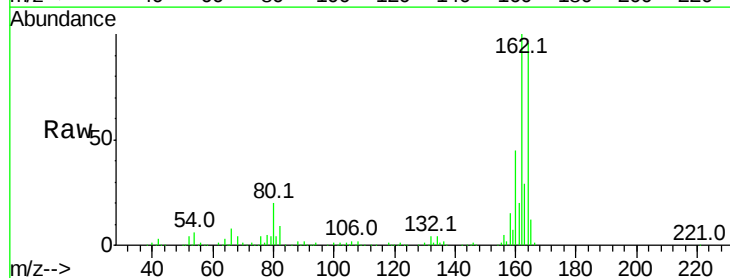


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

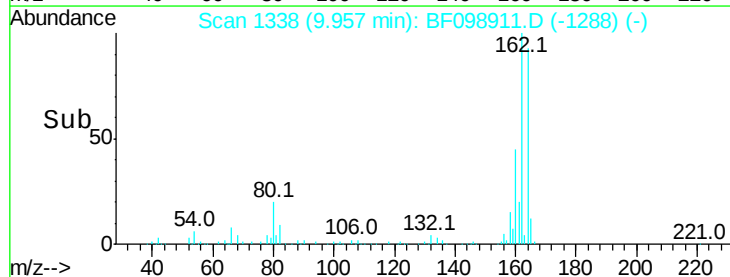
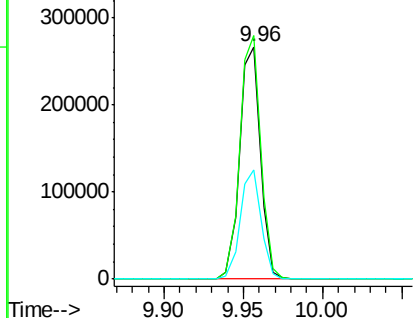


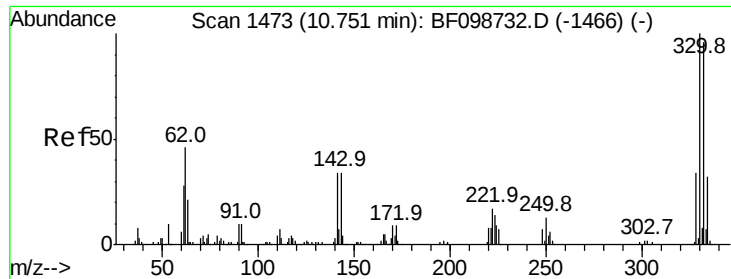
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098911.D
 Acq: 28 Sep 2017 16:26

Tgt Ion	164	Resp	242826
Ion Ratio	100	Lower	Upper
162	104.7	86.1	129.1
160	46.9	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

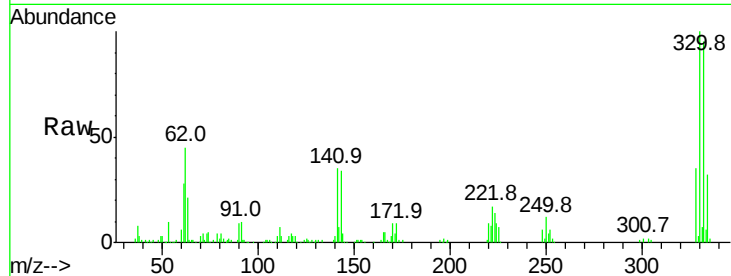




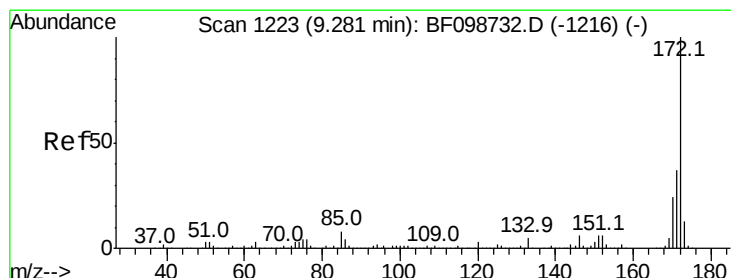
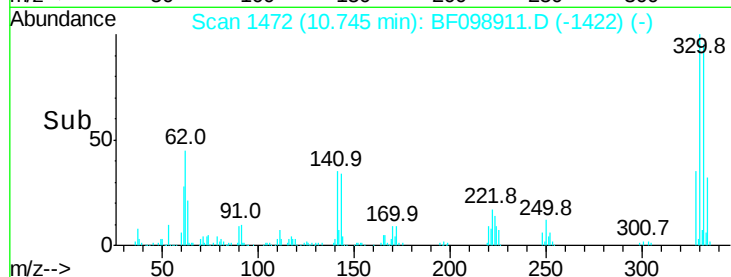
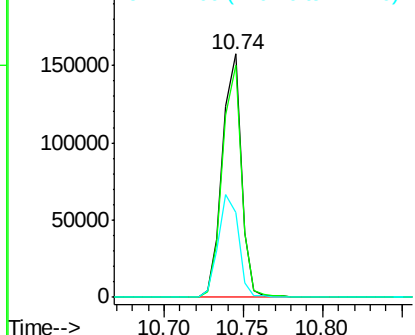
#41
 2,4,6-Tribromophenol
 Concen: 66.258 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098911.D
 Acq: 28 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 092617-TIDO-E-D-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	45.3	29.9	44.9#

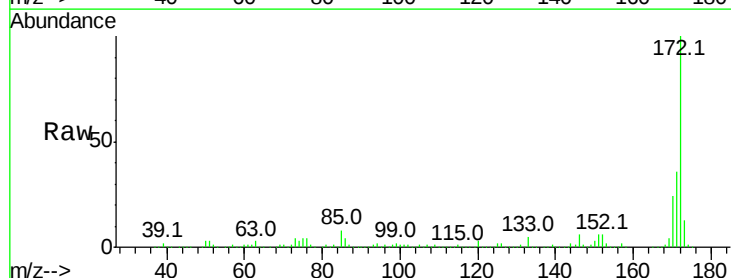


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

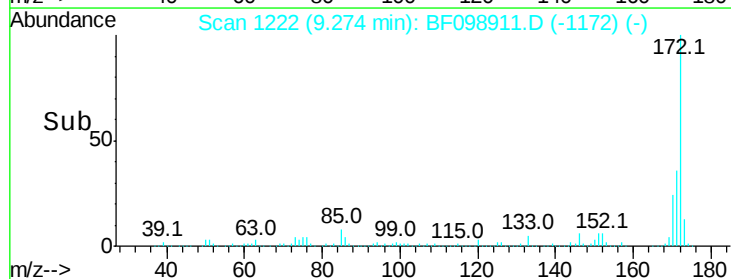
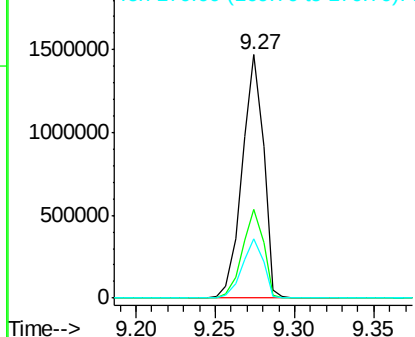


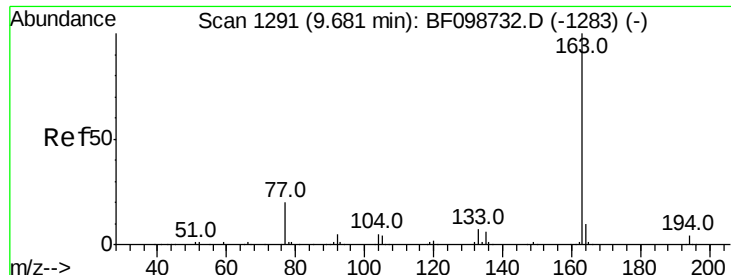
#44
 2-Fluorobiphenyl
 Concen: 93.953 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF098911.D
 Acq: 28 Sep 2017 16:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.4	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

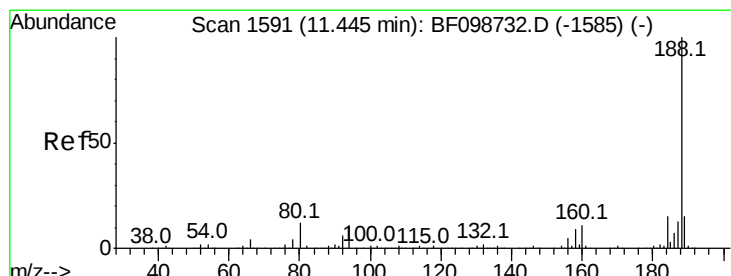
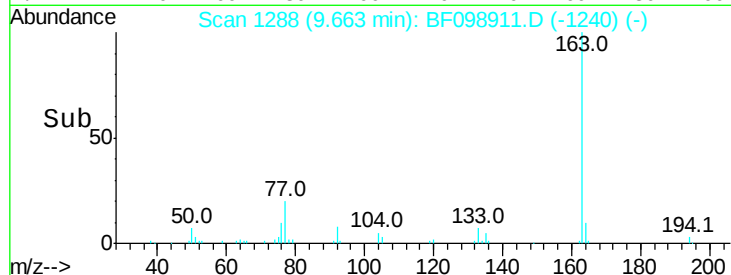
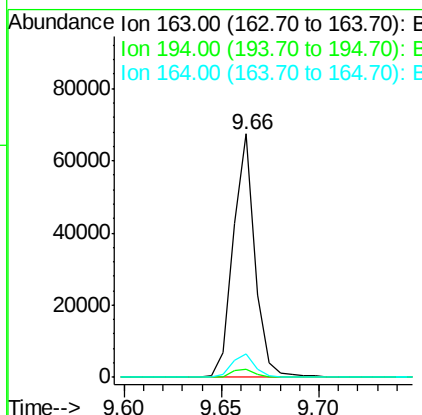
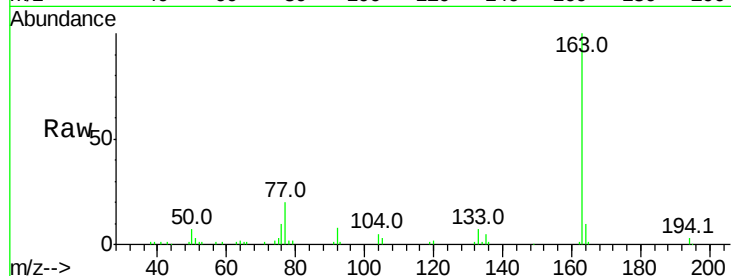




#49
Dimethylphthalate
Concen: 2.837 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

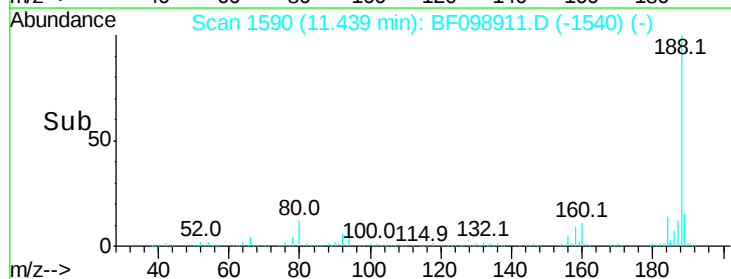
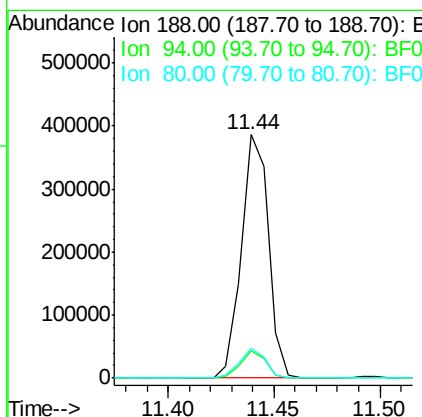
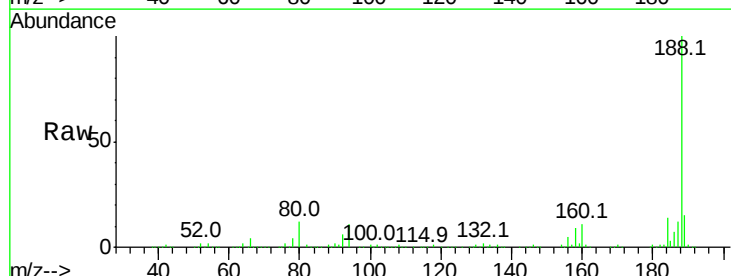
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092617-TIDO-E-D-M

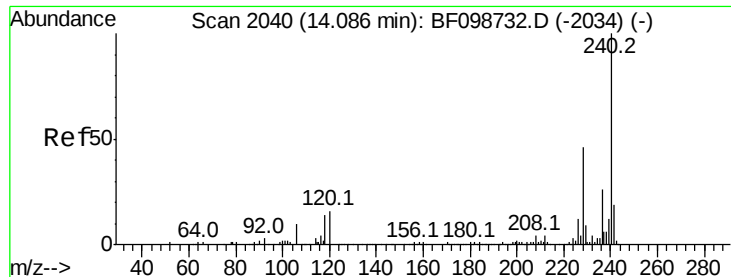
Tot Ion:163 Resp: 52000
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 9.6 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098911.D
Acq: 28 Sep 2017 16:26

Tgt Ion:188 Resp: 343131
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.2 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098911.D

Acq: 28 Sep 2017 16:26

Instrument :

BNA_F

ClientSampleId :

092617-TIDO-E-D-M

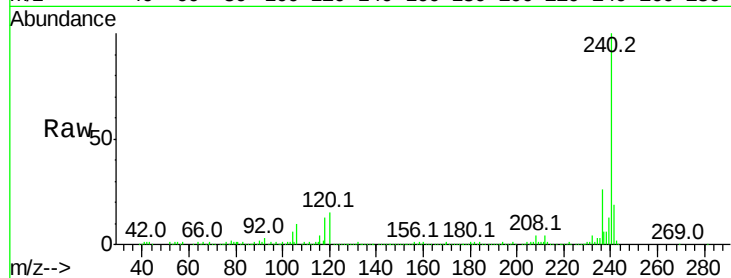
Tot Ion:240 Resp: 272304

Ion Ratio Lower Upper

240 100

120 14.6 9.5 14.3#

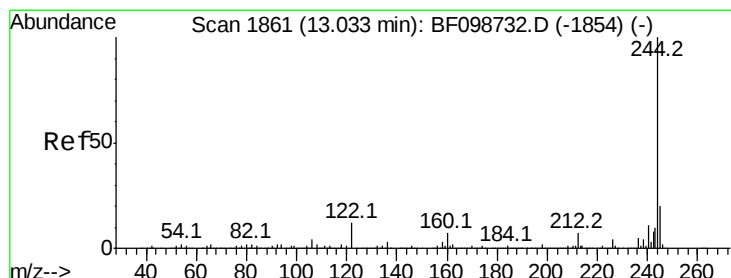
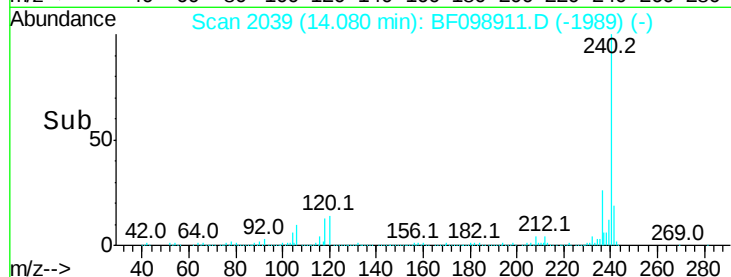
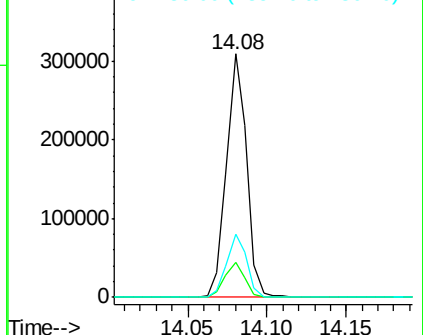
236 25.7 20.7 31.1



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: 78.579 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098911.D

Acq: 28 Sep 2017 16:26

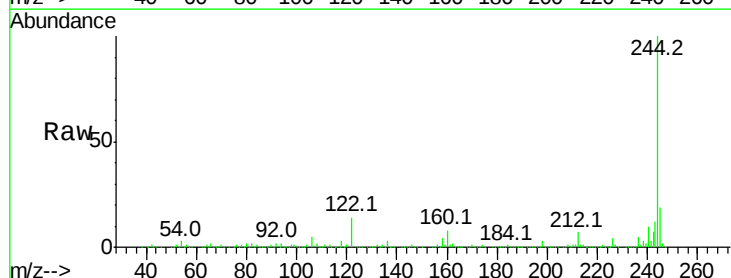
Tgt Ion:244 Resp: 940872

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

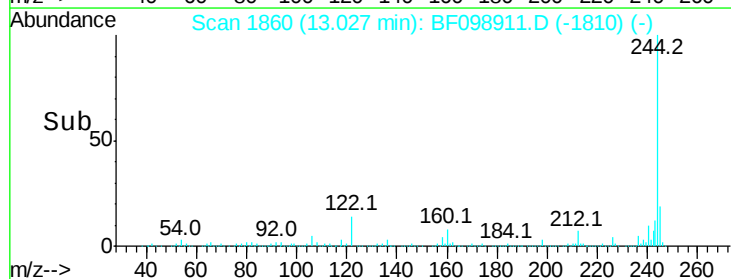
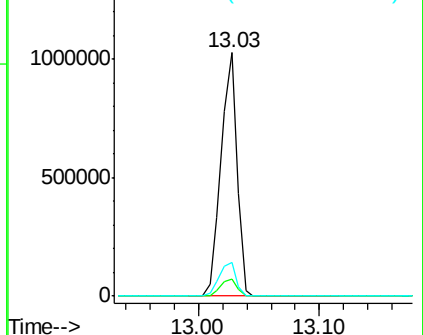
122 13.7 11.0 16.4

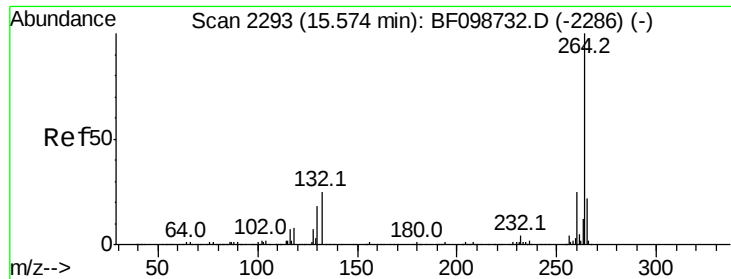


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.57 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BF098911.D
 Acq: 28 Sep 2017 16:26

Instrument :
 BNA_F
 ClientSampleId :
 092617-TIDO-E-D-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.7	17.5	26.3

