

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099253.D
 Acq On : 9 Oct 2017 1:38
 Operator : SJ/JU
 Sample : I5646-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 100217-TIDO-E-U-M

Quant Time: Oct 09 04:41:12 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

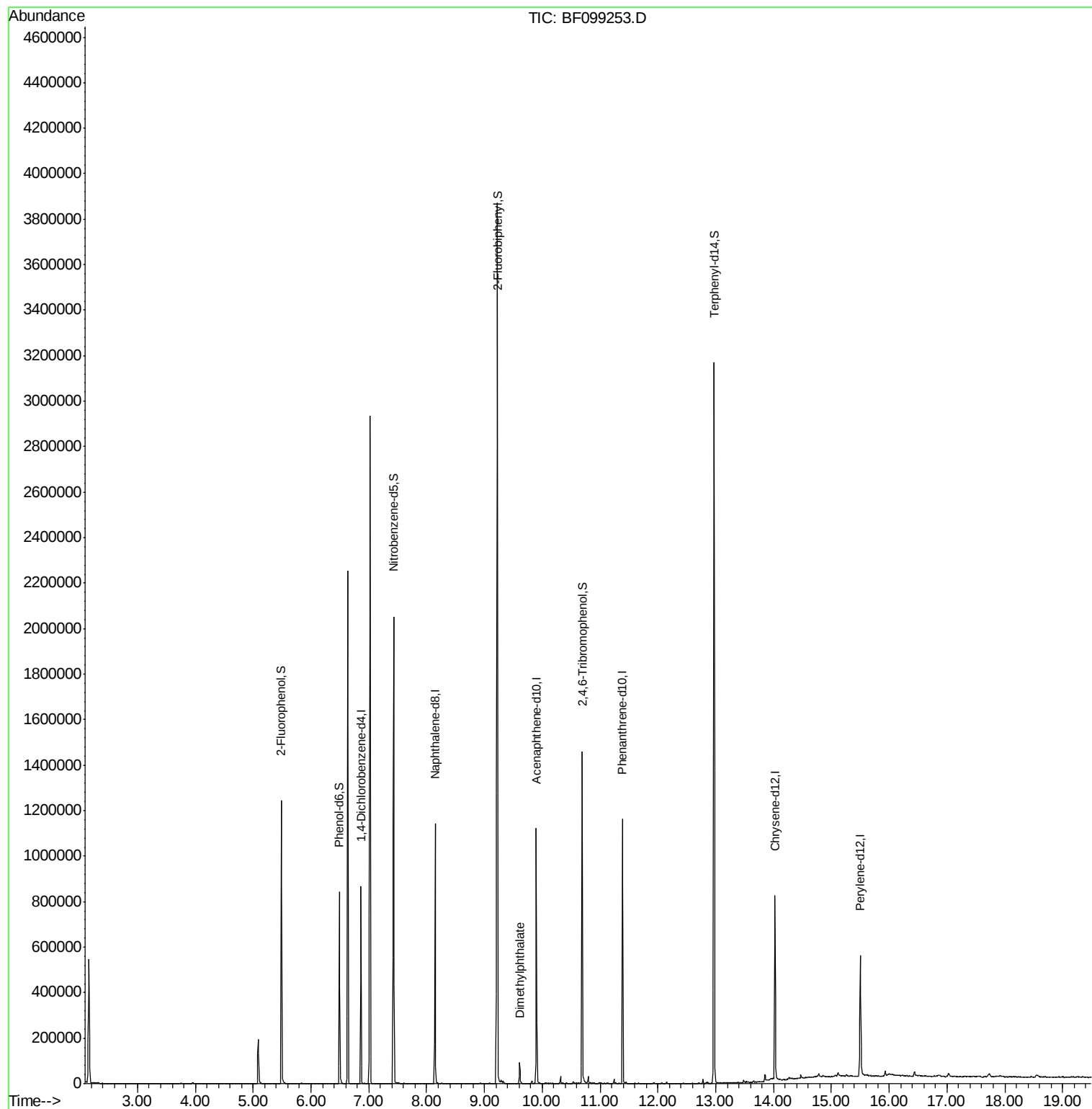
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	120590	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	508052	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	233612	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	397338	20.00	ng	0.00
75) Chrysene-d12	14.03	240	251452	20.00	ng	0.00
86) Perylene-d12	15.50	264	223827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	355120	46.88	ng	0.00
7) Phenol-d6	6.49	99	264633	28.32	ng	0.00
23) Nitrobenzene-d5	7.43	82	768620	97.02	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	173122	90.56	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1348744	96.38	ng	0.00
78) Terphenyl-d14	12.97	244	1153415	104.32	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	36339	2.061	ng	99

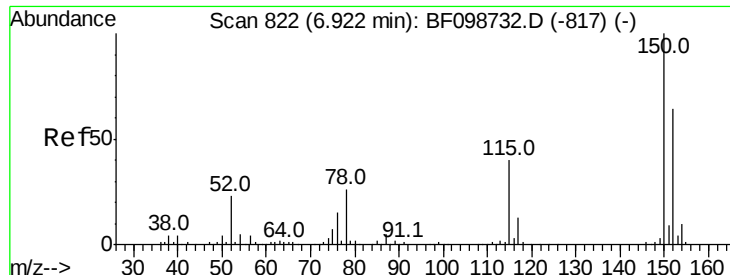
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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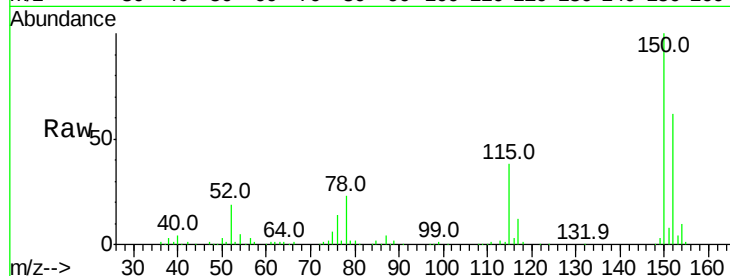


#1

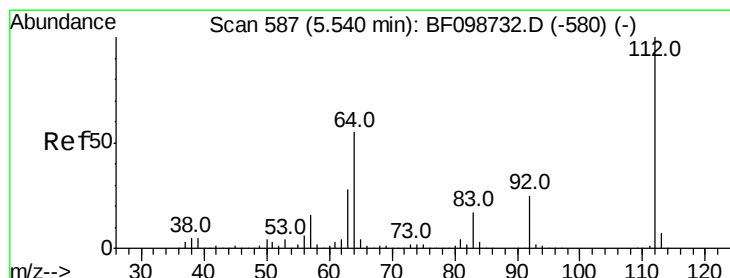
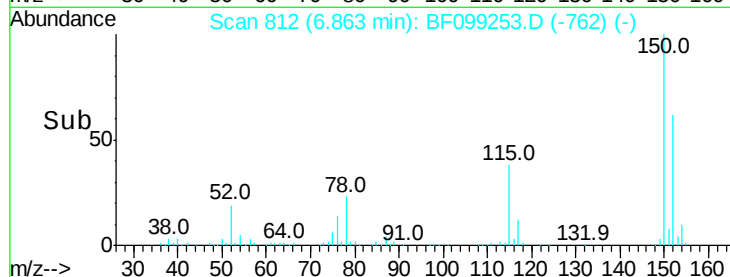
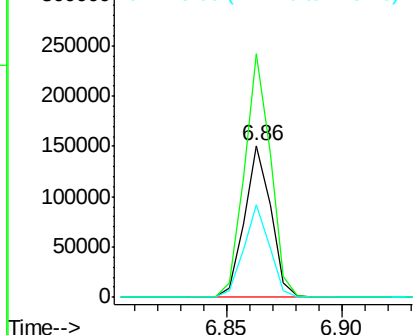
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099253.D
 Acq: 9 Oct 2017 1:38

Instrument :
 BNA_F
 ClientSampleId :
 100217-TIDO-E-U-M

Tot Ion:152 Resp: 120590
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.6 186.8
 115 60.9 50.1 75.1



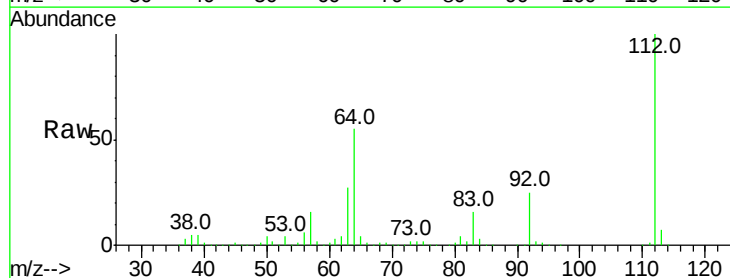
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



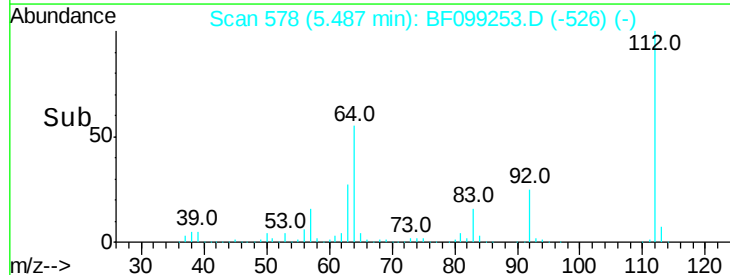
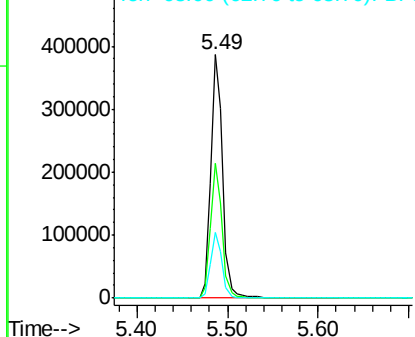
#5

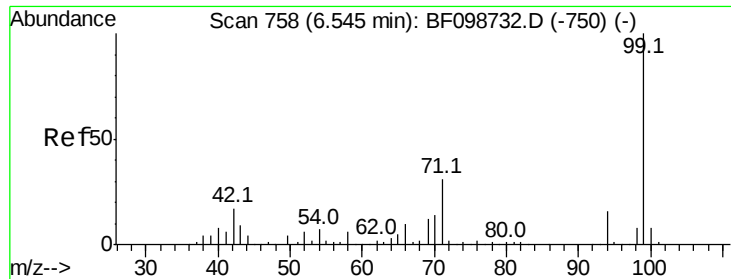
2-Fluorophenol
 Concen: 46.879 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF099253.D
 Acq: 9 Oct 2017 1:38

Tgt Ion:112 Resp: 355120
 Ion Ratio Lower Upper
 112 100
 64 55.3 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: 28.318 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099253.D

Acq: 9 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

100217-TIDO-E-U-M

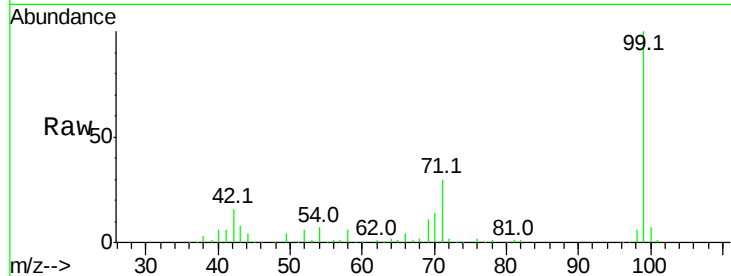
Tot Ion: 99 Resp: 264633

Ion Ratio Lower Upper

99 100

42 16.2 14.5 21.7

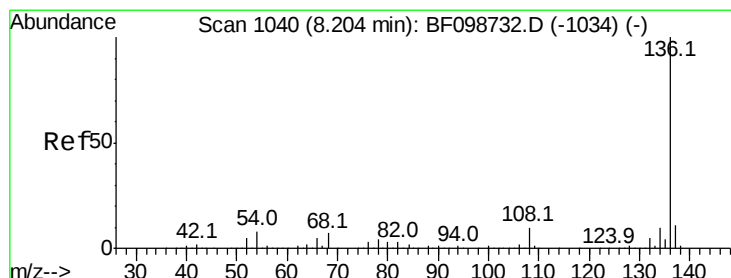
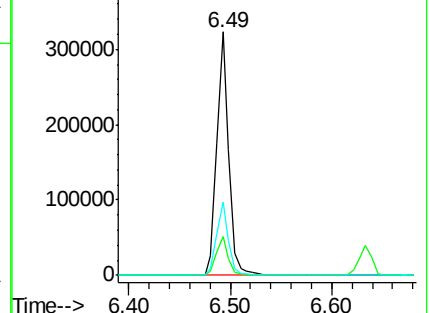
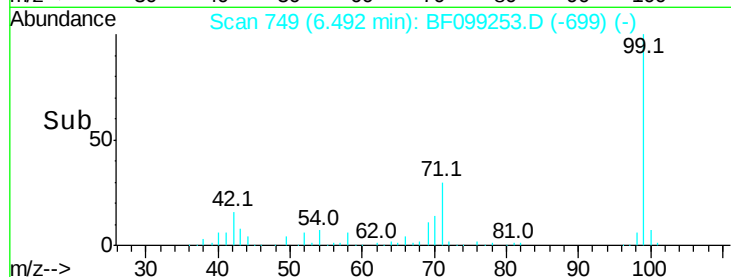
71 30.3 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099253.D

Acq: 9 Oct 2017 1:38

Tgt Ion: 136 Resp: 508052

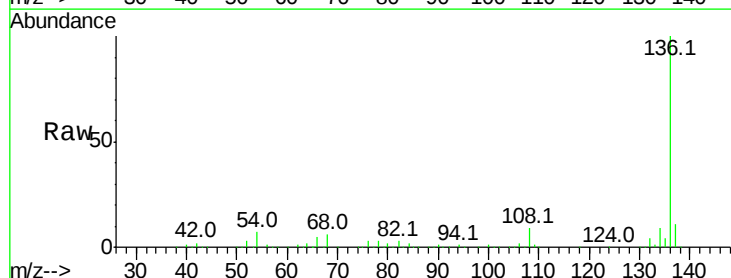
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4

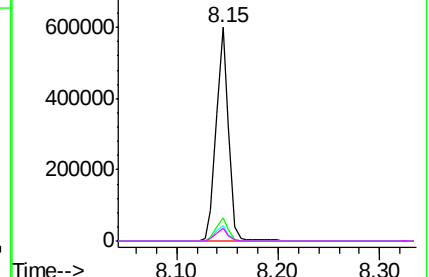
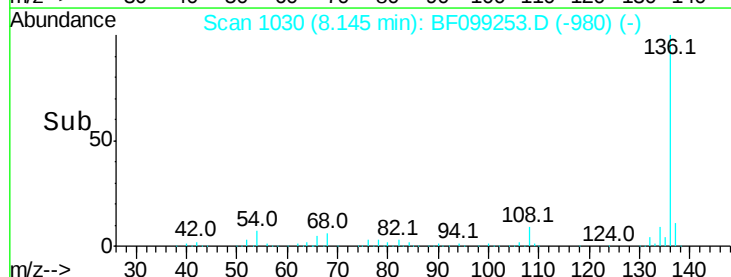


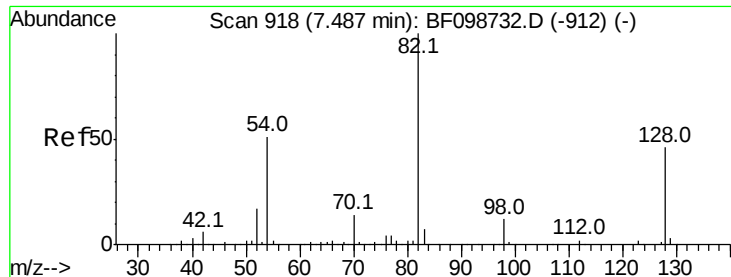
Abundance Ion 136.00 (135.70 to 136.70): E

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

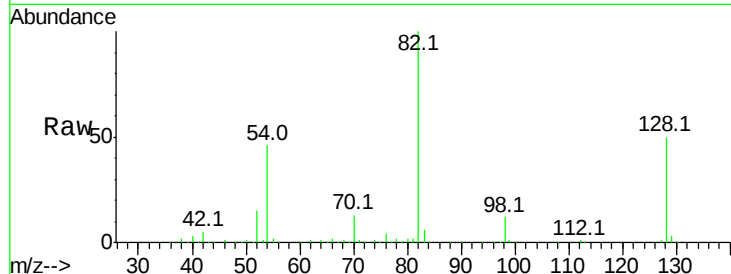




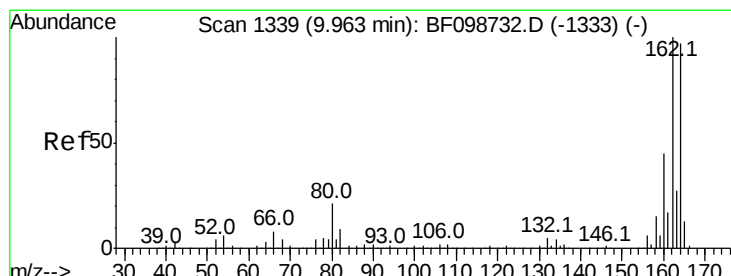
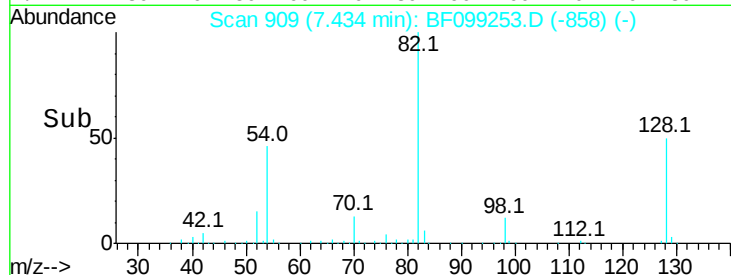
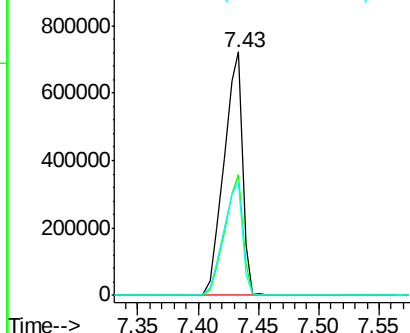
#23
 Nitrobenzene-d5
 Concen: 97.021 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099253.D
 Acq: 9 Oct 2017 1:38

Instrument :
 BNA_F
 ClientSampleId :
 100217-TIDO-E-U-M

Tot Ion	82	Resp	768620
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	46.2	41.4	62.2

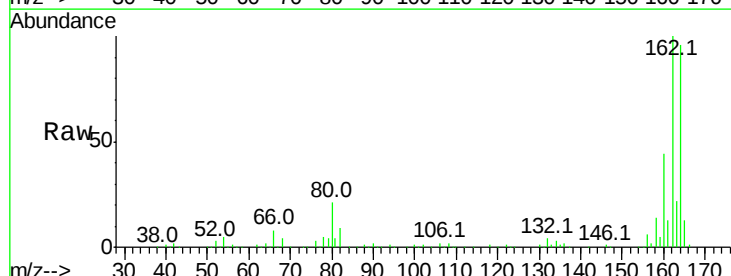


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

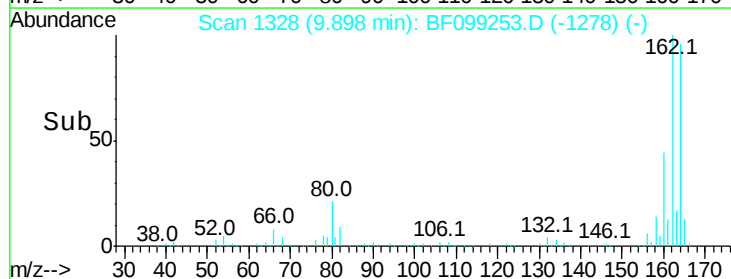
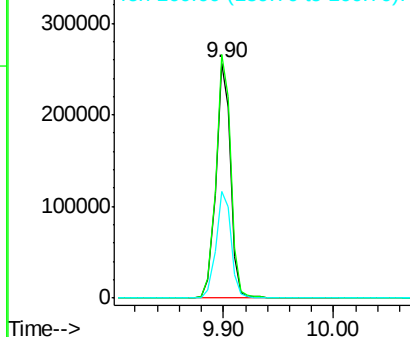


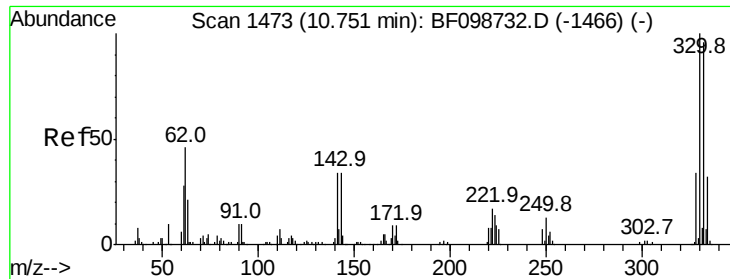
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099253.D
 Acq: 9 Oct 2017 1:38

Tgt Ion	164	Resp	233612
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	103.6	38.3	57.5
160	45.3		



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

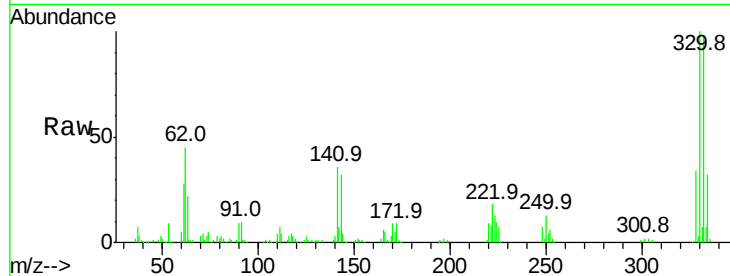




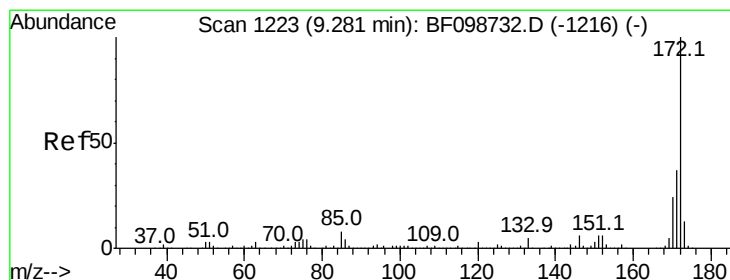
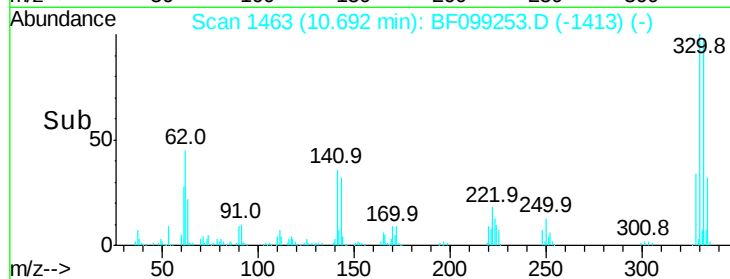
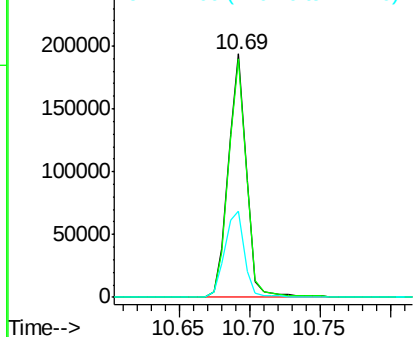
#41
 2,4,6-Tribromophenol
 Concen: 90.565 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099253.D
 Acq: 9 Oct 2017 1:38

Instrument :
 BNA_F
 ClientSampleId :
 100217-TIDO-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	77.0	115.6
141	39.2	29.9	44.9

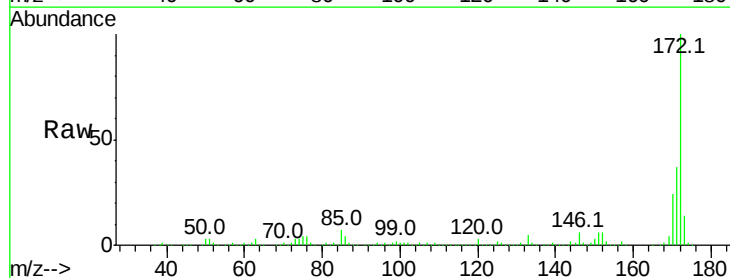


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

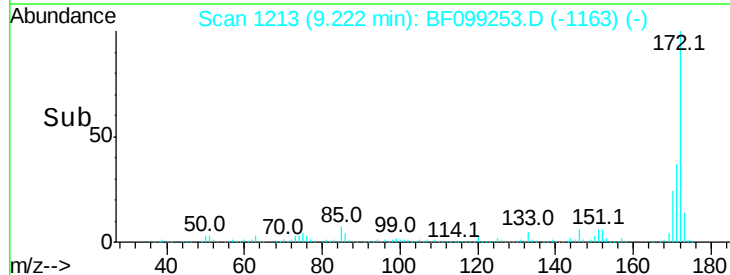
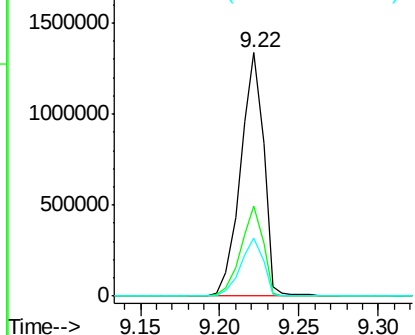


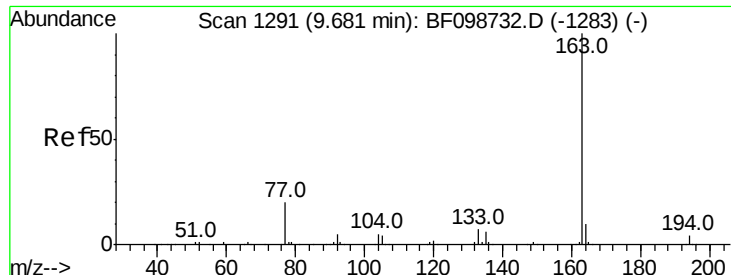
#44
 2-Fluorobiphenyl
 Concen: 96.383 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099253.D
 Acq: 9 Oct 2017 1:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.0	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

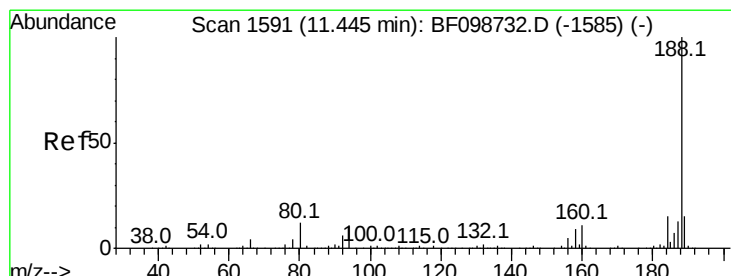
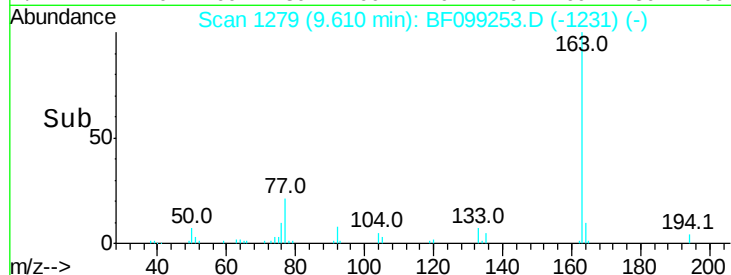
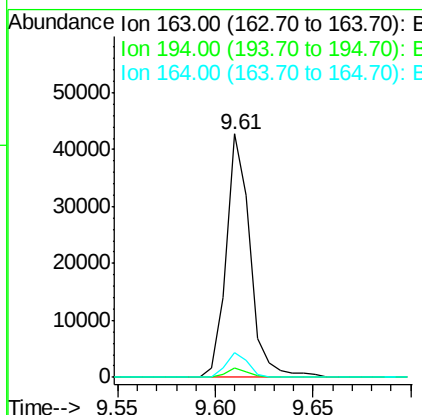
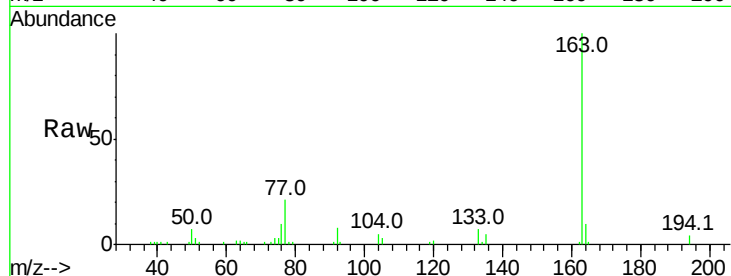




#49
Dimethylphthalate
Concen: 2.061 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099253.D
Acq: 9 Oct 2017 1:38

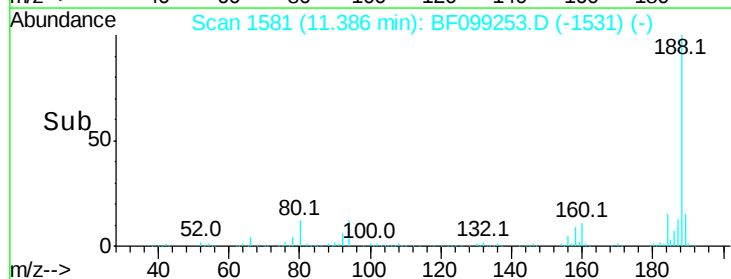
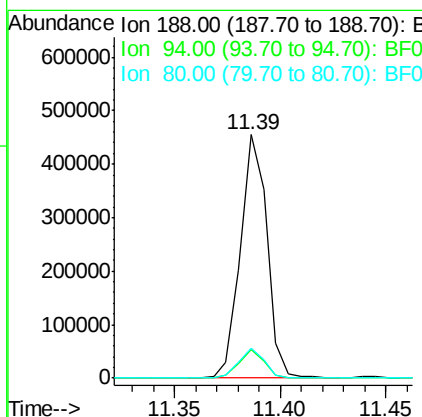
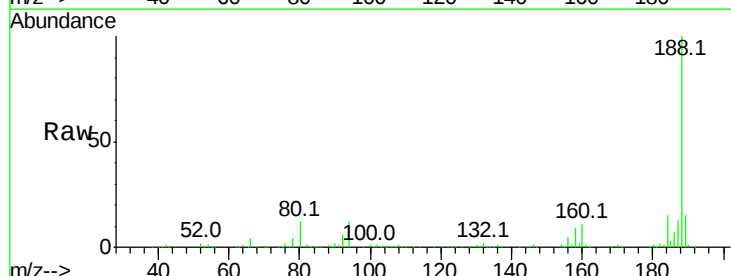
Instrument :
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100217-TIDO-E-U-M

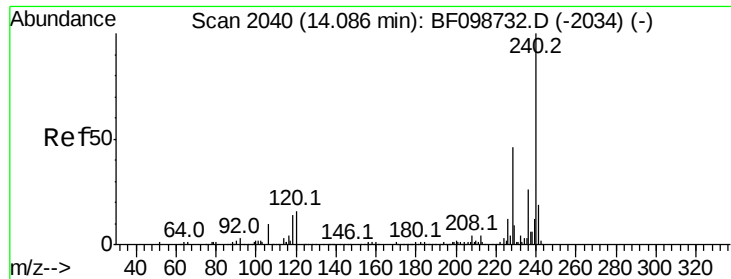
Tot Ion:163 Resp: 36339
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099253.D
Acq: 9 Oct 2017 1:38

Tgt Ion:188 Resp: 397338
Ion Ratio Lower Upper
188 100
94 11.5 8.5 12.7
80 12.4 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: BF099253.D

Acq: 9 Oct 2017 1:38

Instrument :

BNA_F

ClientSampleId :

100217-TIDO-E-U-M

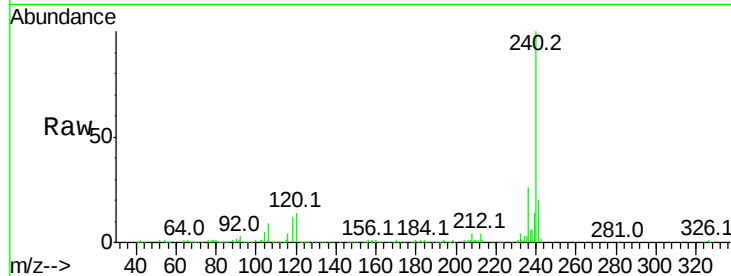
Tot Ion:240 Resp: 251452

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

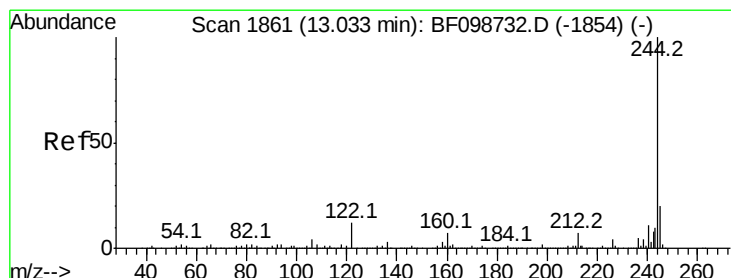
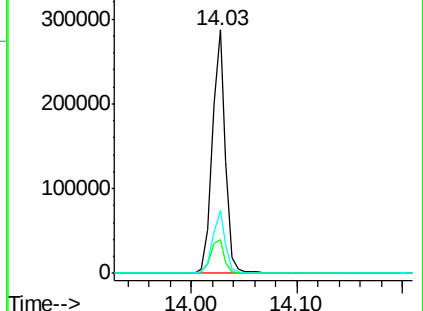
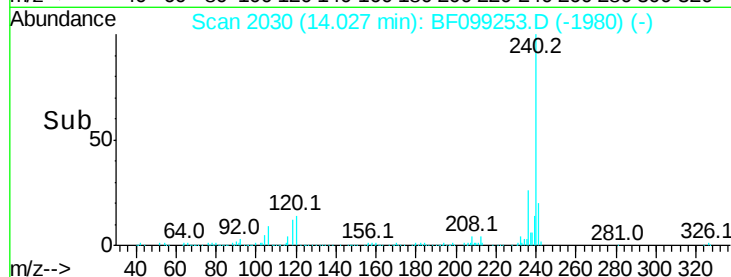
236 25.9 20.7 31.1



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: 104.318 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF099253.D

Acq: 9 Oct 2017 1:38

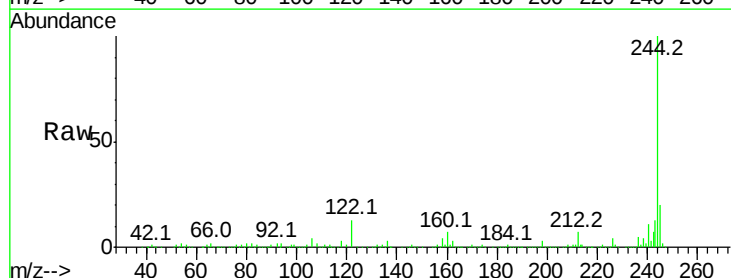
Tgt Ion:244 Resp: 1153415

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

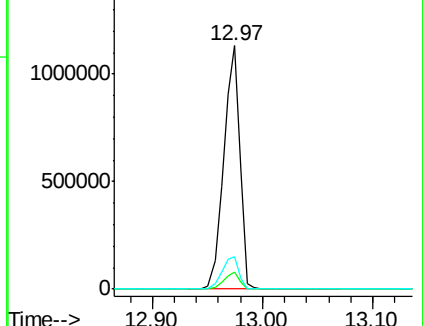
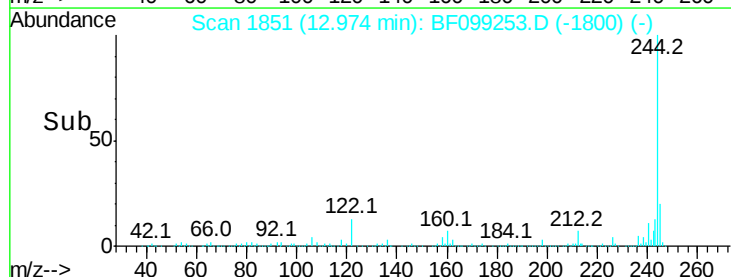
122 13.4 11.0 16.4

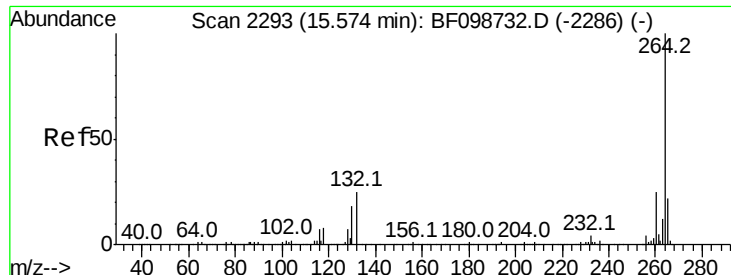


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

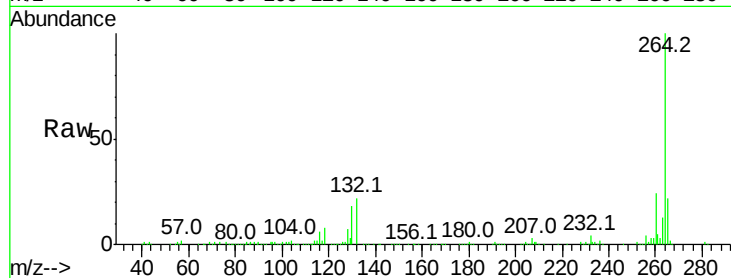




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF099253.D
 Acq: 9 Oct 2017 1:38

Instrument :
 BNA_F
 ClientSampleId :
 100217-TIDO-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	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

