

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
 Data File : BF099679.D
 Acq On : 20 Oct 2017 1:34
 Operator : SJ/JU
 Sample : I5968-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101717-TIDO-F-U-S

Quant Time: Oct 20 13:47:26 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

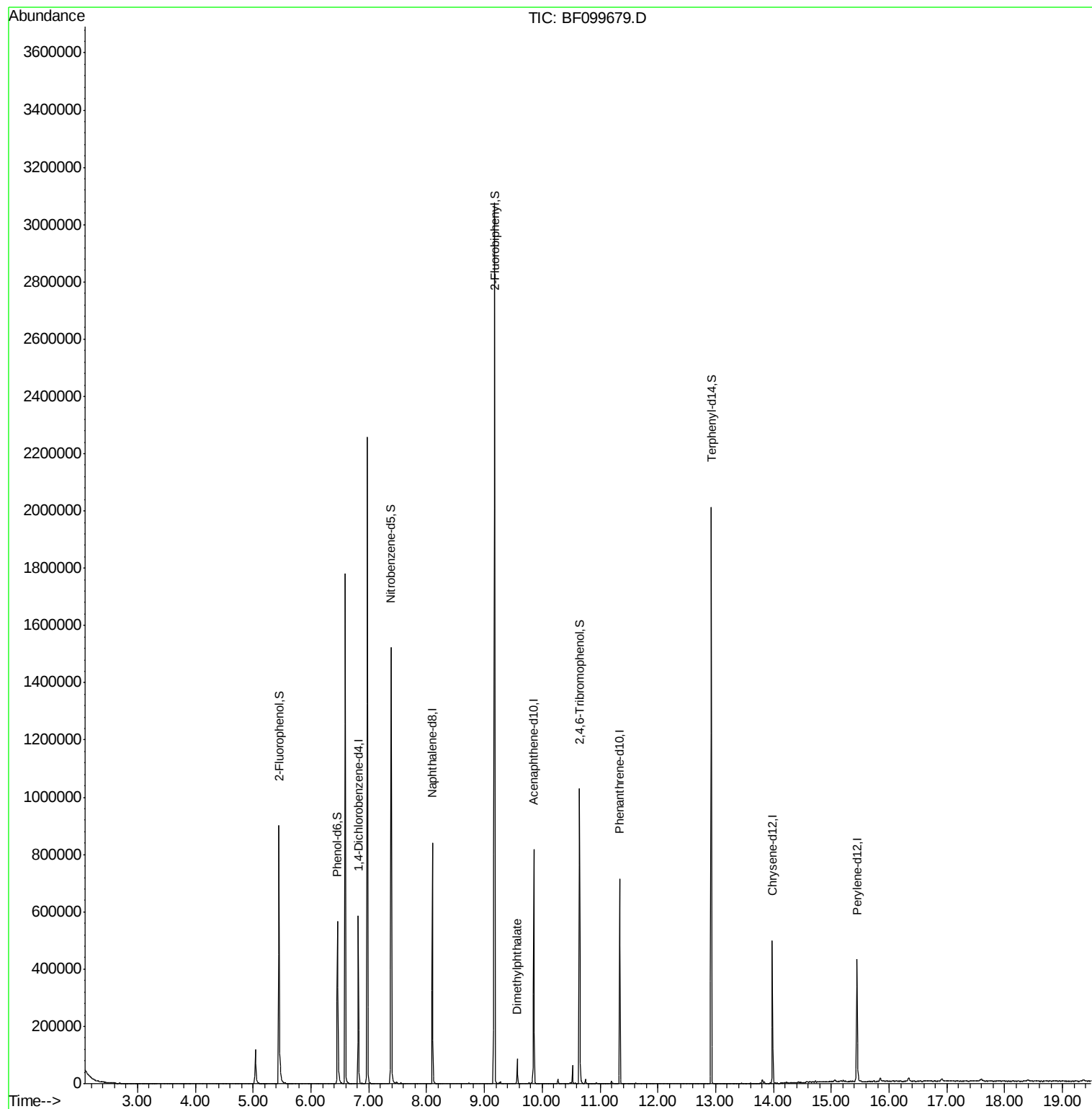
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	97706	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	389215	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	162631	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	237084	20.00	ng	0.00
75) Chrysene-d12	13.98	240	165276	20.00	ng	0.00
86) Perylene-d12	15.44	264	184206	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	289438	47.16	ng	0.00
7) Phenol-d6	6.46	99	214868	28.38	ng	0.00
23) Nitrobenzene-d5	7.39	82	593895	97.85	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	116382	87.46	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1075240	110.37	ng	0.00
78) Terphenyl-d14	12.92	244	655056	90.14	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.57	163	36745	2.994	ng	99

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

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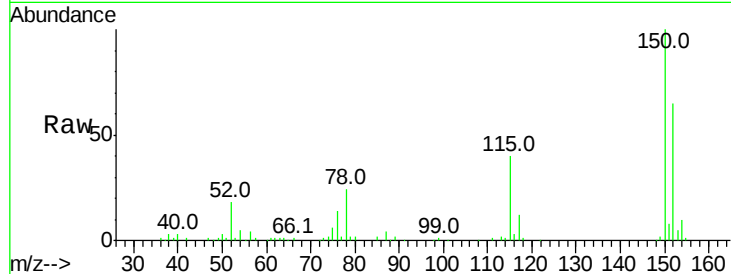


#1

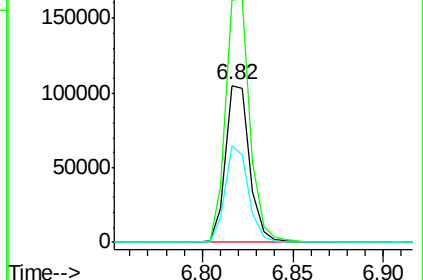
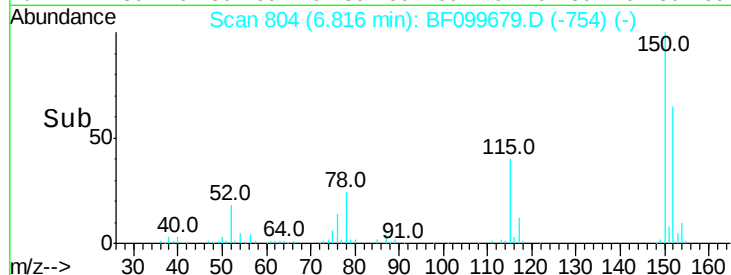
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :
101717-TIDO-F-U-S

Tot Ion:152 Resp: 97706
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 61.6 50.1 75.1



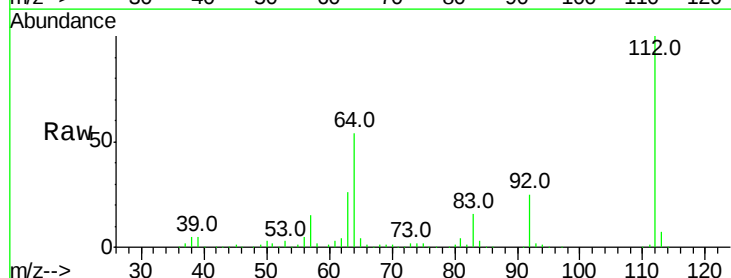
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



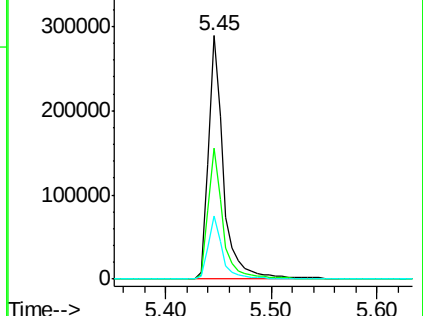
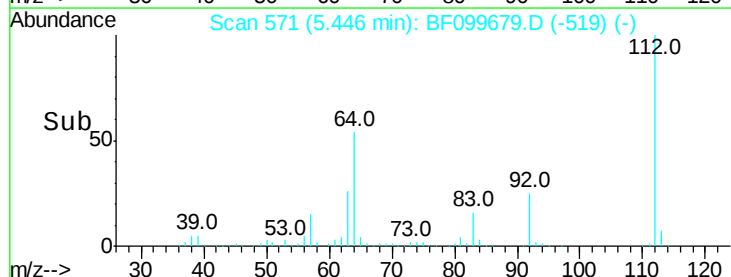
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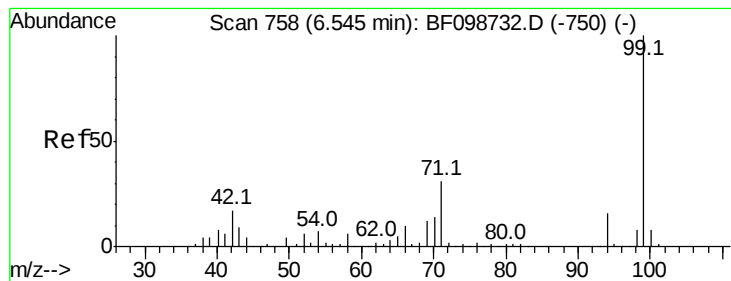
2-Fluorophenol
Concen: 47.157 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion:112 Resp: 289438
Ion Ratio Lower Upper
112 100
64 53.8 47.9 71.9
63 25.8 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: 28.378 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF099679.D

Acq: 20 Oct 2017 1:34

Instrument :

BNA_F

ClientSampleId :

101717-TIDO-F-U-S

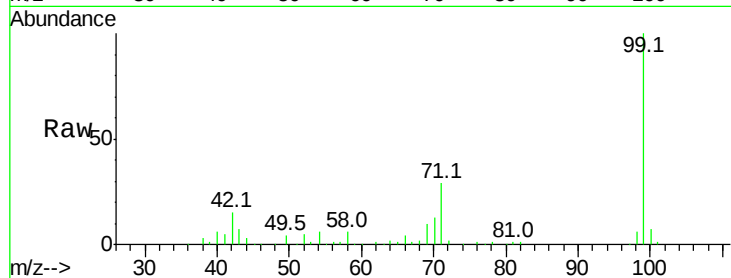
Tot Ion: 99 Resp: 214868

Ion Ratio Lower Upper

99 100

42 14.6 14.5 21.7

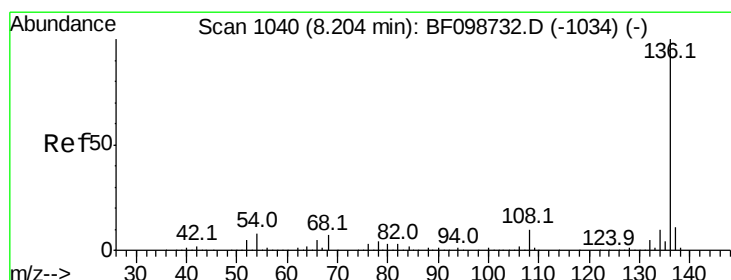
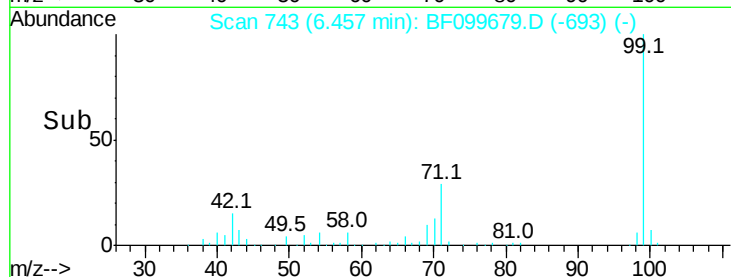
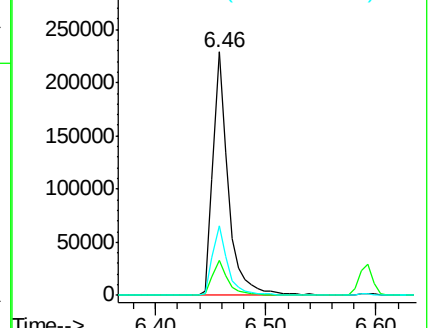
71 28.8 25.4 38.0



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: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF099679.D

Acq: 20 Oct 2017 1:34

Tgt Ion: 136 Resp: 389215

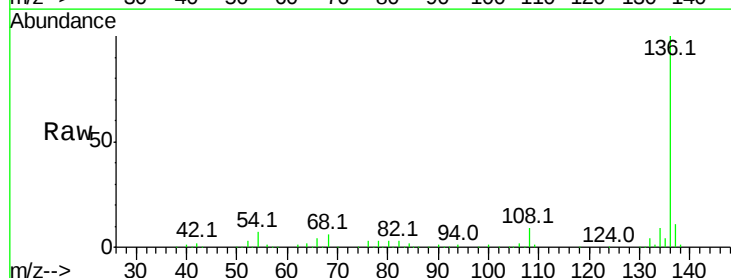
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 6.9 6.6 9.8

68 6.2 5.0 7.4

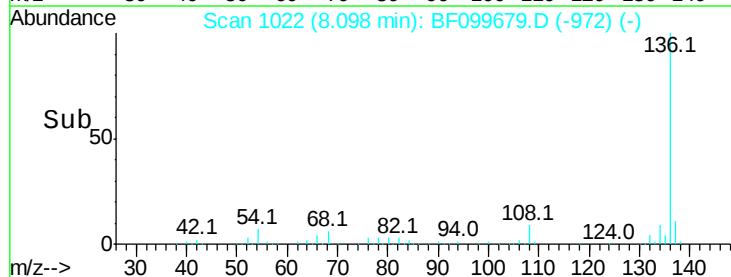
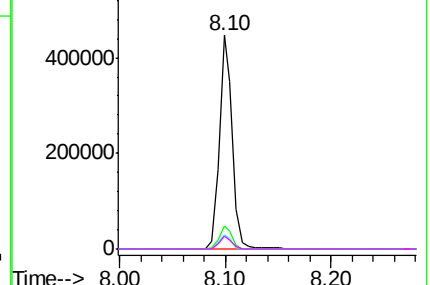


Abundance Ion 136.00 (135.70 to 136.70): E

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

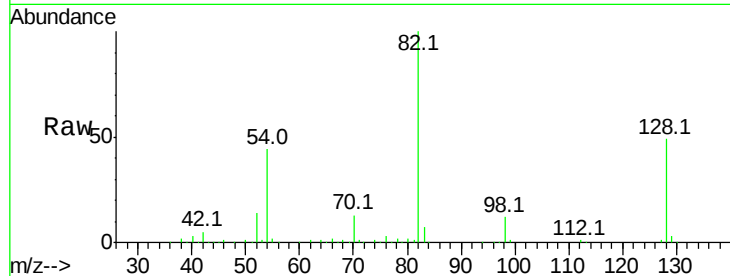




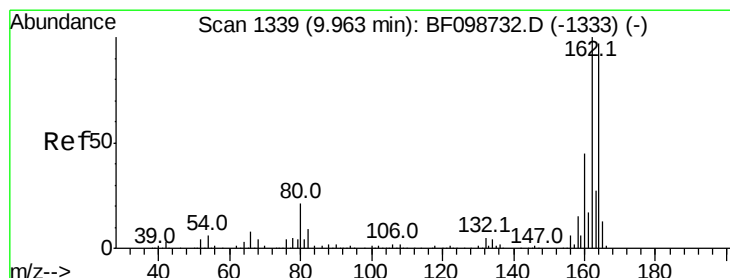
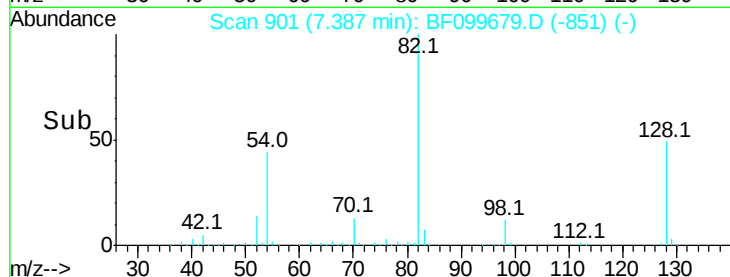
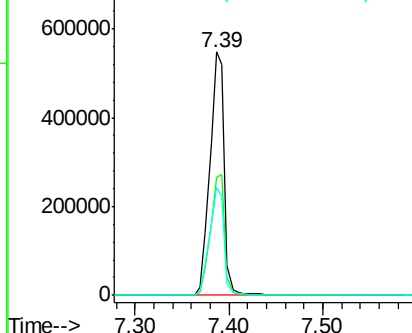
#23
Nitrobenzene-d5
Concen: 97.855 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Instrument :
BNA_F
ClientSampleId :
101717-TIDO-F-U-S

Tot Ion	82	Resp	593895
Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	44.5	41.4	62.2

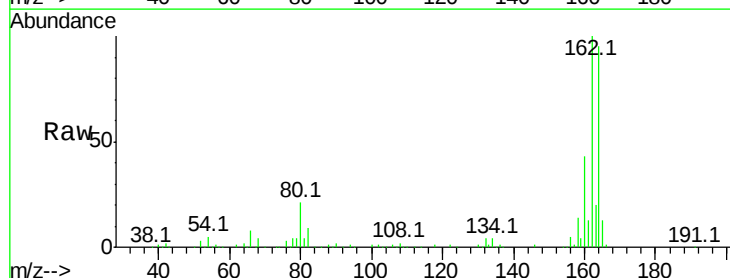


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

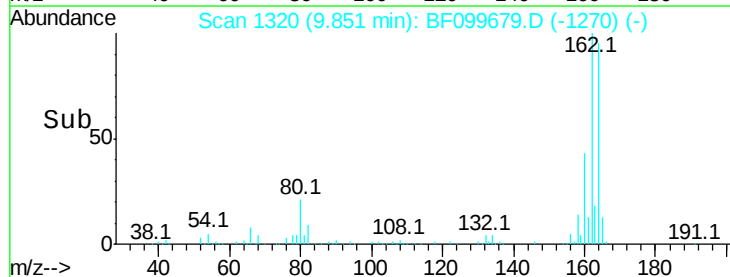
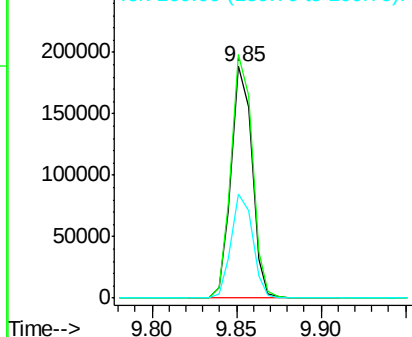


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion	164	Resp	162631
Ion	Ratio	Lower	Upper
164	100		
162	105.1	86.1	129.1
160	45.1	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

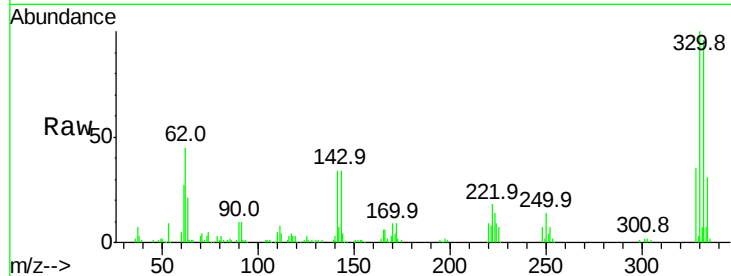




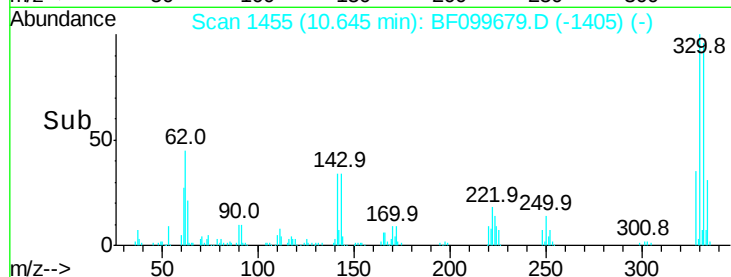
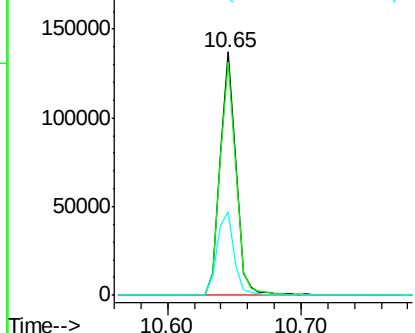
#41
 2,4,6-Tribromophenol
 Concen: 87.455 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.01 min
 Lab File: BF099679.D
 Acq: 20 Oct 2017 1:34

Instrument :
 BNA_F
 ClientSampleId :
 101717-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	36.8	29.9	44.9

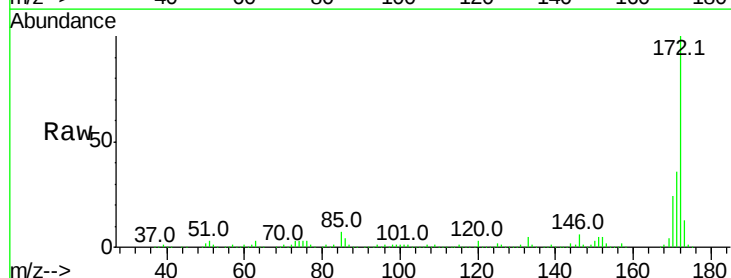


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

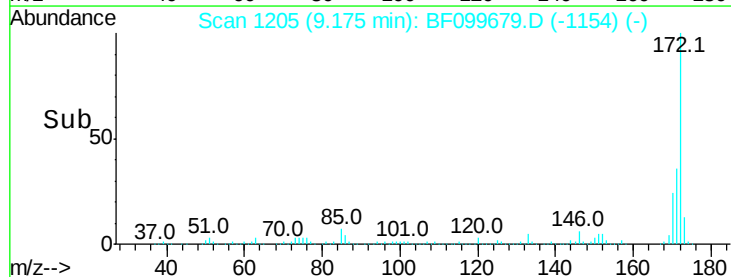
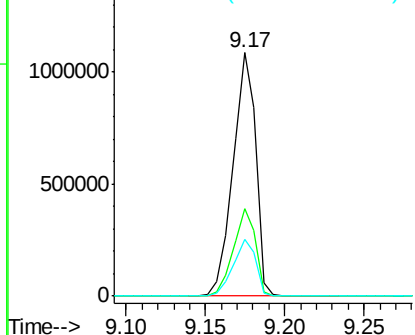


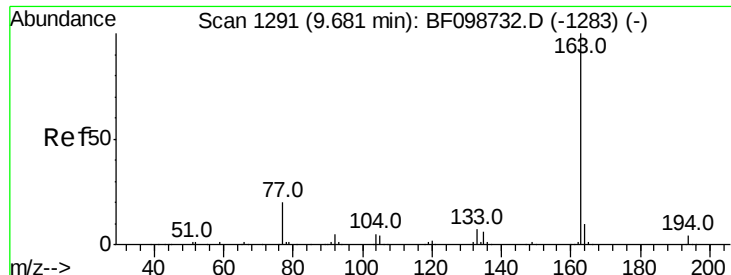
#44
 2-Fluorobiphenyl
 Concen: 110.374 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.00 min
 Lab File: BF099679.D
 Acq: 20 Oct 2017 1:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	23.5	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

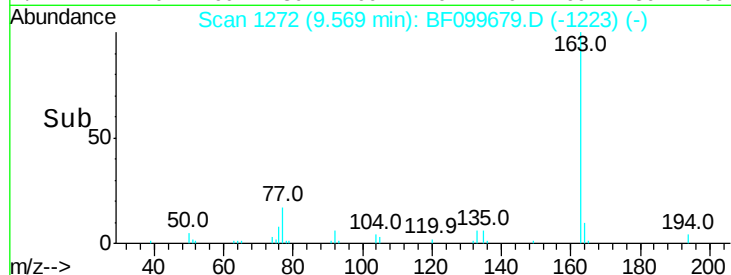
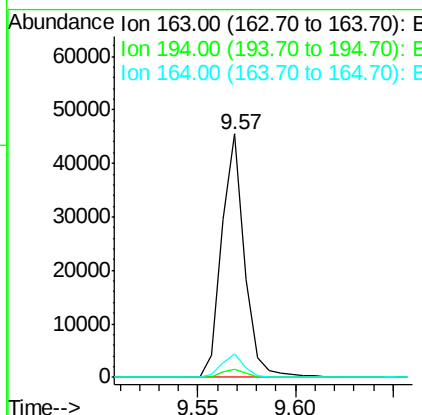
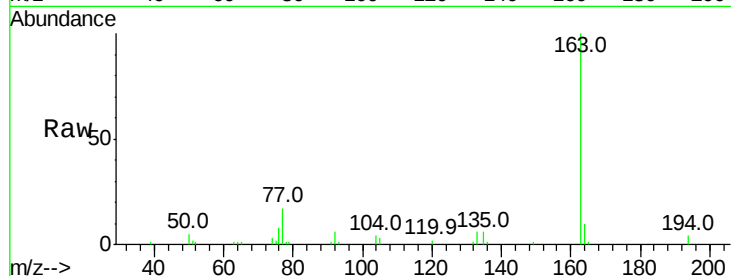




#49
Dimethylphthalate
Concen: 2.994 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

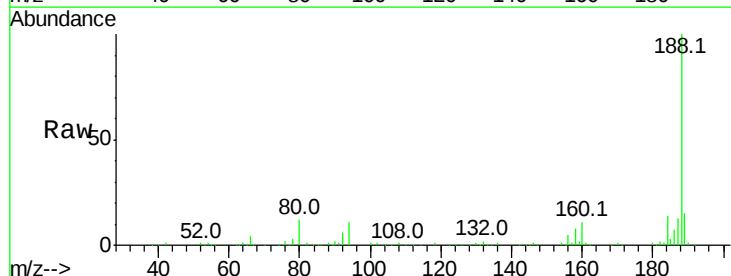
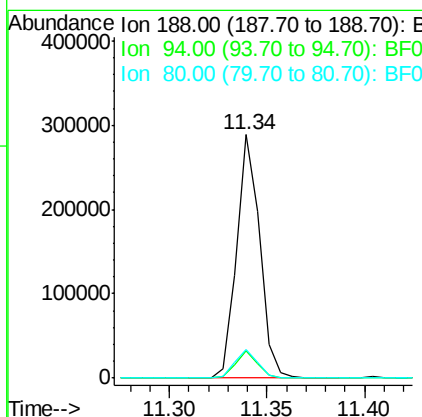
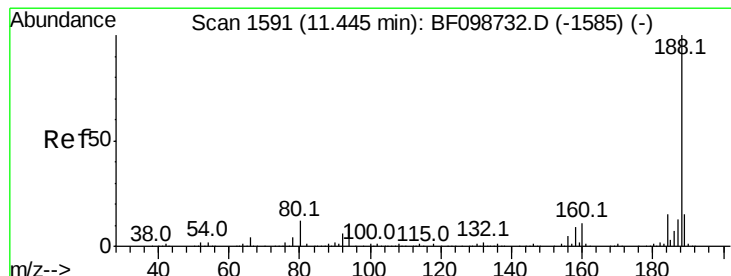
Instrument :
BNA_F
ClientSampleId :
101717-TIDO-F-U-S

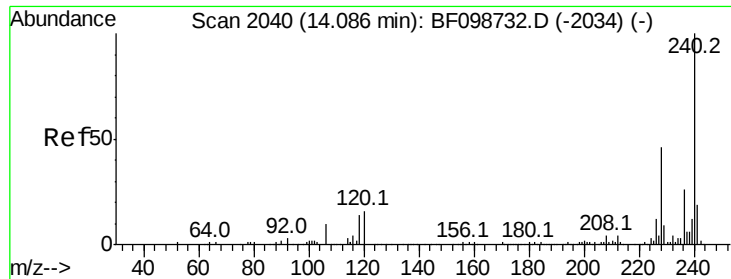
Tot Ion:163 Resp: 36745
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.9 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF099679.D
Acq: 20 Oct 2017 1:34

Tgt Ion:188 Resp: 237084
Ion Ratio Lower Upper
188 100
94 11.0 8.5 12.7
80 11.8 9.2 13.8

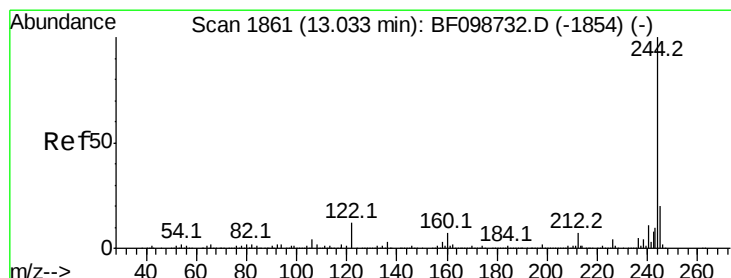
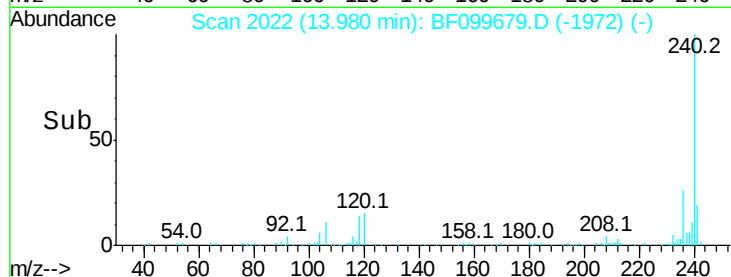
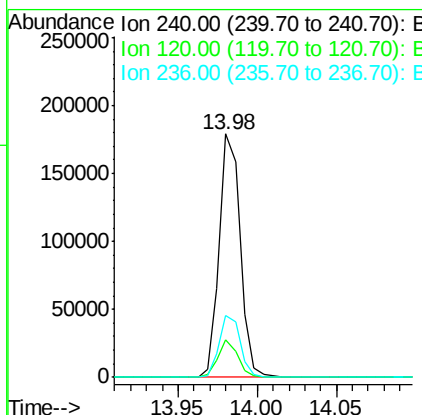
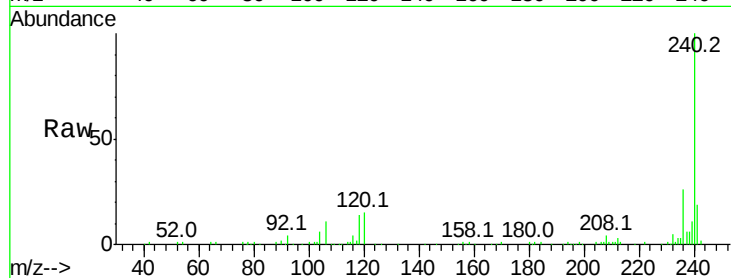




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099679.D
 Acq: 20 Oct 2017 1:34

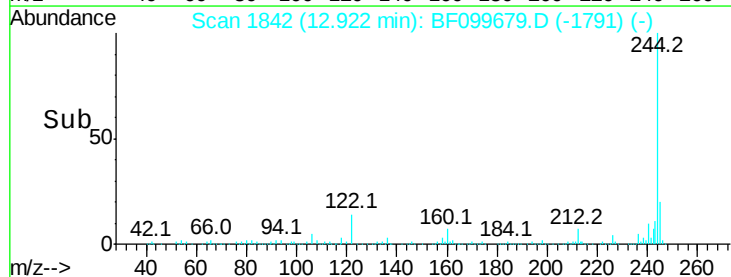
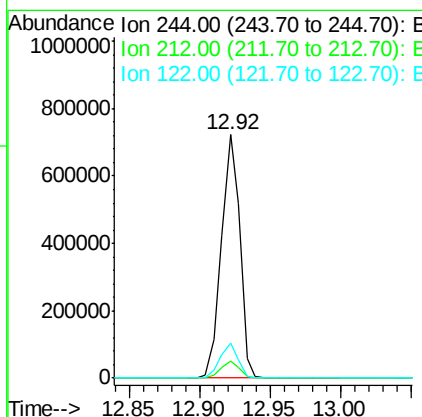
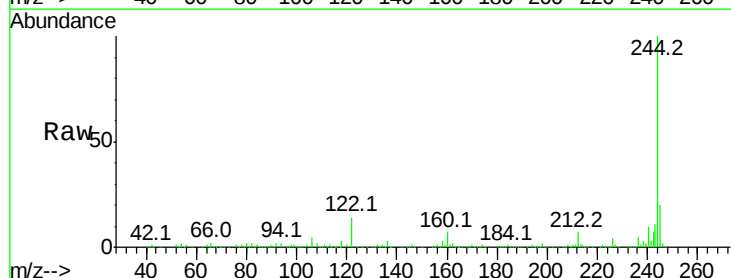
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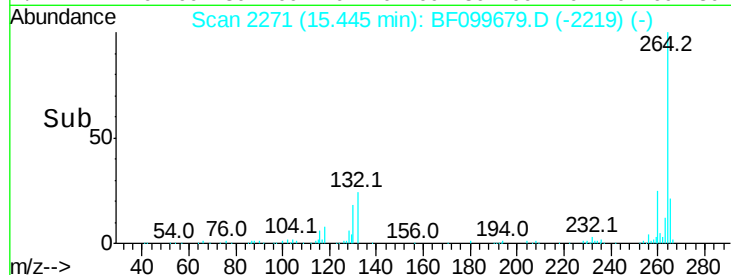
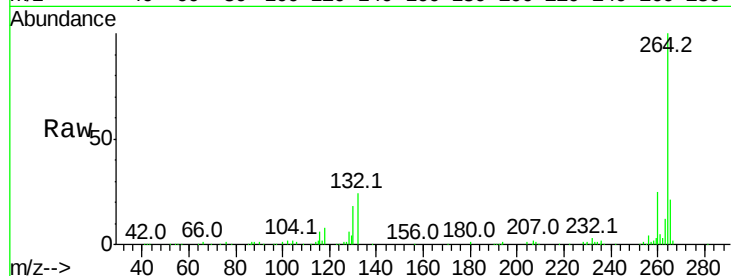
Tot Ion:240 Resp: 165276
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 25.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 90.136 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF099679.D
 Acq: 20 Oct 2017 1:34

Tgt Ion:244 Resp: 655056
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 14.4 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF099679.D
 Acq: 20 Oct 2017 1:34

Instrument :
 BNA_F
 ClientSampleId :
 101717-TIDO-F-U-S

Tot Ion:264	Resp:	184206
Ion Ratio	Lower	Upper
264	100	
260	24.7	19.2 28.8
265	21.1	17.5 26.3

