

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
 Data File : BF101593.D
 Acq On : 21 Dec 2017 6:59
 Operator : SJ/JU
 Sample : I6971-04
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-U-S

Quant Time: Dec 21 08:07:55 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	143166	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	546526	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	216419	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	339102	20.00	ng	0.00
75) Chrysene-d12	13.97	240	278279	20.00	ng	0.00
86) Perylene-d12	15.43	264	304797	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	434906	45.25	ng	0.00
7) Phenol-d6	6.43	99	335803	28.07	ng	0.00
23) Nitrobenzene-d5	7.36	82	845067	86.07	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	146257	70.13	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1255425	89.99	ng	0.00
78) Terphenyl-d14	12.90	244	860574	74.55	ng	0.00

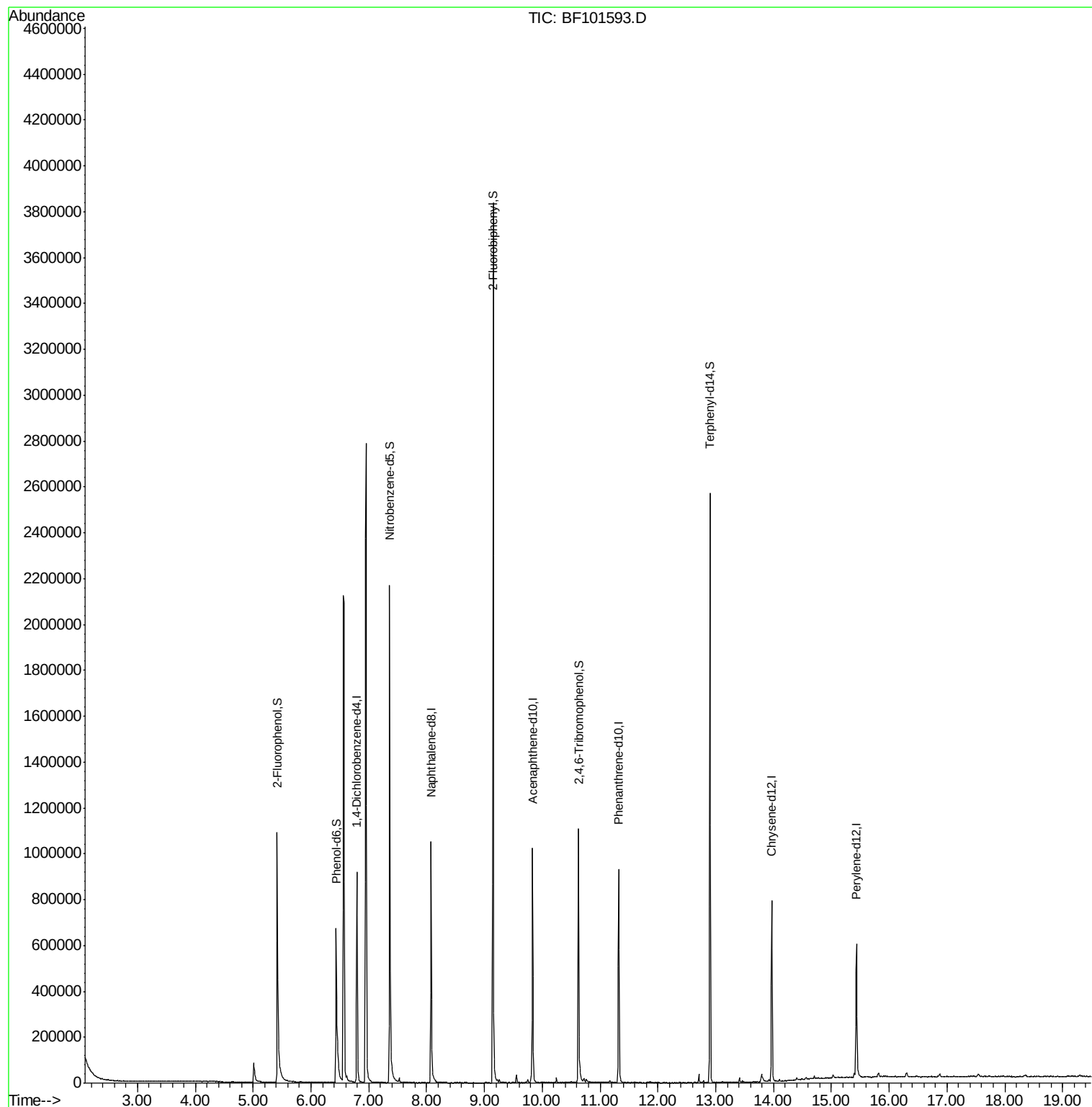
Target Compounds	Qvalue
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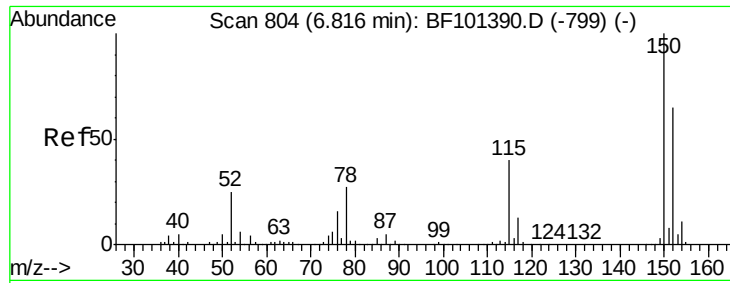
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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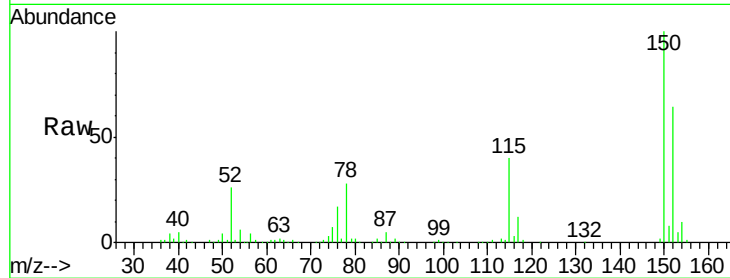




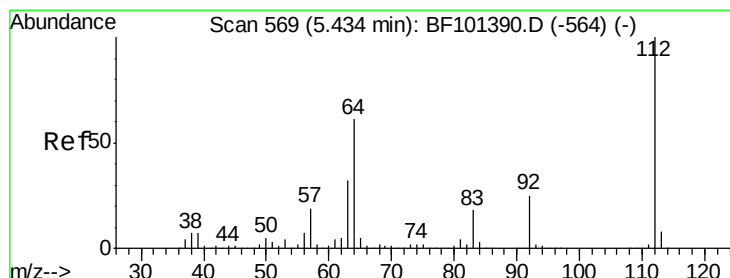
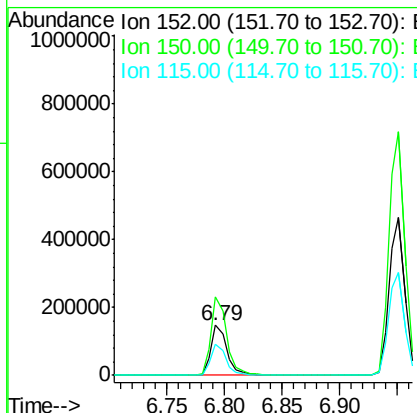
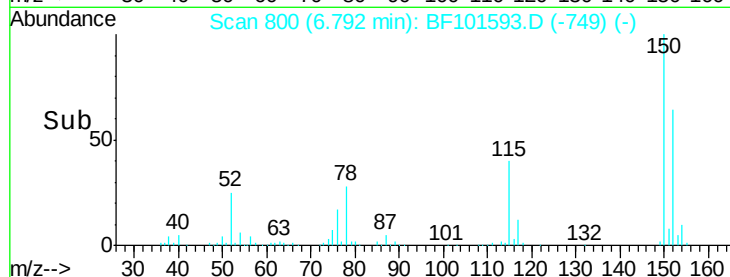
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF101593.D
 Acq: 21 Dec 2017 6:59

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-U-S

Tgt Ion:152 Resp: 143166
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.6 186.8
 115 62.9 50.1 75.1

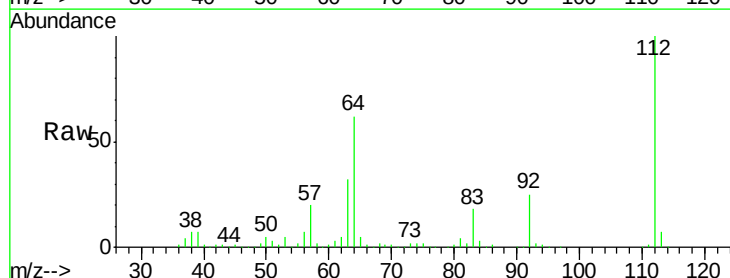


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

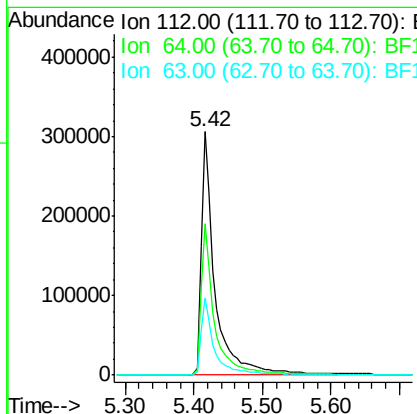
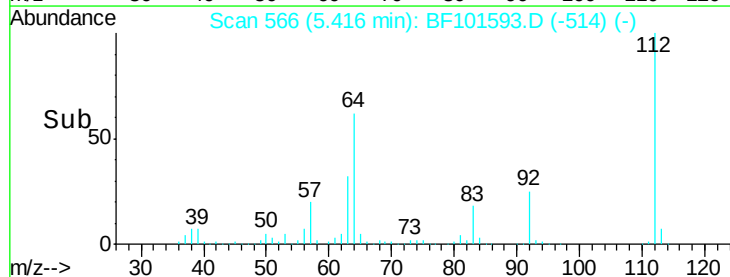


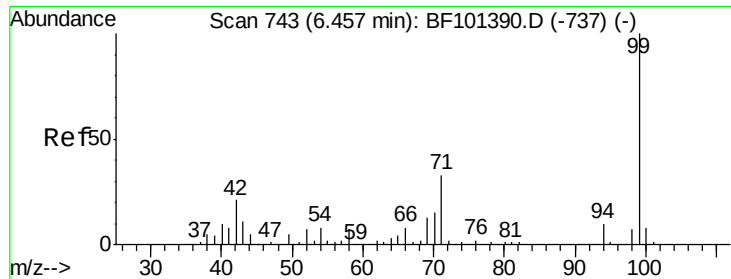
#5
 2-Fluorophenol
 Concen: 45.250 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF101593.D
 Acq: 21 Dec 2017 6:59

Tgt Ion:112 Resp: 434906
 Ion Ratio Lower Upper
 112 100
 64 62.2 47.9 71.9
 63 31.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.074 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF101593.D

Acq: 21 Dec 2017 6:59

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-U-S

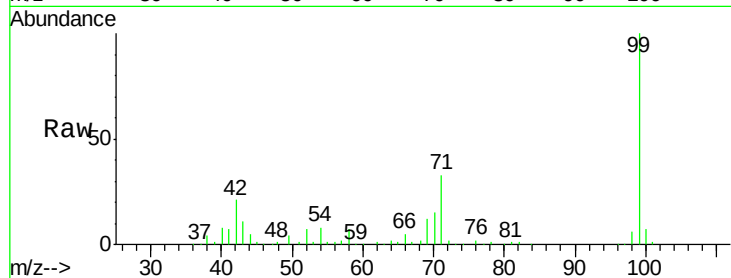
Tgt Ion: 99 Resp: 335803

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

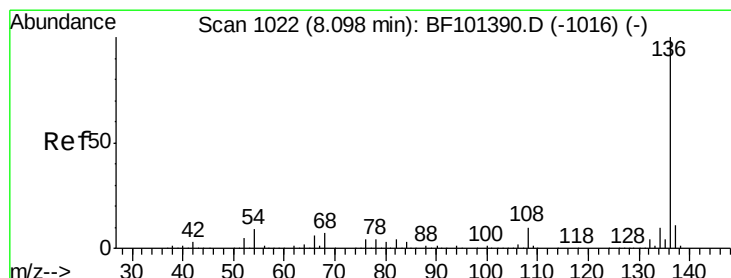
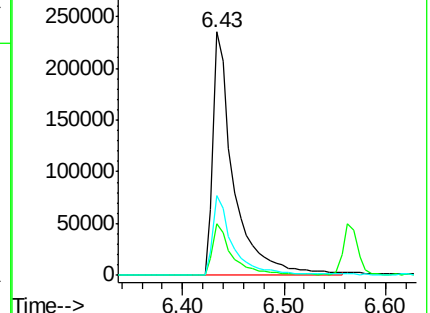
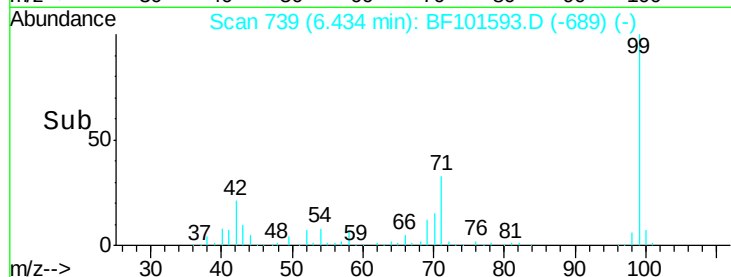
71 32.8 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101593.D

Acq: 21 Dec 2017 6:59

Tgt Ion: 136 Resp: 546526

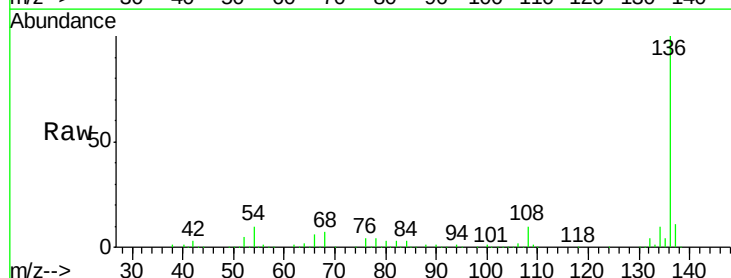
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.8 6.6 9.8

68 7.0 5.0 7.4

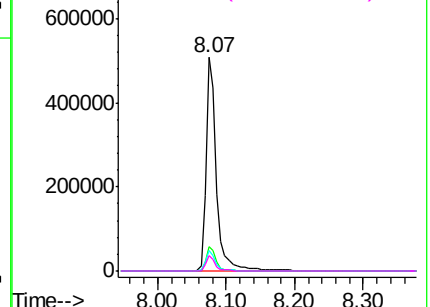
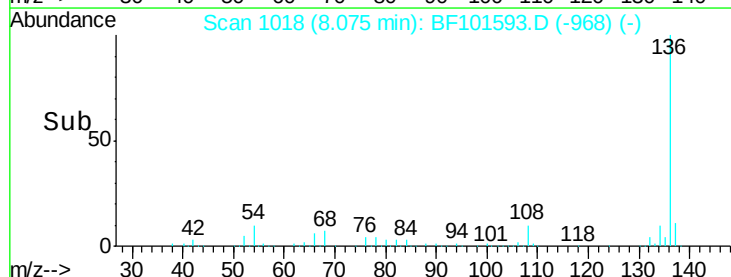


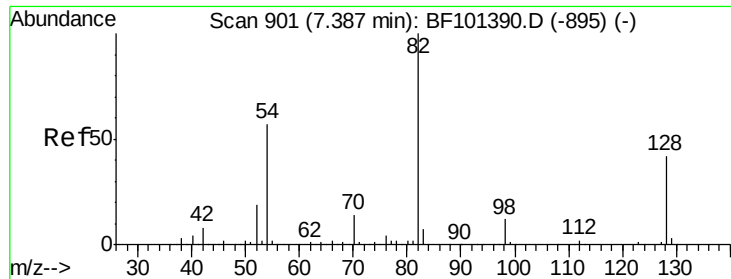
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

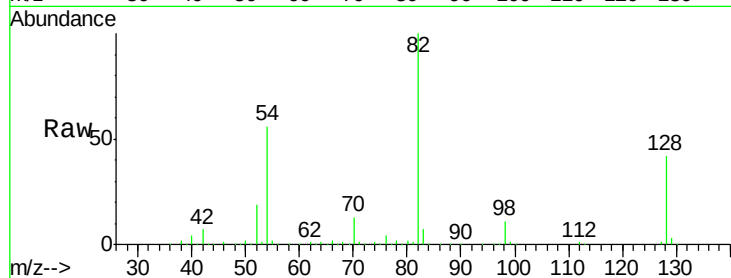




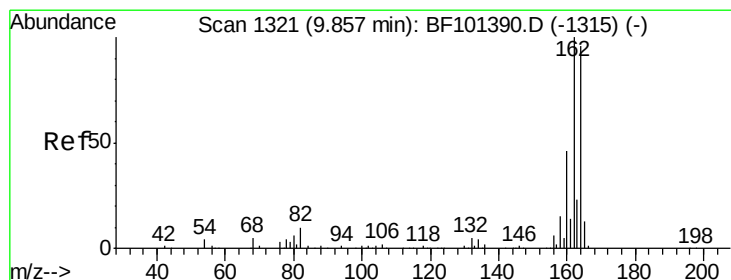
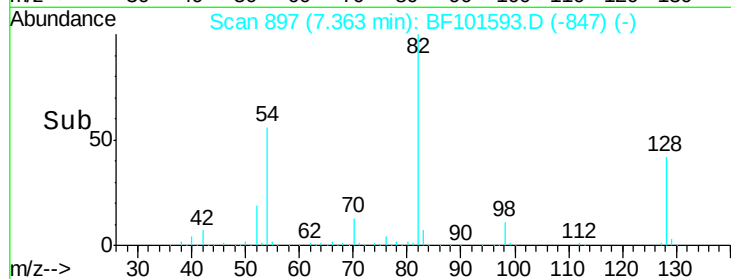
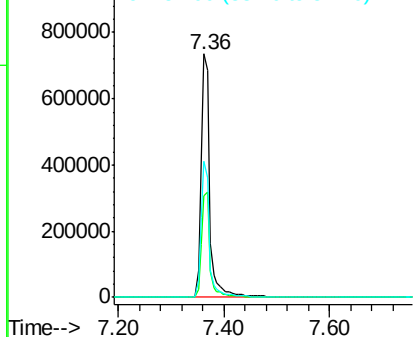
#23
Nitrobenzene-d5
Concen: 86.073 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101593.D
Acq: 21 Dec 2017 6:59

Instrument :
BNA_F
ClientSampleId :
121517-TIDO-F-U-S

Tgt Ion: 82 Resp: 845067
Ion Ratio Lower Upper
82 100
128 41.8 36.1 54.1
54 55.8 41.4 62.2

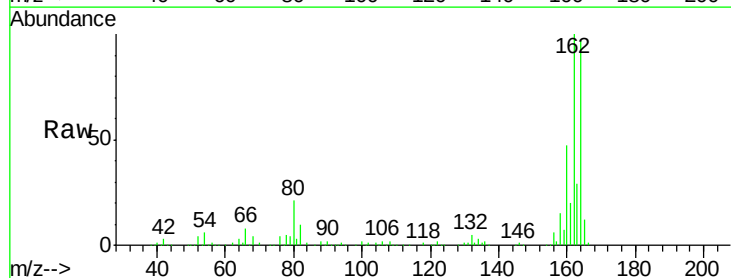


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

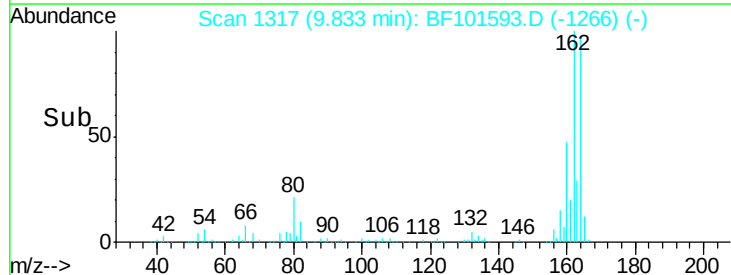
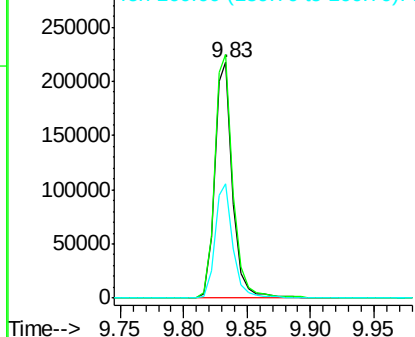


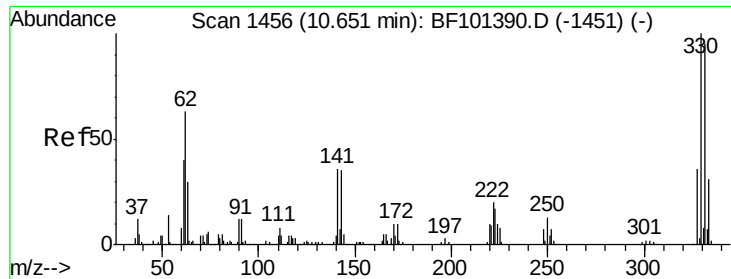
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF101593.D
Acq: 21 Dec 2017 6:59

Tgt Ion: 164 Resp: 216419
Ion Ratio Lower Upper
164 100
162 103.3 86.1 129.1
160 48.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

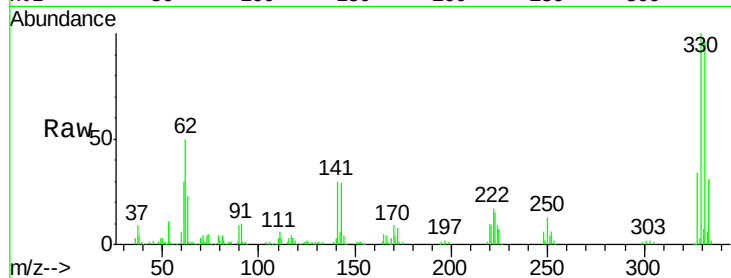




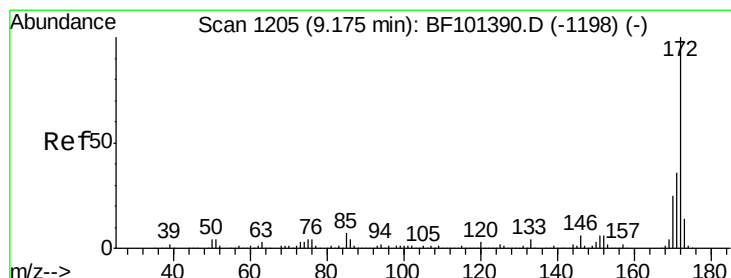
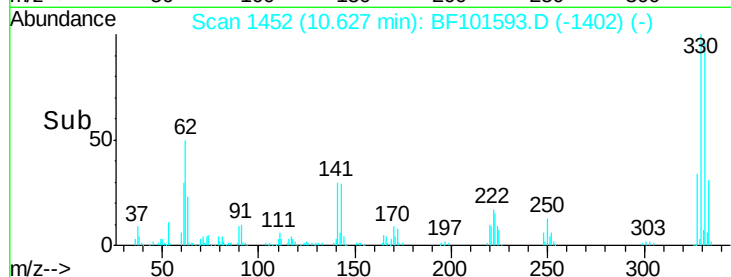
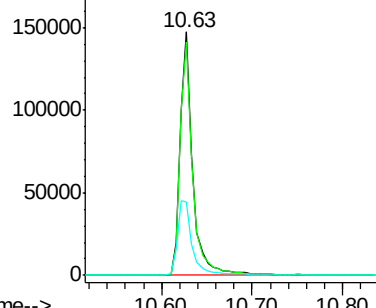
#41
 2,4,6-Tribromophenol
 Concen: 70.135 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101593.D
 Acq: 21 Dec 2017 6:59

Instrument :
 BNA_F
 ClientSampleId :
 121517-TIDO-F-U-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	36.1	29.9	44.9

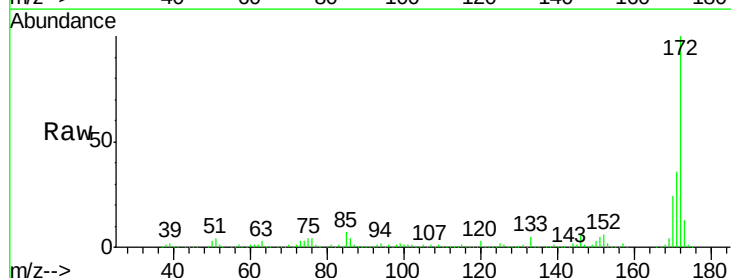


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

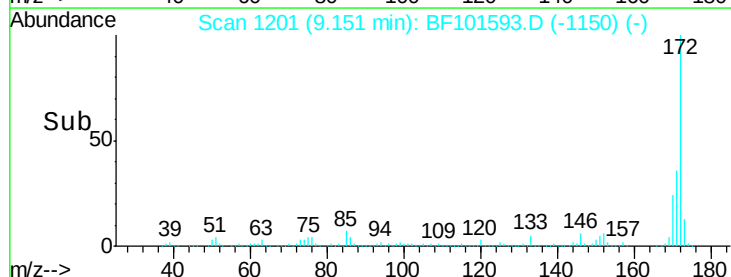
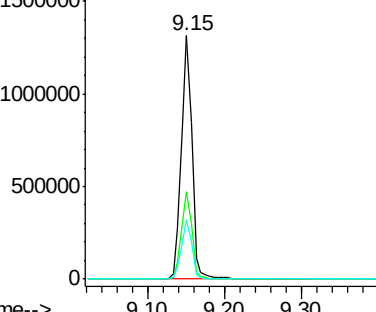


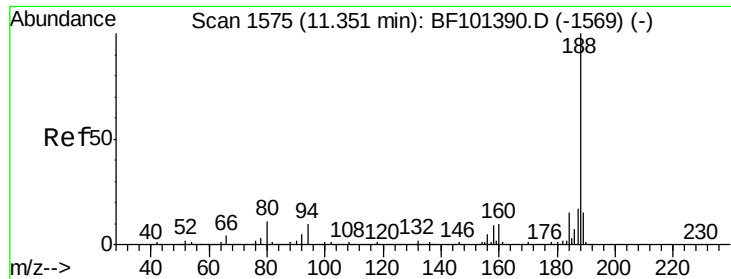
#44
 2-Fluorobiphenyl
 Concen: 89.986 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: BF101593.D
 Acq: 21 Dec 2017 6:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	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

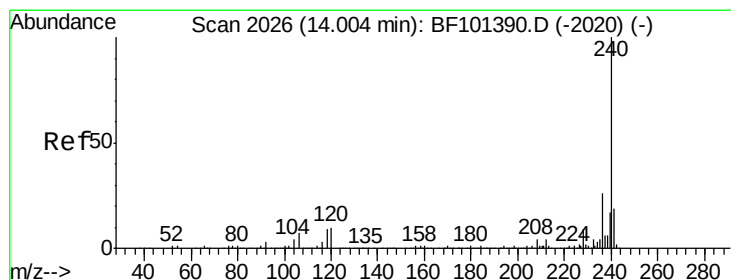
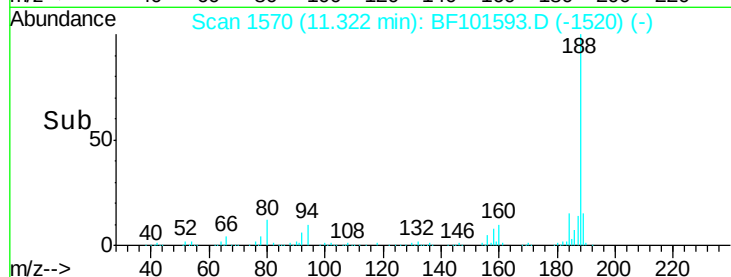
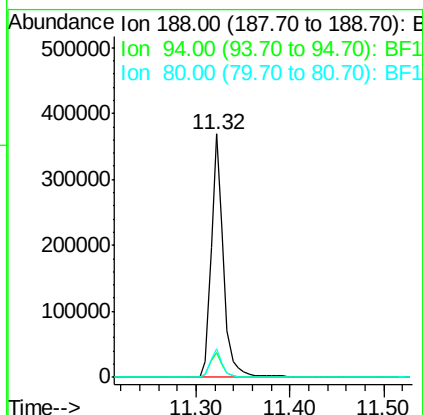
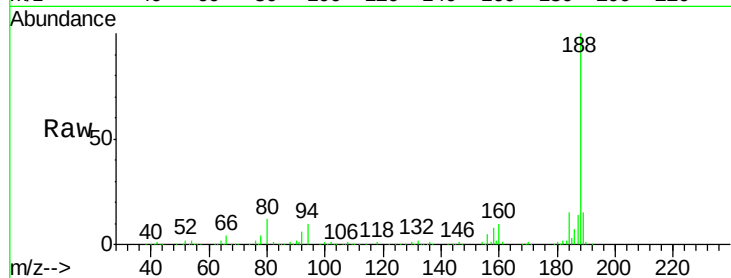




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101593.D
Acq: 21 Dec 2017 6:59

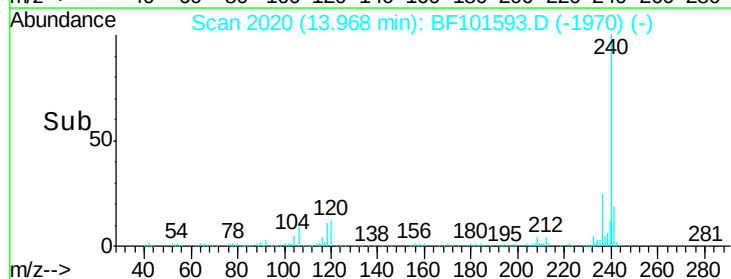
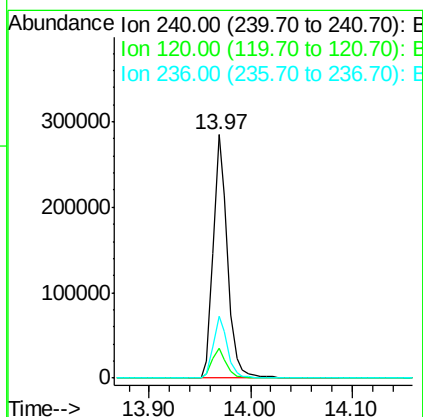
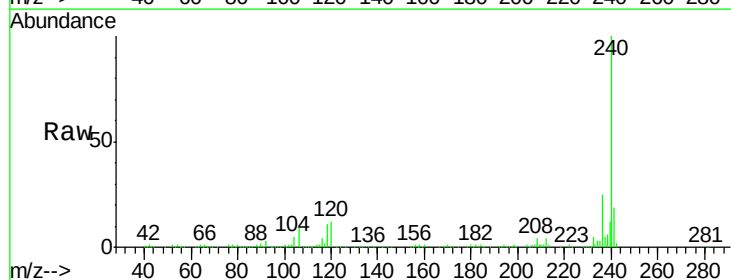
Instrument :
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ClientSampleId :
121517-TIDO-F-U-S

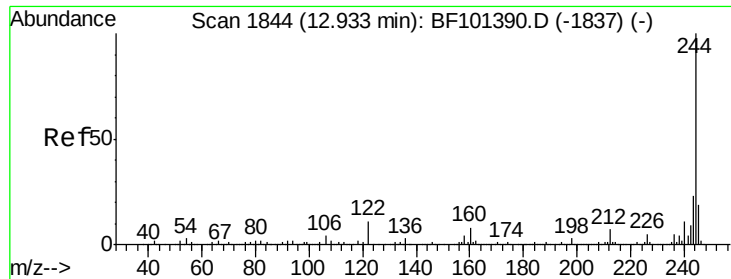
Tgt Ion:188 Resp: 339102
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101593.D
Acq: 21 Dec 2017 6:59

Tgt Ion:240 Resp: 278279
Ion Ratio Lower Upper
240 100
120 12.5 9.5 14.3
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 74.553 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101593.D

Acq: 21 Dec 2017 6:59

Instrument :

BNA_F

ClientSampleId :

121517-TIDO-F-U-S

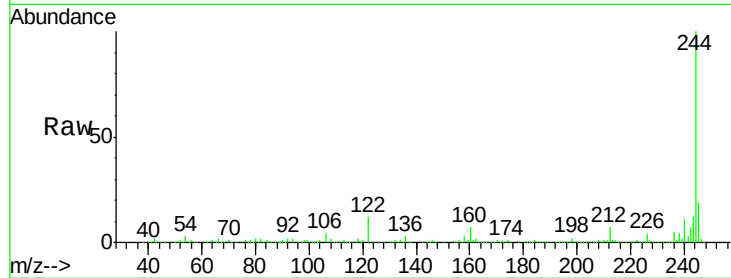
Tgt Ion:244 Resp: 860574

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

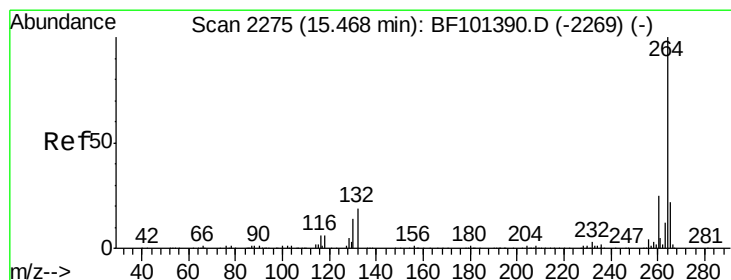
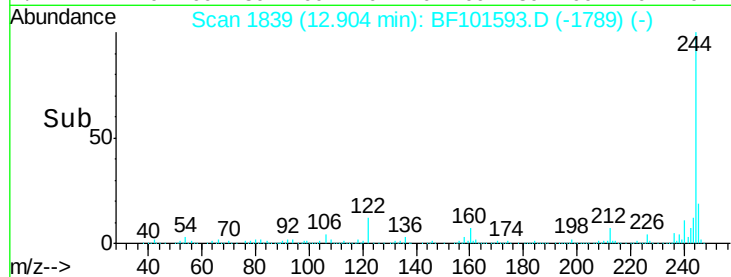
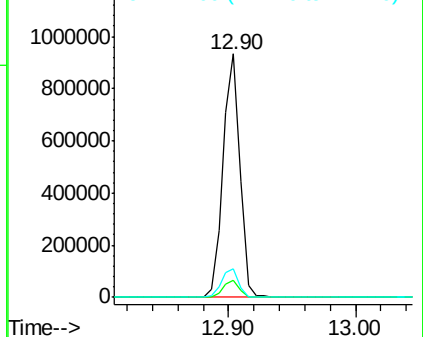
122 11.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BF101593.D

Acq: 21 Dec 2017 6:59

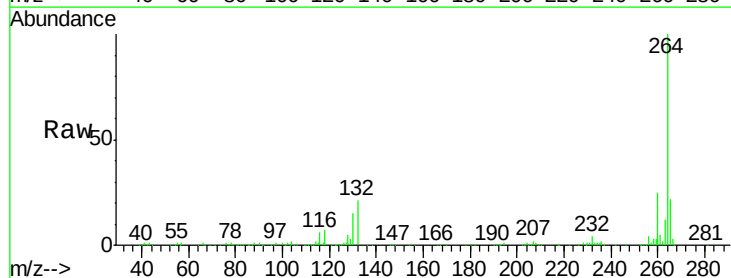
Tgt Ion:264 Resp: 304797

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.2 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

