

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120717\
 Data File : BF101223.D
 Acq On : 7 Dec 2017 23:23
 Operator : SJ/JU
 Sample : I6731-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 113017-TIDO-E-D-S

Quant Time: Dec 08 02:15:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	41889	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	146758	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	59604	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	102608	20.00	ng	0.00
75) Chrysene-d12	14.02	240	86788	20.00	ng	0.00
86) Perylene-d12	15.50	264	67476	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	115732	45.65	ng	0.00
7) Phenol-d6	6.47	99	85964	27.93	ng	-0.01
23) Nitrobenzene-d5	7.41	82	232275	94.41	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	54806	76.54	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	471697	108.28	ng	-0.01
78) Terphenyl-d14	12.96	244	370670	93.42	ng	0.00

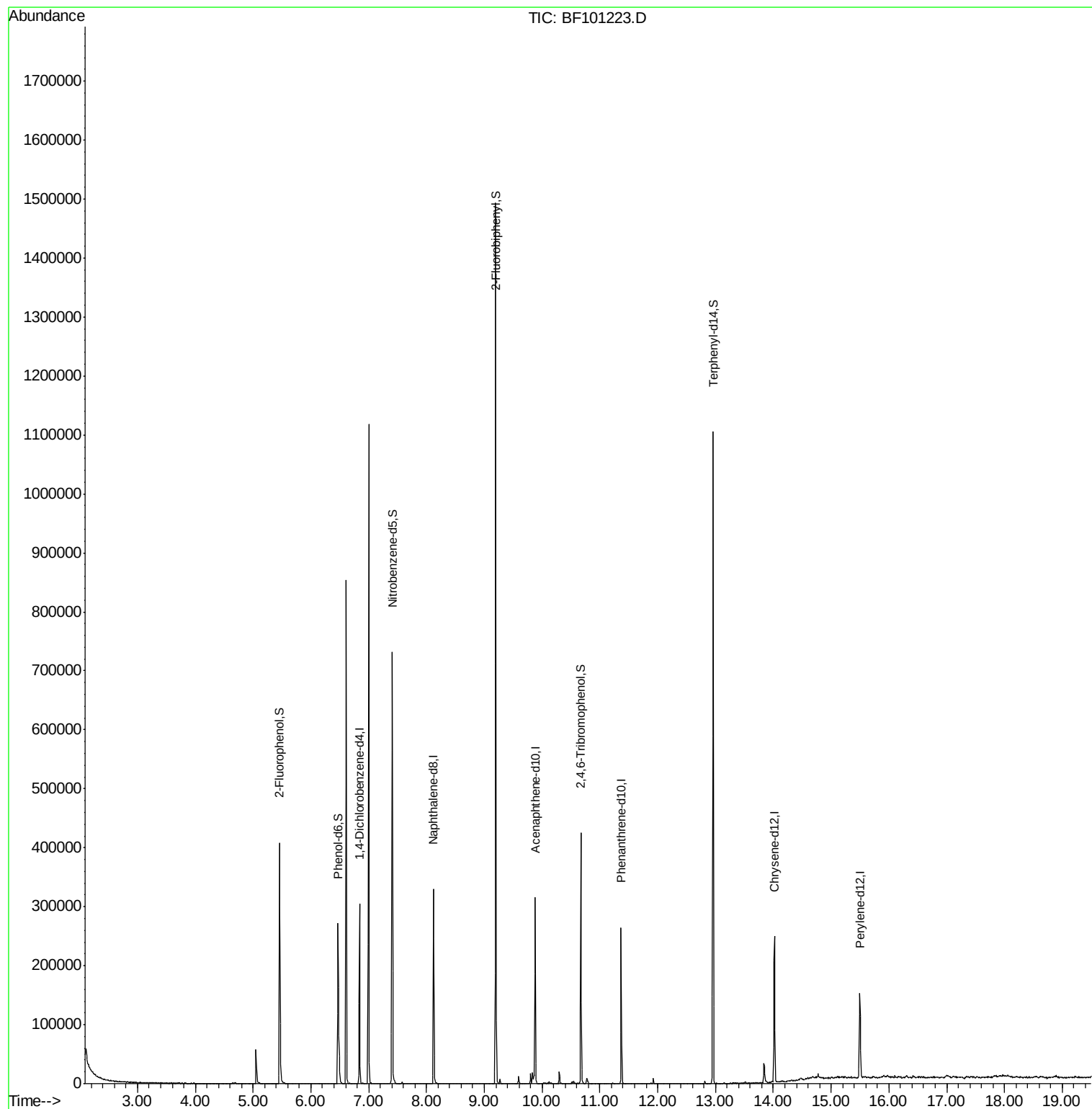
Target Compounds Qvalue

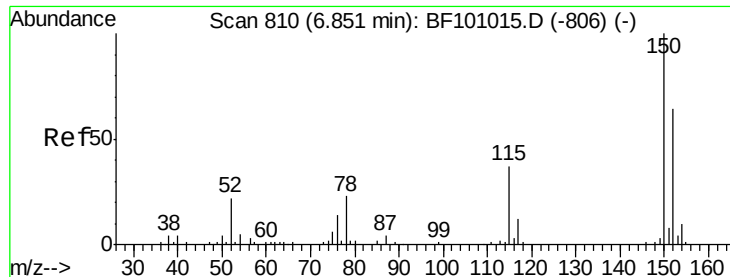
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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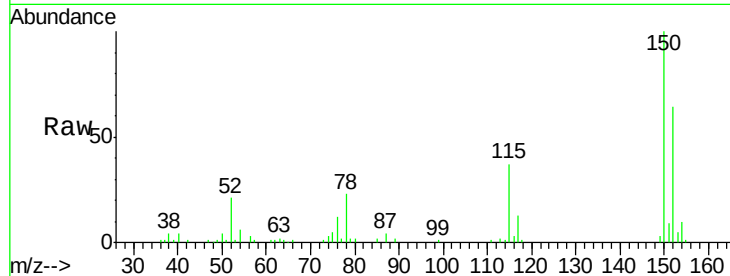


#1

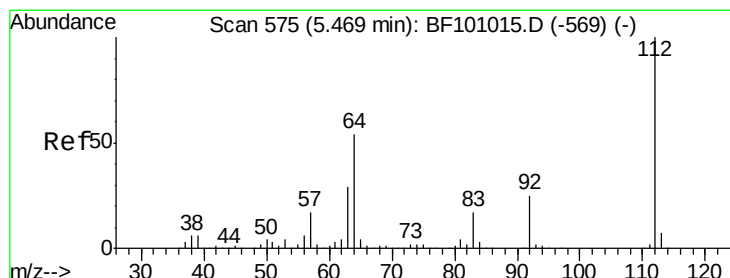
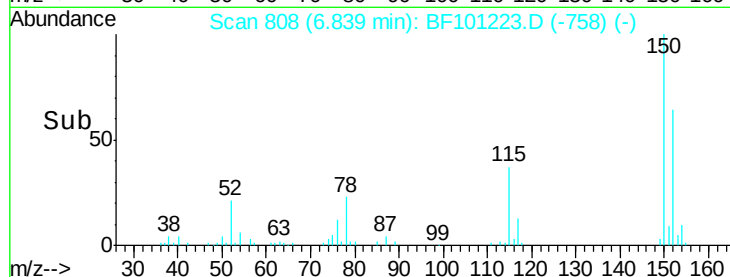
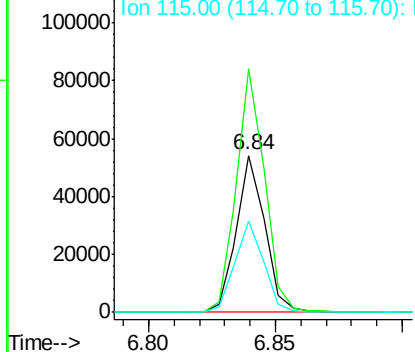
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

Instrument :
BNA_F
ClientSampleId :
113017-TIDO-E-D-S

Tot Ion:152 Resp: 41889
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 57.8 50.1 75.1



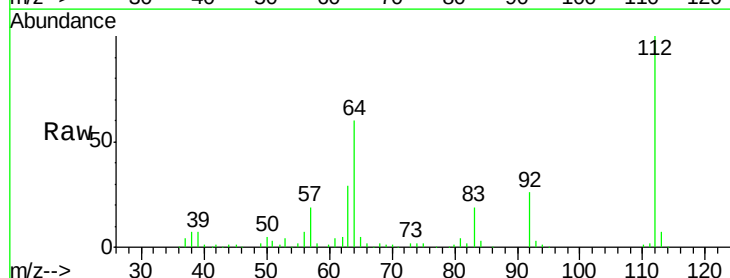
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



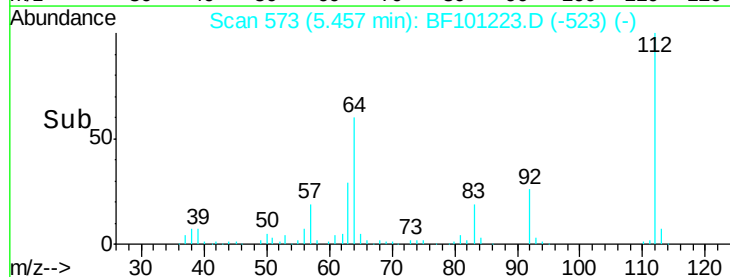
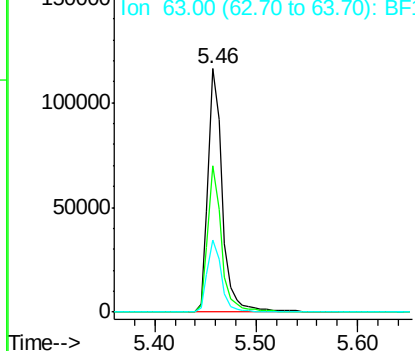
#5

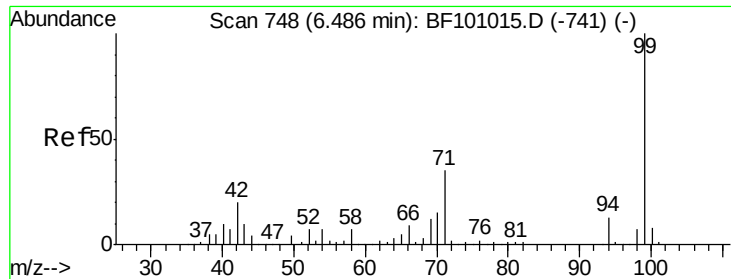
2-Fluorophenol
Concen: 45.654 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

Tgt Ion:112 Resp: 115732
Ion Ratio Lower Upper
112 100
64 60.2 47.9 71.9
63 29.4 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: 27.931 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF101223.D

Acq: 7 Dec 2017 23:23

Instrument :

BNA_F

ClientSampleId :

113017-TIDO-E-D-S

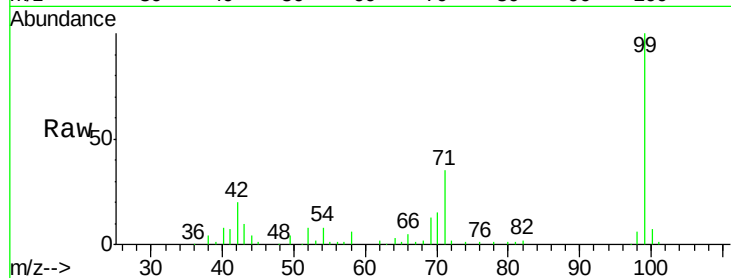
Tot Ion: 99 Resp: 85964

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

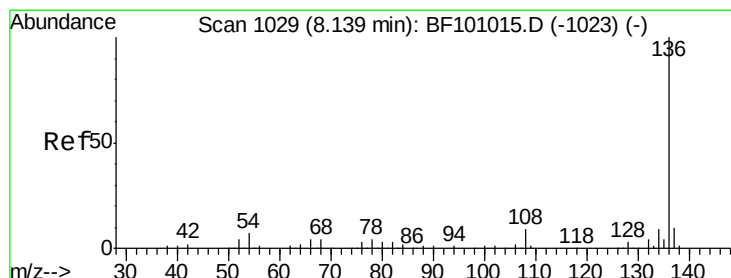
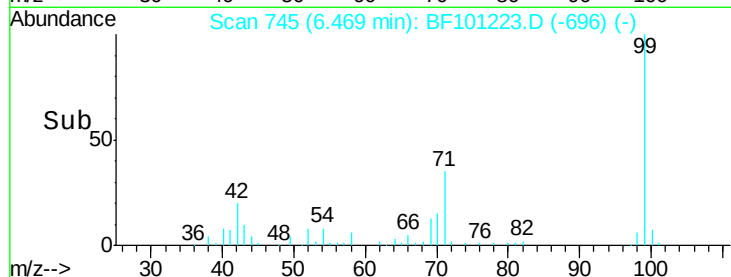
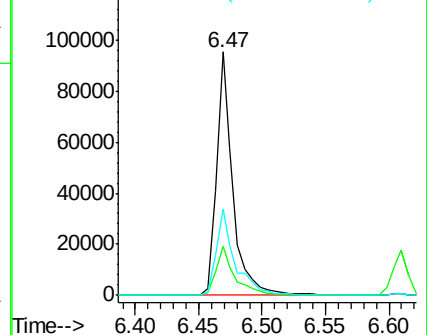
71 35.1 25.4 38.0



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: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF101223.D

Acq: 7 Dec 2017 23:23

Tgt Ion: 136 Resp: 146758

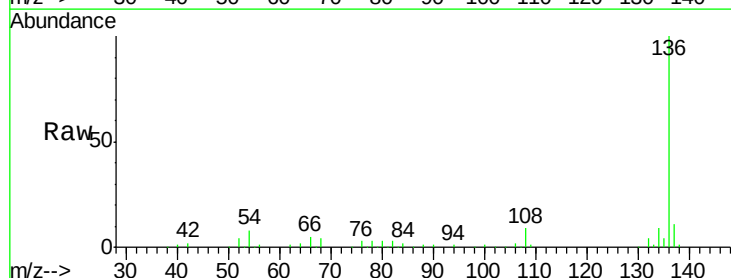
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.6 6.6 9.8

68 4.5 5.0 7.4#

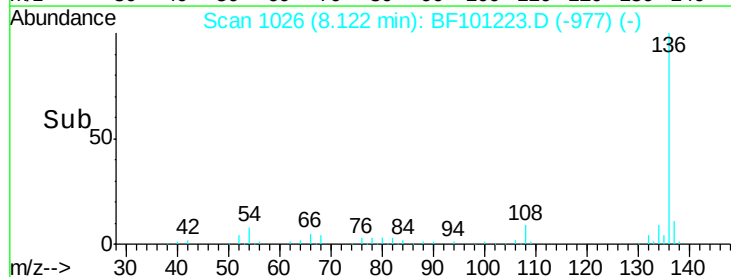
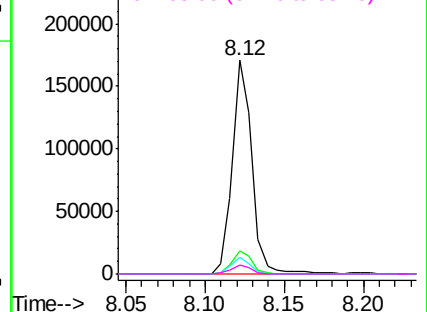


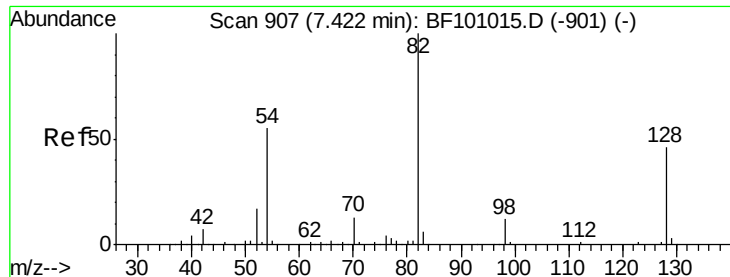
Abundance Ion 136.00 (135.70 to 136.70): E

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

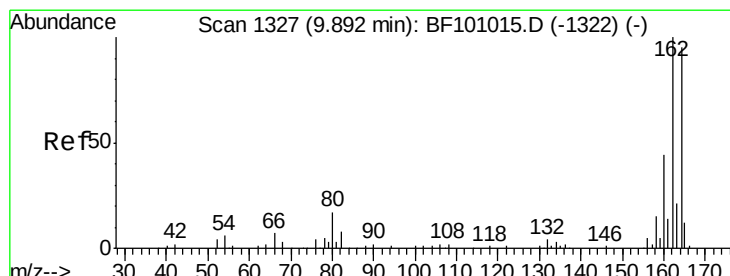
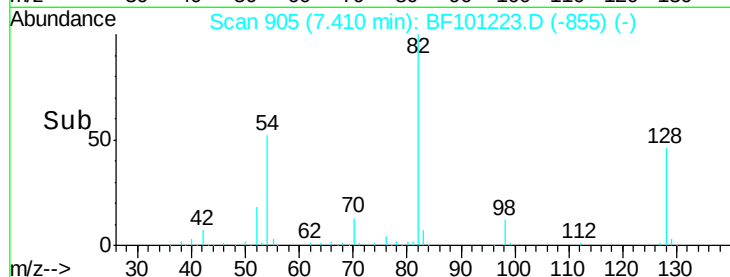
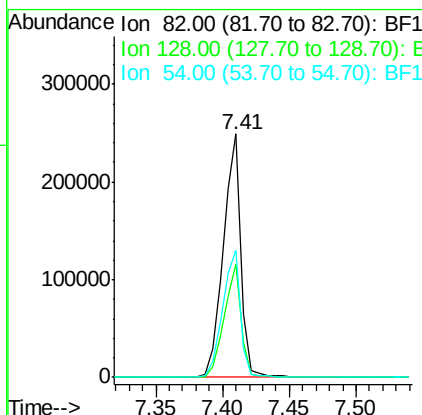
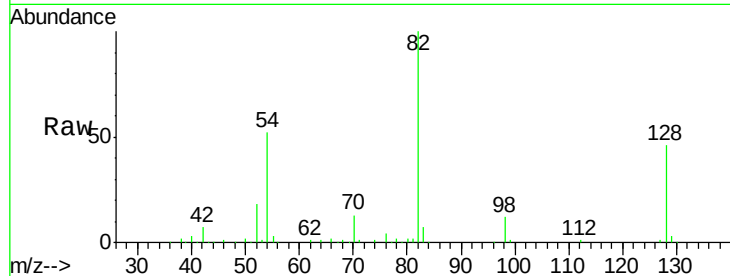




#23
 Nitrobenzene-d5
 Concen: 94.413 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

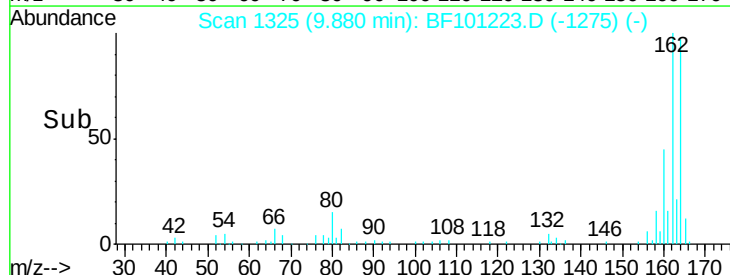
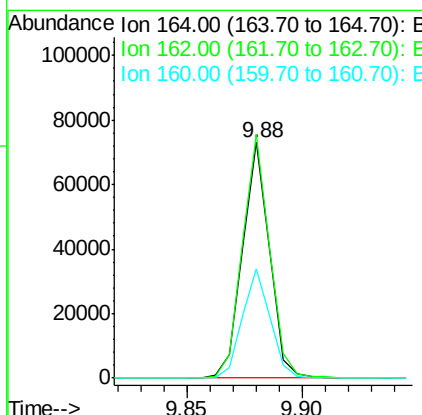
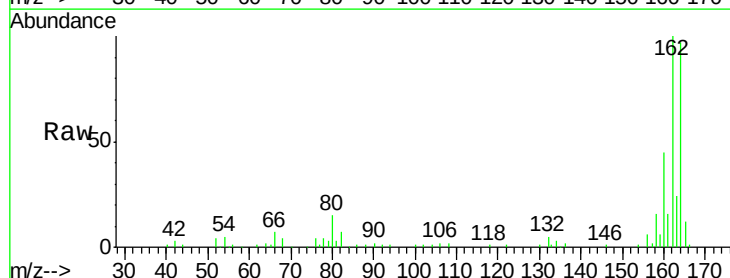
Instrument :
 BNA_F
 ClientSampleId :
 113017-TIDO-E-D-S

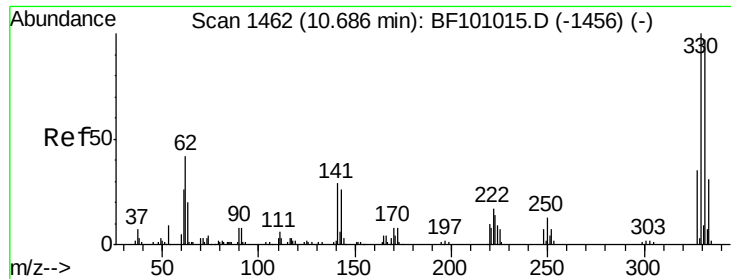
Tot Ion: 82 Resp: 232275
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 52.2 41.4 62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. -0.01 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

Tgt Ion: 164 Resp: 59604
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 46.3 38.3 57.5

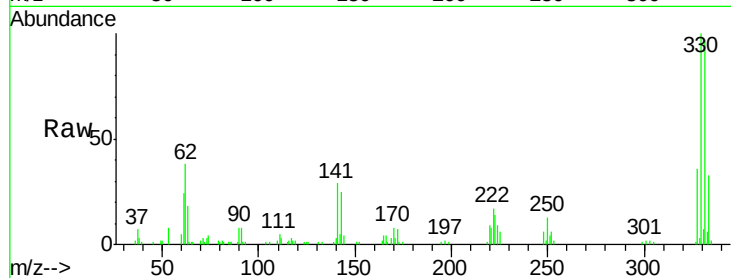




#41
 2,4,6-Tribromophenol
 Concen: 76.543 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.01 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 113017-TIDO-E-D-S

Tot Ion	330	332	141
Resp:	54806		
Ion Ratio	100	97.1	31.4
Lower		77.0	29.9
Upper		115.6	44.9

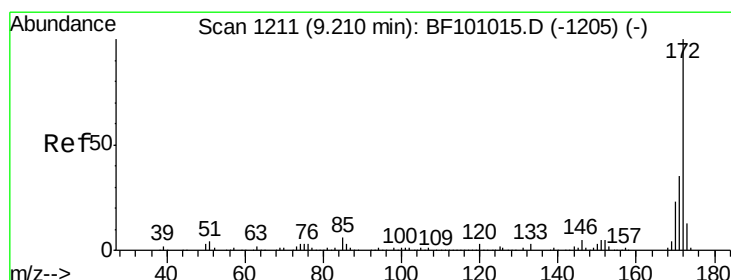
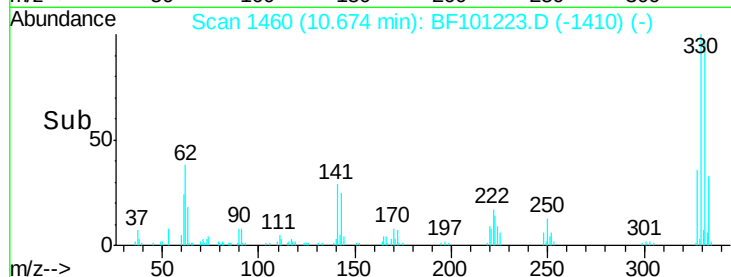
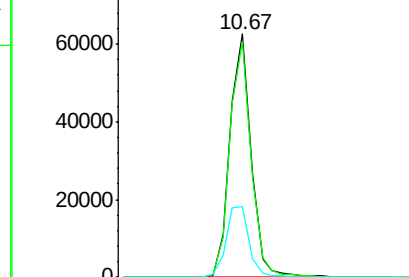


Abundance

Ion 329.80 (329.50 to 330.50): E

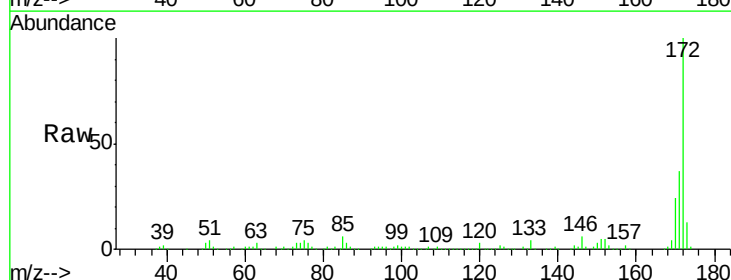
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 108.277 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF101223.D
 Acq: 7 Dec 2017 23:23

Tgt Ion	172	171	170
Resp:	471697		
Ion Ratio	100	36.6	24.1
Lower		29.7	19.6
Upper		44.5	29.4

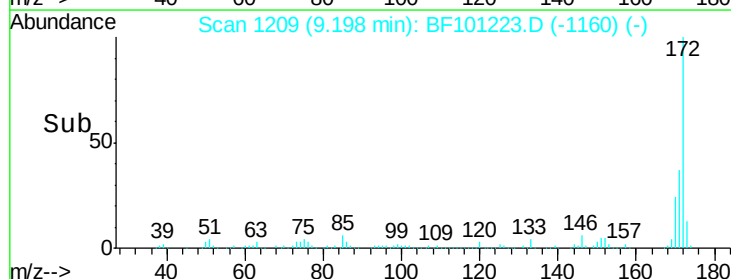
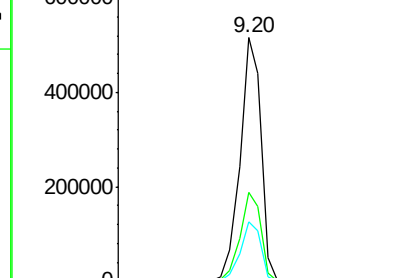


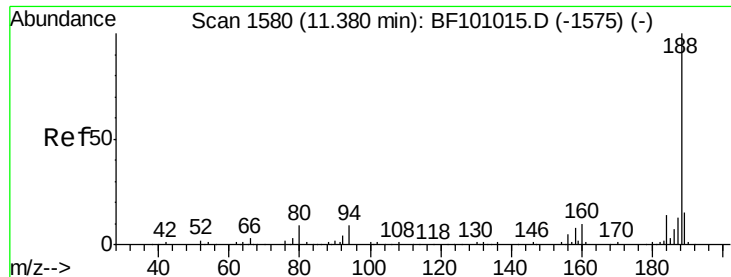
Abundance

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

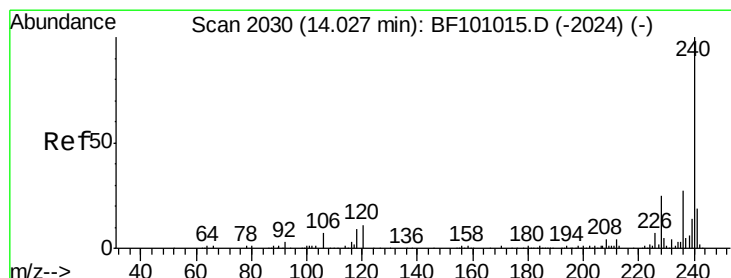
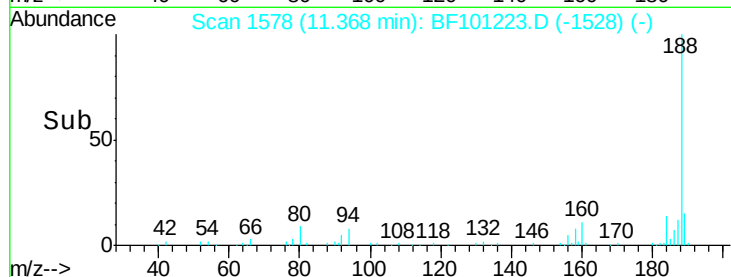
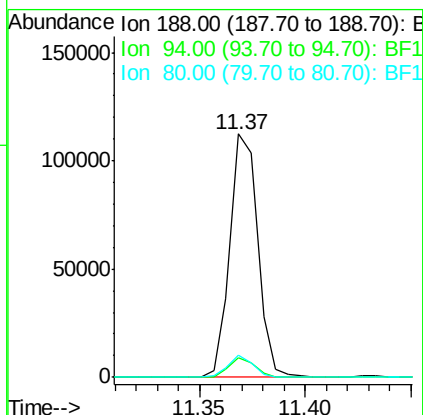
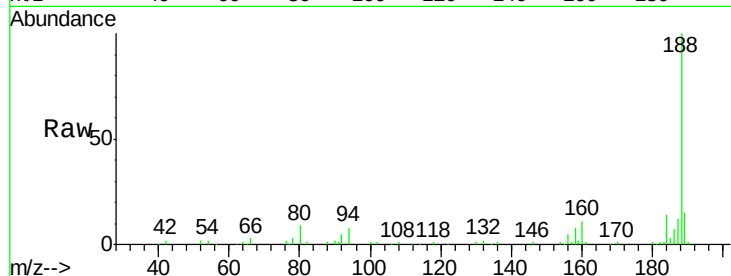




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

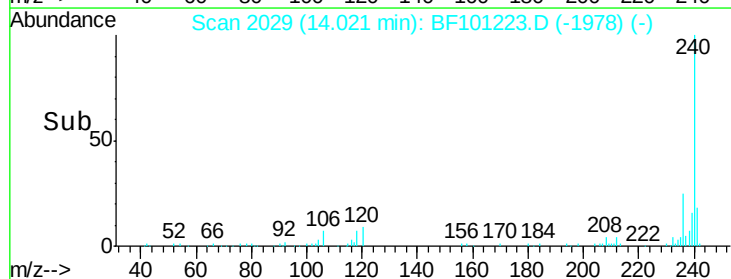
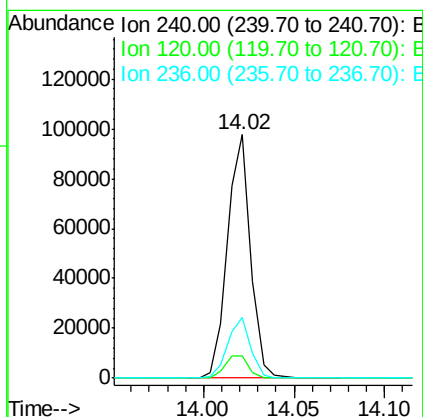
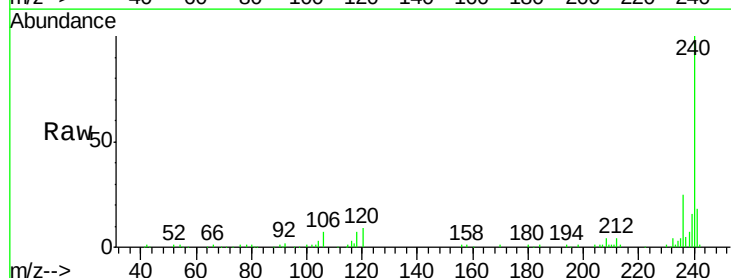
Instrument :
BNA_F
ClientSampleId :
113017-TIDO-E-D-S

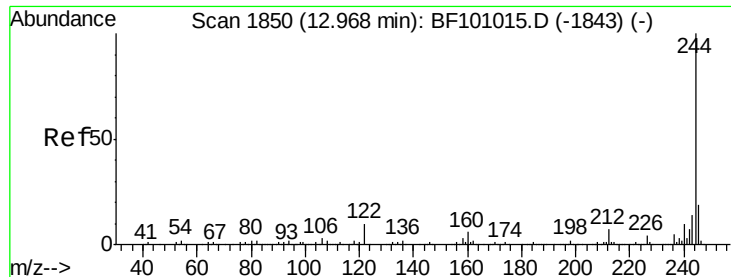
Tot Ion:188 Resp: 102608
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.9 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101223.D
Acq: 7 Dec 2017 23:23

Tgt Ion:240 Resp: 86788
Ion Ratio Lower Upper
240 100
120 9.0 9.5 14.3#
236 24.8 20.7 31.1





#78

Terphenyl-d14

Concen: 93.418 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF101223.D

Acq: 7 Dec 2017 23:23

Instrument :

BNA_F

ClientSampleId :

113017-TIDO-E-D-S

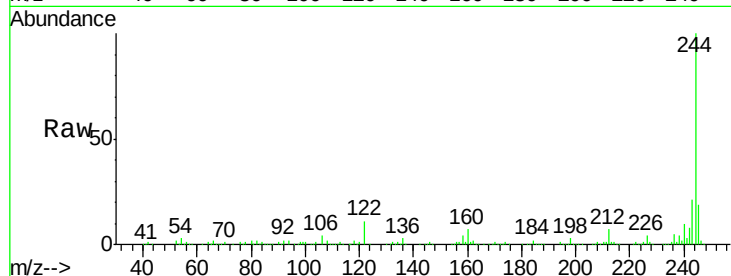
Tot Ion:244 Resp: 370670

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

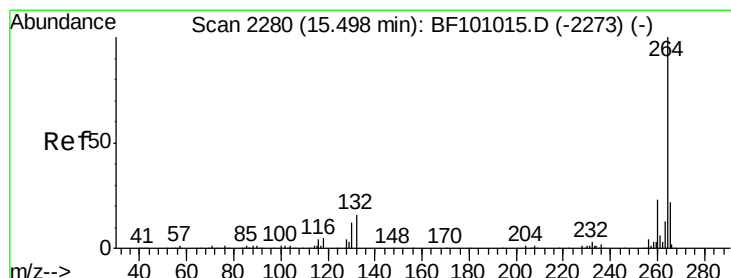
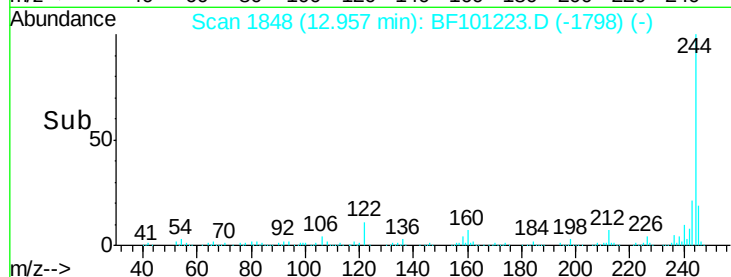
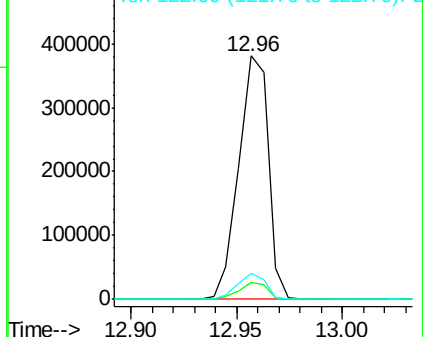
122 10.7 11.0 16.4#



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: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF101223.D

Acq: 7 Dec 2017 23:23

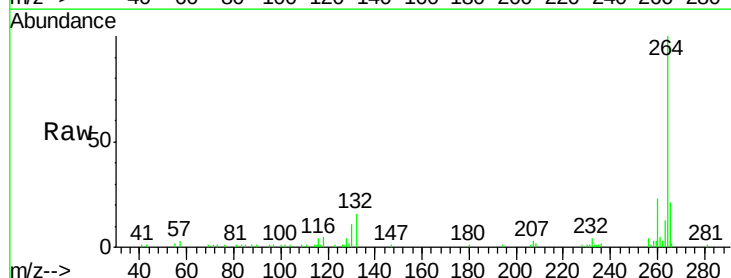
Tgt Ion:264 Resp: 67476

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.3 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

