

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100960.D
 Acq On : 29 Nov 2017 3:57
 Operator : SJ/JU
 Sample : I6603-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 112217-TIDO-F-D-S

Quant Time: Nov 29 06:04:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	62409	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	223743	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	97094	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	156868	20.00	ng	0.00
75) Chrysene-d12	14.02	240	133748	20.00	ng	0.00
86) Perylene-d12	15.49	264	108756	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	129451	33.25	ng	0.00
7) Phenol-d6	6.48	99	92236	19.21	ng	-0.01
23) Nitrobenzene-d5	7.42	82	329524	97.37	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	78167	79.01	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	673043	105.55	ng	0.00
78) Terphenyl-d14	12.97	244	477892	82.10	ng	0.00

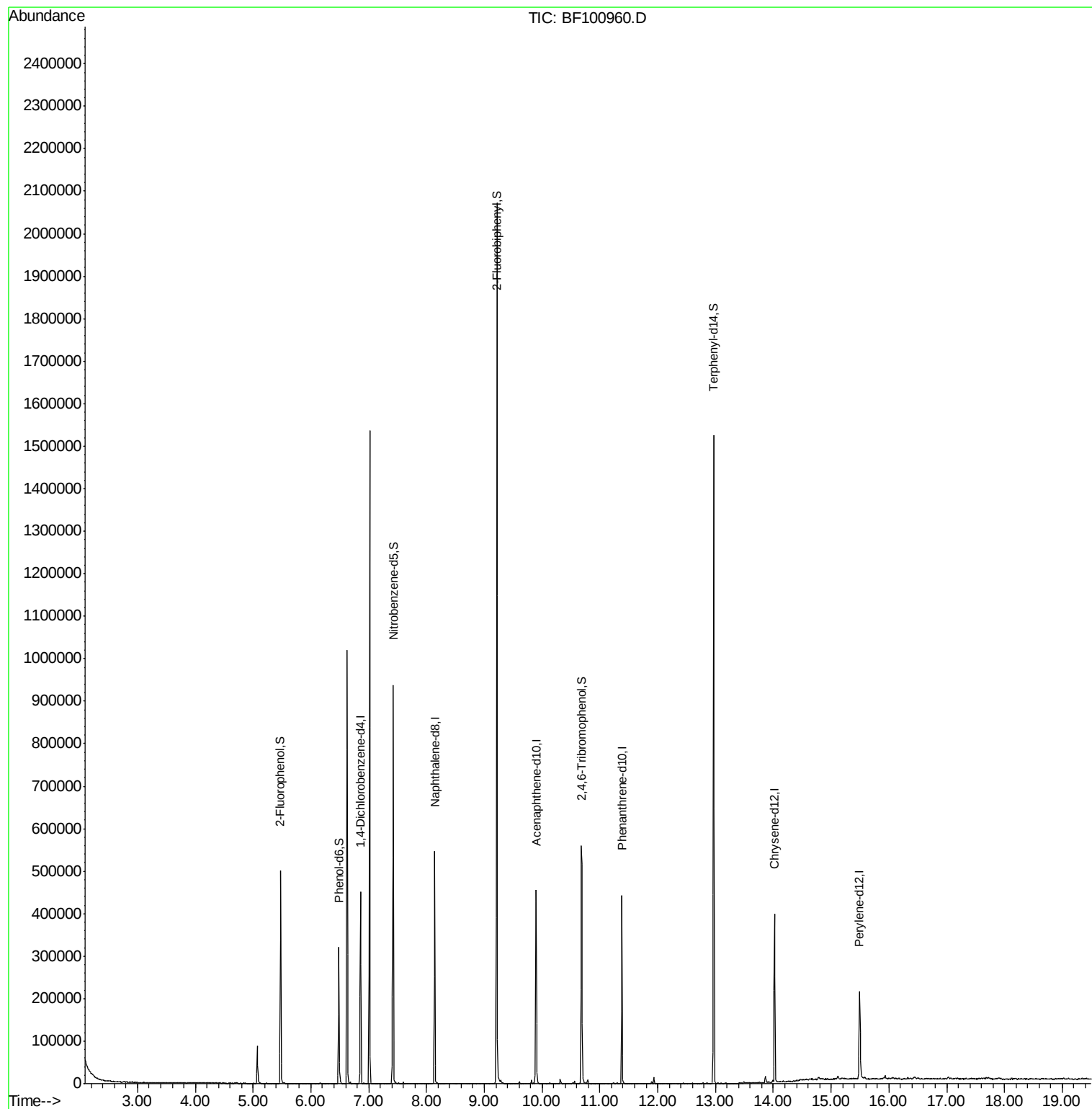
Target Compounds Qvalue

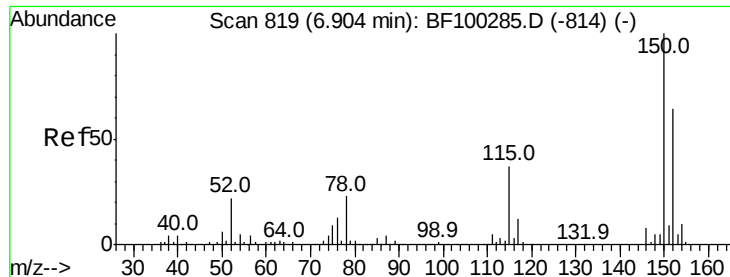
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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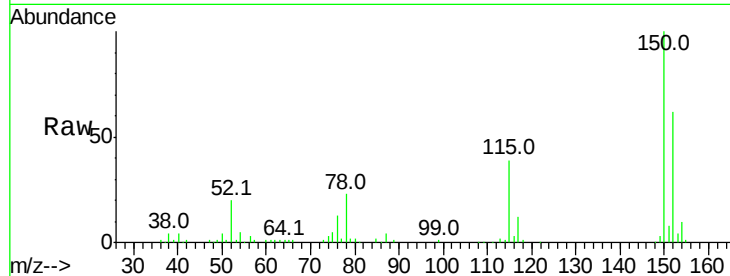


#1

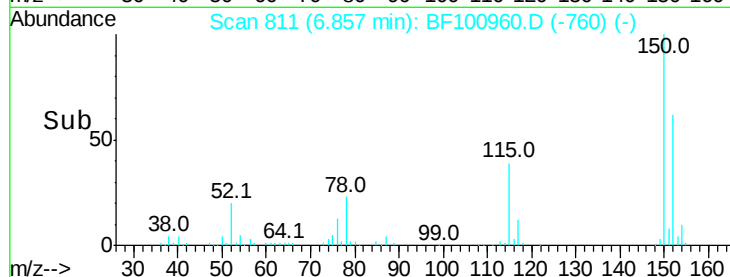
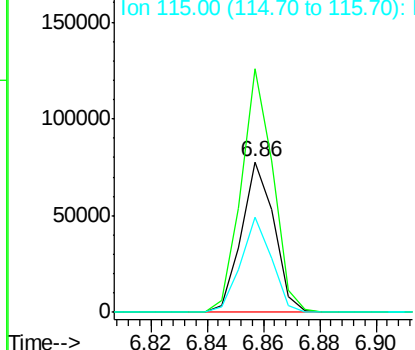
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF100960.D
 Acq: 29 Nov 2017 3:57

Instrument :
 BNA_F
 ClientSampleId :
 112217-TIDO-F-D-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.0	124.6	186.8
115	63.5	50.1	75.1



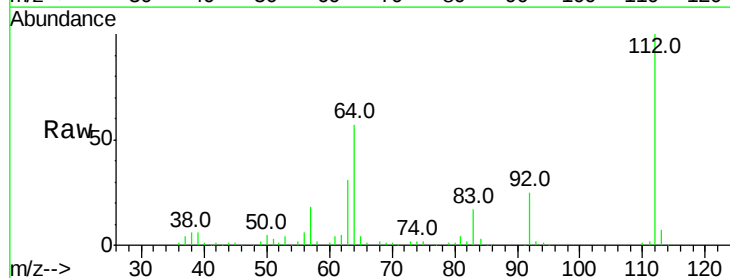
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



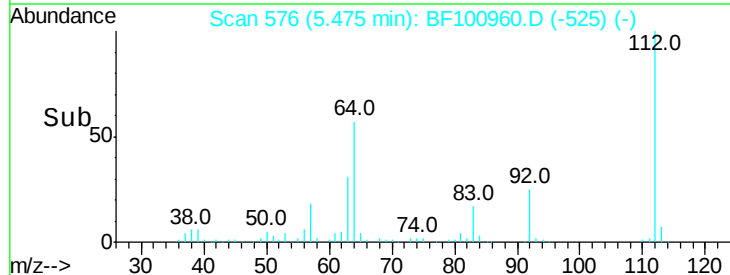
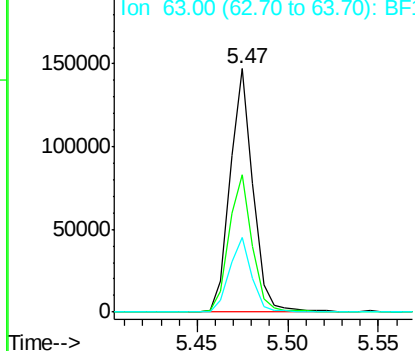
#5

2-Fluorophenol
 Concen: 33.250 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.00 min
 Lab File: BF100960.D
 Acq: 29 Nov 2017 3:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.9	71.9
63	30.6	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: 19.212 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF100960.D

Acq: 29 Nov 2017 3:57

Instrument :

BNA_F

ClientSampleId :

112217-TIDO-F-D-S

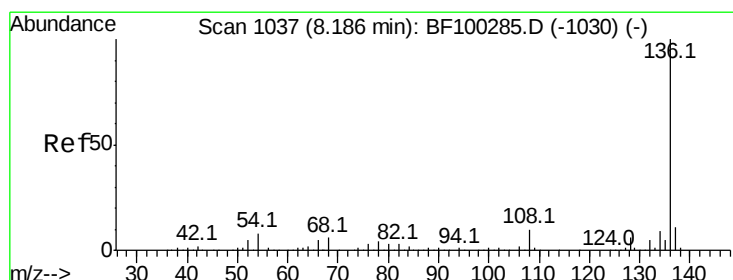
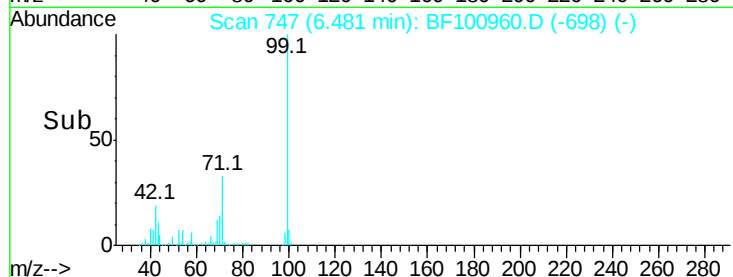
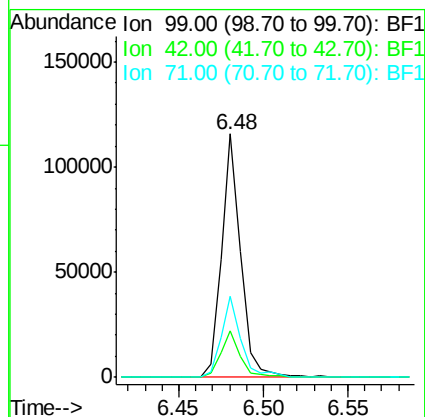
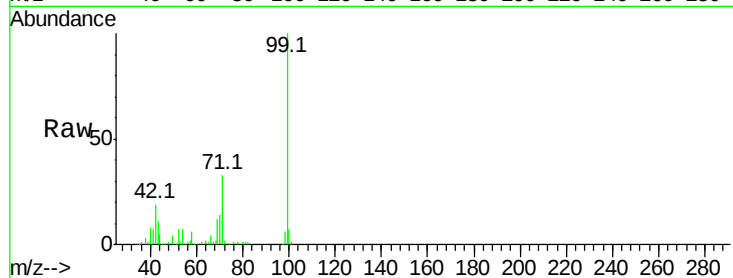
Tot Ion: 99 Resp: 92236

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 33.1 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF100960.D

Acq: 29 Nov 2017 3:57

Tgt Ion: 136 Resp: 223743

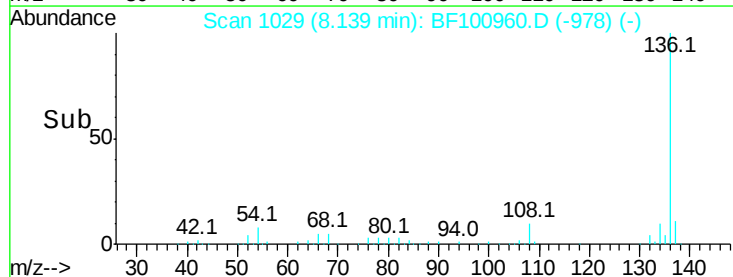
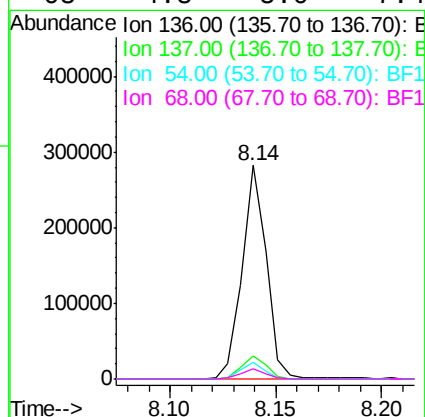
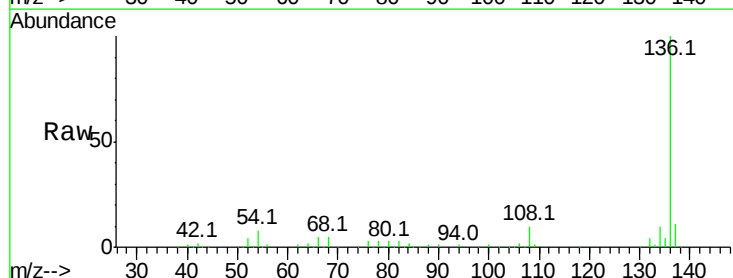
Ion Ratio Lower Upper

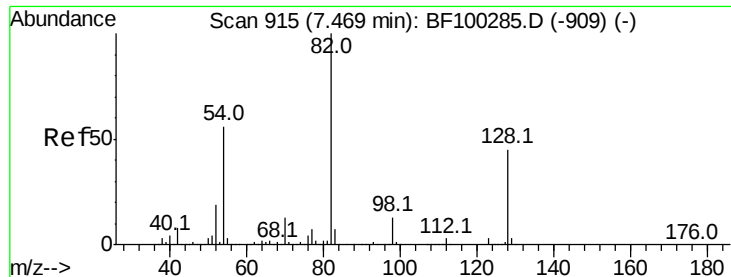
136 100

137 10.7 8.9 13.3

54 7.8 6.6 9.8

68 4.8 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 97.370 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF100960.D

Acq: 29 Nov 2017 3:57

Instrument :

BNA_F

ClientSampleId :

112217-TIDO-F-D-S

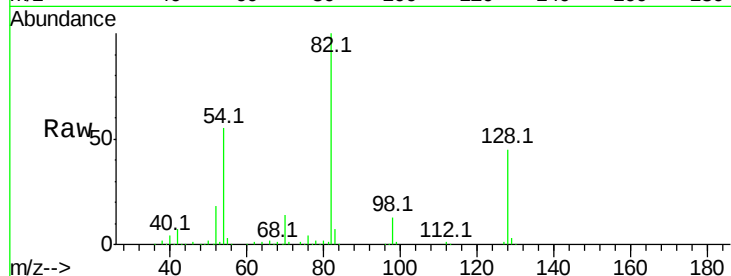
Tot Ion: 82 Resp: 329524

Ion Ratio Lower Upper

82 100

128 45.0 36.1 54.1

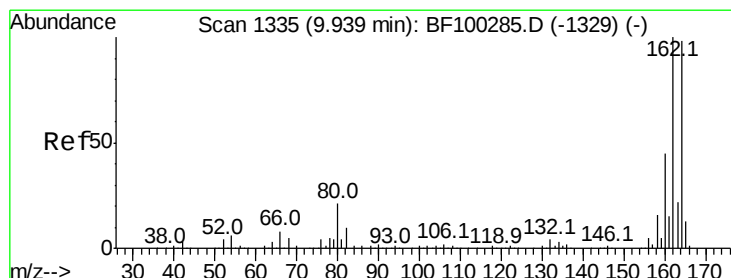
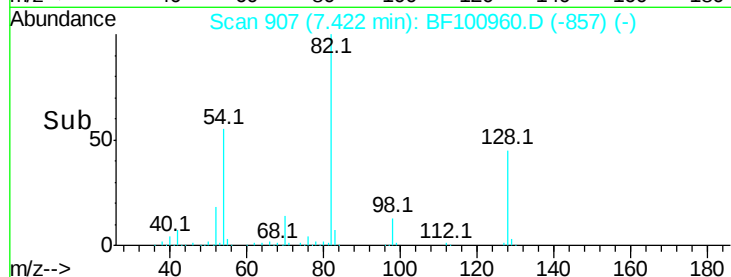
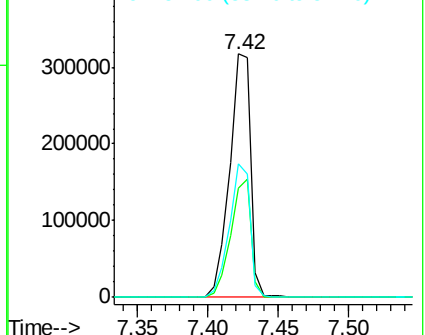
54 54.7 41.4 62.2



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: 9.90 min Scan# 1328

Delta R.T. -0.00 min

Lab File: BF100960.D

Acq: 29 Nov 2017 3:57

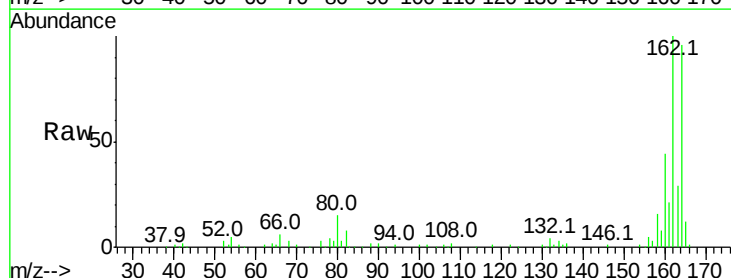
Tgt Ion: 164 Resp: 97094

Ion Ratio Lower Upper

164 100

162 104.2 86.1 129.1

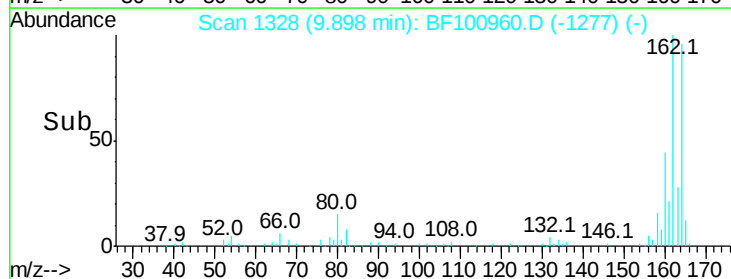
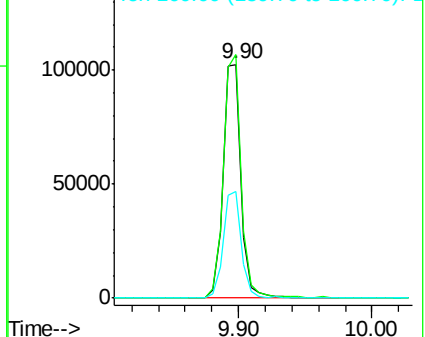
160 45.8 38.3 57.5



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

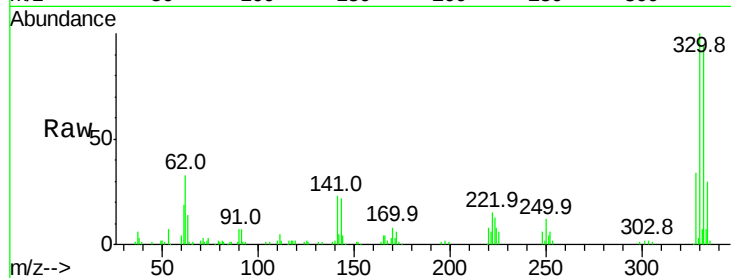




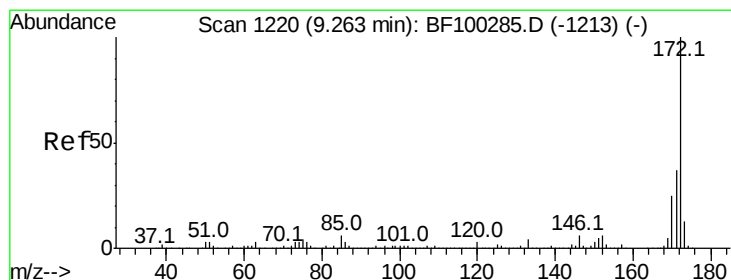
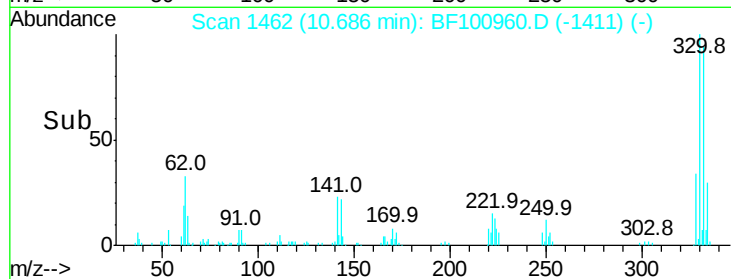
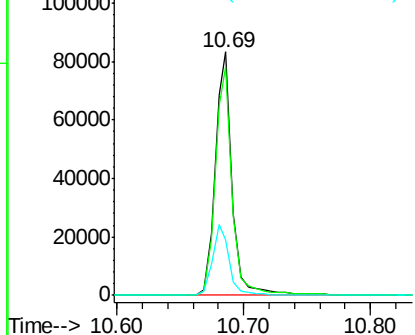
#41
 2,4,6-Tribromophenol
 Concen: 79.005 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.00 min
 Lab File: BF100960.D
 Acq: 29 Nov 2017 3:57

Instrument :
 BNA_F
 ClientSampleId :
 112217-TIDO-F-D-S

Tot Ion:330 Resp: 78167
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 28.8 29.9 44.9#

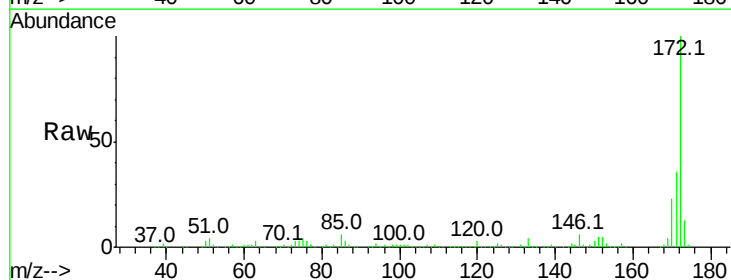


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

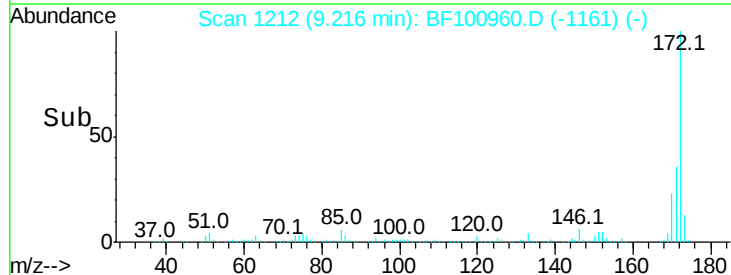
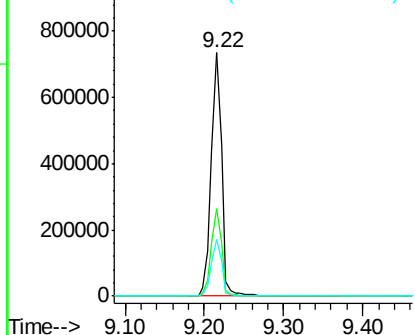


#44
 2-Fluorobiphenyl
 Concen: 105.552 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF100960.D
 Acq: 29 Nov 2017 3:57

Tgt Ion:172 Resp: 673043
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 23.4 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

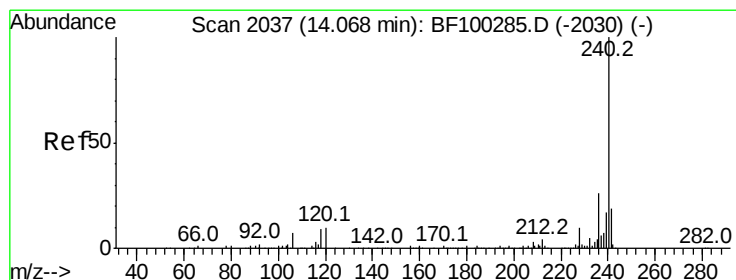
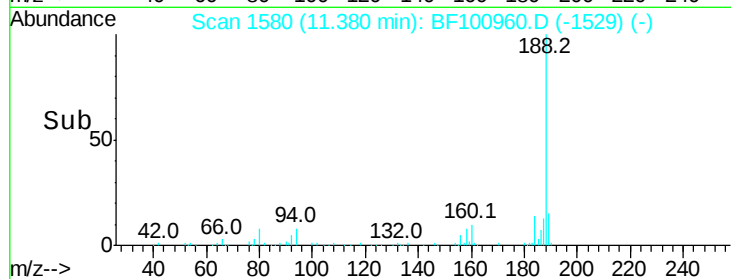
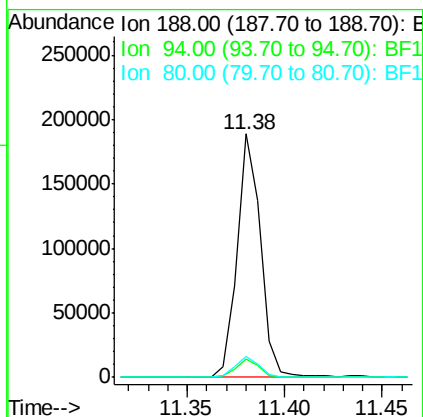
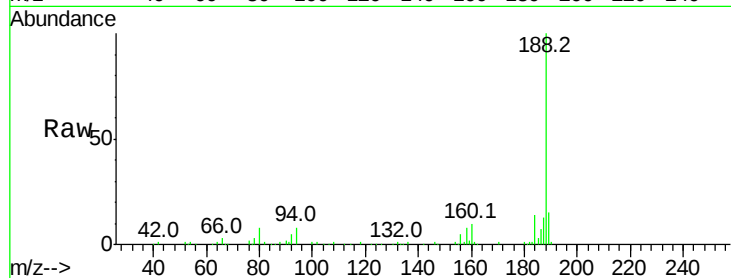




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF100960.D
Acq: 29 Nov 2017 3:57

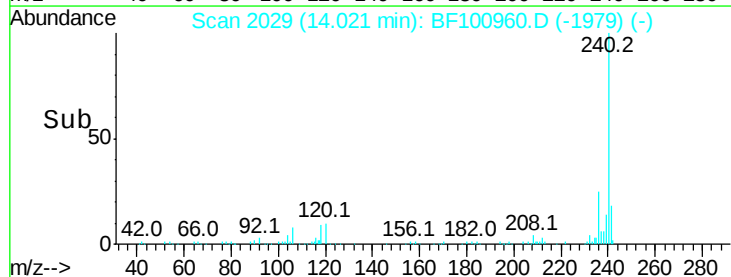
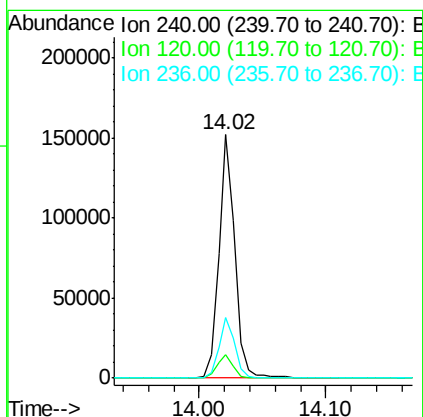
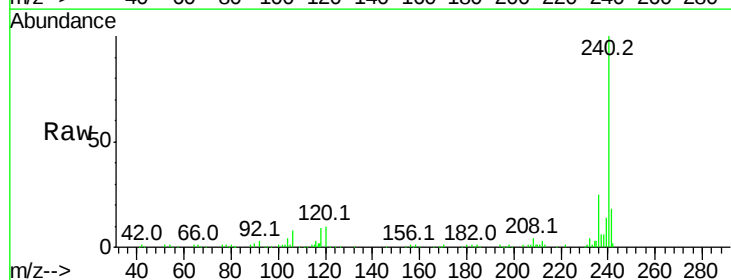
Instrument :
BNA_F
ClientSampleId :
112217-TIDO-F-D-S

Tot Ion:188 Resp: 156868
Ion Ratio Lower Upper
188 100
94 7.8 8.5 12.7#
80 8.5 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF100960.D
Acq: 29 Nov 2017 3:57

Tgt Ion:240 Resp: 133748
Ion Ratio Lower Upper
240 100
120 9.5 9.5 14.3
236 24.9 20.7 31.1





#78

Terphenyl-d14

Concen: 82.099 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BF100960.D

Acq: 29 Nov 2017 3:57

Instrument :

BNA_F

ClientSampleId :

112217-TIDO-F-D-S

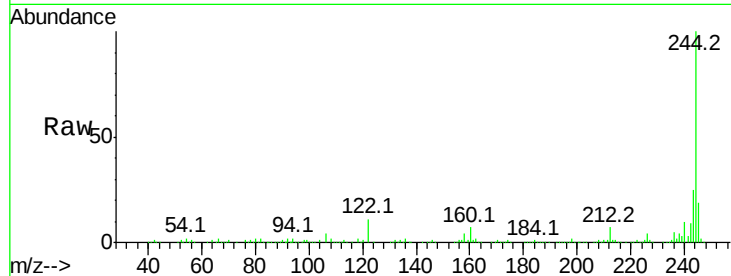
Tot Ion:244 Resp: 477892

Ion Ratio Lower Upper

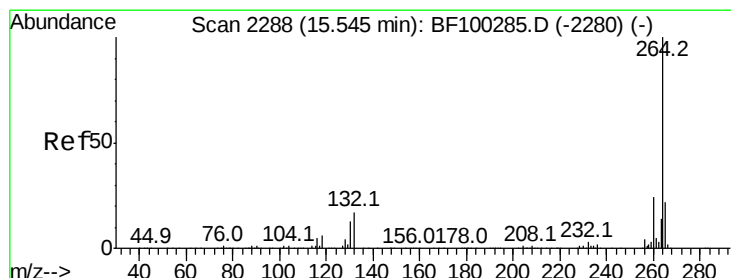
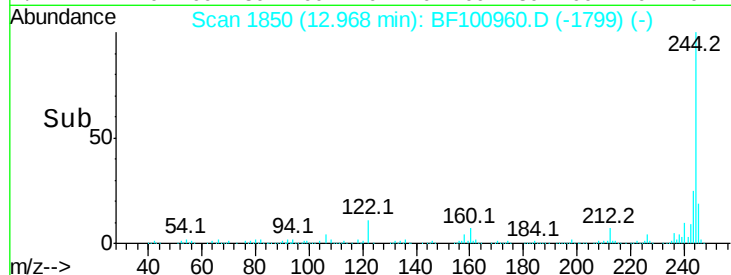
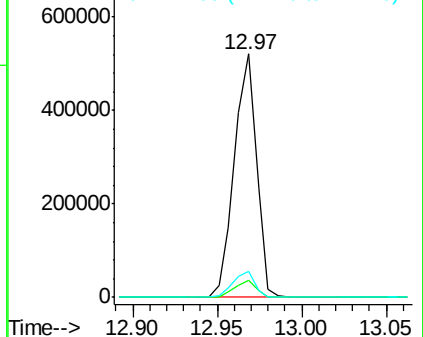
244 100

212 7.0 5.4 8.0

122 10.8 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: 15.49 min Scan# 2279

Delta R.T. -0.00 min

Lab File: BF100960.D

Acq: 29 Nov 2017 3:57

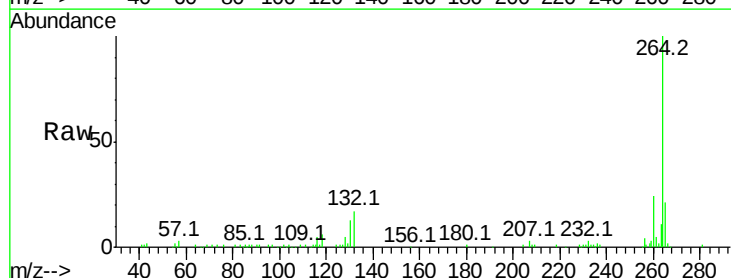
Tgt Ion:264 Resp: 108756

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 20.8 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

