

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100659.D
 Acq On : 17 Nov 2017 5:00
 Operator : SJ/JU
 Sample : I6491-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-U-S

Quant Time: Nov 17 06:04:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 16 12:15:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	105254	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	391867	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	162860	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	265867	20.00	ng	0.00
75) Chrysene-d12	14.04	240	224400	20.00	ng	0.00
86) Perylene-d12	15.52	264	229282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	239142	36.42	ng	0.00
7) Phenol-d6	6.50	99	176356	21.78	ng	-0.01
23) Nitrobenzene-d5	7.45	82	572611	96.61	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	124067	74.76	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1061611	99.26	ng	0.00
78) Terphenyl-d14	12.99	244	703572	72.04	ng	0.00

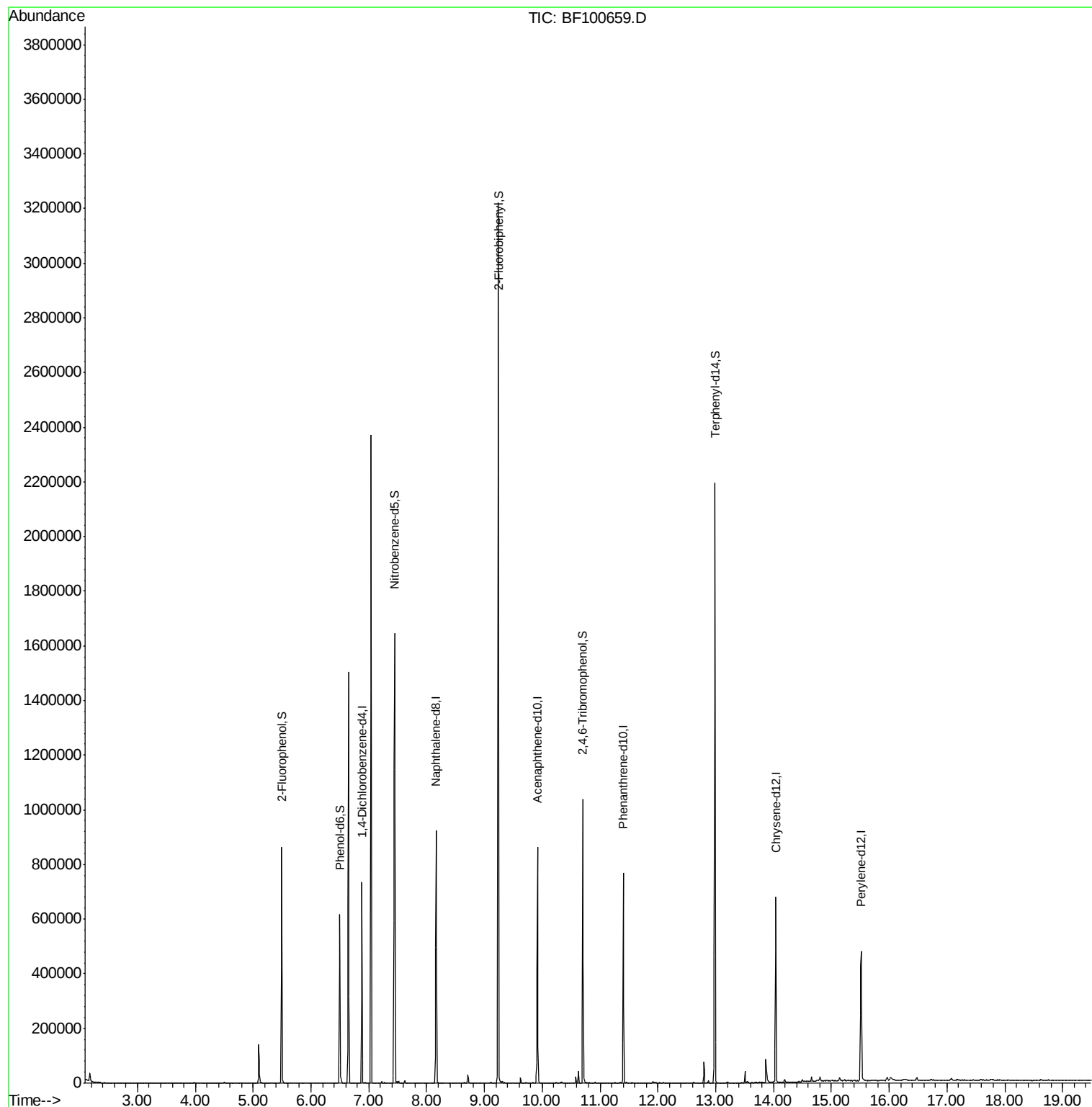
Target Compounds Qvalue

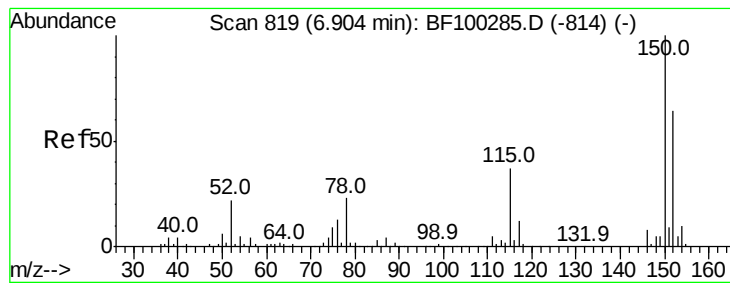
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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111317-TIDO-E-U-S

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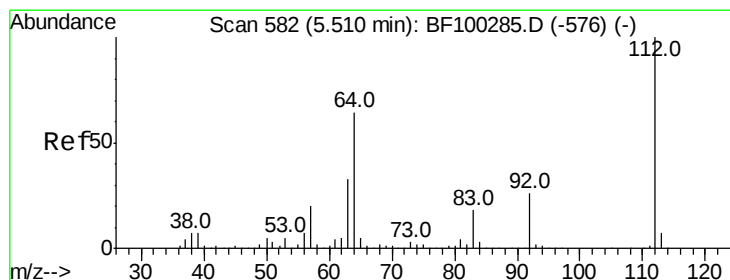
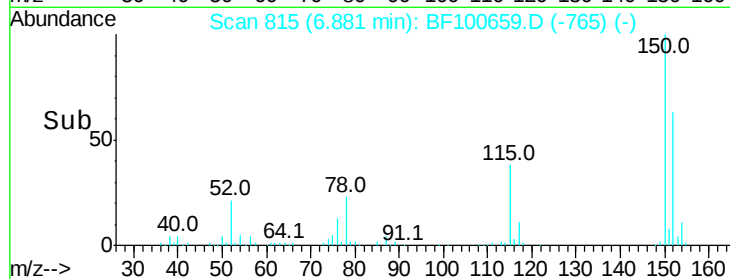
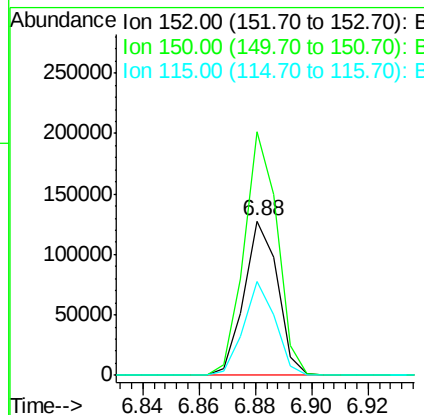
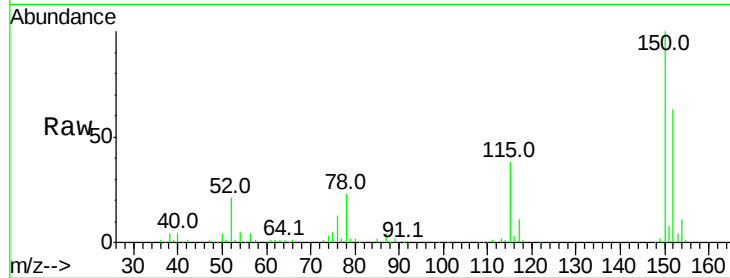


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-U-S

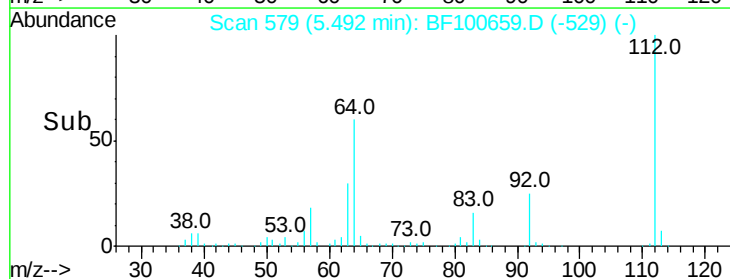
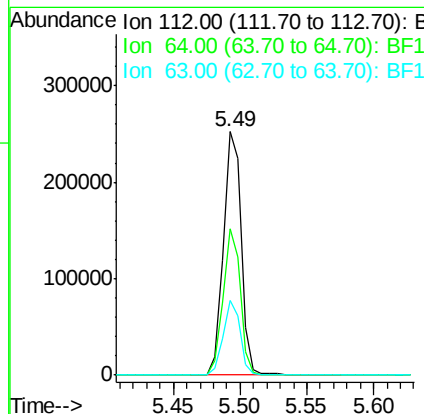
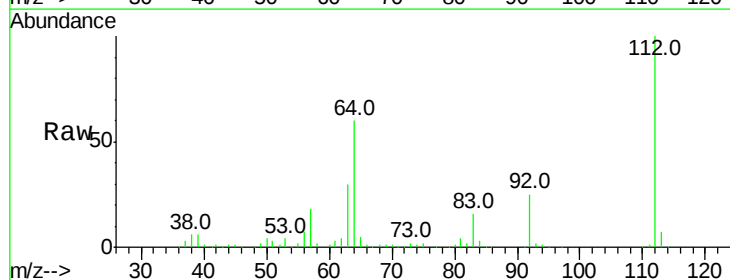
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	60.4	50.1	75.1



#5

2-Fluorophenol
 Concen: 36.421 ng
 RT: 5.49 min Scan# 579
 Delta R.T. -0.01 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	47.9	71.9
63	30.4	23.7	35.5





#7

Phenol-d6

Concen: 21.781 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100659.D

Acq: 17 Nov 2017 5:00

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-S

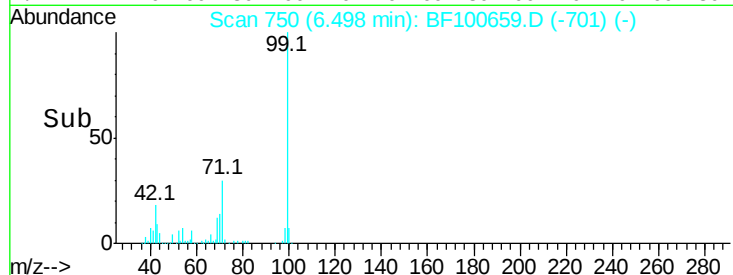
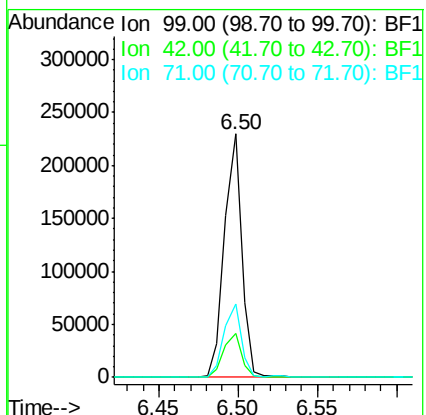
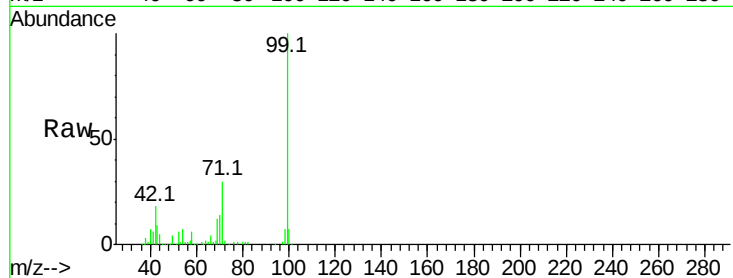
Tot Ion: 99 Resp: 176356

Ion Ratio Lower Upper

99 100

42 17.9 14.5 21.7

71 30.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF100659.D

Acq: 17 Nov 2017 5:00

Tgt Ion: 136 Resp: 391867

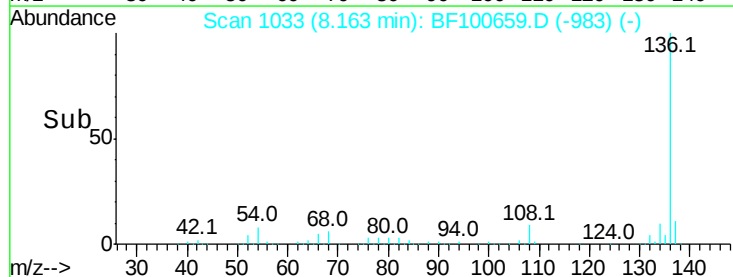
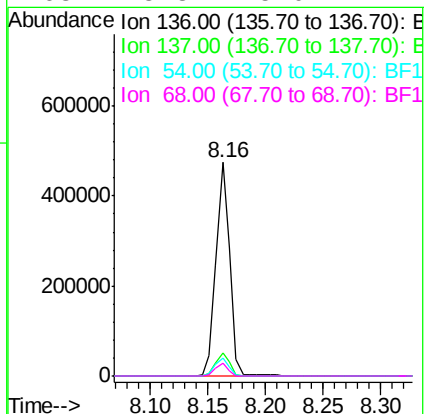
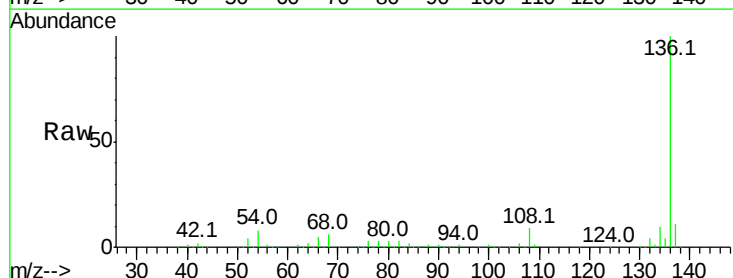
Ion Ratio Lower Upper

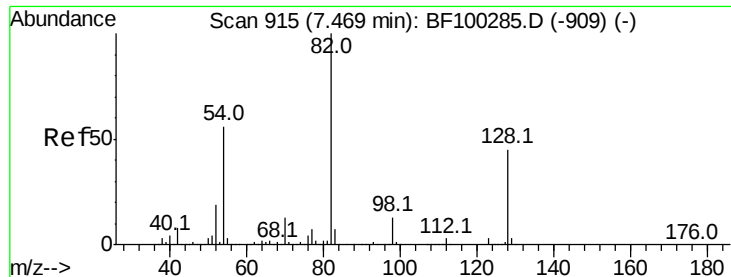
136 100

137 10.9 8.9 13.3

54 8.3 6.6 9.8

68 5.8 5.0 7.4

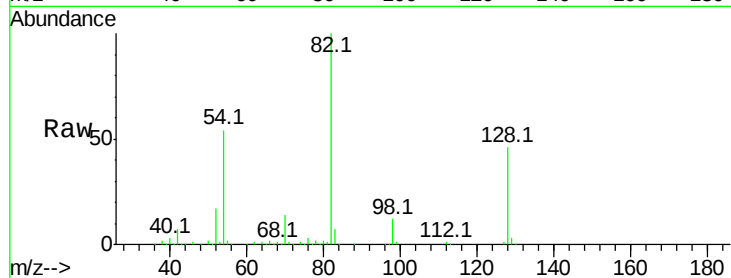




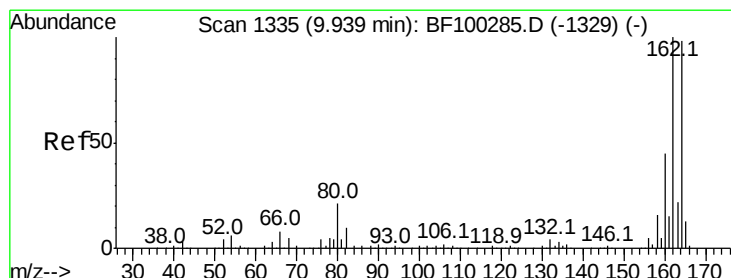
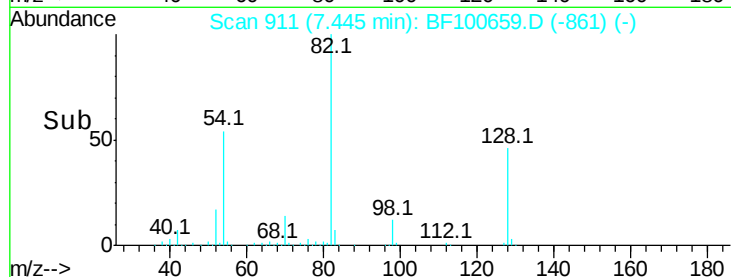
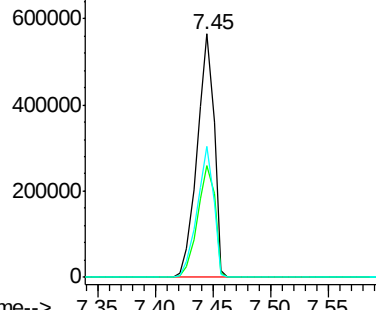
#23
Nitrobenzene-d5
Concen: 96.607 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100659.D
Acq: 17 Nov 2017 5:00

Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-U-S

Tot Ion: 82 Resp: 572611
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 53.6 41.4 62.2

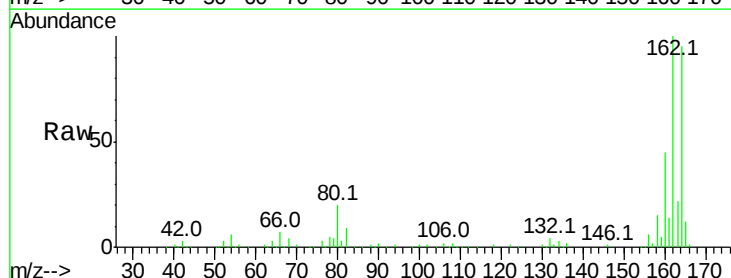


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

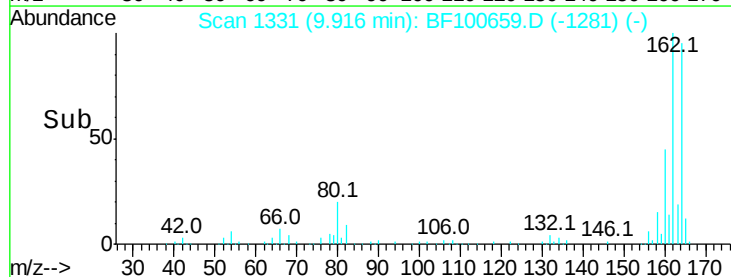
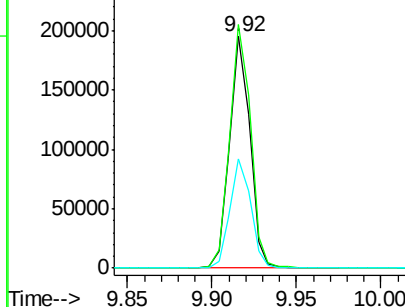


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100659.D
Acq: 17 Nov 2017 5:00

Tgt Ion: 164 Resp: 162860
Ion Ratio Lower Upper
164 100
162 105.1 86.1 129.1
160 47.3 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

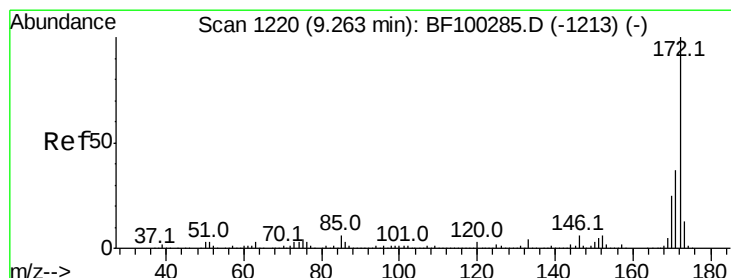
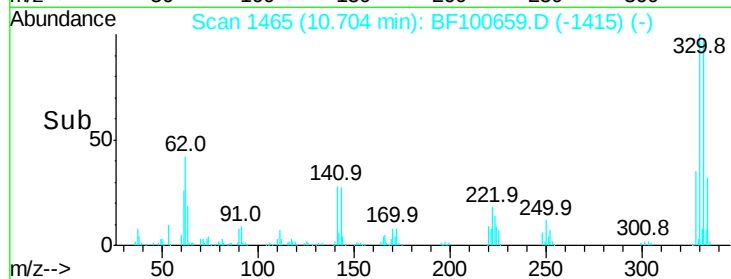
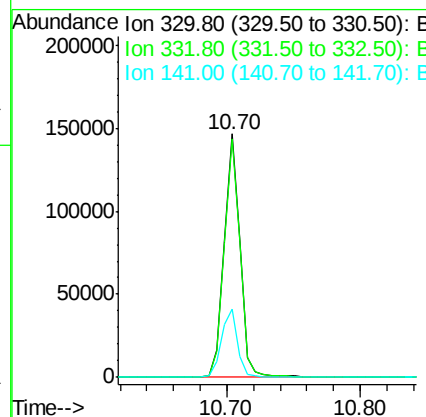
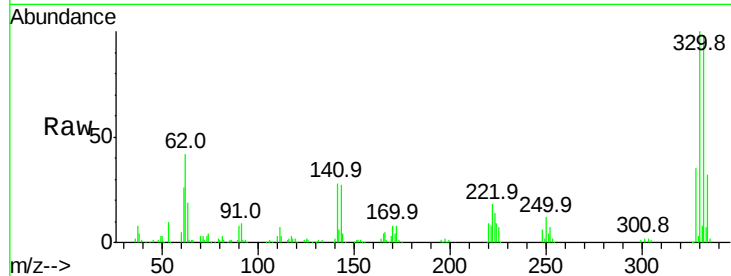




#41
 2,4,6-Tribromophenol
 Concen: 74.760 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

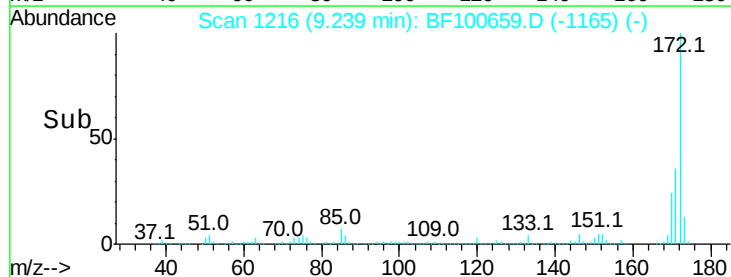
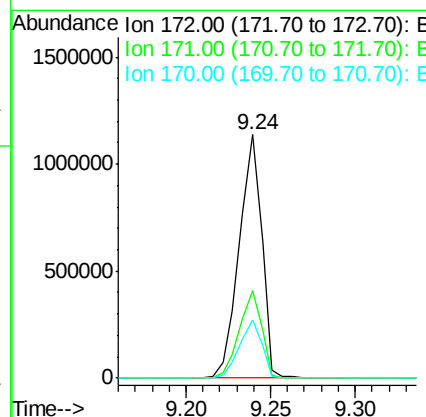
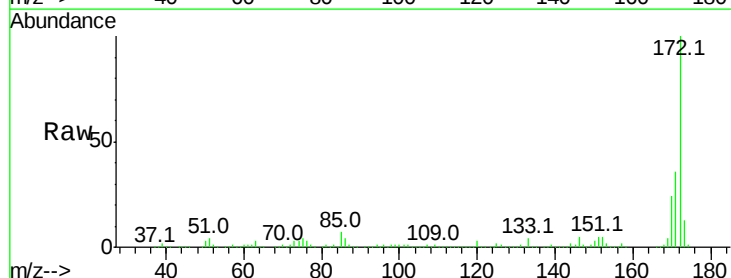
Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.0	115.6
141	28.5	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 99.259 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100659.D
 Acq: 17 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.1	19.6	29.4

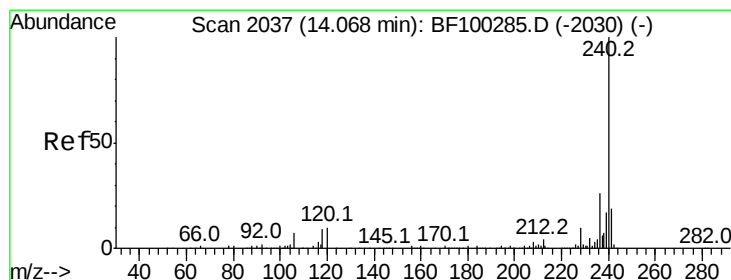
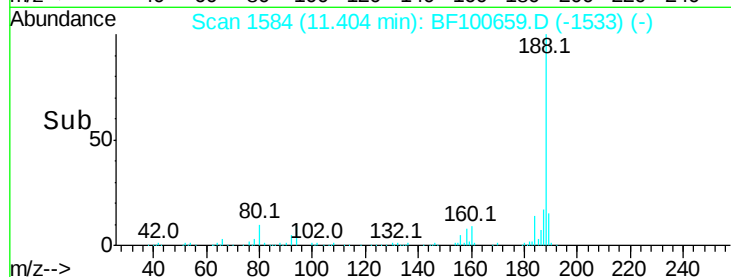
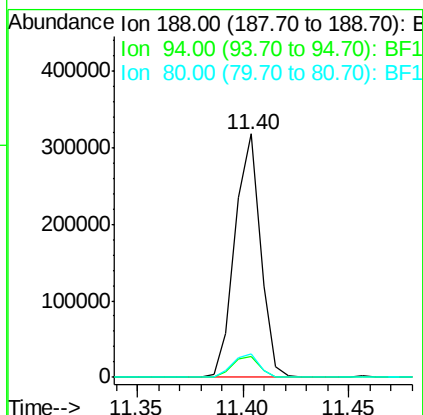
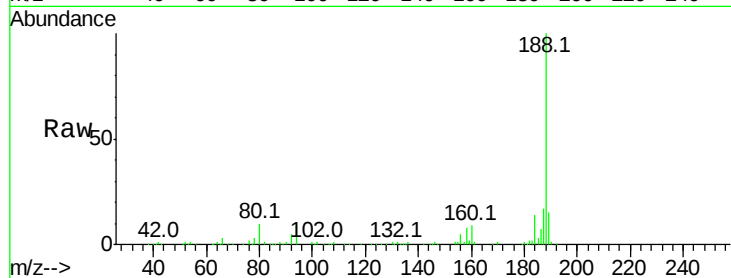




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100659.D
Acq: 17 Nov 2017 5:00

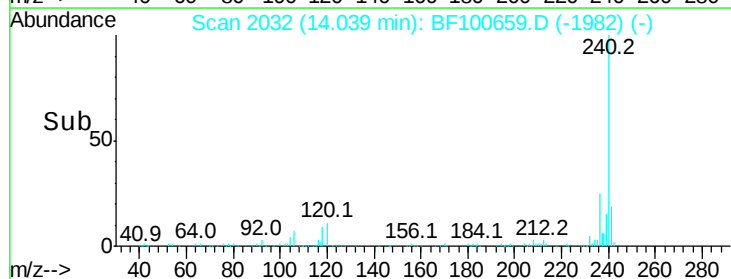
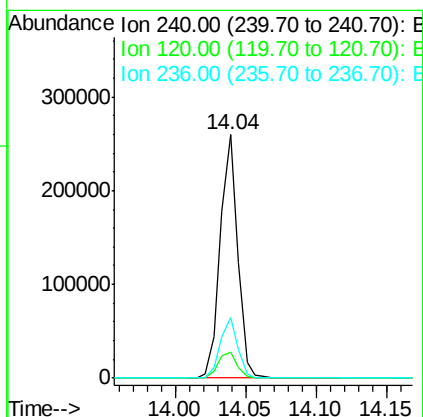
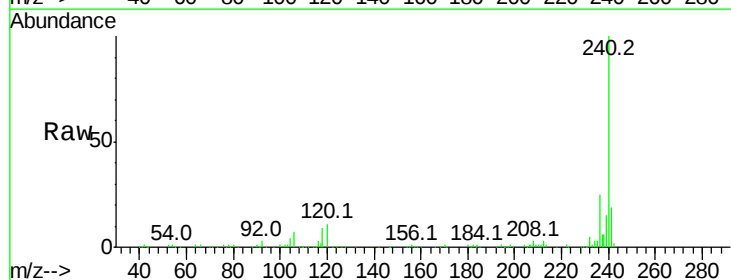
Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-U-S

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.5	12.7
80	9.5	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100659.D
Acq: 17 Nov 2017 5:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.5	14.3
236	24.7	20.7	31.1





#78

Terphenyl-d14

Concen: 72.041 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100659.D

Acq: 17 Nov 2017 5:00

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-S

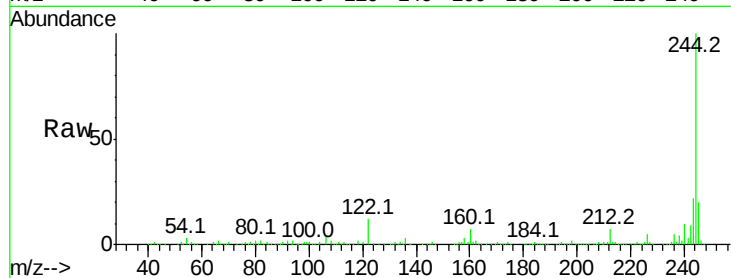
Tot Ion:244 Resp: 703572

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

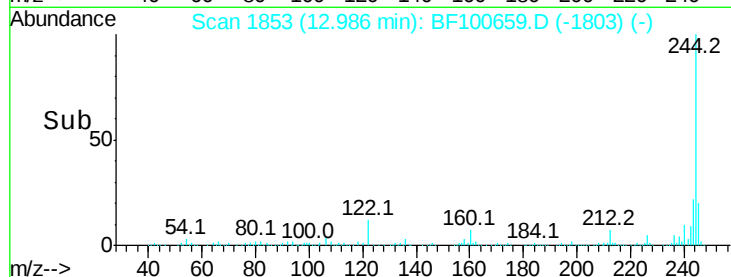
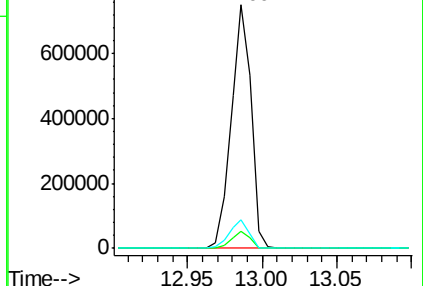
122 11.9 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. -0.00 min

Lab File: BF100659.D

Acq: 17 Nov 2017 5:00

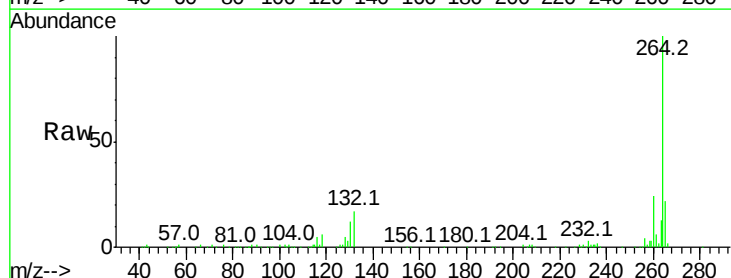
Tgt Ion:264 Resp: 229282

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

