

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100657.D
 Acq On : 17 Nov 2017 4:07
 Operator : SJ/JU
 Sample : I6491-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

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

Quant Time: Nov 17 06:00:46 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	92965	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	344210	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	139531	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	214465	20.00	ng	0.00
75) Chrysene-d12	14.04	240	206875	20.00	ng	0.00
86) Perylene-d12	15.52	264	212213	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	230400	39.73	ng	0.00
7) Phenol-d6	6.50	99	164117	22.95	ng	-0.01
23) Nitrobenzene-d5	7.45	82	520150	99.91	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	109653	77.12	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	955454	104.27	ng	0.00
78) Terphenyl-d14	12.99	244	634227	70.44	ng	0.00

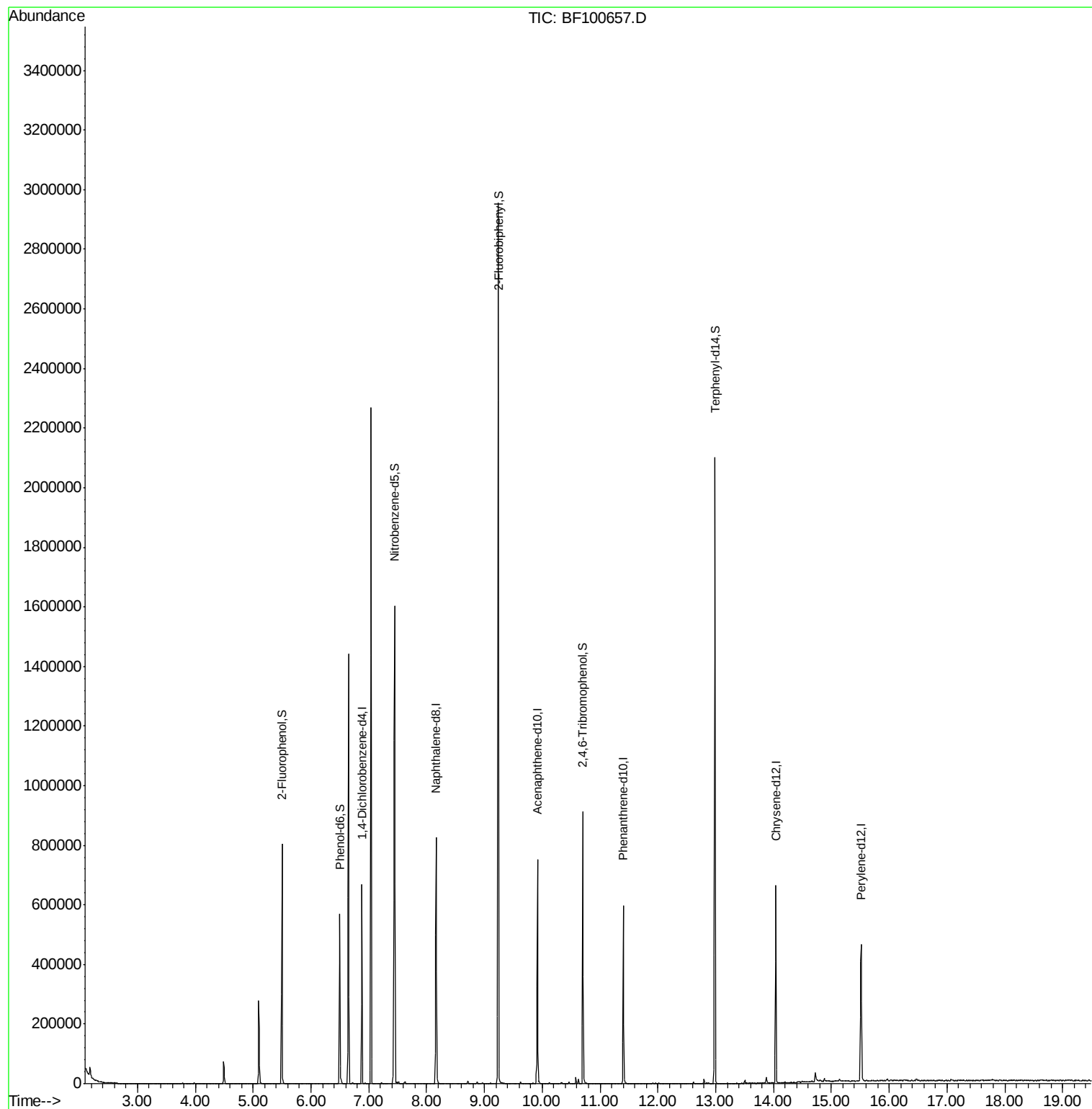
Target Compounds Qvalue

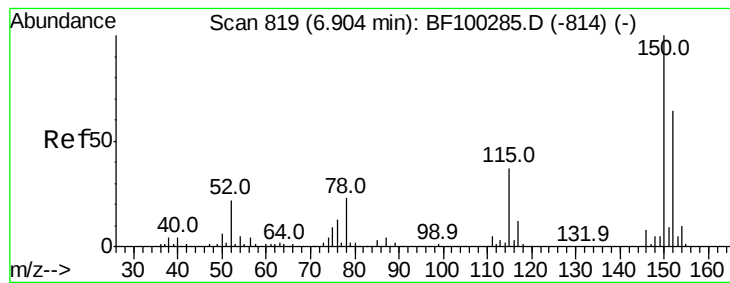
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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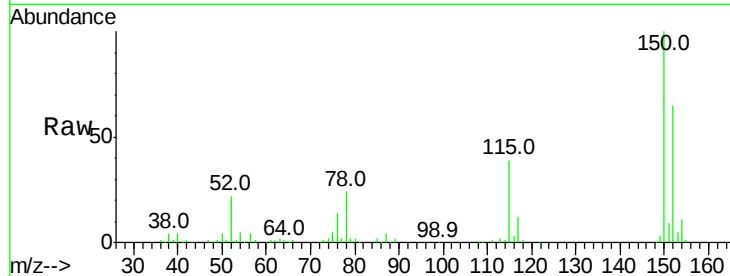


#1

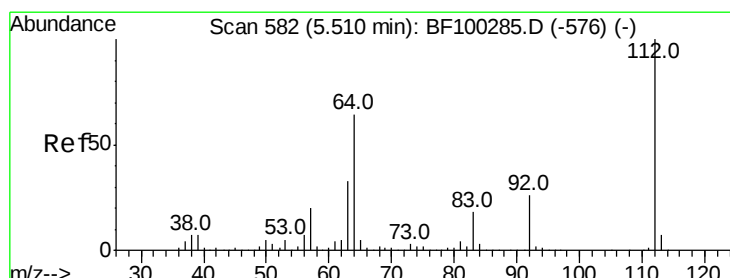
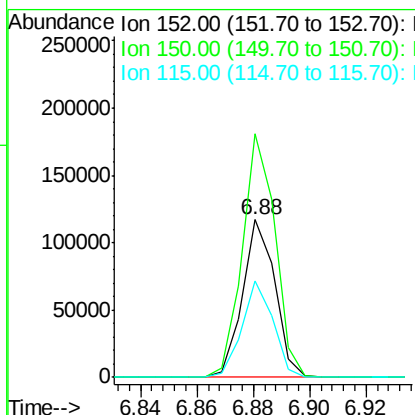
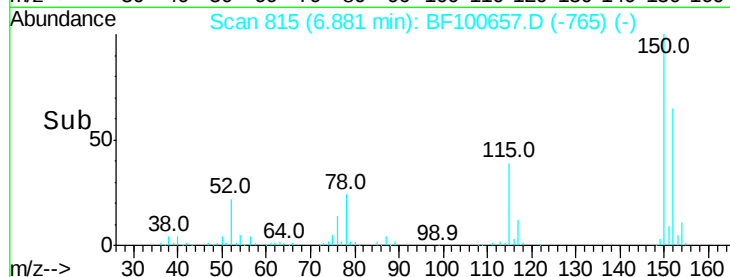
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.1	50.1	75.1



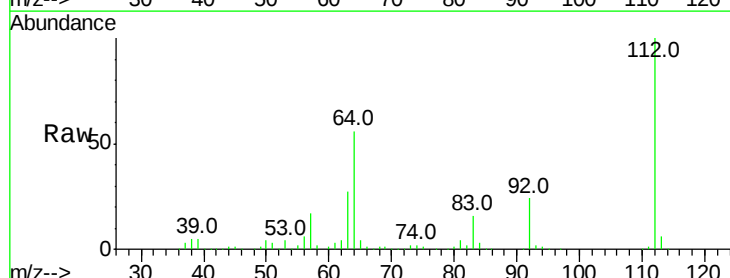
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



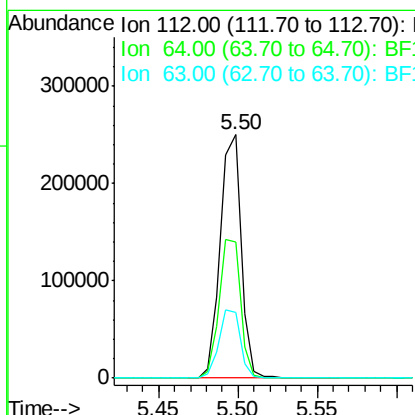
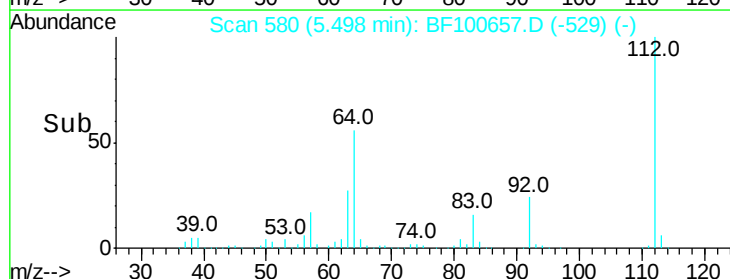
#5

2-Fluorophenol
 Concen: 39.728 ng
 RT: 5.50 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.7	47.9	71.9
63	26.9	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: 22.949 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100657.D

Acq: 17 Nov 2017 4:07

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-S

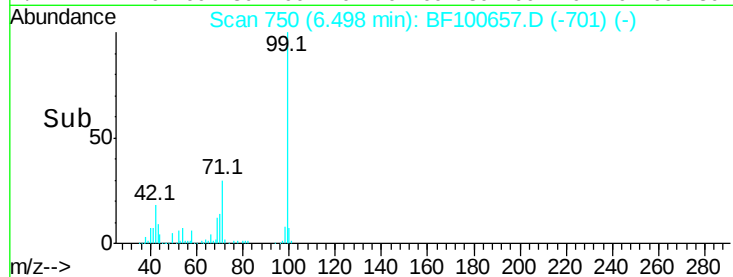
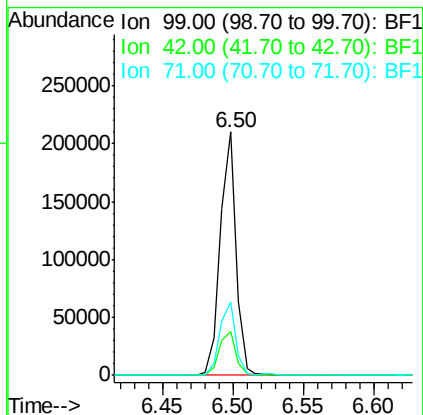
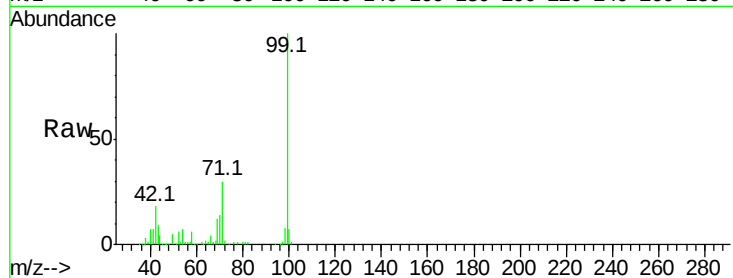
Tot Ion: 99 Resp: 164117

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 30.0 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: BF100657.D

Acq: 17 Nov 2017 4:07

Tgt Ion: 136 Resp: 344210

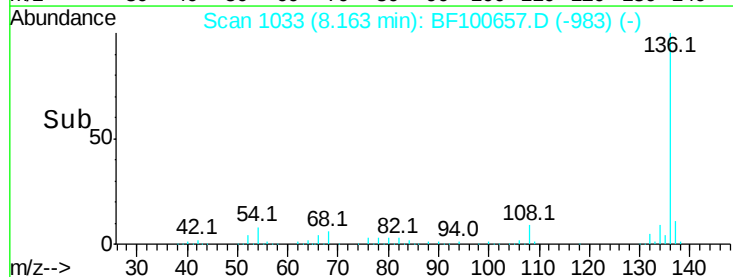
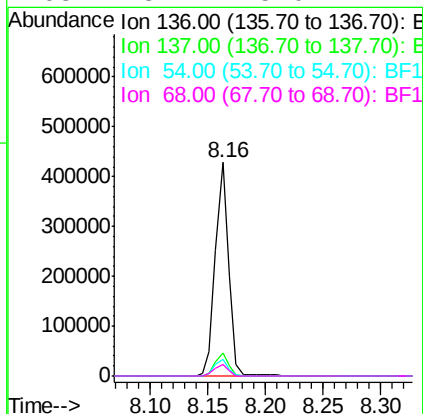
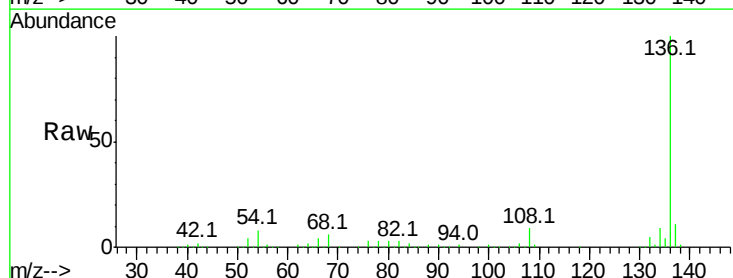
Ion Ratio Lower Upper

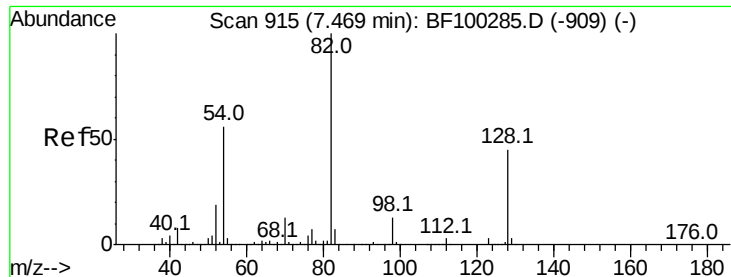
136 100

137 10.6 8.9 13.3

54 8.0 6.6 9.8

68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 99.907 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF100657.D

Acq: 17 Nov 2017 4:07

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-S

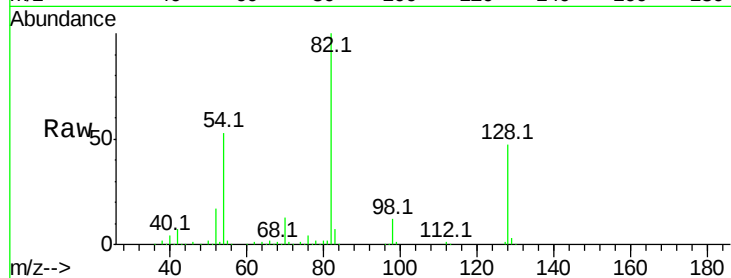
Tot Ion: 82 Resp: 520150

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

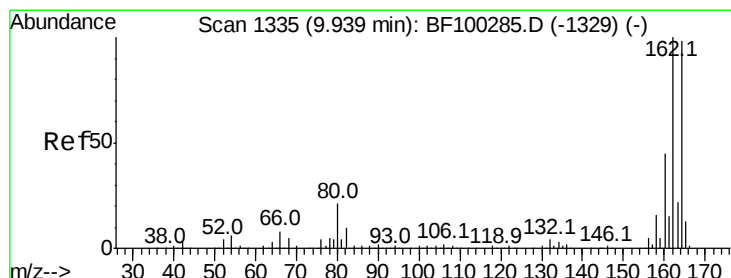
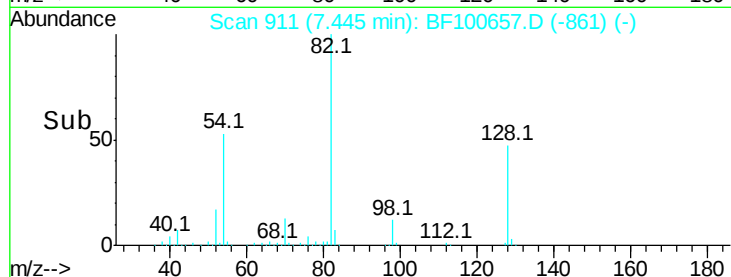
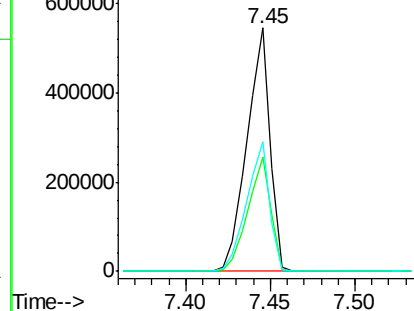
54 53.2 41.4 62.2



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: BF100657.D

Acq: 17 Nov 2017 4:07

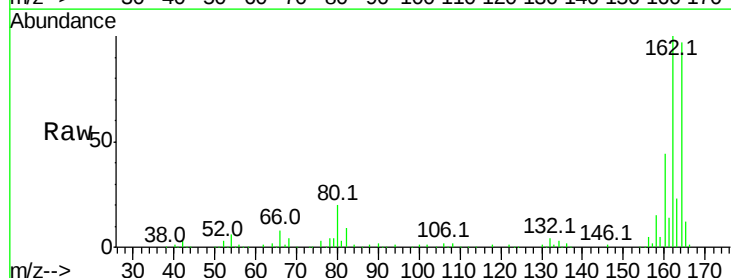
Tgt Ion: 164 Resp: 139531

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

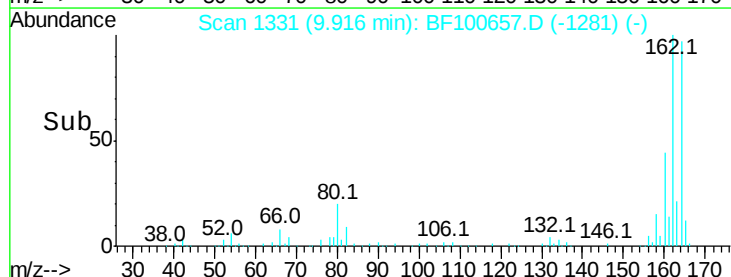
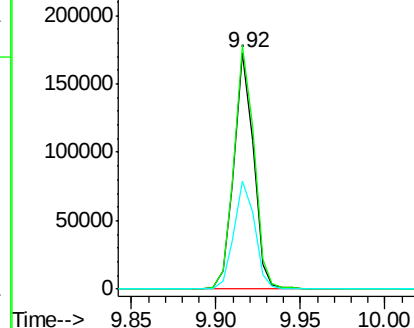
160 45.8 38.3 57.5



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

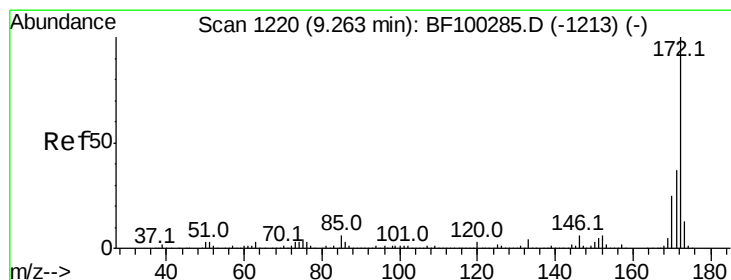
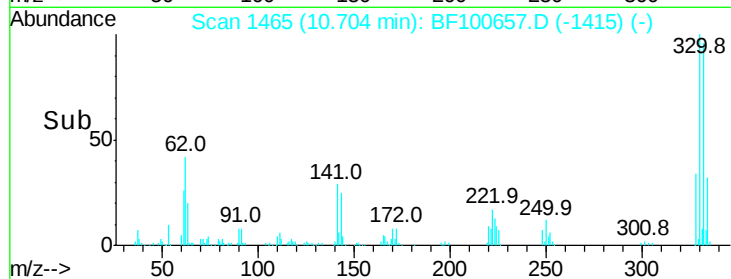
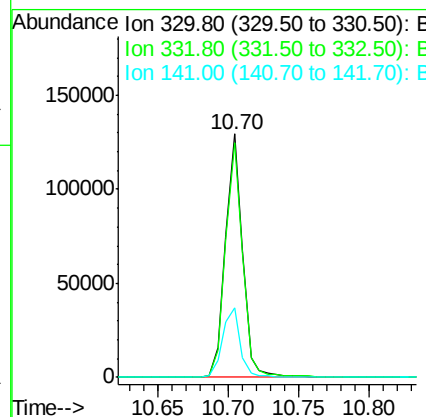
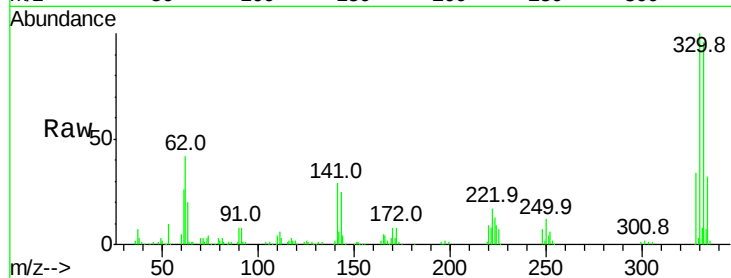




#41
 2,4,6-Tribromophenol
 Concen: 77.122 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

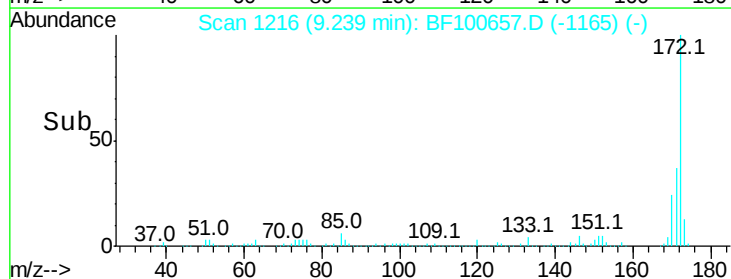
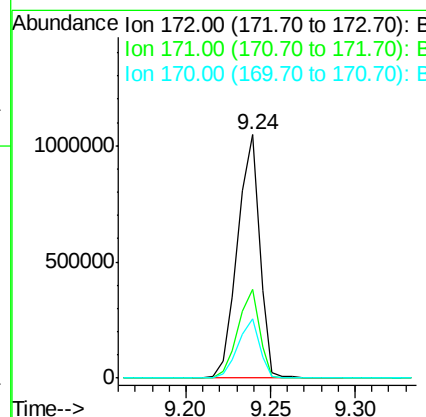
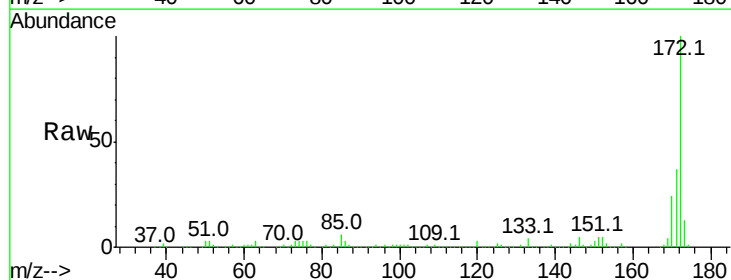
Instrument :
 BNA_F
 ClientSampleId :
 111317-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	29.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 104.269 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100657.D
 Acq: 17 Nov 2017 4:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.3	19.6	29.4

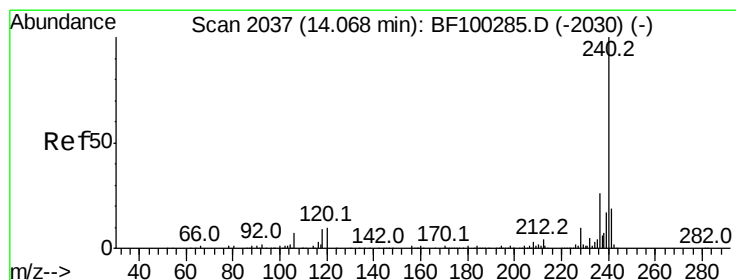
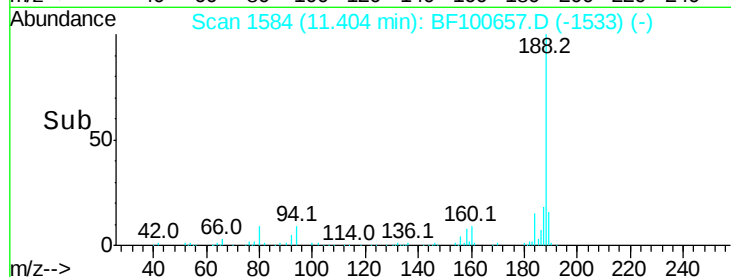
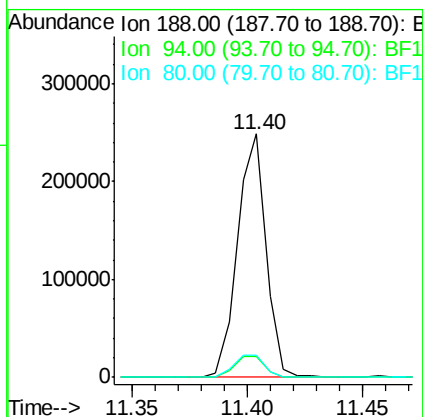
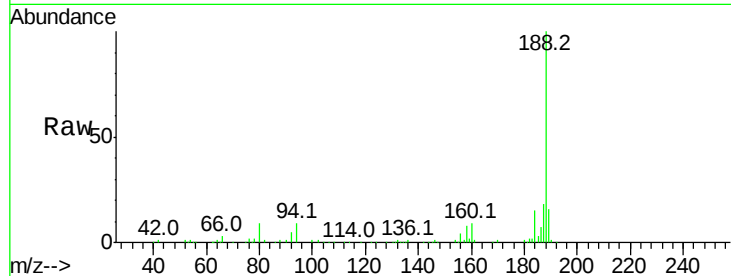




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100657.D
Acq: 17 Nov 2017 4:07

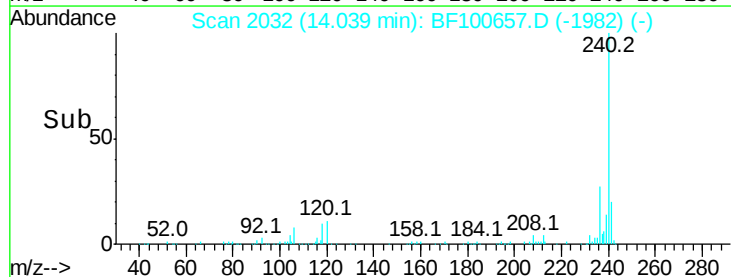
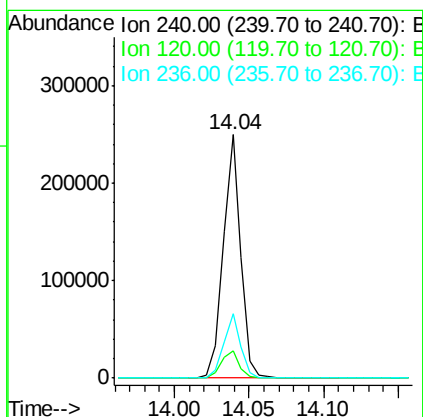
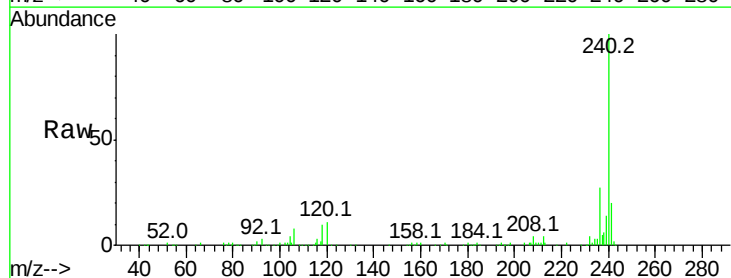
Instrument :
BNA_F
ClientSampleId :
111317-TIDO-E-D-S

Tot Ion:188 Resp: 214465
Ion Ratio Lower Upper
188 100
94 8.5 8.5 12.7
80 8.9 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: BF100657.D
Acq: 17 Nov 2017 4:07

Tgt Ion:240 Resp: 206875
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 26.6 20.7 31.1





#78

Terphenyl-d14

Concen: 70.442 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100657.D

Acq: 17 Nov 2017 4:07

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-D-S

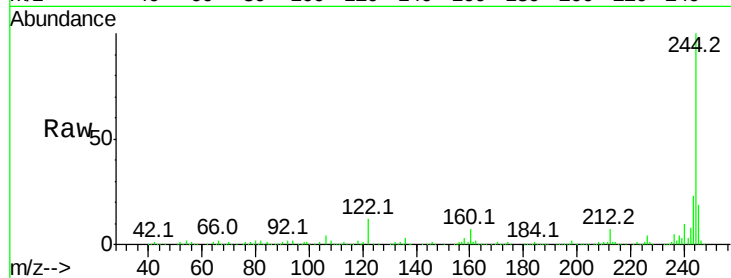
Tot Ion:244 Resp: 634227

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

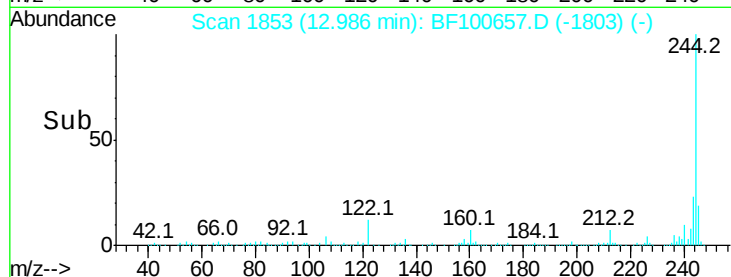
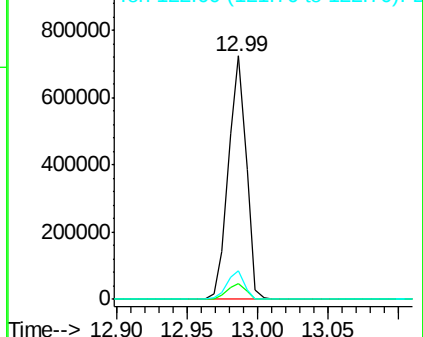
122 11.6 11.0 16.4



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: BF100657.D

Acq: 17 Nov 2017 4:07

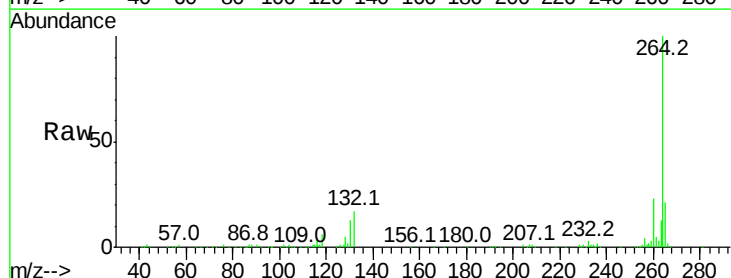
Tgt Ion:264 Resp: 212213

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.0 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

