

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100658.D
 Acq On : 17 Nov 2017 4:33
 Operator : SJ/JU
 Sample : I6491-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

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

Quant Time: Nov 17 06:02:58 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	109624	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	417990	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	182527	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	301592	20.00	ng	0.00
75) Chrysene-d12	14.04	240	223201	20.00	ng	0.00
86) Perylene-d12	15.52	264	223483	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	258804	37.84	ng	0.00
7) Phenol-d6	6.50	99	189716	22.50	ng	-0.01
23) Nitrobenzene-d5	7.45	82	639598	101.17	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	146043	78.52	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1177265	98.21	ng	0.00
78) Terphenyl-d14	12.99	244	783441	80.65	ng	0.00

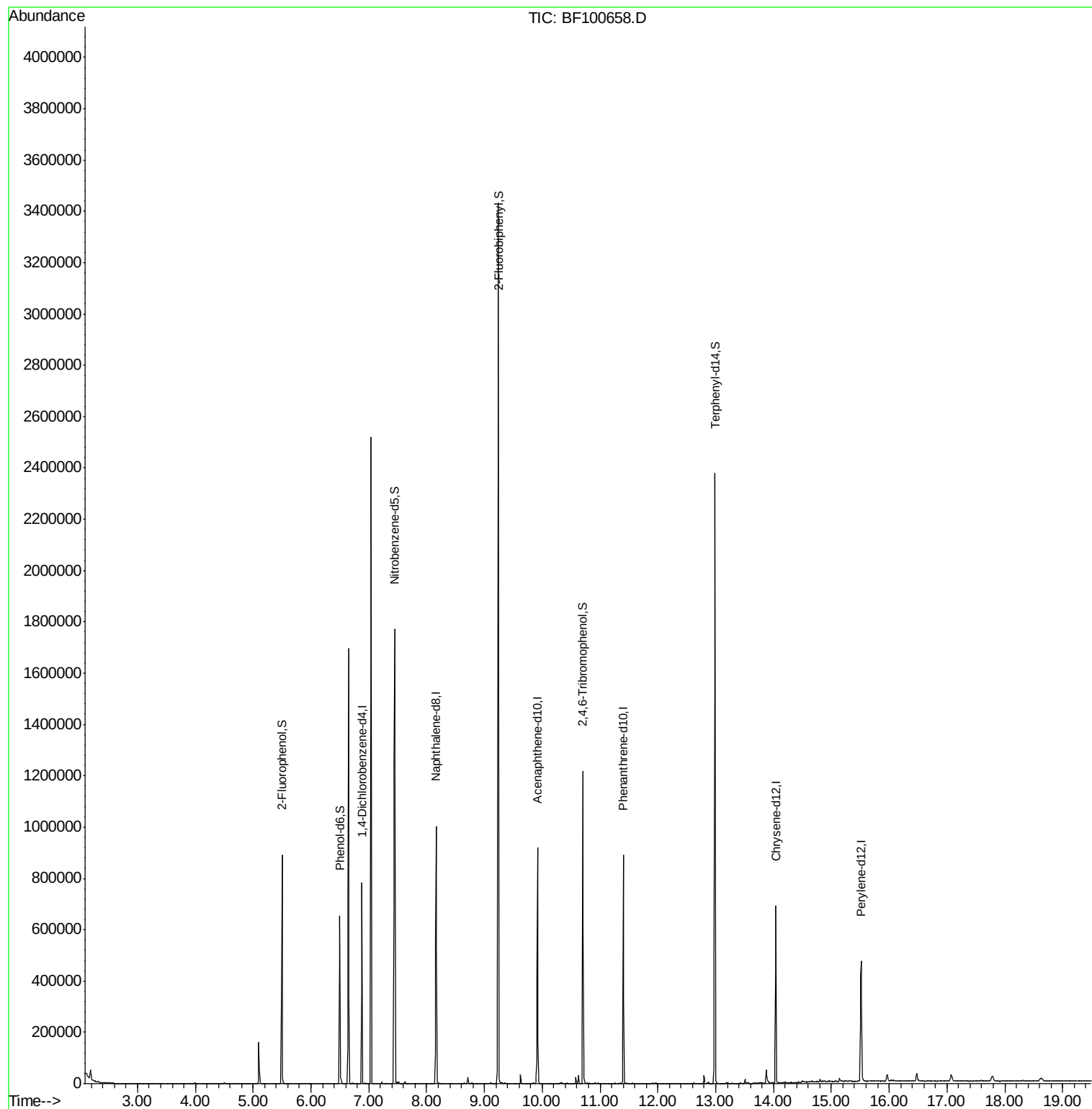
Target Compounds Qvalue

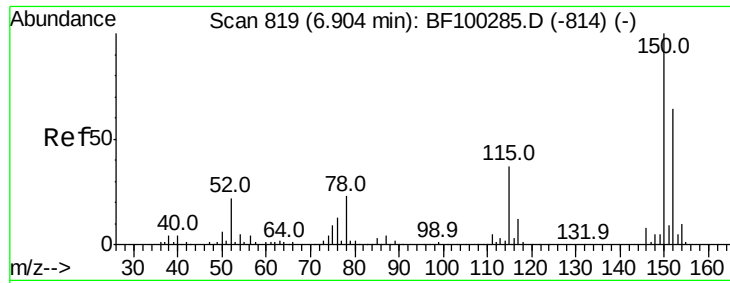
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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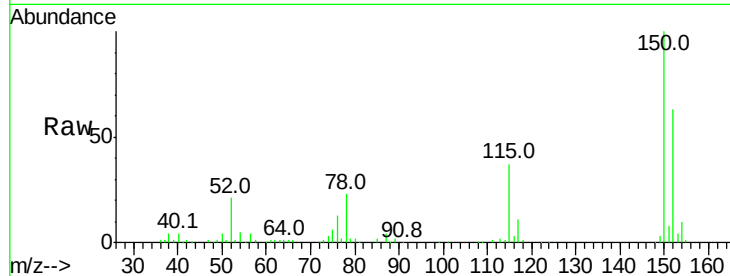


#1

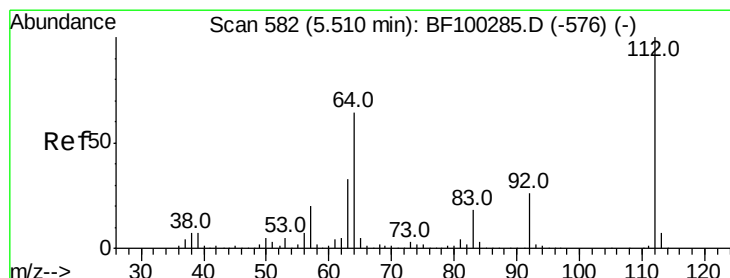
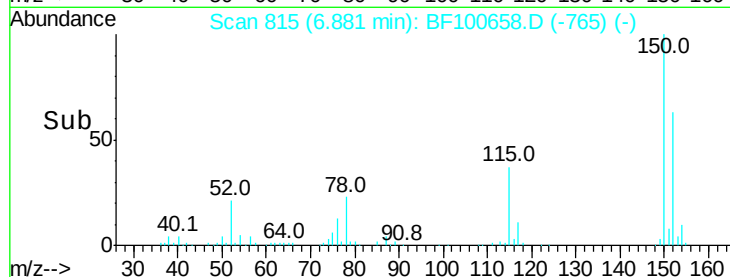
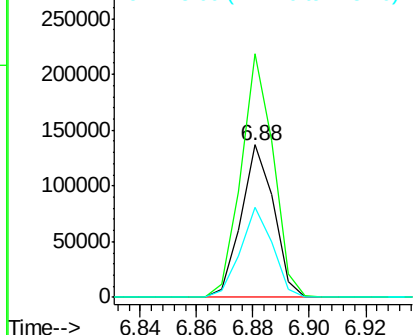
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100658.D
Acq: 17 Nov 2017 4:33

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	58.7	50.1	75.1



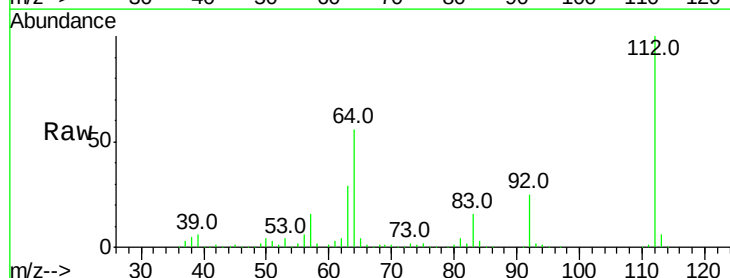
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



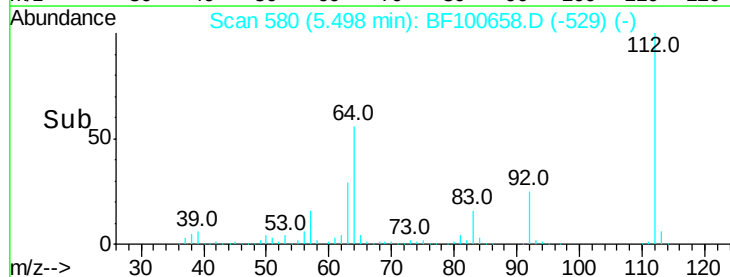
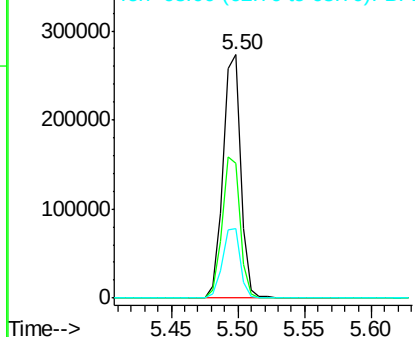
#5

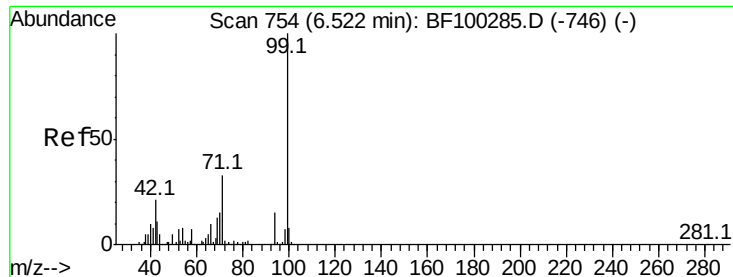
2-Fluorophenol
Concen: 37.844 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.00 min
Lab File: BF100658.D
Acq: 17 Nov 2017 4:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	28.6	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: 22.497 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-B

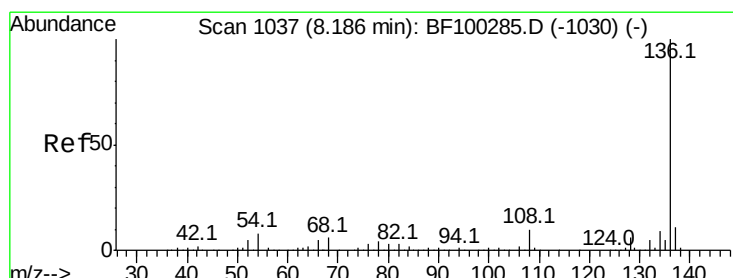
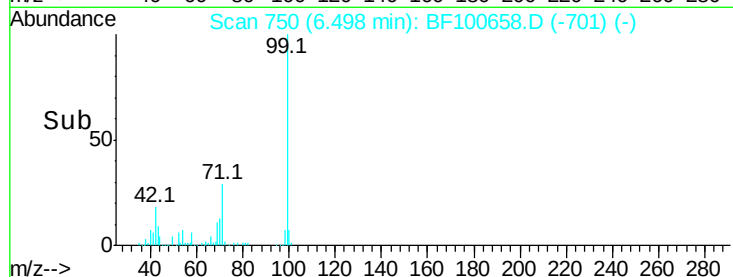
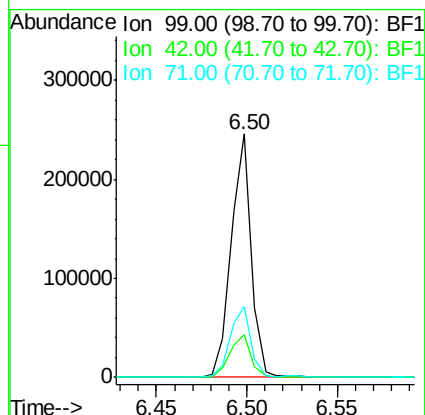
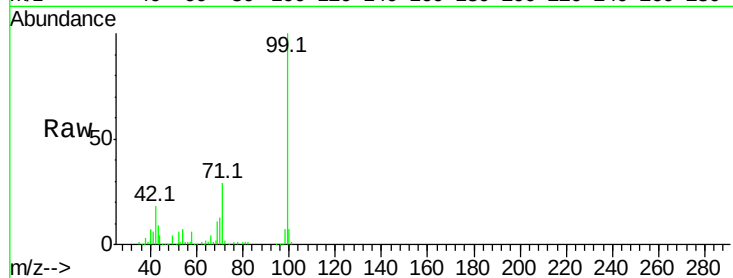
Tot Ion: 99 Resp: 189716

Ion Ratio Lower Upper

99 100

42 17.7 14.5 21.7

71 29.0 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: BF100658.D

Acq: 17 Nov 2017 4:33

Tgt Ion: 136 Resp: 417990

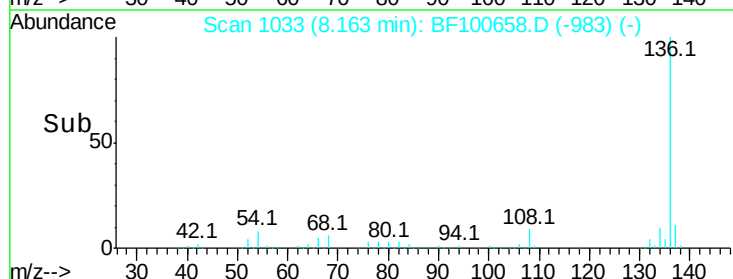
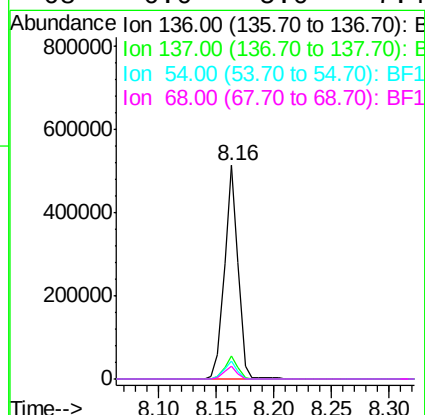
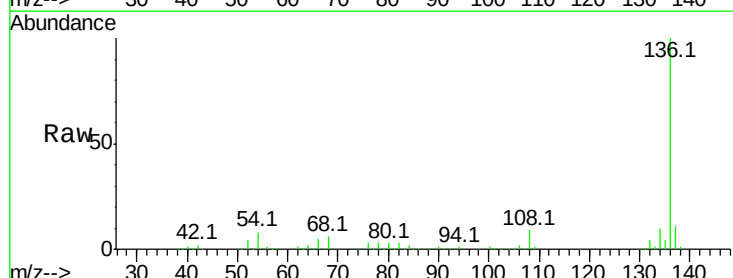
Ion Ratio Lower Upper

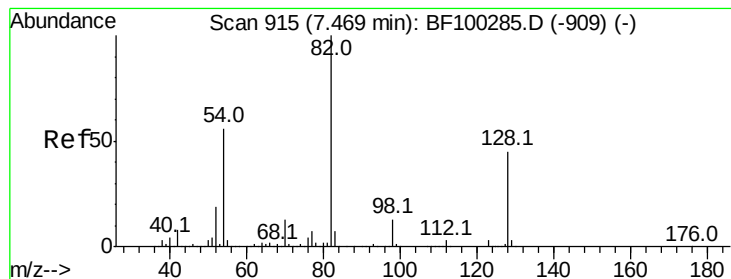
136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 6.0 5.0 7.4





#23

Nitrobenzene-d5

Concen: 101.165 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-B

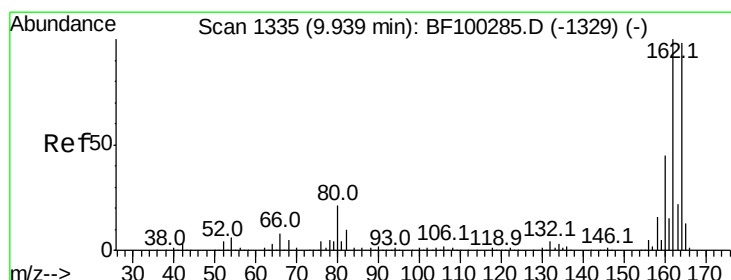
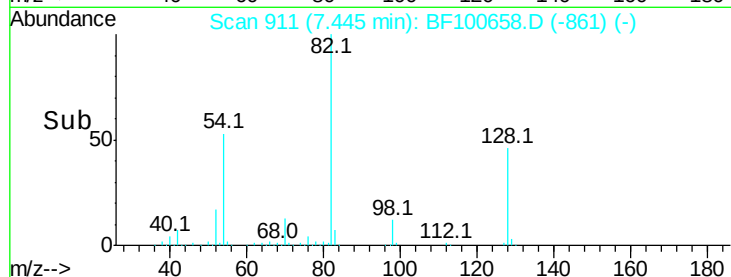
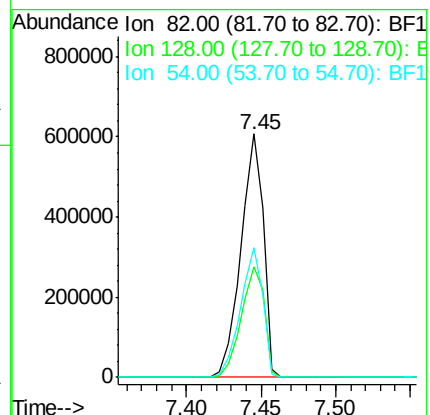
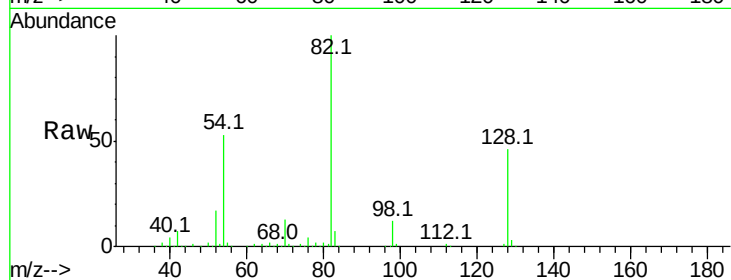
Tot Ion: 82 Resp: 639598

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

54 53.2 41.4 62.2



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

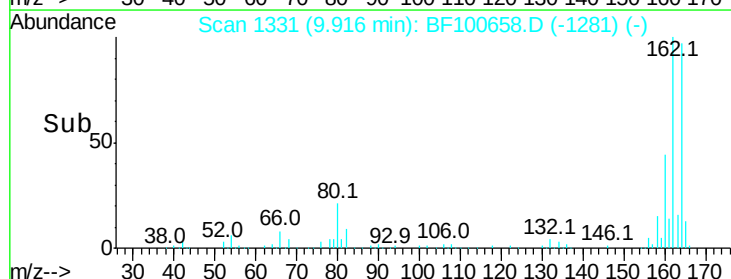
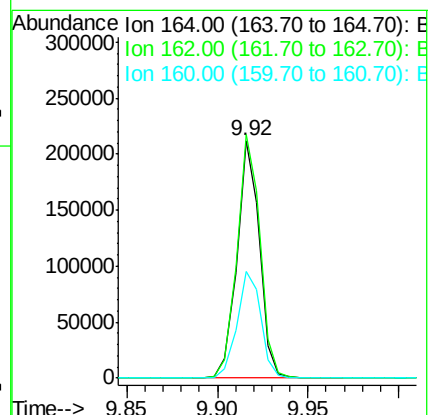
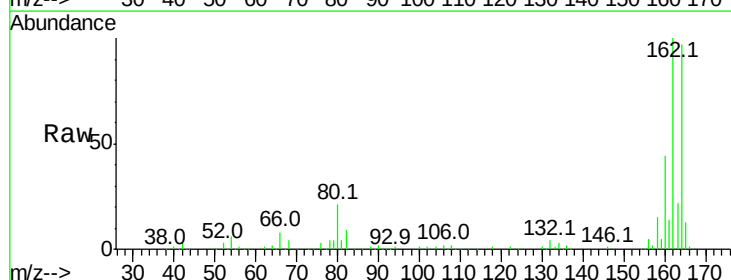
Tgt Ion: 164 Resp: 182527

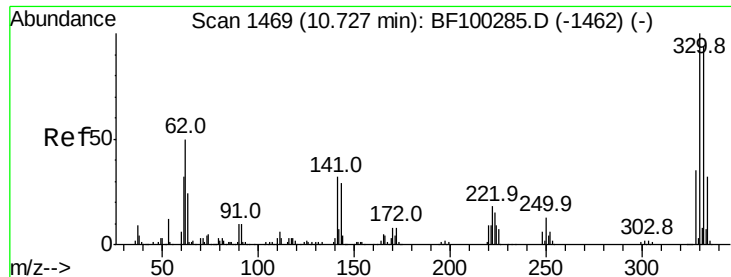
Ion Ratio Lower Upper

164 100

162 102.6 86.1 129.1

160 45.2 38.3 57.5

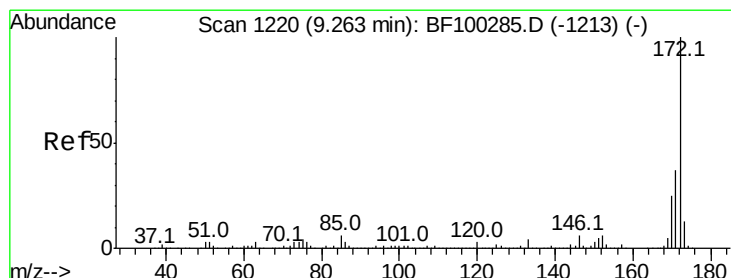
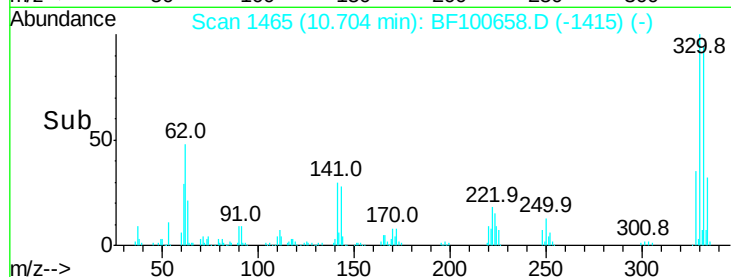
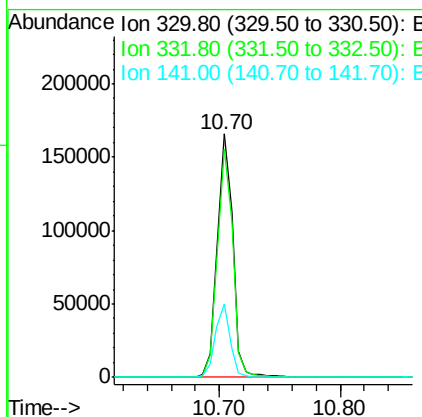
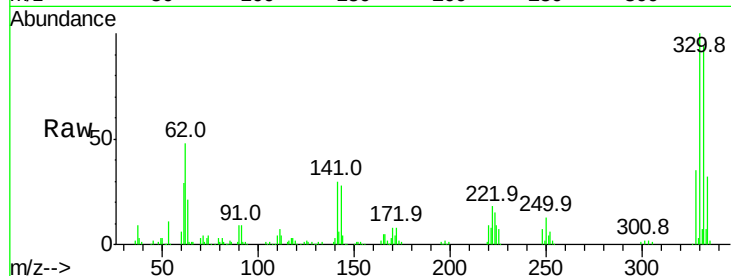




#41
 2,4,6-Tribromophenol
 Concen: 78.520 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100658.D
 Acq: 17 Nov 2017 4:33

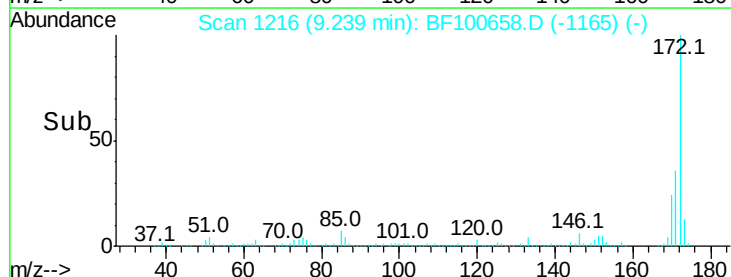
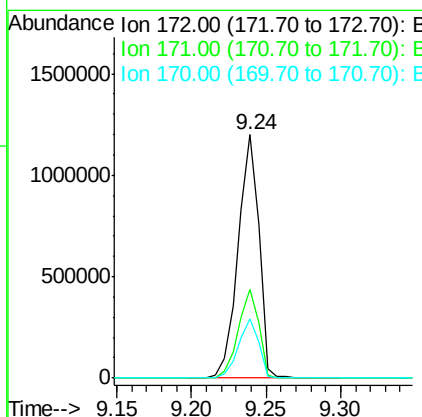
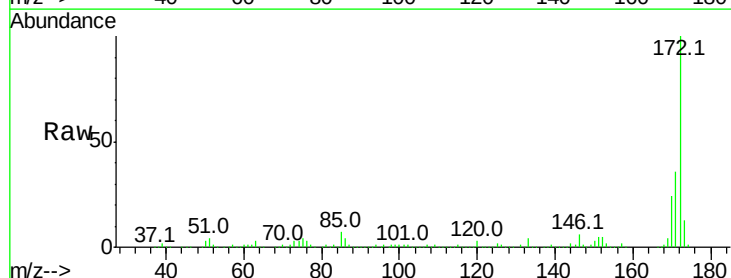
Instrument :
 BNA_F
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 111317-TIDO-E-U-B

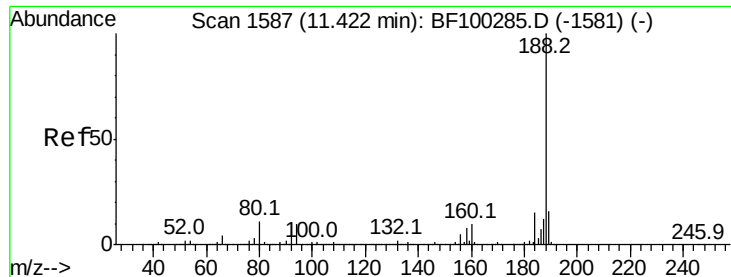
Tot Ion:330 Resp: 146043
 Ion Ratio Lower Upper
 330 100
 332 93.4 77.0 115.6
 141 28.7 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 98.212 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100658.D
 Acq: 17 Nov 2017 4:33

Tgt Ion:172 Resp: 1177265
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 19.6 29.4

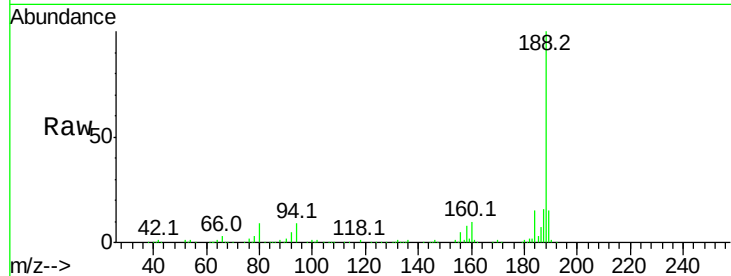




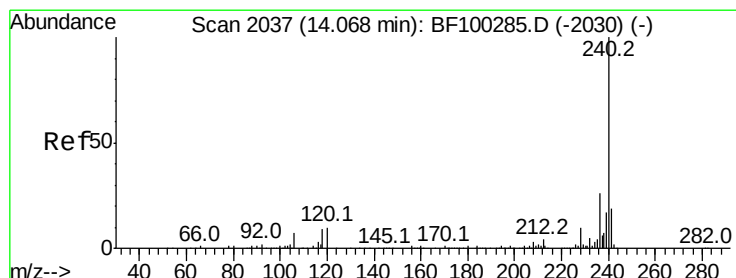
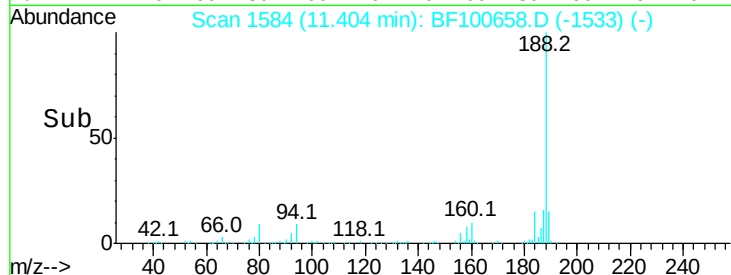
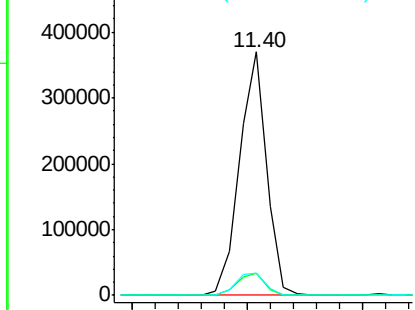
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100658.D
Acq: 17 Nov 2017 4:33

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

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.1	9.2	13.8#

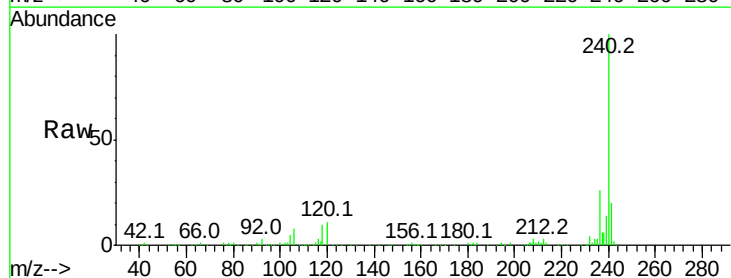


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

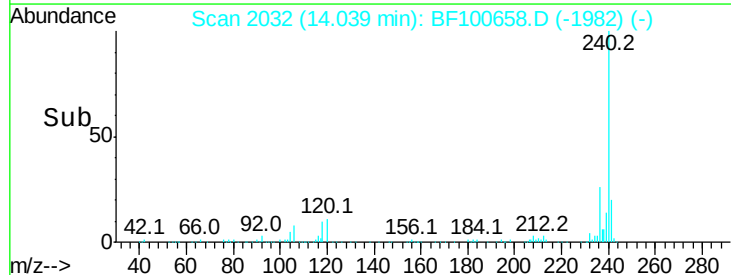
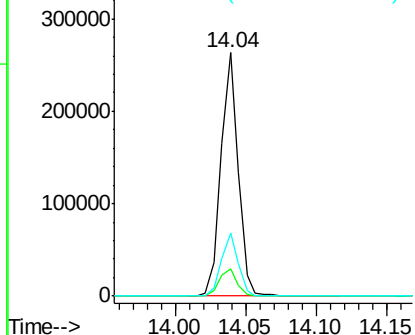


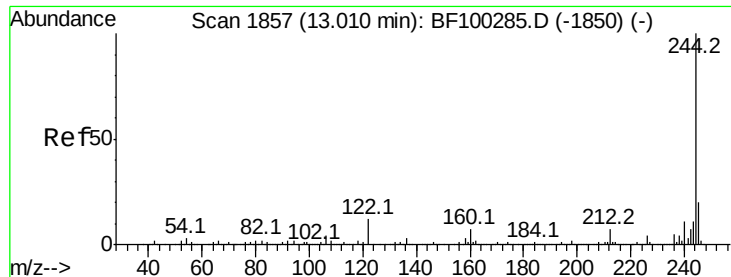
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100658.D
Acq: 17 Nov 2017 4:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.5	14.3
236	25.9	20.7	31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.650 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

Instrument :

BNA_F

ClientSampleId :

111317-TIDO-E-U-B

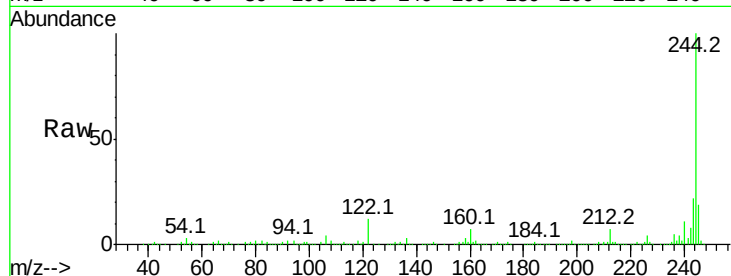
Tot Ion:244 Resp: 783441

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

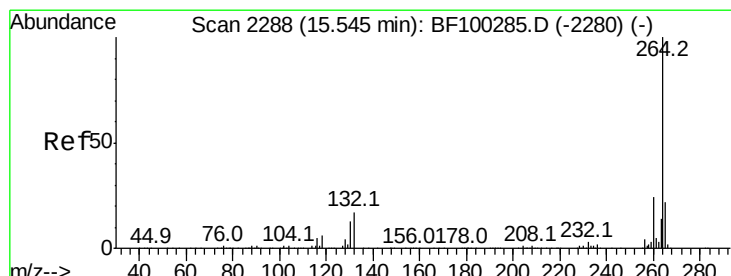
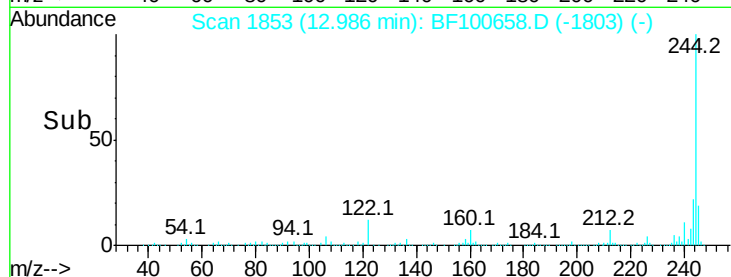
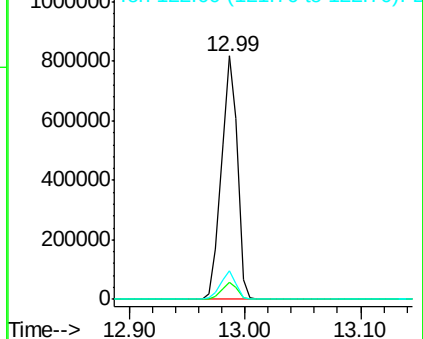
122 11.7 11.0 16.4



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: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF100658.D

Acq: 17 Nov 2017 4:33

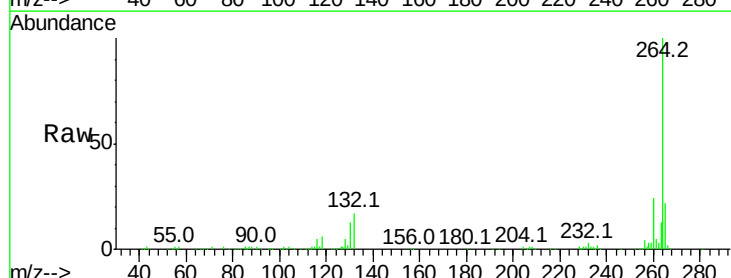
Tgt Ion:264 Resp: 223483

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.7 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

