

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
 Data File : BF100458.D
 Acq On : 12 Nov 2017 00:24
 Operator : SJ/JU
 Sample : I6369-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110617-TIDO-F-U-B

Quant Time: Nov 13 04:57:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	141070	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	512856	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	205924	20.00	ng	0.00
63) Phenanthrene-d10	11.43	188	323907	20.00	ng	0.00
75) Chrysene-d12	14.06	240	292553	20.00	ng	0.00
86) Perylene-d12	15.55	264	208887	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	418398	47.54	ng	0.00
7) Phenol-d6	6.52	99	326796	30.11	ng	-0.01
23) Nitrobenzene-d5	7.47	82	827690	106.70	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	174674	83.24	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1407866	104.11	ng	0.00
78) Terphenyl-d14	13.01	244	996961	78.30	ng	0.00

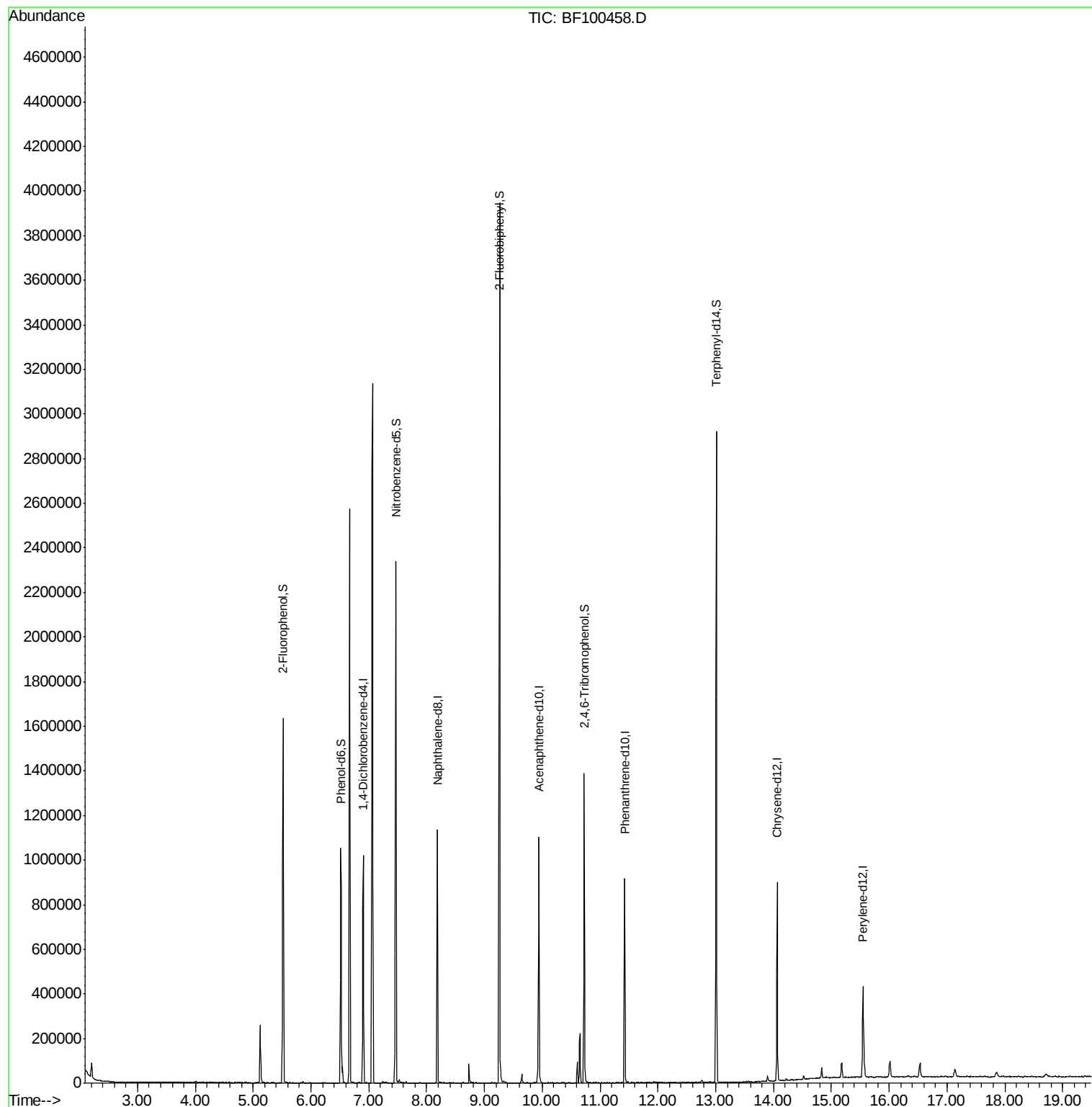
Target Compounds Qvalue

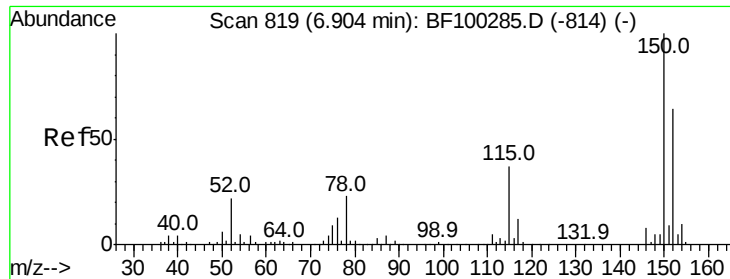
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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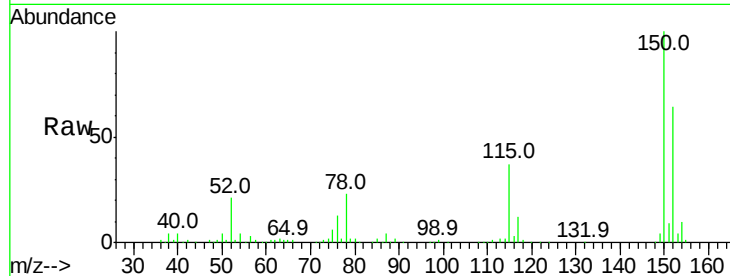


#1

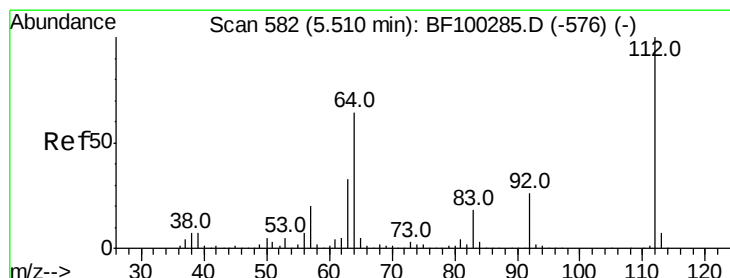
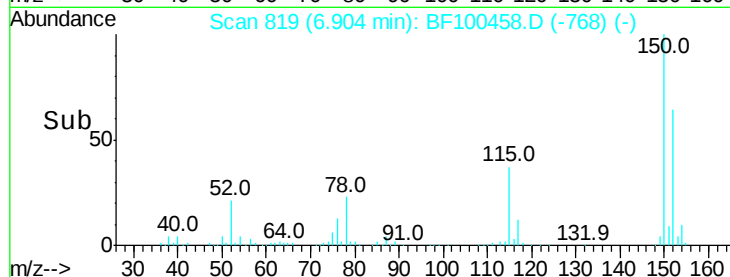
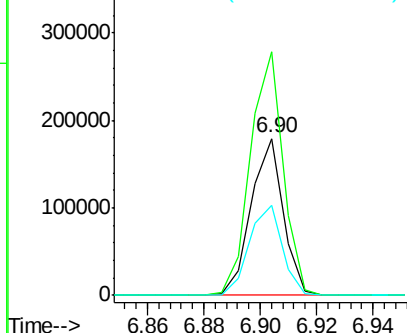
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF100458.D
Acq: 12 Nov 2017 00:24

Instrument :
BNA_F
ClientSampleId :
110617-TIDO-F-U-B

Tot Ion:152 Resp: 141070
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 57.1 50.1 75.1



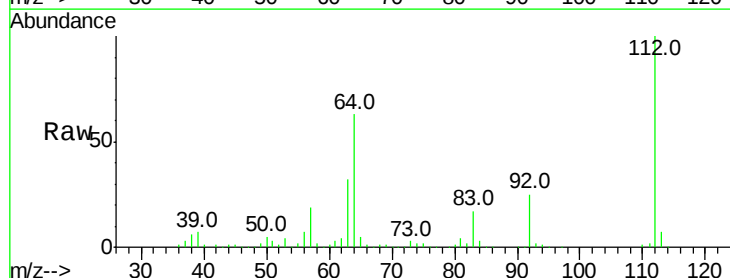
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



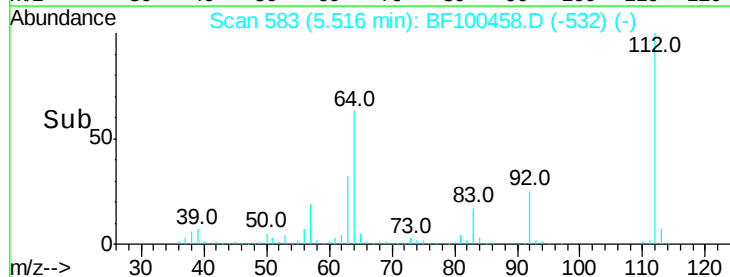
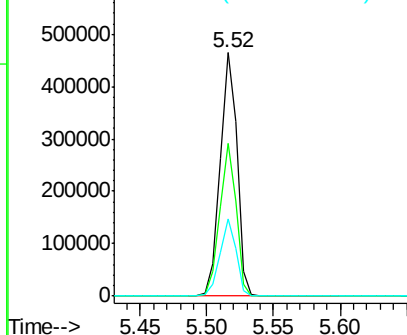
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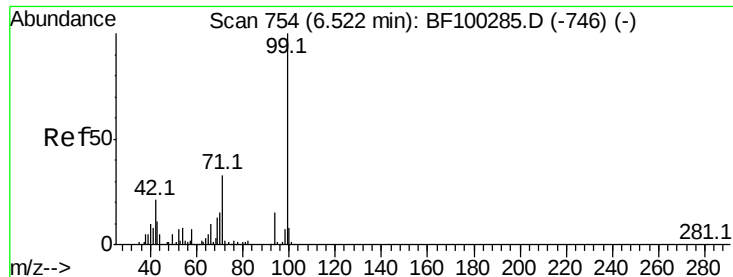
2-Fluorophenol
Concen: 47.543 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100458.D
Acq: 12 Nov 2017 00:24

Tgt Ion:112 Resp: 418398
Ion Ratio Lower Upper
112 100
64 62.8 47.9 71.9
63 31.5 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: 30.114 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100458.D

Acq: 12 Nov 2017 00:24

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-U-B

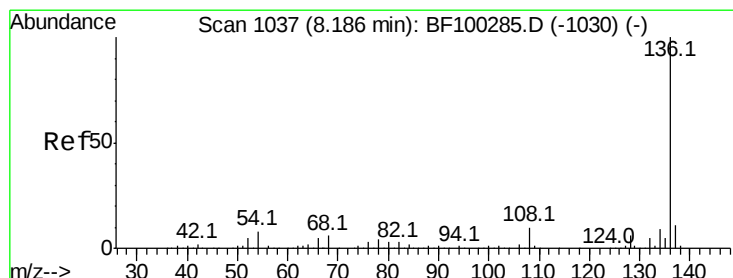
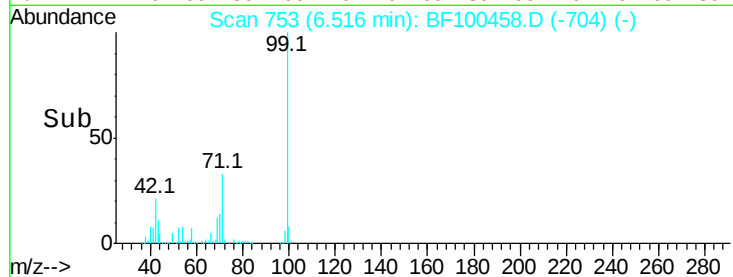
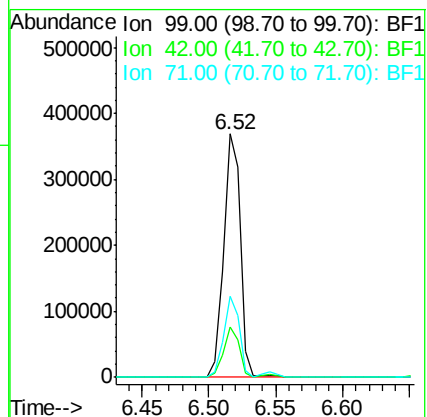
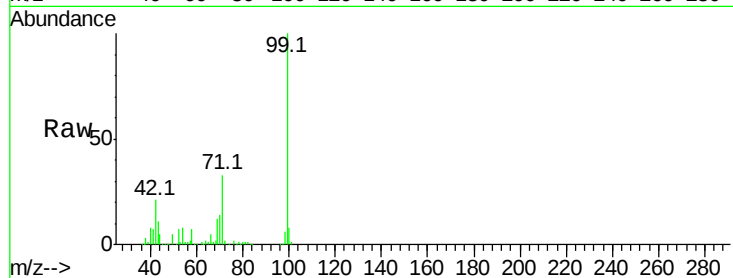
Tot Ion: 99 Resp: 326796

Ion Ratio Lower Upper

99 100

42 20.9 14.5 21.7

71 33.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF100458.D

Acq: 12 Nov 2017 00:24

Tgt Ion: 136 Resp: 512856

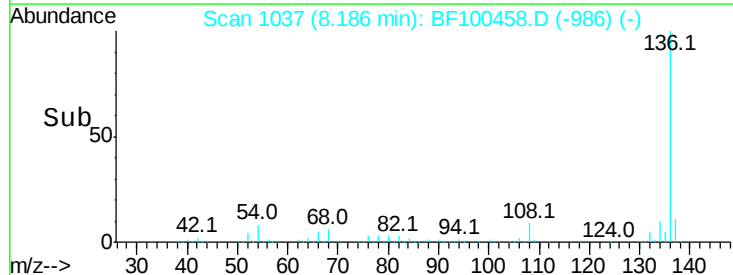
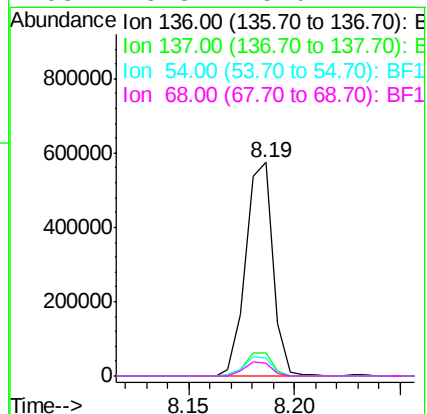
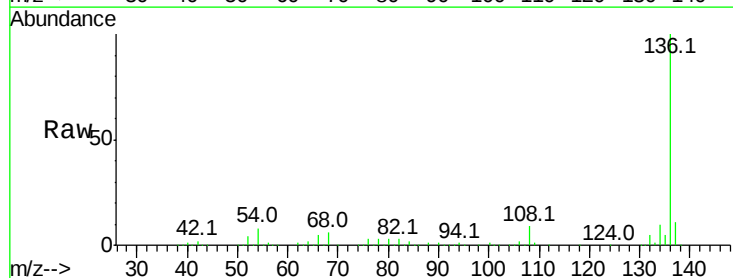
Ion Ratio Lower Upper

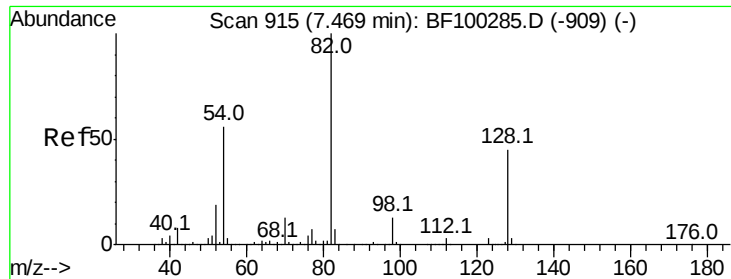
136 100

137 10.9 8.9 13.3

54 8.1 6.6 9.8

68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 106.699 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.00 min

Lab File: BF100458.D

Acq: 12 Nov 2017 00:24

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-U-B

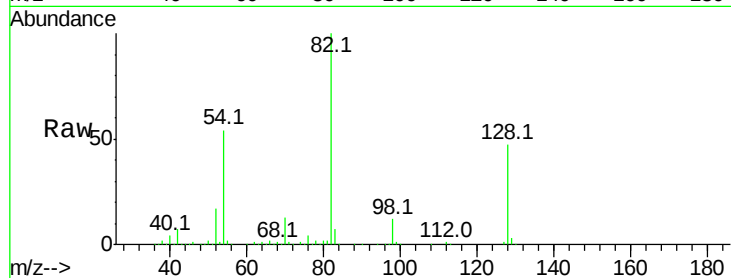
Tot Ion: 82 Resp: 827690

Ion Ratio Lower Upper

82 100

128 46.9 36.1 54.1

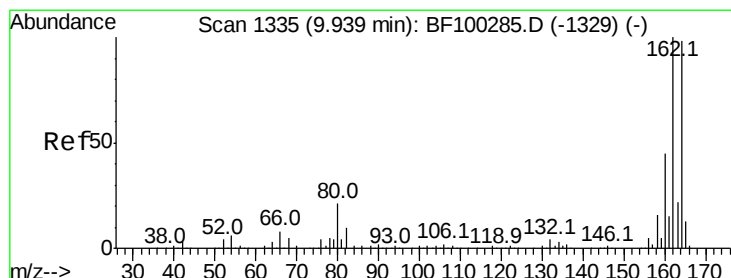
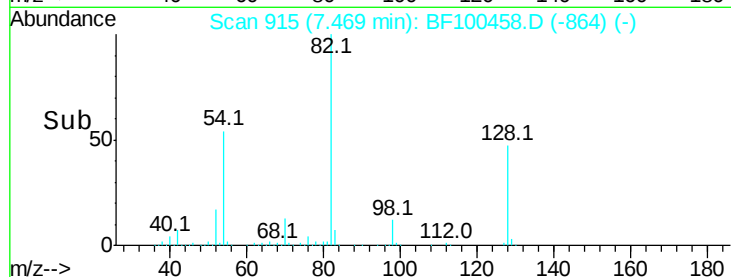
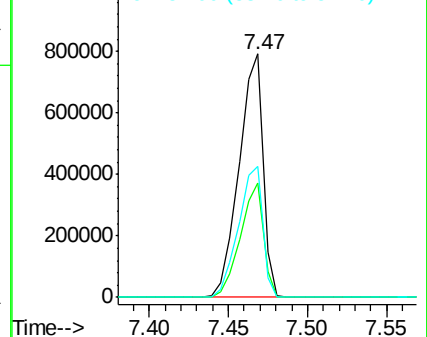
54 53.8 41.4 62.2



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: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF100458.D

Acq: 12 Nov 2017 00:24

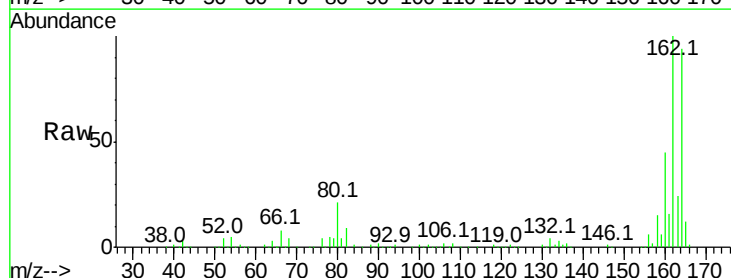
Tgt Ion: 164 Resp: 205924

Ion Ratio Lower Upper

164 100

162 106.4 86.1 129.1

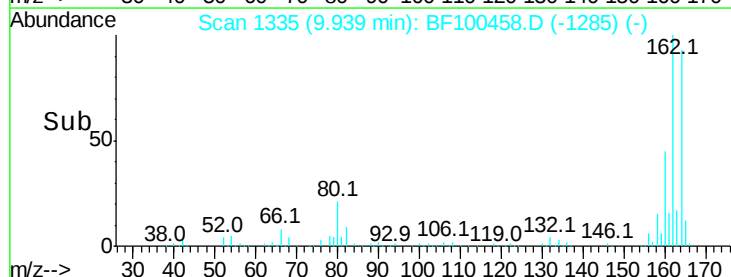
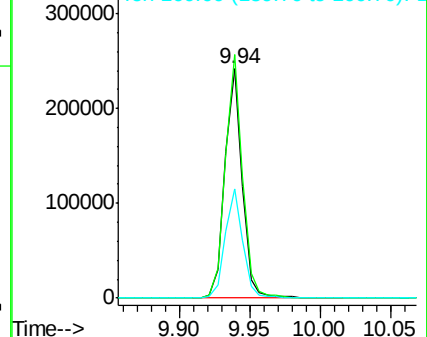
160 47.5 38.3 57.5

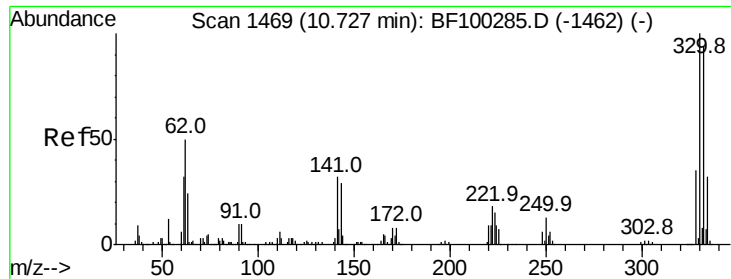


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

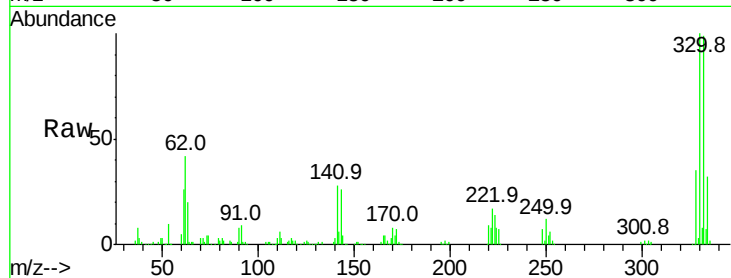




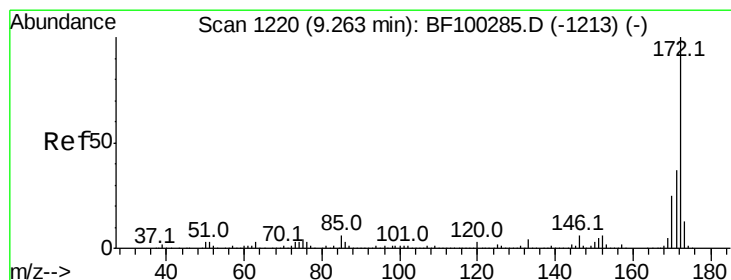
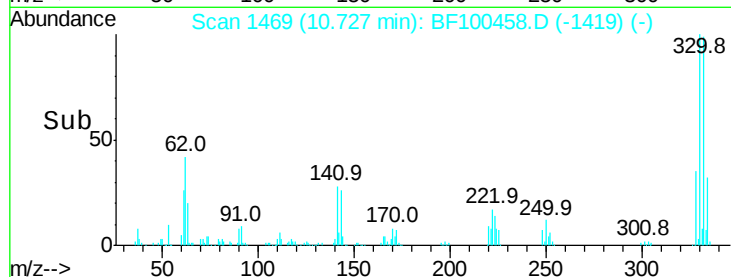
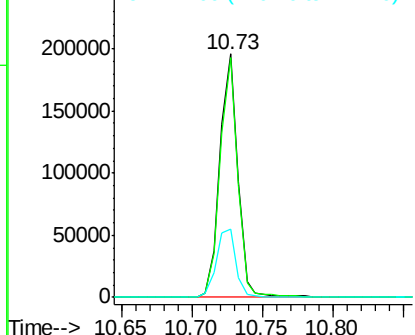
#41
 2,4,6-Tribromophenol
 Concen: 83.243 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100458.D
 Acq: 12 Nov 2017 00:24

Instrument :
 BNA_F
 ClientSampleId :
 110617-TIDO-F-U-B

Tot Ion:330 Resp: 174674
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 30.4 29.9 44.9

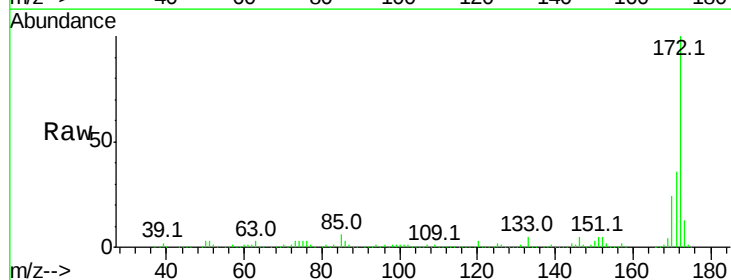


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

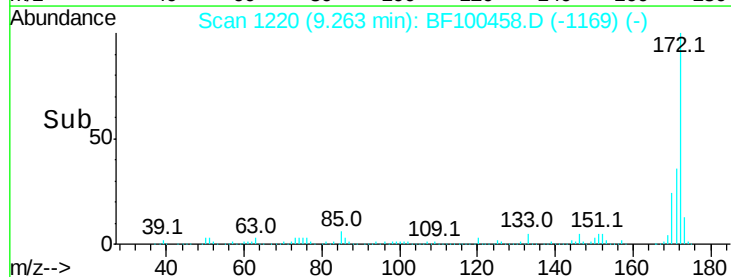
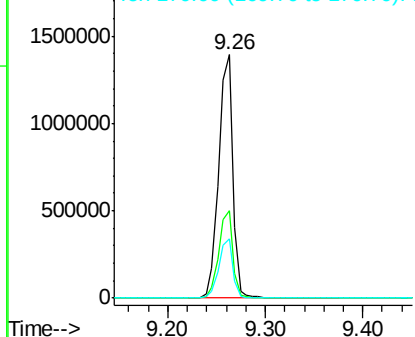


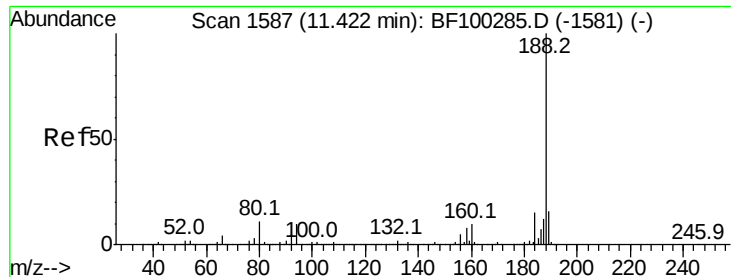
#44
 2-Fluorobiphenyl
 Concen: 104.105 ng
 RT: 9.26 min Scan# 1220
 Delta R.T. -0.00 min
 Lab File: BF100458.D
 Acq: 12 Nov 2017 00:24

Tgt Ion:172 Resp: 1407866
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.2 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

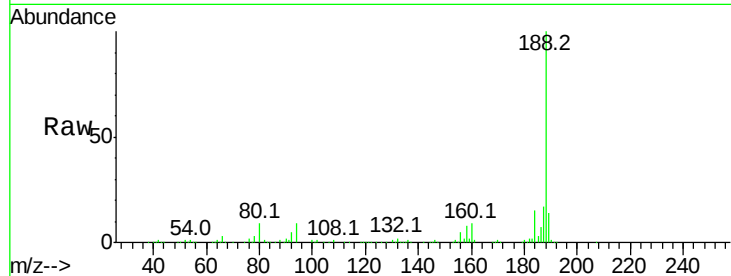




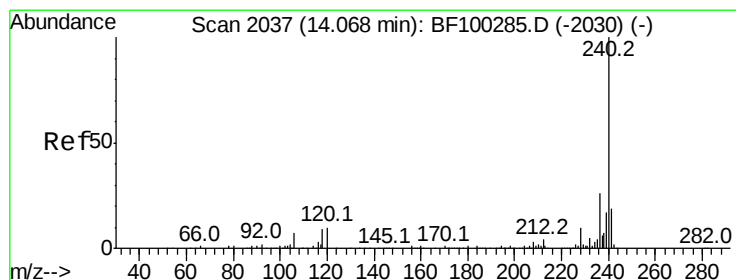
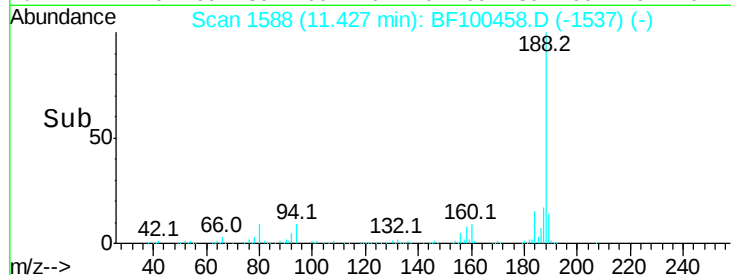
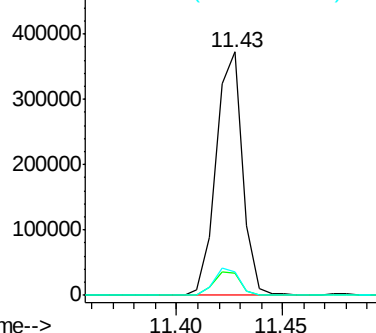
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.00 min
Lab File: BF100458.D
Acq: 12 Nov 2017 00:24

Instrument :
BNA_F
ClientSampleId :
110617-TIDO-F-U-B

Tot Ion:188 Resp: 323907
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.4 9.2 13.8

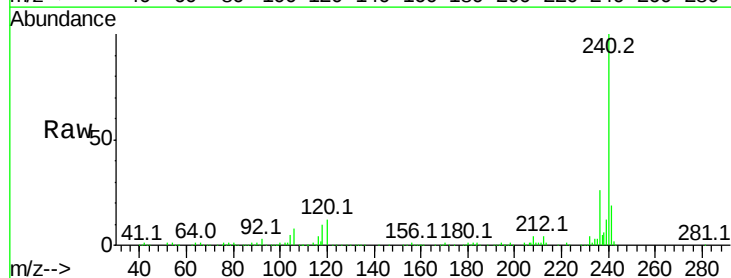


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

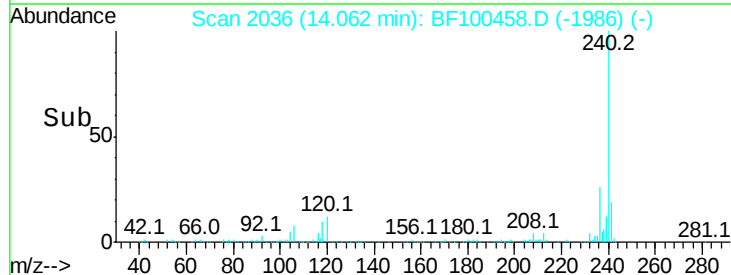
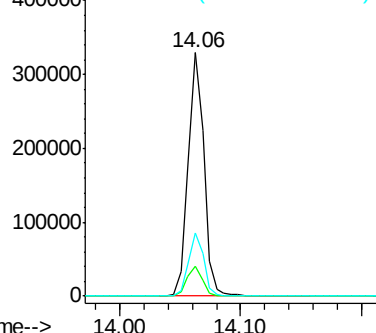


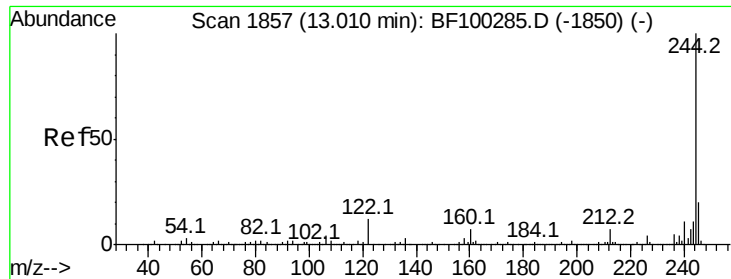
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. -0.01 min
Lab File: BF100458.D
Acq: 12 Nov 2017 00:24

Tgt Ion:240 Resp: 292553
Ion Ratio Lower Upper
240 100
120 12.4 9.5 14.3
236 26.2 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: 78.301 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100458.D

Acq: 12 Nov 2017 00:24

Instrument :

BNA_F

ClientSampleId :

110617-TIDO-F-U-B

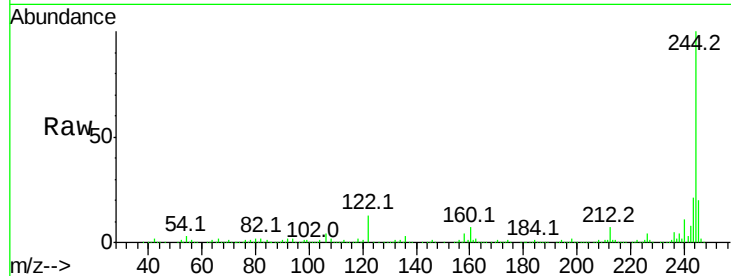
Tot Ion:244 Resp: 996961

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

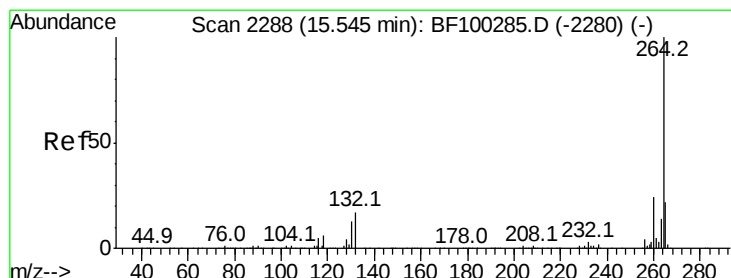
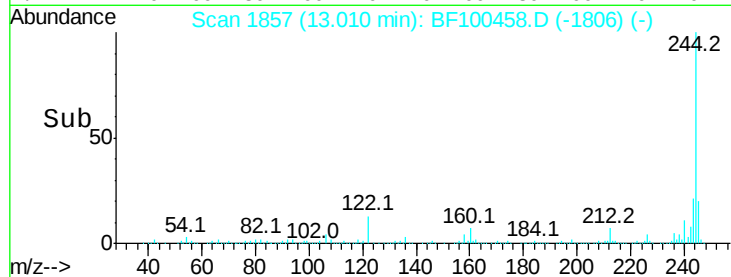
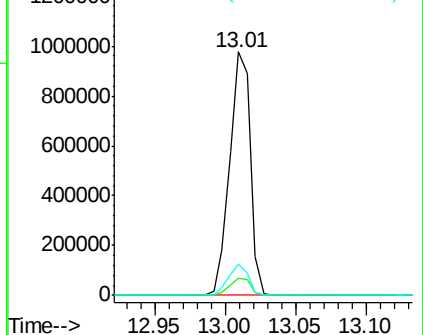
122 12.7 11.0 16.4



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: 15.55 min Scan# 2289

Delta R.T. 0.01 min

Lab File: BF100458.D

Acq: 12 Nov 2017 00:24

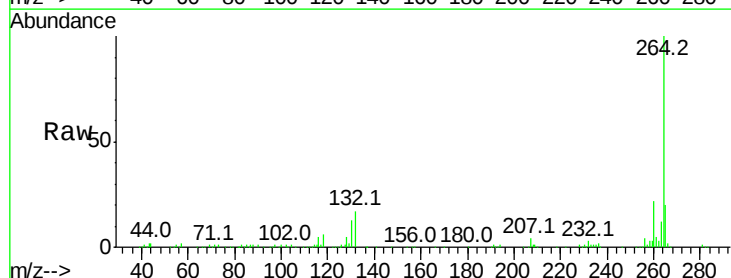
Tgt Ion:264 Resp: 208887

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 20.3 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

