

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111217\
 Data File : BF100495.D
 Acq On : 12 Nov 2017 17:40
 Operator : SJ/JU
 Sample : I6403-08
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-U-S

Quant Time: Nov 13 06:55:28 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	136826	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	508934	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	208237	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	313724	20.00	ng	0.00
75) Chrysene-d12	14.06	240	273639	20.00	ng	0.00
86) Perylene-d12	15.54	264	191728	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	370169	43.37	ng	0.00
7) Phenol-d6	6.52	99	283123	26.90	ng	-0.01
23) Nitrobenzene-d5	7.46	82	802453	104.24	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	163449	77.03	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1359426	99.41	ng	0.00
78) Terphenyl-d14	13.01	244	883419	74.18	ng	0.00

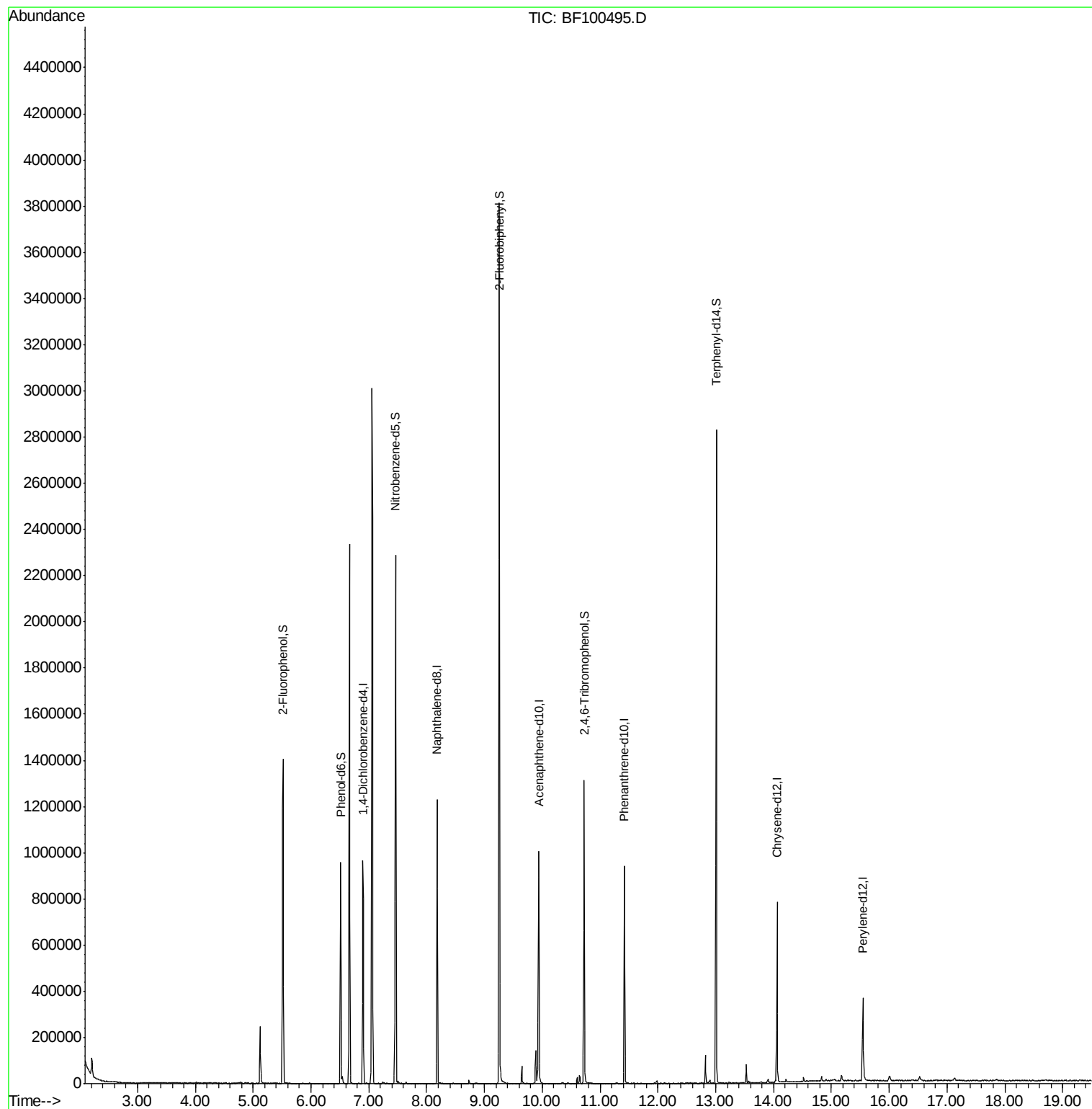
Target Compounds Qvalue

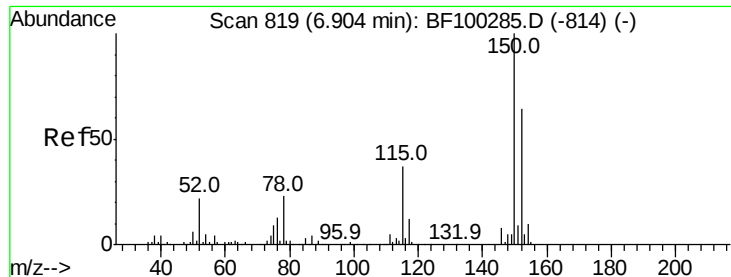
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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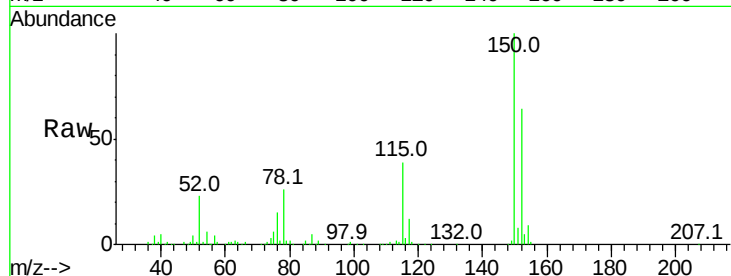


#1

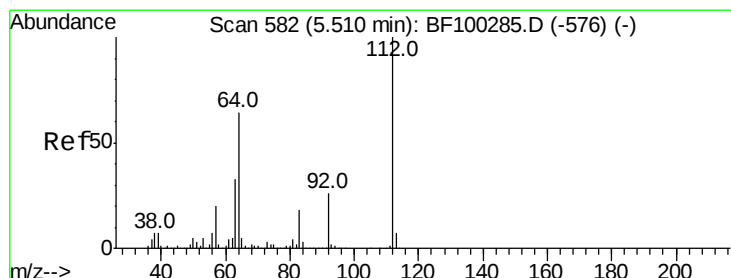
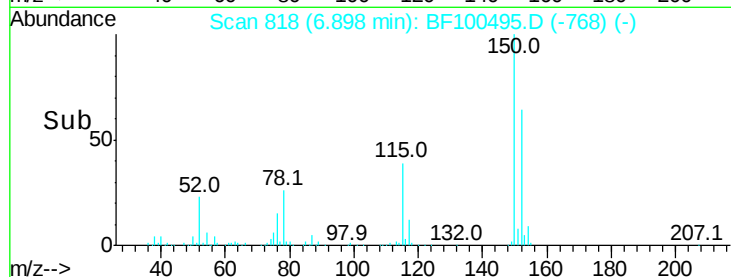
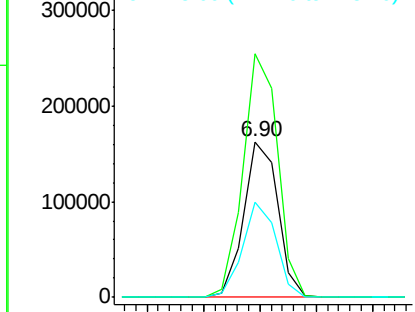
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF100495.D
Acq: 12 Nov 2017 17:40

Instrument :
BNA_F
ClientSampleId :
110817-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	61.3	50.1	75.1



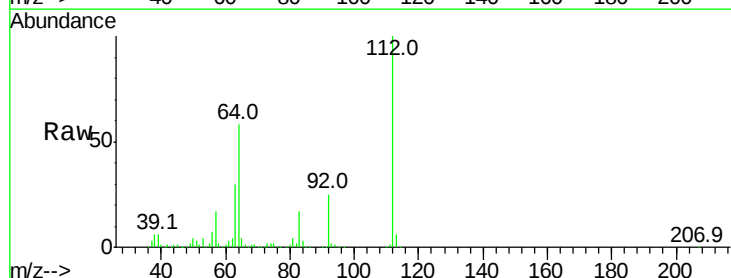
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



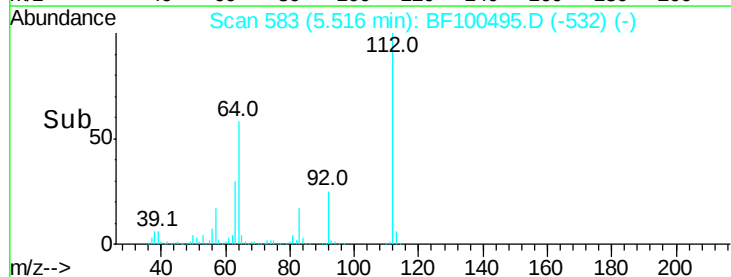
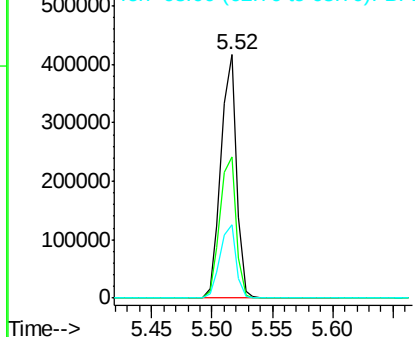
#5

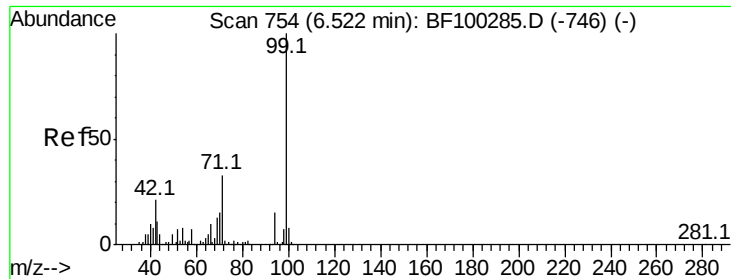
2-Fluorophenol
Concen: 43.367 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF100495.D
Acq: 12 Nov 2017 17:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.3	47.9	71.9
63	30.3	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: 26.898 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-S

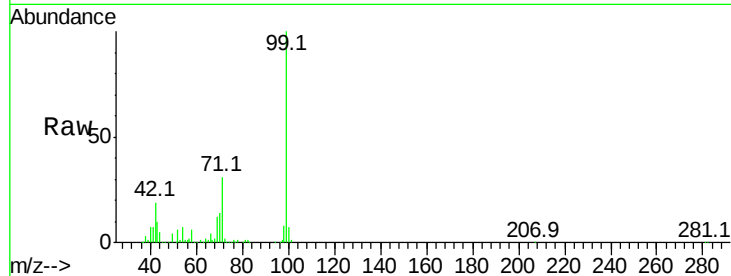
Tot Ion: 99 Resp: 283123

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

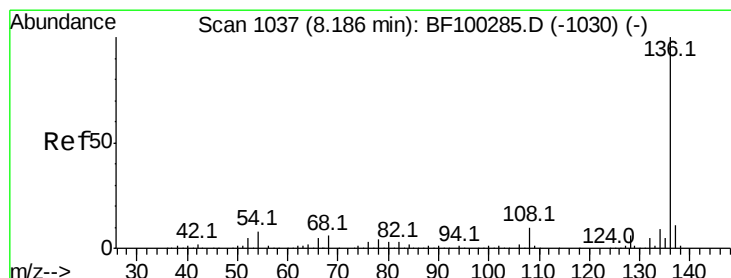
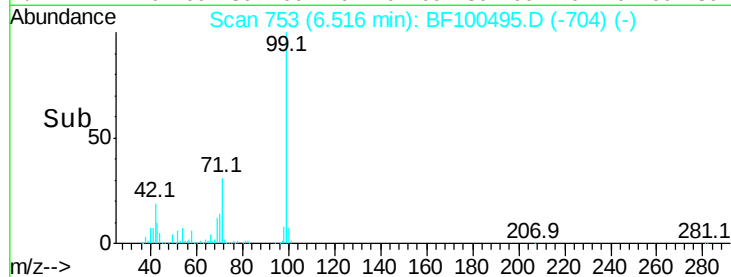
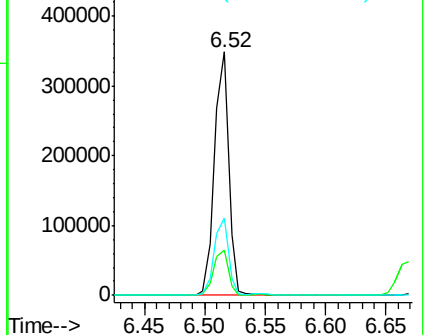
71 31.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

Tgt Ion: 136 Resp: 508934

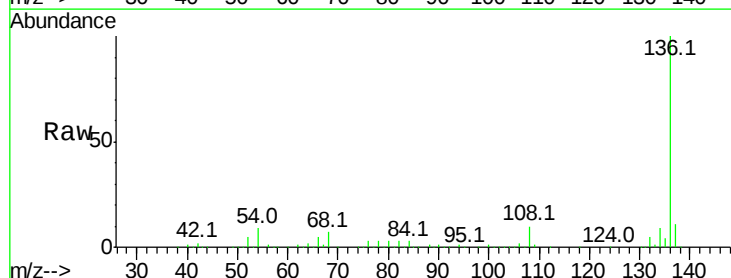
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 9.2 6.6 9.8

68 6.5 5.0 7.4

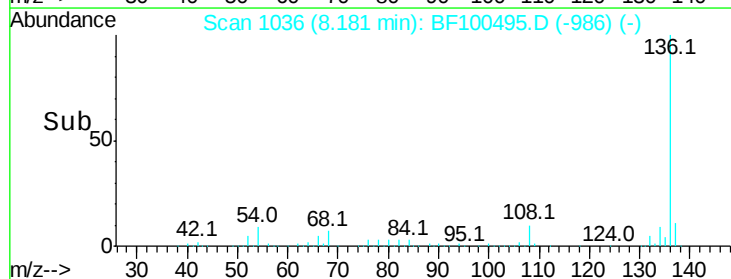
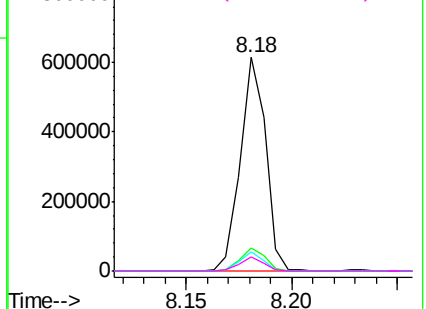


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

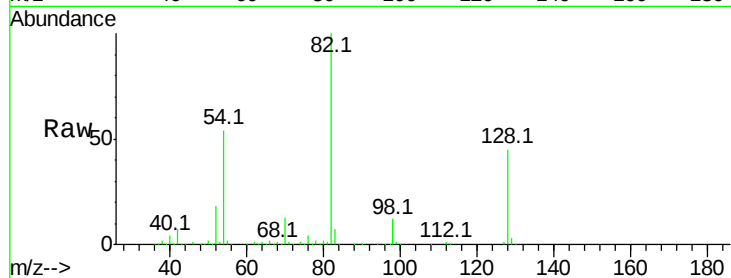




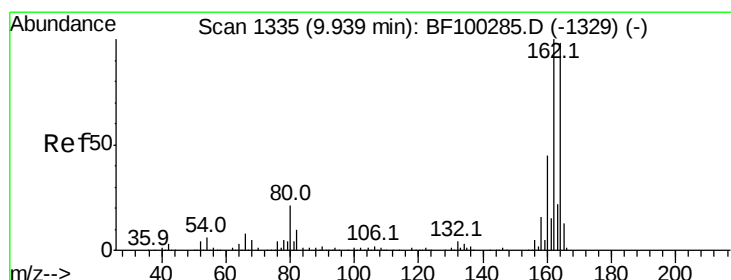
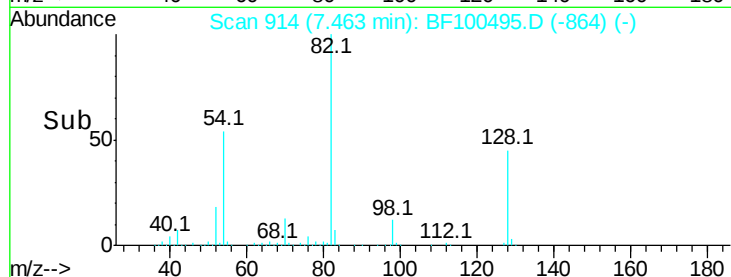
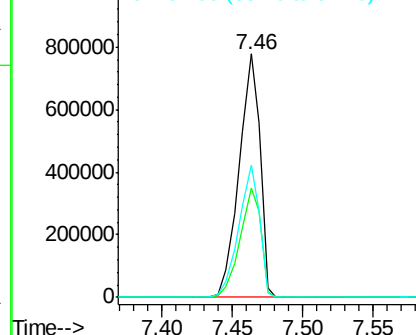
#23
 Nitrobenzene-d5
 Concen: 104.243 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-U-S

Tot Ion: 82 Resp: 802453
 Ion Ratio Lower Upper
 82 100
 128 45.1 36.1 54.1
 54 54.5 41.4 62.2

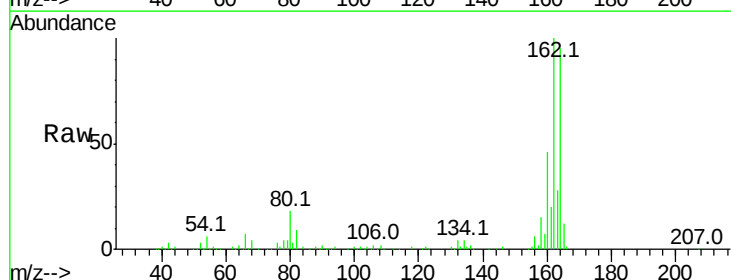


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

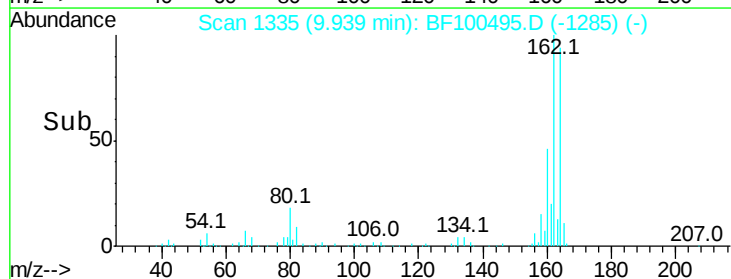
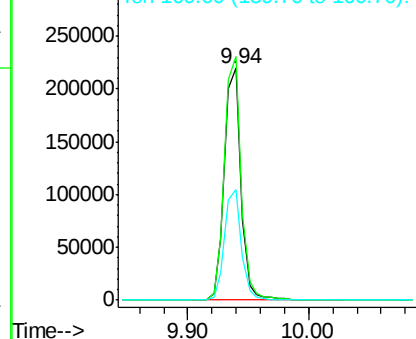


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

Tgt Ion: 164 Resp: 208237
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.8 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

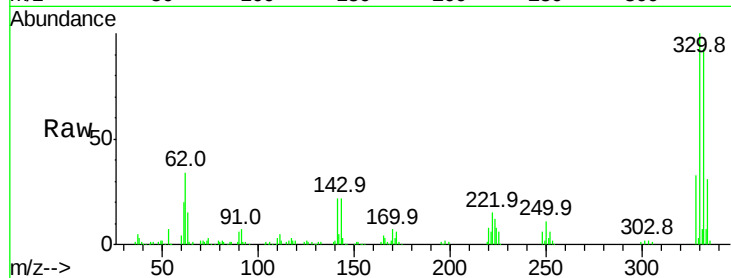




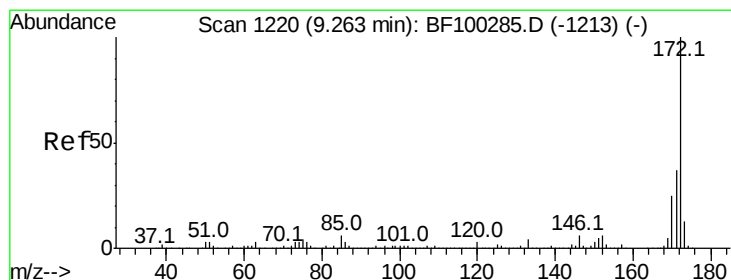
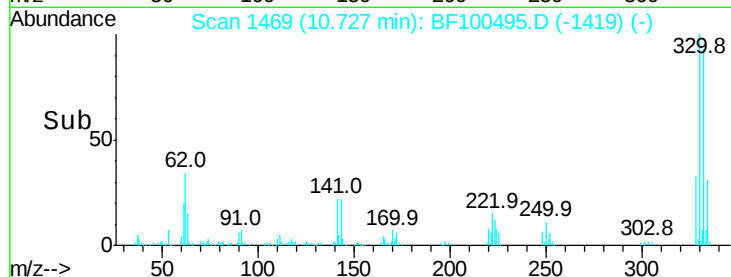
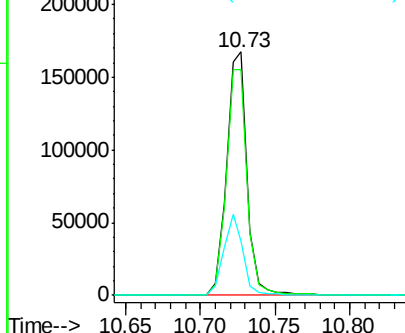
#41
 2,4,6-Tribromophenol
 Concen: 77.028 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

Instrument :
 BNA_F
 ClientSampleId :
 110817-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	31.1	29.9	44.9

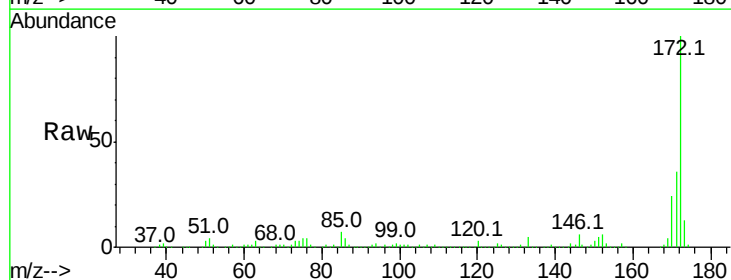


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

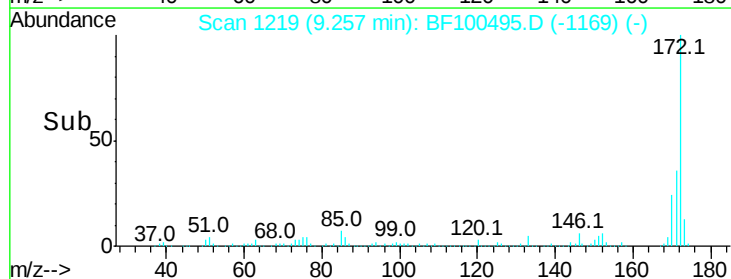
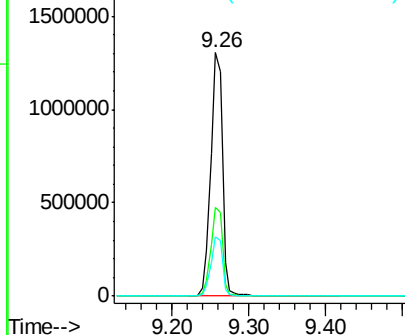


#44
 2-Fluorobiphenyl
 Concen: 99.407 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100495.D
 Acq: 12 Nov 2017 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.3	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: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-S

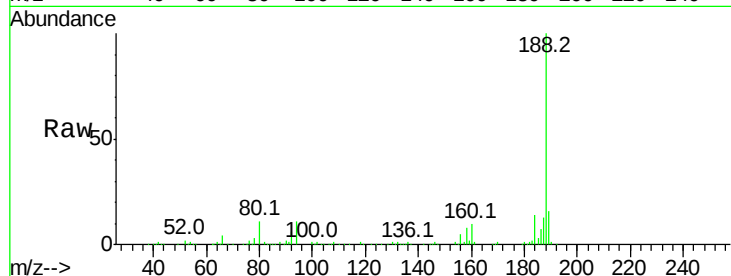
Tot Ion:188 Resp: 313724

Ion Ratio Lower Upper

188 100

94 10.6 8.5 12.7

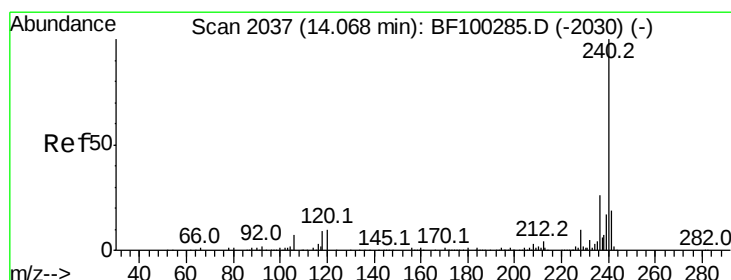
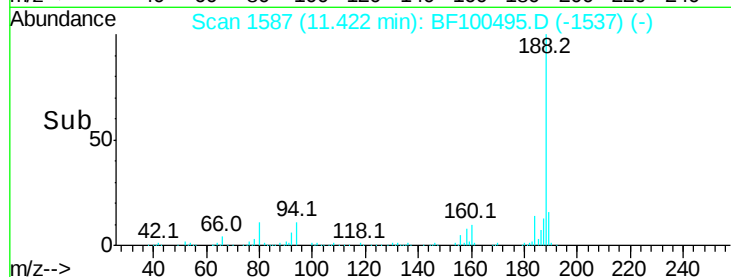
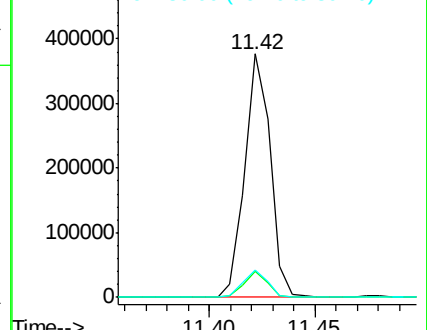
80 11.5 9.2 13.8



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: BF100495.D

Acq: 12 Nov 2017 17:40

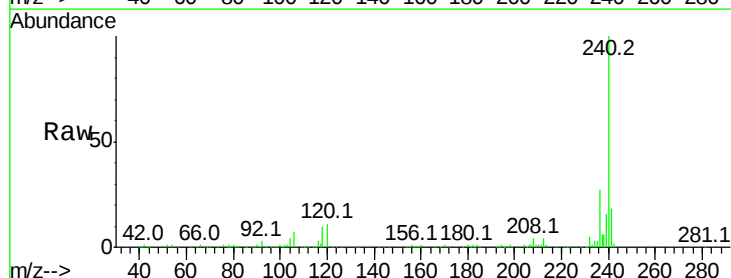
Tgt Ion:240 Resp: 273639

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

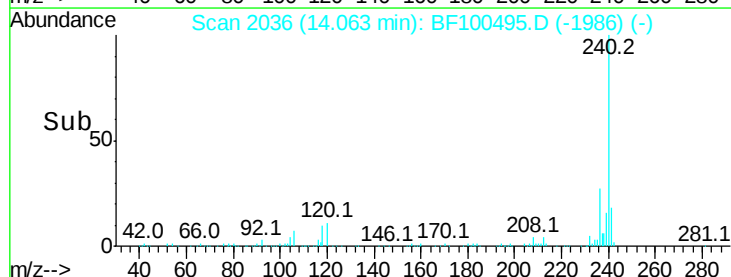
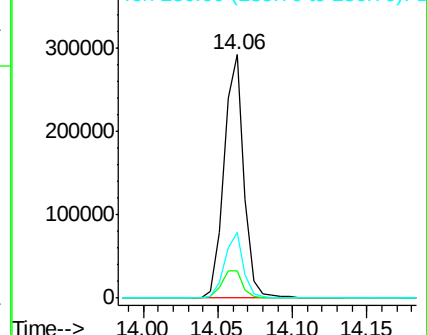
236 26.8 20.7 31.1

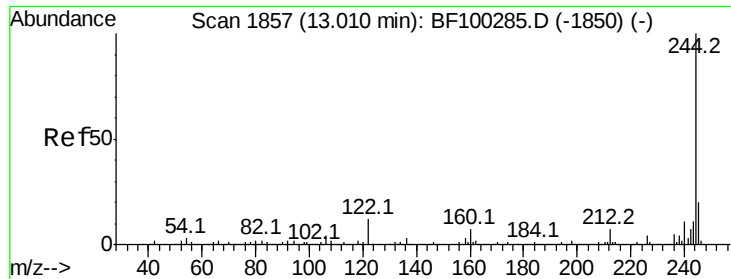


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.179 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

Instrument :

BNA_F

ClientSampleId :

110817-TIDO-F-U-S

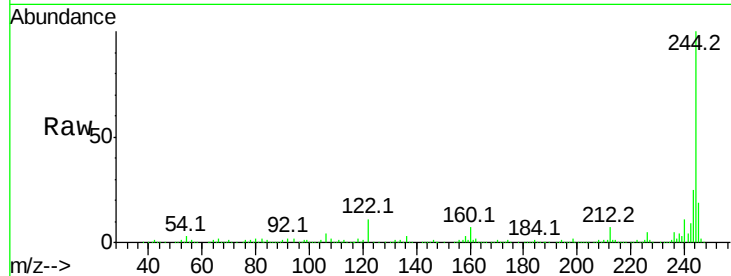
Tot Ion:244 Resp: 883419

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

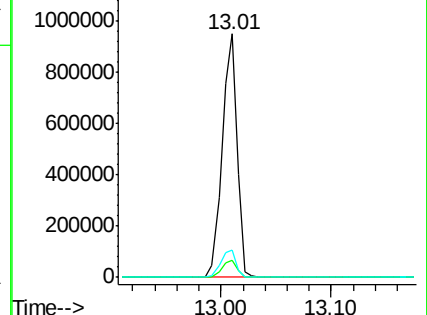
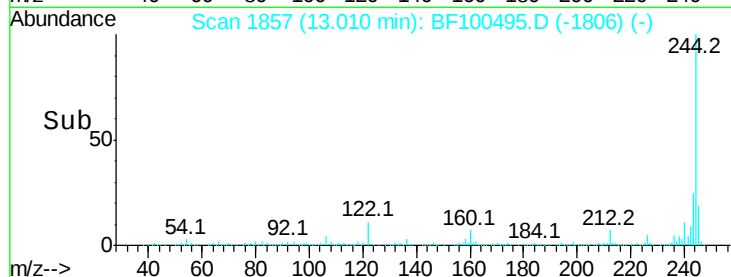
122 11.0 11.0 16.4



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: 15.54 min Scan# 2288

Delta R.T. -0.00 min

Lab File: BF100495.D

Acq: 12 Nov 2017 17:40

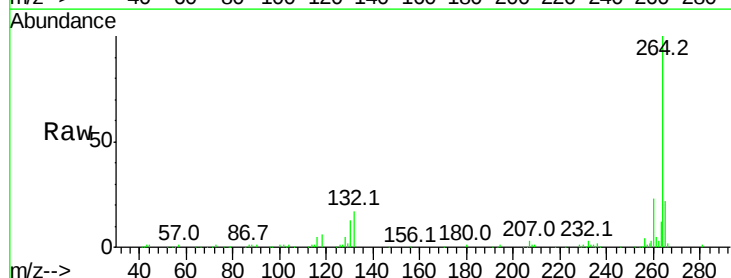
Tgt Ion:264 Resp: 191728

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 22.1 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

