

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111617\
 Data File : BF100653.D
 Acq On : 17 Nov 2017 2:19
 Operator : SJ/JU
 Sample : I6490-06
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-D-S

Quant Time: Nov 17 03:07:57 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	103787	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	396947	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	171352	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	279992	20.00	ng	0.00
75) Chrysene-d12	14.04	240	212014	20.00	ng	0.00
86) Perylene-d12	15.52	264	199605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	263892	40.76	ng	0.00
7) Phenol-d6	6.50	99	199633	25.00	ng	-0.01
23) Nitrobenzene-d5	7.45	82	553079	92.12	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	126544	72.47	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1048208	93.15	ng	0.00
78) Terphenyl-d14	12.99	244	717106	77.72	ng	0.00

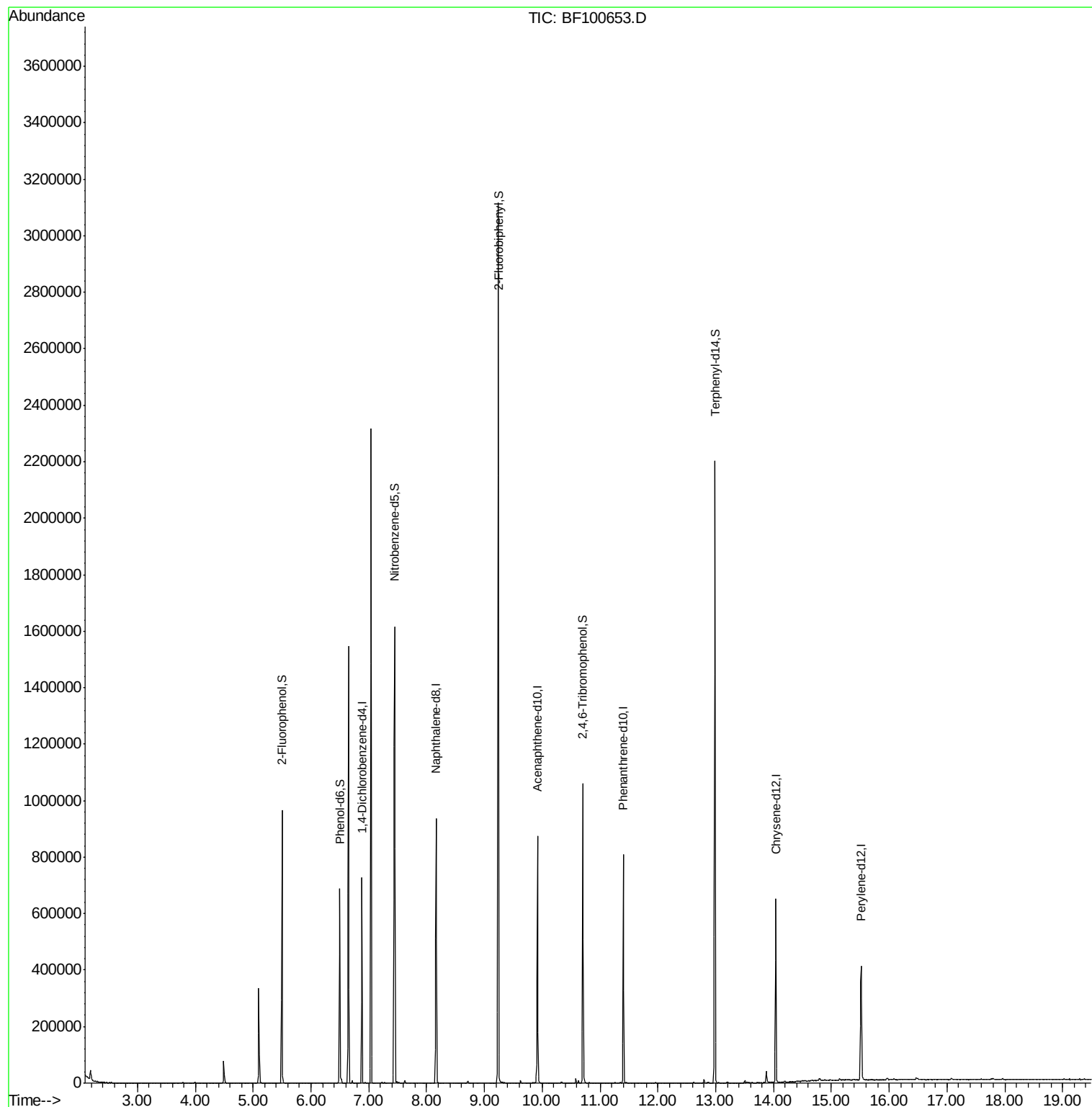
Target Compounds Qvalue

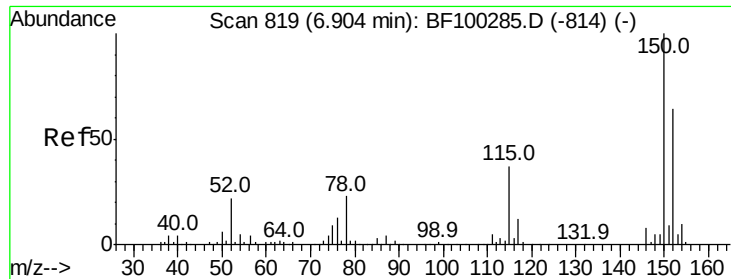
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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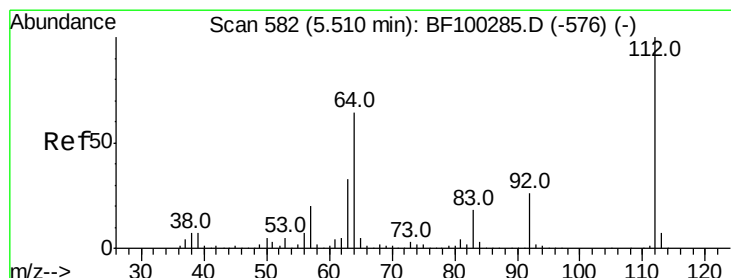
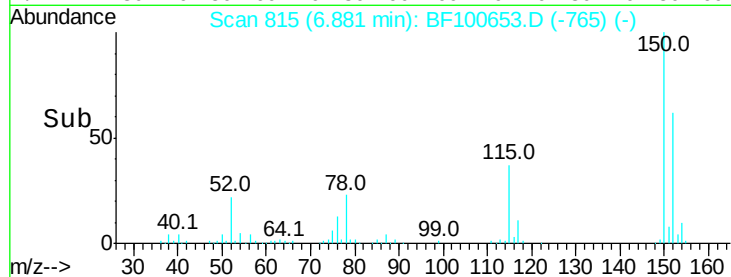
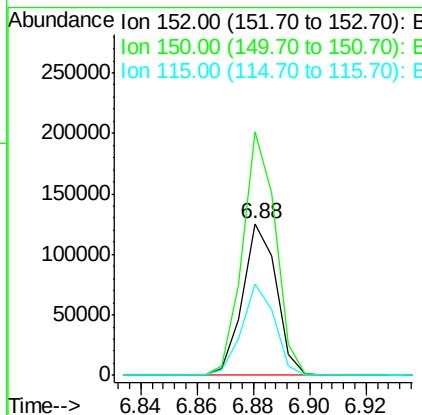
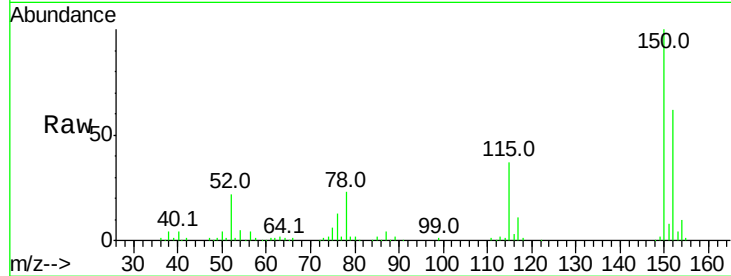


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100653.D
Acq: 17 Nov 2017 2:19

Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-D-S

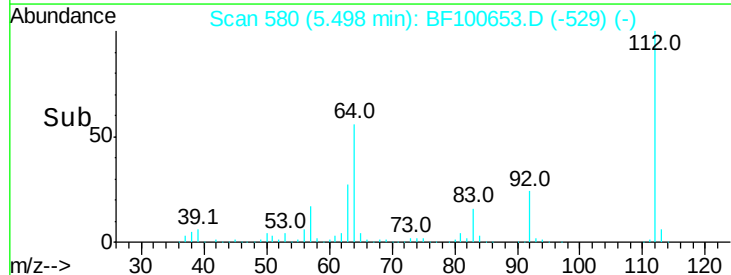
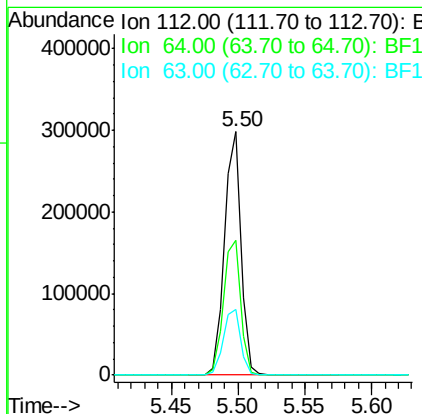
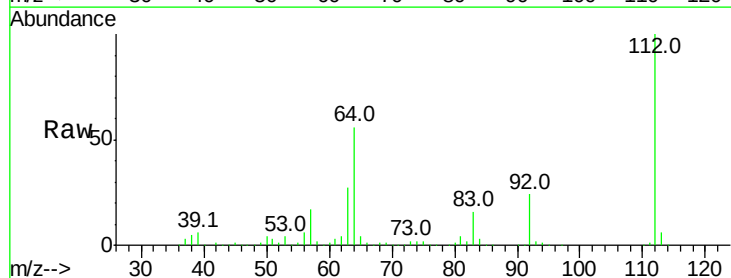
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	124.6	186.8
115	60.1	50.1	75.1

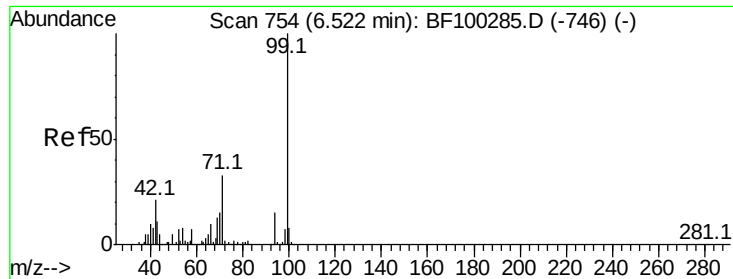


#5

2-Fluorophenol
Concen: 40.758 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF100653.D
Acq: 17 Nov 2017 2:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	47.9	71.9
63	27.2	23.7	35.5





#7

Phenol-d6

Concen: 25.004 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF100653.D

Acq: 17 Nov 2017 2:19

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-D-S

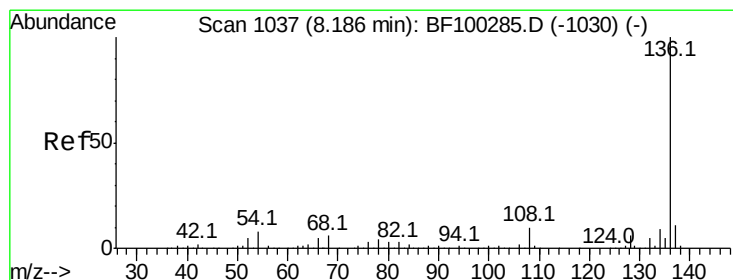
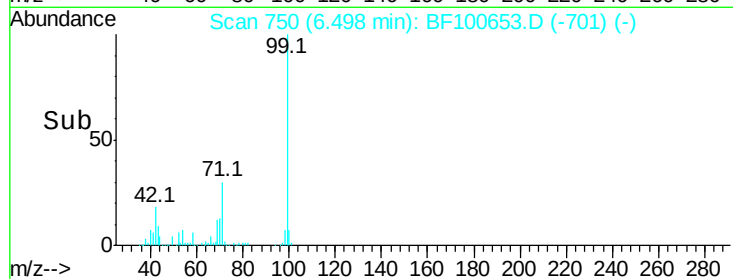
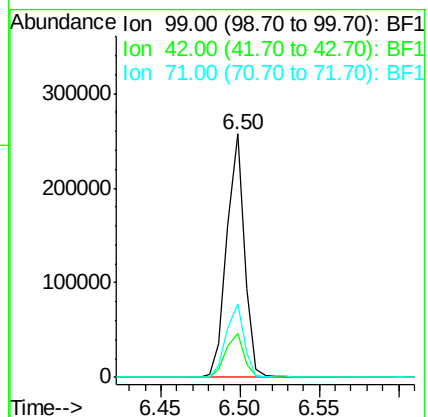
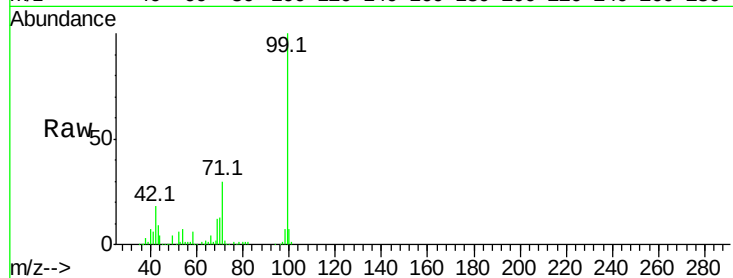
Tot Ion: 99 Resp: 199633

Ion Ratio Lower Upper

99 100

42 18.2 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: BF100653.D

Acq: 17 Nov 2017 2:19

Tgt Ion: 136 Resp: 396947

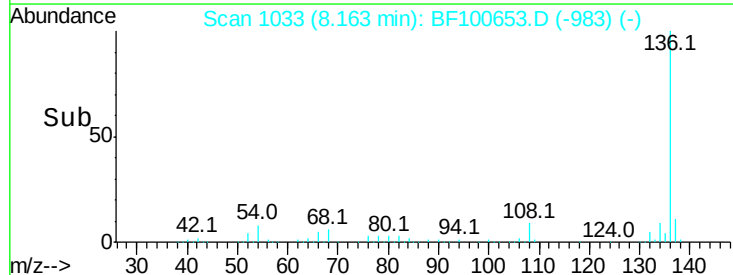
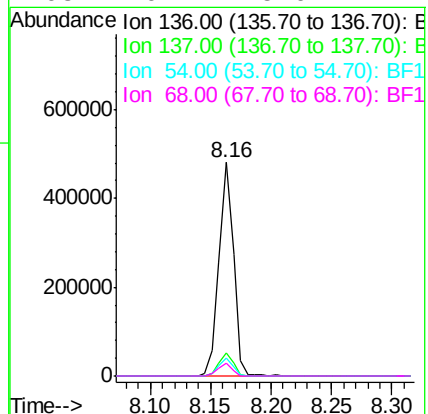
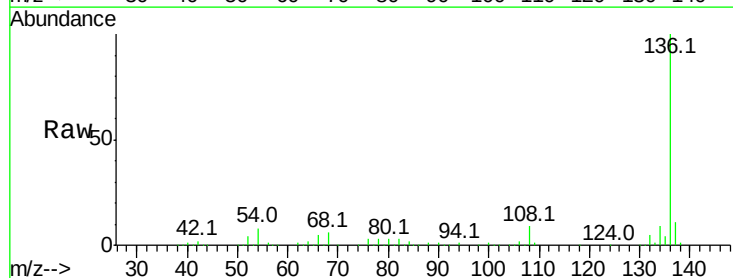
Ion Ratio Lower Upper

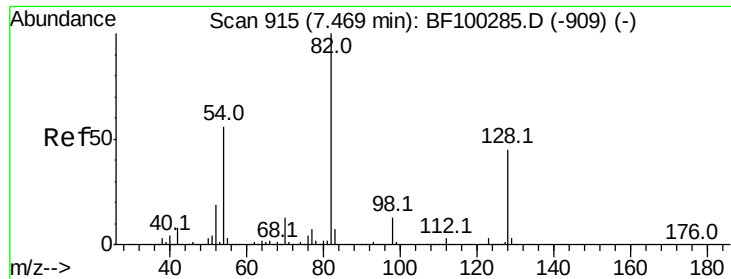
136 100

137 10.8 8.9 13.3

54 8.2 6.6 9.8

68 6.1 5.0 7.4

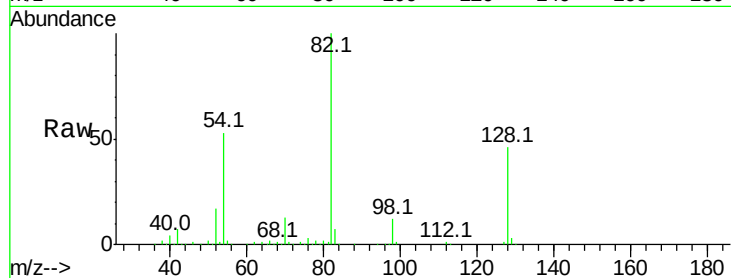




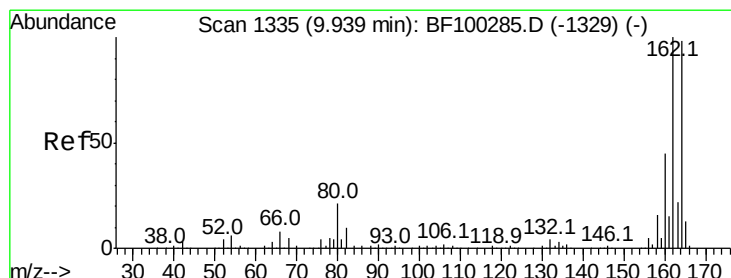
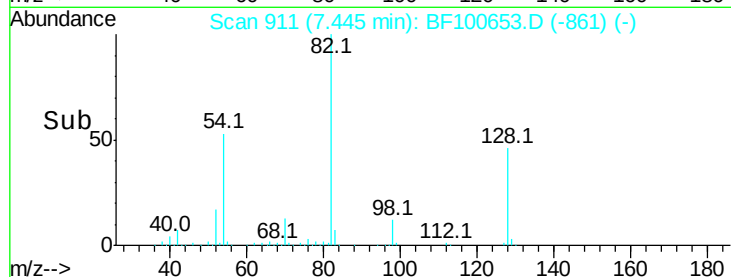
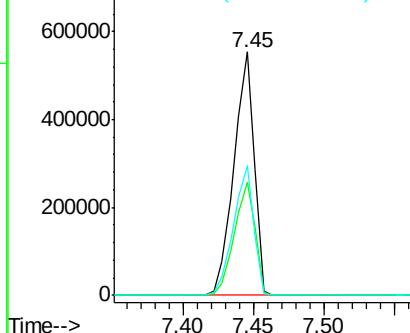
#23
 Nitrobenzene-d5
 Concen: 92.118 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-D-S

Tot Ion: 82 Resp: 553079
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.1 54.1
 54 53.1 41.4 62.2

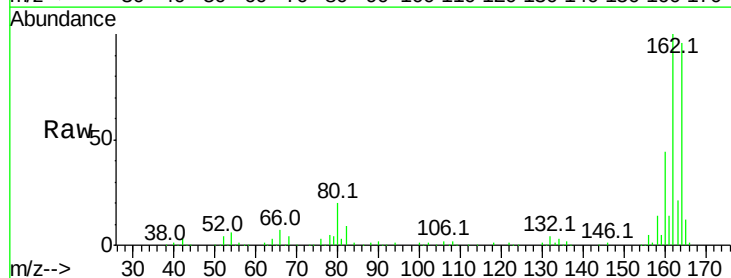


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

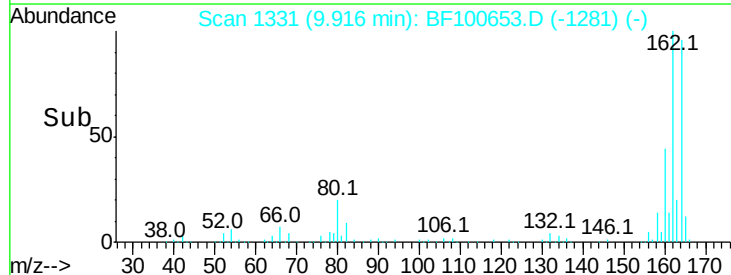
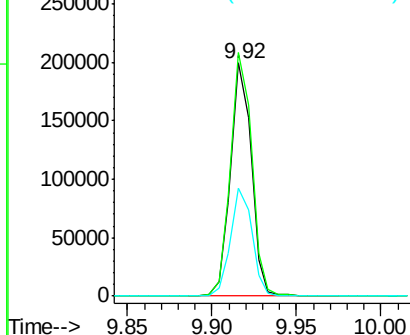


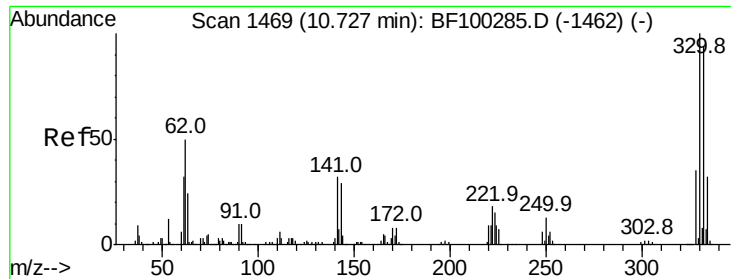
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

Tgt Ion: 164 Resp: 171352
 Ion Ratio Lower Upper
 164 100
 162 104.5 86.1 129.1
 160 46.4 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

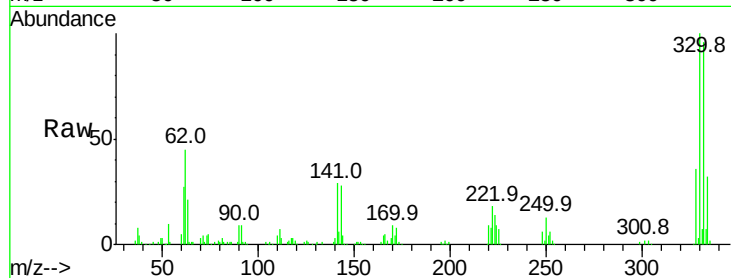




#41
 2,4,6-Tribromophenol
 Concen: 72.473 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

Instrument :
 BNA_F
 ClientSampleId :
 111417-TIDO-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	29.2	29.9	44.9#

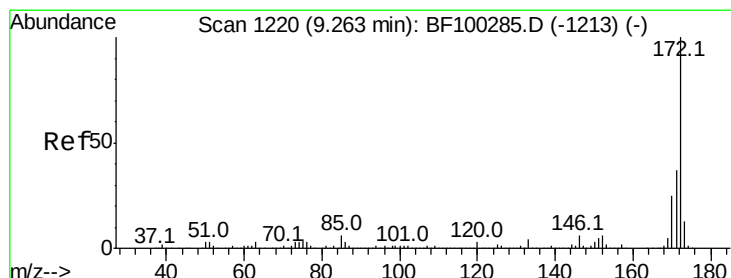
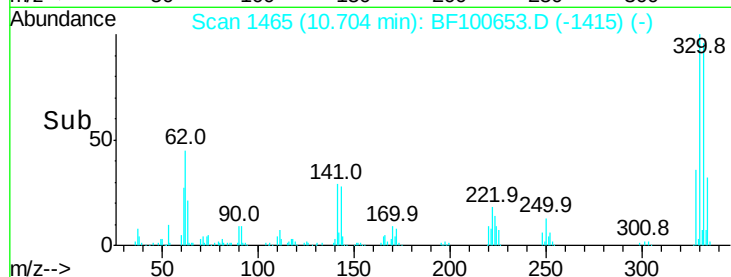
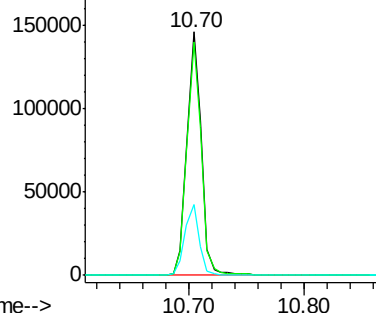


Abundance

Ion 329.80 (329.50 to 330.50): E

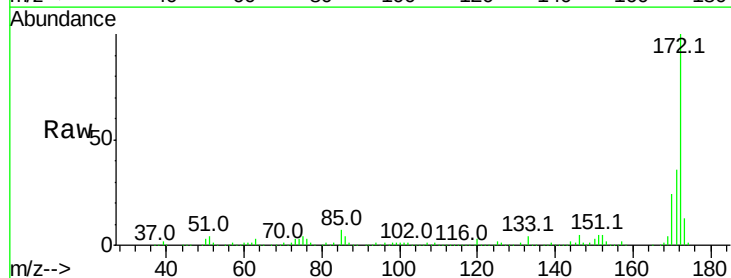
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 93.149 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100653.D
 Acq: 17 Nov 2017 2:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.2	19.6	29.4

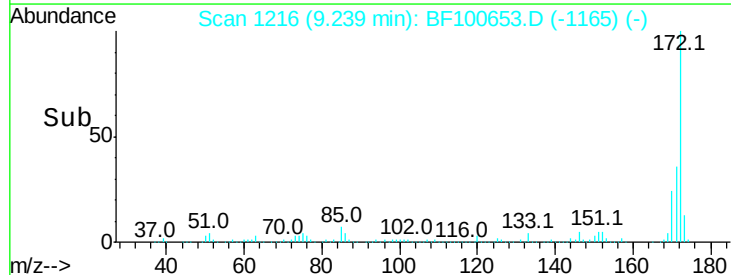
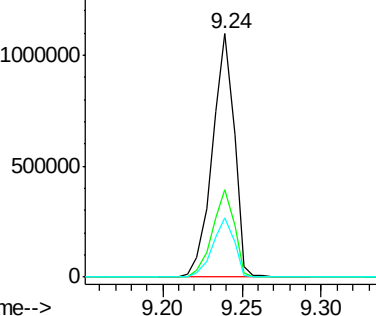


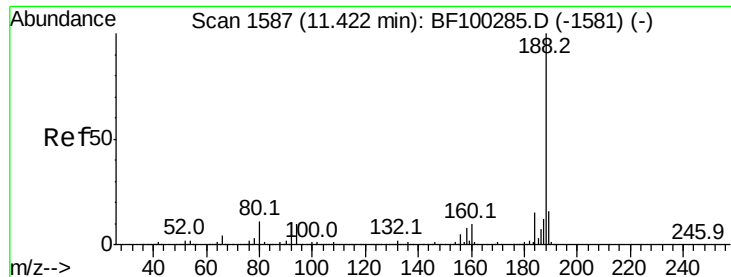
Abundance

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

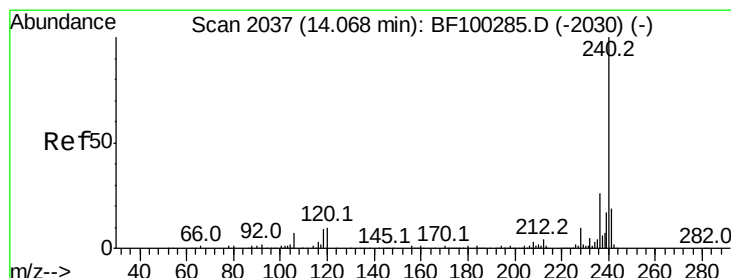
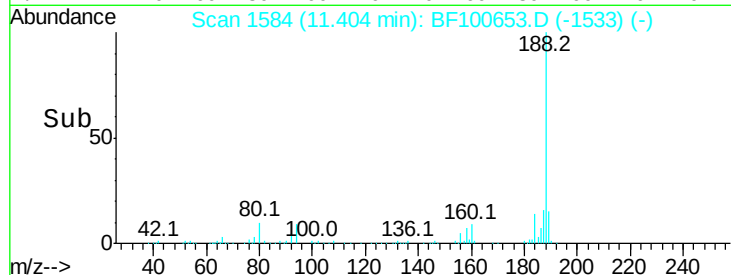
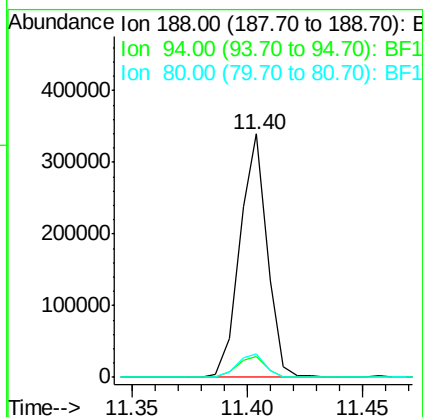
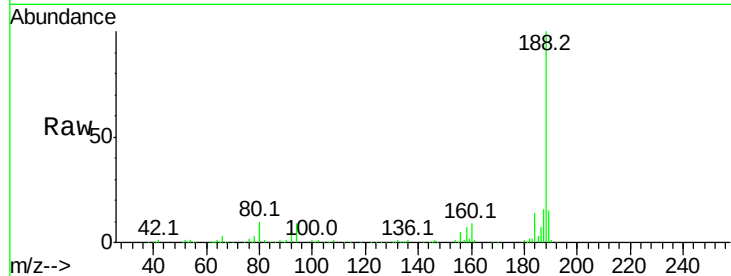




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100653.D
Acq: 17 Nov 2017 2:19

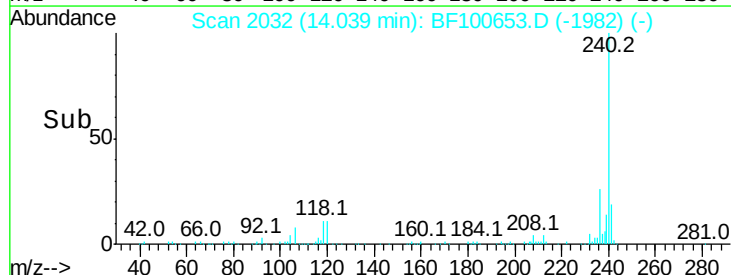
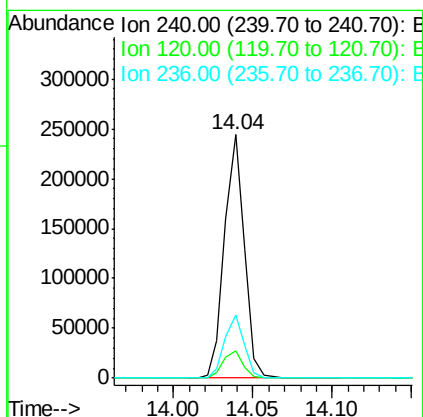
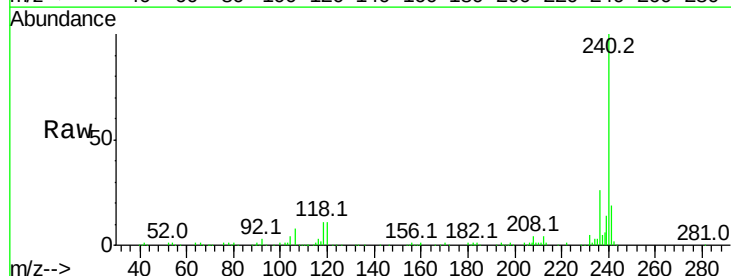
Instrument :
BNA_F
ClientSampleId :
111417-TIDO-E-D-S

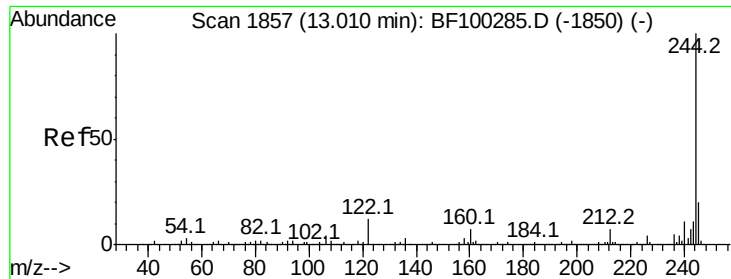
Tot Ion:188 Resp: 279992
Ion Ratio Lower Upper
188 100
94 8.8 8.5 12.7
80 9.6 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF100653.D
Acq: 17 Nov 2017 2:19

Tgt Ion:240 Resp: 212014
Ion Ratio Lower Upper
240 100
120 11.4 9.5 14.3
236 25.7 20.7 31.1





#78

Terphenyl-d14

Concen: 77.717 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100653.D

Acq: 17 Nov 2017 2:19

Instrument :

BNA_F

ClientSampleId :

111417-TIDO-E-D-S

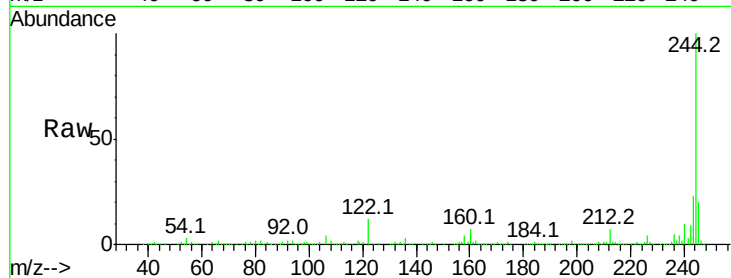
Tot Ion:244 Resp: 717106

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

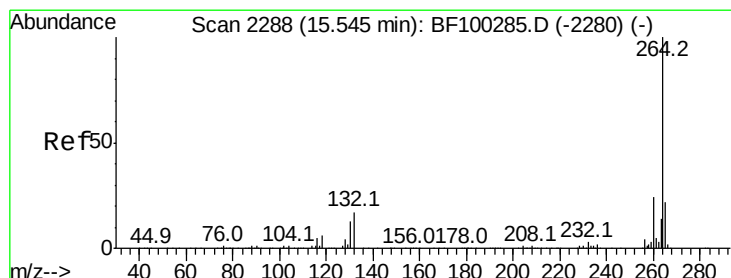
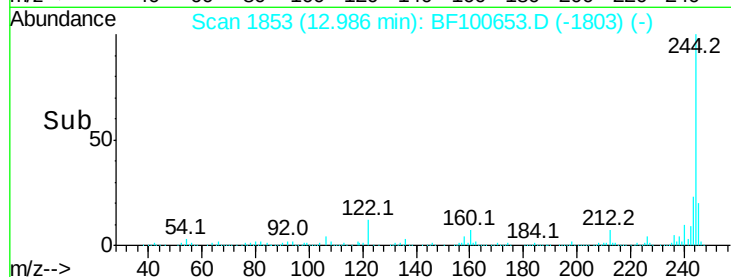
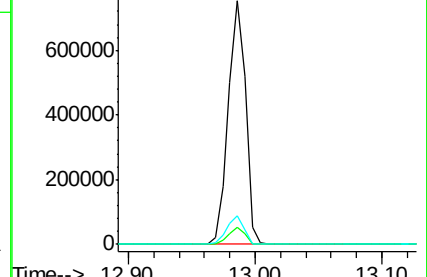
122 11.7 11.0 16.4



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: BF100653.D

Acq: 17 Nov 2017 2:19

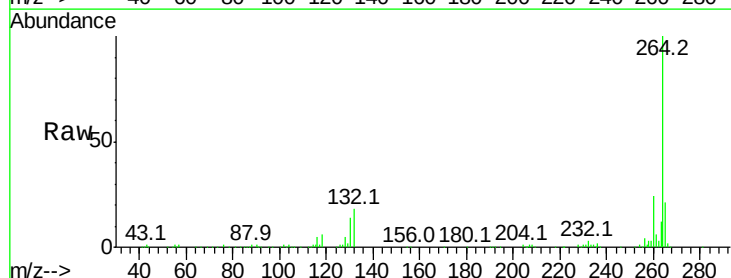
Tgt Ion:264 Resp: 199605

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.1 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

