

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100719.D
 Acq On : 18 Nov 2017 13:31
 Operator : SJ/JU
 Sample : I6512-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Nov 20 04:17:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 15:22:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	91888	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	358906	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	159921	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	272027	20.00	ng	0.00
75) Chrysene-d12	14.04	240	205475	20.00	ng	0.00
86) Perylene-d12	15.52	264	182159	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	646240	112.74	ng	0.02
7) Phenol-d6	6.51	99	685983	97.05	ng	0.00
23) Nitrobenzene-d5	7.45	82	564517	103.99	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	214812	131.82	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1078297	102.67	ng	0.00
78) Terphenyl-d14	12.99	244	883075	98.75	ng	0.00

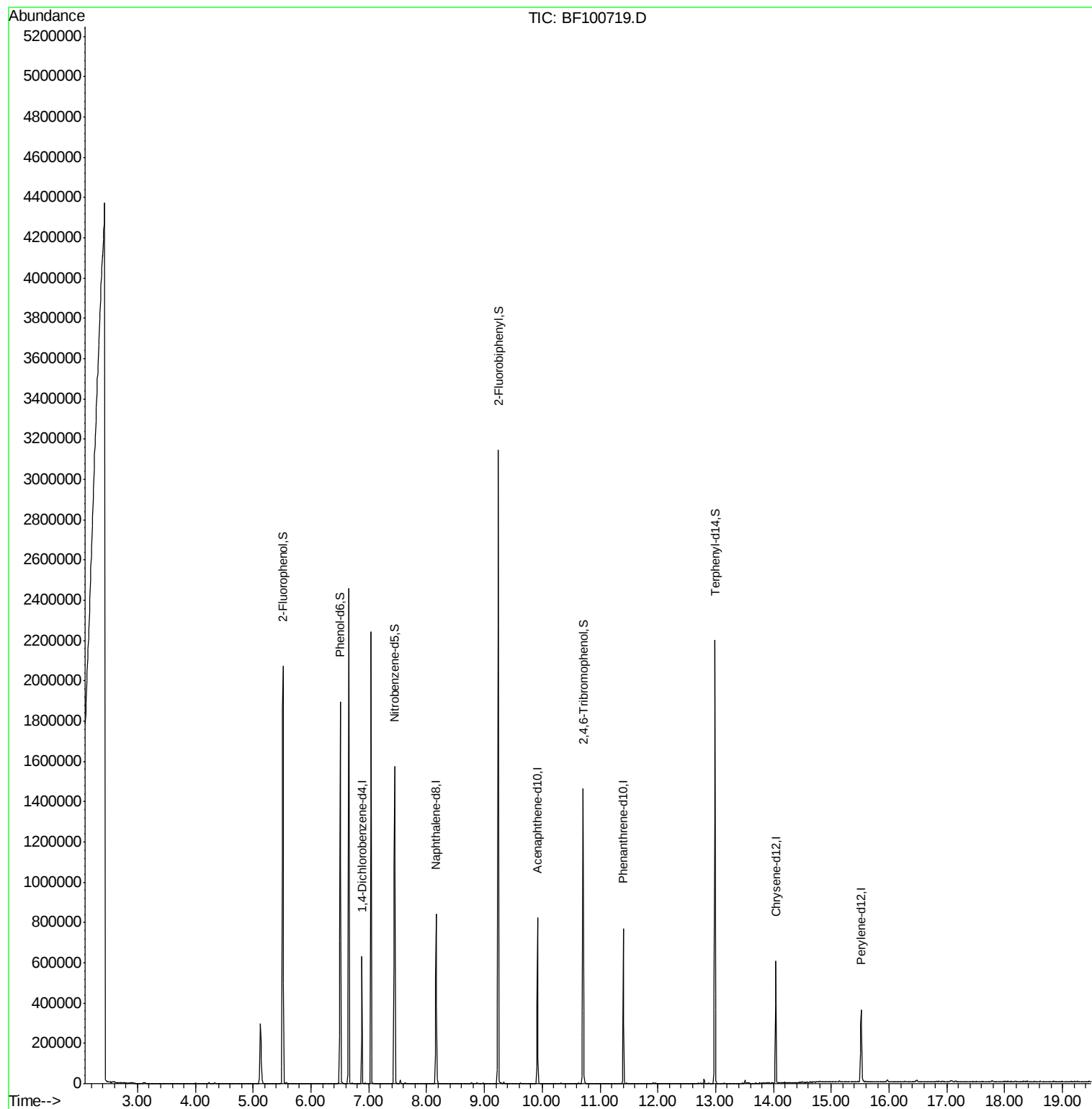
Target Compounds Qvalue

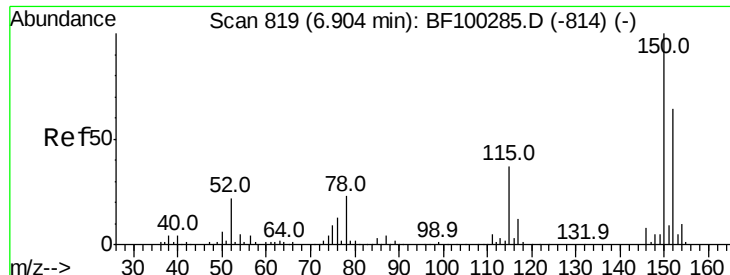
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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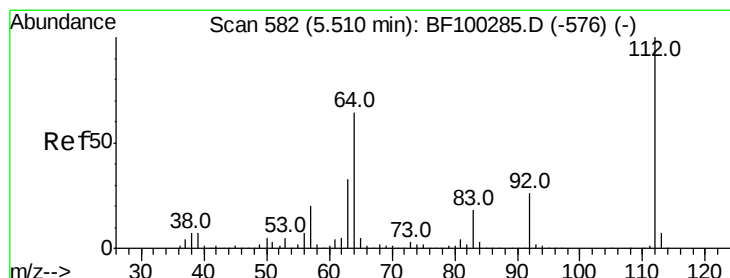
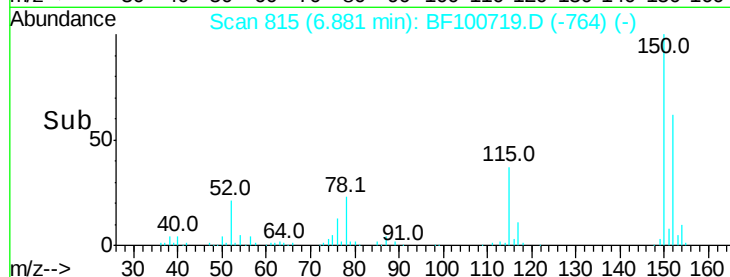
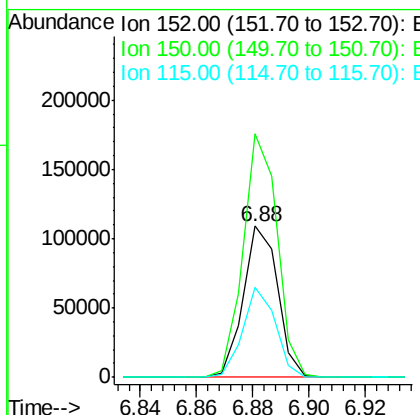
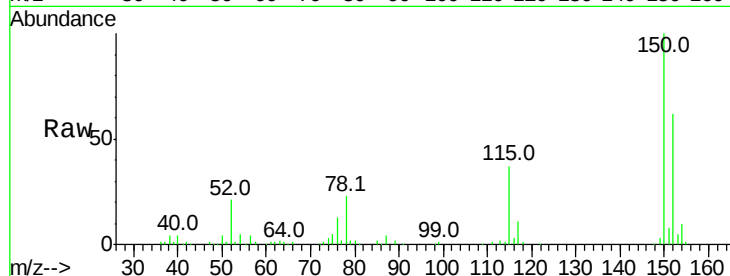




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF100719.D
 Acq: 18 Nov 2017 13:31

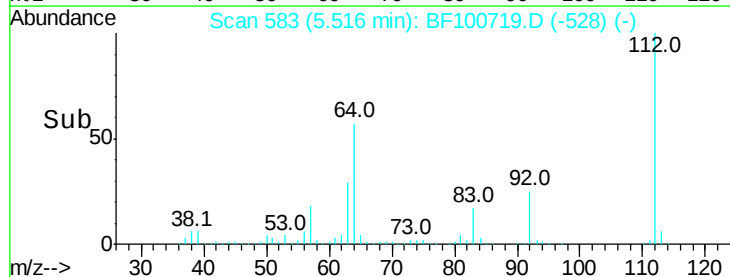
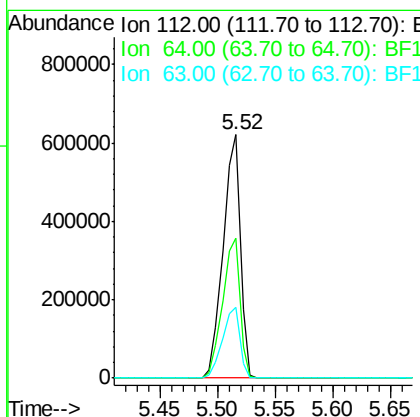
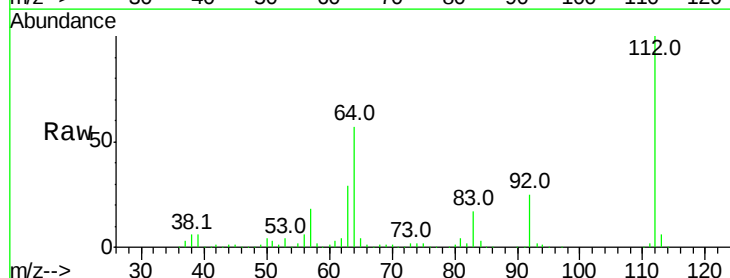
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion:152 Resp: 91888
 Ion Ratio Lower Upper
 152 100
 150 161.1 124.6 186.8
 115 59.6 50.1 75.1



#5
 2-Fluorophenol
 Concen: 112.737 ng
 RT: 5.52 min Scan# 583
 Delta R.T. 0.02 min
 Lab File: BF100719.D
 Acq: 18 Nov 2017 13:31

Tgt Ion:112 Resp: 646240
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.9 71.9
 63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 97.045 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100719.D

Acq: 18 Nov 2017 13:31

Instrument :

BNA_F

ClientSampleId :

WC-1

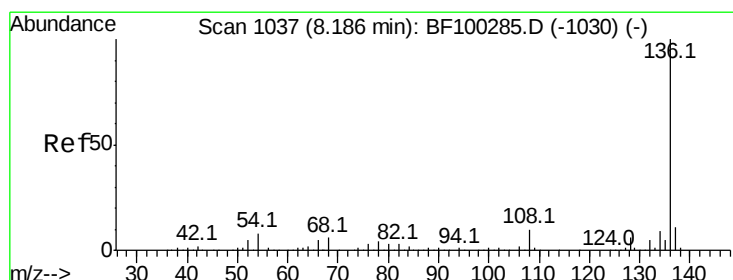
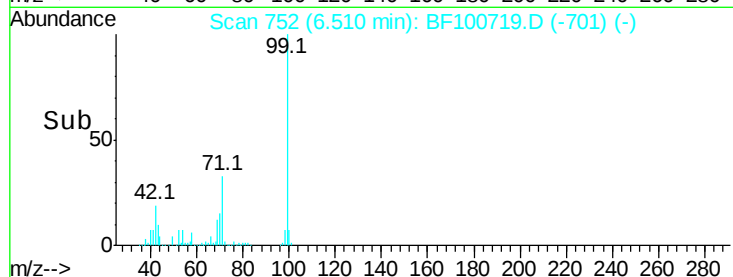
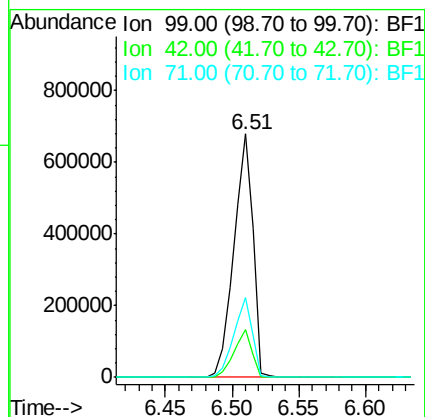
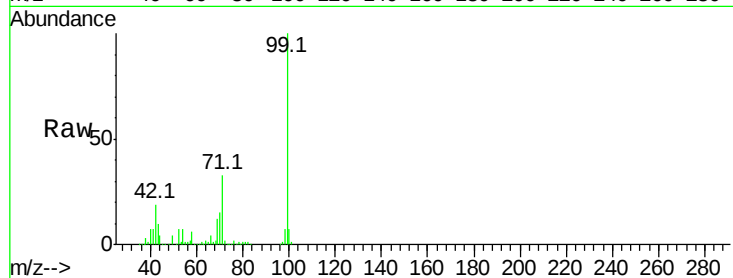
Tot Ion: 99 Resp: 685983

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.9 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: BF100719.D

Acq: 18 Nov 2017 13:31

Tgt Ion: 136 Resp: 358906

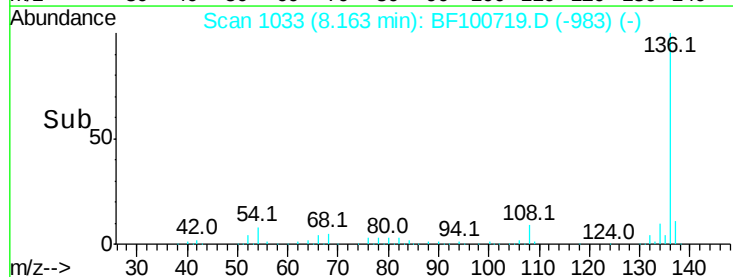
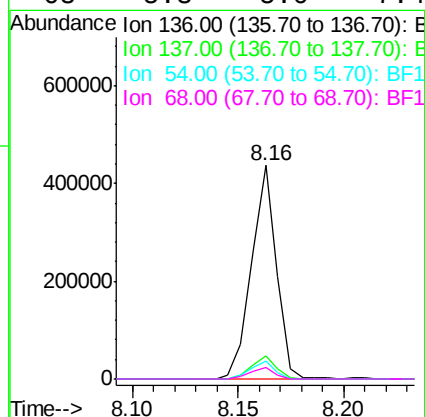
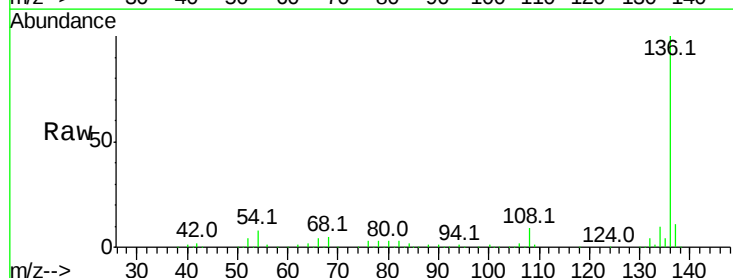
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.1 6.6 9.8

68 5.3 5.0 7.4

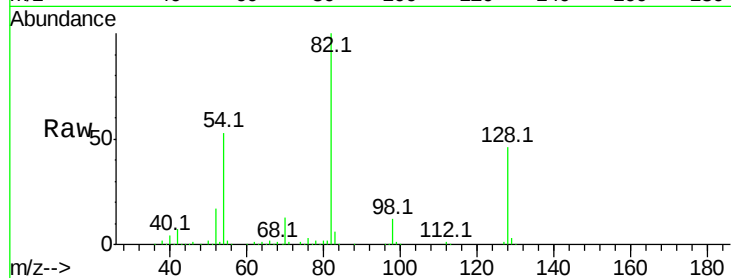




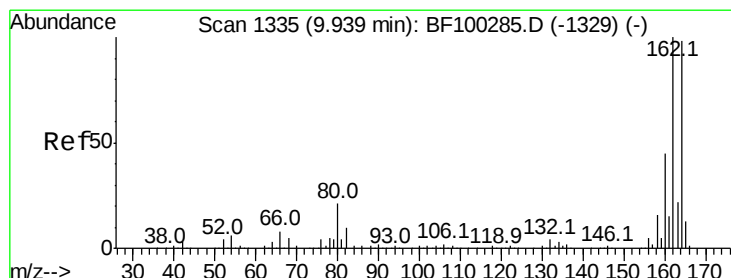
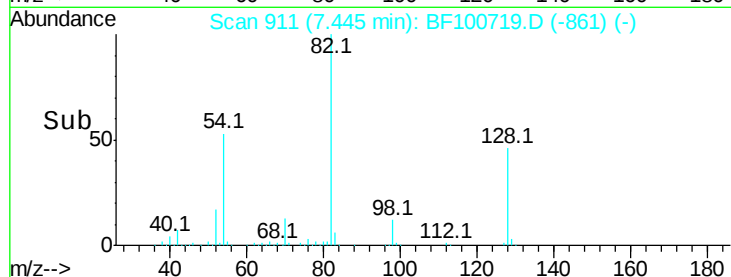
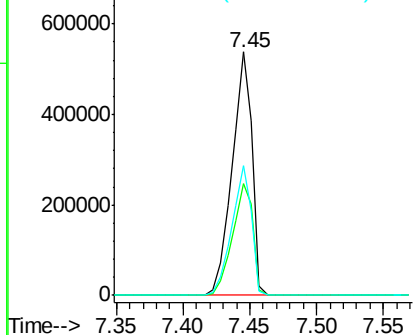
#23
Nitrobenzene-d5
Concen: 103.989 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100719.D
Acq: 18 Nov 2017 13:31

Instrument :
BNA_F
ClientSampleId :
WC-1

Tot Ion: 82 Resp: 564517
Ion Ratio Lower Upper
82 100
128 46.1 36.1 54.1
54 53.3 41.4 62.2

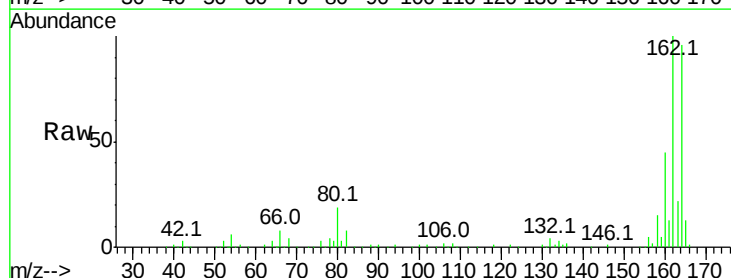


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

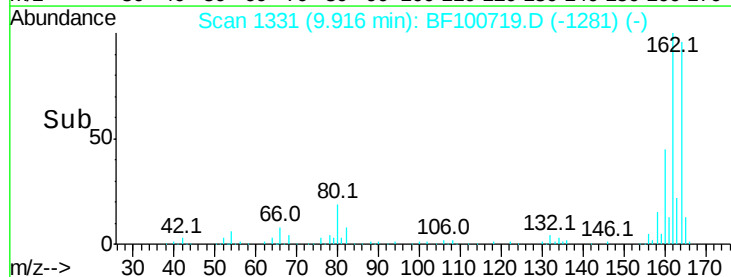
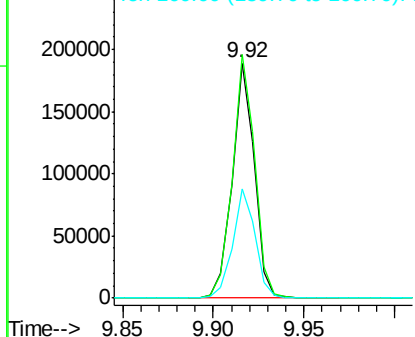


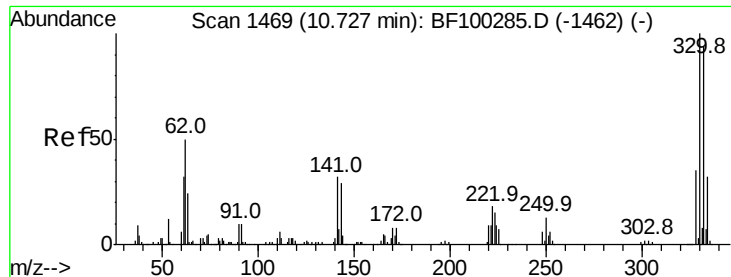
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF100719.D
Acq: 18 Nov 2017 13:31

Tgt Ion:164 Resp: 159921
Ion Ratio Lower Upper
164 100
162 103.7 86.1 129.1
160 46.5 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

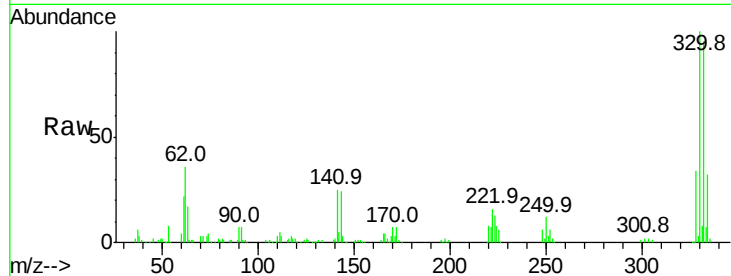




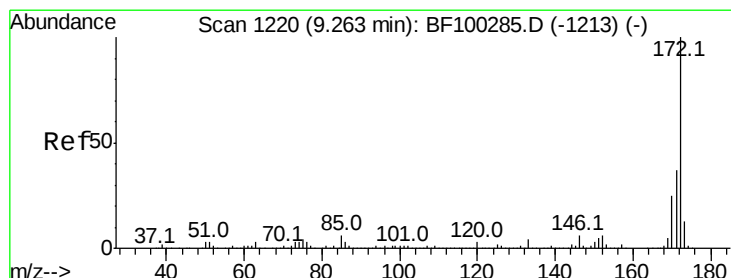
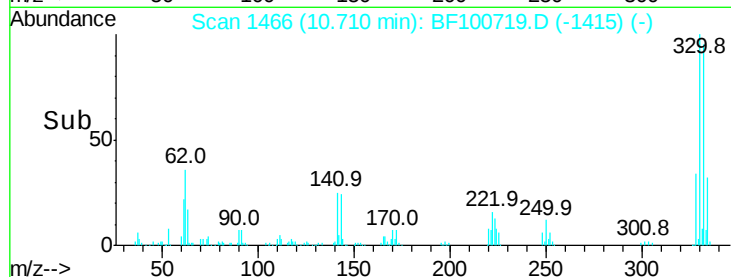
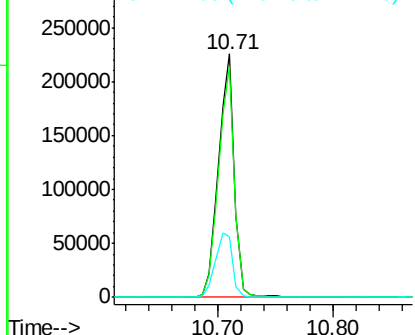
#41
 2,4,6-Tribromophenol
 Concen: 131.819 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100719.D
 Acq: 18 Nov 2017 13:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tot Ion:330 Resp: 214812
 Ion Ratio Lower Upper
 330 100
 332 95.5 77.0 115.6
 141 29.1 29.9 44.9#

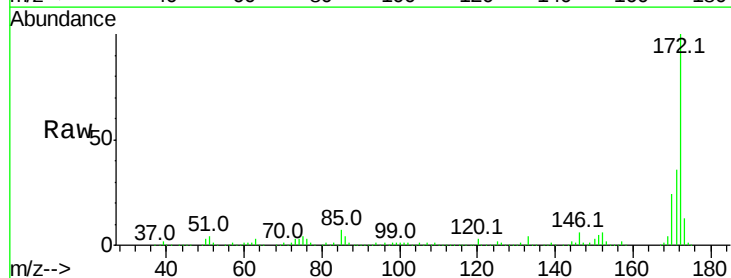


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

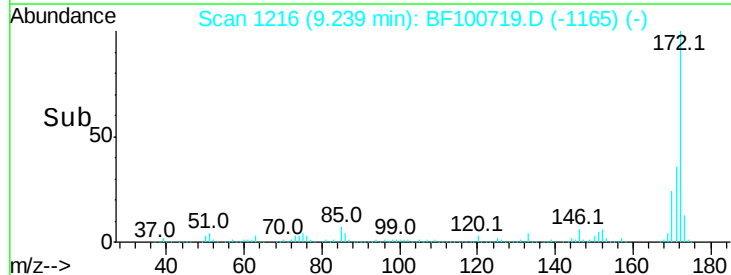
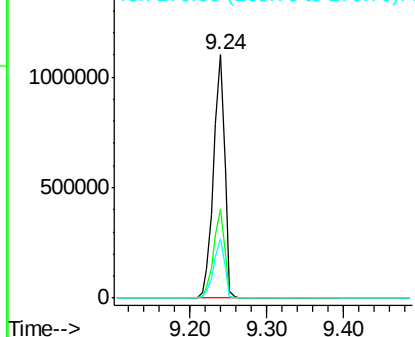


#44
 2-Fluorobiphenyl
 Concen: 102.672 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100719.D
 Acq: 18 Nov 2017 13:31

Tgt Ion:172 Resp: 1078297
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

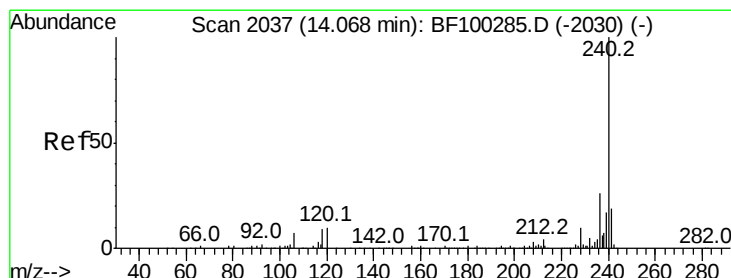
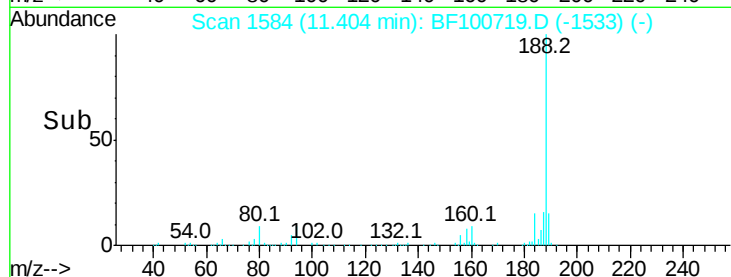
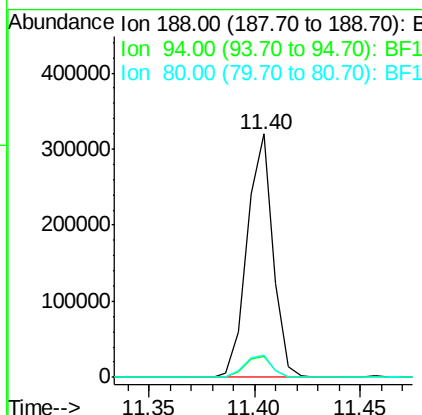
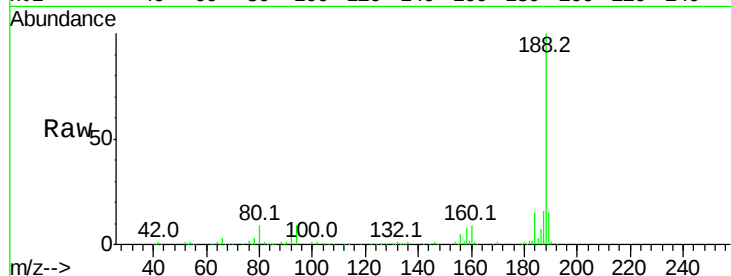




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100719.D
Acq: 18 Nov 2017 13:31

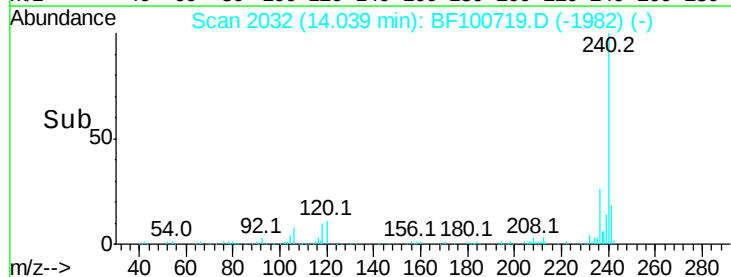
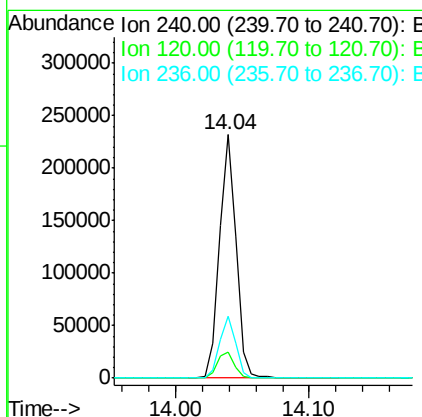
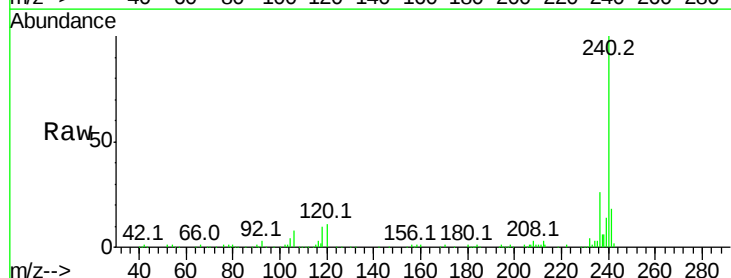
Instrument :
BNA_F
ClientSampled :
WC-1

Tot Ion:188 Resp: 272027
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.4 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: BF100719.D
Acq: 18 Nov 2017 13:31

Tgt Ion:240 Resp: 205475
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 25.6 20.7 31.1





#78

Terphenyl-d14

Concen: 98.749 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF100719.D

Acq: 18 Nov 2017 13:31

Instrument :

BNA_F

ClientSampled :

WC-1

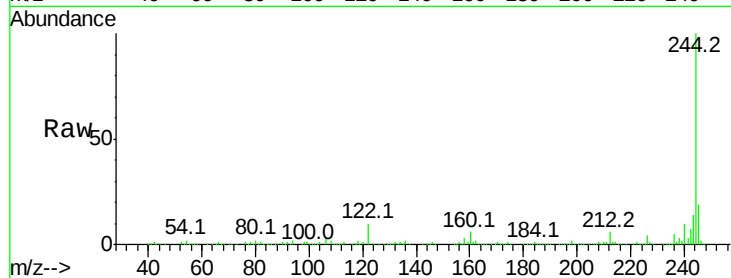
Tot Ion:244 Resp: 883075

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

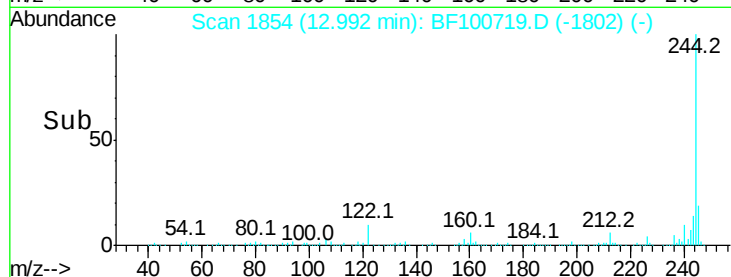
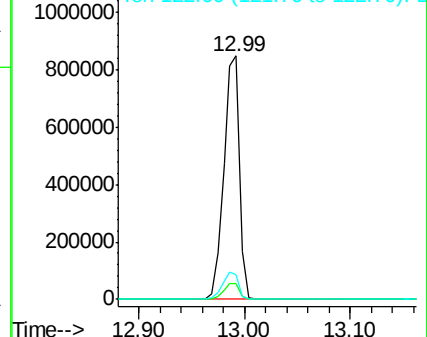
122 10.0 11.0 16.4#



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: 15.52 min Scan# 2283

Delta R.T. 0.00 min

Lab File: BF100719.D

Acq: 18 Nov 2017 13:31

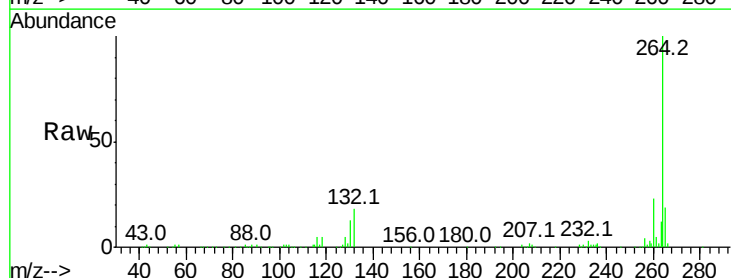
Tgt Ion:264 Resp: 182159

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 19.1 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

