

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100723.D
 Acq On : 18 Nov 2017 15:18
 Operator : SJ/JU
 Sample : I6517-03
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HP-WC(COMP)

Quant Time: Nov 20 04:25:47 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	93214	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	363893	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	159104	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	278643	20.00	ng	0.00
75) Chrysene-d12	14.04	240	198667	20.00	ng	0.00
86) Perylene-d12	15.52	264	179104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	628607	108.10	ng	0.02
7) Phenol-d6	6.51	99	689143	96.11	ng	0.00
23) Nitrobenzene-d5	7.45	82	551610	100.22	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	212939	131.34	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1054153	100.89	ng	0.00
78) Terphenyl-d14	12.99	244	860465	99.52	ng	0.00

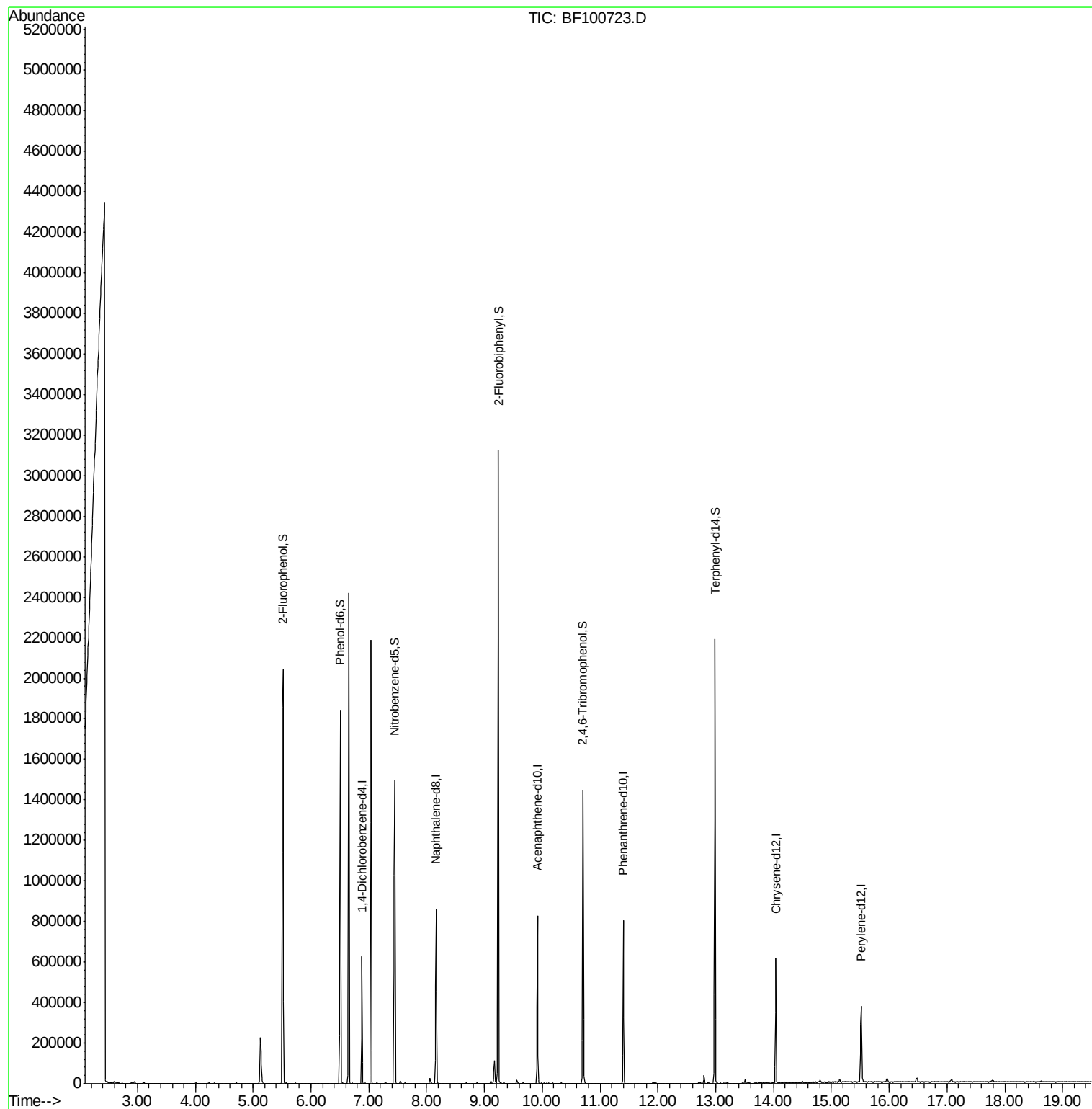
Target Compounds Qvalue

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

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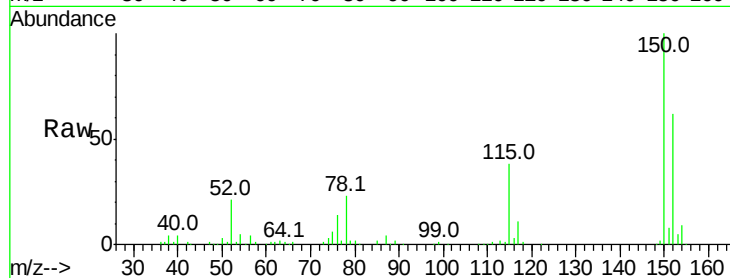


#1

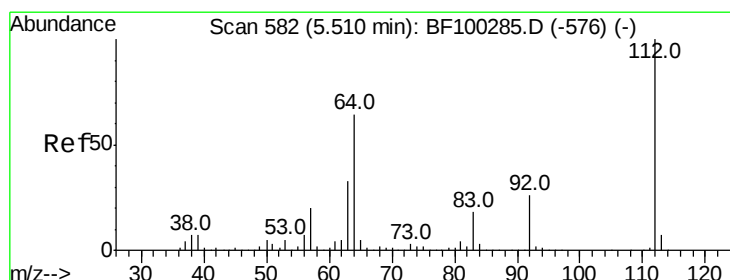
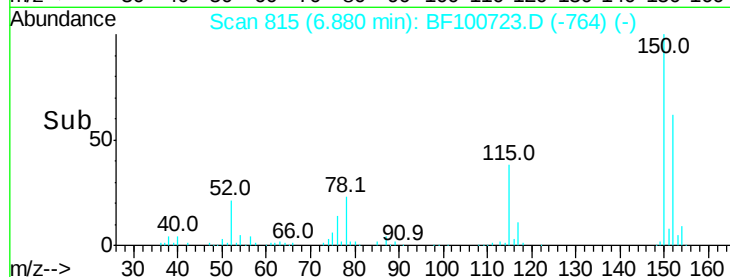
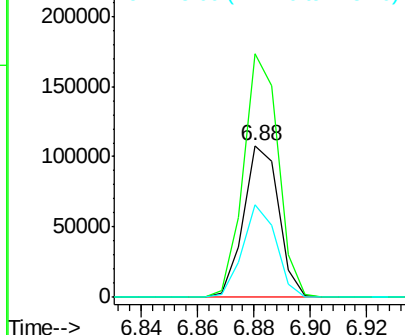
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF100723.D
Acq: 18 Nov 2017 15:18

Instrument :
BNA_F
ClientSampleId :
HP-WC(COMP)

Tot Ion:152 Resp: 93214
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 61.1 50.1 75.1



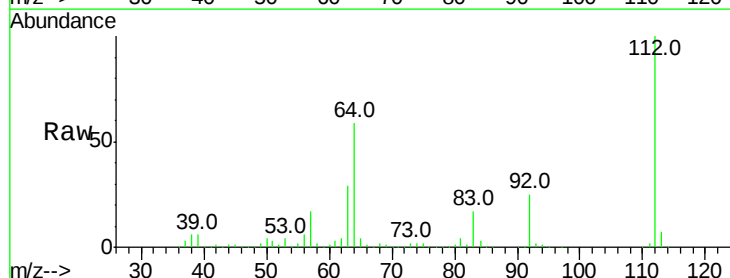
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



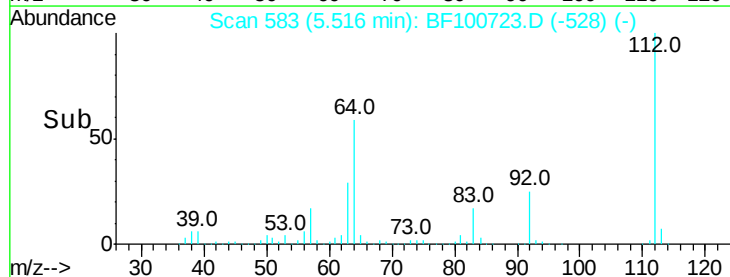
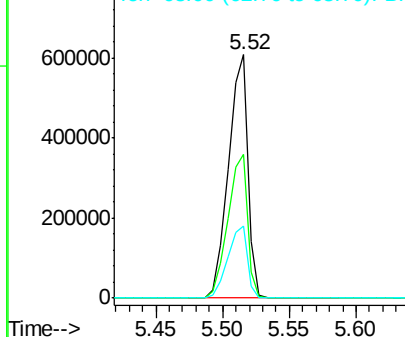
#5

2-Fluorophenol
Concen: 108.101 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.02 min
Lab File: BF100723.D
Acq: 18 Nov 2017 15:18

Tgt Ion:112 Resp: 628607
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 29.4 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: 96.106 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF100723.D

Acq: 18 Nov 2017 15:18

Instrument :

BNA_F

ClientSampleId :

HP-WC(COMP)

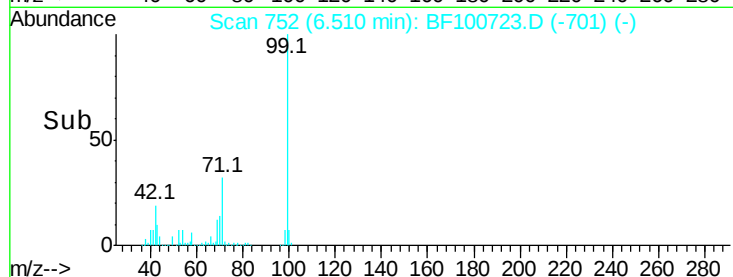
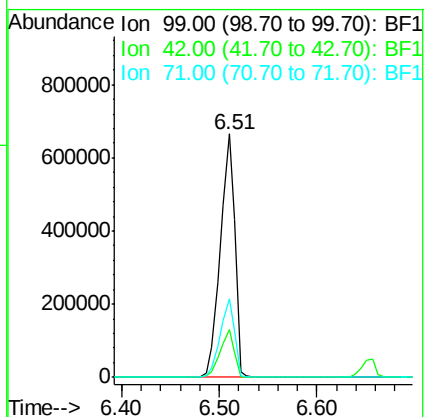
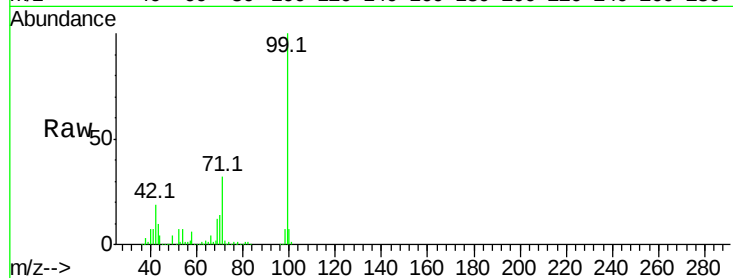
Tot Ion: 99 Resp: 689143

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

71 32.5 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: BF100723.D

Acq: 18 Nov 2017 15:18

Tgt Ion: 136 Resp: 363893

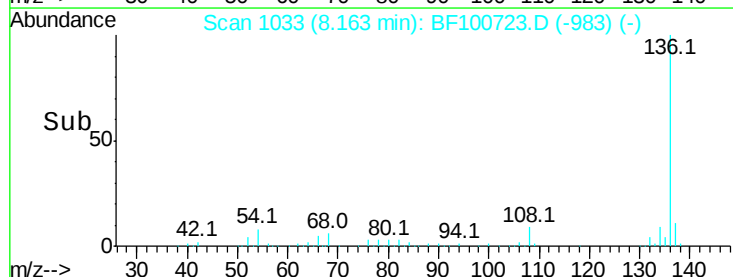
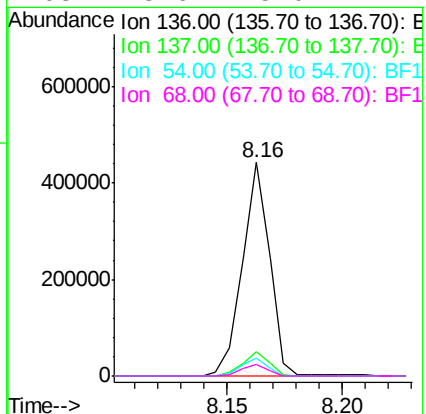
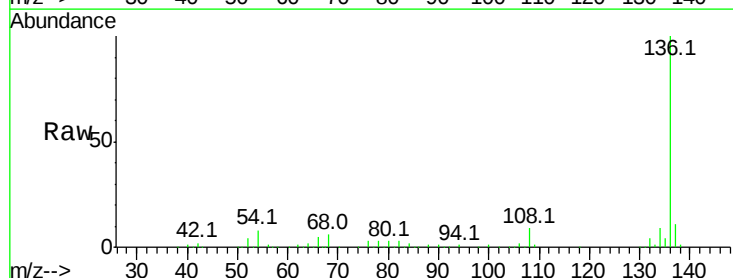
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.3 6.6 9.8

68 5.6 5.0 7.4

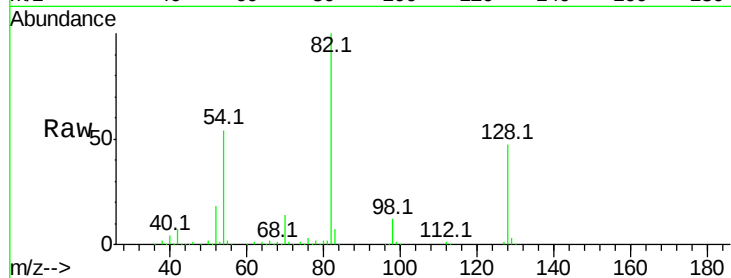




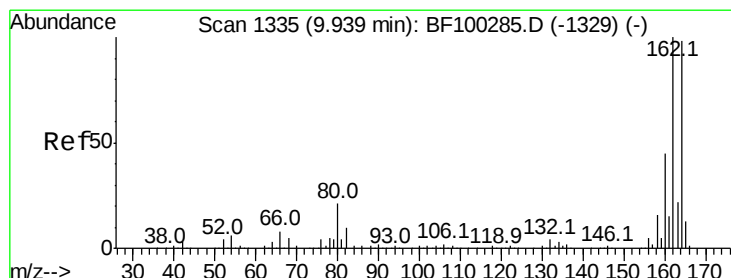
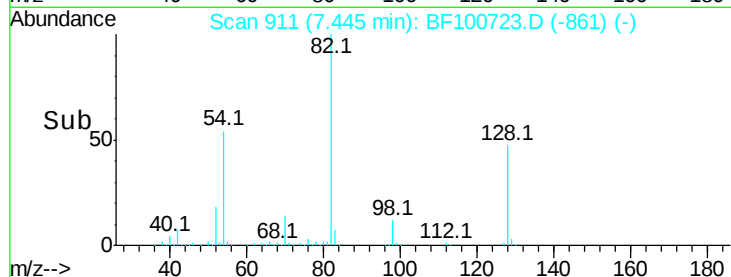
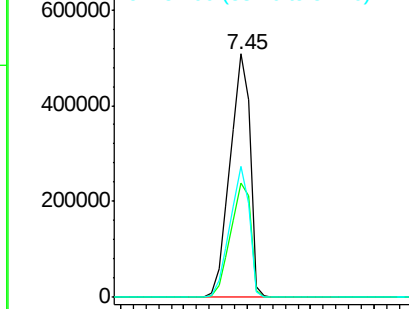
#23
 Nitrobenzene-d5
 Concen: 100.218 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF100723.D
 Acq: 18 Nov 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 HP-WC(COMP)

Tot Ion: 82 Resp: 551610
 Ion Ratio Lower Upper
 82 100
 128 46.7 36.1 54.1
 54 53.9 41.4 62.2

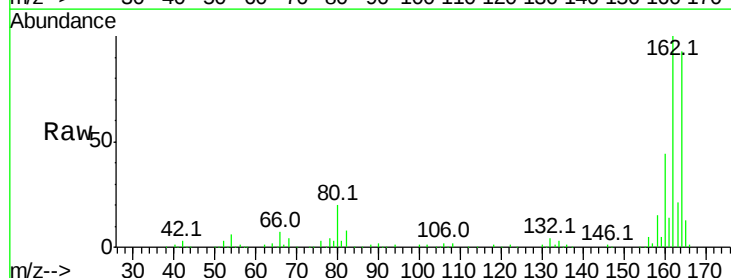


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

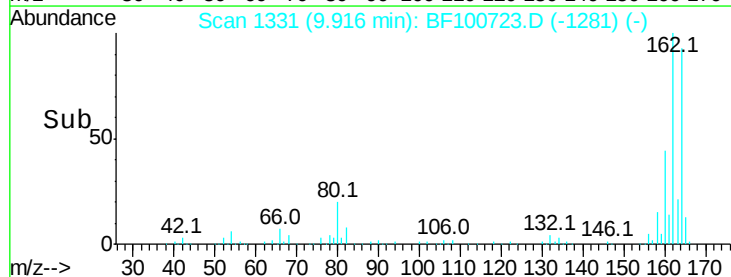
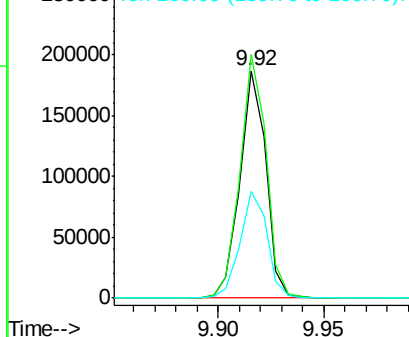


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100723.D
 Acq: 18 Nov 2017 15:18

Tgt Ion:164 Resp: 159104
 Ion Ratio Lower Upper
 164 100
 162 107.1 86.1 129.1
 160 46.7 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

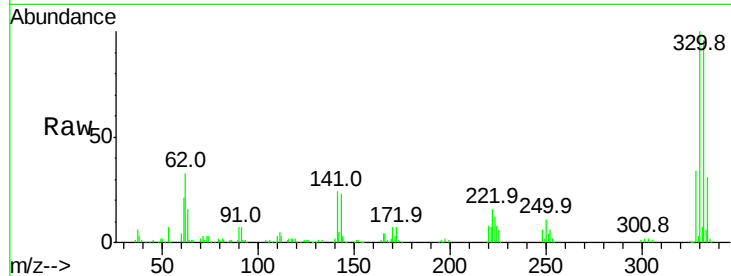




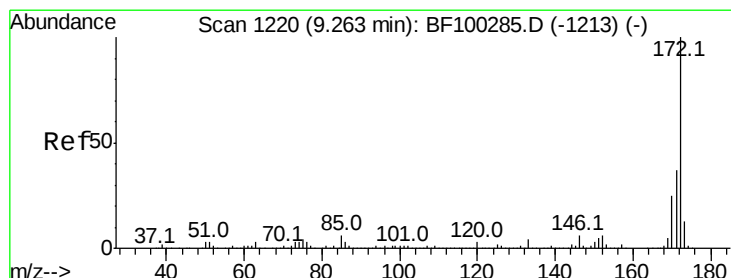
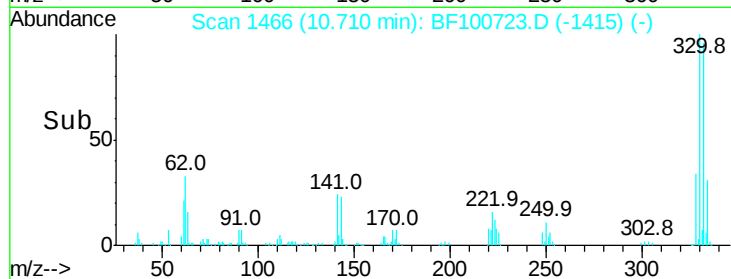
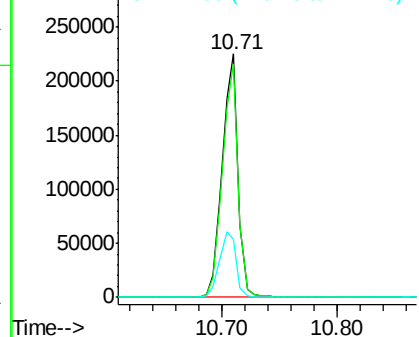
#41
 2,4,6-Tribromophenol
 Concen: 131.341 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF100723.D
 Acq: 18 Nov 2017 15:18

Instrument :
 BNA_F
 ClientSampleId :
 HP-WC(COMP)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	28.5	29.9	44.9#

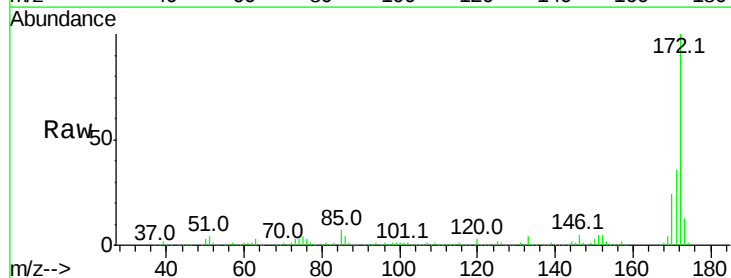


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

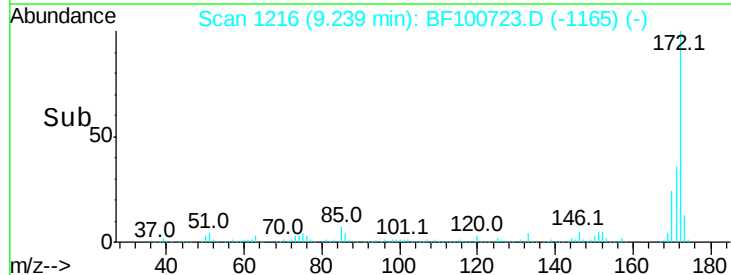
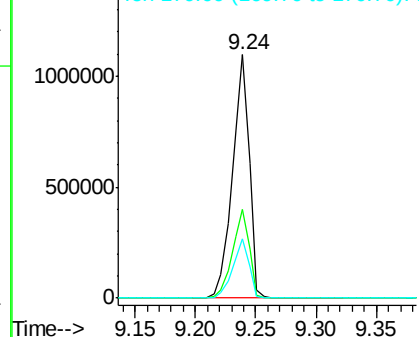


#44
 2-Fluorobiphenyl
 Concen: 100.888 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: BF100723.D
 Acq: 18 Nov 2017 15:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.1	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

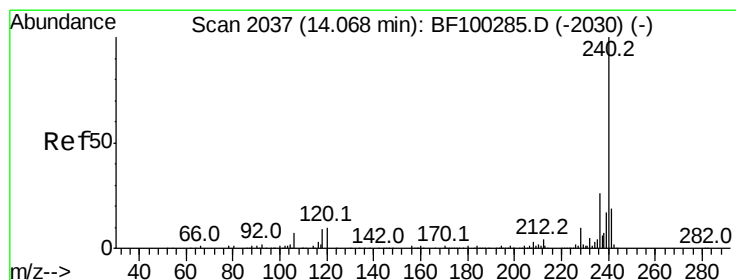
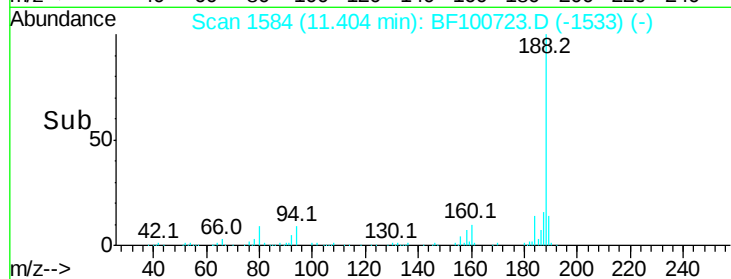
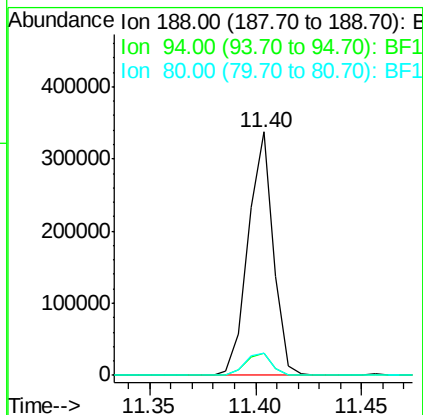
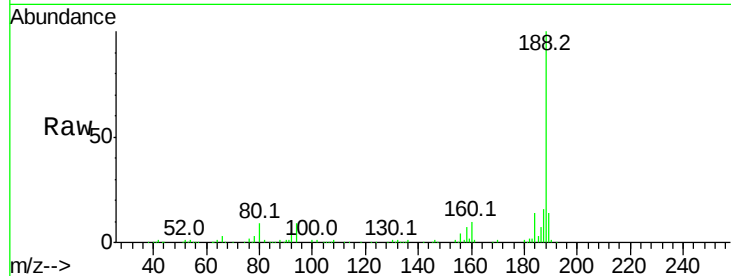




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.00 min
Lab File: BF100723.D
Acq: 18 Nov 2017 15:18

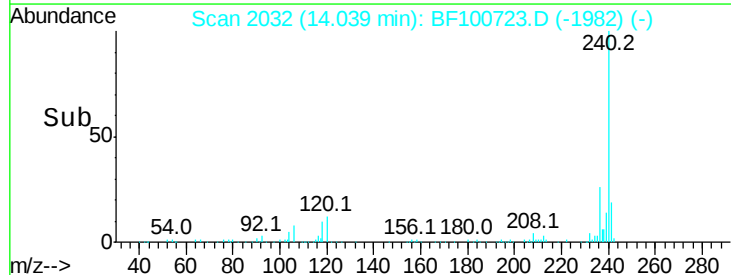
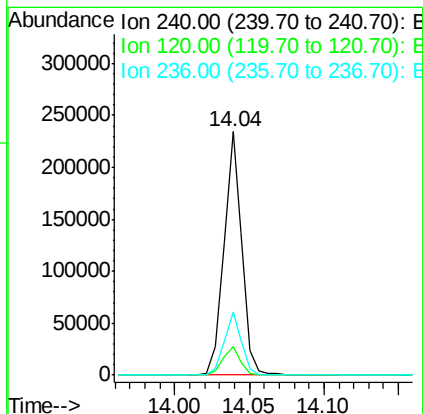
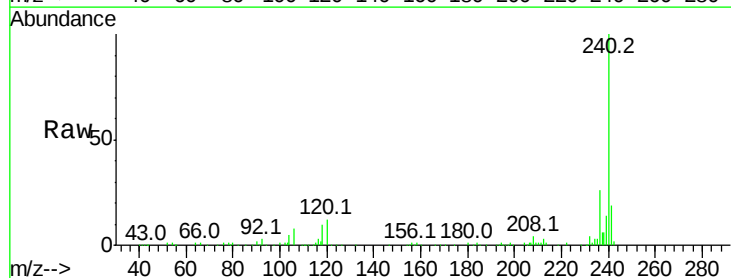
Instrument :
BNA_F
ClientSampleId :
HP-WC(COMP)

Tot Ion:188 Resp: 278643
Ion Ratio Lower Upper
188 100
94 8.9 8.5 12.7
80 9.0 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: BF100723.D
Acq: 18 Nov 2017 15:18

Tgt Ion:240 Resp: 198667
Ion Ratio Lower Upper
240 100
120 11.6 9.5 14.3
236 26.0 20.7 31.1





#78

Terphenyl-d14

Concen: 99.518 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.01 min

Lab File: BF100723.D

Acq: 18 Nov 2017 15:18

Instrument :

BNA_F

ClientSampleId :

HP-WC(COMP)

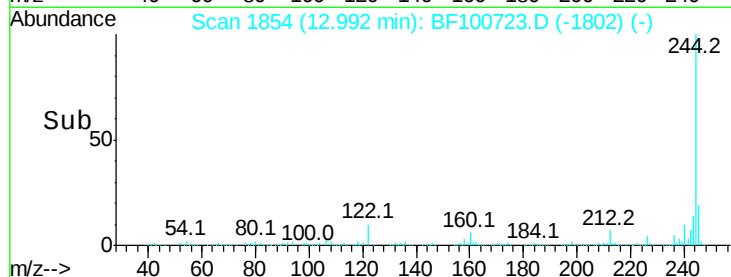
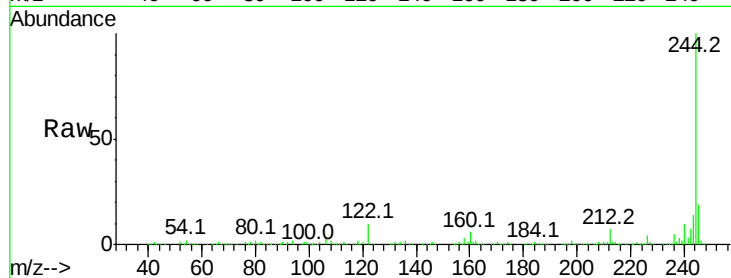
Tot Ion:244 Resp: 860465

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

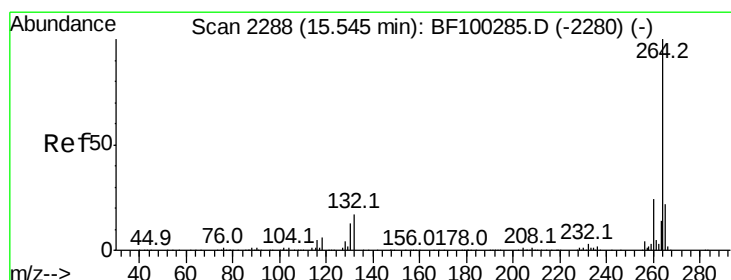
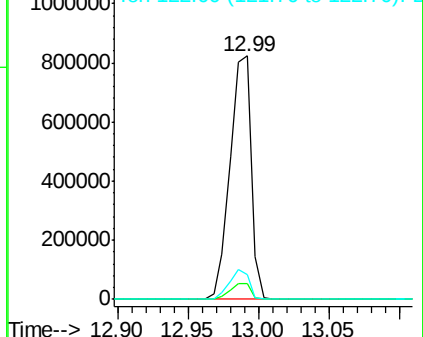
122 10.0 11.0 16.4#



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: BF100723.D

Acq: 18 Nov 2017 15:18

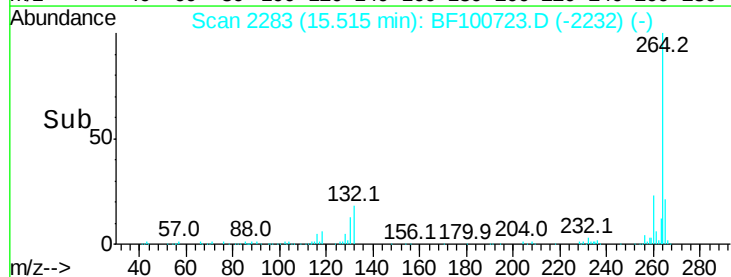
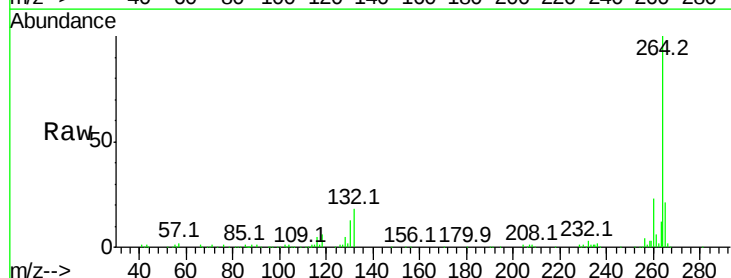
Tgt Ion:264 Resp: 179104

Ion Ratio Lower Upper

264 100

260 23.4 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

