

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111717\
 Data File : BF100722.D
 Acq On : 18 Nov 2017 14:51
 Operator : SJ/JU
 Sample : I6521-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

Quant Time: Nov 20 04:22:37 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

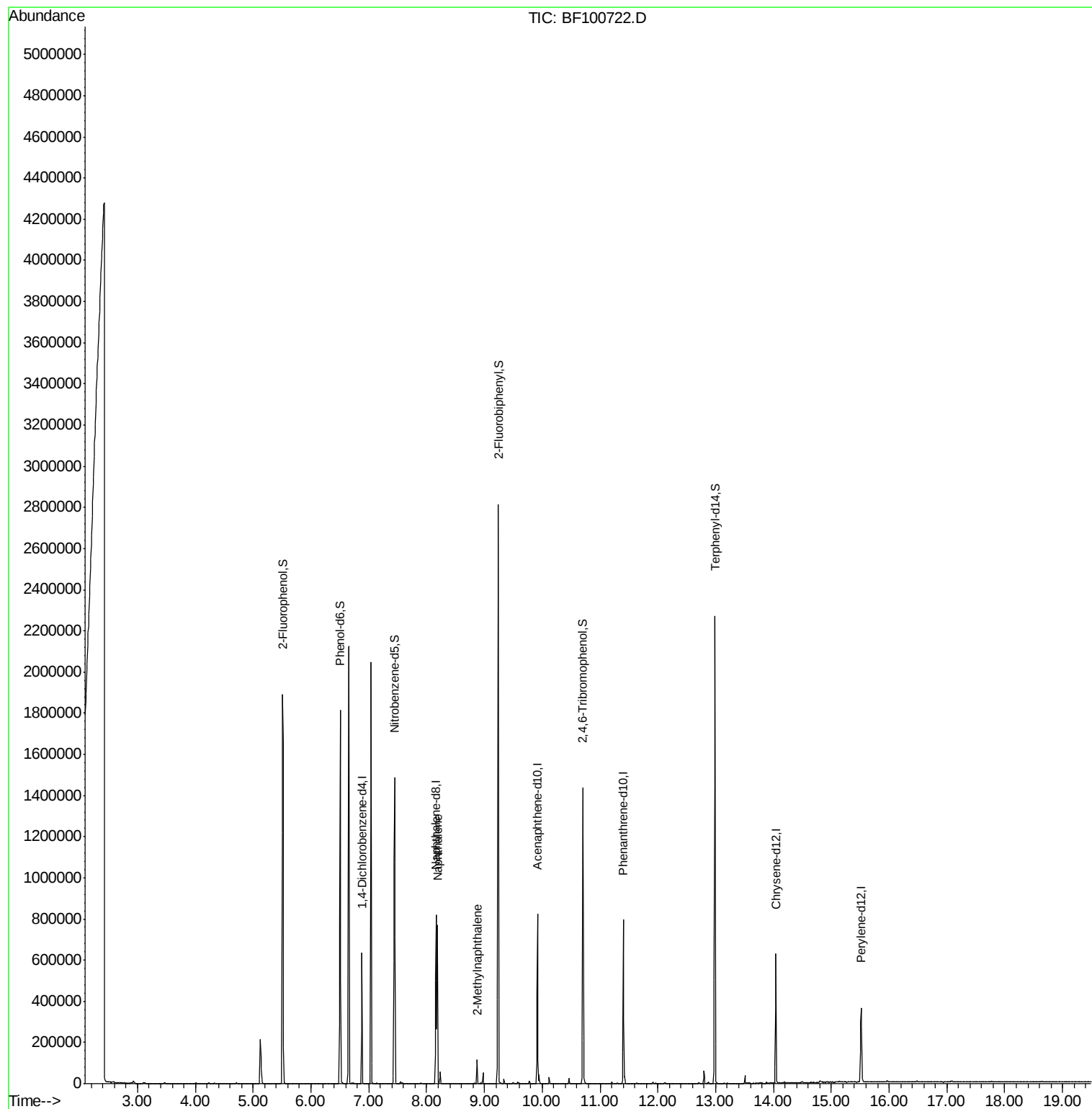
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	91581	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	358314	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	159219	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	279995	20.00	ng	0.00
75) Chrysene-d12	14.04	240	208324	20.00	ng	0.00
86) Perylene-d12	15.52	264	178642	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	593007	103.80	ng	0.02
7) Phenol-d6	6.51	99	623082	88.44	ng	0.00
23) Nitrobenzene-d5	7.45	82	504242	93.04	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	198263	122.20	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	980257	93.75	ng	0.00
78) Terphenyl-d14	12.99	244	834593	92.05	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	351048	20.341	ng	98
37) 2-Methylnaphthalene	8.87	142	31437	2.744	ng	92

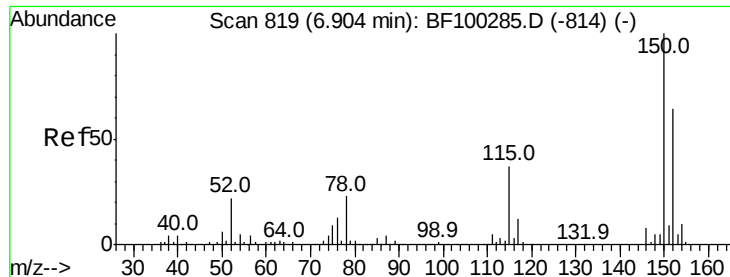
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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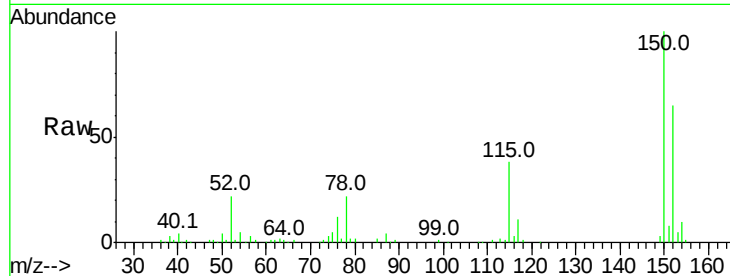


#1

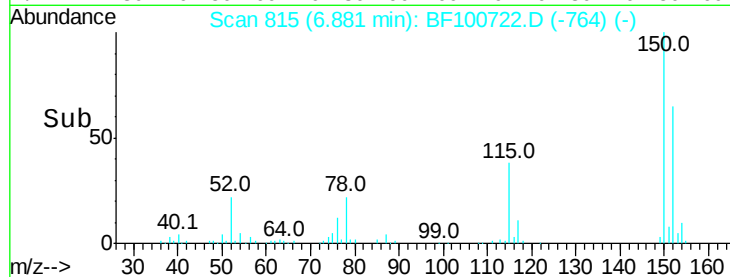
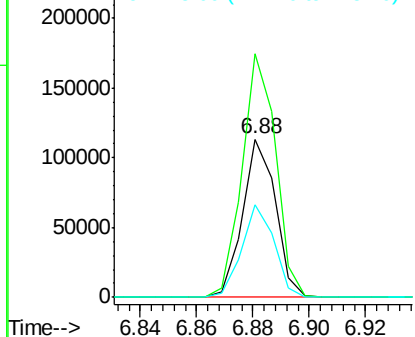
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.88 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

Tot Ion:152 Resp: 91581
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 58.7 50.1 75.1



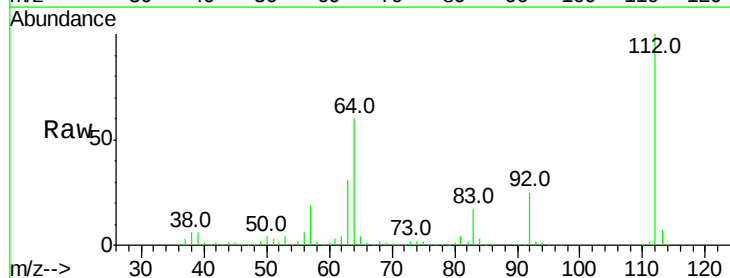
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



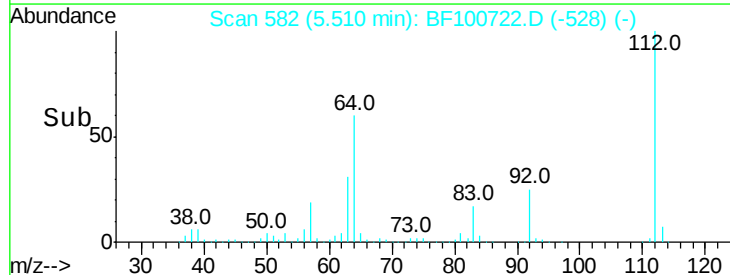
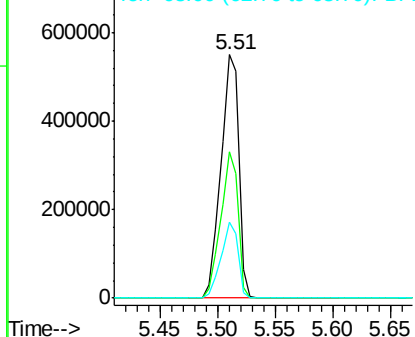
#5

2-Fluorophenol
 Concen: 103.797 ng
 RT: 5.51 min Scan# 582
 Delta R.T. 0.02 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion:112 Resp: 593007
 Ion Ratio Lower Upper
 112 100
 64 60.1 47.9 71.9
 63 31.0 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: 88.442 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF100722.D

Acq: 18 Nov 2017 14:51

Instrument :

BNA_F

ClientSampleId :

TP-1-(0-5)

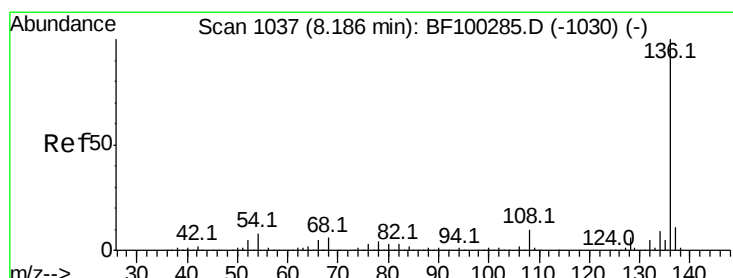
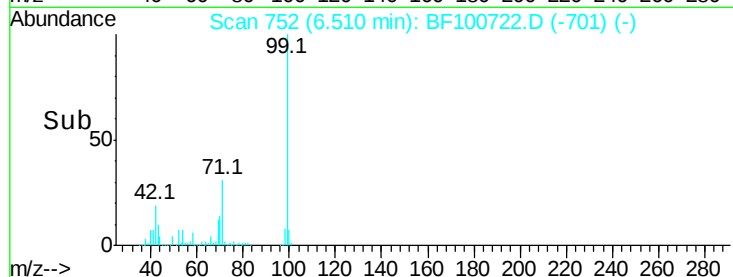
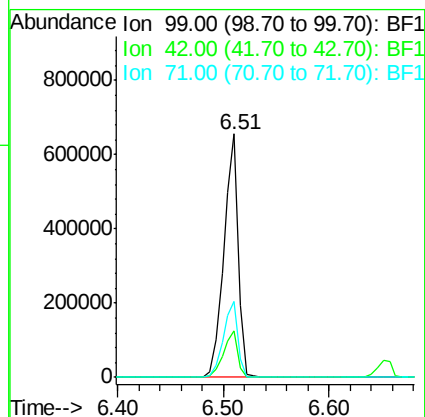
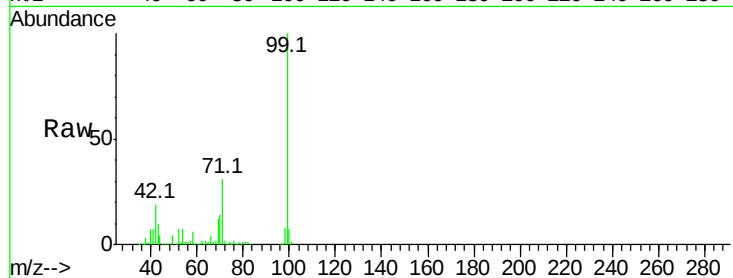
Tot Ion: 99 Resp: 623082

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 31.4 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: BF100722.D

Acq: 18 Nov 2017 14:51

Tgt Ion: 136 Resp: 358314

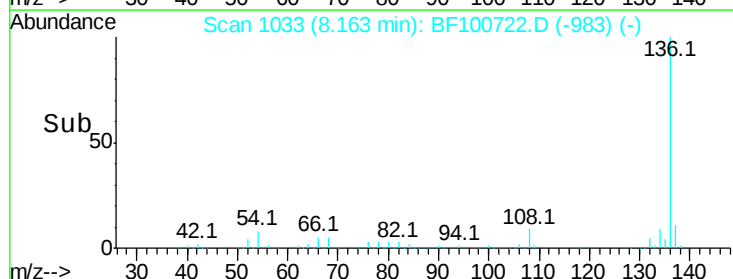
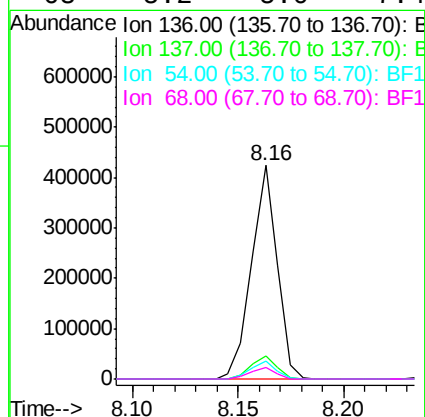
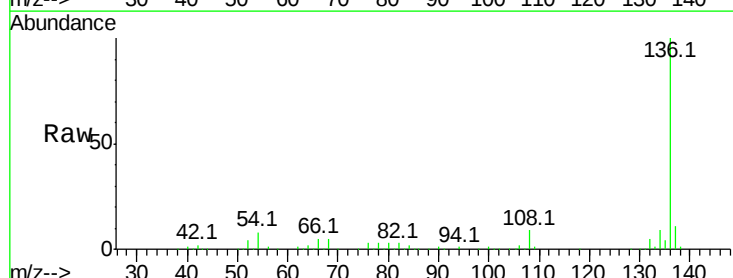
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.2 6.6 9.8

68 5.2 5.0 7.4

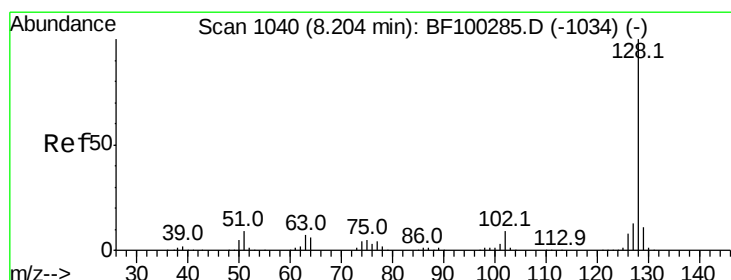
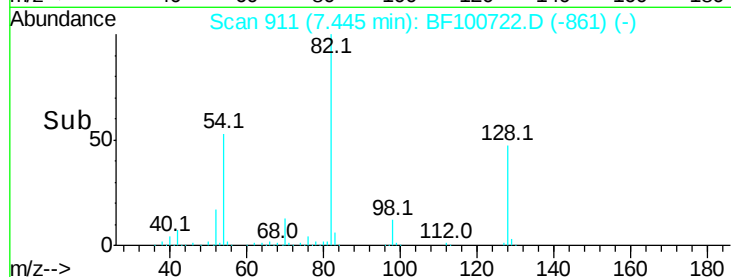
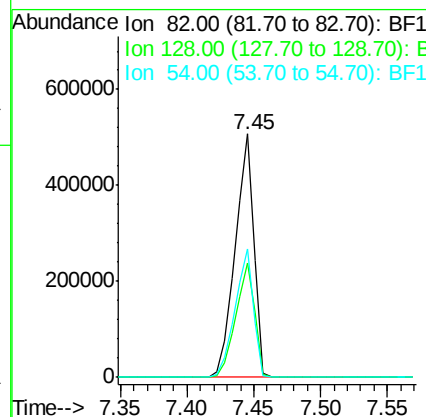
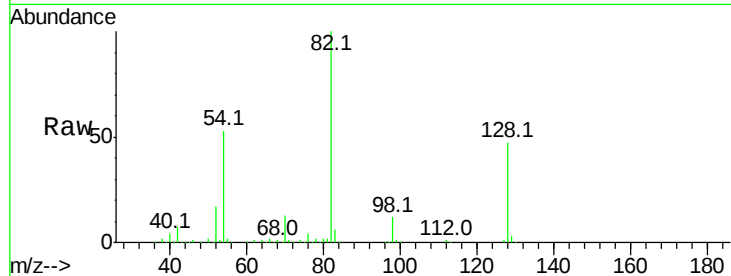




#23
Nitrobenzene-d5
Concen: 93.039 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100722.D
Acq: 18 Nov 2017 14:51

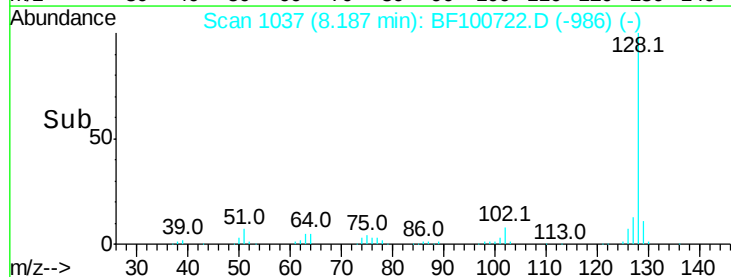
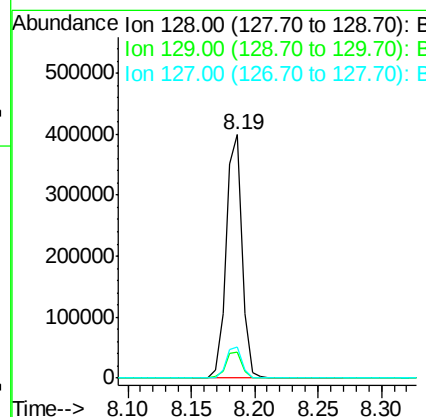
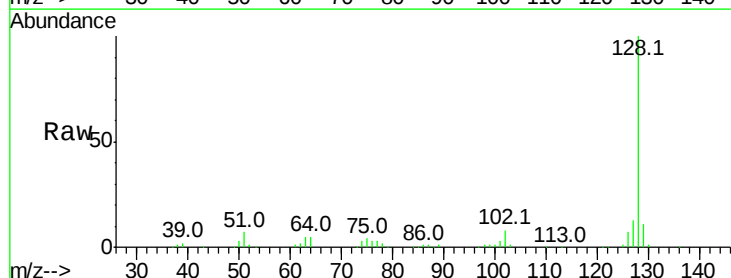
Instrument :
BNA_F
ClientSampleId :
TP-1-(0-5)

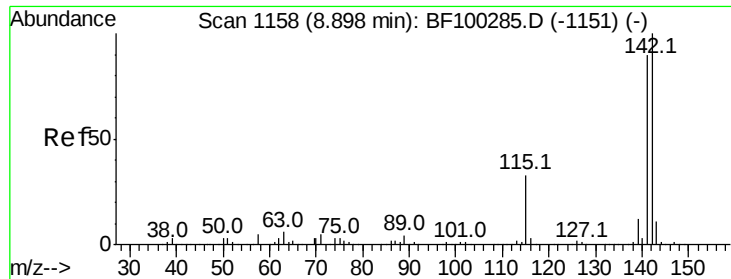
Tot Ion: 82 Resp: 504242
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 52.8 41.4 62.2



#31
Naphthalene
Concen: 20.341 ng
RT: 8.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF100722.D
Acq: 18 Nov 2017 14:51

Tgt Ion: 128 Resp: 351048
Ion Ratio Lower Upper
128 100
129 10.5 8.8 13.2
127 12.8 10.9 16.3

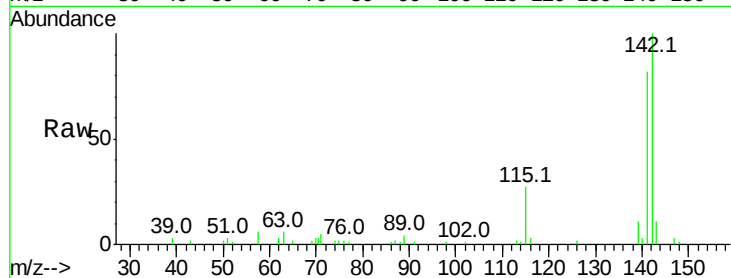




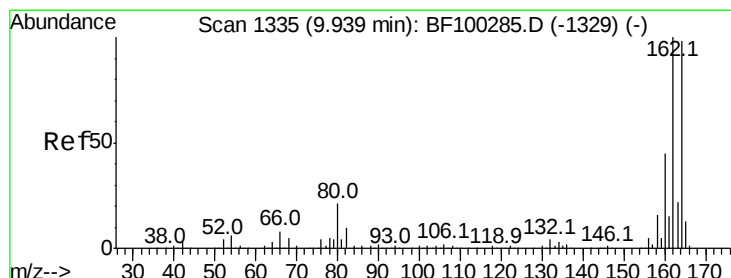
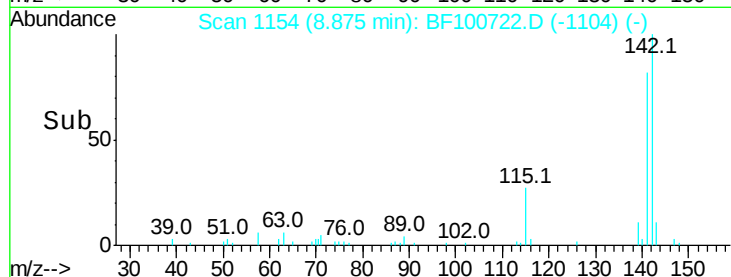
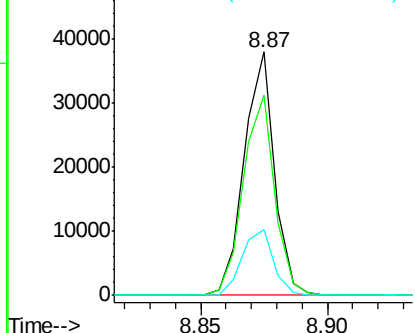
#37
 2-Methylnaphthalene
 Concen: 2.744 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

Tot Ion:142 Resp: 31437
 Ion Ratio Lower Upper
 142 100
 141 82.3 70.8 106.2
 115 27.1 26.1 39.1

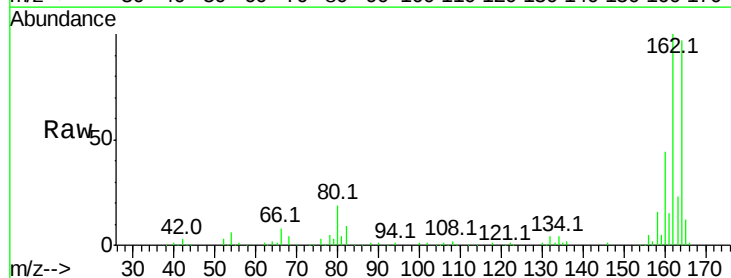


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

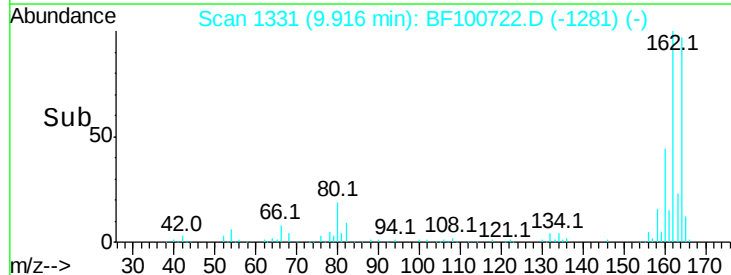
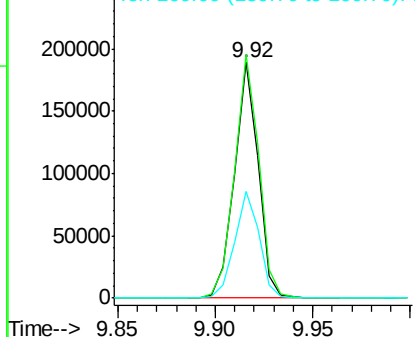


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion:164 Resp: 159219
 Ion Ratio Lower Upper
 164 100
 162 103.4 86.1 129.1
 160 45.3 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

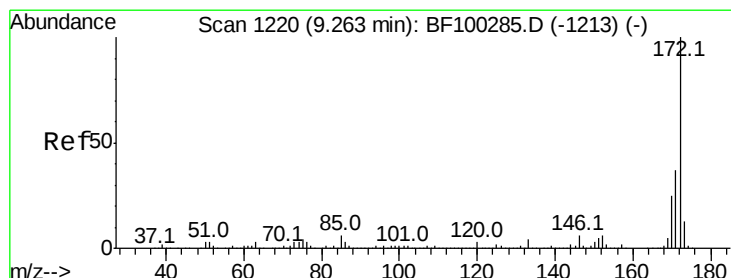
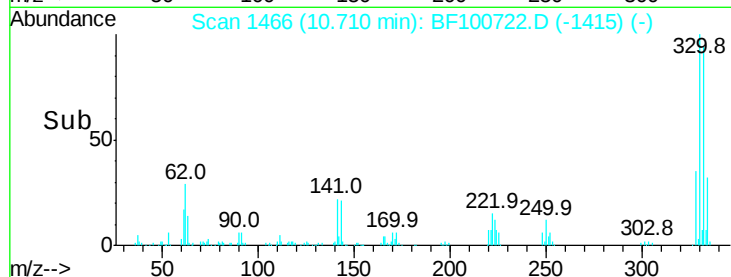
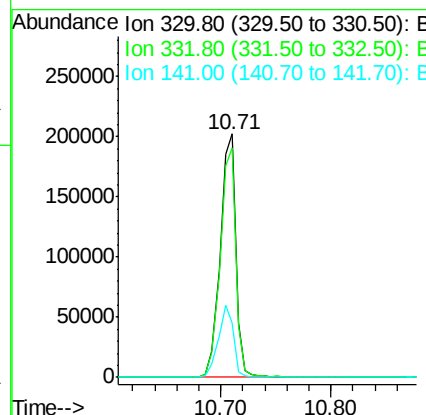
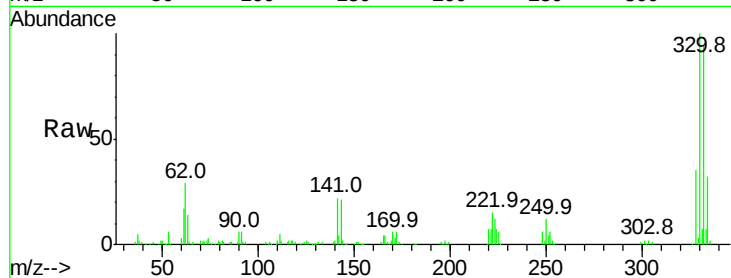




#41
 2,4,6-Tribromophenol
 Concen: 122.200 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

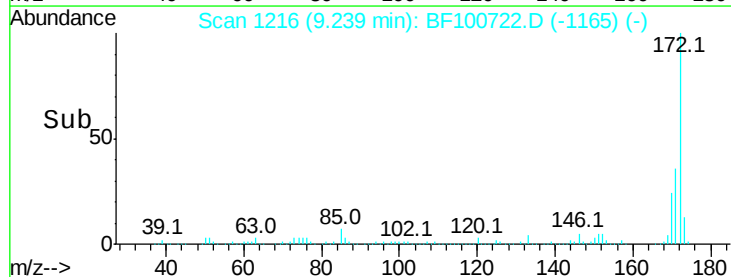
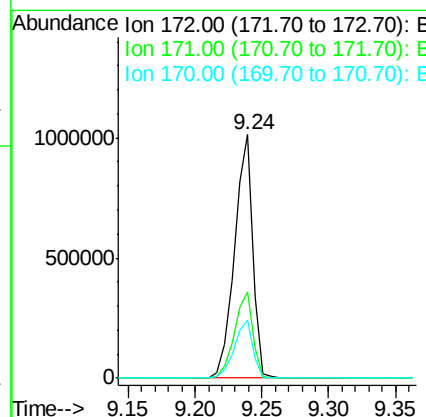
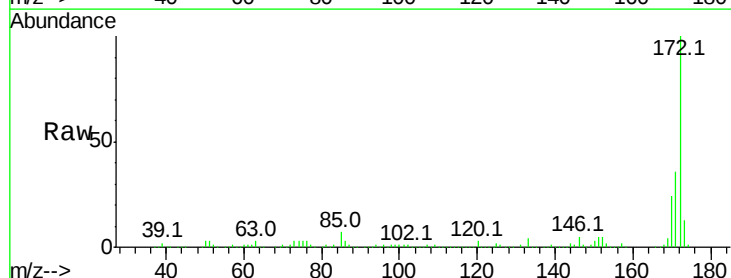
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-(0-5)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	28.4	29.9	44.9#



#44
 2-Fluorobiphenyl
 Concen: 93.748 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.00 min
 Lab File: BF100722.D
 Acq: 18 Nov 2017 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.7	44.5
170	23.6	19.6	29.4

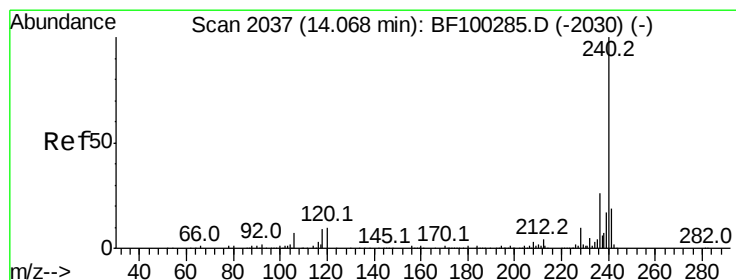
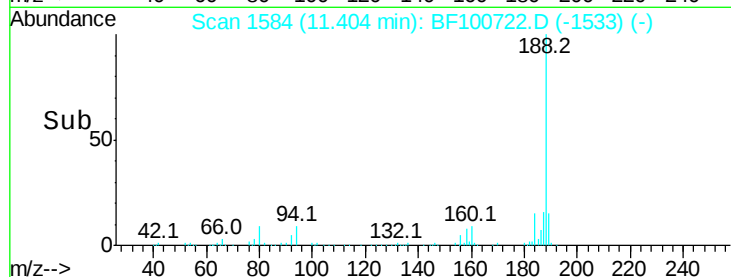
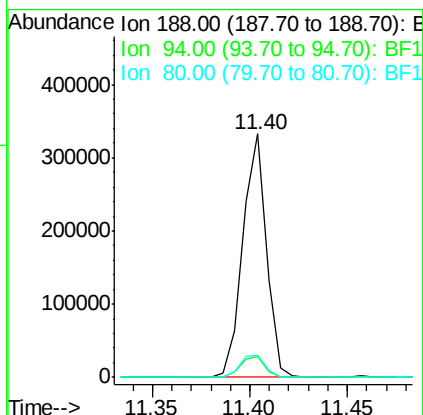
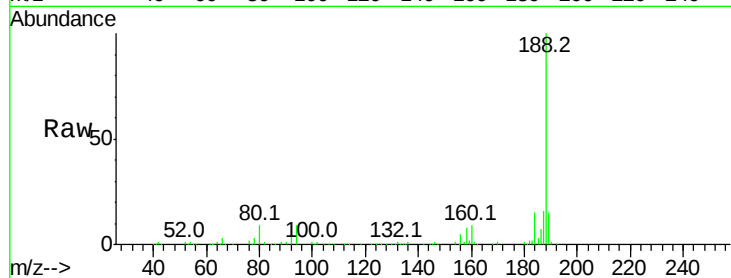




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF100722.D
Acq: 18 Nov 2017 14:51

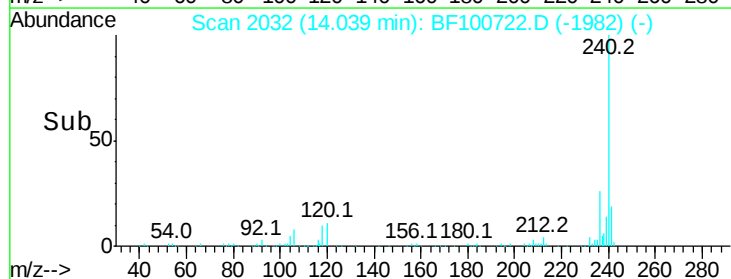
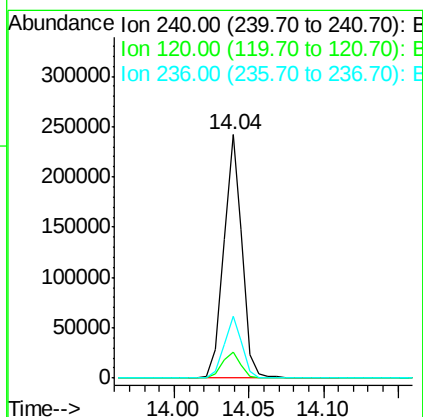
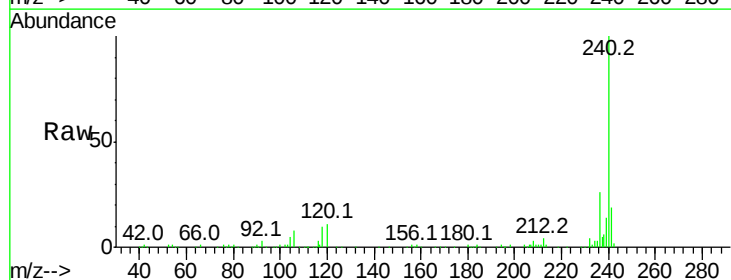
Instrument :
BNA_F
ClientSampleId :
TP-1-(0-5)

Tot Ion:188 Resp: 279995
Ion Ratio Lower Upper
188 100
94 8.6 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: BF100722.D
Acq: 18 Nov 2017 14:51

Tgt Ion:240 Resp: 208324
Ion Ratio Lower Upper
240 100
120 10.9 9.5 14.3
236 25.5 20.7 31.1





#78

Terphenyl-d14

Concen: 92.051 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF100722.D

Acq: 18 Nov 2017 14:51

Instrument :

BNA_F

ClientSampled :

TP-1-(0-5)

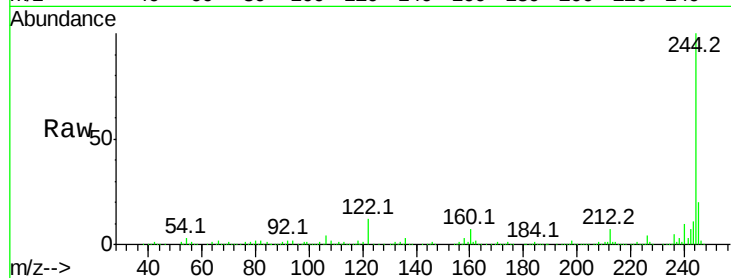
Tot Ion:244 Resp: 834593

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

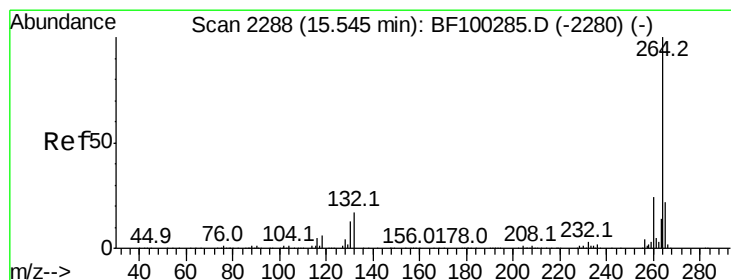
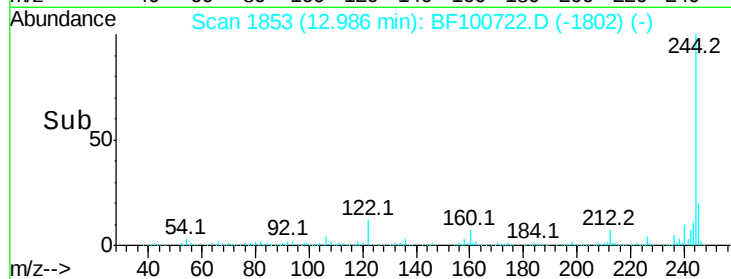
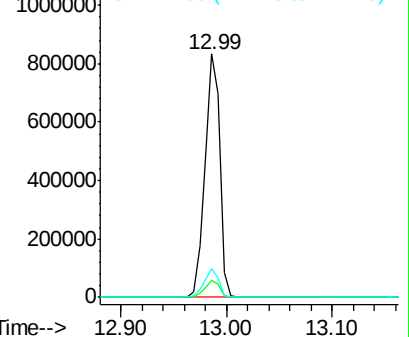
122 11.9 11.0 16.4



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: BF100722.D

Acq: 18 Nov 2017 14:51

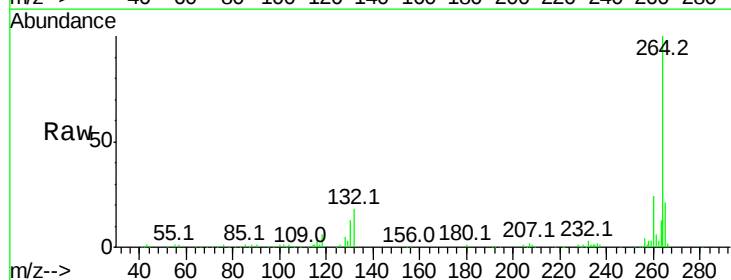
Tgt Ion:264 Resp: 178642

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.2 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

