

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110817\
 Data File : BF100321.D
 Acq On : 9 Nov 2017 5:02
 Operator : SJ/JU
 Sample : I6359-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 09 09:40:56 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 08 14:33:31 2017
 Response via : Initial Calibration

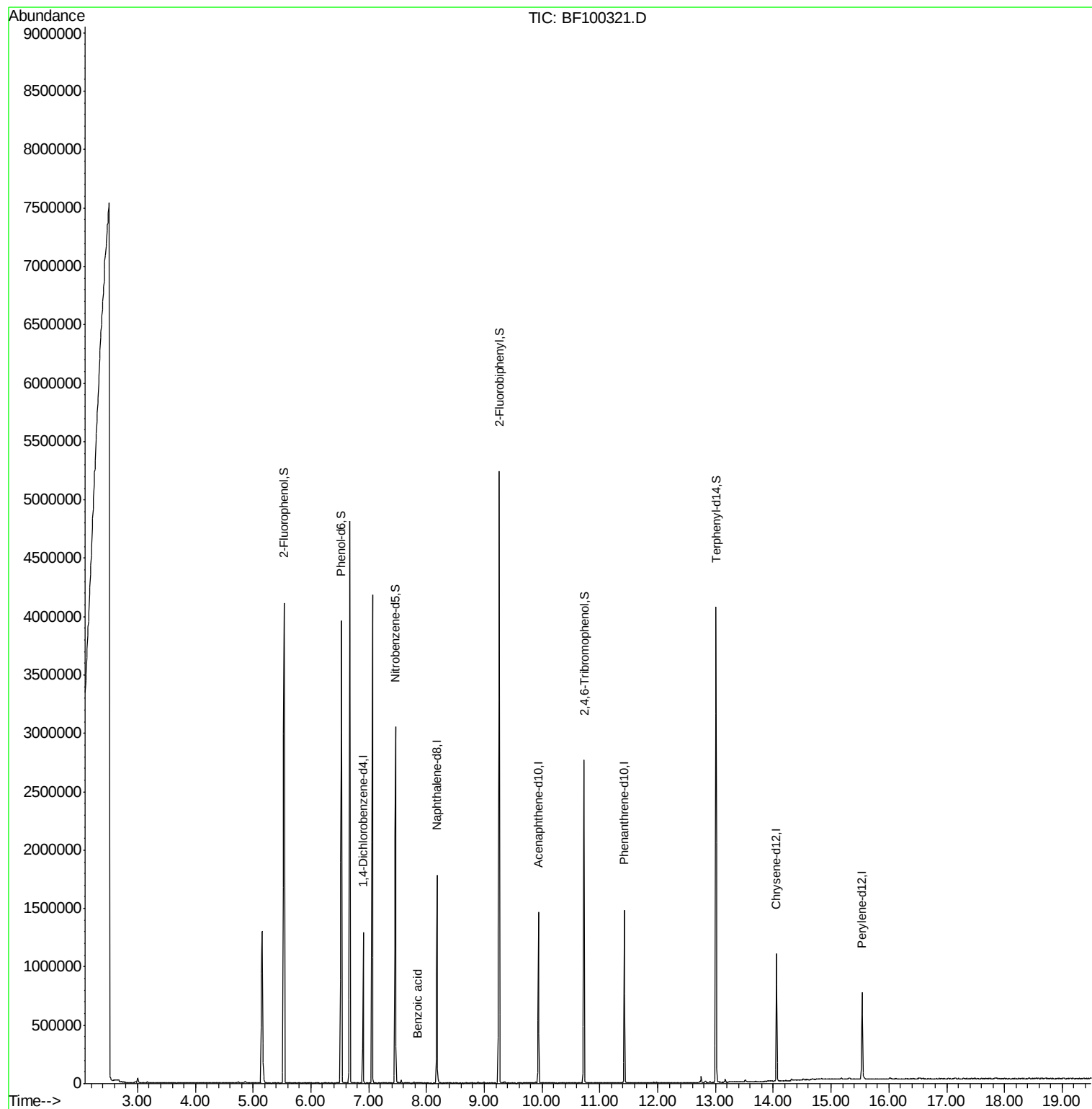
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	184503	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	717479	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	302227	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	474055	20.00	ng	0.00
75) Chrysene-d12	14.06	240	359449	20.00	ng	-0.01
86) Perylene-d12	15.54	264	343998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1408122	122.34	ng	0.03
7) Phenol-d6	6.53	99	1544963	108.85	ng	0.00
23) Nitrobenzene-d5	7.47	82	1199041	110.49	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	383591	124.55	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1930825	97.28	ng	0.00
78) Terphenyl-d14	13.01	244	1381243	88.29	ng	0.00
Target Compounds						
32) Benzoic acid	7.85	122	1281	9.502	ng	Qvalue # 75

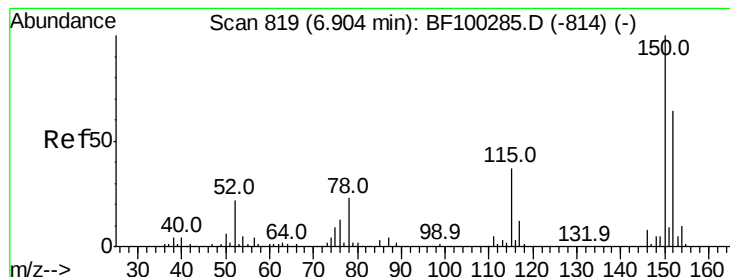
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

Instrument :

BNA_F

ClientSampleId :

TP-1

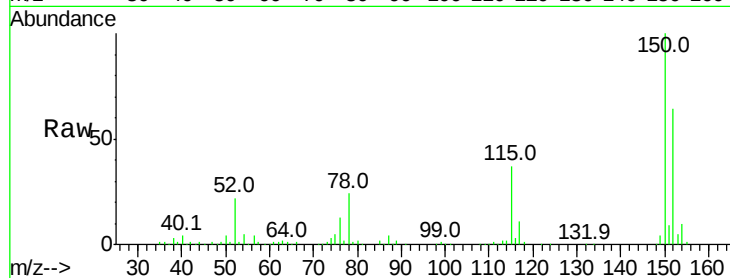
Tot Ion:152 Resp: 184503

Ion Ratio Lower Upper

152 100

150 155.1 124.6 186.8

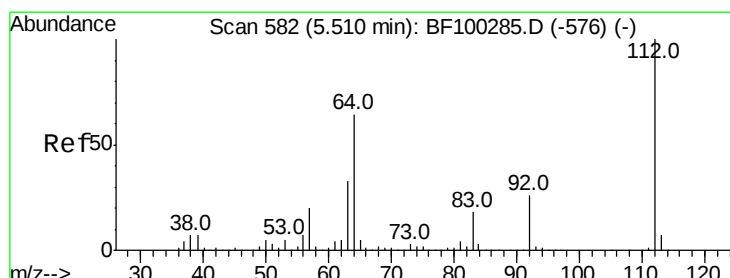
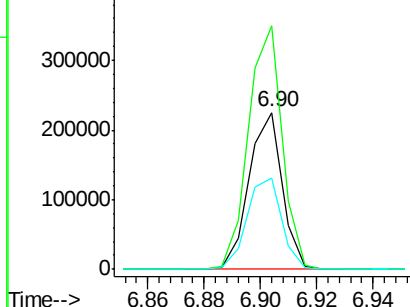
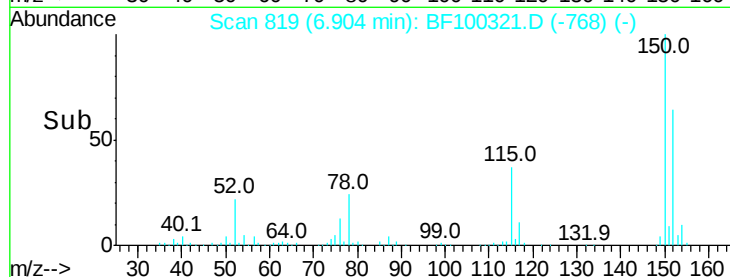
115 58.1 50.1 75.1



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: 122.340 ng

RT: 5.54 min Scan# 587

Delta R.T. 0.03 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

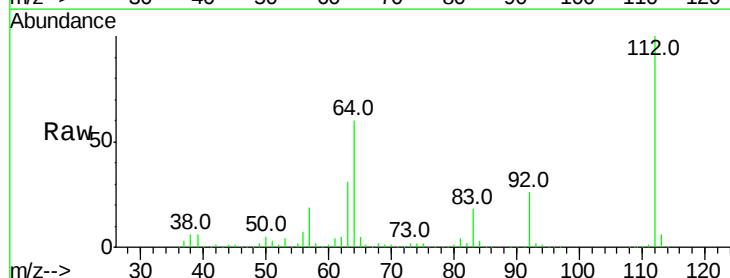
Tgt Ion:112 Resp: 1408122

Ion Ratio Lower Upper

112 100

64 59.6 47.9 71.9

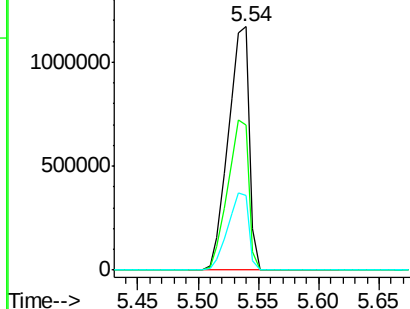
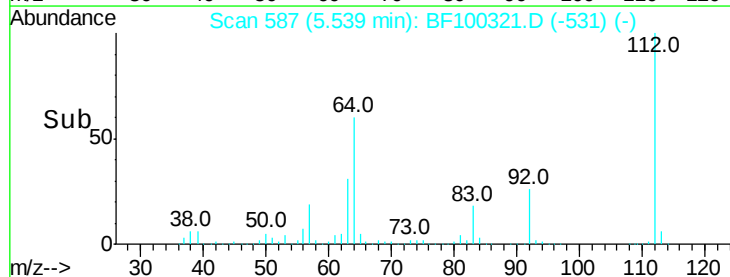
63 30.7 23.7 35.5



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: 108.852 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

Instrument :

BNA_F

ClientSampleId :

TP-1

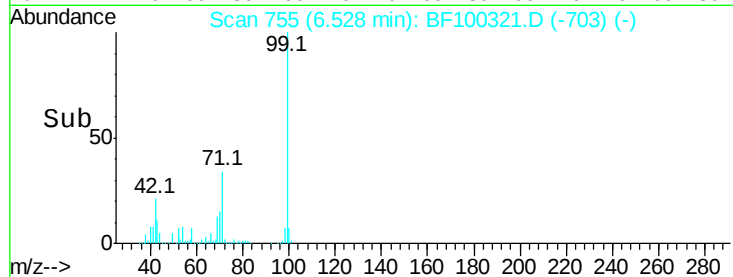
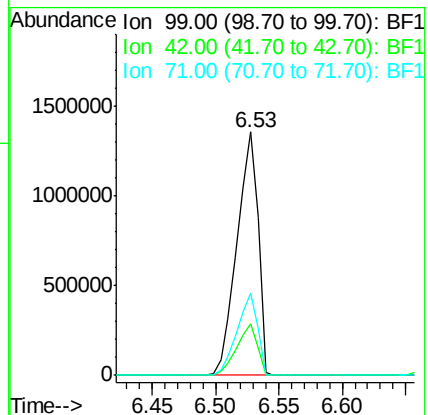
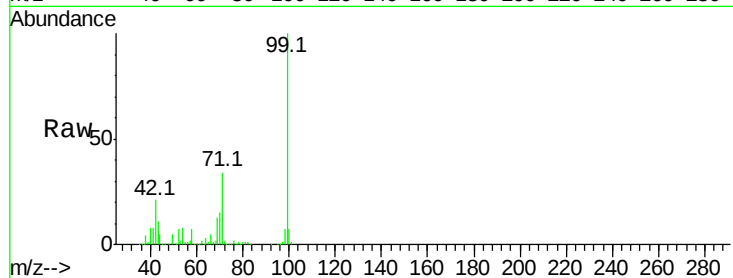
Tot Ion: 99 Resp: 1544963

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

71 33.8 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

Tgt Ion: 136 Resp: 717479

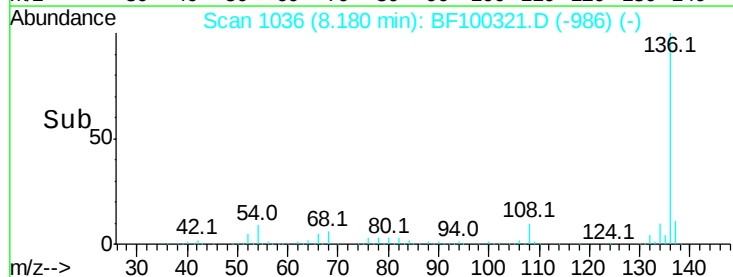
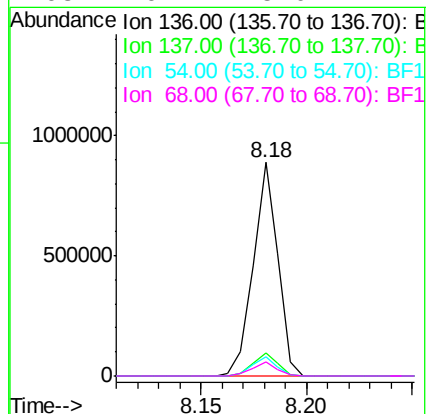
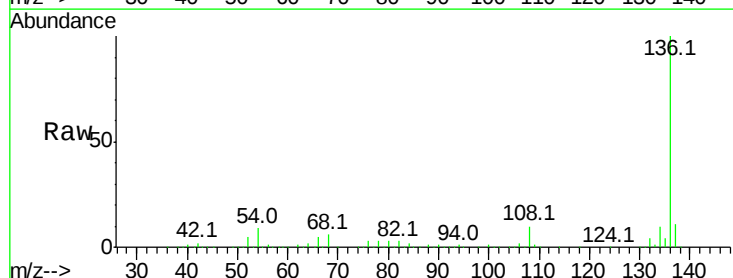
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.1 6.6 9.8

68 6.4 5.0 7.4

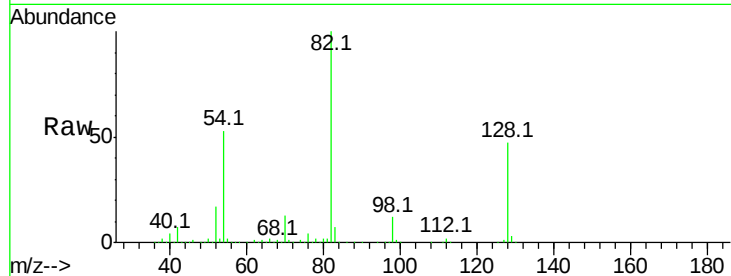




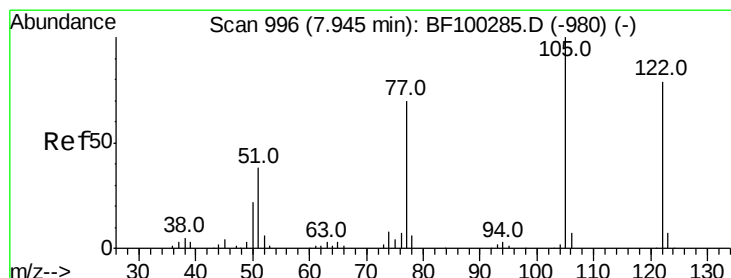
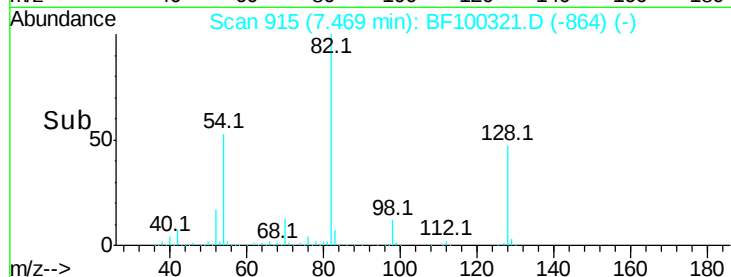
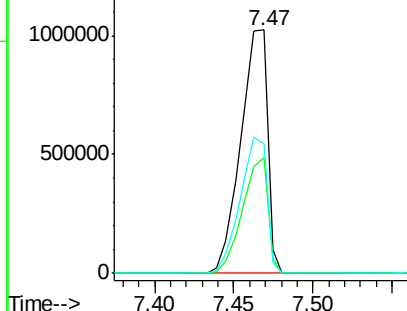
#23
 Nitrobenzene-d5
 Concen: 110.488 ng
 RT: 7.47 min Scan# 915
 Delta R.T. -0.00 min
 Lab File: BF100321.D
 Acq: 9 Nov 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion: 82 Resp: 1199041
 Ion Ratio Lower Upper
 82 100
 128 47.3 36.1 54.1
 54 53.1 41.4 62.2

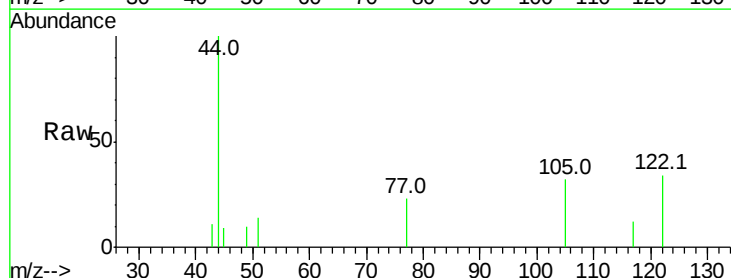


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

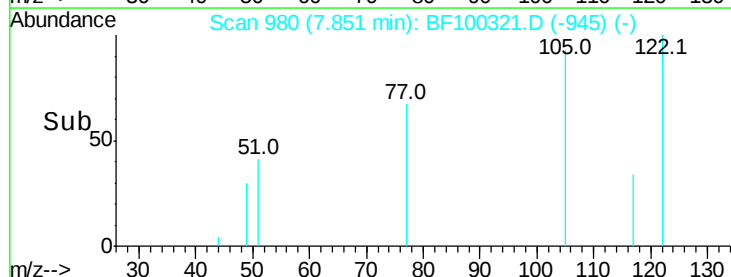
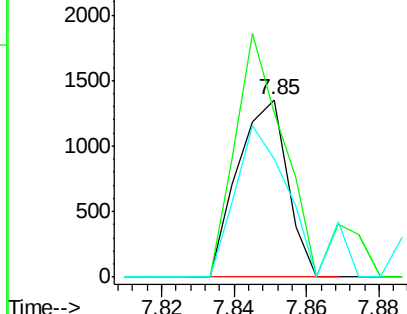


#32
 Benzoic acid
 Concen: 9.502 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.09 min
 Lab File: BF100321.D
 Acq: 9 Nov 2017 5:02

Tgt Ion:122 Resp: 1281
 Ion Ratio Lower Upper
 122 100
 105 92.7 101.1 141.1#
 77 66.8 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF1

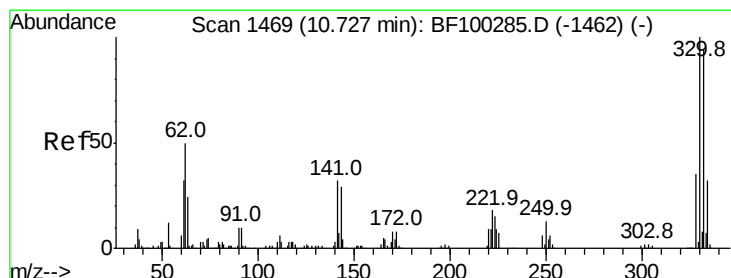
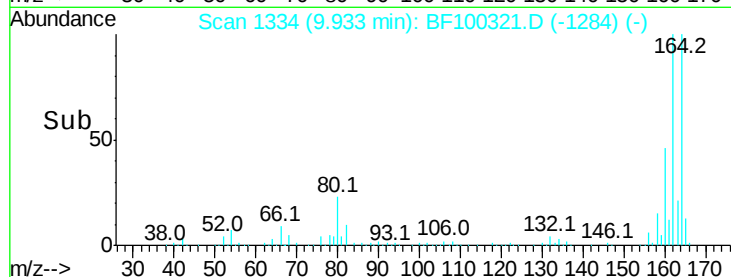
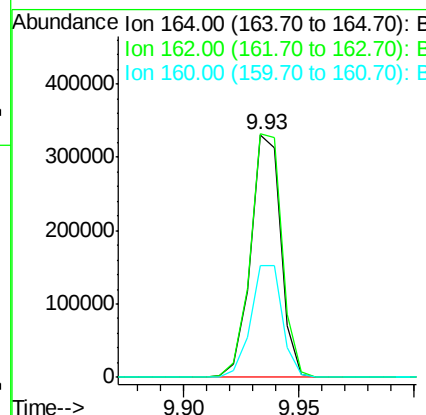
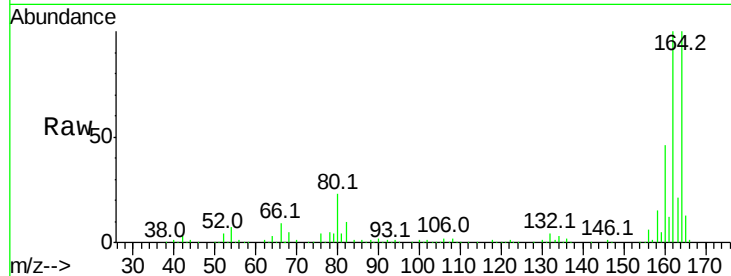




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

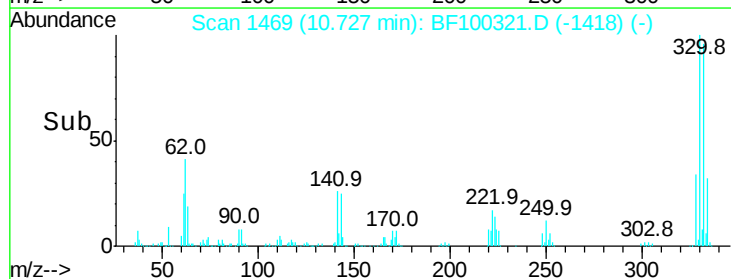
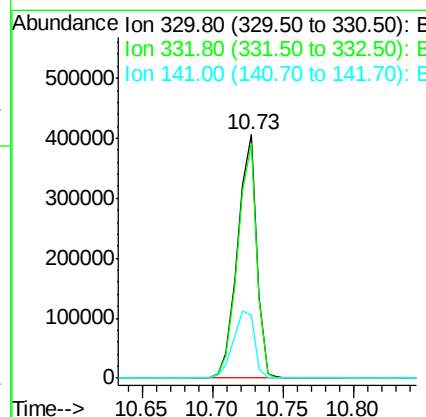
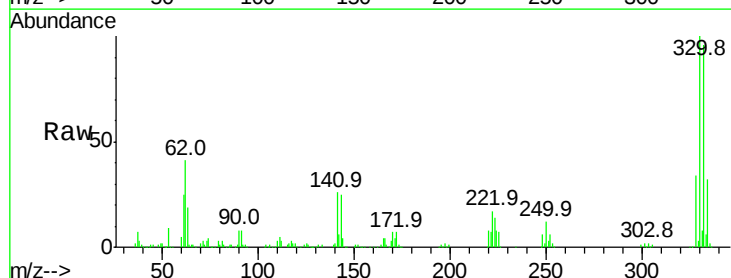
Instrument :
BNA_F
ClientSampleId :
TP-1

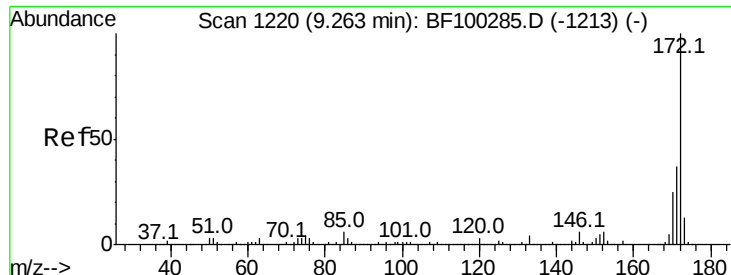
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	86.1	129.1
160	46.3	38.3	57.5



#41
2,4,6-Tribromophenol
Concen: 124.555 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BF100321.D
Acq: 9 Nov 2017 5:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	30.7	29.9	44.9



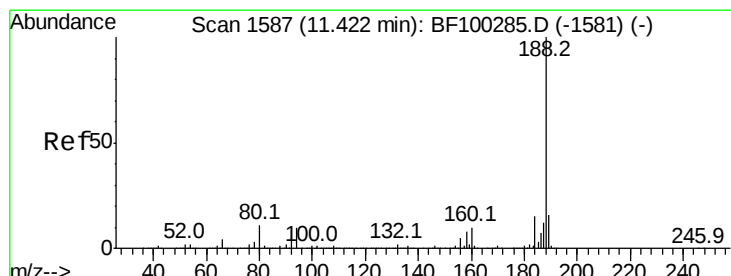
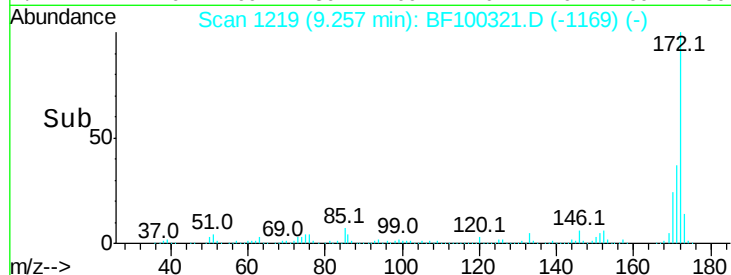
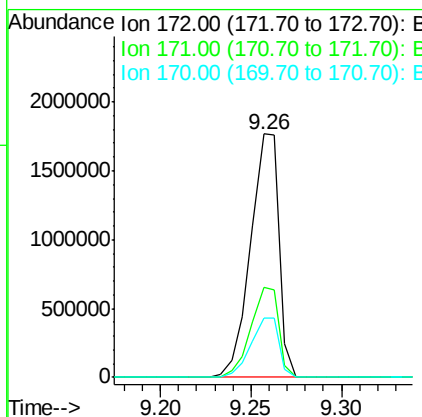
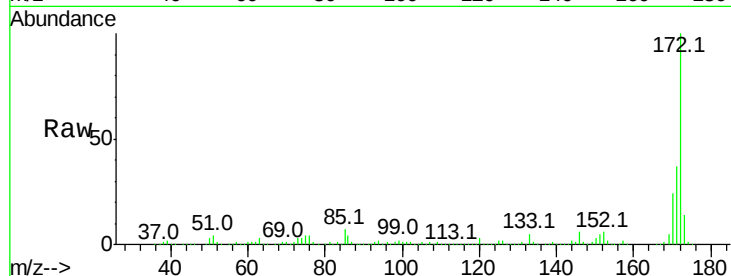


#44
 2-Fluorobiphenyl
 Concen: 97.281 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100321.D
 Acq: 9 Nov 2017 5:02

Instrument :
 BNA_F
 ClientSampled :
 TP-1

Tot Ion:172 Resp: 1930825

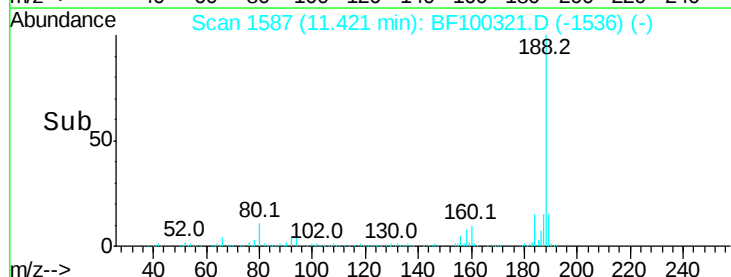
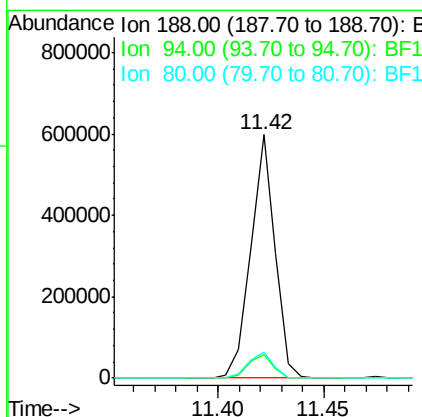
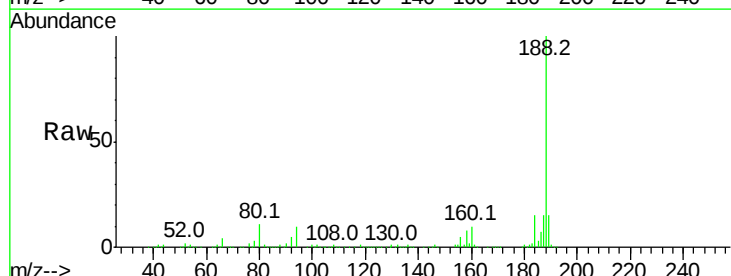
Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.7	44.5
170	24.3	19.6	29.4

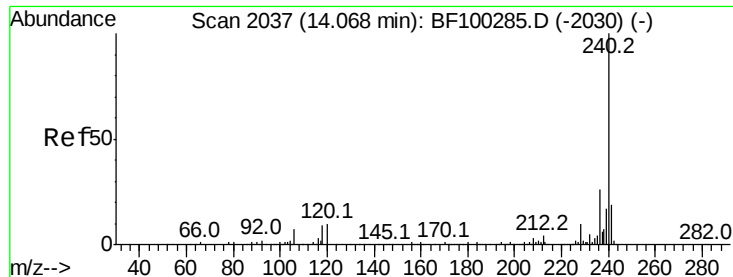


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF100321.D
 Acq: 9 Nov 2017 5:02

Tgt Ion:188 Resp: 474055

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.9	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

Instrument :

BNA_F

ClientSampleId :

TP-1

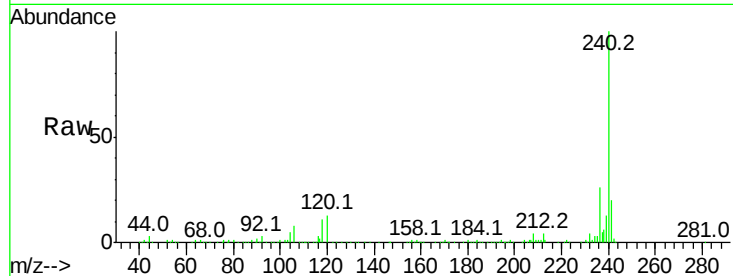
Tot Ion:240 Resp: 359449

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

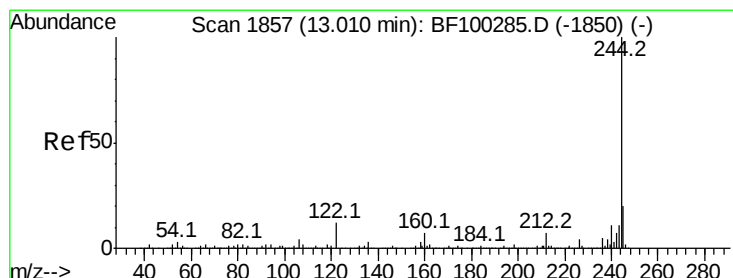
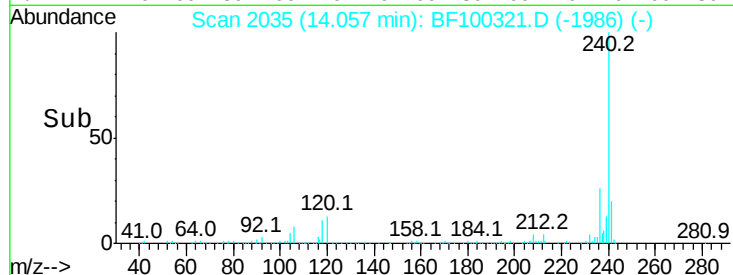
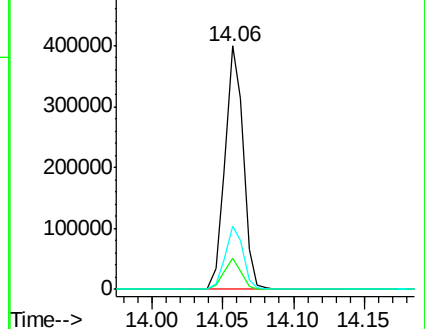
236 25.9 20.7 31.1



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: 88.293 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100321.D

Acq: 9 Nov 2017 5:02

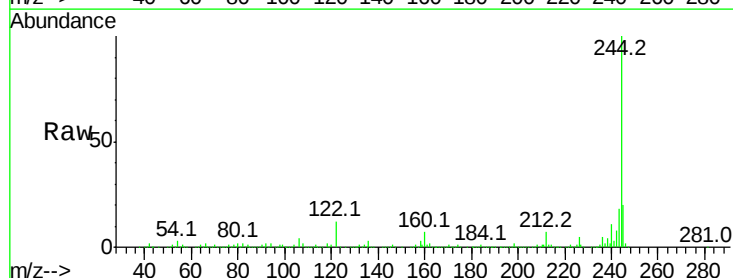
Tgt Ion:244 Resp: 1381243

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

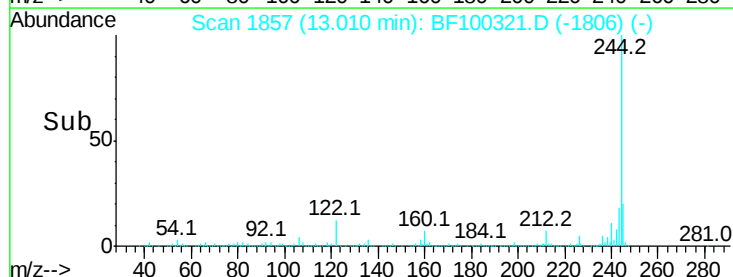
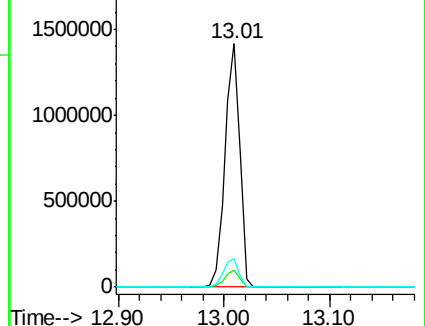
122 11.6 11.0 16.4

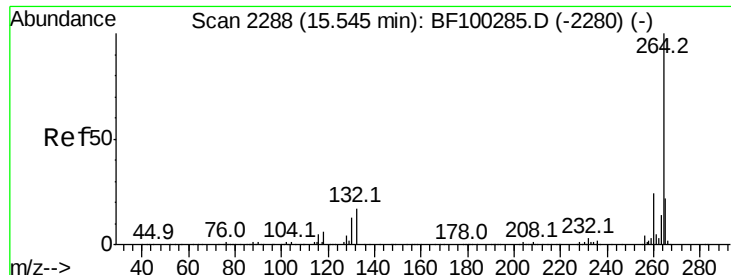


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

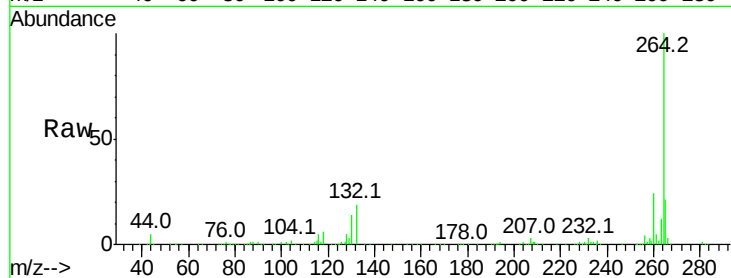




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2287
 Delta R.T. -0.01 min
 Lab File: BF100321.D
 Acq: 9 Nov 2017 5:02

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	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

