

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111017\
 Data File : BF100386.D
 Acq On : 10 Nov 2017 13:06
 Operator : SJ/JU
 Sample : I6384-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-RUTHERFORD-ROLLOFFS

Quant Time: Nov 10 16:03:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:44:40 2017
 Response via : Initial Calibration

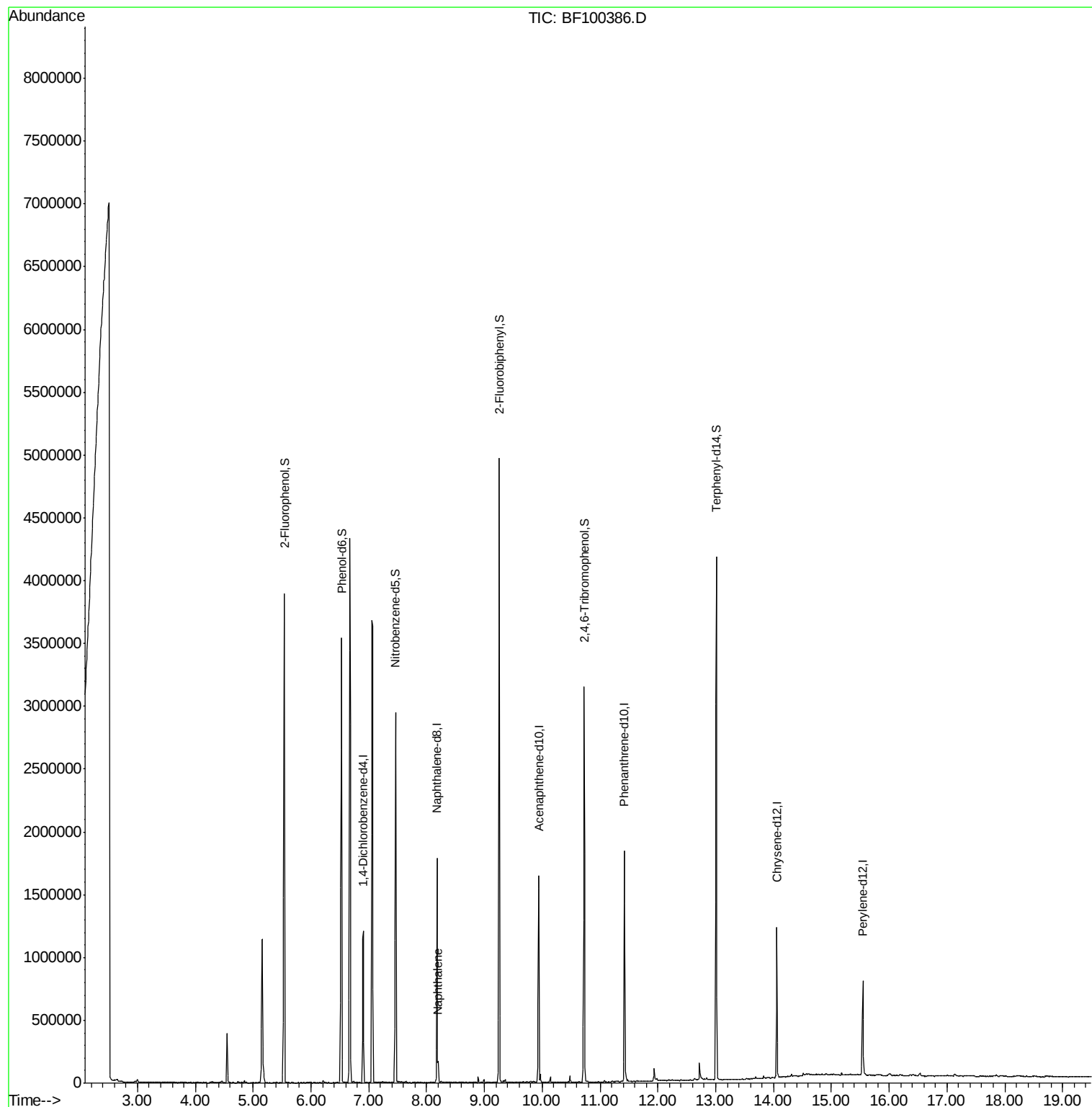
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	181774	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	727756	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	341331	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	632626	20.00	ng	0.00
75) Chrysene-d12	14.06	240	414891	20.00	ng	-0.01
86) Perylene-d12	15.54	264	379800	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1293417	114.06	ng	0.02
7) Phenol-d6	6.53	99	1482959	106.05	ng	0.00
23) Nitrobenzene-d5	7.46	82	1125204	102.22	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	448365	128.91	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1930568	86.12	ng	0.00
78) Terphenyl-d14	13.01	244	1665104	92.22	ng	0.00
Target Compounds						
31) Naphthalene	8.20	128	75280	2.148	ng	Qvalue 100

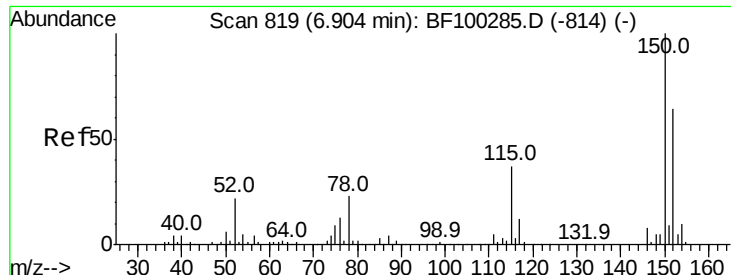
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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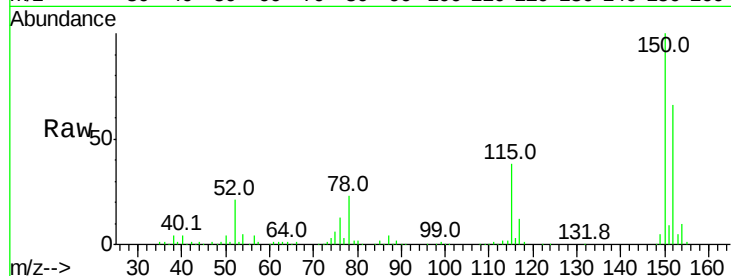


#1

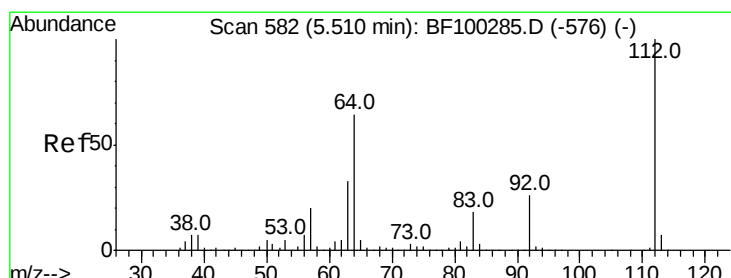
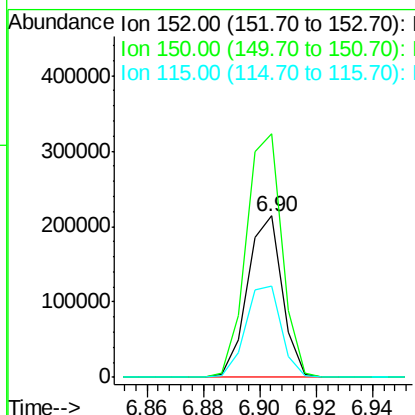
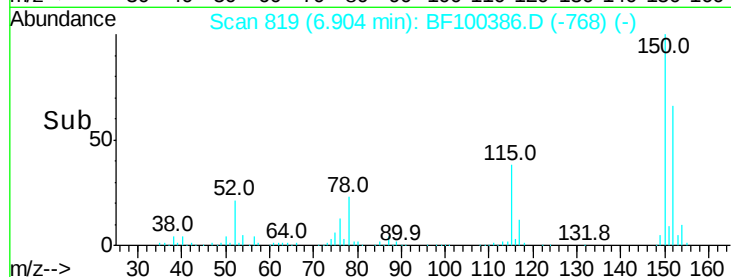
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF100386.D
 Acq: 10 Nov 2017 13:06

Instrument :
 BNA_F
 ClientSampleId :
 EAST-RUTHERFORD-ROLLOFFS

Tot Ion:152 Resp: 181774
 Ion Ratio Lower Upper
 152 100
 150 151.0 124.6 186.8
 115 56.7 50.1 75.1



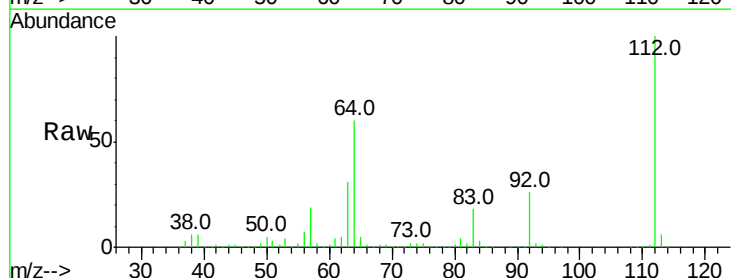
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



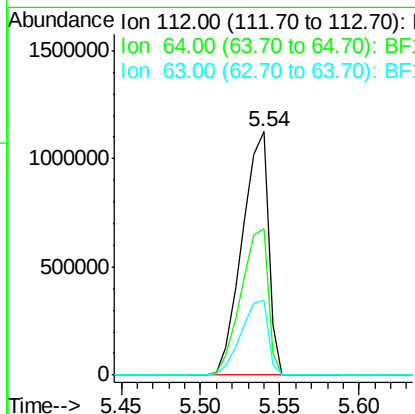
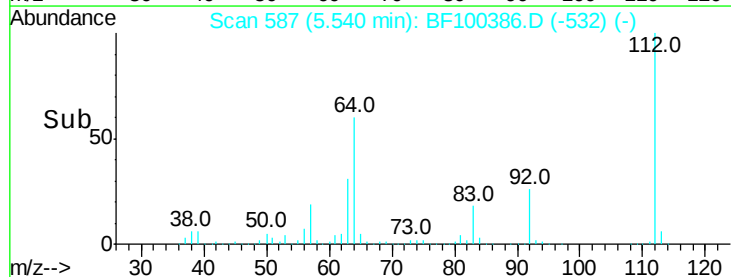
#5

2-Fluorophenol
 Concen: 114.061 ng
 RT: 5.54 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: BF100386.D
 Acq: 10 Nov 2017 13:06

Tgt Ion:112 Resp: 1293417
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.9 71.9
 63 30.5 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: 106.052 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF100386.D

Acq: 10 Nov 2017 13:06

Instrument :

BNA_F

ClientSampleId :

EAST-RUTHERFORD-ROLLOFFS

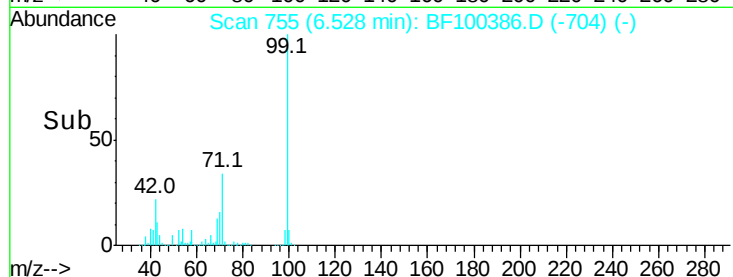
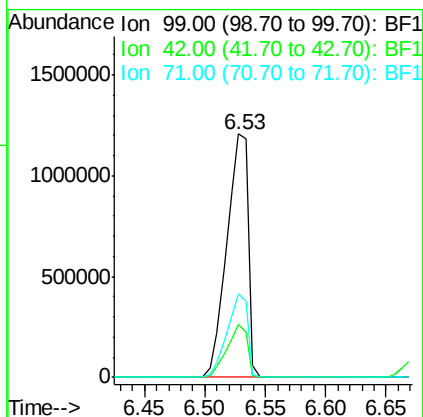
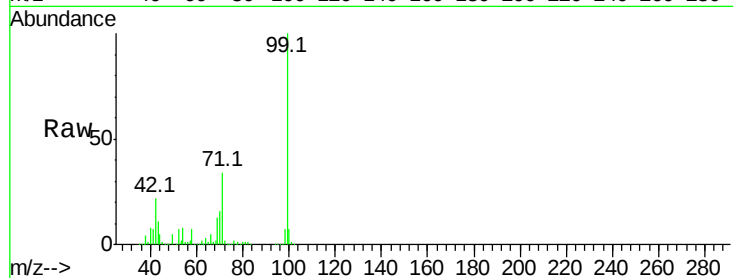
Tot Ion: 99 Resp: 1482959

Ion Ratio Lower Upper

99 100

42 21.5 14.5 21.7

71 34.5 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: BF100386.D

Acq: 10 Nov 2017 13:06

Tgt Ion: 136 Resp: 727756

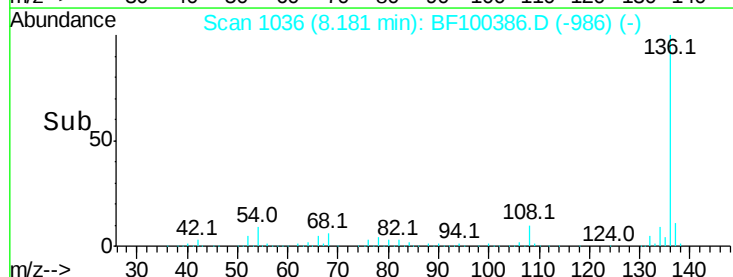
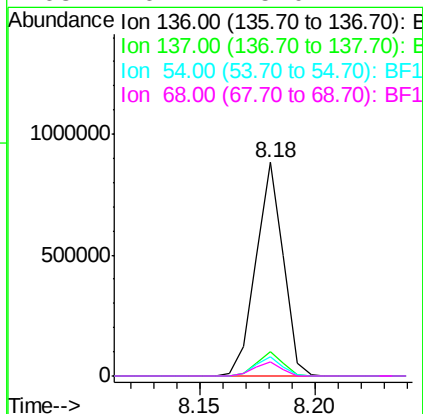
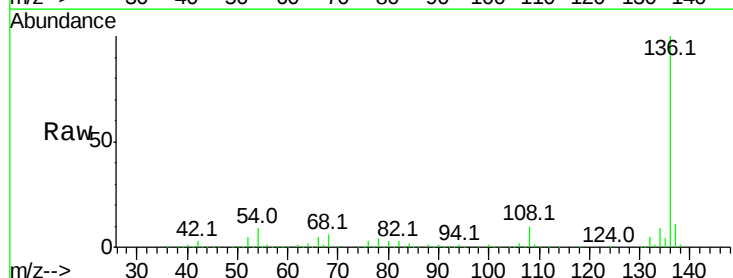
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.0 6.6 9.8

68 6.4 5.0 7.4

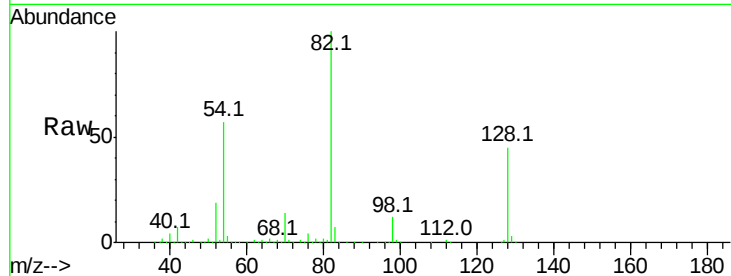




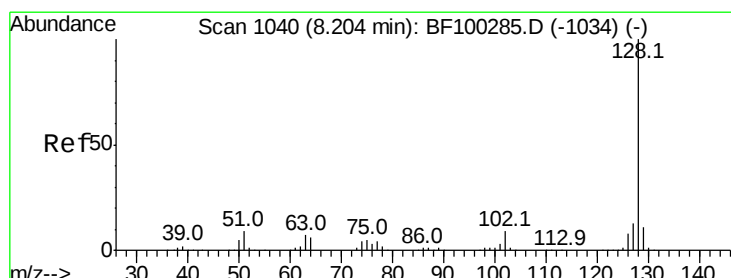
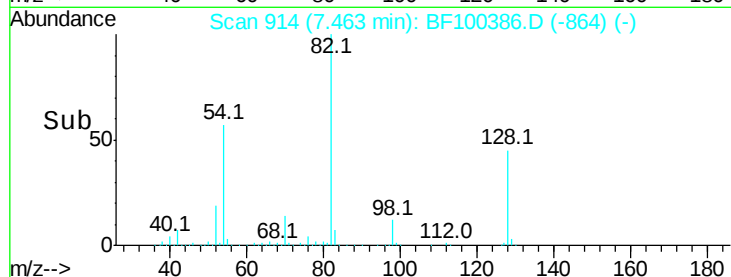
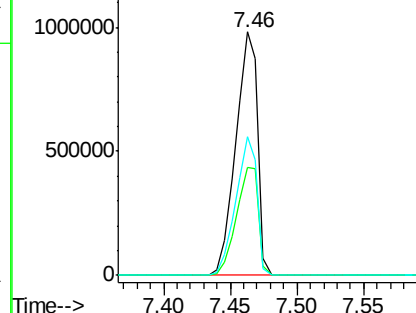
#23
Nitrobenzene-d5
Concen: 102.220 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

Instrument :
BNA_F
ClientSampleId :
EAST-RUTHERFORD-ROLLOFFS

Tot Ion: 82 Resp: 1125204
Ion Ratio Lower Upper
82 100
128 44.5 36.1 54.1
54 56.9 41.4 62.2

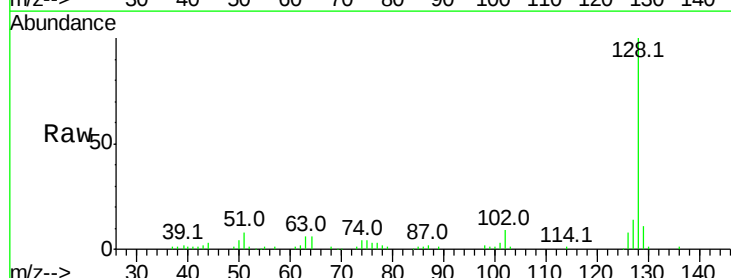


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF1

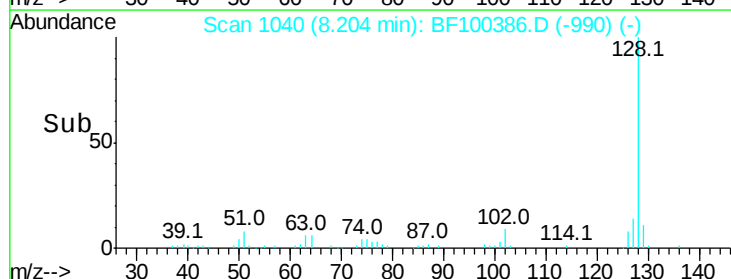
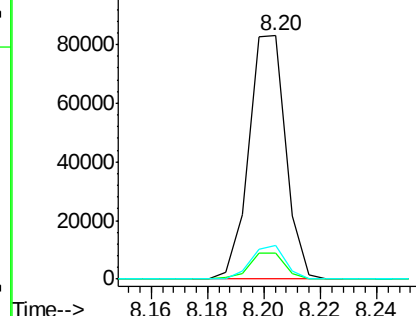


#31
Naphthalene
Concen: 2.148 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

Tgt Ion: 128 Resp: 75280
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

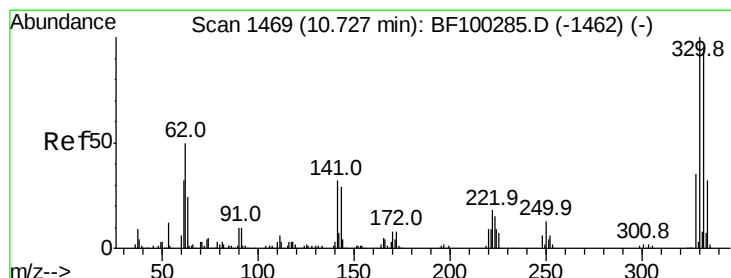
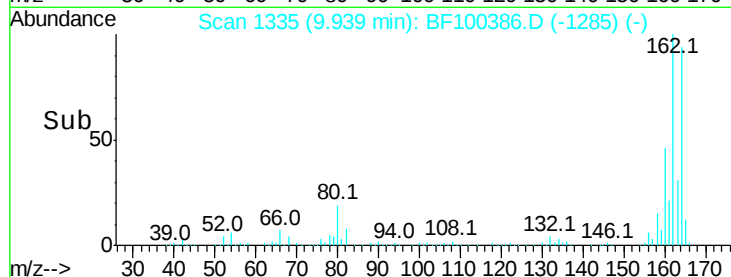
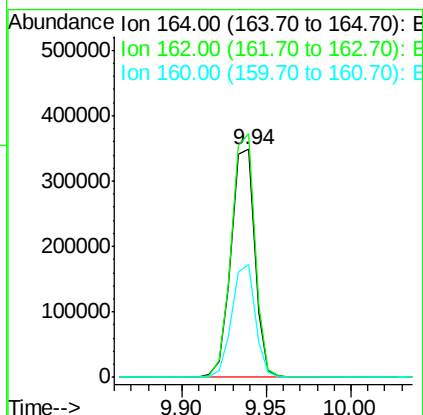
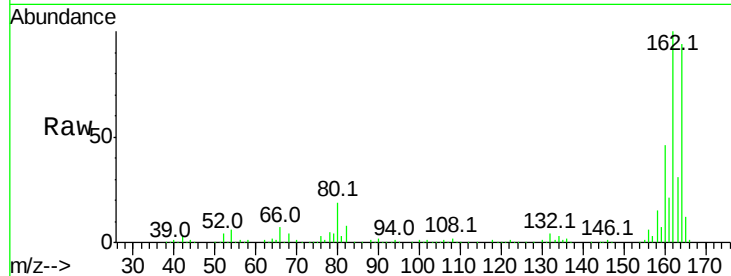




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

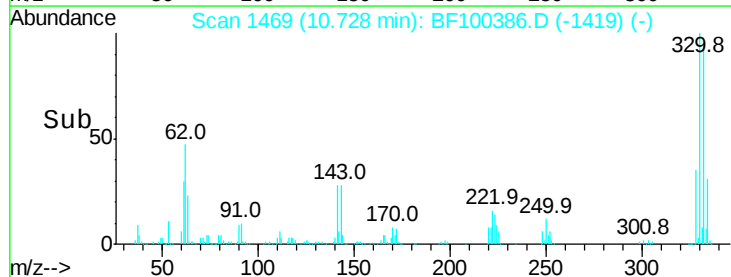
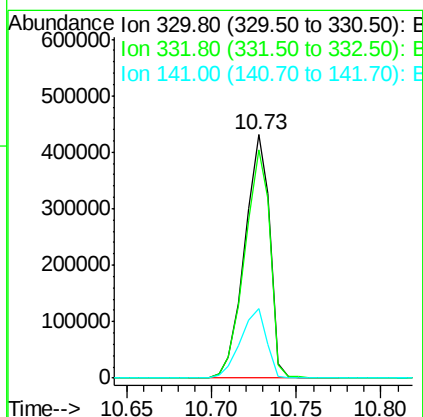
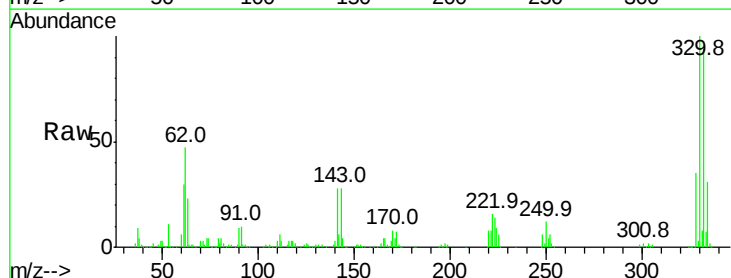
Instrument :
BNA_F
ClientSampleId :
EAST-RUTHERFORD-ROLLOFFS

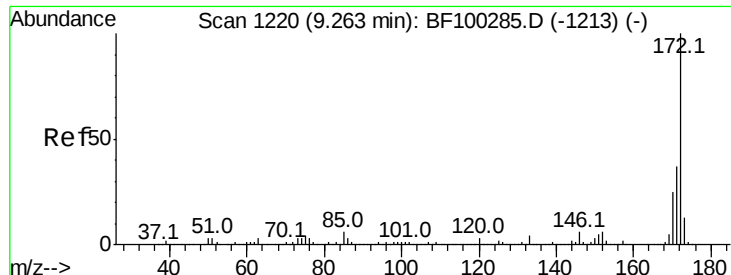
Tot Ion:164 Resp: 341331
Ion Ratio Lower Upper
164 100
162 106.8 86.1 129.1
160 49.3 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 128.909 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BF100386.D
Acq: 10 Nov 2017 13:06

Tgt Ion:330 Resp: 448365
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 29.6 29.9 44.9#

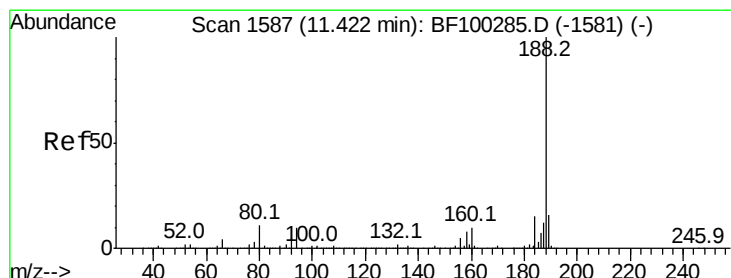
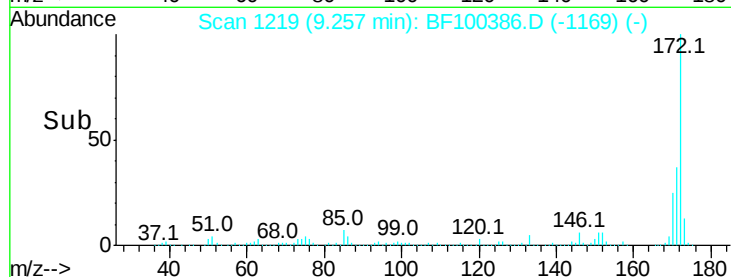
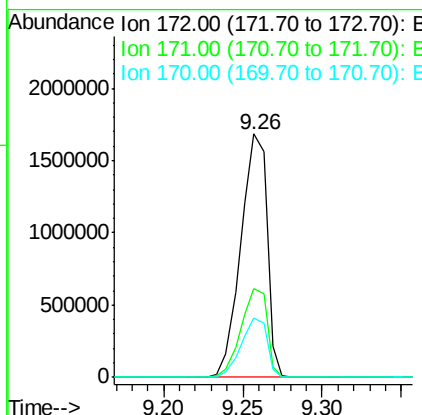
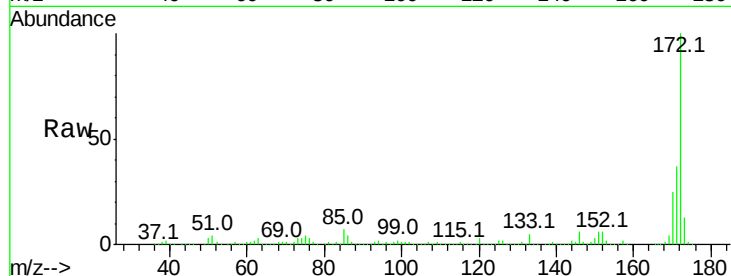




#44
 2-Fluorobiphenyl
 Concen: 86.125 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: BF100386.D
 Acq: 10 Nov 2017 13:06

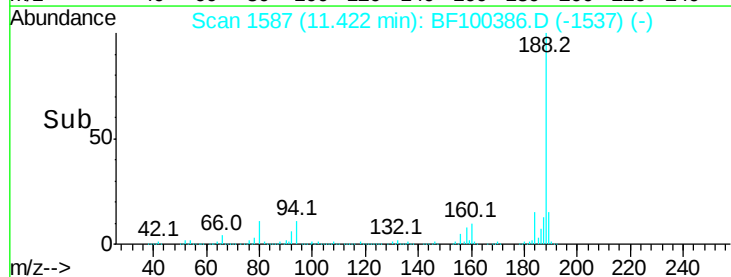
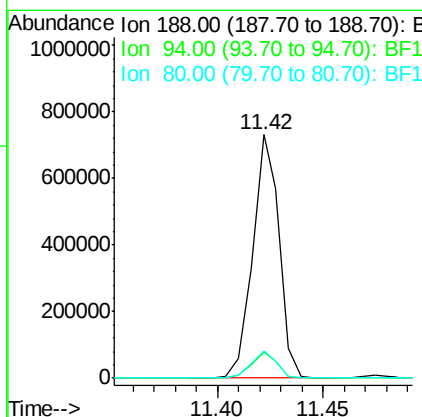
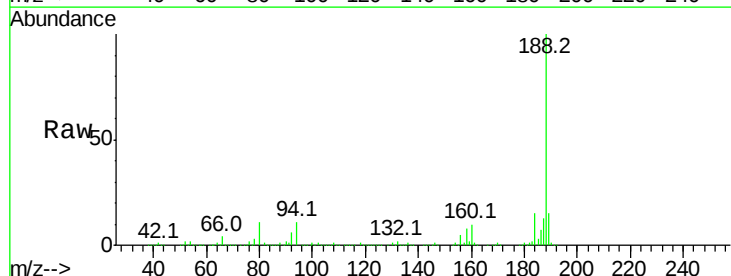
Instrument :
 BNA_F
 ClientSampleId :
 EAST-RUTHERFORD-ROLLOFFS

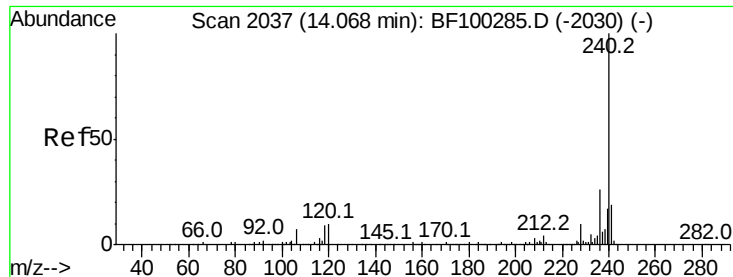
Tot Ion:172 Resp: 1930568
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.7 44.5
 170 24.5 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF100386.D
 Acq: 10 Nov 2017 13:06

Tgt Ion:188 Resp: 632626
 Ion Ratio Lower Upper
 188 100
 94 10.8 8.5 12.7
 80 11.4 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: BF100386.D

Acq: 10 Nov 2017 13:06

Instrument :

BNA_F

ClientSampleId :

EAST-RUTHERFORD-ROLLOFFS

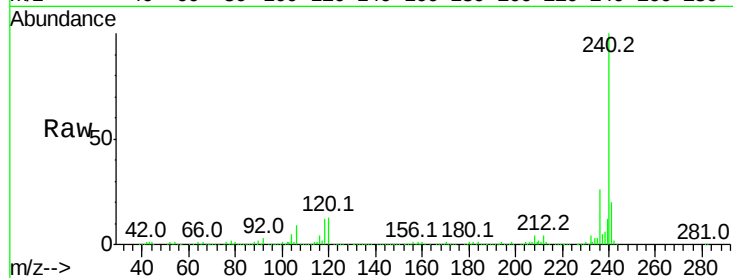
Tot Ion:240 Resp: 414891

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

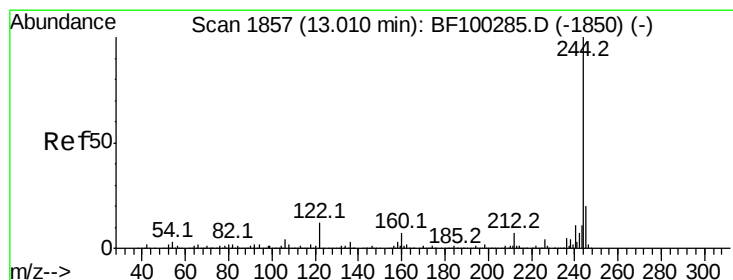
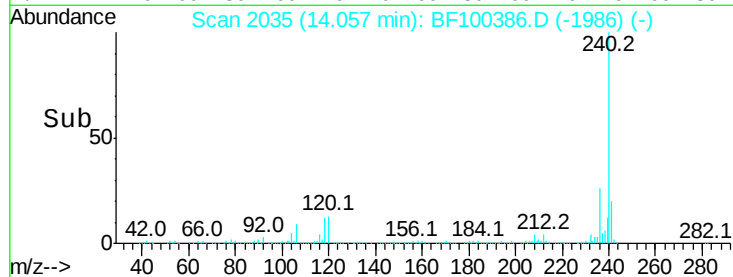
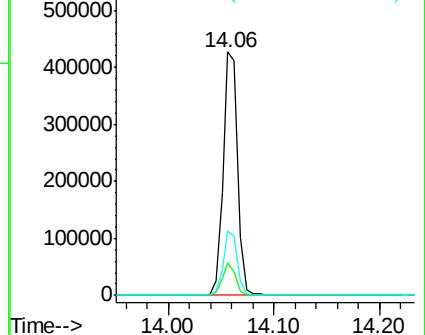
236 26.3 20.7 31.1



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: 92.215 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF100386.D

Acq: 10 Nov 2017 13:06

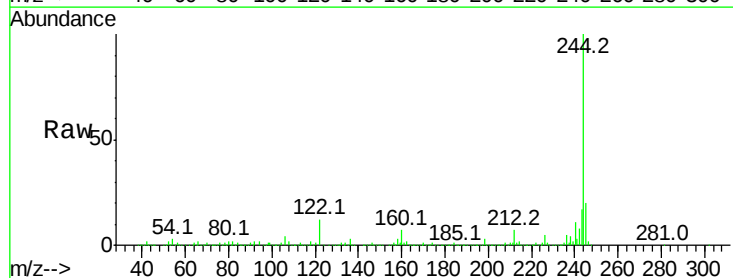
Tgt Ion:244 Resp: 1665104

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

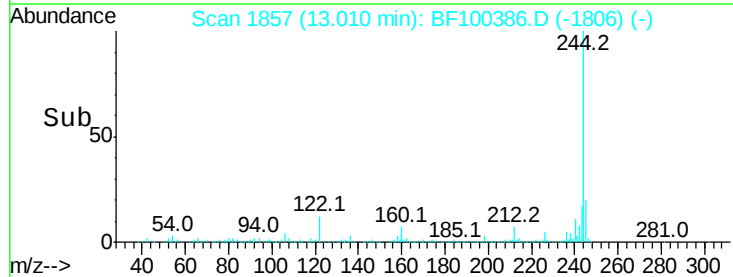
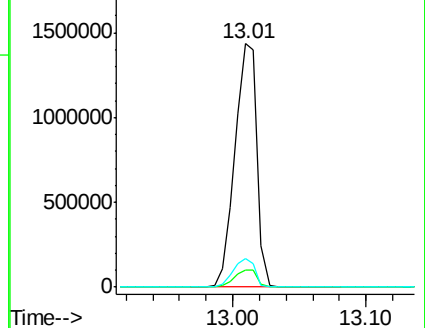
122 11.8 11.0 16.4

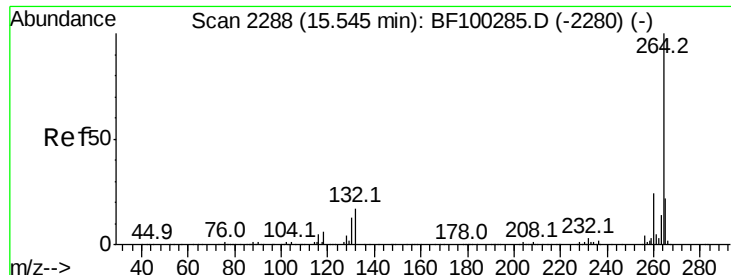


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

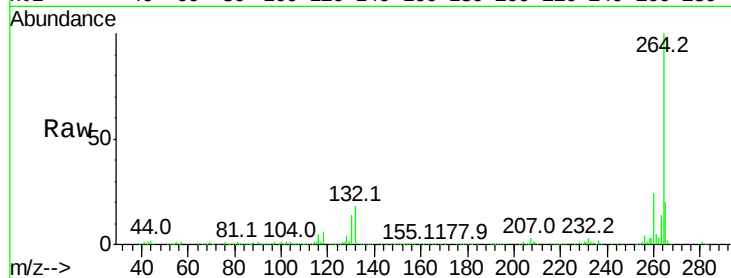




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BF100386.D
 Acq: 10 Nov 2017 13:06

Instrument :
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Tot Ion:	264	Resp:	379800
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	20.3	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

