

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101311.D
 Acq On : 12 Dec 2017 3:49
 Operator : SJ/JU
 Sample : I6764-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-8-E(4-5)

Quant Time: Dec 12 06:40:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	112666	20.00	ng	0.16
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.11
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-9.87
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.36
75) Chrysene-d12	0.00	240	0	0.00	ng	-14.00
86) Perylene-d12	0.00	264	0	0.00	ng	-15.47
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	234376	34.38	ng	0.01
7) Phenol-d6	6.47	99	283059	34.19	ng	0.00
23) Nitrobenzene-d5	7.40	82	161576	0.00	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	52455	0.00	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	320730	0.00	ng	0.00
78) Terphenyl-d14	12.94	244	274521	0.00	ng	0.00

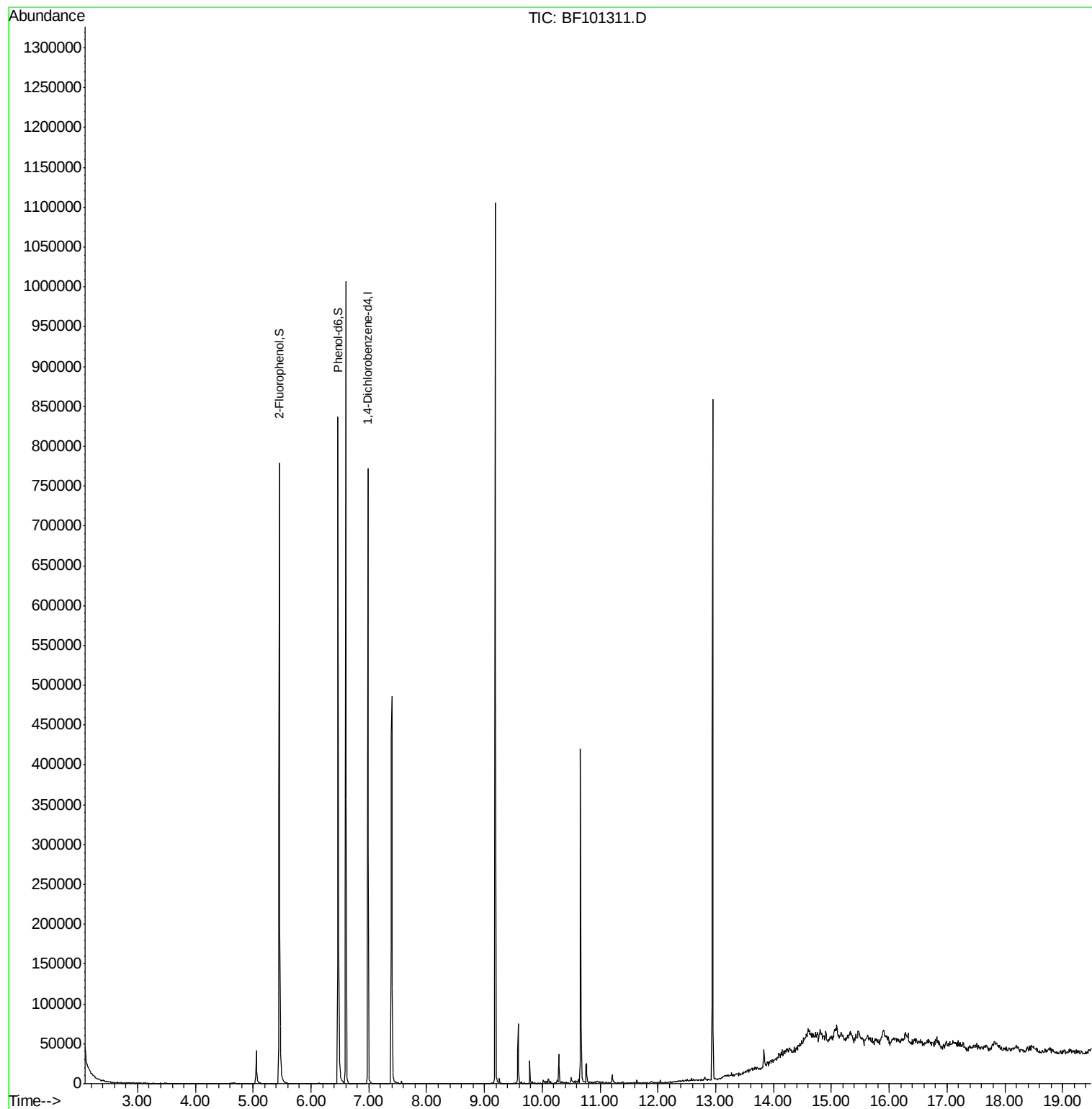
Target Compounds Qvalue

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

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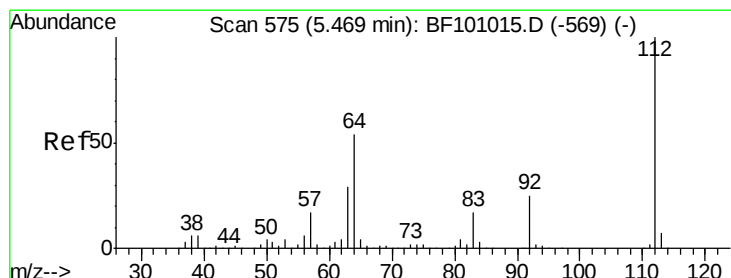
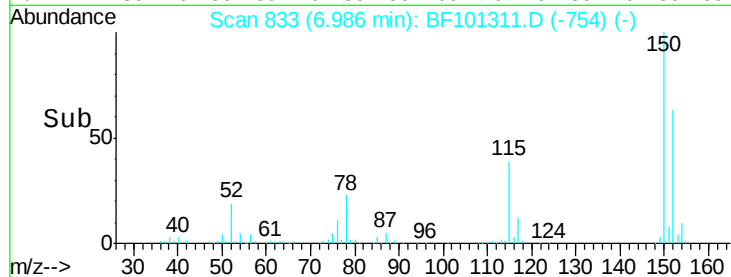
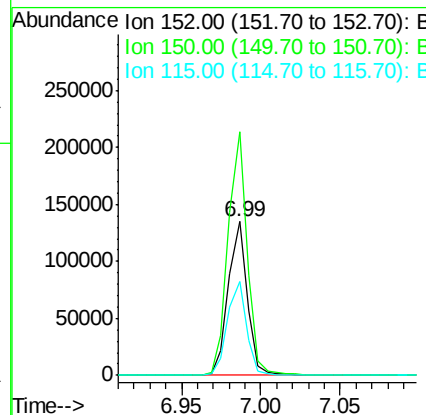
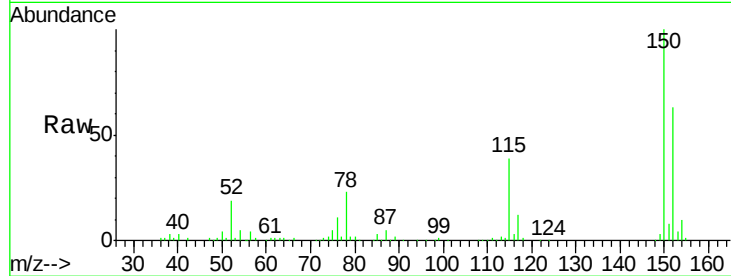


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.99 min Scan# 833
 Delta R.T. 0.16 min
 Lab File: BF101311.D
 Acq: 12 Dec 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 MAP-8-E(4-5)

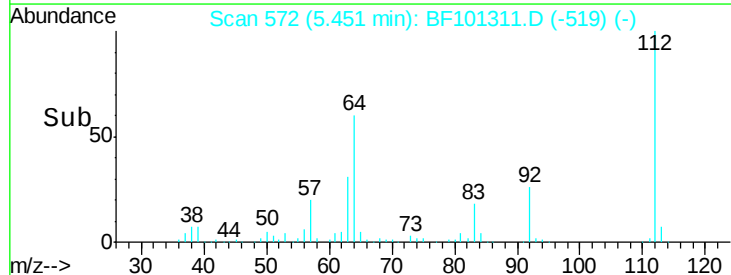
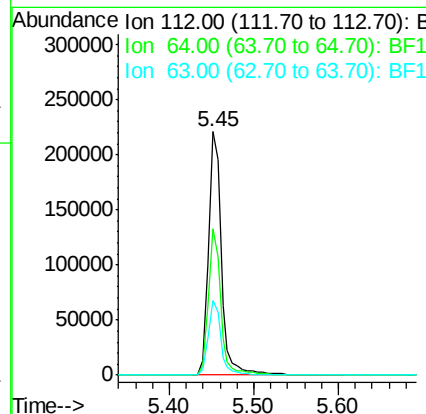
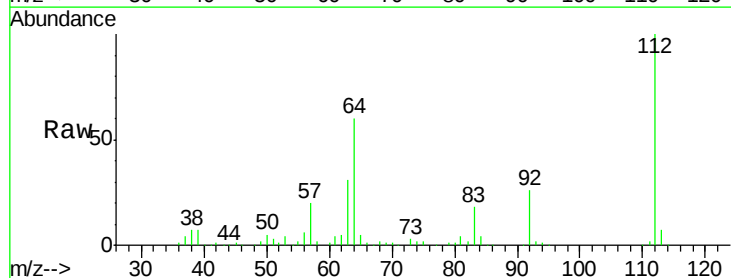
Tot Ion:152 Resp: 112666
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 61.3 50.1 75.1



#5

2-Fluorophenol
 Concen: 34.375 ng
 RT: 5.45 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: BF101311.D
 Acq: 12 Dec 2017 3:49

Tgt Ion:112 Resp: 234376
 Ion Ratio Lower Upper
 112 100
 64 60.0 47.9 71.9
 63 30.6 23.7 35.5





#7

Phenol-d6

Concen: 34.195 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101311.D

Acq: 12 Dec 2017 3:49

Instrument :

BNA_F

ClientSampleId :

MAP-8-E(4-5)

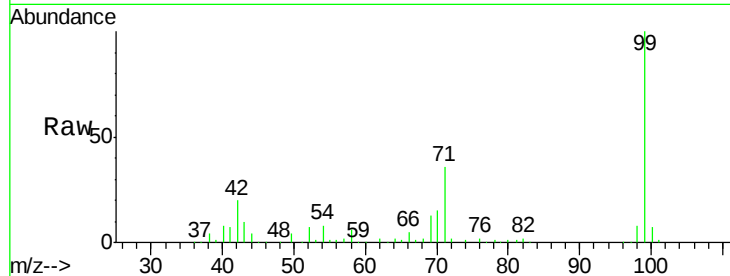
Tot Ion: 99 Resp: 283059

Ion Ratio Lower Upper

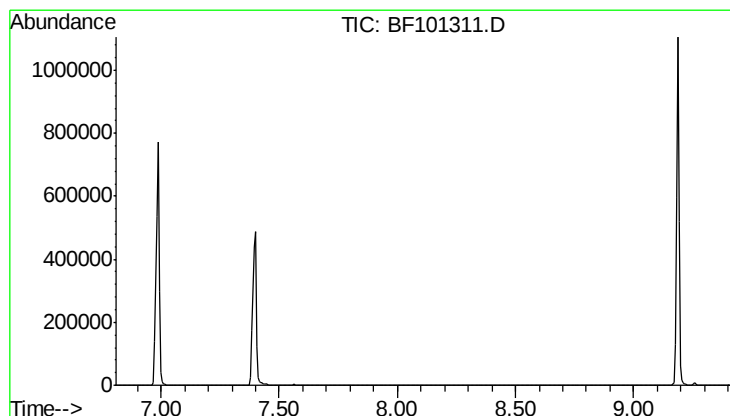
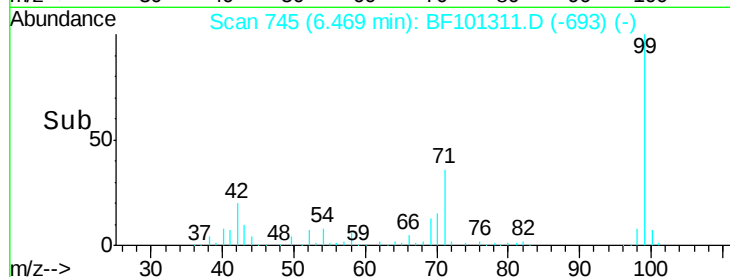
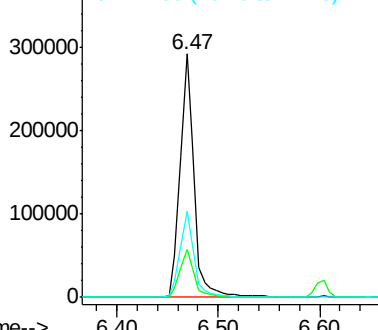
99 100

42 19.5 14.5 21.7

71 35.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 0.000 ng

Expected RT: 8.11 min

Lab File: BF101311.D

Acq: 12 Dec 2017 3:49

Tgt Ion: 136

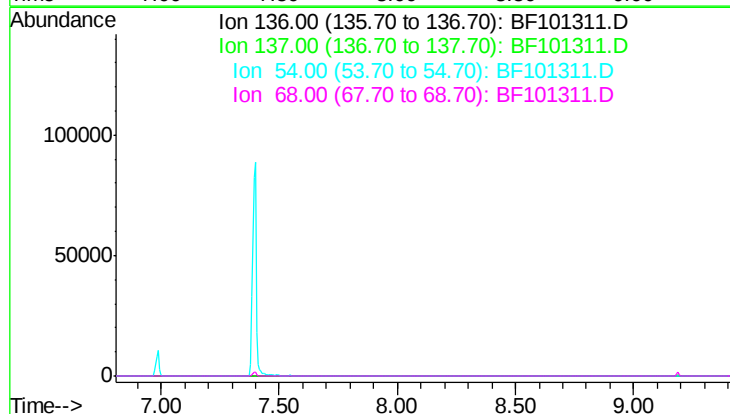
Sig Exp Ratio

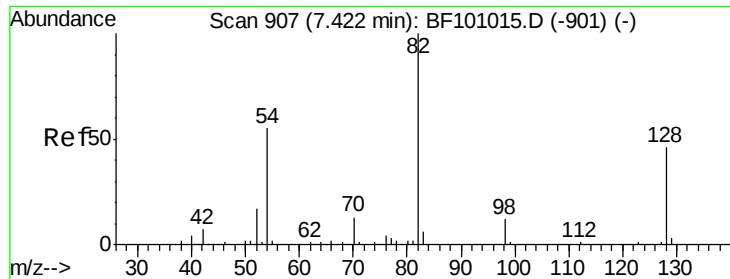
136 100

137 11.1

54 8.2

68 6.2

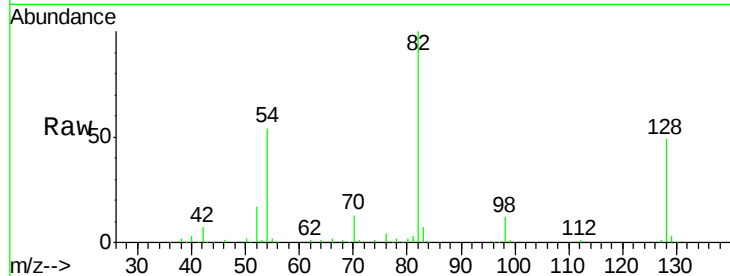




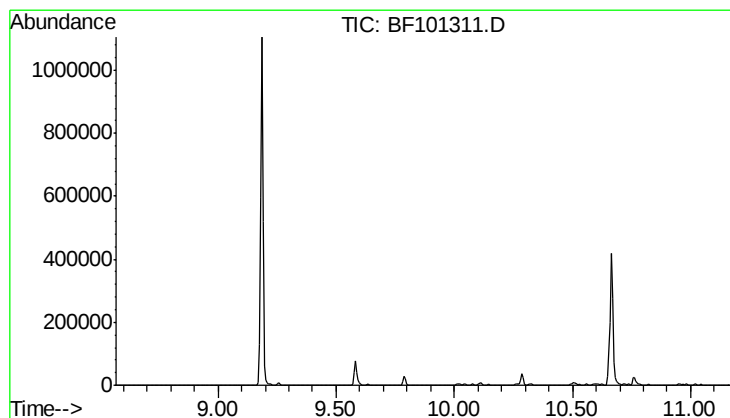
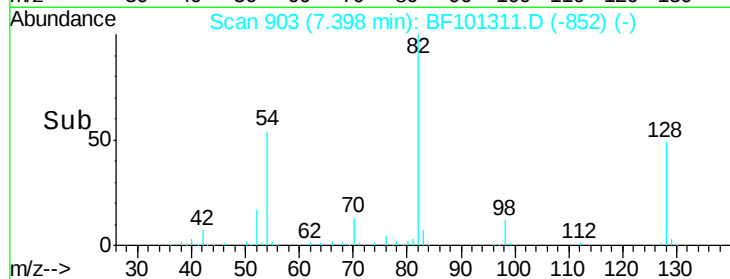
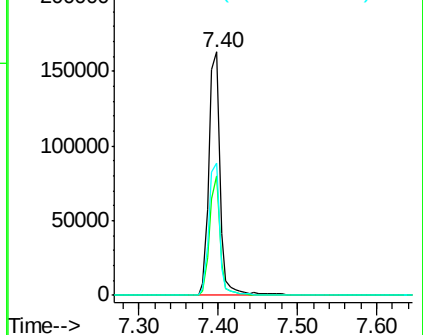
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF101311.D
 Acq: 12 Dec 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 MAP-8-E(4-5)

Tot Ion: 82 Resp: 161576
 Ion Ratio Lower Upper
 82 100
 128 49.1 36.1 54.1
 54 54.4 41.4 62.2

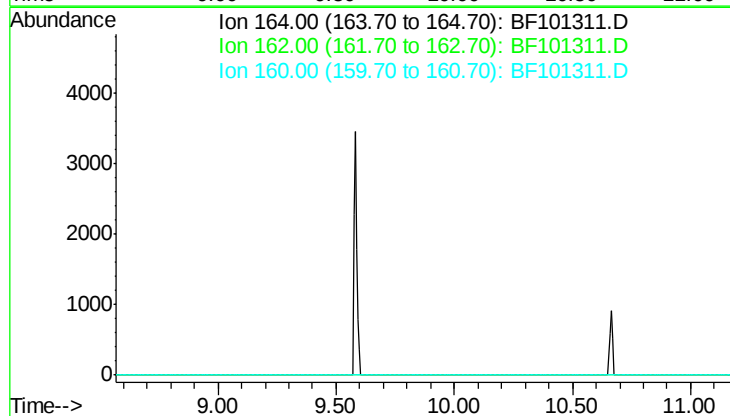


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#38
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.87 min
 Lab File: BF101311.D
 Acq: 12 Dec 2017 3:49

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 107.6
 160 47.9

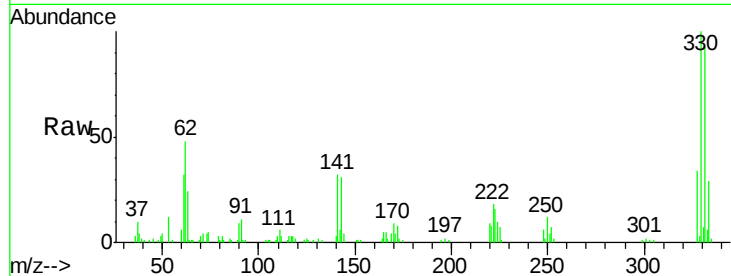




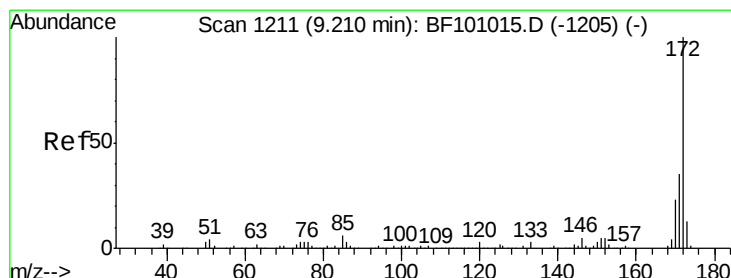
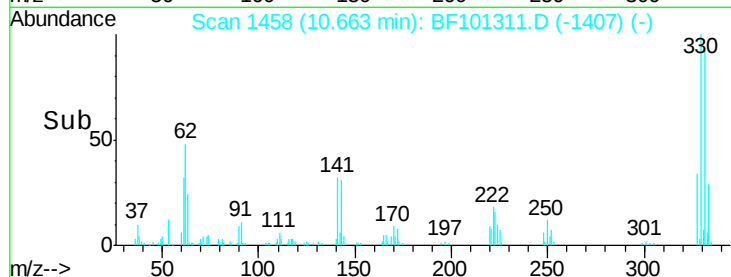
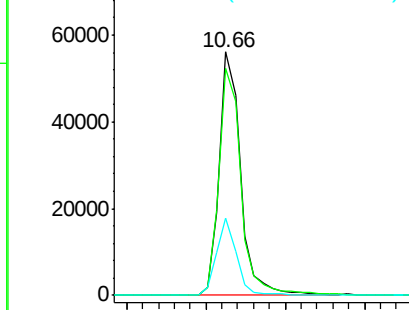
#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.00 min
 Lab File: BF101311.D
 Acq: 12 Dec 2017 3:49

Instrument :
 BNA_F
 ClientSampleId :
 MAP-8-E(4-5)

Tot Ion:330 Resp: 52455
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 29.8 29.9 44.9#

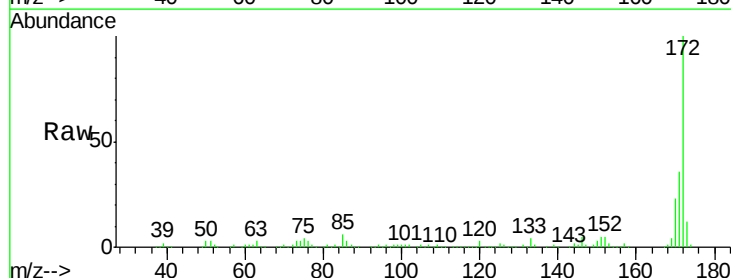


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

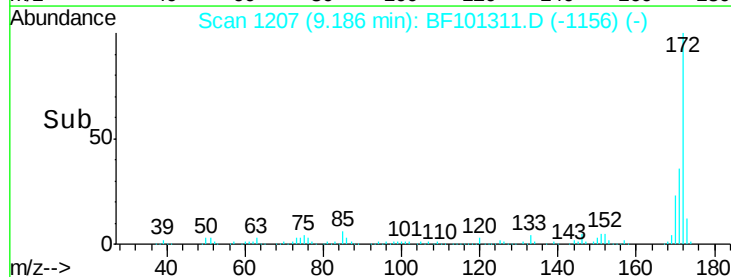
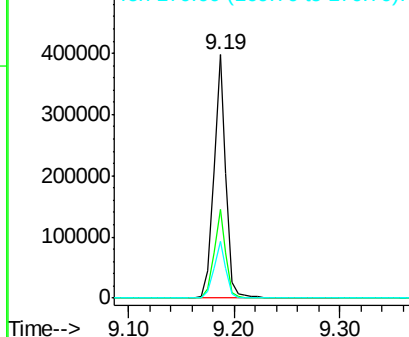


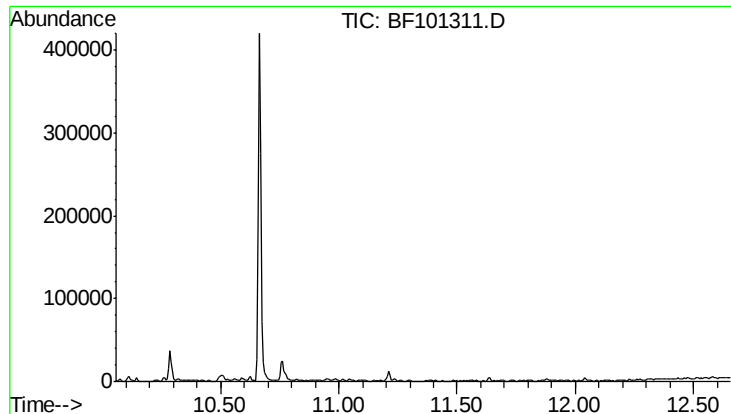
#44
 2-Fluorobiphenyl
 Concen: 0.000 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF101311.D
 Acq: 12 Dec 2017 3:49

Tgt Ion:172 Resp: 320730
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.7 44.5
 170 23.3 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

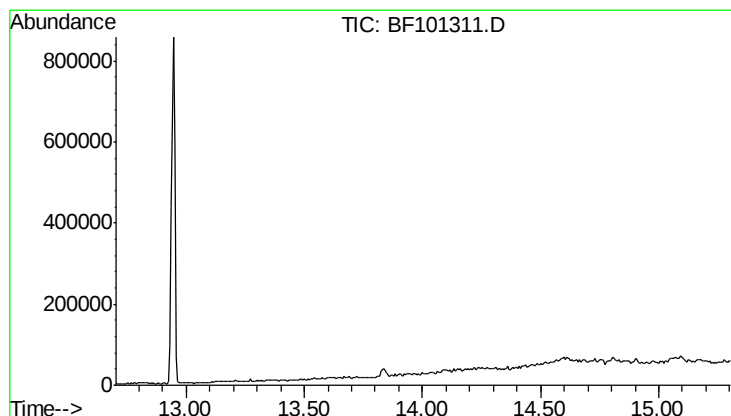
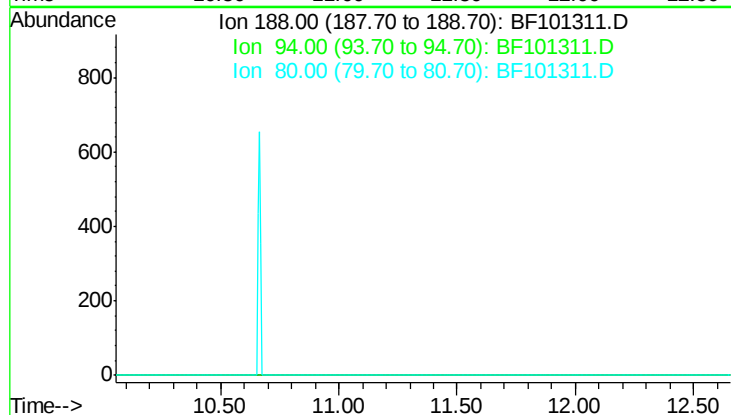




#63
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.36 min
 Lab File: BF101311.D
 Acq: 12 Dec 2017 3:49

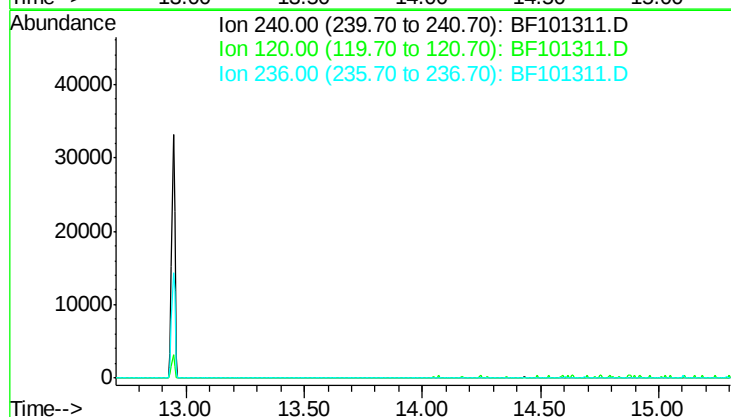
Instrument :
 BNA_F
 ClientSampleId :
 MAP-8-E(4-5)

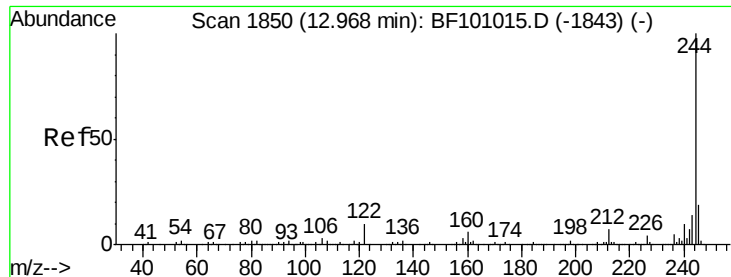
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 10.6
 80 11.5



#75
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 14.00 min
 Lab File: BF101311.D
 Acq: 12 Dec 2017 3:49

Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 11.9
 236 25.9





#78

Terphenyl-d14

Concen: 0.000 ng

RT: 12.94 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BF101311.D

Acq: 12 Dec 2017 3:49

Instrument :

BNA_F

ClientSampleId :

MAP-8-E(4-5)

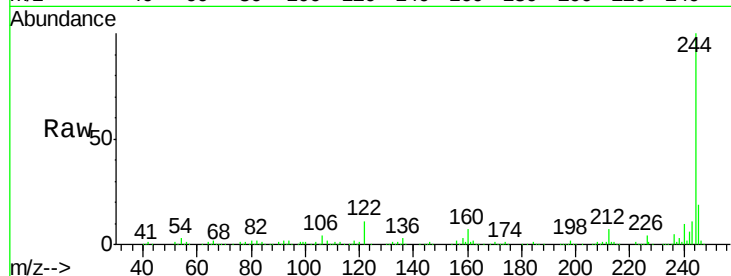
Tot Ion: 244 Resp: 274521

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

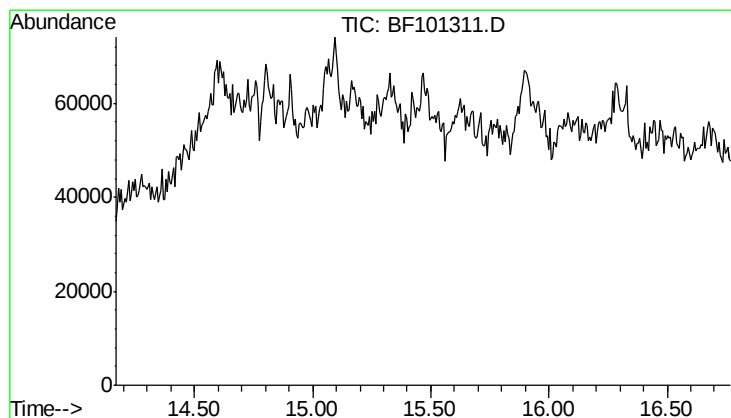
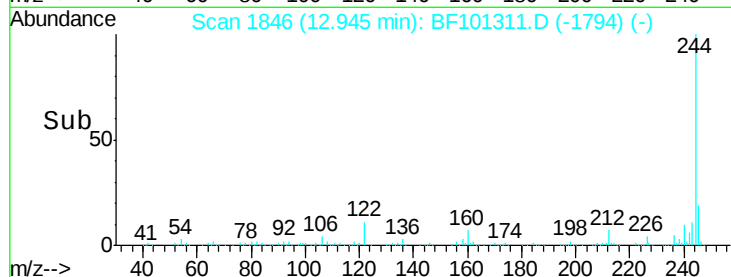
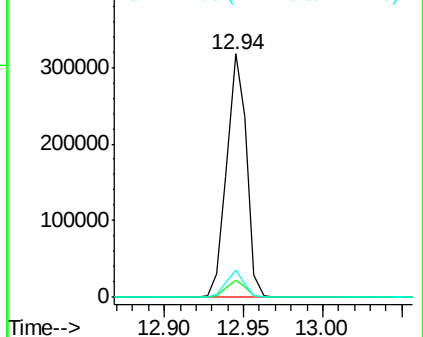
122 11.0 11.0 16.4#



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: 0.000 ng

Expected RT: 15.47 min

Lab File: BF101311.D

Acq: 12 Dec 2017 3:49

Tgt Ion: 264

Sig Exp Ratio

264 100

260 24.0

265 21.9

