

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF022018\
 Data File : BF103113.D
 Acq On : 20 Feb 2018 9:41
 Operator : SJ/JU
 Sample : J1573-08
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB021318

Quant Time: Feb 20 13:27:35 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 16 14:34:49 2018
 Response via : Initial Calibration

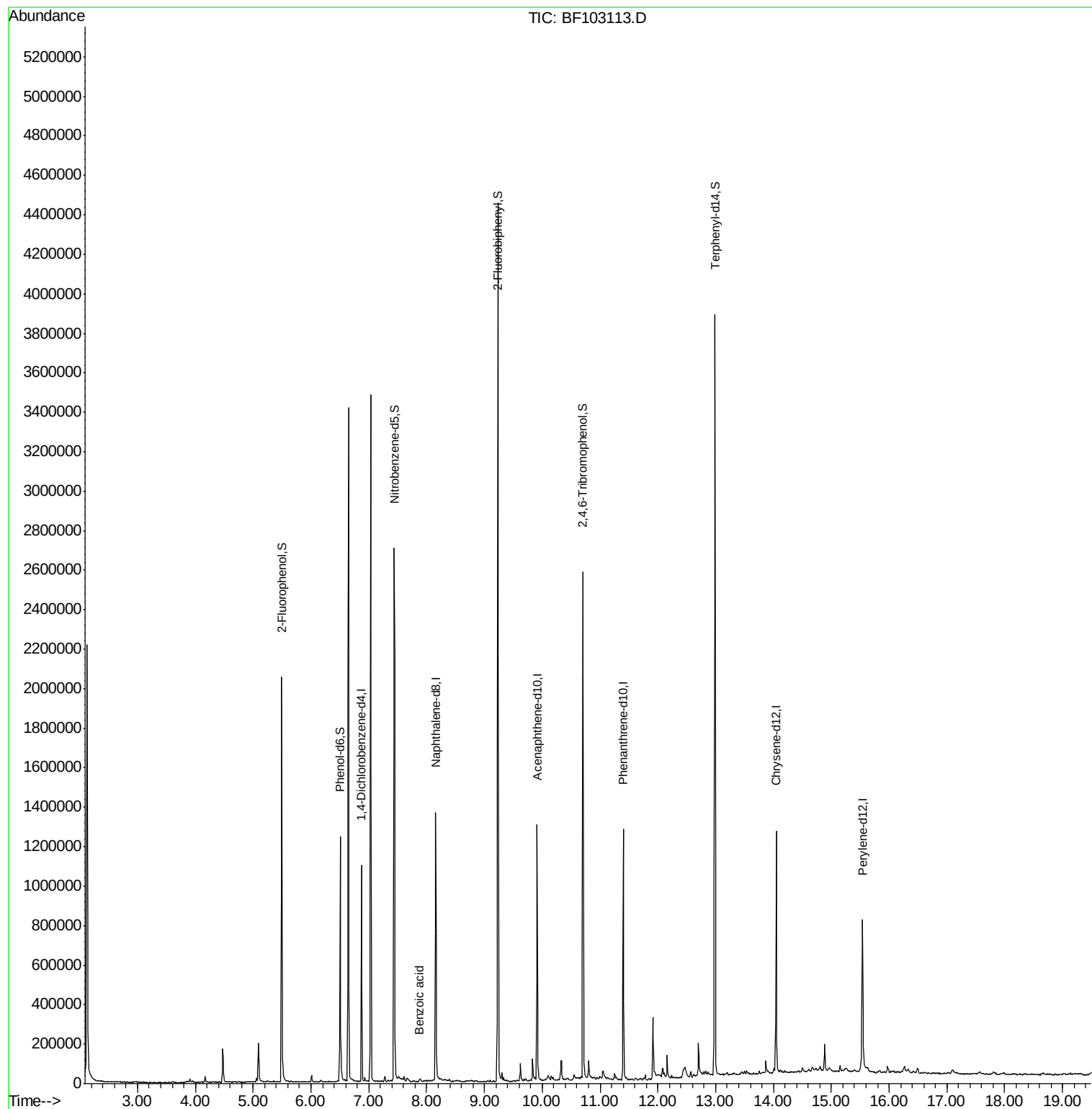
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	142853	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	584508	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	265935	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	479216	20.00	ng	0.00
75) Chrysene-d12	14.05	240	399330	20.00	ng	-0.01
86) Perylene-d12	15.54	264	345877	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	567898	60.37	ng	0.00
7) Phenol-d6	6.50	99	432460	38.18	ng	0.00
23) Nitrobenzene-d5	7.44	82	935068	110.98	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	318243	148.68	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1492940	93.16	ng	0.00
78) Terphenyl-d14	12.99	244	1488137	88.24	ng	0.00
Target Compounds						
32) Benzoic acid	7.87	122	2564	8.971	ng	Qvalue # 86

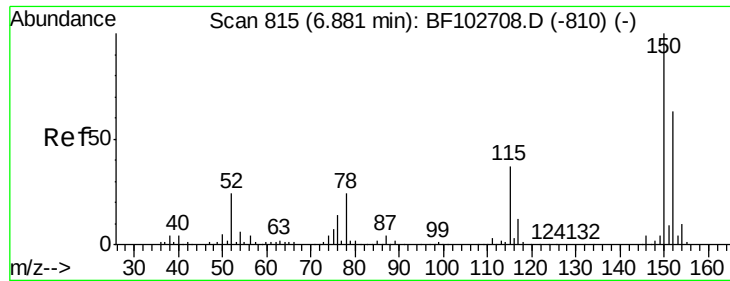
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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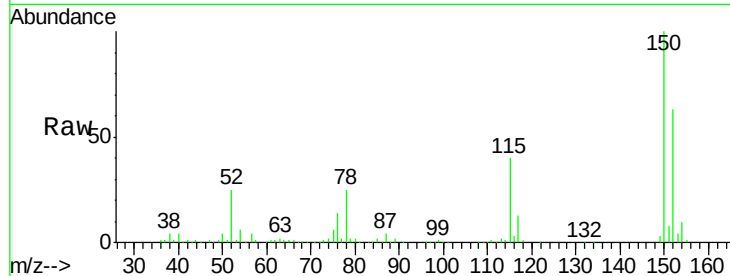


#1

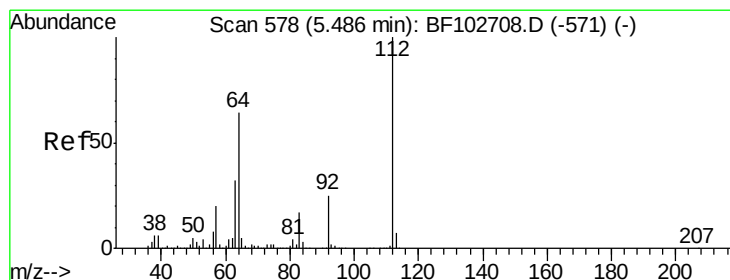
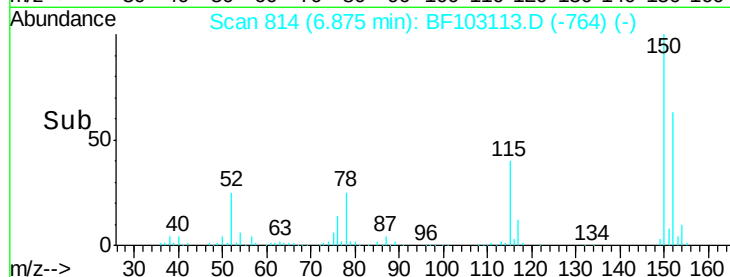
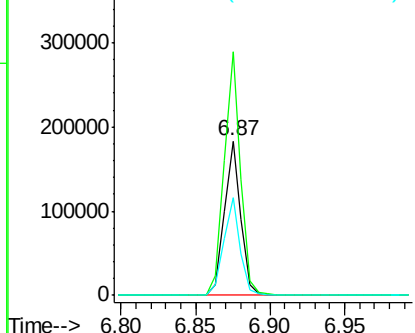
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
FB021318

Tot Ion:152 Resp: 142853
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 62.9 50.1 75.1



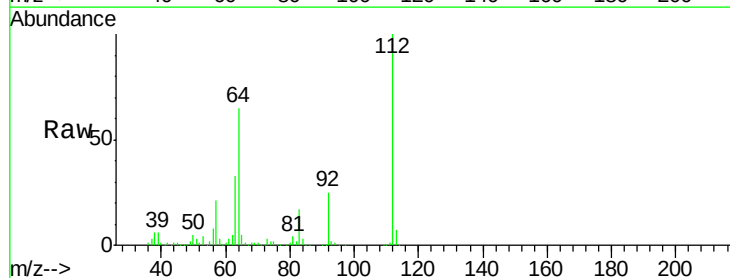
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



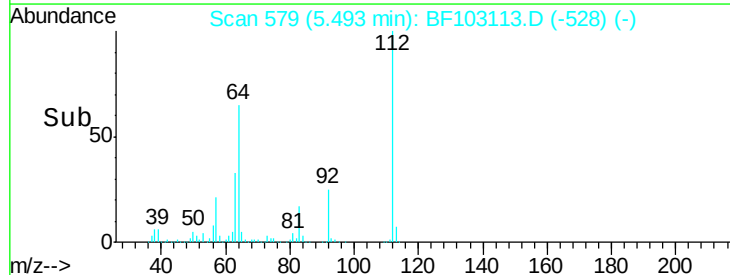
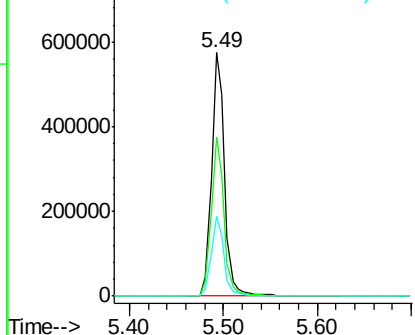
#5

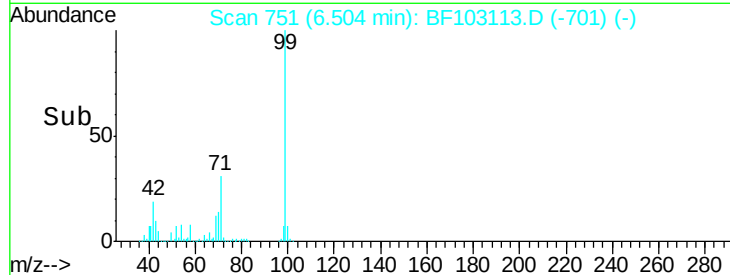
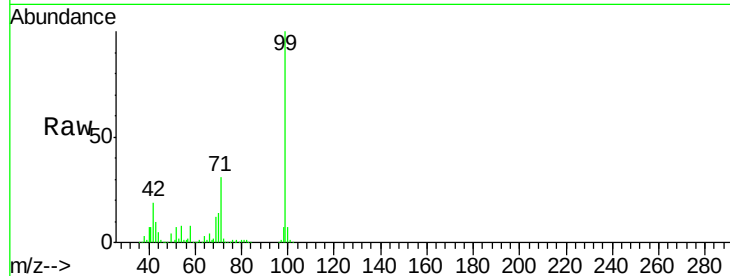
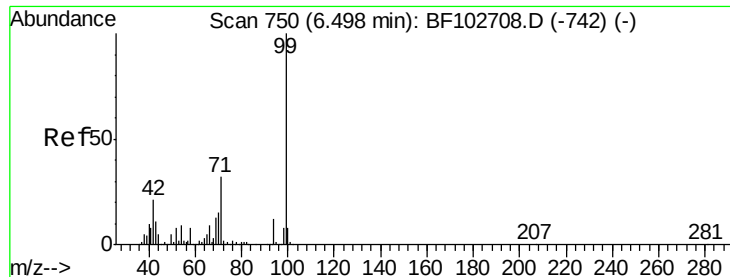
2-Fluorophenol
Concen: 60.373 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.00 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

Tgt Ion:112 Resp: 567898
Ion Ratio Lower Upper
112 100
64 65.4 47.9 71.9
63 32.7 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: 38.183 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

FB021318

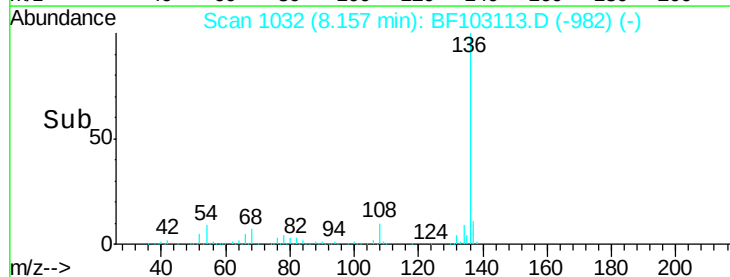
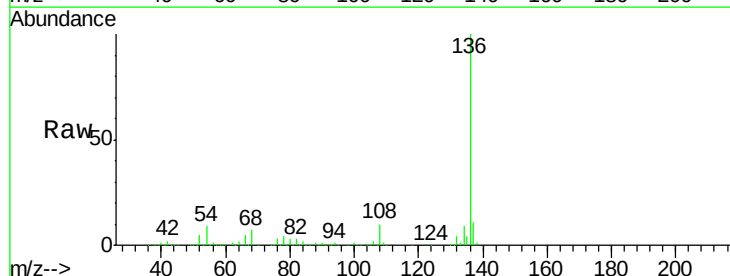
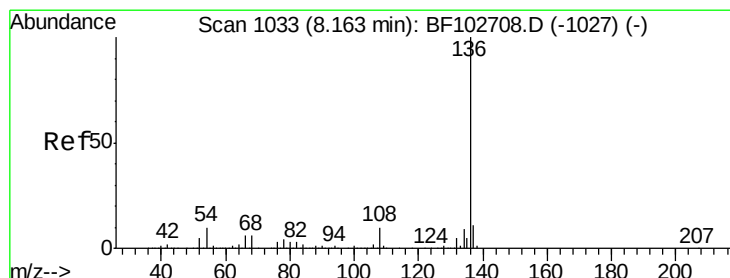
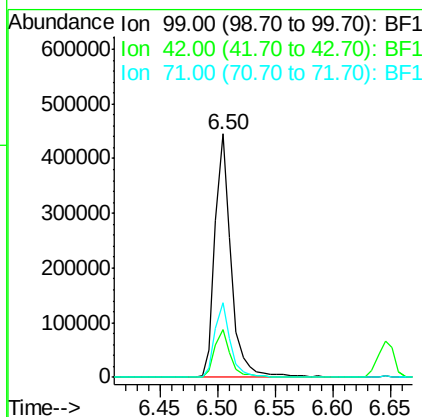
Tot Ion: 99 Resp: 432460

Ion Ratio Lower Upper

99 100

42 19.5 14.5 21.7

71 30.6 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

Tgt Ion: 136 Resp: 584508

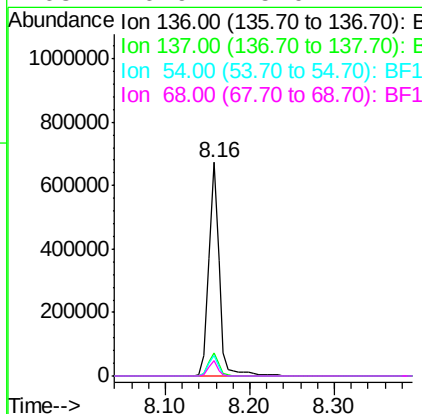
Ion Ratio Lower Upper

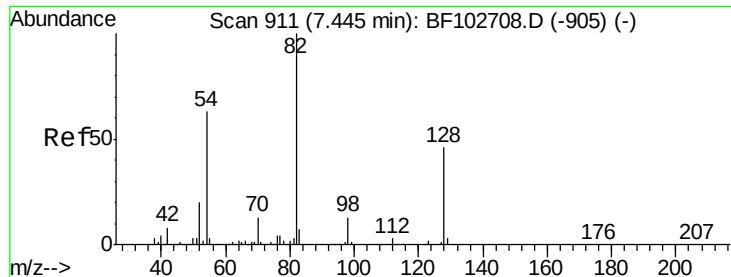
136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.9 5.0 7.4

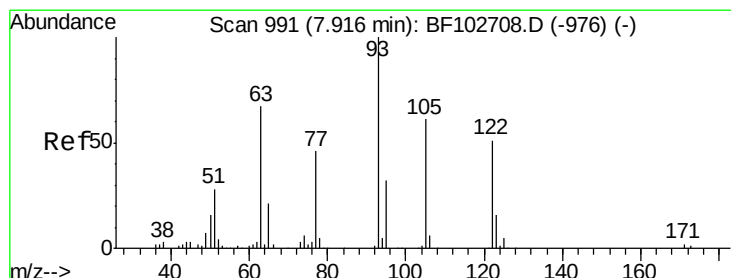
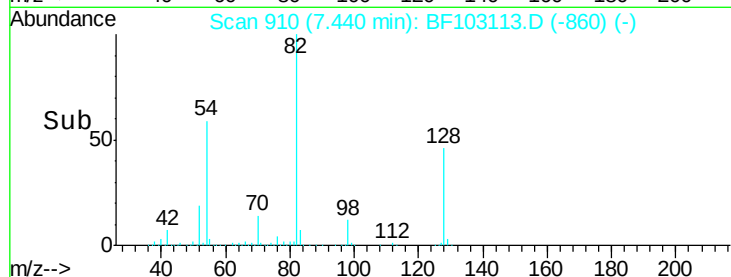
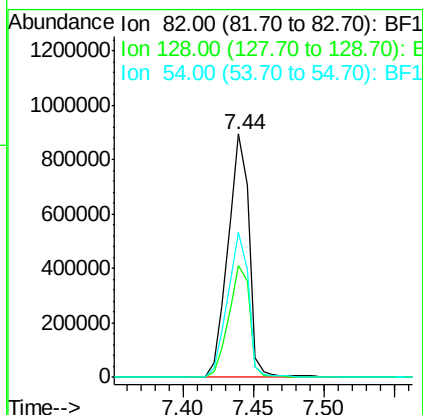
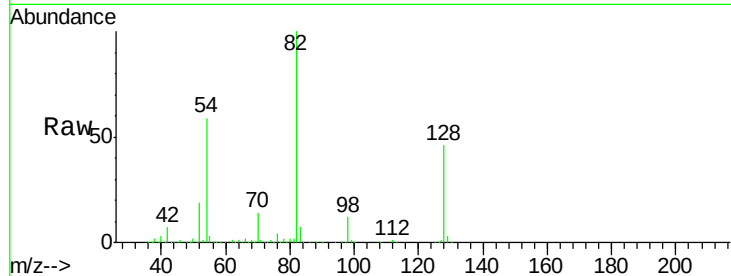




#23
Nitrobenzene-d5
Concen: 110.976 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

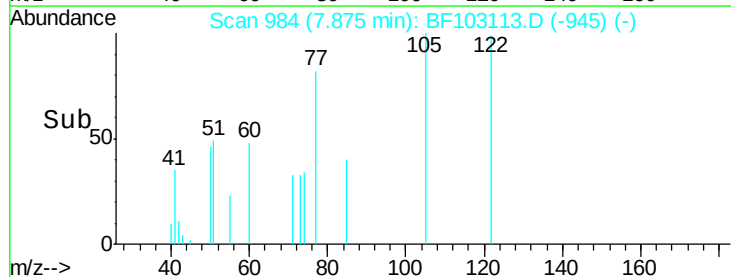
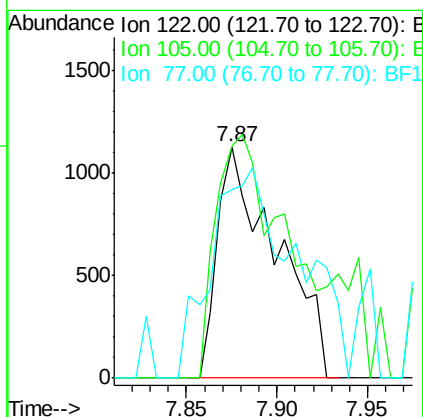
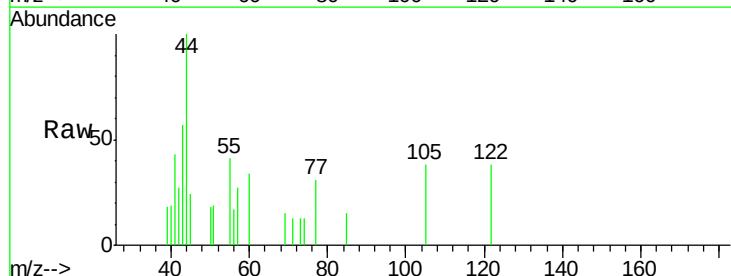
Instrument :
BNA_F
ClientSampleId :
FB021318

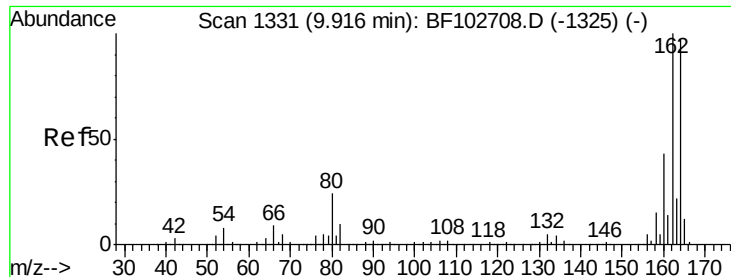
Tot Ion	82	Resp	935068
Ion Ratio	100	Lower	Upper
128	45.9	36.1	54.1
54	59.4	41.4	62.2



#32
Benzoic acid
Concen: 8.971 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.07 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

Tgt Ion	122	Resp	2564
Ion Ratio	100	Lower	Upper
105	100.5	101.1	141.1#
77	81.9	70.7	110.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

FB021318

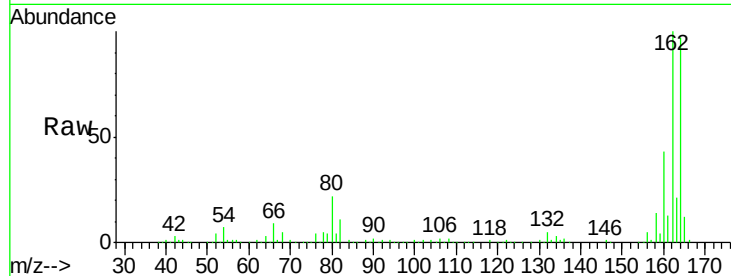
Tot Ion:164 Resp: 265935

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

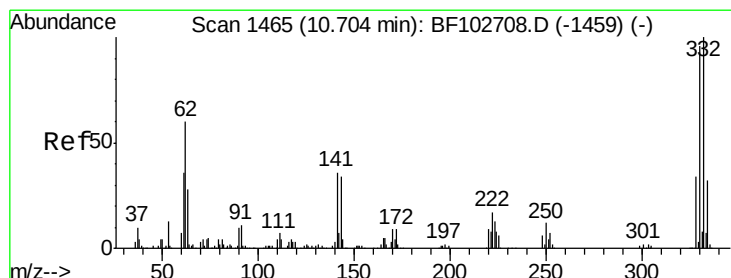
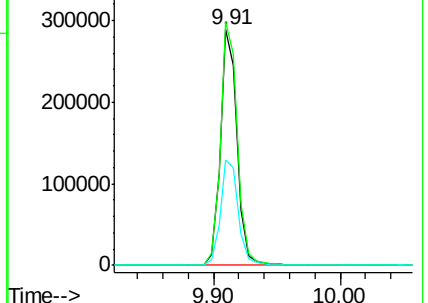
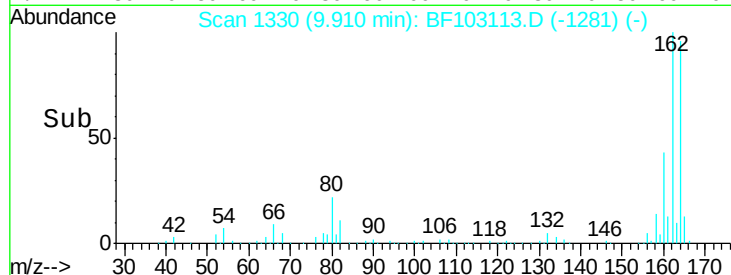
160 44.8 38.3 57.5



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: 148.679 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

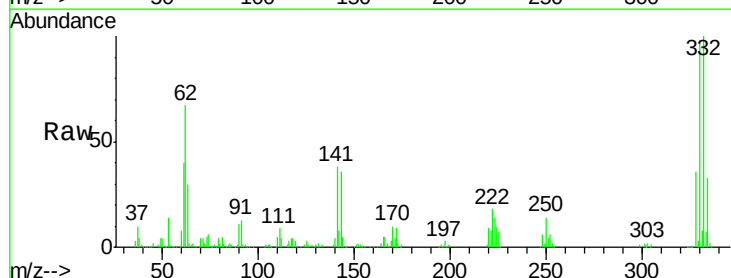
Tgt Ion:330 Resp: 318243

Ion Ratio Lower Upper

330 100

332 102.3 77.0 115.6

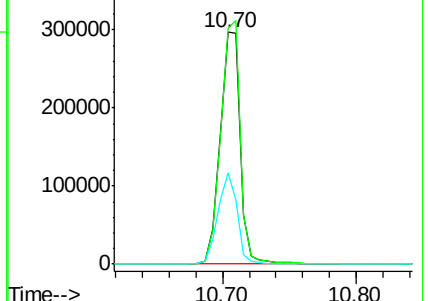
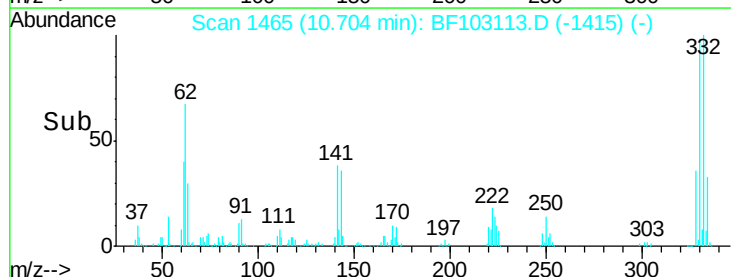
141 38.0 29.9 44.9

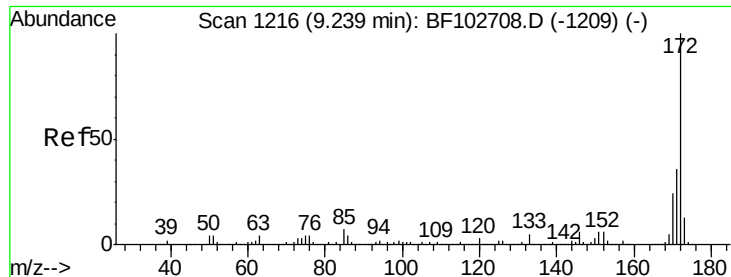


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

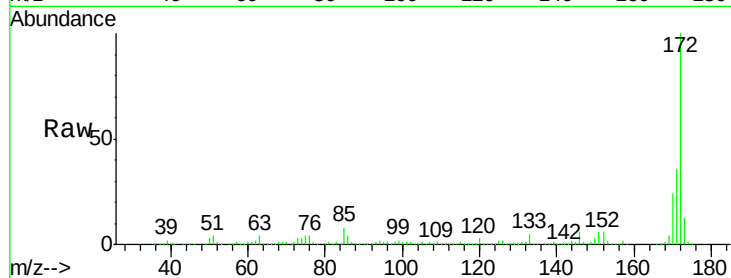




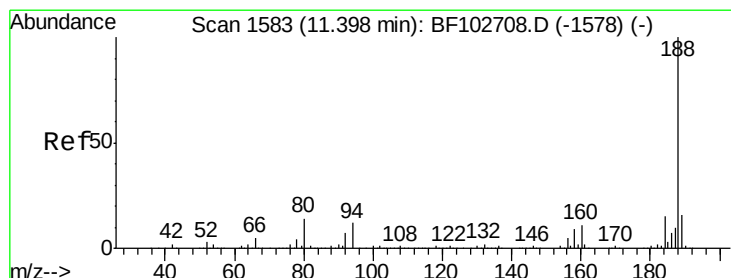
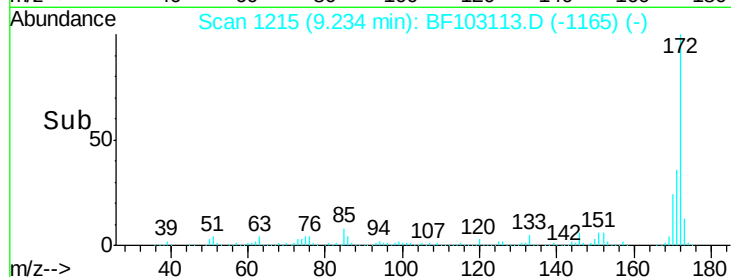
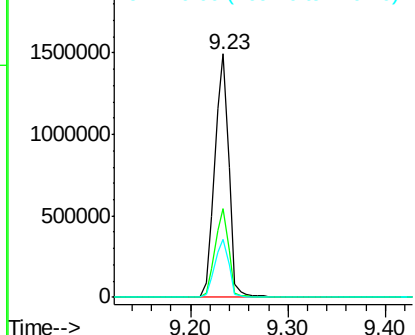
#44
2-Fluorobiphenyl
Concen: 93.155 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
FB021318

Tot Ion:172 Resp: 1492940
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.0 19.6 29.4

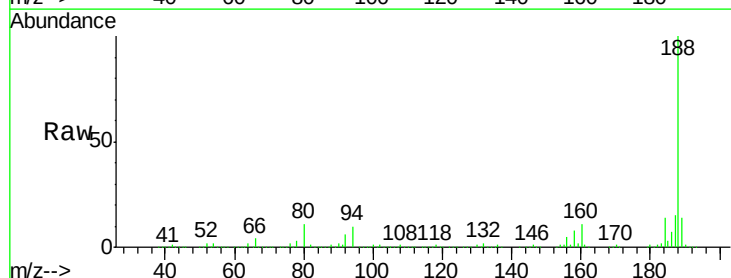


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

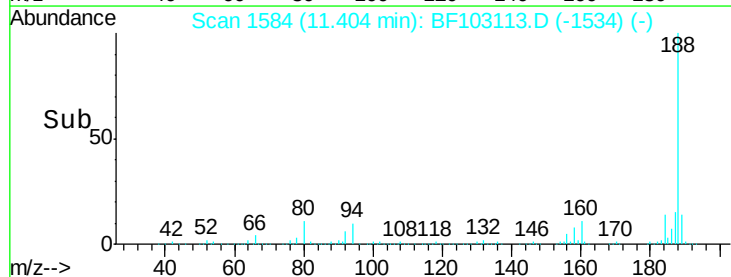
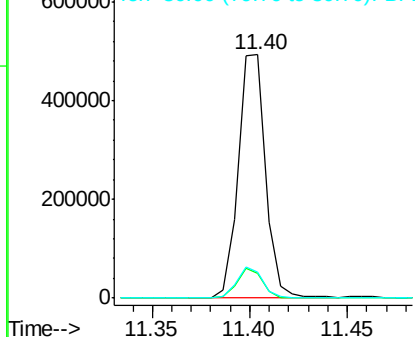


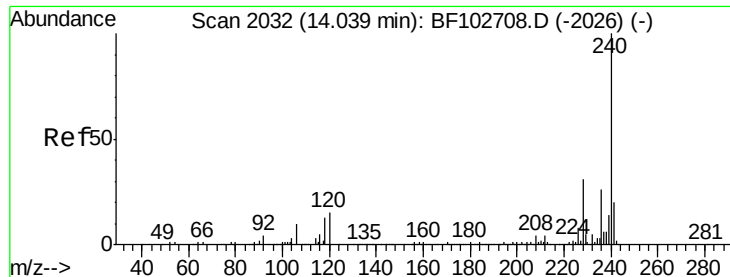
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

Tgt Ion:188 Resp: 479216
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

Instrument :

BNA_F

ClientSampleId :

FB021318

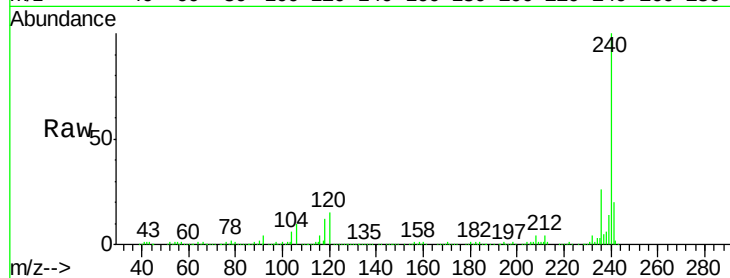
Tot Ion:240 Resp: 399330

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

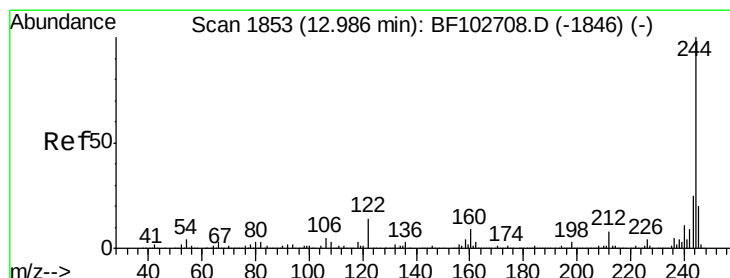
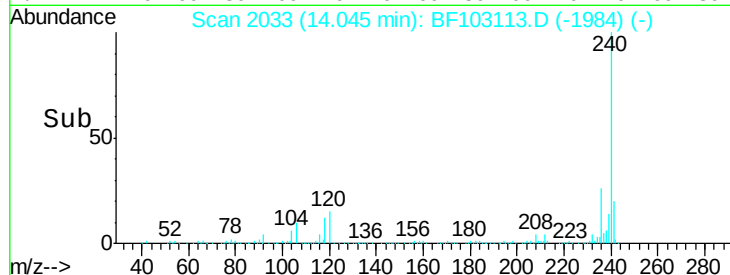
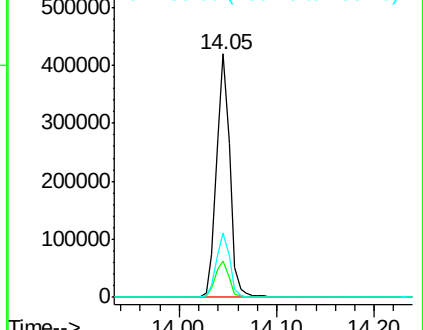
236 26.5 20.7 31.1



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: 88.237 ng

RT: 12.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BF103113.D

Acq: 20 Feb 2018 9:41

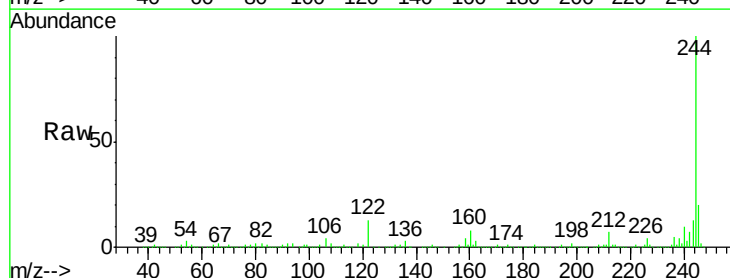
Tgt Ion:244 Resp: 1488137

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

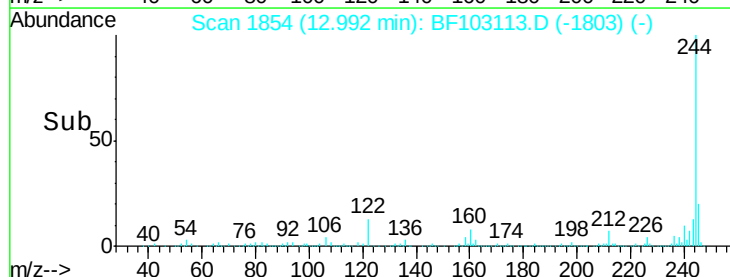
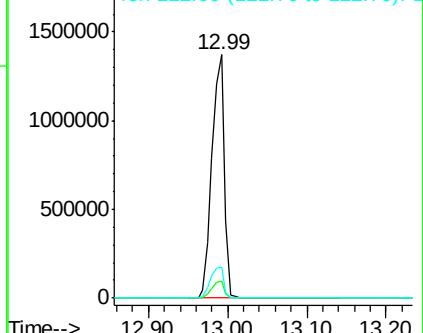
122 12.7 11.0 16.4

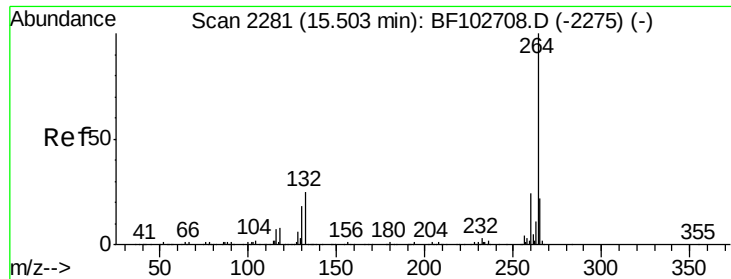


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

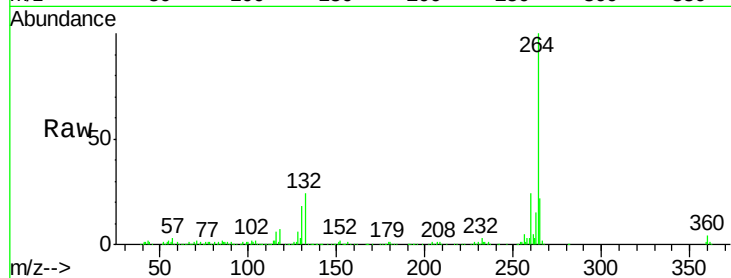




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BF103113.D
Acq: 20 Feb 2018 9:41

Instrument :
BNA_F
ClientSampleId :
FB021318

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.7	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

