

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092820\
 Data File : BF121720.D
 Acq On : 28 Sep 2020 19:15
 Operator : JU/CG
 Sample : L4154-04 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Sep 29 01:02:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 11:40:42 2020
 Response via : Initial Calibration

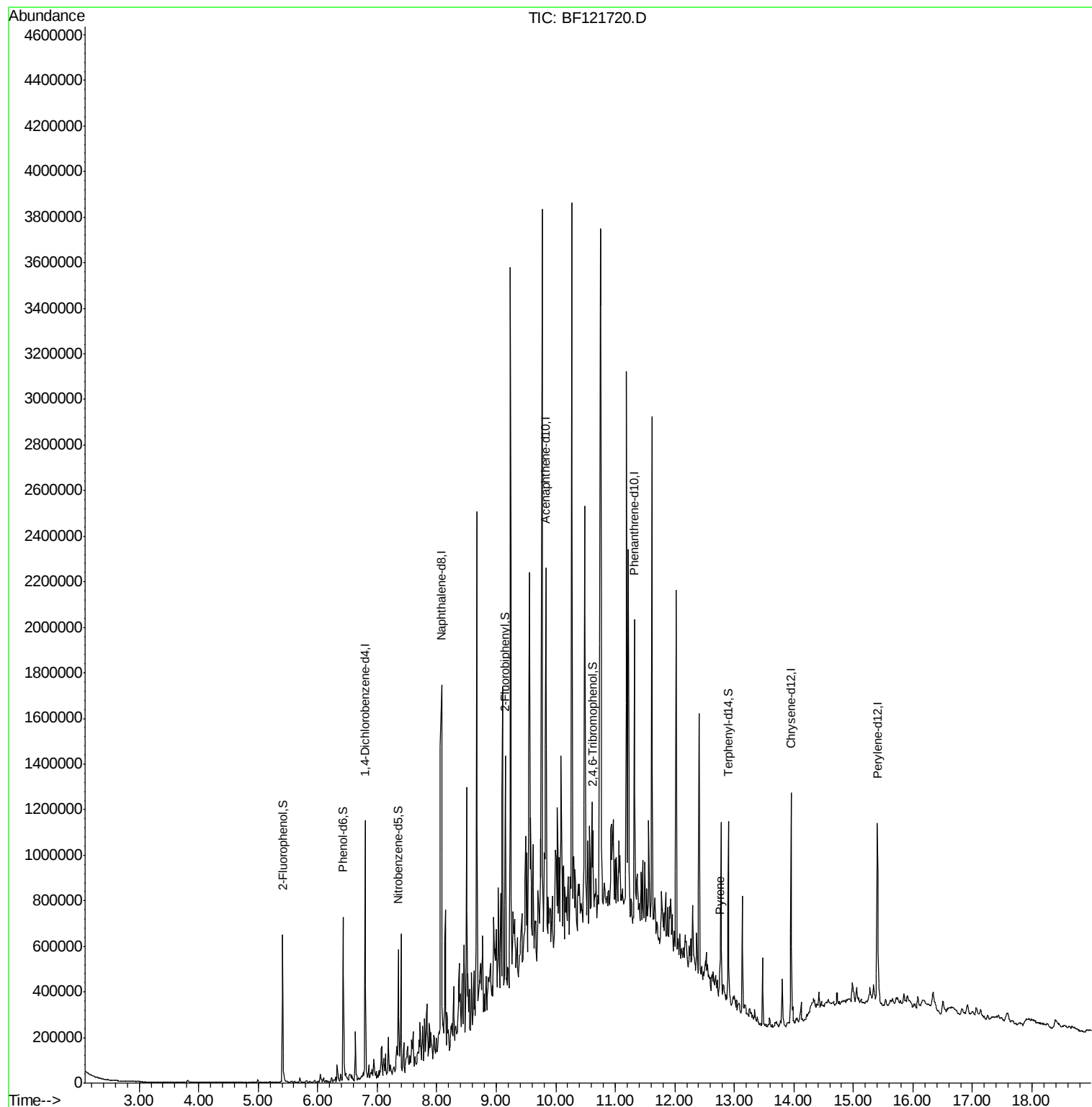
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	158622	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	589783	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	279654	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	437936	20.00	ng	0.00
76) Chrysene-d12	13.96	240	352691	20.00	ng	0.00
86) Perylene-d12	15.40	264	342602	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	181457	17.00	ng	0.00
7) Phenol-d6	6.43	99	234298	16.73	ng	-0.01
23) Nitrobenzene-d5	7.36	82	148930	13.56	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	47516	13.67	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	288253	15.61	ng	0.00
79) Terphenyl-d14	12.90	244	211931	12.17	ng	0.00
Target Compounds						
78) Pyrene	12.76	202	57720	2.240	ng	Qvalue 97

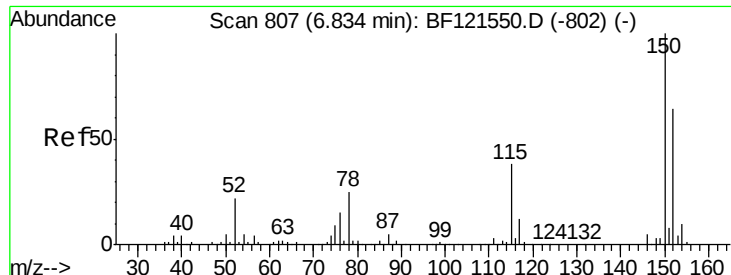
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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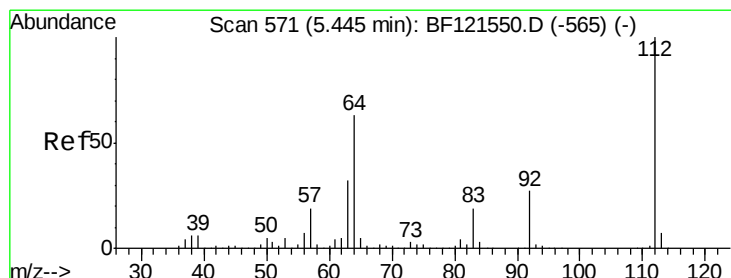
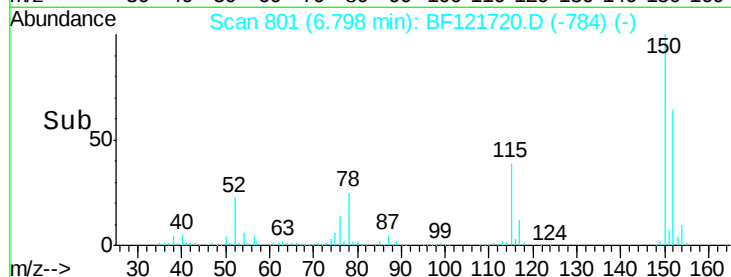
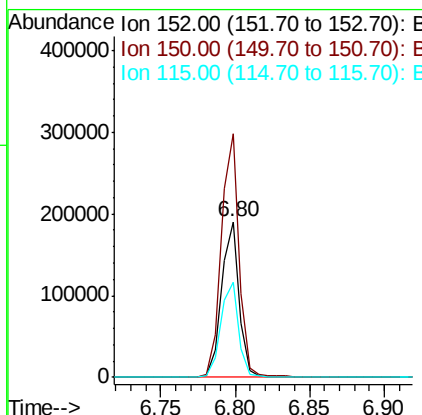
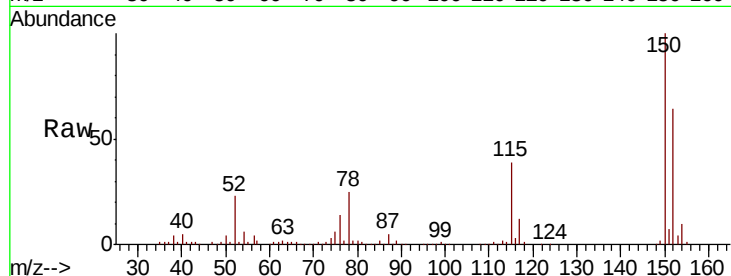




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF121720.D
 Acq: 28 Sep 2020 19:15

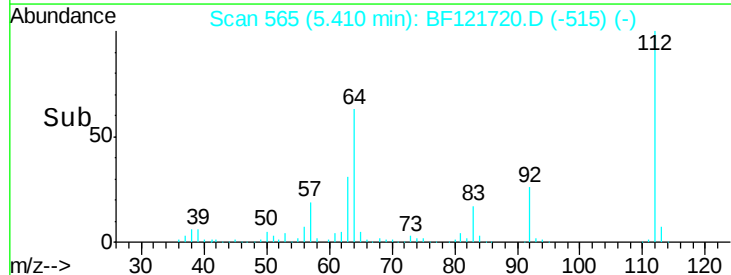
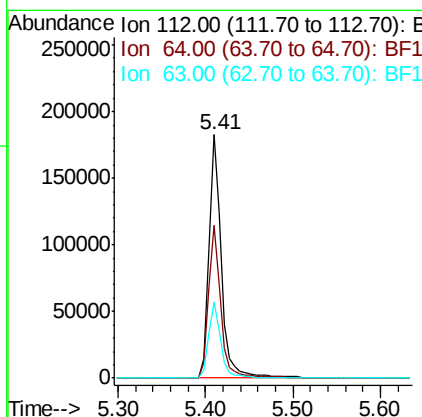
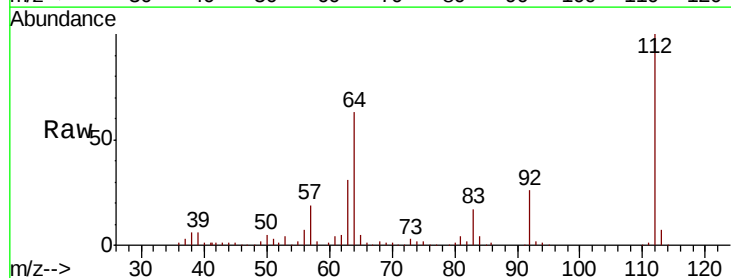
Instrument :
 BNA_F
 ClientSampled :
 DUP-1

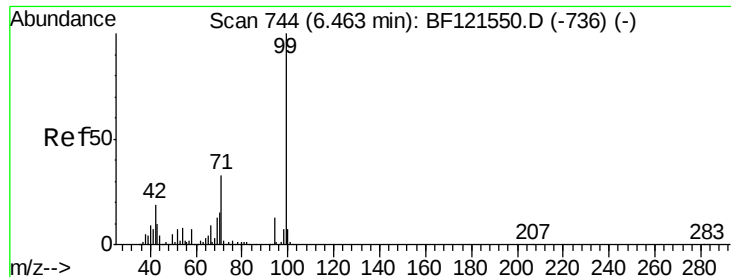
Tot Ion:152 Resp: 158622
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.6 184.0
 115 60.9 47.1 70.7



#5
 2-Fluorophenol
 Concen: 17.001 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.01 min
 Lab File: BF121720.D
 Acq: 28 Sep 2020 19:15

Tgt Ion:112 Resp: 181457
 Ion Ratio Lower Upper
 112 100
 64 62.7 49.5 74.3
 63 31.4 25.4 38.0





#7

Phenol-d6

Concen: 16.732 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF121720.D

Acq: 28 Sep 2020 19:15

Instrument :

BNA_F

ClientSampleId :

DUP-1

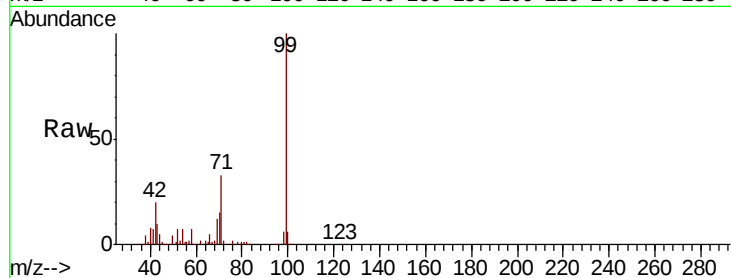
Tot Ion: 99 Resp: 234298

Ion Ratio Lower Upper

99 100

42 20.0 16.1 24.1

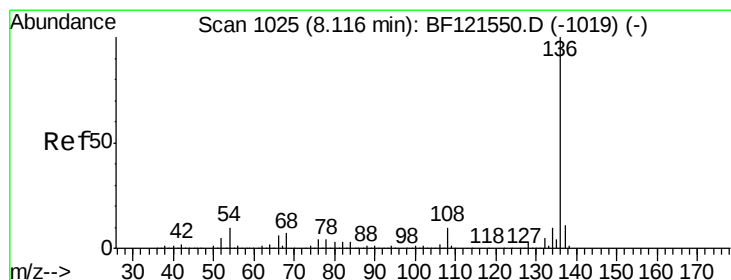
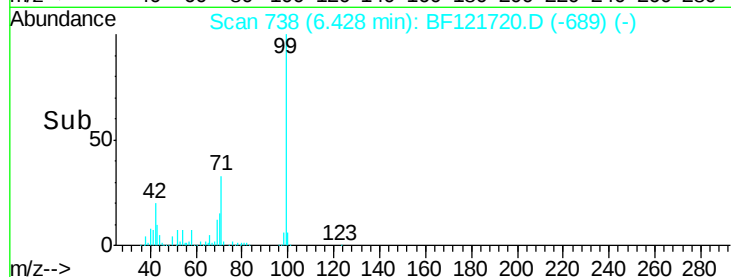
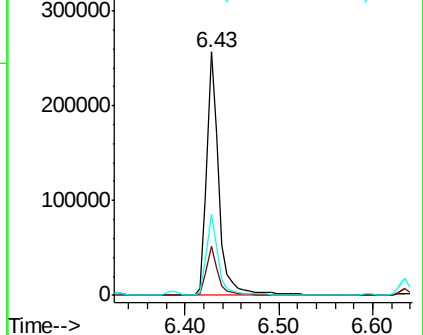
71 33.4 27.6 41.4



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: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF121720.D

Acq: 28 Sep 2020 19:15

Tgt Ion: 136 Resp: 589783

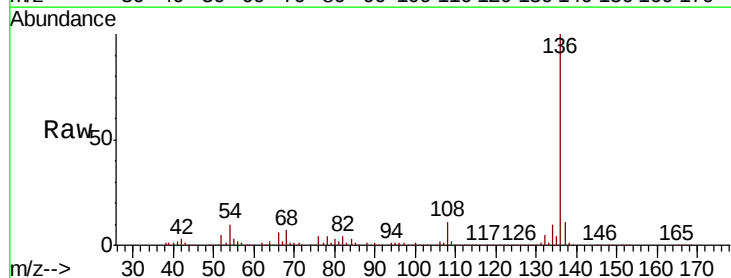
Ion Ratio Lower Upper

136 100

137 11.4 8.8 13.2

54 9.7 7.5 11.3

68 7.2 5.5 8.3

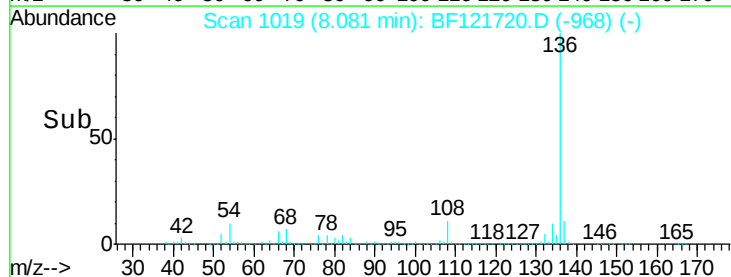
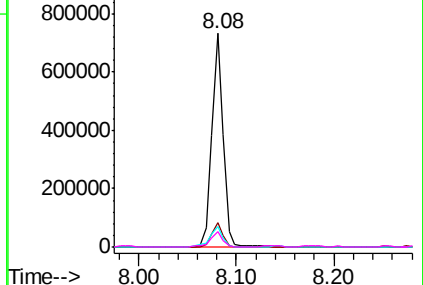


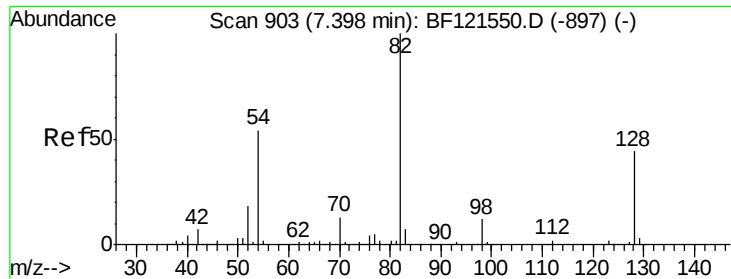
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

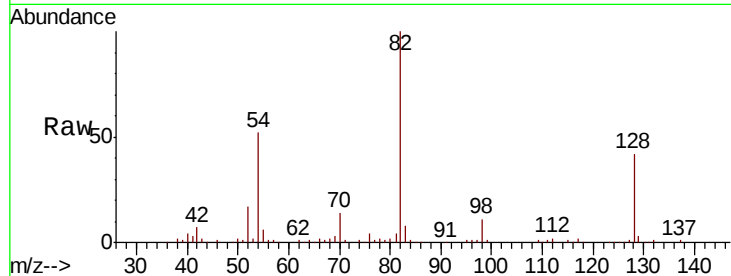




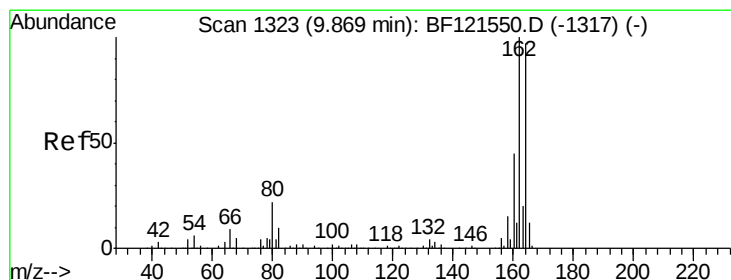
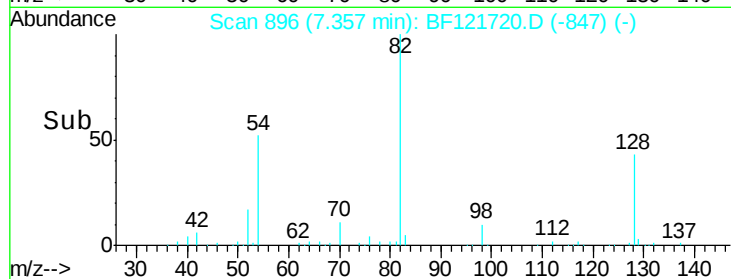
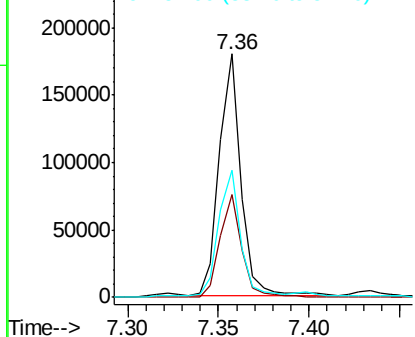
#23
Nitrobenzene-d5
Concen: 13.558 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF121720.D
Acq: 28 Sep 2020 19:15

Instrument :
BNA_F
ClientSampleID :
DUP-1

Tot Ion	82	Resp	148930
Ion Ratio	Lower	Upper	
82	100		
128	42.3	35.8	53.6
54	52.4	42.6	63.8

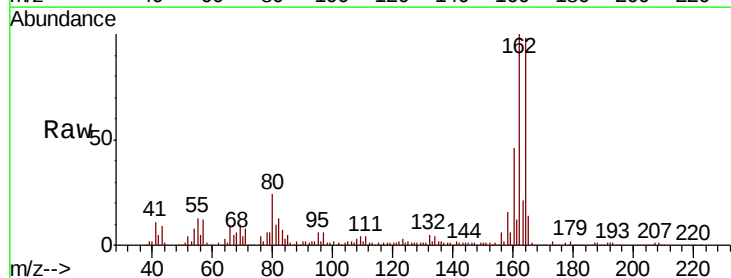


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

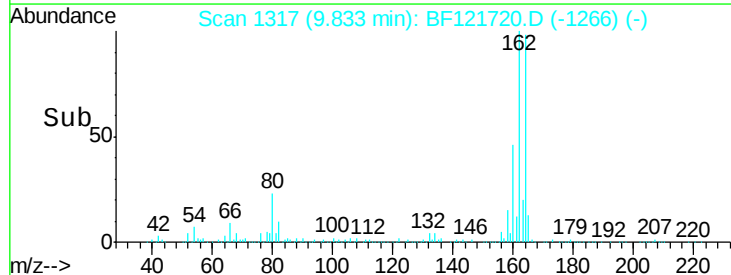
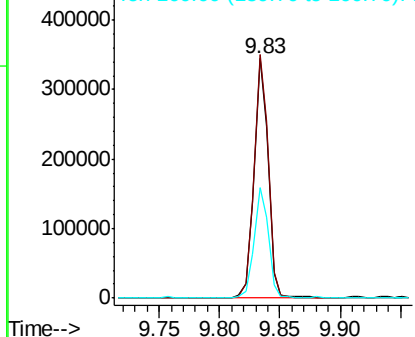


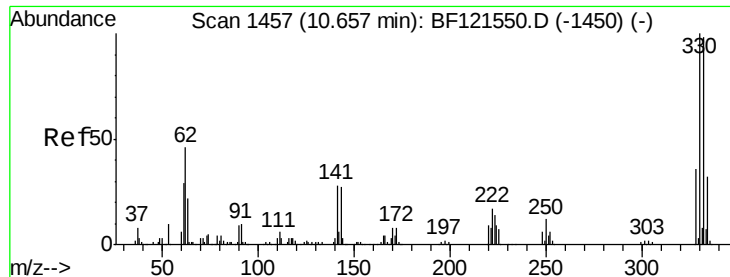
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF121720.D
Acq: 28 Sep 2020 19:15

Tgt Ion	164	Resp	279654
Ion Ratio	Lower	Upper	
164	100		
162	101.7	82.1	123.1
160	46.4	36.8	55.2



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

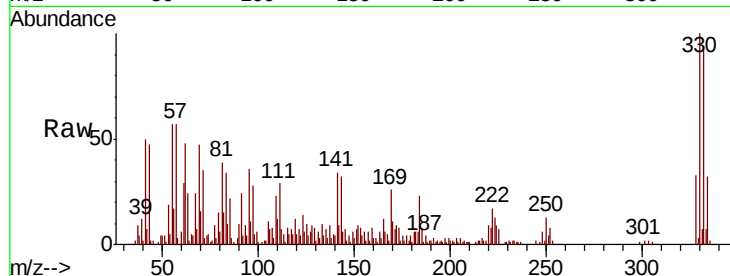




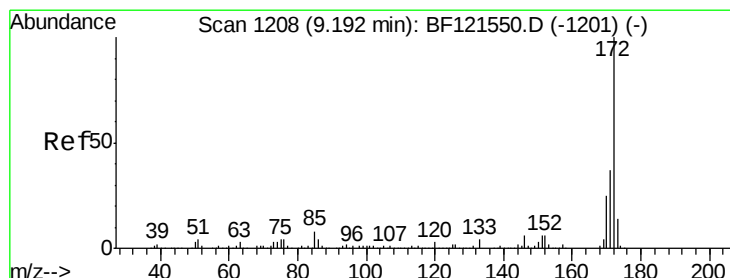
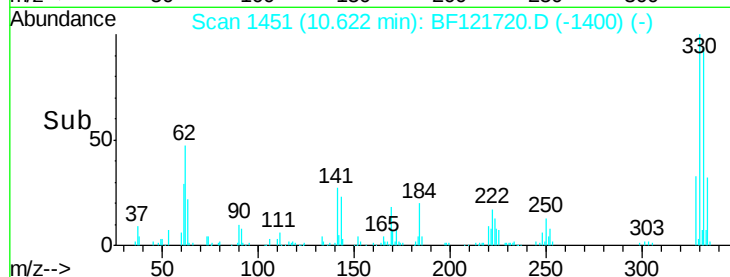
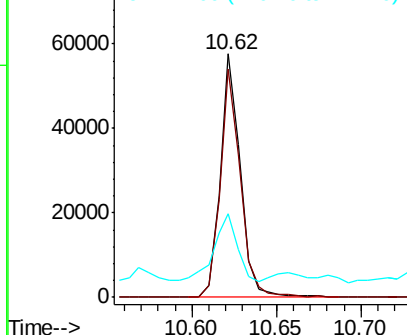
#42
 2,4,6-Tribromophenol
 Concen: 13.671 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. 0.00 min
 Lab File: BF121720.D
 Acq: 28 Sep 2020 19:15

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Tot Ion:330 Resp: 47516
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.0 114.0
 141 32.6 22.2 33.4

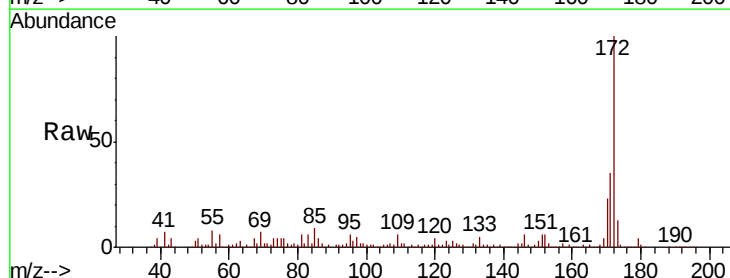


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

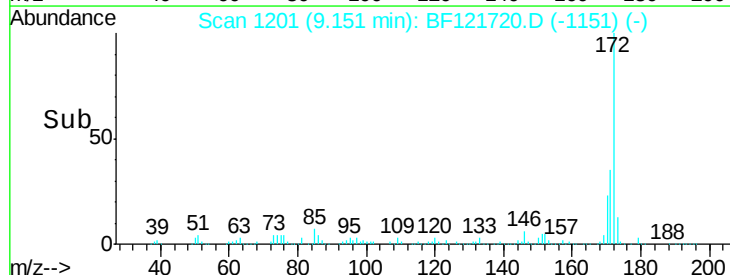
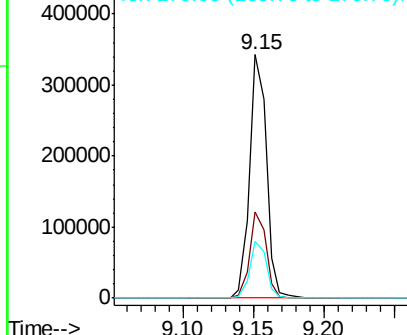


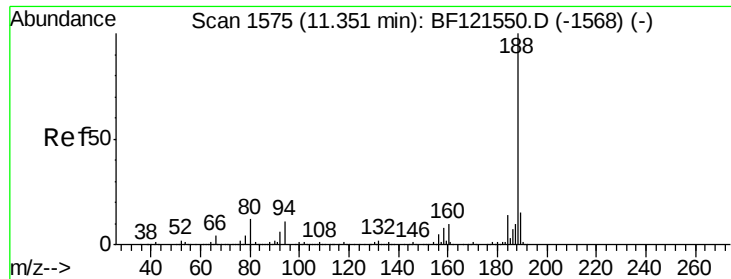
#45
 2-Fluorobiphenyl
 Concen: 15.611 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121720.D
 Acq: 28 Sep 2020 19:15

Tgt Ion:172 Resp: 288253
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.0 43.6
 170 23.2 19.5 29.3



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

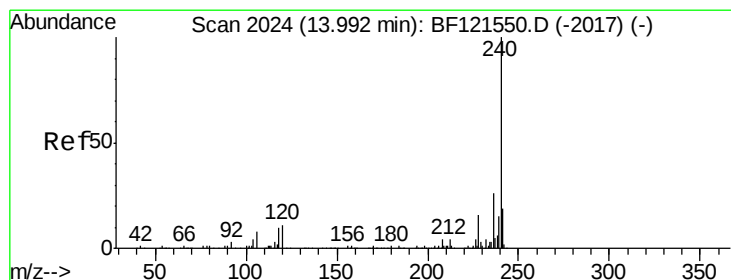
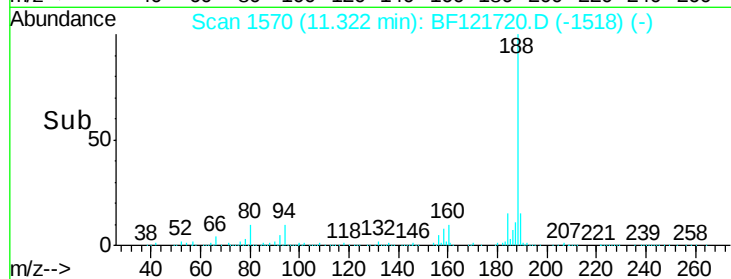
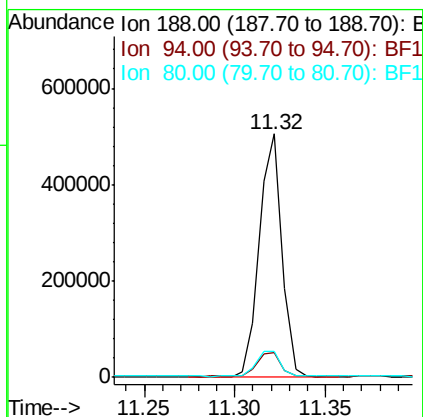
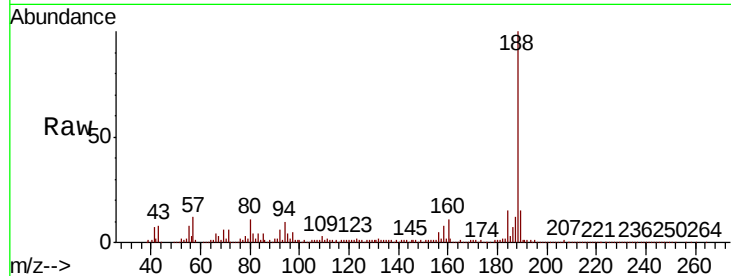




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.01 min
Lab File: BF121720.D
Acq: 28 Sep 2020 19:15

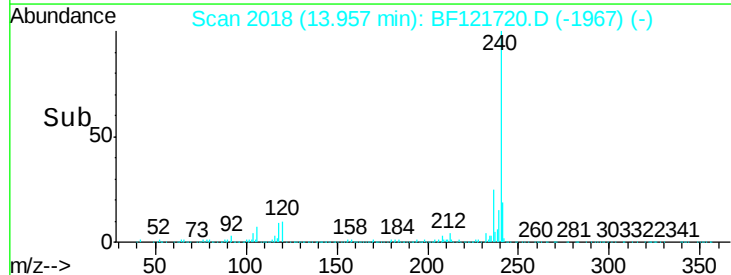
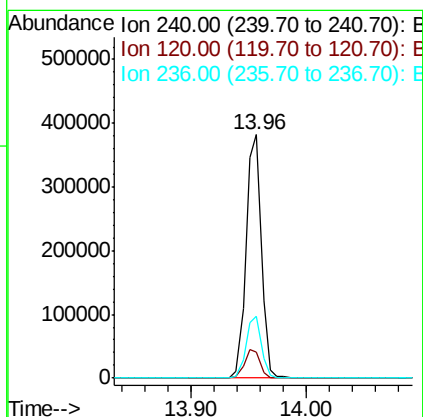
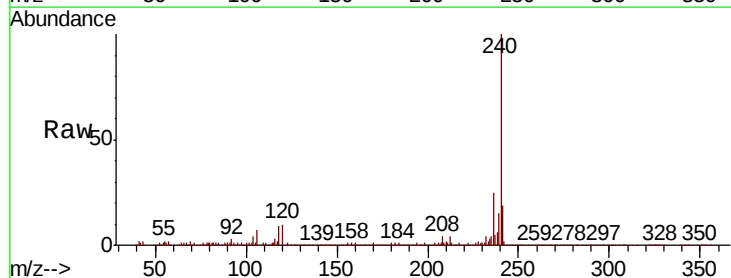
Instrument :
BNA_F
ClientSampleId :
DUP-1

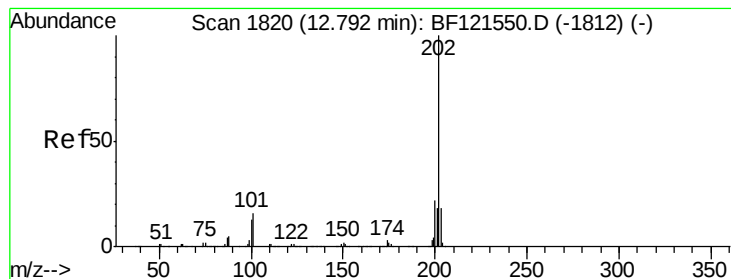
Tot Ion:188 Resp: 437936
Ion Ratio Lower Upper
188 100
94 10.0 8.4 12.6
80 10.6 9.3 13.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF121720.D
Acq: 28 Sep 2020 19:15

Tgt Ion:240 Resp: 352691
Ion Ratio Lower Upper
240 100
120 10.5 9.1 13.7
236 25.5 20.6 30.8





#78

Pvrene

Concen: 2.240 ng

RT: 12.76 min Scan# 1814

Delta R.T. 0.00 min

Lab File: BF121720.D

Acq: 28 Sep 2020 19:15

Instrument :

BNA_F

ClientSampleId :

DUP-1

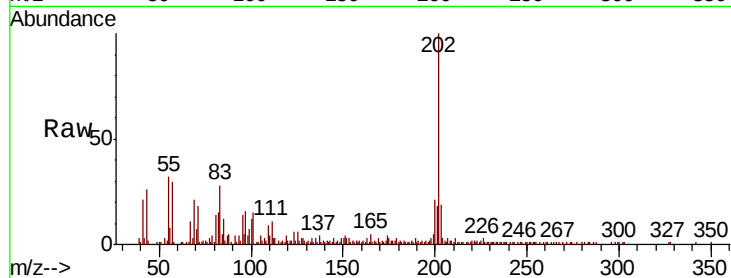
Tot Ion:202 Resp: 57720

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.8

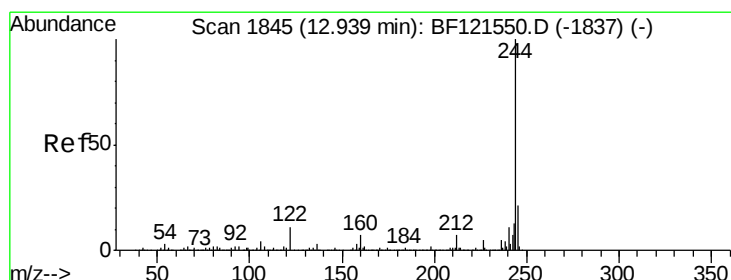
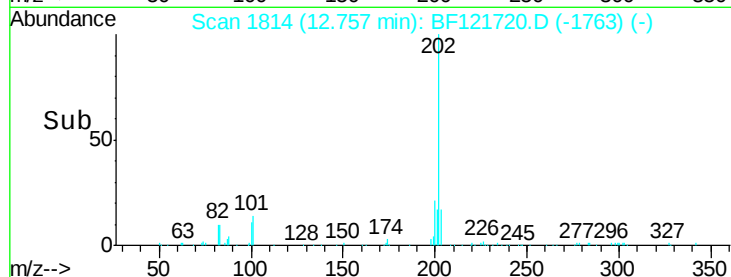
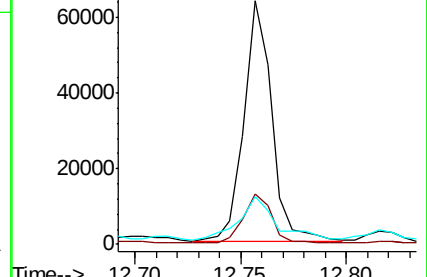
203 19.4 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 12.174 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF121720.D

Acq: 28 Sep 2020 19:15

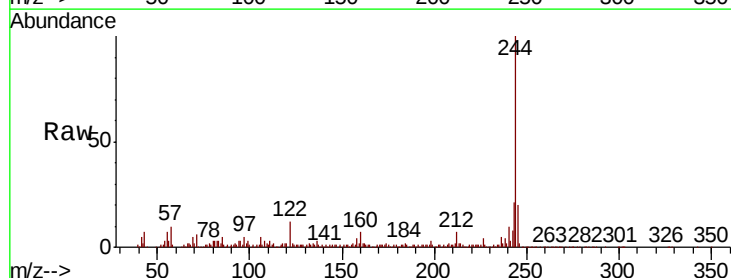
Tgt Ion:244 Resp: 211931

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

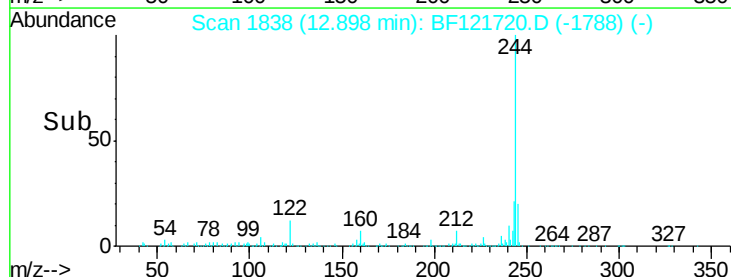
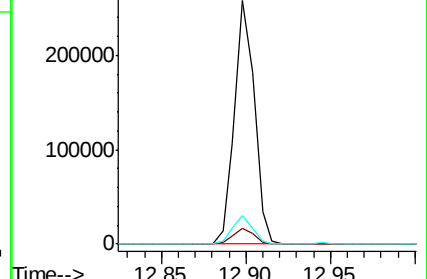
122 12.0 8.0 12.0#

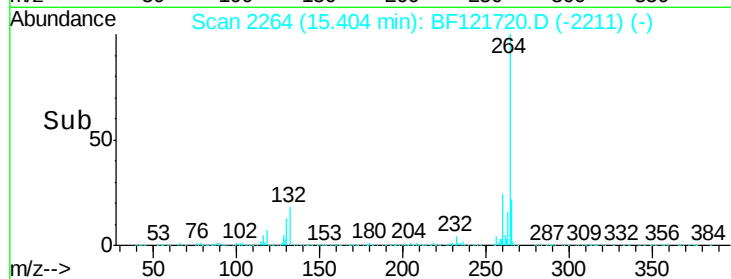
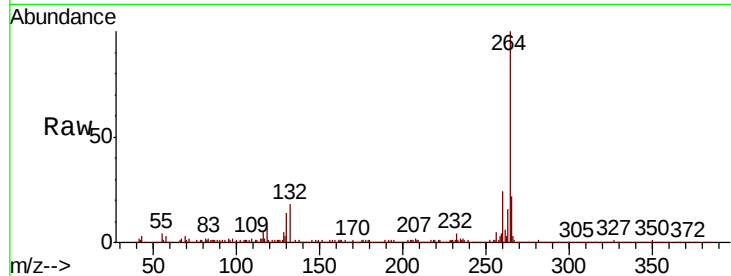
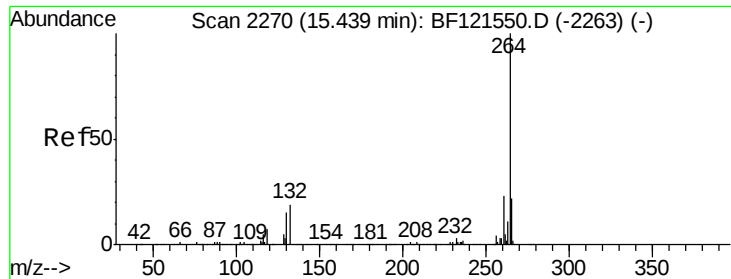


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF121720.D
Acq: 28 Sep 2020 19:15

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.4	27.6
265	21.8	17.2	25.8

