

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121765.D
 Acq On : 1 Oct 2020 14:04
 Operator : JU/CG
 Sample : PB131986BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131986BL

Quant Time: Oct 01 14:41:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	139452	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	548231	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	291914	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	573386	20.00	ng	0.00
76) Chrysene-d12	13.93	240	545703	20.00	ng	0.00
86) Perylene-d12	15.36	264	523979	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1047966	111.68	ng	0.01
7) Phenol-d6	6.41	99	1343911	109.17	ng	0.00
23) Nitrobenzene-d5	7.33	82	930693	91.15	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	453459	124.99	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1613137	83.69	ng	0.00
79) Terphenyl-d14	12.88	244	2000031	74.25	ng	0.00

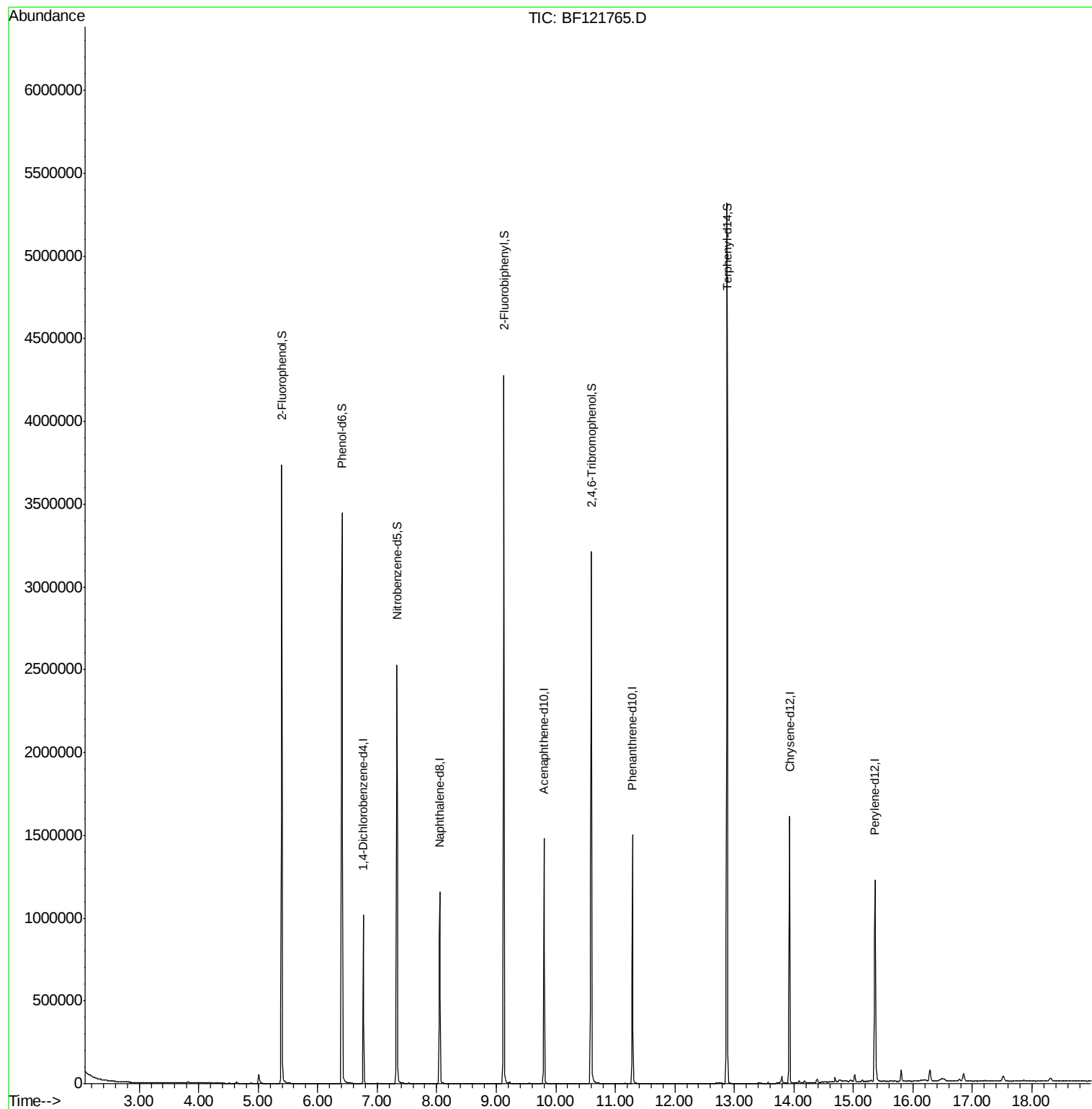
Target Compounds Qvalue

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

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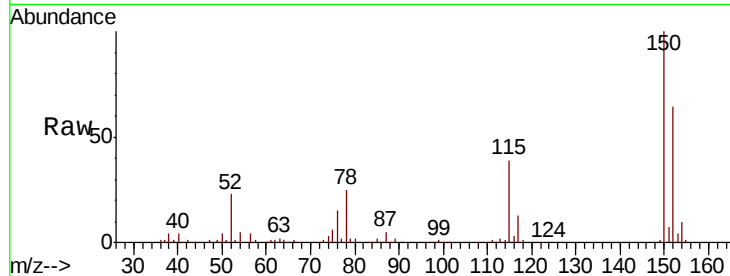


#1

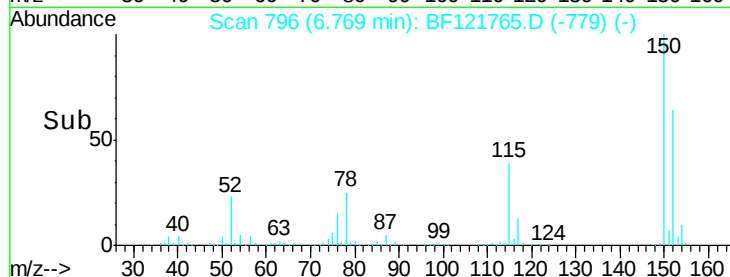
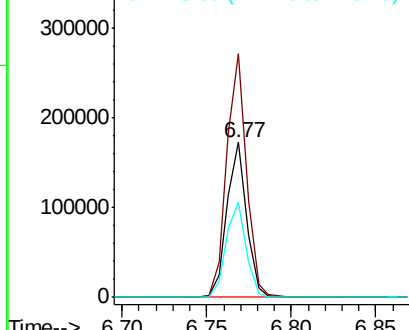
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tot Ion:152 Resp: 139452
Ion Ratio Lower Upper
152 100
150 157.3 125.3 187.9
115 61.7 51.9 77.9



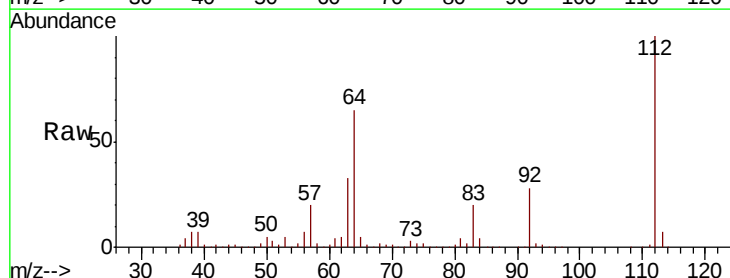
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



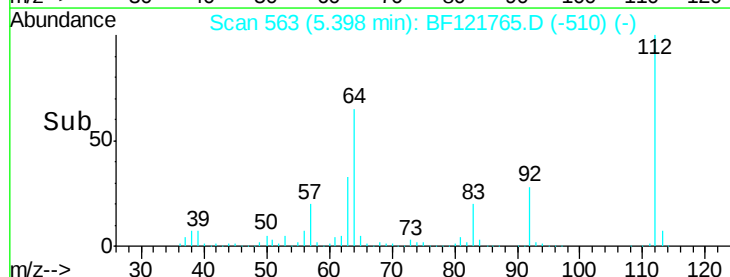
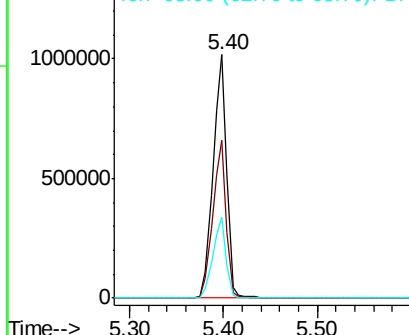
#5

2-Fluorophenol
Concen: 111.681 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion:112 Resp: 1047966
Ion Ratio Lower Upper
112 100
64 64.6 50.4 75.6
63 33.1 25.8 38.6



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: 109.166 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB131986BL

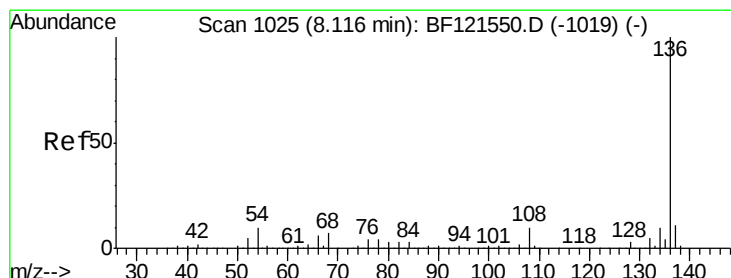
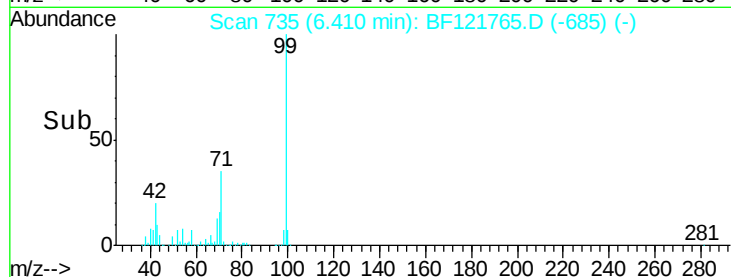
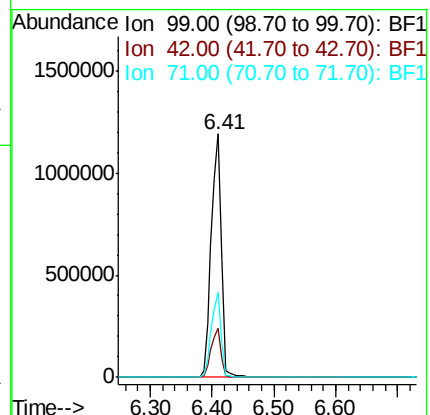
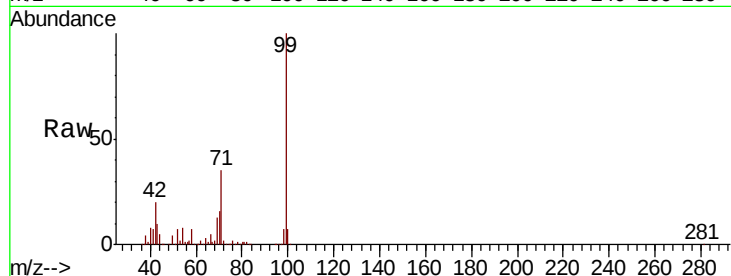
Tot Ion: 99 Resp: 1343911

Ion Ratio Lower Upper

99 100

42 20.1 15.9 23.9

71 34.9 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

Tgt Ion: 136 Resp: 548231

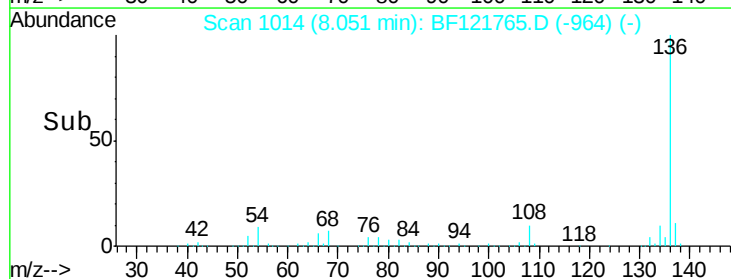
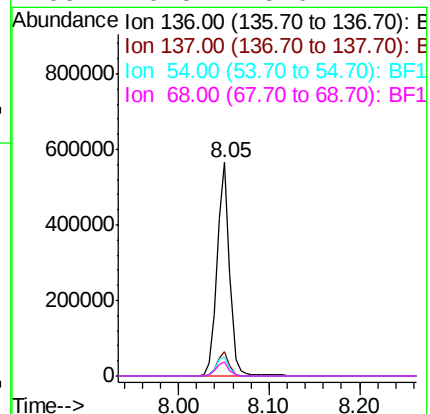
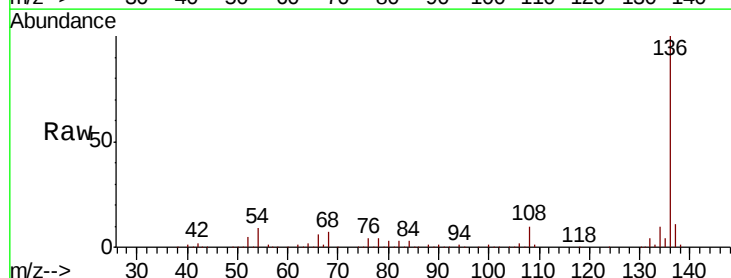
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 9.2 7.1 10.7

68 6.8 5.0 7.4

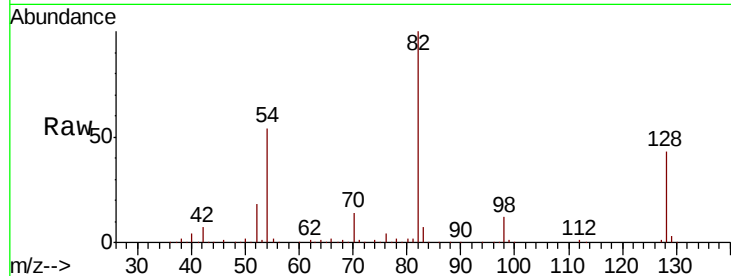




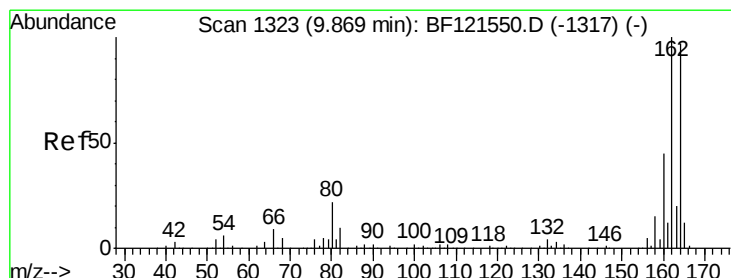
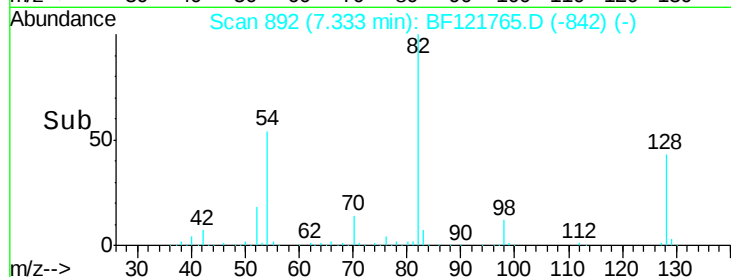
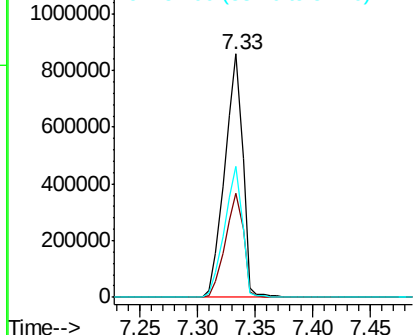
#23
Nitrobenzene-d5
Concen: 91.149 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tot Ion	82	Resp	930693
Ion Ratio	100		
Lower	35.0		
Upper	52.4		
128	42.8		
54	53.8		
	43.9		
	65.9		

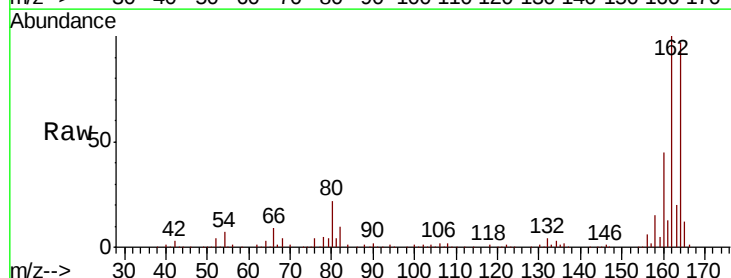


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

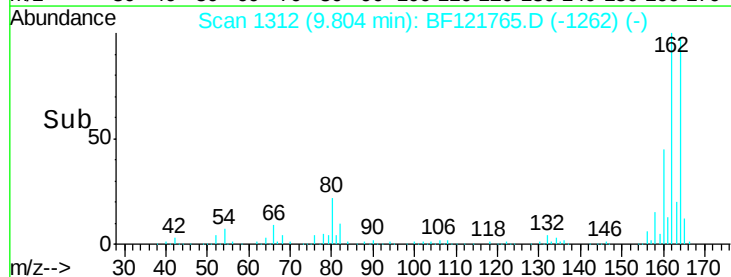
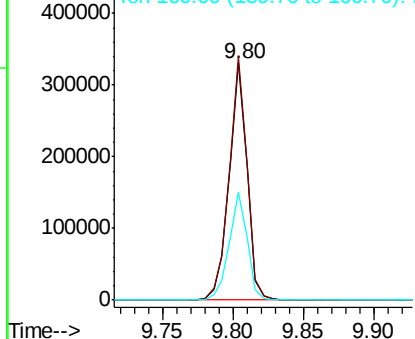


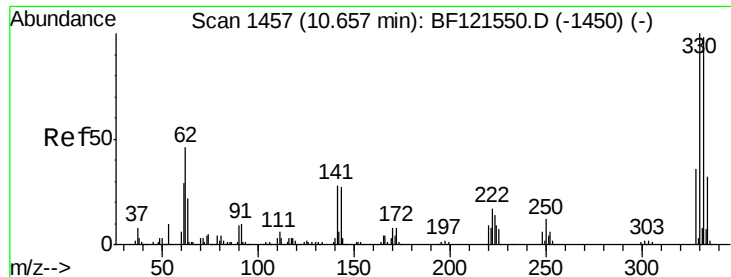
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion	164	Resp	291914
Ion Ratio	100		
Lower	83.2		
Upper	124.8		
162	102.7		
160	45.8		
	37.5		
	56.3		



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: 124.985 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB131986BL

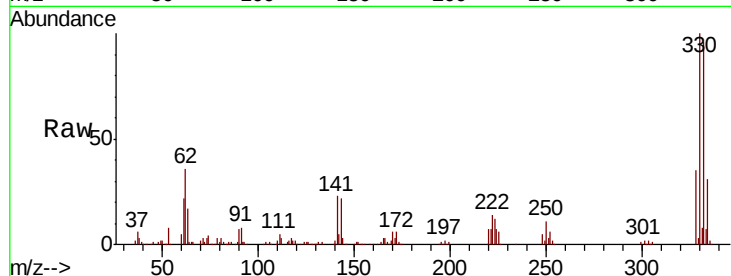
Tot Ion:330 Resp: 453459

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

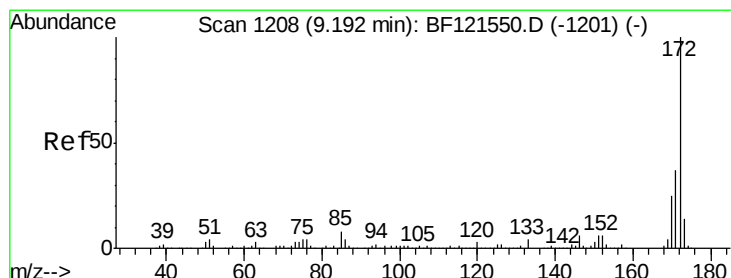
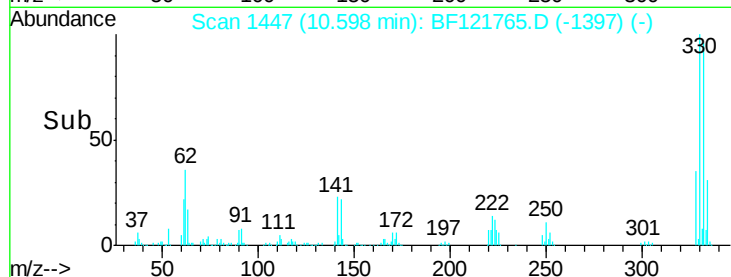
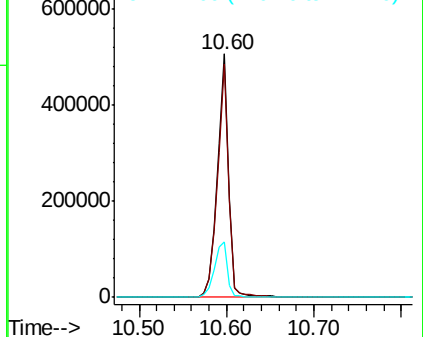
141 26.8 22.3 33.5



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: 83.694 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

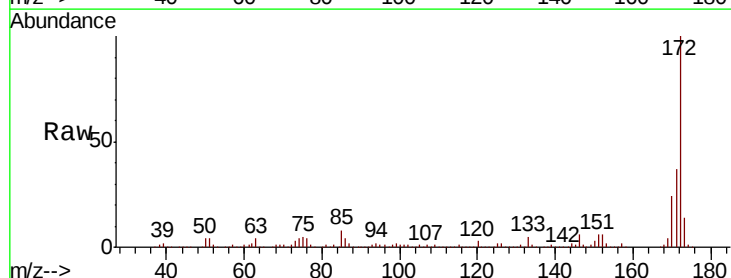
Tgt Ion:172 Resp: 1613137

Ion Ratio Lower Upper

172 100

171 36.6 29.1 43.7

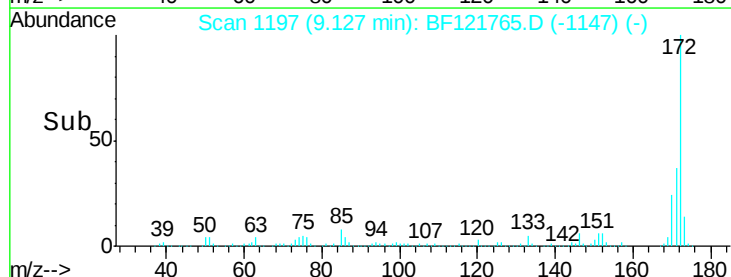
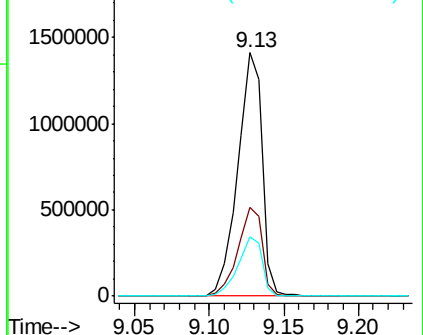
170 24.3 19.8 29.6

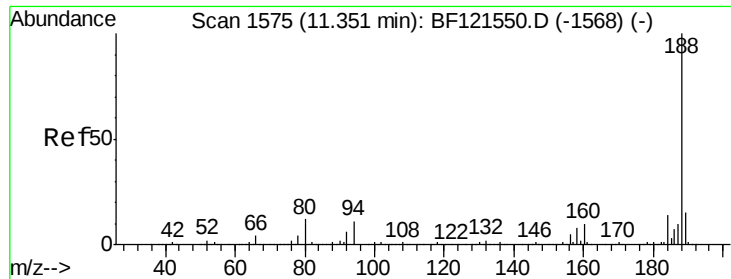


Abundance Ion 172.00 (171.70 to 172.70): E

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: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB131986BL

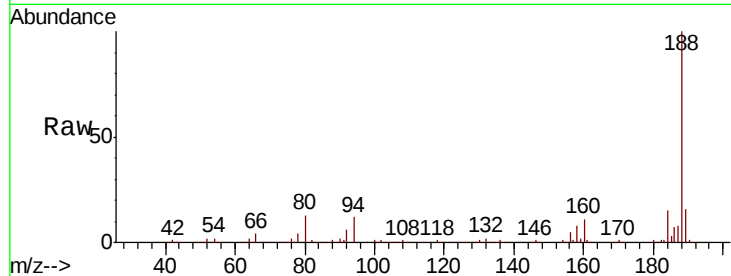
Tot Ion:188 Resp: 573386

Ion Ratio Lower Upper

188 100

94 11.6 8.3 12.5

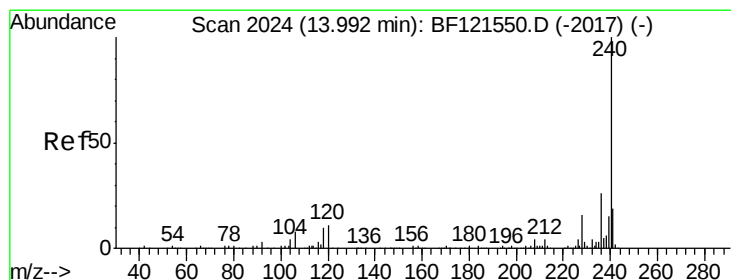
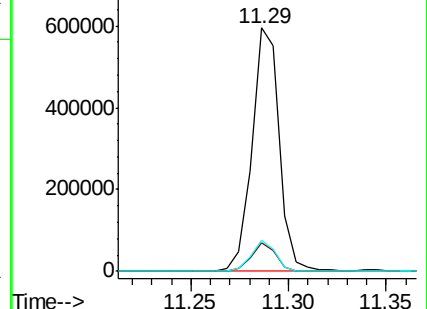
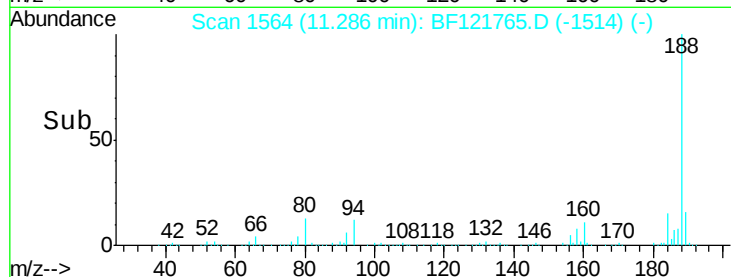
80 12.8 9.1 13.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

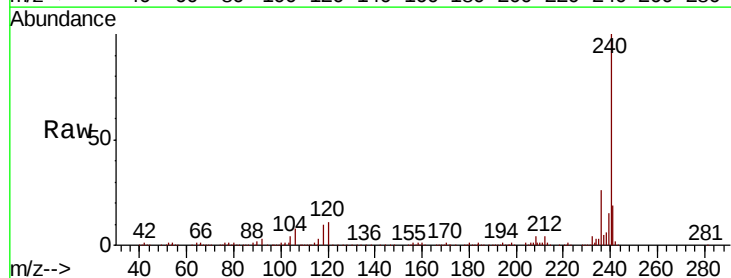
Tgt Ion:240 Resp: 545703

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

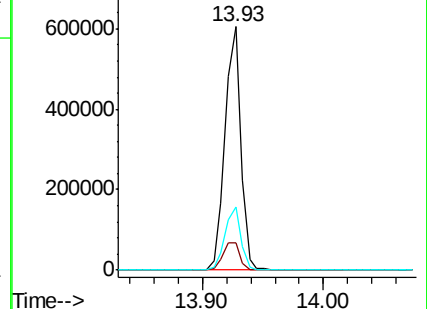
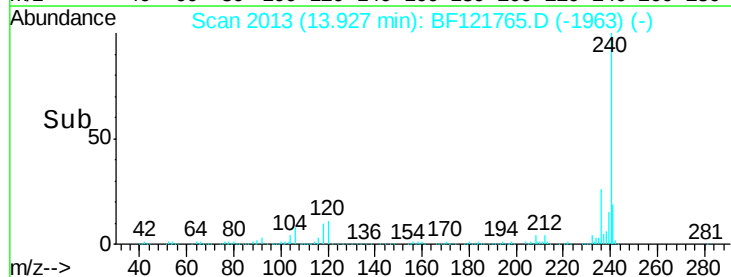
236 25.8 20.9 31.3



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

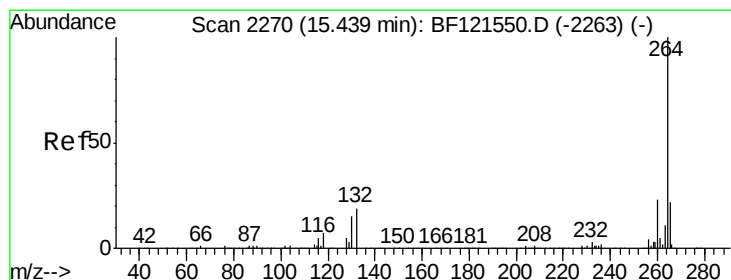
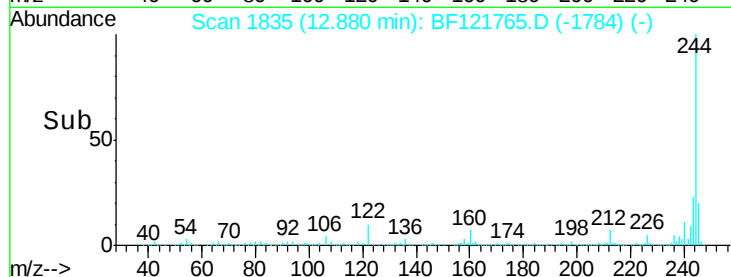
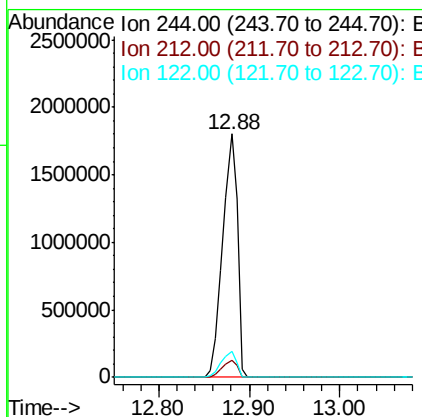
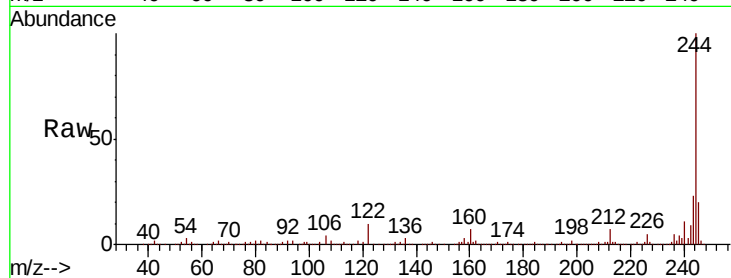




#79
 Terphenyl-d14
 Concen: 74.250 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BF121765.D
 Acq: 1 Oct 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB131986BL

Tot Ion:244 Resp: 2000031
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.5 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BF121765.D
 Acq: 1 Oct 2020 14:04

Tgt Ion:264 Resp: 523979
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.8 17.3 25.9

