

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121835.D
 Acq On : 6 Oct 2020 00:29
 Operator : JU/CG
 Sample : L4247-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)

Quant Time: Oct 06 02:40:48 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	6.76	152	101643	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	376841	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	175717	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	291882	20.00	ng	0.00
76) Chrysene-d12	13.92	240	280707	20.00	ng	-0.01
86) Perylene-d12	15.36	264	251624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	14619	2.14	ng	0.00
7) Phenol-d6	6.41	99	19699	2.20	ng	0.00
23) Nitrobenzene-d5	7.33	82	12932	1.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	3751	1.72	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	27486	2.37	ng	-0.01
79) Terphenyl-d14	12.86	244	31640	2.28	ng	-0.02

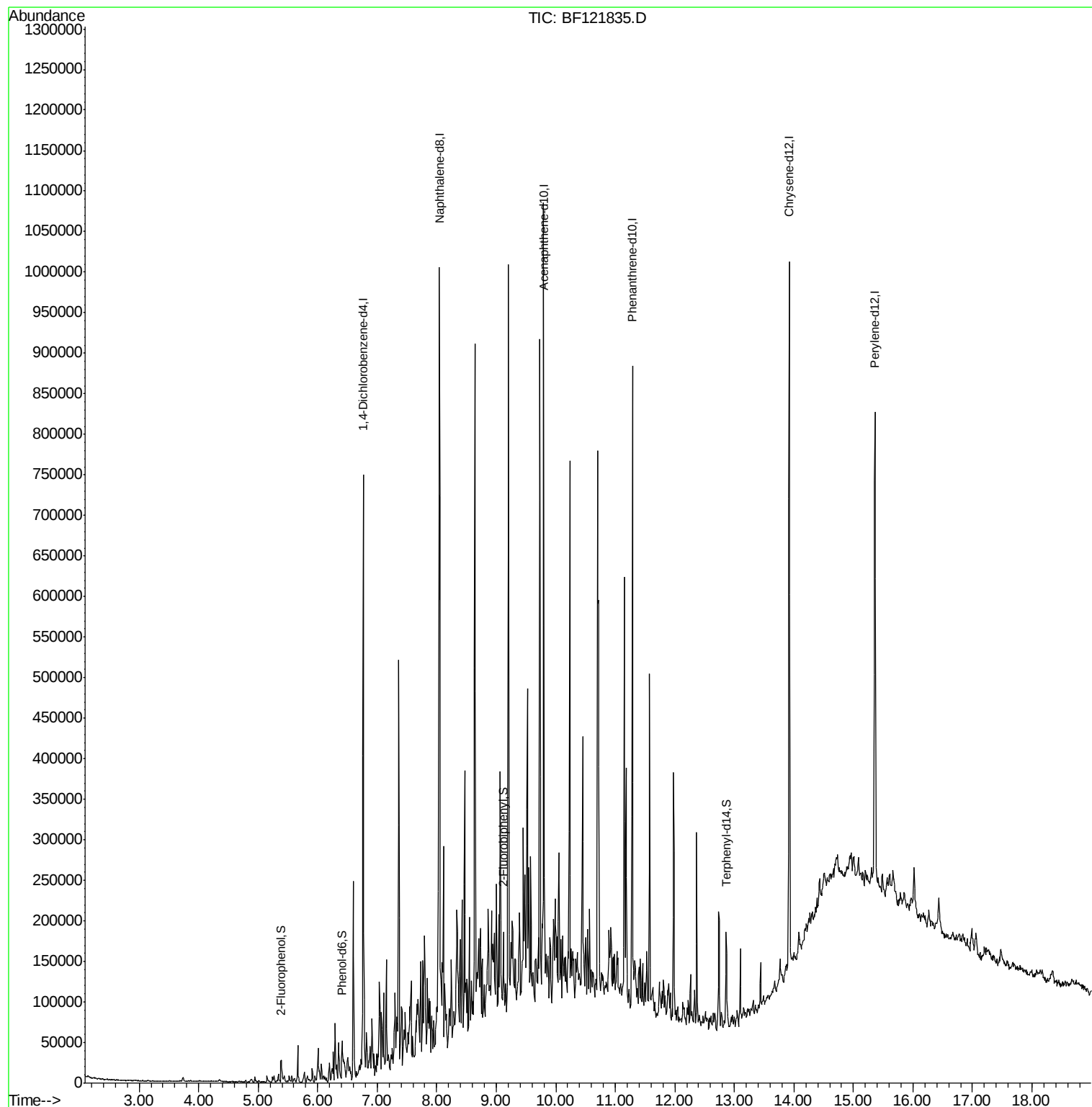
Target Compounds Qvalue

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

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QLast Update : Thu Oct 01 14:29:14 2020
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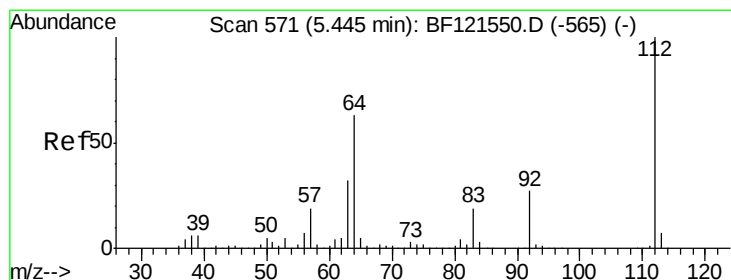
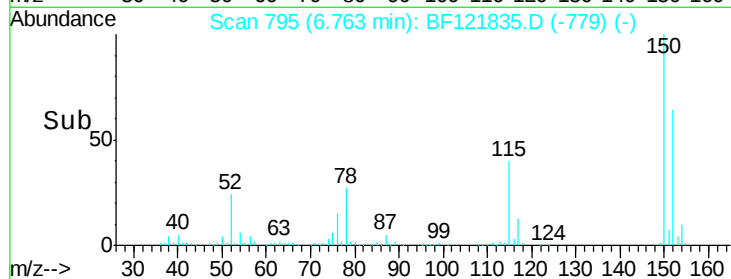
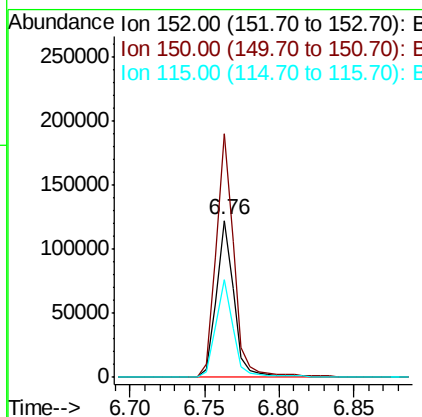
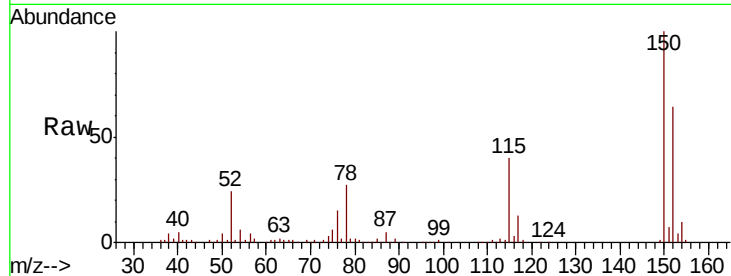


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121835.D
Acq: 6 Oct 2020 00:29

Instrument :
BNA_F
ClientSampled :
B-18(0-1)

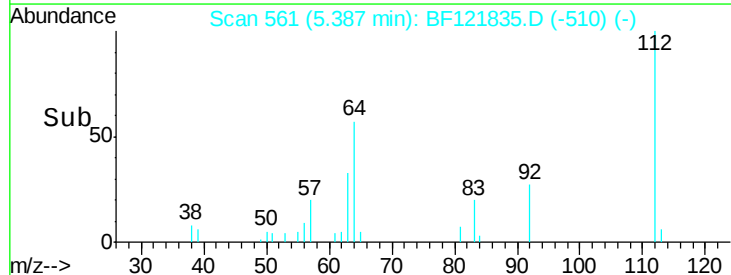
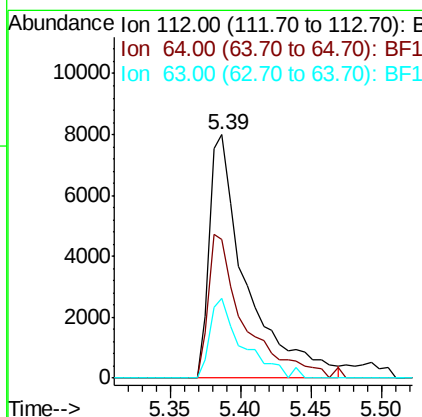
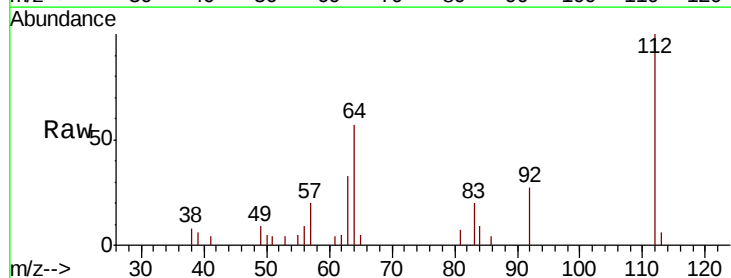
Tot Ion:152 Resp: 101643
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 62.4 51.9 77.9



#5

2-Fluorophenol
Concen: 2.137 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121835.D
Acq: 6 Oct 2020 00:29

Tgt Ion:112 Resp: 14619
Ion Ratio Lower Upper
112 100
64 57.2 50.4 75.6
63 32.8 25.8 38.6





#7

Phenol-d6

Concen: 2.195 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121835.D

Acq: 6 Oct 2020 00:29

Instrument :

BNA_F

ClientSampleId :

B-18(0-1)

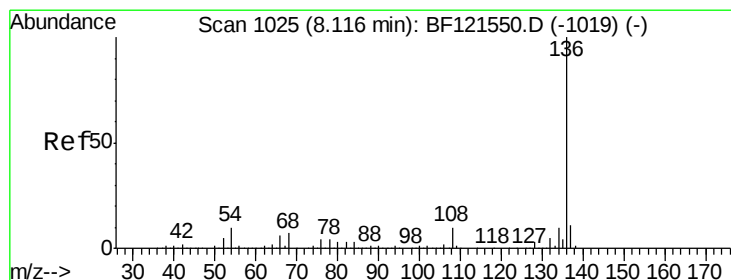
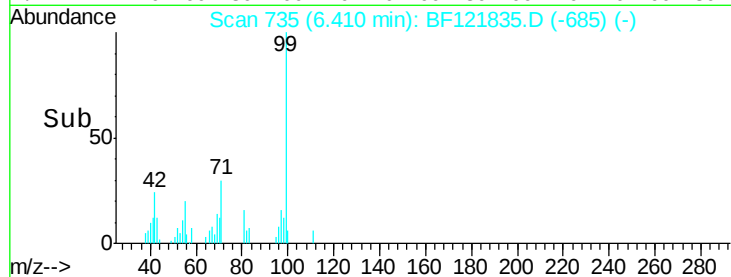
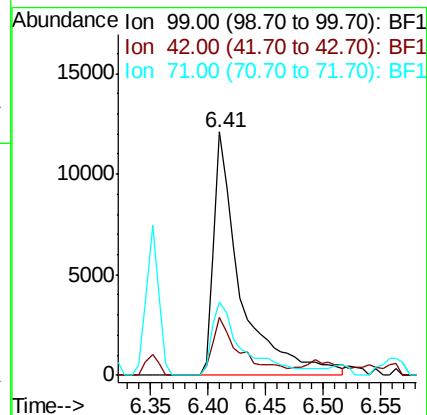
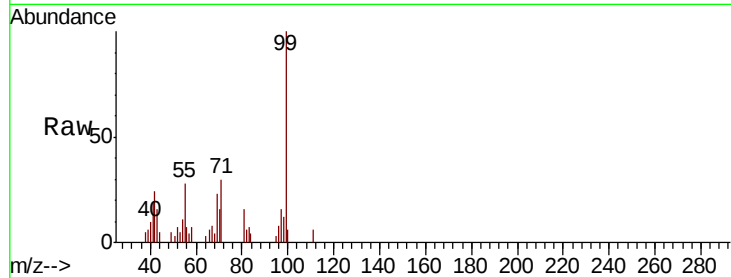
Tot Ion: 99 Resp: 19699

Ion Ratio Lower Upper

99 100

42 23.7 15.9 23.9

71 30.4 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121835.D

Acq: 6 Oct 2020 00:29

Tgt Ion: 136 Resp: 376841

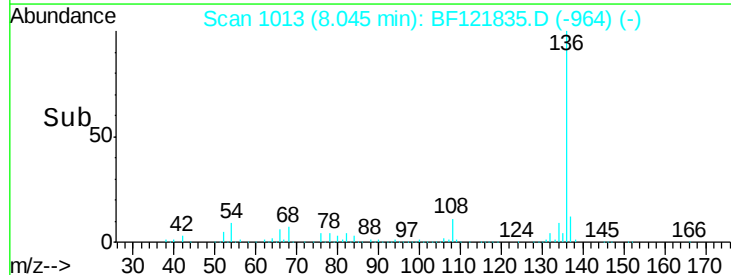
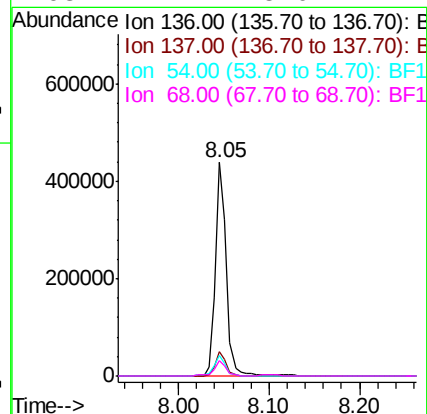
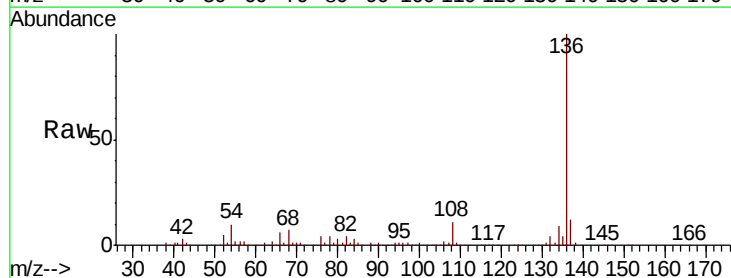
Ion Ratio Lower Upper

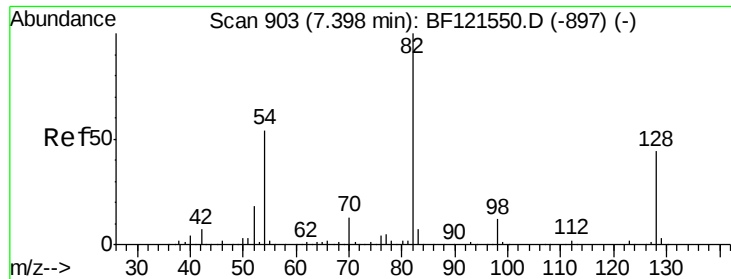
136 100

137 11.6 8.6 13.0

54 9.6 7.1 10.7

68 7.1 5.0 7.4

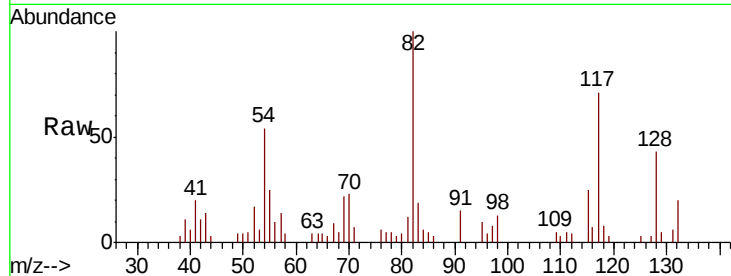




#23
Nitrobenzene-d5
Concen: 1.843 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121835.D
Acq: 6 Oct 2020 00:29

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)

Tot Ion	82	Resp	12932
Ion Ratio	Lower	Upper	
82	100		
128	43.2	35.0	52.4
54	53.6	43.9	65.9

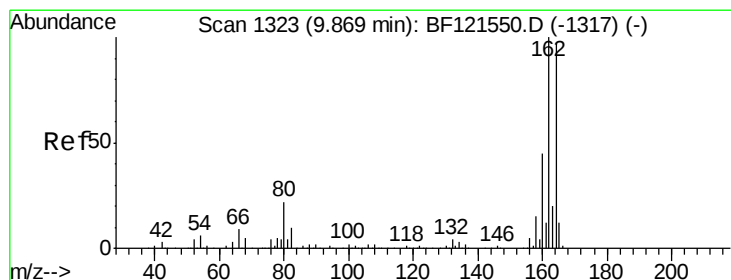
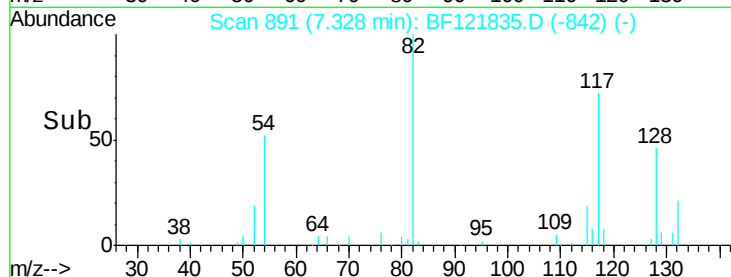
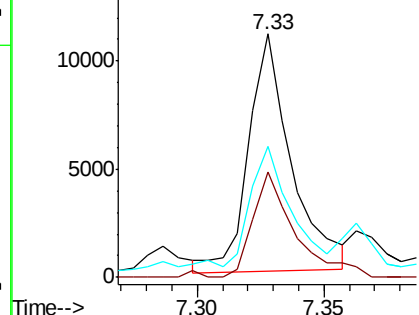


Abundance

Ion 82.00 (81.70 to 82.70): BF1

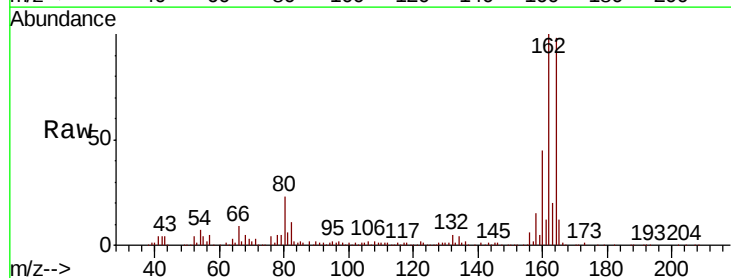
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121835.D
Acq: 6 Oct 2020 00:29

Tgt Ion	164	Resp	175717
Ion Ratio	Lower	Upper	
164	100		
162	101.8	83.2	124.8
160	45.5	37.5	56.3

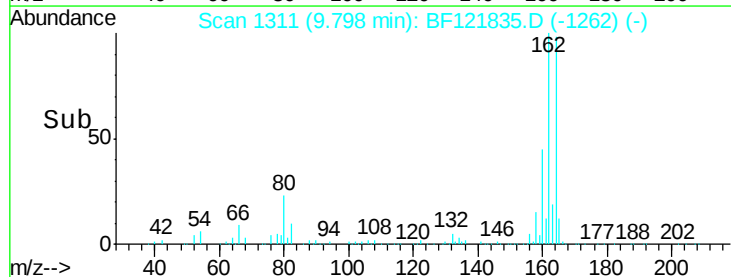
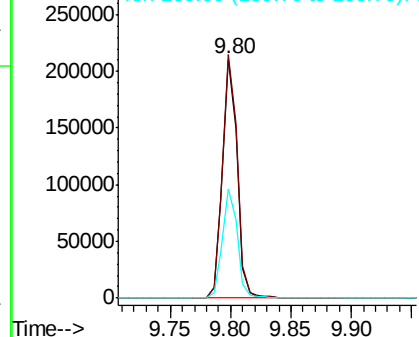


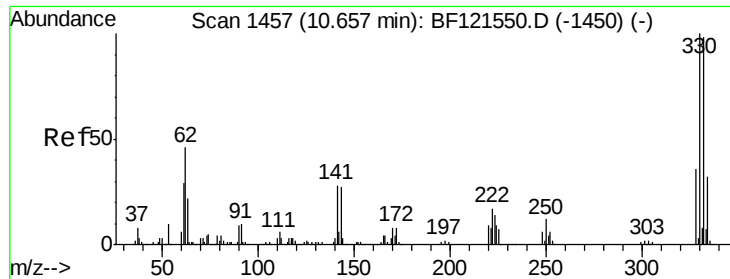
Abundance

Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

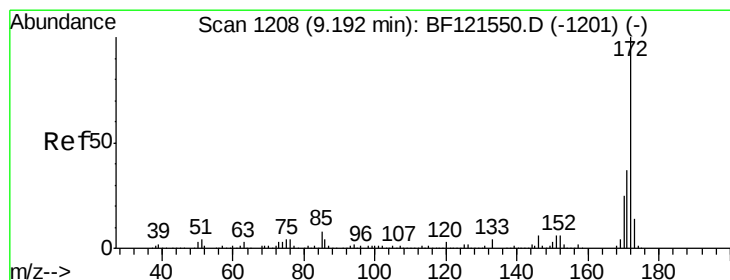
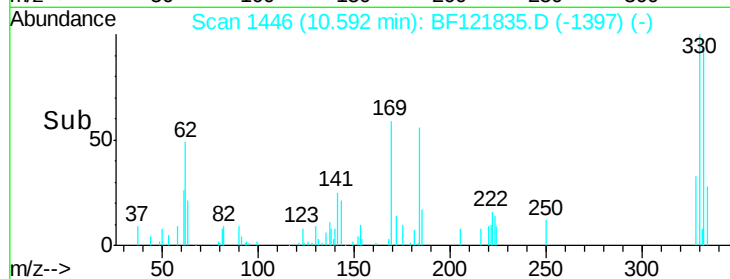
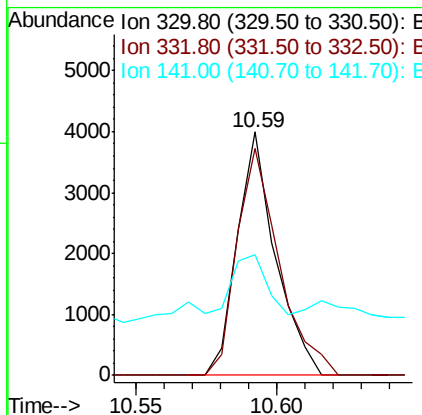
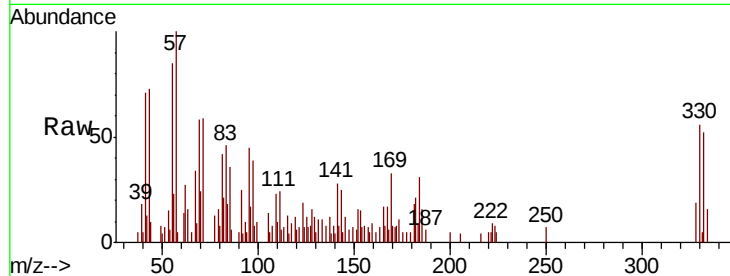




#42
 2,4,6-Tribromophenol
 Concen: 1.718 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121835.D
 Acq: 6 Oct 2020 00:29

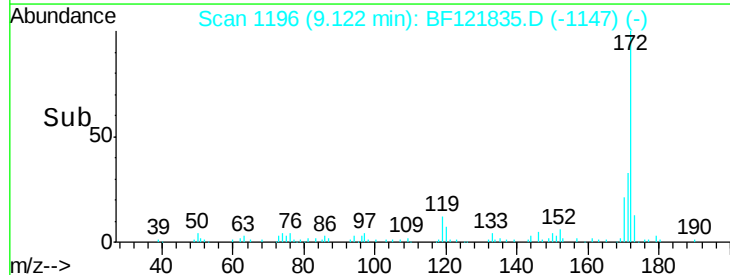
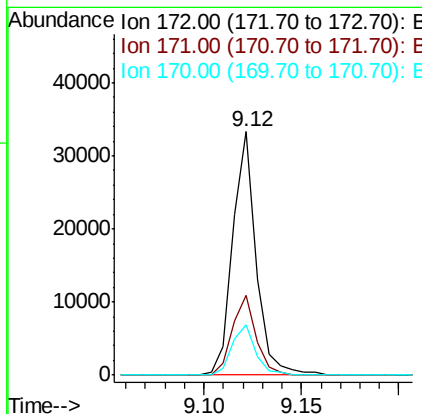
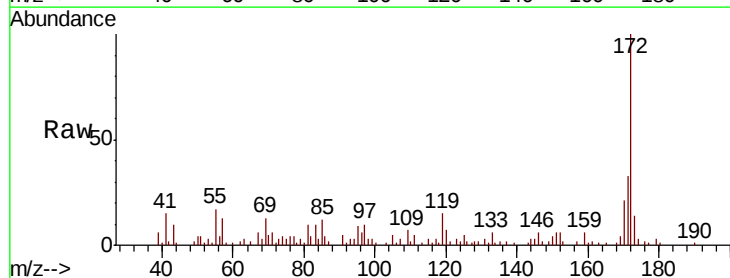
Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)

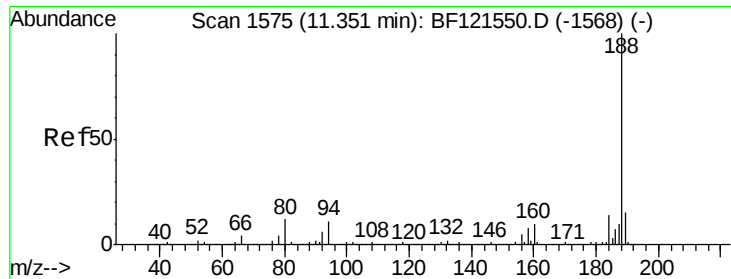
Tot Ion:330 Resp: 3751
 Ion Ratio Lower Upper
 330 100
 332 103.2 77.3 115.9
 141 34.2 22.3 33.5#



#45
 2-Fluorobiphenyl
 Concen: 2.369 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121835.D
 Acq: 6 Oct 2020 00:29

Tgt Ion:172 Resp: 27486
 Ion Ratio Lower Upper
 172 100
 171 33.0 29.1 43.7
 170 20.8 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.01 min

Lab File: BF121835.D

Acq: 6 Oct 2020 00:29

Instrument :

BNA_F

ClientSampleId :

B-18(0-1)

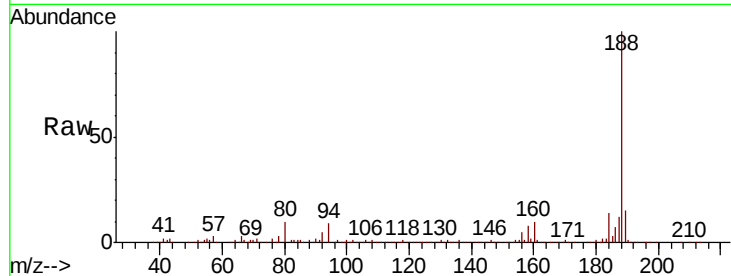
Tot Ion:188 Resp: 291882

Ion Ratio Lower Upper

188 100

94 9.5 8.3 12.5

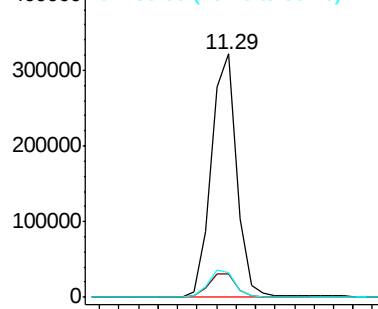
80 10.2 9.1 13.7



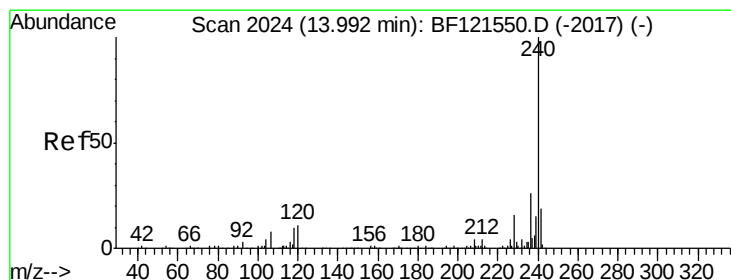
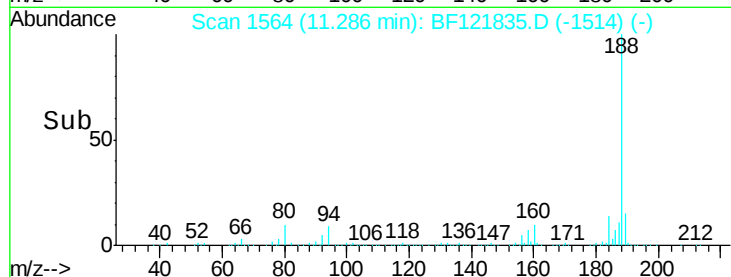
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121835.D

Acq: 6 Oct 2020 00:29

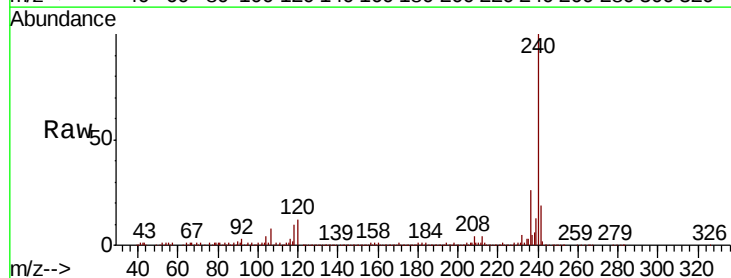
Tgt Ion:240 Resp: 280707

Ion Ratio Lower Upper

240 100

120 12.1 9.2 13.8

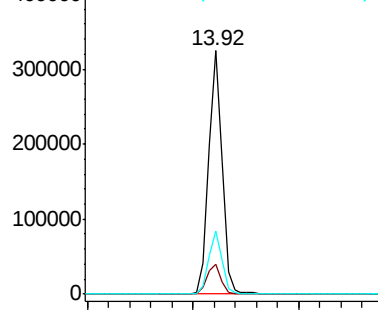
236 25.7 20.9 31.3



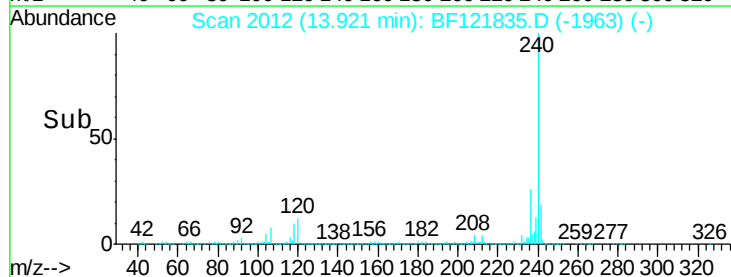
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 2.284 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121835.D

Acq: 6 Oct 2020 00:29

Instrument :

BNA_F

ClientSampleId :

B-18(0-1)

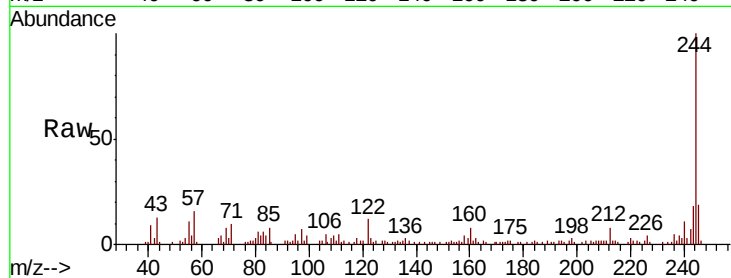
Tot Ion:244 Resp: 31640

Ion Ratio Lower Upper

244 100

212 8.3 5.4 8.2#

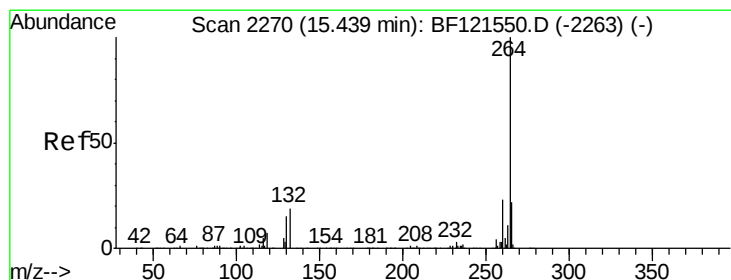
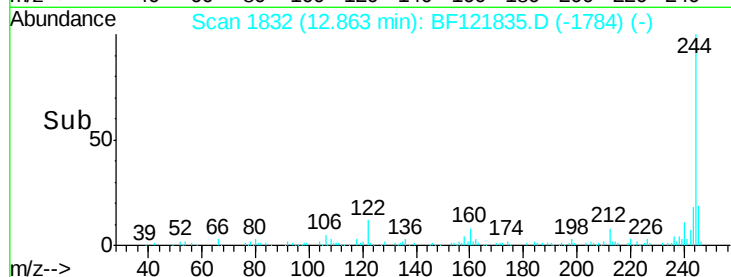
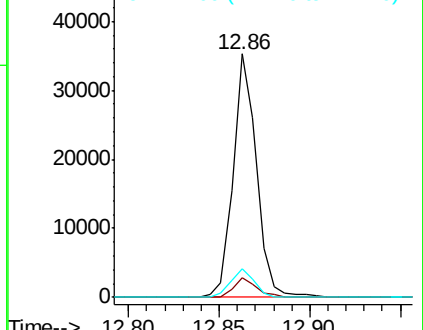
122 11.6 8.1 12.1



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: 20.000 ng

RT: 15.36 min Scan# 2257

Delta R.T. 0.00 min

Lab File: BF121835.D

Acq: 6 Oct 2020 00:29

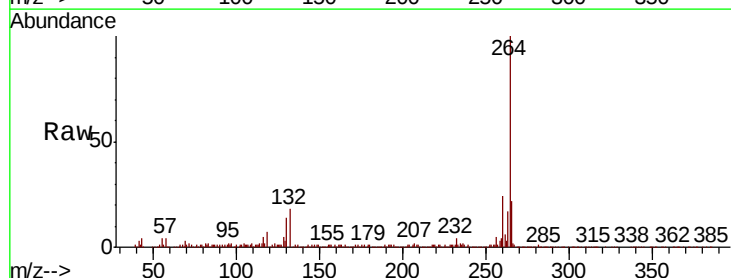
Tgt Ion:264 Resp: 251624

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 21.5 17.3 25.9



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

