

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 02:23:25 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

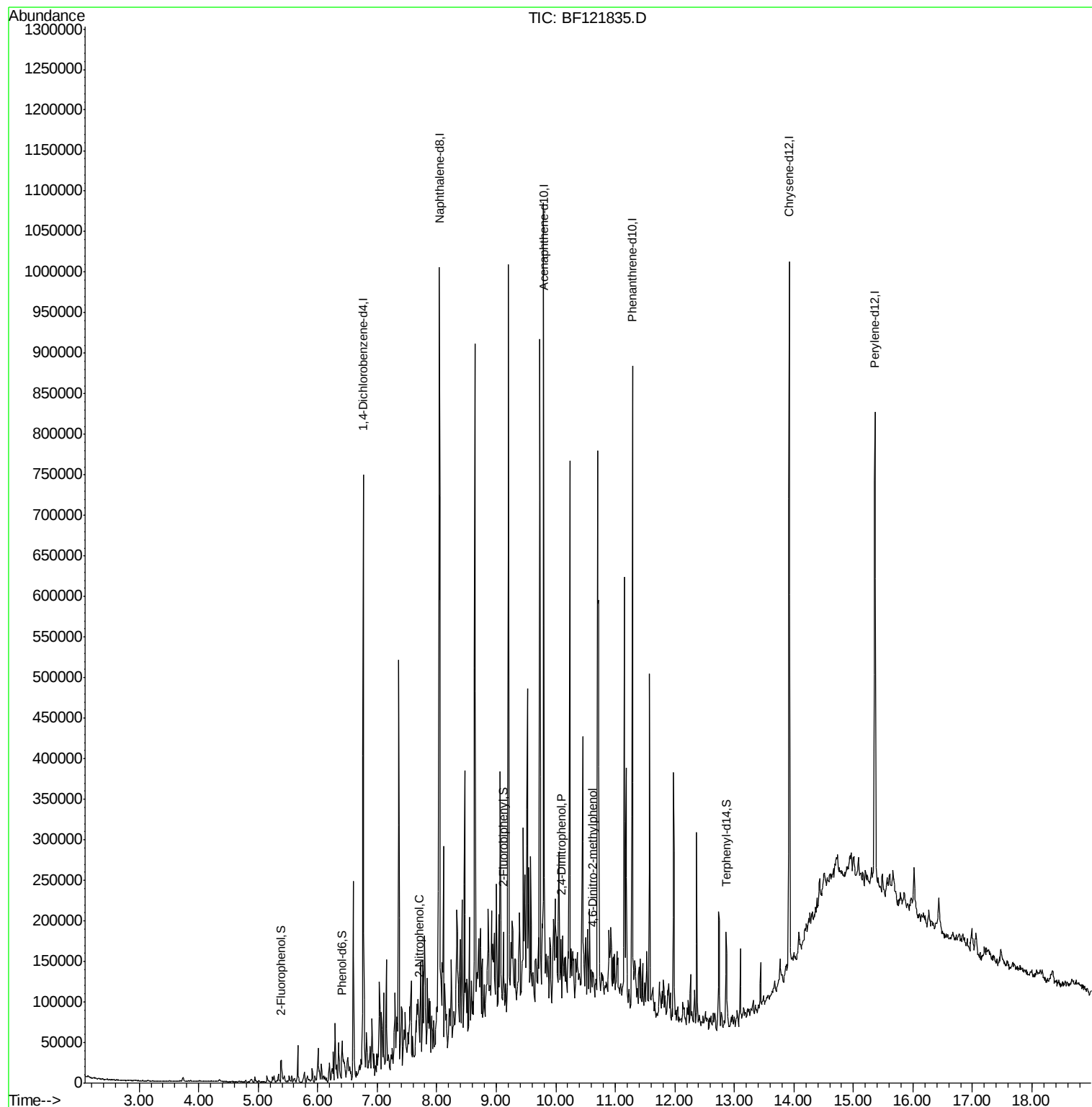
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	101643	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	376841	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	175717	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	291882	20.00	ng	0.00
76) Chrysene-d12	13.92	240	280707	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						
26) 2-Nitrophenol	7.71	139	368	2.657	ng	# 1
54) 2,4-Dinitrophenol	10.09	184	250	9.189	ng	# 22
65) 4,6-Dinitro-2-methylphenol	10.62	198	780	7.225	ng	# 1

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

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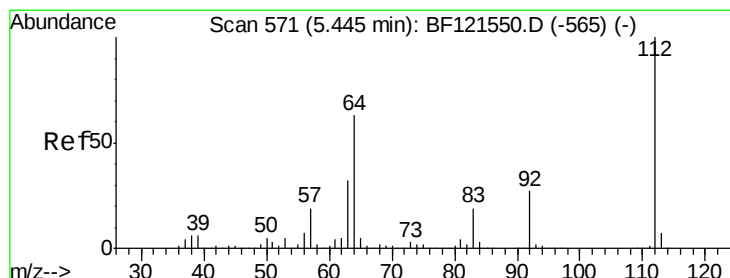
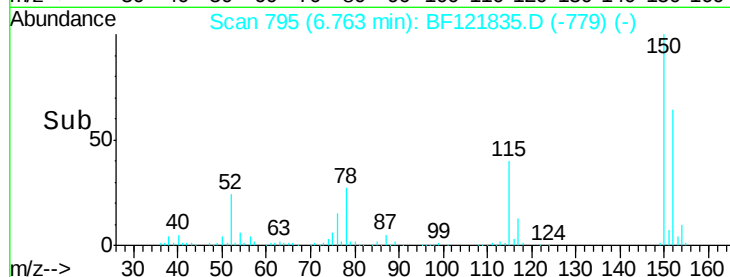
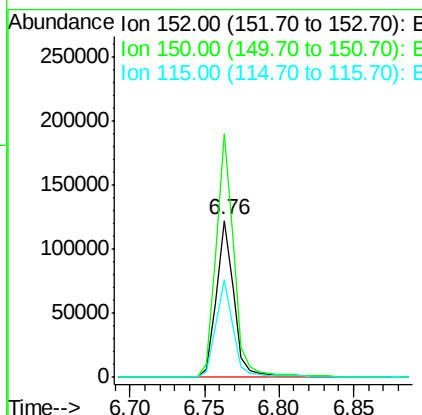
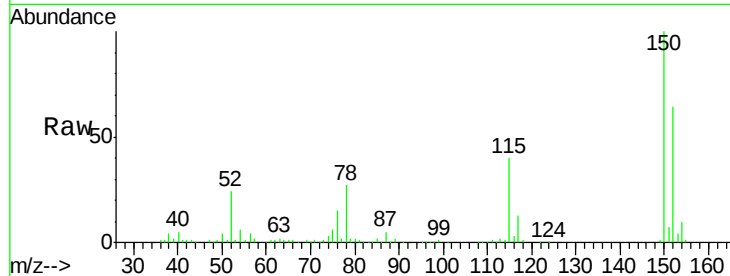


#1

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)

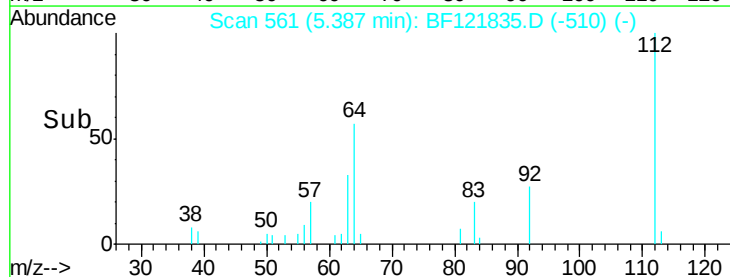
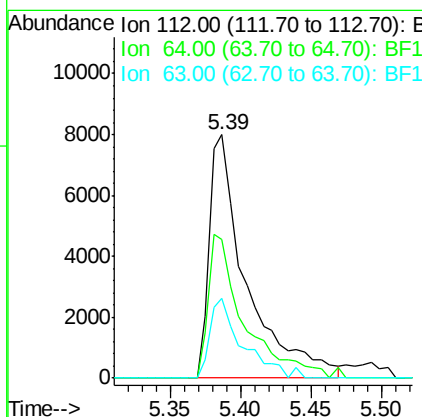
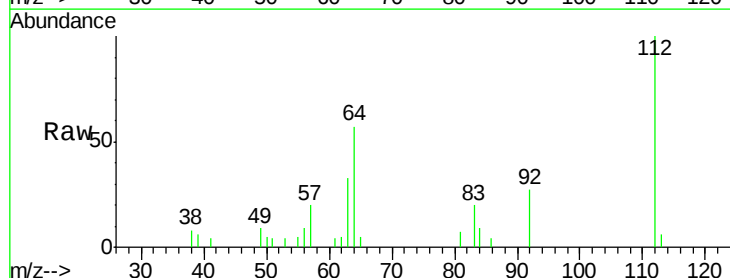
Tot Ion:152 Resp: 101643
Ion Ratio Lower Upper
152 100
150 155.3 125.3 187.9
115 62.4 51.9 77.9

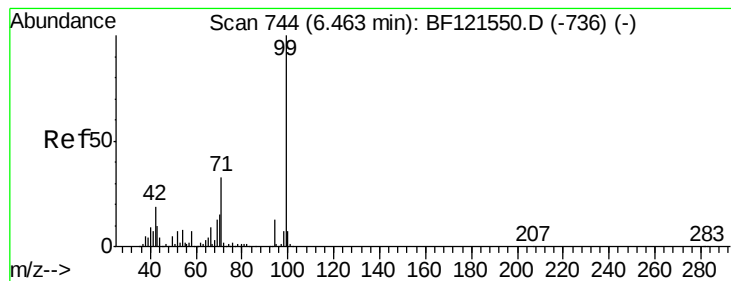


#5

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)

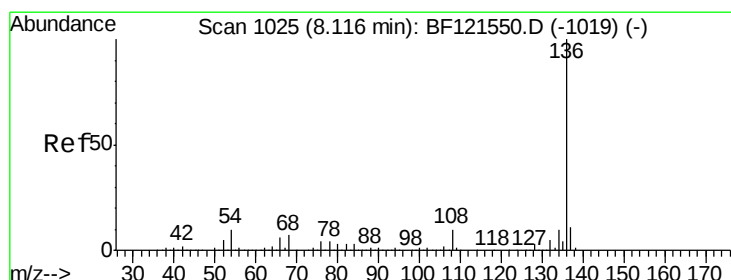
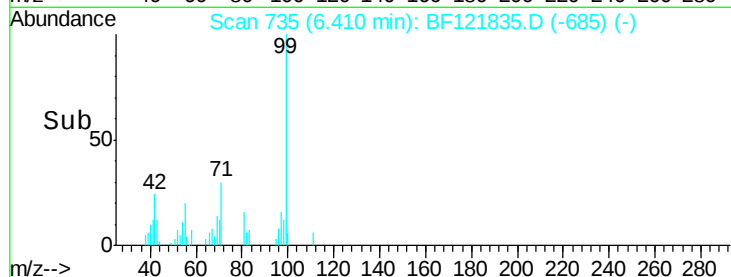
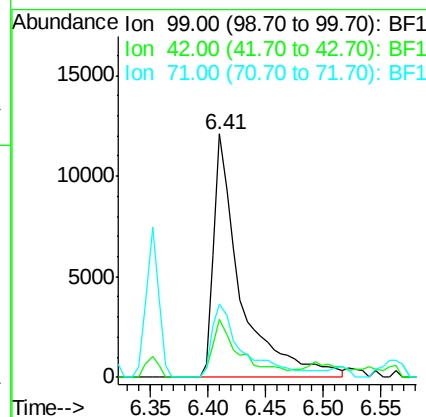
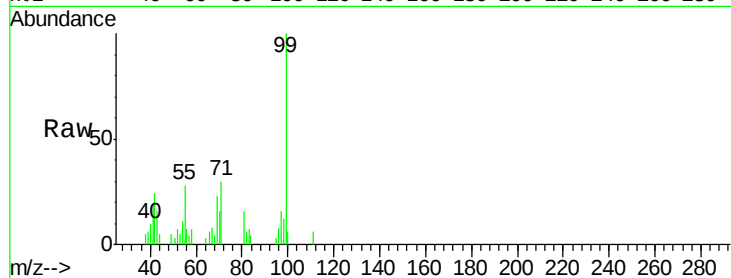
Tot Ion: 99 Resp: 19699

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

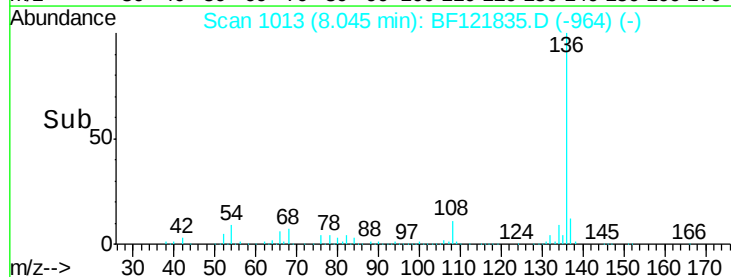
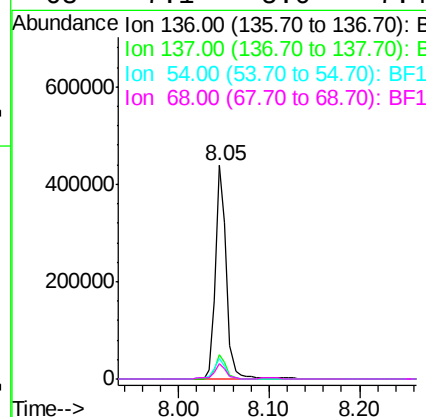
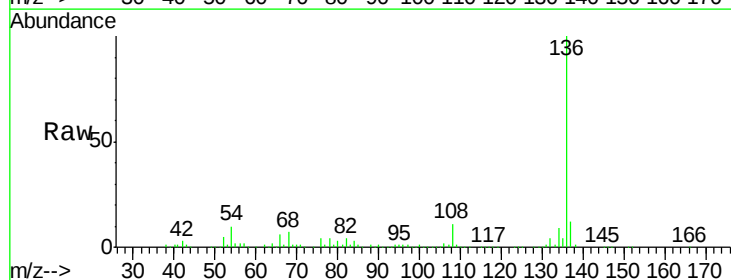
Ion Ratio Lower Upper

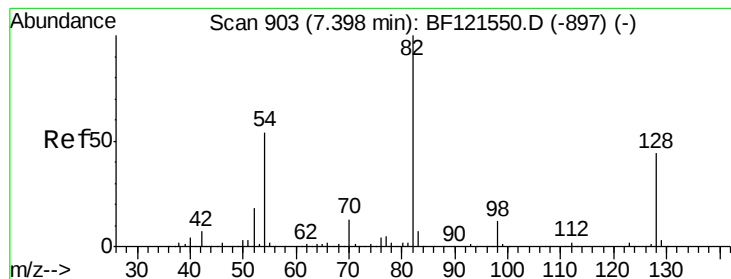
136 100

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

ClientSampled :

B-18(0-1)

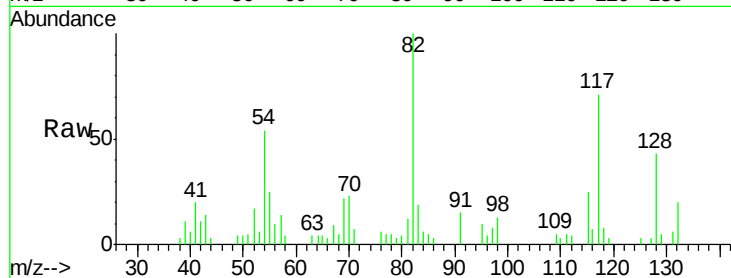
Tot Ion: 82 Resp: 12932

Ion Ratio Lower Upper

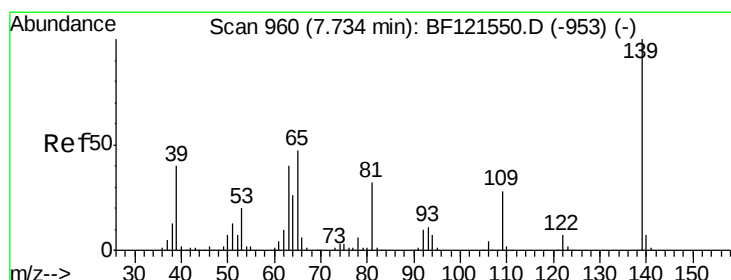
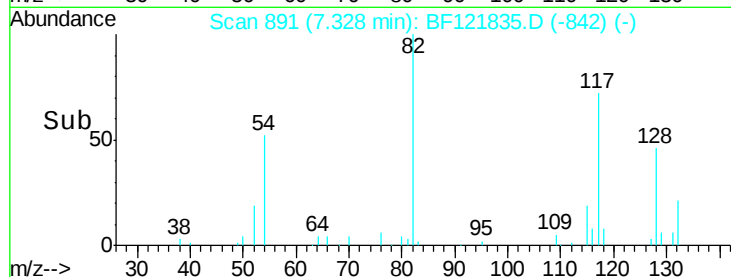
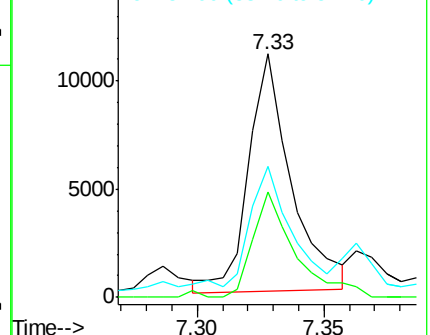
82 100

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



#26

2-Nitrophenol

Concen: 2.657 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.04 min

Lab File: BF121835.D

Acq: 6 Oct 2020 00:29

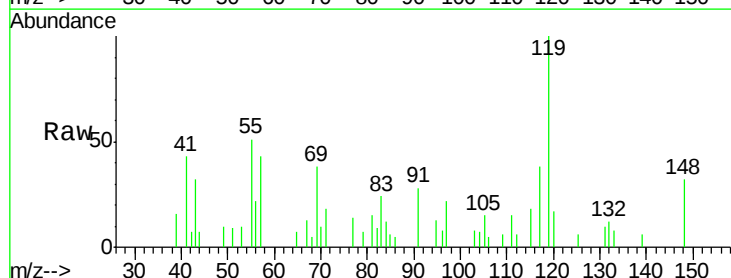
Tgt Ion: 139 Resp: 368

Ion Ratio Lower Upper

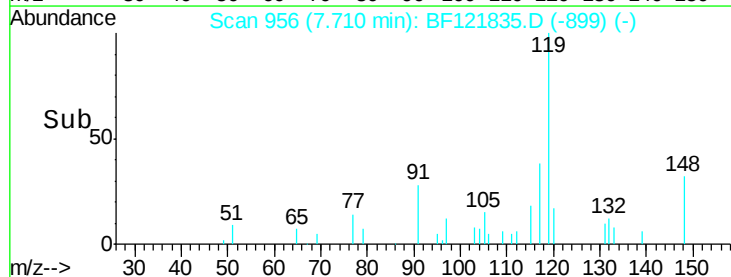
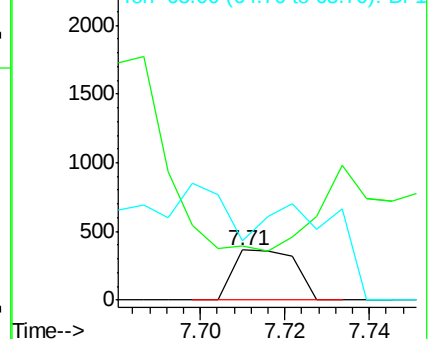
139 100

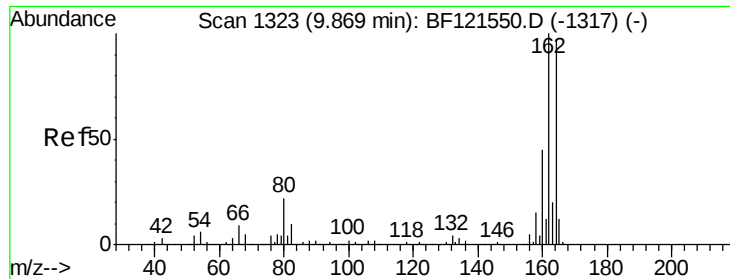
109 108.5 23.0 34.4#

65 116.9 39.9 59.9#



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1

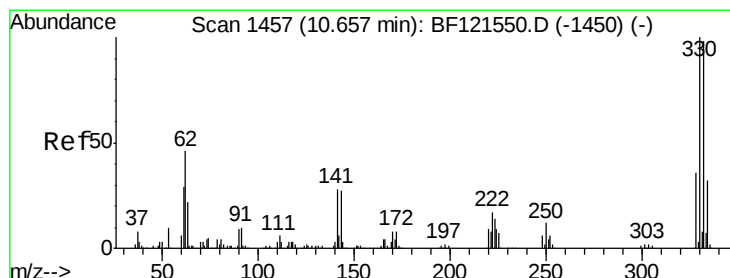
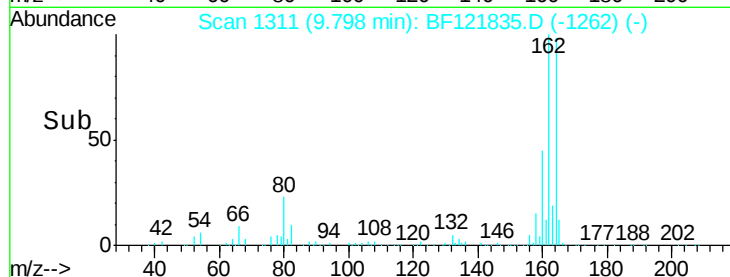
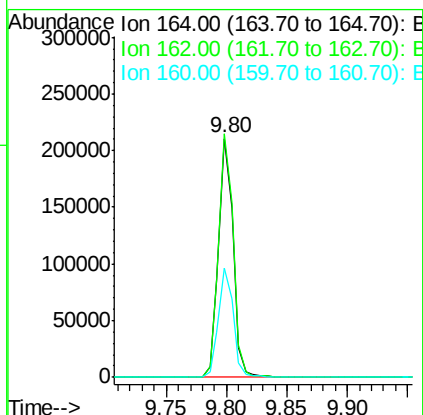
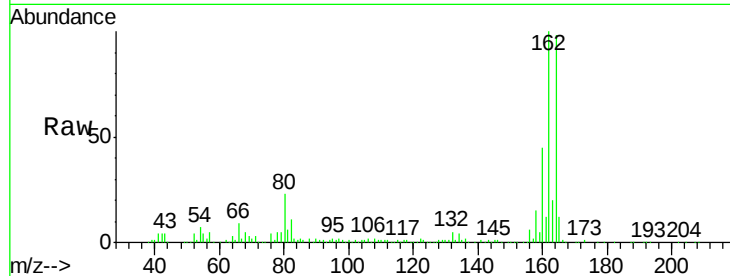




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121835.D
 Acq: 6 Oct 2020 00:29

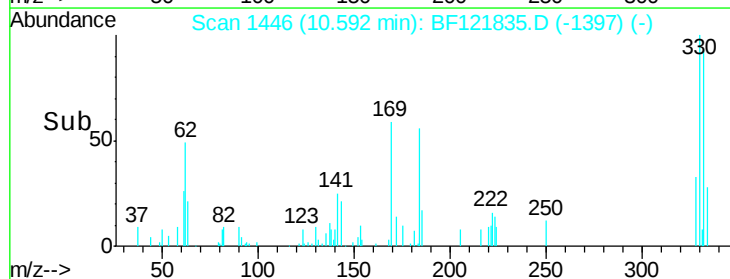
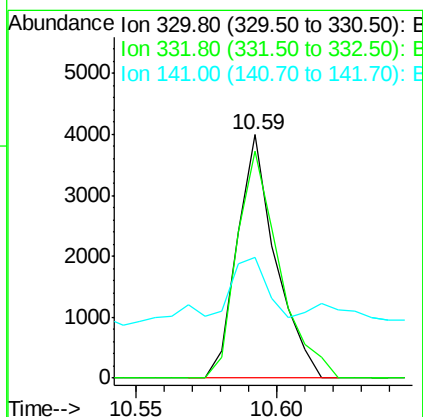
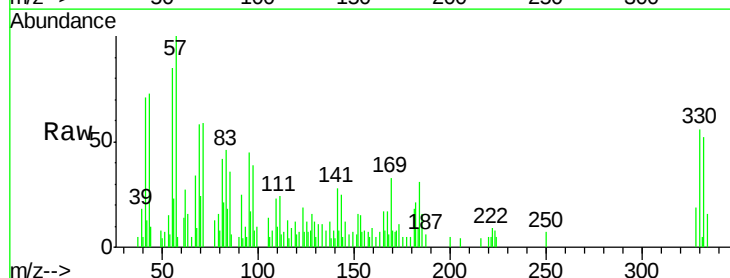
Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)

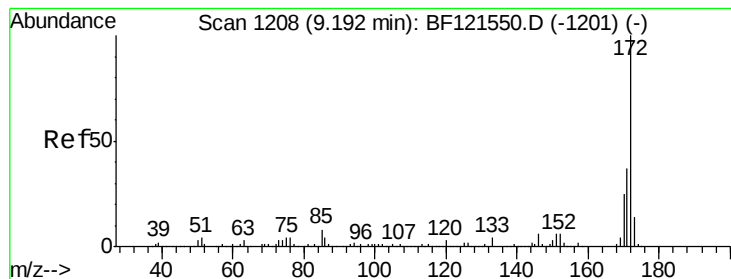
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.2	124.8
160	45.5	37.5	56.3



#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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	103.2	77.3	115.9
141	34.2	22.3	33.5

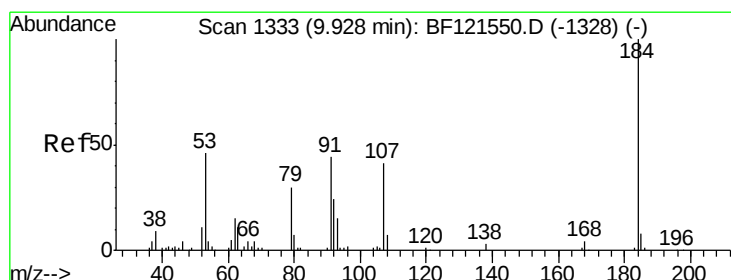
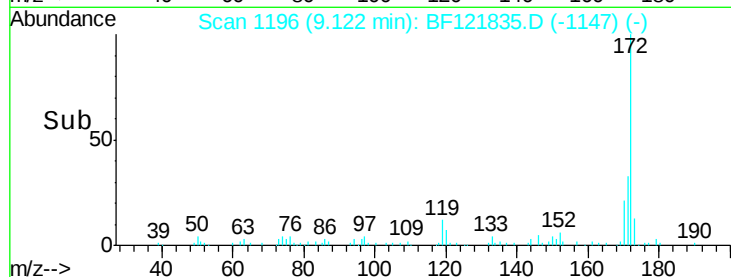
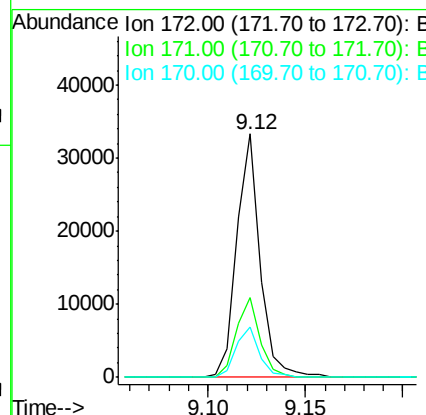
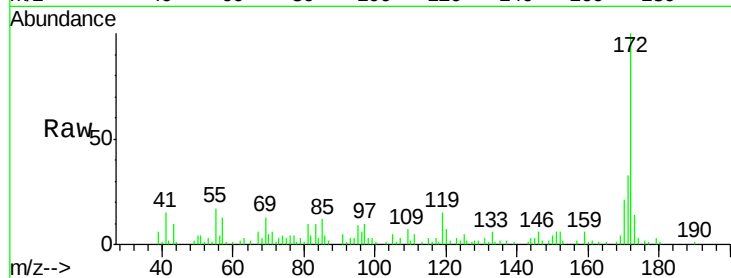




#45
2-Fluorobiphenyl
Concen: 2.369 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF121835.D
Acq: 6 Oct 2020 00:29

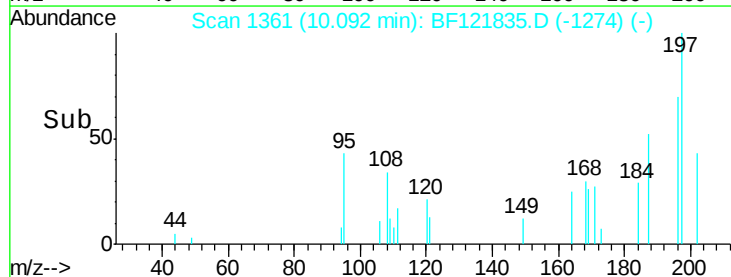
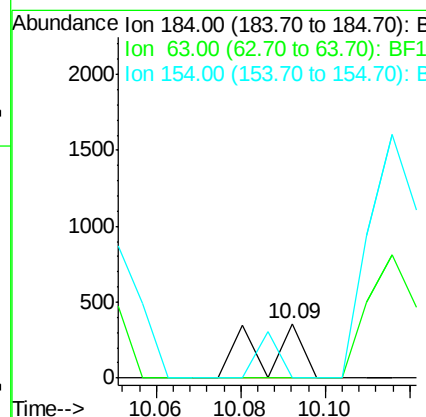
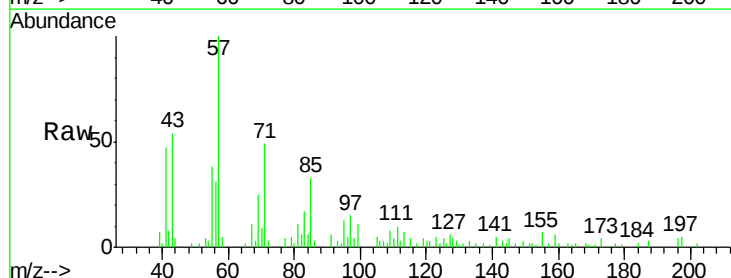
Instrument :
BNA_F
ClientSampleId :
B-18(0-1)

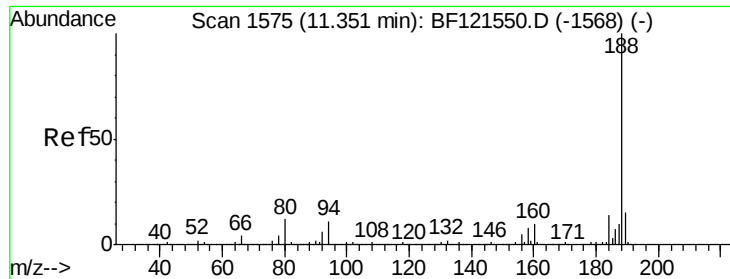
Tot Ion:172 Resp: 27486
Ion Ratio Lower Upper
172 100
171 33.0 29.1 43.7
170 20.8 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 9.189 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.21 min
Lab File: BF121835.D
Acq: 6 Oct 2020 00:29

Tgt Ion:184 Resp: 250
Ion Ratio Lower Upper
184 100
63 0.0 45.9 68.9#
154 0.0 45.8 68.6#

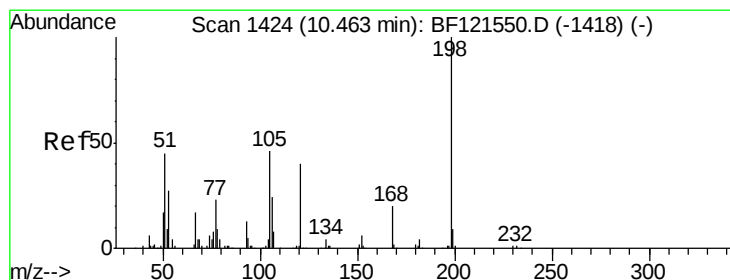
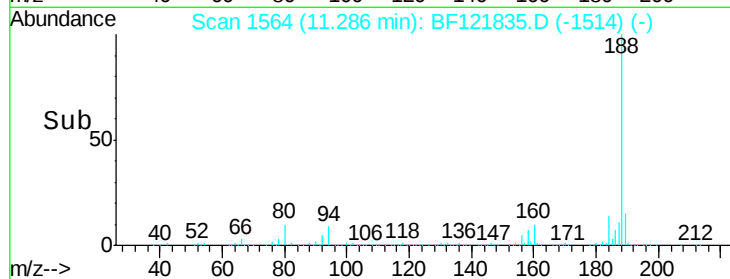
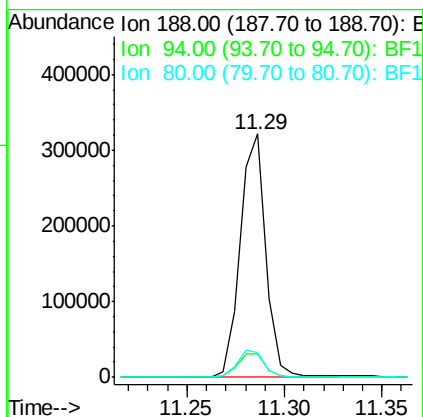
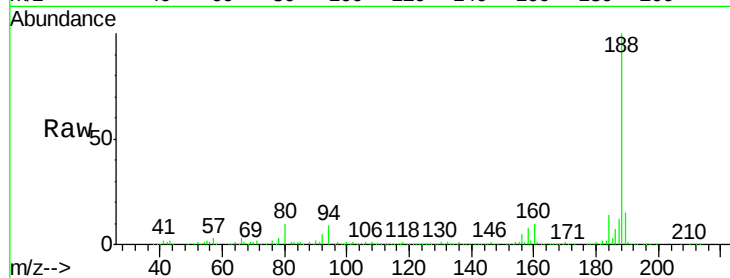




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF121835.D
 Acq: 6 Oct 2020 00:29

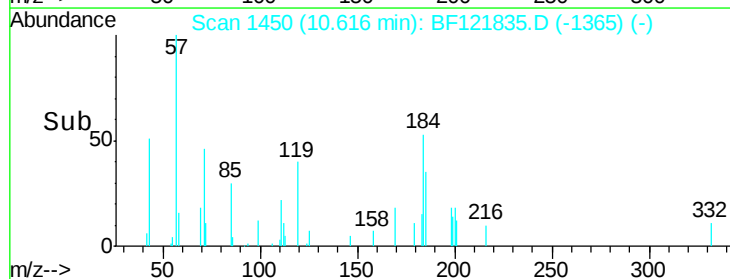
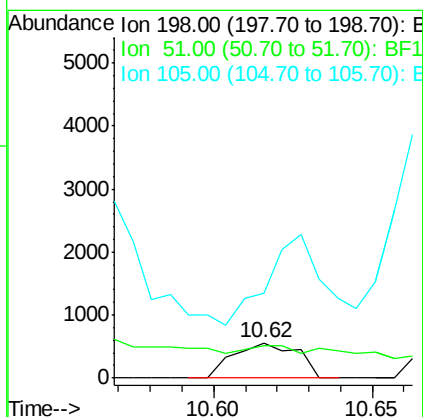
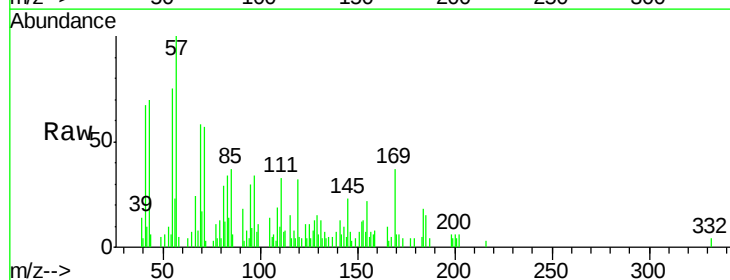
Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)

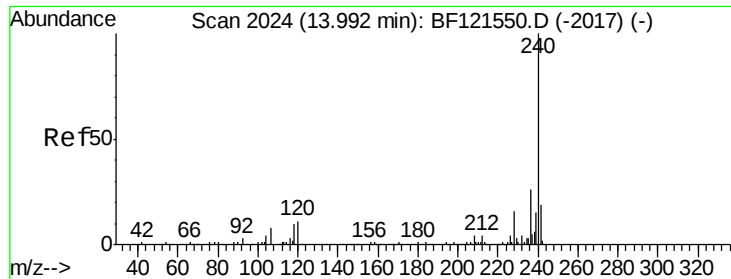
Tot Ion:188 Resp: 291882
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.3 12.5
 80 10.2 9.1 13.7



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.225 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. 0.20 min
 Lab File: BF121835.D
 Acq: 6 Oct 2020 00:29

Tgt Ion:198 Resp: 780
 Ion Ratio Lower Upper
 198 100
 51 91.6 29.6 69.6#
 105 240.1 24.4 64.4#

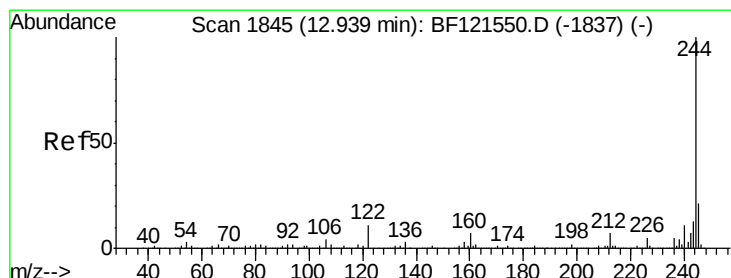
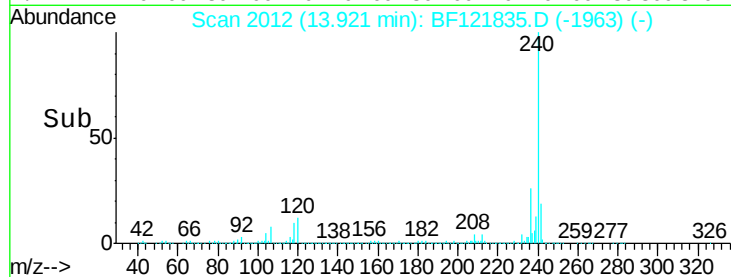
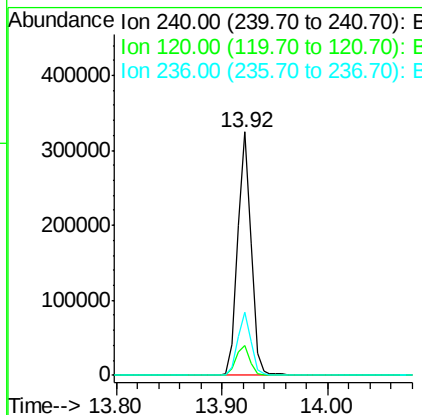
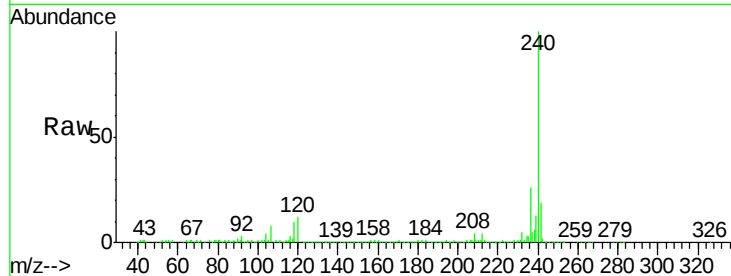




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121835.D
Acq: 6 Oct 2020 00:29

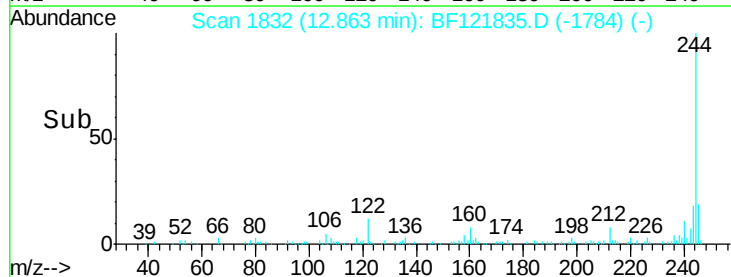
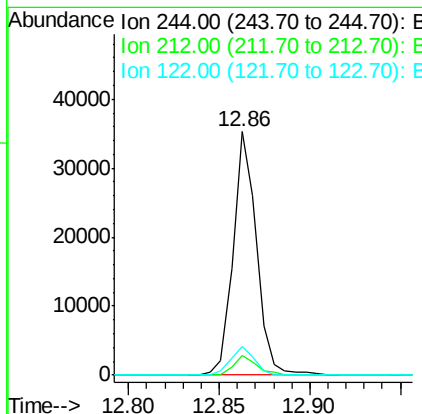
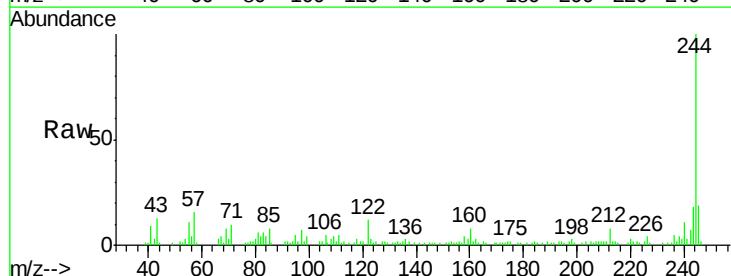
Instrument :
BNA_F
ClientSampleId :
B-18(0-1)

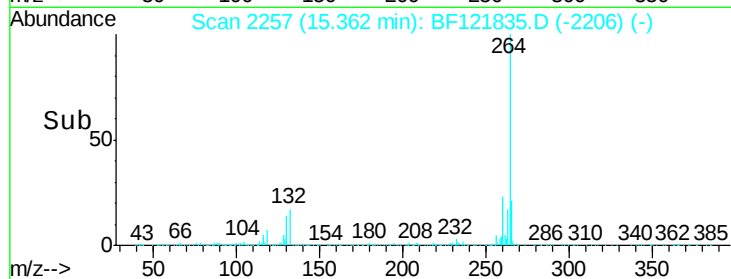
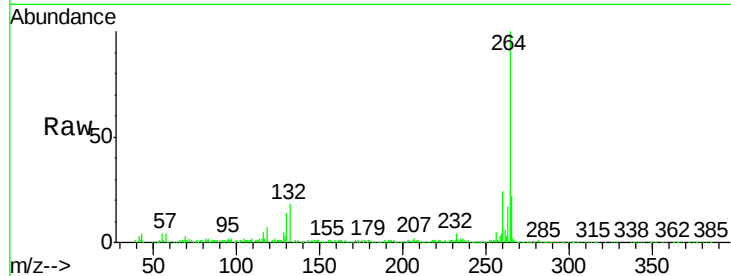
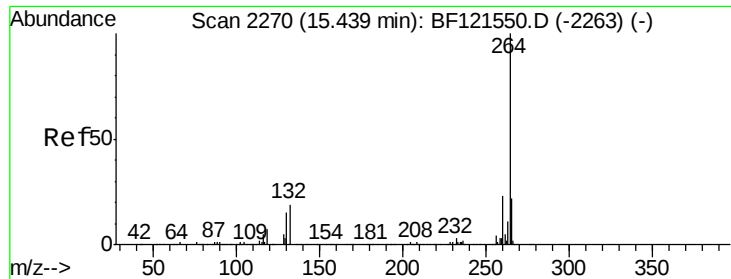
Tot Ion:240 Resp: 280707
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.7 20.9 31.3



#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

Tgt Ion:244 Resp: 31640
Ion Ratio Lower Upper
244 100
212 8.3 5.4 8.2#
122 11.6 8.1 12.1





#86
Pervlene-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

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.5	17.3	25.9

