

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121853.D
 Acq On : 6 Oct 2020 15:27
 Operator : JU/CG
 Sample : L4272-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-3-(6)

Quant Time: Oct 06 16:06:08 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

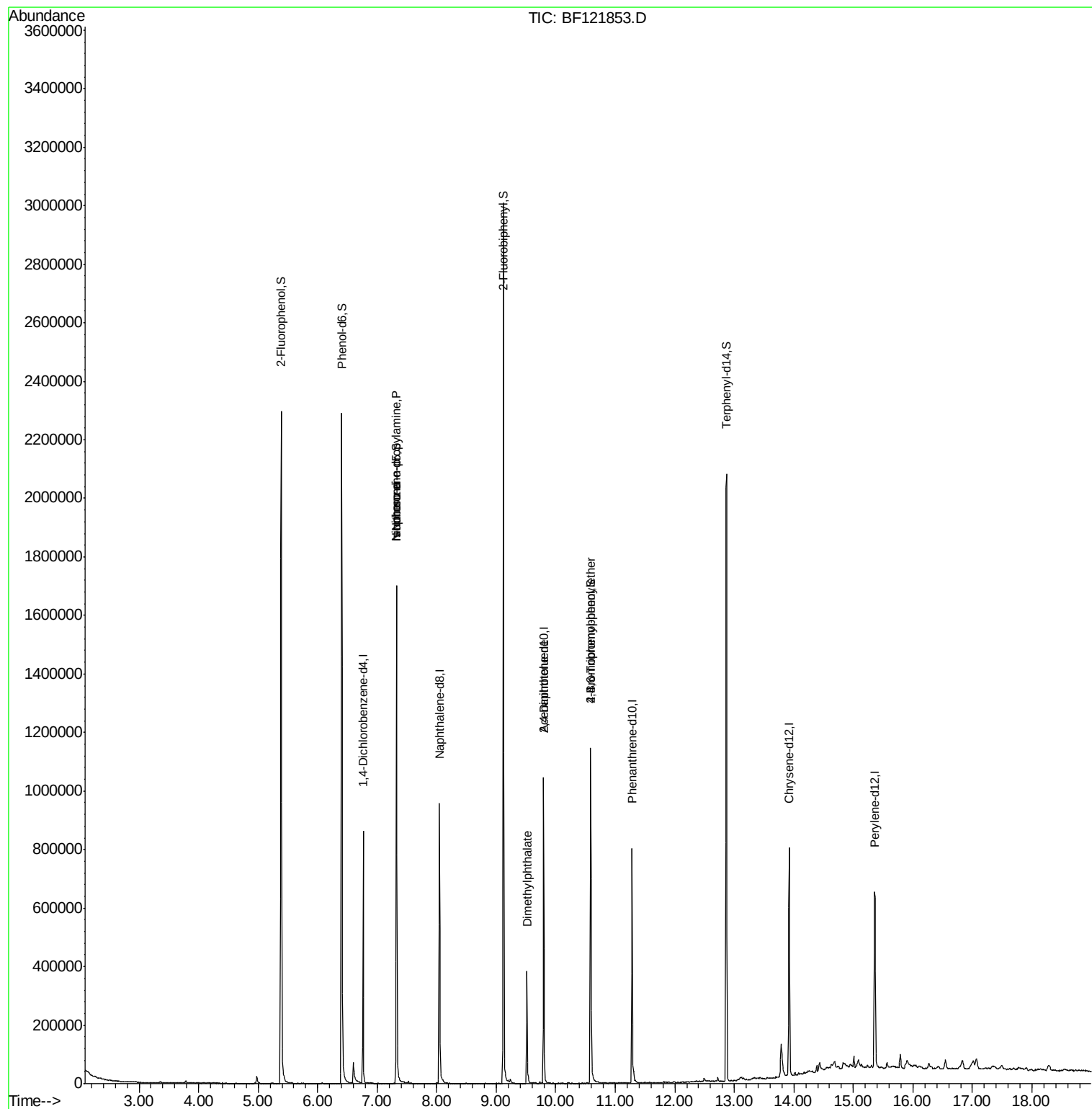
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	115369	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	438506	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	205532	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	321641	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	262687	20.00	ng	-0.01
86) Perylene-d12	15.36	264	279779	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	639039	82.32	ng	0.00
7) Phenol-d6	6.40	99	795336	78.09	ng	-0.01
23) Nitrobenzene-d5	7.33	82	536180	65.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	157114	61.51	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	909491	67.02	ng	-0.01
79) Terphenyl-d14	12.87	244	669943	51.67	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	71347	12.155	ng	# 79
25) Isophorone	7.33	82	536175	32.613	ng	# 67
50) Dimethylphthalate	9.52	163	163749	10.992	ng	98
57) 2,4-Dinitrotoluene	9.80	165	25970	6.507	ng	# 20
67) 4-Bromophenyl-phenylether	10.59	248	9166	2.503	ng	# 1

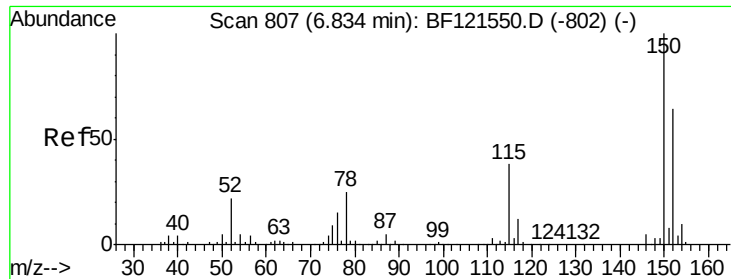
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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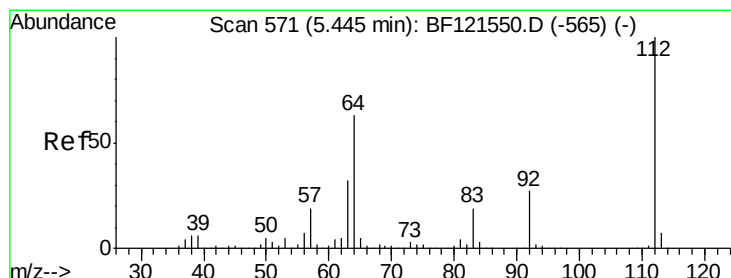
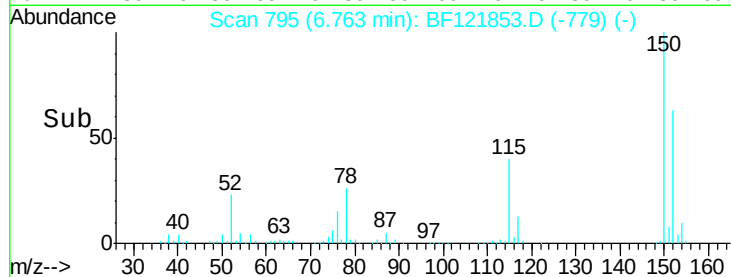
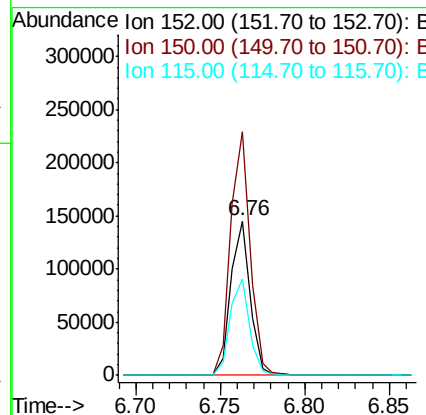
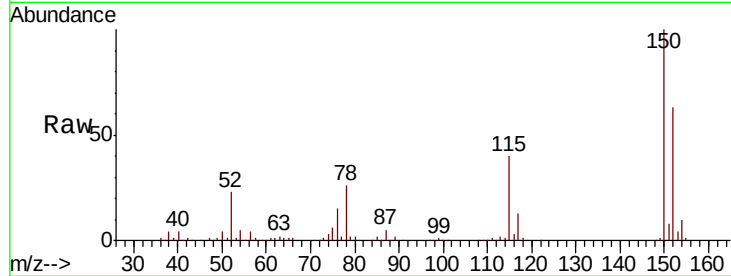


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121853.D
Acq: 6 Oct 2020 15:27

Instrument :
BNA_F
ClientSampleId :
MH-3-(6)

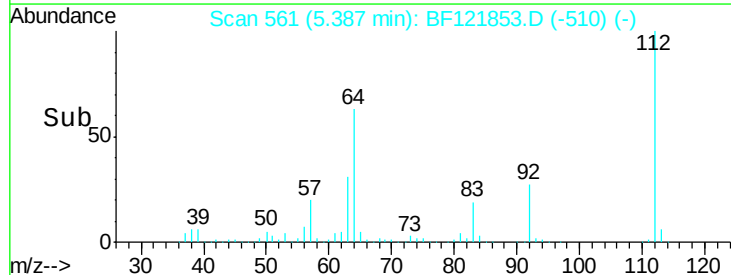
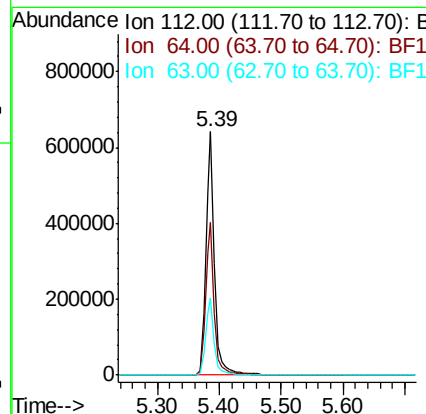
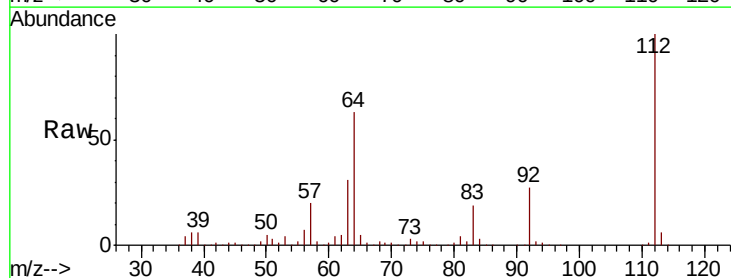
Tot Ion:152 Resp: 115369
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 62.5 51.9 77.9

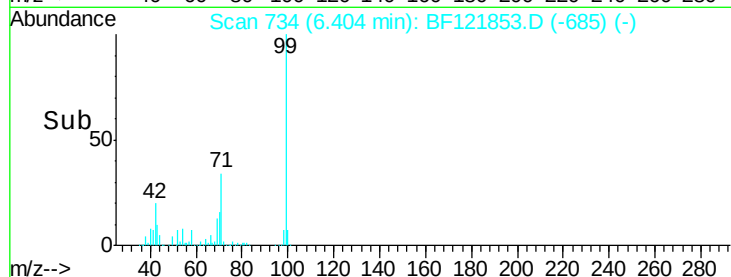
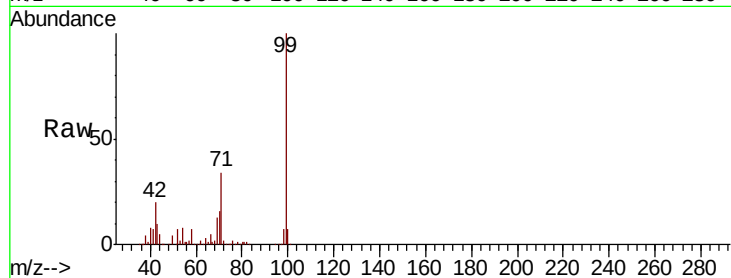
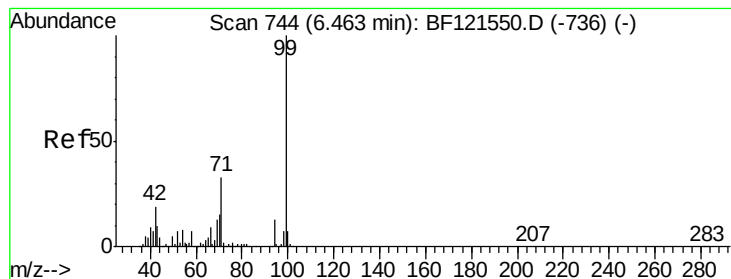


#5

2-Fluorophenol
Concen: 82.318 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121853.D
Acq: 6 Oct 2020 15:27

Tgt Ion:112 Resp: 639039
Ion Ratio Lower Upper
112 100
64 62.8 50.4 75.6
63 31.5 25.8 38.6





#7

Phenol-d6

Concen: 78.091 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121853.D

Acq: 6 Oct 2020 15:27

Instrument :

BNA_F

ClientSampleId :

MH-3-(6)

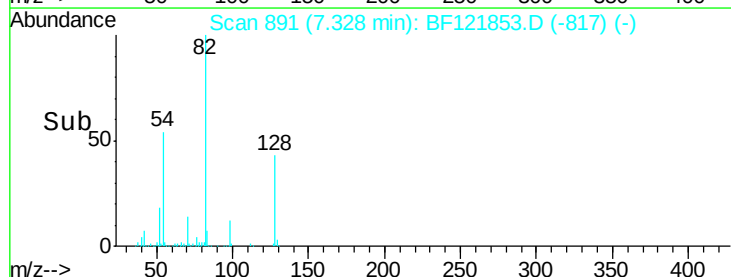
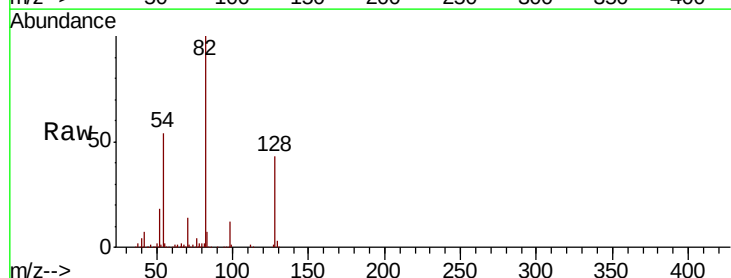
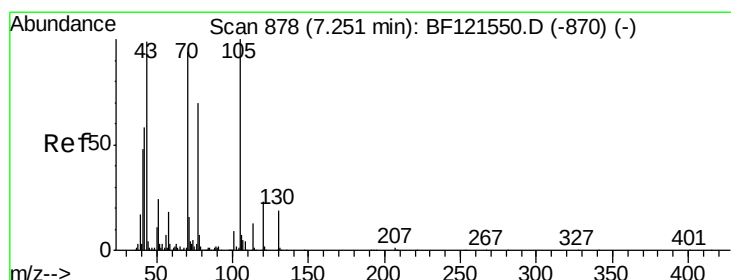
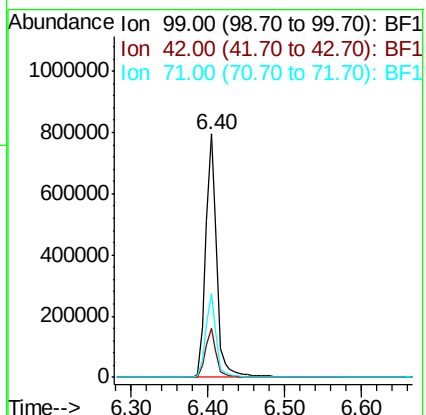
Tot Ion: 99 Resp: 795336

Ion Ratio Lower Upper

99 100

42 20.4 15.9 23.9

71 34.1 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.155 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121853.D

Acq: 6 Oct 2020 15:27

Tgt Ion: 70 Resp: 71347

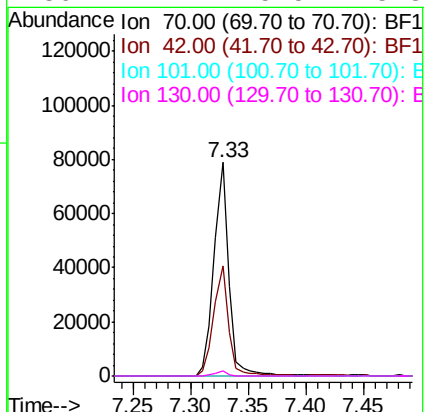
Ion Ratio Lower Upper

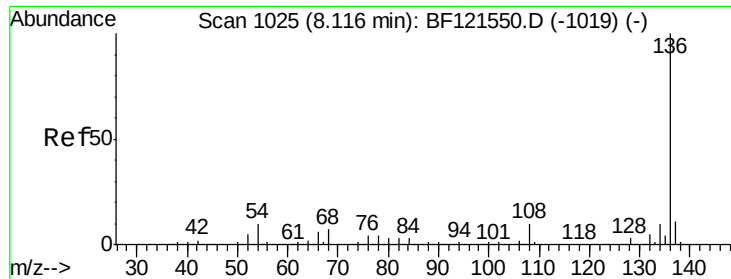
70 100

42 51.4 50.2 75.4

101 0.0 7.5 11.3#

130 2.2 15.5 23.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121853.D

Acq: 6 Oct 2020 15:27

Instrument :

BNA_F

ClientSampleId :

MH-3-(6)

Tot Ion:136 Resp: 438506

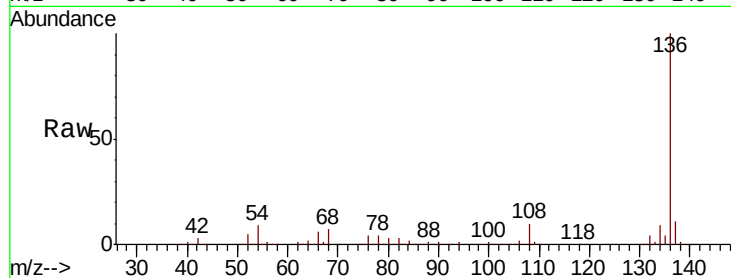
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.4 7.1 10.7

68 6.9 5.0 7.4

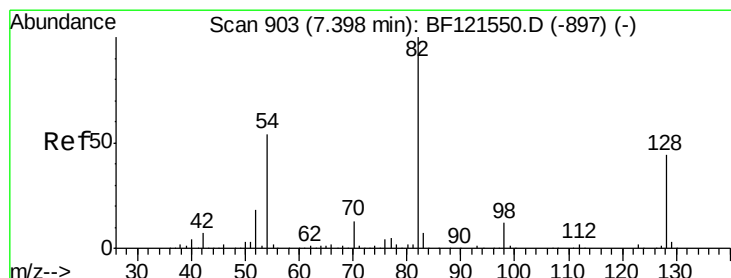
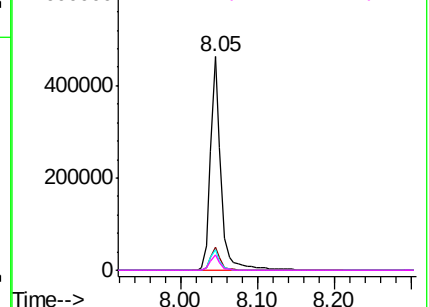
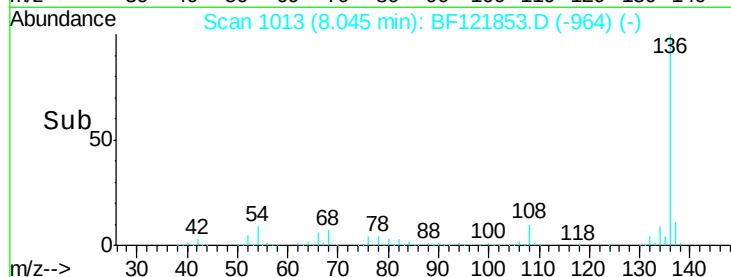


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.651 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF121853.D

Acq: 6 Oct 2020 15:27

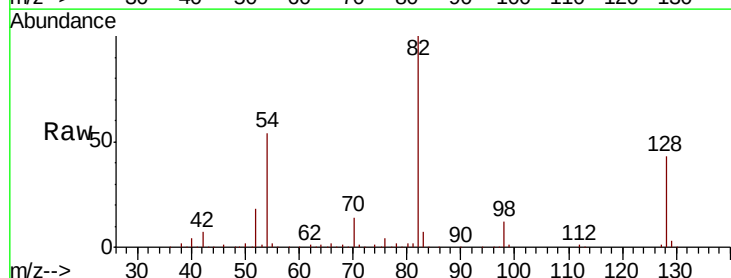
Tgt Ion: 82 Resp: 536180

Ion Ratio Lower Upper

82 100

128 42.7 35.0 52.4

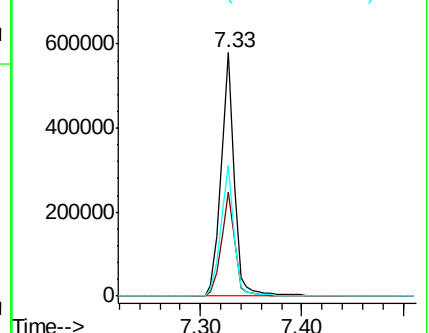
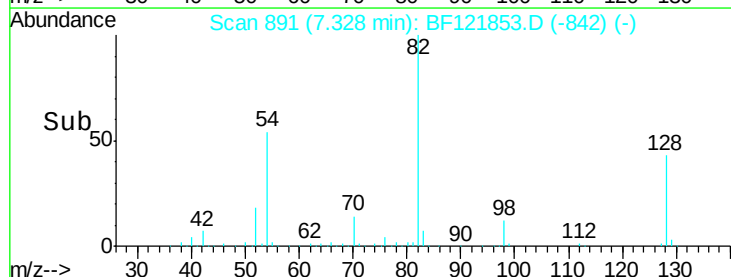
54 53.7 43.9 65.9

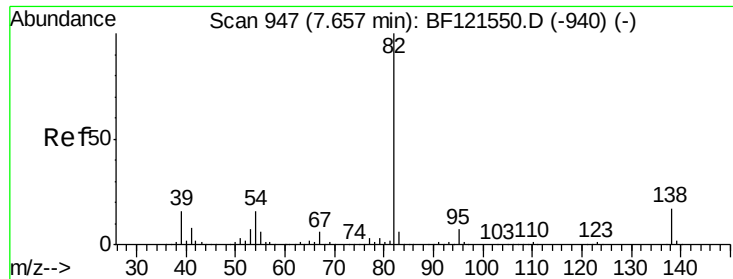


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

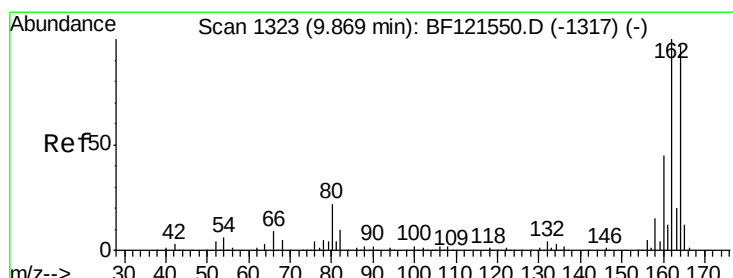
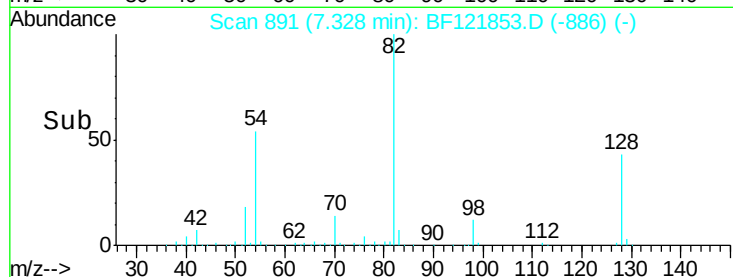
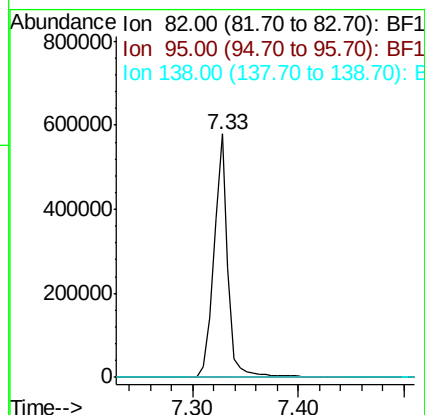
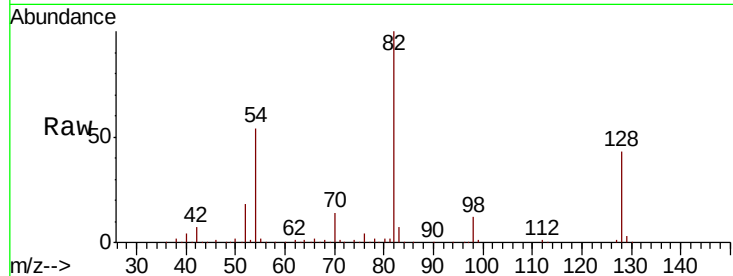




#25
Isophorone
Concen: 32.613 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.27 min
Lab File: BF121853.D
Acq: 6 Oct 2020 15:27

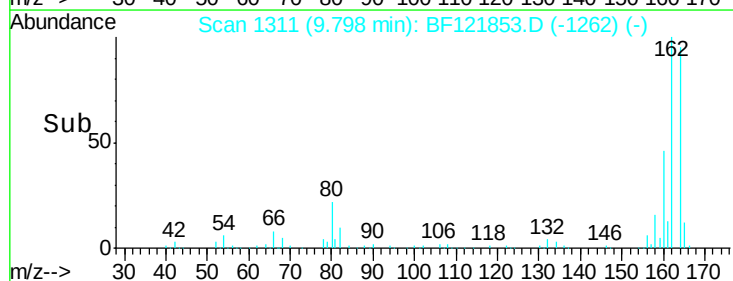
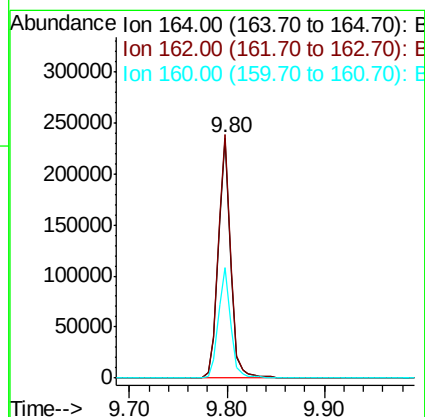
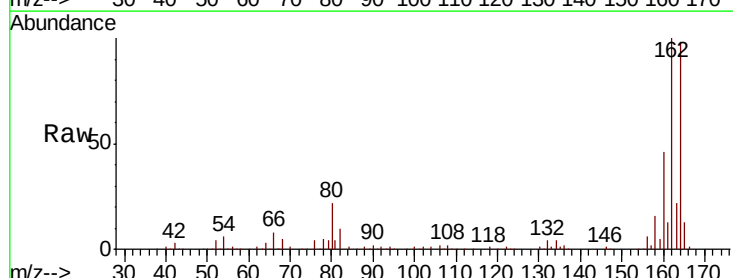
Instrument :
BNA_F
ClientSampleId :
MH-3-(6)

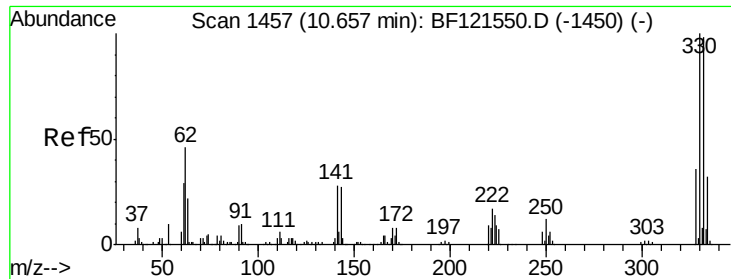
Tot Ion: 82 Resp: 536175
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121853.D
Acq: 6 Oct 2020 15:27

Tgt Ion: 164 Resp: 205532
Ion Ratio Lower Upper
164 100
162 101.5 83.2 124.8
160 46.2 37.5 56.3

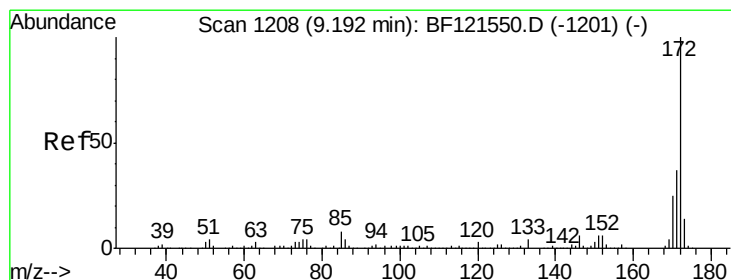
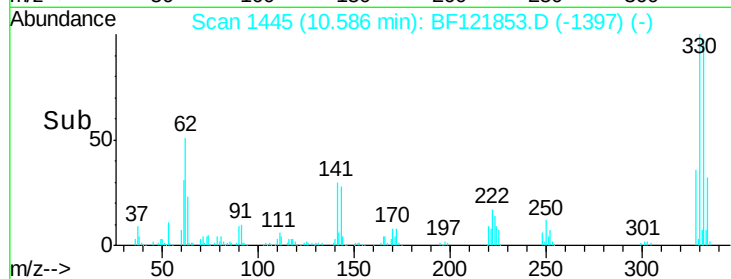
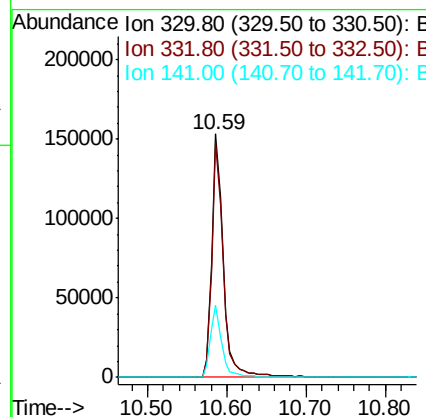
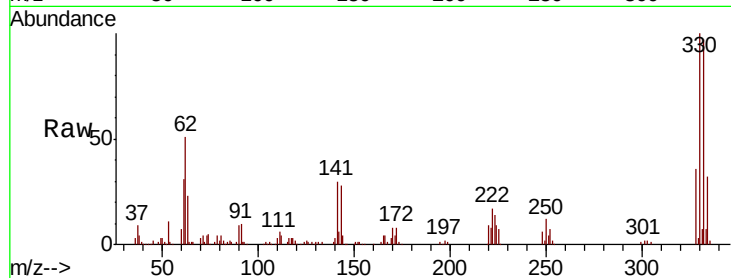




#42
 2,4,6-Tribromophenol
 Concen: 61.505 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.02 min
 Lab File: BF121853.D
 Acq: 6 Oct 2020 15:27

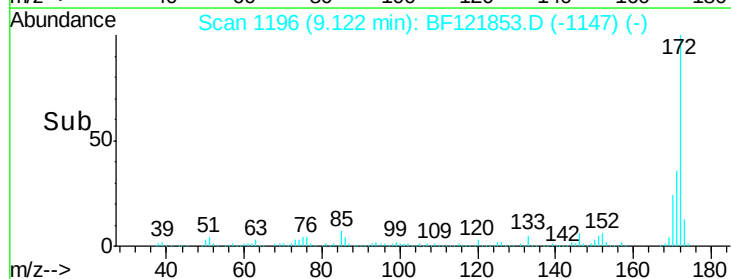
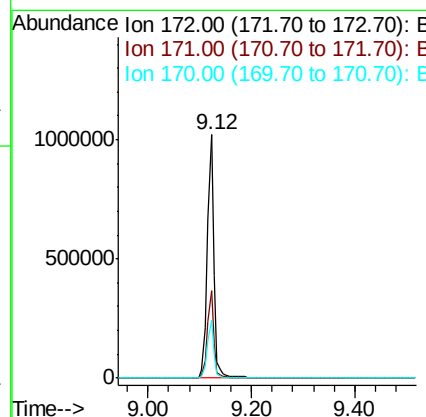
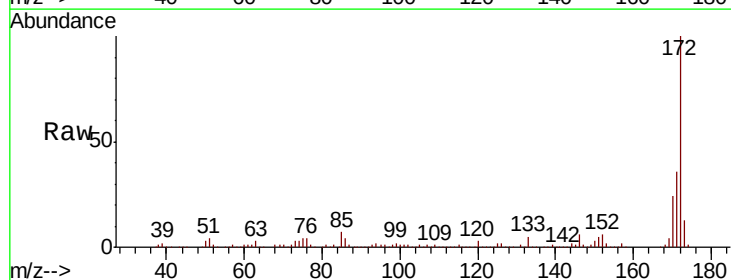
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 ClientSampleId :
 MH-3-(6)

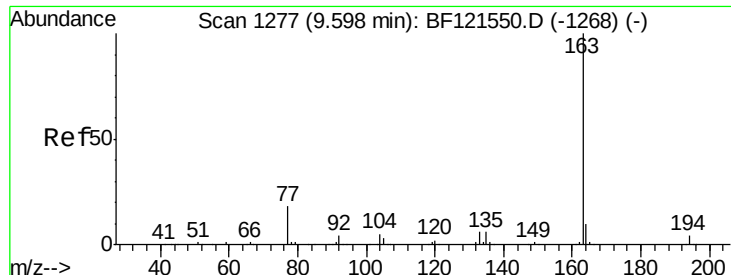
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.3	115.9
141	29.5	22.3	33.5



#45
 2-Fluorobiphenyl
 Concen: 67.019 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121853.D
 Acq: 6 Oct 2020 15:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.1	43.7
170	24.0	19.8	29.6

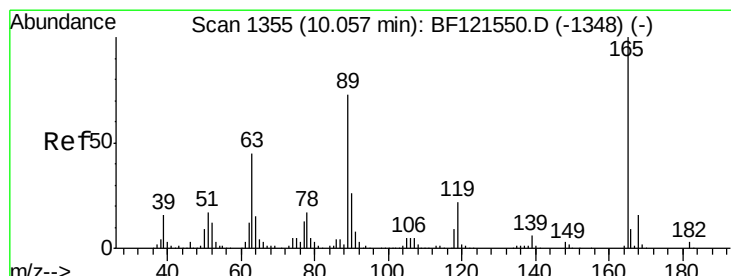
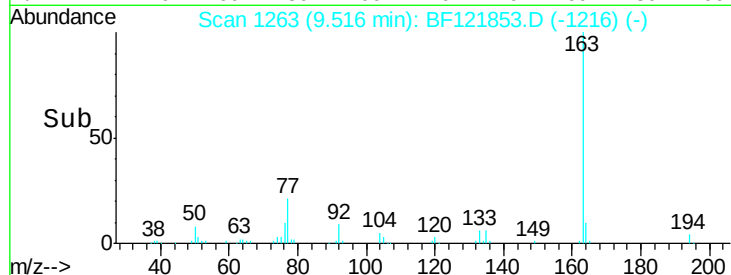
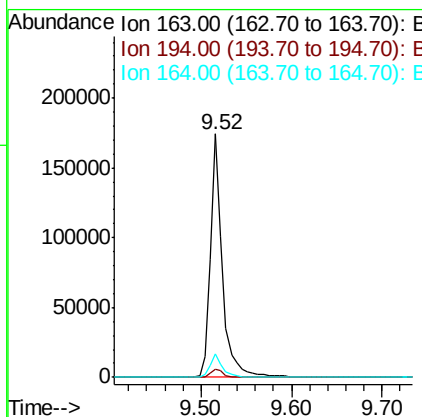
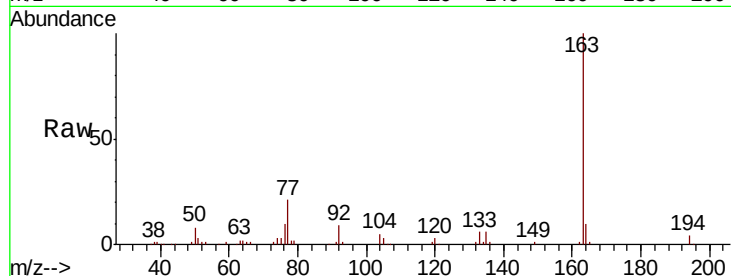




#50
 Dimethylphthalate
 Concen: 10.992 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.02 min
 Lab File: BF121853.D
 Acq: 6 Oct 2020 15:27

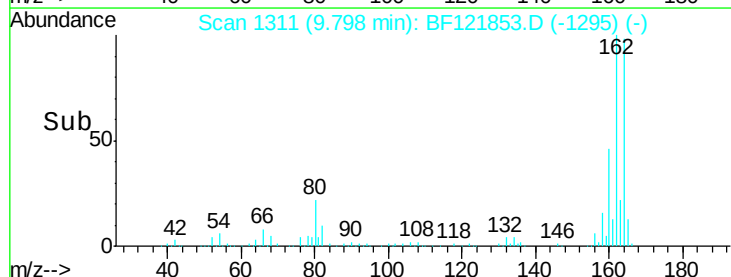
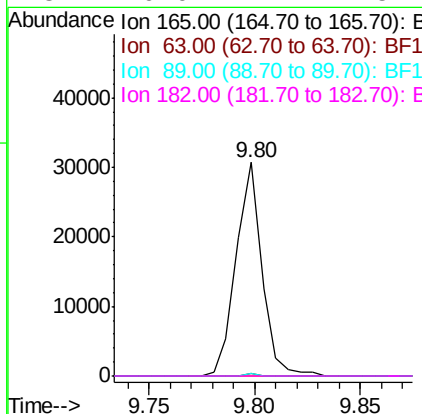
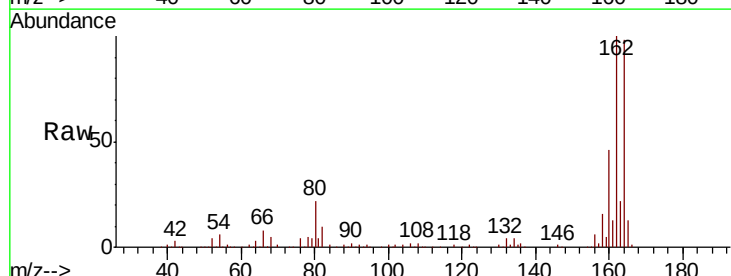
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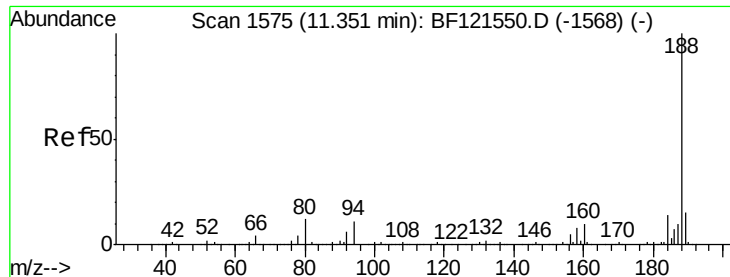
Tot Ion:	163	Resp:	163749
Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.3	4.9
164	9.6	8.2	12.4



#57
 2,4-Dinitrotoluene
 Concen: 6.507 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF121853.D
 Acq: 6 Oct 2020 15:27

Tgt Ion:	165	Resp:	25970
Ion	Ratio	Lower	Upper
165	100		
63	1.1	41.3	61.9#
89	1.1	61.8	92.8#
182	0.0	2.1	3.1#

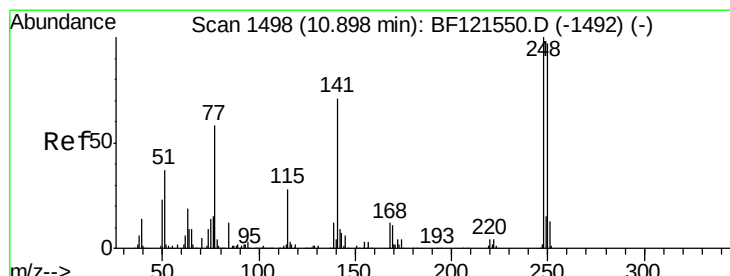
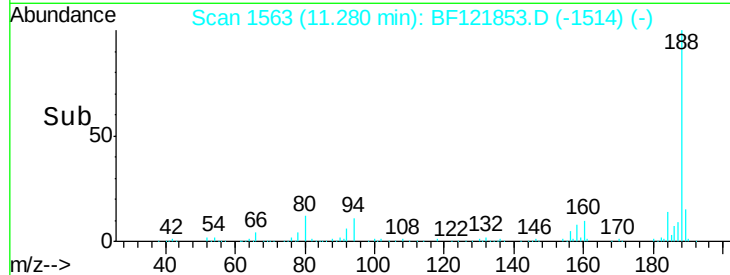
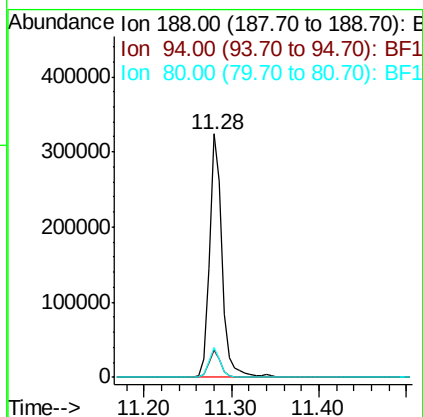
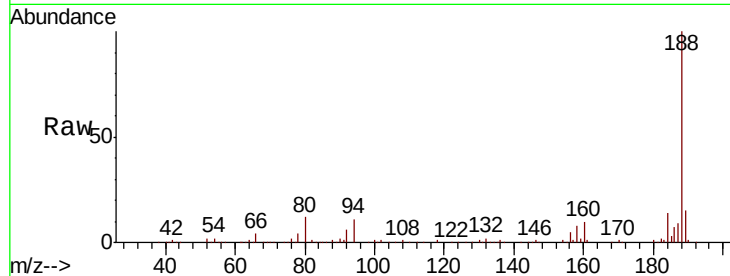




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF121853.D
Acq: 6 Oct 2020 15:27

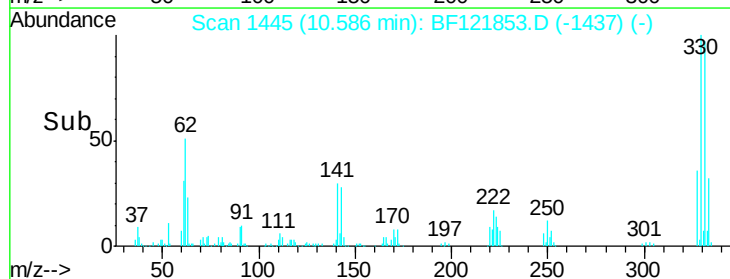
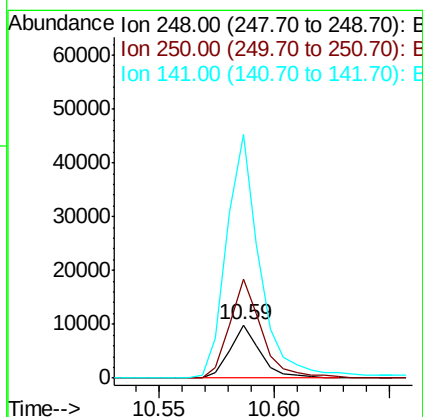
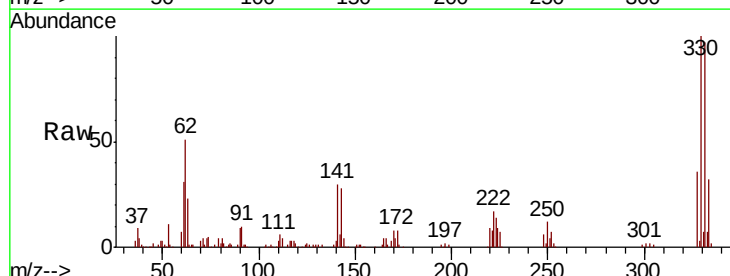
Instrument :
BNA_F
ClientSampled :
MH-3-(6)

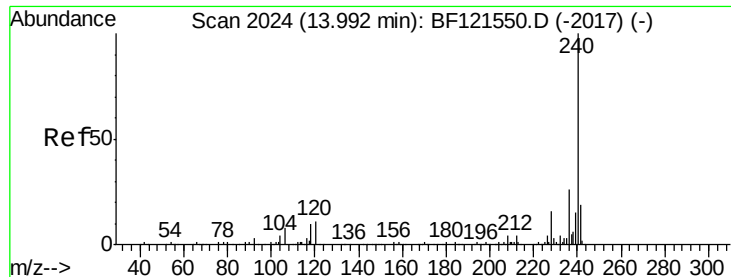
Tot Ion:188 Resp: 321641
Ion Ratio Lower Upper
188 100
94 11.0 8.3 12.5
80 12.4 9.1 13.7



#67
4-Bromophenyl-phenylether
Concen: 2.503 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.25 min
Lab File: BF121853.D
Acq: 6 Oct 2020 15:27

Tgt Ion:248 Resp: 9166
Ion Ratio Lower Upper
248 100
250 187.4 77.0 115.6#
141 458.4 53.7 80.5#

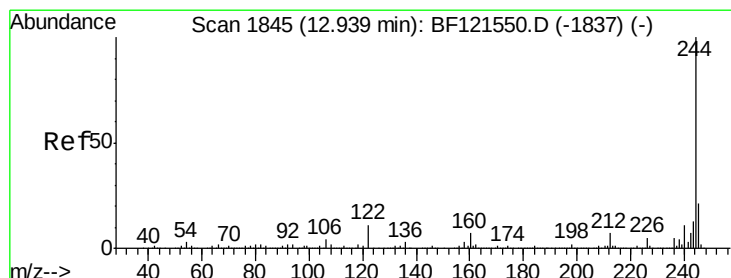
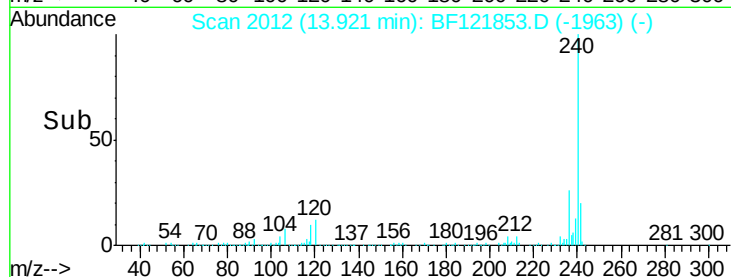
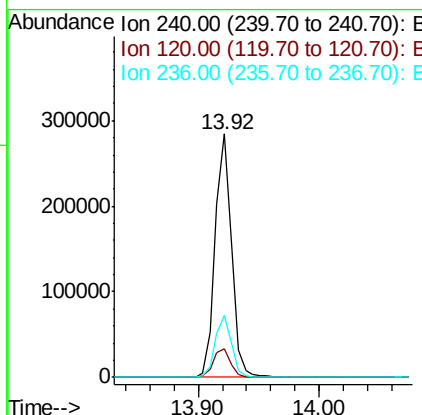
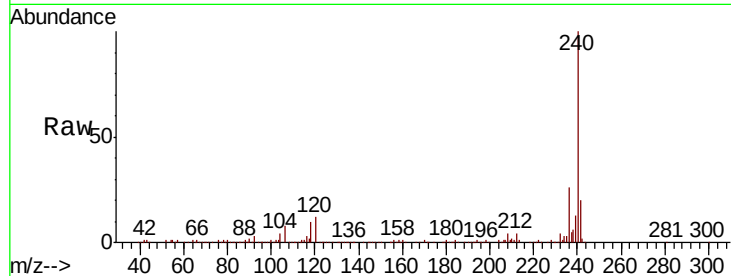




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121853.D
Acq: 6 Oct 2020 15:27

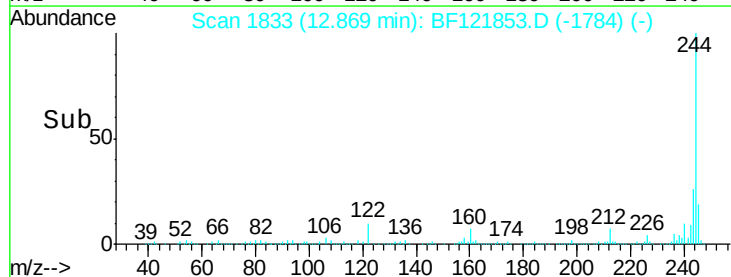
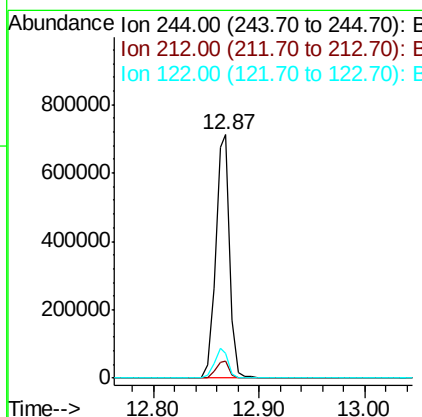
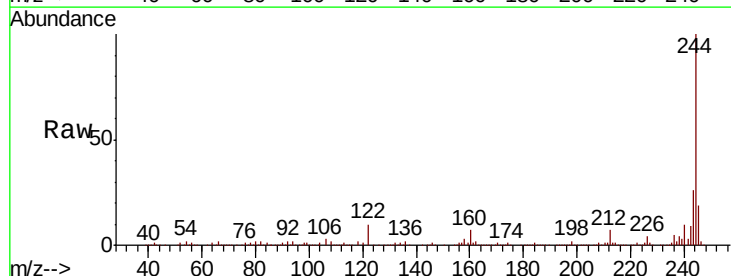
Instrument :
BNA_F
ClientSampleId :
MH-3-(6)

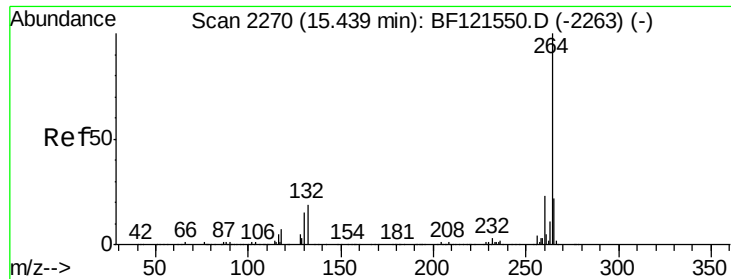
Tot Ion:240 Resp: 262687
Ion Ratio Lower Upper
240 100
120 11.9 9.2 13.8
236 25.5 20.9 31.3



#79
Terphenyl-d14
Concen: 51.668 ng
RT: 12.87 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BF121853.D
Acq: 6 Oct 2020 15:27

Tgt Ion:244 Resp: 669943
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.2 8.1 12.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121853.D
Acq: 6 Oct 2020 15:27

Instrument :
BNA_F
ClientSampleId :
MH-3-(6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.7	28.1
265	20.9	17.3	25.9

