

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060220\
 Data File : BF120491.D
 Acq On : 2 Jun 2020 13:34
 Operator : JU/CG
 Sample : PB129235BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 02 14:40:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF052820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 02 11:37:51 2020
 Response via : Initial Calibration

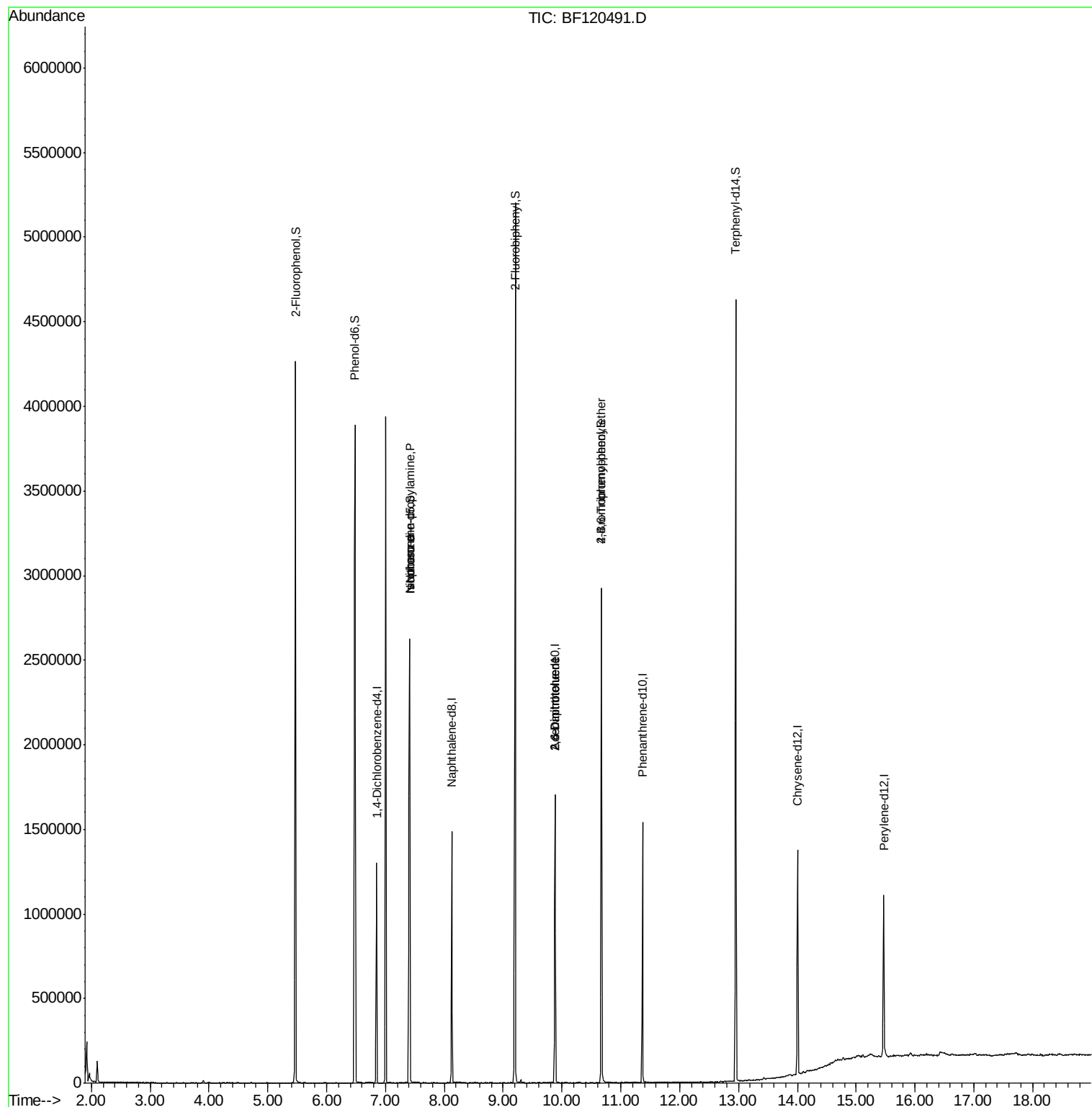
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	186934	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	671639	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	326323	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	560807	20.00	ng	0.00
76) Chrysene-d12	14.00	240	439494	20.00	ng	-0.01
86) Perylene-d12	15.47	264	449592	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1276011	130.09	ng	0.00
7) Phenol-d6	6.48	99	1563673	129.33	ng	0.00
23) Nitrobenzene-d5	7.41	82	997829	97.18	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	404593	133.81	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1758336	91.42	ng	0.00
79) Terphenyl-d14	12.96	244	1783203	90.29	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	131882	17.160	ng	# 79
25) Isophorone	7.41	82	992304	48.085	ng	# 64
51) 2,6-Dinitrotoluene	9.88	165	41480	9.149	ng	# 26
57) 2,4-Dinitrotoluene	9.88	165	41480	7.149	ng	# 26
67) 4-Bromophenyl-phenylether	10.67	248	23187	4.096	ng	# 1

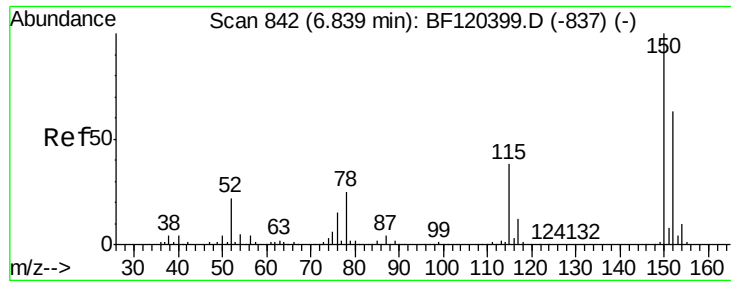
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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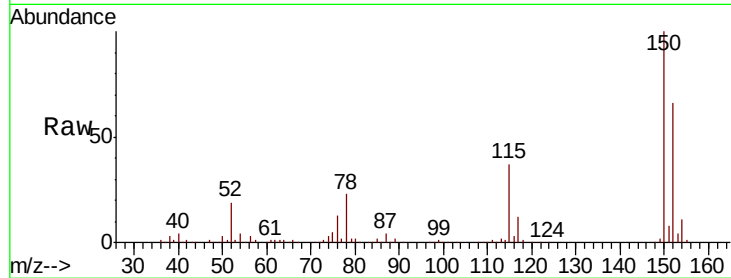


#1

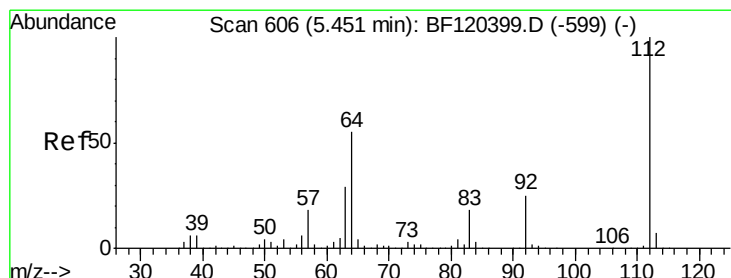
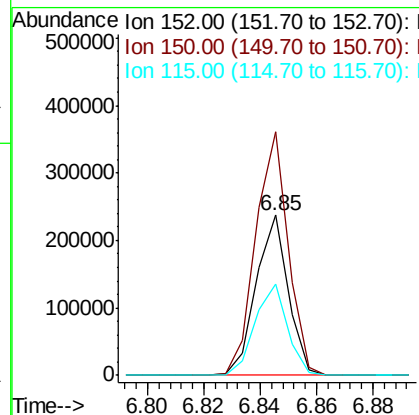
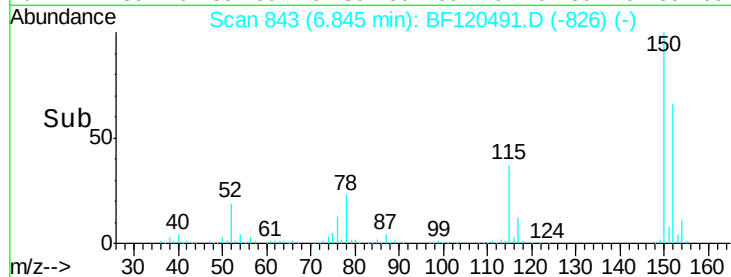
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 843
Delta R.T. 0.00 min
Lab File: BF120491.D
Acq: 2 Jun 2020 13:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 186934
Ion Ratio Lower Upper
152 100
150 152.1 126.7 190.1
115 57.0 46.2 69.2



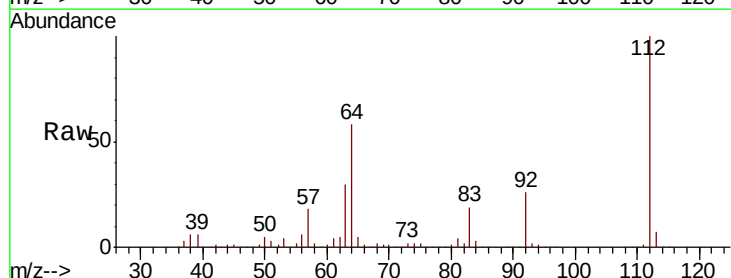
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



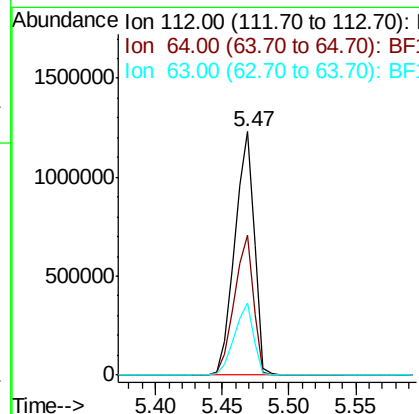
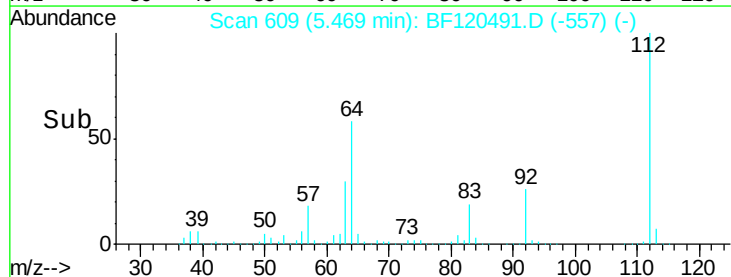
#5

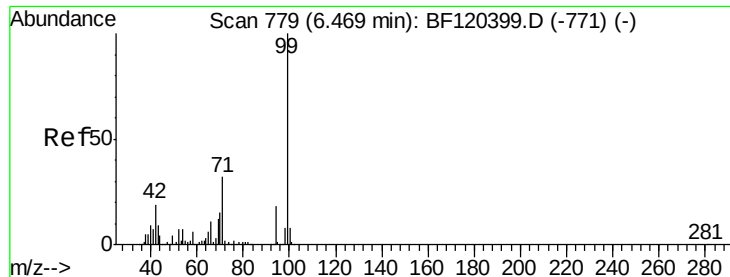
2-Fluorophenol
Concen: 130.086 ng
RT: 5.47 min Scan# 609
Delta R.T. 0.01 min
Lab File: BF120491.D
Acq: 2 Jun 2020 13:34

Tgt Ion:112 Resp: 1276011
Ion Ratio Lower Upper
112 100
64 57.7 46.3 69.5
63 29.7 24.2 36.2



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: 129.333 ng

RT: 6.48 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

Instrument :

BNA_F

ClientSampleId :

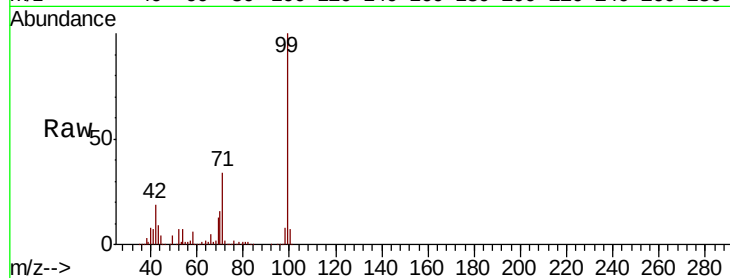
Tot Ion: 99 Resp: 1563673

Ion Ratio Lower Upper

99 100

42 19.1 15.1 22.7

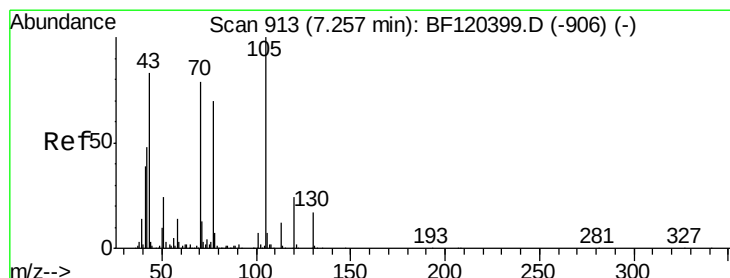
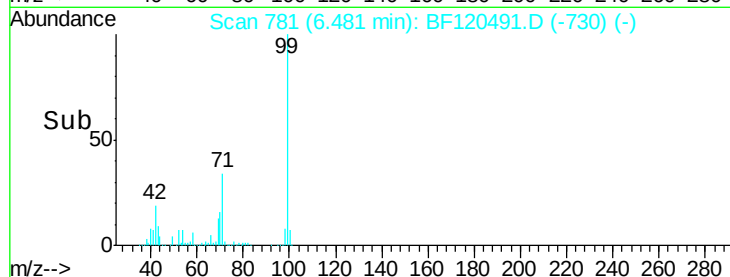
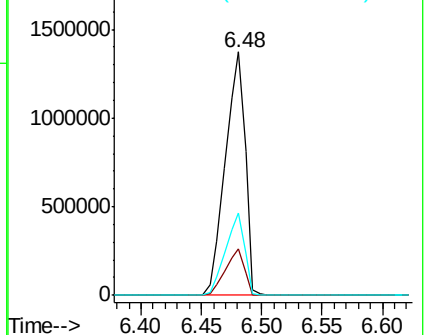
71 34.1 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.160 ng

RT: 7.40 min Scan# 938

Delta R.T. 0.14 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

Tgt Ion: 70 Resp: 131882

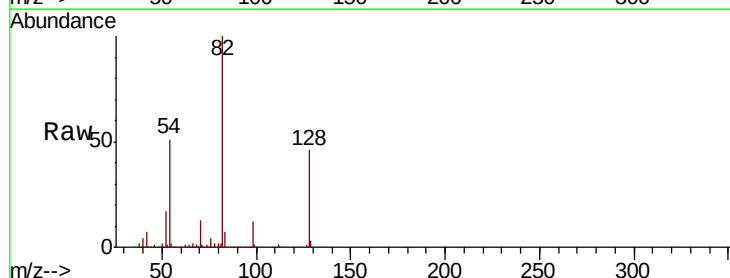
Ion Ratio Lower Upper

70 100

42 50.0 47.4 71.2

101 0.0 7.8 11.6#

130 2.4 17.1 25.7#

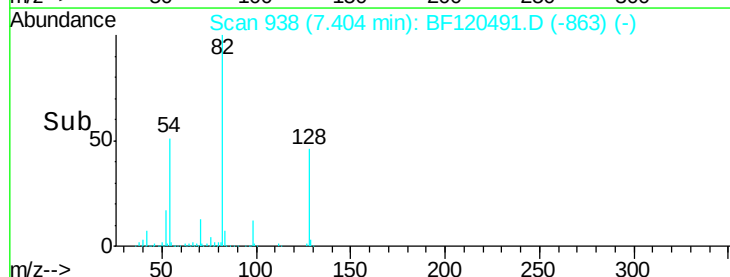
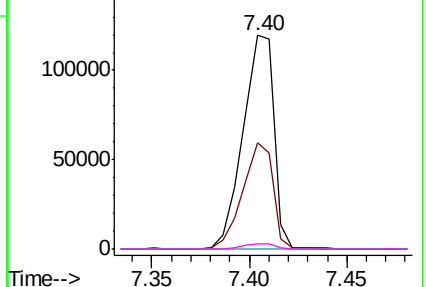


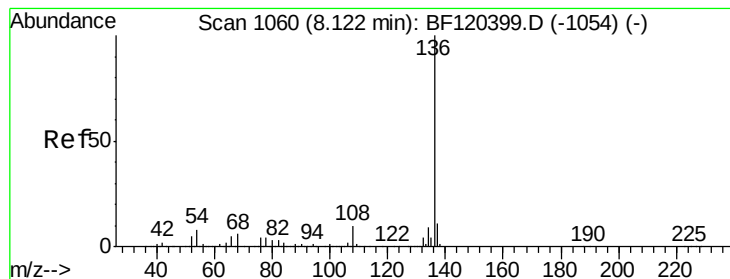
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 671639

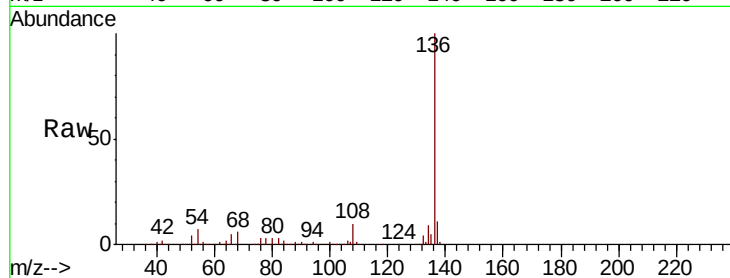
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 7.1 6.2 9.4

68 5.6 5.0 7.6

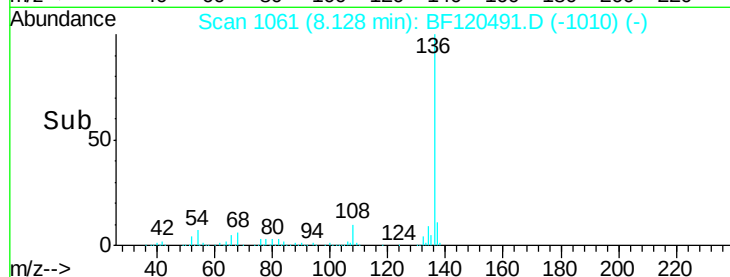


Abundance Ion 136.00 (135.70 to 136.70): E

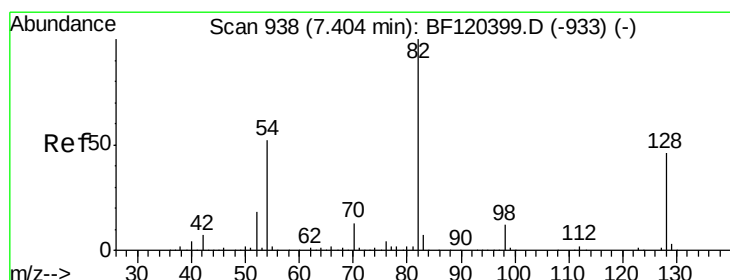
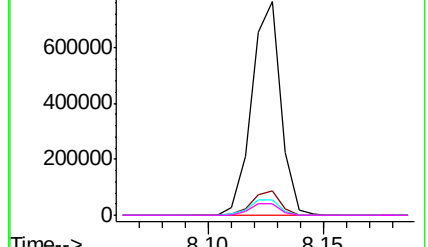
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#23

Nitrobenzene-d5

Concen: 97.182 ng

RT: 7.41 min Scan# 939

Delta R.T. 0.00 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

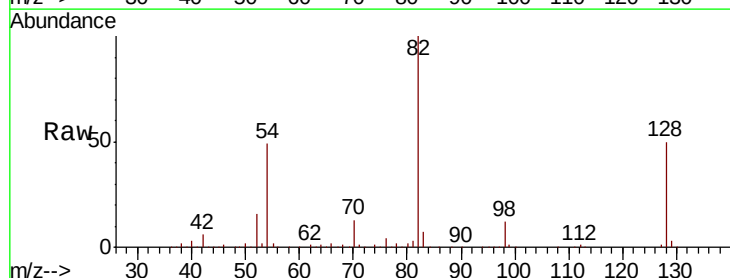
Tgt Ion: 82 Resp: 997829

Ion Ratio Lower Upper

82 100

128 49.6 37.0 55.6

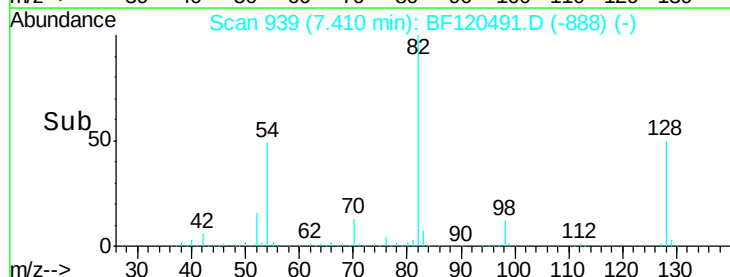
54 48.9 41.0 61.4



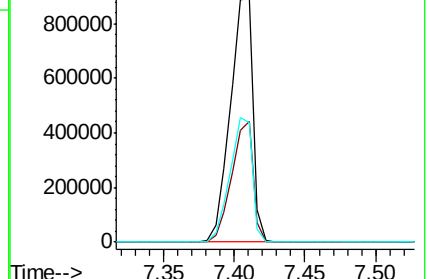
Abundance Ion 82.00 (81.70 to 82.70): BF1

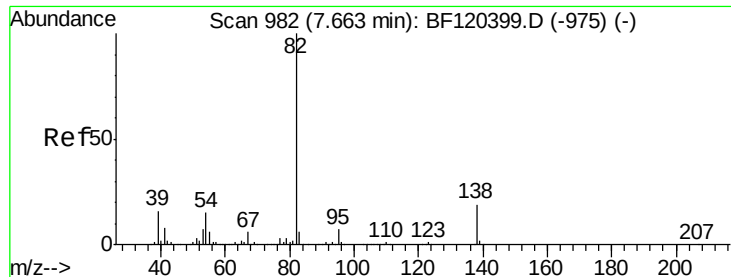
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->





#25

Isophorone

Concen: 48.085 ng

RT: 7.41 min Scan# 939

Delta R.T. -0.26 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

Instrument :

BNA_F

ClientSampleId :

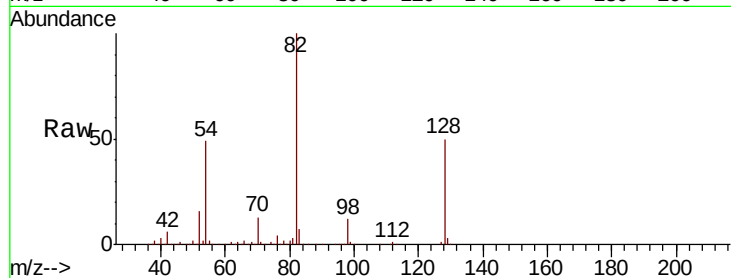
Tot Ion: 82 Resp: 992304

Ion Ratio Lower Upper

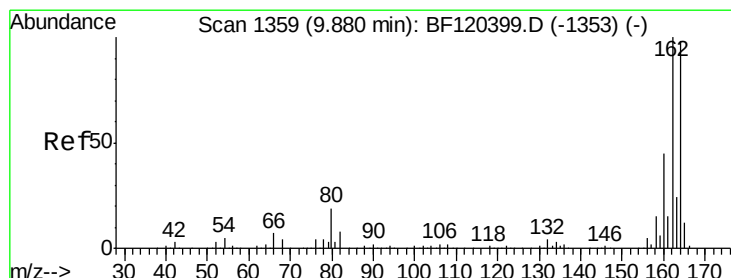
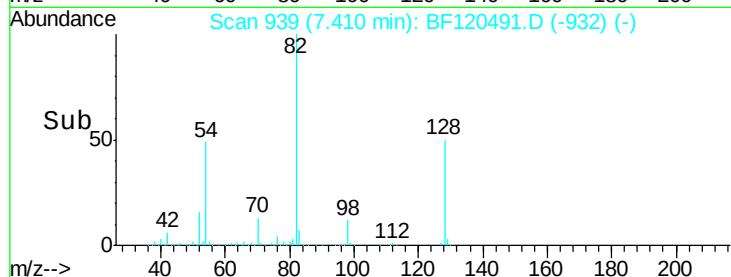
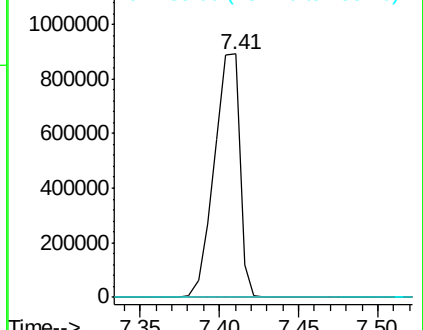
82 100

95 0.0 5.7 8.5#

138 0.0 15.0 22.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1359

Delta R.T. -0.01 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

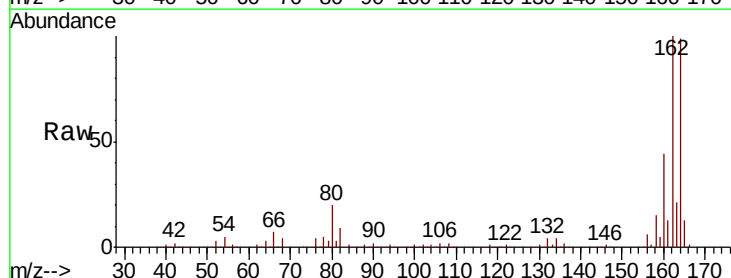
Tgt Ion: 164 Resp: 326323

Ion Ratio Lower Upper

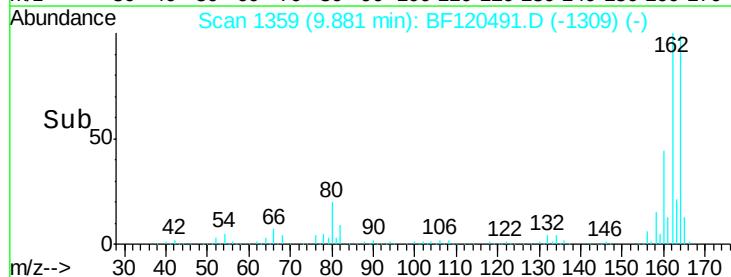
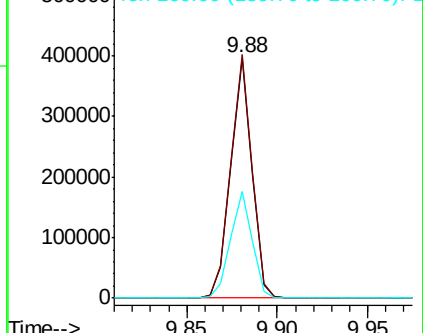
164 100

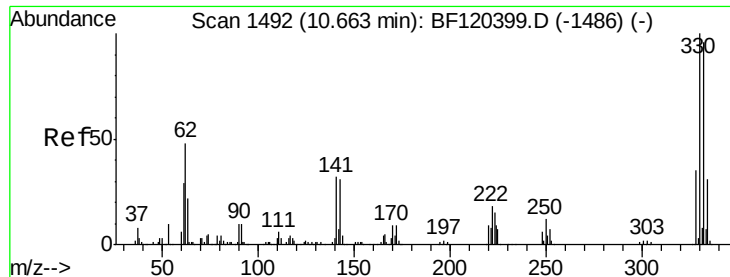
162 101.5 81.9 122.9

160 44.6 37.4 56.0



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: 133.815 ng

RT: 10.67 min Scan# 1494

Delta R.T. -0.01 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

Instrument :

BNA_F

ClientSampled :

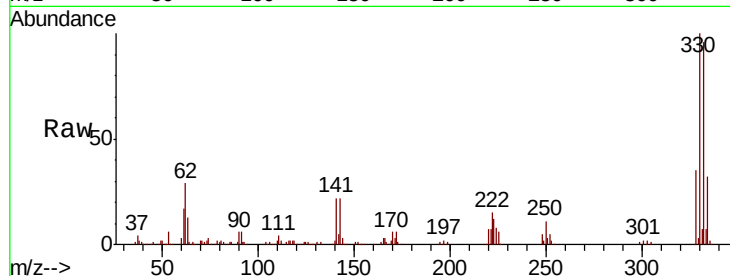
Tot Ion:330 Resp: 404593

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

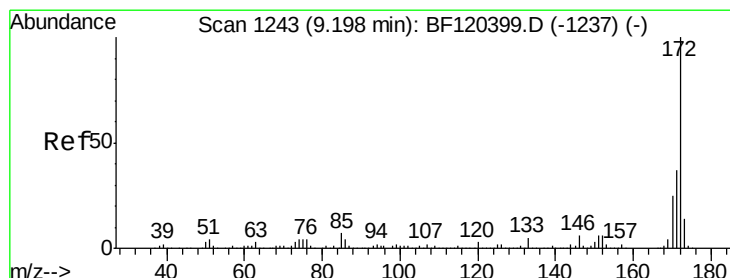
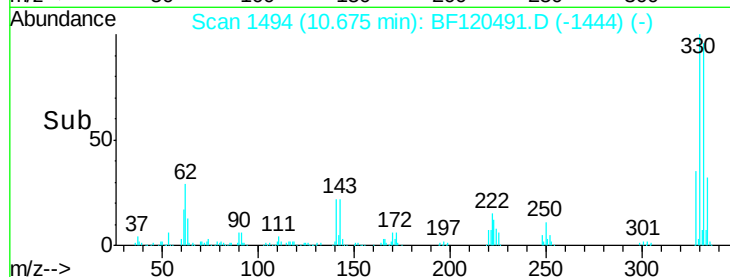
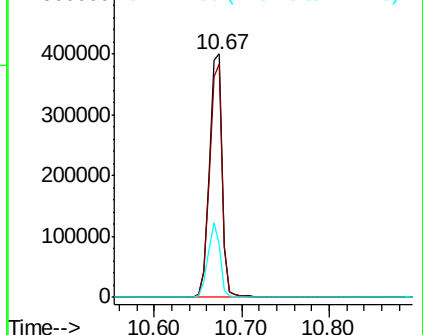
141 29.0 23.9 35.9



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: 91.423 ng

RT: 9.20 min Scan# 1244

Delta R.T. 0.00 min

Lab File: BF120491.D

Acq: 2 Jun 2020 13:34

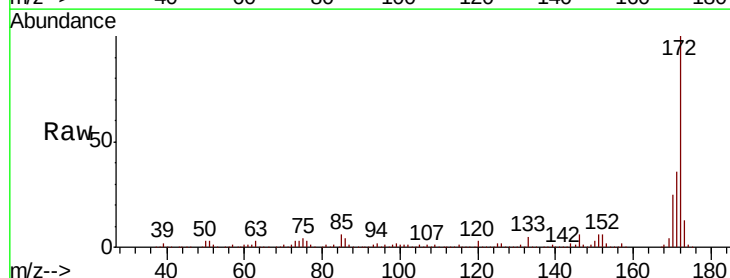
Tgt Ion:172 Resp: 1758336

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.2

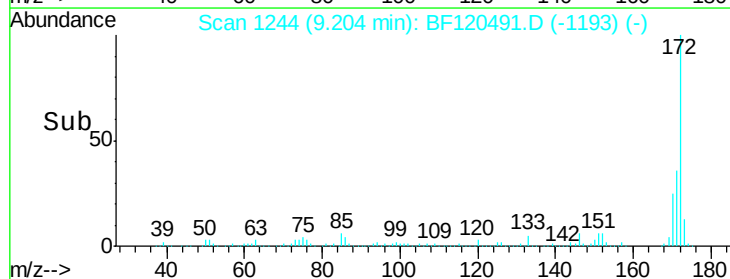
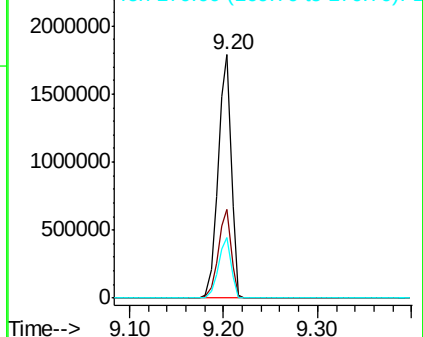
170 24.8 19.9 29.9

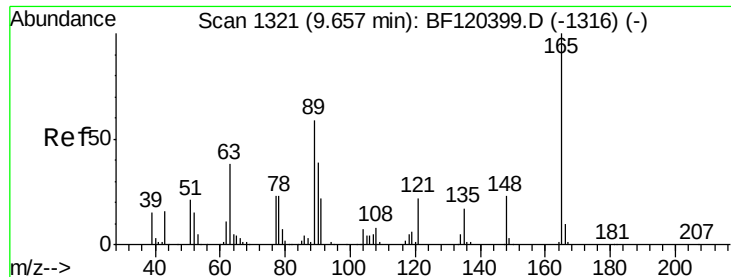


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

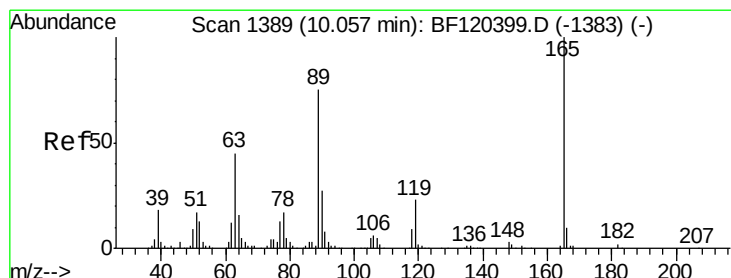
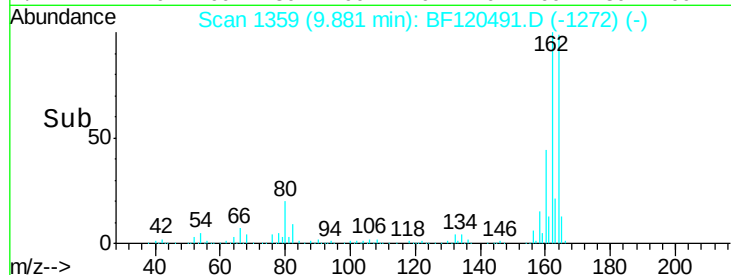
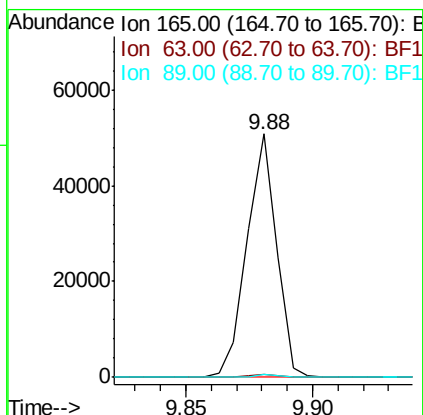
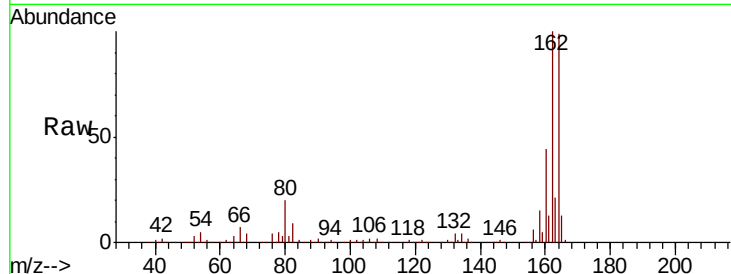




#51
 2,6-Dinitrotoluene
 Concen: 9.149 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. 0.21 min
 Lab File: BF120491.D
 Acq: 2 Jun 2020 13:34

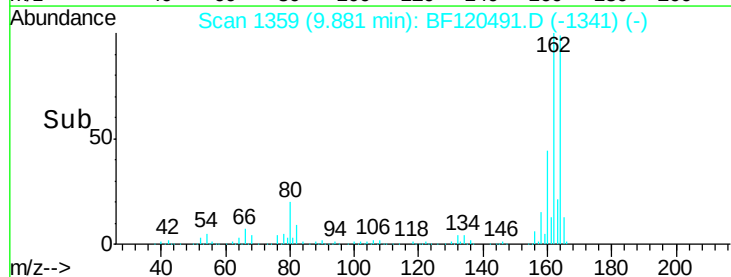
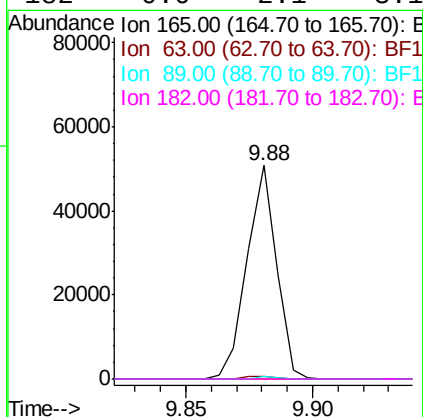
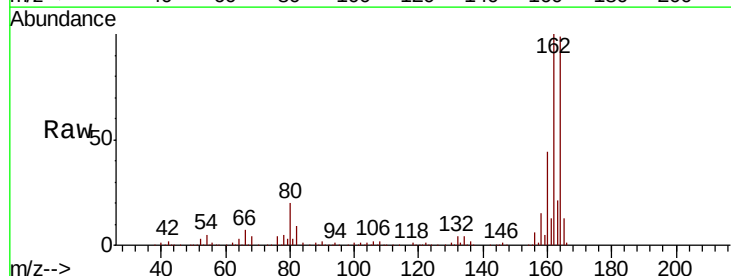
Instrument :
 BNA_F
 ClientSampleId :

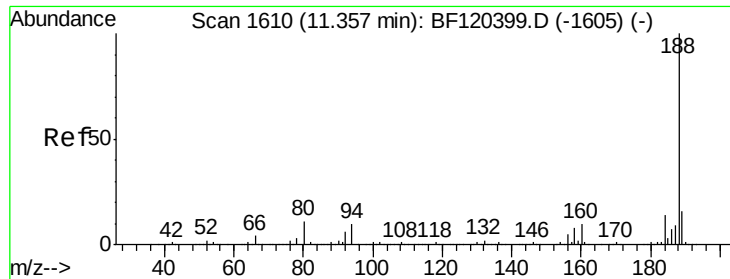
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.3	66.5#
89	1.4	43.0	64.4#



#57
 2,4-Dinitrotoluene
 Concen: 7.149 ng
 RT: 9.88 min Scan# 1359
 Delta R.T. -0.19 min
 Lab File: BF120491.D
 Acq: 2 Jun 2020 13:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	33.1	49.7#
89	1.4	55.0	82.4#
182	0.0	2.1	3.1#

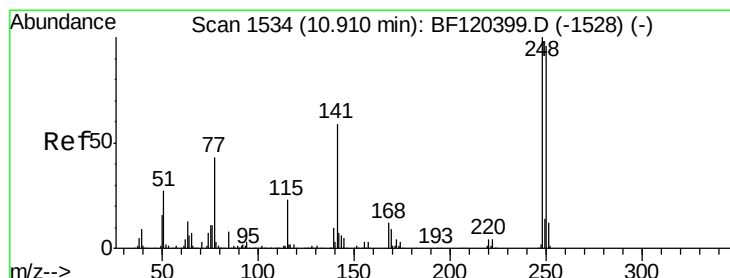
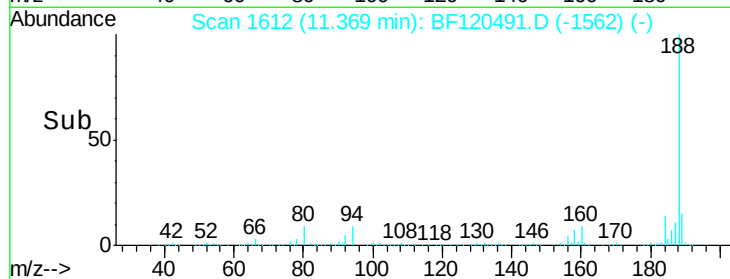
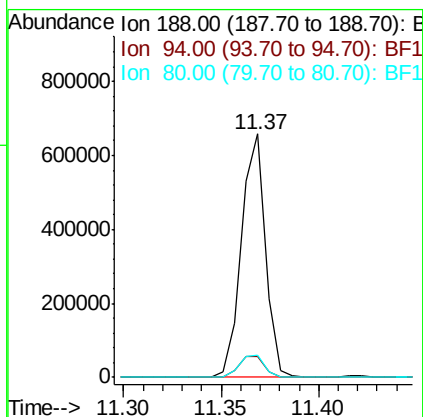
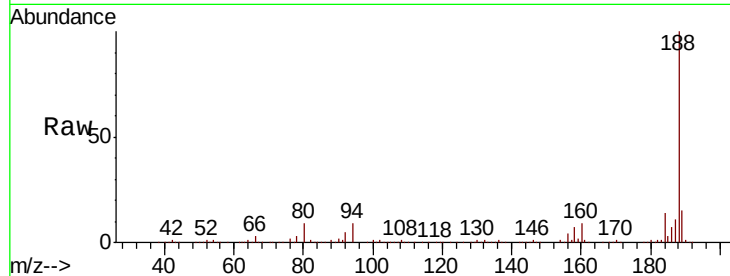




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.37 min Scan# 1612
 Delta R.T. -0.01 min
 Lab File: BF120491.D
 Acq: 2 Jun 2020 13:34

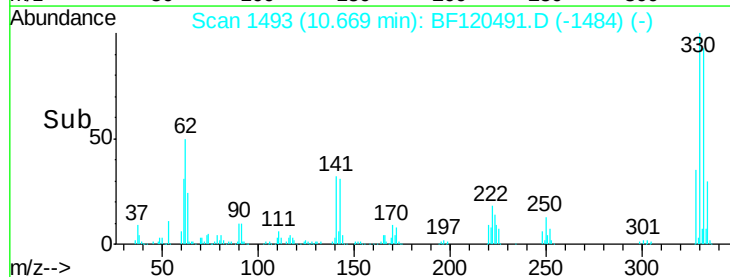
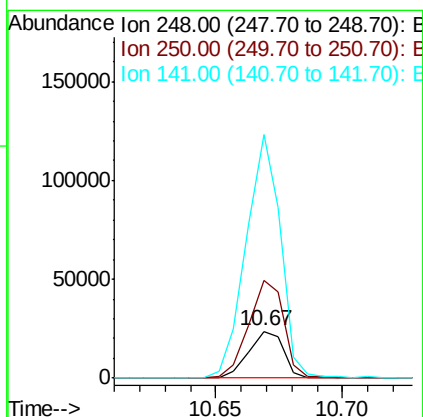
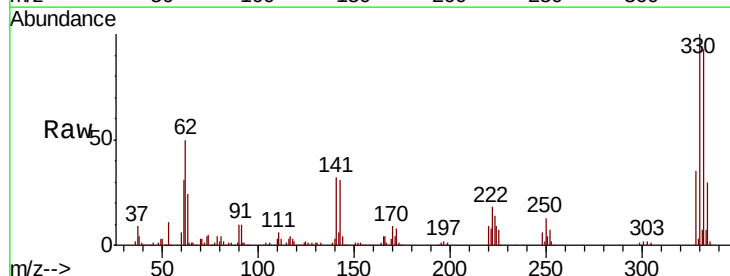
Instrument :
 BNA_F
 ClientSampleId :

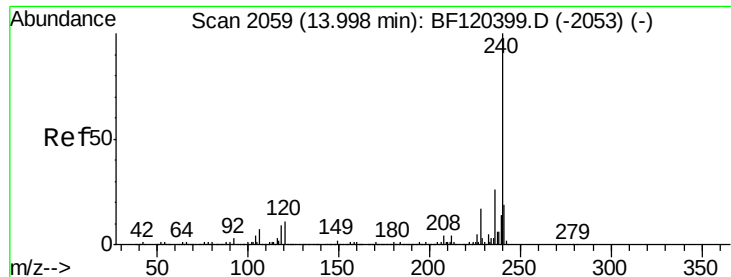
Tot Ion:188 Resp: 560807
 Ion Ratio Lower Upper
 188 100
 94 8.7 6.6 10.0
 80 9.1 7.1 10.7



#67
 4-Bromophenyl-phenylether
 Concen: 4.096 ng
 RT: 10.67 min Scan# 1493
 Delta R.T. -0.25 min
 Lab File: BF120491.D
 Acq: 2 Jun 2020 13:34

Tgt Ion:248 Resp: 23187
 Ion Ratio Lower Upper
 248 100
 250 209.6 77.8 116.6#
 141 523.7 54.8 82.2#

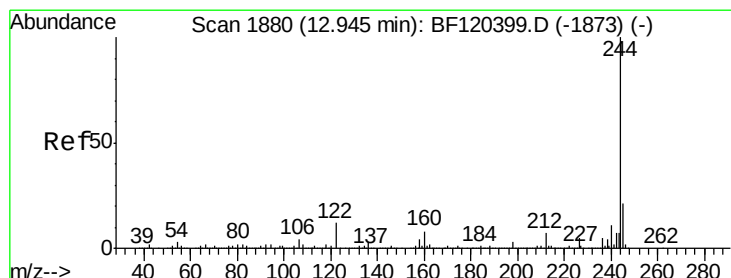
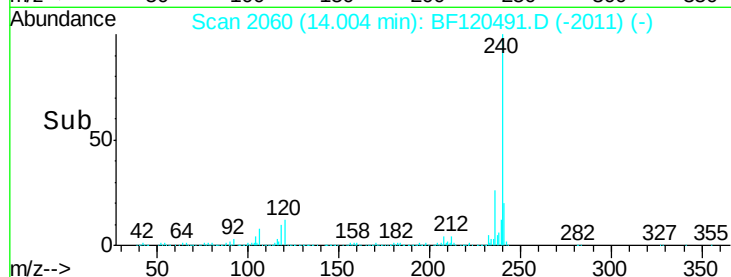
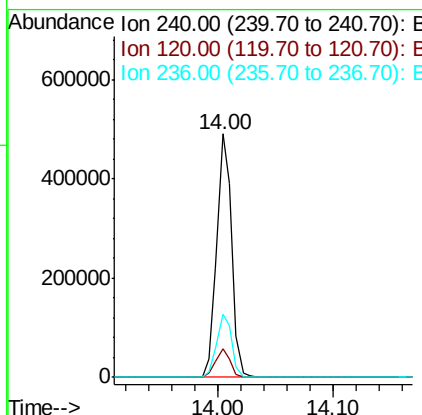
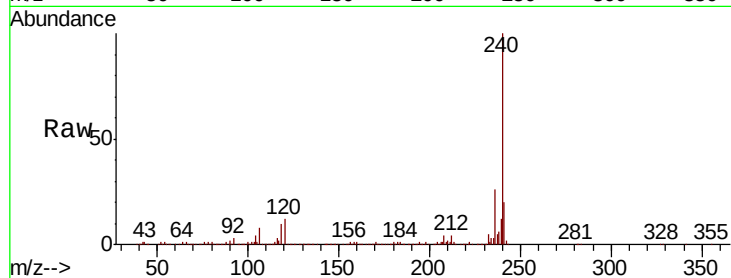




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2060
 Delta R.T. -0.01 min
 Lab File: BF120491.D
 Acq: 2 Jun 2020 13:34

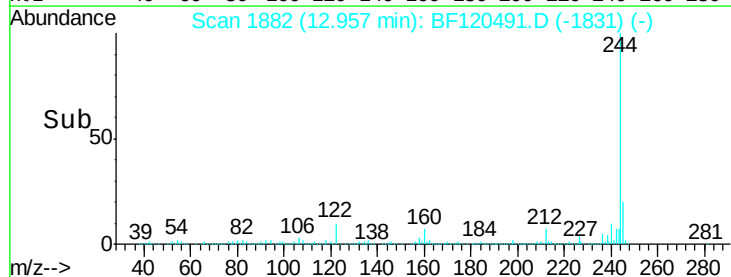
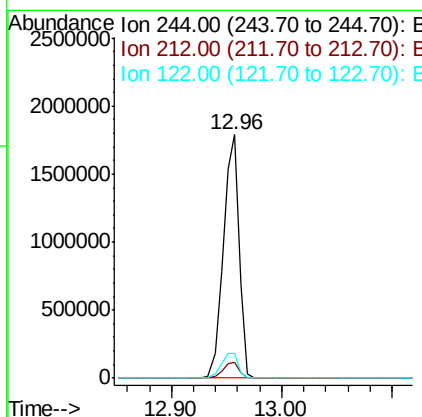
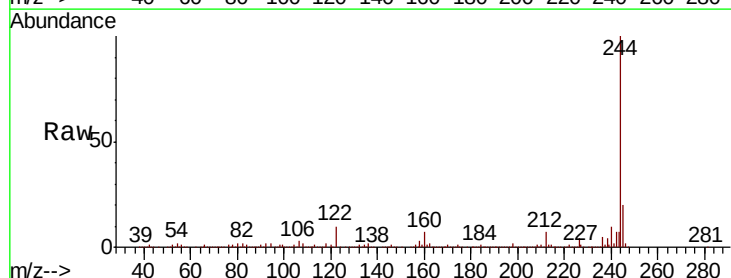
Instrument :
 BNA_F
 ClientSampleId :

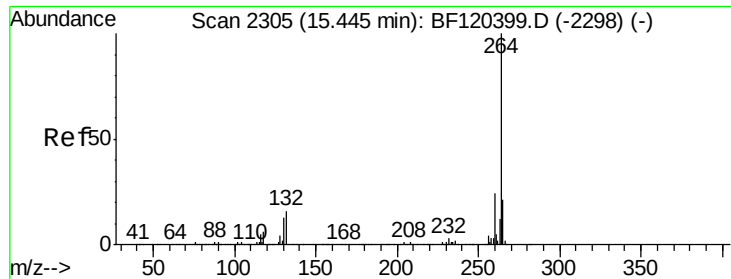
Tot Ion:240 Resp: 439494
 Ion Ratio Lower Upper
 240 100
 120 11.9 9.9 14.9
 236 26.0 21.0 31.6



#79
 Terphenyl-d14
 Concen: 90.287 ng
 RT: 12.96 min Scan# 1882
 Delta R.T. 0.00 min
 Lab File: BF120491.D
 Acq: 2 Jun 2020 13:34

Tgt Ion:244 Resp: 1783203
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 10.4 8.7 13.1

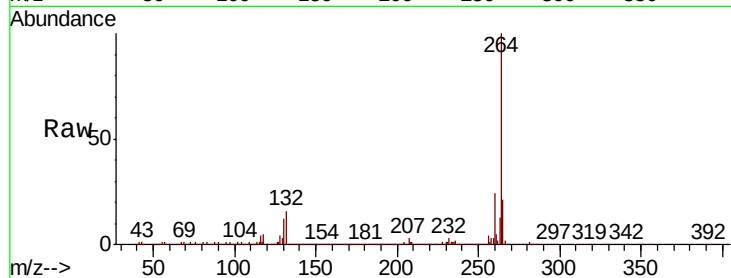




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2309
Delta R.T. -0.01 min
Lab File: BF120491.D
Acq: 2 Jun 2020 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	21.2	17.6	26.4



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

