

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072220\
 Data File : BF120972.D
 Acq On : 22 Jul 2020 19:09
 Operator : JU/CG
 Sample : L3352-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 00:55:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 16 14:20:32 2020
 Response via : Initial Calibration

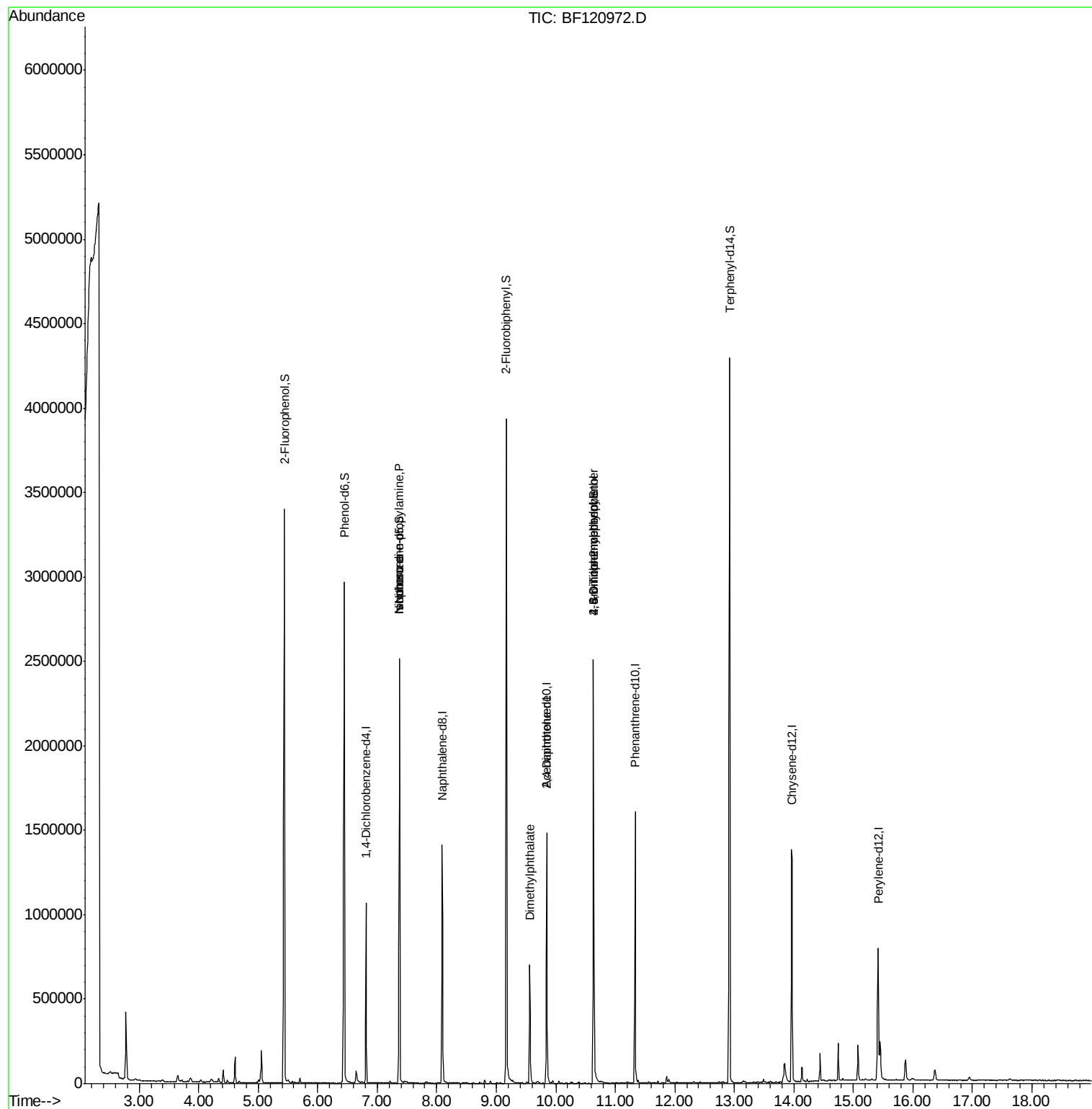
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	161097	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	616926	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	329402	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	640340	20.00	ng	0.00
76) Chrysene-d12	13.97	240	525769	20.00	ng	0.00
86) Perylene-d12	15.42	264	442036	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1078254	109.73	ng	0.02
7) Phenol-d6	6.45	99	1242760	97.90	ng	0.00
23) Nitrobenzene-d5	7.37	82	850815	79.80	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	421775	116.98	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1547202	70.13	ng	0.00
79) Terphenyl-d14	12.92	244	1676919	69.33	ng	0.00
Target Compounds						
9) Benzaldehyde	6.45	77	1791	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	111579	15.458 ng	#	1
25) Isophorone	7.37	82	850801	39.984 ng	#	78
50) Dimethylphthalate	9.56	163	298400	12.557 ng	#	63
57) 2,4-Dinitrotoluene	9.85	165	42593	6.353 ng	#	100
65) 4,6-Dinitro-2-methylphenol	10.63	198	729	4.023 ng	#	28
67) 4-Bromophenyl-phenylether	10.64	248	23795	3.333 ng	#	1

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

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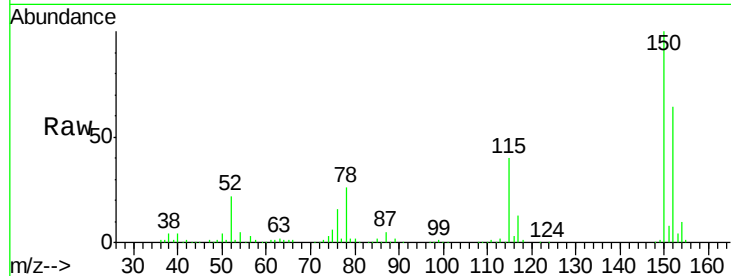


#1

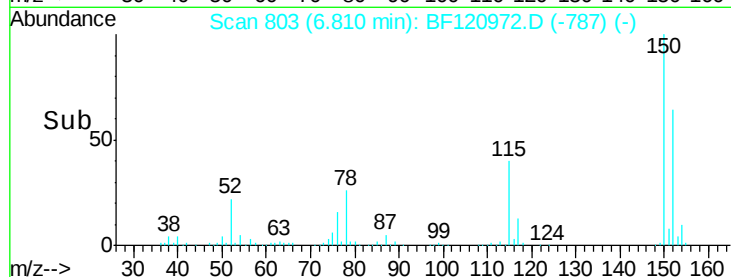
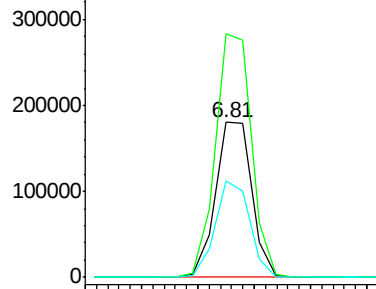
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF120972.D
Acq: 22 Jul 2020 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 161097
Ion Ratio Lower Upper
152 100
150 156.8 125.0 187.6
115 62.0 47.0 70.4



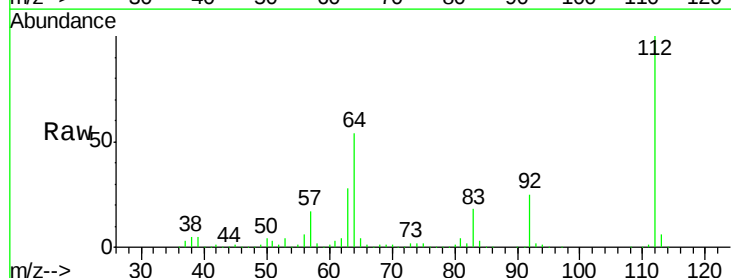
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



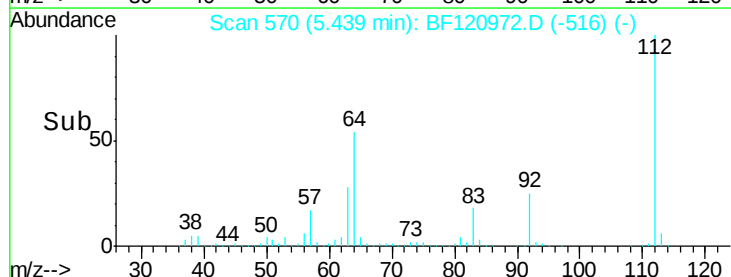
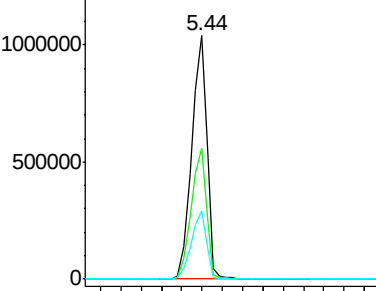
#5

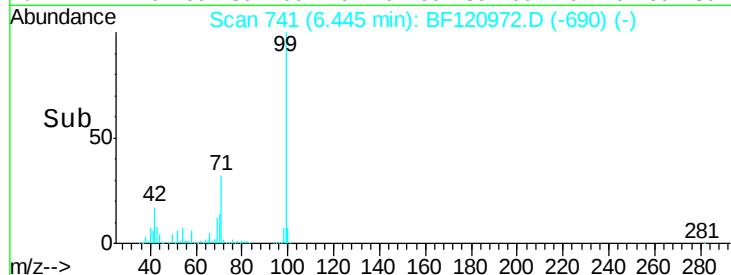
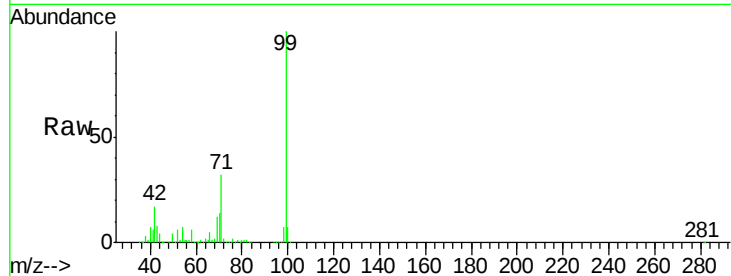
2-Fluorophenol
Concen: 109.725 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.02 min
Lab File: BF120972.D
Acq: 22 Jul 2020 19:09

Tgt Ion:112 Resp: 1078254
Ion Ratio Lower Upper
112 100
64 53.8 41.3 61.9
63 28.0 21.1 31.7



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: 97.903 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF120972.D

Acq: 22 Jul 2020 19:09

Instrument :

BNA_F

ClientSampled :

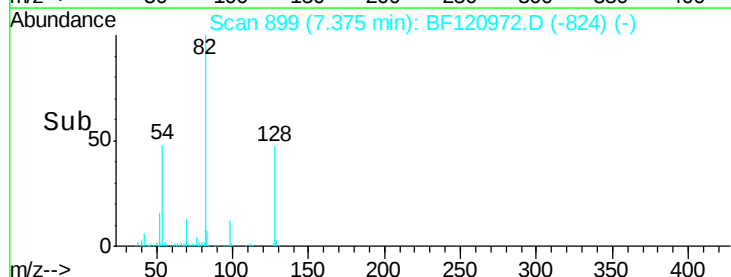
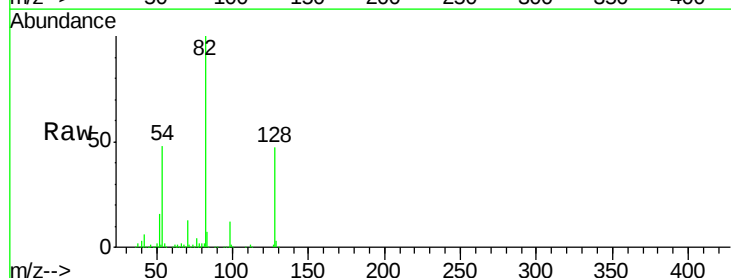
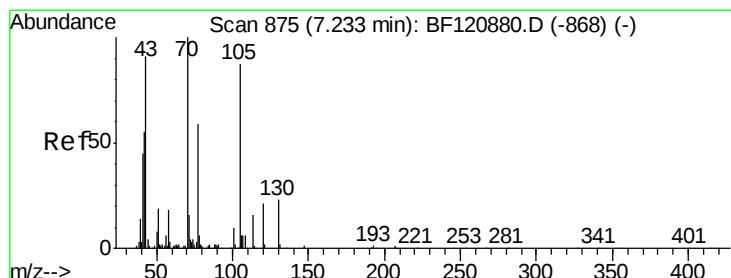
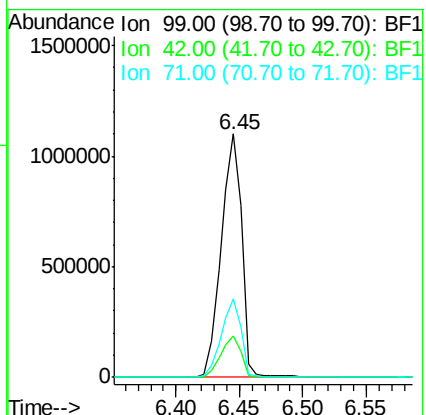
Tot Ion: 99 Resp: 1242760

Ion Ratio Lower Upper

99 100

42 17.1 13.1 19.7

71 32.0 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.458 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF120972.D

Acq: 22 Jul 2020 19:09

Tgt Ion: 70 Resp: 111579

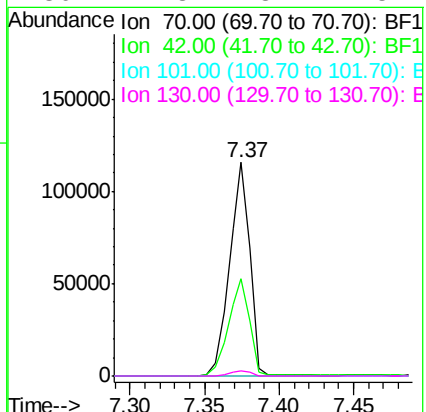
Ion Ratio Lower Upper

70 100

42 45.7 44.0 66.0

101 0.0 7.8 11.6#

130 2.3 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF120972.D

Acq: 22 Jul 2020 19:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 616926

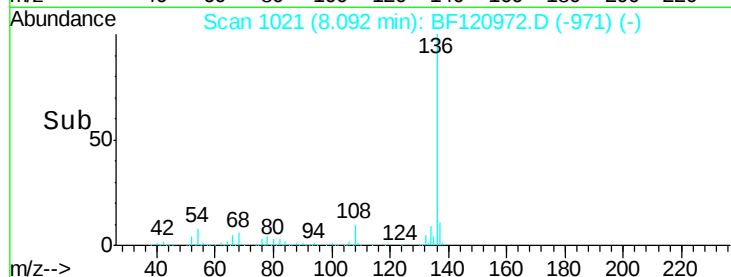
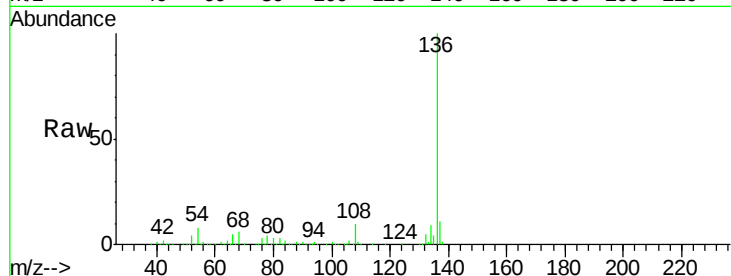
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 7.7 6.3 9.5

68 5.8 5.0 7.4

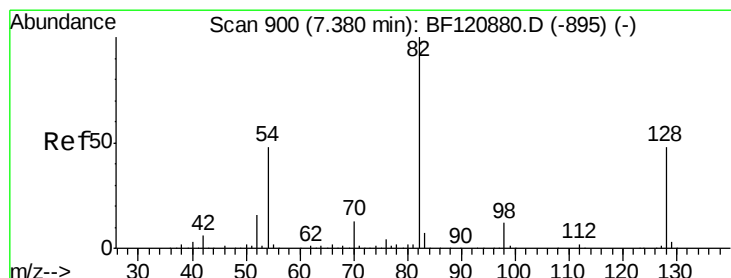
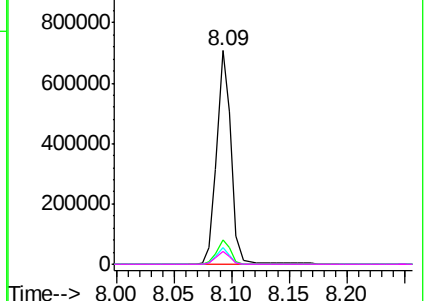


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.800 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF120972.D

Acq: 22 Jul 2020 19:09

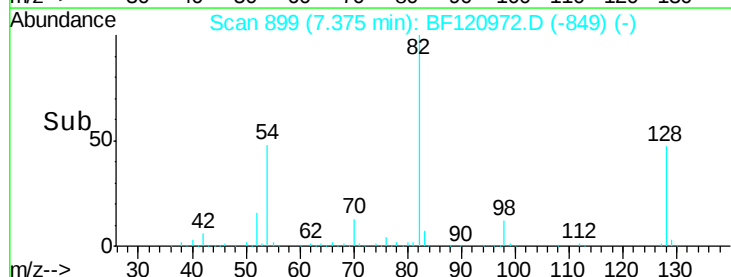
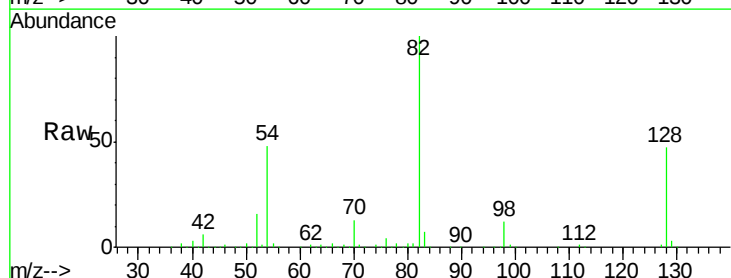
Tgt Ion: 82 Resp: 850815

Ion Ratio Lower Upper

82 100

128 46.6 38.2 57.4

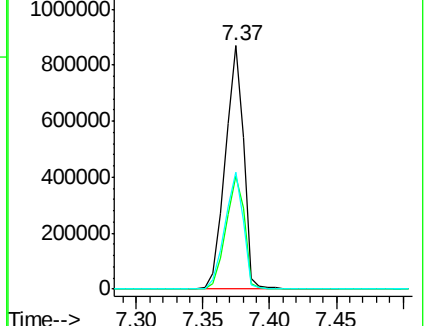
54 48.2 38.7 58.1



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: 39.984 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF120972.D

Acq: 22 Jul 2020 19:09

Instrument :

BNA_F

ClientSampleID :

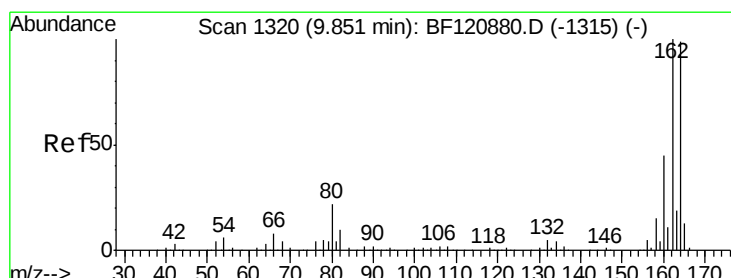
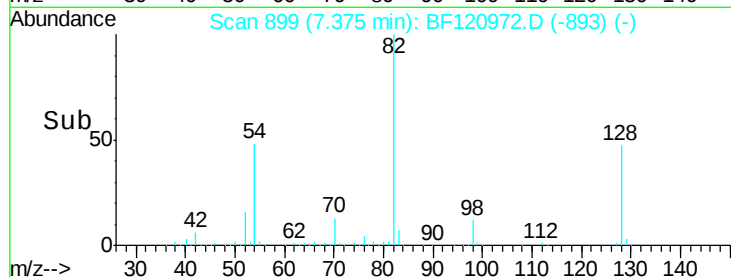
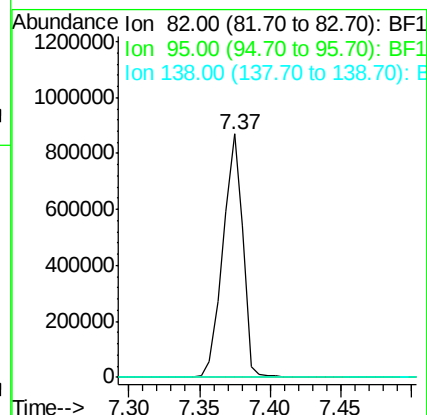
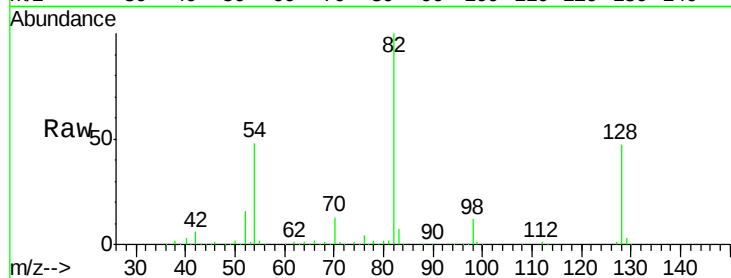
Tot Ion: 82 Resp: 850801

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 15.6 23.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF120972.D

Acq: 22 Jul 2020 19:09

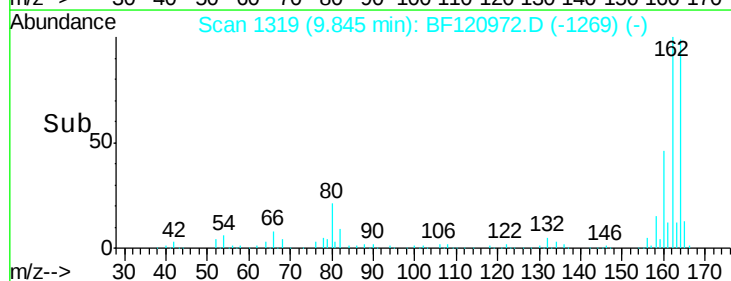
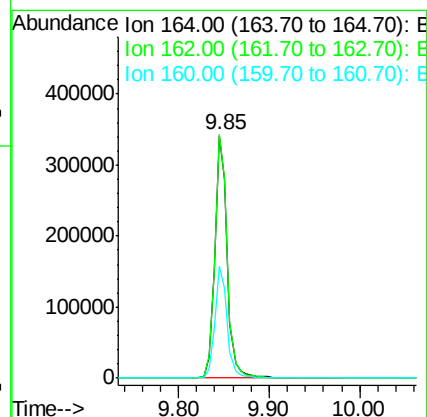
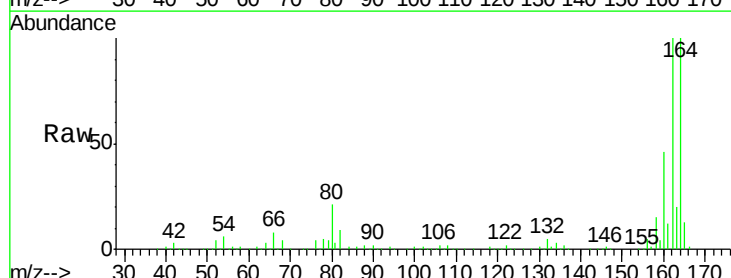
Tgt Ion: 164 Resp: 329402

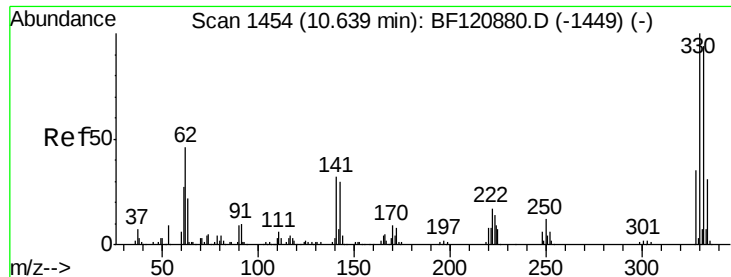
Ion Ratio Lower Upper

164 100

162 100.3 81.2 121.8

160 46.0 36.9 55.3

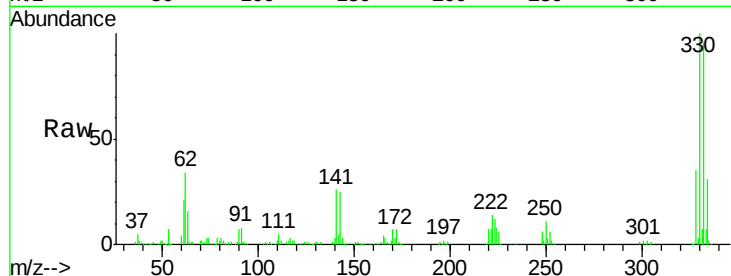




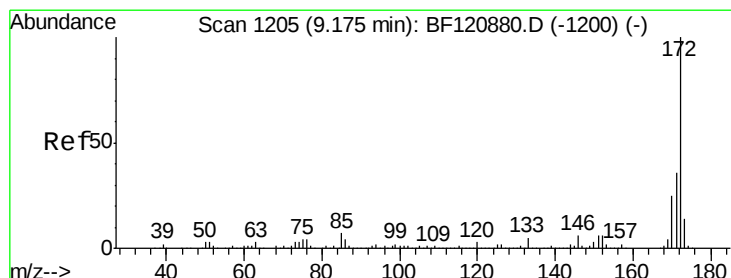
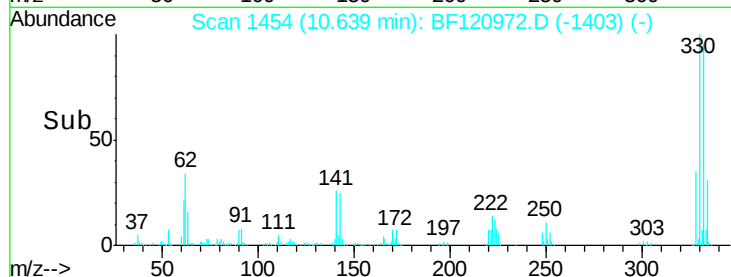
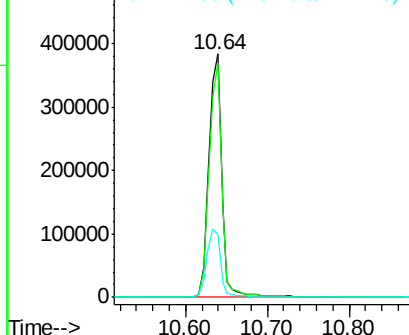
#42
 2,4,6-Tribromophenol
 Concen: 116.977 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF120972.D
 Acq: 22 Jul 2020 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 421775
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.5 113.3
 141 30.7 25.7 38.5

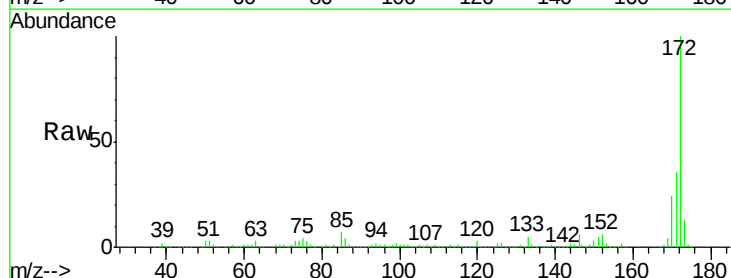


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

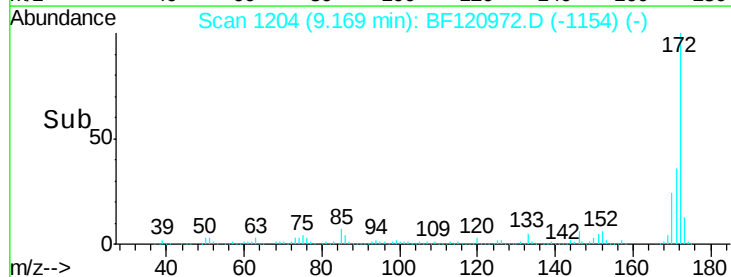
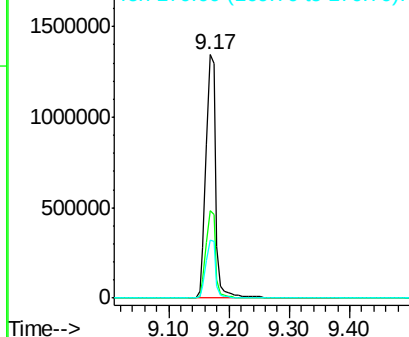


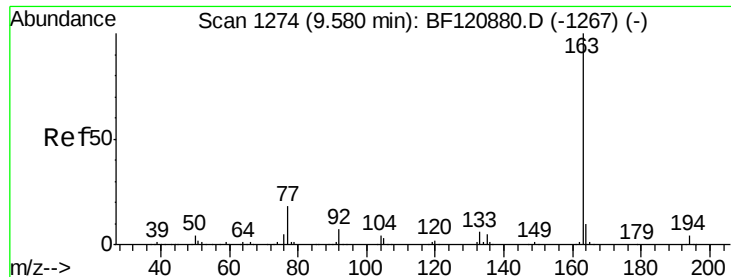
#45
 2-Fluorobiphenyl
 Concen: 70.128 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF120972.D
 Acq: 22 Jul 2020 19:09

Tgt Ion:172 Resp: 1547202
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 23.9 19.6 29.4



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

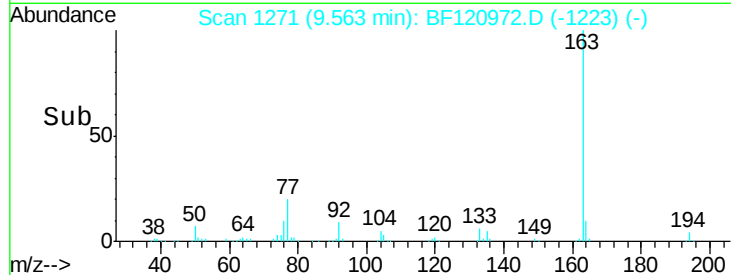
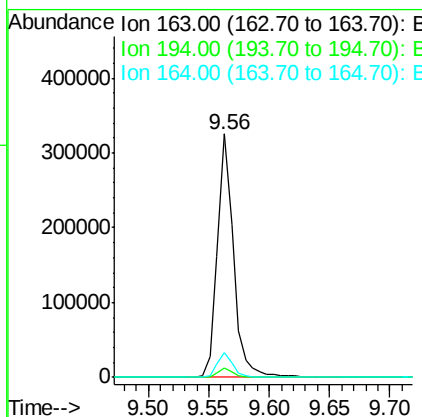
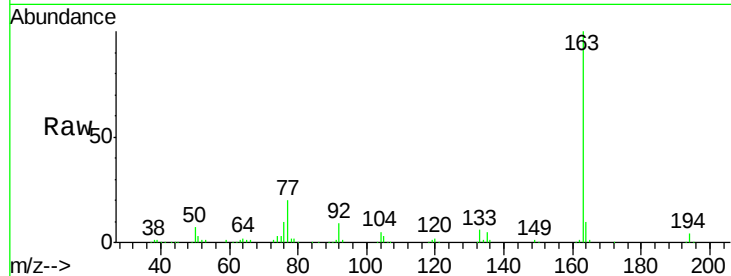




#50
Dimethylphthalate
Concen: 12.557 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.02 min
Lab File: BF120972.D
Acq: 22 Jul 2020 19:09

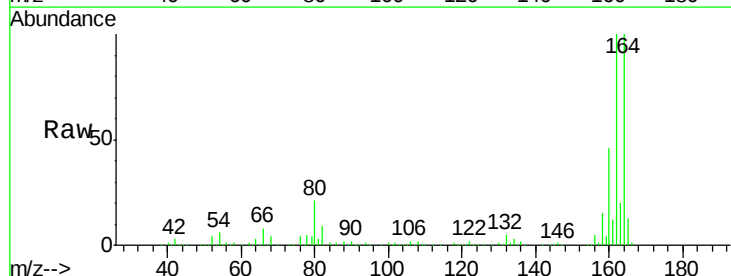
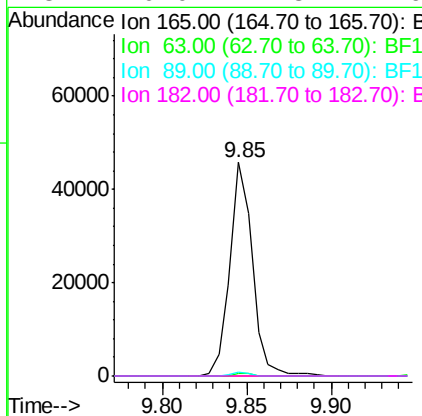
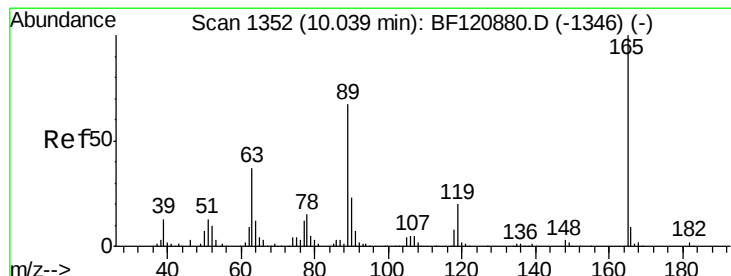
Instrument :
BNA_F
ClientSampleId :

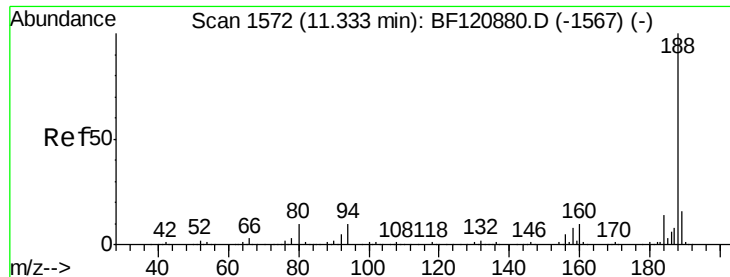
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	10.0	7.9	11.9



#57
2,4-Dinitrotoluene
Concen: 6.353 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.19 min
Lab File: BF120972.D
Acq: 22 Jul 2020 19:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.4	44.2#
89	1.6	53.4	80.0#
182	0.0	1.8	2.6#

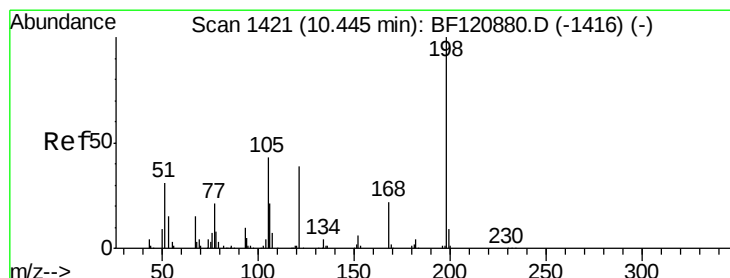
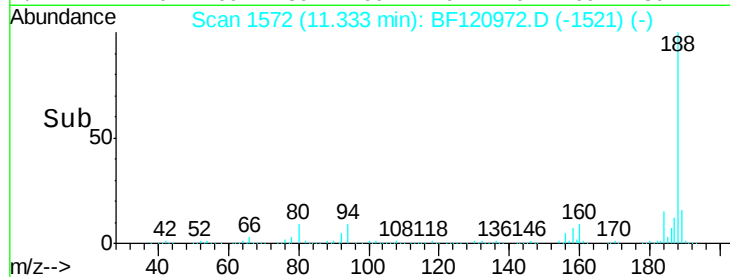
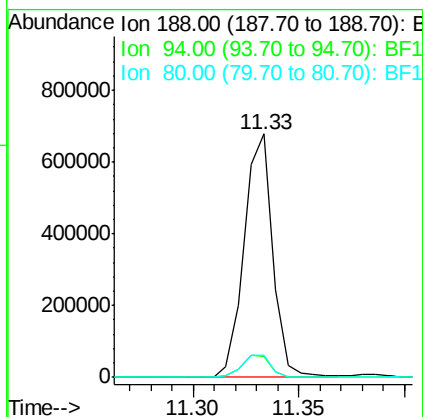
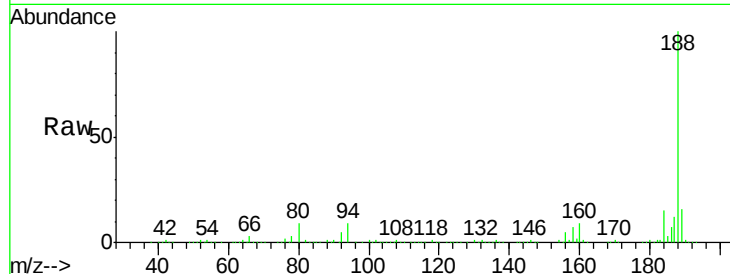




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. 0.00 min
 Lab File: BF120972.D
 Acq: 22 Jul 2020 19:09

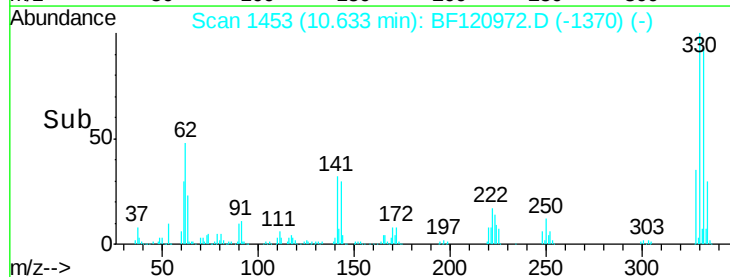
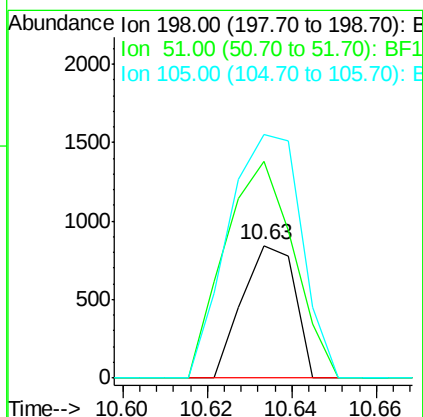
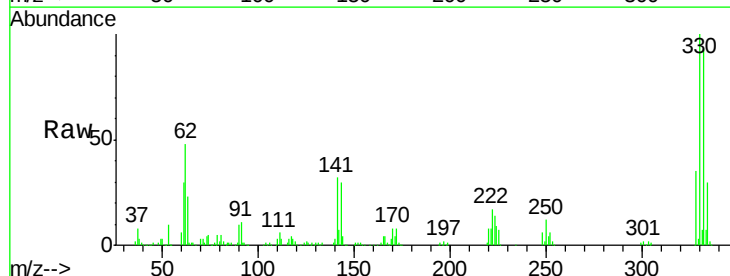
Instrument :
 BNA_F
 ClientSampleId :

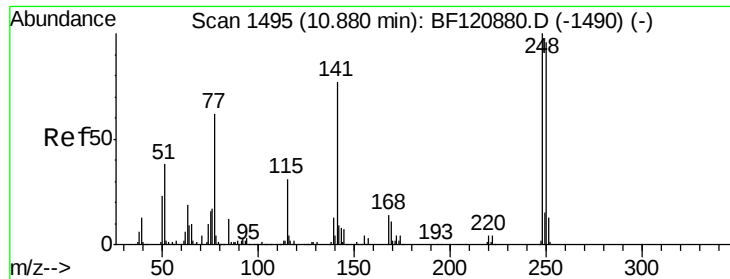
Tot Ion:188 Resp: 640340
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.0 12.0
 80 9.3 8.3 12.5



#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.023 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.19 min
 Lab File: BF120972.D
 Acq: 22 Jul 2020 19:09

Tgt Ion:198 Resp: 729
 Ion Ratio Lower Upper
 198 100
 51 163.3 19.5 59.5#
 105 184.0 24.4 64.4#

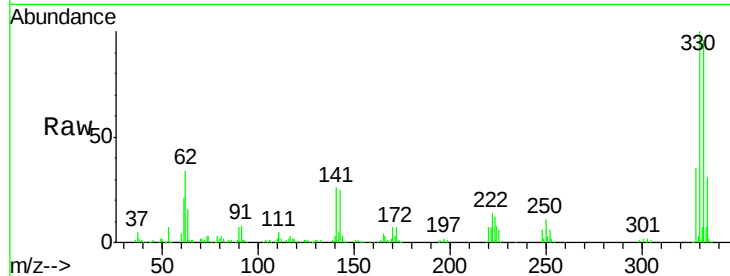




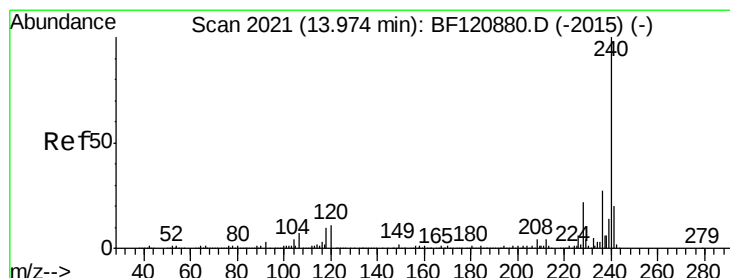
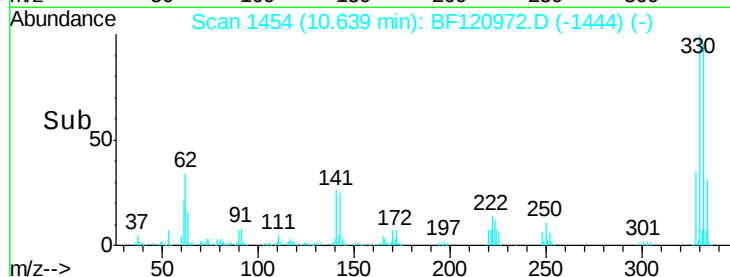
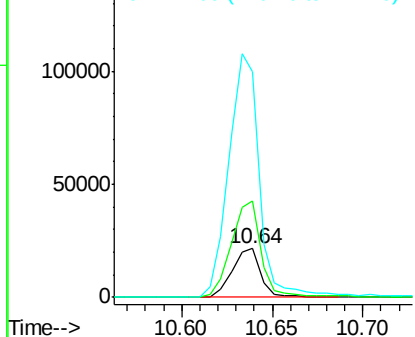
#67
4-Bromophenyl-phenylether
Concen: 3.333 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF120972.D
Acq: 22 Jul 2020 19:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 23795
Ion Ratio Lower Upper
248 100
250 198.3 77.1 115.7#
141 466.5 61.2 91.8#

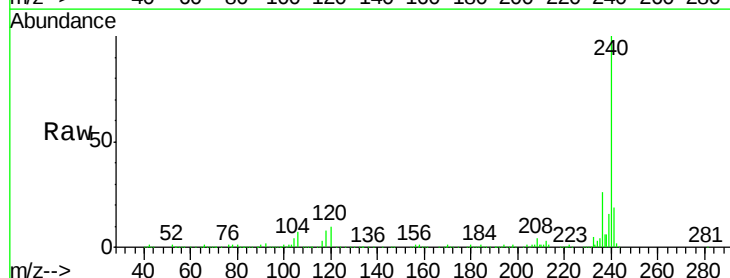


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

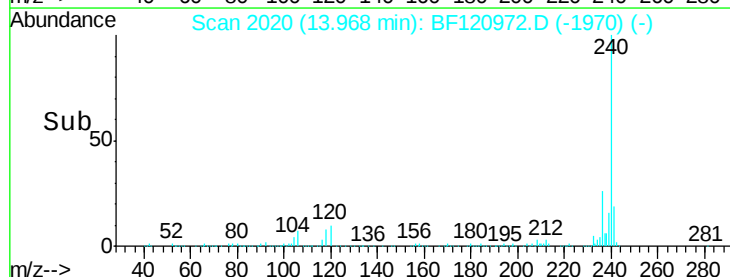
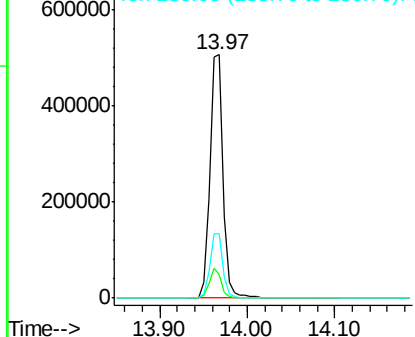


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF120972.D
Acq: 22 Jul 2020 19:09

Tgt Ion:240 Resp: 525769
Ion Ratio Lower Upper
240 100
120 9.7 9.0 13.4
236 26.5 21.7 32.5



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



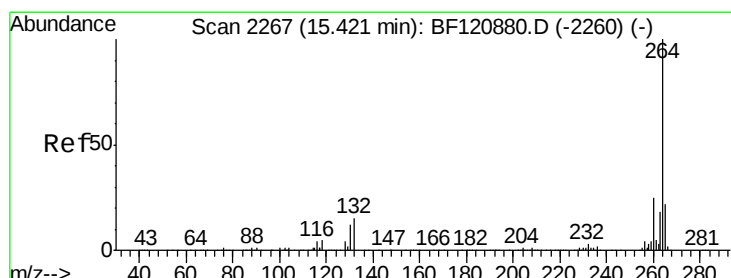
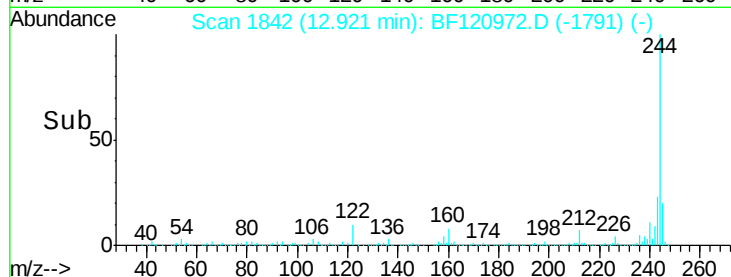
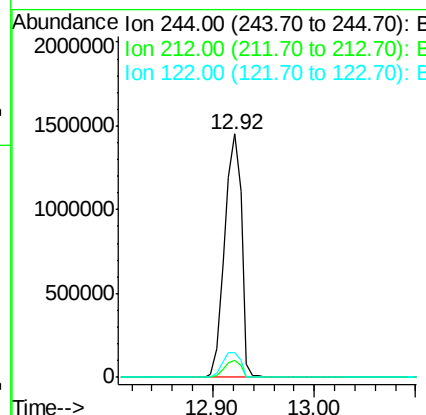
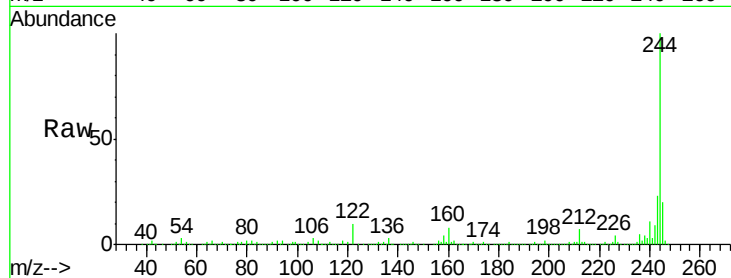


#79
 Terphenyl-d14
 Concen: 69.332 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF120972.D
 Acq: 22 Jul 2020 19:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1676919

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	10.4	8.9	13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF120972.D
 Acq: 22 Jul 2020 19:09

Tgt Ion:264 Resp: 442036

Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.0	30.0
265	21.2	17.4	26.2

