

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081120\
 Data File : BF121251.D
 Acq On : 11 Aug 2020 20:55
 Operator : JU/CG
 Sample : L3626-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1717

Quant Time: Aug 12 10:52:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

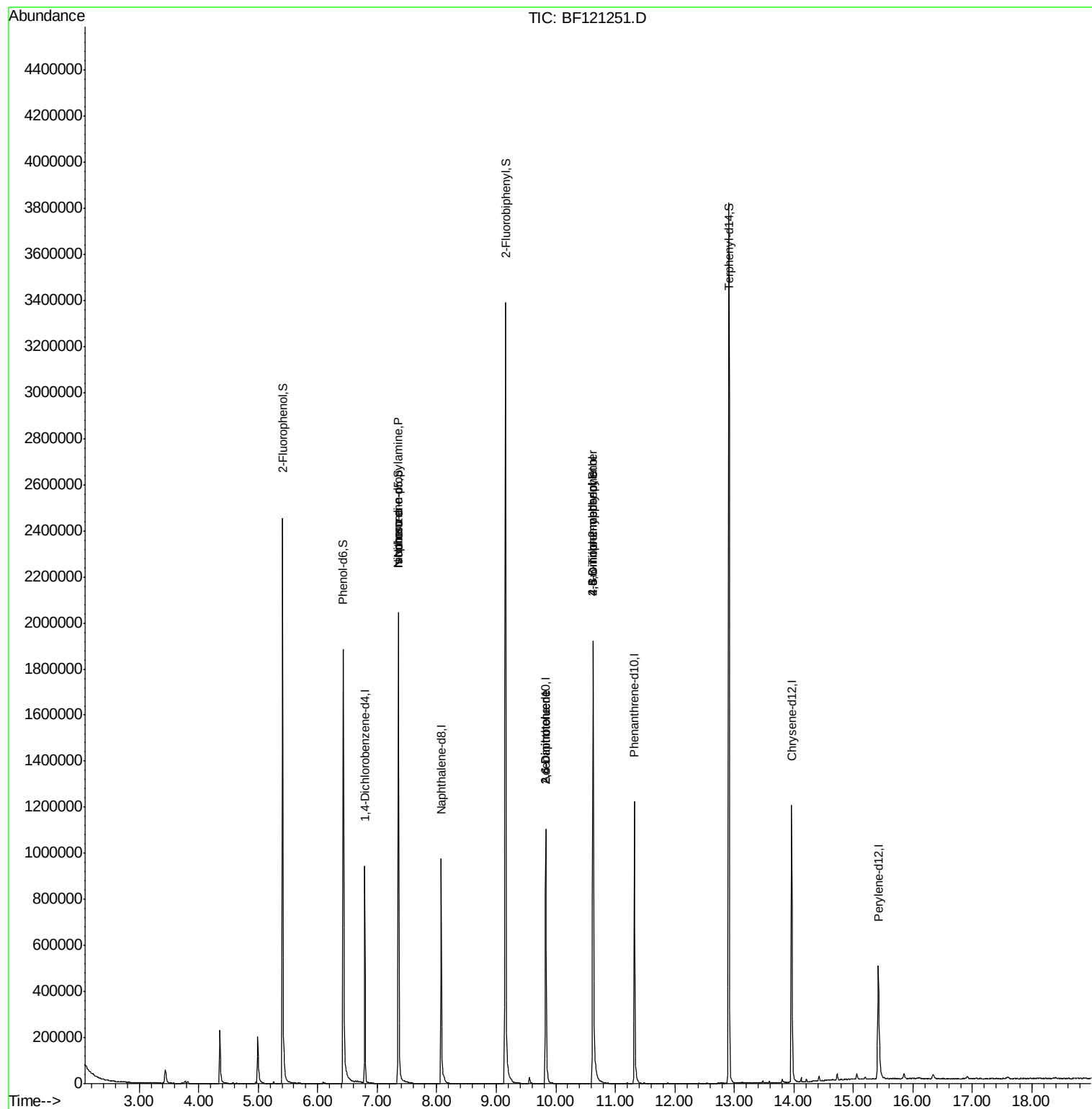
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	136866	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	535046	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	259358	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	570416	20.00	ng	0.00
76) Chrysene-d12	13.96	240	508066	20.00	ng	0.00
86) Perylene-d12	15.42	264	274896	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	838678	100.46	ng	0.00
7) Phenol-d6	6.43	99	882114	81.79	ng	-0.02
23) Nitrobenzene-d5	7.36	82	764355	82.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.63	330	353993	124.69	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1387247	79.86	ng	0.00
79) Terphenyl-d14	12.91	244	1510022	64.61	ng	0.00
Target Compounds						
9) Benzaldehyde	6.43	77	1073	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.36	70	97217	15.853	ng	# 79
25) Isophorone	7.36	82	750937	40.691	ng	# 62
51) 2,6-Dinitrotoluene	9.83	165	32283	8.031	ng	# 28
57) 2,4-Dinitrotoluene	9.83	165	32283	6.115	ng	# 30
65) 4,6-Dinitro-2-methylphenol	10.63	198	431	3.963	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	21298	3.349	ng	# 1

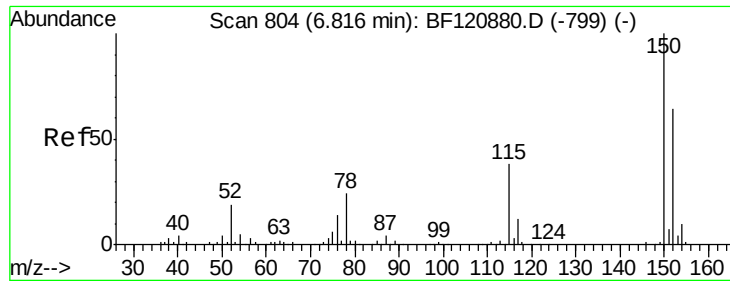
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

Instrument :

BNA_F

ClientSampleId :

1717

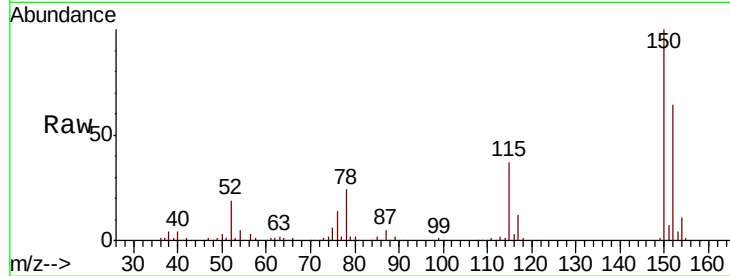
Tot Ion:152 Resp: 136866

Ion Ratio Lower Upper

152 100

150 155.1 125.6 188.4

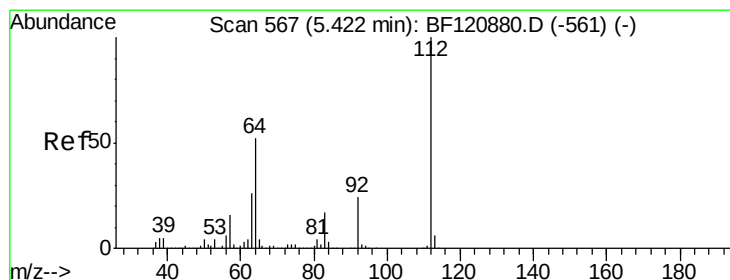
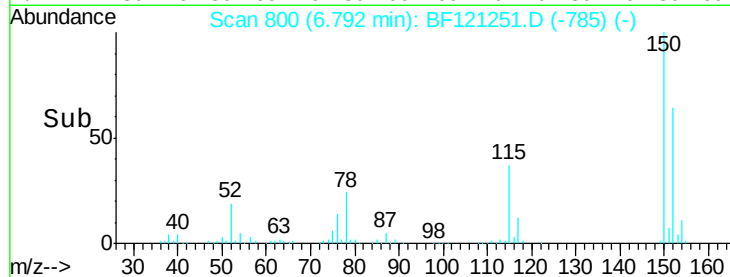
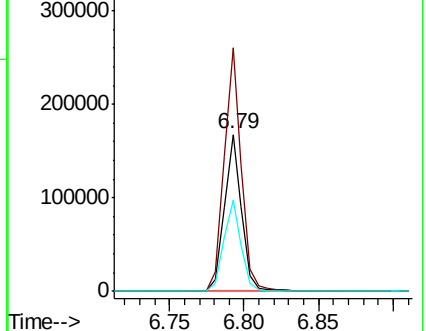
115 57.9 46.2 69.2



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: 100.455 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

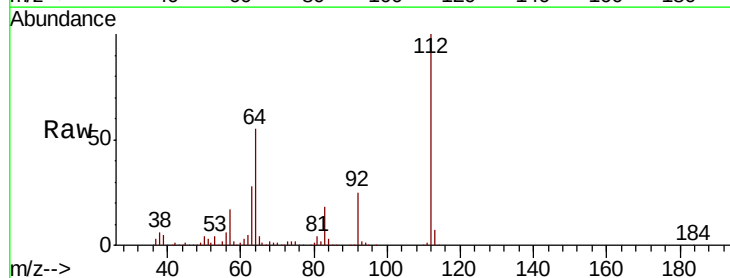
Tgt Ion:112 Resp: 838678

Ion Ratio Lower Upper

112 100

64 55.3 43.9 65.9

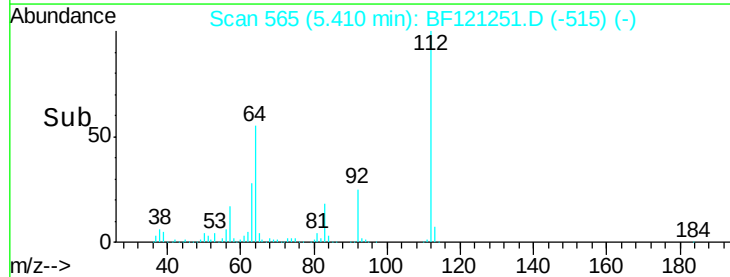
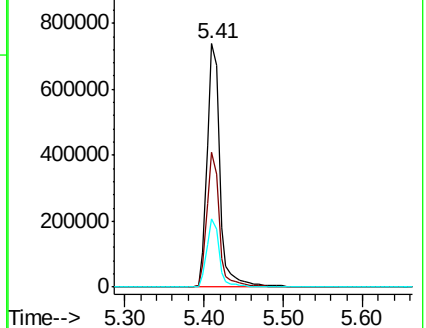
63 28.2 22.7 34.1

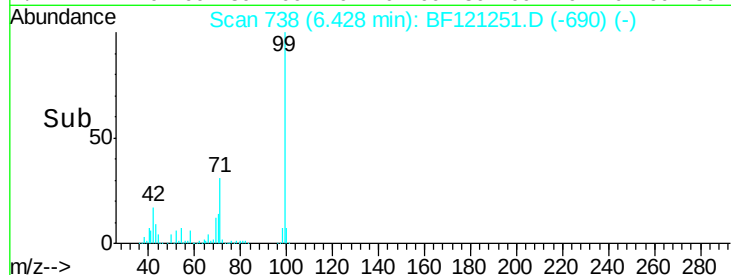
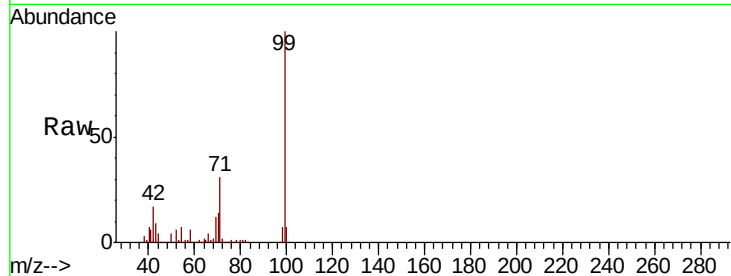
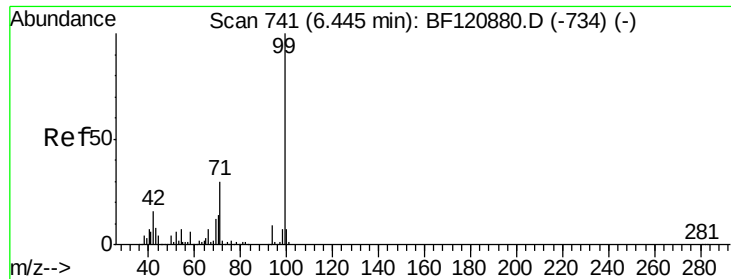


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 81.795 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

Instrument :

BNA_F

ClientSampleId :

1717

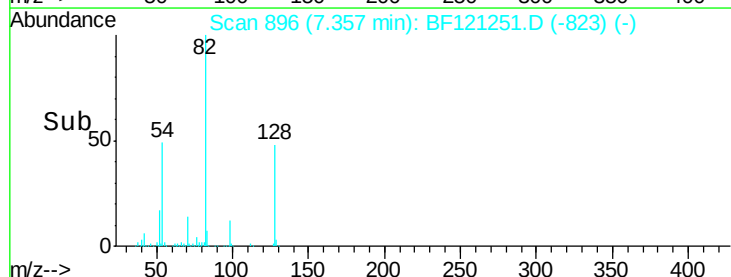
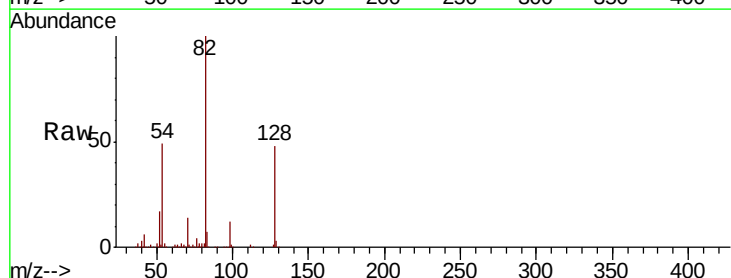
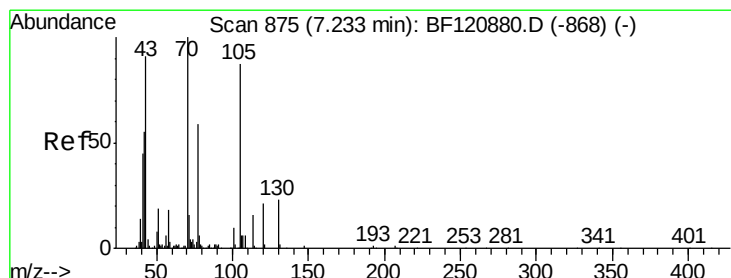
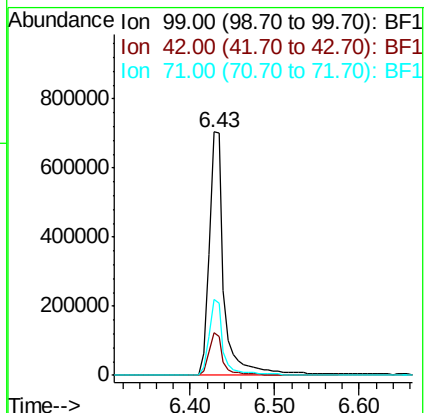
Tot Ion: 99 Resp: 882114

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 31.2 25.0 37.4



#19

n-Nitroso-di-n-propylamine

Concen: 15.853 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.13 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

Tgt Ion: 70 Resp: 97217

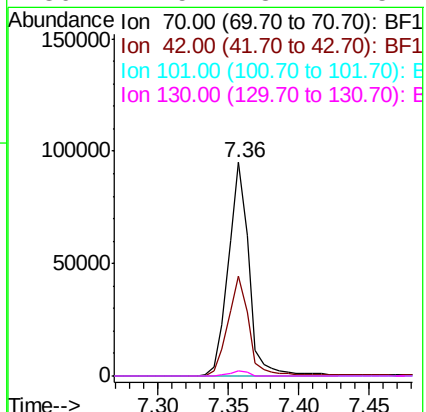
Ion Ratio Lower Upper

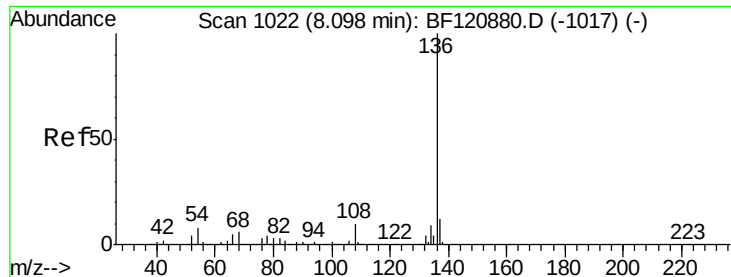
70 100

42 46.5 43.3 64.9

101 0.0 8.4 12.6#

130 2.5 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

Instrument :

BNA_F

ClientSampleId :

1717

Tot Ion:136 Resp: 535046

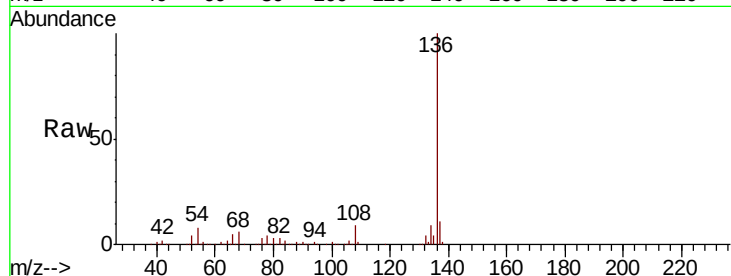
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.4

54 7.6 6.1 9.1

68 5.9 5.0 7.6

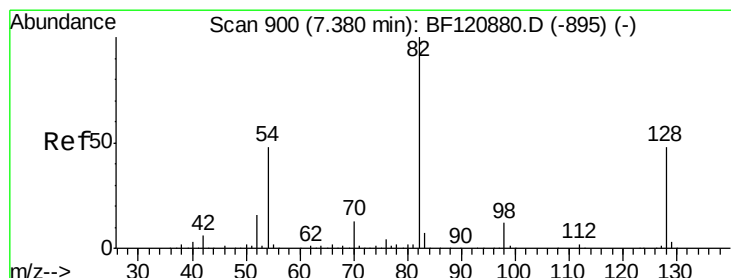
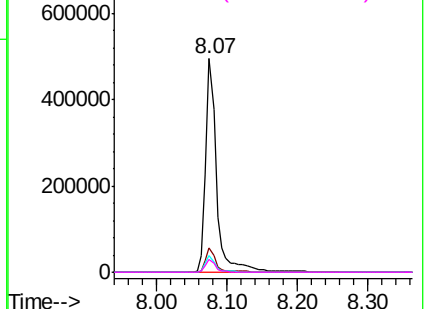
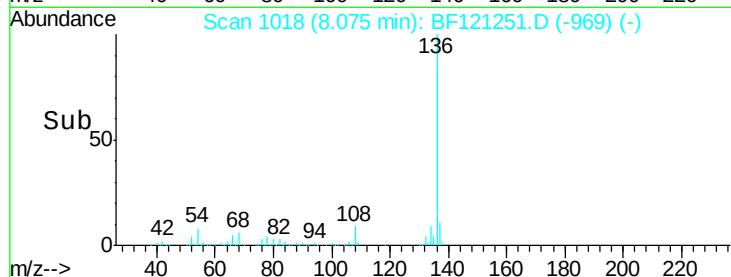


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 82.662 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.02 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

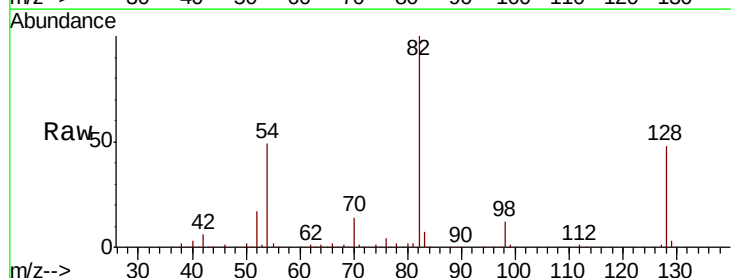
Tgt Ion: 82 Resp: 764355

Ion Ratio Lower Upper

82 100

128 47.6 39.2 58.8

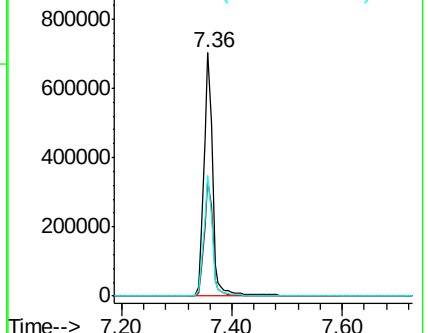
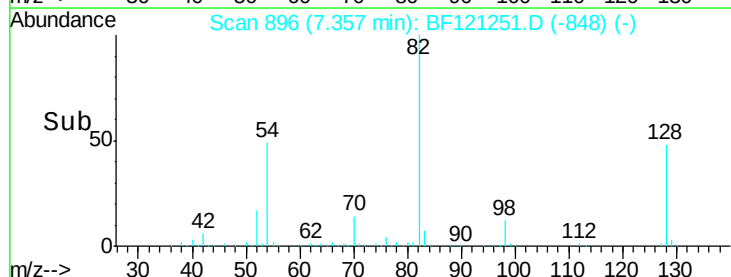
54 49.4 37.8 56.8

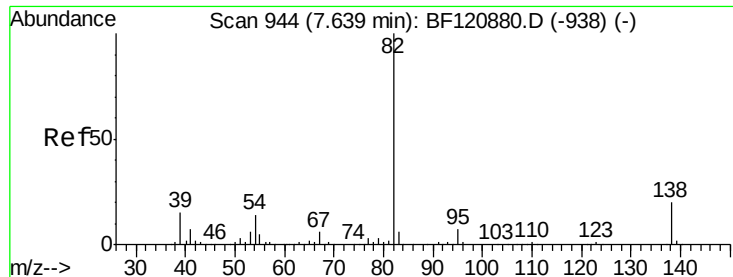


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

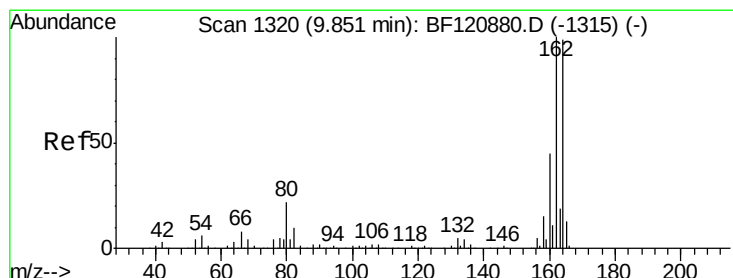
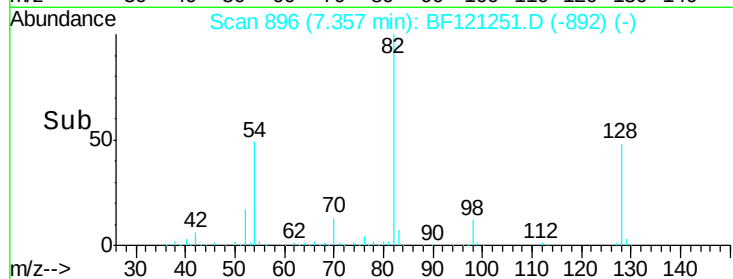
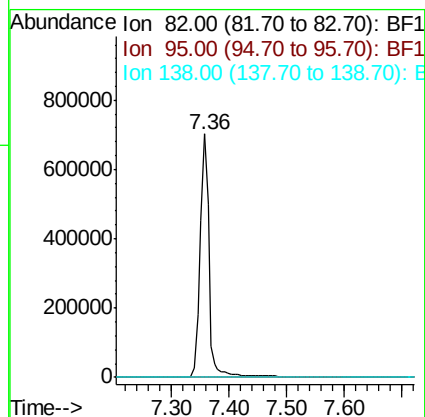
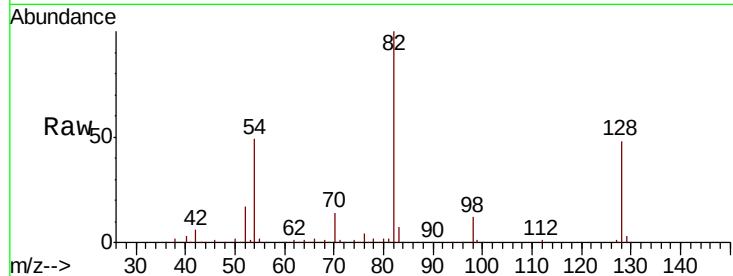




#25
Isophorone
Concen: 40.691 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.28 min
Lab File: BF121251.D
Acq: 11 Aug 2020 20:55

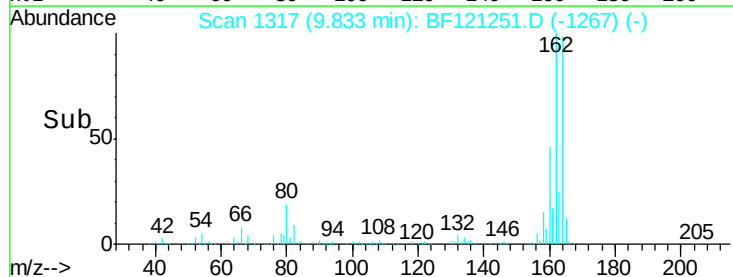
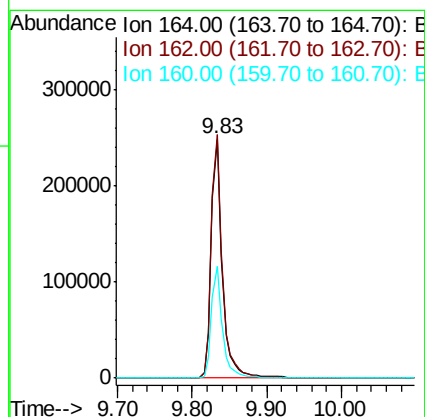
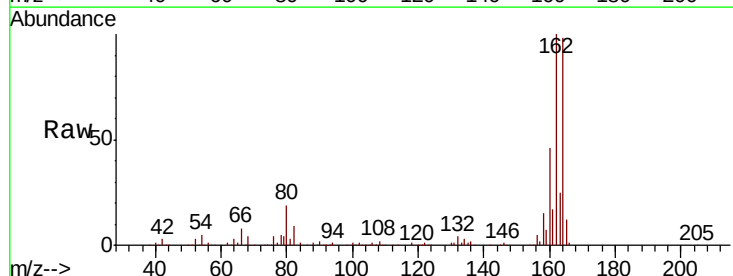
Instrument :
BNA_F
ClientSampleId :
1717

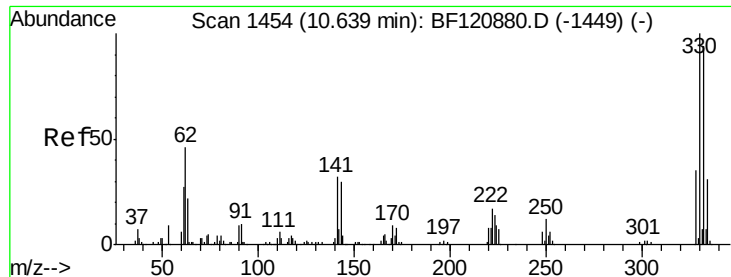
Tot Ion: 82 Resp: 750937
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 16.2 24.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF121251.D
Acq: 11 Aug 2020 20:55

Tgt Ion: 164 Resp: 259358
Ion Ratio Lower Upper
164 100
162 101.9 82.2 123.2
160 46.6 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 124.692 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

Instrument :

BNA_F

ClientSampleId :

1717

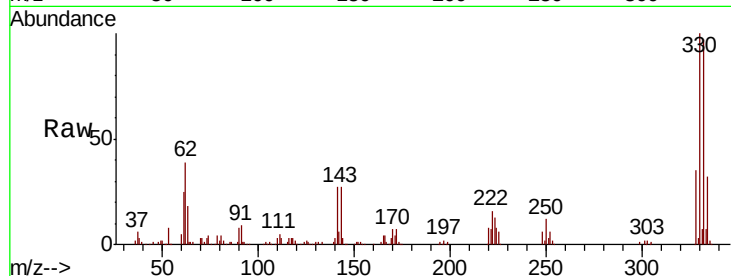
Tot Ion:330 Resp: 353993

Ion Ratio Lower Upper

330 100

332 97.2 76.1 114.1

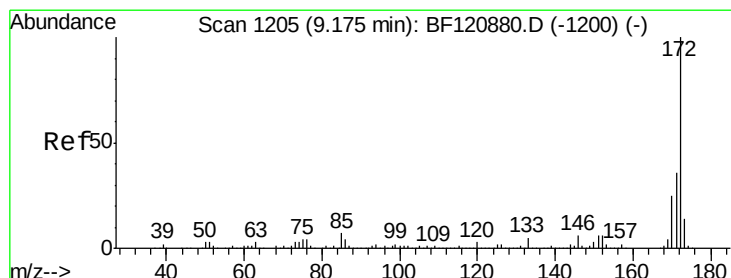
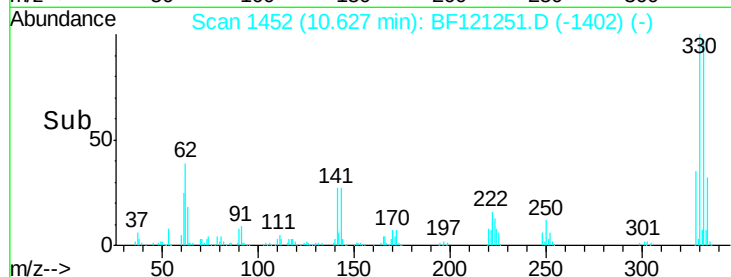
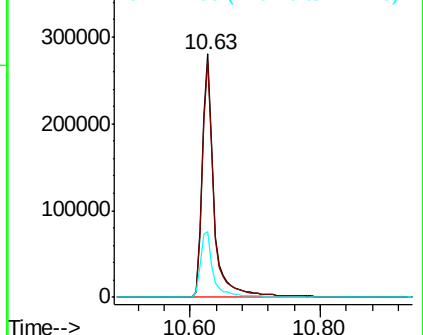
141 30.4 24.1 36.1



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: 79.859 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

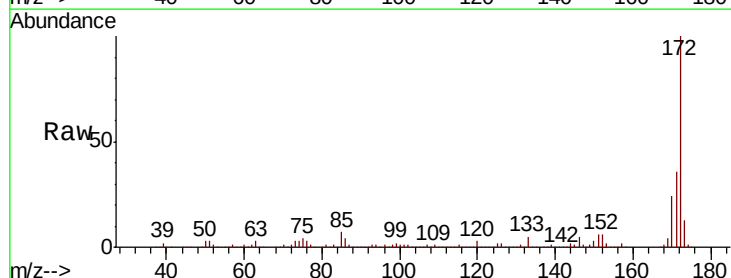
Tgt Ion:172 Resp: 1387247

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

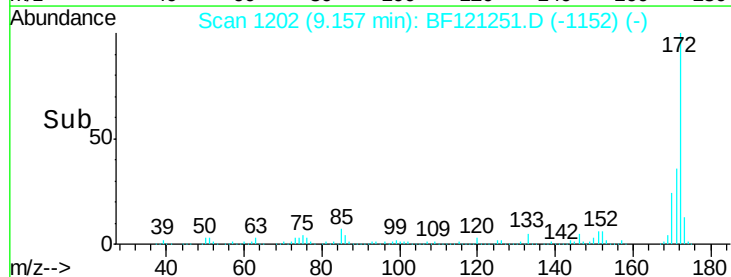
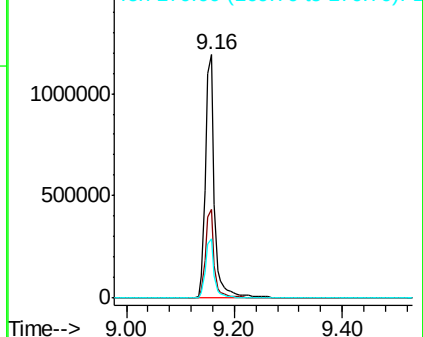
170 24.2 19.6 29.4

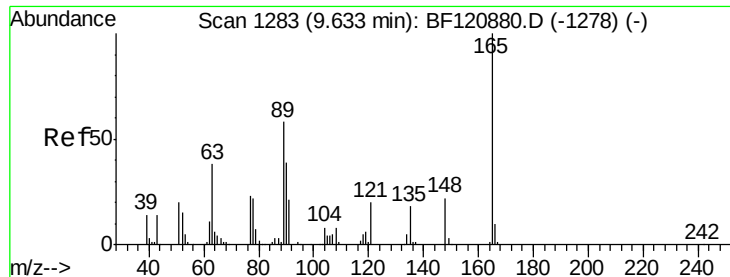


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

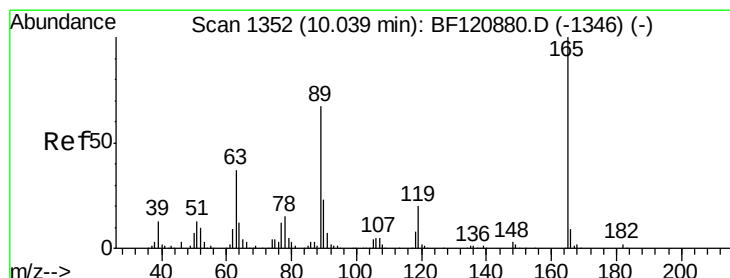
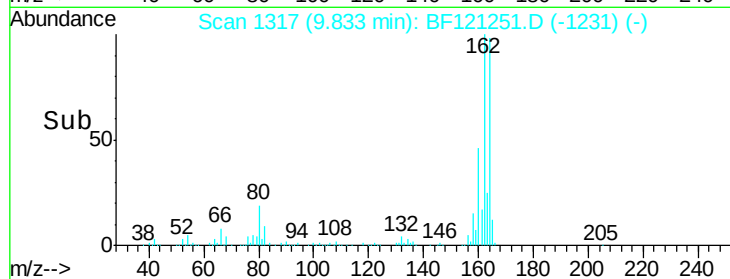
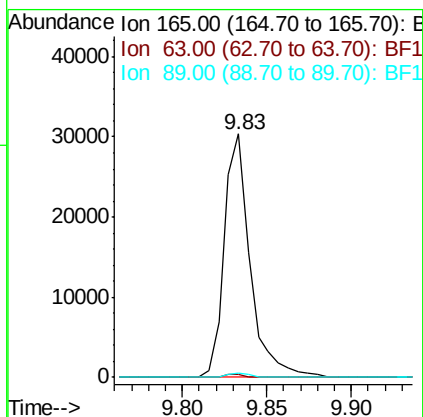
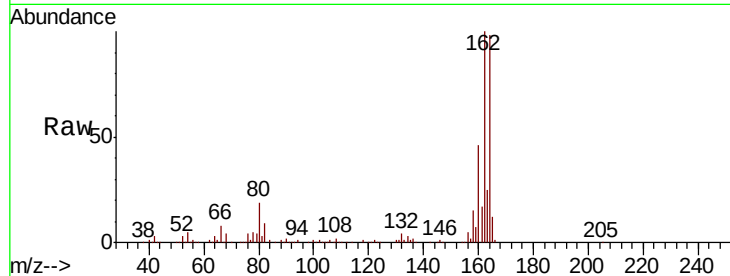




#51
 2,6-Dinitrotoluene
 Concen: 8.031 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.21 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

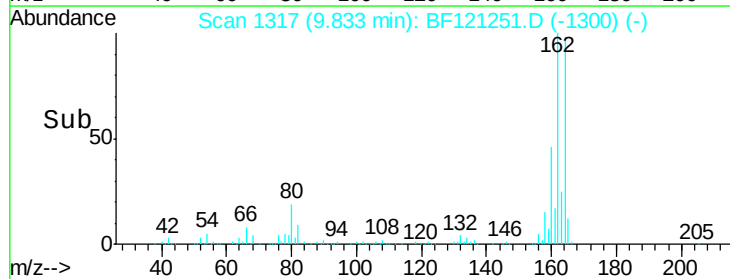
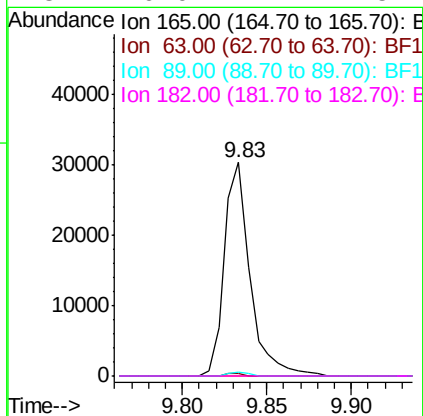
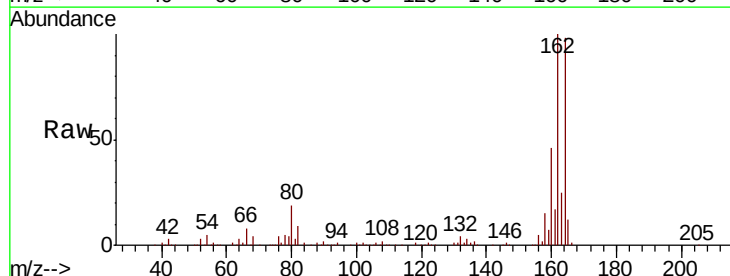
Instrument :
 BNA_F
 ClientSampleId :
 1717

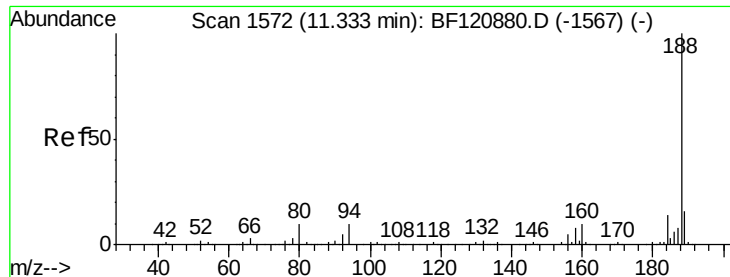
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.1	61.7#
89	1.9	43.5	65.3#



#57
 2,4-Dinitrotoluene
 Concen: 6.115 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.20 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	29.8	44.8#
89	1.9	50.3	75.5#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

Instrument :

BNA_F

ClientSampleId :

1717

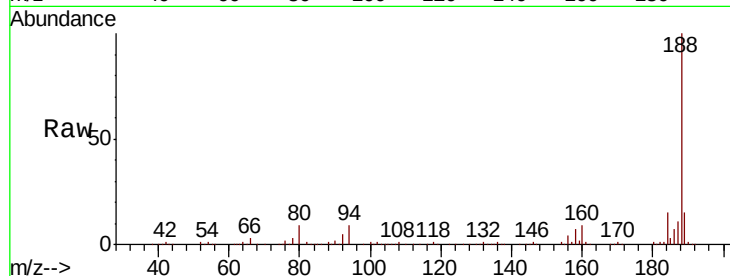
Tot Ion:188 Resp: 570416

Ion Ratio Lower Upper

188 100

94 9.1 8.0 12.0

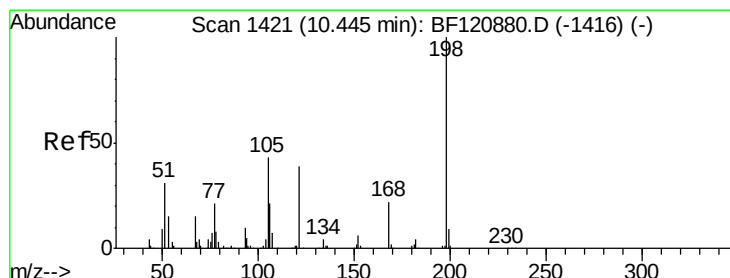
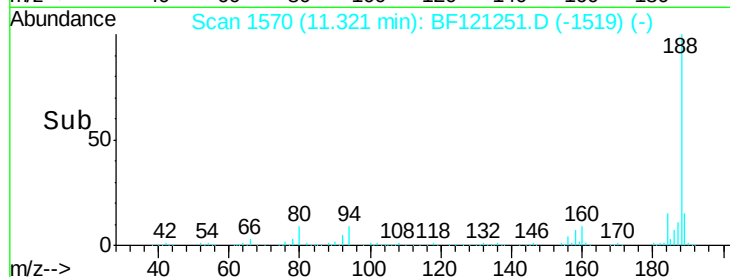
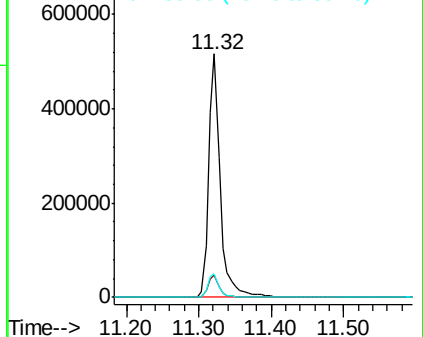
80 9.4 8.3 12.5



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



#65

4,6-Dinitro-2-methylphenol

Concen: 3.963 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.19 min

Lab File: BF121251.D

Acq: 11 Aug 2020 20:55

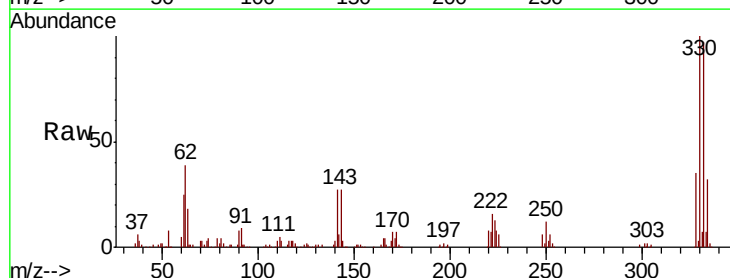
Tgt Ion:198 Resp: 431

Ion Ratio Lower Upper

198 100

51 156.0 23.4 63.4#

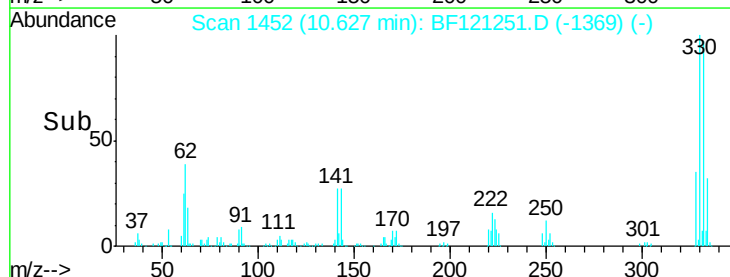
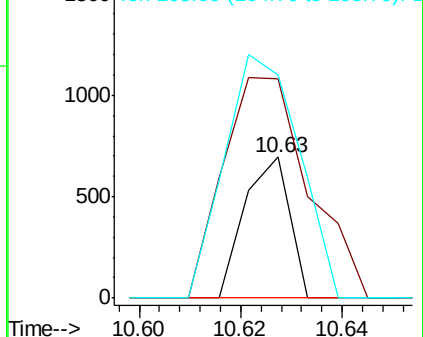
105 159.0 23.7 63.7#

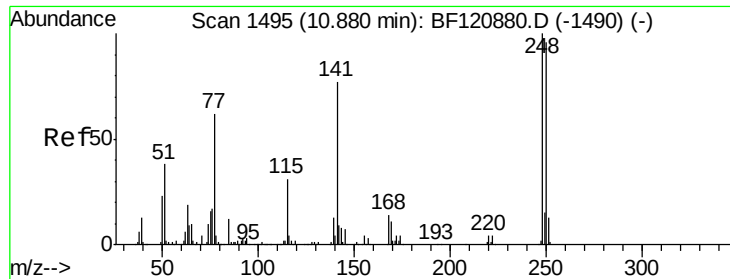


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

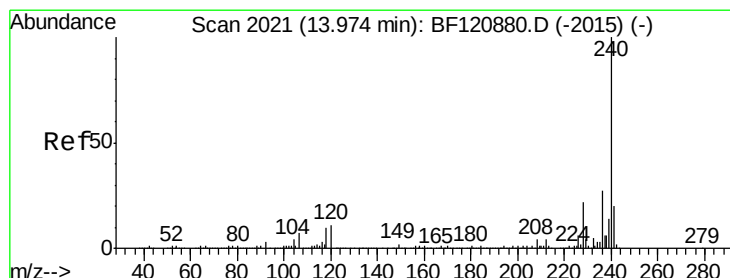
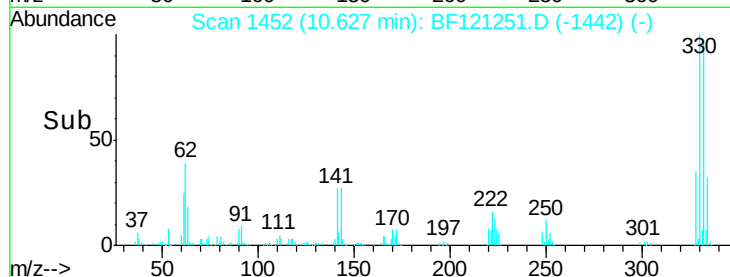
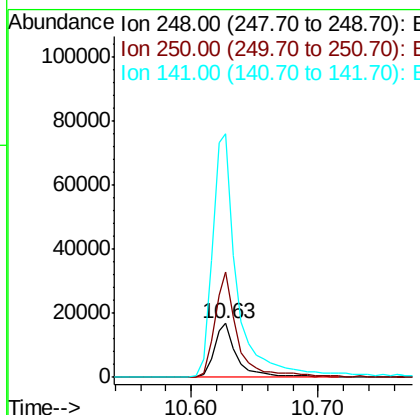
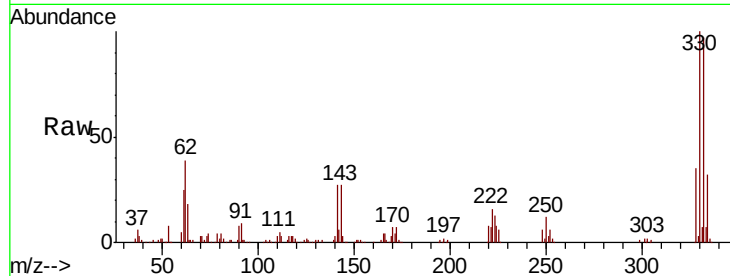




#67
 4-Bromophenyl-phenylether
 Concen: 3.349 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

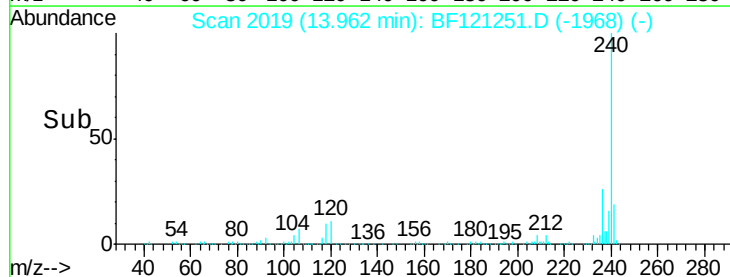
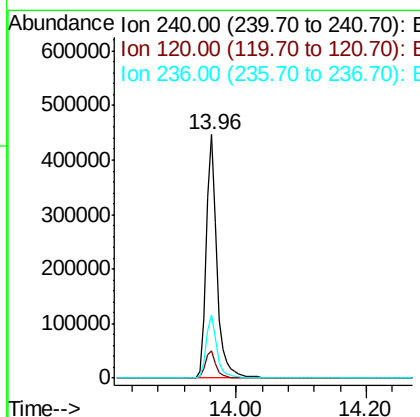
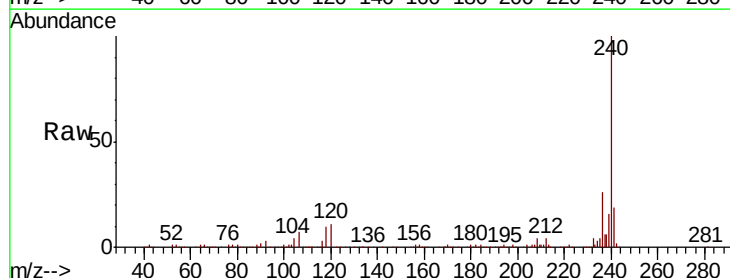
Instrument :
 BNA_F
 ClientSampled :
 1717

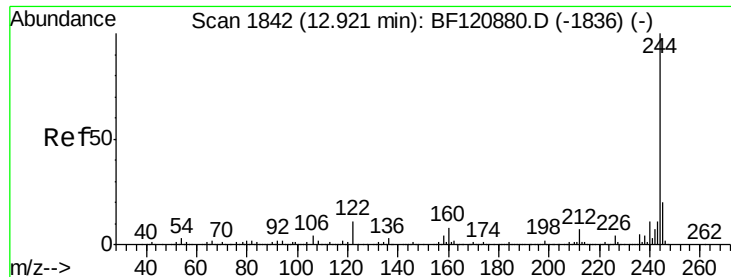
Tot Ion	Ratio	Lower	Upper
248	100		
250	195.1	77.0	115.6#
141	452.9	56.6	85.0#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.3	13.9
236	26.1	21.1	31.7

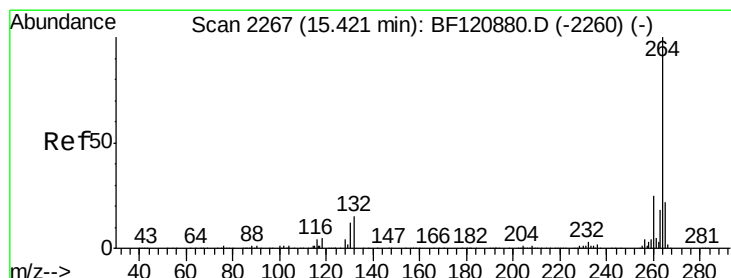
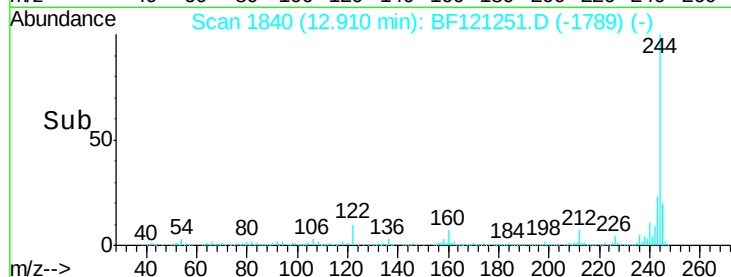
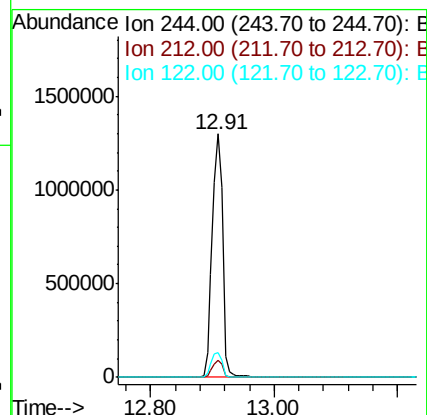
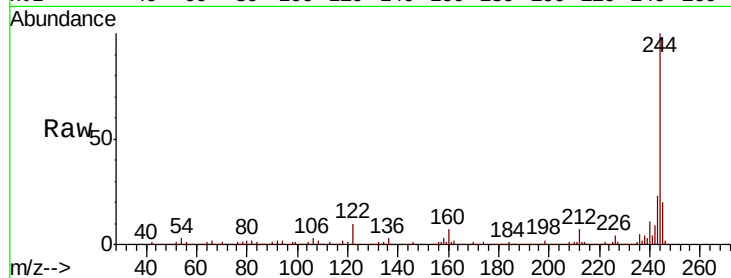




#79
 Terphenyl-d14
 Concen: 64.607 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

Instrument :
 BNA_F
 ClientSampleId :
 1717

Tot Ion:244 Resp: 1510022
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.3 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. 0.01 min
 Lab File: BF121251.D
 Acq: 11 Aug 2020 20:55

Tgt Ion:264 Resp: 274896
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.9 29.9
 265 20.9 17.8 26.8

