

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072820\
 Data File : BF121062.D
 Acq On : 28 Jul 2020 11:18
 Operator : JU/CG
 Sample : L3410-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FM-FRAC

Quant Time: Jul 28 11:43:17 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

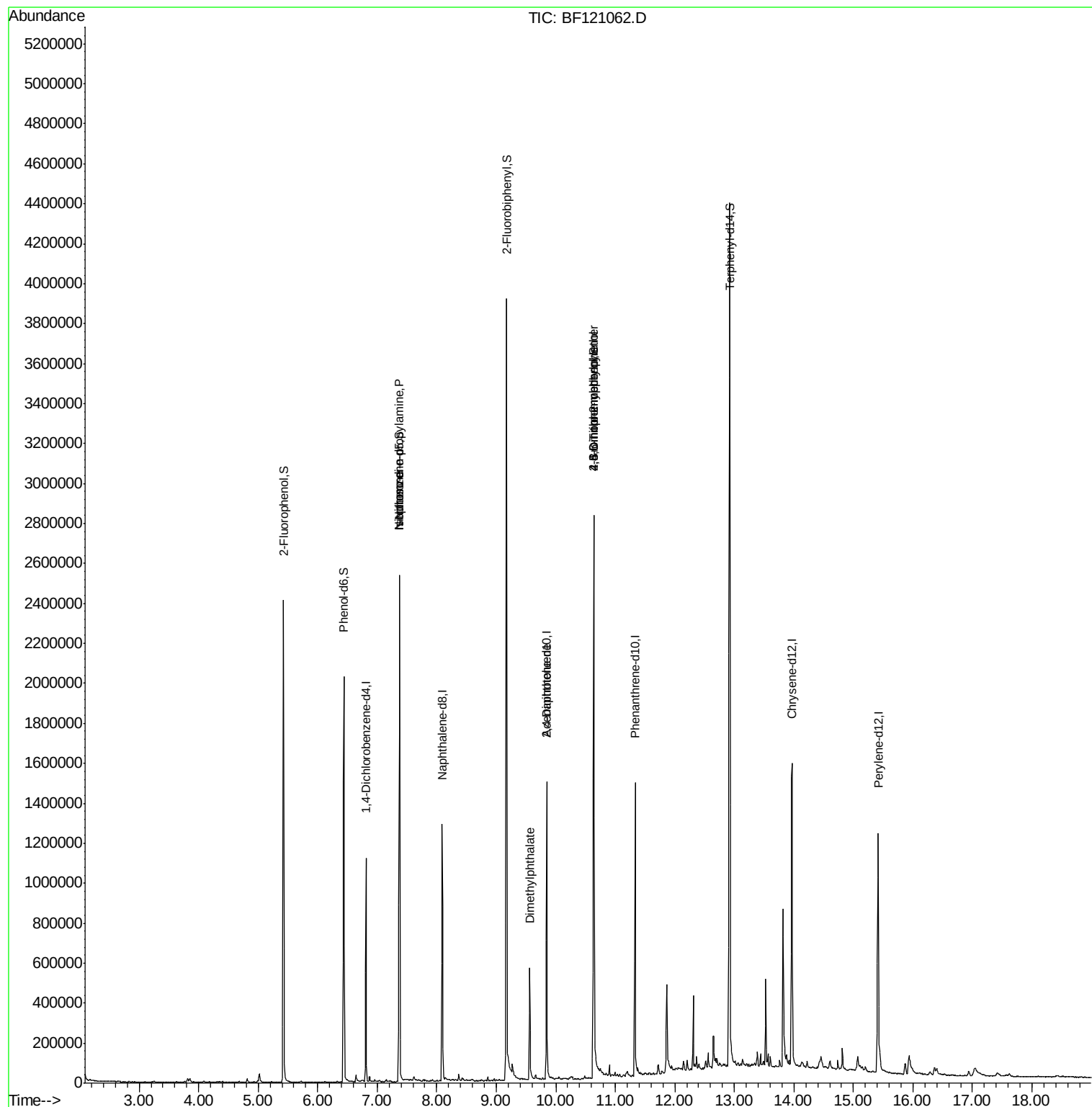
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	149797	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	552267	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	304064	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	616649	20.00	ng	0.00
76) Chrysene-d12	13.97	240	601935	20.00	ng	0.00
86) Perylene-d12	15.42	264	605610	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	754470	82.57	ng	0.00
7) Phenol-d6	6.44	99	688170	58.30	ng	0.00
23) Nitrobenzene-d5	7.37	82	963929	100.99	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	517827	155.58	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1629116	79.99	ng	0.00
79) Terphenyl-d14	12.93	244	2011936	72.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.36	77	115	Below Cal		94
19) n-Nitroso-di-n-propylamine	7.37	70	129119	19.238 ng	#	78
25) Isophorone	7.37	82	963920	50.604 ng	#	63
50) Dimethylphthalate	9.56	163	225282	10.270 ng		100
57) 2,4-Dinitrotoluene	9.85	165	38875	6.281 ng	#	27
65) 4,6-Dinitro-2-methylphenol	10.64	198	891	4.072 ng	#	1
67) 4-Bromophenyl-phenylether	10.64	248	28322	4.119 ng	#	1

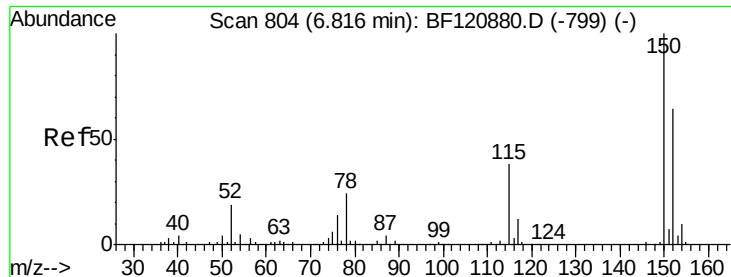
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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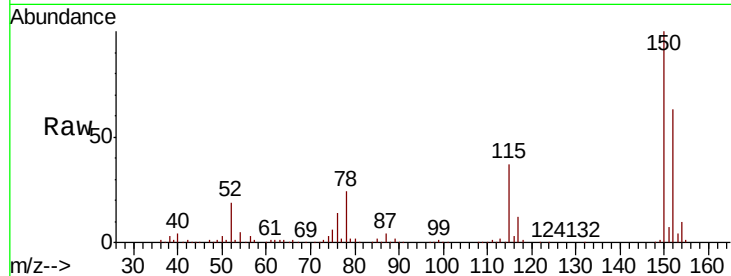


#1

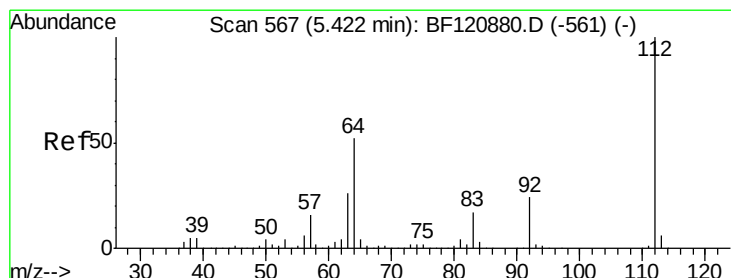
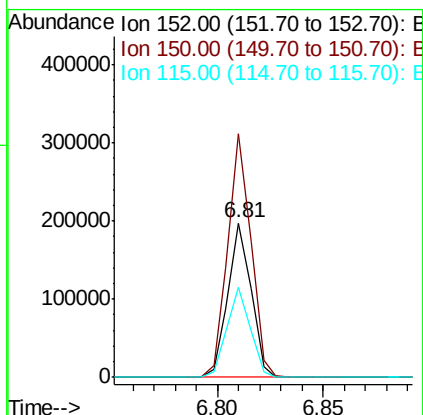
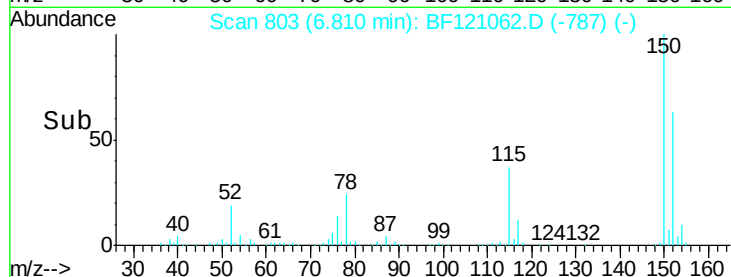
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF121062.D
Acq: 28 Jul 2020 11:18

Instrument :
BNA_F
ClientSampleId :
FM-FRAC

Tot Ion:152 Resp: 149797
Ion Ratio Lower Upper
152 100
150 157.7 125.0 187.6
115 58.7 47.0 70.4



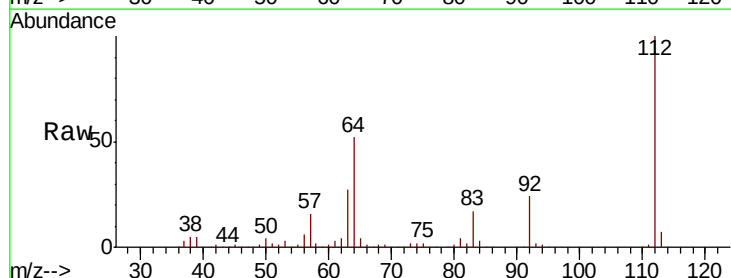
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



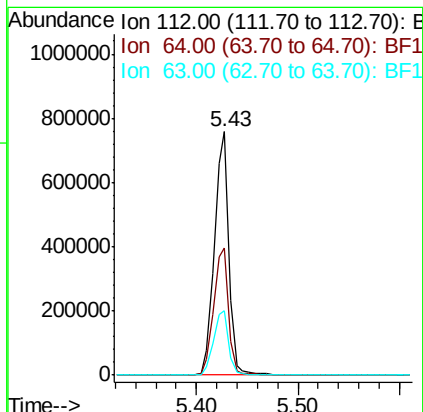
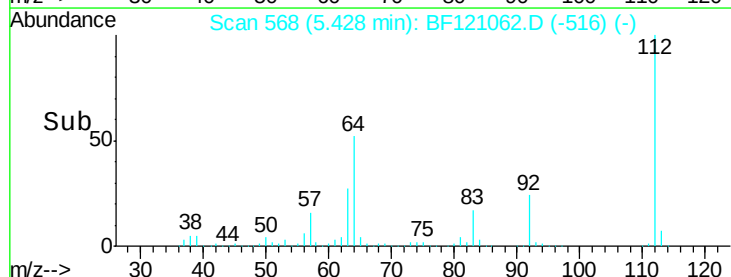
#5

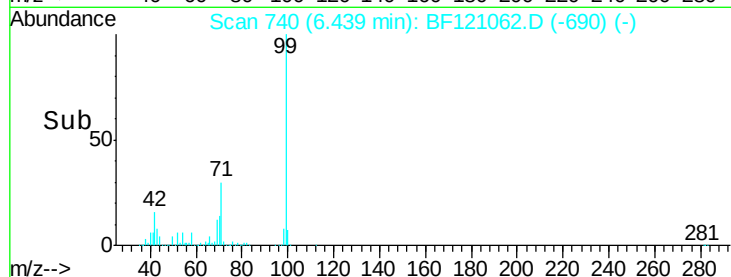
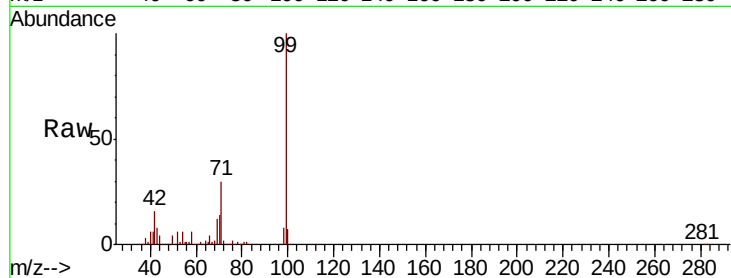
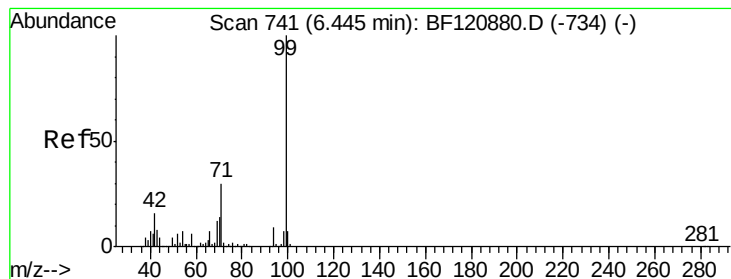
2-Fluorophenol
Concen: 82.568 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.01 min
Lab File: BF121062.D
Acq: 28 Jul 2020 11:18

Tgt Ion:112 Resp: 754470
Ion Ratio Lower Upper
112 100
64 52.0 41.3 61.9
63 26.6 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: 58.303 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121062.D

Acq: 28 Jul 2020 11:18

Instrument :

BNA_F

ClientSampleId :

FM-FRAC

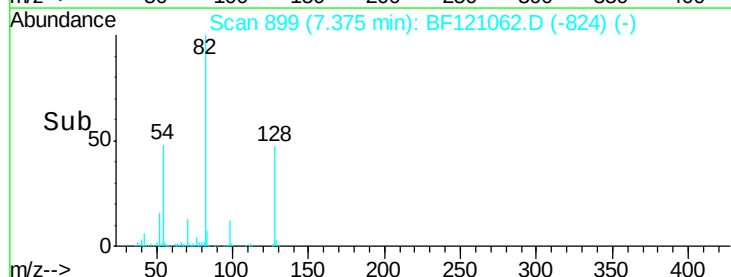
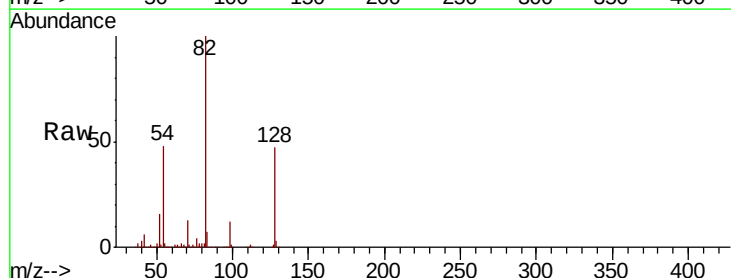
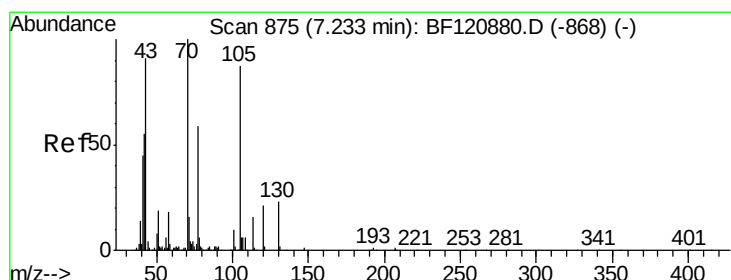
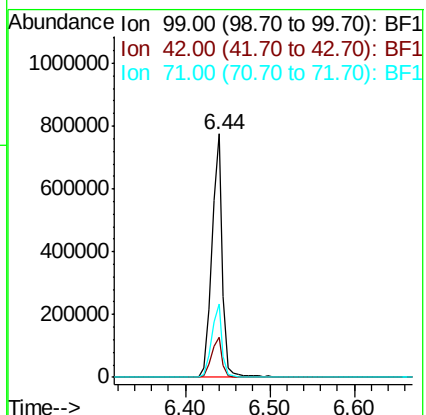
Tot Ion: 99 Resp: 688170

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 30.3 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 19.238 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF121062.D

Acq: 28 Jul 2020 11:18

Tgt Ion: 70 Resp: 129119

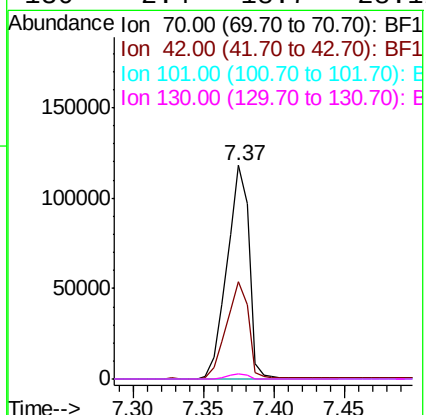
Ion Ratio Lower Upper

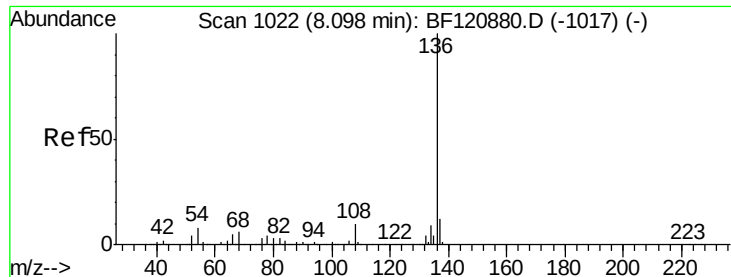
70 100

42 45.9 44.0 66.0

101 0.0 7.8 11.6#

130 2.4 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: BF121062.D

Acq: 28 Jul 2020 11:18

Instrument :

BNA_F

ClientSampleId :

FM-FRAC

Tot Ion:136 Resp: 552267

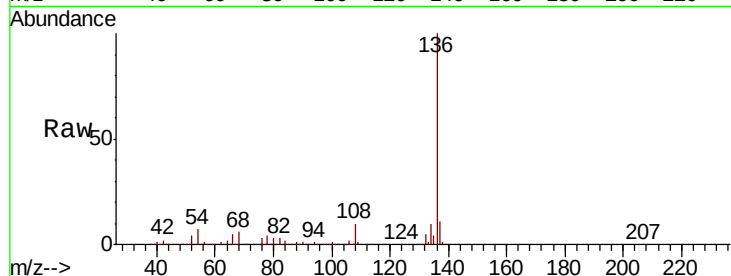
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 7.5 6.3 9.5

68 6.1 5.0 7.4

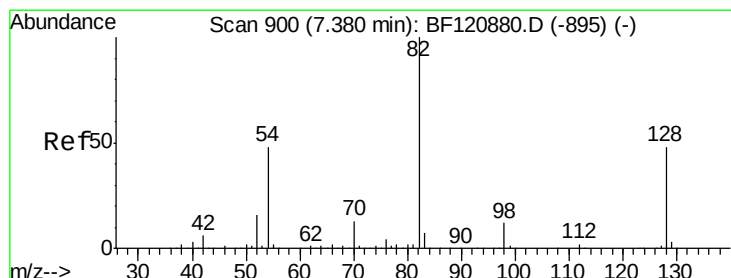
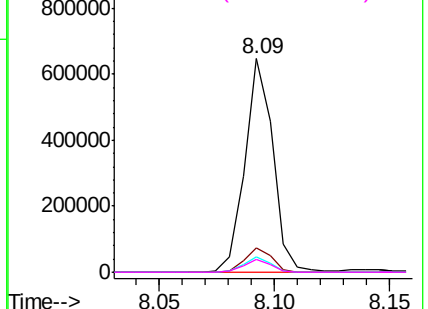
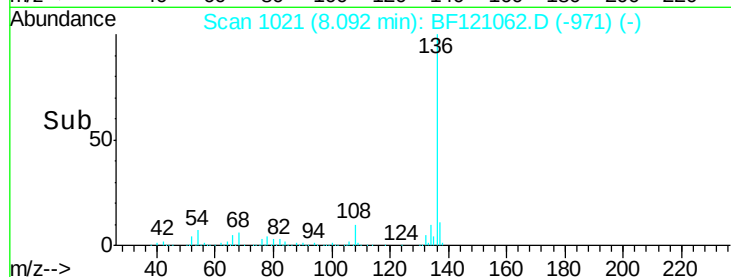


Abundance Ion 136.00 (135.70 to 136.70): E

1000000 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: 100.994 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121062.D

Acq: 28 Jul 2020 11:18

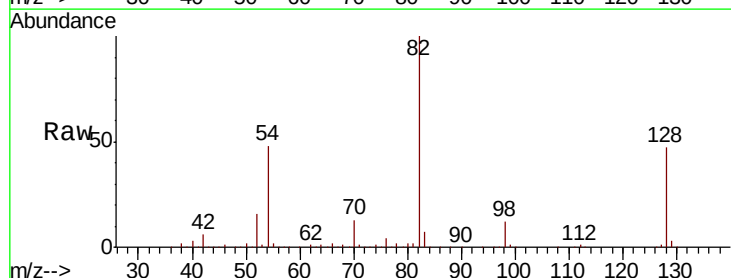
Tgt Ion: 82 Resp: 963929

Ion Ratio Lower Upper

82 100

128 46.6 38.2 57.4

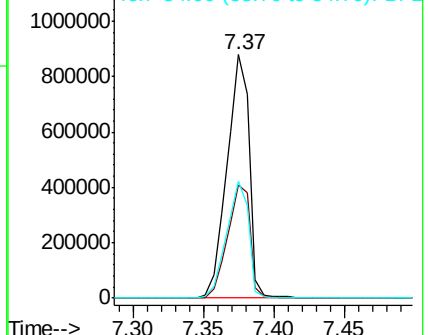
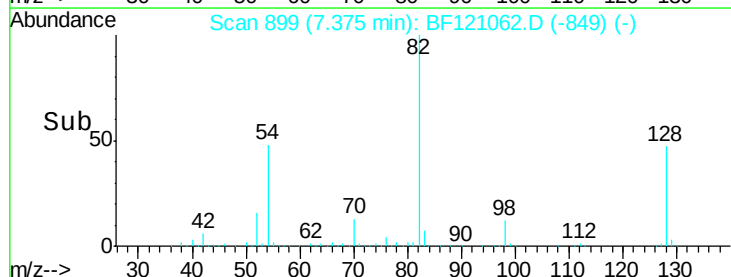
54 48.1 38.7 58.1

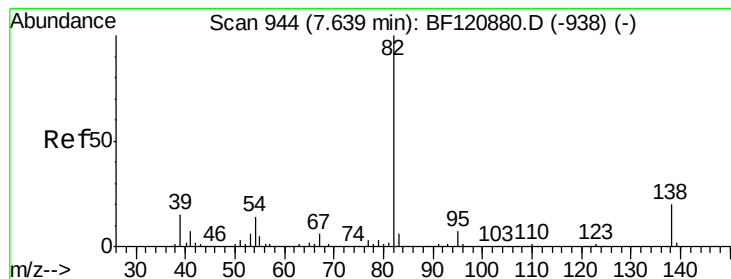


Abundance Ion 82.00 (81.70 to 82.70): BF1

1200000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.604 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121062.D

Acq: 28 Jul 2020 11:18

Instrument :

BNA_F

ClientSampleId :

FM-FRAC

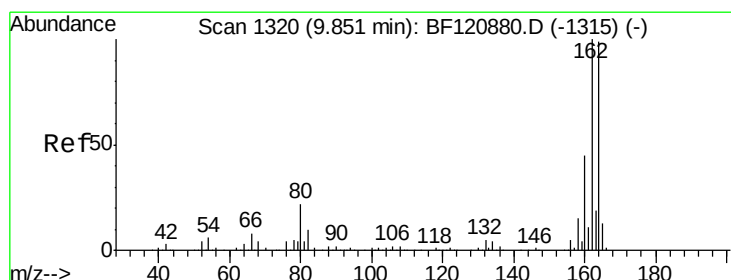
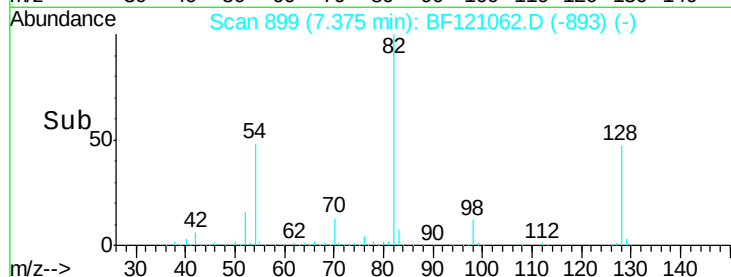
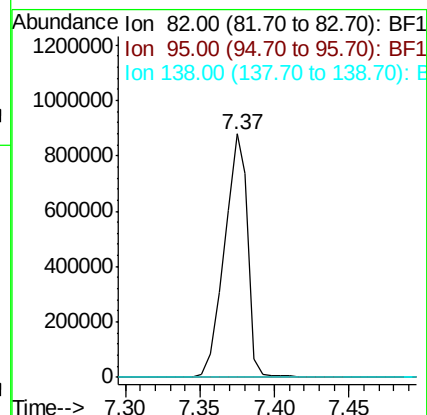
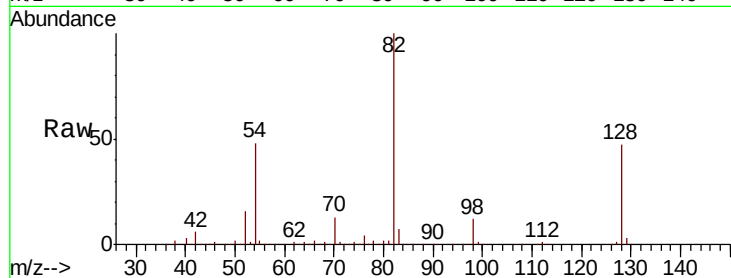
Tot Ion: 82 Resp: 963920

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: BF121062.D

Acq: 28 Jul 2020 11:18

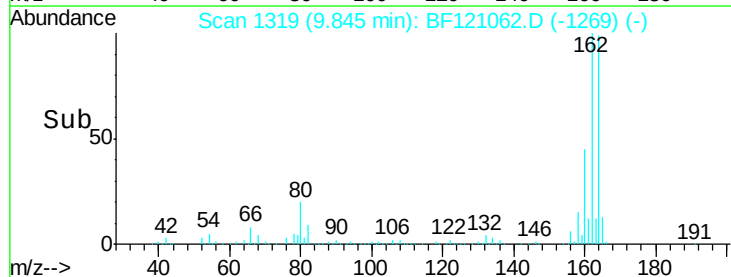
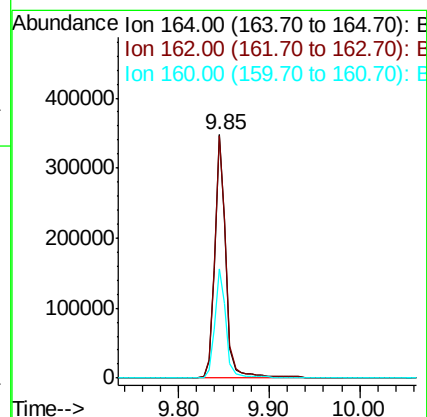
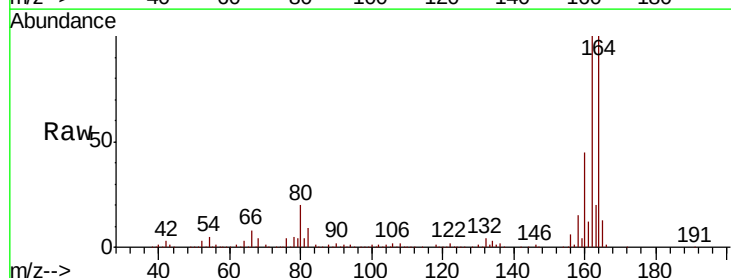
Tgt Ion: 164 Resp: 304064

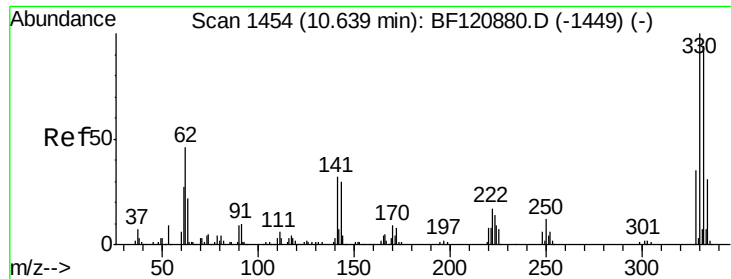
Ion Ratio Lower Upper

164 100

162 99.7 81.2 121.8

160 44.9 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 155.584 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF121062.D

Acq: 28 Jul 2020 11:18

Instrument :

BNA_F

ClientSampleId :

FM-FRAC

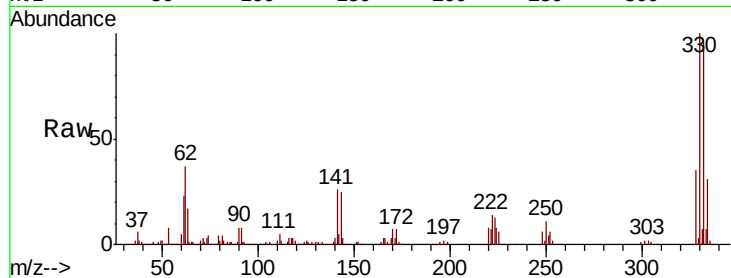
Tot Ion:330 Resp: 517827

Ion Ratio Lower Upper

330 100

332 95.1 75.5 113.3

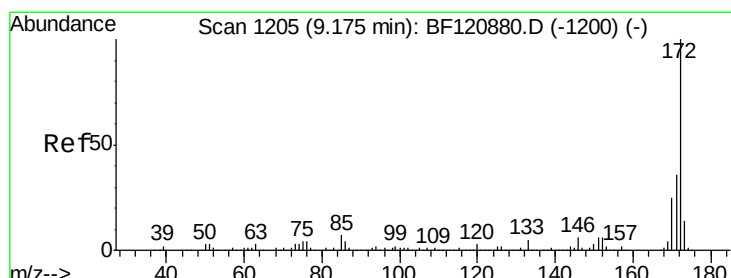
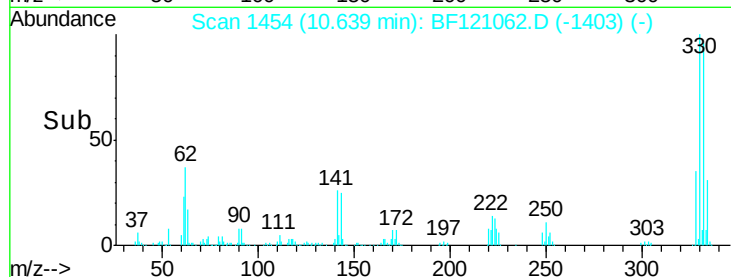
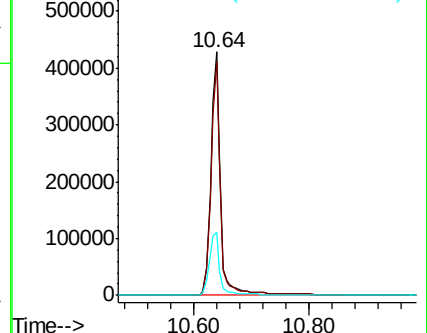
141 29.1 25.7 38.5



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: 79.994 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121062.D

Acq: 28 Jul 2020 11:18

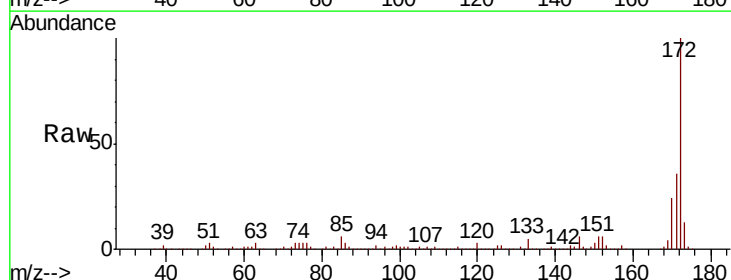
Tgt Ion:172 Resp: 1629116

Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.4

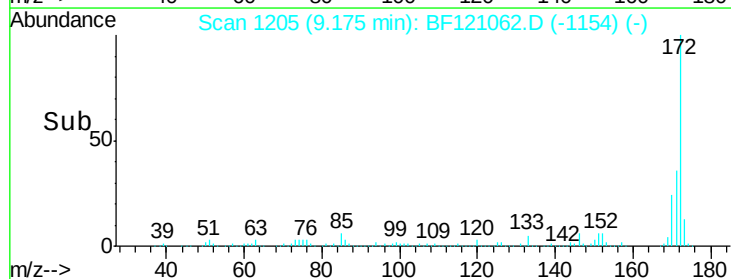
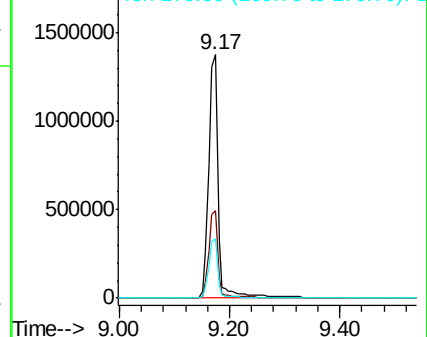
170 24.5 19.6 29.4

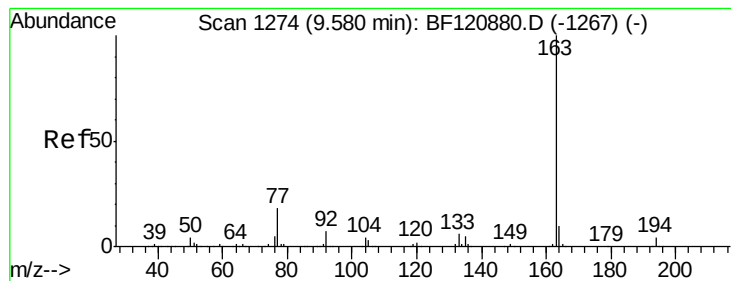


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.270 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121062.D

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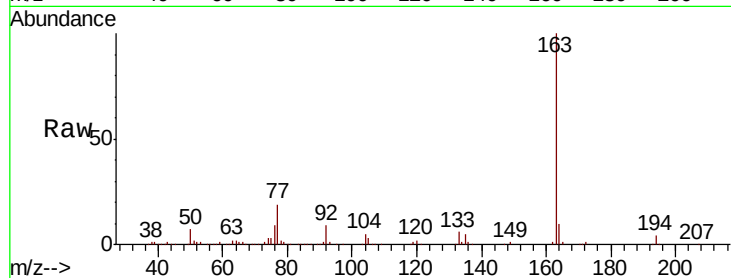
Tot Ion:163 Resp: 225282

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

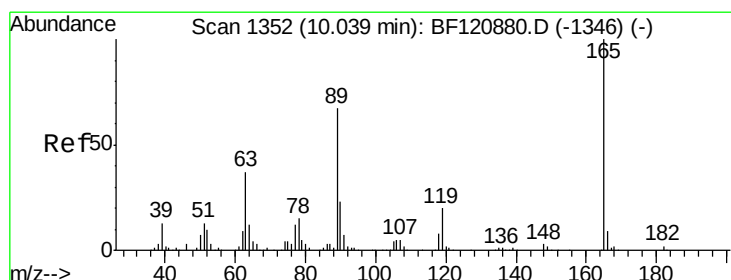
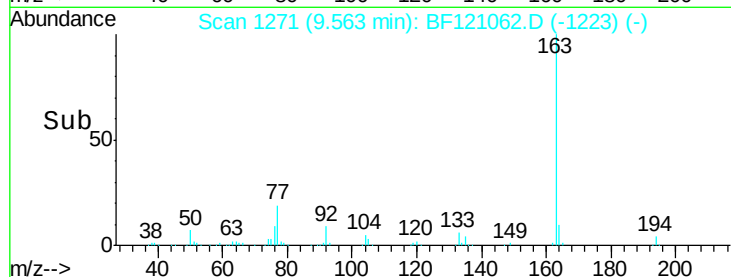
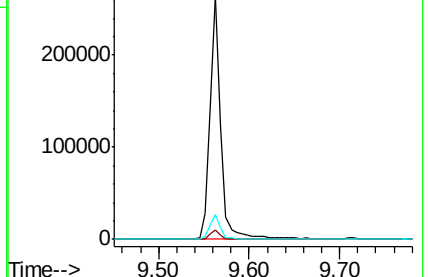
164 9.9 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#57

2,4-Dinitrotoluene

Concen: 6.281 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.19 min

Lab File: BF121062.D

Acq: 28 Jul 2020 11:18

Tgt Ion:165 Resp: 38875

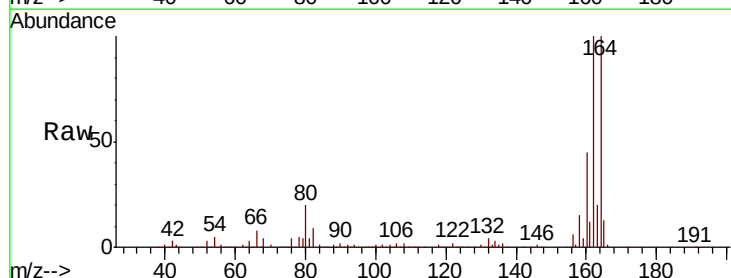
Ion Ratio Lower Upper

165 100

63 1.3 29.4 44.2#

89 1.3 53.4 80.0#

182 0.0 1.8 2.6#

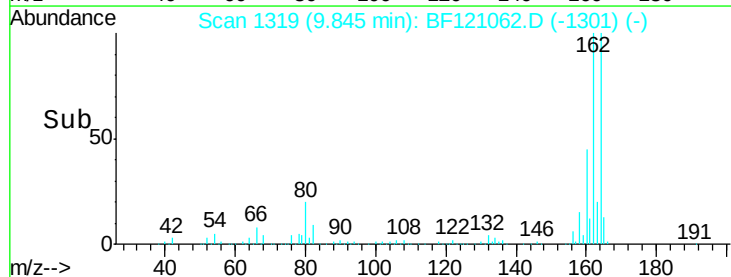
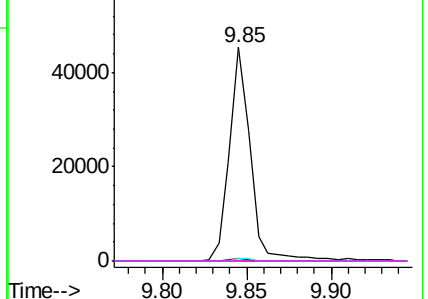


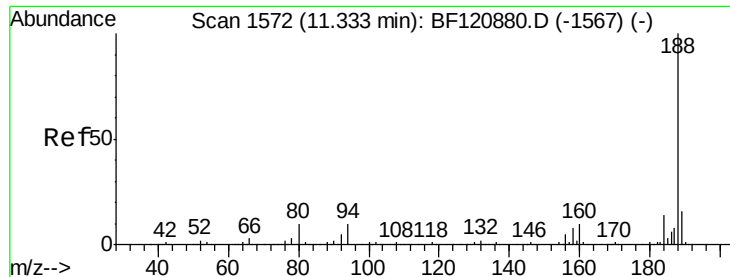
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF121062.D

Acq: 28 Jul 2020 11:18

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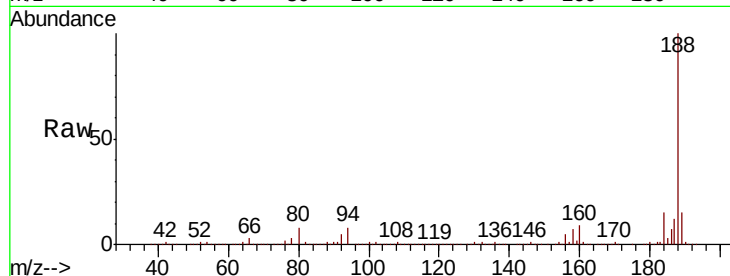
Tot Ion:188 Resp: 616649

Ion Ratio Lower Upper

188 100

94 8.4 8.0 12.0

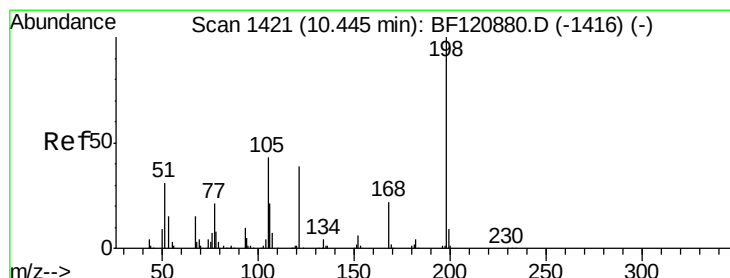
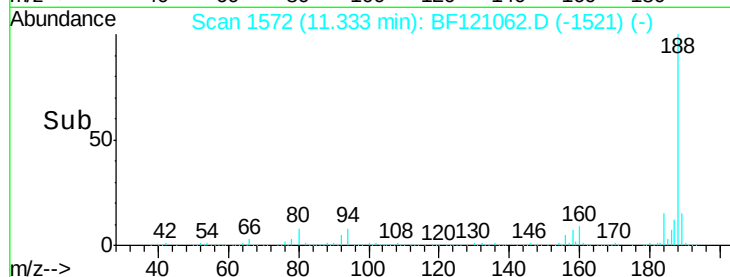
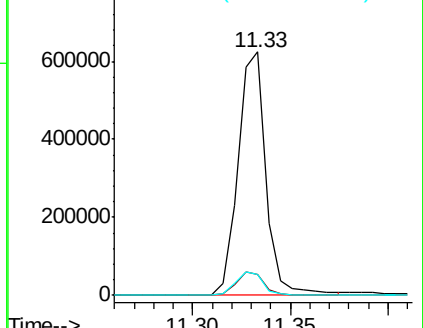
80 8.4 8.3 12.5



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: 4.072 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF121062.D

Acq: 28 Jul 2020 11:18

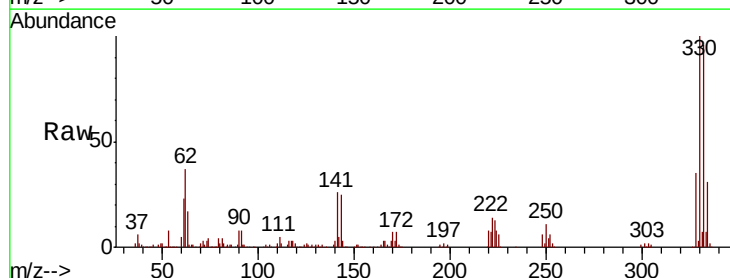
Tgt Ion:198 Resp: 891

Ion Ratio Lower Upper

198 100

51 156.3 19.5 59.5#

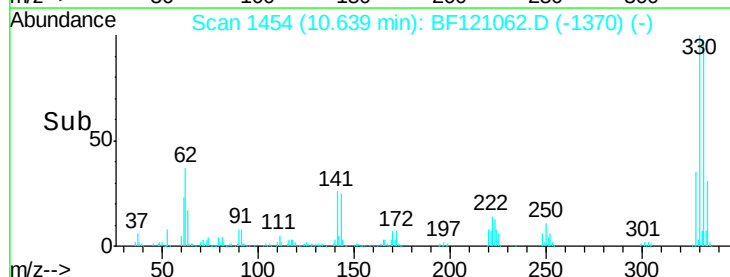
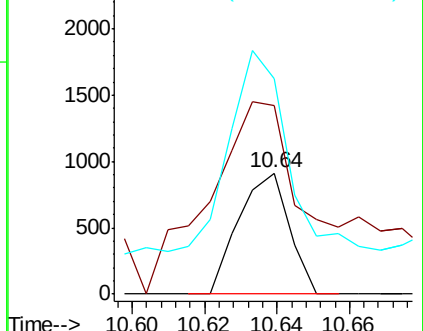
105 178.7 24.4 64.4#

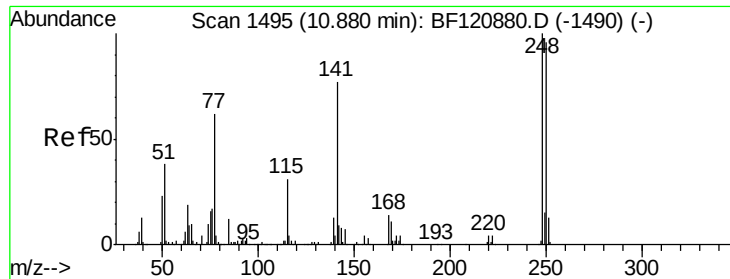


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

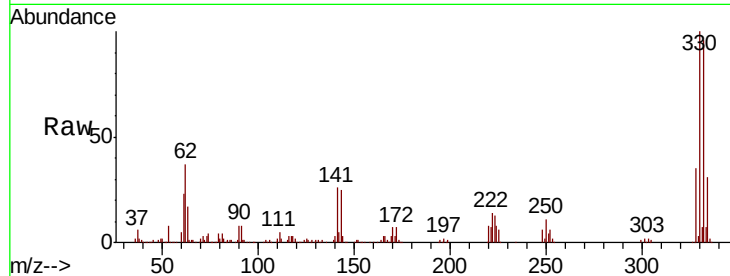




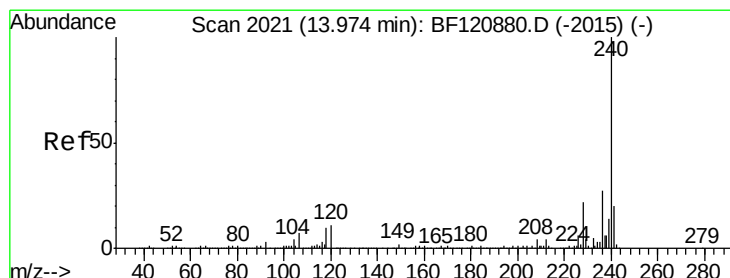
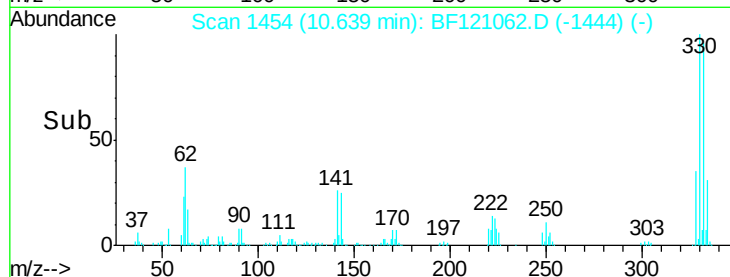
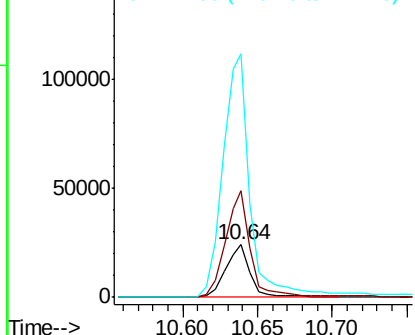
#67
 4-Bromophenyl-phenylether
 Concen: 4.119 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121062.D
 Acq: 28 Jul 2020 11:18

Instrument :
 BNA_F
 ClientSampled :
 FM-FRAC

Tot Ion:248 Resp: 28322
 Ion Ratio Lower Upper
 248 100
 250 202.5 77.1 115.7#
 141 462.7 61.2 91.8#

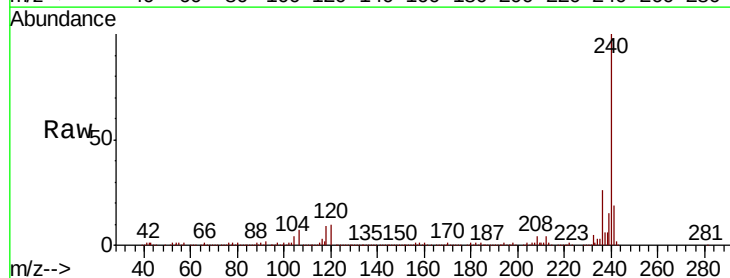


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

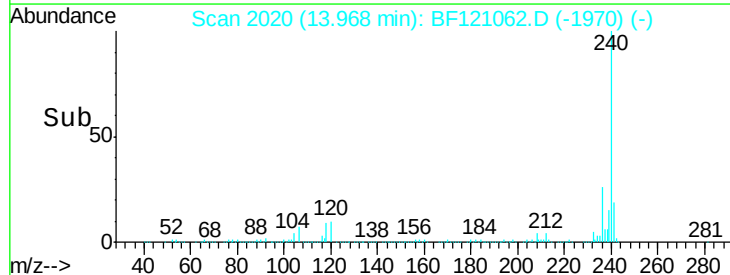
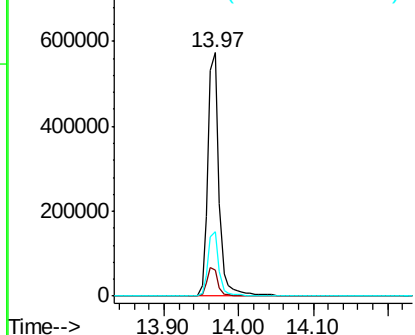


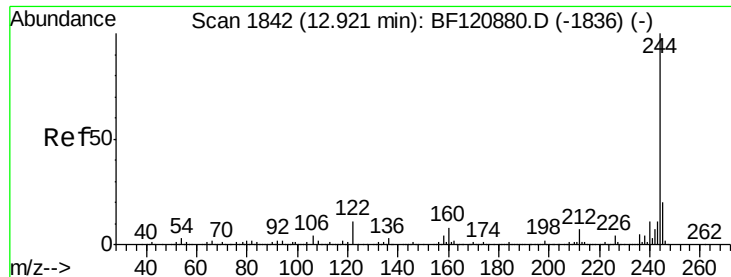
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121062.D
 Acq: 28 Jul 2020 11:18

Tgt Ion:240 Resp: 601935
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.0 13.4
 236 26.4 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

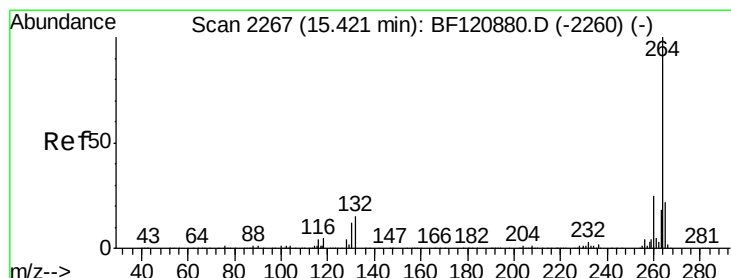
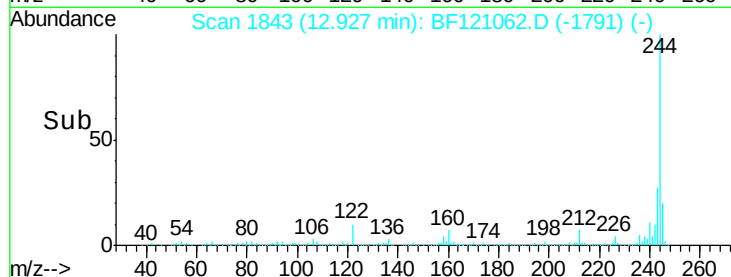
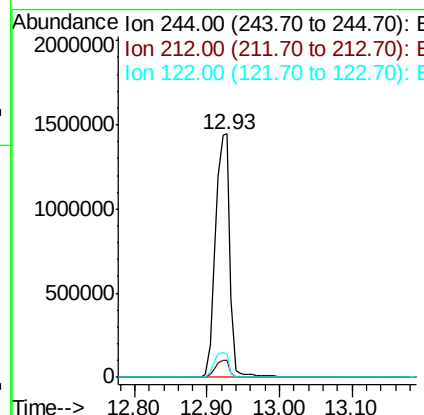
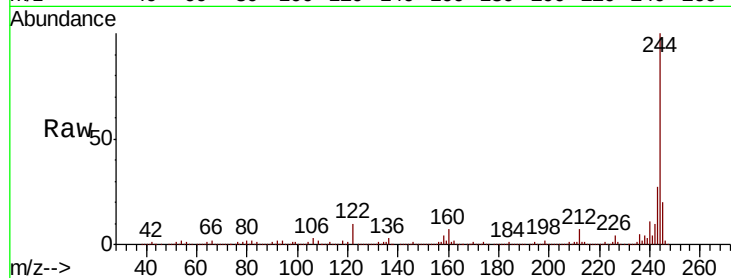




#79
 Terphenyl-d14
 Concen: 72.658 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF121062.D
 Acq: 28 Jul 2020 11:18

Instrument :
 BNA_F
 ClientSampleId :
 FM-FRAC

Tot Ion:244 Resp: 2011936
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 9.8 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: BF121062.D
 Acq: 28 Jul 2020 11:18

Tgt Ion:264 Resp: 605610
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 22.0 17.4 26.2

