

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
 Data File : BF121019.D
 Acq On : 24 Jul 2020 23:23
 Operator : JU/CG
 Sample : L3383-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 24 23:52:25 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	6.82	152	149973	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	515221	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	255147	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	442072	20.00	ng	0.00
76) Chrysene-d12	13.97	240	389091	20.00	ng	0.00
86) Perylene-d12	15.42	264	423874	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	720397	78.75	ng	0.00
7) Phenol-d6	6.45	99	851400	72.05	ng	0.00
23) Nitrobenzene-d5	7.37	82	520307	58.43	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	215198	77.05	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1044240	61.11	ng	0.00
79) Terphenyl-d14	12.92	244	881222	49.23	ng	0.00

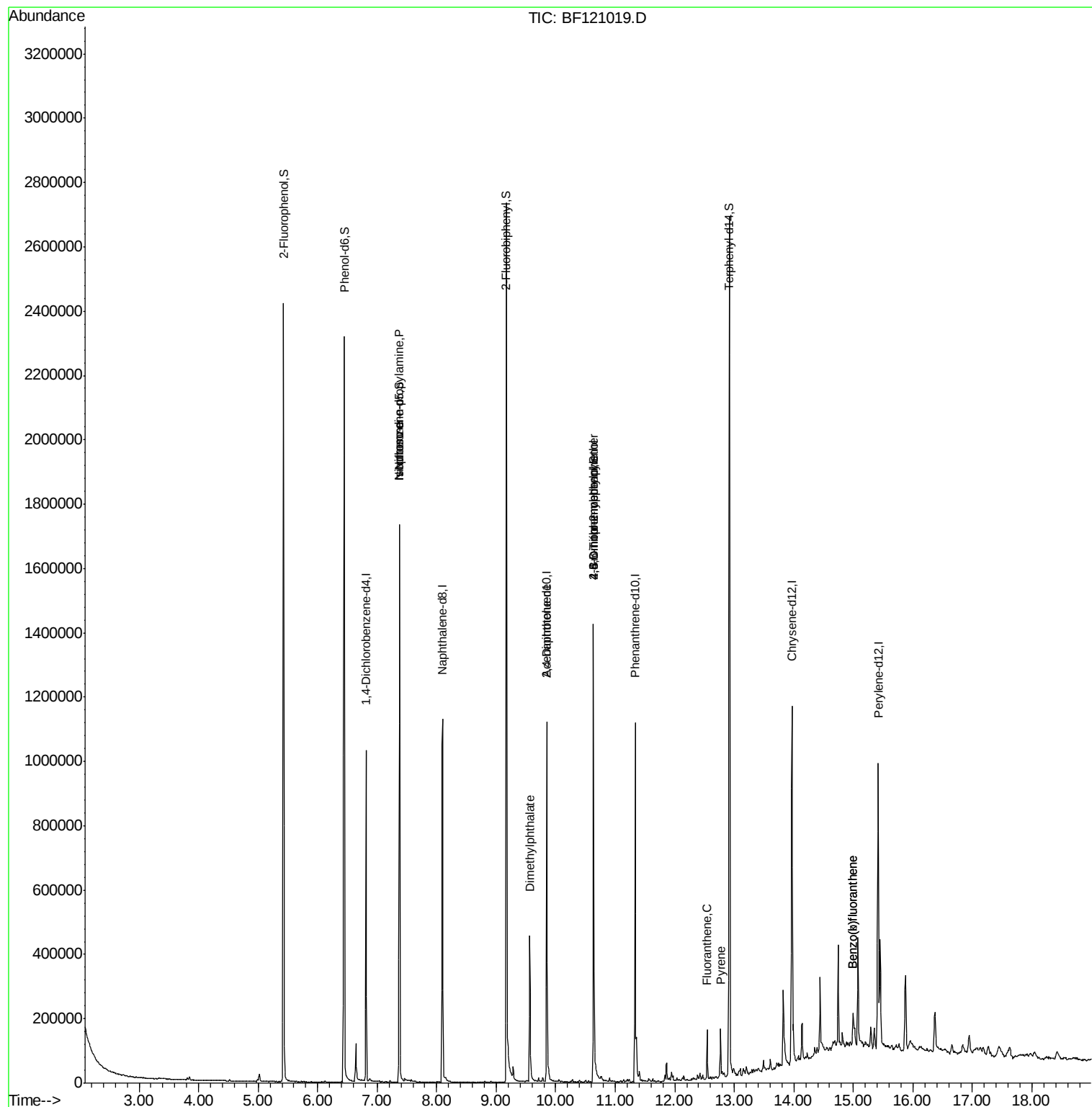
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.45	77	1244	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.37	70	68347	10.171	ng	# 76
25) Isophorone	7.37	82	514143	28.932	ng	# 63
50) Dimethylphthalate	9.56	163	204986	11.136	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	32362	6.232	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.63	198	319	3.957	ng	# 1
67) 4-Bromophenyl-phenylether	10.63	248	11844	2.403	ng	# 1
75) Fluoranthene	12.55	202	68730	2.727	ng	# 96
78) Pyrene	12.77	202	66428	2.415	ng	# 98
88) Benzo(b)fluoranthene	14.99	252	77060	3.008	ng	# 97
89) Benzo(k)fluoranthene	14.99	252	77060	3.298	ng	# 97

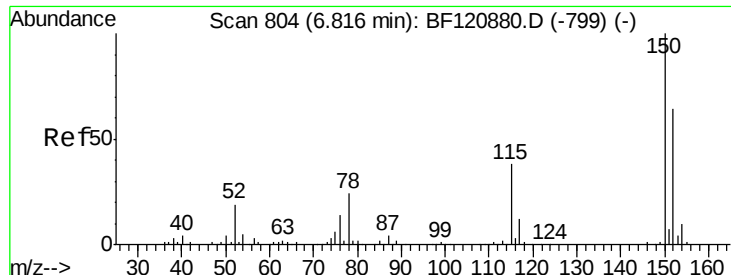
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121019.D
Acq On : 24 Jul 2020 23:23
Operator : JU/CG
Sample : L3383-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jul 24 23:52:25 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

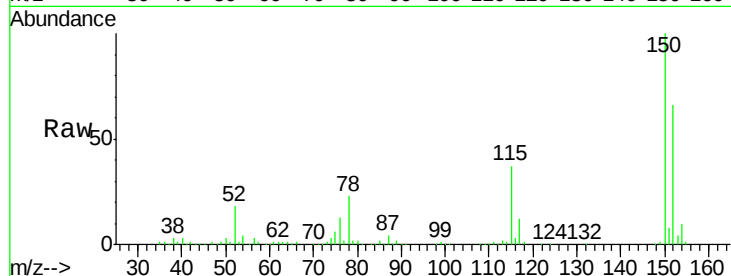




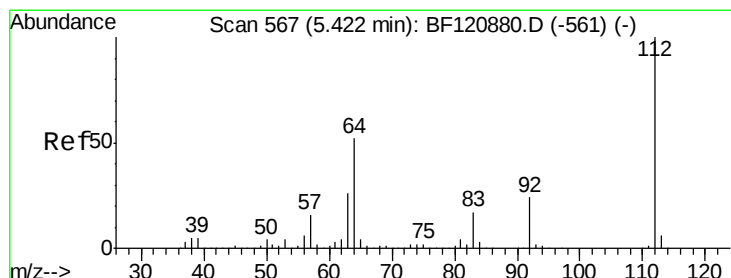
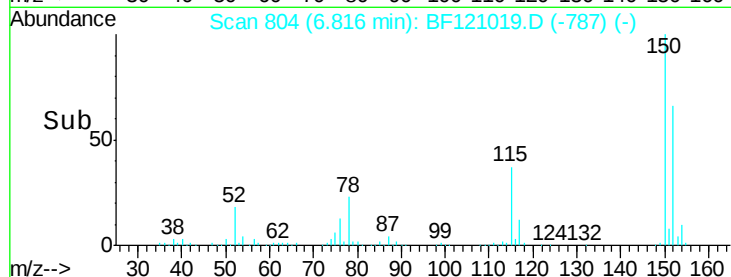
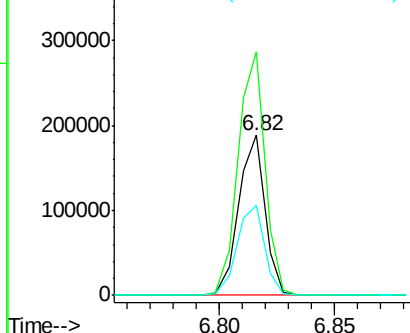
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF121019.D
 Acq: 24 Jul 2020 23:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 149973
 Ion Ratio Lower Upper
 152 100
 150 152.3 125.0 187.6
 115 56.6 47.0 70.4

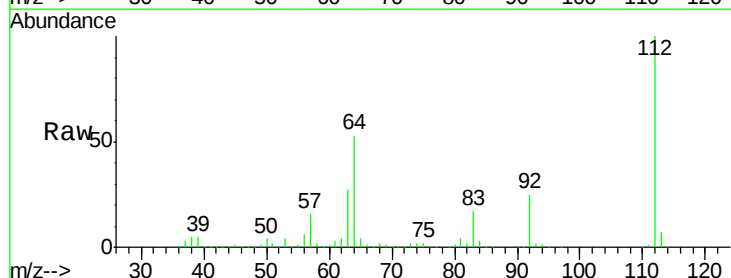


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

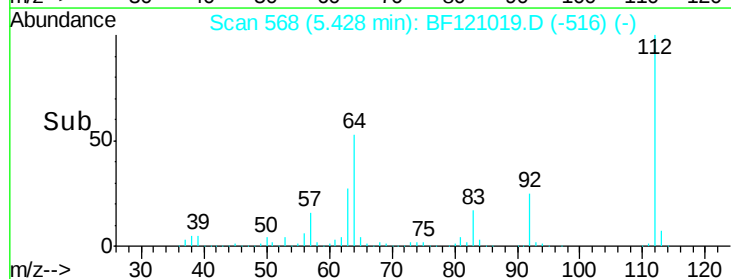
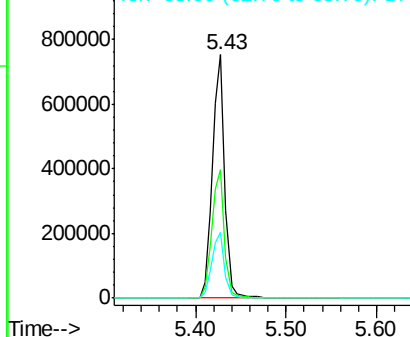


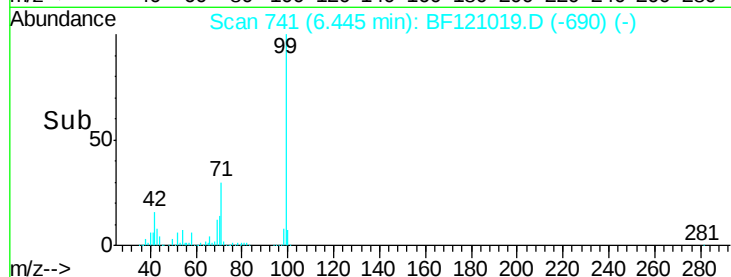
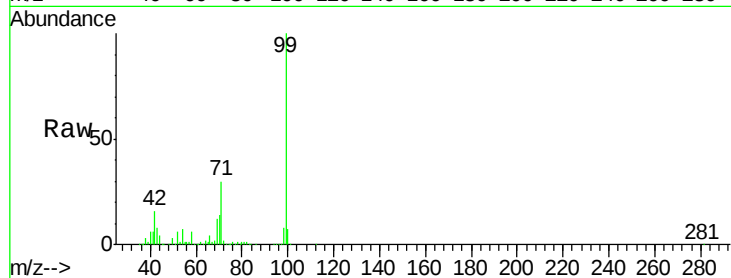
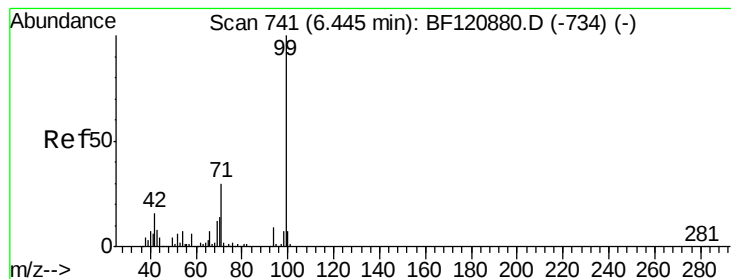
#5
 2-Fluorophenol
 Concen: 78.747 ng
 RT: 5.43 min Scan# 568
 Delta R.T. 0.01 min
 Lab File: BF121019.D
 Acq: 24 Jul 2020 23:23

Tgt Ion:112 Resp: 720397
 Ion Ratio Lower Upper
 112 100
 64 52.6 41.3 61.9
 63 26.9 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: 72.047 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Instrument :

BNA_F

ClientSampled :

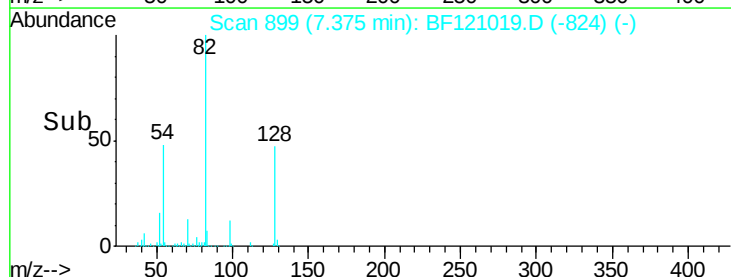
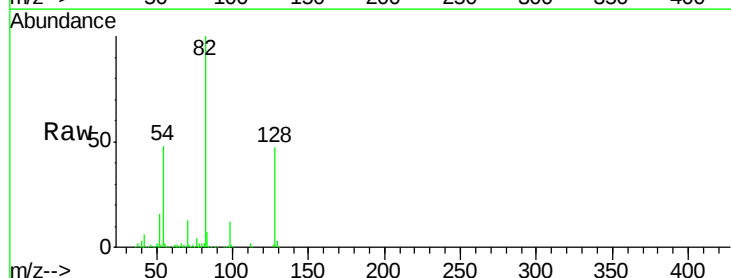
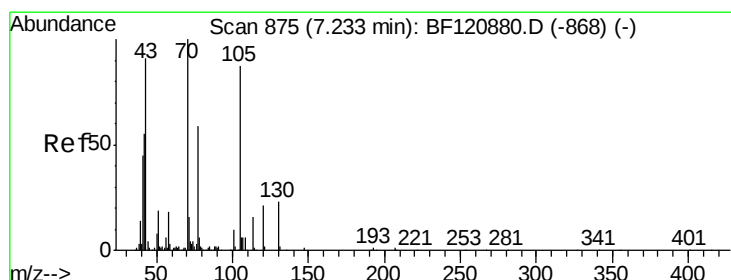
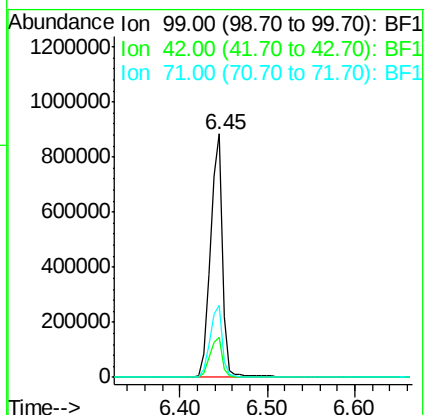
Tot Ion: 99 Resp: 851400

Ion Ratio Lower Upper

99 100

42 16.3 13.1 19.7

71 29.9 24.2 36.4



#19

n-Nitroso-di-n-propylamine

Concen: 10.171 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.14 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Tgt Ion: 70 Resp: 68347

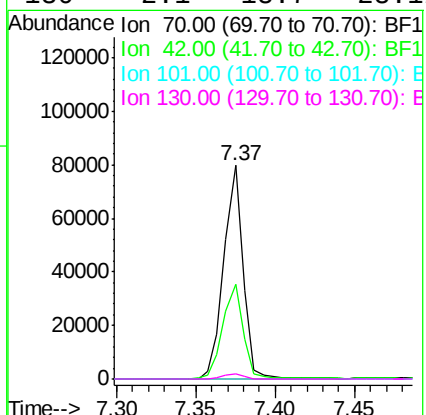
Ion Ratio Lower Upper

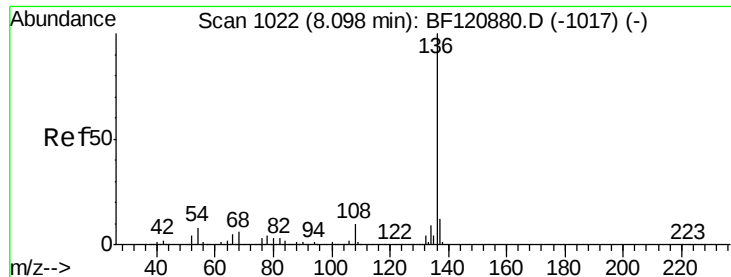
70 100

42 44.5 44.0 66.0

101 0.0 7.8 11.6#

130 2.1 18.7 28.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 515221

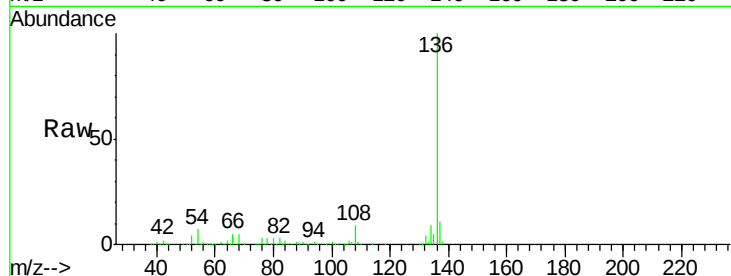
Ion Ratio Lower Upper

136 100

137 10.7 9.3 13.9

54 6.6 6.3 9.5

68 5.3 5.0 7.4

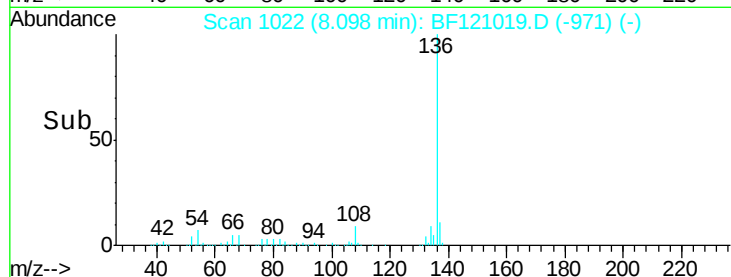


Abundance Ion 136.00 (135.70 to 136.70): E

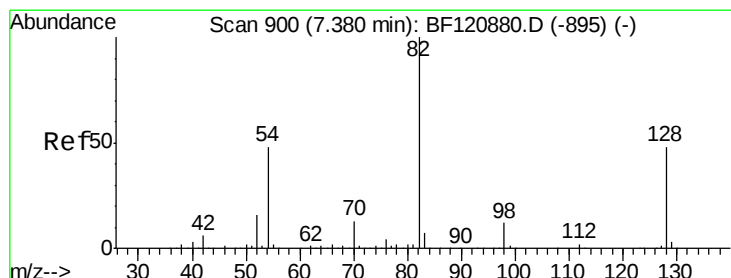
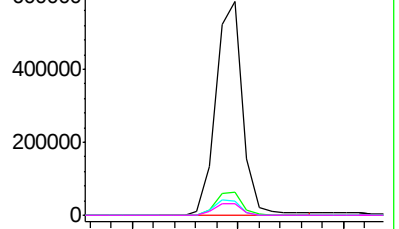
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Abundance



#23

Nitrobenzene-d5

Concen: 58.434 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

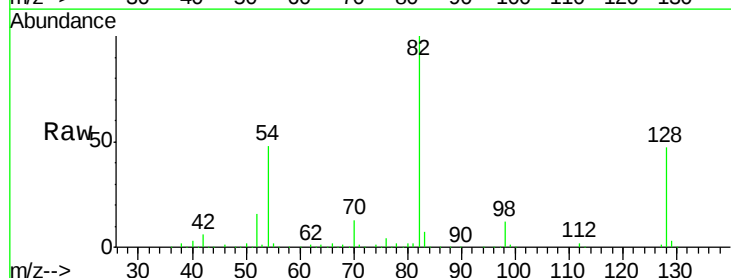
Tgt Ion: 82 Resp: 520307

Ion Ratio Lower Upper

82 100

128 47.4 38.2 57.4

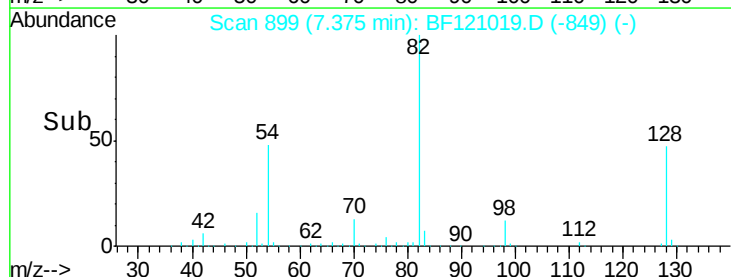
54 48.3 38.7 58.1



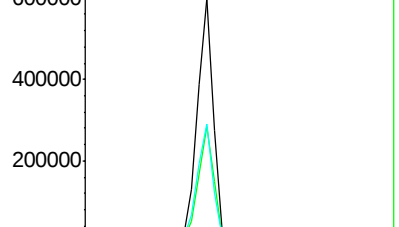
Abundance Ion 82.00 (81.70 to 82.70): BF1

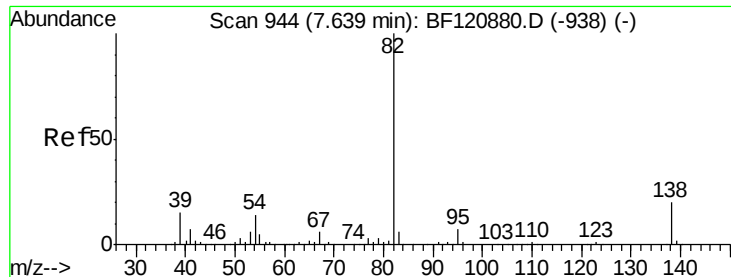
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Abundance





#25

Isophorone

Concen: 28.932 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Instrument :

BNA_F

ClientSampleId :

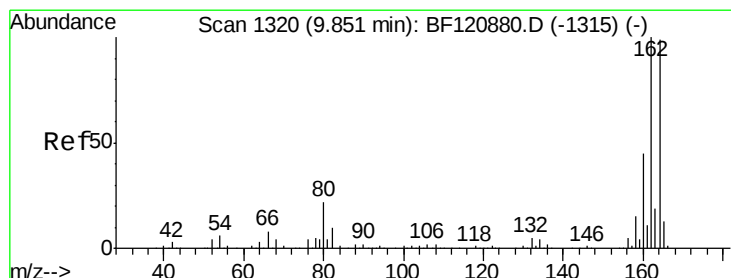
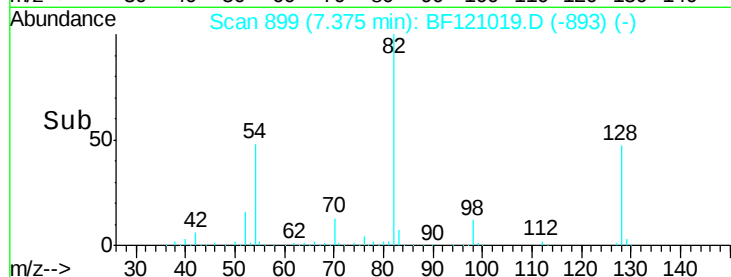
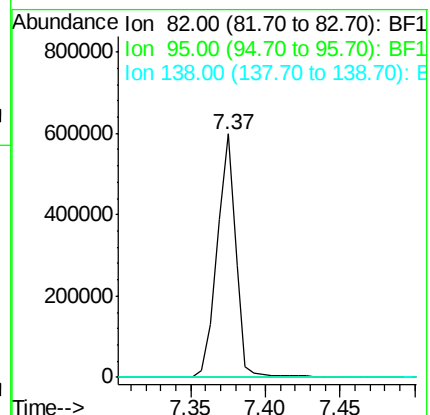
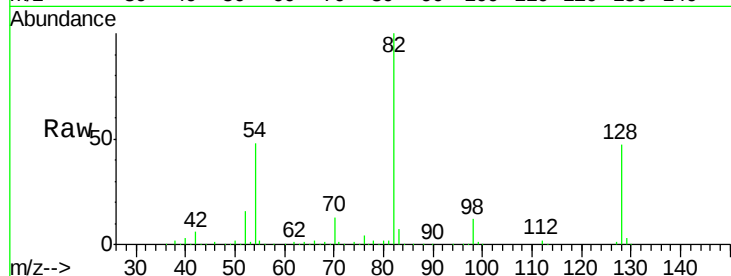
Tot Ion: 82 Resp: 514143

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# 1320

Delta R.T. 0.00 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

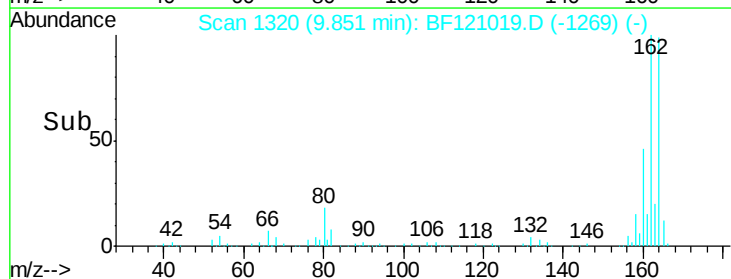
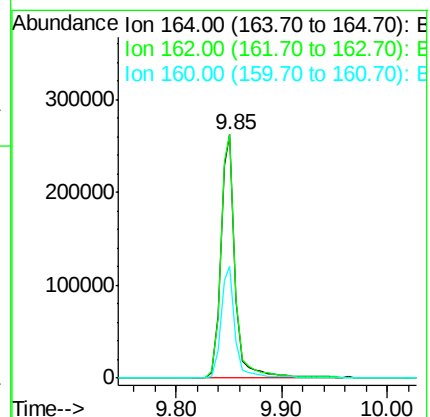
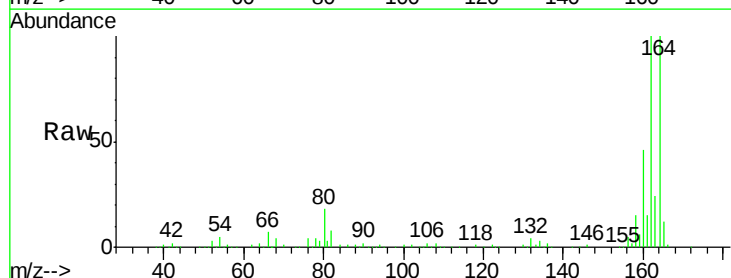
Tgt Ion: 164 Resp: 255147

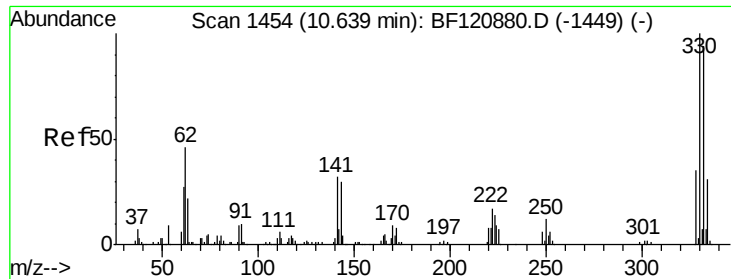
Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

160 45.8 36.9 55.3

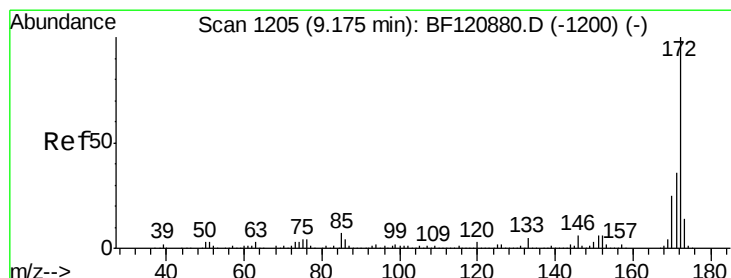
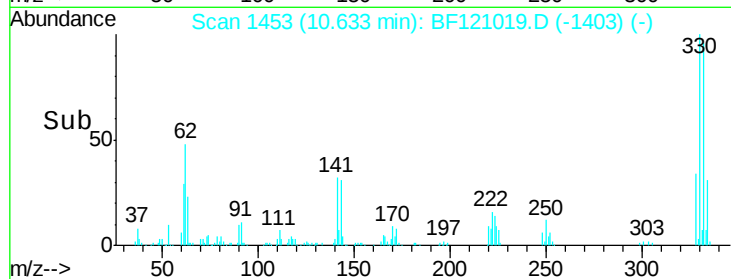
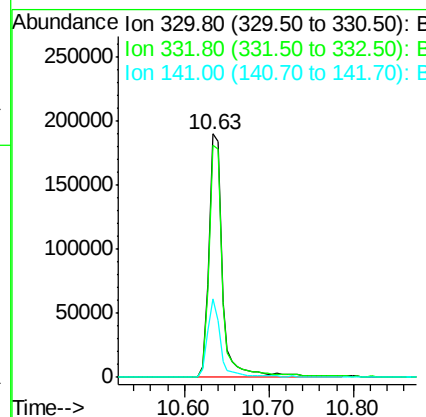
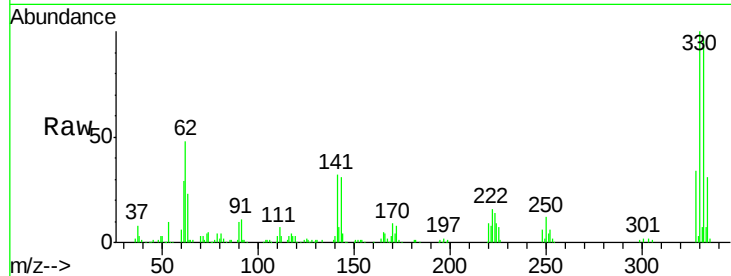




#42
 2,4,6-Tribromophenol
 Concen: 77.054 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF121019.D
 Acq: 24 Jul 2020 23:23

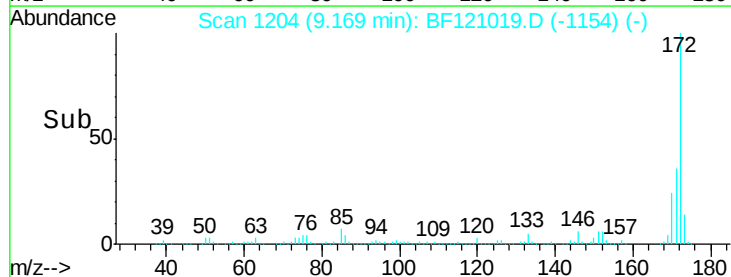
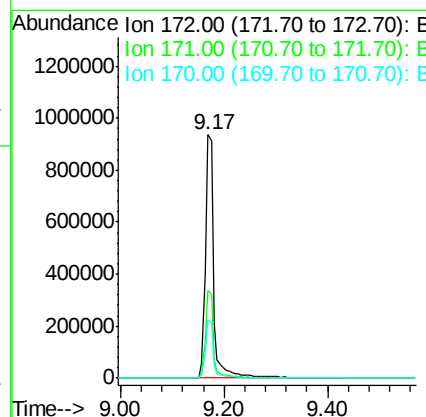
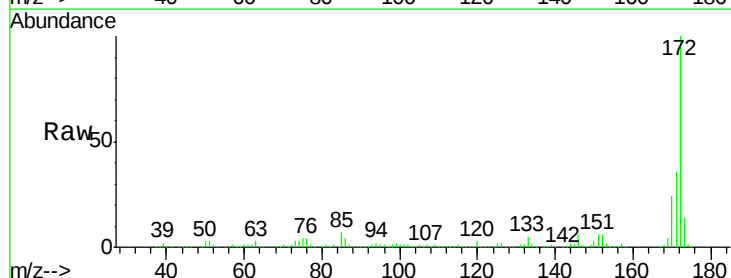
Instrument :
 BNA_F
 ClientSampleId :

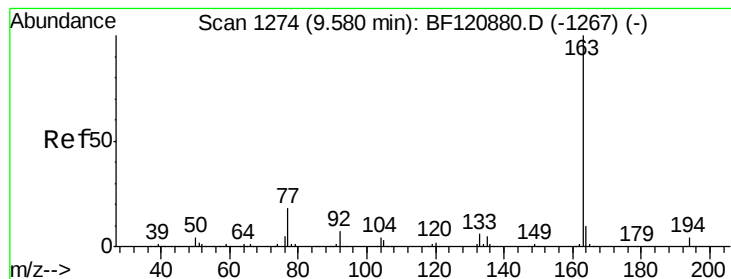
Tot Ion:330 Resp: 215198
 Ion Ratio Lower Upper
 330 100
 332 95.0 75.5 113.3
 141 30.6 25.7 38.5



#45
 2-Fluorobiphenyl
 Concen: 61.106 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121019.D
 Acq: 24 Jul 2020 23:23

Tgt Ion:172 Resp: 1044240
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 23.9 19.6 29.4





#50

Dimethylphthalate

Concen: 11.136 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Instrument :

BNA_F

ClientSampleId :

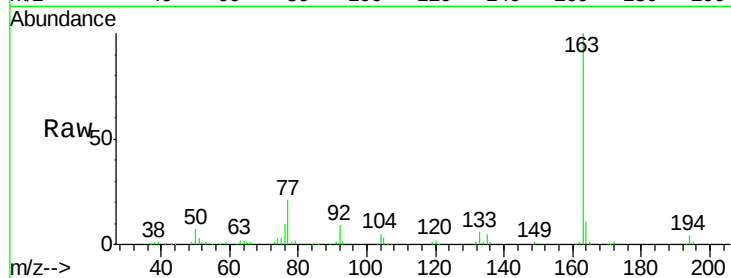
Tot Ion:163 Resp: 204986

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

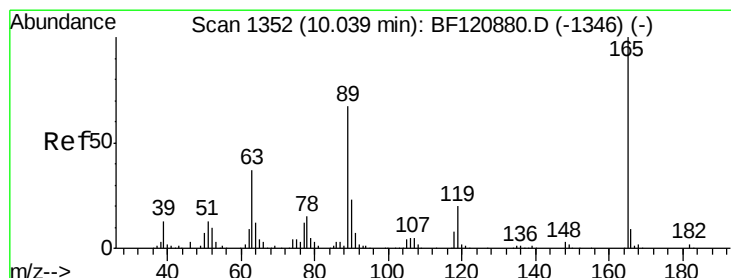
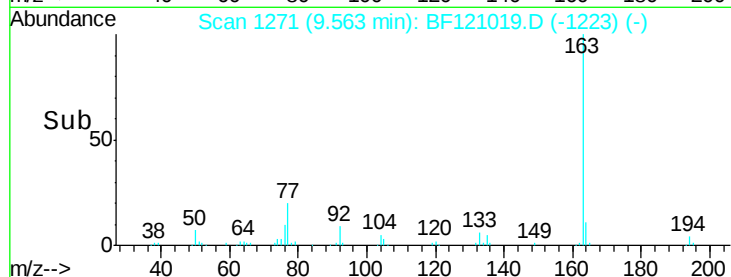
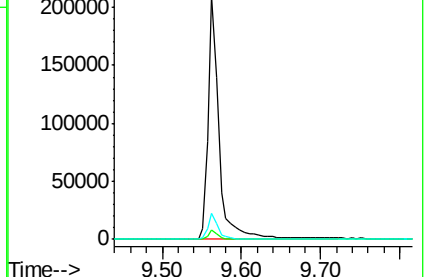
164 10.5 7.9 11.9



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: 6.232 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.19 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

Tgt Ion:165 Resp: 32362

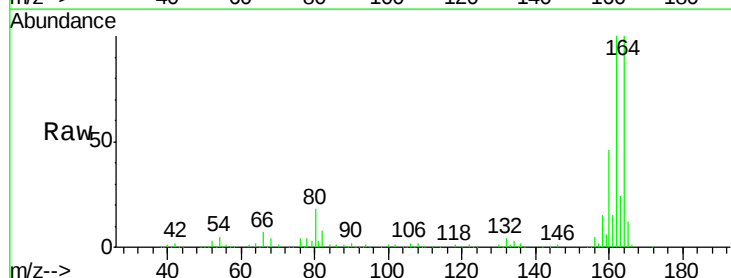
Ion Ratio Lower Upper

165 100

63 0.0 29.4 44.2#

89 1.3 53.4 80.0#

182 0.0 1.8 2.6#

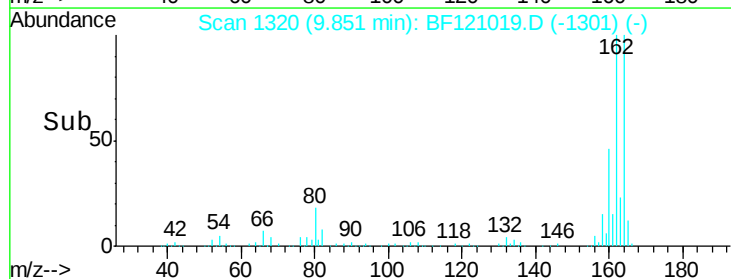
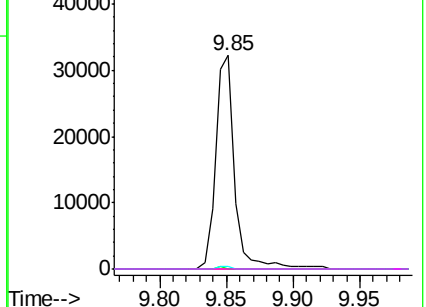


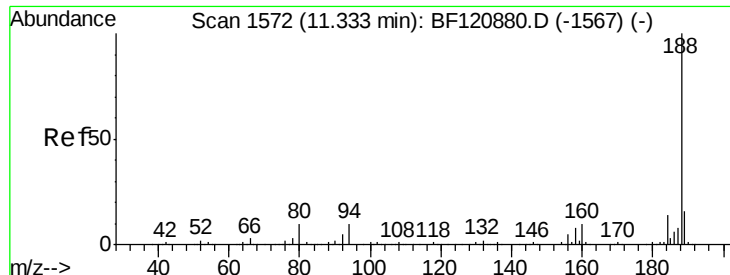
Abundance Ion 165.00 (164.70 to 165.70): E

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: BF121019.D

Acq: 24 Jul 2020 23:23

Instrument :

BNA_F

ClientSampleId :

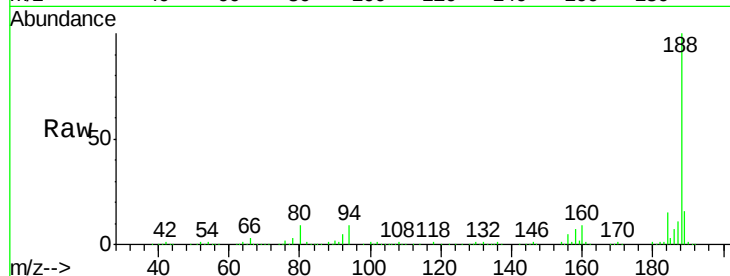
Tot Ion:188 Resp: 442072

Ion Ratio Lower Upper

188 100

94 8.9 8.0 12.0

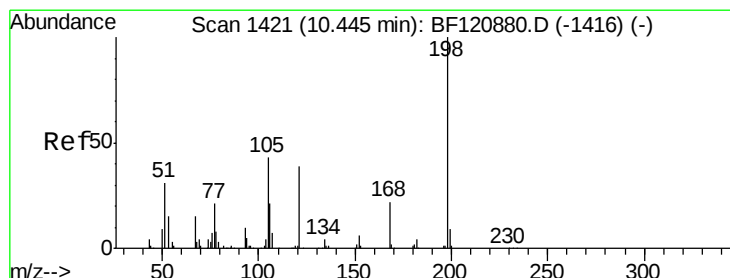
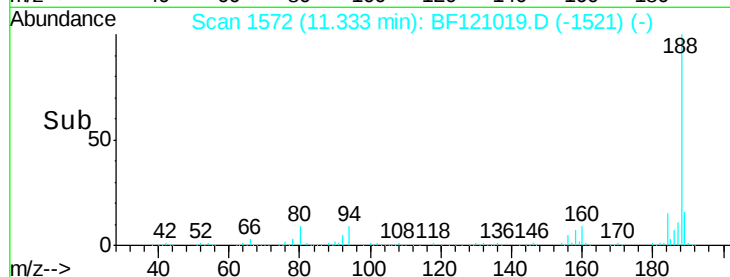
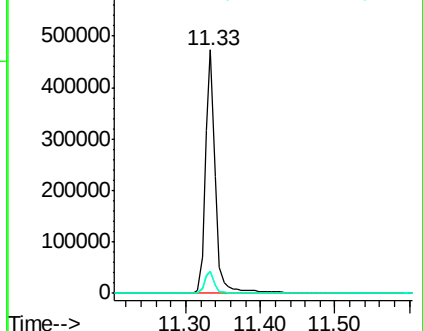
80 9.1 8.3 12.5



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: 3.957 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.19 min

Lab File: BF121019.D

Acq: 24 Jul 2020 23:23

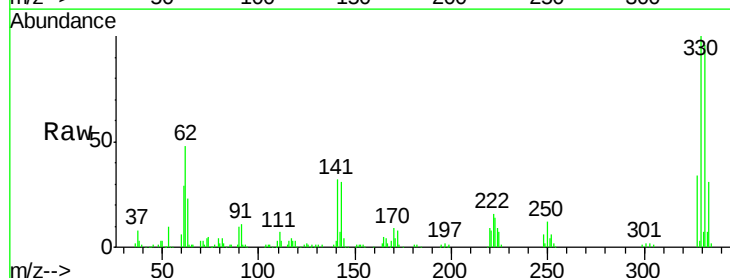
Tgt Ion:198 Resp: 319

Ion Ratio Lower Upper

198 100

51 193.2 19.5 59.5#

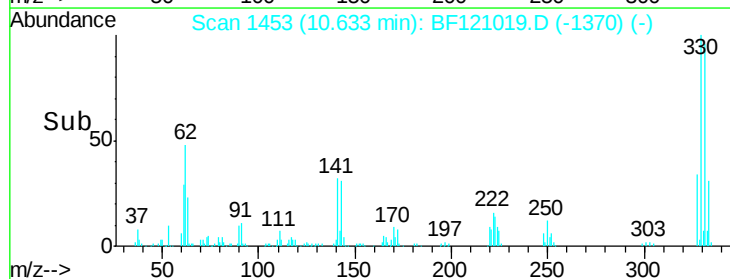
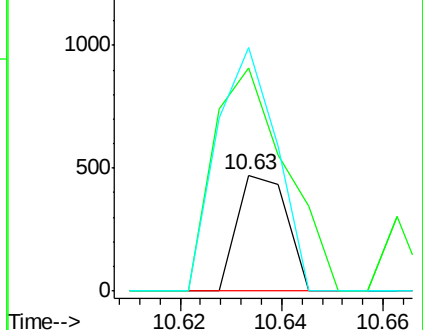
105 210.4 24.4 64.4#

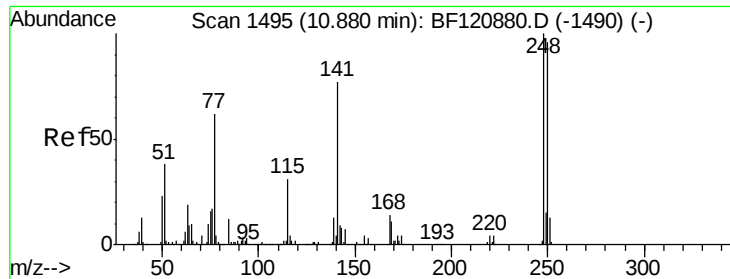


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

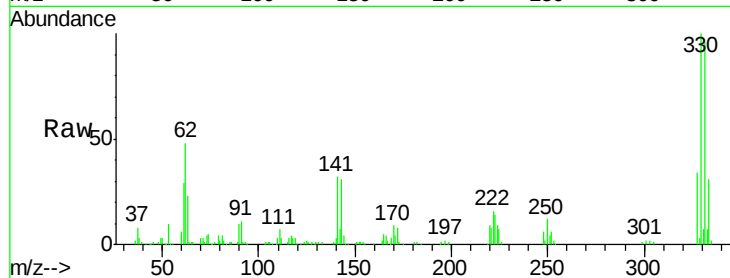




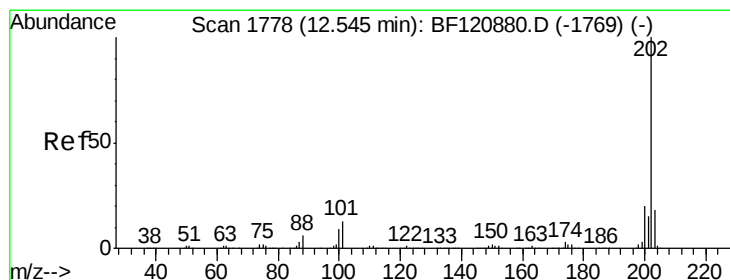
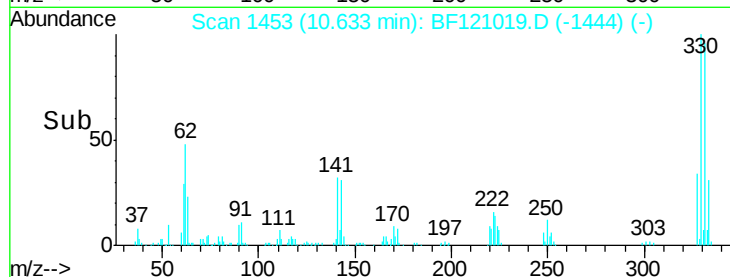
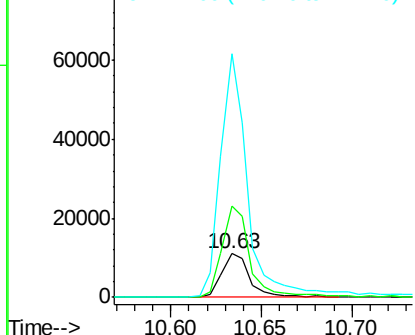
#67
4-Bromophenyl-phenylether
Concen: 2.403 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.25 min
Lab File: BF121019.D
Acq: 24 Jul 2020 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11844
Ion Ratio Lower Upper
248 100
250 209.8 77.1 115.7#
141 561.8 61.2 91.8#

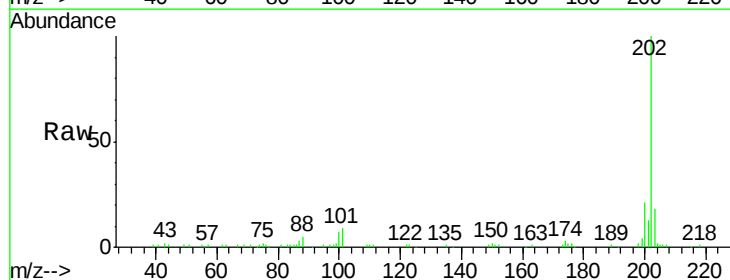


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

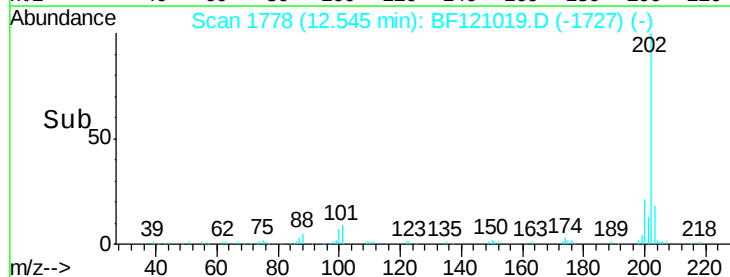
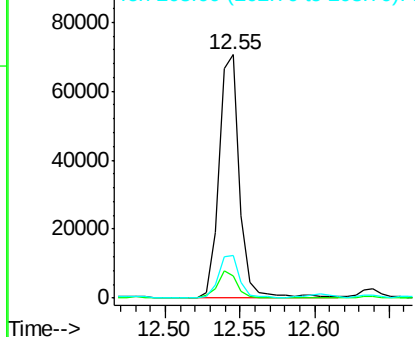


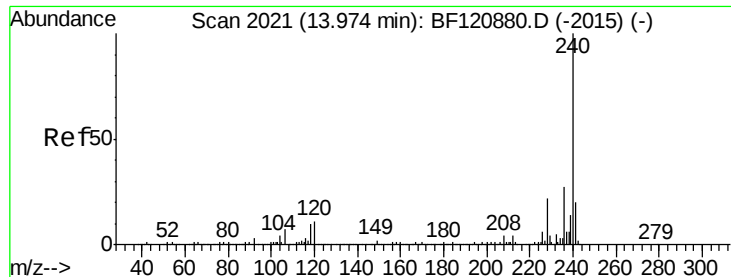
#75
Fluoranthene
Concen: 2.727 ng
RT: 12.55 min Scan# 1778
Delta R.T. 0.00 min
Lab File: BF121019.D
Acq: 24 Jul 2020 23:23

Tgt Ion:202 Resp: 68730
Ion Ratio Lower Upper
202 100
101 9.3 0.0 32.7
203 17.5 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

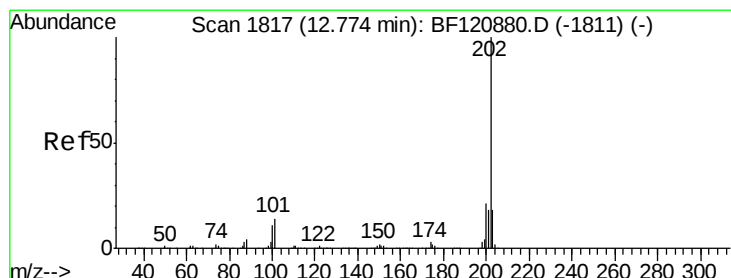
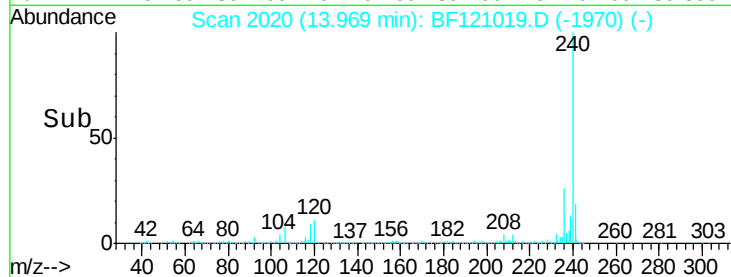
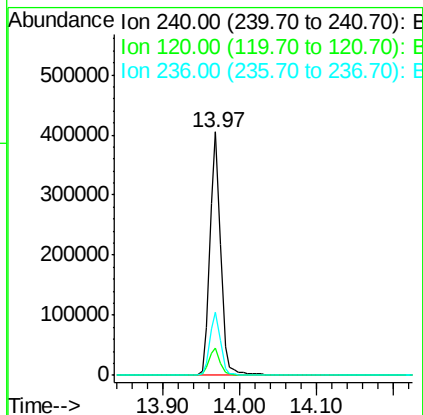
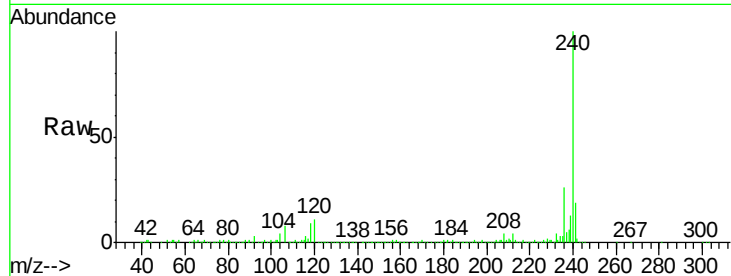




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121019.D
 Acq: 24 Jul 2020 23:23

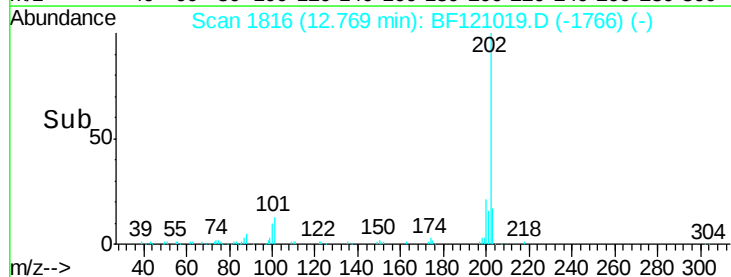
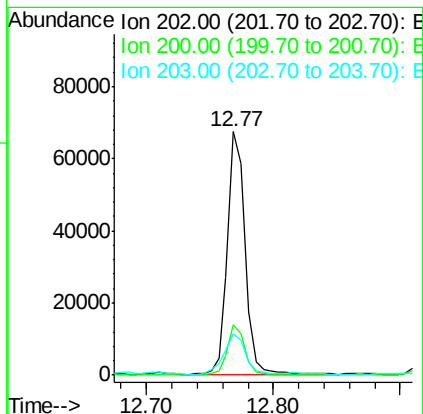
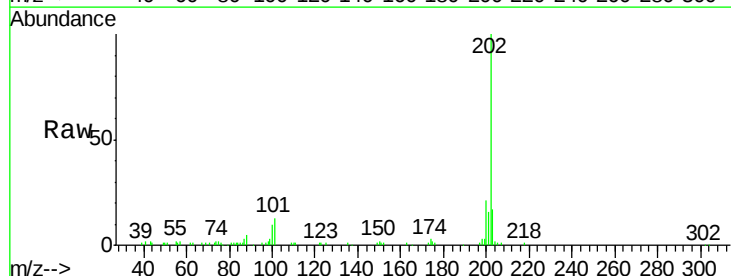
Instrument :
 BNA_F
 ClientSampleId :

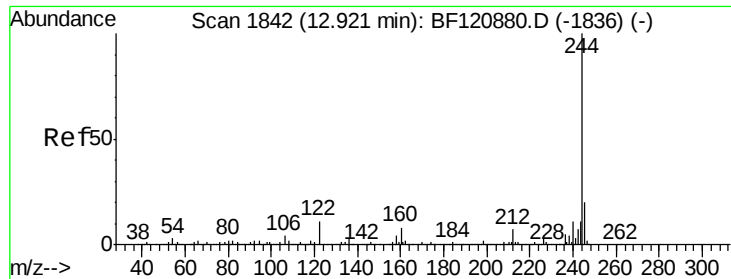
Tot Ion:240 Resp: 389091
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.0 13.4
 236 26.0 21.7 32.5



#78
 Pyrene
 Concen: 2.415 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF121019.D
 Acq: 24 Jul 2020 23:23

Tgt Ion:202 Resp: 66428
 Ion Ratio Lower Upper
 202 100
 200 20.5 17.0 25.4
 203 17.2 14.4 21.6

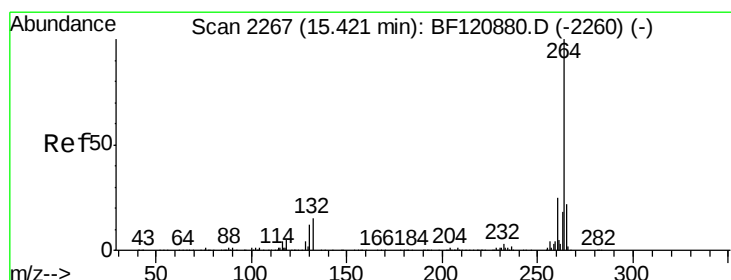
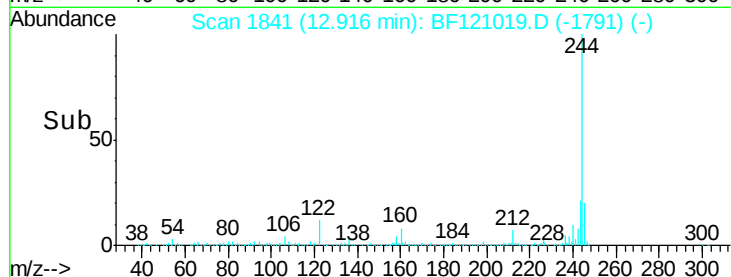
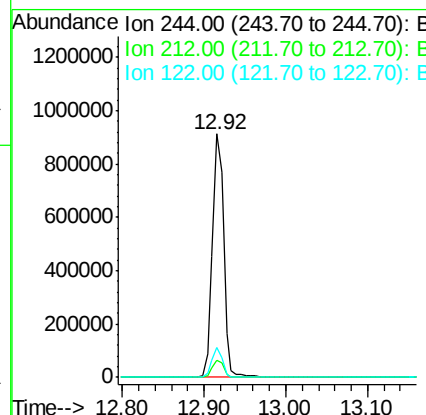
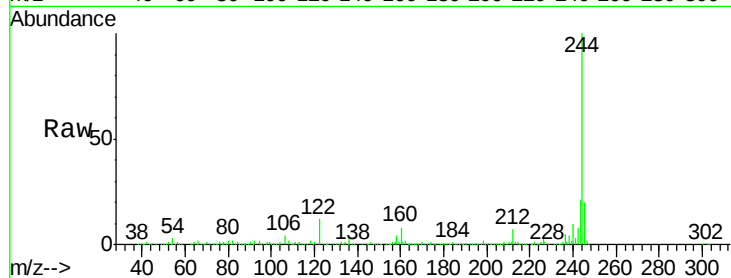




#79
 Terphenyl-d14
 Concen: 49.232 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF121019.D
 Acq: 24 Jul 2020 23:23

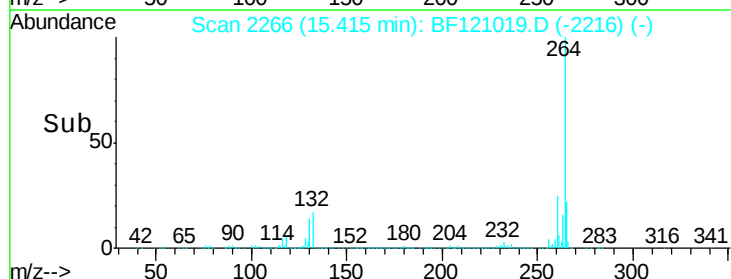
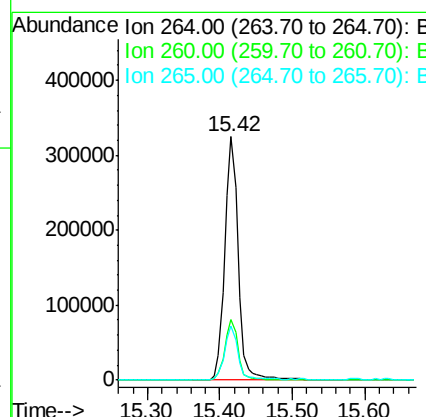
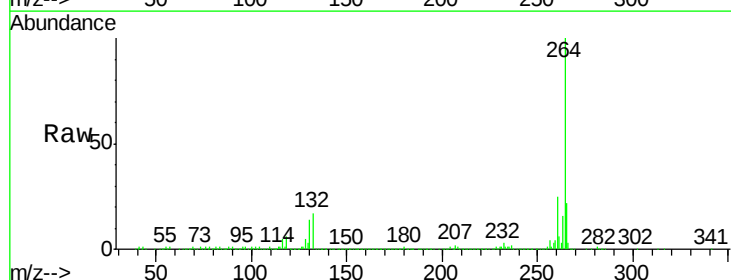
Instrument :
 BNA_F
 ClientSampleId :

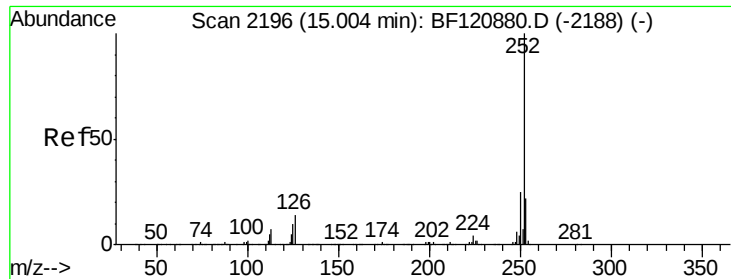
Tot Ion:244 Resp: 881222
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 12.2 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.01 min
 Lab File: BF121019.D
 Acq: 24 Jul 2020 23:23

Tgt Ion:264 Resp: 423874
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.0 30.0
 265 22.2 17.4 26.2

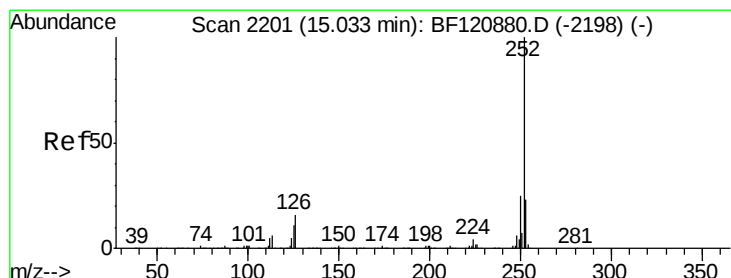
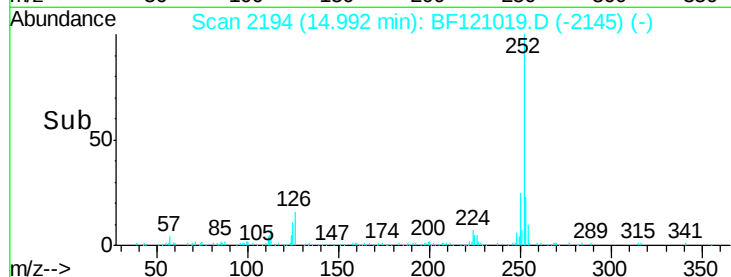
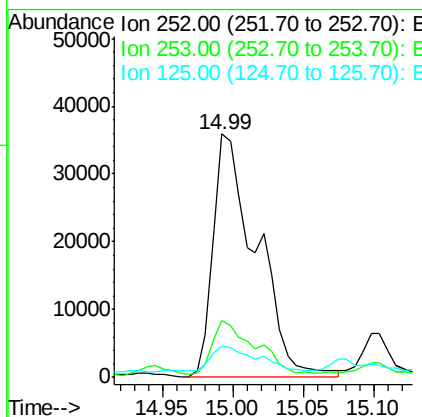
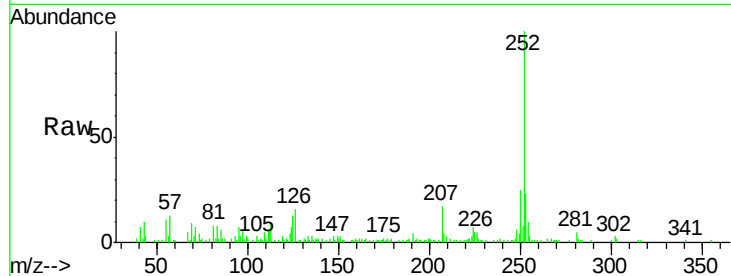




#88
Benzo(b)fluoranthene
Concen: 3.008 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BF121019.D
Acq: 24 Jul 2020 23:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 77060
Ion Ratio Lower Upper
252 100
253 23.3 18.0 27.0
125 12.9 8.3 12.5#



#89
Benzo(k)fluoranthene
Concen: 3.298 ng
RT: 14.99 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BF121019.D
Acq: 24 Jul 2020 23:23

Tgt Ion:252 Resp: 77060
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.2
125 12.9 8.4 12.6#

