

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121661.D
 Acq On : 23 Sep 2020 2:02
 Operator : JU/CG
 Sample : L4101-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0-6FT

Quant Time: Sep 23 05:29:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

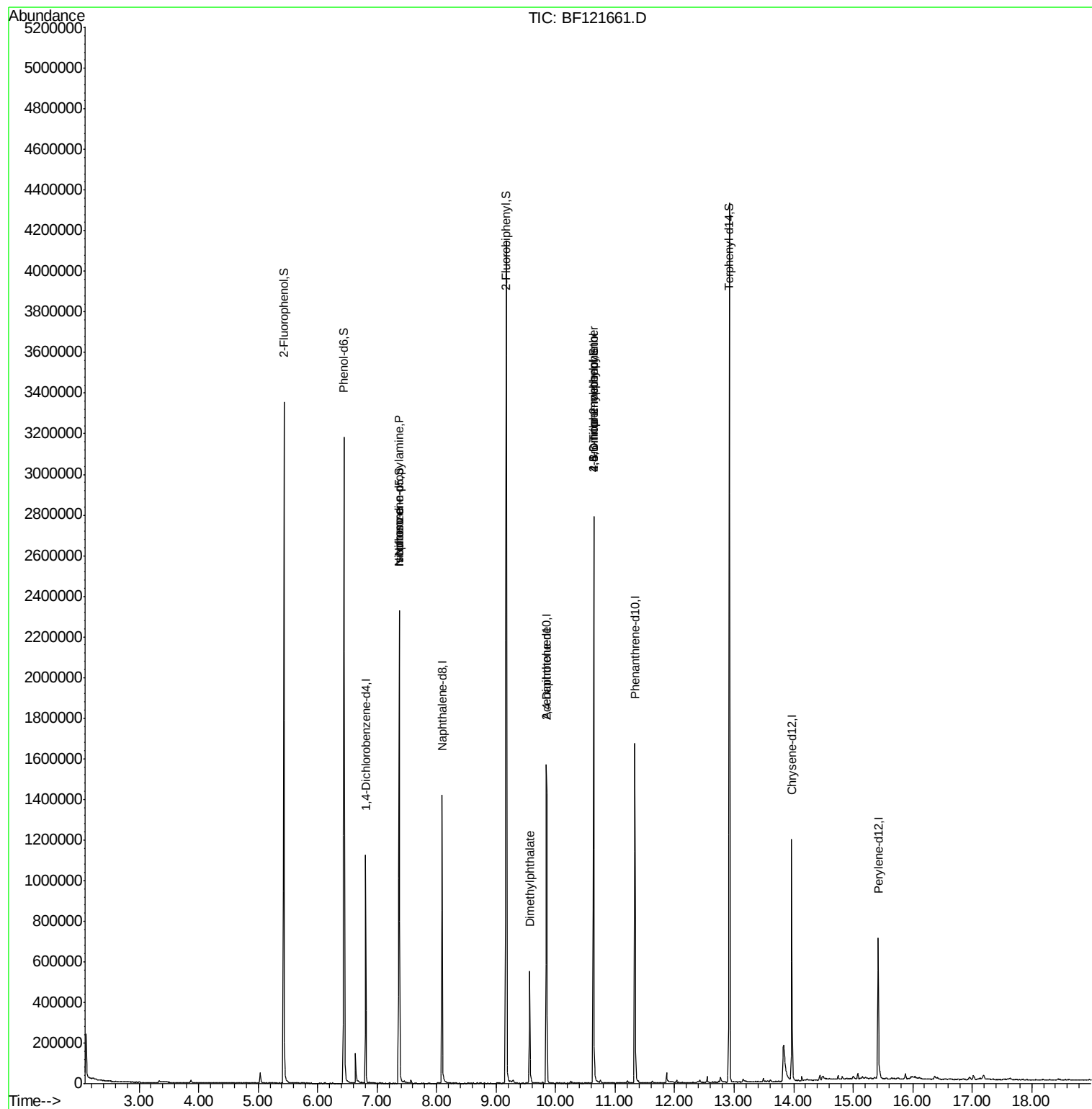
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	159050	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	627143	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	325812	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	604812	20.00	ng	0.00
76) Chrysene-d12	13.97	240	412827	20.00	ng	-0.01
86) Perylene-d12	15.42	264	315156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	890850	83.24	ng	0.00
7) Phenol-d6	6.45	99	1185253	84.41	ng	0.00
23) Nitrobenzene-d5	7.37	82	804557	68.88	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	372032	91.87	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1428763	66.42	ng	0.00
79) Terphenyl-d14	12.92	244	1437910	70.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	107257	13.255	ng	# 79
25) Isophorone	7.37	82	792781	33.717	ng	# 67
50) Dimethylphthalate	9.56	163	235057	9.954	ng	# 99
57) 2,4-Dinitrotoluene	9.85	165	41660	6.585	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.64	198	733	7.021	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	21957	3.189	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
Data File : BF121661.D
Acq On : 23 Sep 2020 2:02
Operator : JU/CG
Sample : L4101-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
0-6FT

Quant Time: Sep 23 05:29:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 22 17:53:26 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF121661.D

Acq: 23 Sep 2020 2:02

Instrument :

BNA_F

ClientSampled :

0-6FT

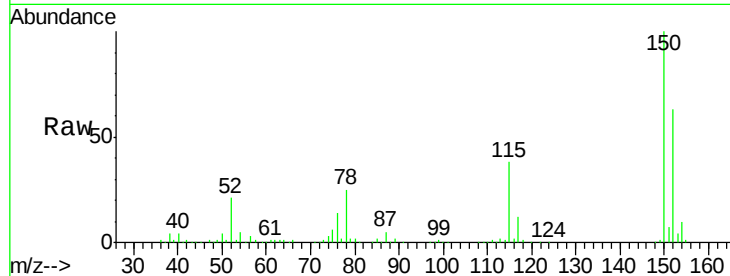
Tot Ion:152 Resp: 159050

Ion Ratio Lower Upper

152 100

150 159.1 128.1 192.1

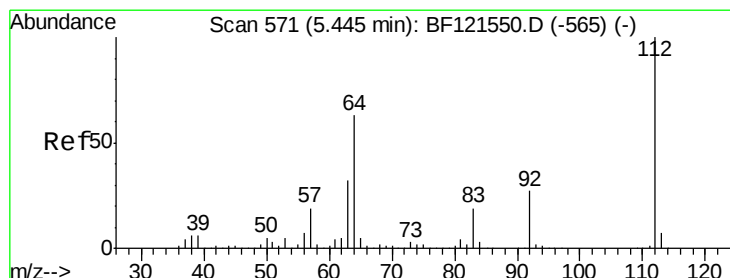
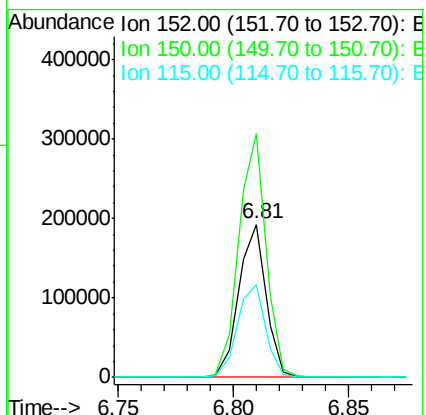
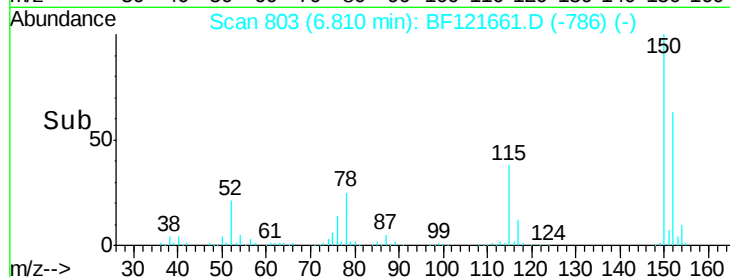
115 60.6 52.6 79.0



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: 83.239 ng

RT: 5.43 min Scan# 569

Delta R.T. 0.01 min

Lab File: BF121661.D

Acq: 23 Sep 2020 2:02

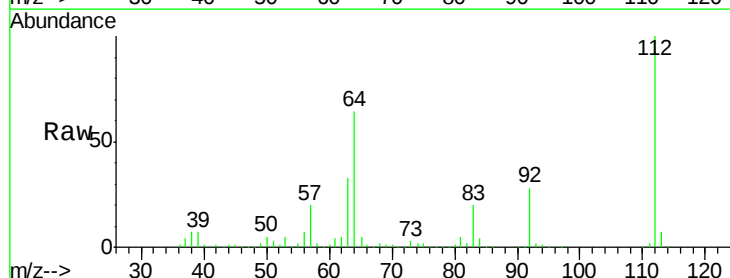
Tgt Ion:112 Resp: 890850

Ion Ratio Lower Upper

112 100

64 63.7 52.2 78.2

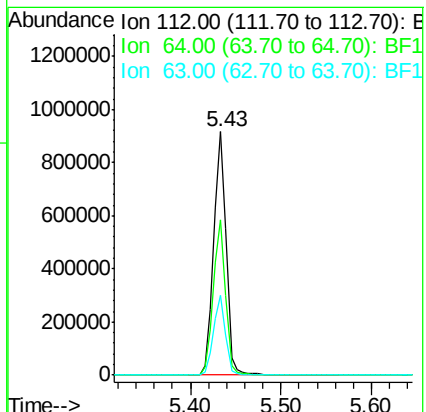
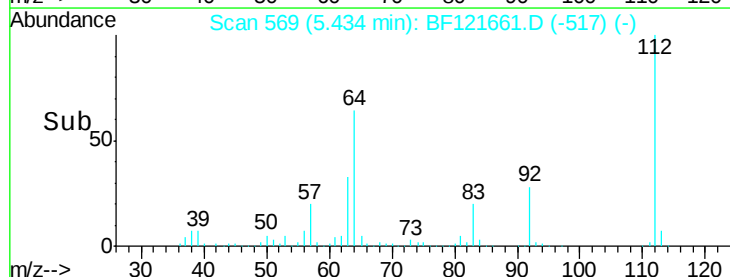
63 33.0 26.6 39.8

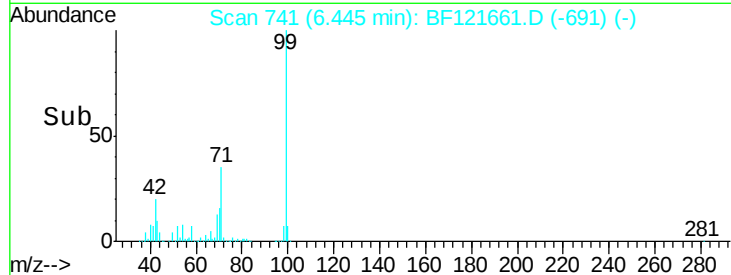
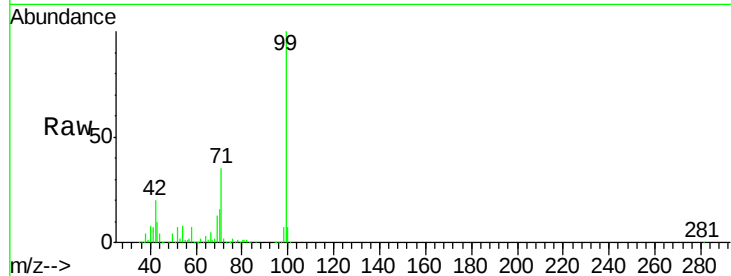


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 84.415 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF121661.D

Acq: 23 Sep 2020 2:02

Instrument :

BNA_F

ClientSampleId :

0-6FT

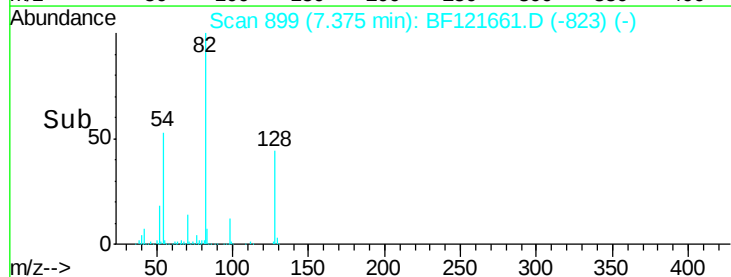
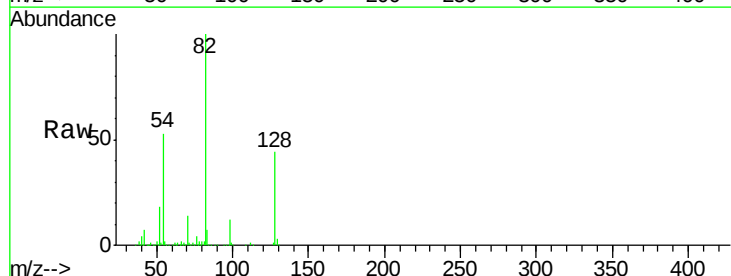
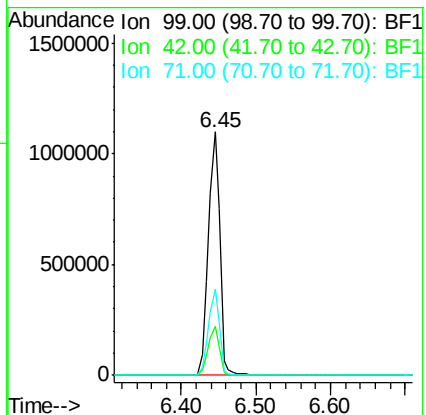
Tot Ion: 99 Resp: 1185253

Ion Ratio Lower Upper

99 100

42 20.1 15.5 23.3

71 35.5 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.255 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121661.D

Acq: 23 Sep 2020 2:02

Tgt Ion: 70 Resp: 107257

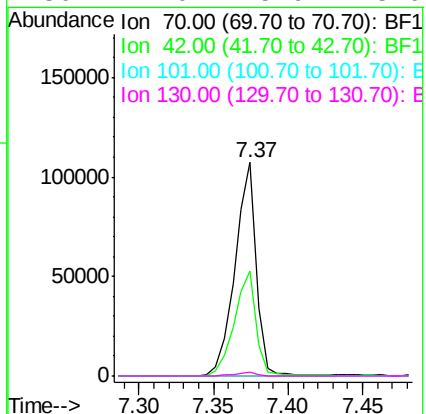
Ion Ratio Lower Upper

70 100

42 49.2 48.3 72.5

101 0.0 7.6 11.4#

130 2.0 15.9 23.9#

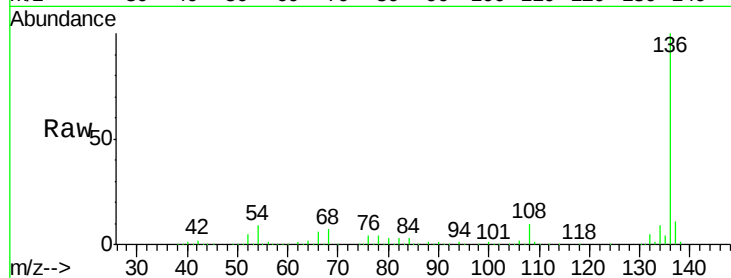




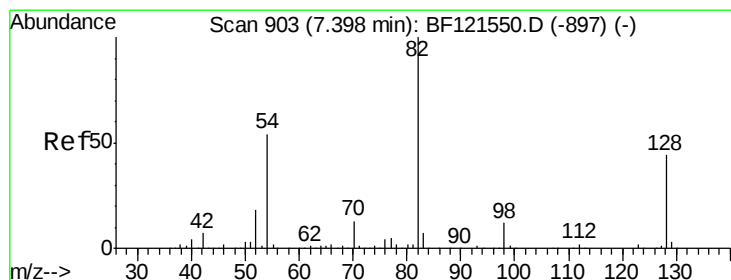
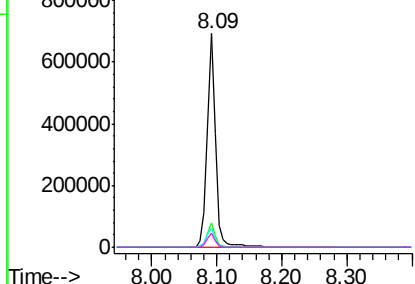
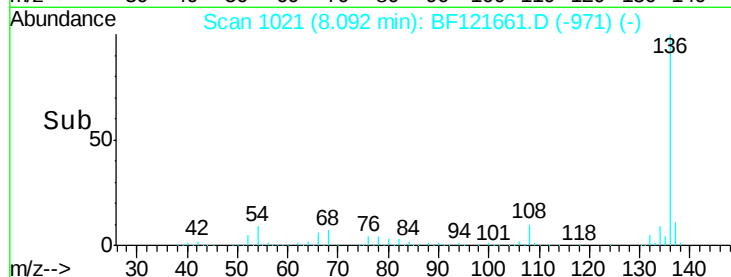
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121661.D
Acq: 23 Sep 2020 2:02

Instrument :
BNA_F
ClientSampled :
0-6FT

Tot Ion:136	Resp:	627143
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.0	7.4 11.0
68	6.7	5.3 7.9

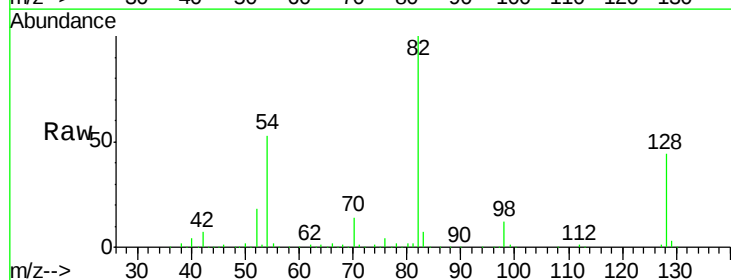


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

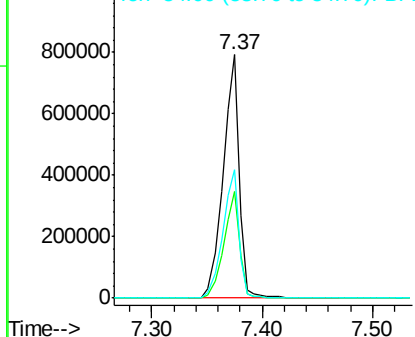
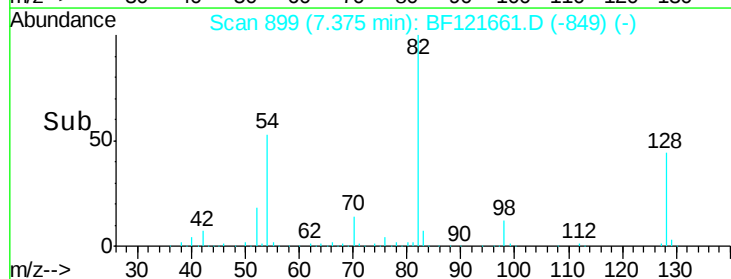


#23
Nitrobenzene-d5
Concen: 68.881 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121661.D
Acq: 23 Sep 2020 2:02

Tgt Ion: 82	Resp:	804557
Ion Ratio	Lower	Upper
82	100	
128	43.9	33.9 50.9
54	52.5	42.9 64.3



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: 33.717 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121661.D

Acq: 23 Sep 2020 2:02

Instrument :

BNA_F

ClientSampled :

0-6FT

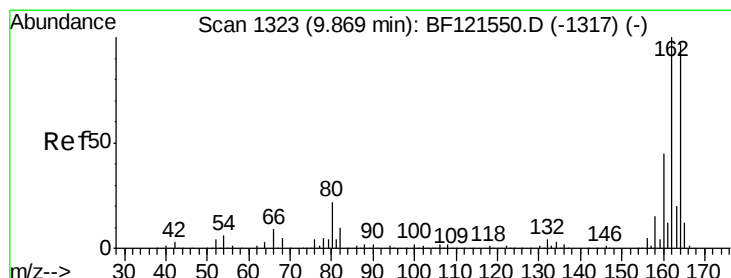
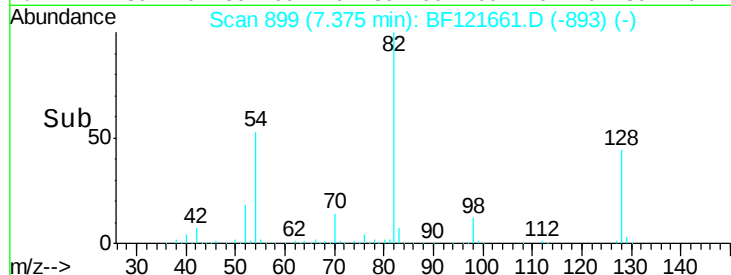
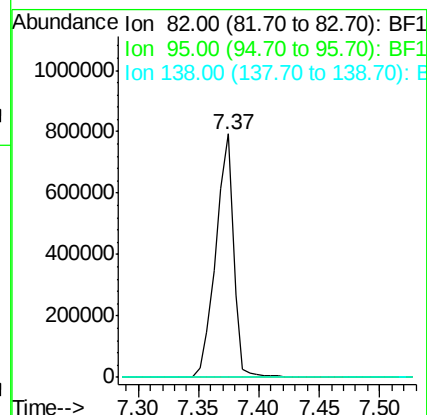
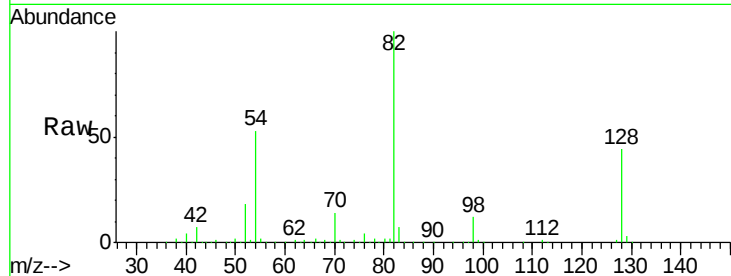
Tot Ion: 82 Resp: 792781

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121661.D

Acq: 23 Sep 2020 2:02

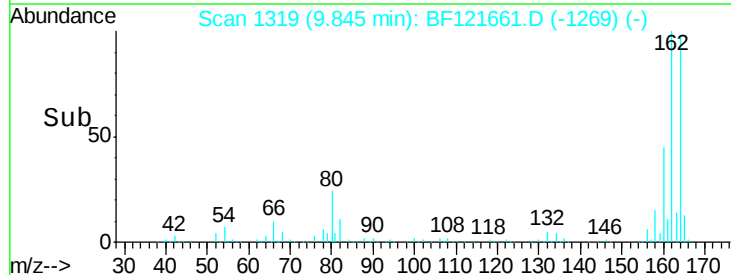
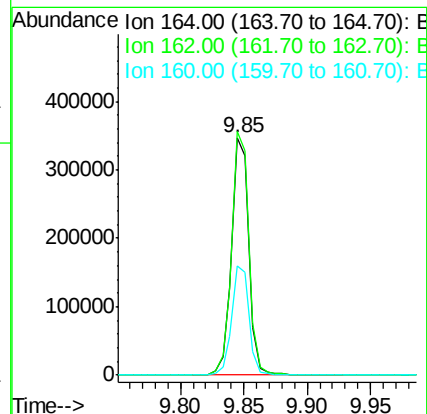
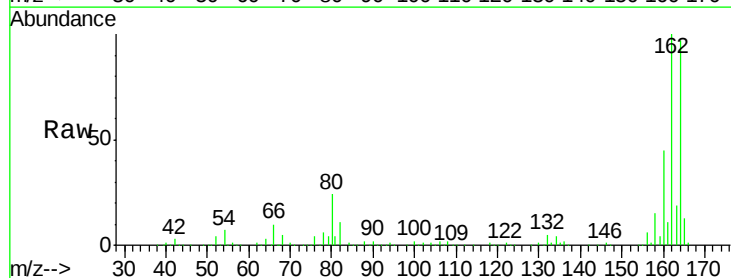
Tgt Ion: 164 Resp: 325812

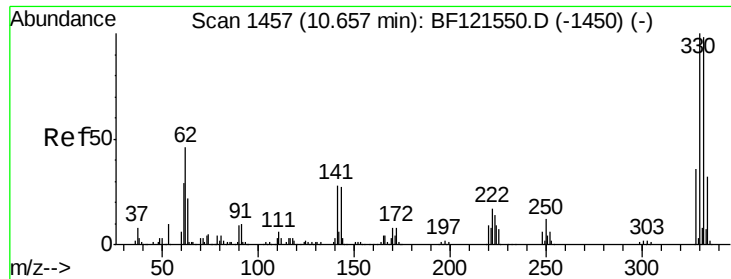
Ion Ratio Lower Upper

164 100

162 102.6 81.2 121.8

160 46.2 36.2 54.4

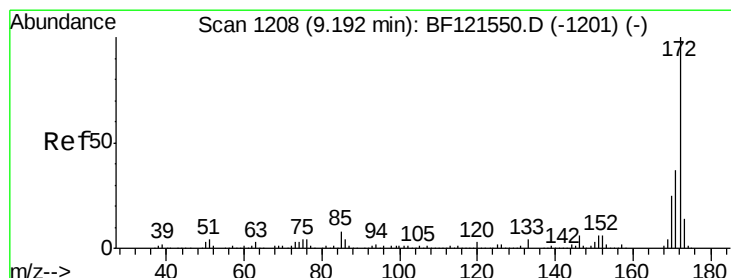
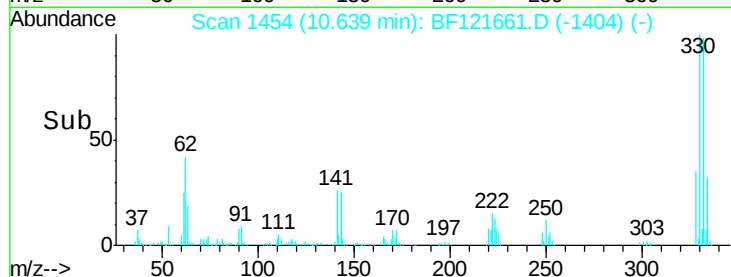
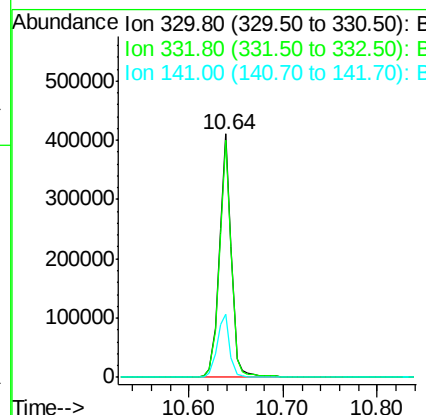
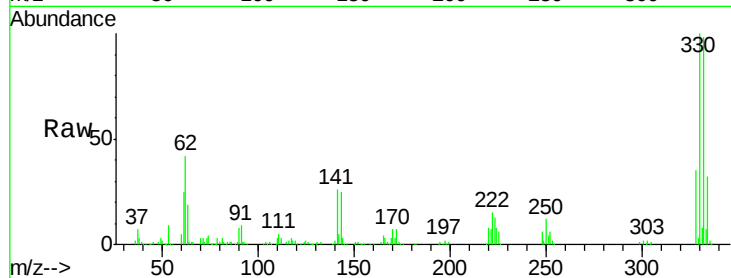




#42
 2,4,6-Tribromophenol
 Concen: 91.873 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121661.D
 Acq: 23 Sep 2020 2:02

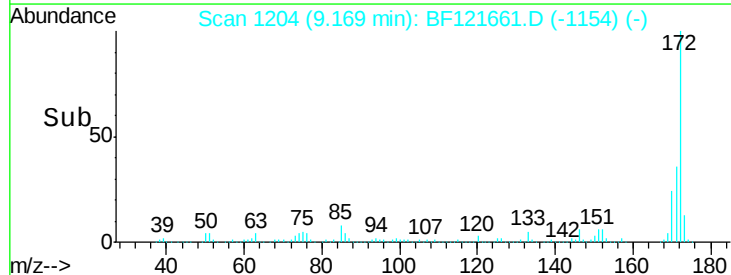
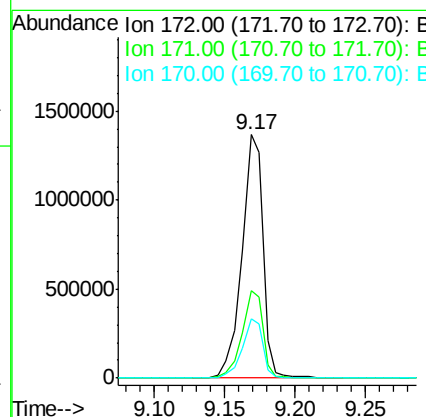
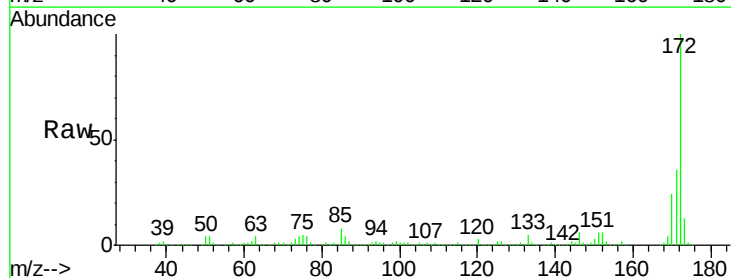
Instrument :
 BNA_F
 ClientSampled :
 0-6FT

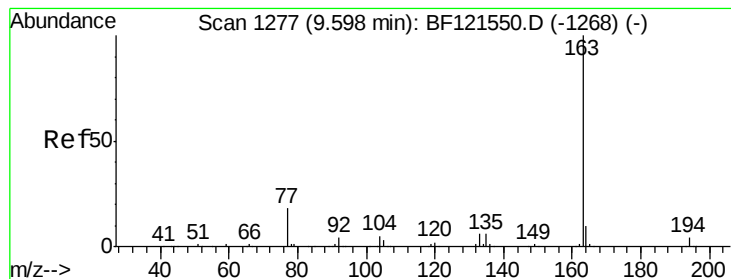
Tot Ion:330 Resp: 372032
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.9 115.3
 141 28.0 22.4 33.6



#45
 2-Fluorobiphenyl
 Concen: 66.416 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF121661.D
 Acq: 23 Sep 2020 2:02

Tgt Ion:172 Resp: 1428763
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.3 43.9
 170 24.4 19.5 29.3





#50

Dimethylphthalate

Concen: 9.954 ng

RT: 9.56 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF121661.D

Acq: 23 Sep 2020 2:02

Instrument :

BNA_F

ClientSampleId :

0-6FT

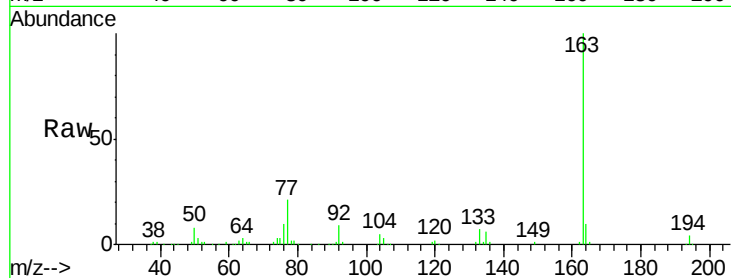
Tot Ion:163 Resp: 235057

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

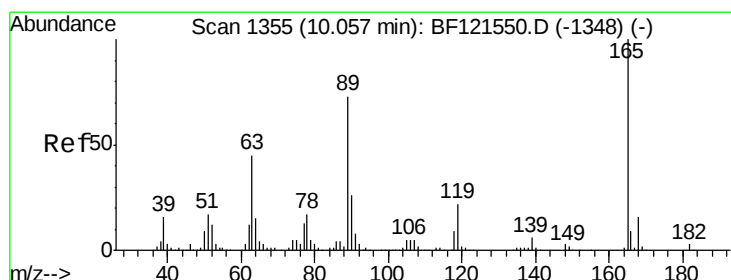
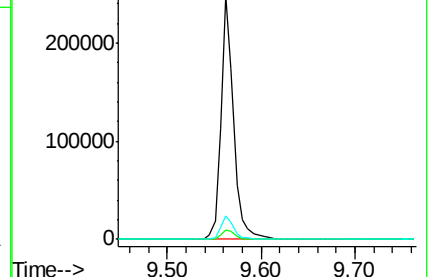
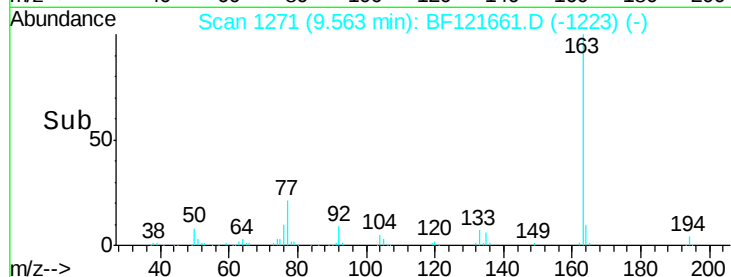
164 9.8 8.0 12.0



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: 6.585 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.20 min

Lab File: BF121661.D

Acq: 23 Sep 2020 2:02

Tgt Ion:165 Resp: 41660

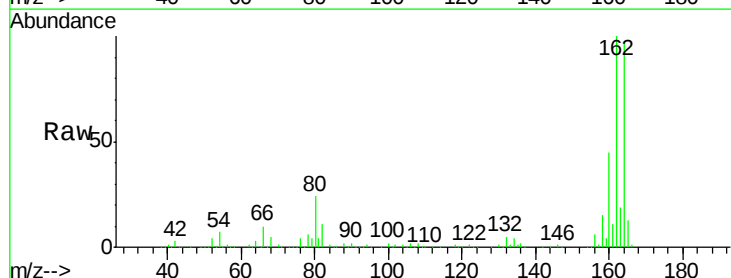
Ion Ratio Lower Upper

165 100

63 1.3 36.7 55.1#

89 1.3 57.7 86.5#

182 0.0 2.1 3.1#

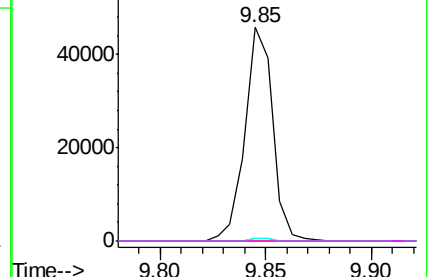
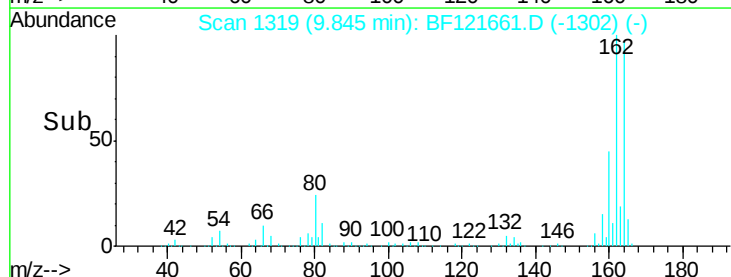


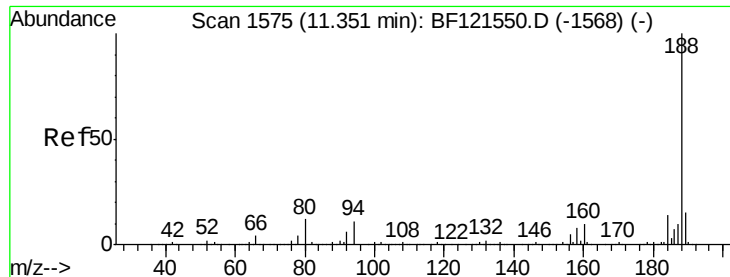
Abundance Ion 165.00 (164.70 to 165.70): E

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

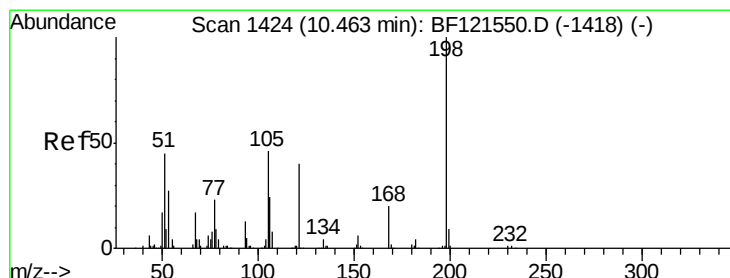
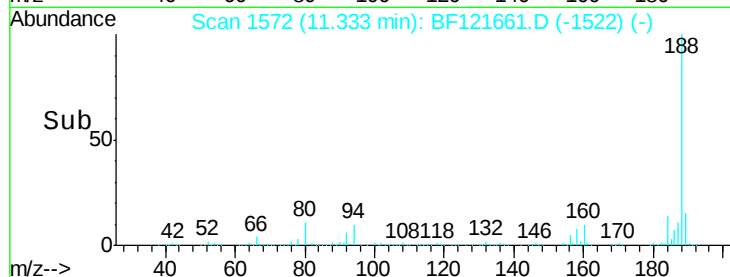
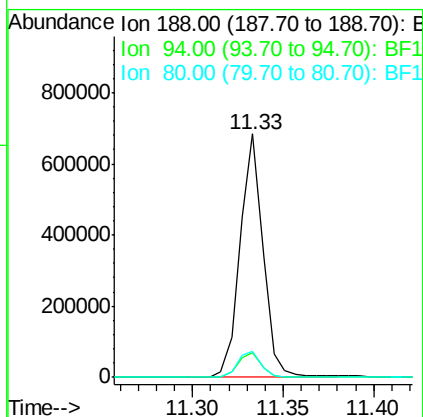
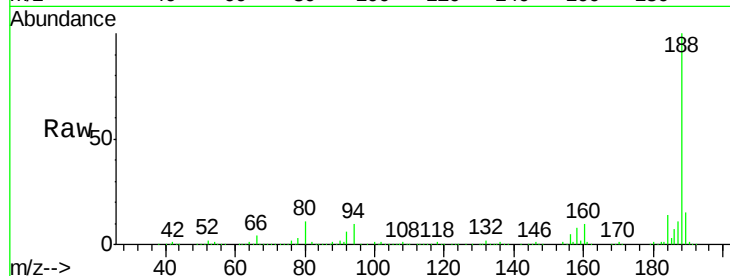




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF121661.D
 Acq: 23 Sep 2020 2:02

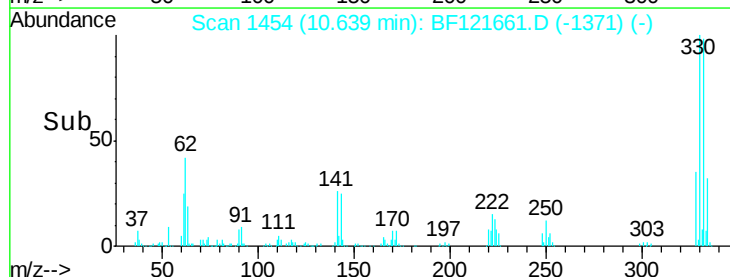
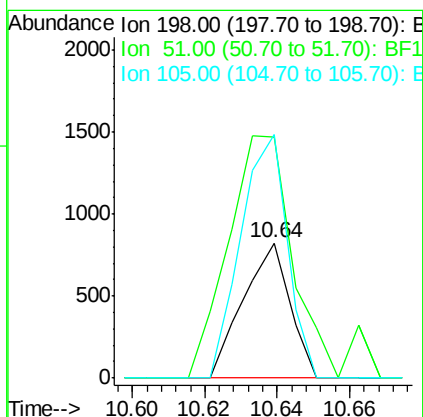
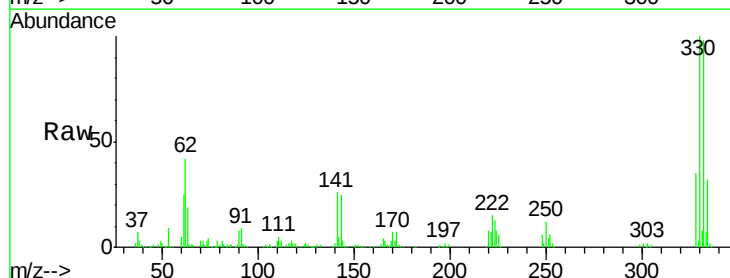
Instrument :
 BNA_F
 ClientSampleId :
 0-6FT

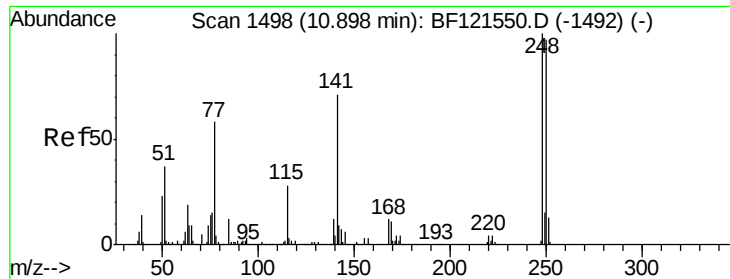
Tot Ion:188 Resp: 604812
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.4 12.6
 80 10.5 9.0 13.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.021 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121661.D
 Acq: 23 Sep 2020 2:02

Tgt Ion:198 Resp: 733
 Ion Ratio Lower Upper
 198 100
 51 178.9 20.3 60.3#
 105 180.3 20.2 60.2#

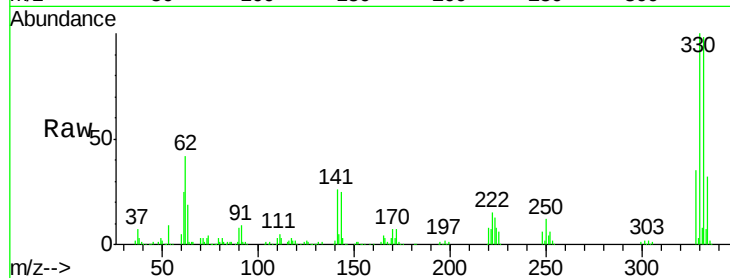




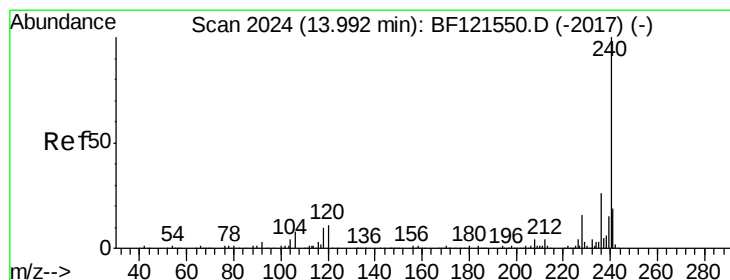
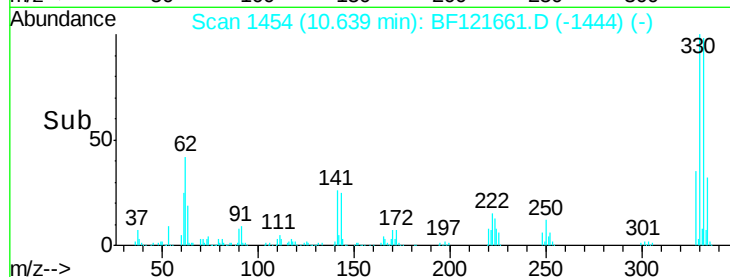
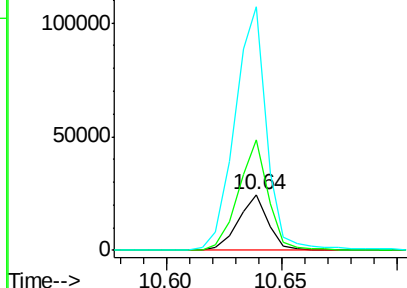
#67
4-Bromophenyl-phenylether
Concen: 3.189 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121661.D
Acq: 23 Sep 2020 2:02

Instrument :
BNA_F
ClientSampled :
0-6FT

Tot Ion:248 Resp: 21957
Ion Ratio Lower Upper
248 100
250 197.3 79.4 119.0#
141 435.4 52.2 78.4#

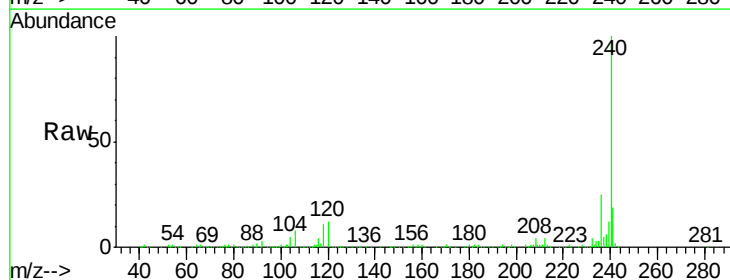


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

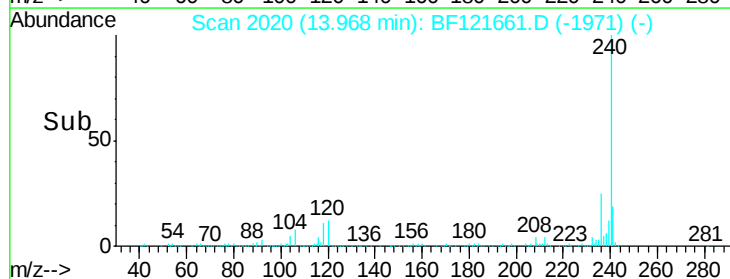
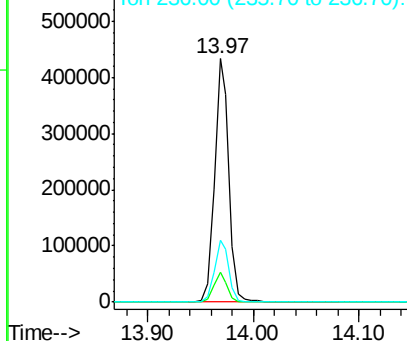


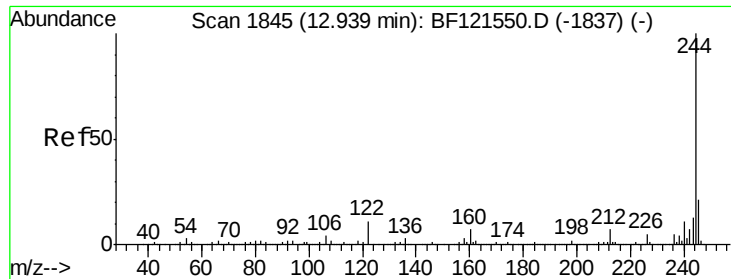
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121661.D
Acq: 23 Sep 2020 2:02

Tgt Ion:240 Resp: 412827
Ion Ratio Lower Upper
240 100
120 12.3 9.2 13.8
236 25.5 20.4 30.6



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

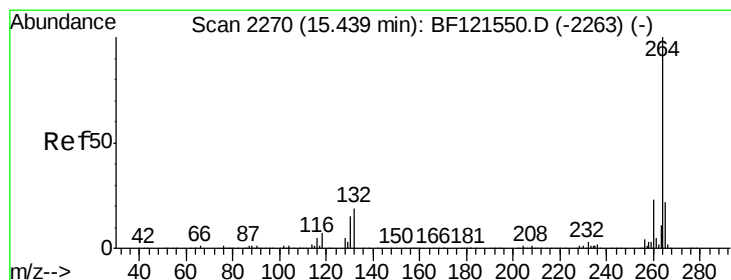
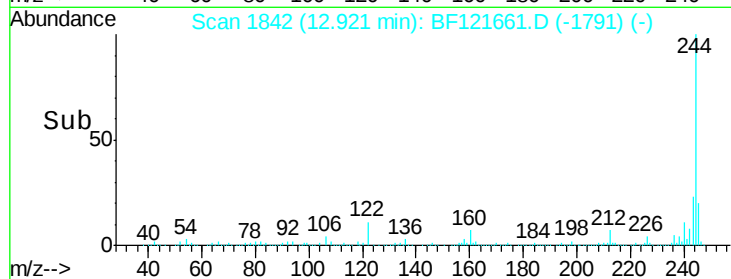
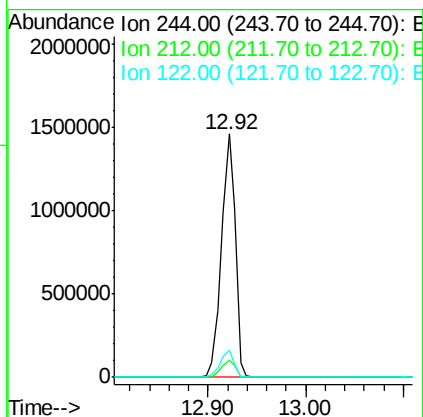
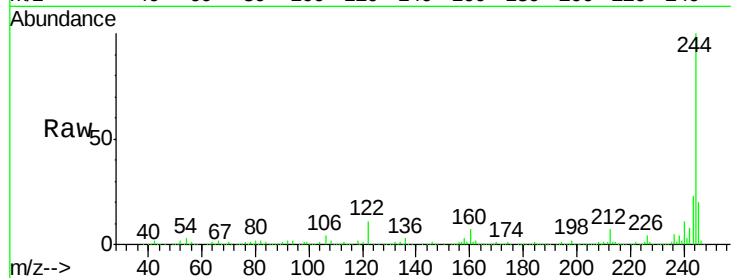




#79
 Terphenyl-d14
 Concen: 70.564 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF121661.D
 Acq: 23 Sep 2020 2:02

Instrument :
 BNA_F
 ClientSampleId :
 0-6FT

Tot Ion:244 Resp: 1437910
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 11.1 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BF121661.D
 Acq: 23 Sep 2020 2:02

Tgt Ion:264 Resp: 315156
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.3 17.3 25.9

