

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
 Data File : BF118753.D
 Acq On : 30 Jan 2020 16:03
 Operator : CG/JU
 Sample : PB126456BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 30 22:08:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

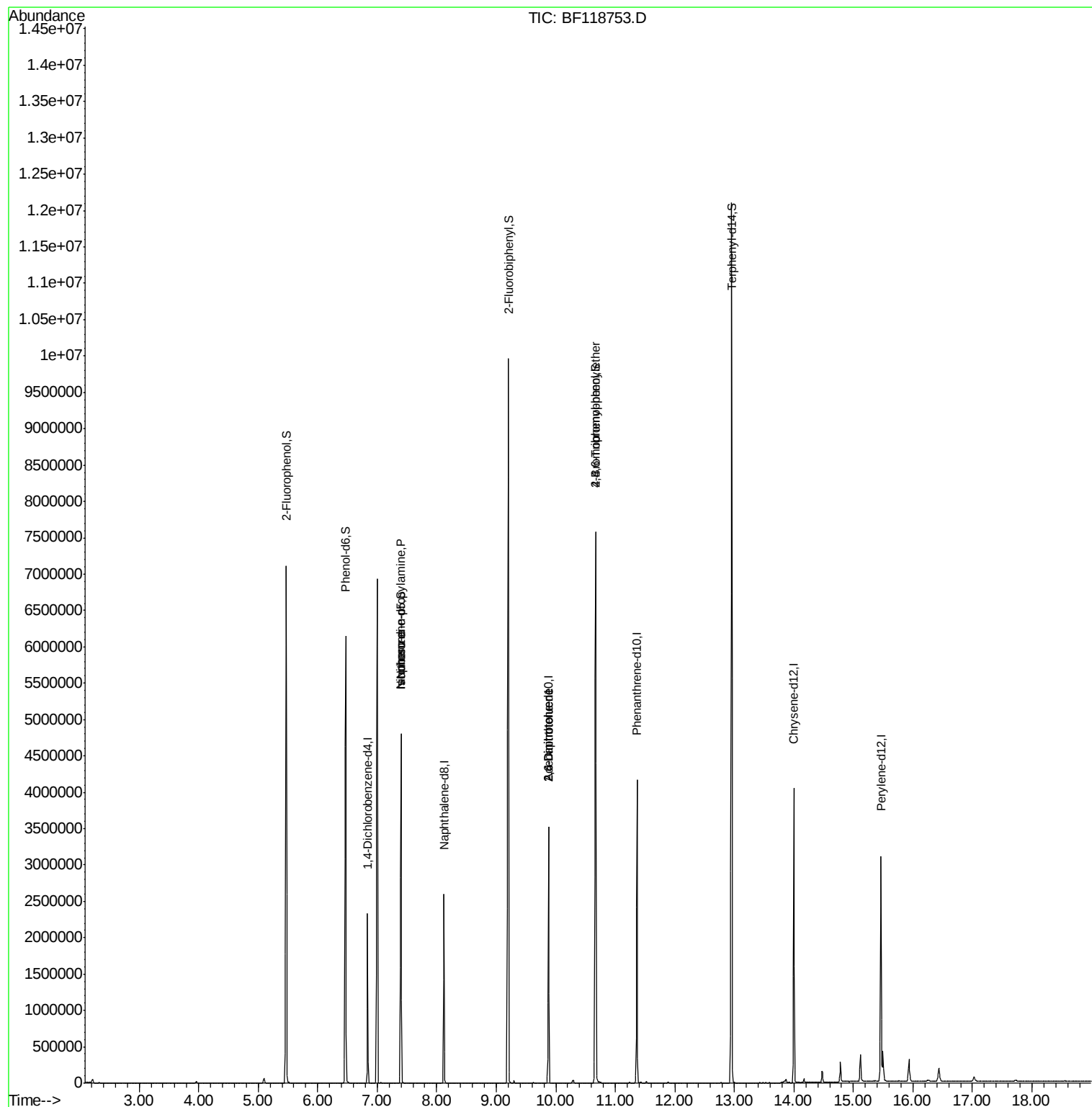
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	340856	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1304620	20.00	ng	-0.02
39) Acenaphthene-d10	9.88	164	763106	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	1498976	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	1403721	20.00	ng	-0.02
87) Perylene-d12	15.46	264	1501410	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	2281621	124.32	ng	0.00
7) Phenol-d6	6.47	99	2829254	118.61	ng	-0.02
23) Nitrobenzene-d5	7.40	82	1879316	80.57	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	1181191	133.83	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	3676053	79.18	ng	-0.02
79) Terphenyl-d14	12.96	244	4993149	77.58	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	256094	15.900	ng	# 77
25) Isophorone	7.40	82	1872357	44.012	ng	# 63
51) 2,6-Dinitrotoluene	9.88	165	100235	9.003	ng	# 28
57) 2,4-Dinitrotoluene	9.88	165	100235	7.142	ng	# 30
67) 4-Bromophenyl-phenylether	10.67	248	76080	4.108	ng	# 1

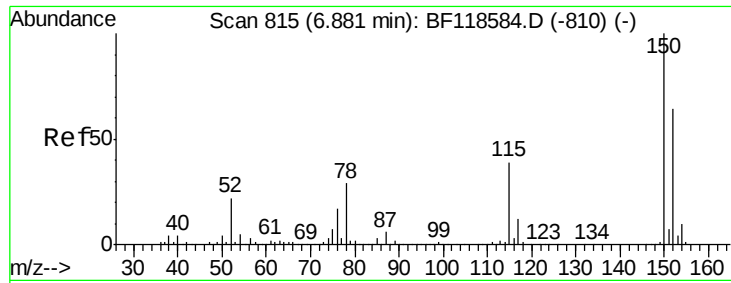
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118753.D
Acq On : 30 Jan 2020 16:03
Operator : CG/JU
Sample : PB126456BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 30 22:08:00 2020
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Response via : Initial Calibration

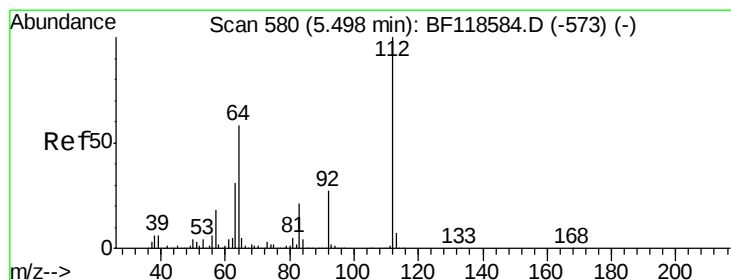
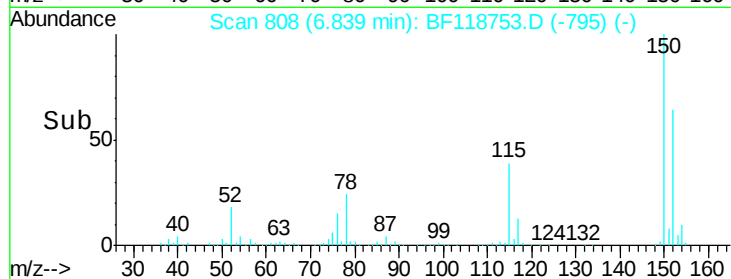
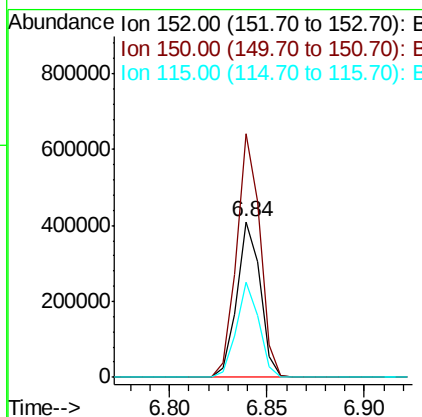
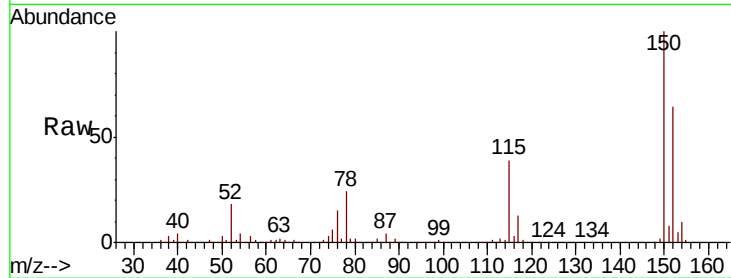




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.02 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

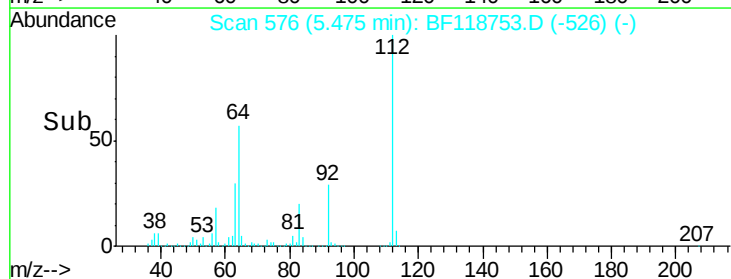
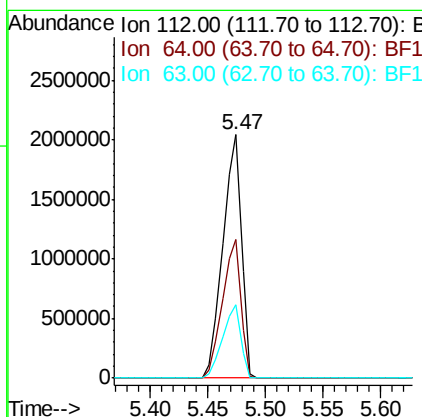
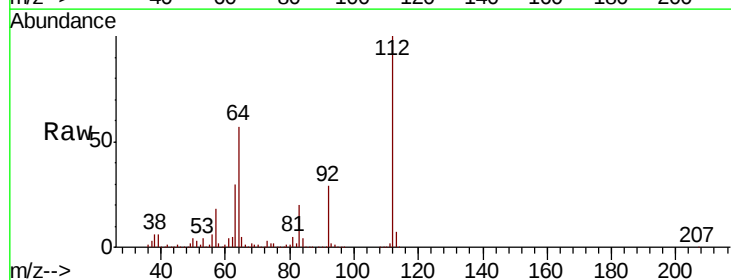
Instrument :
 BNA_F
 ClientSampleId :

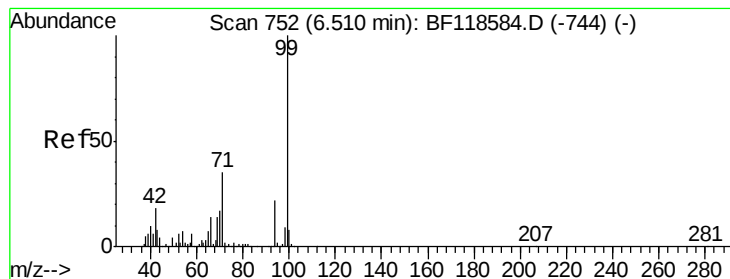
Tot Ion:152 Resp: 340856
 Ion Ratio Lower Upper
 152 100
 150 156.5 123.7 185.5
 115 60.9 45.1 67.7



#5
 2-Fluorophenol
 Concen: 124.321 ng
 RT: 5.47 min Scan# 576
 Delta R.T. -0.01 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Tgt Ion:112 Resp: 2281621
 Ion Ratio Lower Upper
 112 100
 64 57.0 42.4 63.6
 63 30.1 21.7 32.5





#7

Phenol-d6

Concen: 118.608 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.02 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

Instrument :

BNA_F

ClientSampled :

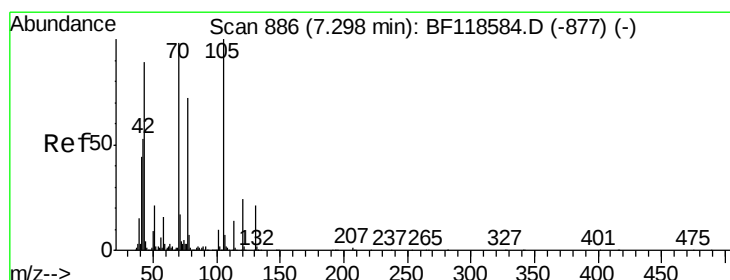
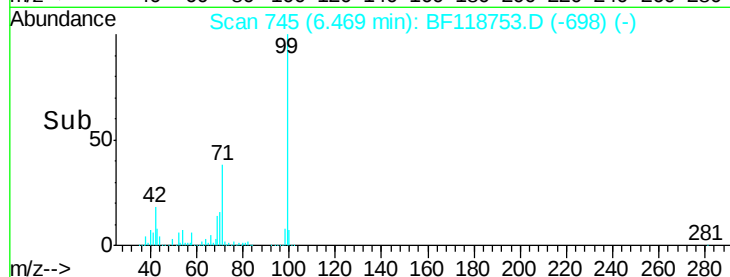
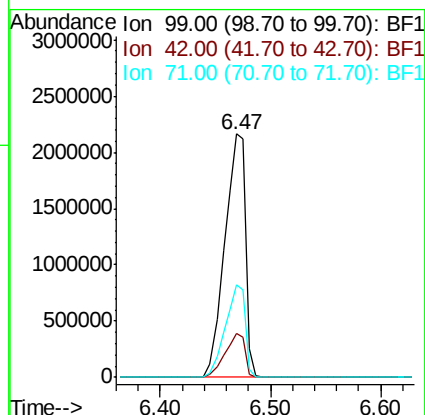
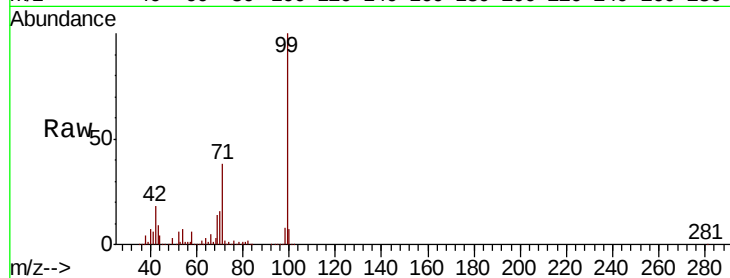
Tot Ion: 99 Resp: 2829254

Ion Ratio Lower Upper

99 100

42 18.0 13.1 19.7

71 38.0 28.4 42.6



#19

n-Nitroso-di-n-propylamine

Concen: 15.900 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.13 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

Tgt Ion: 70 Resp: 256094

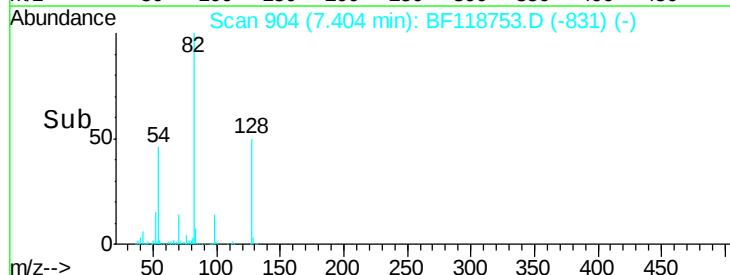
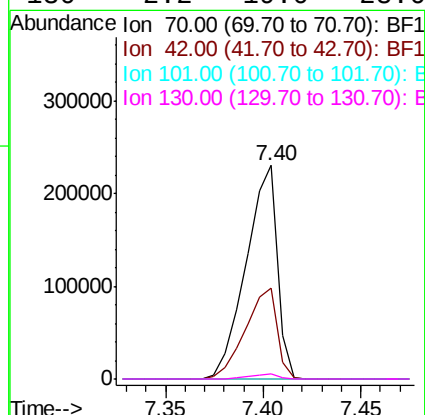
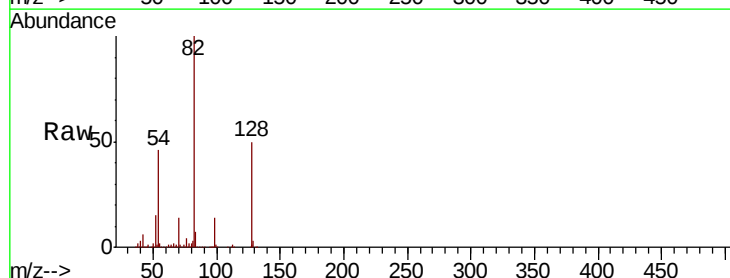
Ion Ratio Lower Upper

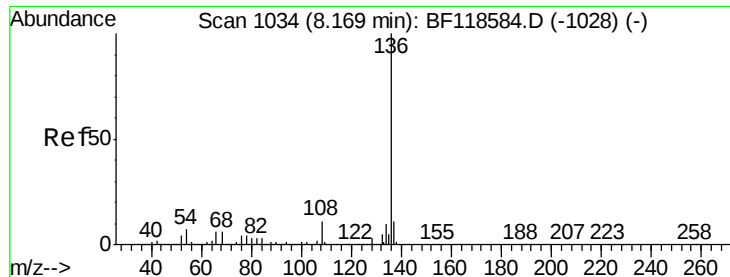
70 100

42 42.6 41.6 62.4

101 0.0 7.9 11.9#

130 2.2 19.0 28.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 1304620

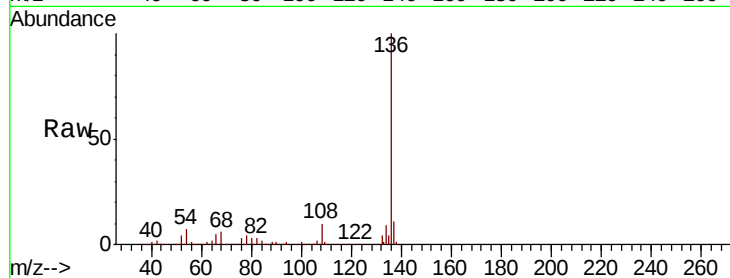
Ion Ratio Lower Upper

136 100

137 11.4 8.9 13.3

54 6.9 5.1 7.7

68 6.2 4.3 6.5

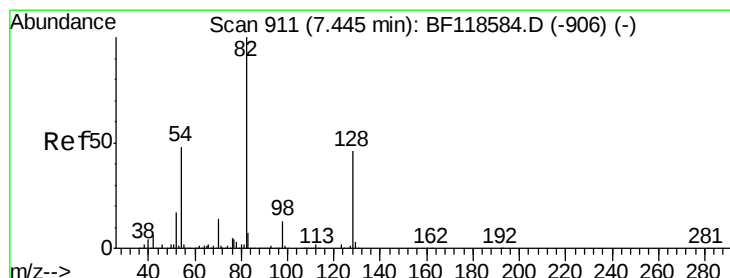
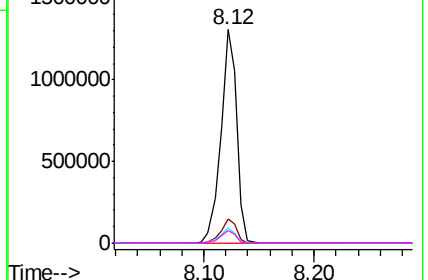
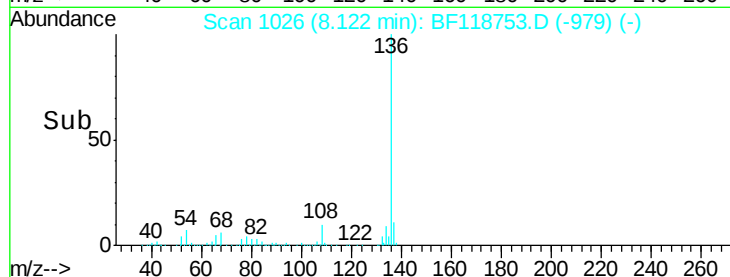


Abundance Ion 136.00 (135.70 to 136.70): E

2000000 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: 80.573 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

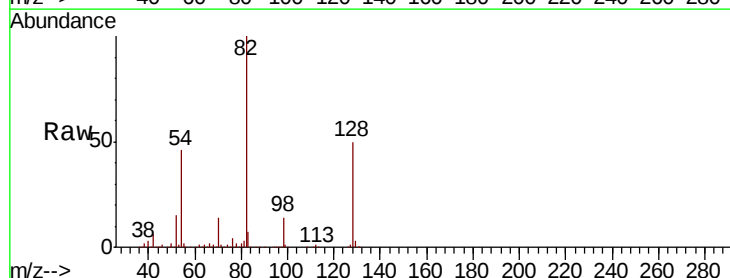
Tgt Ion: 82 Resp: 1879316

Ion Ratio Lower Upper

82 100

128 49.6 38.2 57.2

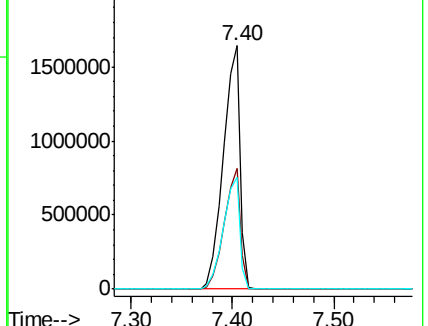
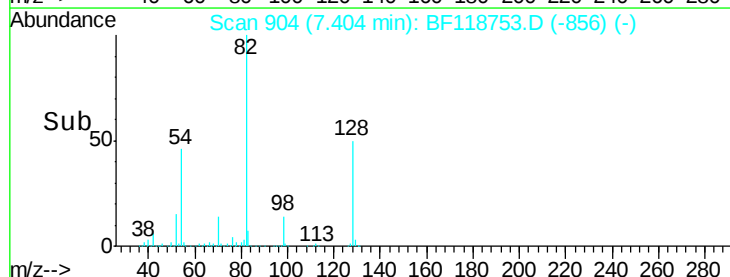
54 45.7 36.1 54.1



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: 44.012 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.28 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

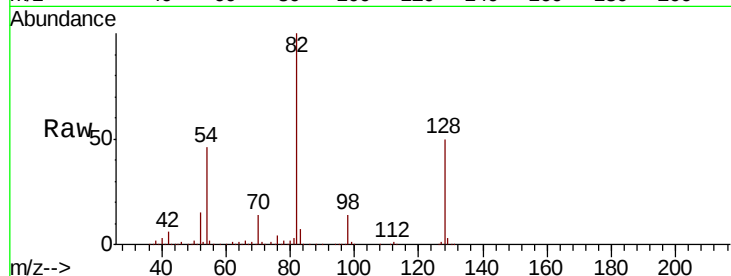
Tot Ion: 82 Resp: 1872357

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

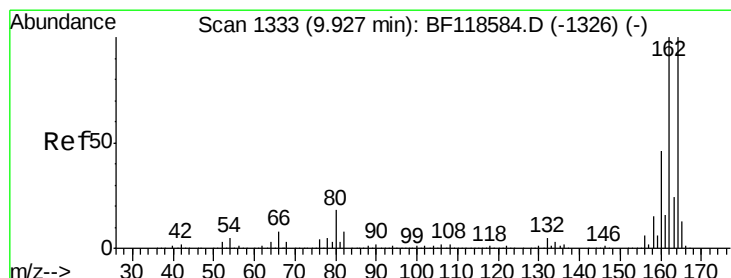
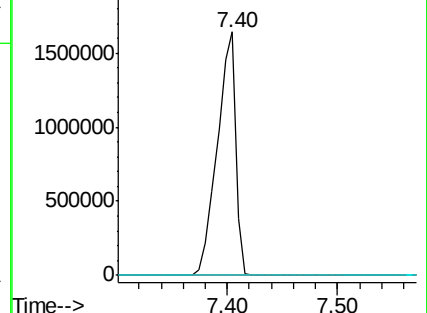
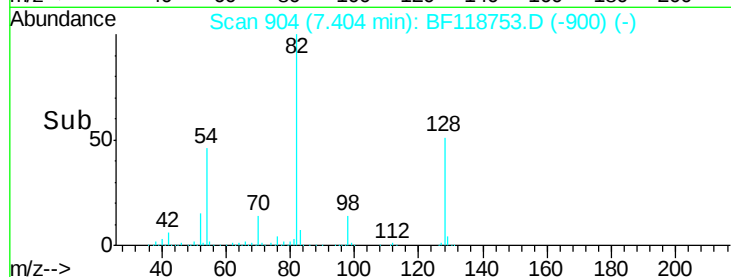
138 0.0 15.8 23.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

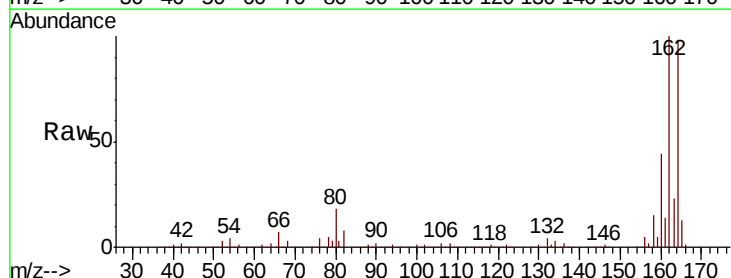
Tgt Ion: 164 Resp: 763106

Ion Ratio Lower Upper

164 100

162 102.2 80.8 121.2

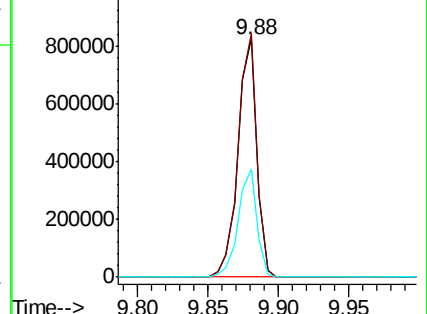
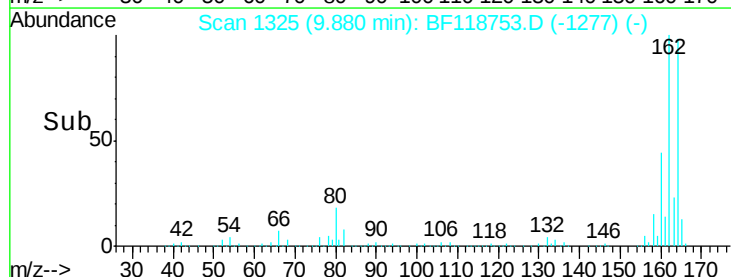
160 45.3 35.4 53.0

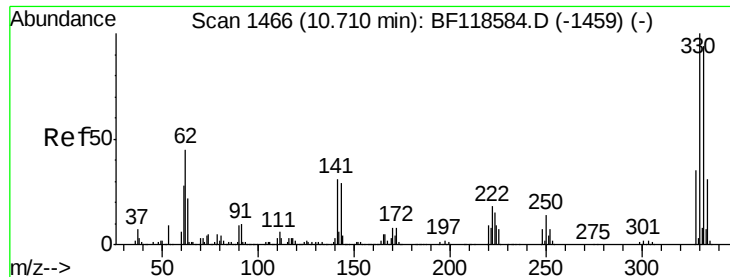


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

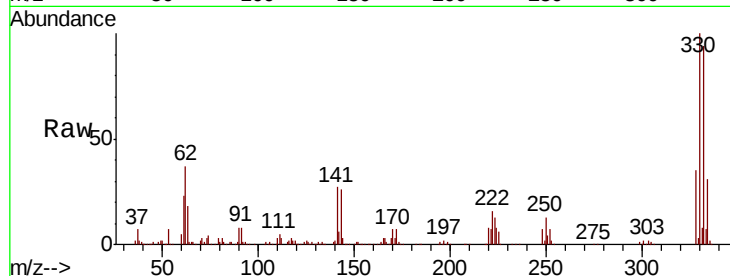




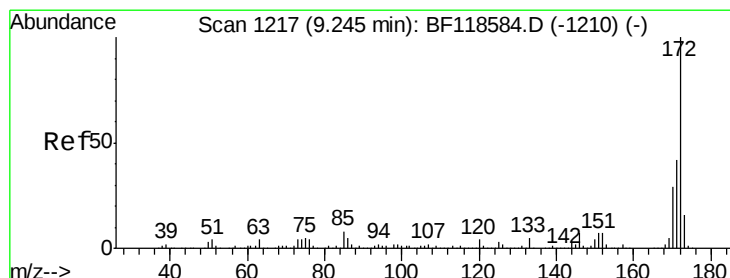
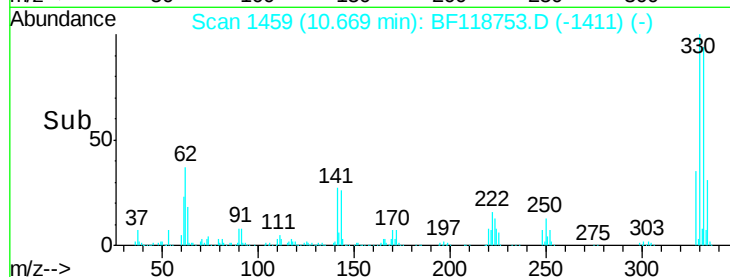
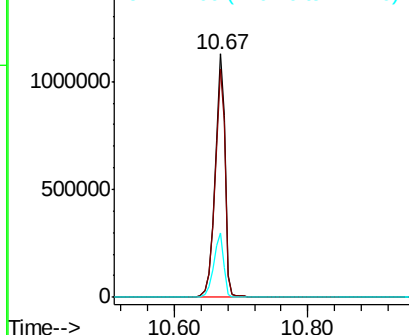
#42
 2,4,6-Tribromophenol
 Concen: 133.826 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. -0.02 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 1181191
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 26.9 22.2 33.2

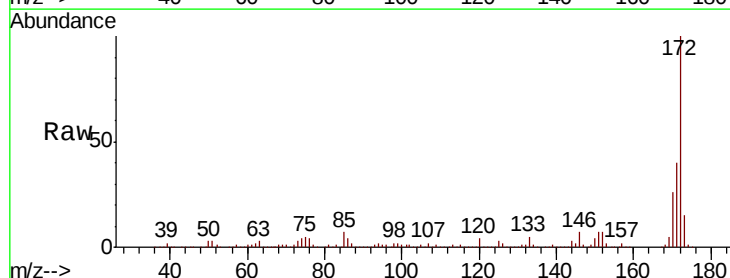


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

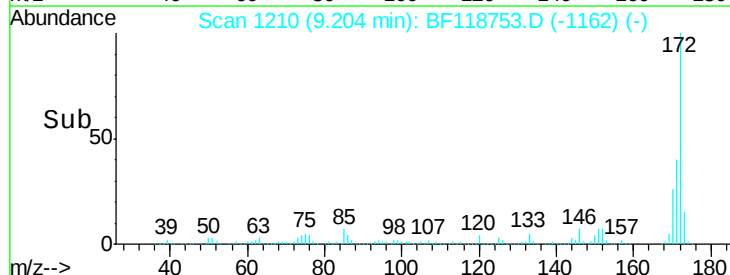
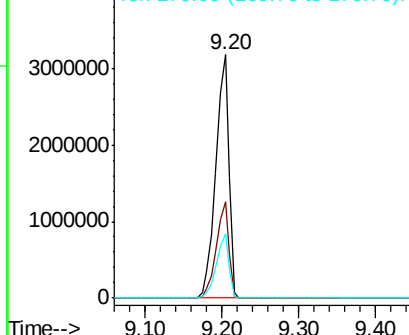


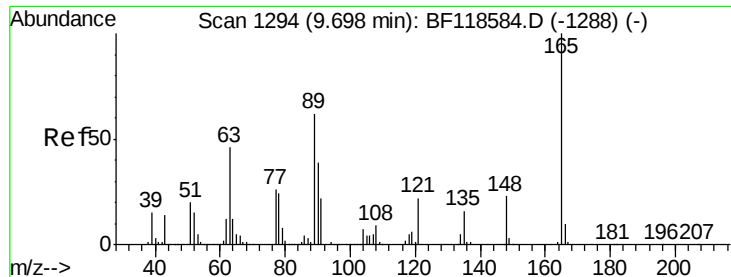
#45
 2-Fluorobiphenyl
 Concen: 79.177 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.02 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Tgt Ion:172 Resp: 3676053
 Ion Ratio Lower Upper
 172 100
 171 39.6 31.0 46.4
 170 26.4 20.7 31.1



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: 9.003 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.21 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

Instrument :

BNA_F

ClientSampled :

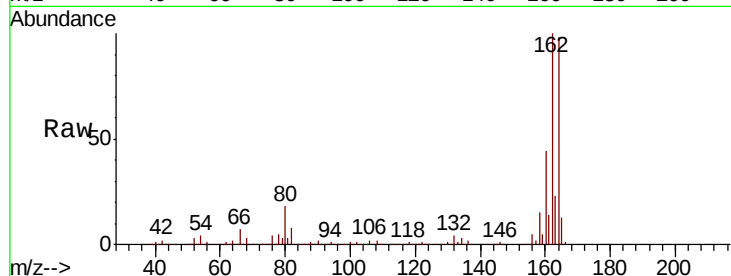
Tot Ion:165 Resp: 100235

Ion Ratio Lower Upper

165 100

63 0.9 39.8 59.6#

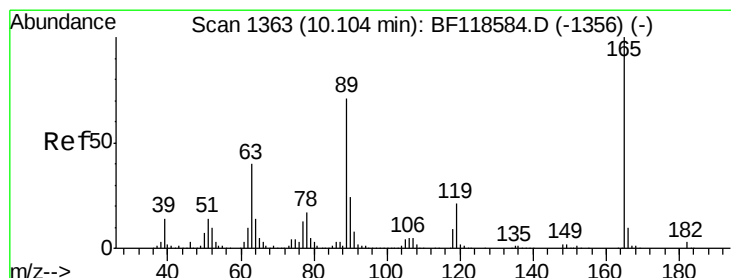
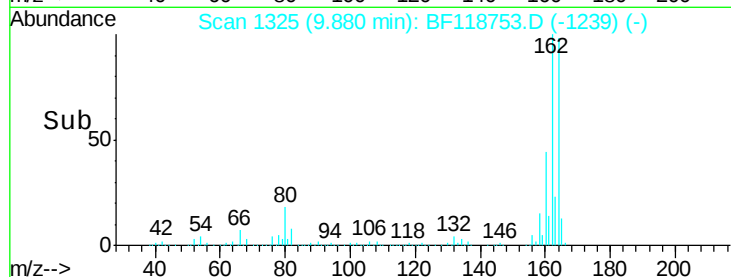
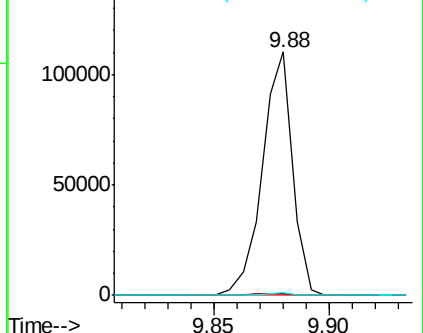
89 1.2 41.4 62.2#



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



#57

2,4-Dinitrotoluene

Concen: 7.142 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.20 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

Tgt Ion:165 Resp: 100235

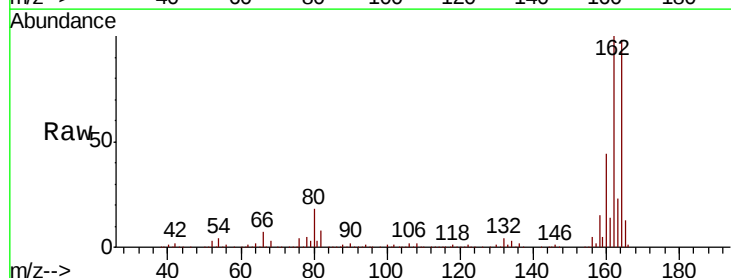
Ion Ratio Lower Upper

165 100

63 0.9 28.5 42.7#

89 1.2 50.4 75.6#

182 0.0 2.3 3.5#

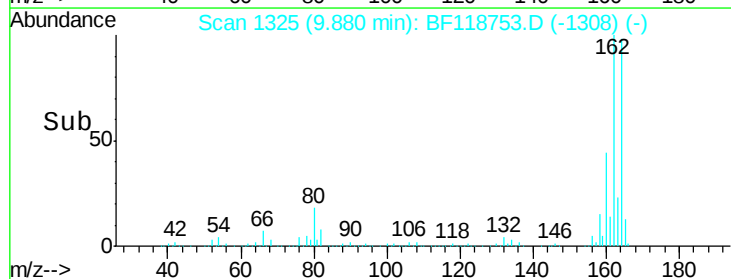
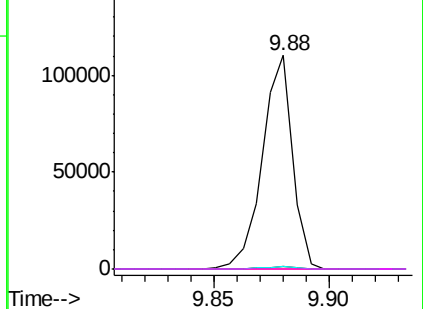


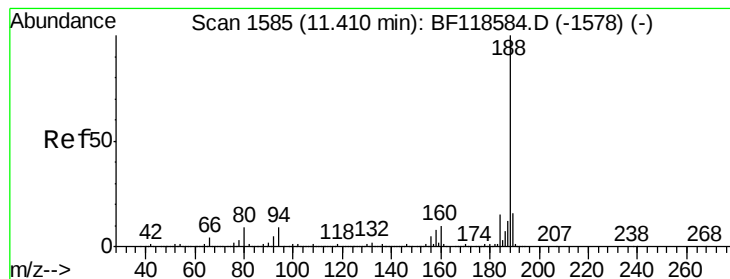
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.36 min Scan# 1577

Delta R.T. -0.02 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

Instrument :

BNA_F

ClientSampleId :

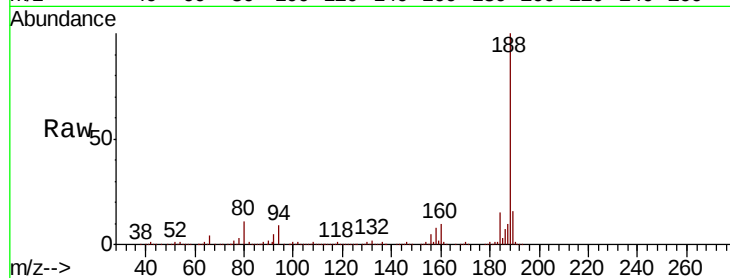
Tot Ion:188 Resp: 1498976

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

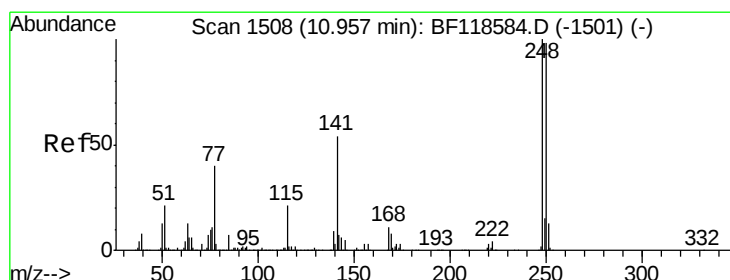
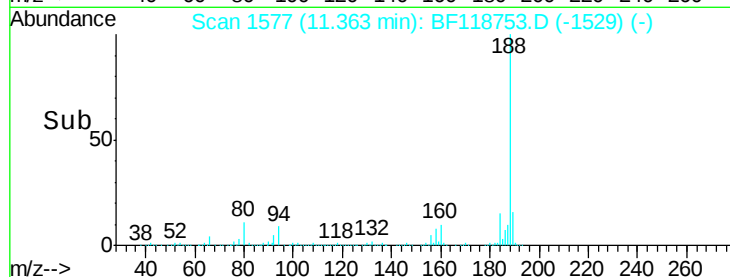
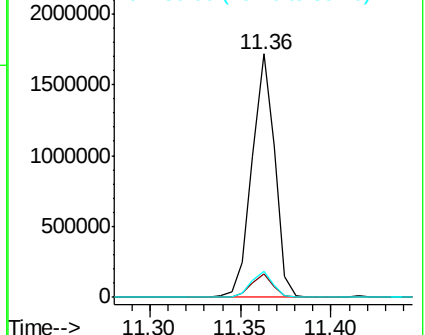
80 10.5 7.8 11.8



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



#67

4-Bromophenyl-phenylether

Concen: 4.108 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.26 min

Lab File: BF118753.D

Acq: 30 Jan 2020 16:03

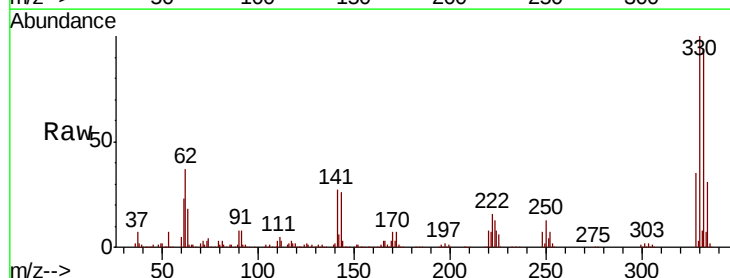
Tgt Ion:248 Resp: 76080

Ion Ratio Lower Upper

248 100

250 199.9 78.7 118.1#

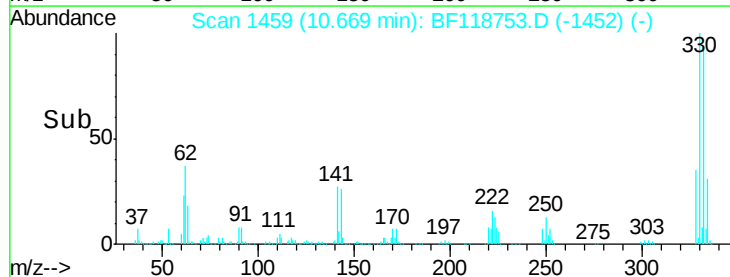
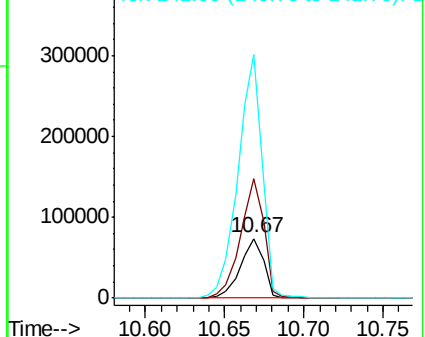
141 407.4 48.4 72.6#

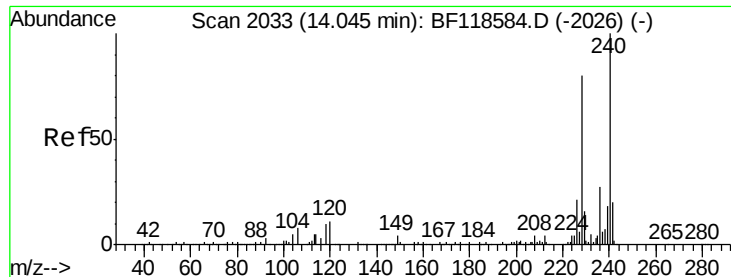


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

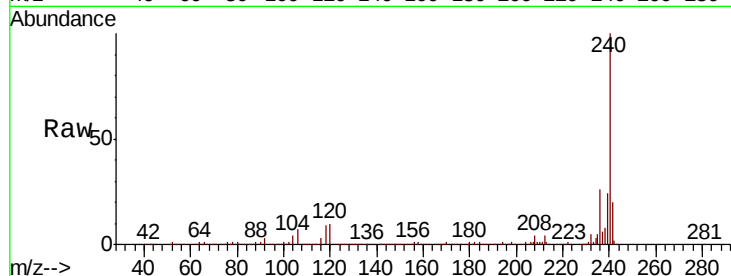




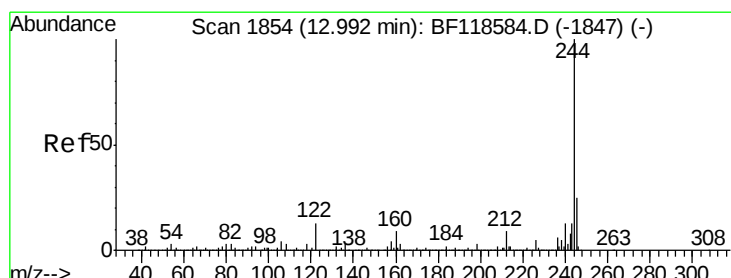
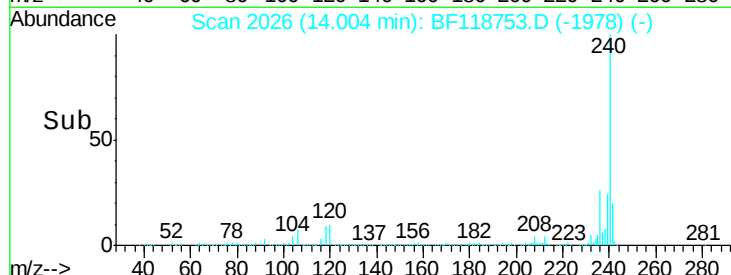
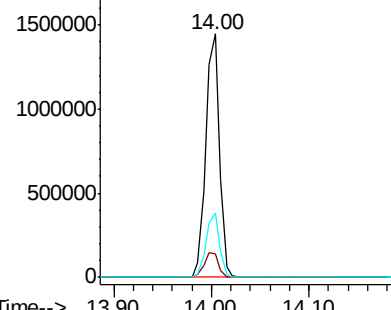
#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 1403721
 Ion Ratio Lower Upper
 240 100
 120 9.9 7.6 11.4
 236 26.4 21.0 31.4

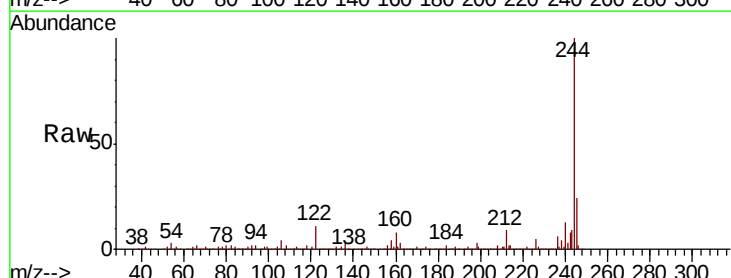


Abundance Ion 240.00 (239.70 to 240.70): E
 2000000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

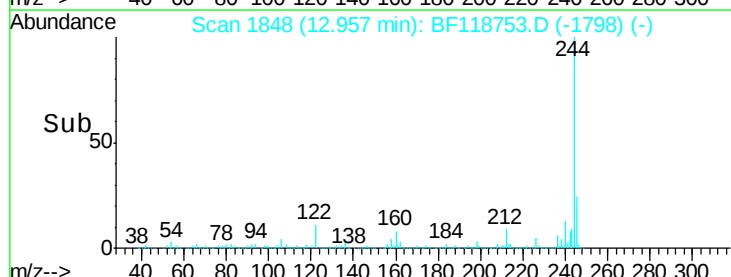
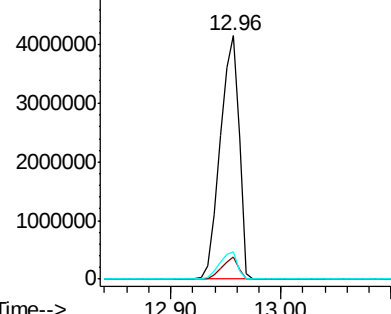


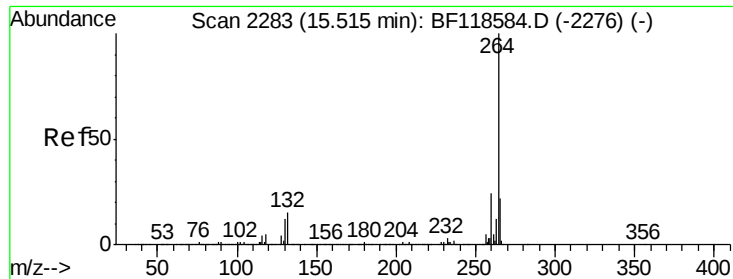
#79
 Terphenyl-d14
 Concen: 77.583 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF118753.D
 Acq: 30 Jan 2020 16:03

Tgt Ion:244 Resp: 4993149
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.3 9.5
 122 11.1 9.2 13.8



Abundance Ion 244.00 (243.70 to 244.70): E
 5000000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118753.D
Acq: 30 Jan 2020 16:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 1501410

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.6	28.0
265	21.8	17.0	25.6

