

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100120\
 Data File : BF121765.D
 Acq On : 1 Oct 2020 14:04
 Operator : JU/CG
 Sample : PB131986BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131986BL

Quant Time: Oct 01 14:36:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	139452	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	548231	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	291914	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	573386	20.00	ng	0.00
76) Chrysene-d12	13.93	240	545703	20.00	ng	0.00
86) Perylene-d12	15.36	264	523979	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.40	112	1047966	111.68	ng	0.01
7) Phenol-d6	6.41	99	1343911	109.17	ng	0.00
23) Nitrobenzene-d5	7.33	82	930693	91.15	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	453459	124.99	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	1613137	83.69	ng	0.00
79) Terphenyl-d14	12.88	244	2000031	74.25	ng	0.00

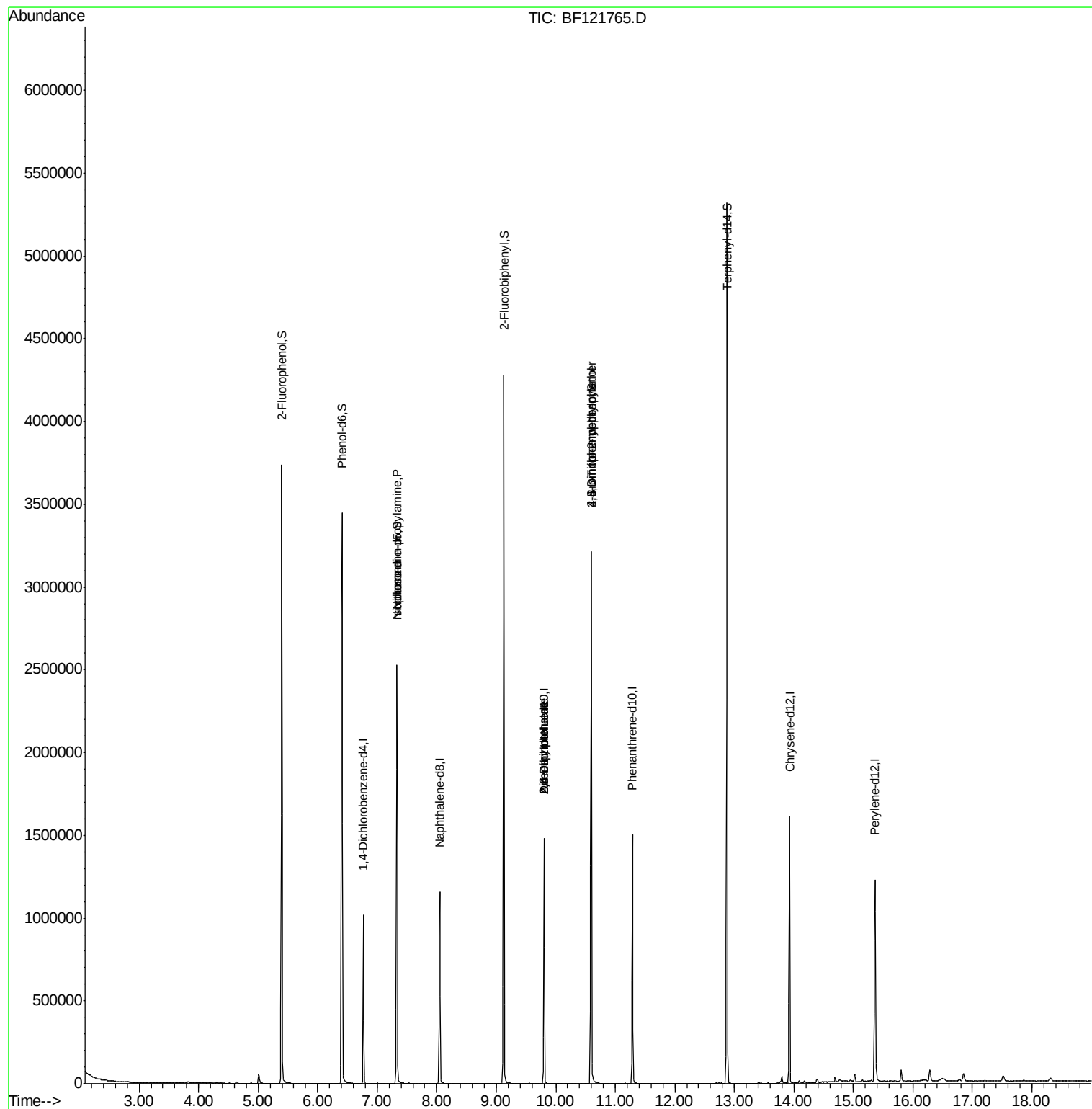
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.33	70	124397	17.533	ng	# 78
25) Isophorone	7.33	82	924538	44.980	ng	# 67
50) Dimethylphthalate	9.80	163	61169	2.891	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	37182	8.252	ng	# 20
57) 2,4-Dinitrotoluene	9.80	165	37182	6.559	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.60	198	727	7.029	ng	# 1
67) 4-Bromophenyl-phenylether	10.60	248	25783	3.949	ng	# 1

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

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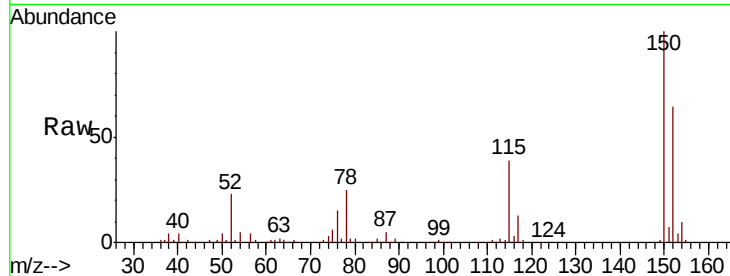


#1

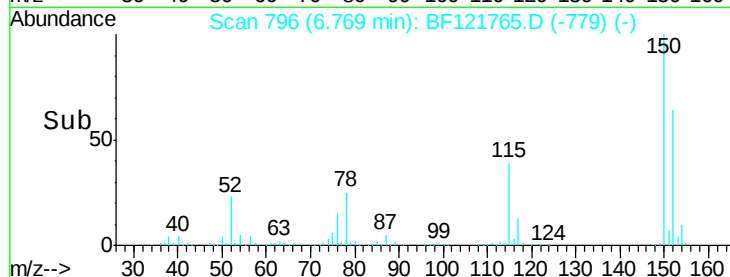
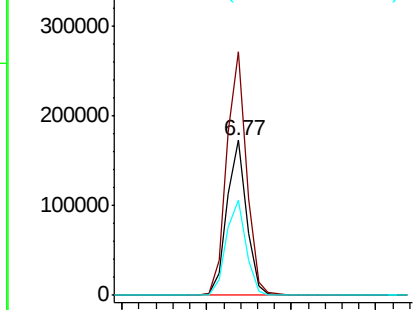
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF121765.D
 Acq: 1 Oct 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB131986BL

Tot Ion:152 Resp: 139452
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.3 187.9
 115 61.7 51.9 77.9



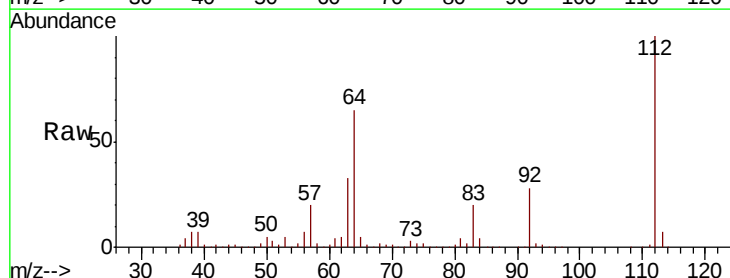
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



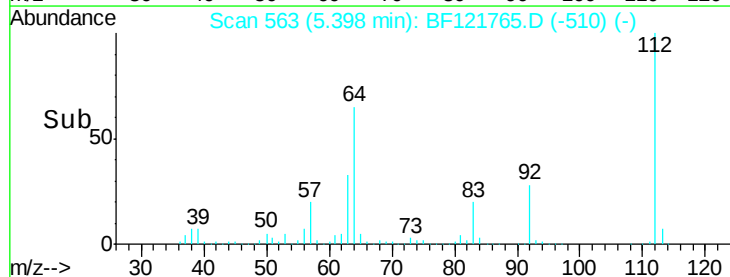
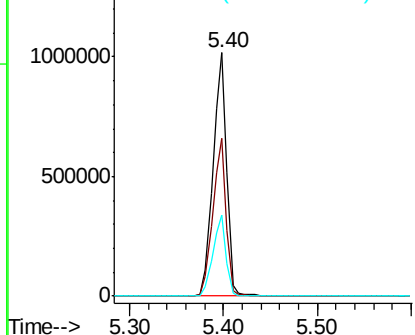
#5

2-Fluorophenol
 Concen: 111.681 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.01 min
 Lab File: BF121765.D
 Acq: 1 Oct 2020 14:04

Tgt Ion:112 Resp: 1047966
 Ion Ratio Lower Upper
 112 100
 64 64.6 50.4 75.6
 63 33.1 25.8 38.6



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: 109.166 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB131986BL

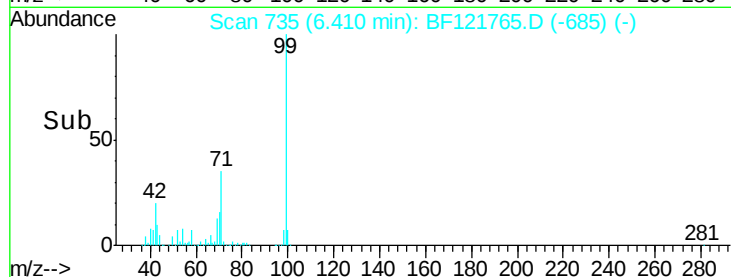
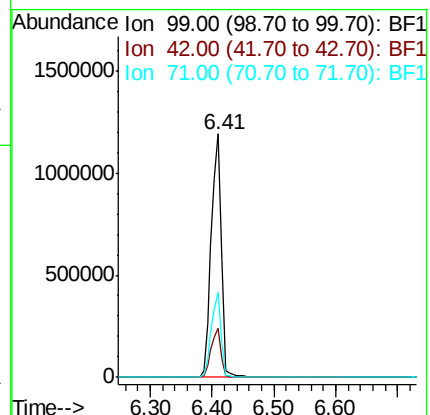
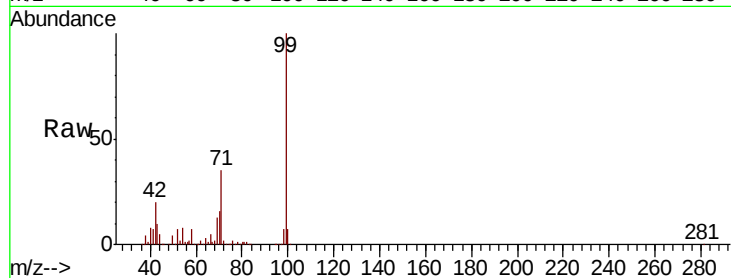
Tot Ion: 99 Resp: 1343911

Ion Ratio Lower Upper

99 100

42 20.1 15.9 23.9

71 34.9 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.533 ng

RT: 7.33 min Scan# 892

Delta R.T. 0.14 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

Tgt Ion: 70 Resp: 124397

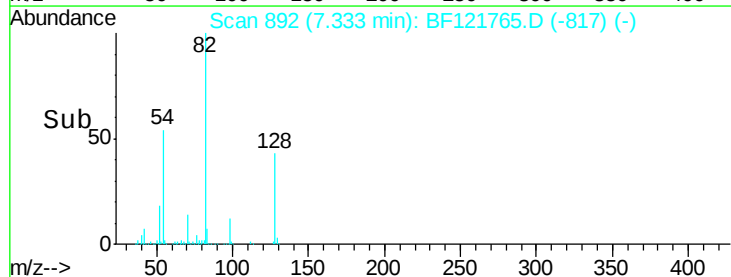
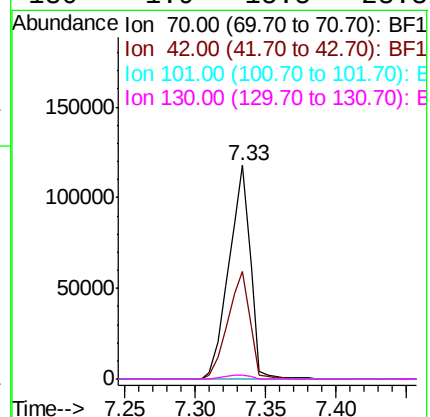
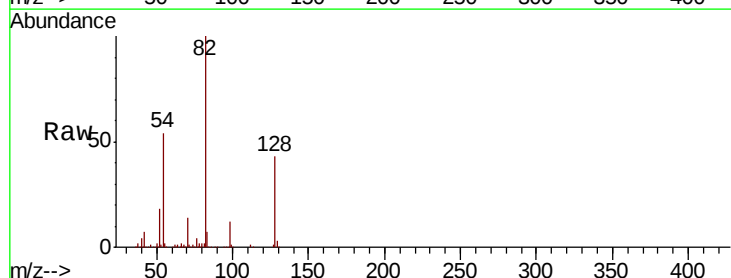
Ion Ratio Lower Upper

70 100

42 50.2 50.2 75.4#

101 0.0 7.5 11.3#

130 1.9 15.5 23.3#

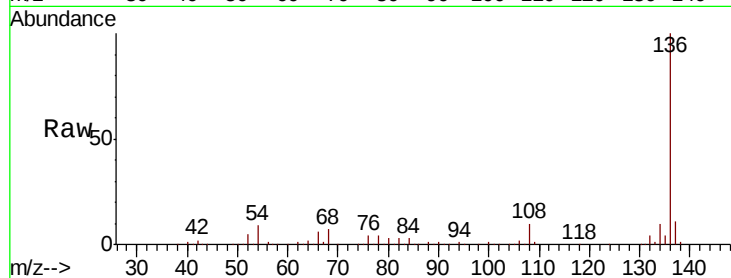




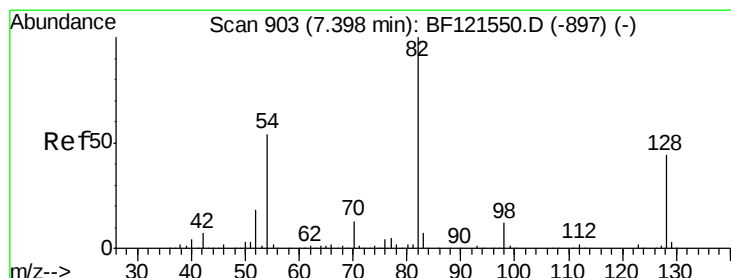
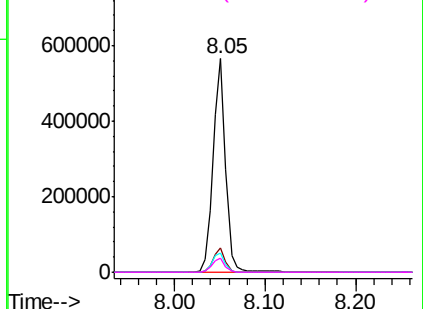
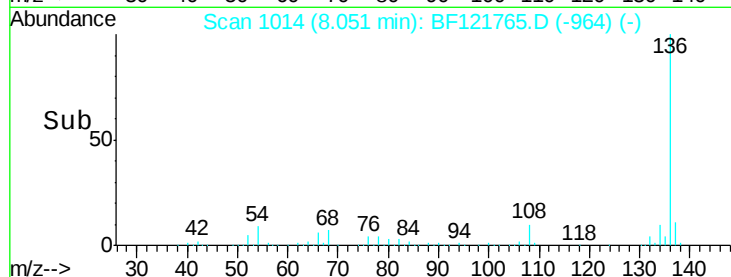
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tot Ion:136 Resp: 548231
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.2 7.1 10.7
68 6.8 5.0 7.4

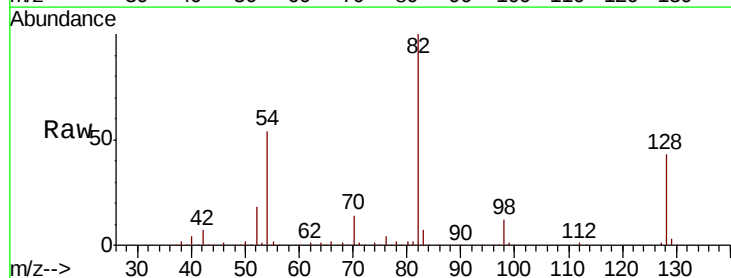


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

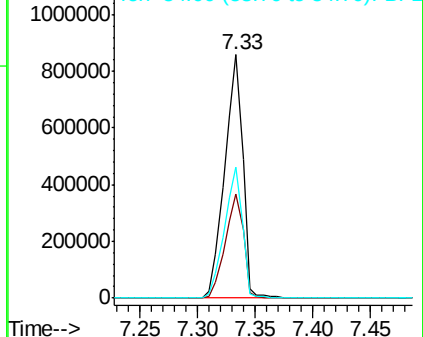
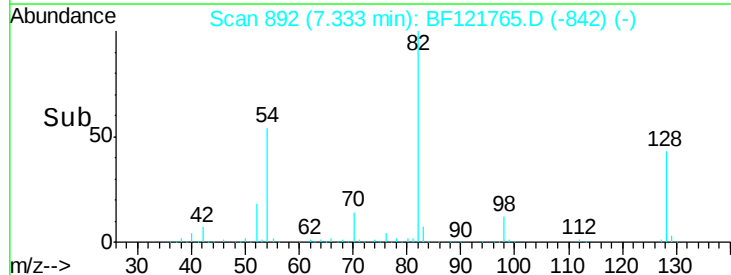


#23
Nitrobenzene-d5
Concen: 91.149 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Tgt Ion: 82 Resp: 930693
Ion Ratio Lower Upper
82 100
128 42.8 35.0 52.4
54 53.8 43.9 65.9



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: 44.980 ng

RT: 7.33 min Scan# 892

Delta R.T. -0.26 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB131986BL

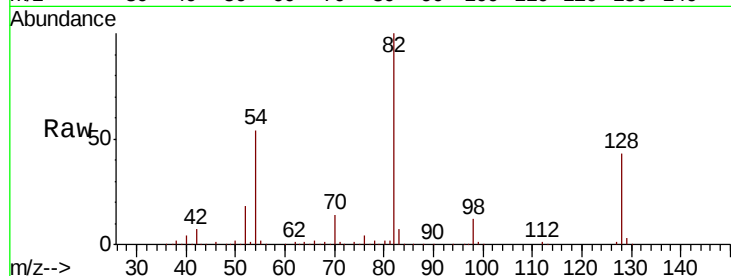
Tot Ion: 82 Resp: 924538

Ion Ratio Lower Upper

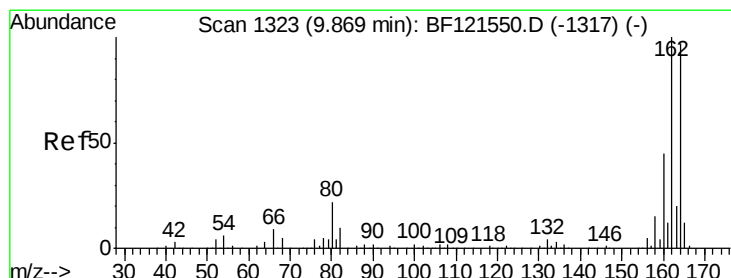
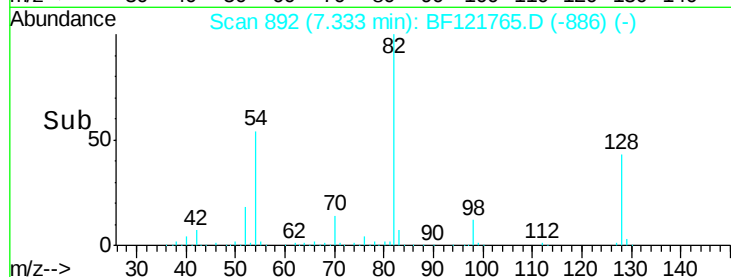
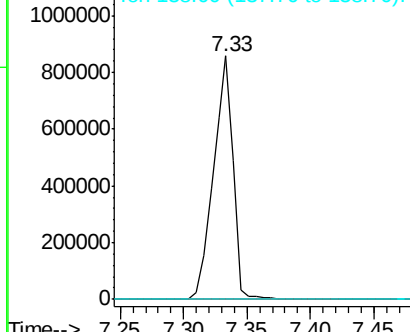
82 100

95 0.0 5.4 8.0#

138 0.0 13.4 20.0#



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: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

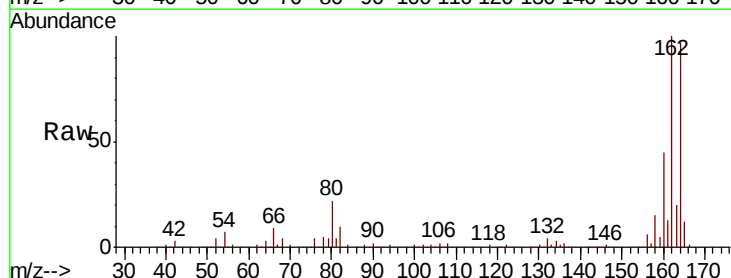
Tgt Ion: 164 Resp: 291914

Ion Ratio Lower Upper

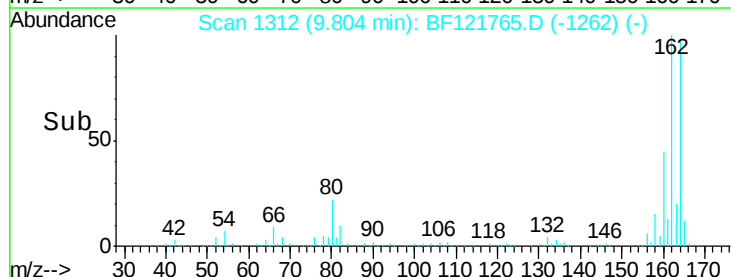
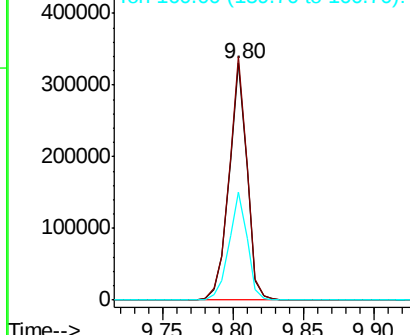
164 100

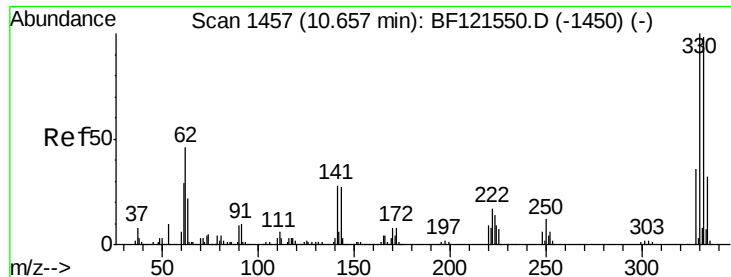
162 102.7 83.2 124.8

160 45.8 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 124.985 ng

RT: 10.60 min Scan# 1447

Delta R.T. -0.01 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB131986BL

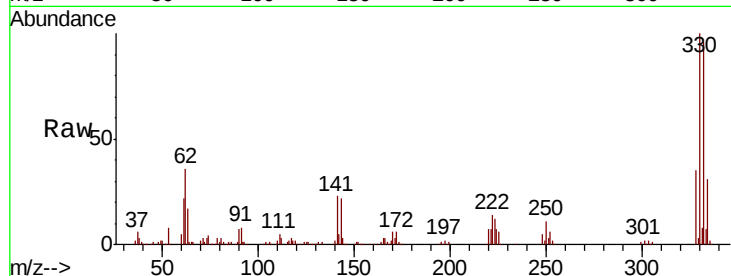
Tot Ion:330 Resp: 453459

Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

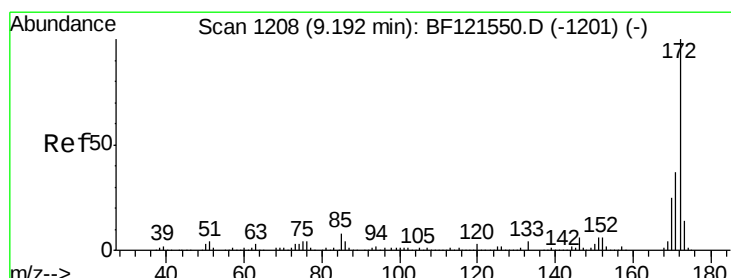
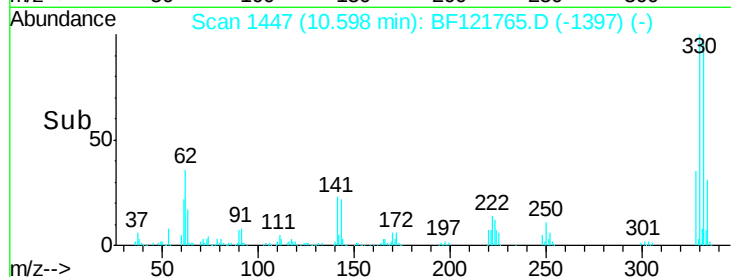
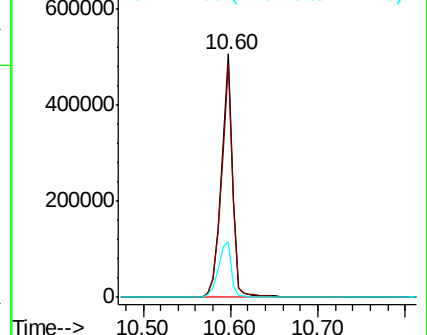
141 26.8 22.3 33.5



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: 83.694 ng

RT: 9.13 min Scan# 1197

Delta R.T. -0.01 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

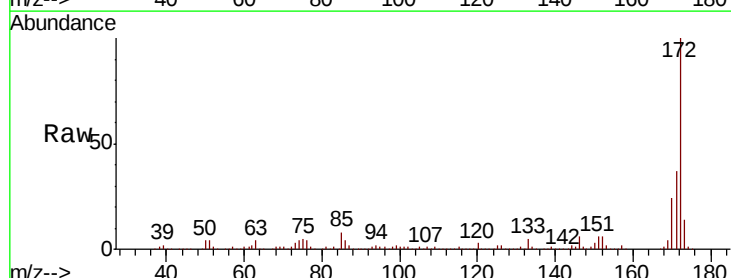
Tgt Ion:172 Resp: 1613137

Ion Ratio Lower Upper

172 100

171 36.6 29.1 43.7

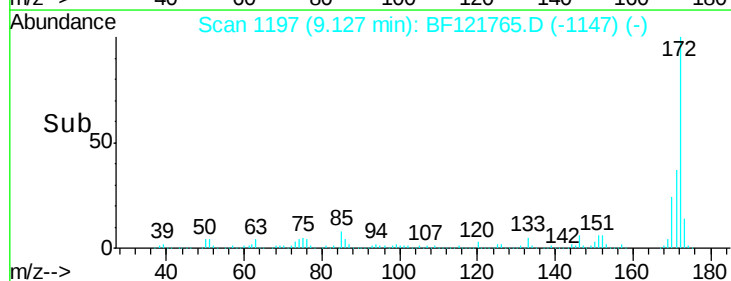
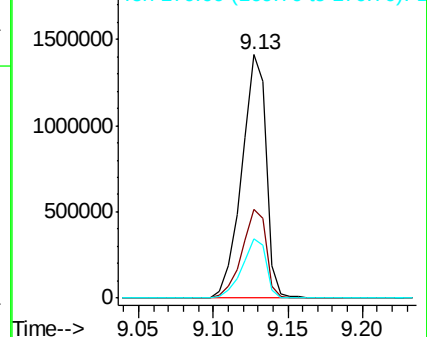
170 24.3 19.8 29.6

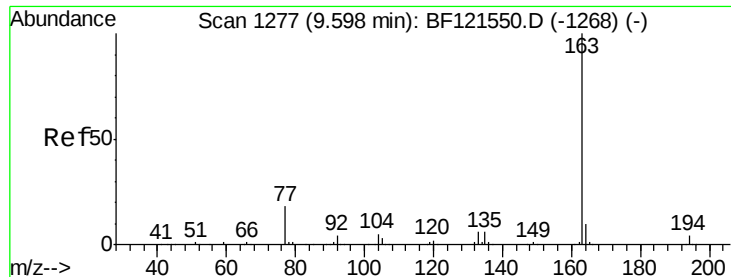


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.891 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.26 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

Instrument :

BNA_F

ClientSampleId :

PB131986BL

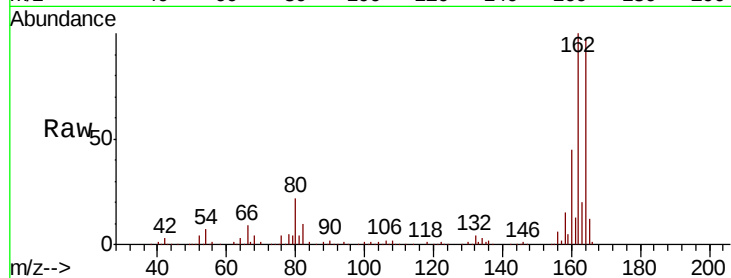
Tot Ion:163 Resp: 61169

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

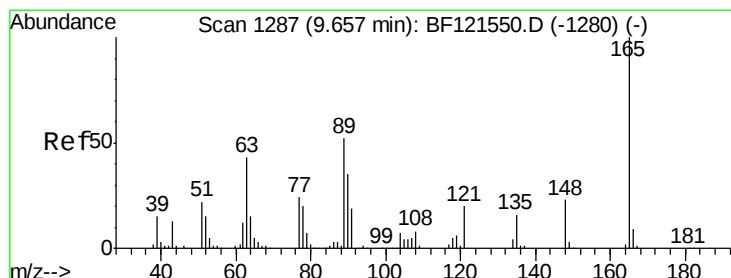
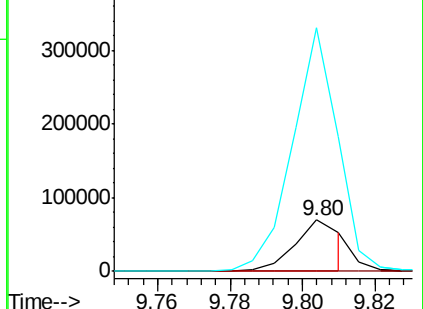
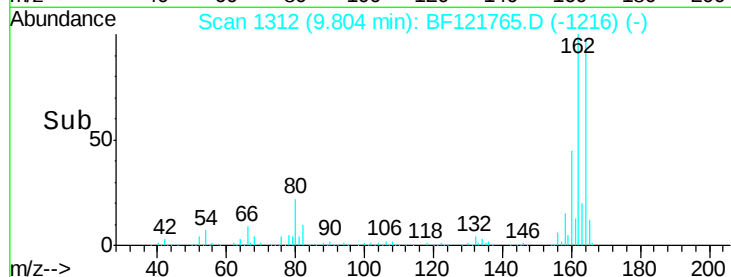
164 476.0 8.2 12.4#



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



#51

2,6-Dinitrotoluene

Concen: 8.252 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.21 min

Lab File: BF121765.D

Acq: 1 Oct 2020 14:04

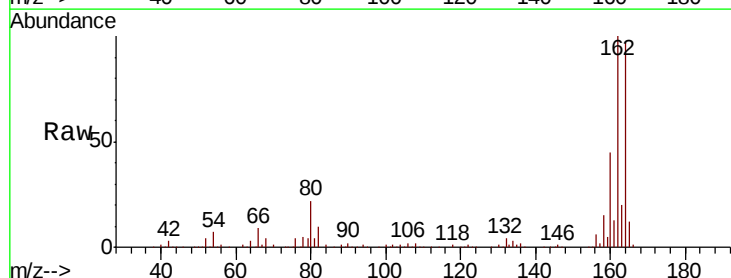
Tgt Ion:165 Resp: 37182

Ion Ratio Lower Upper

165 100

63 1.3 51.8 77.6#

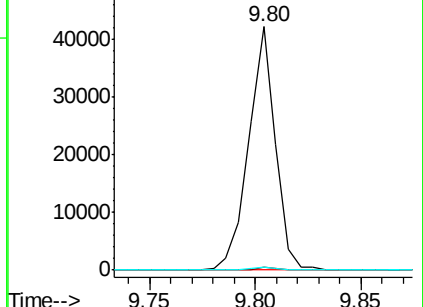
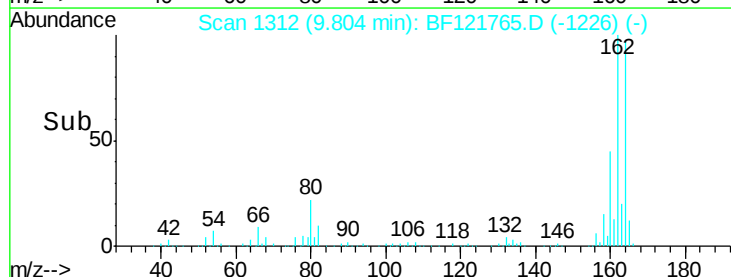
89 1.2 49.0 73.6#



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

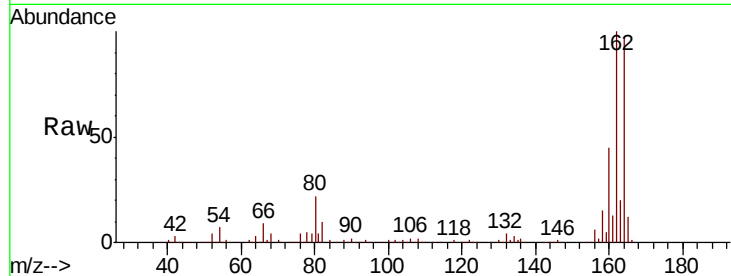




#57
 2,4-Dinitrotoluene
 Concen: 6.559 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.20 min
 Lab File: BF121765.D
 Acq: 1 Oct 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB131986BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.3	61.9#
89	1.2	61.8	92.8#
182	0.0	2.1	3.1#

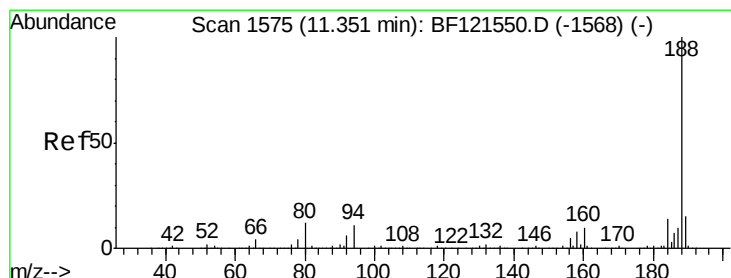
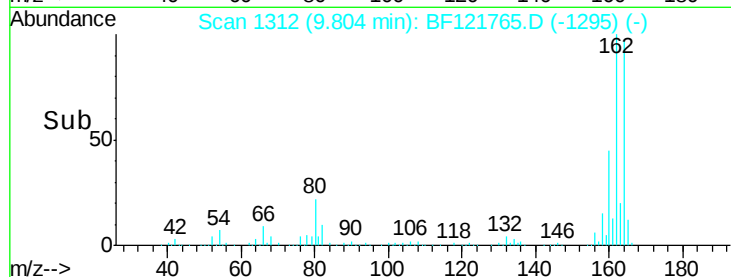
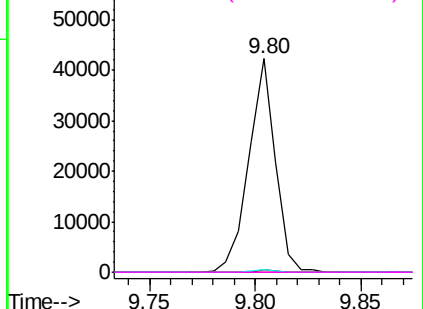


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

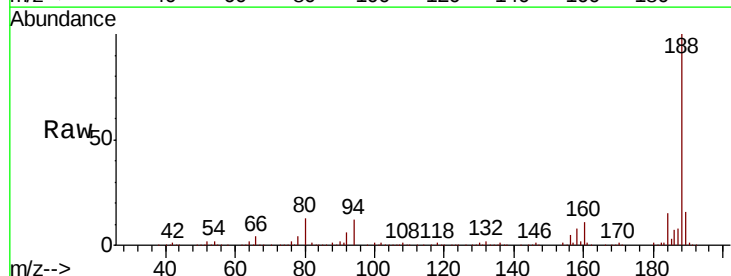
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF121765.D
 Acq: 1 Oct 2020 14:04

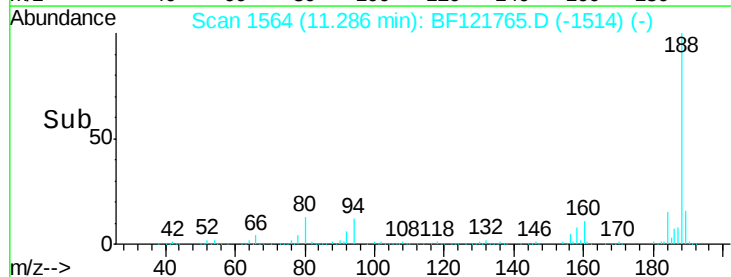
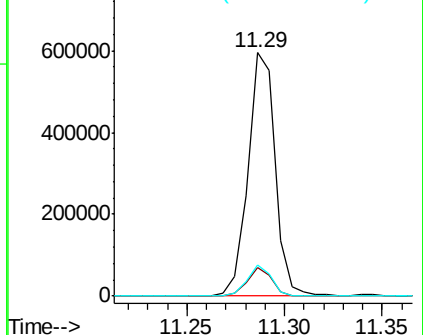
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.6	8.3	12.5
80	12.8	9.1	13.7

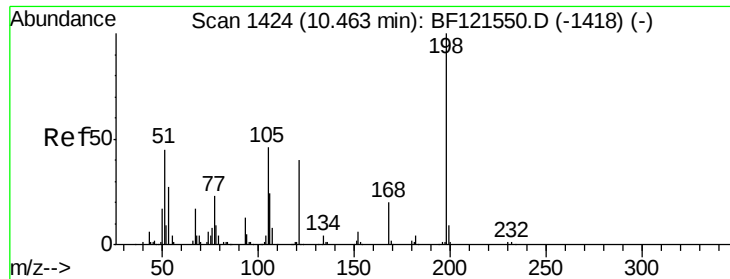


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

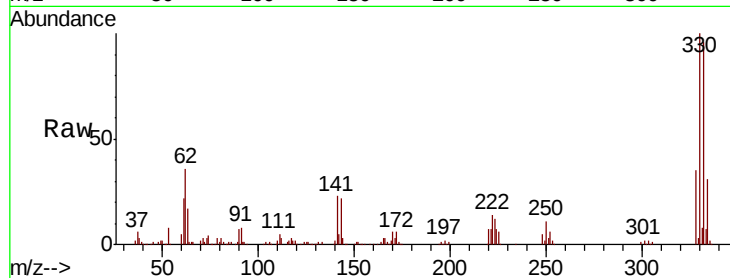




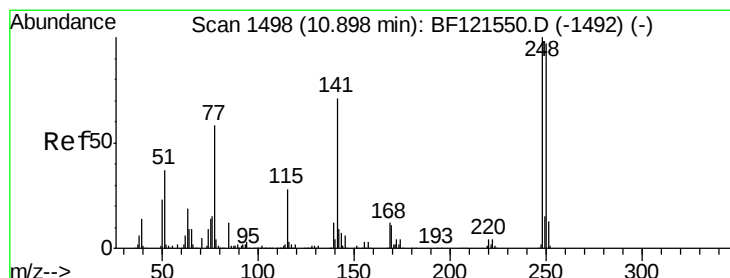
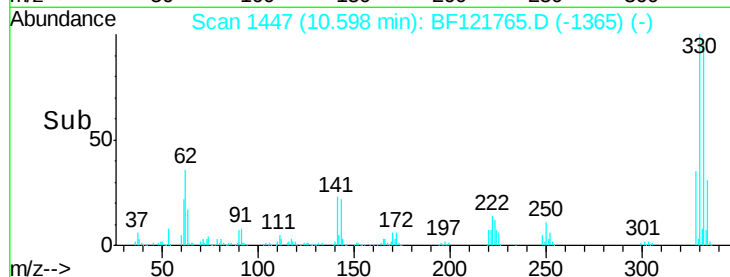
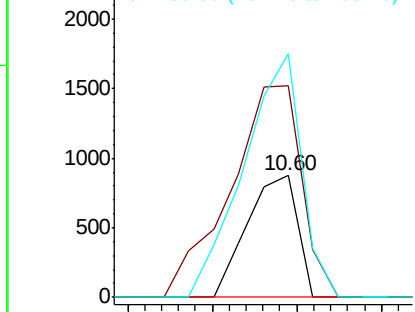
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.029 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.18 min
 Lab File: BF121765.D
 Acq: 1 Oct 2020 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB131986BL

Tot Ion:198 Resp: 727
 Ion Ratio Lower Upper
 198 100
 51 174.0 29.6 69.6#
 105 199.9 24.4 64.4#

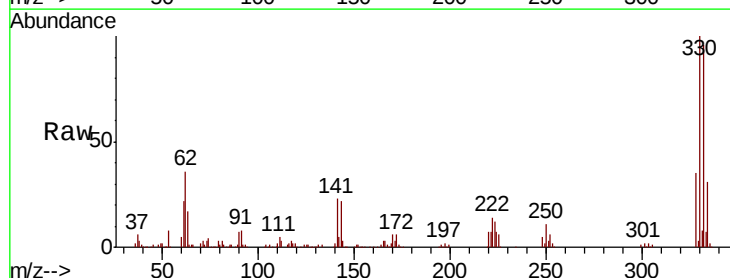


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

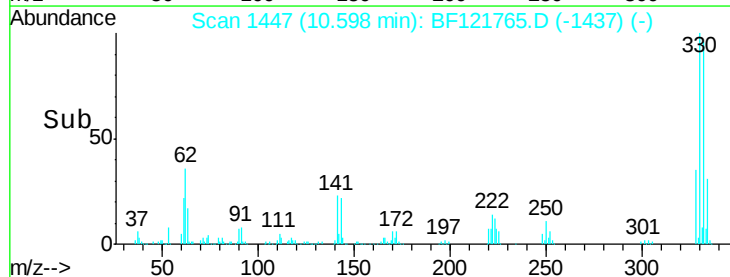
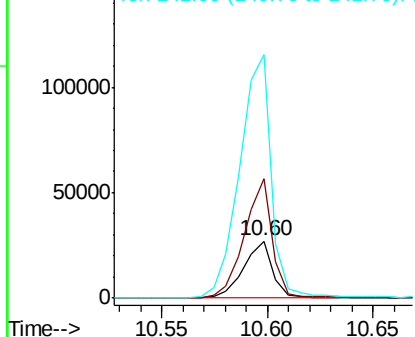


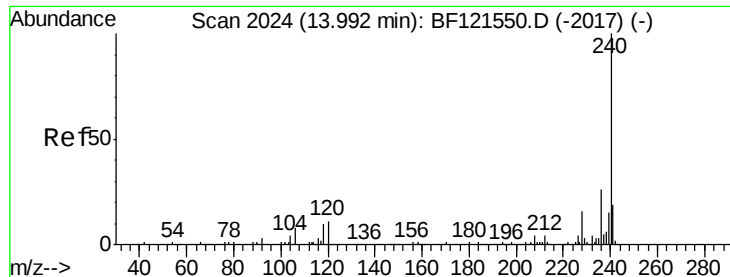
#67
 4-Bromophenyl-phenylether
 Concen: 3.949 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.24 min
 Lab File: BF121765.D
 Acq: 1 Oct 2020 14:04

Tgt Ion:248 Resp: 25783
 Ion Ratio Lower Upper
 248 100
 250 208.0 77.0 115.6#
 141 424.8 53.7 80.5#



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

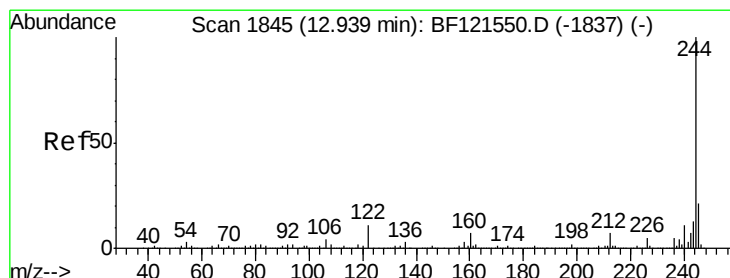
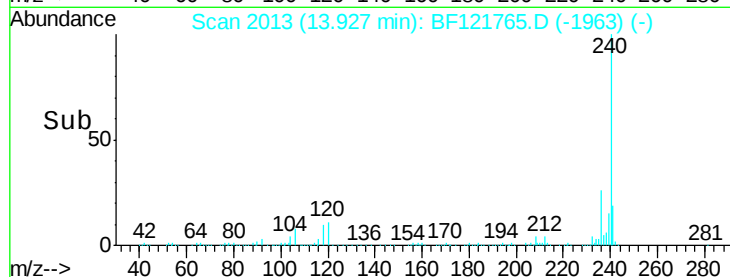
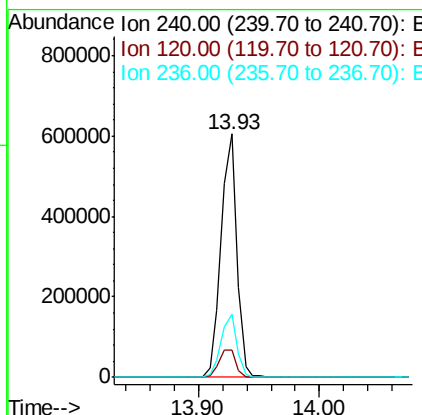
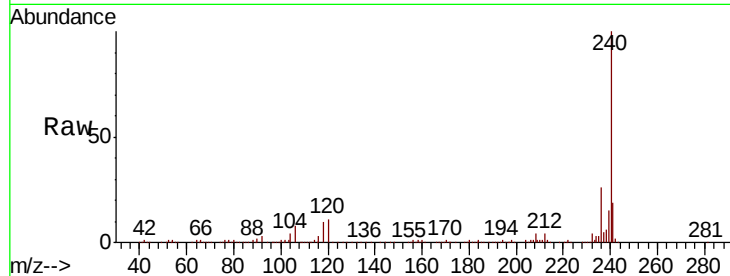




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. -0.01 min
 Lab File: BF121765.D
 Acq: 1 Oct 2020 14:04

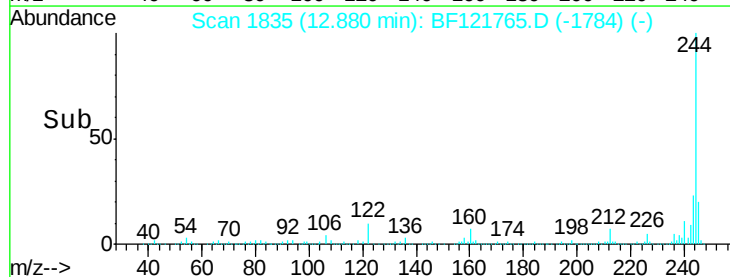
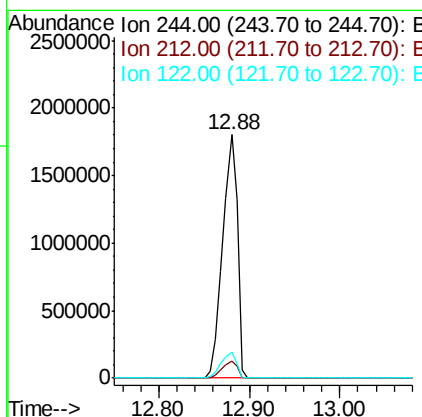
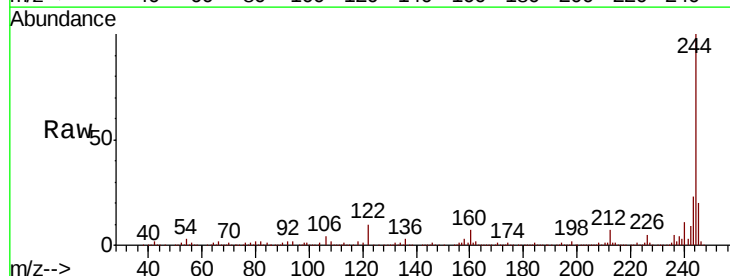
Instrument :
 BNA_F
 ClientSampleId :
 PB131986BL

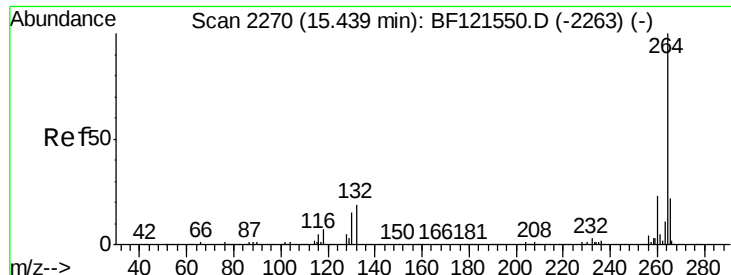
Tot Ion:240 Resp: 545703
 Ion Ratio Lower Upper
 240 100
 120 11.4 9.2 13.8
 236 25.8 20.9 31.3



#79
 Terphenyl-d14
 Concen: 74.250 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: BF121765.D
 Acq: 1 Oct 2020 14:04

Tgt Ion:244 Resp: 2000031
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.5 8.1 12.1

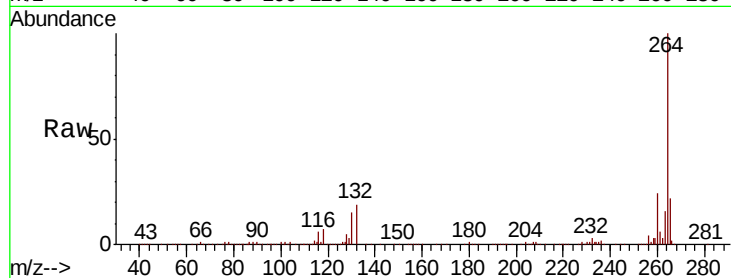




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BF121765.D
Acq: 1 Oct 2020 14:04

Instrument :
BNA_F
ClientSampleId :
PB131986BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.8	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

