

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
 Data File : BF121906.D
 Acq On : 9 Oct 2020 15:09
 Operator : JU/CG
 Sample : L4329-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Oct 09 16:17:11 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

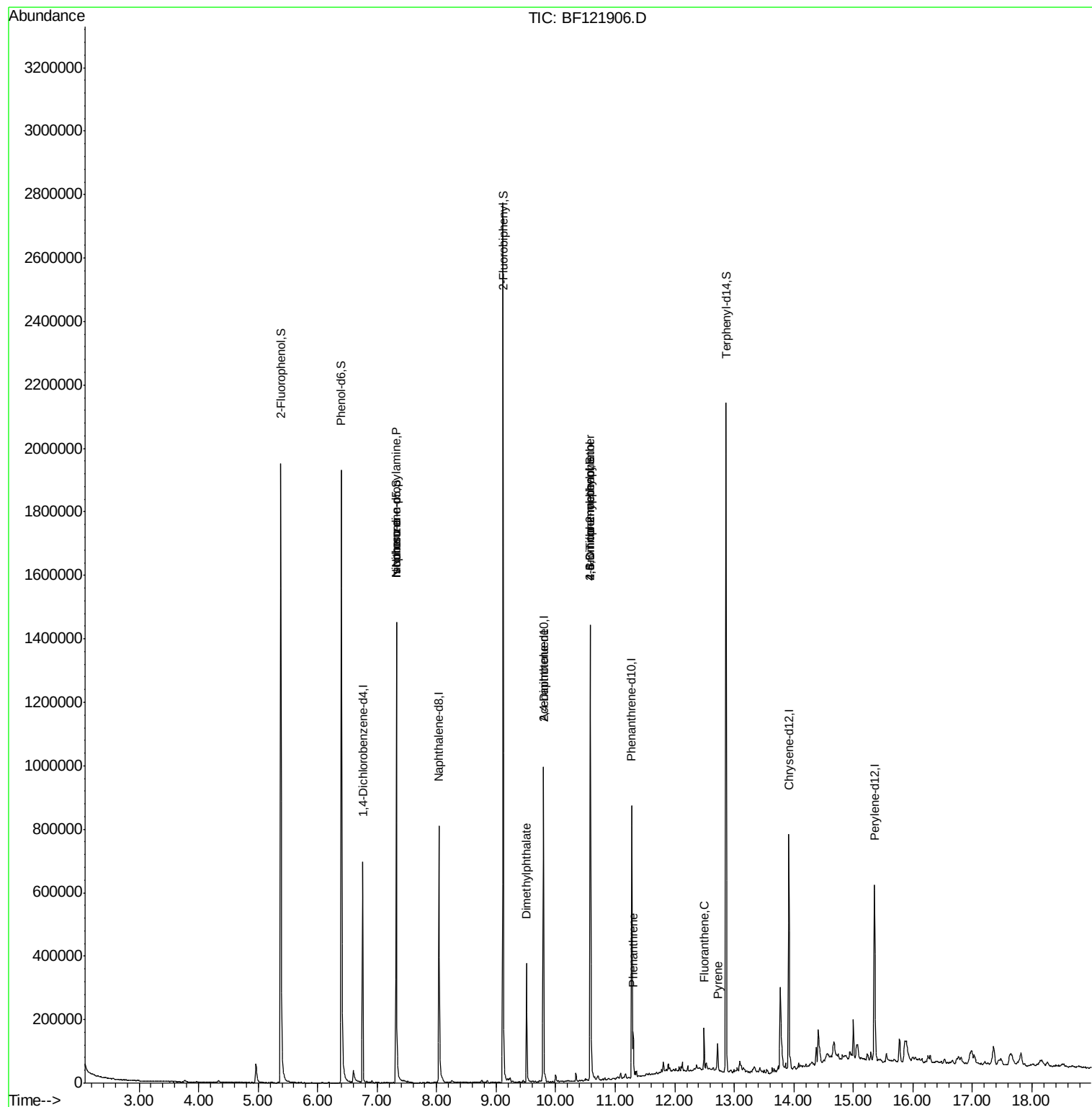
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	99959	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	390727	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	194406	20.00	ng	-0.02
64) Phenanthrene-d10	11.27	188	337033	20.00	ng	-0.02
76) Chrysene-d12	13.92	240	231850	20.00	ng	-0.02
86) Perylene-d12	15.36	264	241819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	571044	84.90	ng	0.00
7) Phenol-d6	6.40	99	715843	81.12	ng	-0.02
23) Nitrobenzene-d5	7.32	82	487536	66.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.58	330	196474	81.32	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	845675	65.88	ng	-0.02
79) Terphenyl-d14	12.86	244	671764	58.70	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	65200	12.820	ng	# 79
25) Isophorone	7.32	82	487534	33.281	ng	# 67
50) Dimethylphthalate	9.51	163	148741	10.556	ng	# 99
57) 2,4-Dinitrotoluene	9.79	165	25093	6.647	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.58	198	307	6.979	ng	# 1
67) 4-Bromophenyl-phenylether	10.58	248	11389	2.968	ng	# 1
71) Phenanthrene	11.30	178	47927	2.610	ng	99
75) Fluoranthene	12.49	202	51080	2.606	ng	97
78) Pyrene	12.72	202	37995	2.243	ng	98

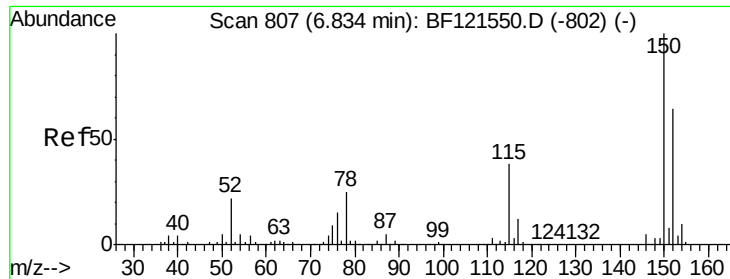
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
Data File : BF121906.D
Acq On : 9 Oct 2020 15:09
Operator : JU/CG
Sample : L4329-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S-1

Quant Time: Oct 09 16:17:11 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



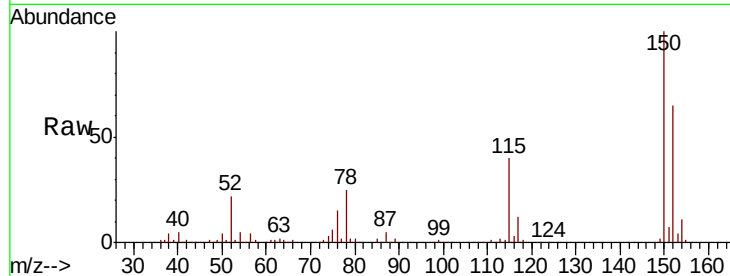


#1

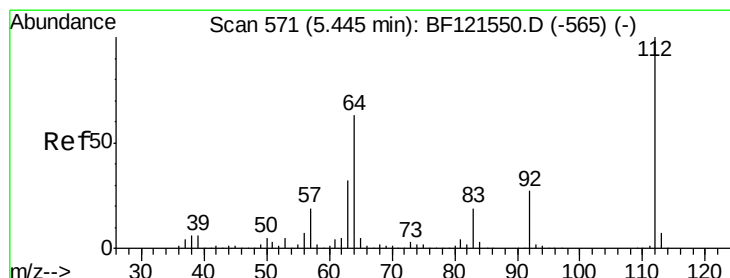
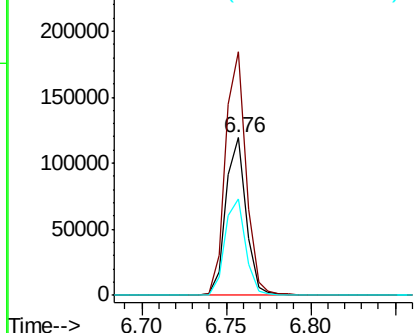
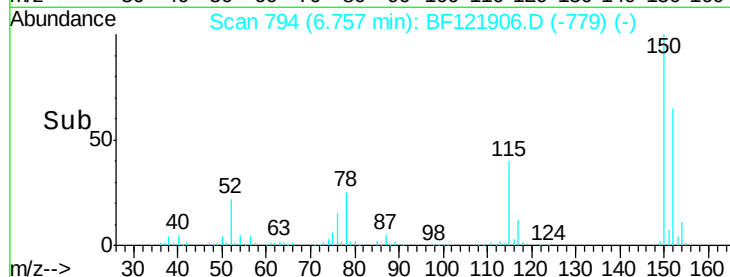
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF121906.D
 Acq: 9 Oct 2020 15:09

Instrument :
 BNA_F
 ClientSampled :
 S-1

Tot Ion:152 Resp: 99959
 Ion Ratio Lower Upper
 152 100
 150 154.4 125.3 187.9
 115 61.2 51.9 77.9



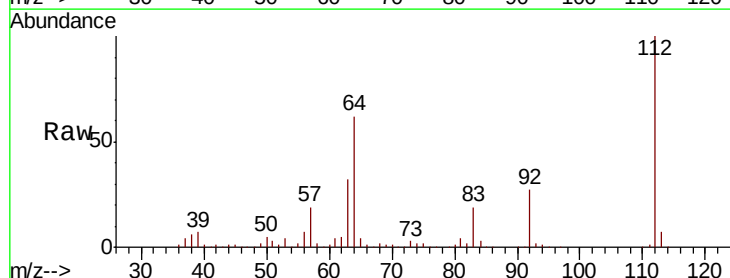
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



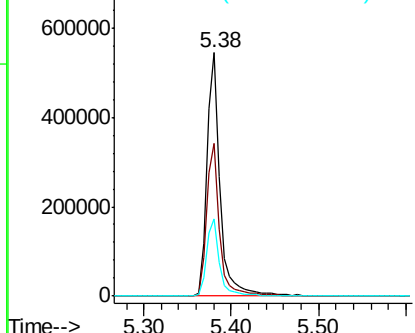
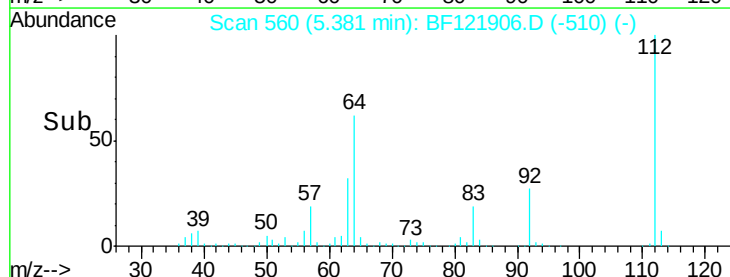
#5

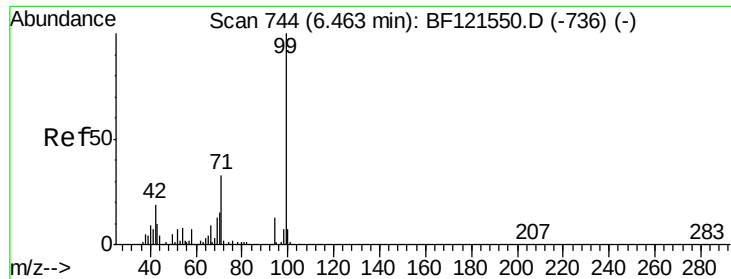
2-Fluorophenol
 Concen: 84.899 ng
 RT: 5.38 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: BF121906.D
 Acq: 9 Oct 2020 15:09

Tgt Ion:112 Resp: 571044
 Ion Ratio Lower Upper
 112 100
 64 62.5 50.4 75.6
 63 31.7 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: 81.122 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

Instrument :

BNA_F

ClientSampleId :

S-1

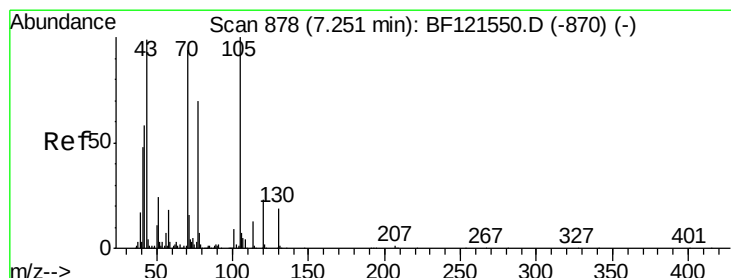
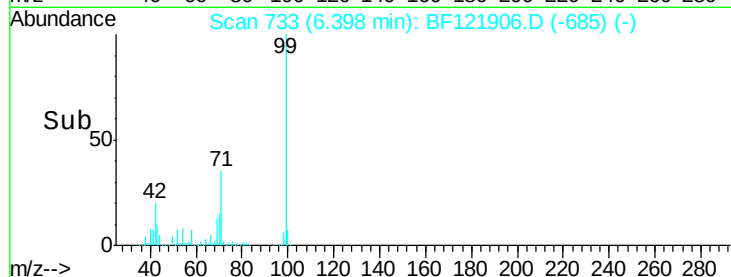
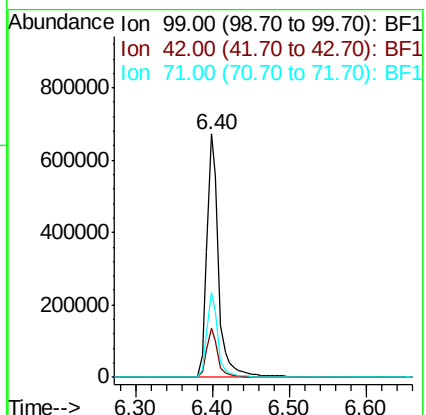
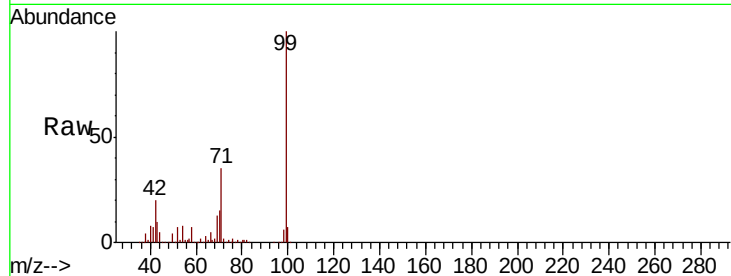
Tot Ion: 99 Resp: 715843

Ion Ratio Lower Upper

99 100

42 20.3 15.9 23.9

71 34.9 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.820 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.13 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

Tgt Ion: 70 Resp: 65200

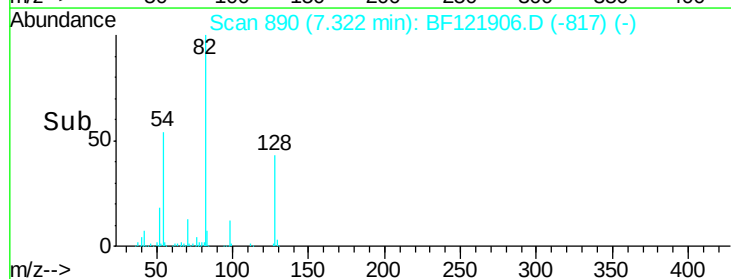
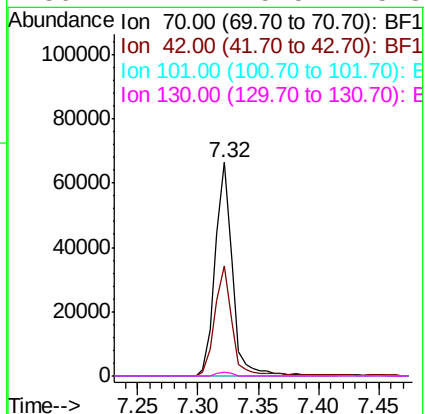
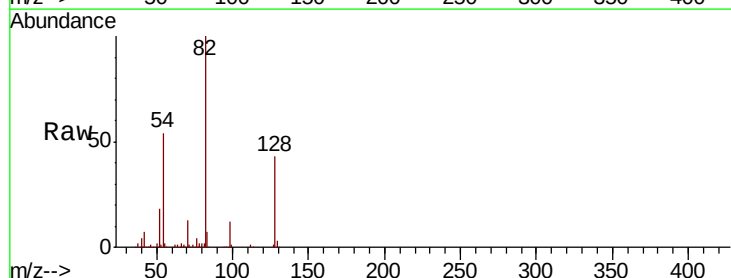
Ion Ratio Lower Upper

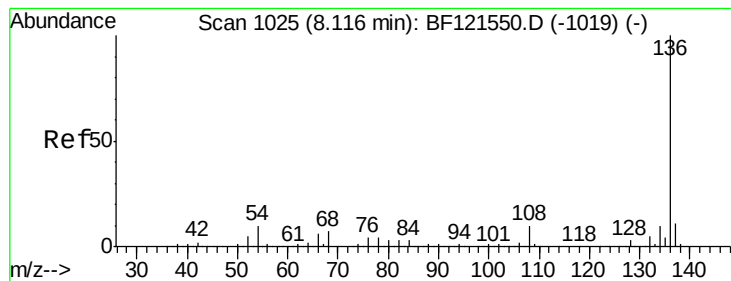
70 100

42 51.3 50.2 75.4

101 0.0 7.5 11.3#

130 2.1 15.5 23.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

Instrument :

BNA_F

ClientSampleId :

S-1

Tot Ion:136 Resp: 390727

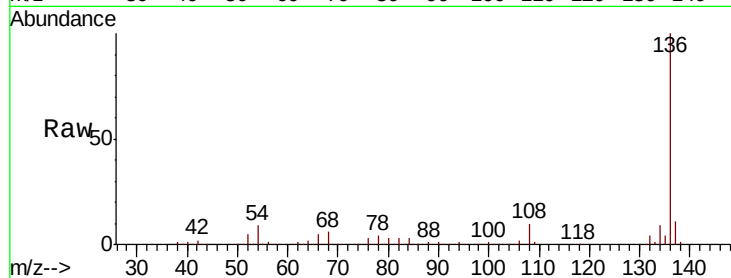
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 9.0 7.1 10.7

68 6.4 5.0 7.4

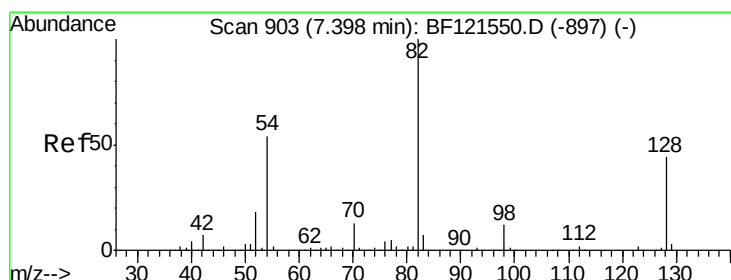
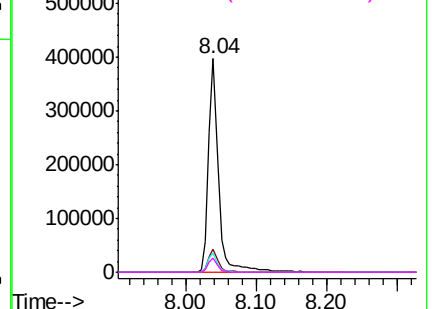
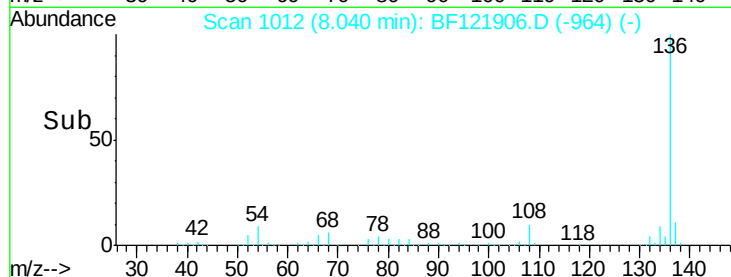


Abundance Ion 136.00 (135.70 to 136.70): E

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: 66.995 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

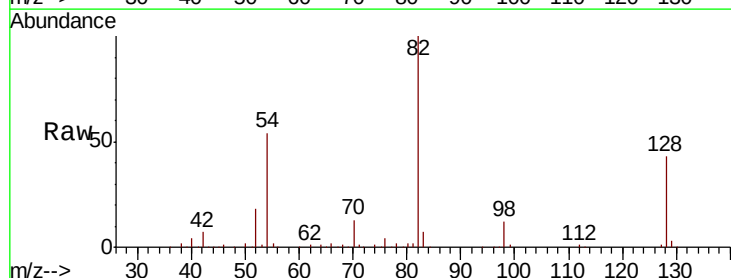
Tgt Ion: 82 Resp: 487536

Ion Ratio Lower Upper

82 100

128 42.7 35.0 52.4

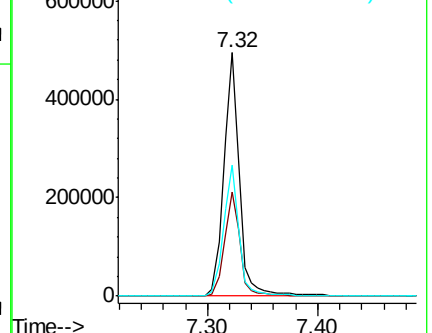
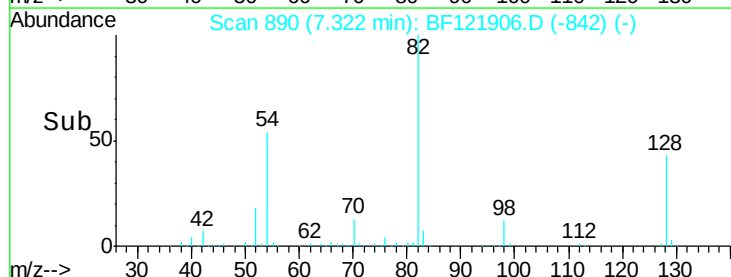
54 53.6 43.9 65.9

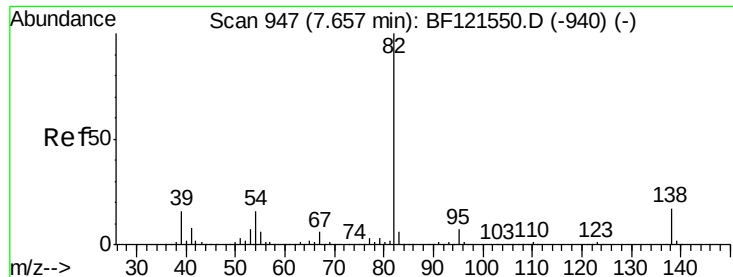


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

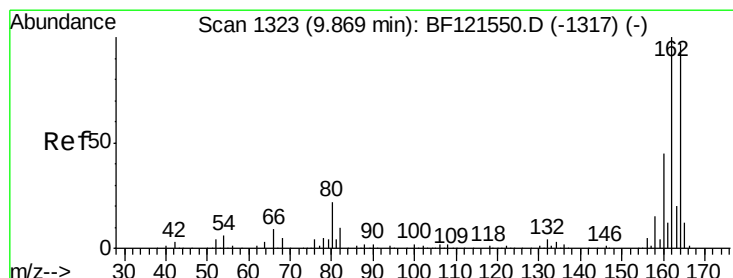
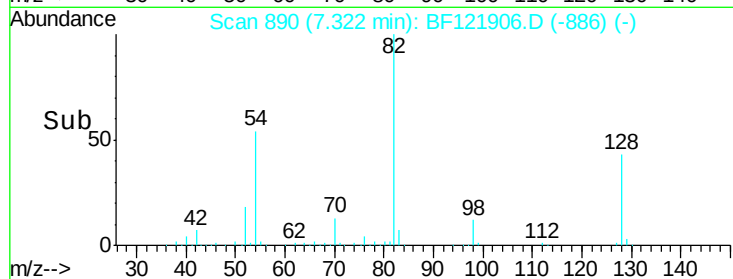
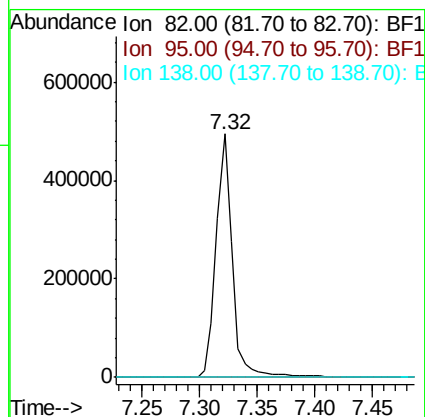
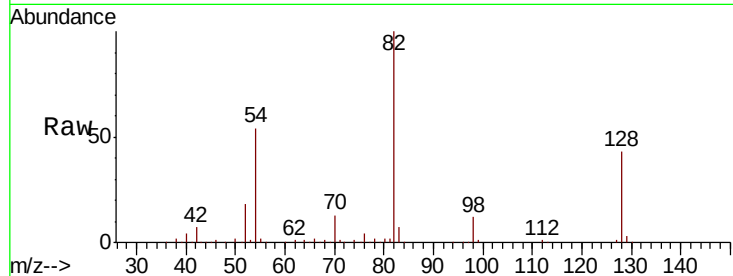




#25
Isophorone
Concen: 33.281 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

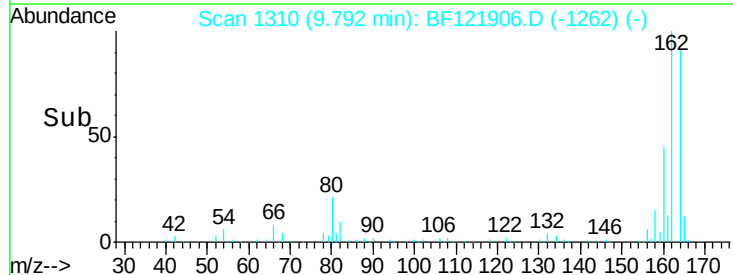
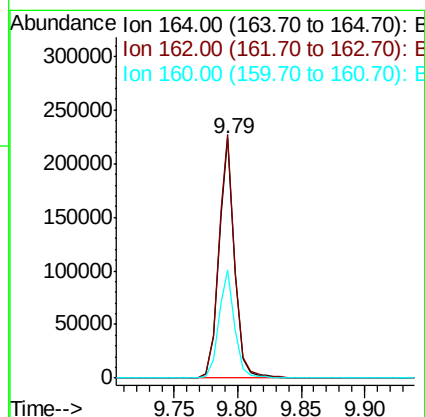
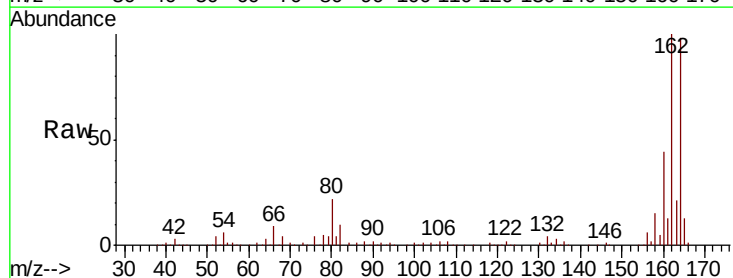
Instrument :
BNA_F
ClientSampleId :
S-1

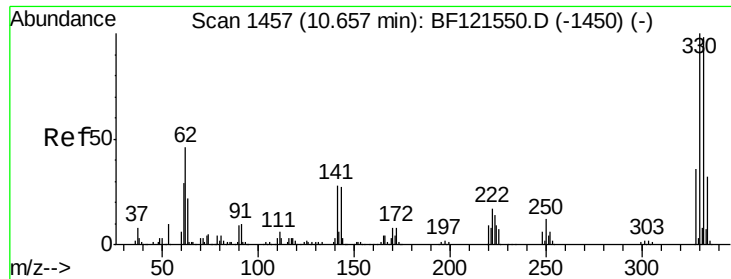
Tot Ion: 82 Resp: 487534
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

Tgt Ion: 164 Resp: 194406
Ion Ratio Lower Upper
164 100
162 101.7 83.2 124.8
160 45.2 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 81.315 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.02 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

Instrument :

BNA_F

ClientSampleId :

S-1

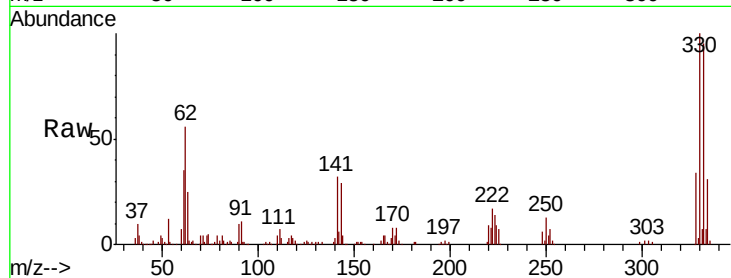
Tot Ion:330 Resp: 196474

Ion Ratio Lower Upper

330 100

332 96.3 77.3 115.9

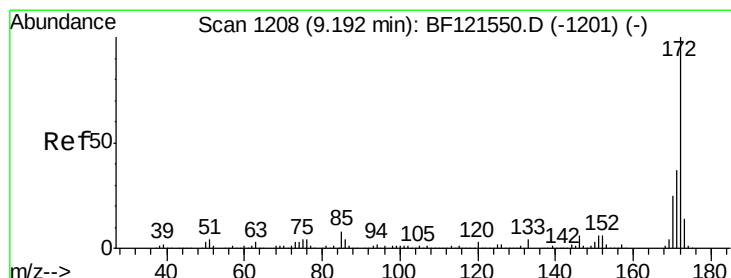
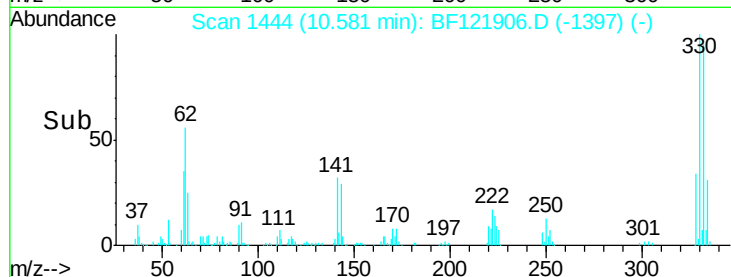
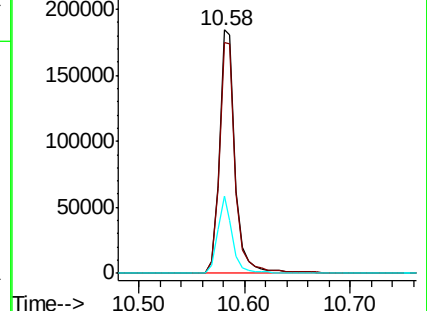
141 29.8 22.3 33.5



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: 65.883 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

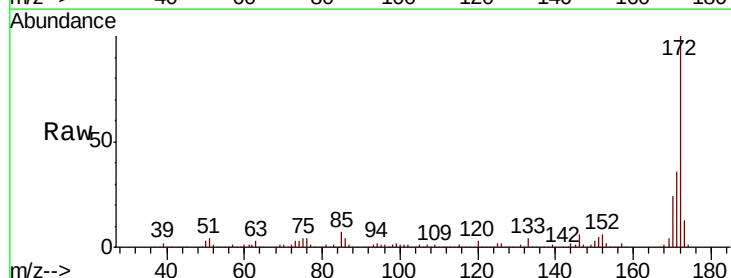
Tgt Ion:172 Resp: 845675

Ion Ratio Lower Upper

172 100

171 35.5 29.1 43.7

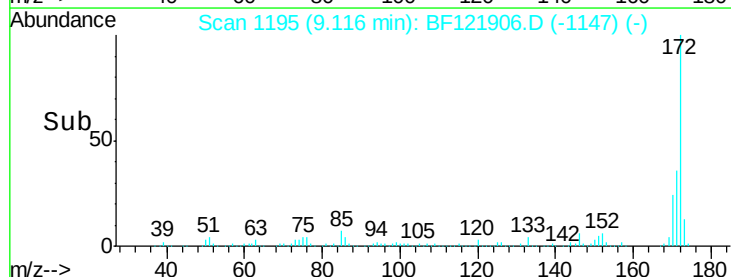
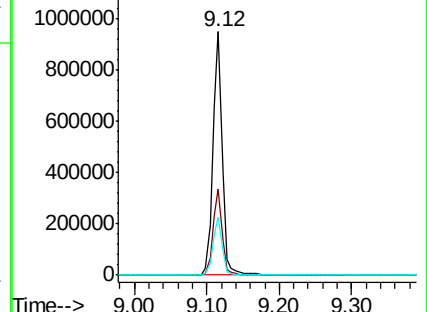
170 23.8 19.8 29.6

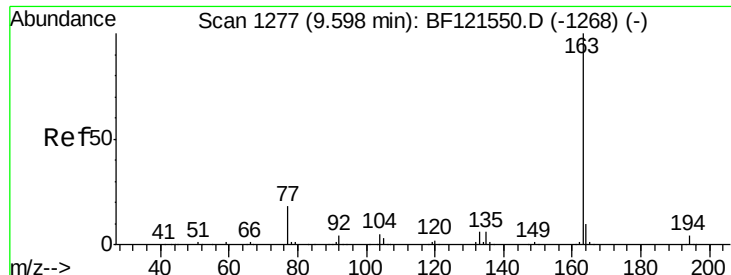


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

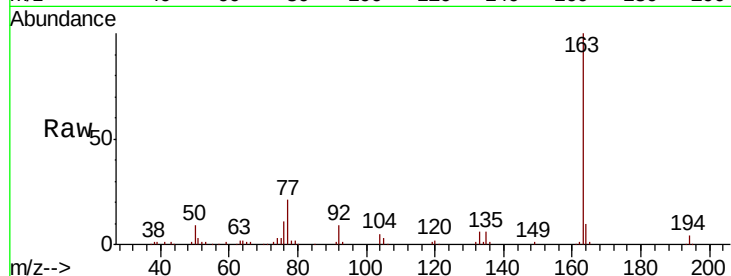




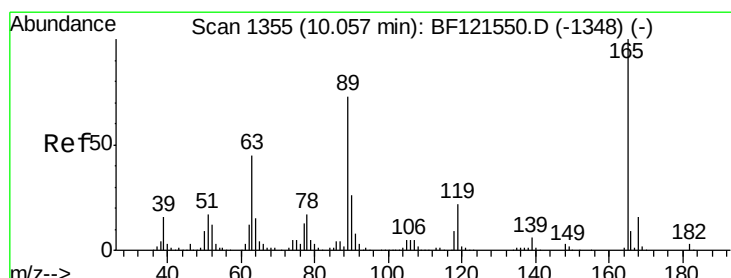
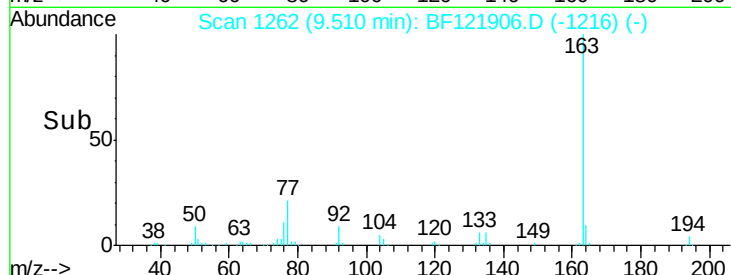
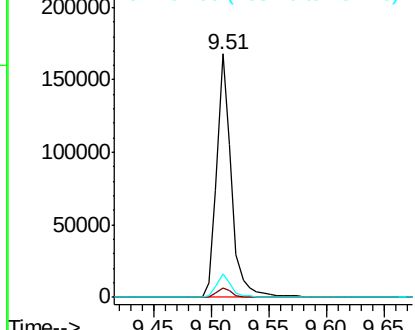
#50
Dimethylphthalate
Concen: 10.556 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion:163 Resp: 148741
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.9 8.2 12.4

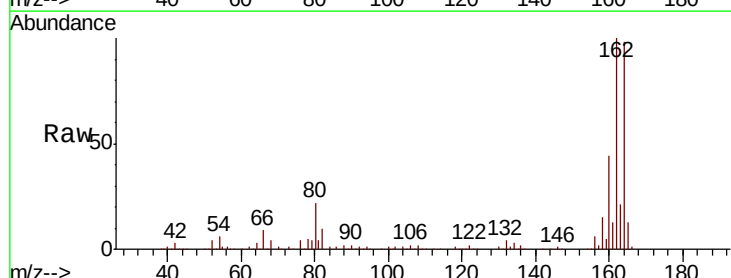


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

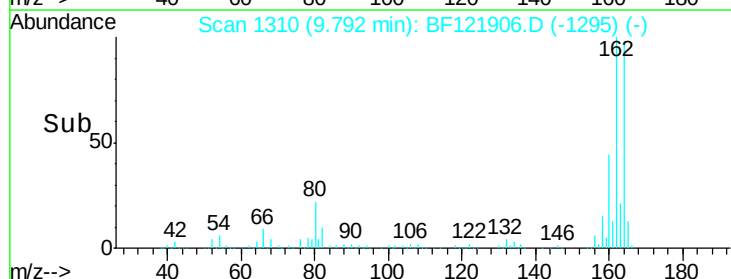
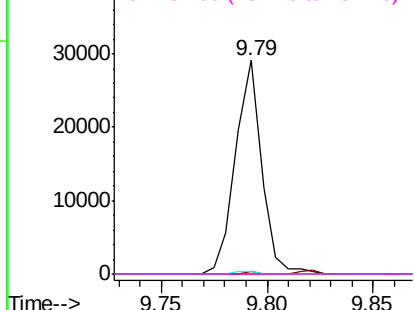


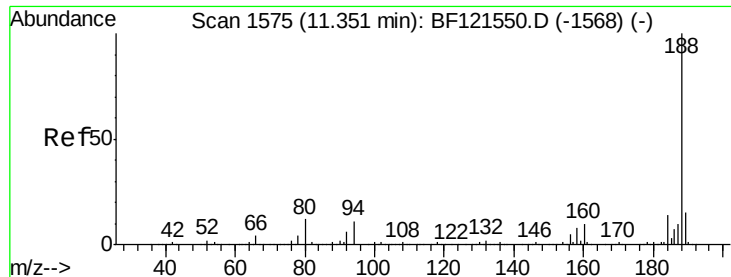
#57
2,4-Dinitrotoluene
Concen: 6.647 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

Tgt Ion:165 Resp: 25093
Ion Ratio Lower Upper
165 100
63 1.4 41.3 61.9#
89 1.4 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

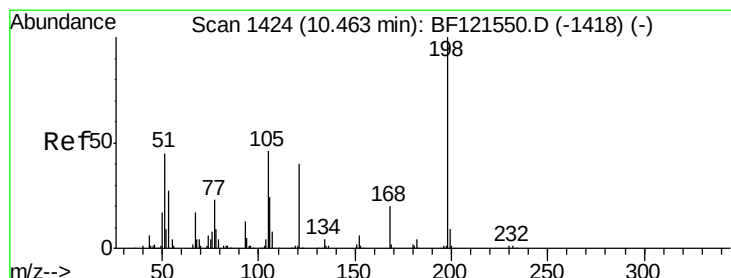
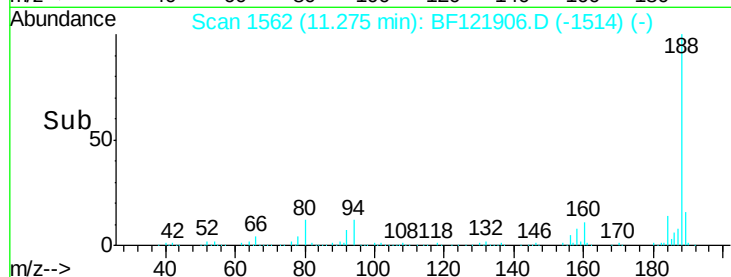
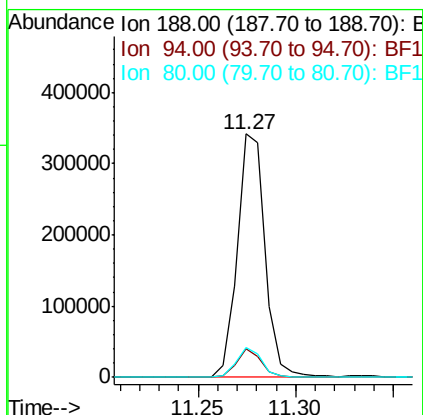
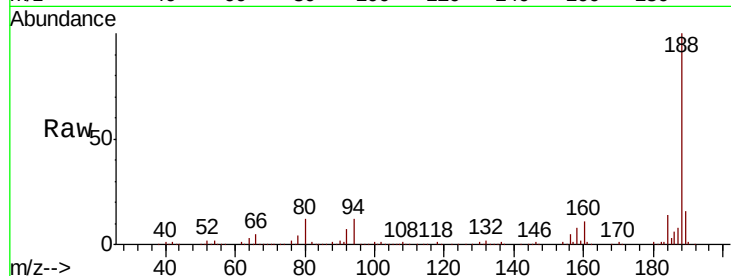




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

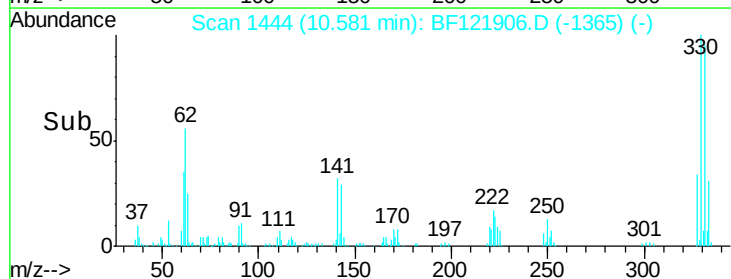
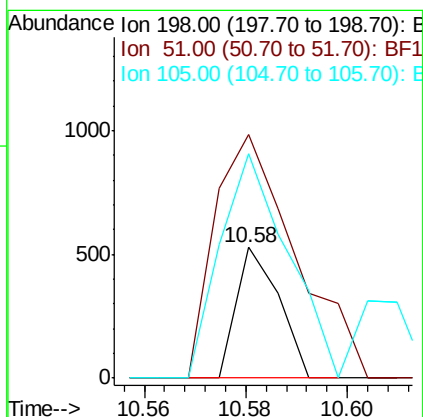
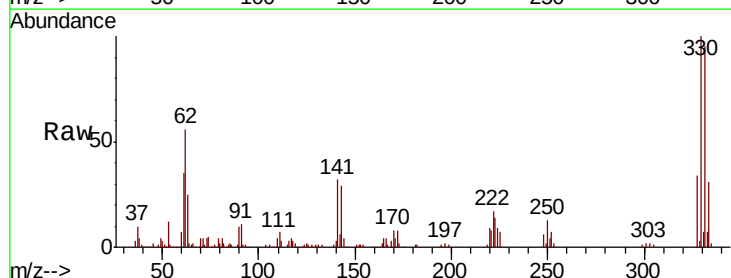
Instrument :
BNA_F
ClientSampleId :
S-1

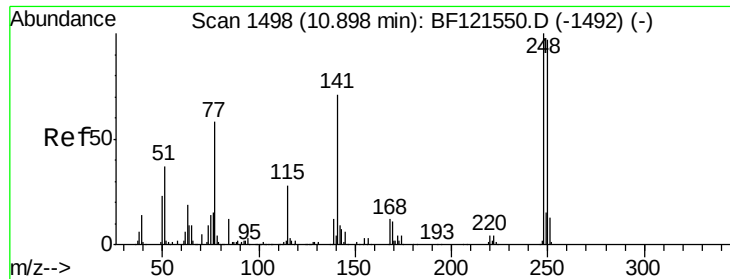
Tot Ion:188 Resp: 337033
Ion Ratio Lower Upper
188 100
94 11.6 8.3 12.5
80 12.4 9.1 13.7



#65
4,6-Dinitro-2-methylphenol
Concen: 6.979 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.16 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

Tgt Ion:198 Resp: 307
Ion Ratio Lower Upper
198 100
51 186.7 29.6 69.6#
105 171.9 24.4 64.4#

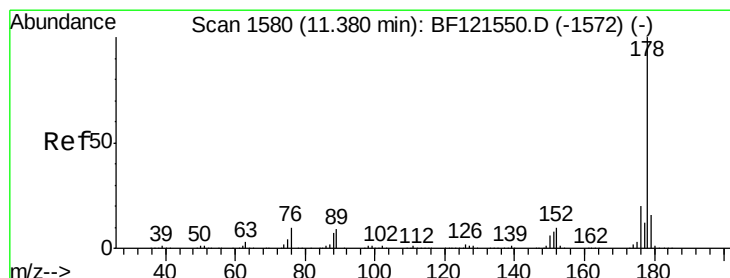
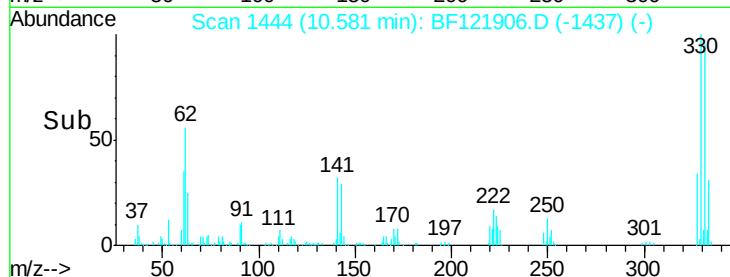
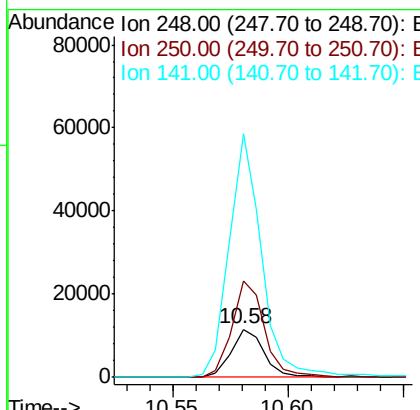
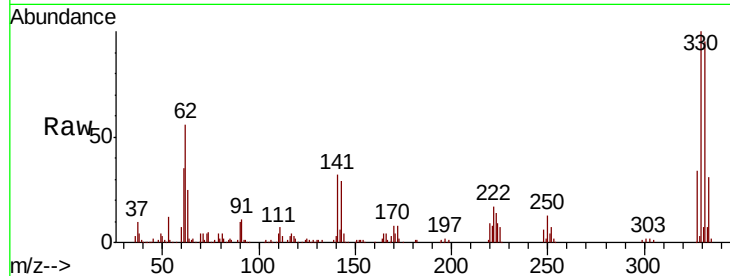




#67
 4-Bromophenyl-phenylether
 Concen: 2.968 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.26 min
 Lab File: BF121906.D
 Acq: 9 Oct 2020 15:09

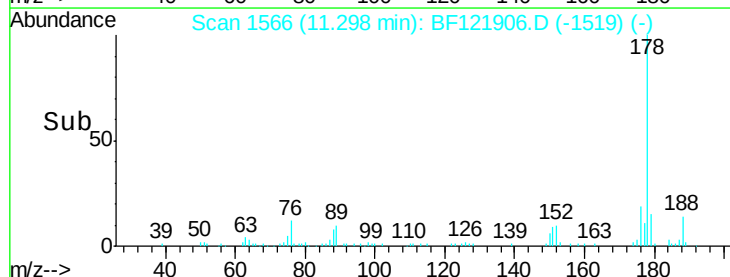
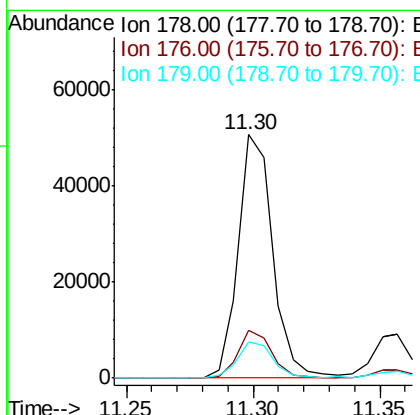
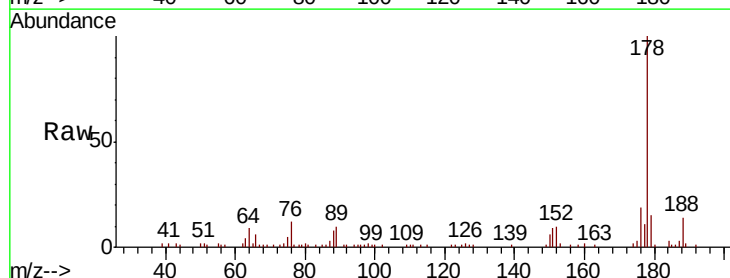
Instrument :
 BNA_F
 ClientSampled :
 S-1

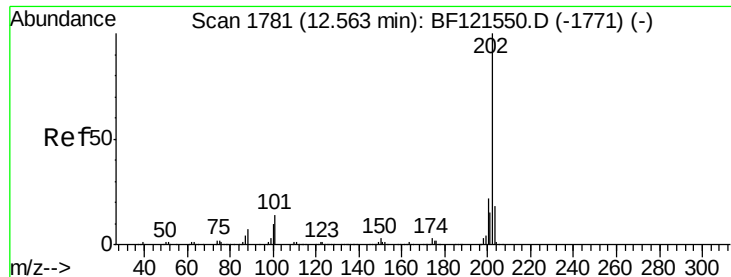
Tot Ion:248 Resp: 11389
 Ion Ratio Lower Upper
 248 100
 250 200.4 77.0 115.6#
 141 509.0 53.7 80.5#



#71
 Phenanthrene
 Concen: 2.610 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF121906.D
 Acq: 9 Oct 2020 15:09

Tgt Ion:178 Resp: 47927
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 14.8 12.2 18.4





#75

Fluoranthene

Concen: 2.606 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

Instrument :

BNA_F

ClientSampled :

S-1

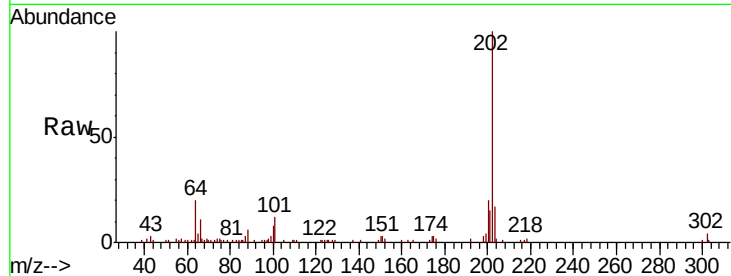
Tot Ion:202 Resp: 51080

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.4

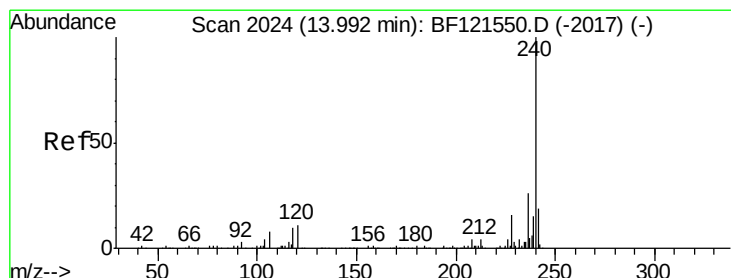
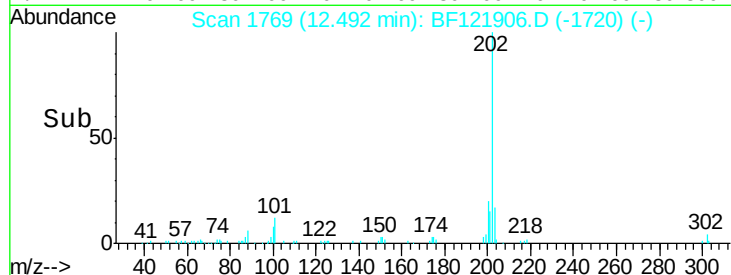
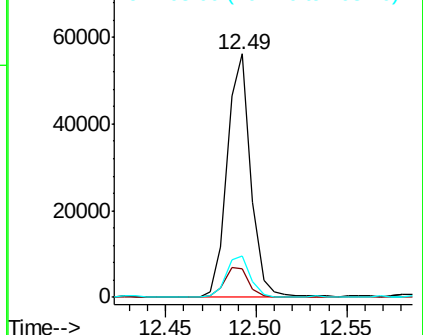
203 17.2 0.0 37.9



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

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.02 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

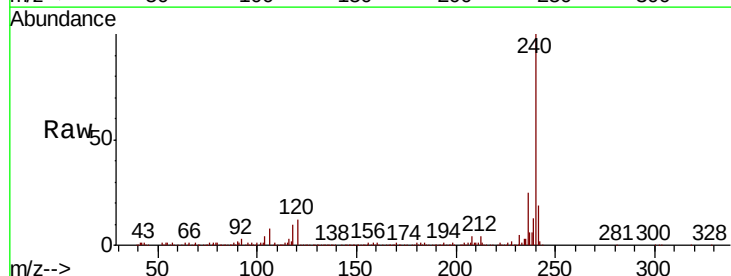
Tgt Ion:240 Resp: 231850

Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

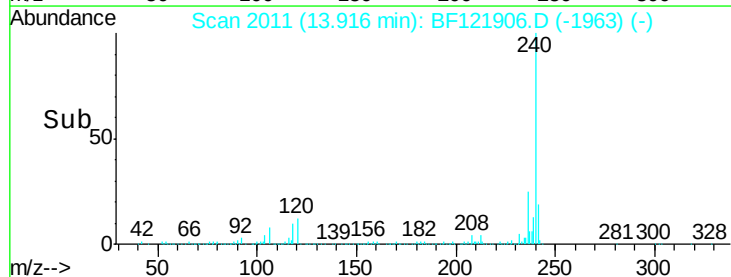
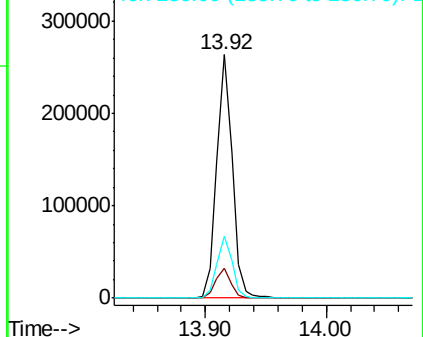
236 25.4 20.9 31.3

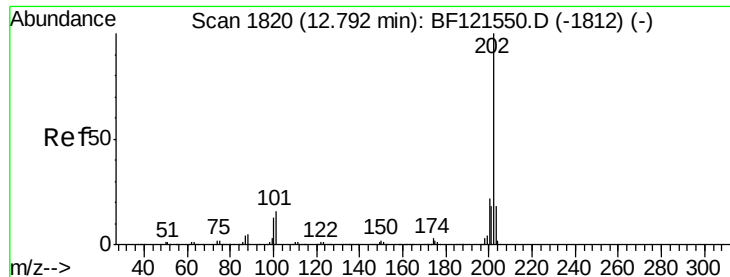


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.243 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

Instrument :

BNA_F

ClientSampled :

S-1

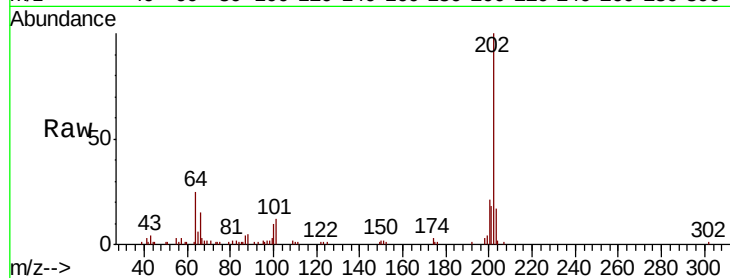
Tot Ion:202 Resp: 37995

Ion Ratio Lower Upper

202 100

200 20.8 17.4 26.2

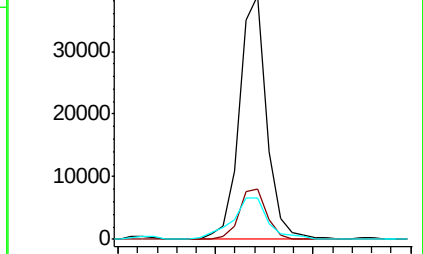
203 17.0 14.6 21.8



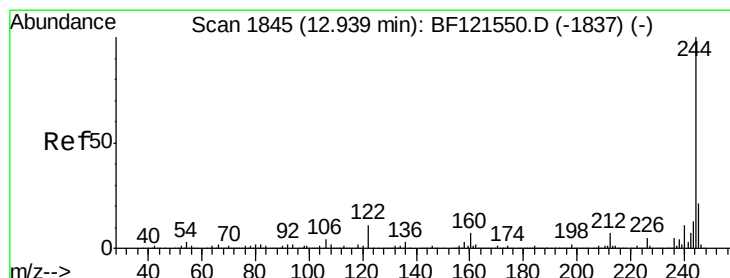
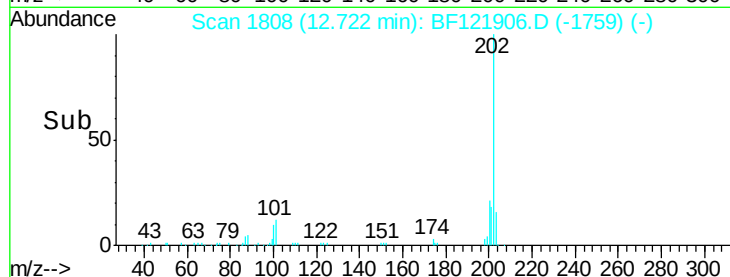
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.65 12.70 12.75



#79

Terphenyl-d14

Concen: 58.699 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

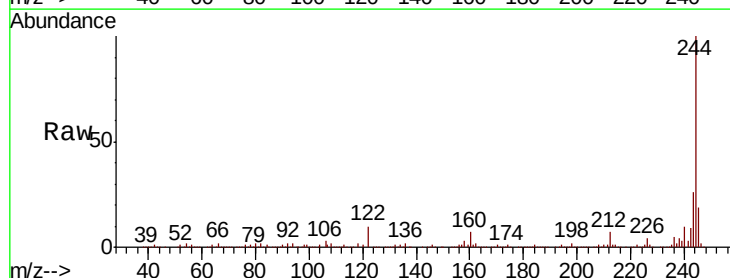
Tgt Ion:244 Resp: 671764

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

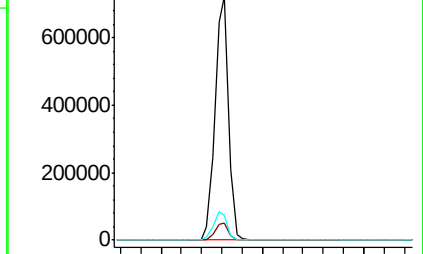
122 10.1 8.1 12.1



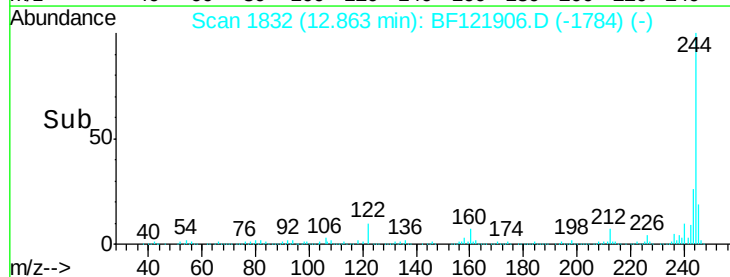
Abundance Ion 244.00 (243.70 to 244.70): E

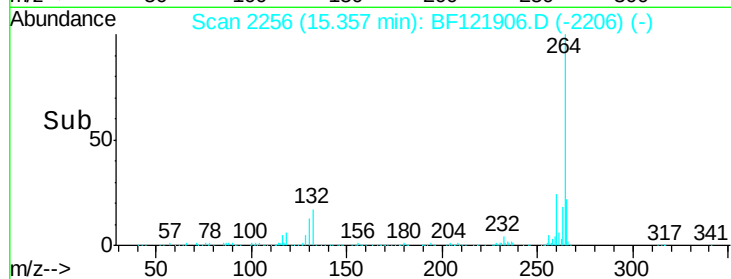
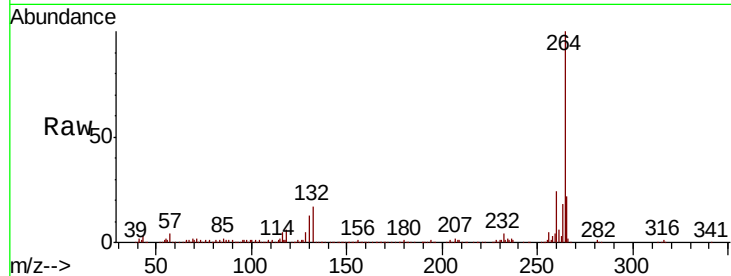
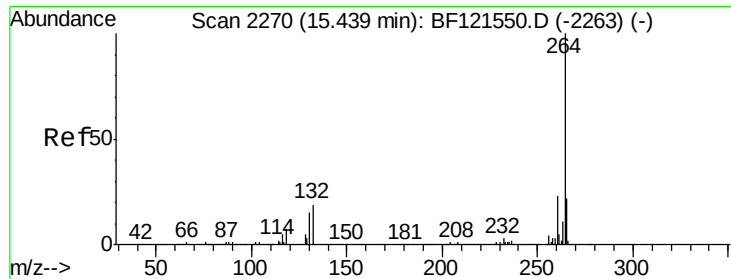
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.80 12.90 13.00





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.7	17.3	25.9

