

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
 Data File : BF121895.D
 Acq On : 8 Oct 2020 18:19
 Operator : JU/CG
 Sample : L4303-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-20201006

Quant Time: Oct 08 18:46:57 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

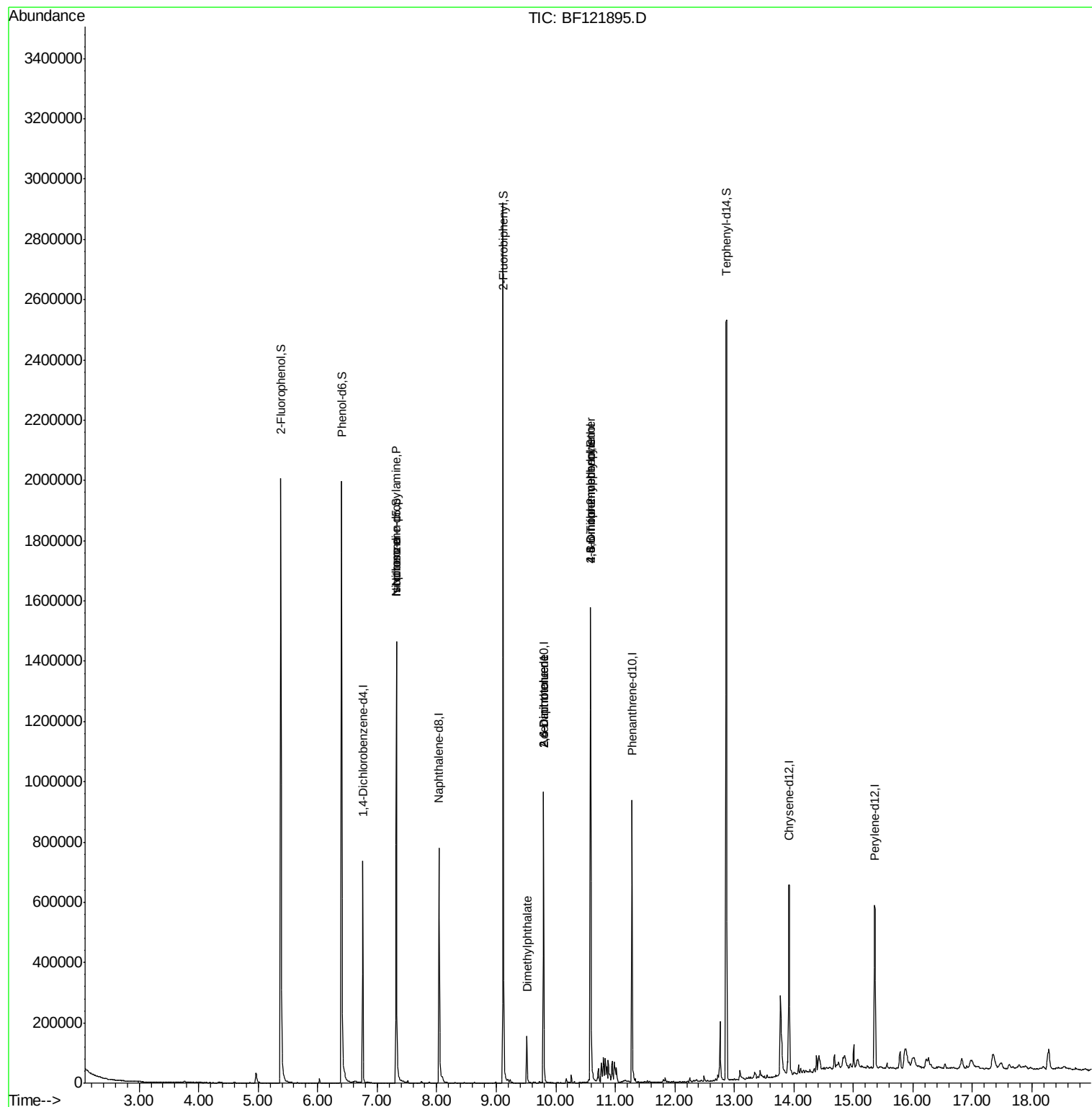
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	92758	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	374605	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	191374	20.00	ng	-0.02
64) Phenanthrene-d10	11.28	188	340654	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	229064	20.00	ng	-0.01
86) Perylene-d12	15.36	264	241456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	569542	91.25	ng	0.00
7) Phenol-d6	6.40	99	731526	89.33	ng	-0.01
23) Nitrobenzene-d5	7.32	82	498374	71.43	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	208262	87.56	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	896594	70.96	ng	-0.02
79) Terphenyl-d14	12.87	244	860767	76.13	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	65612	13.903	ng	# 81
25) Isophorone	7.32	82	498369	35.485	ng	# 67
50) Dimethylphthalate	9.52	163	74559	5.375	ng	# 98
51) 2,6-Dinitrotoluene	9.79	165	24171	8.183	ng	# 20
57) 2,4-Dinitrotoluene	9.79	165	24171	6.504	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.59	198	289	6.971	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	11904	3.069	ng	# 1

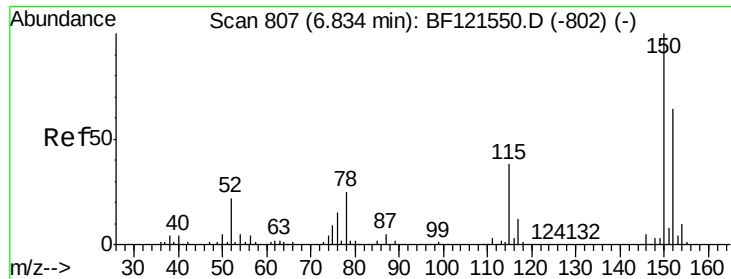
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100820\
Data File : BF121895.D
Acq On : 8 Oct 2020 18:19
Operator : JU/CG
Sample : L4303-21
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-20201006

Quant Time: Oct 08 18:46:57 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



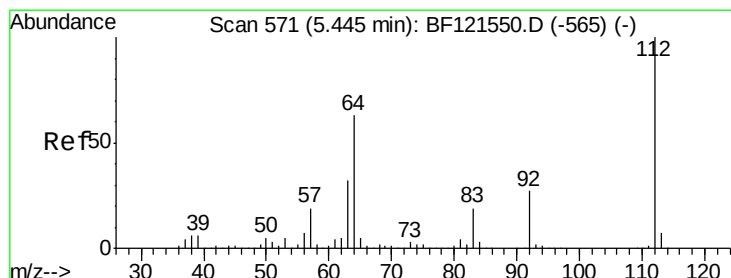
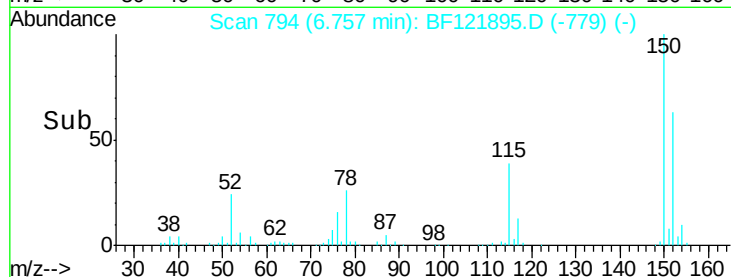
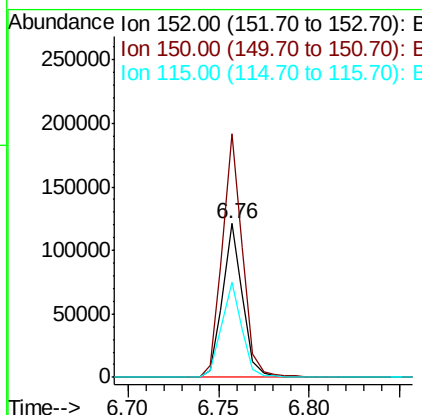
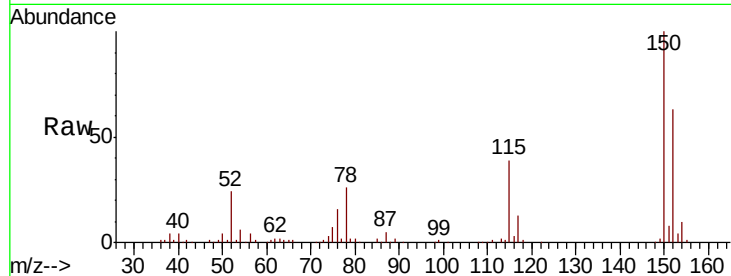


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

Instrument :
BNA_F
ClientSampleId :
IDW-20201006

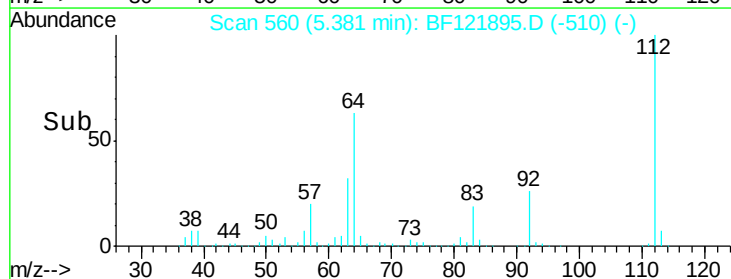
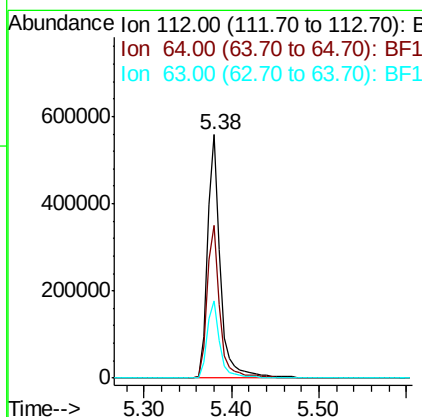
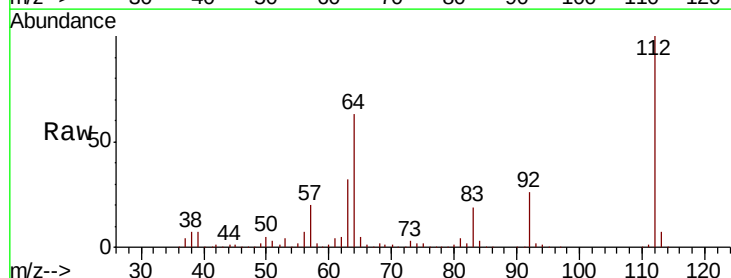
Tot Ion:152 Resp: 92758
Ion Ratio Lower Upper
152 100
150 158.3 125.3 187.9
115 62.3 51.9 77.9

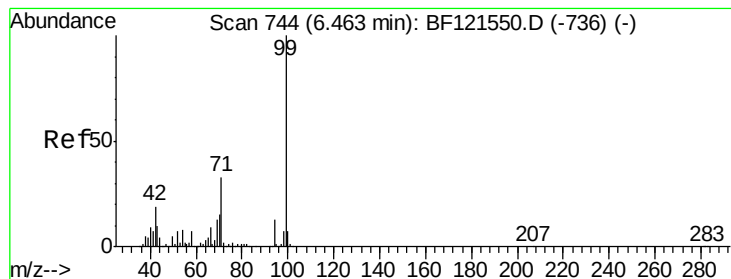


#5

2-Fluorophenol
Concen: 91.249 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

Tgt Ion:112 Resp: 569542
Ion Ratio Lower Upper
112 100
64 62.8 50.4 75.6
63 31.8 25.8 38.6





#7

Phenol-d6

Concen: 89.335 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121895.D

Acq: 8 Oct 2020 18:19

Instrument :

BNA_F

ClientSampleId :

IDW-20201006

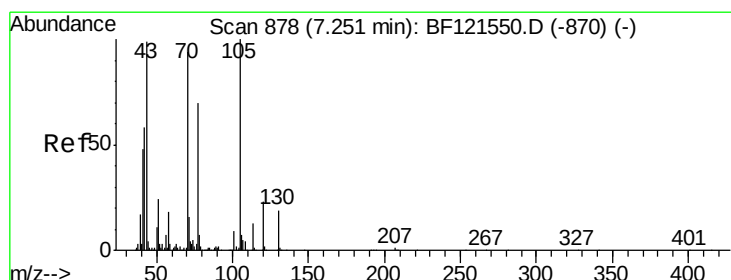
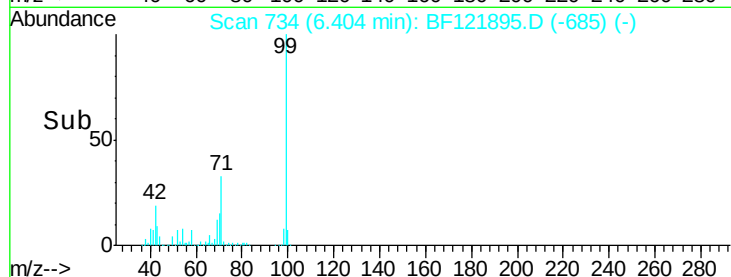
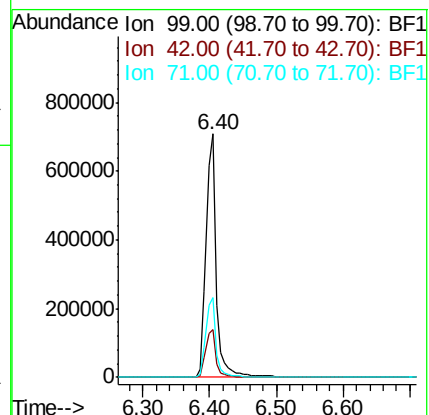
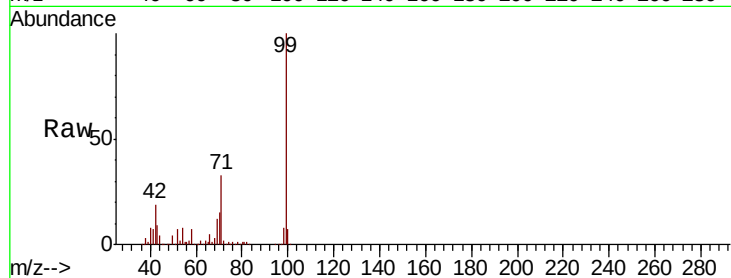
Tot Ion: 99 Resp: 731526

Ion Ratio Lower Upper

99 100

42 19.4 15.9 23.9

71 32.8 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.903 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.13 min

Lab File: BF121895.D

Acq: 8 Oct 2020 18:19

Tgt Ion: 70 Resp: 65612

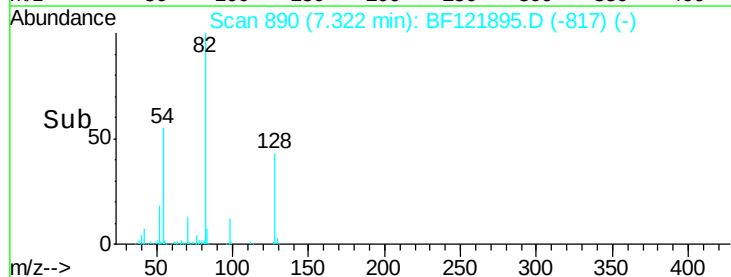
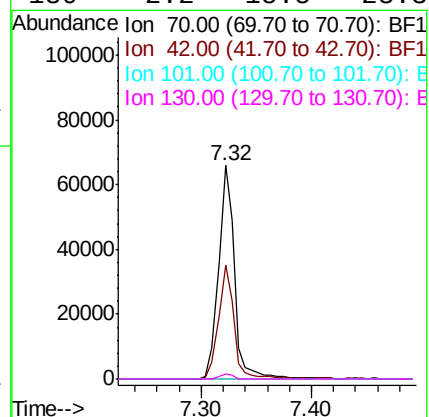
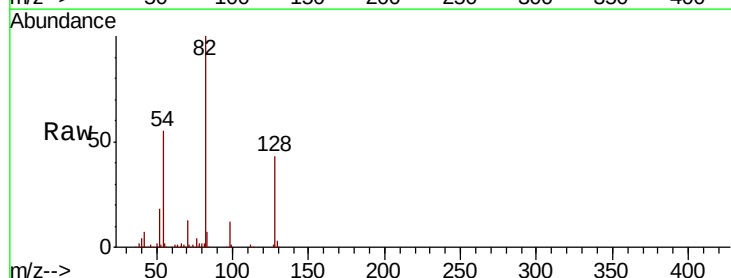
Ion Ratio Lower Upper

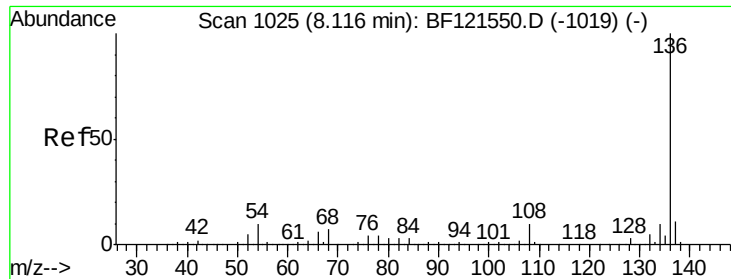
70 100

42 53.1 50.2 75.4

101 0.0 7.5 11.3#

130 2.2 15.5 23.3#

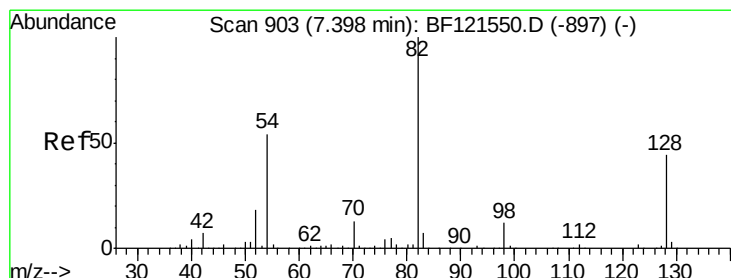
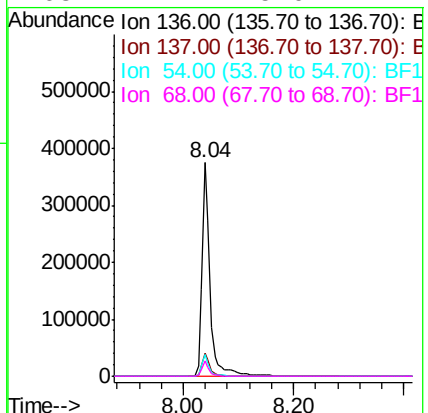
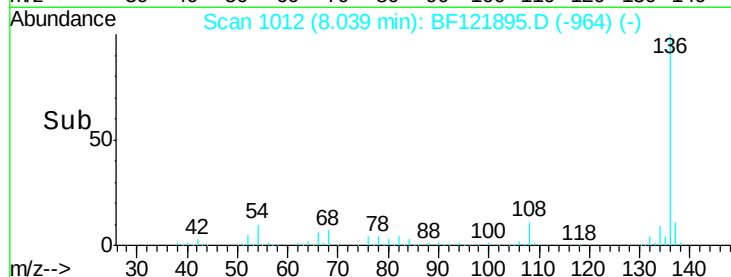
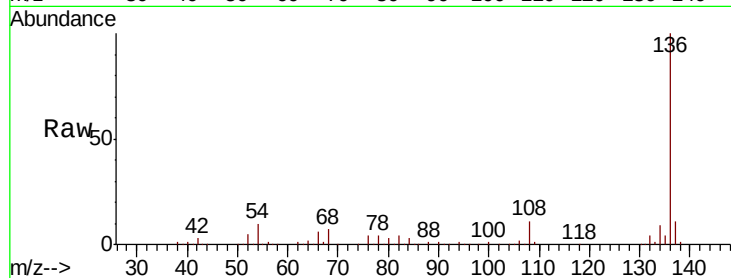




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

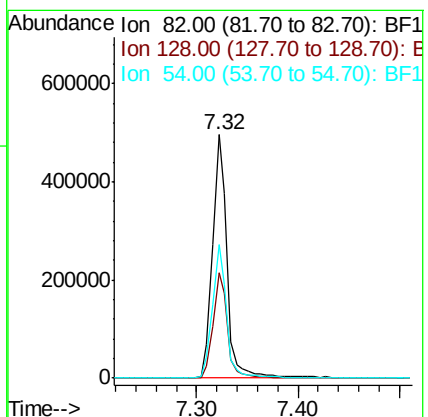
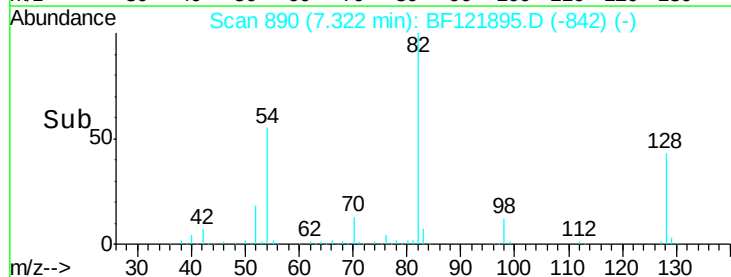
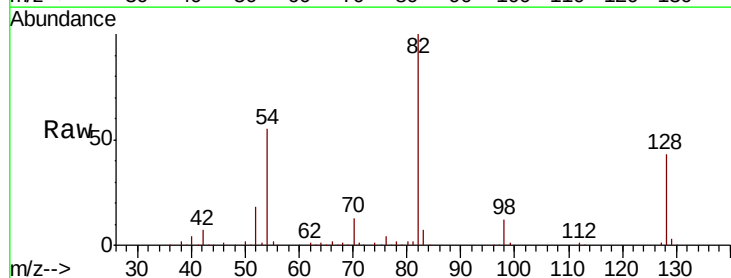
Instrument :
BNA_F
ClientSampleId :
IDW-20201006

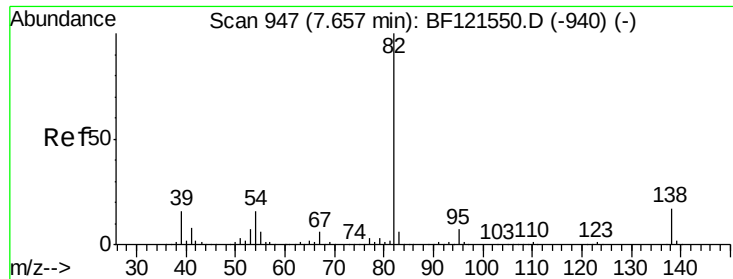
Tot Ion:136	Resp:	374605
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	10.0	7.1 10.7
68	7.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 71.432 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

Tgt Ion: 82	Resp:	498374
Ion	Ratio	Lower Upper
82	100	
128	43.1	35.0 52.4
54	55.0	43.9 65.9

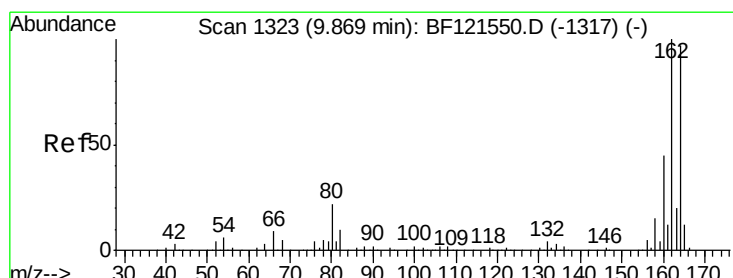
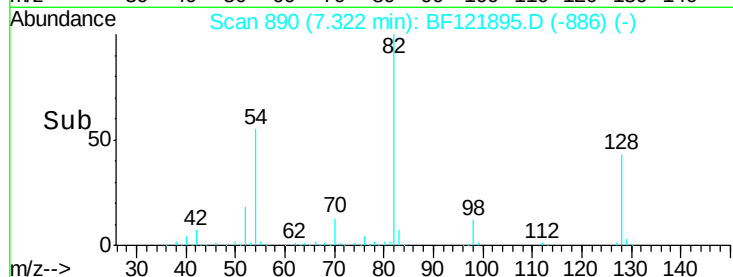
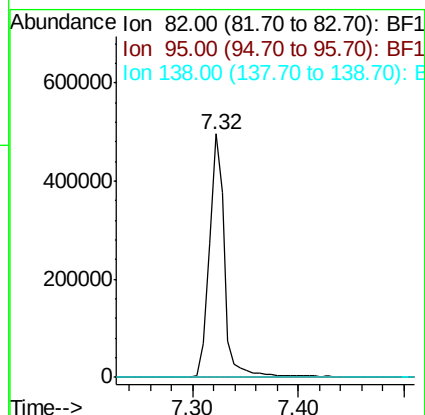
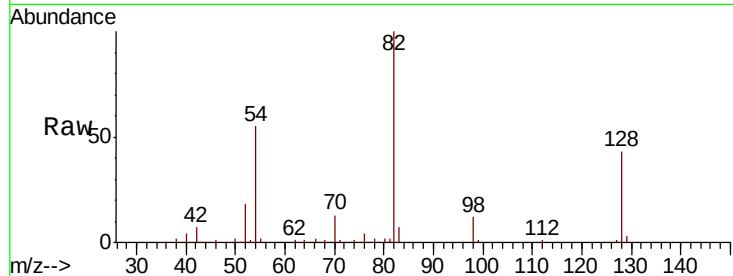




#25
Isophorone
Concen: 35.485 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.28 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

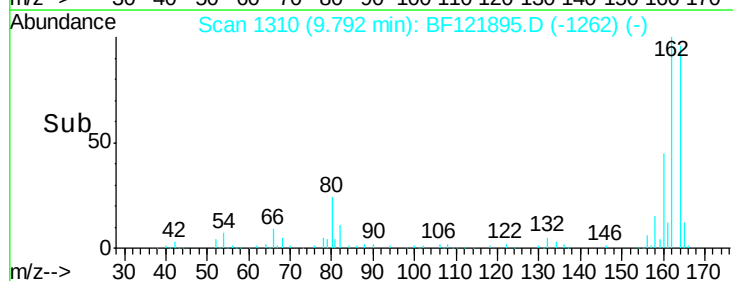
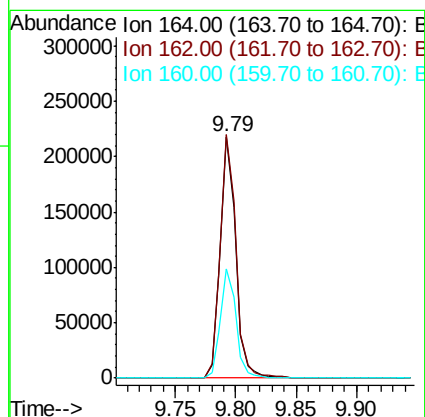
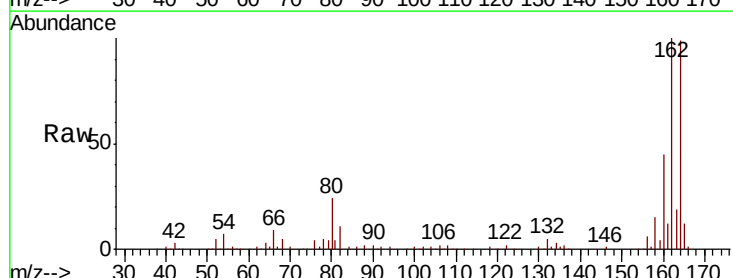
Instrument :
BNA_F
ClientSampleId :
IDW-20201006

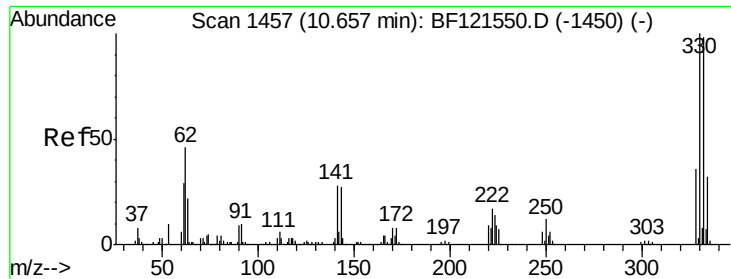
Tot Ion: 82 Resp: 498369
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

Tgt Ion: 164 Resp: 191374
Ion Ratio Lower Upper
164 100
162 100.9 83.2 124.8
160 45.5 37.5 56.3





#42

2,4,6-Tribromophenol

Concen: 87.559 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.02 min

Lab File: BF121895.D

Acq: 8 Oct 2020 18:19

Instrument :

BNA_F

ClientSampleId :

IDW-20201006

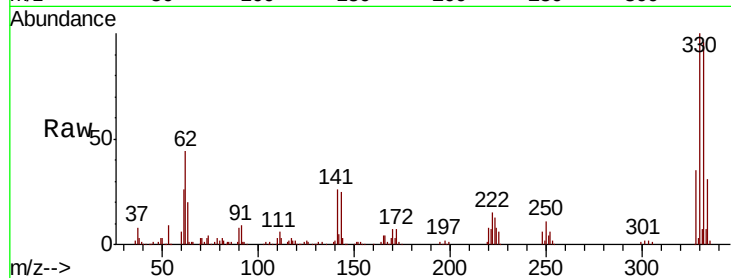
Tot Ion:330 Resp: 208262

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

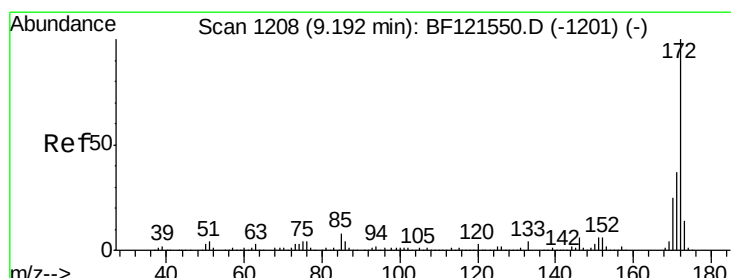
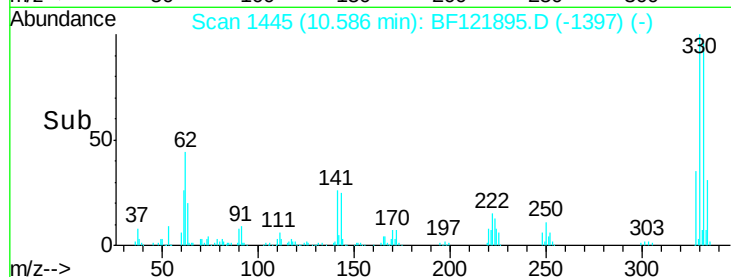
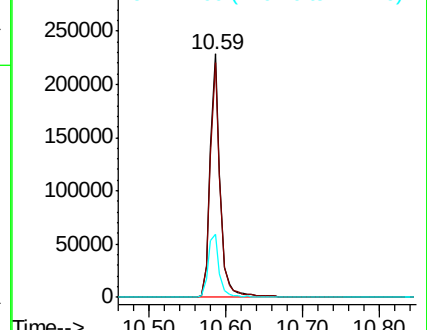
141 29.1 22.3 33.5



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: 70.956 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BF121895.D

Acq: 8 Oct 2020 18:19

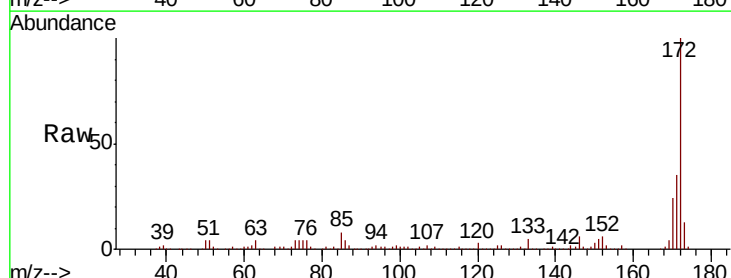
Tgt Ion:172 Resp: 896594

Ion Ratio Lower Upper

172 100

171 35.5 29.1 43.7

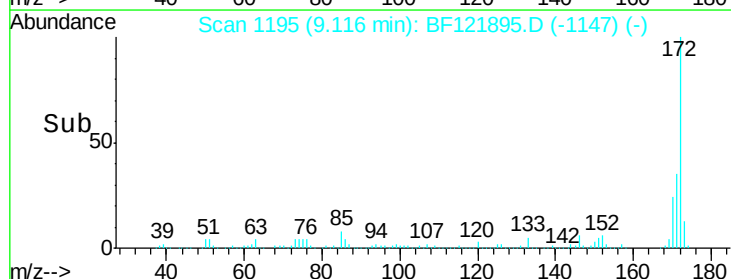
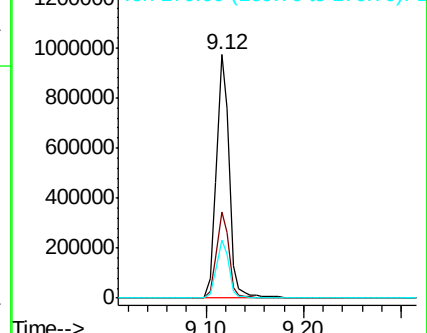
170 23.7 19.8 29.6

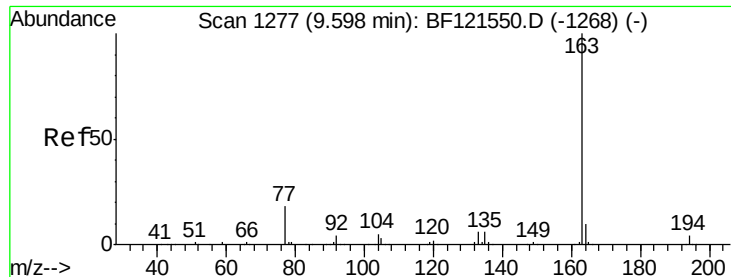


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

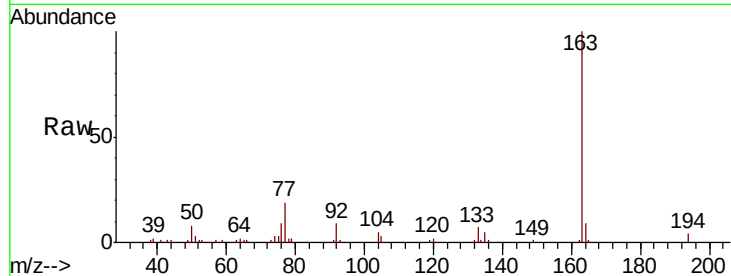




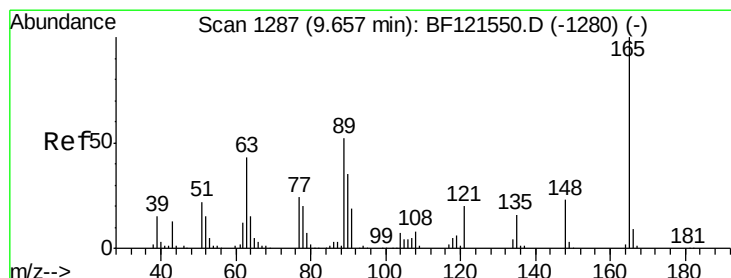
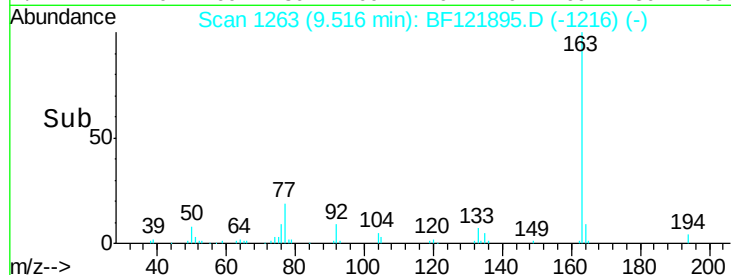
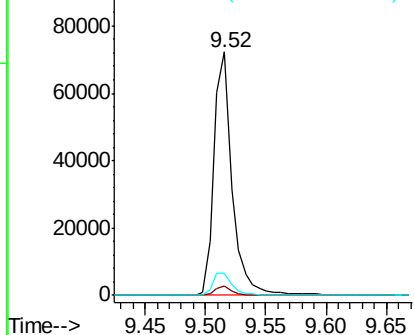
#50
Dimethylphthalate
Concen: 5.375 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

Instrument :
BNA_F
ClientSampleId :
IDW-20201006

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	9.4	8.2	12.4

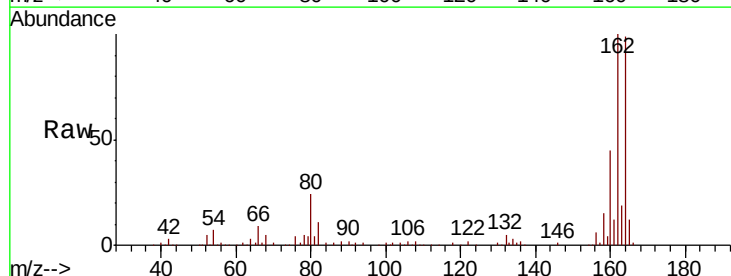


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

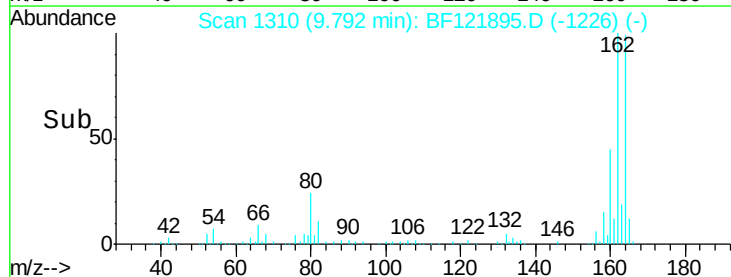
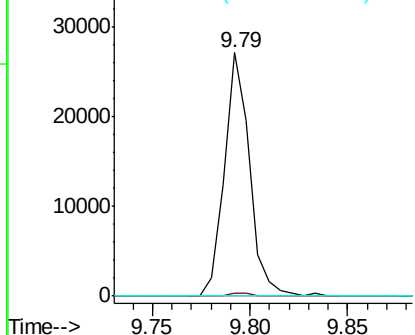


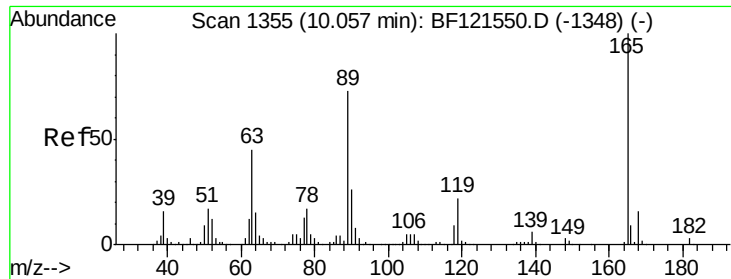
#51
2,6-Dinitrotoluene
Concen: 8.183 ng
RT: 9.79 min Scan# 1310
Delta R.T. 0.19 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	51.8	77.6#
89	0.0	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

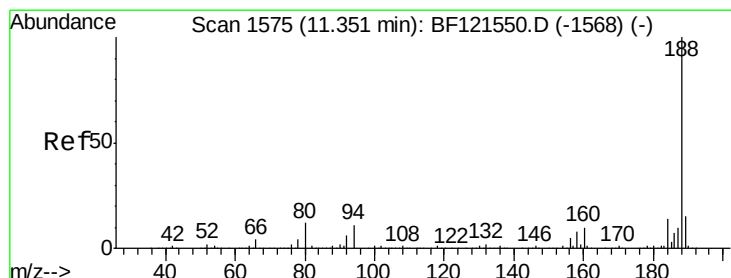
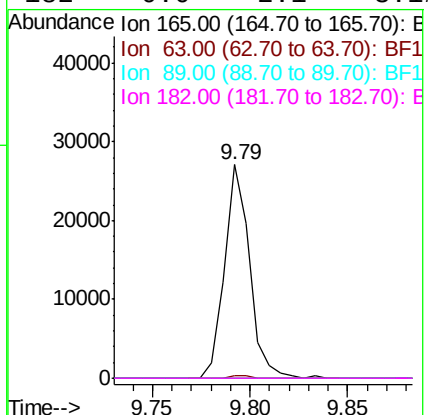
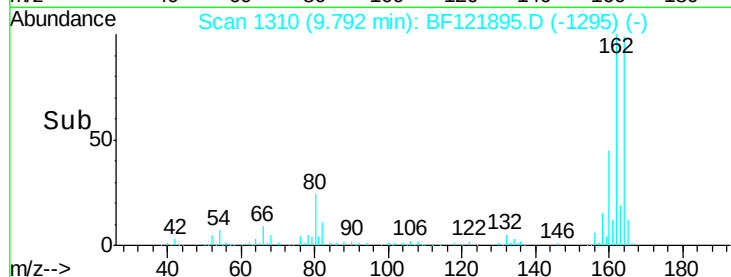
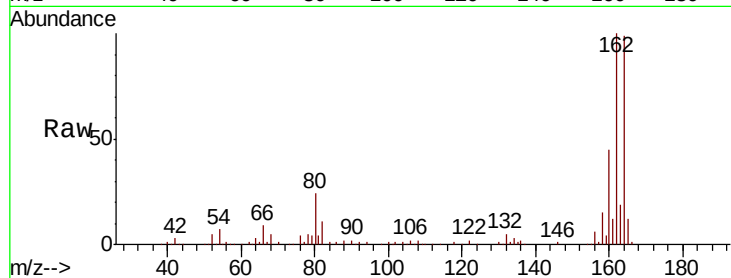




#57
 2,4-Dinitrotoluene
 Concen: 6.504 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.21 min
 Lab File: BF121895.D
 Acq: 8 Oct 2020 18:19

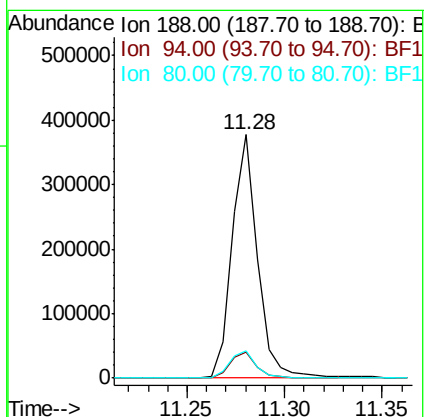
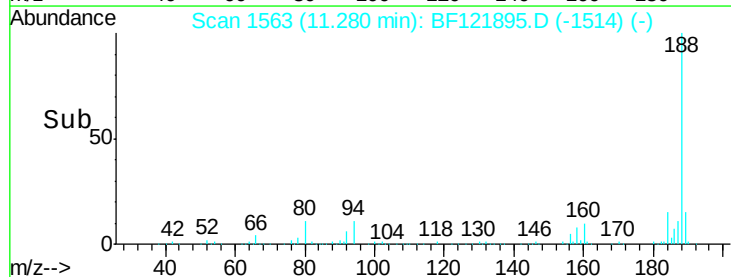
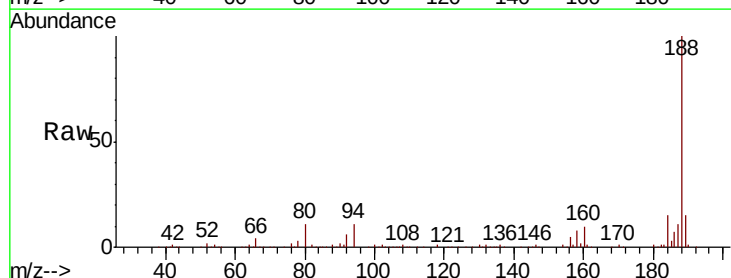
Instrument :
 BNA_F
 ClientSampleId :
 IDW-20201006

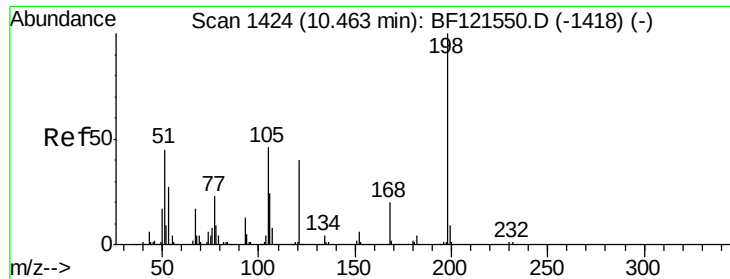
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	41.3	61.9#
89	0.0	61.8	92.8#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121895.D
 Acq: 8 Oct 2020 18:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.3	12.5
80	11.4	9.1	13.7

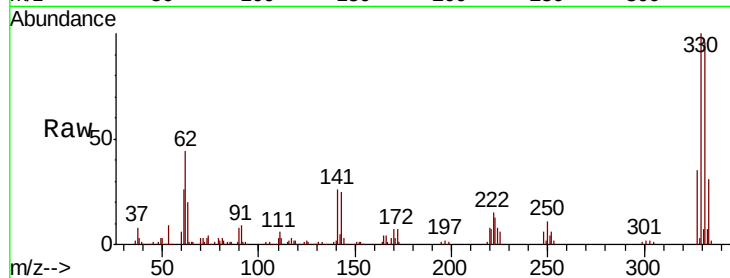




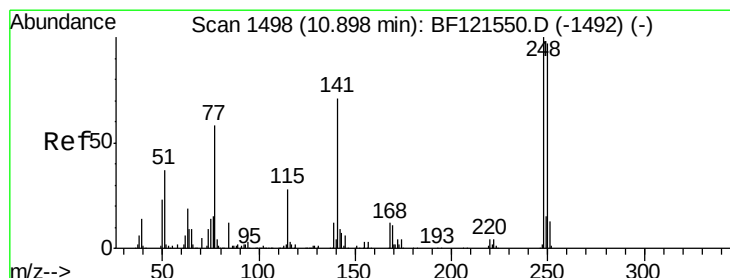
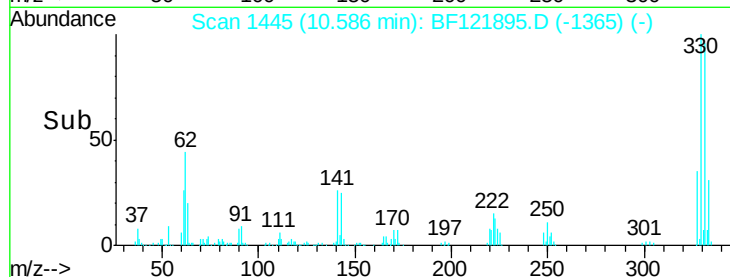
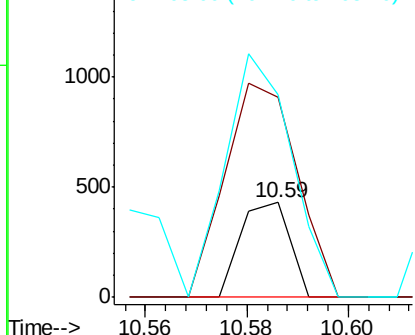
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.971 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. 0.17 min
 Lab File: BF121895.D
 Acq: 8 Oct 2020 18:19

Instrument :
 BNA_F
 ClientSampleId :
 IDW-20201006

Tot Ion:198 Resp: 289
 Ion Ratio Lower Upper
 198 100
 51 210.7 29.6 69.6#
 105 214.4 24.4 64.4#

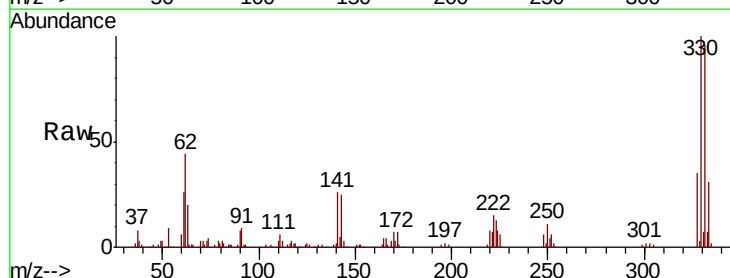


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

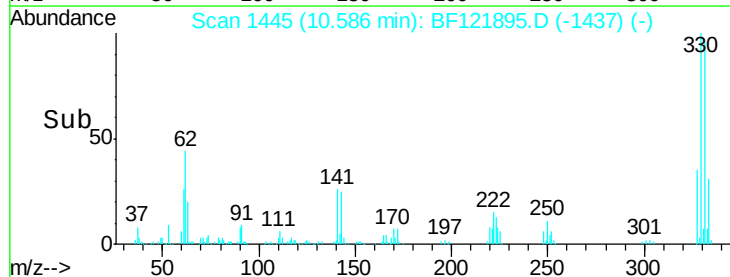
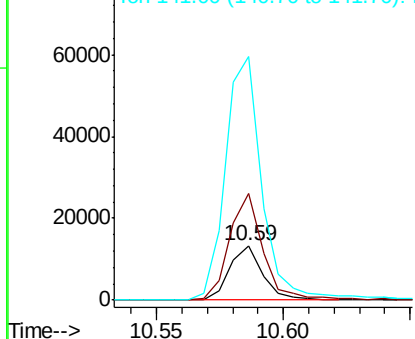


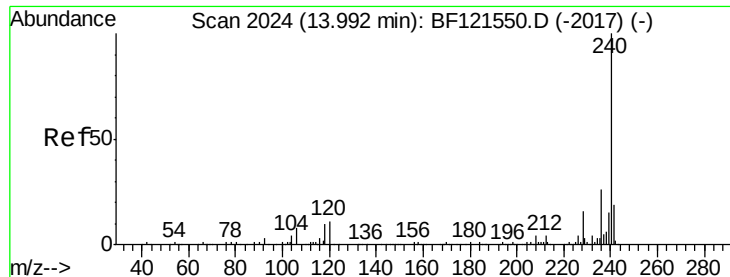
#67
 4-Bromophenyl-phenylether
 Concen: 3.069 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF121895.D
 Acq: 8 Oct 2020 18:19

Tgt Ion:248 Resp: 11904
 Ion Ratio Lower Upper
 248 100
 250 197.8 77.0 115.6#
 141 448.9 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

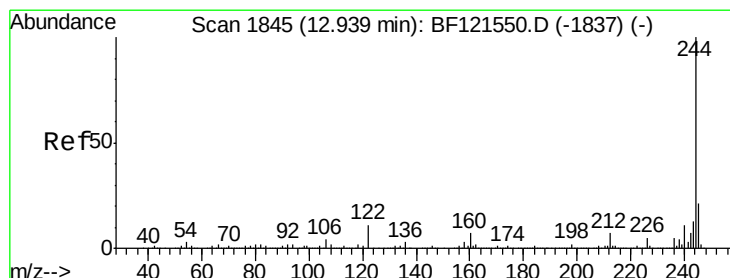
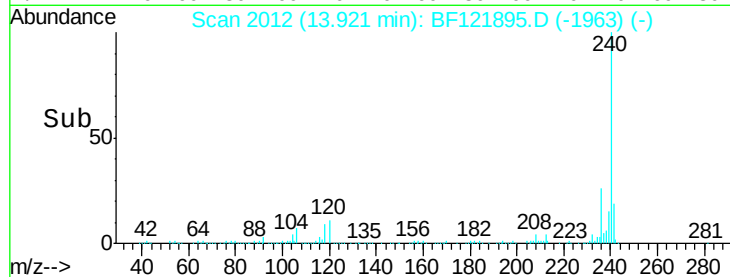
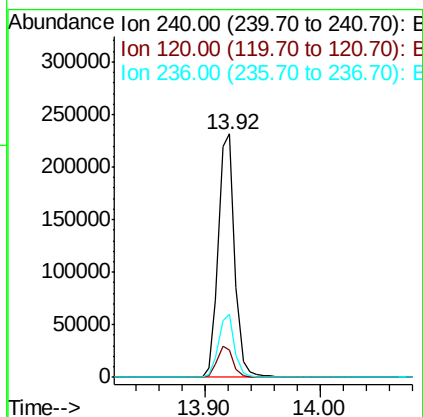
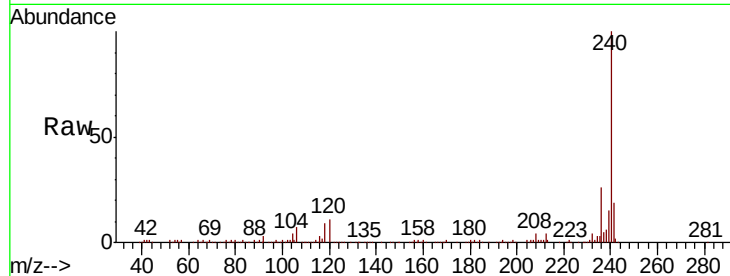




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121895.D
 Acq: 8 Oct 2020 18:19

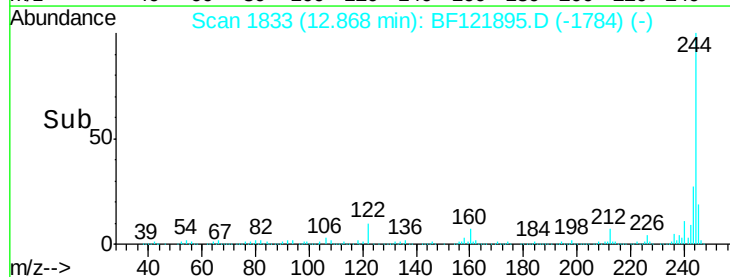
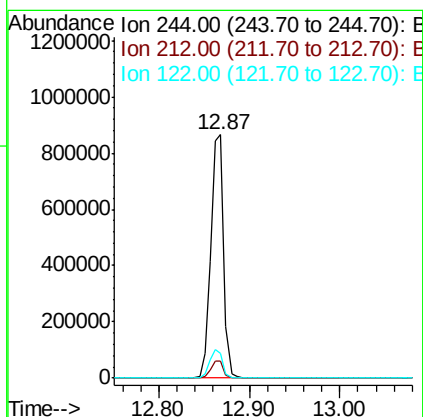
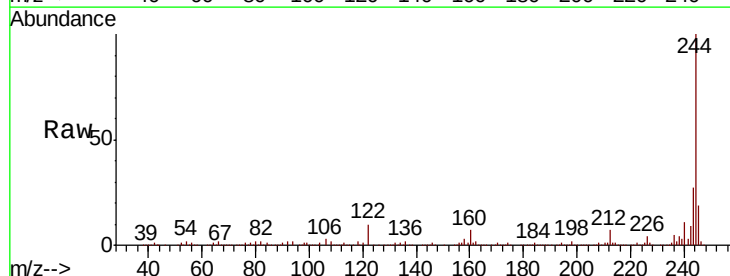
Instrument :
 BNA_F
 ClientSampleId :
 IDW-20201006

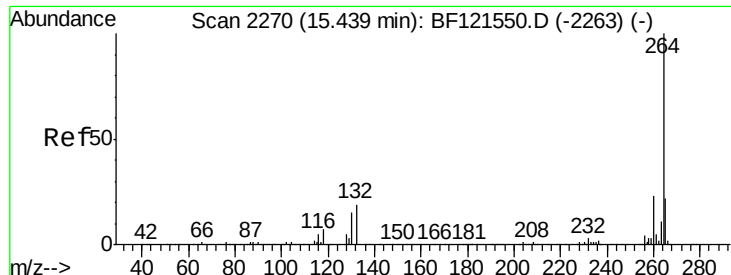
Tot Ion:240 Resp: 229064
 Ion Ratio Lower Upper
 240 100
 120 11.0 9.2 13.8
 236 25.9 20.9 31.3



#79
 Terphenyl-d14
 Concen: 76.129 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF121895.D
 Acq: 8 Oct 2020 18:19

Tgt Ion:244 Resp: 860767
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 9.9 8.1 12.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121895.D
Acq: 8 Oct 2020 18:19

Instrument :
BNA_F
ClientSampleId :
IDW-20201006

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.9	17.3	25.9

