

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100720\
 Data File : BF121865.D
 Acq On : 7 Oct 2020 9:48
 Operator : JU/CG
 Sample : PB132129BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BL

Quant Time: Oct 07 11:25:32 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

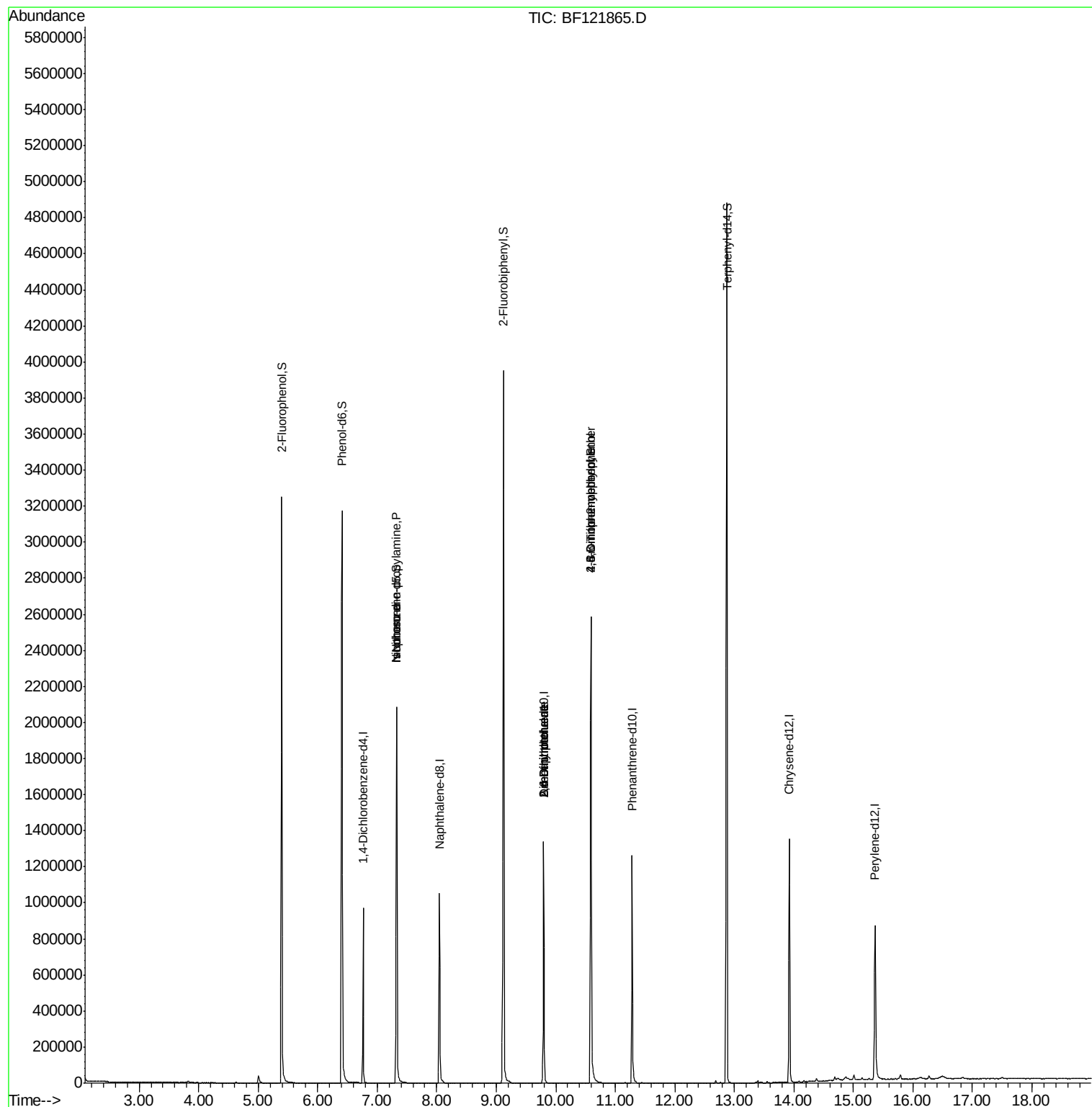
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	135162	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	542151	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	287503	20.00	ng	-0.01
64) Phenanthrene-d10	11.29	188	560548	20.00	ng	0.00
76) Chrysene-d12	13.92	240	499899	20.00	ng	-0.01
86) Perylene-d12	15.36	264	452419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	980192	107.77	ng	0.01
7) Phenol-d6	6.41	99	1269079	106.36	ng	0.00
23) Nitrobenzene-d5	7.33	82	895718	88.71	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	404506	113.20	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1538710	81.06	ng	-0.01
79) Terphenyl-d14	12.87	244	1755550	71.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	119270	17.344	ng	# 79
25) Isophorone	7.33	82	895713	44.067	ng	# 67
50) Dimethylphthalate	9.80	163	56966	2.734	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	36466	8.217	ng	# 21
57) 2,4-Dinitrotoluene	9.80	165	36466	6.532	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	629	7.009	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	23025	3.608	ng	# 1

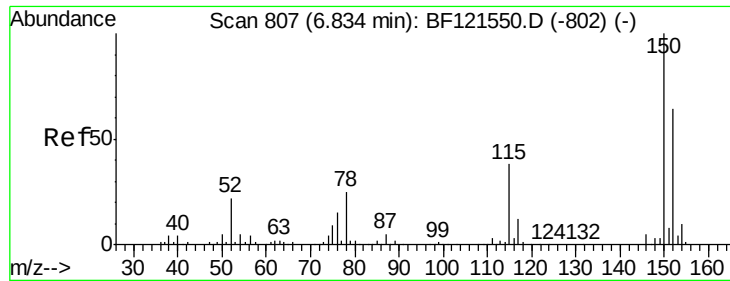
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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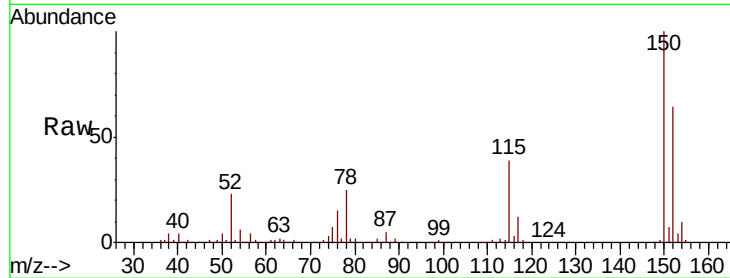


#1

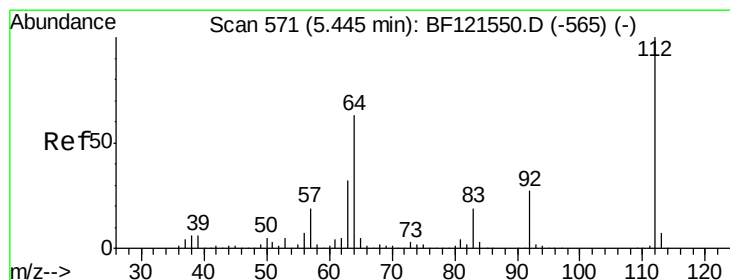
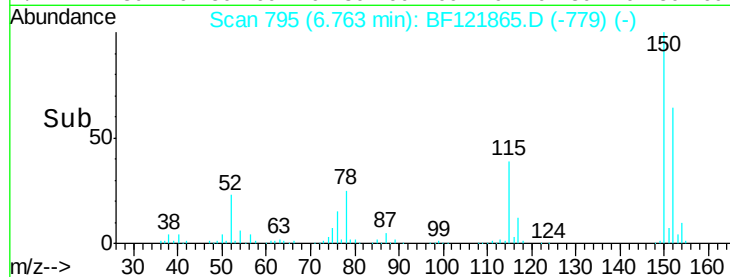
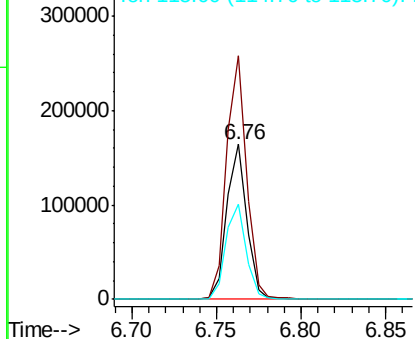
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121865.D
Acq: 7 Oct 2020 9:48

Instrument :
BNA_F
ClientSampleId :
PB132129BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	125.3	187.9
115	61.5	51.9	77.9



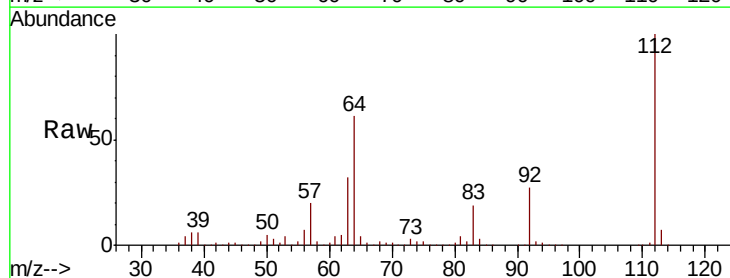
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



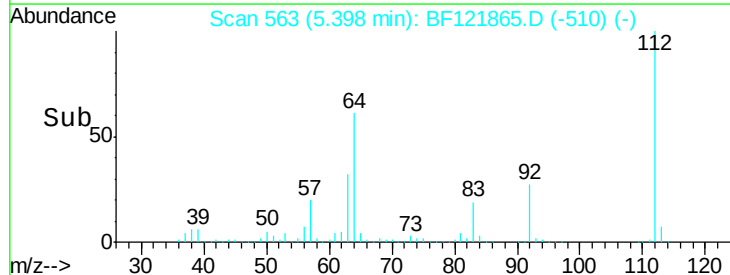
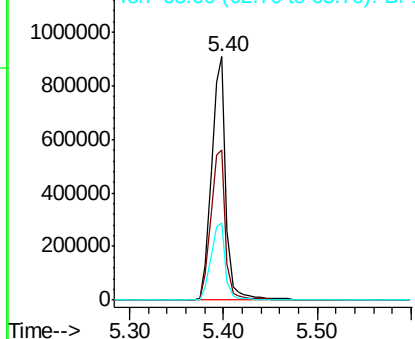
#5

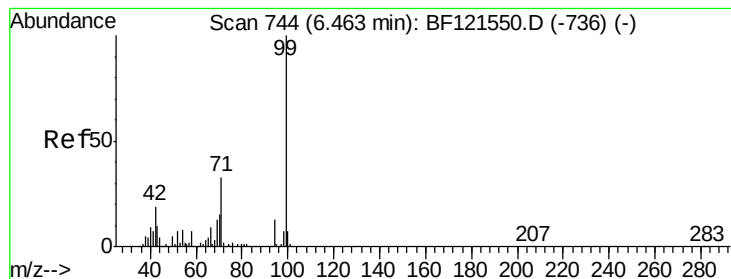
2-Fluorophenol
Concen: 107.774 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF121865.D
Acq: 7 Oct 2020 9:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.5	50.4	75.6
63	32.0	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: 106.359 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB132129BL

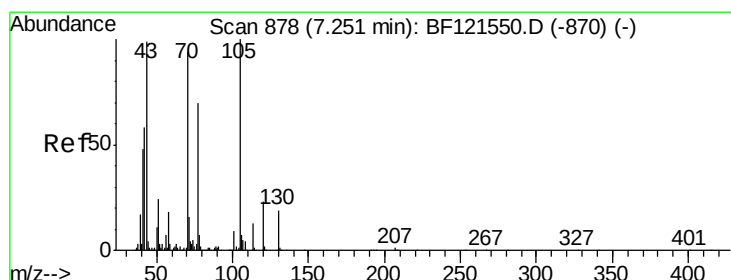
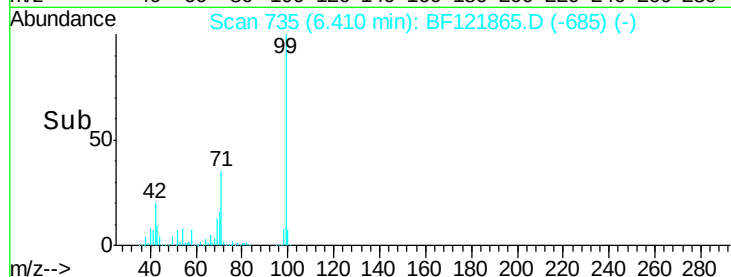
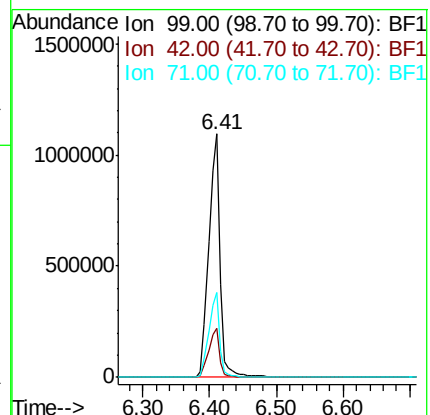
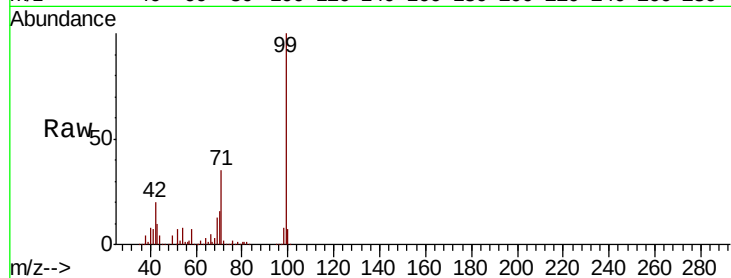
Tot Ion: 99 Resp: 1269079

Ion Ratio Lower Upper

99 100

42 20.3 15.9 23.9

71 35.0 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 17.344 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

Tgt Ion: 70 Resp: 119270

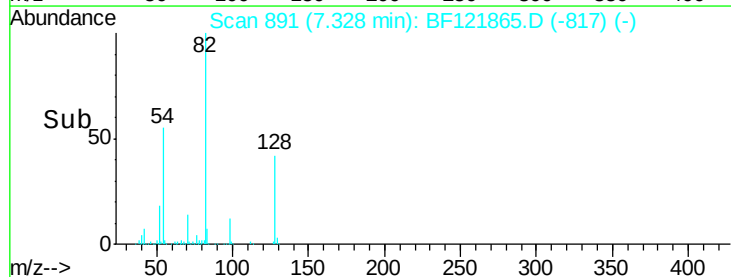
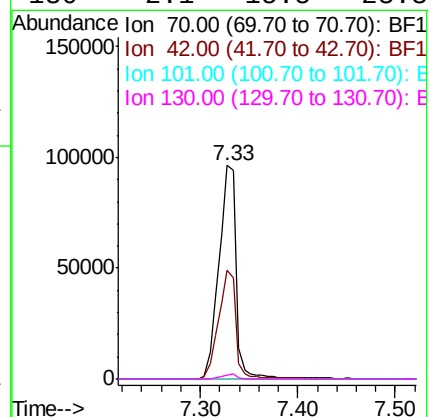
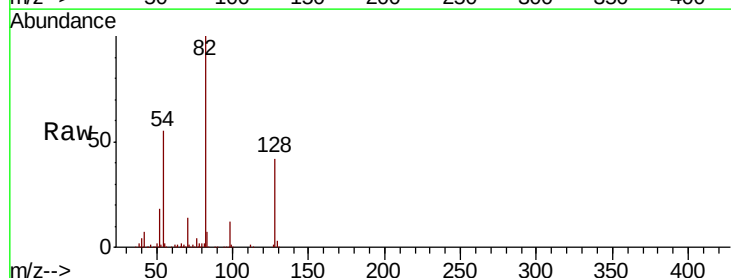
Ion Ratio Lower Upper

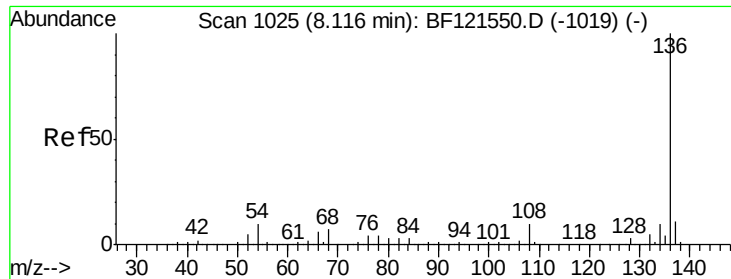
70 100

42 50.9 50.2 75.4

101 0.0 7.5 11.3#

130 2.1 15.5 23.3#

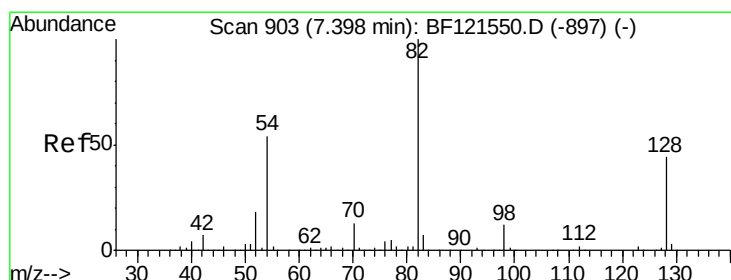
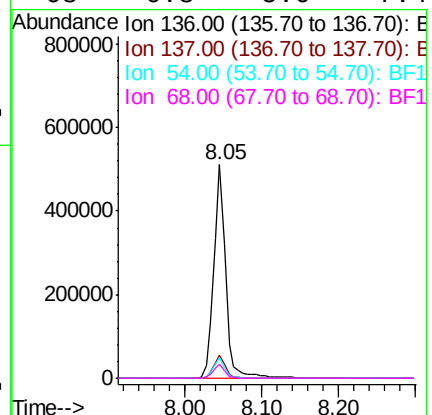
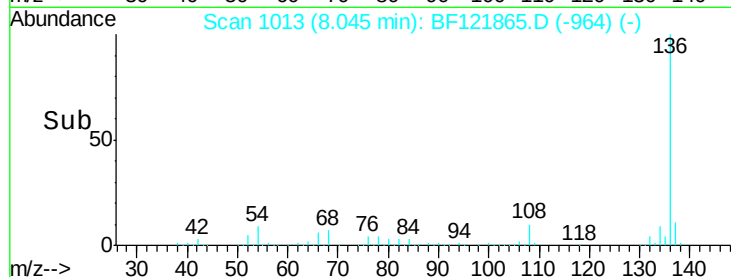
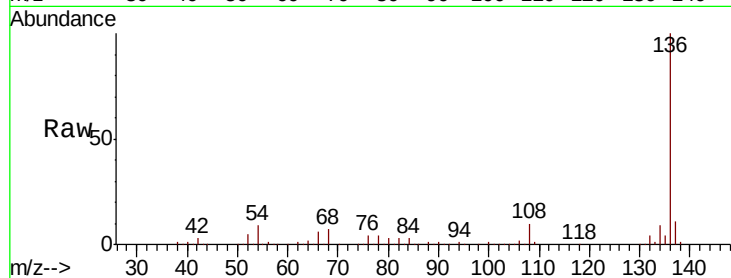




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121865.D
Acq: 7 Oct 2020 9:48

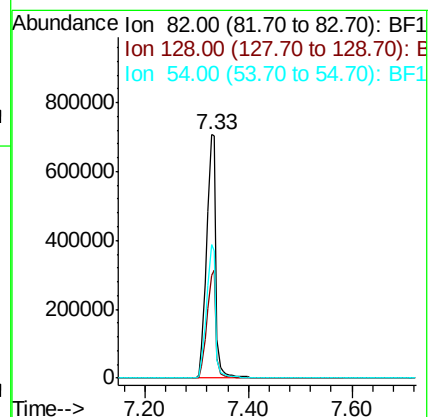
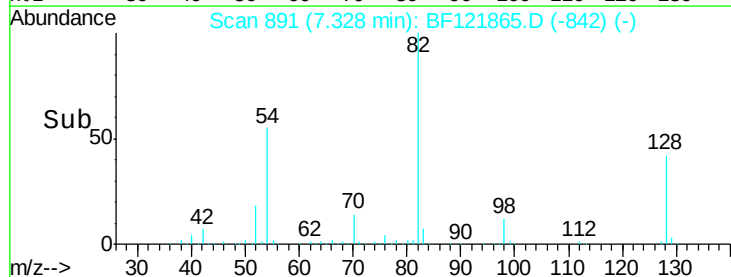
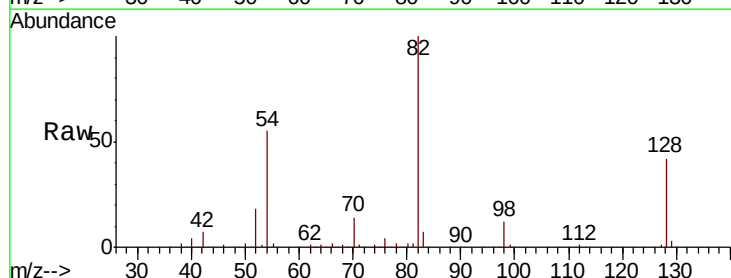
Instrument :
BNA_F
ClientSampleId :
PB132129BL

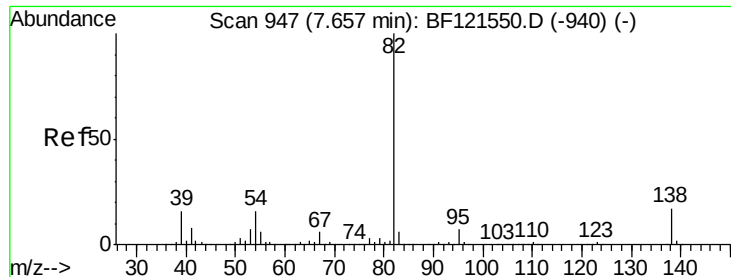
Tot Ion:136	Resp:	542151
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.6 13.0
54	9.4	7.1 10.7
68	6.8	5.0 7.4



#23
Nitrobenzene-d5
Concen: 88.707 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121865.D
Acq: 7 Oct 2020 9:48

Tgt Ion: 82	Resp:	895718
Ion Ratio	Lower	Upper
82	100	
128	42.2	35.0 52.4
54	54.8	43.9 65.9





#25

Isophorone

Concen: 44.067 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB132129BL

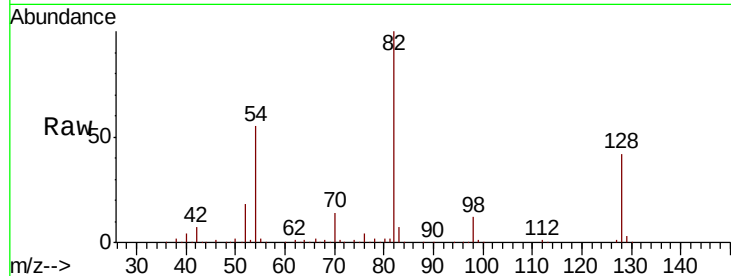
Tot Ion: 82 Resp: 895713

Ion Ratio Lower Upper

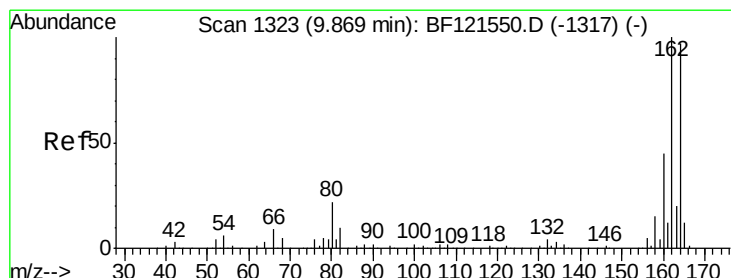
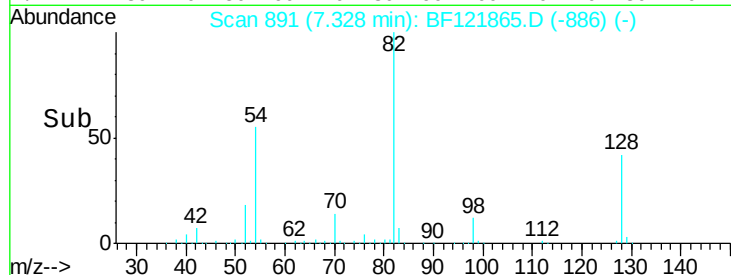
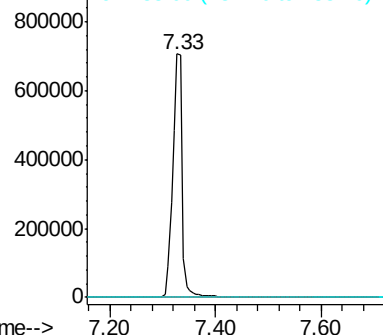
82 100

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# 1311

Delta R.T. -0.01 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

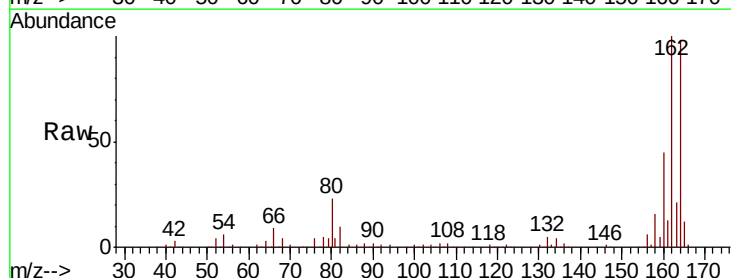
Tgt Ion: 164 Resp: 287503

Ion Ratio Lower Upper

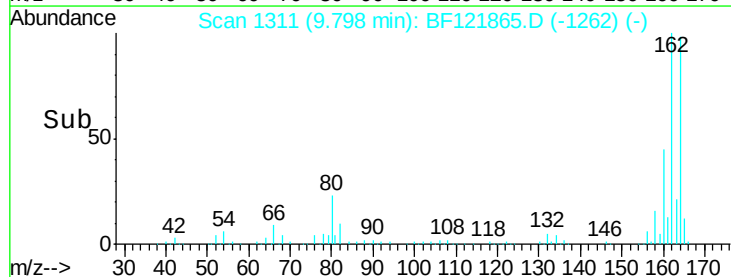
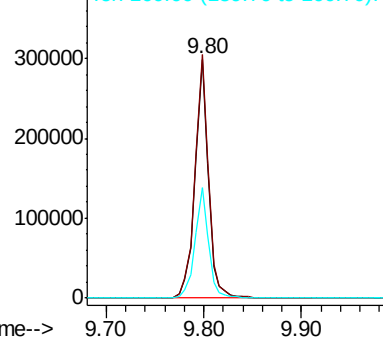
164 100

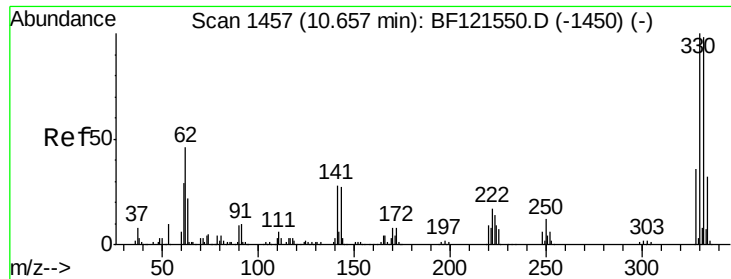
162 102.0 83.2 124.8

160 46.2 37.5 56.3



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

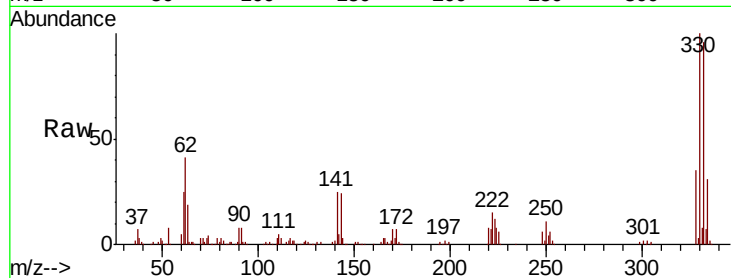




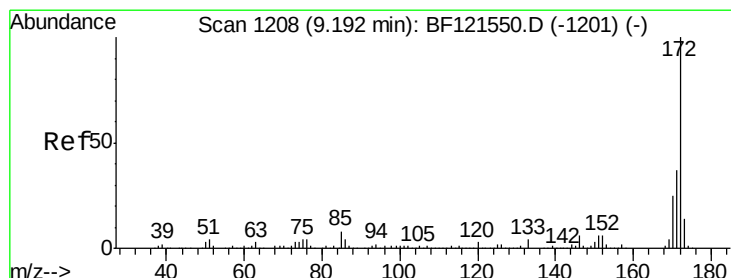
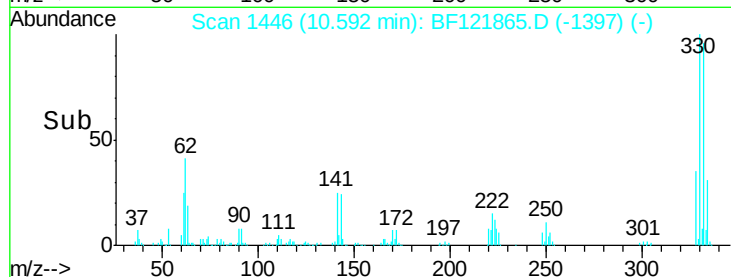
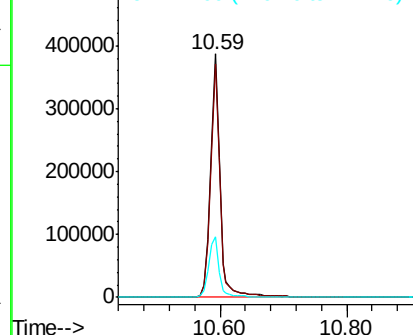
#42
 2,4,6-Tribromophenol
 Concen: 113.203 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121865.D
 Acq: 7 Oct 2020 9:48

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	27.9	22.3	33.5

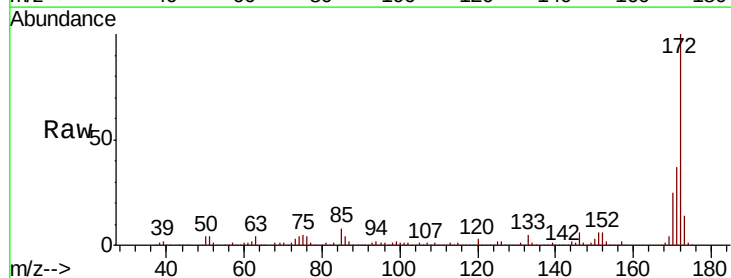


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

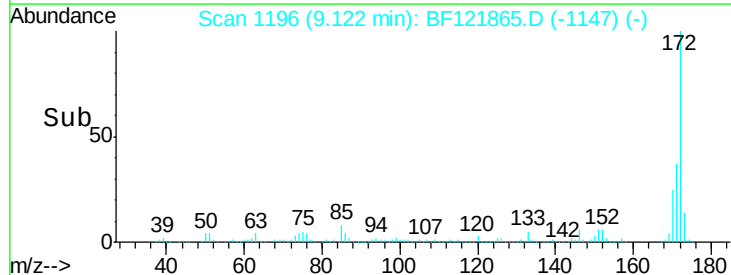
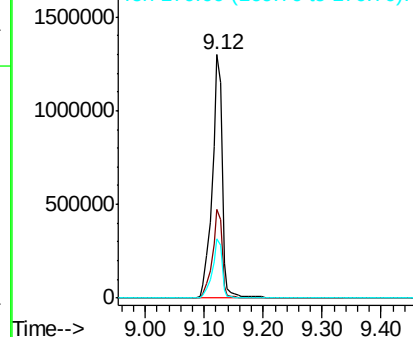


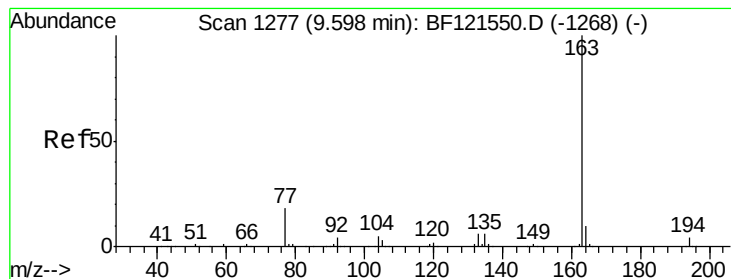
#45
 2-Fluorobiphenyl
 Concen: 81.057 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121865.D
 Acq: 7 Oct 2020 9:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.1	43.7
170	24.6	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: 2.734 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.26 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

Instrument :

BNA_F

ClientSampleId :

PB132129BL

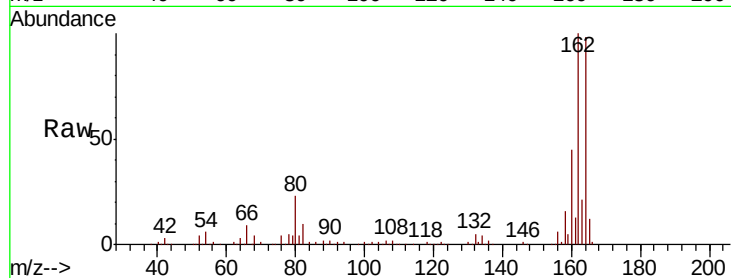
Tot Ion:163 Resp: 56966

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

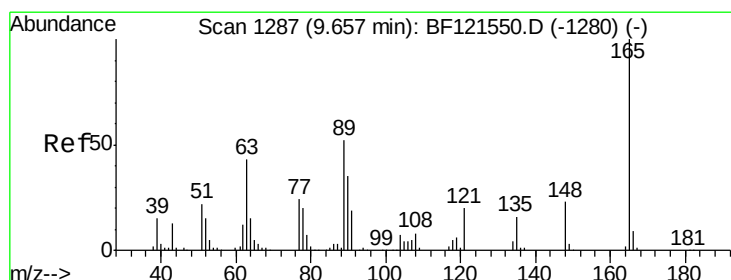
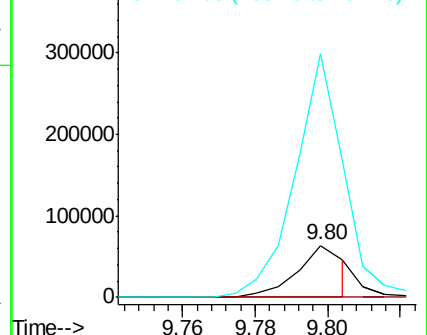
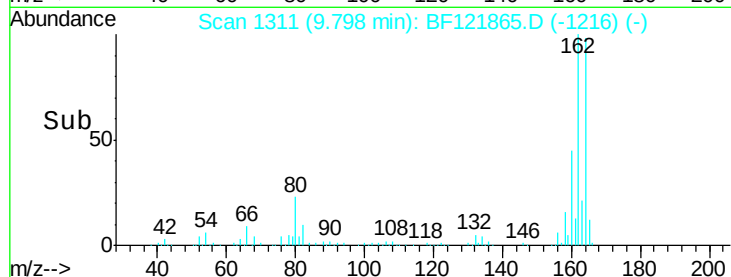
164 467.9 8.2 12.4#



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



#51

2,6-Dinitrotoluene

Concen: 8.217 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.20 min

Lab File: BF121865.D

Acq: 7 Oct 2020 9:48

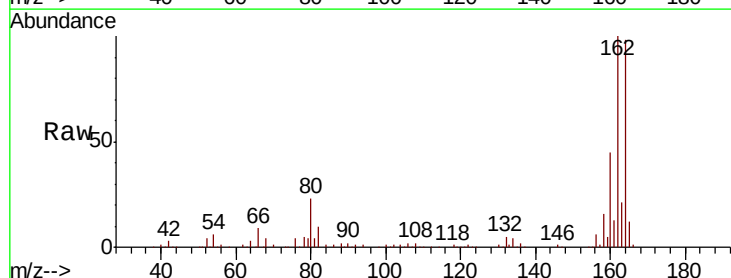
Tgt Ion:165 Resp: 36466

Ion Ratio Lower Upper

165 100

63 1.2 51.8 77.6#

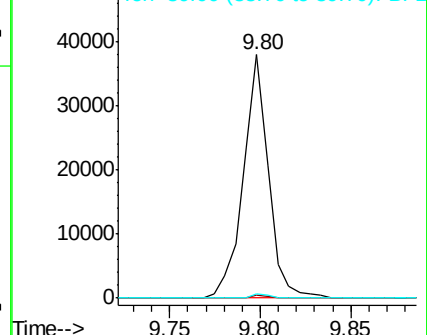
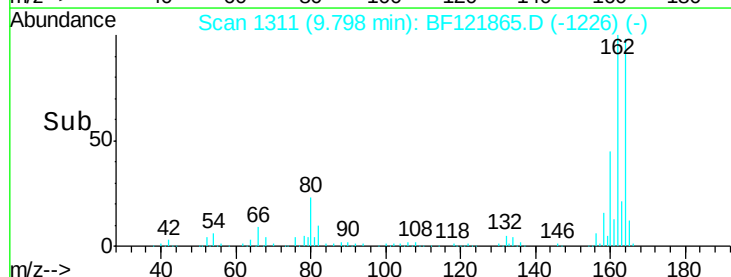
89 1.6 49.0 73.6#

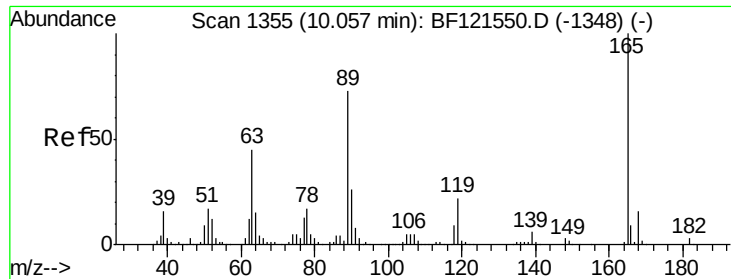


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

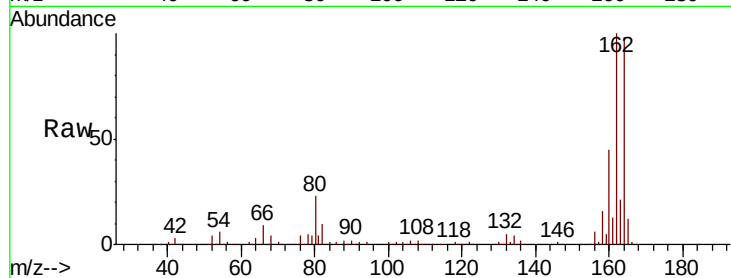




#57
 2,4-Dinitrotoluene
 Concen: 6.532 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF121865.D
 Acq: 7 Oct 2020 9:48

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	41.3	61.9#
89	1.6	61.8	92.8#
182	0.0	2.1	3.1#



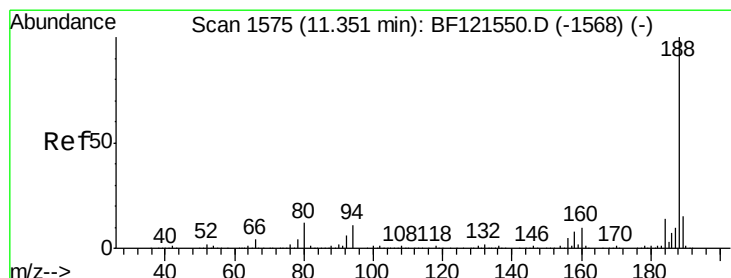
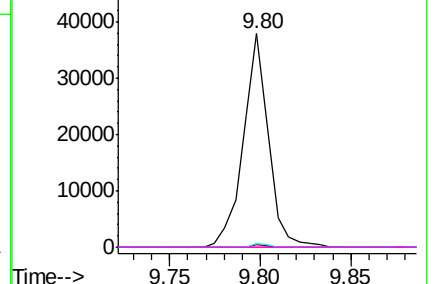
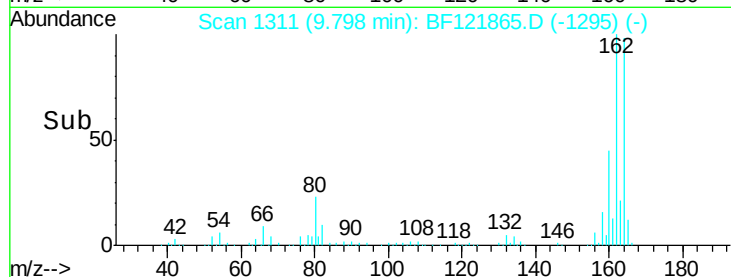
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

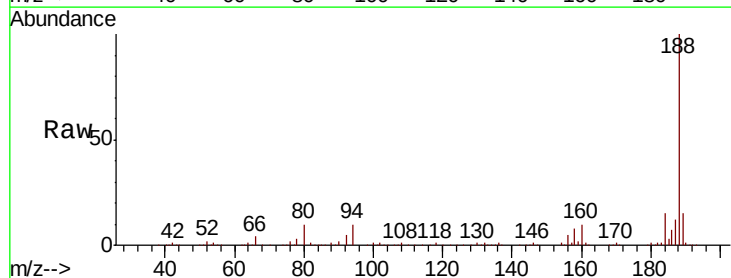
Ion 89.00 (88.70 to 89.70): BF1

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: BF121865.D
 Acq: 7 Oct 2020 9:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.3	12.5
80	10.3	9.1	13.7

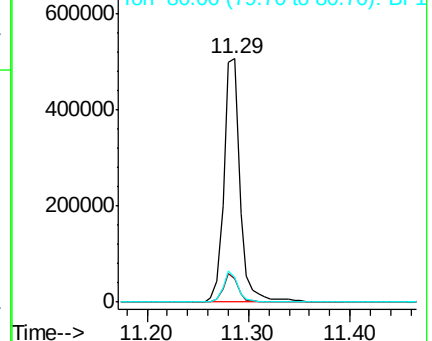
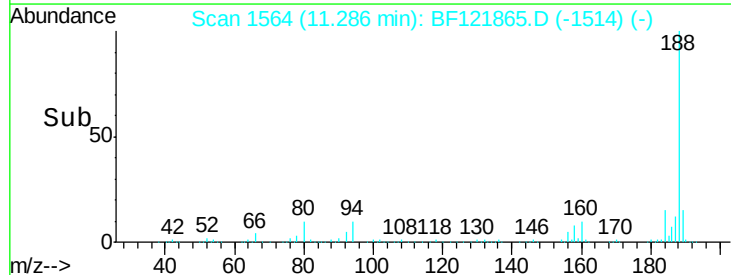


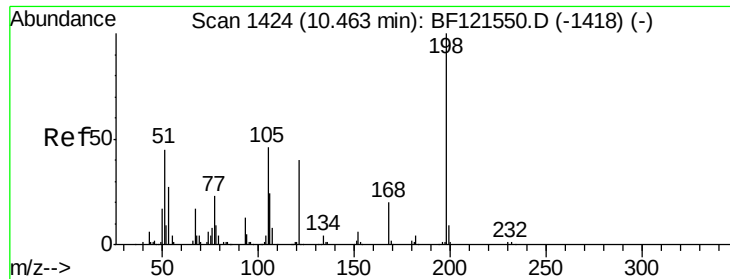
Abundance

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

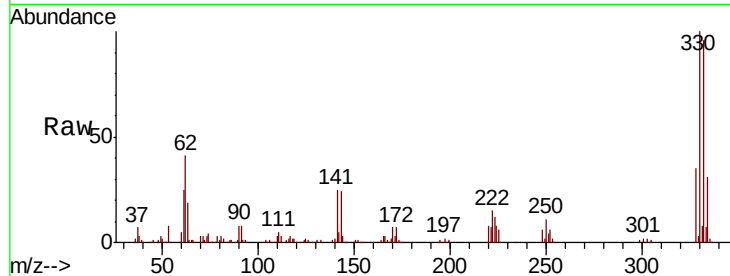




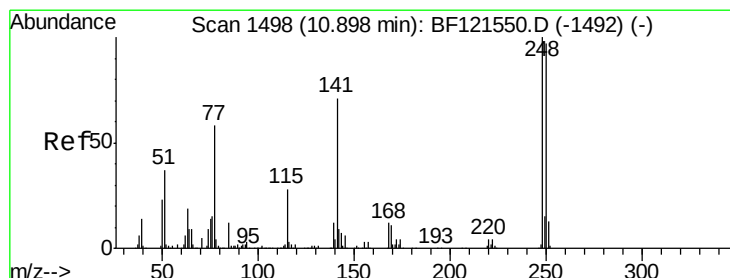
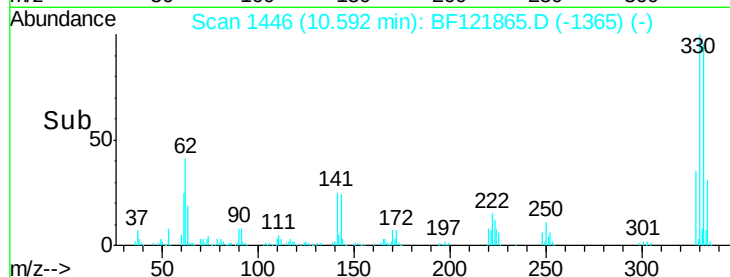
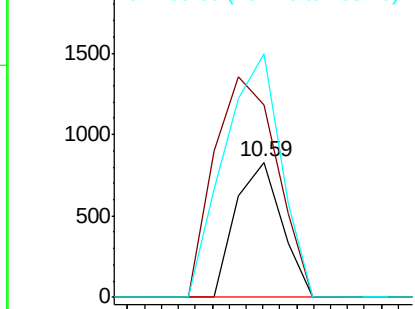
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.009 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.18 min
 Lab File: BF121865.D
 Acq: 7 Oct 2020 9:48

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BL

Tot Ion:198 Resp: 629
 Ion Ratio Lower Upper
 198 100
 51 142.8 29.6 69.6#
 105 180.5 24.4 64.4#

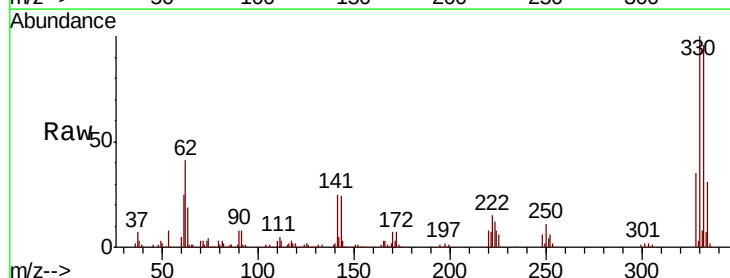


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

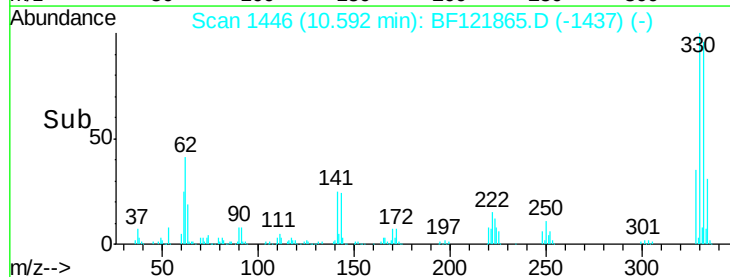
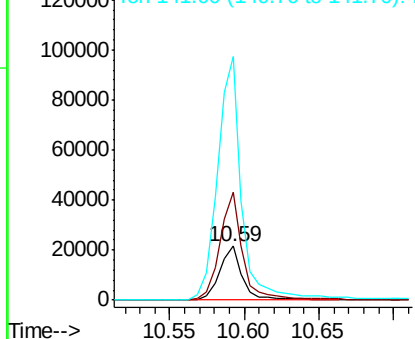


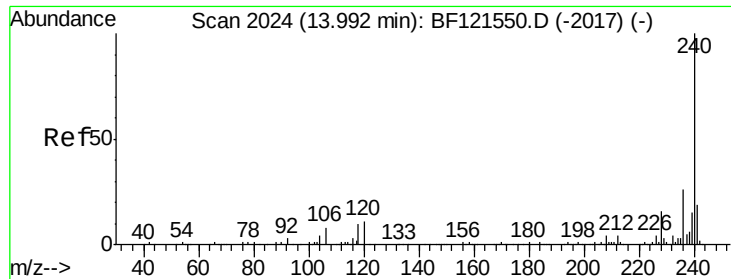
#67
 4-Bromophenyl-phenylether
 Concen: 3.608 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.25 min
 Lab File: BF121865.D
 Acq: 7 Oct 2020 9:48

Tgt Ion:248 Resp: 23025
 Ion Ratio Lower Upper
 248 100
 250 200.7 77.0 115.6#
 141 450.0 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

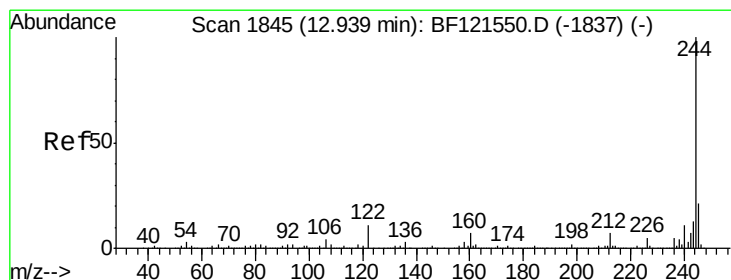
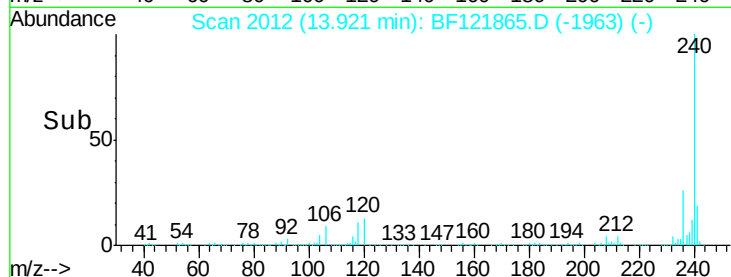
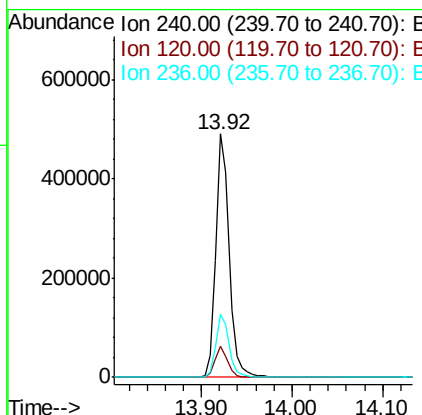
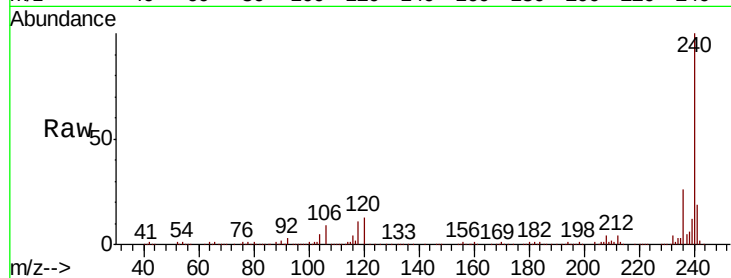




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121865.D
 Acq: 7 Oct 2020 9:48

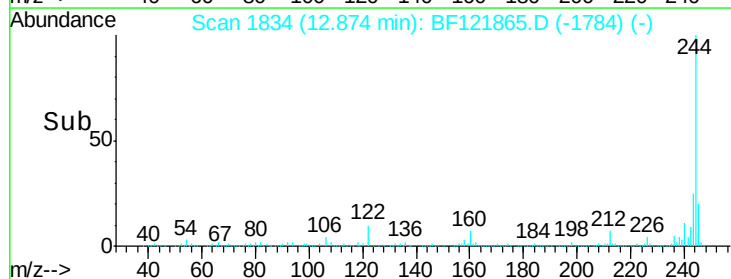
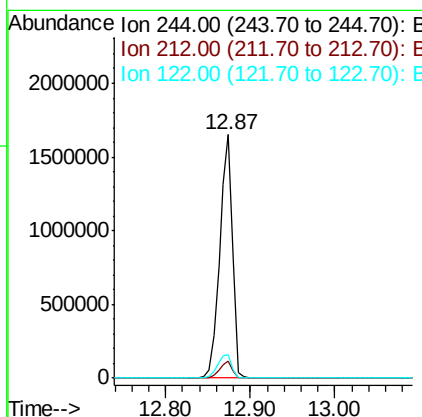
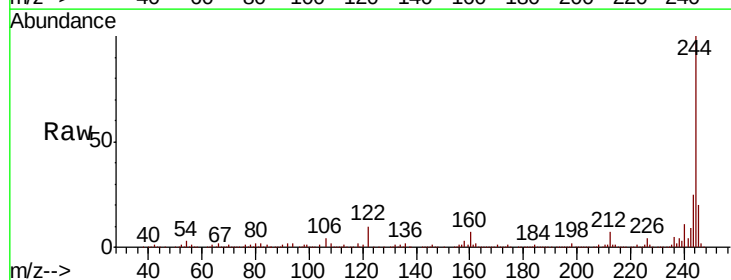
Instrument :
 BNA_F
 ClientSampleId :
 PB132129BL

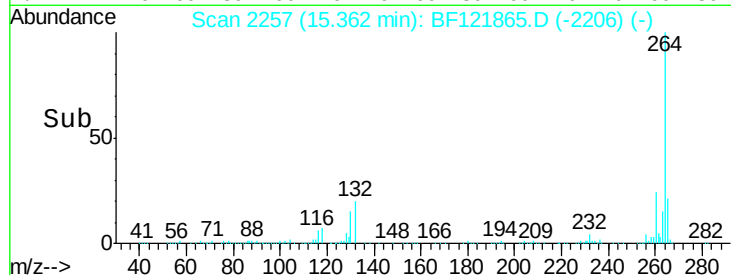
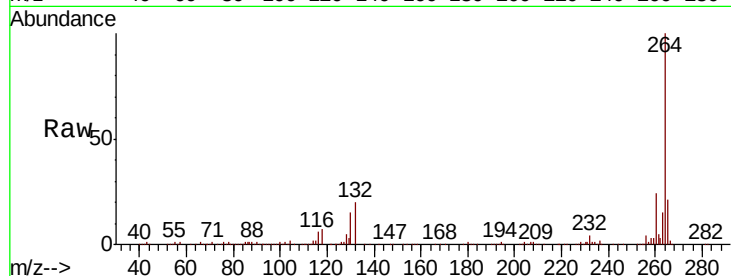
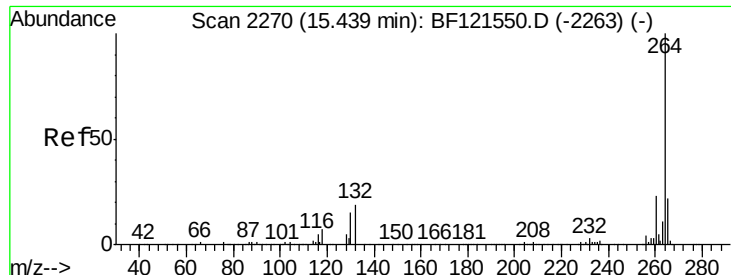
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.2	13.8
236	26.2	20.9	31.3



#79
 Terphenyl-d14
 Concen: 71.146 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF121865.D
 Acq: 7 Oct 2020 9:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.4	8.2
122	9.8	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: BF121865.D
 Acq: 7 Oct 2020 9:48

Instrument :
 BNA_F
 ClientSampleId :
 PB132129BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.7	28.1
265	21.4	17.3	25.9

