

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121653.D
 Acq On : 22 Sep 2020 21:55
 Operator : JU/CG
 Sample : L4101-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 0-6FT

Quant Time: Sep 23 01:09:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:53:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	151347	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	581267	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	305074	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	583725	20.00	ng	0.00
76) Chrysene-d12	13.97	240	487097	20.00	ng	-0.01
86) Perylene-d12	15.42	264	369917	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	1107183	108.72	ng	0.02
7) Phenol-d6	6.45	99	1307611	97.87	ng	0.00
23) Nitrobenzene-d5	7.37	82	1104504	102.02	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	552775	145.79	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1901729	94.41	ng	0.00
79) Terphenyl-d14	12.93	244	2159430	89.81	ng	0.00

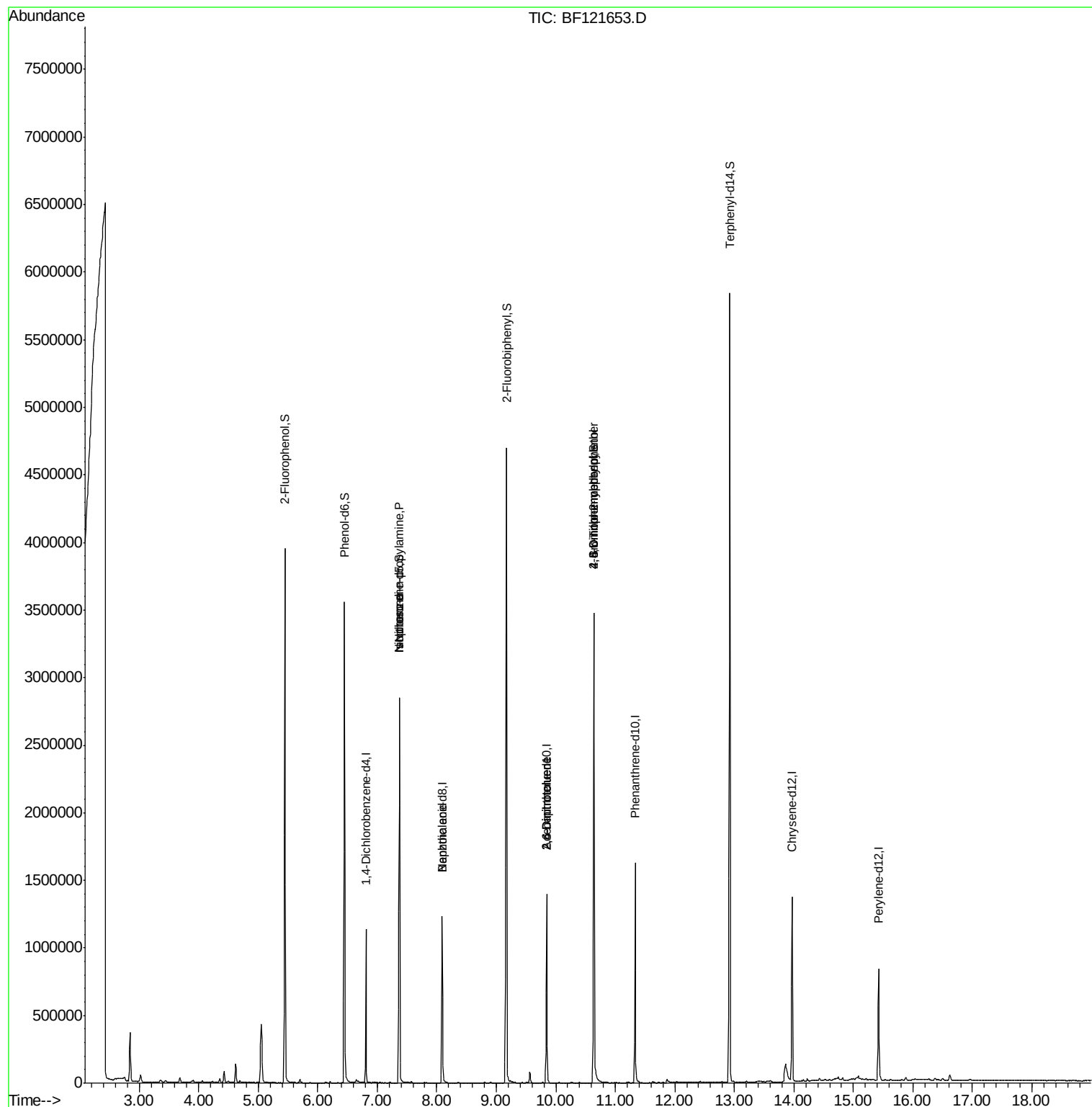
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.37	70	150056	19.487	ng	# 81
25) Isophorone	7.37	82	1095137	50.252	ng	# 67
32) Benzoic acid	8.09	122	116	6.949	ng	# 1
51) 2,6-Dinitrotoluene	9.85	165	39549	8.399	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	39549	6.676	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.64	198	825	7.050	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	31226	4.698	ng	# 1

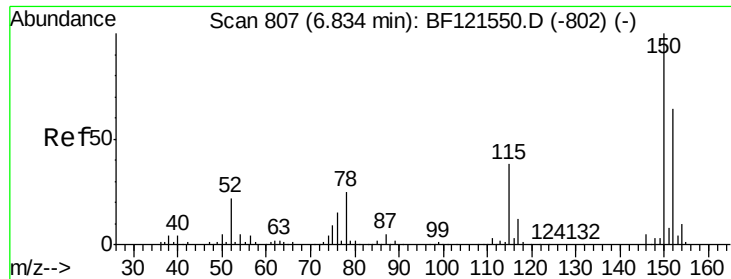
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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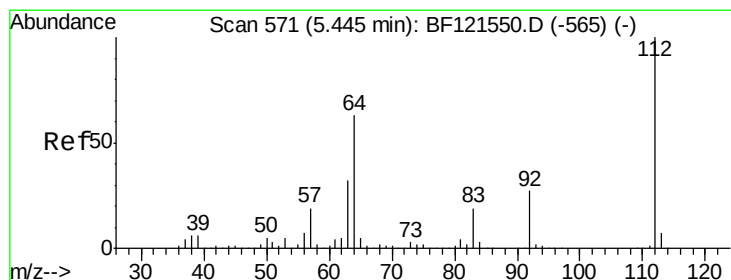
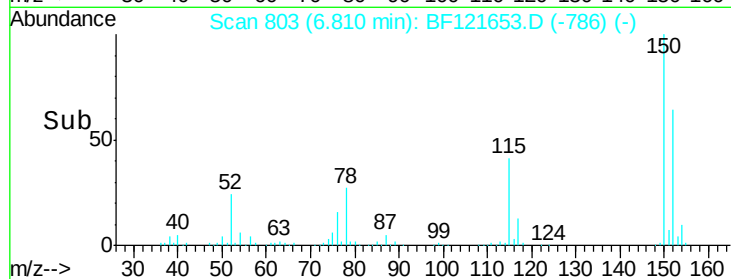
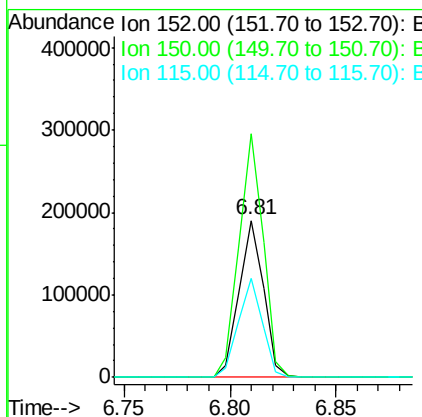
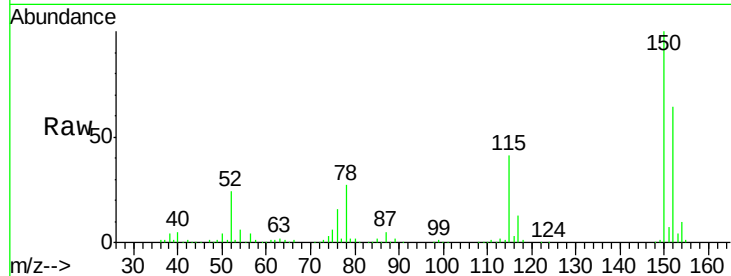


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121653.D
Acq: 22 Sep 2020 21:55

Instrument :
BNA_F
ClientSampleId :
0-6FT

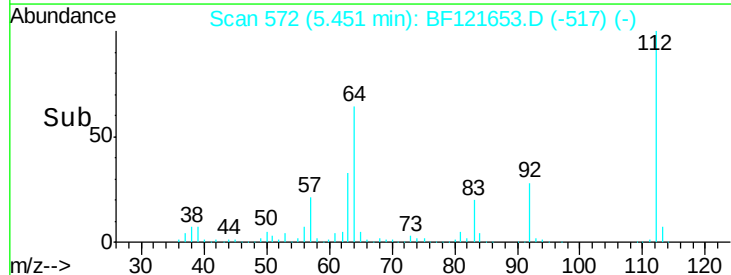
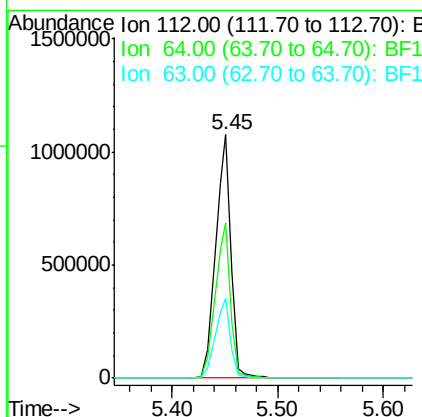
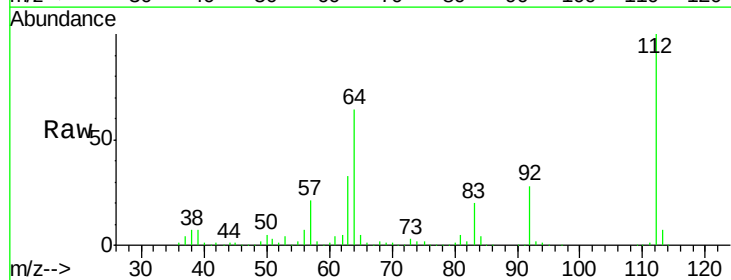
Tot Ion:152 Resp: 151347
Ion Ratio Lower Upper
152 100
150 155.3 128.1 192.1
115 63.0 52.6 79.0

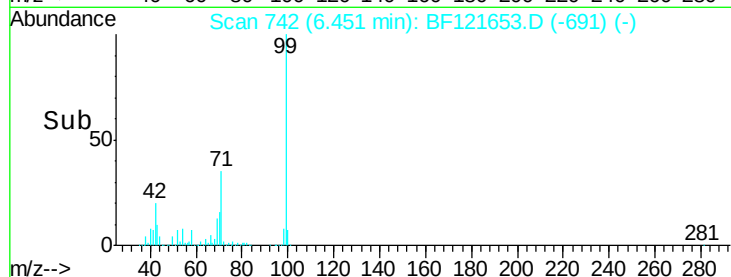
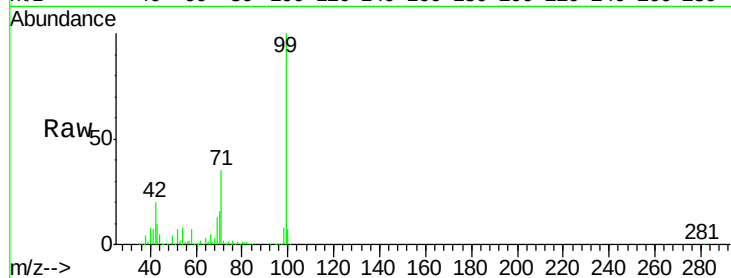
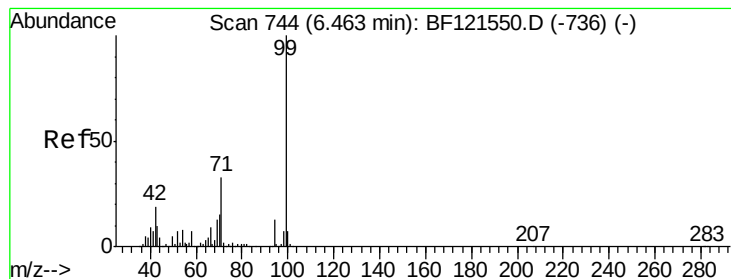


#5

2-Fluorophenol
Concen: 108.718 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121653.D
Acq: 22 Sep 2020 21:55

Tgt Ion:112 Resp: 1107183
Ion Ratio Lower Upper
112 100
64 63.7 52.2 78.2
63 32.8 26.6 39.8





#7

Phenol-d6

Concen: 97.869 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Instrument :

BNA_F

ClientSampleId :

0-6FT

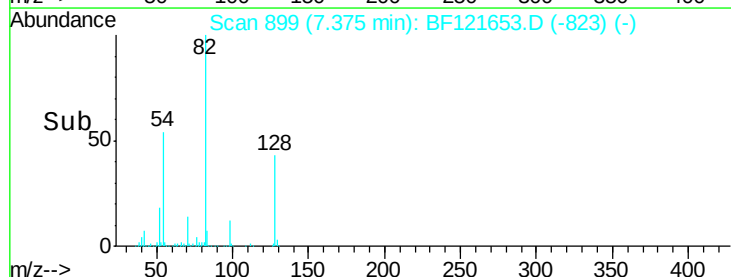
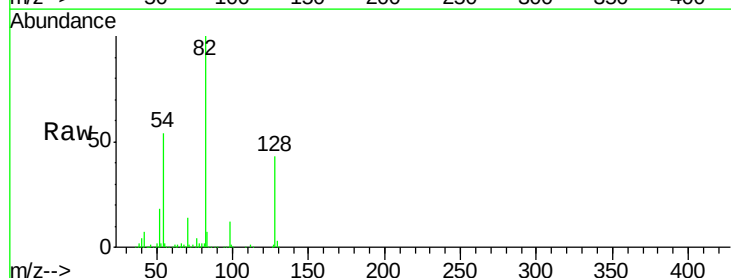
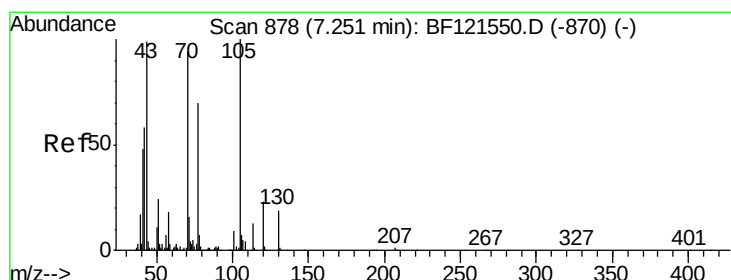
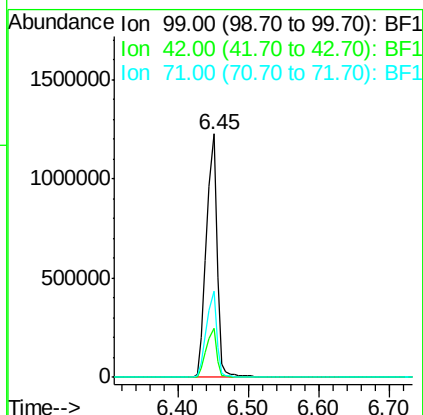
Tot Ion: 99 Resp: 1307611

Ion Ratio Lower Upper

99 100

42 19.9 15.5 23.3

71 35.4 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 19.487 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Tgt Ion: 70 Resp: 150056

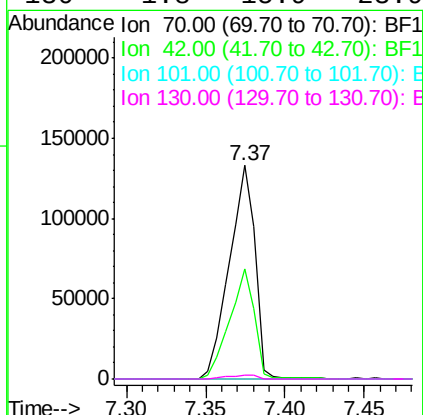
Ion Ratio Lower Upper

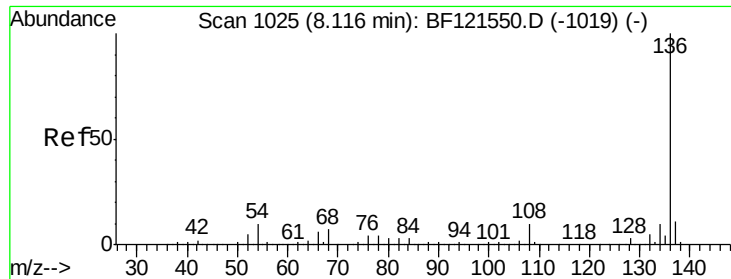
70 100

42 51.4 48.3 72.5

101 0.0 7.6 11.4#

130 1.8 15.9 23.9#

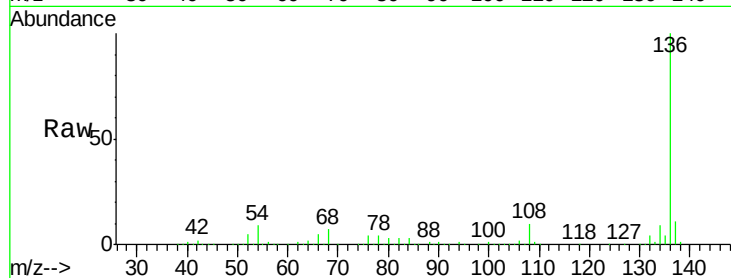




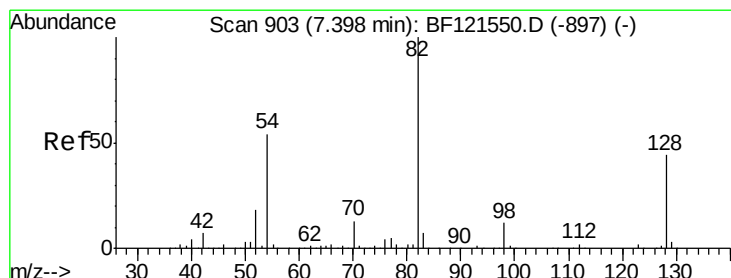
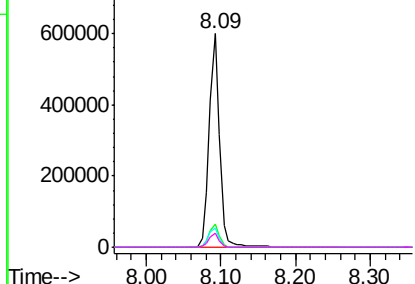
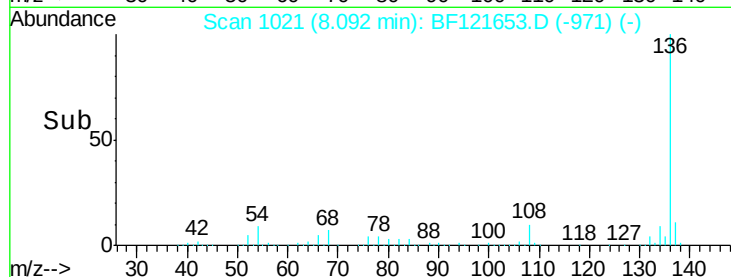
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF121653.D
Acq: 22 Sep 2020 21:55

Instrument :
BNA_F
ClientSampleId :
0-6FT

Tot Ion:136	Resp:	581267	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.9	13.3	
54 9.0	7.4	11.0	
68 6.8	5.3	7.9	

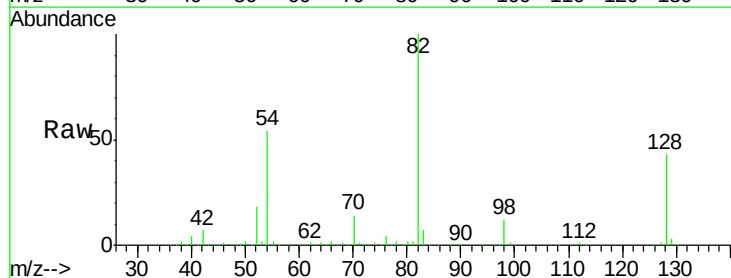


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

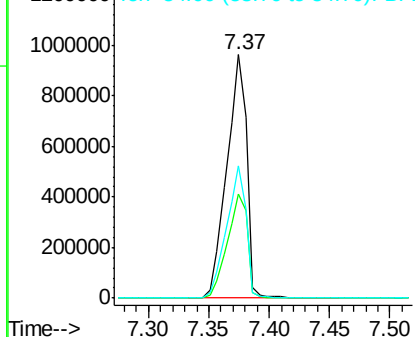
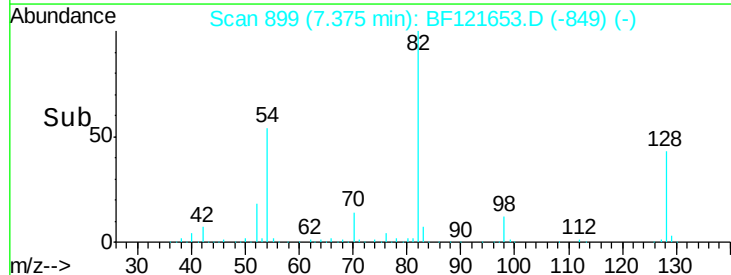


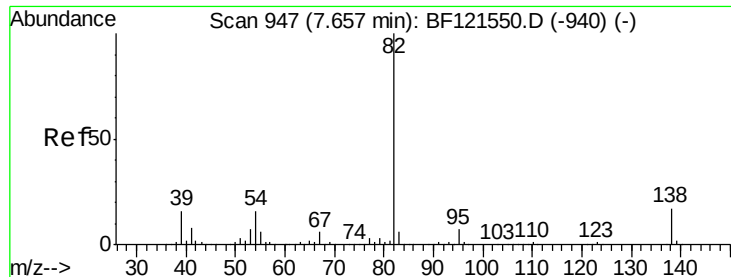
#23
Nitrobenzene-d5
Concen: 102.023 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF121653.D
Acq: 22 Sep 2020 21:55

Tgt Ion: 82	Resp: 1104504
Ion Ratio	Lower Upper
82 100	
128 42.9	33.9 50.9
54 54.2	42.9 64.3



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: 50.252 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Instrument :

BNA_F

ClientSampleId :

0-6FT

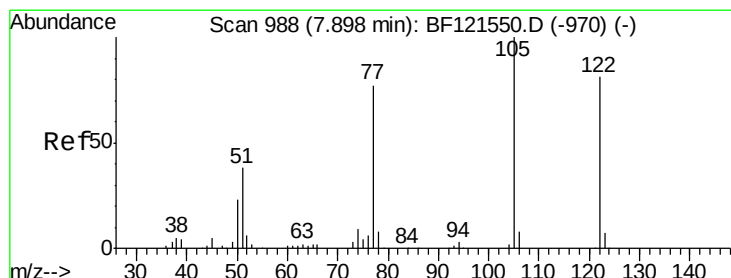
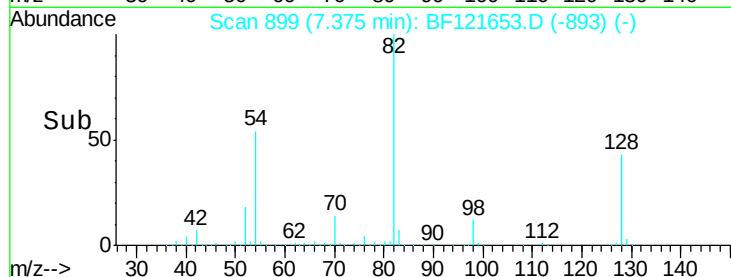
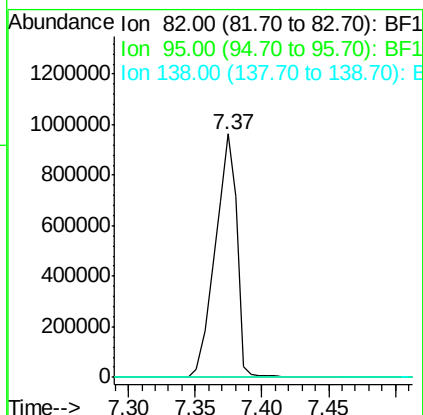
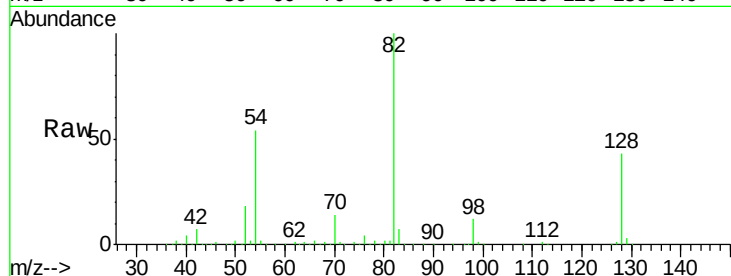
Tot Ion: 82 Resp: 1095137

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.2 19.8#



#32

Benzoic acid

Concen: 6.949 ng

RT: 8.09 min Scan# 1020

Delta R.T. 0.20 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

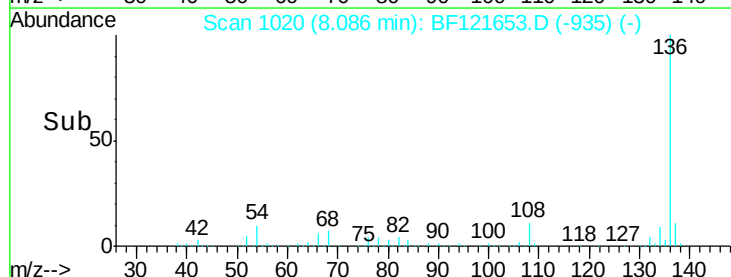
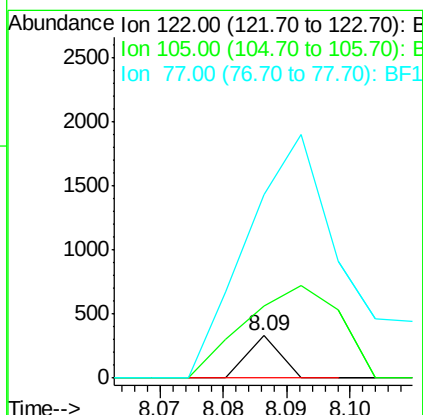
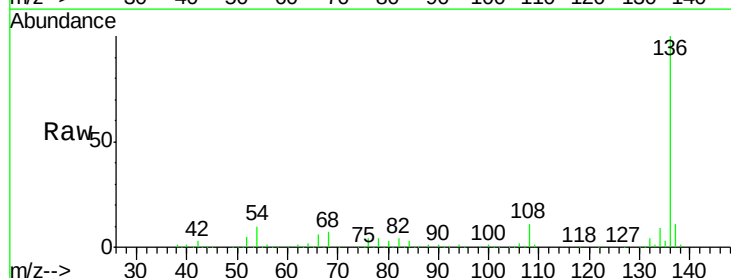
Tgt Ion: 122 Resp: 116

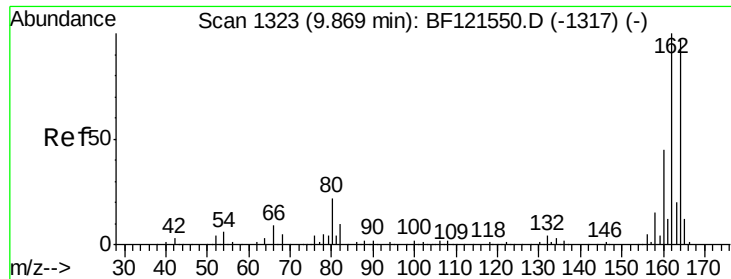
Ion Ratio Lower Upper

122 100

105 172.3 101.9 141.9#

77 434.3 69.0 109.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Instrument :

BNA_F

ClientSampleId :

0-6FT

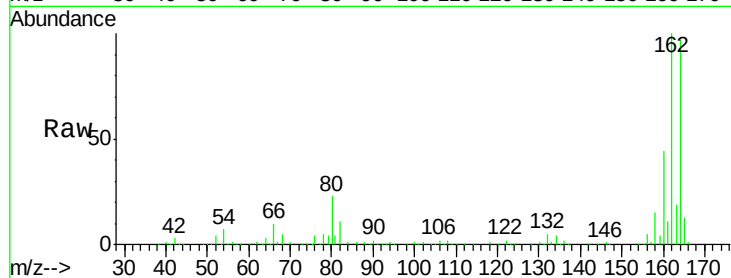
Tot Ion:164 Resp: 305074

Ion Ratio Lower Upper

164 100

162 103.2 81.2 121.8

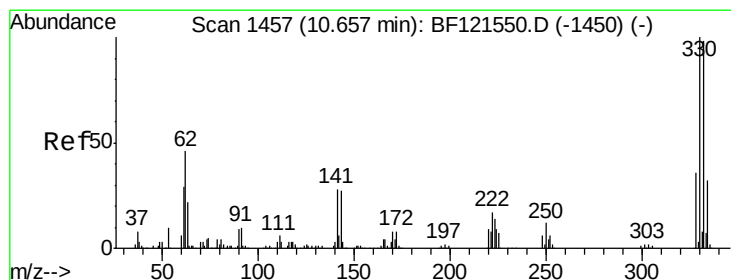
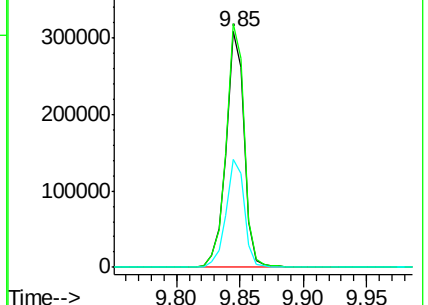
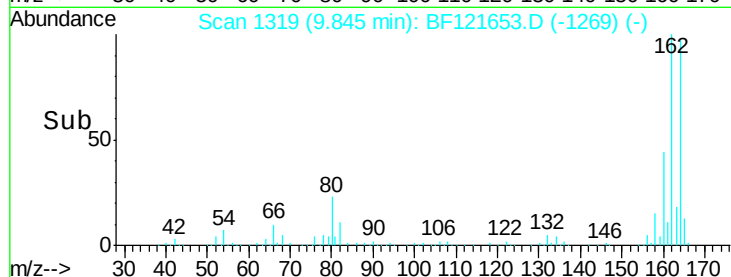
160 45.8 36.2 54.4



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: 145.787 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

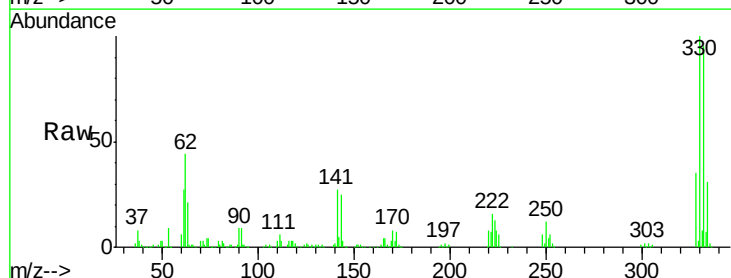
Tgt Ion:330 Resp: 552775

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

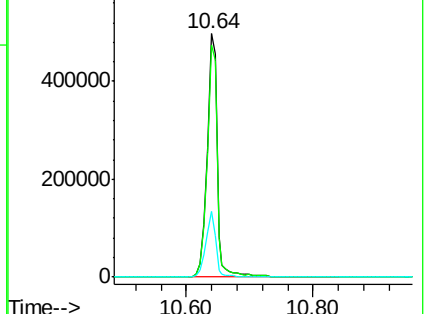
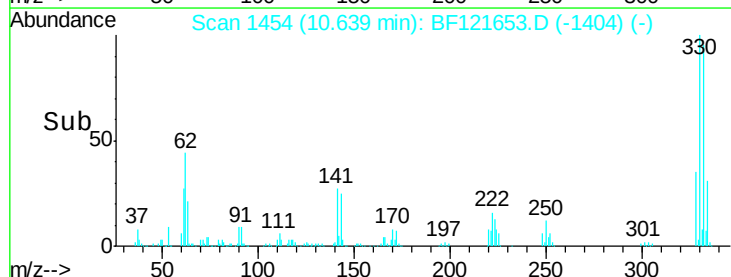
141 26.6 22.4 33.6

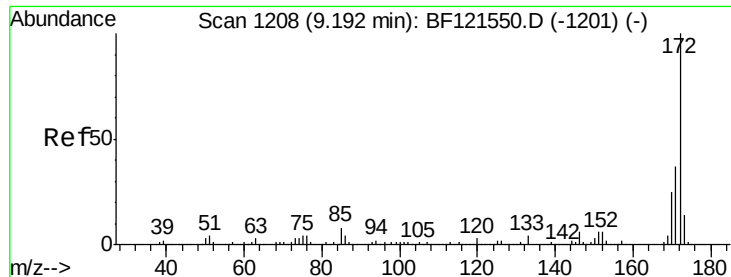


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



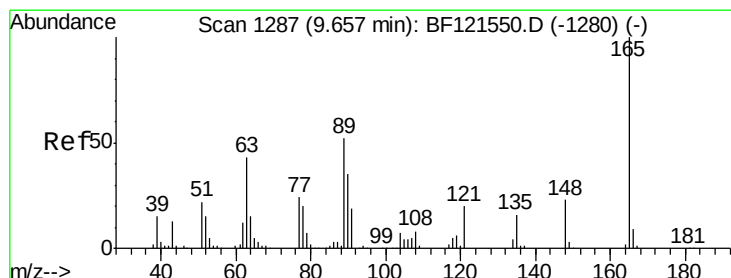
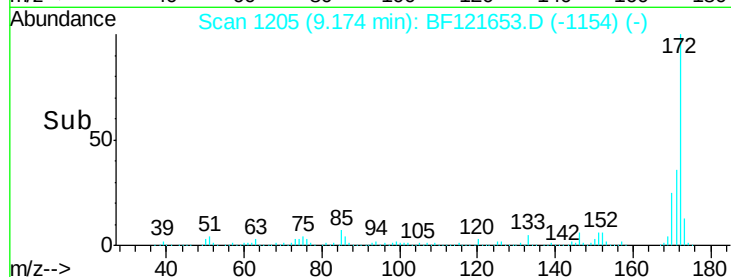
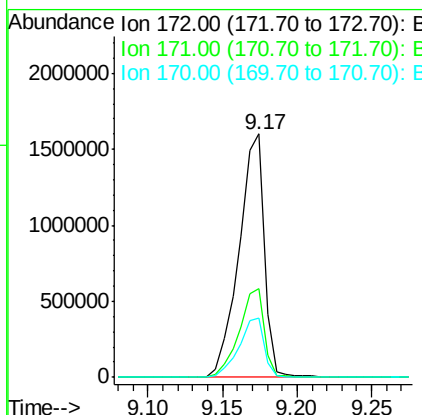
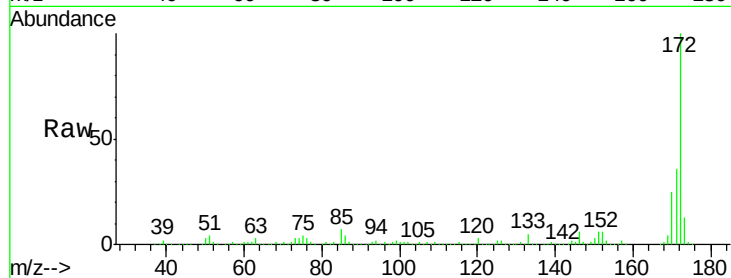


#45
 2-Fluorobiphenyl
 Concen: 94.411 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF121653.D
 Acq: 22 Sep 2020 21:55

Instrument :
 BNA_F
 ClientSampleId :
 0-6FT

Tot Ion:172 Resp: 1901729

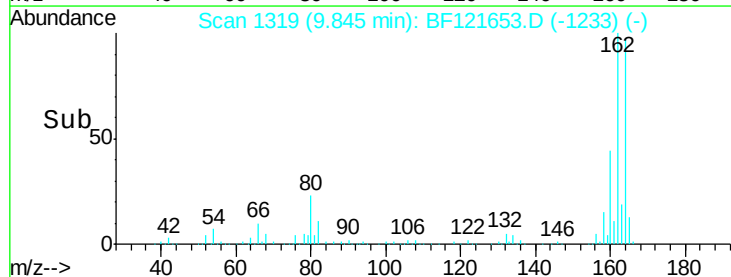
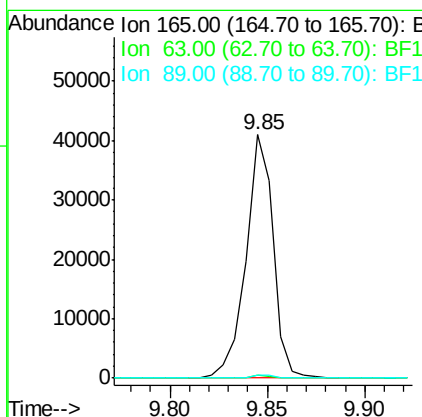
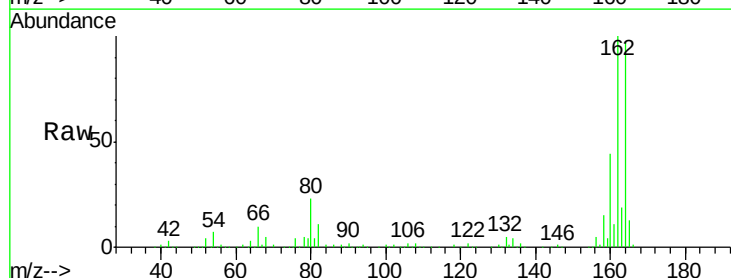
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.3	43.9
170	24.5	19.5	29.3

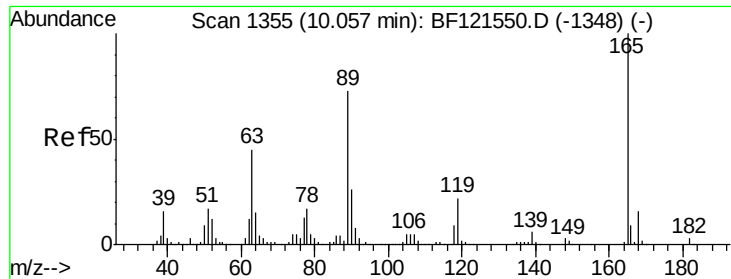


#51
 2,6-Dinitrotoluene
 Concen: 8.399 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121653.D
 Acq: 22 Sep 2020 21:55

Tgt Ion:165 Resp: 39549

Ion	Ratio	Lower	Upper
165	100		
63	1.2	47.6	71.4#
89	1.2	46.0	69.0#





#57

2,4-Dinitrotoluene

Concen: 6.676 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.20 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Instrument :

BNA_F

ClientSampleId :

0-6FT

Tot Ion:165 Resp: 39549

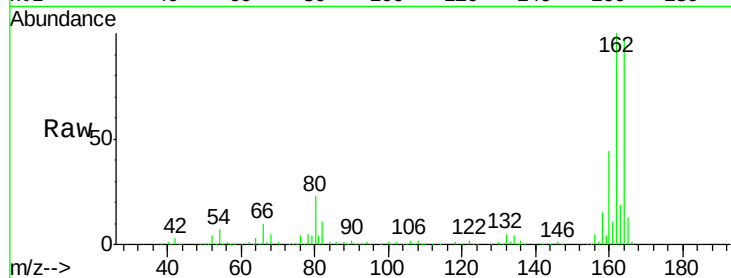
Ion Ratio Lower Upper

165 100

63 1.2 36.7 55.1#

89 1.2 57.7 86.5#

182 0.0 2.1 3.1#

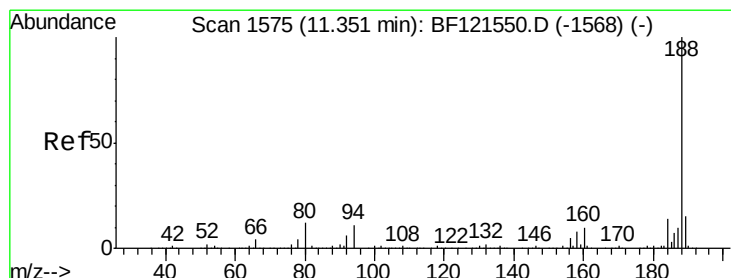
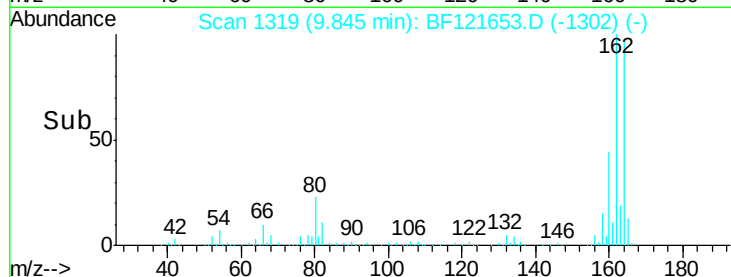
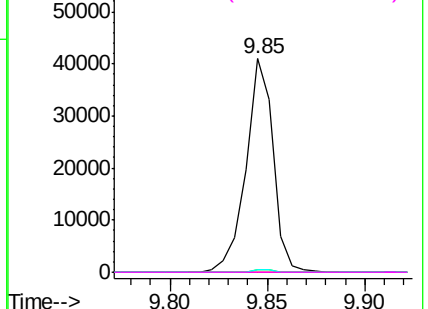


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

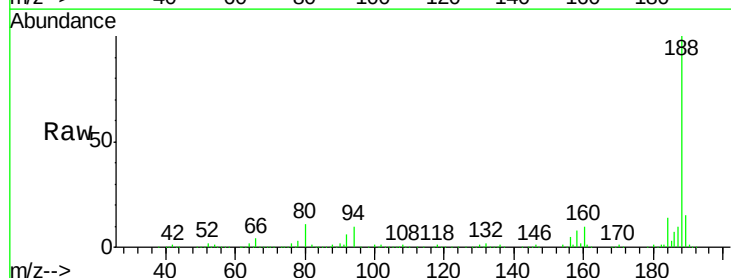
Tgt Ion:188 Resp: 583725

Ion Ratio Lower Upper

188 100

94 10.5 8.4 12.6

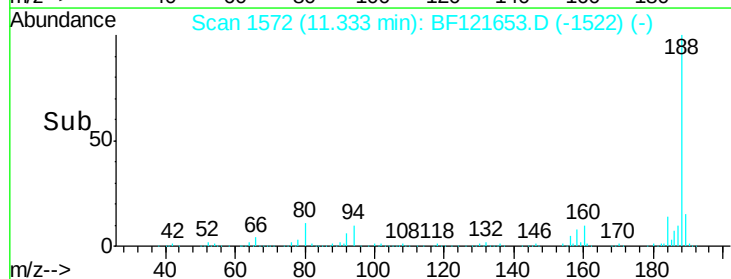
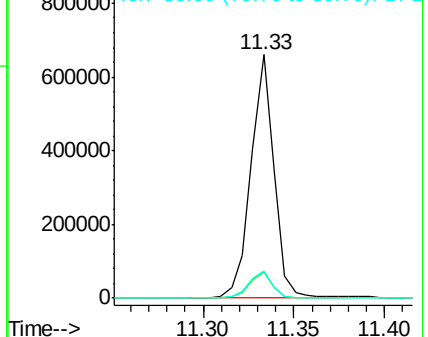
80 11.2 9.0 13.4

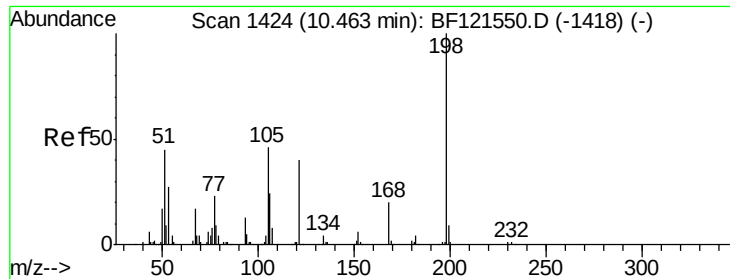


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

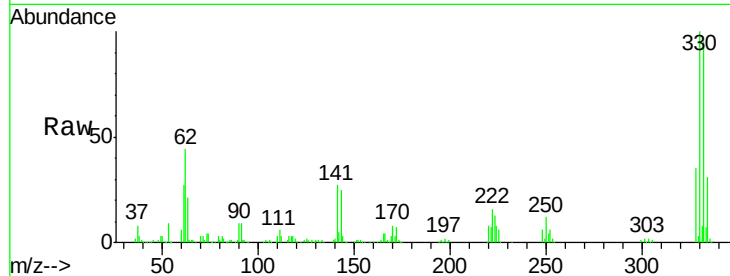




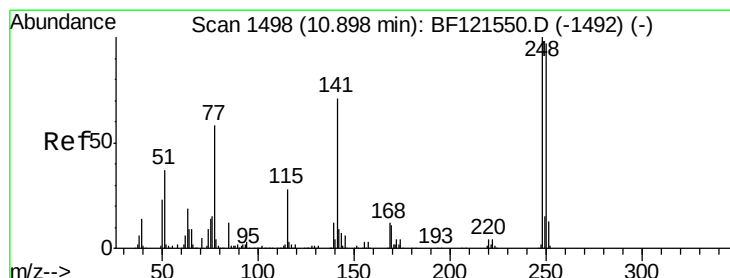
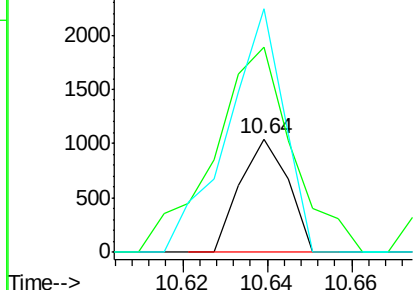
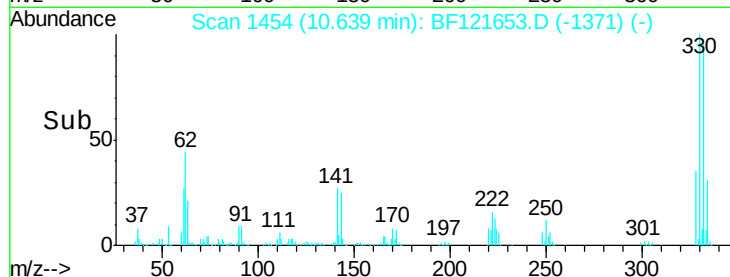
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.050 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121653.D
 Acq: 22 Sep 2020 21:55

Instrument :
 BNA_F
 ClientSampleId :
 0-6FT

Tot Ion	Ratio	Lower	Upper
198	100		
51	181.1	20.3	60.3#
105	214.4	20.2	60.2#

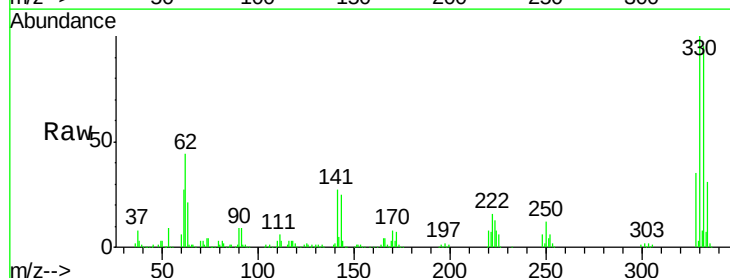


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

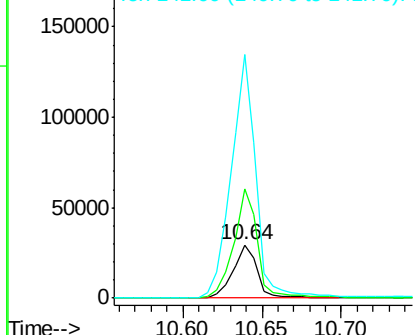
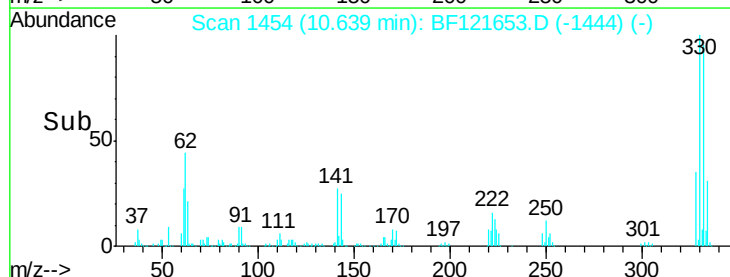


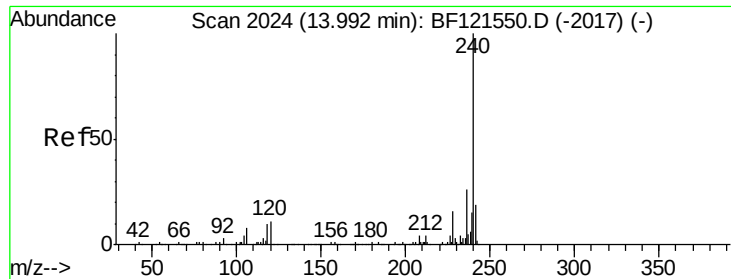
#67
 4-Bromophenyl-phenylether
 Concen: 4.698 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121653.D
 Acq: 22 Sep 2020 21:55

Tgt Ion	Ratio	Lower	Upper
248	100		
250	206.3	79.4	119.0#
141	457.6	52.2	78.4#



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

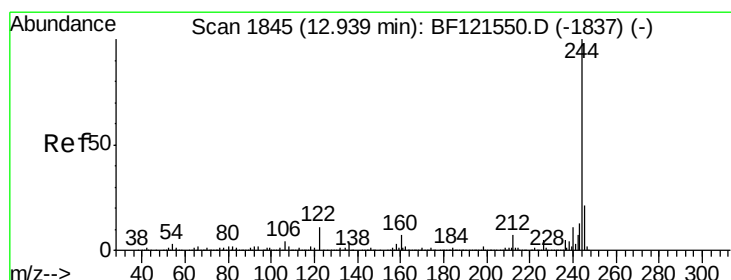
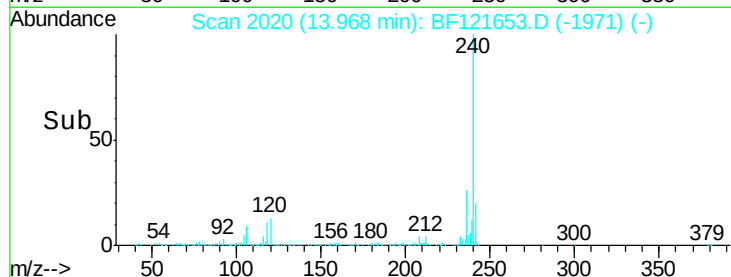
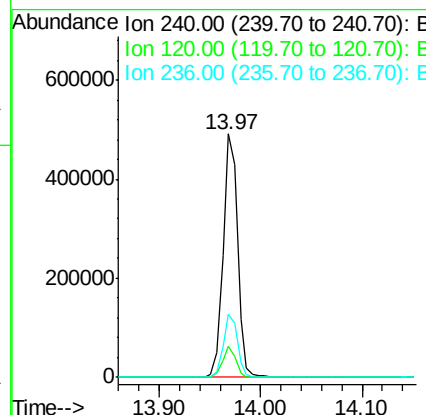
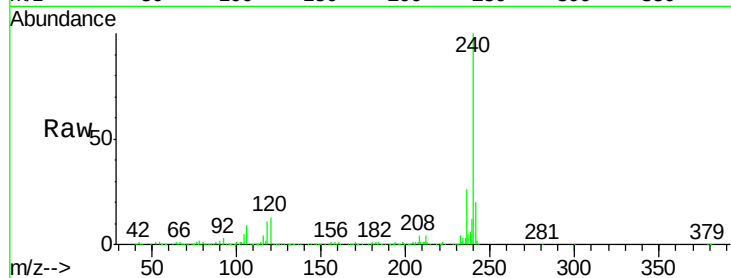




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121653.D
Acq: 22 Sep 2020 21:55

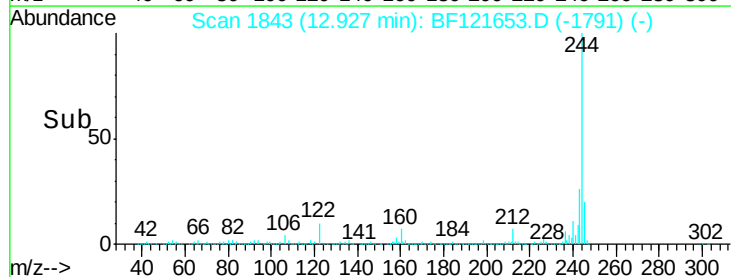
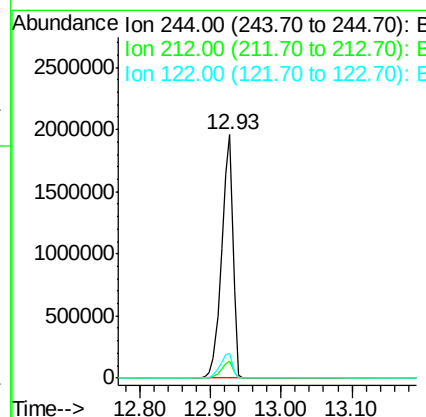
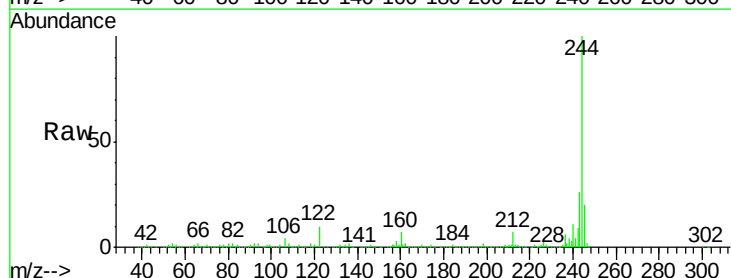
Instrument :
BNA_F
ClientSampleId :
0-6FT

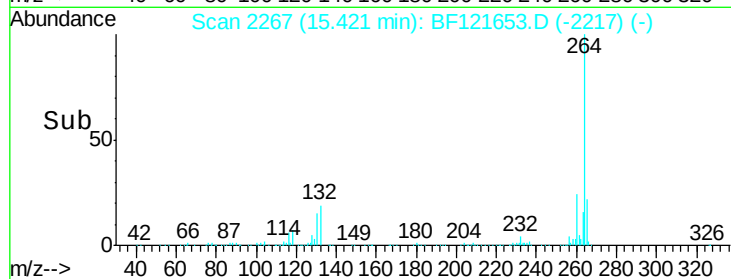
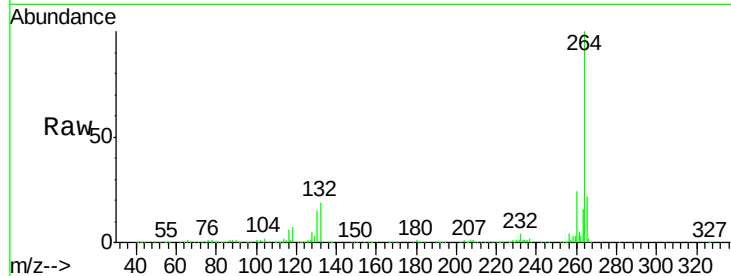
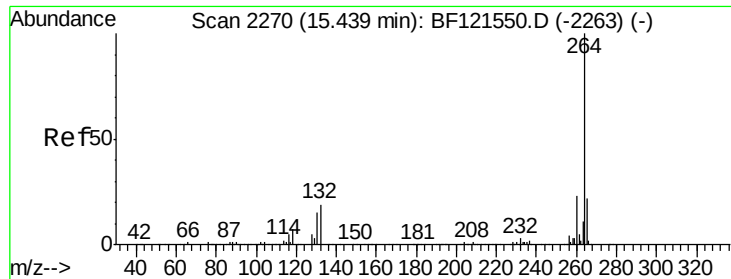
Tot Ion:240 Resp: 487097
Ion Ratio Lower Upper
240 100
120 12.9 9.2 13.8
236 26.2 20.4 30.6



#79
Terphenyl-d14
Concen: 89.814 ng
RT: 12.93 min Scan# 1843
Delta R.T. 0.01 min
Lab File: BF121653.D
Acq: 22 Sep 2020 21:55

Tgt Ion:244 Resp: 2159430
Ion Ratio Lower Upper
244 100
212 7.1 5.5 8.3
122 10.0 7.4 11.0





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121653.D

Acq: 22 Sep 2020 21:55

Instrument :

BNA_F

ClientSampleId :

0-6FT

Tot Ion:264 Resp: 369917

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 22.0 17.3 25.9

