

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121649.D
 Acq On : 22 Sep 2020 19:51
 Operator : JU/CG
 Sample : PB131810BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BL

Quant Time: Sep 23 01:06:23 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

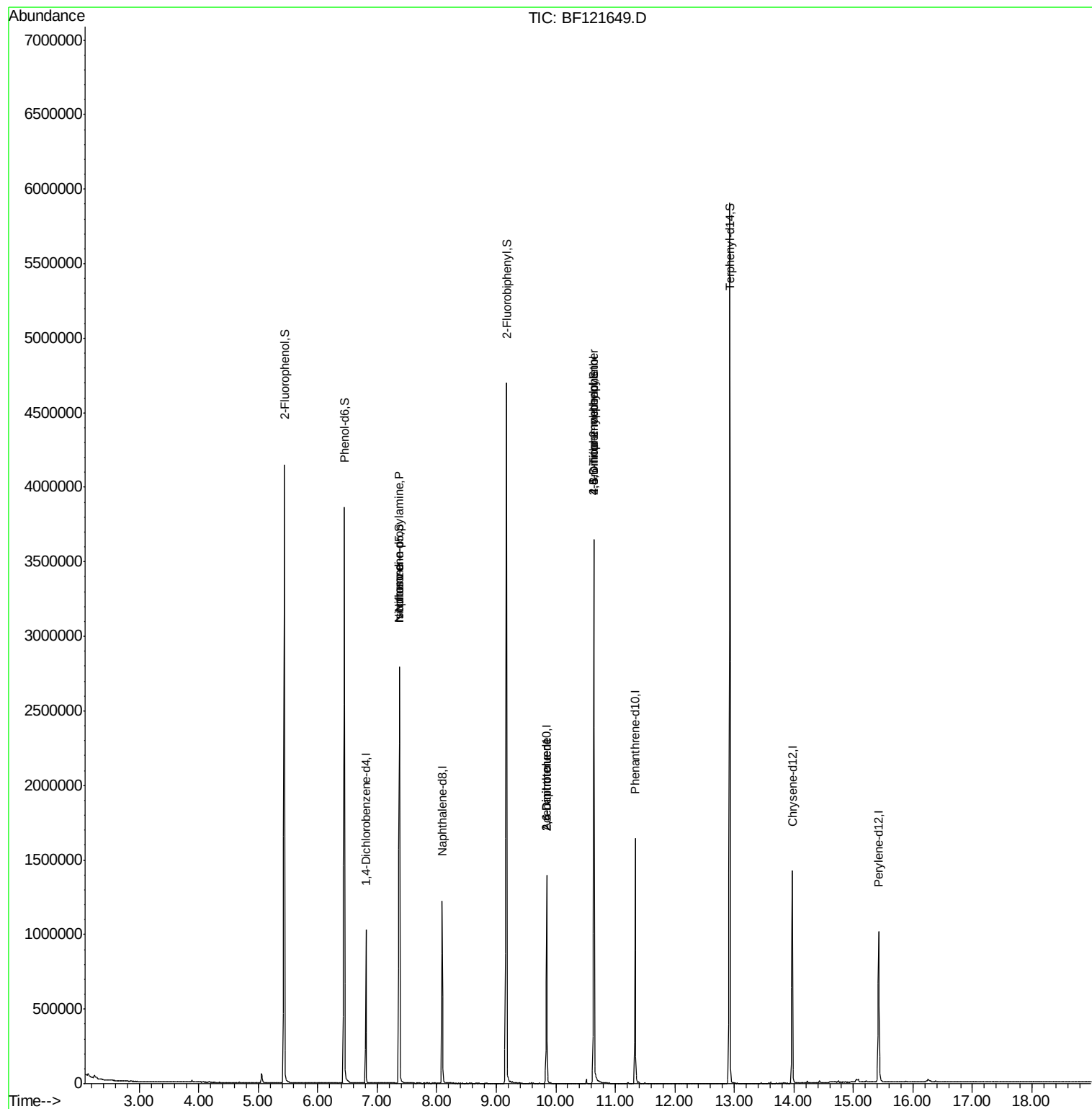
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	148994	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	580134	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	309837	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	602015	20.00	ng	0.00
76) Chrysene-d12	13.97	240	551398	20.00	ng	0.00
86) Perylene-d12	15.42	264	501169	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1236661	123.35	ng	0.01
7) Phenol-d6	6.45	99	1576253	119.84	ng	0.00
23) Nitrobenzene-d5	7.37	82	1106716	102.43	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	551879	143.31	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1898534	92.80	ng	0.00
79) Terphenyl-d14	12.93	244	2254433	82.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	150269	19.823	ng	# 79
25) Isophorone	7.37	82	1094671	50.329	ng	# 67
51) 2,6-Dinitrotoluene	9.85	165	39112	8.178	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	39112	6.501	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.64	198	826	7.044	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	30877	4.505	ng	# 1

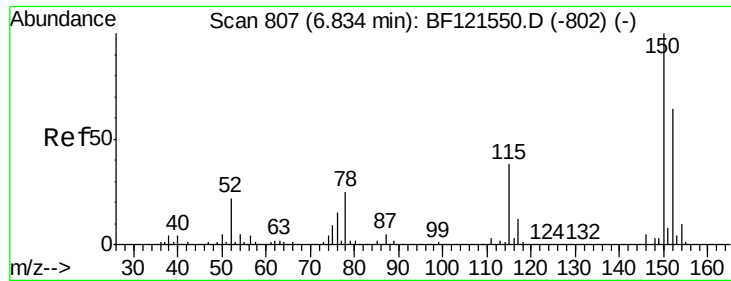
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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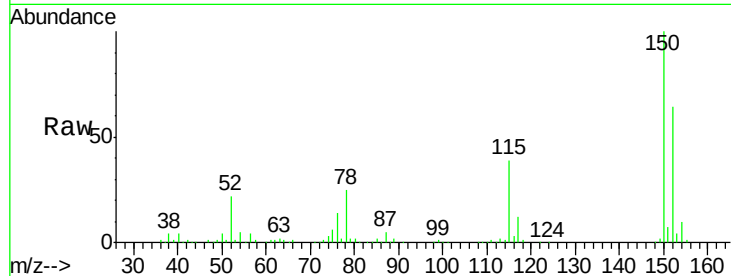


#1

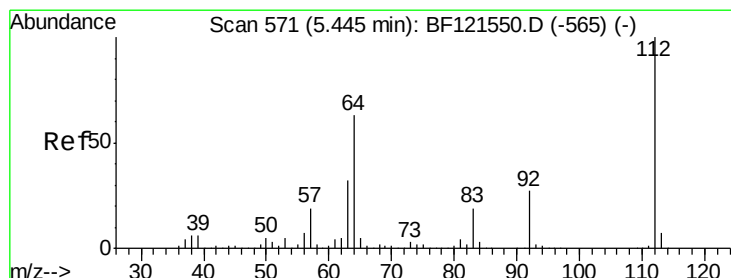
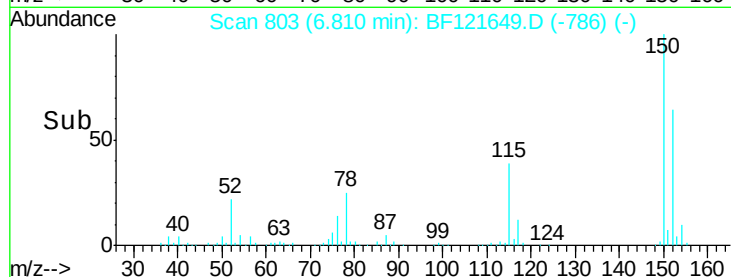
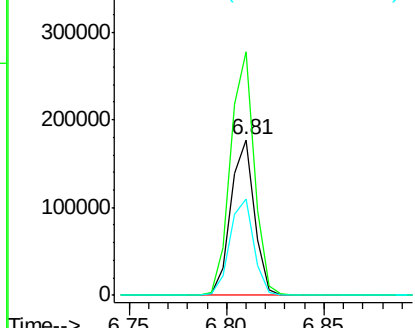
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF121649.D
Acq: 22 Sep 2020 19:51

Instrument :
BNA_F
ClientSampleId :
PB131810BL

Tot Ion:152 Resp: 148994
Ion Ratio Lower Upper
152 100
150 156.4 128.1 192.1
115 61.6 52.6 79.0



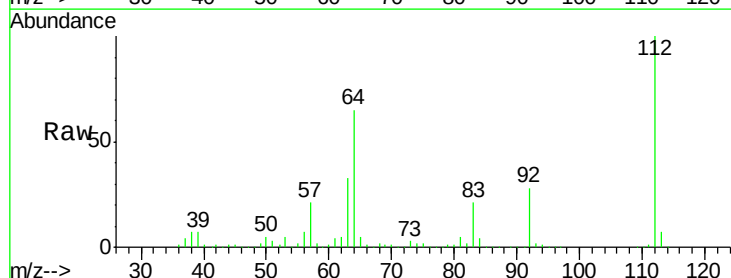
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



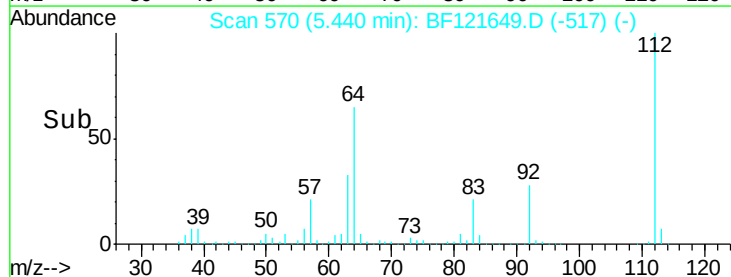
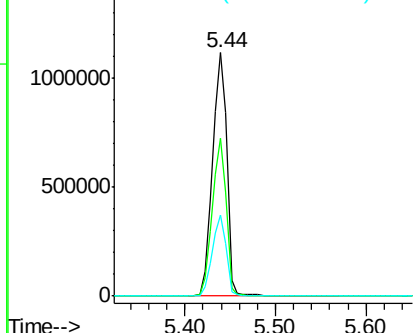
#5

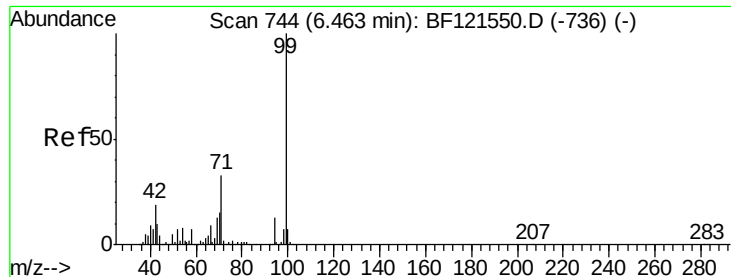
2-Fluorophenol
Concen: 123.349 ng
RT: 5.44 min Scan# 570
Delta R.T. 0.01 min
Lab File: BF121649.D
Acq: 22 Sep 2020 19:51

Tgt Ion:112 Resp: 1236661
Ion Ratio Lower Upper
112 100
64 64.8 52.2 78.2
63 33.3 26.6 39.8



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: 119.839 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

Instrument :

BNA_F

ClientSampleId :

PB131810BL

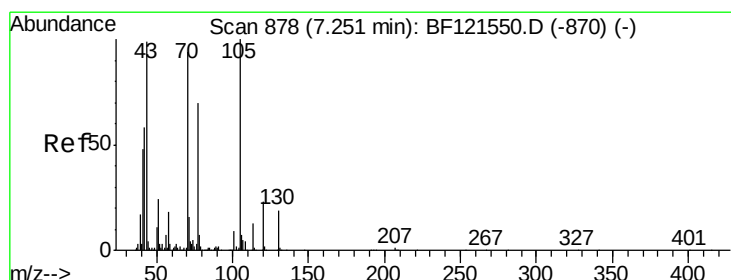
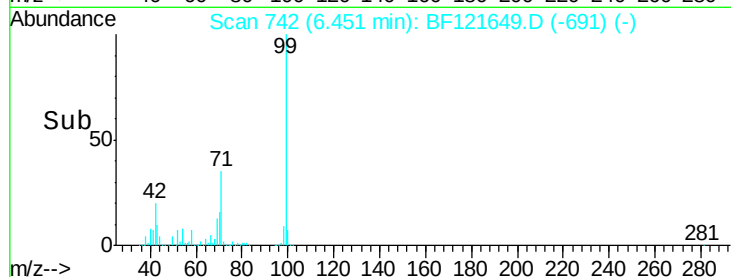
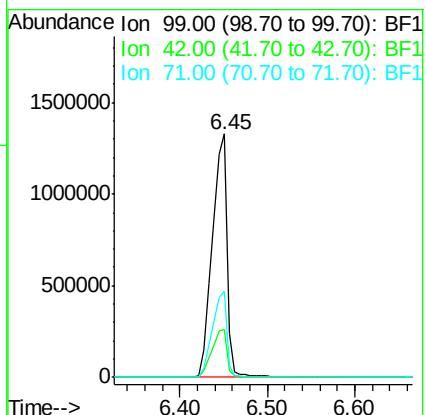
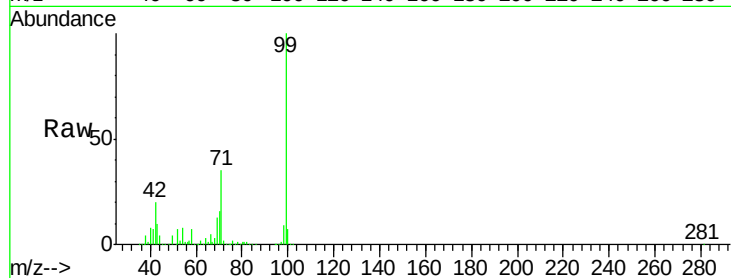
Tot Ion: 99 Resp: 1576253

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: 19.823 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

Tgt Ion: 70 Resp: 150269

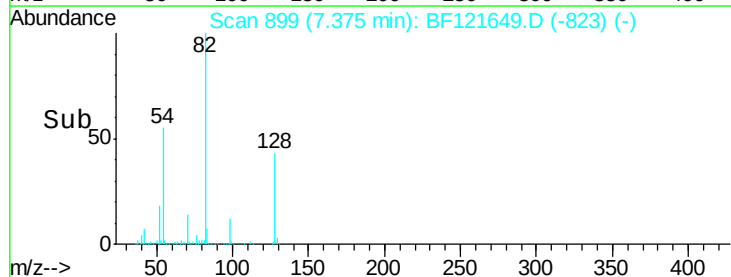
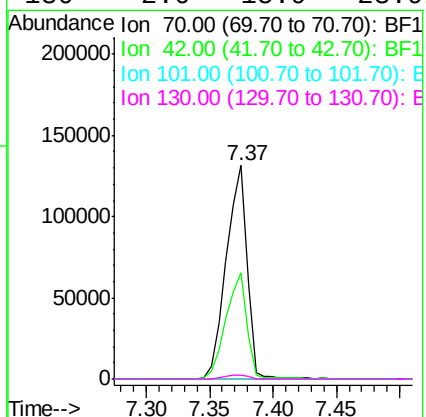
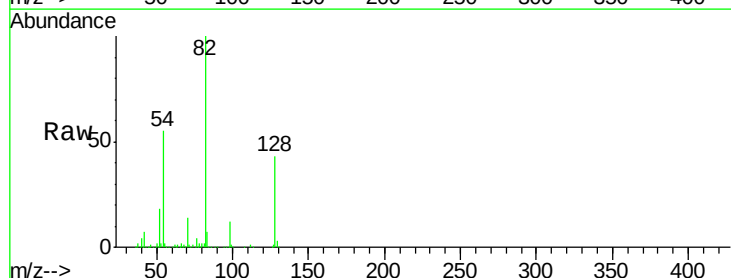
Ion Ratio Lower Upper

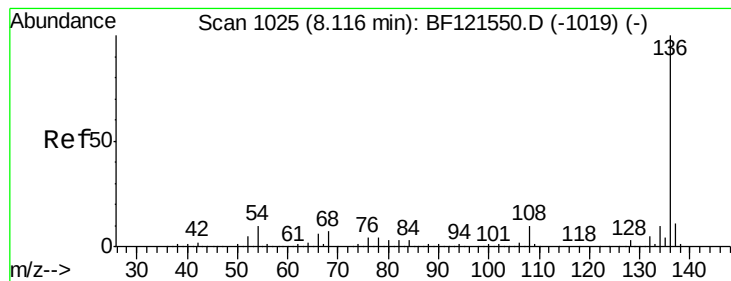
70 100

42 49.6 48.3 72.5

101 0.0 7.6 11.4#

130 2.0 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: BF121649.D

Acq: 22 Sep 2020 19:51

Instrument :

BNA_F

ClientSampleId :

PB131810BL

Tot Ion:136 Resp: 580134

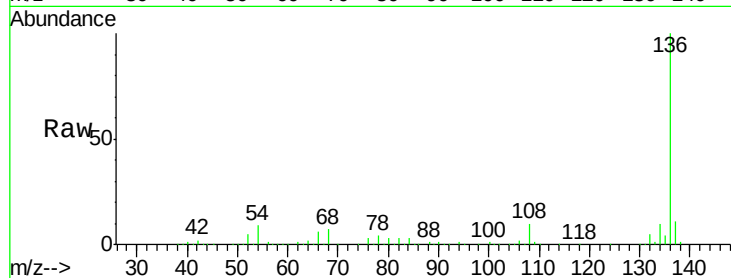
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.0 7.4 11.0

68 6.7 5.3 7.9

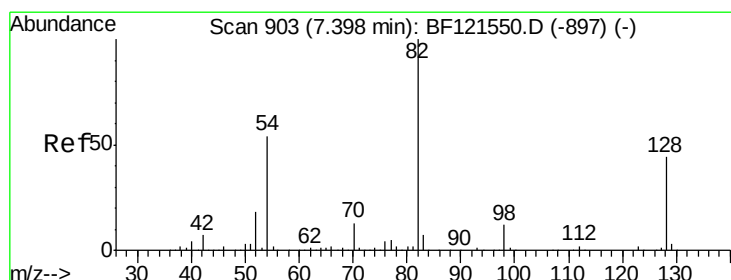
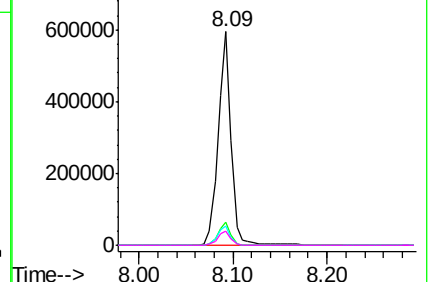
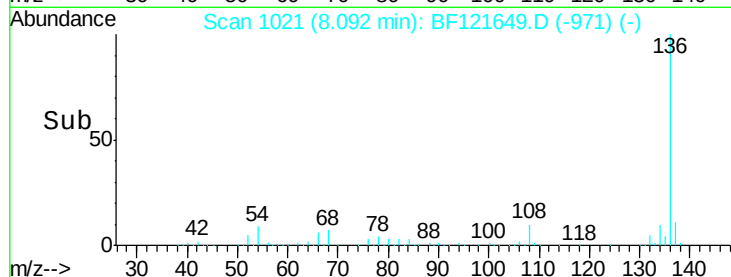


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.427 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

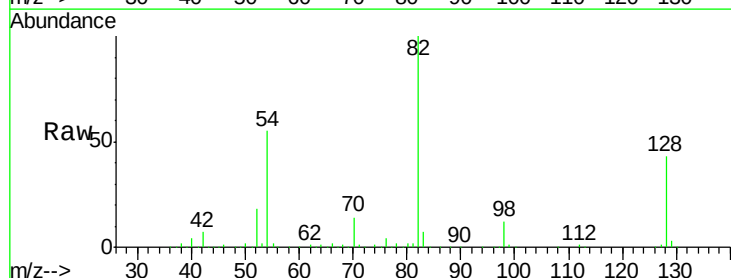
Tgt Ion: 82 Resp: 1106716

Ion Ratio Lower Upper

82 100

128 43.3 33.9 50.9

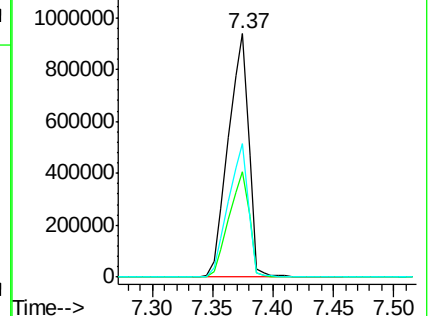
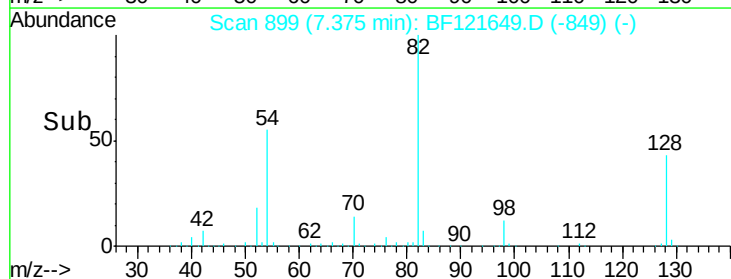
54 54.7 42.9 64.3

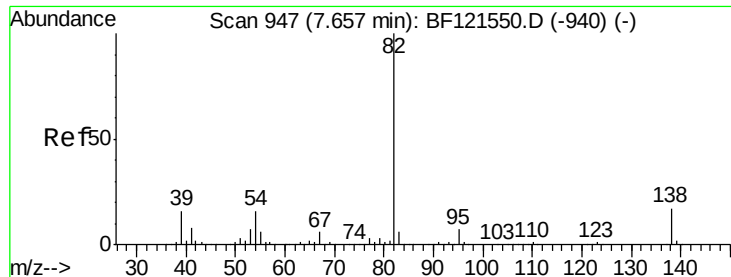


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.329 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

Instrument :

BNA_F

ClientSampleId :

PB131810BL

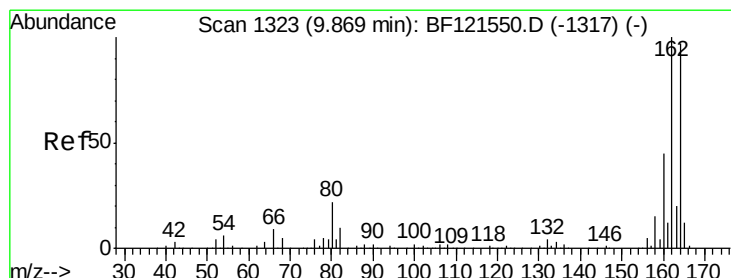
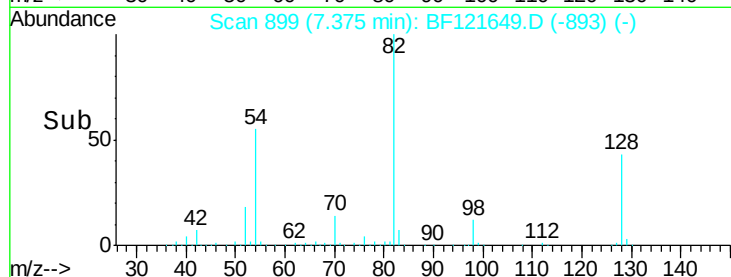
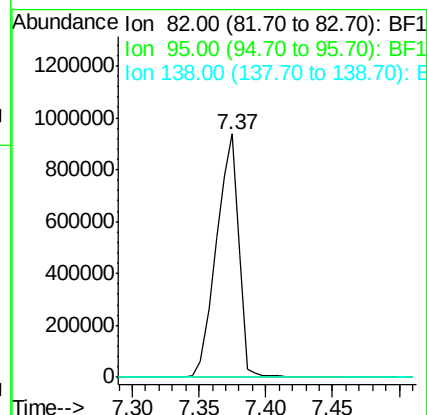
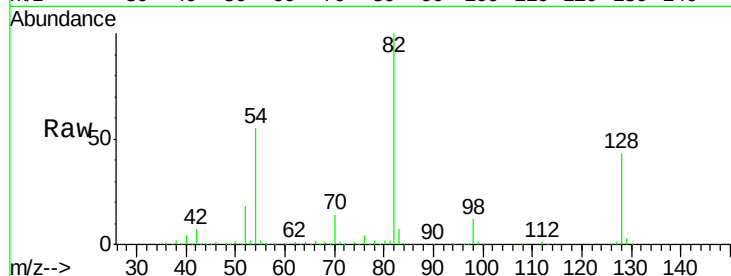
Tot Ion: 82 Resp: 1094671

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 13.2 19.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

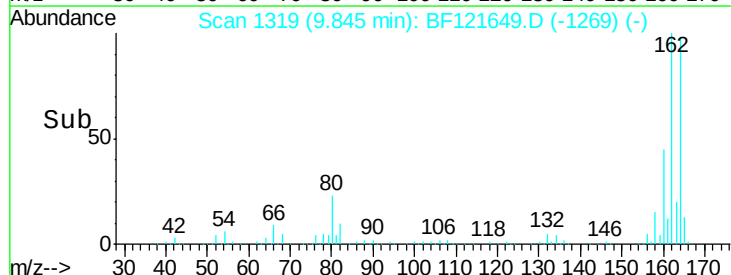
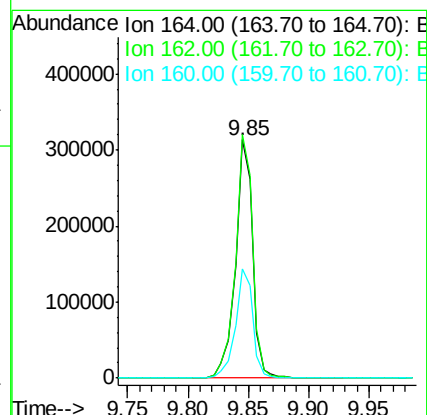
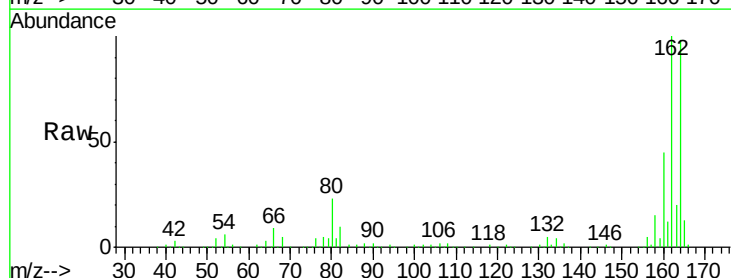
Tgt Ion: 164 Resp: 309837

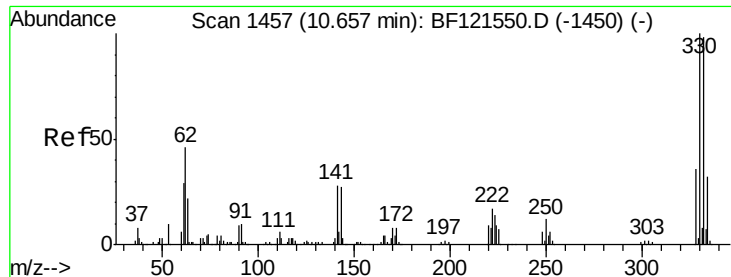
Ion Ratio Lower Upper

164 100

162 102.3 81.2 121.8

160 46.1 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 143.313 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

Instrument :

BNA_F

ClientSampleId :

PB131810BL

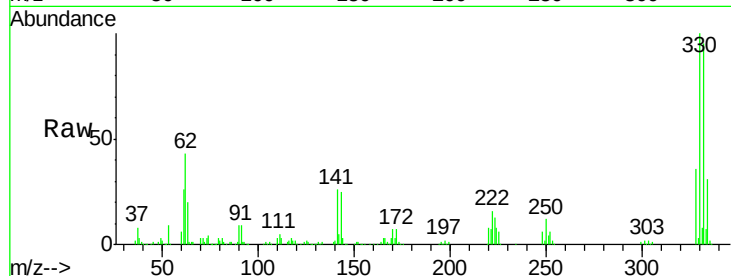
Tot Ion:330 Resp: 551879

Ion Ratio Lower Upper

330 100

332 96.1 76.9 115.3

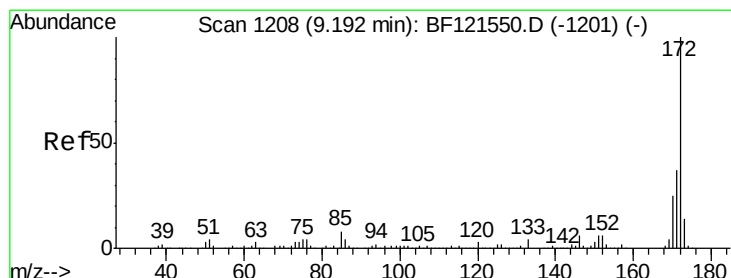
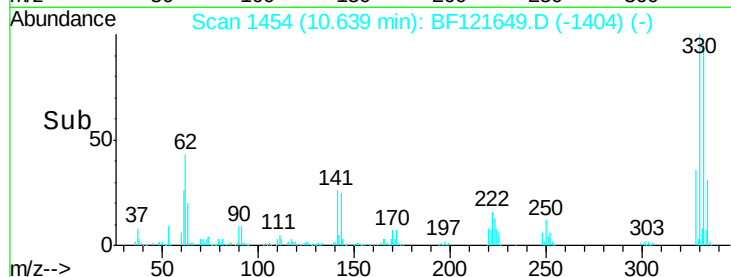
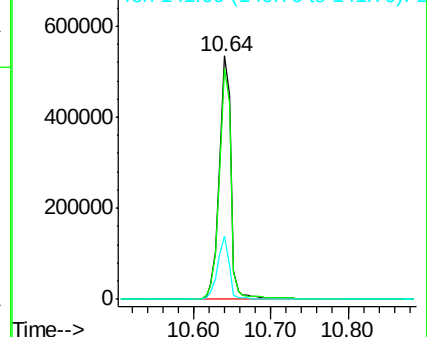
141 26.3 22.4 33.6



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: 92.803 ng

RT: 9.17 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

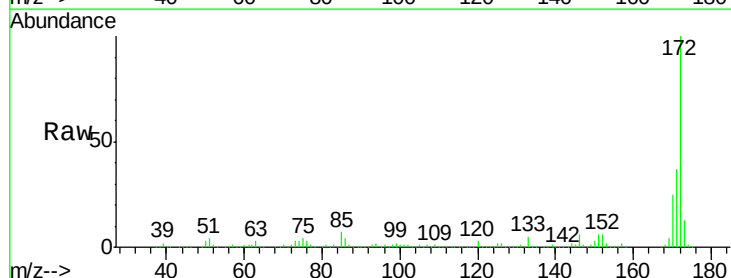
Tgt Ion:172 Resp: 1898534

Ion Ratio Lower Upper

172 100

171 37.0 29.3 43.9

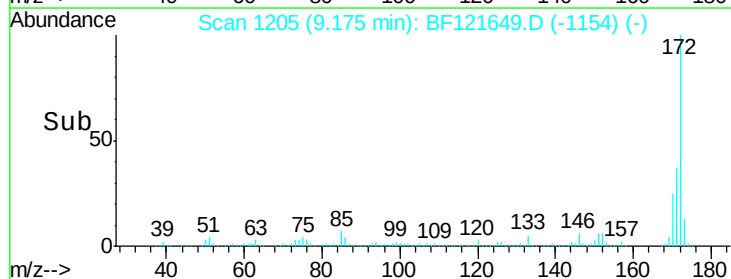
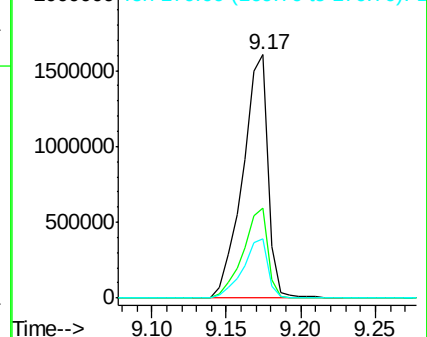
170 24.6 19.5 29.3

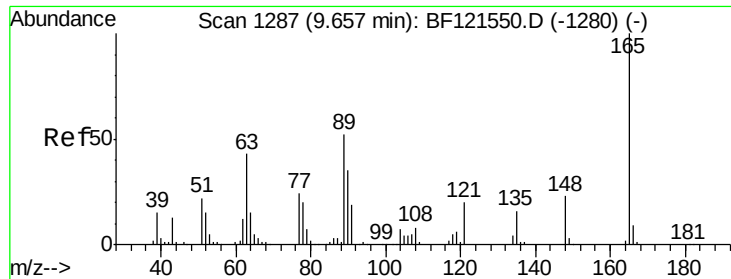


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

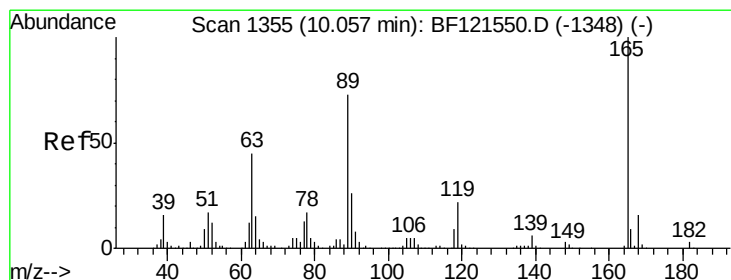
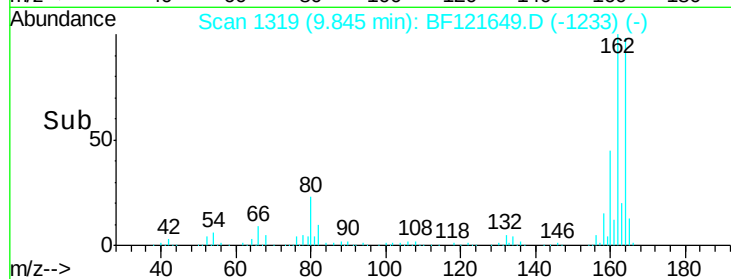
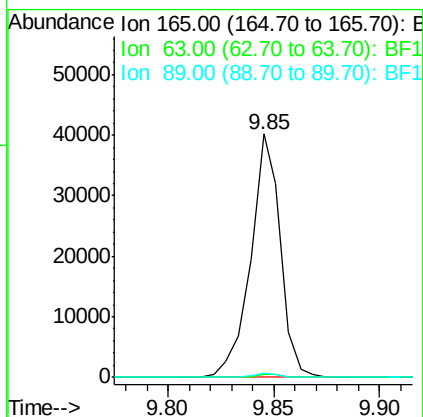
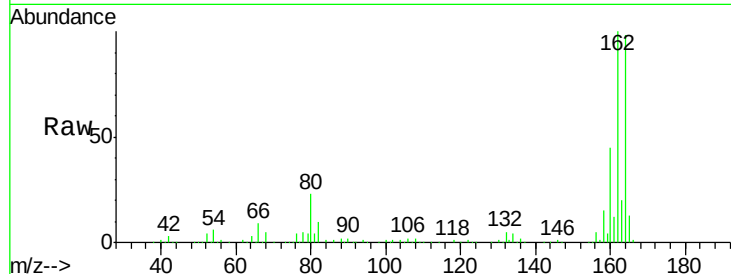




#51
 2,6-Dinitrotoluene
 Concen: 8.178 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121649.D
 Acq: 22 Sep 2020 19:51

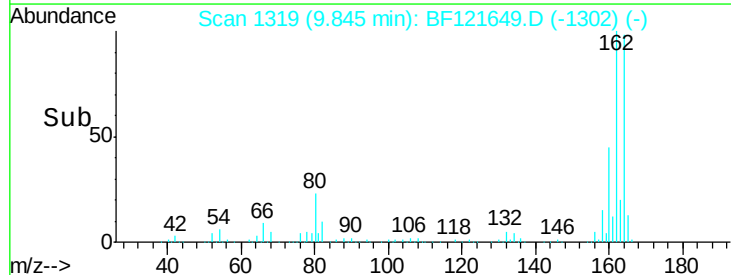
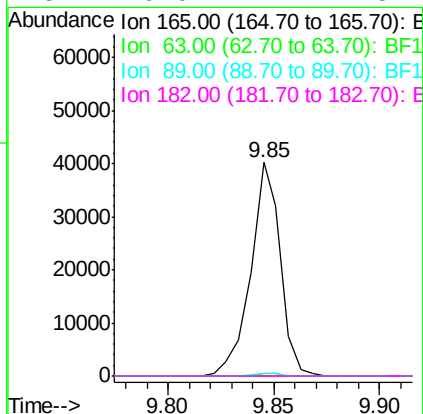
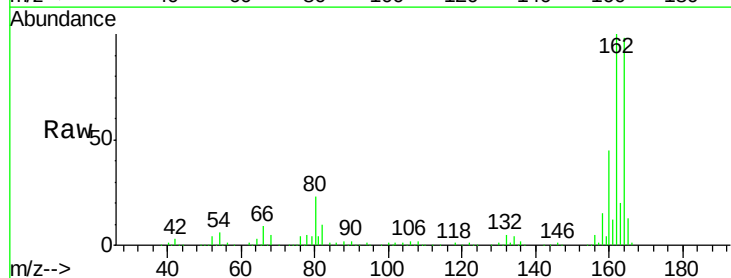
Instrument :
 BNA_F
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 PB131810BL

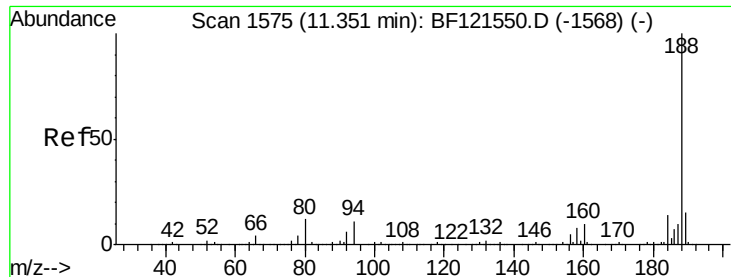
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	47.6	71.4#
89	1.5	46.0	69.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.501 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121649.D
 Acq: 22 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.7	55.1#
89	1.5	57.7	86.5#
182	0.0	2.1	3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

Instrument :

BNA_F

ClientSampleId :

PB131810BL

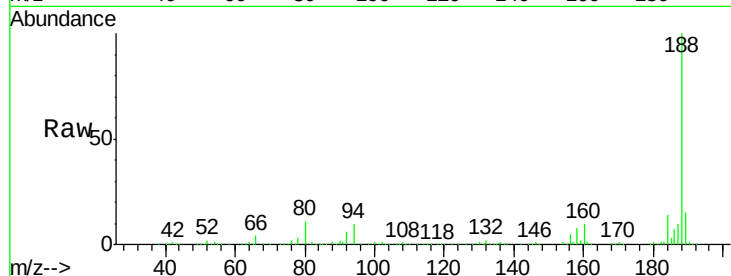
Tot Ion:188 Resp: 602015

Ion Ratio Lower Upper

188 100

94 10.3 8.4 12.6

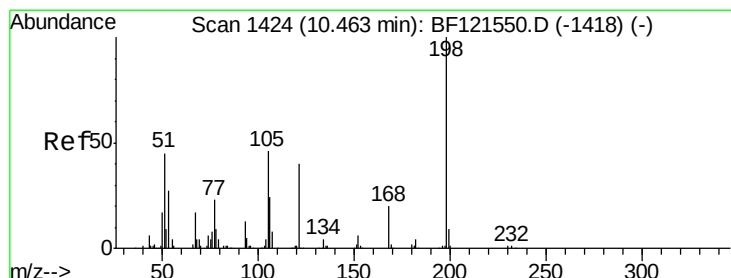
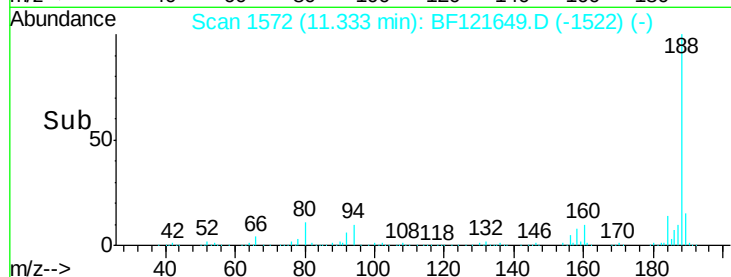
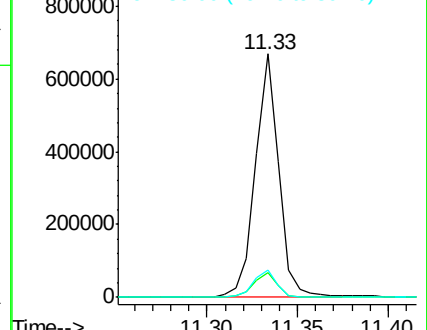
80 11.4 9.0 13.4



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: 7.044 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

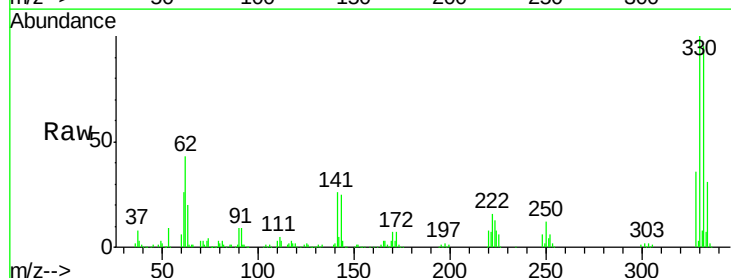
Tgt Ion:198 Resp: 826

Ion Ratio Lower Upper

198 100

51 189.6 20.3 60.3#

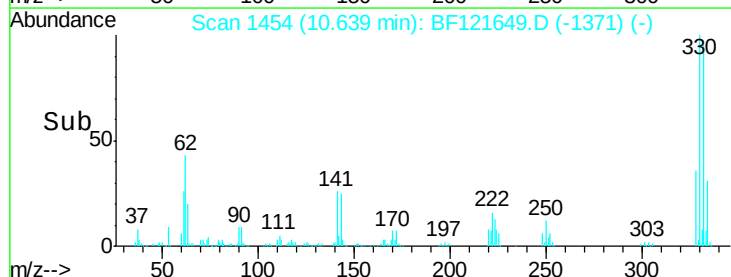
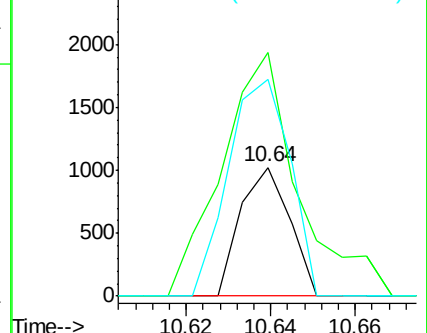
105 168.5 20.2 60.2#

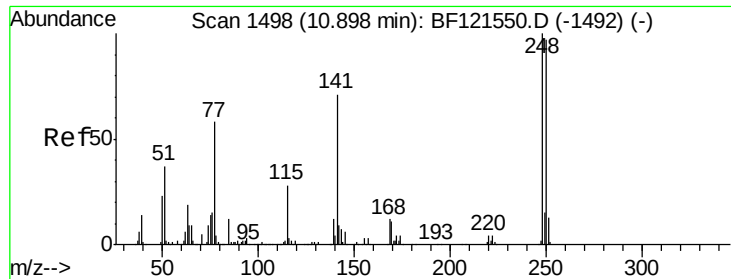


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

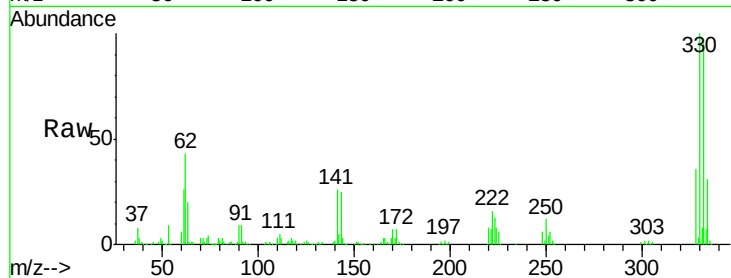




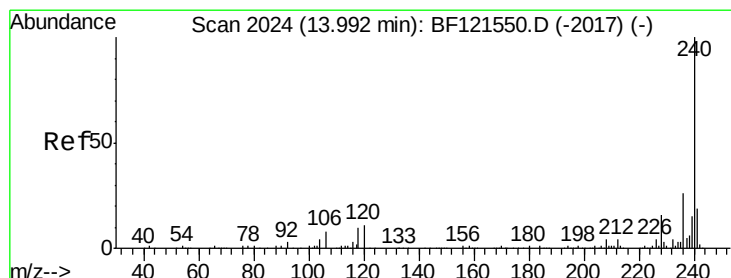
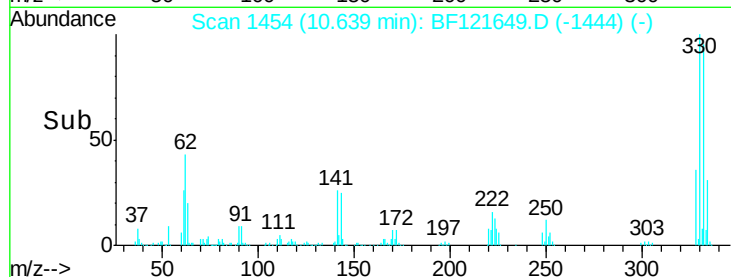
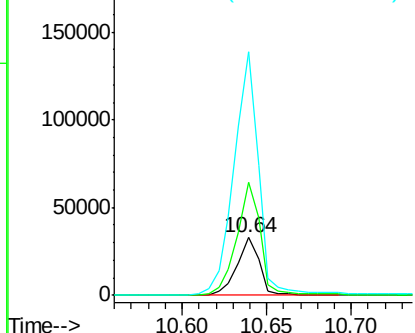
#67
 4-Bromophenyl-phenylether
 Concen: 4.505 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121649.D
 Acq: 22 Sep 2020 19:51

Instrument :
 BNA_F
 ClientSampleId :
 PB131810BL

Tot Ion:248 Resp: 30877
 Ion Ratio Lower Upper
 248 100
 250 196.4 79.4 119.0#
 141 423.0 52.2 78.4#

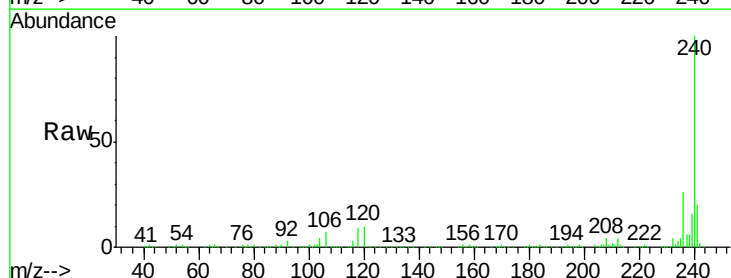


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

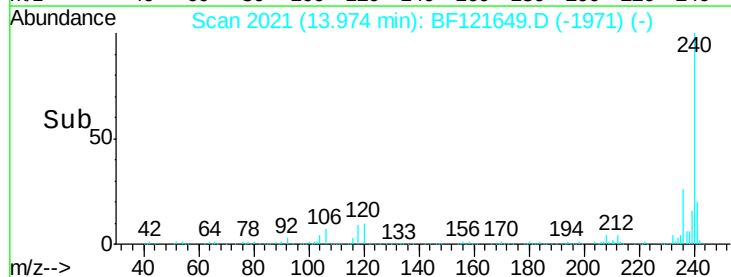
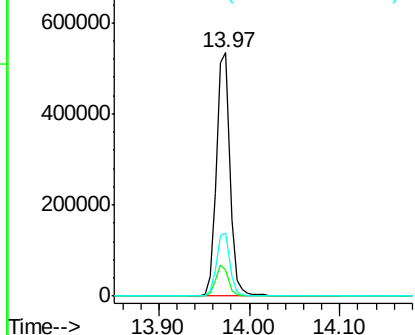


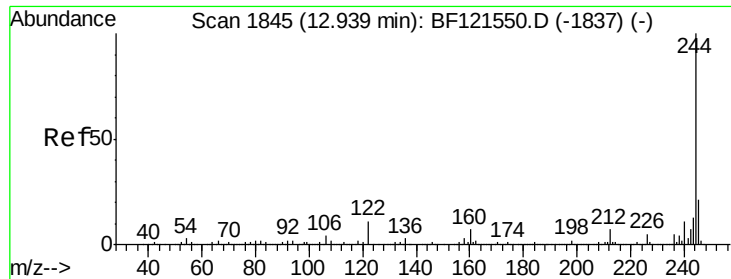
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF121649.D
 Acq: 22 Sep 2020 19:51

Tgt Ion:240 Resp: 551398
 Ion Ratio Lower Upper
 240 100
 120 10.5 9.2 13.8
 236 25.8 20.4 30.6



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





#79

Terphenyl-d14

Concen: 82.831 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

Instrument :

BNA_F

ClientSampleId :

PB131810BL

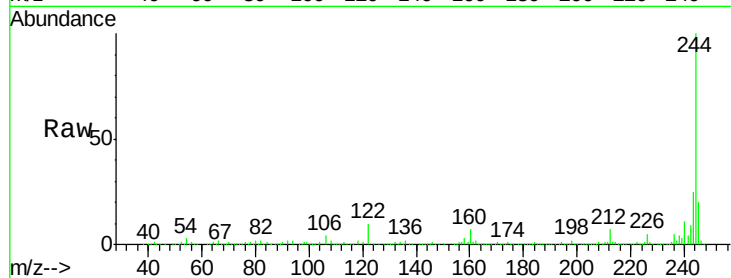
Tot Ion:244 Resp: 2254433

Ion Ratio Lower Upper

244 100

212 7.4 5.5 8.3

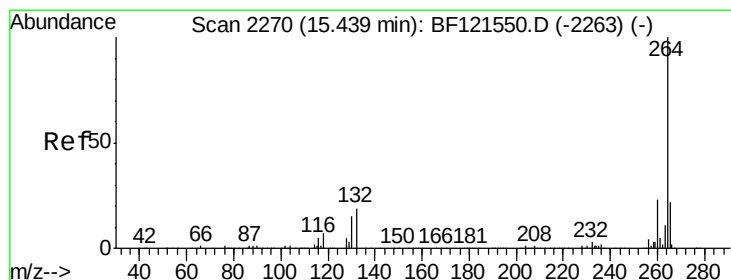
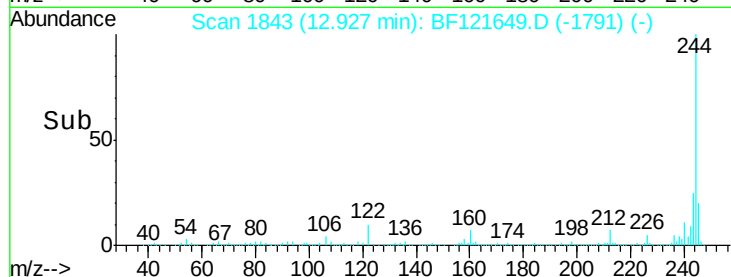
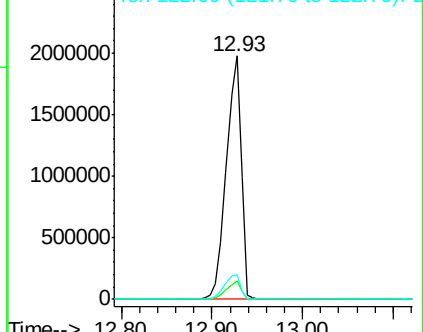
122 10.1 7.4 11.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.01 min

Lab File: BF121649.D

Acq: 22 Sep 2020 19:51

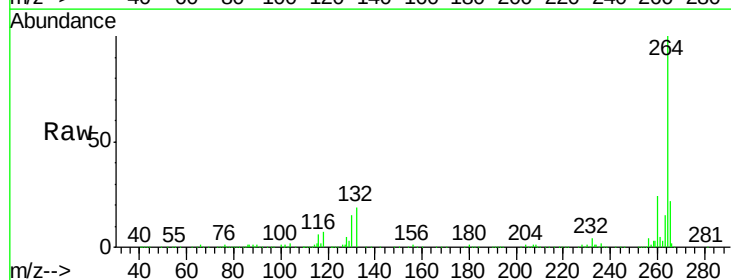
Tgt Ion:264 Resp: 501169

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.7 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

