

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092420\
 Data File : BF121689.D
 Acq On : 24 Sep 2020 18:54
 Operator : JU/CG
 Sample : L4133-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Quant Time: Sep 25 01:11:44 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

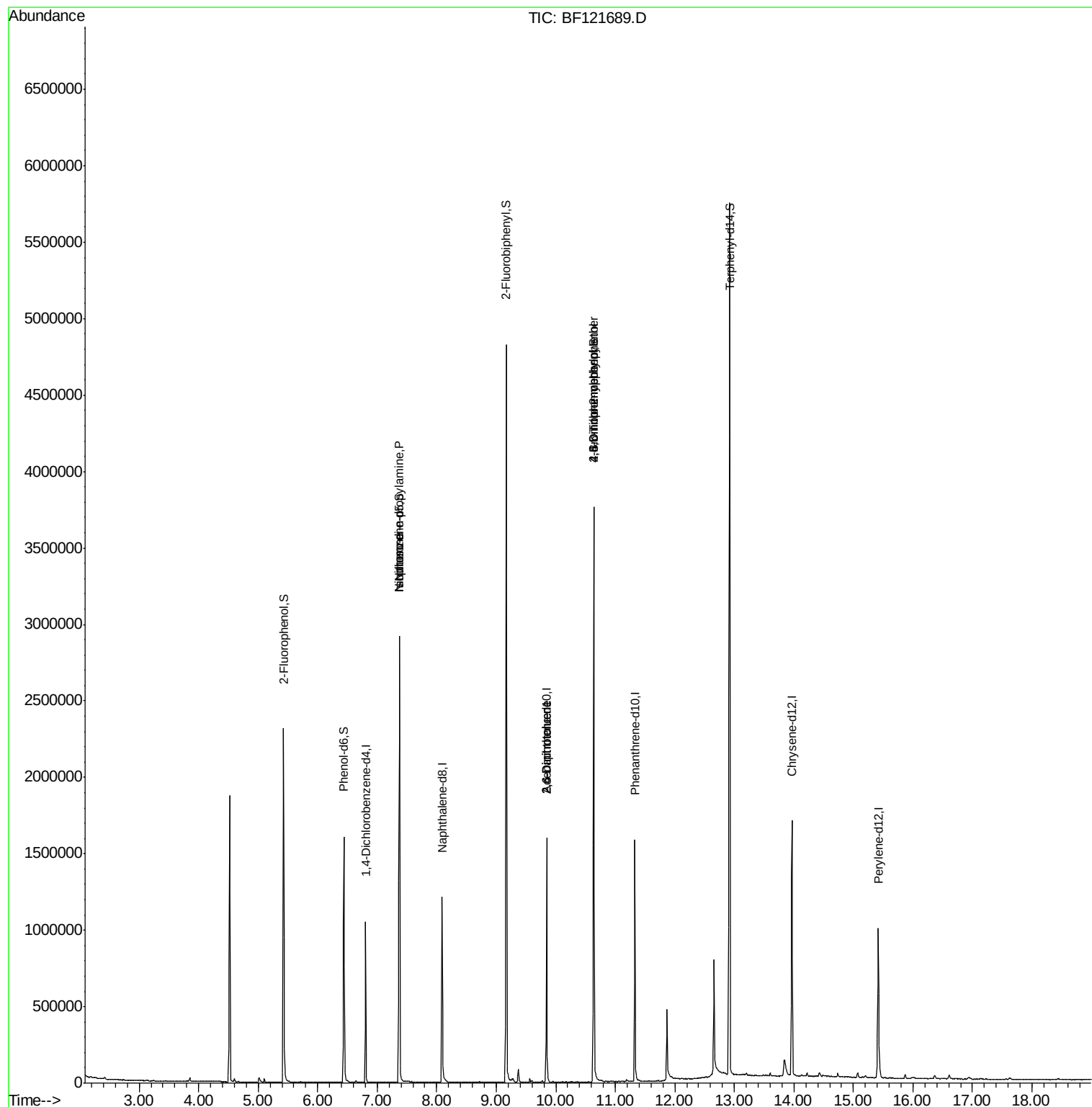
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	149084	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	590198	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	317372	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	616717	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	577251	20.00	ng	-0.01
86) Perylene-d12	15.42	264	487031	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	631820	62.98	ng	0.00
7) Phenol-d6	6.44	99	521088	39.59	ng	-0.01
23) Nitrobenzene-d5	7.37	82	1038817	94.50	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	548871	139.15	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1656333	79.04	ng	0.00
79) Terphenyl-d14	12.92	244	2317726	81.34	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	139920	18.447	ng	# 80
25) Isophorone	7.37	82	1031116	46.598	ng	# 67
51) 2,6-Dinitrotoluene	9.85	165	40228	8.212	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	40228	6.527	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.64	198	1114	7.104	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	31330	4.462	ng	# 1

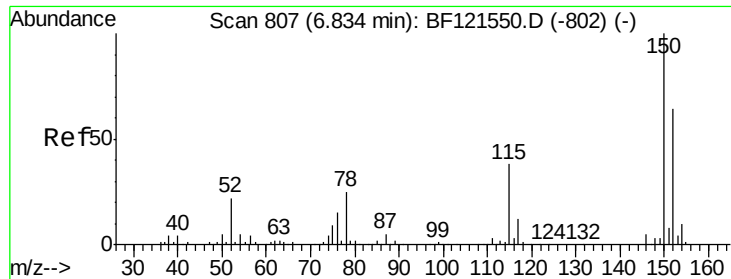
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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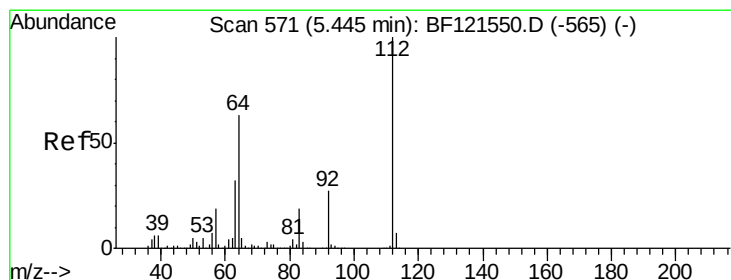
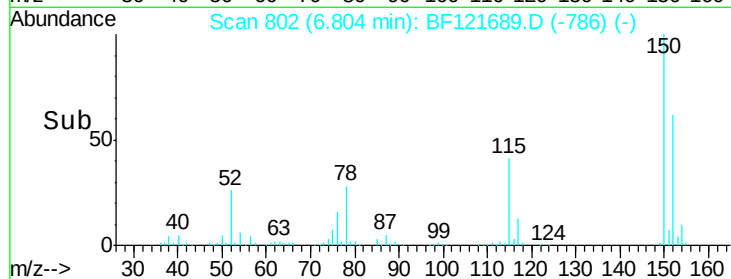
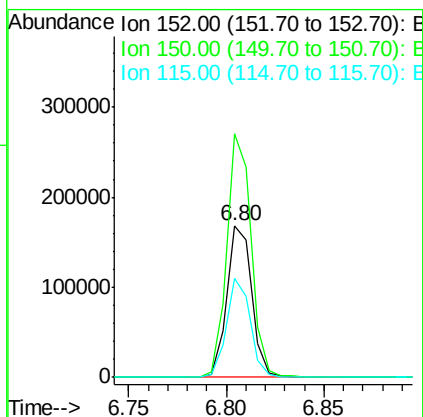
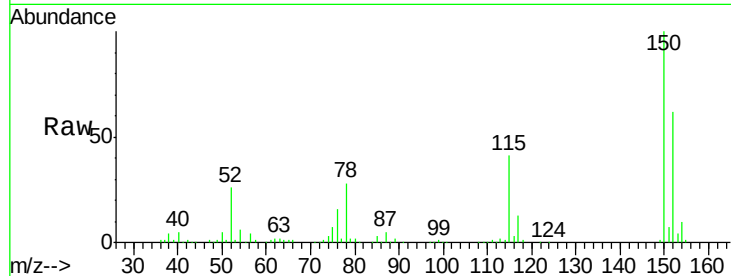


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF121689.D
Acq: 24 Sep 2020 18:54

Instrument :
BNA_F
ClientSampleId :
MW2

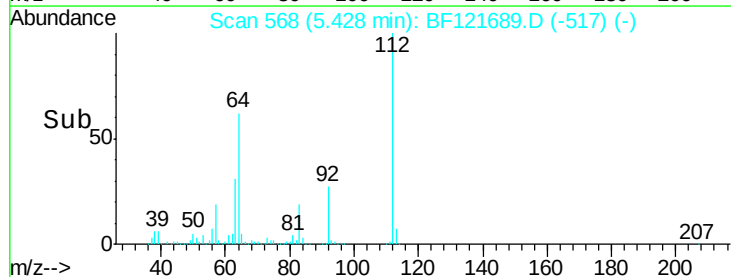
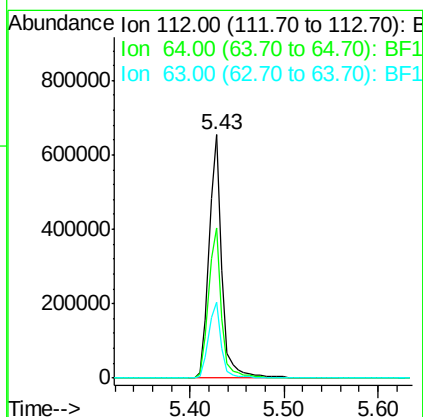
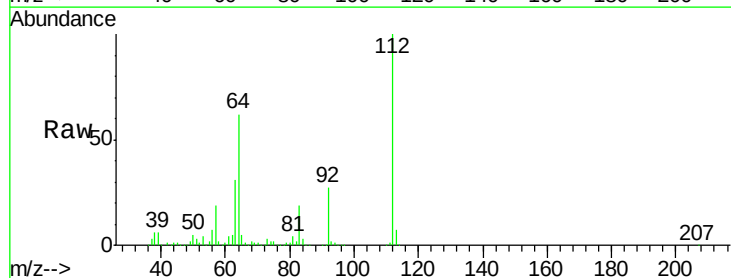
Tot Ion:152 Resp: 149084
Ion Ratio Lower Upper
152 100
150 160.2 128.1 192.1
115 65.1 52.6 79.0

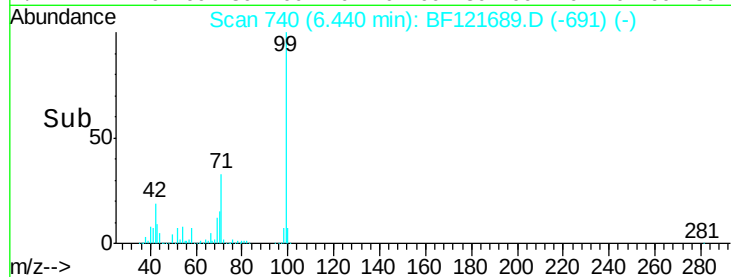
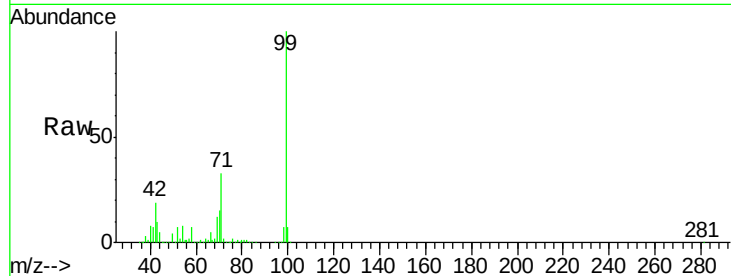
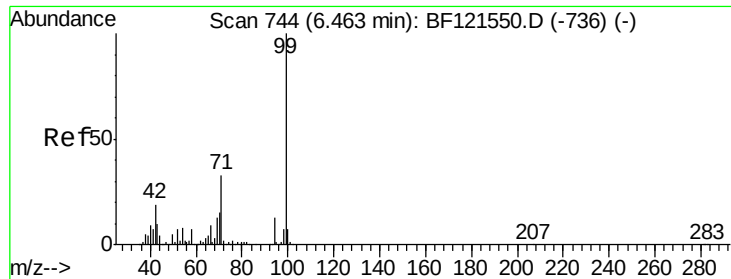


#5

2-Fluorophenol
Concen: 62.982 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF121689.D
Acq: 24 Sep 2020 18:54

Tgt Ion:112 Resp: 631820
Ion Ratio Lower Upper
112 100
64 61.9 52.2 78.2
63 31.1 26.6 39.8





#7

Phenol-d6

Concen: 39.593 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

Instrument :

BNA_F

ClientSampleId :

MW2

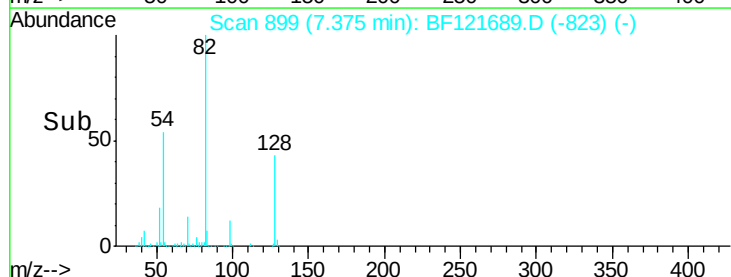
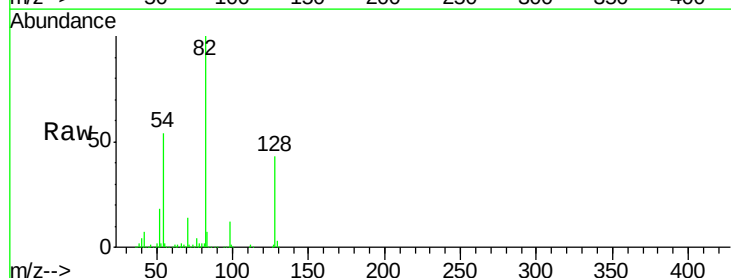
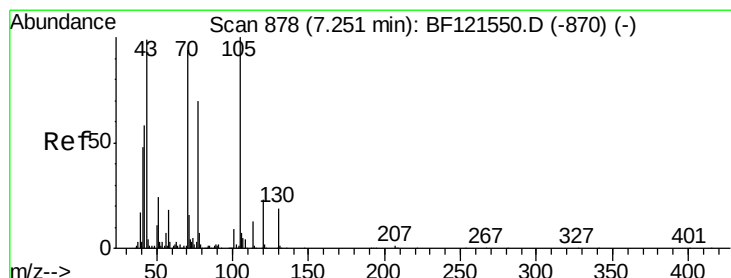
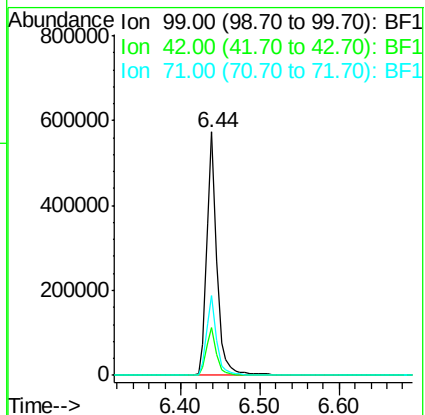
Tot Ion: 99 Resp: 521088

Ion Ratio Lower Upper

99 100

42 19.4 15.5 23.3

71 32.7 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 18.447 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

Tgt Ion: 70 Resp: 139920

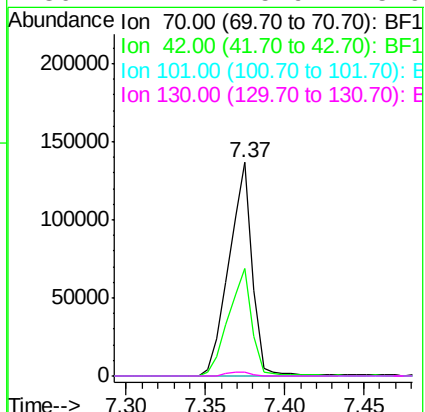
Ion Ratio Lower Upper

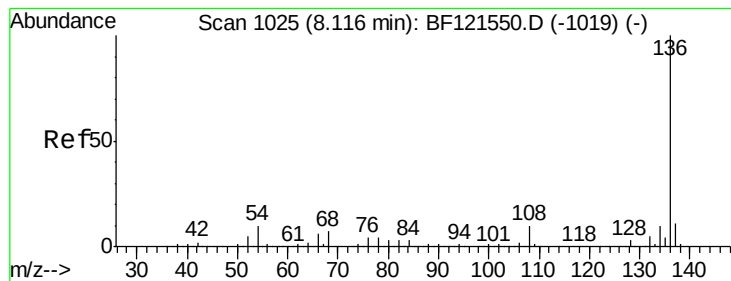
70 100

42 50.4 48.3 72.5

101 0.0 7.6 11.4#

130 2.1 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: BF121689.D

Acq: 24 Sep 2020 18:54

Instrument :

BNA_F

ClientSampleId :

MW2

Tot Ion:136 Resp: 590198

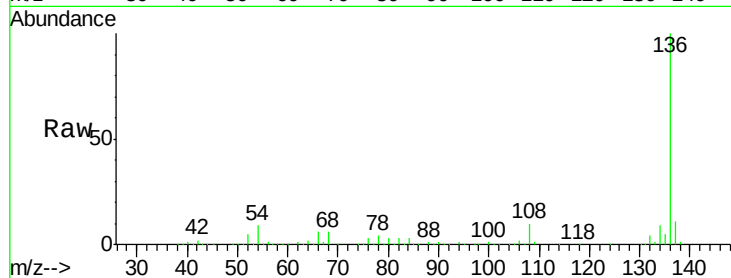
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 7.4 11.0

68 6.2 5.3 7.9

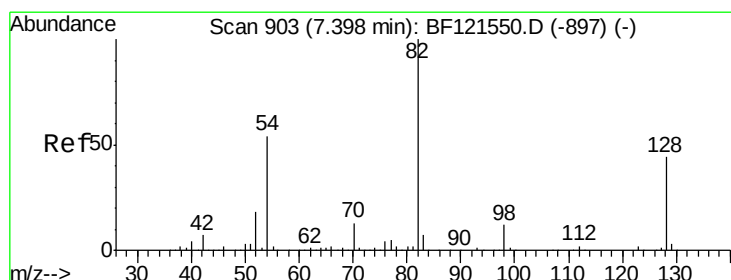
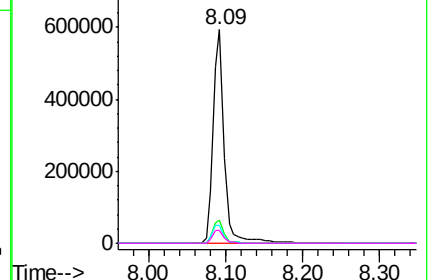
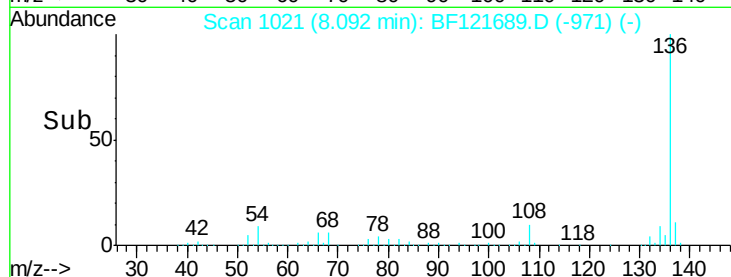


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.504 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

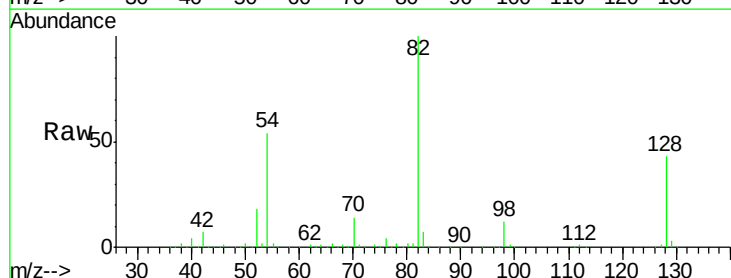
Tgt Ion: 82 Resp: 1038817

Ion Ratio Lower Upper

82 100

128 43.1 33.9 50.9

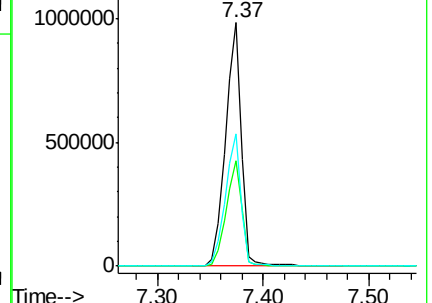
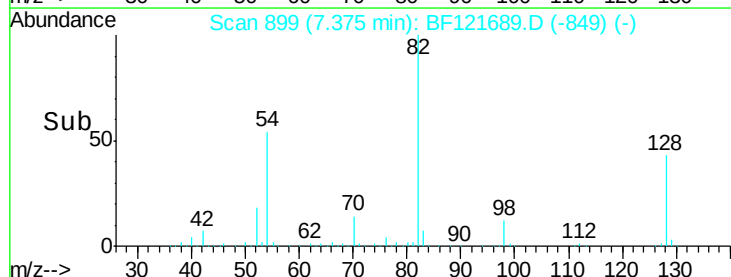
54 54.2 42.9 64.3

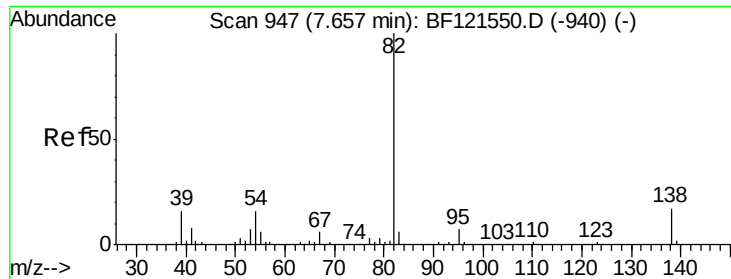


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

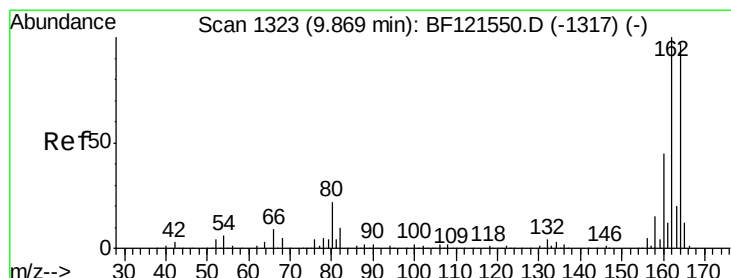
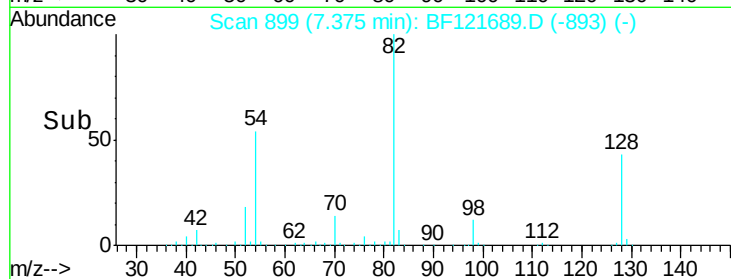
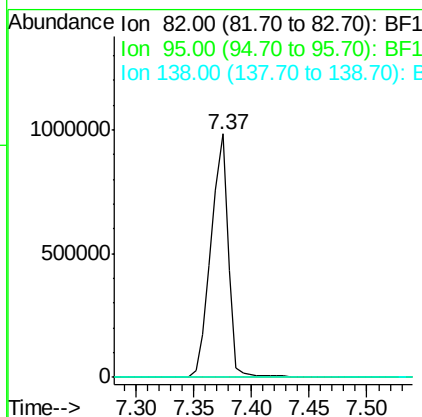
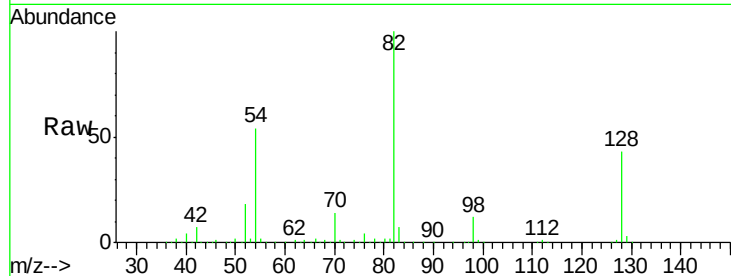




#25
Isophorone
Concen: 46.598 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.26 min
Lab File: BF121689.D
Acq: 24 Sep 2020 18:54

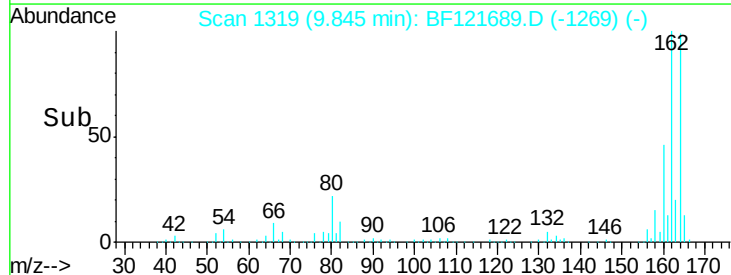
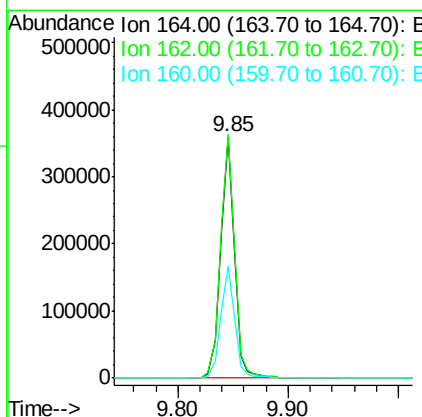
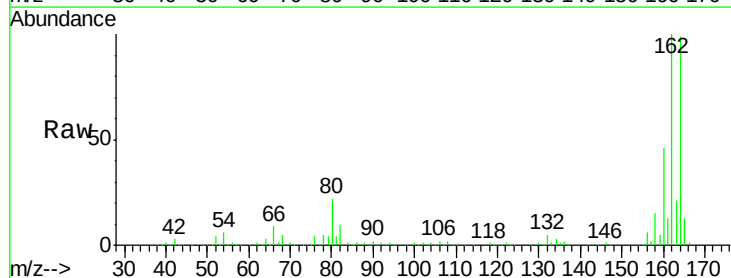
Instrument :
BNA_F
ClientSampleId :
MW2

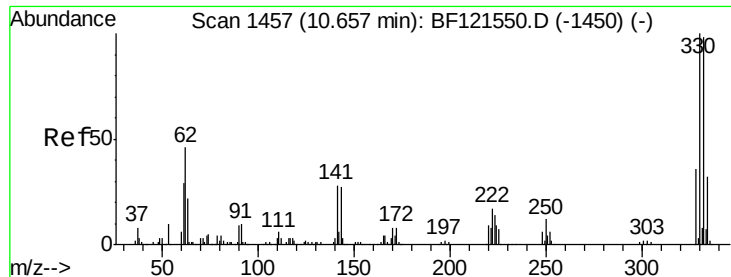
Tot Ion: 82 Resp: 1031116
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF121689.D
Acq: 24 Sep 2020 18:54

Tgt Ion: 164 Resp: 317372
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 46.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 139.148 ng

RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

Instrument :

BNA_F

ClientSampleId :

MW2

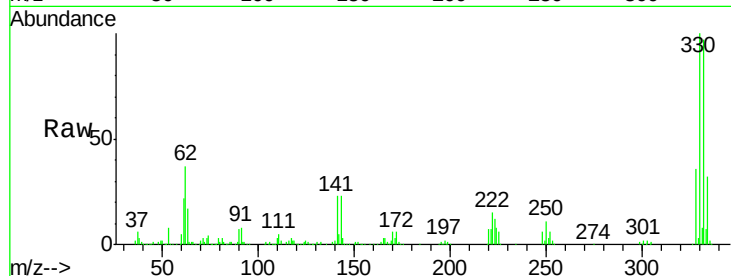
Tot Ion:330 Resp: 548871

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

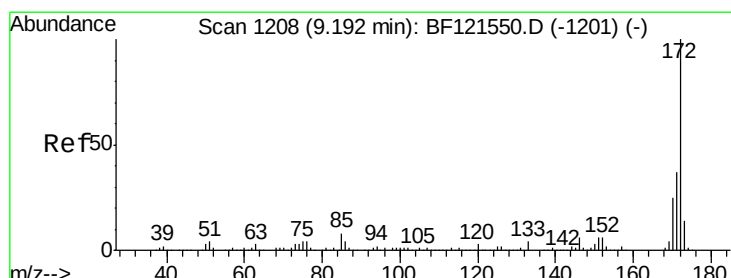
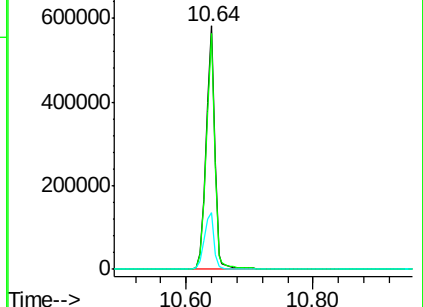
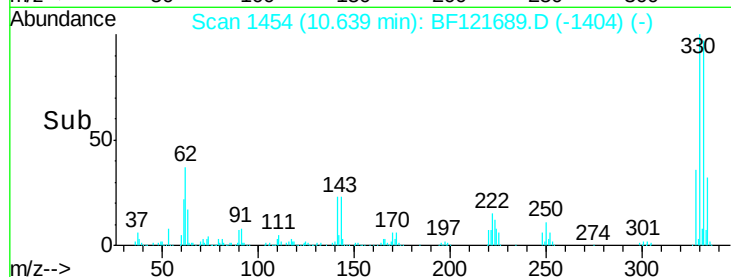
141 26.3 22.4 33.6



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: 79.042 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.01 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

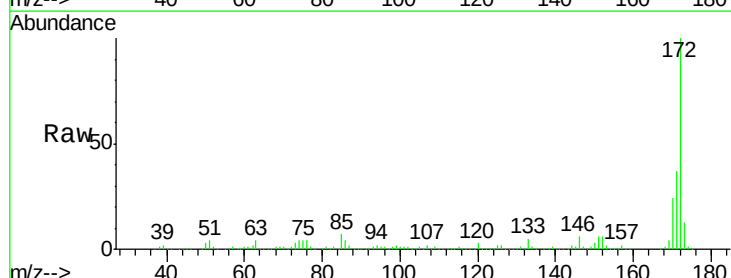
Tgt Ion:172 Resp: 1656333

Ion Ratio Lower Upper

172 100

171 36.7 29.3 43.9

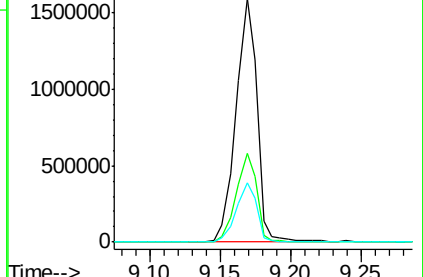
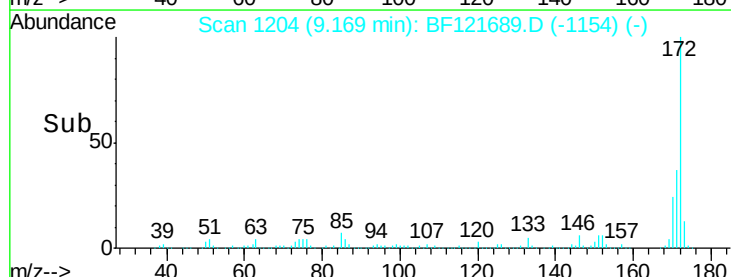
170 24.5 19.5 29.3

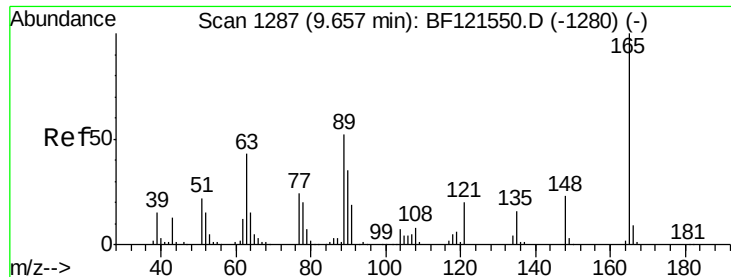


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

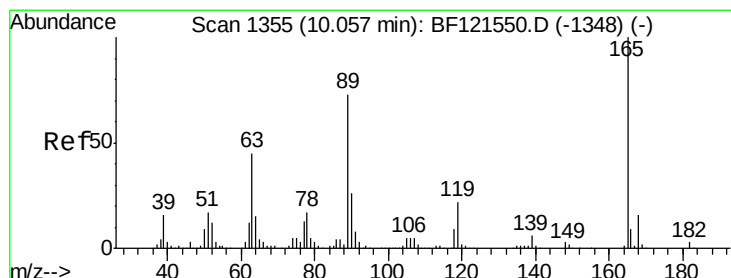
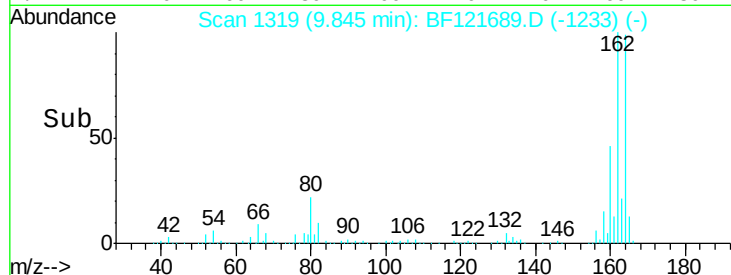
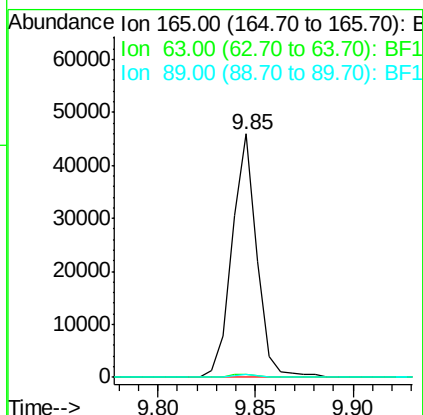
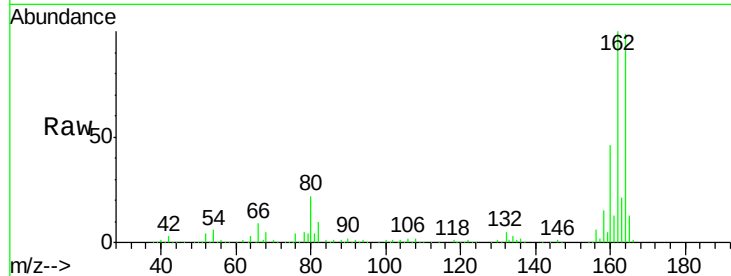




#51
 2,6-Dinitrotoluene
 Concen: 8.212 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121689.D
 Acq: 24 Sep 2020 18:54

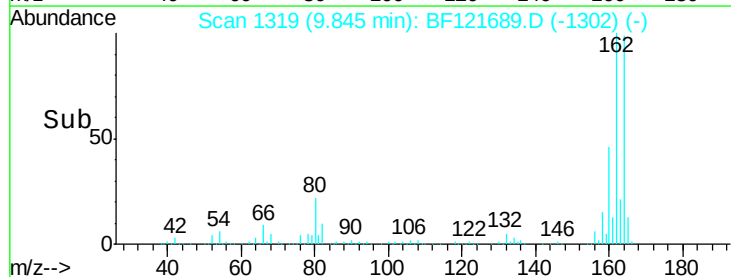
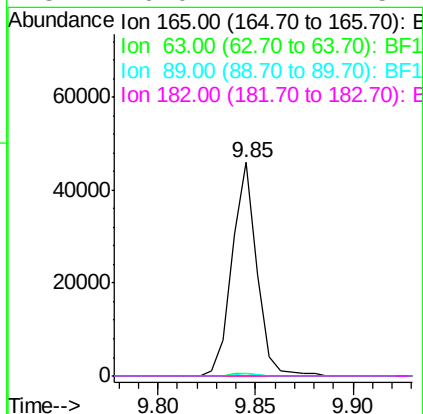
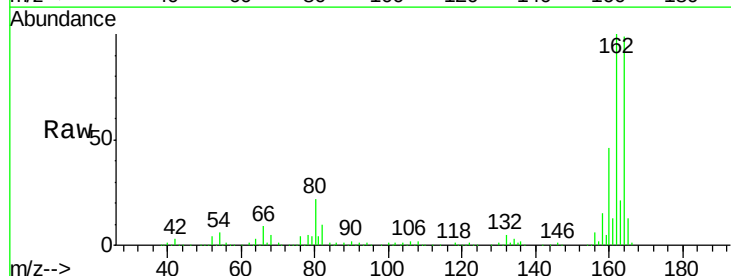
Instrument :
 BNA_F
 ClientSampleId :
 MW2

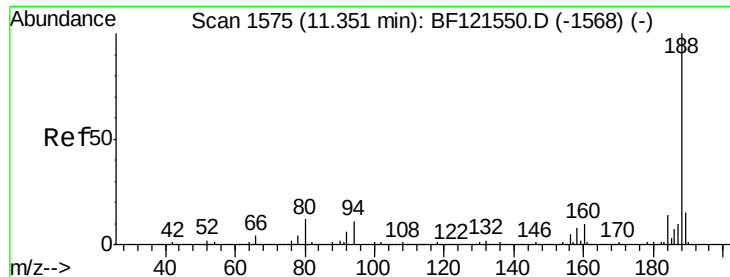
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	47.6	71.4#
89	1.3	46.0	69.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.527 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121689.D
 Acq: 24 Sep 2020 18:54

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

Instrument :

BNA_F

ClientSampleId :

MW2

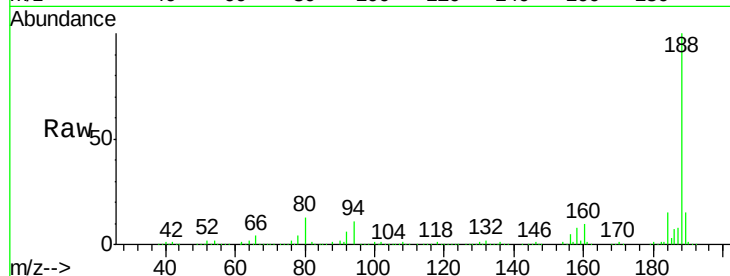
Tot Ion:188 Resp: 616717

Ion Ratio Lower Upper

188 100

94 11.5 8.4 12.6

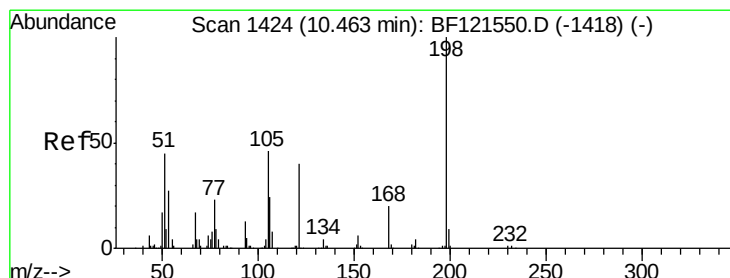
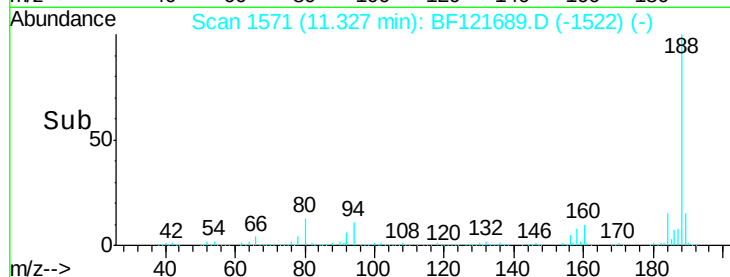
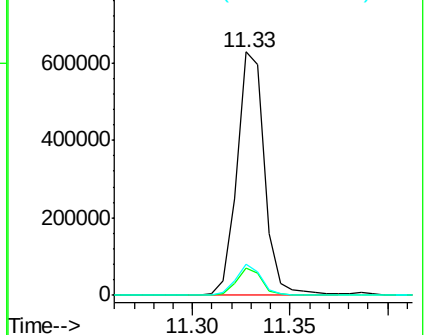
80 12.6 9.0 13.4



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: 7.104 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.19 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

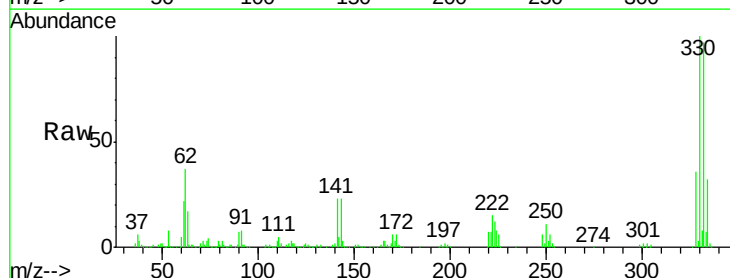
Tgt Ion:198 Resp: 1114

Ion Ratio Lower Upper

198 100

51 161.6 20.3 60.3#

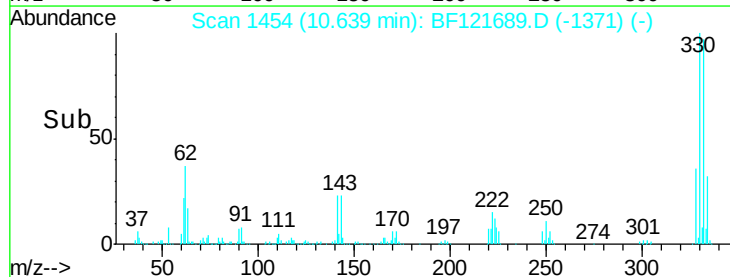
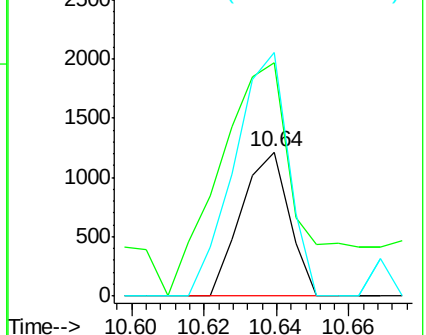
105 169.0 20.2 60.2#

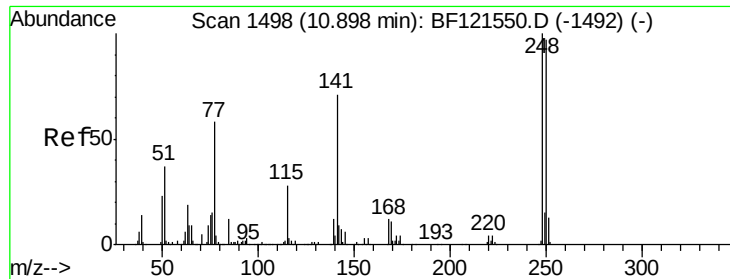


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

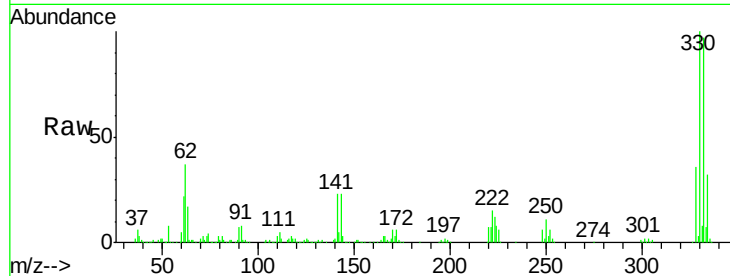




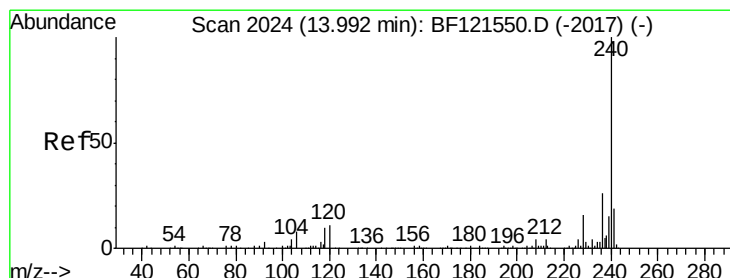
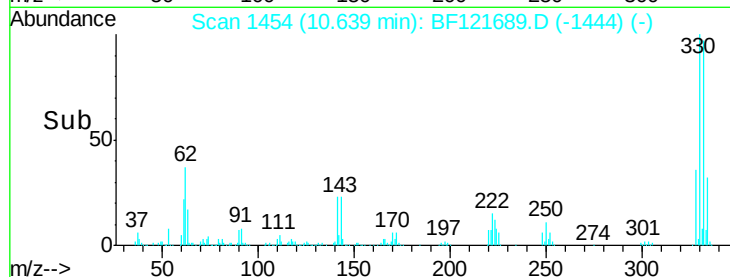
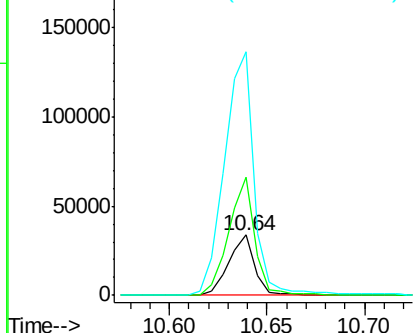
#67
 4-Bromophenyl-phenylether
 Concen: 4.462 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.24 min
 Lab File: BF121689.D
 Acq: 24 Sep 2020 18:54

Instrument :
 BNA_F
 ClientSampleId :
 MW2

Tot Ion:248 Resp: 31330
 Ion Ratio Lower Upper
 248 100
 250 195.5 79.4 119.0#
 141 403.8 52.2 78.4#

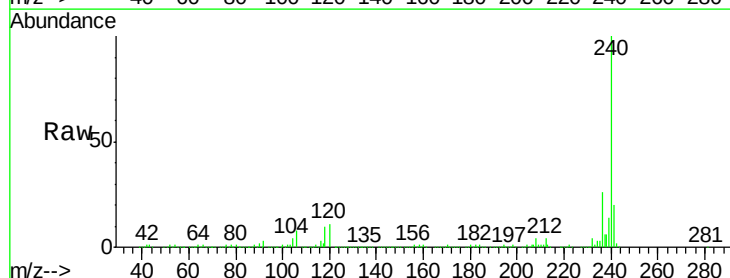


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

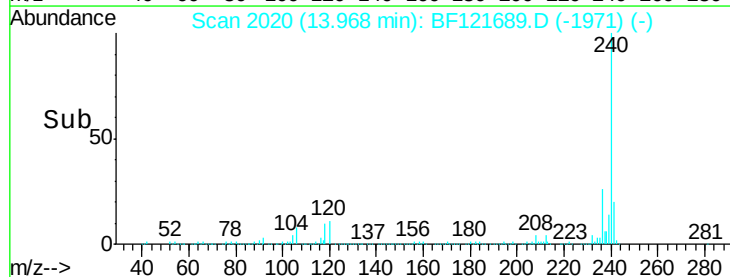
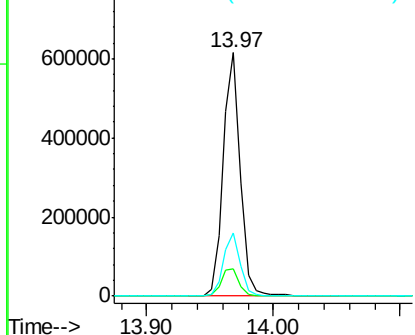


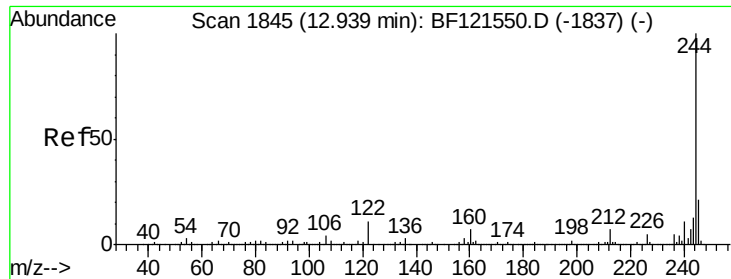
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF121689.D
 Acq: 24 Sep 2020 18:54

Tgt Ion:240 Resp: 577251
 Ion Ratio Lower Upper
 240 100
 120 11.0 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: 81.342 ng

RT: 12.92 min Scan# 1842

Delta R.T. 0.00 min

Lab File: BF121689.D

Acq: 24 Sep 2020 18:54

Instrument :

BNA_F

ClientSampled :

MW2

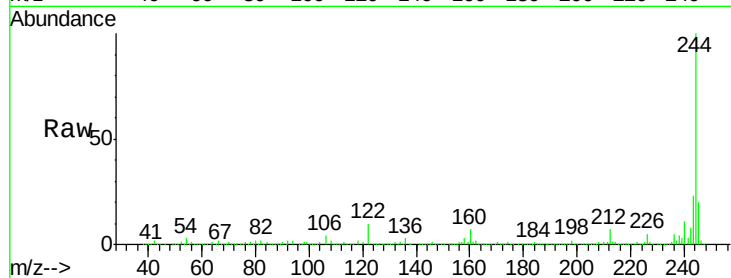
Tot Ion:244 Resp: 2317726

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

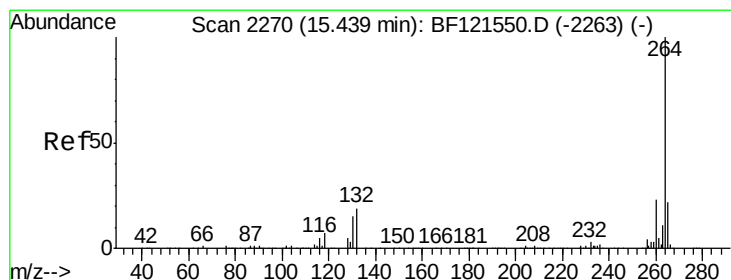
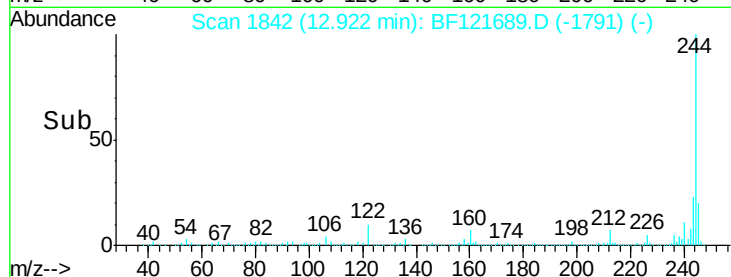
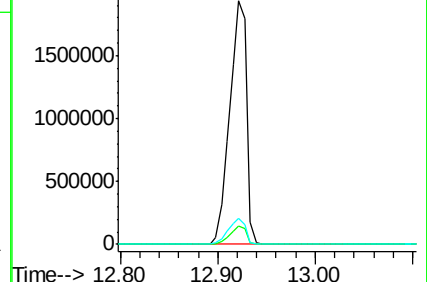
122 10.4 7.4 11.0



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: BF121689.D

Acq: 24 Sep 2020 18:54

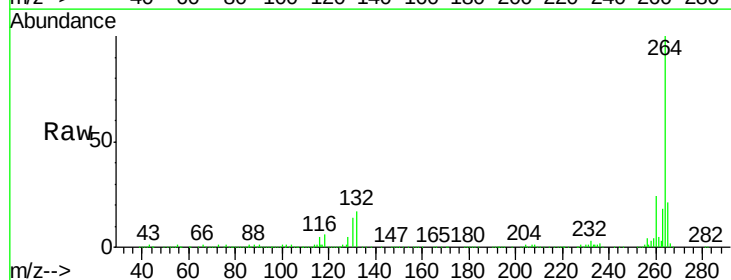
Tgt Ion:264 Resp: 487031

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 20.8 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

