

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092220\
 Data File : BF121659.D
 Acq On : 23 Sep 2020 1:00
 Operator : JU/CG
 Sample : L3866-10
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-092120

Quant Time: Sep 23 05:28:56 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

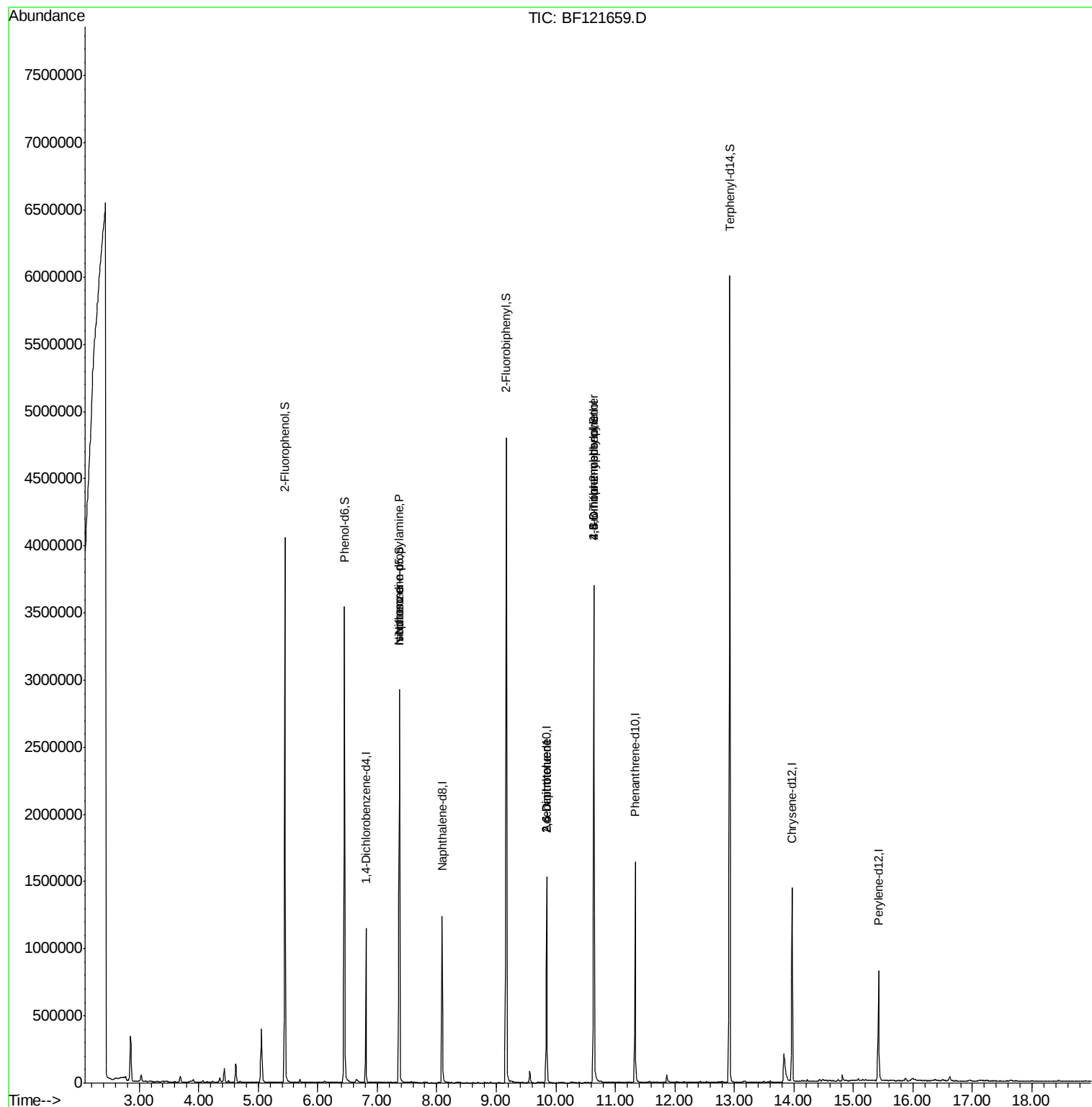
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	153191	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	601332	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	320952	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	616638	20.00	ng	0.00
76) Chrysene-d12	13.97	240	496791	20.00	ng	-0.01
86) Perylene-d12	15.42	264	361443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1121831	108.83	ng	0.02
7) Phenol-d6	6.45	99	1320103	97.61	ng	0.00
23) Nitrobenzene-d5	7.37	82	1119733	99.98	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	586956	147.14	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	1952422	92.13	ng	0.00
79) Terphenyl-d14	12.93	244	2201310	89.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	153865	19.741	ng	# 80
25) Isophorone	7.37	82	1108958	49.188	ng	# 67
51) 2,6-Dinitrotoluene	9.85	165	40866	8.249	ng	# 23
57) 2,4-Dinitrotoluene	9.85	165	40866	6.557	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.64	198	1161	7.115	ng	# 1
67) 4-Bromophenyl-phenylether	10.64	248	33464	4.766	ng	# 1

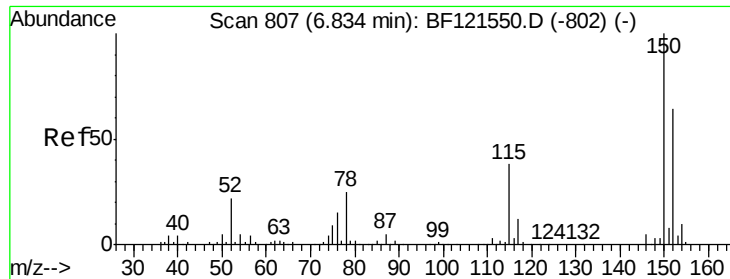
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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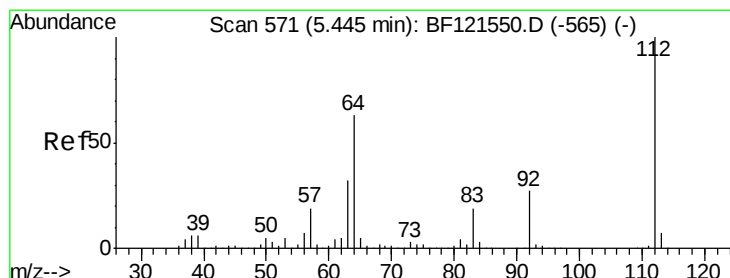
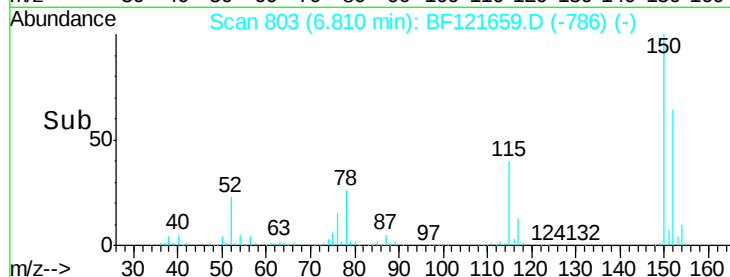
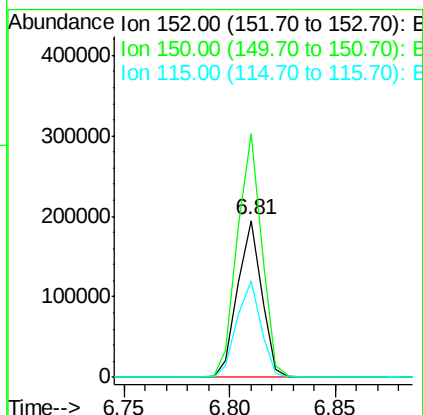
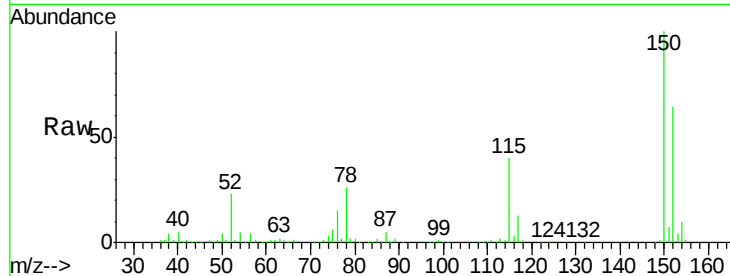


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF121659.D
Acq: 23 Sep 2020 1:00

Instrument :
BNA_F
ClientSampleId :
OK-01-092120

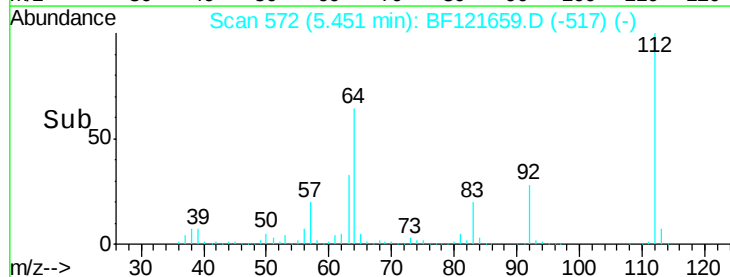
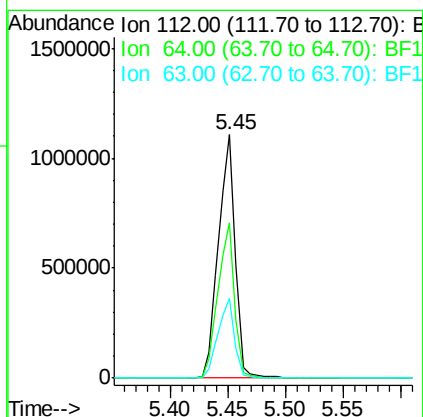
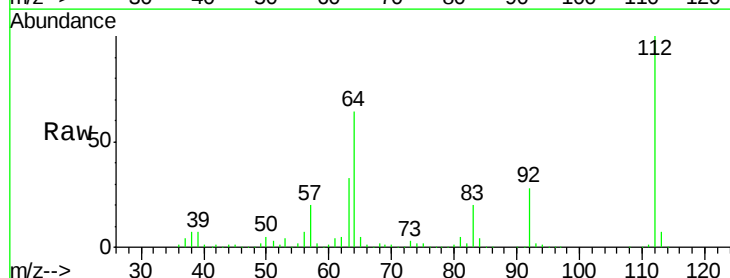
Tot Ion:152 Resp: 153191
Ion Ratio Lower Upper
152 100
150 155.4 128.1 192.1
115 61.8 52.6 79.0

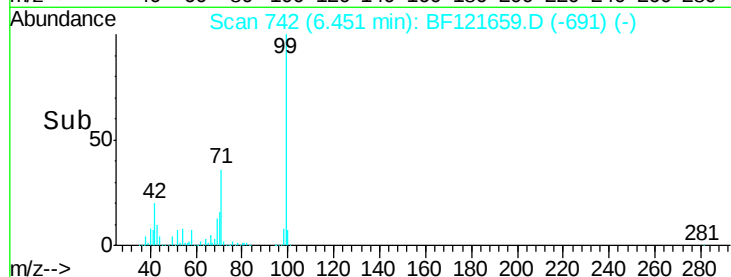
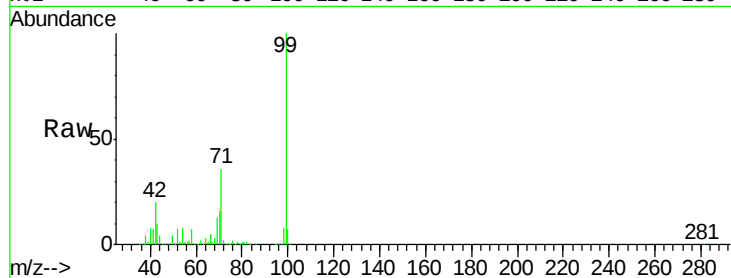
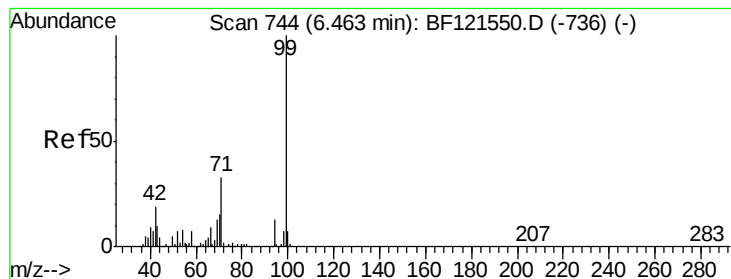


#5

2-Fluorophenol
Concen: 108.830 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.02 min
Lab File: BF121659.D
Acq: 23 Sep 2020 1:00

Tgt Ion:112 Resp: 1121831
Ion Ratio Lower Upper
112 100
64 63.7 52.2 78.2
63 32.9 26.6 39.8





#7

Phenol-d6

Concen: 97.615 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF121659.D

Acq: 23 Sep 2020 1:00

Instrument :

BNA_F

ClientSampleId :

OK-01-092120

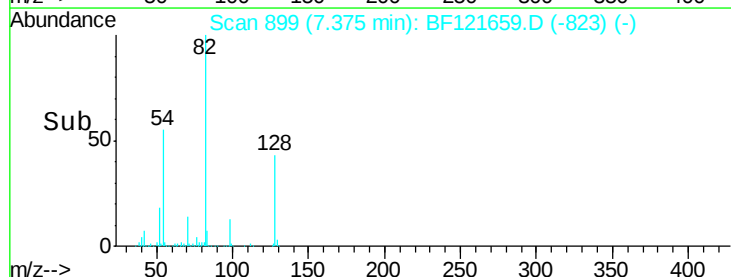
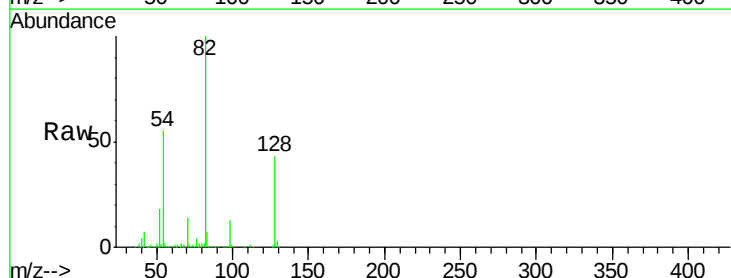
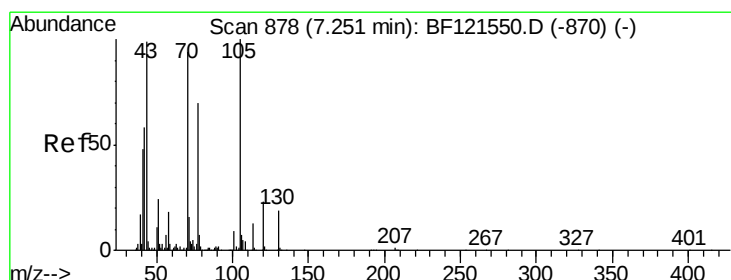
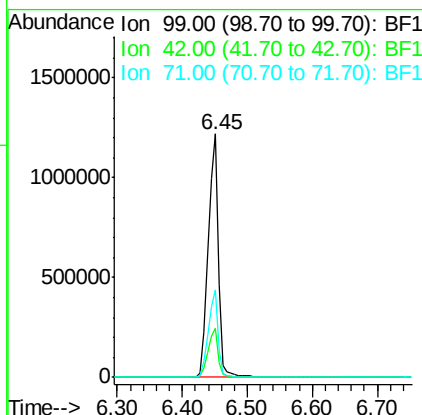
Tot Ion: 99 Resp: 1320103

Ion Ratio Lower Upper

99 100

42 20.1 15.5 23.3

71 35.9 27.4 41.2



#19

n-Nitroso-di-n-propylamine

Concen: 19.741 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF121659.D

Acq: 23 Sep 2020 1:00

Tgt Ion: 70 Resp: 153865

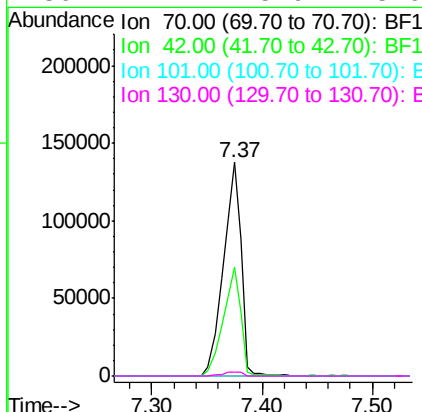
Ion Ratio Lower Upper

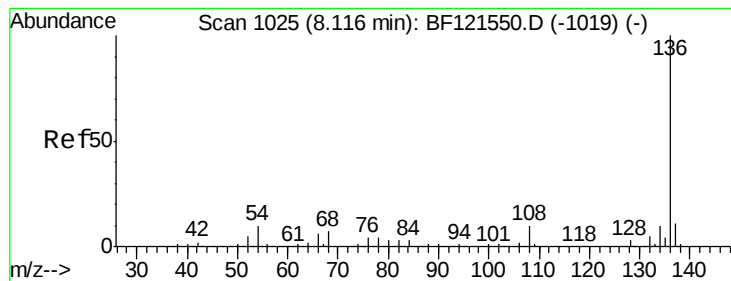
70 100

42 50.8 48.3 72.5

101 0.0 7.6 11.4#

130 1.7 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: BF121659.D

Acq: 23 Sep 2020 1:00

Instrument :

BNA_F

ClientSampleId :

OK-01-092120

Tot Ion:136 Resp: 601332

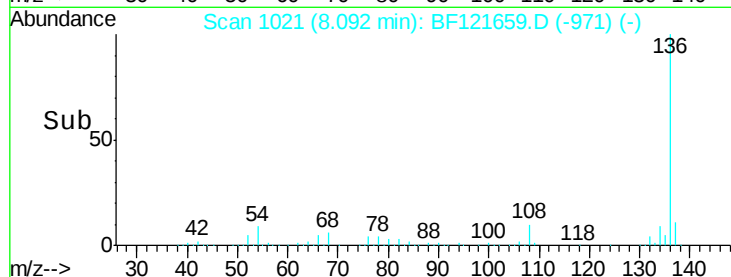
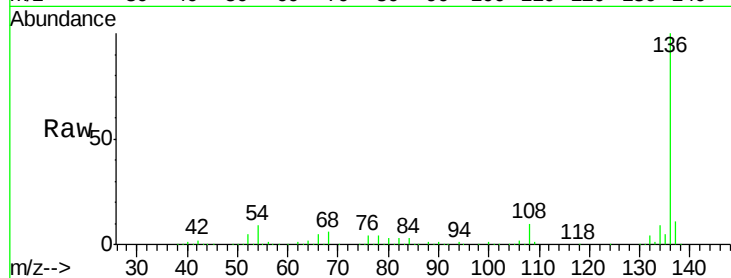
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.7 7.4 11.0

68 6.3 5.3 7.9

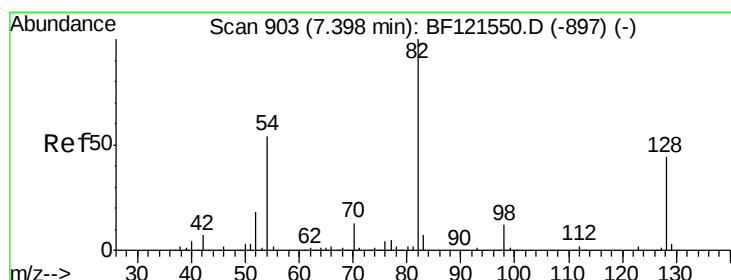
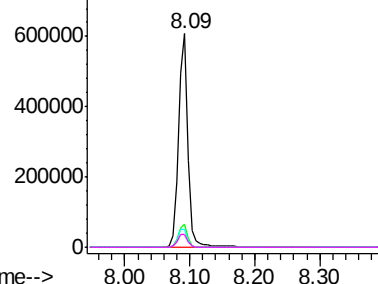


Abundance Ion 136.00 (135.70 to 136.70): E

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: 99.979 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF121659.D

Acq: 23 Sep 2020 1:00

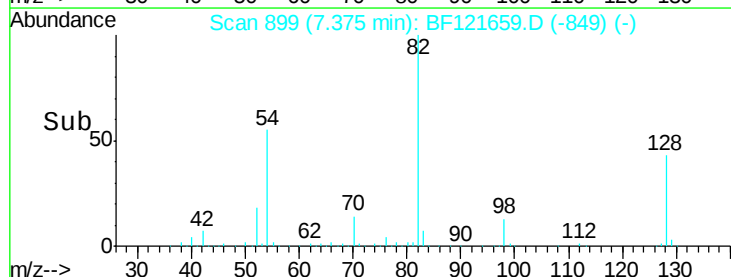
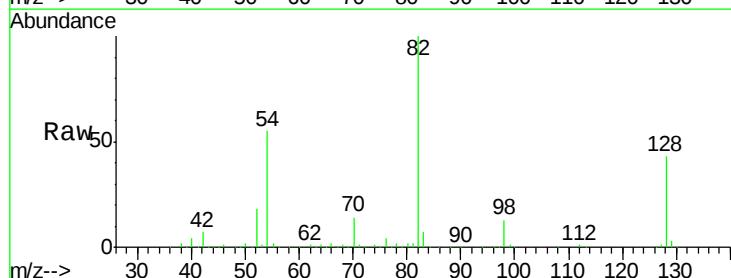
Tgt Ion: 82 Resp: 1119733

Ion Ratio Lower Upper

82 100

128 42.9 33.9 50.9

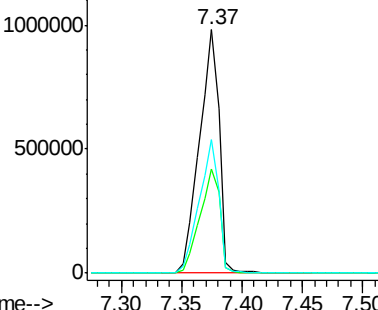
54 54.8 42.9 64.3

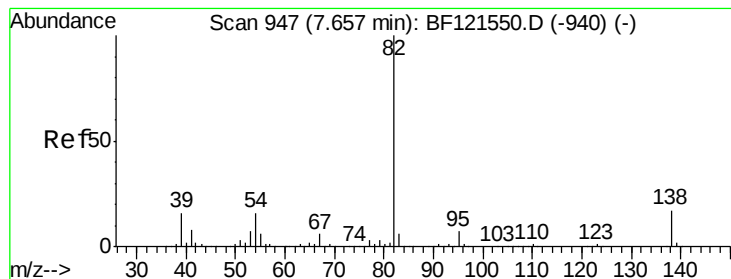


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 49.188 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.26 min

Lab File: BF121659.D

Acq: 23 Sep 2020 1:00

Instrument :

BNA_F

ClientSampleId :

OK-01-092120

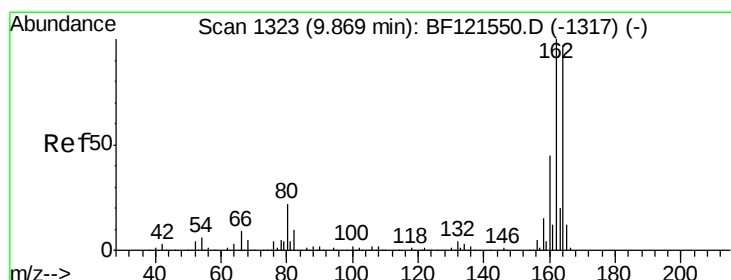
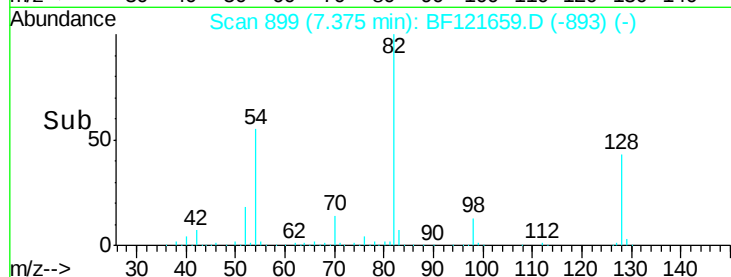
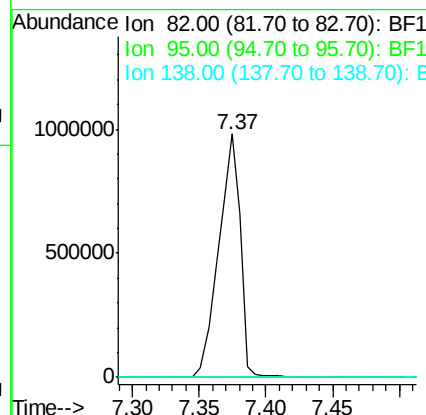
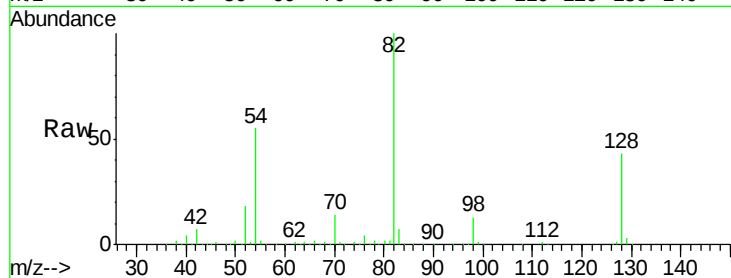
Tot Ion: 82 Resp: 1108958

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: BF121659.D

Acq: 23 Sep 2020 1:00

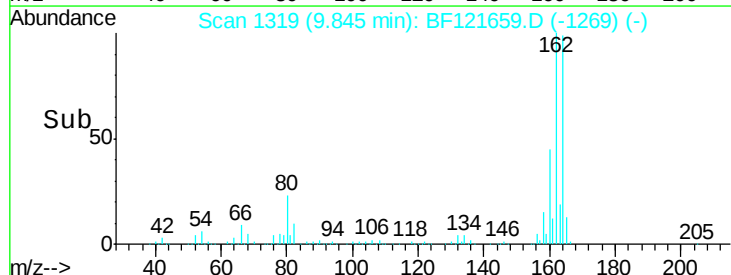
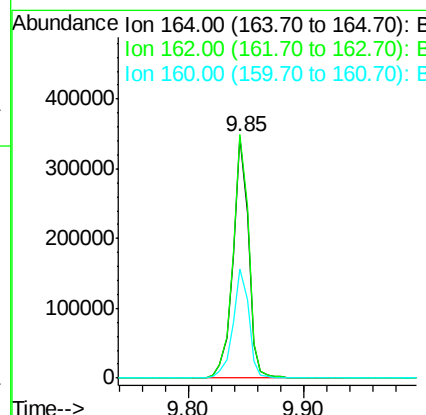
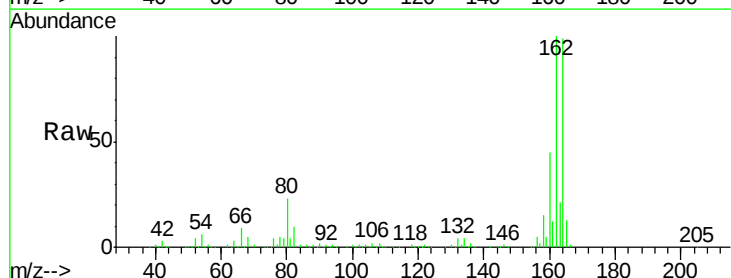
Tgt Ion: 164 Resp: 320952

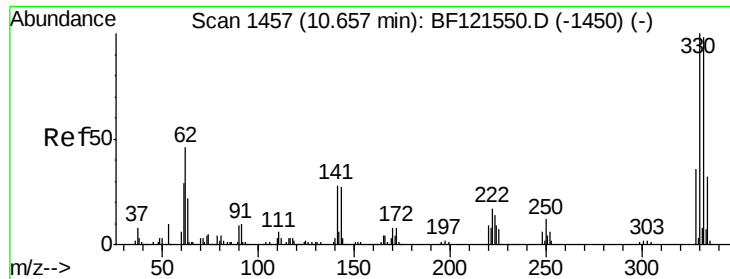
Ion Ratio Lower Upper

164 100

162 100.9 81.2 121.8

160 45.5 36.2 54.4

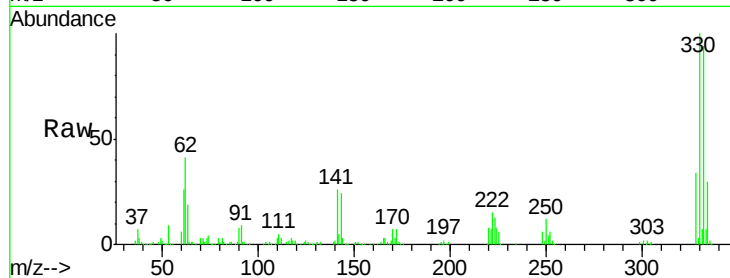




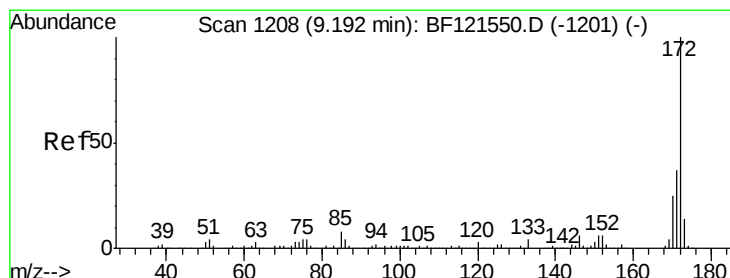
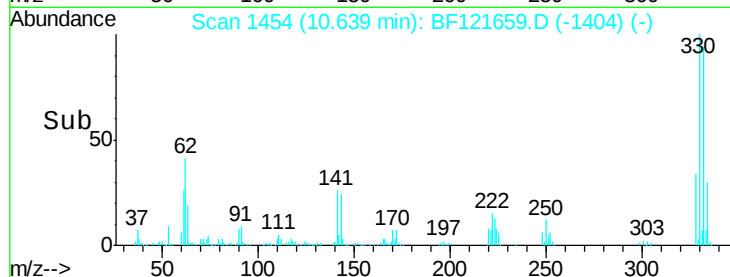
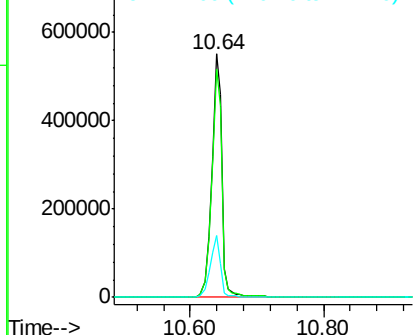
#42
 2,4,6-Tribromophenol
 Concen: 147.144 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. -0.01 min
 Lab File: BF121659.D
 Acq: 23 Sep 2020 1:00

Instrument :
 BNA_F
 ClientSampleId :
 OK-01-092120

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.9	115.3
141	25.9	22.4	33.6

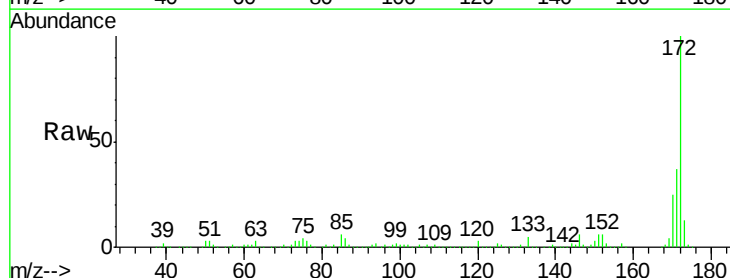


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

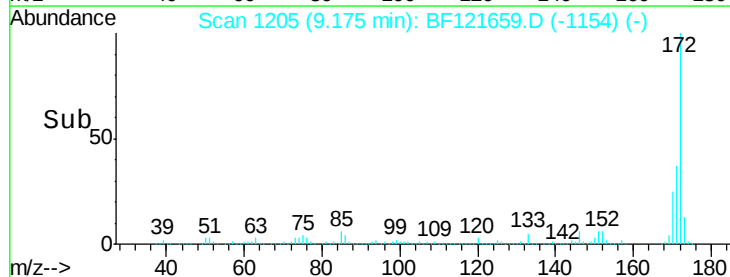
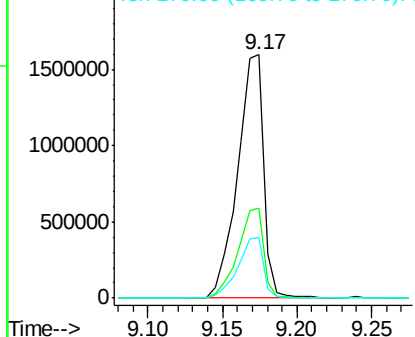


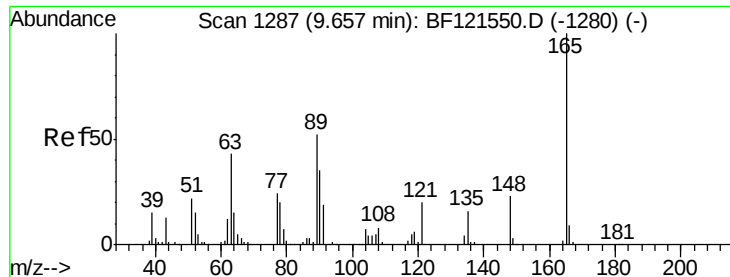
#45
 2-Fluorobiphenyl
 Concen: 92.132 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF121659.D
 Acq: 23 Sep 2020 1:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.3	43.9
170	24.7	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

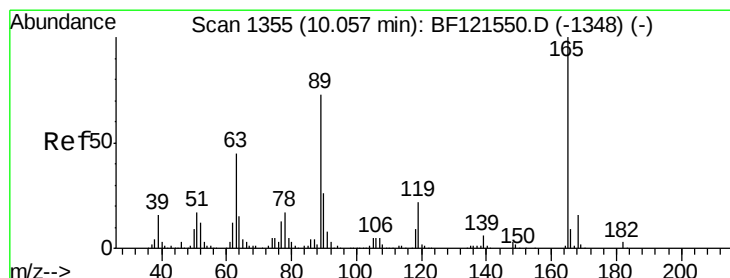
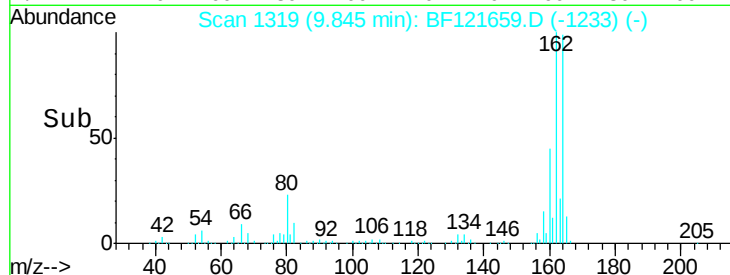
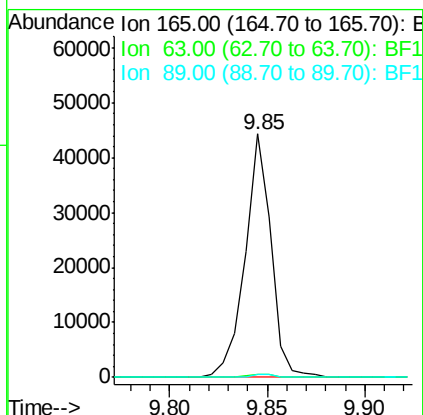
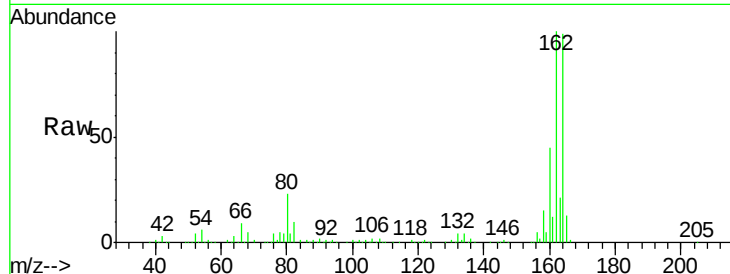




#51
 2,6-Dinitrotoluene
 Concen: 8.249 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF121659.D
 Acq: 23 Sep 2020 1:00

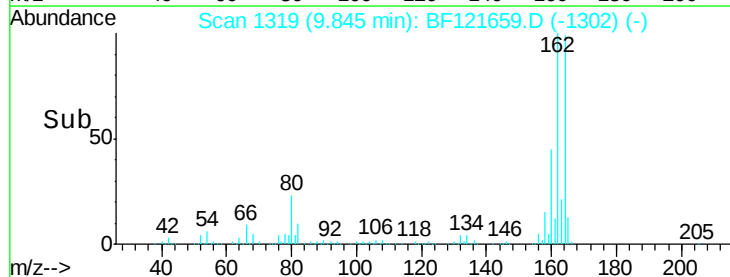
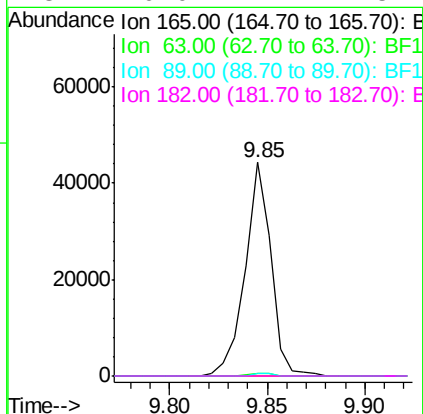
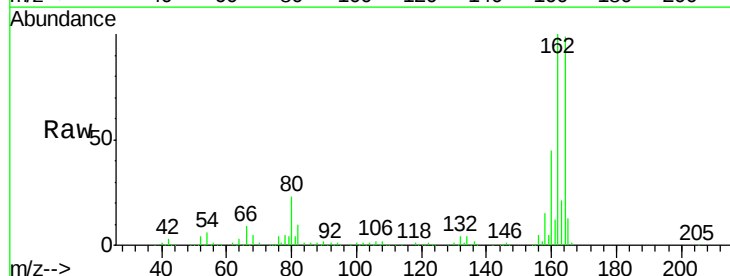
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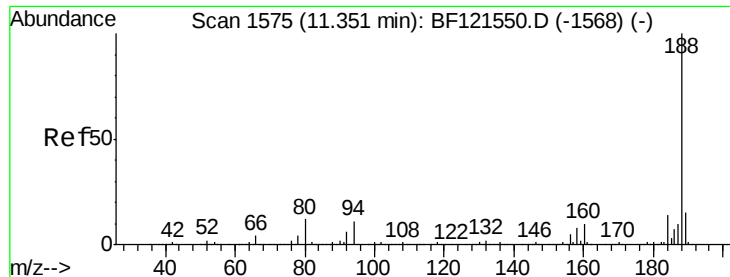
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	47.6	71.4#
89	1.2	46.0	69.0#



#57
 2,4-Dinitrotoluene
 Concen: 6.557 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. -0.20 min
 Lab File: BF121659.D
 Acq: 23 Sep 2020 1:00

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.2	57.7	86.5#
182	0.0	2.1	3.1#

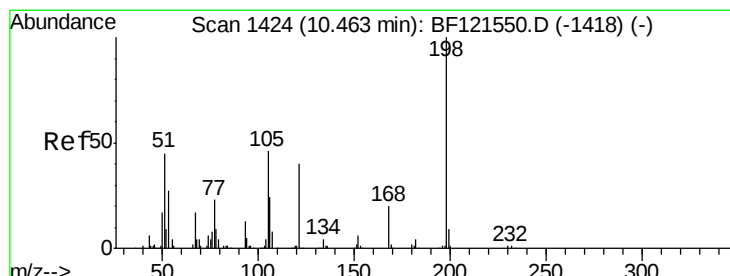
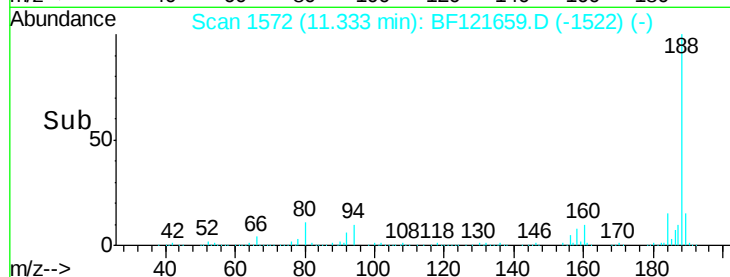
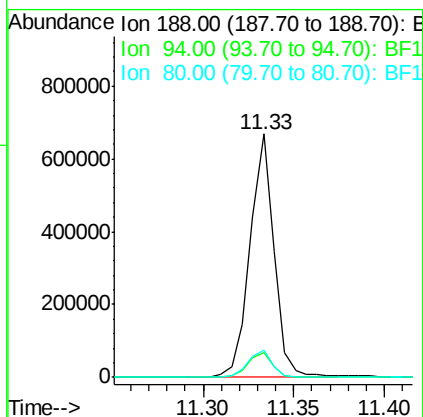
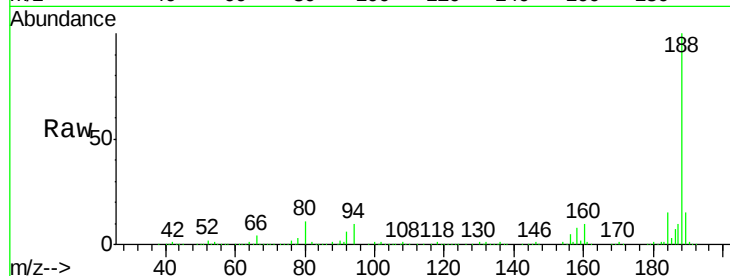




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF121659.D
 Acq: 23 Sep 2020 1:00

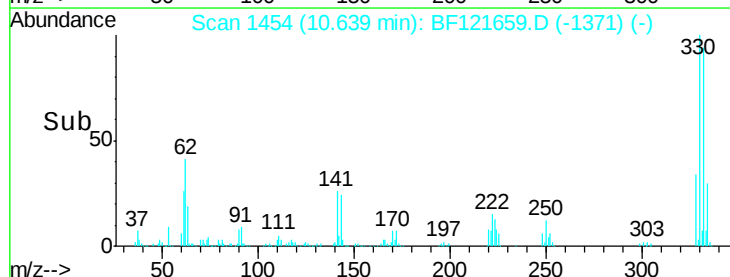
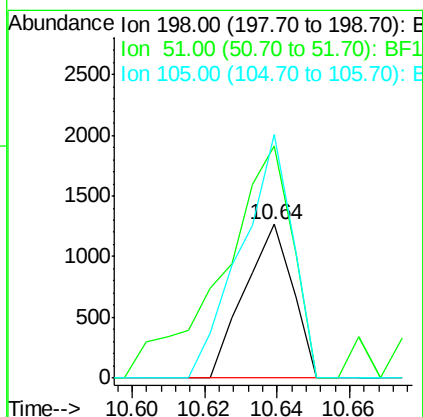
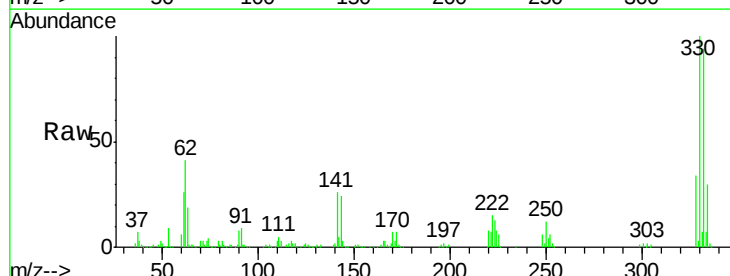
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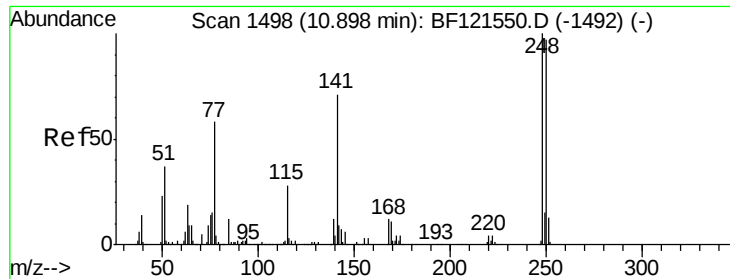
Tot Ion:188 Resp: 616638
 Ion Ratio Lower Upper
 188 100
 94 10.3 8.4 12.6
 80 11.3 9.0 13.4



#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.115 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.19 min
 Lab File: BF121659.D
 Acq: 23 Sep 2020 1:00

Tgt Ion:198 Resp: 1161
 Ion Ratio Lower Upper
 198 100
 51 151.1 20.3 60.3#
 105 158.6 20.2 60.2#

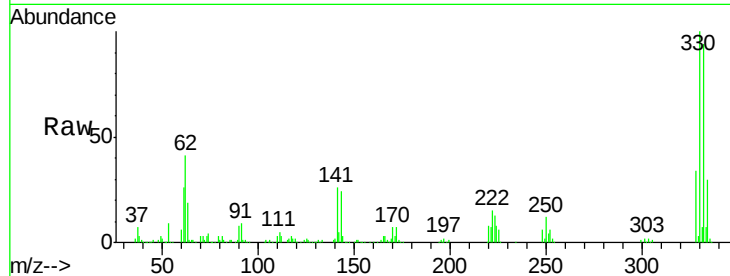




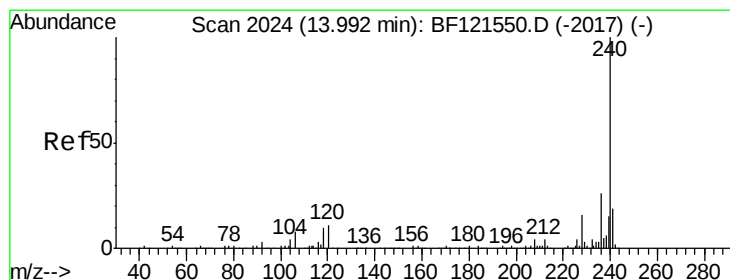
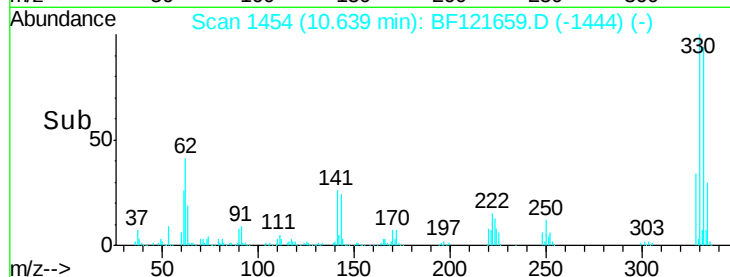
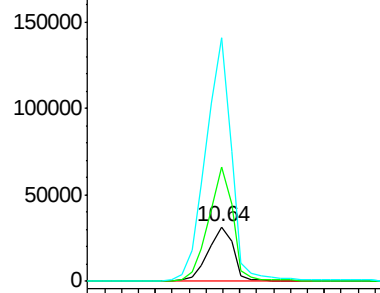
#67
4-Bromophenyl-phenylether
Concen: 4.766 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.24 min
Lab File: BF121659.D
Acq: 23 Sep 2020 1:00

Instrument :
BNA_F
ClientSampleId :
OK-01-092120

Tot Ion:248 Resp: 33464
Ion Ratio Lower Upper
248 100
250 211.8 79.4 119.0#
141 449.5 52.2 78.4#

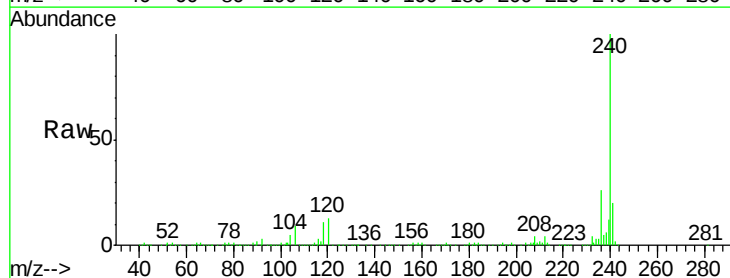


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

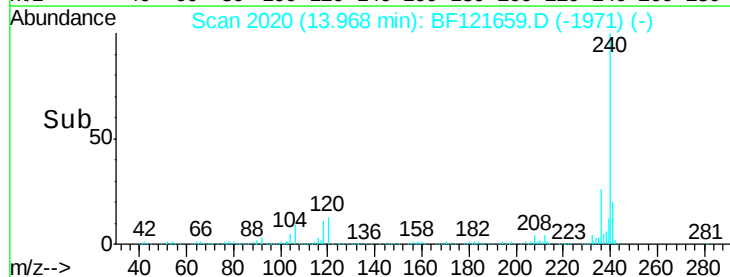
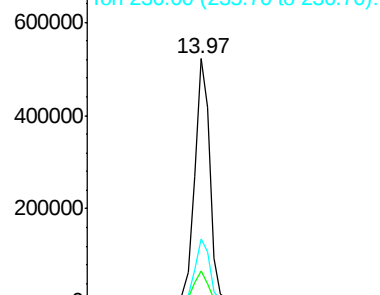


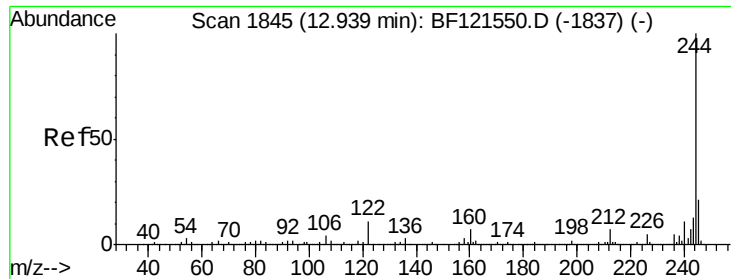
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF121659.D
Acq: 23 Sep 2020 1:00

Tgt Ion:240 Resp: 496791
Ion Ratio Lower Upper
240 100
120 12.6 9.2 13.8
236 25.7 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: 89.769 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF121659.D

Acq: 23 Sep 2020 1:00

Instrument :

BNA_F

ClientSampleId :

OK-01-092120

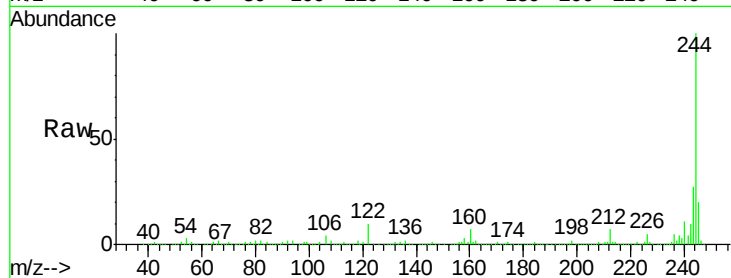
Tot Ion:244 Resp: 2201310

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

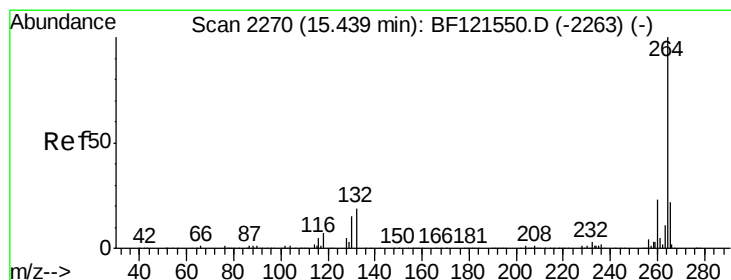
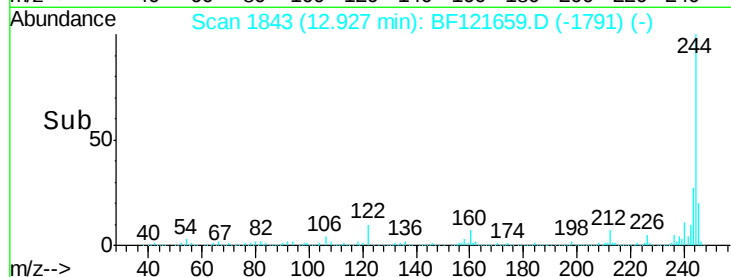
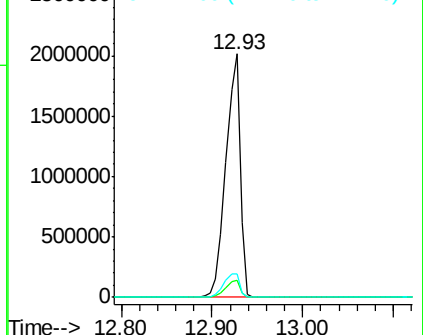
122 9.8 7.4 11.0



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: BF121659.D

Acq: 23 Sep 2020 1:00

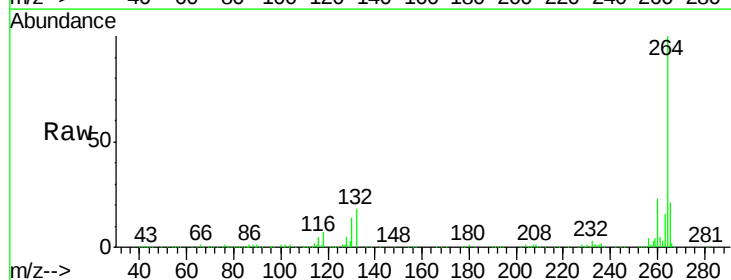
Tgt Ion:264 Resp: 361443

Ion Ratio Lower Upper

264 100

260 23.3 18.8 28.2

265 21.4 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

