

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
 Data File : BF121593.D
 Acq On : 16 Sep 2020 13:01
 Operator : JU/CG
 Sample : L3998-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-B

Quant Time: Sep 16 13:25:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 16:47:54 2020
 Response via : Initial Calibration

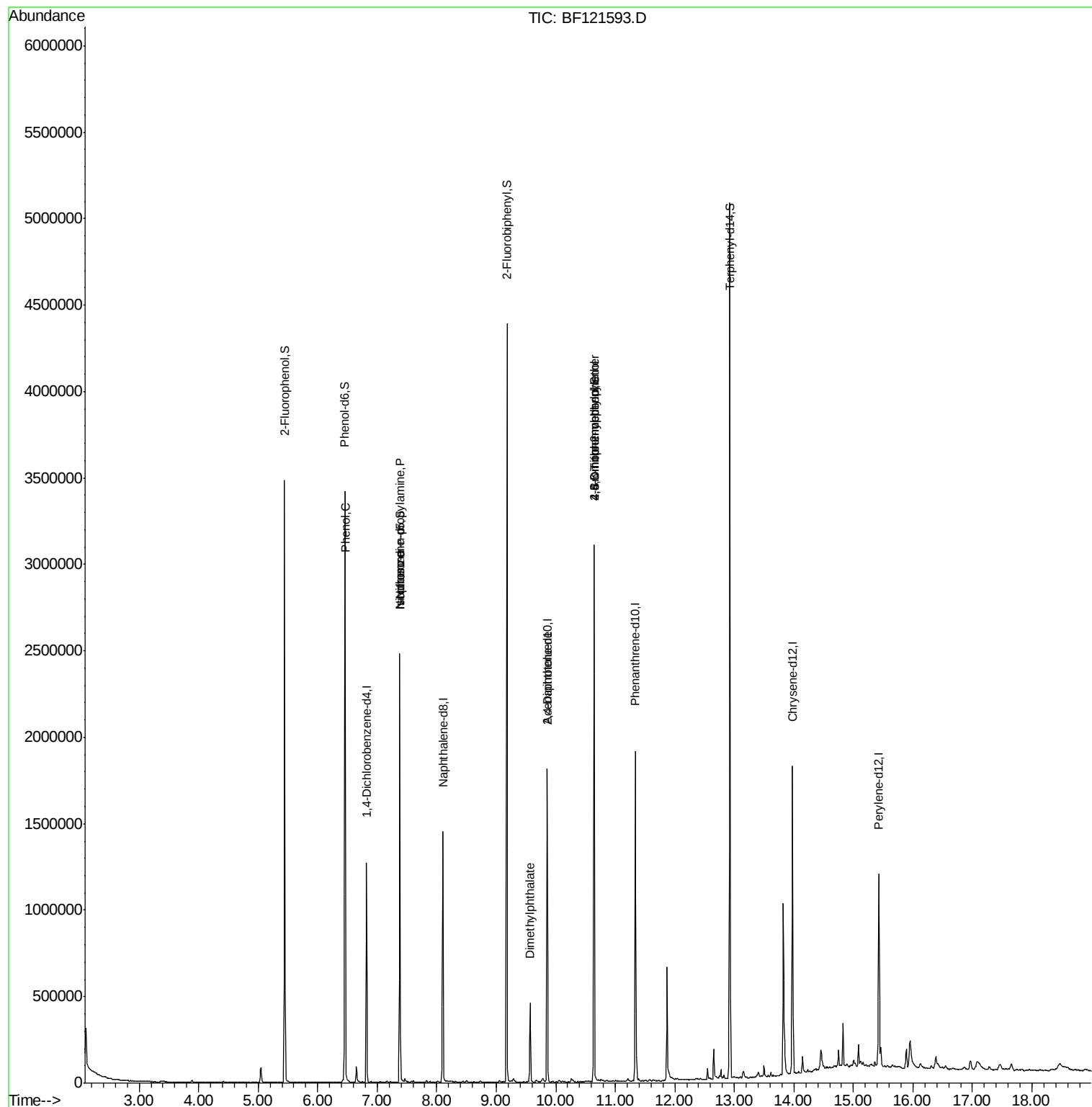
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	165269	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	654118	20.00	ng	-0.01
39) Acenaphthene-d10	9.86	164	350921	20.00	ng	-0.01
64) Phenanthrene-d10	11.34	188	683022	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	613778	20.00	ng	-0.02
86) Perylene-d12	15.43	264	494985	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	978078	87.95	ng	0.00
7) Phenol-d6	6.46	99	1263829	86.62	ng	0.00
23) Nitrobenzene-d5	7.38	82	859142	70.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	427929	98.12	ng	-0.01
45) 2-Fluorobiphenyl	9.18	172	1485809	64.13	ng	-0.01
79) Terphenyl-d14	12.93	244	1751448	57.81	ng	-0.01
Target Compounds						
10) Phenol	6.47	94	70691	4.550	ng	99
19) n-Nitroso-di-n-propylamine	7.38	70	115449	13.730	ng	# 80
25) Isophorone	7.38	82	853621	34.807	ng	# 66
50) Dimethylphthalate	9.57	163	175484	6.900	ng	99
57) 2,4-Dinitrotoluene	9.86	165	45820	6.724	ng	# 24
65) 4,6-Dinitro-2-methylphenol	10.65	198	893	7.035	ng	# 1
67) 4-Bromophenyl-phenylether	10.65	248	25391	3.265	ng	# 1

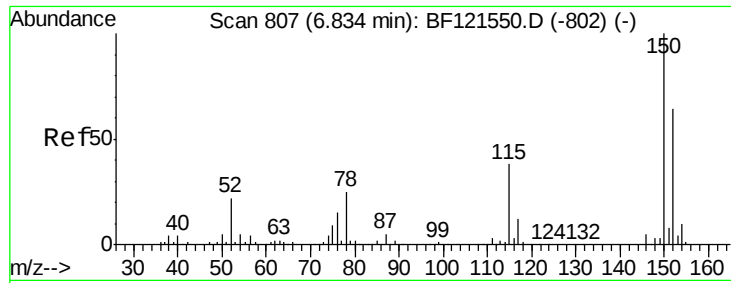
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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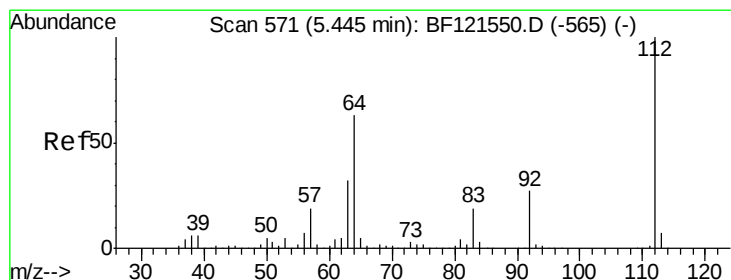
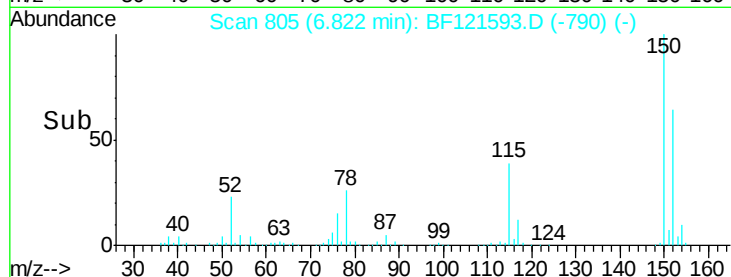
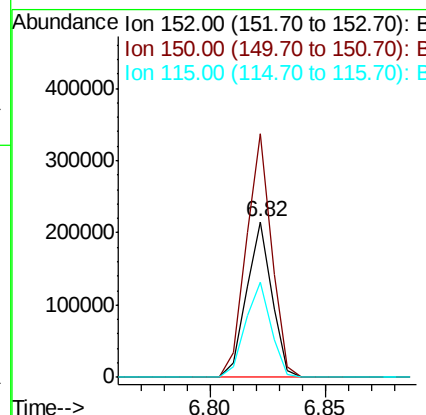
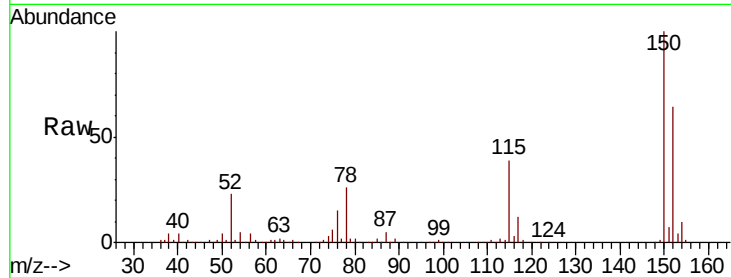




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF121593.D
 Acq: 16 Sep 2020 13:01

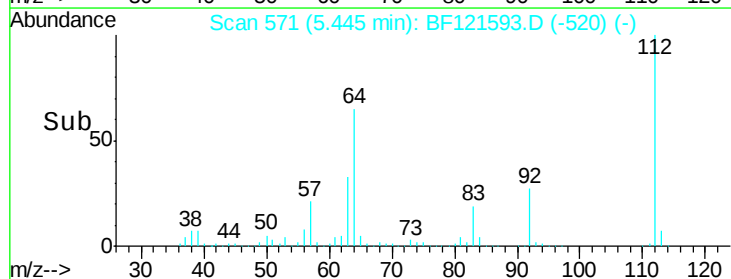
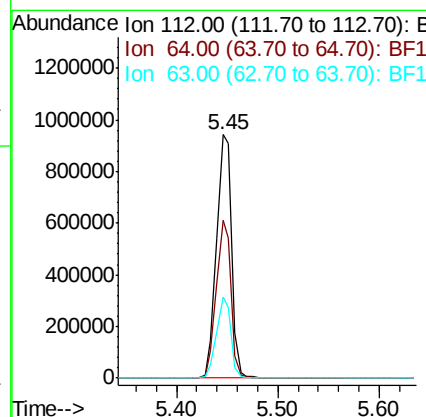
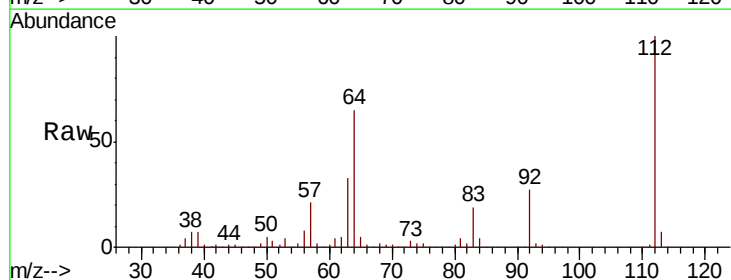
Instrument :
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 ClientSampleId :
 FK-EF-01-TEST1-ABCD-B

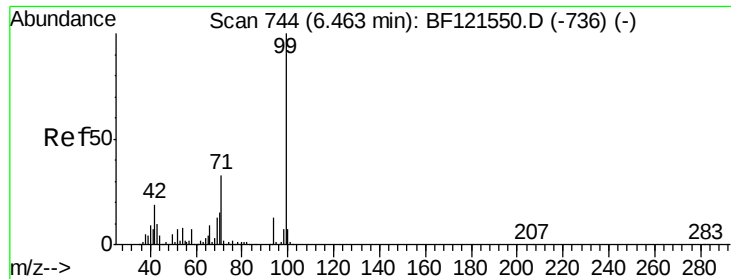
Tot Ion:152 Resp: 165269
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.8 188.6
 115 61.5 47.8 71.8



#5
 2-Fluorophenol
 Concen: 87.950 ng
 RT: 5.45 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF121593.D
 Acq: 16 Sep 2020 13:01

Tgt Ion:112 Resp: 978078
 Ion Ratio Lower Upper
 112 100
 64 65.1 50.3 75.5
 63 33.3 25.6 38.4





#7

Phenol-d6

Concen: 86.624 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF121593.D

Acq: 16 Sep 2020 13:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-B

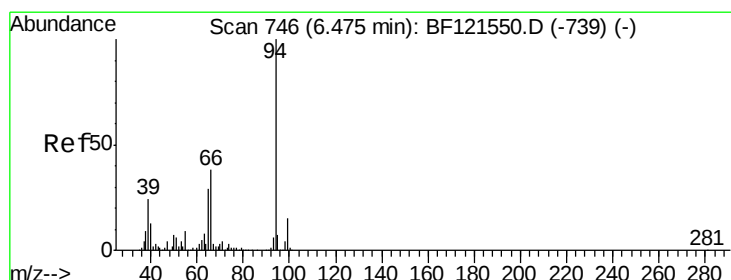
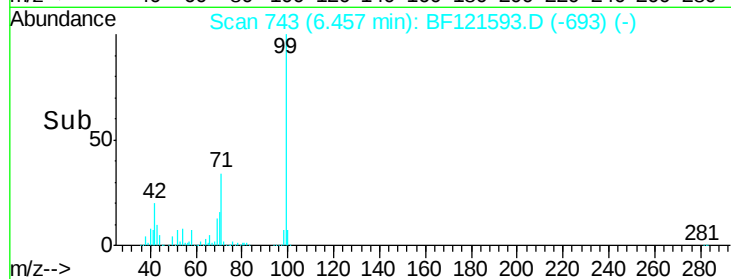
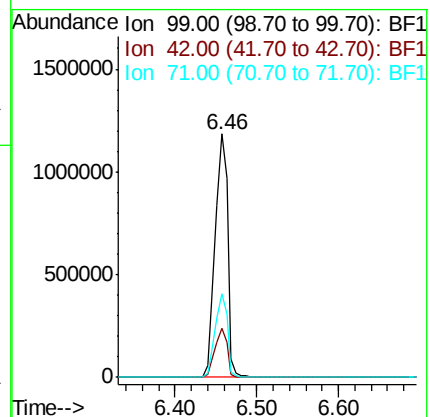
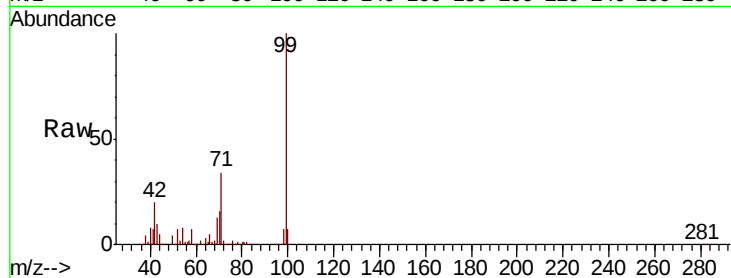
Tot Ion: 99 Resp: 1263829

Ion Ratio Lower Upper

99 100

42 20.3 15.5 23.3

71 34.2 26.1 39.1



#10

Phenol

Concen: 4.550 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF121593.D

Acq: 16 Sep 2020 13:01

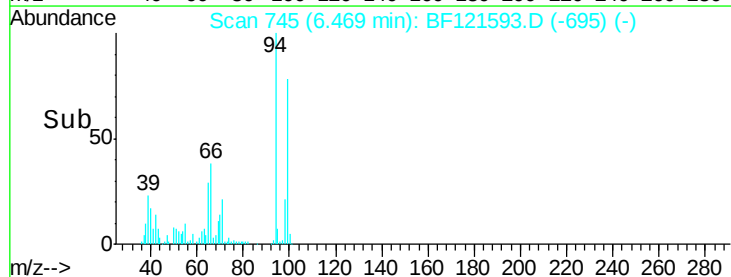
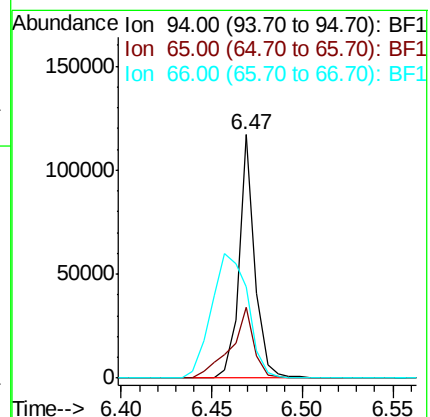
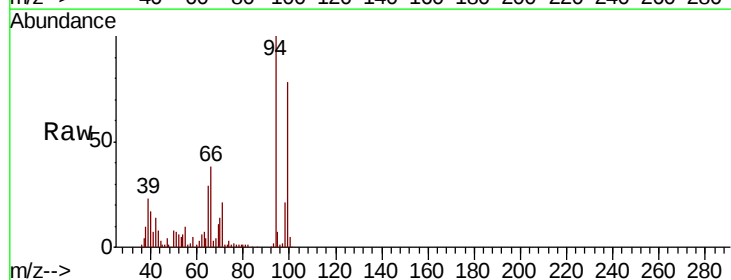
Tgt Ion: 94 Resp: 70691

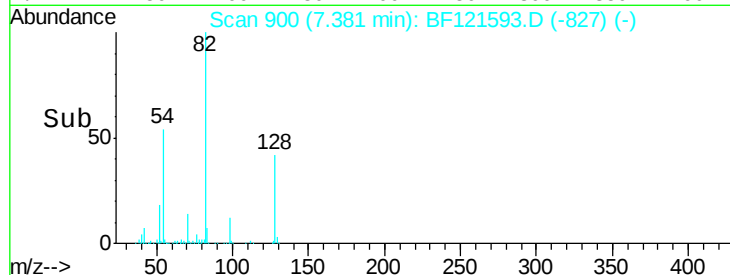
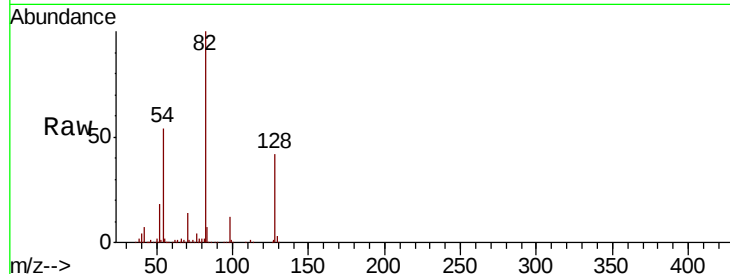
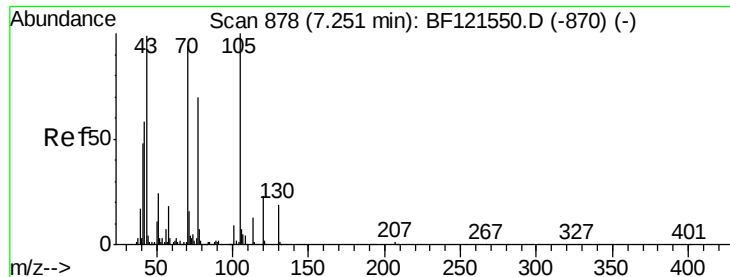
Ion Ratio Lower Upper

94 100

65 28.9 9.4 49.4

66 37.7 18.3 58.3

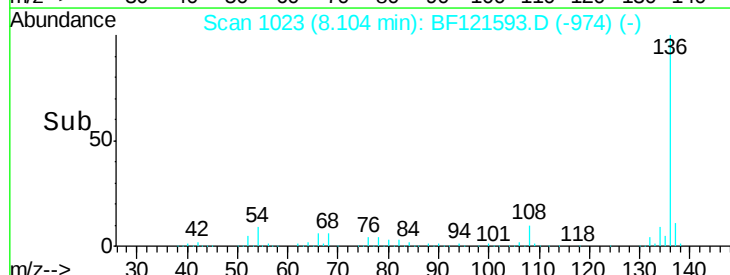
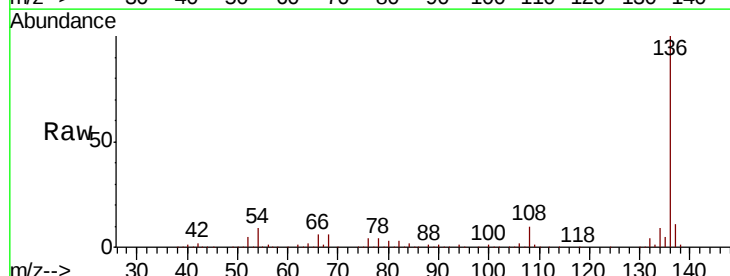
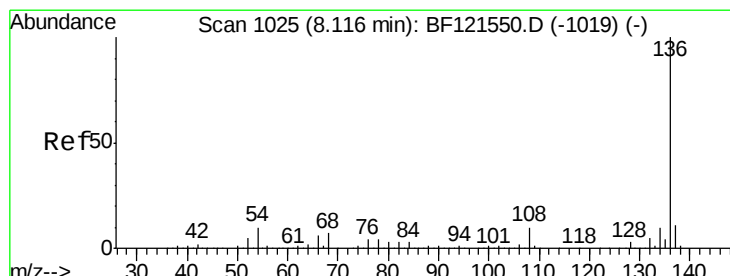
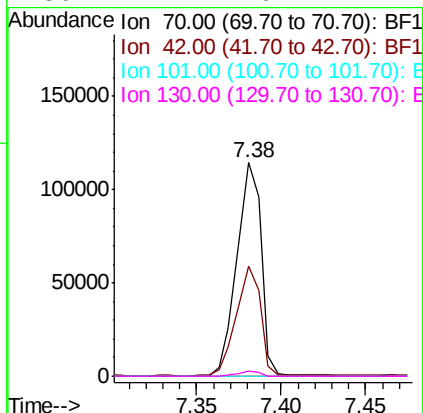




#19
n-Nitroso-di-n-propylamine
Concen: 13.730 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.13 min
Lab File: BF121593.D
Acq: 16 Sep 2020 13:01

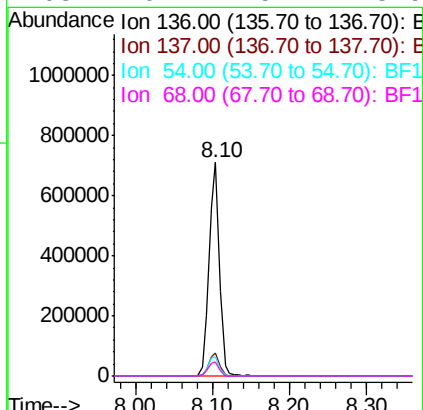
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-B

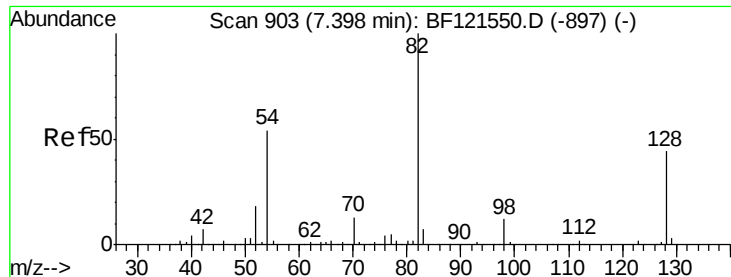
Tot Ion: 70 Resp: 115449
Ion Ratio Lower Upper
70 100
42 51.8 49.4 74.2
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF121593.D
Acq: 16 Sep 2020 13:01

Tgt Ion: 136 Resp: 654118
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 8.8 7.6 11.4
68 6.4 5.7 8.5

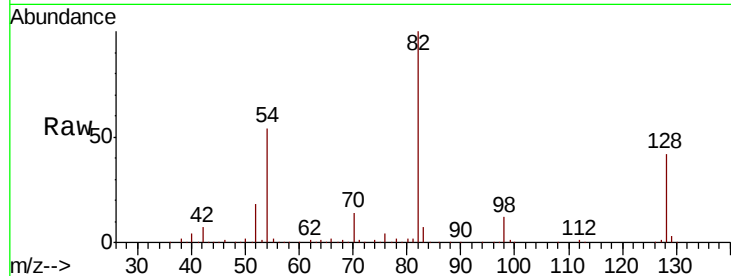




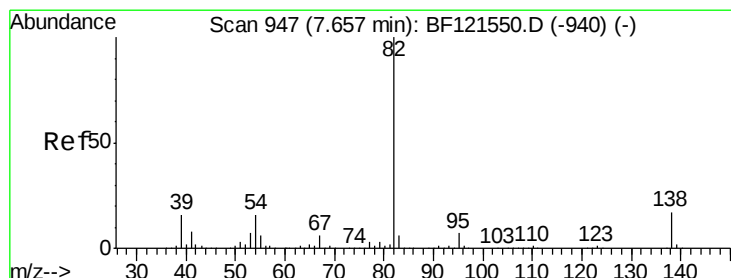
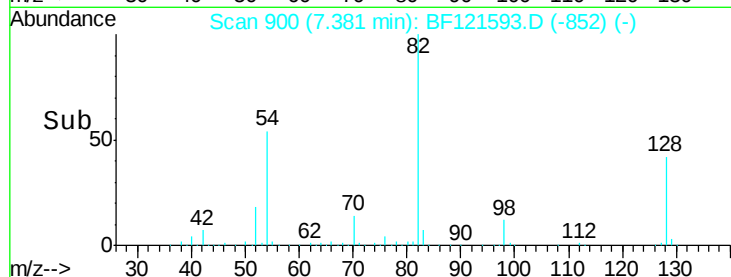
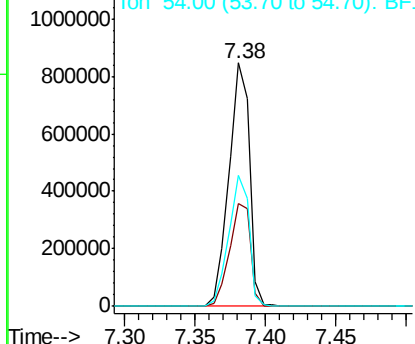
#23
 Nitrobenzene-d5
 Concen: 70.521 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.02 min
 Lab File: BF121593.D
 Acq: 16 Sep 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-B

Tot Ion: 82 Resp: 859142
 Ion Ratio Lower Upper
 82 100
 128 42.0 35.1 52.7
 54 53.8 43.0 64.6

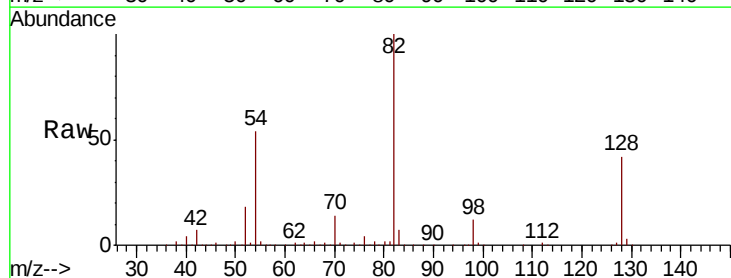


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

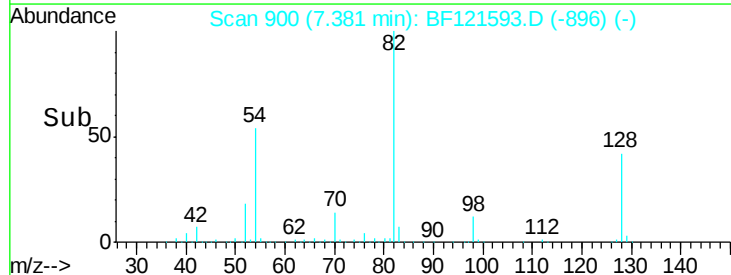
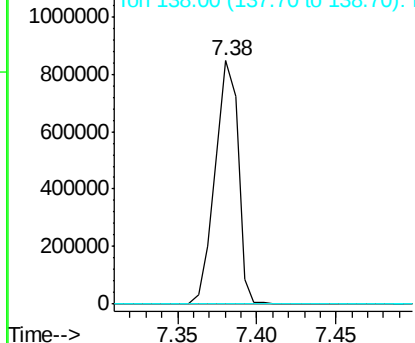


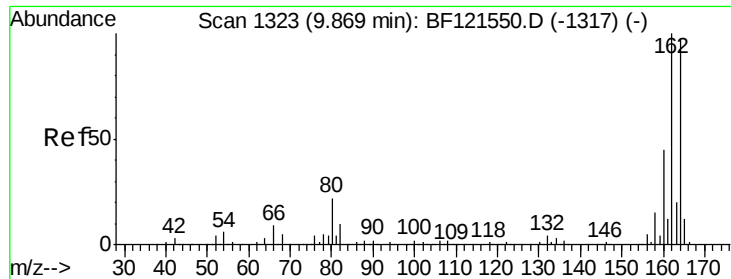
#25
 Isophorone
 Concen: 34.807 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.28 min
 Lab File: BF121593.D
 Acq: 16 Sep 2020 13:01

Tgt Ion: 82 Resp: 853621
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.3 7.9#
 138 0.0 13.7 20.5#



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: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF121593.D

Acq: 16 Sep 2020 13:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-B

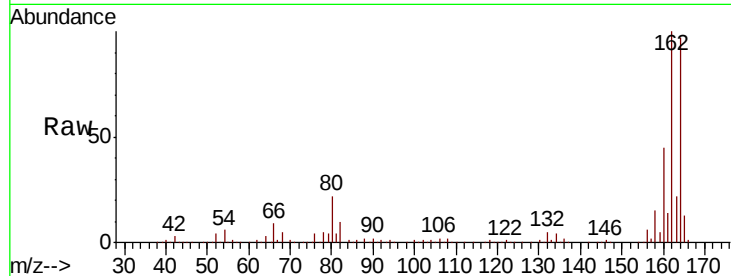
Tot Ion:164 Resp: 350921

Ion Ratio Lower Upper

164 100

162 102.6 82.3 123.5

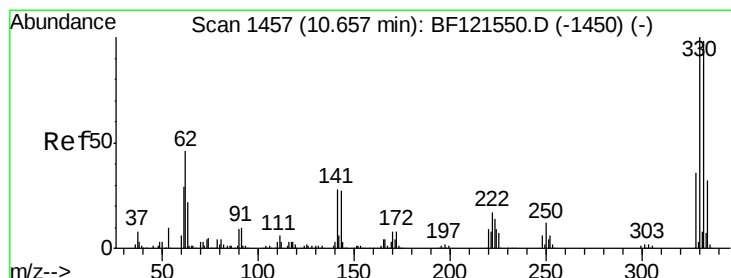
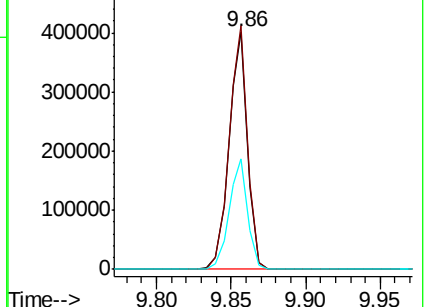
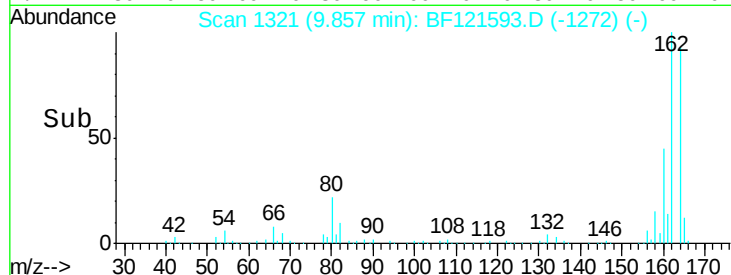
160 46.4 37.0 55.4



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: 98.116 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BF121593.D

Acq: 16 Sep 2020 13:01

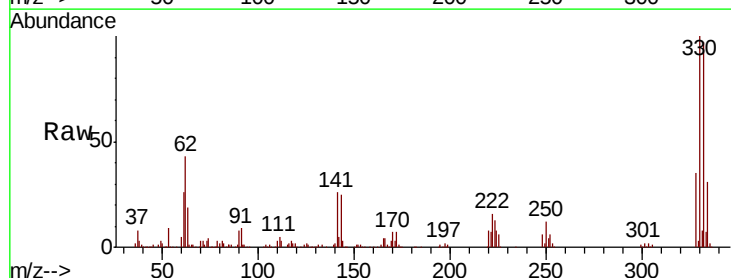
Tgt Ion:330 Resp: 427929

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

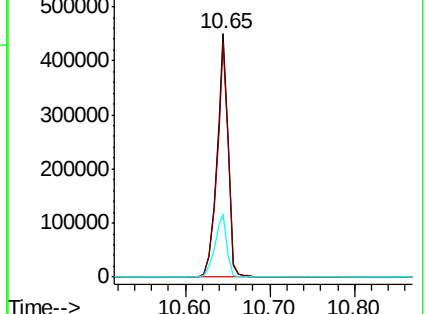
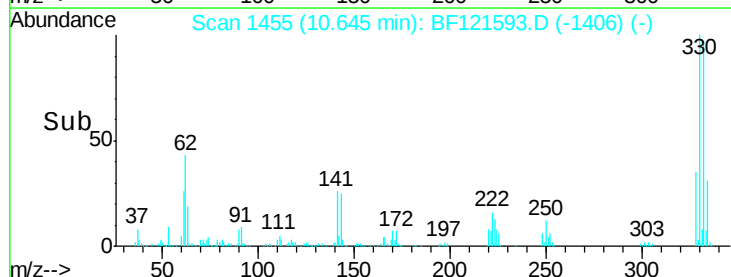
141 28.1 23.6 35.4

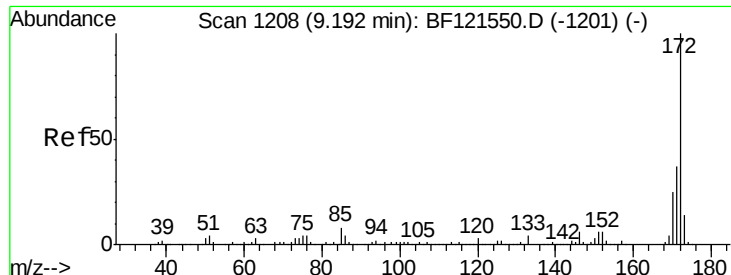


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

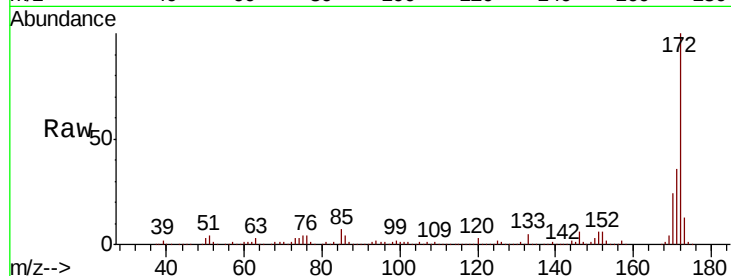




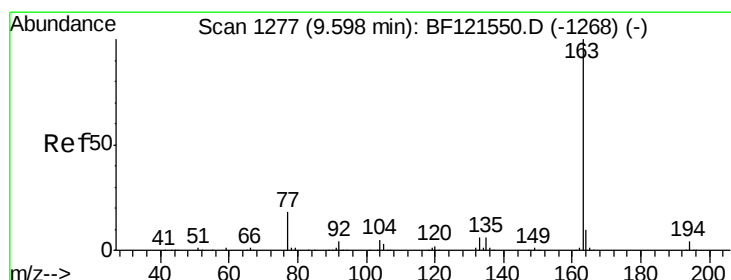
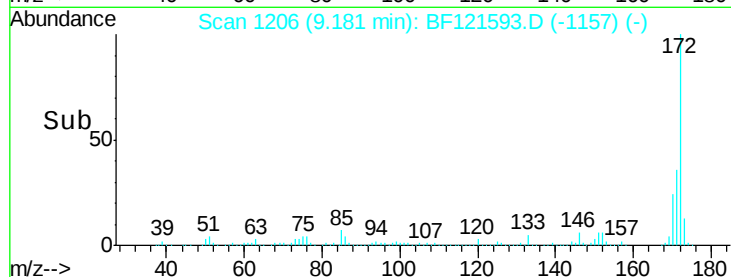
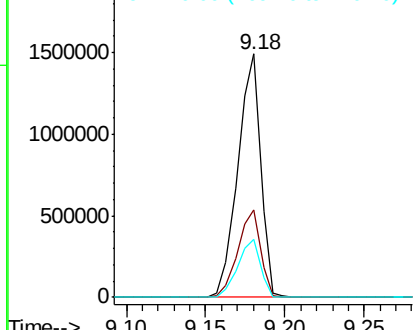
#45
2-Fluorobiphenyl
Concen: 64.126 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF121593.D
Acq: 16 Sep 2020 13:01

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-B

Tot Ion:172 Resp: 1485809
Ion Ratio Lower Upper
172 100
171 36.0 29.8 44.6
170 24.0 19.8 29.8

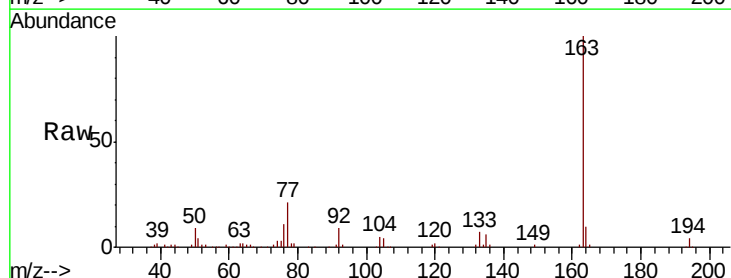


Abundance Ion 172.00 (171.70 to 172.70): E
2000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

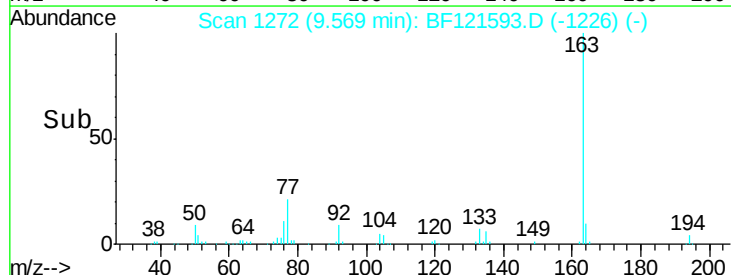
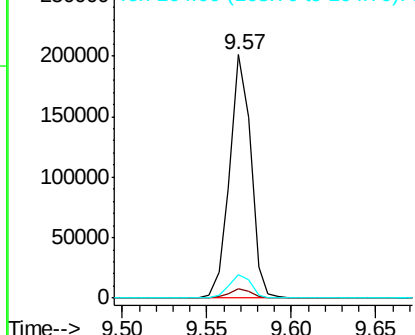


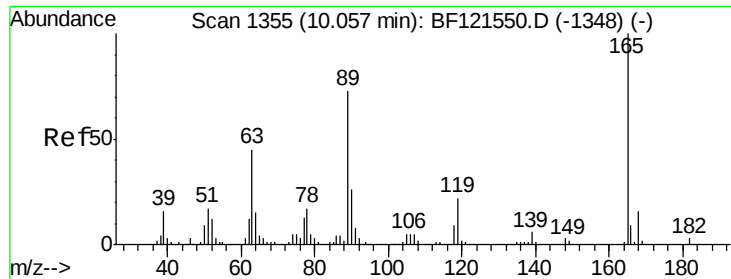
#50
Dimethylphthalate
Concen: 6.900 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.03 min
Lab File: BF121593.D
Acq: 16 Sep 2020 13:01

Tgt Ion:163 Resp: 175484
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.0
164 9.8 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
250000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

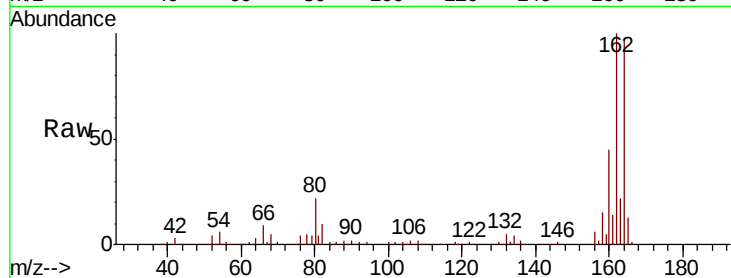




#57
 2,4-Dinitrotoluene
 Concen: 6.724 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.20 min
 Lab File: BF121593.D
 Acq: 16 Sep 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-B

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.2	54.4#
89	1.5	58.2	87.4#
182	0.0	2.2	3.2#

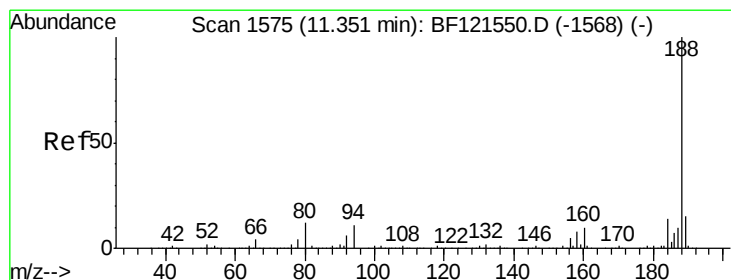
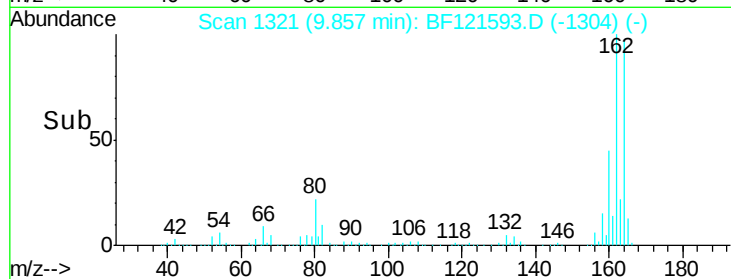
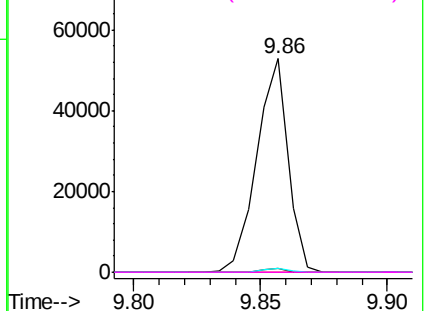


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

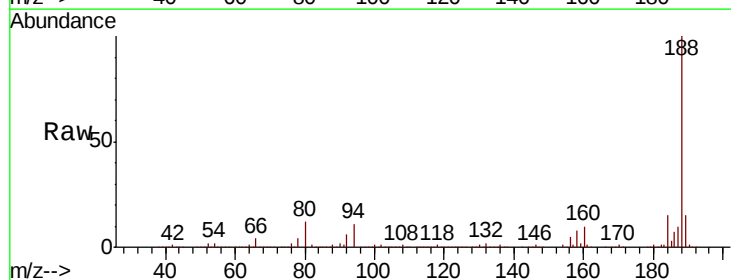
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF121593.D
 Acq: 16 Sep 2020 13:01

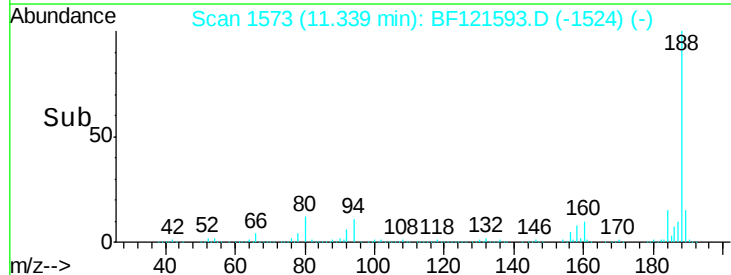
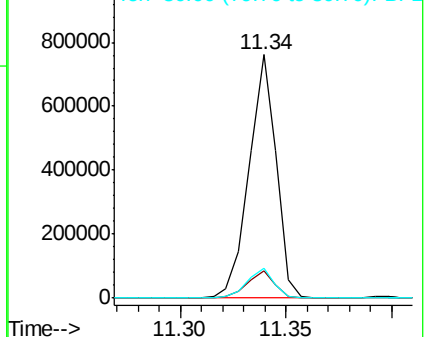
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.7	13.1
80	12.1	9.3	13.9

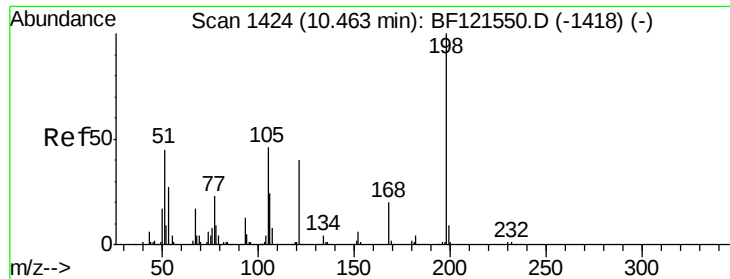


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

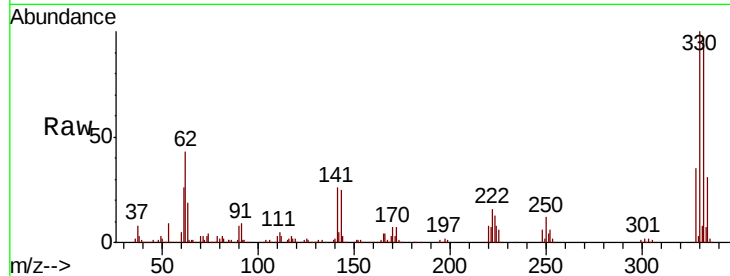




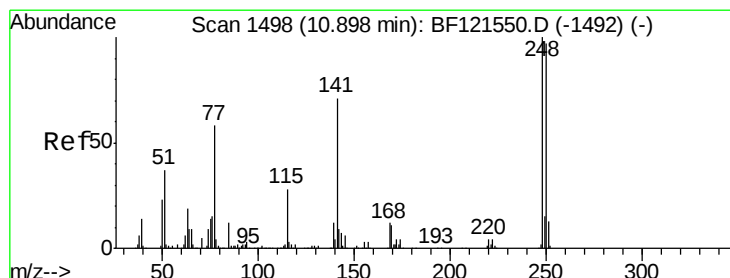
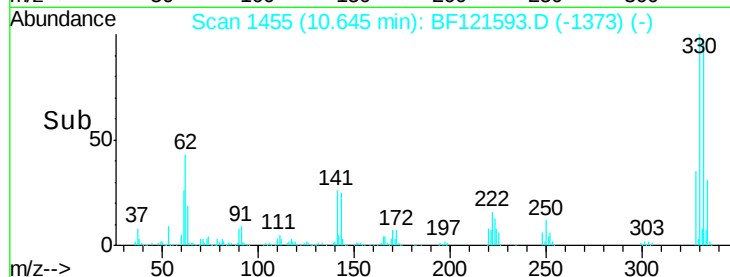
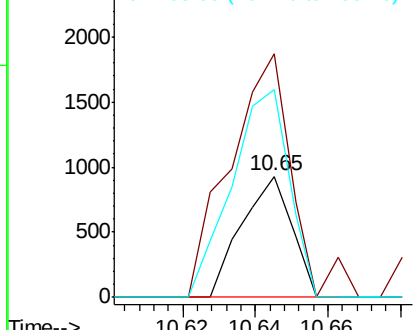
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.035 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.18 min
 Lab File: BF121593.D
 Acq: 16 Sep 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-B

Tot Ion:198 Resp: 893
 Ion Ratio Lower Upper
 198 100
 51 201.5 31.1 71.1#
 105 171.4 26.6 66.6#

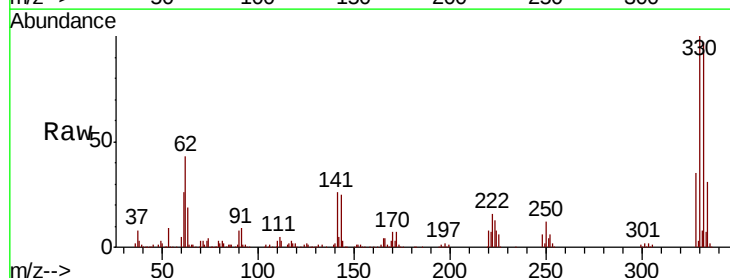


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

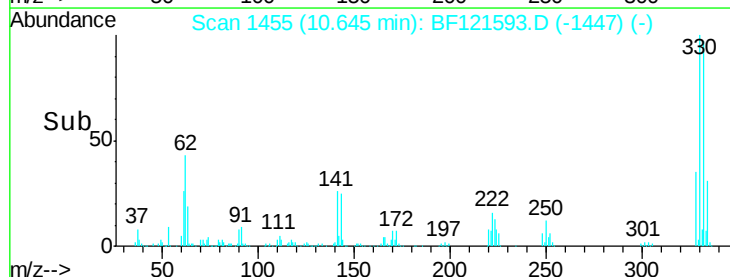
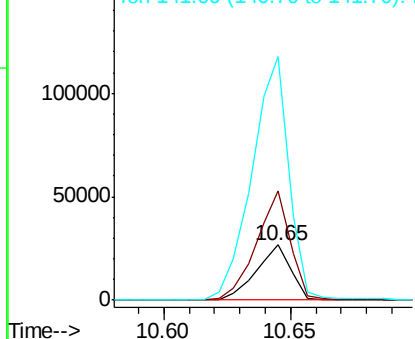


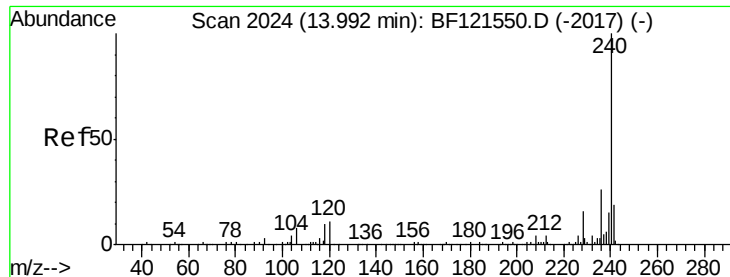
#67
 4-Bromophenyl-phenylether
 Concen: 3.265 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.25 min
 Lab File: BF121593.D
 Acq: 16 Sep 2020 13:01

Tgt Ion:248 Resp: 25391
 Ion Ratio Lower Upper
 248 100
 250 197.2 77.4 116.0#
 141 440.2 56.7 85.1#



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. -0.02 min

Lab File: BF121593.D

Acq: 16 Sep 2020 13:01

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-B

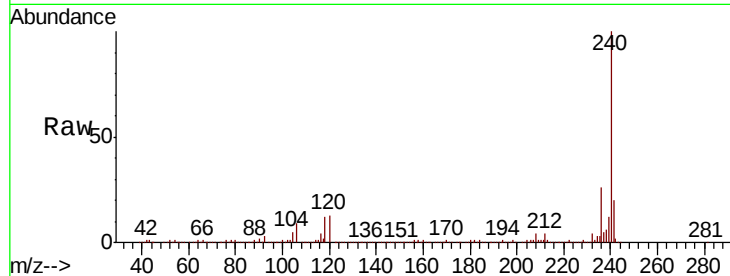
Tot Ion:240 Resp: 613778

Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

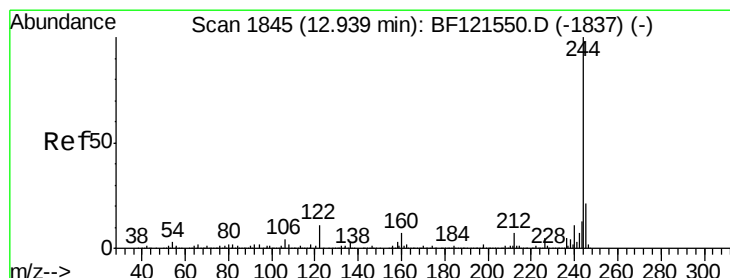
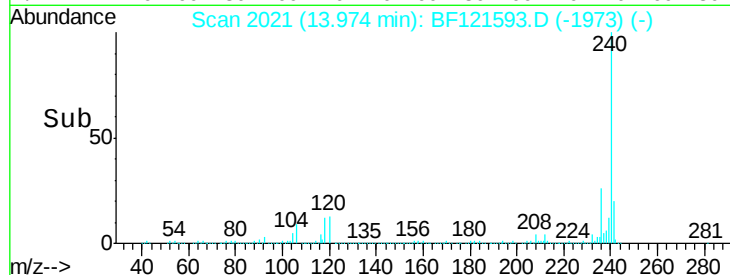
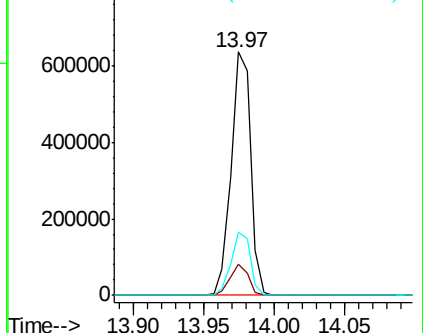
236 26.0 20.5 30.7



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: 57.810 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BF121593.D

Acq: 16 Sep 2020 13:01

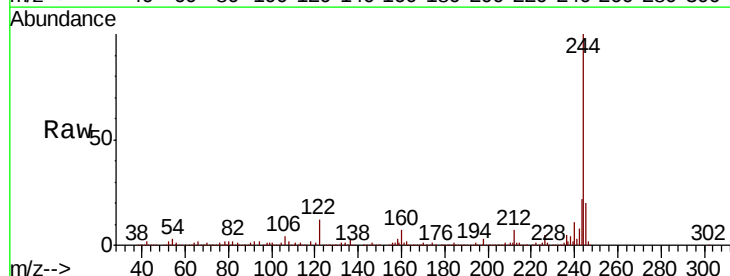
Tgt Ion:244 Resp: 1751448

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

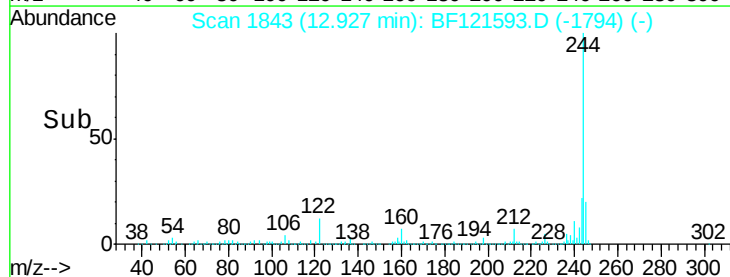
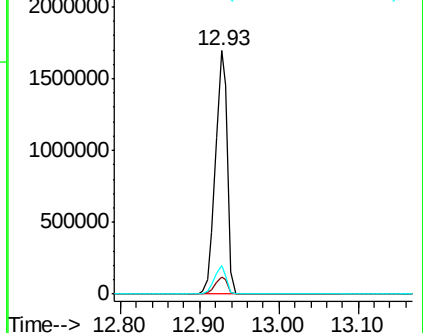
122 11.6 8.7 13.1

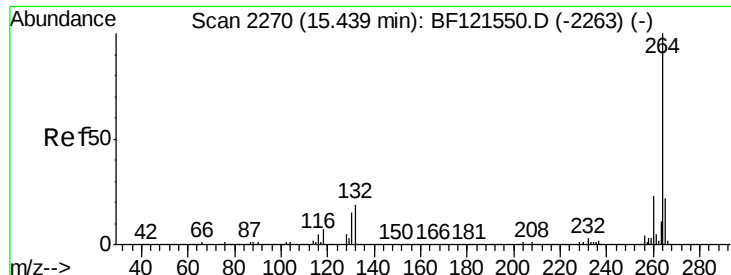


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

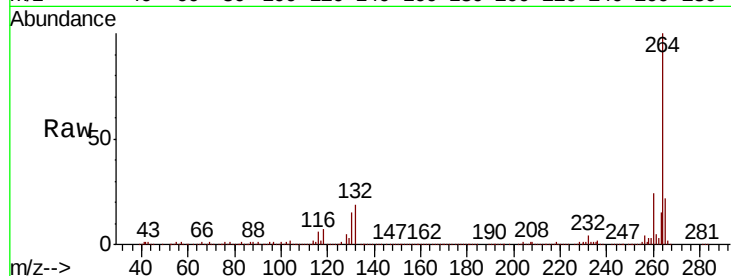




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF121593.D
 Acq: 16 Sep 2020 13:01

Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.6	17.8	26.6



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

