

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
 Data File : BF121576.D
 Acq On : 15 Sep 2020 14:27
 Operator : JU/CG
 Sample : L3998-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 15 15:27:14 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	6.83	152	204266	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	804253	20.00	ng	0.00
39) Acenaphthene-d10	9.87	164	431853	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	810315	20.00	ng	0.00
76) Chrysene-d12	13.99	240	682462	20.00	ng	0.00
86) Perylene-d12	15.44	264	516431	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	1162126	84.55	ng	0.02
7) Phenol-d6	6.47	99	1523159	84.47	ng	0.00
23) Nitrobenzene-d5	7.39	82	1053073	70.30	ng	0.00
42) 2,4,6-Tribromophenol	10.66	330	497385	92.67	ng	0.00
45) 2-Fluorobiphenyl	9.19	172	1782320	62.51	ng	0.00
79) Terphenyl-d14	12.94	244	1992266	59.14	ng	0.00

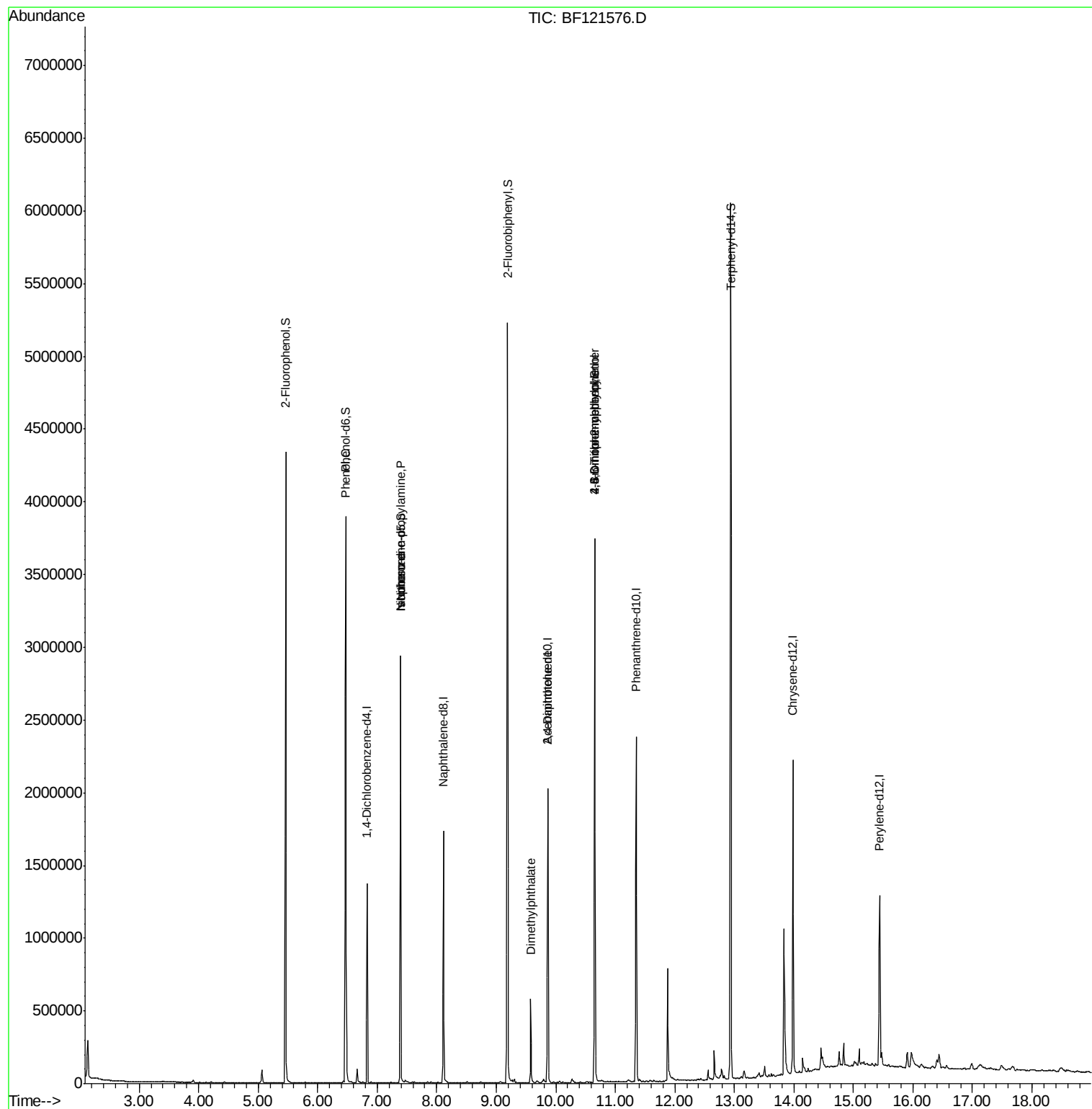
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.48	94	85624	4.459	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	139918	13.463	ng	# 79
25) Isophorone	7.39	82	1040524	34.508	ng	# 66
50) Dimethylphthalate	9.58	163	214345	6.848	ng	99
57) 2,4-Dinitrotoluene	9.87	165	54982	6.556	ng	# 23
65) 4,6-Dinitro-2-methylphenol	10.66	198	1014	7.027	ng	# 1
67) 4-Bromophenyl-phenylether	10.66	248	29236	3.169	ng	# 1

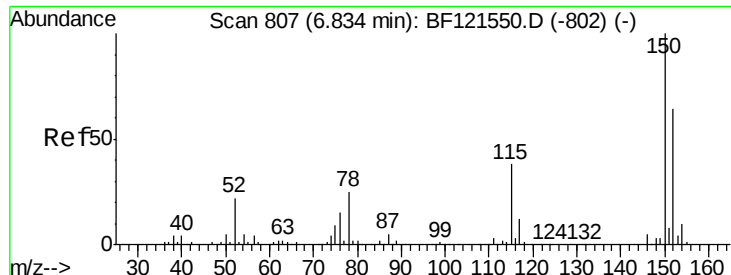
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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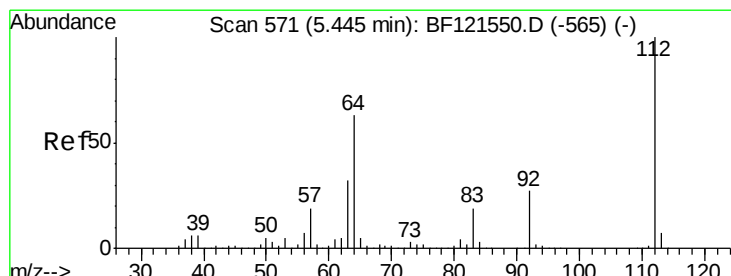
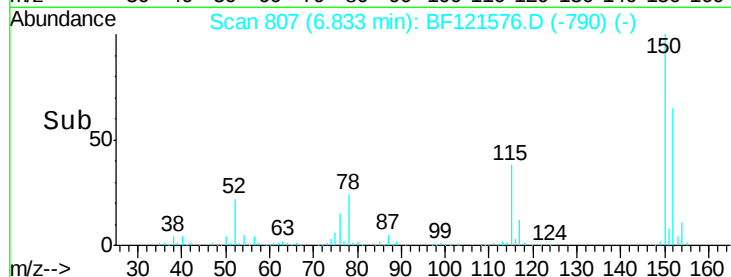
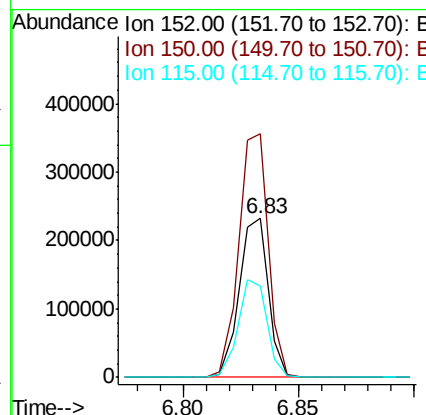
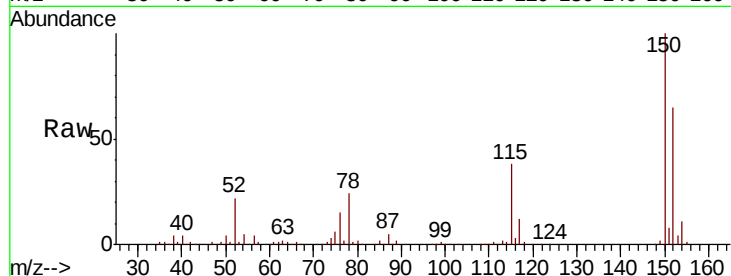


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.00 min
Lab File: BF121576.D
Acq: 15 Sep 2020 14:27

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

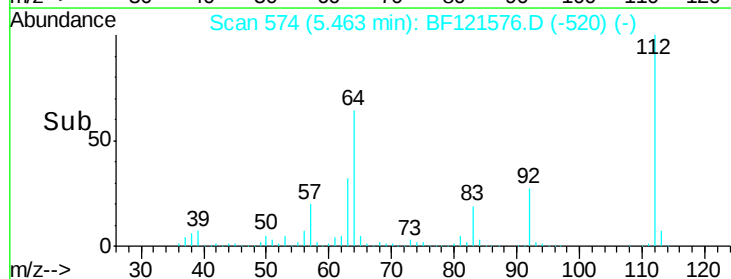
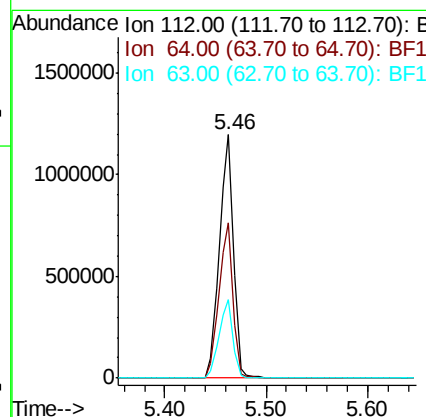
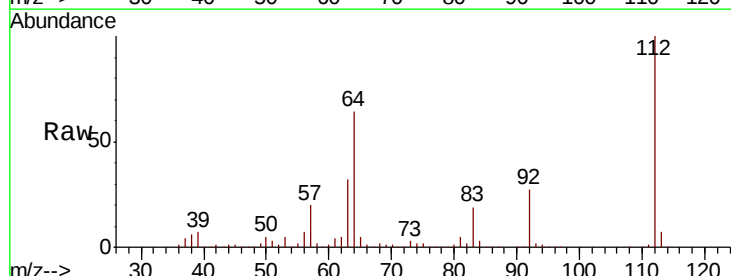
Tot Ion:152 Resp: 204266
Ion Ratio Lower Upper
152 100
150 153.1 125.8 188.6
115 57.5 47.8 71.8

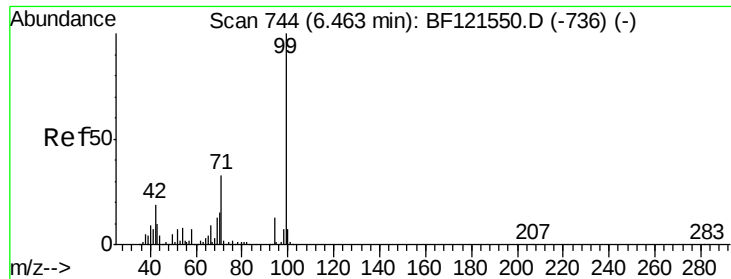


#5

2-Fluorophenol
Concen: 84.550 ng
RT: 5.46 min Scan# 574
Delta R.T. 0.02 min
Lab File: BF121576.D
Acq: 15 Sep 2020 14:27

Tgt Ion:112 Resp: 1162126
Ion Ratio Lower Upper
112 100
64 63.6 50.3 75.5
63 32.1 25.6 38.4





#7

Phenol-d6

Concen: 84.468 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF121576.D

Acq: 15 Sep 2020 14:27

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-B

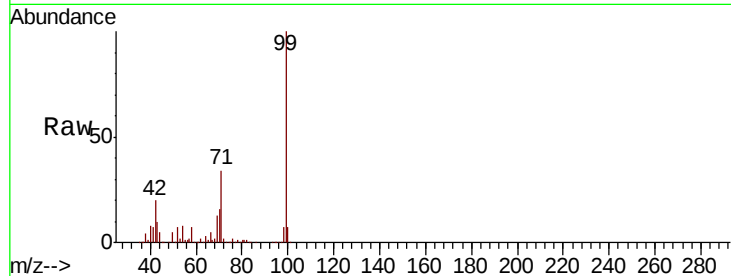
Tot Ion: 99 Resp: 1523159

Ion Ratio Lower Upper

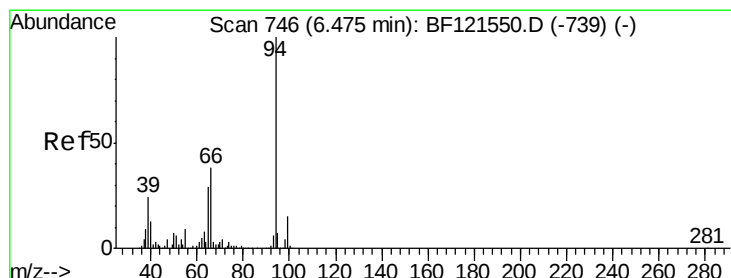
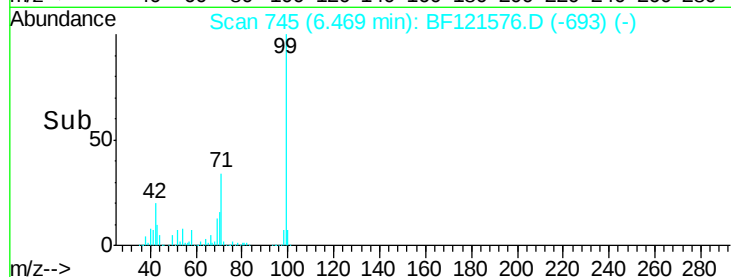
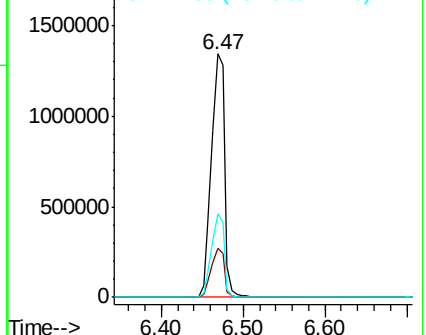
99 100

42 20.4 15.5 23.3

71 34.3 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 4.459 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF121576.D

Acq: 15 Sep 2020 14:27

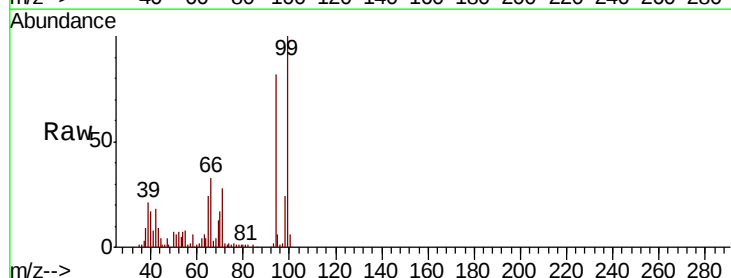
Tgt Ion: 94 Resp: 85624

Ion Ratio Lower Upper

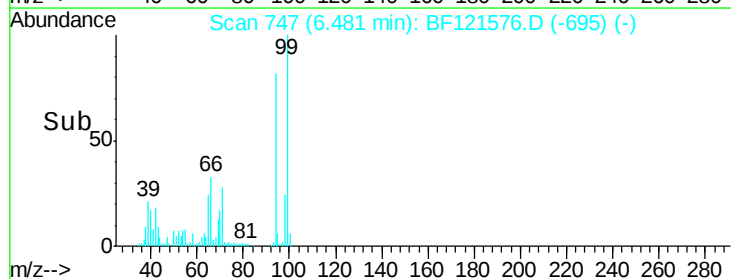
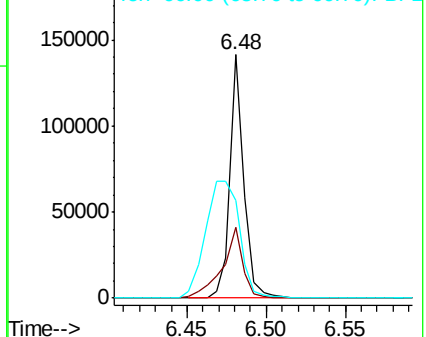
94 100

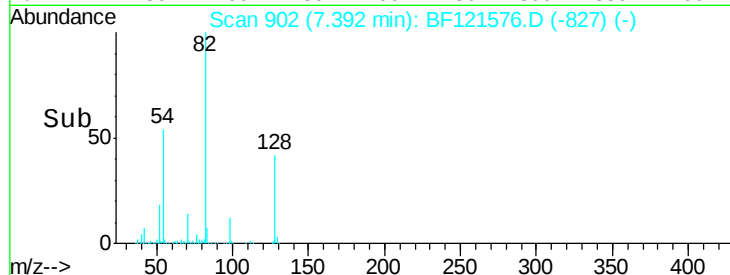
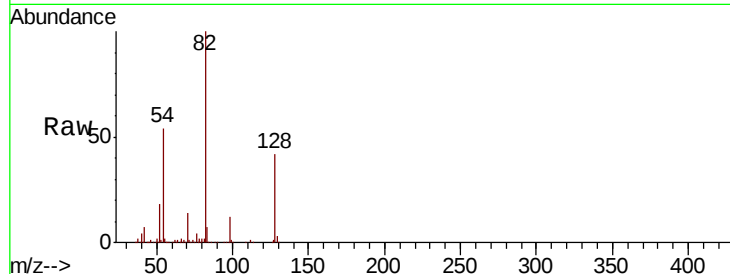
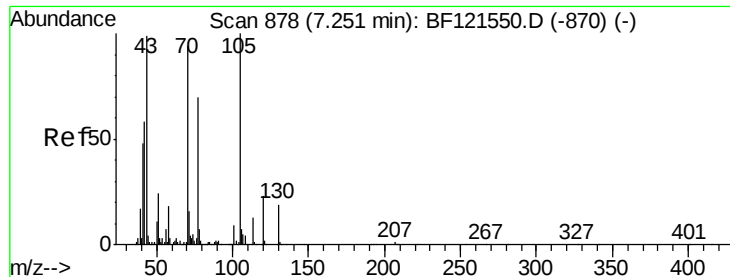
65 29.3 9.4 49.4

66 40.3 18.3 58.3



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1

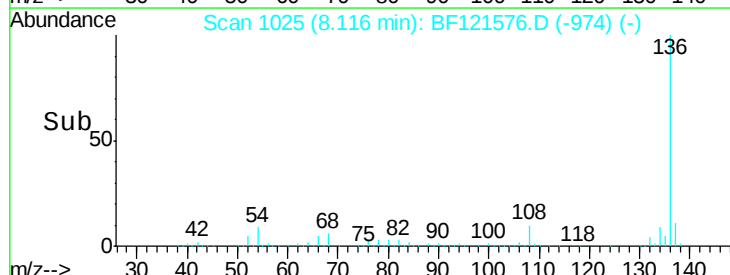
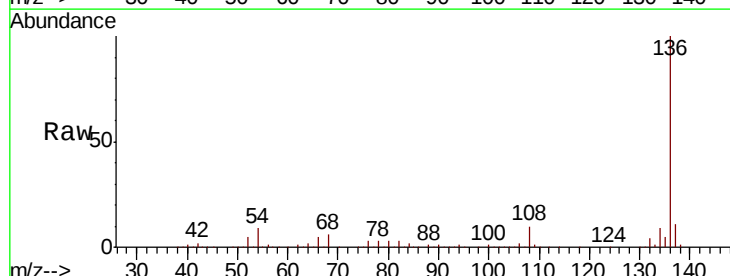
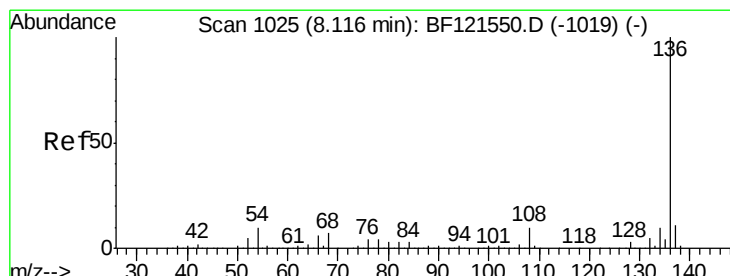
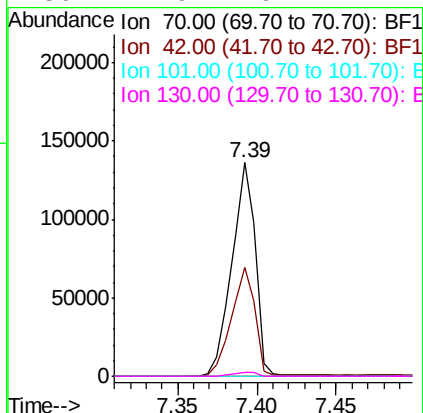




#19
n-Nitroso-di-n-propylamine
Concen: 13.463 ng
RT: 7.39 min Scan# 902
Delta R.T. 0.14 min
Lab File: BF121576.D
Acq: 15 Sep 2020 14:27

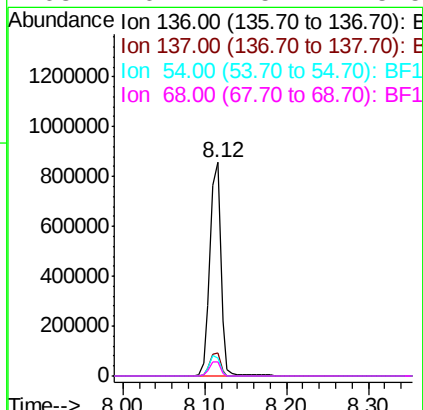
Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-B

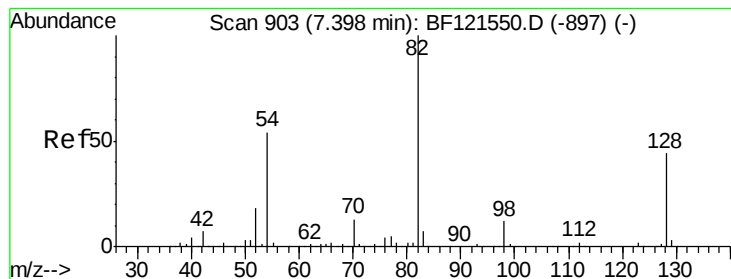
Tot Ion: 70 Resp: 139918
Ion Ratio Lower Upper
70 100
42 51.1 49.4 74.2
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF121576.D
Acq: 15 Sep 2020 14:27

Tgt Ion: 136 Resp: 804253
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.7 7.6 11.4
68 6.4 5.7 8.5





#23

Nitrobenzene-d5

Concen: 70.303 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF121576.D

Acq: 15 Sep 2020 14:27

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-B

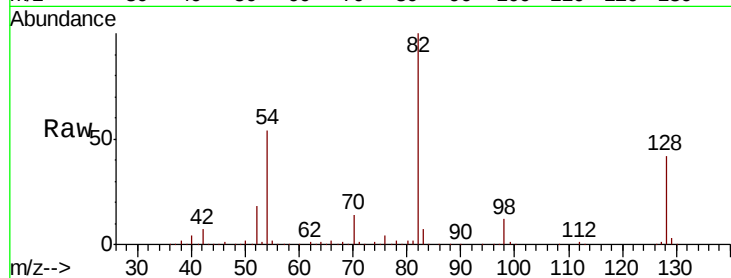
Tot Ion: 82 Resp: 1053073

Ion Ratio Lower Upper

82 100

128 42.5 35.1 52.7

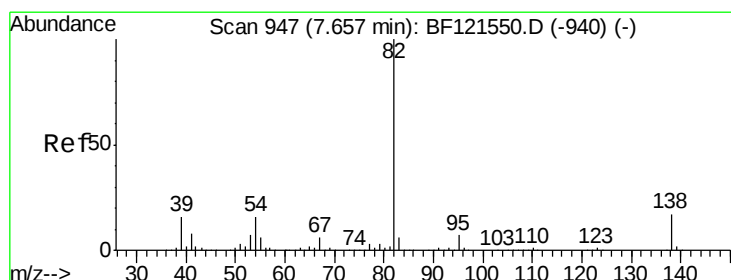
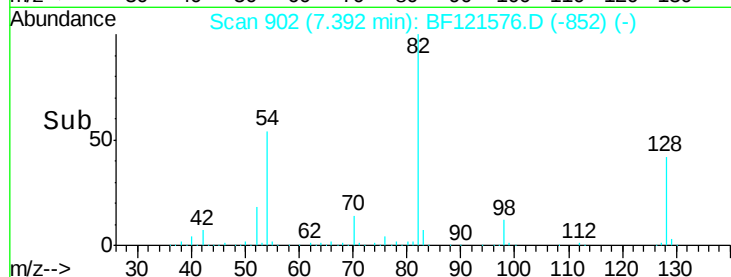
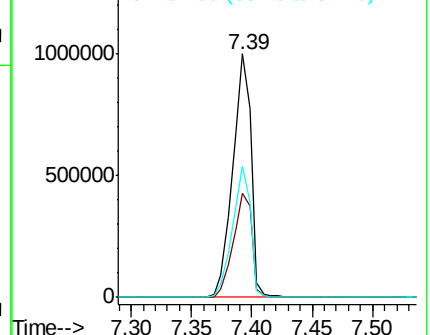
54 54.0 43.0 64.6



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: 34.508 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.26 min

Lab File: BF121576.D

Acq: 15 Sep 2020 14:27

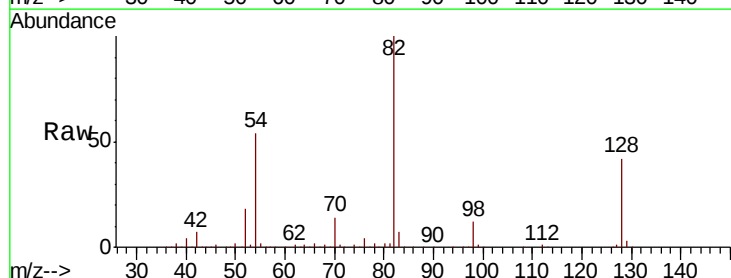
Tgt Ion: 82 Resp: 1040524

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

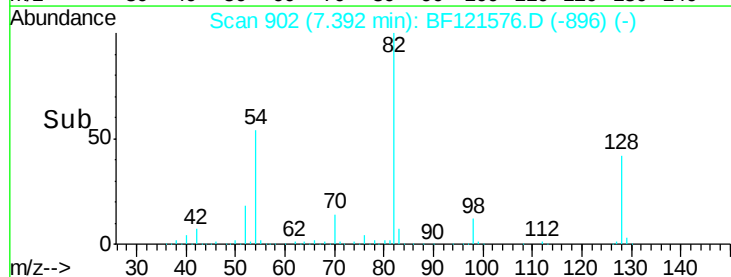
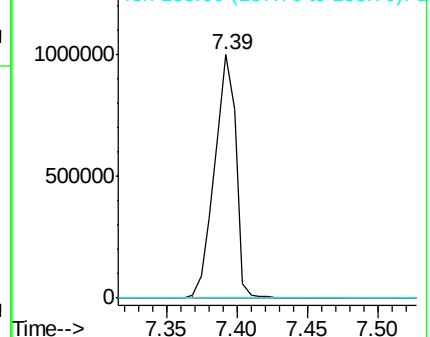
138 0.0 13.7 20.5#

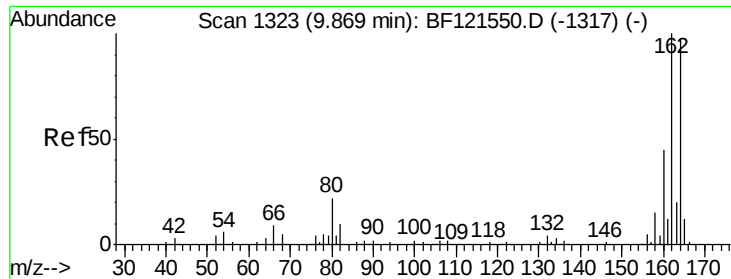


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF121576.D

Acq: 15 Sep 2020 14:27

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-B

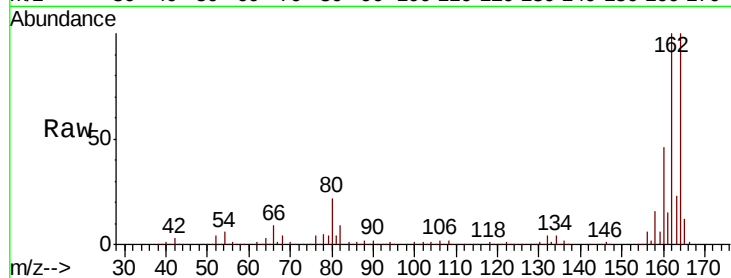
Tot Ion:164 Resp: 431853

Ion Ratio Lower Upper

164 100

162 99.8 82.3 123.5

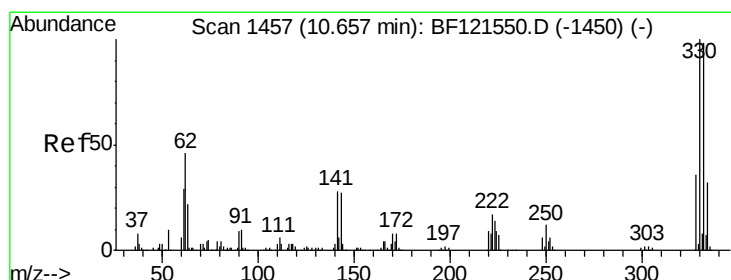
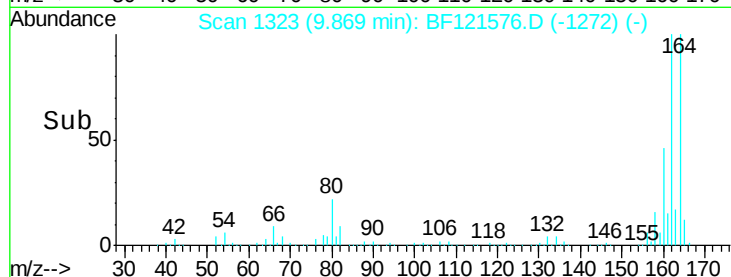
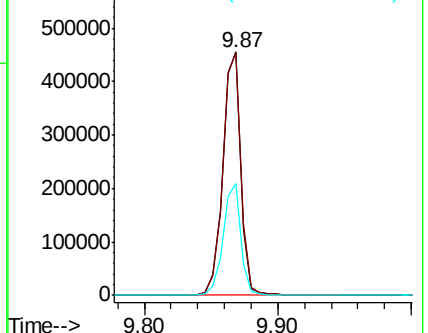
160 46.0 37.0 55.4



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: 92.669 ng

RT: 10.66 min Scan# 1457

Delta R.T. -0.00 min

Lab File: BF121576.D

Acq: 15 Sep 2020 14:27

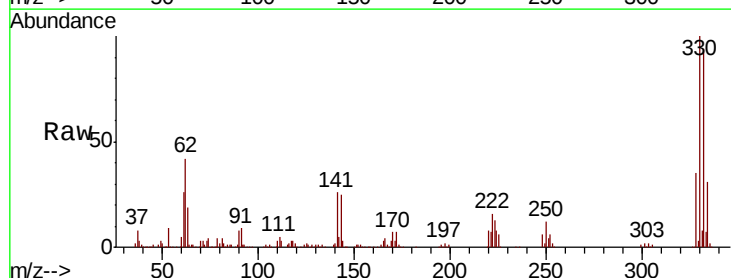
Tgt Ion:330 Resp: 497385

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

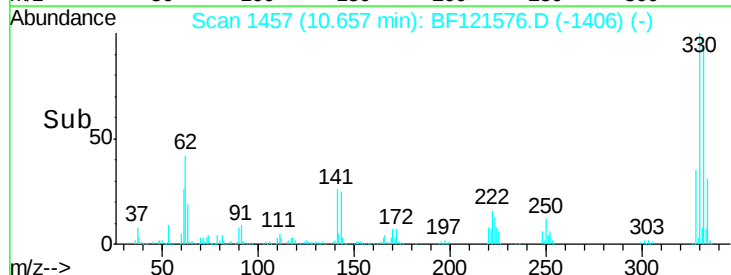
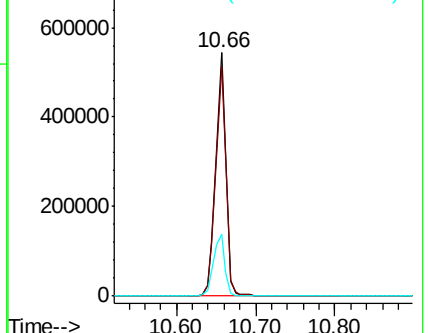
141 27.8 23.6 35.4

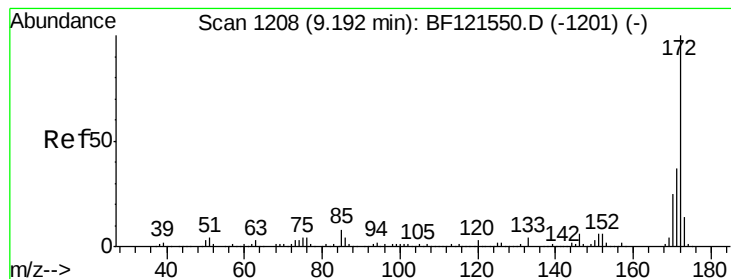


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 62.507 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF121576.D

Acq: 15 Sep 2020 14:27

Instrument :

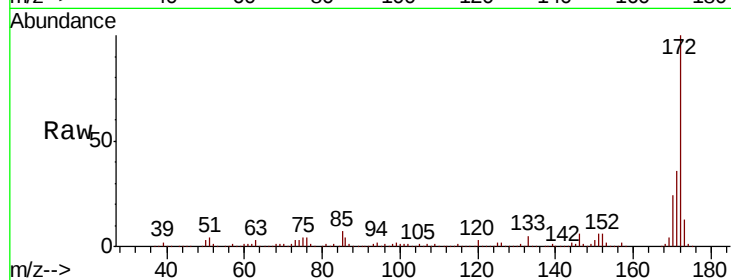
BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-B

Tot Ion:172 Resp: 1782320

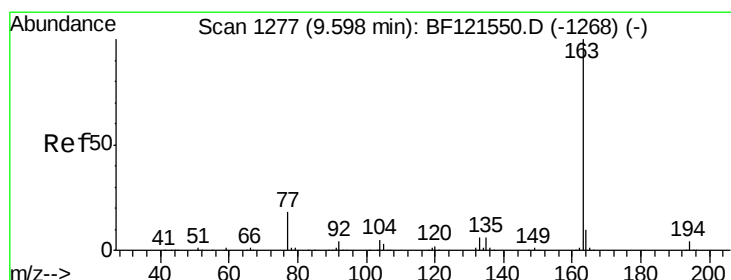
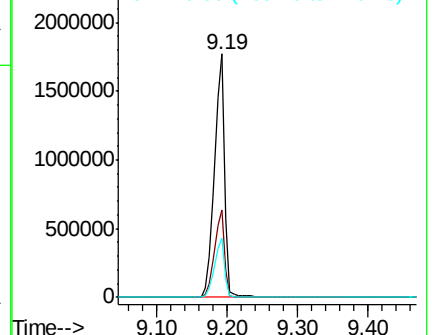
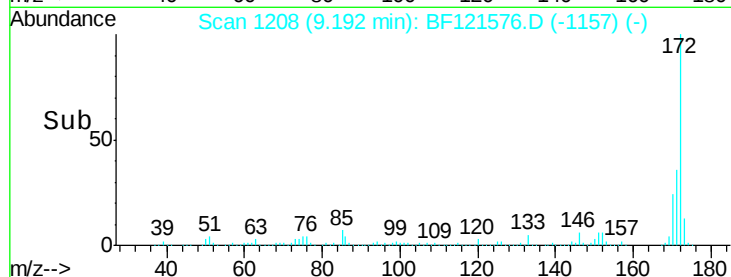
Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.8	44.6
170	24.4	19.8	29.8



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



#50

Dimethylphthalate

Concen: 6.848 ng

RT: 9.58 min Scan# 1274

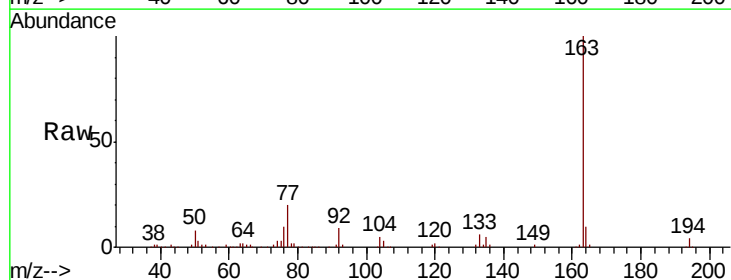
Delta R.T. -0.02 min

Lab File: BF121576.D

Acq: 15 Sep 2020 14:27

Tgt Ion:163 Resp: 214345

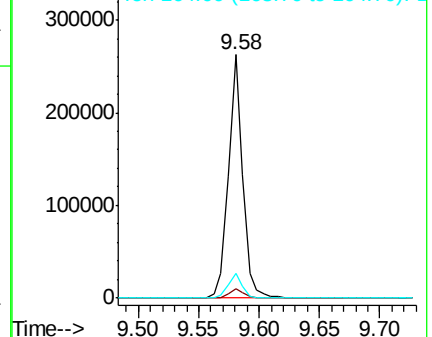
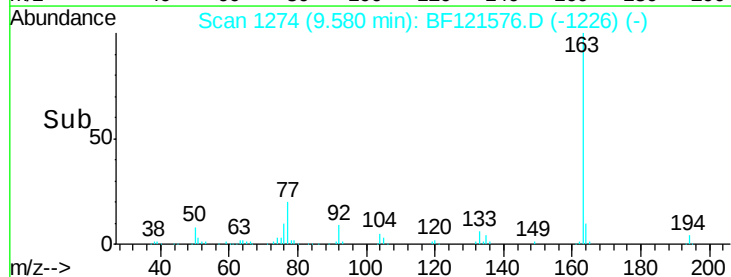
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.4	7.9	11.9

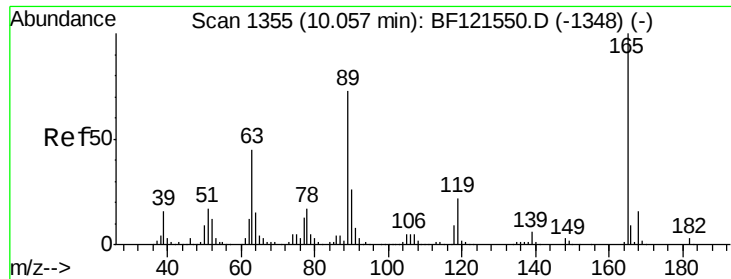


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

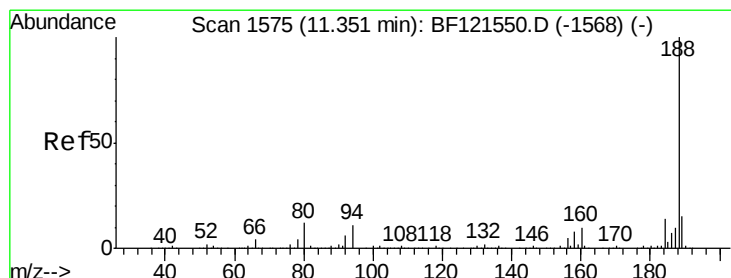
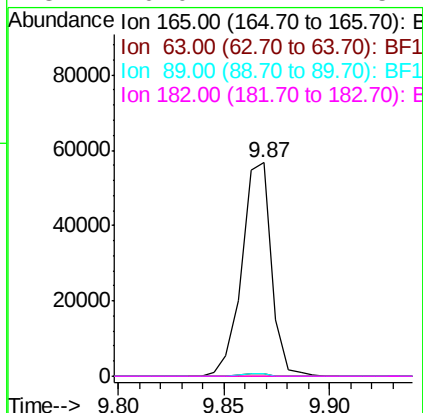
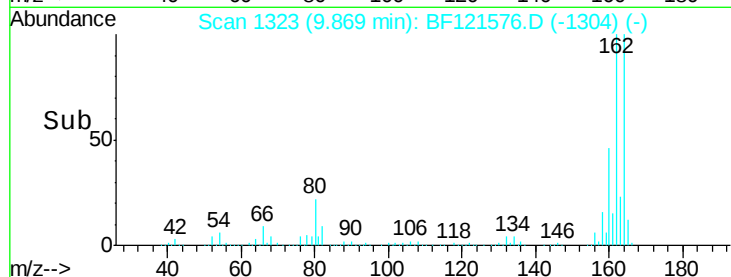
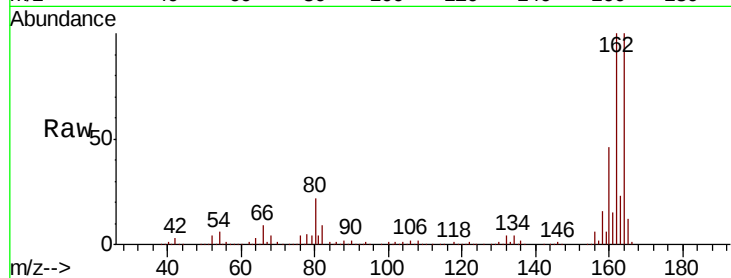




#57
 2,4-Dinitrotoluene
 Concen: 6.556 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.19 min
 Lab File: BF121576.D
 Acq: 15 Sep 2020 14:27

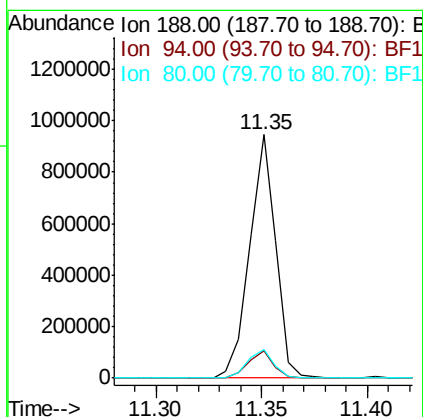
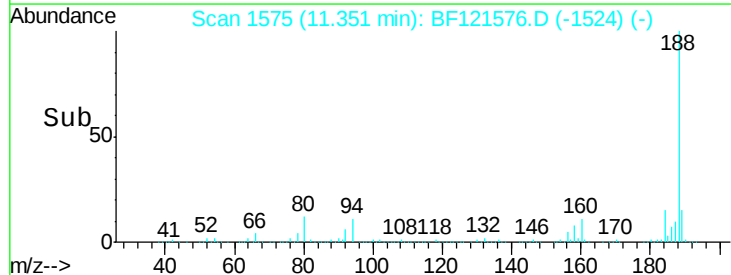
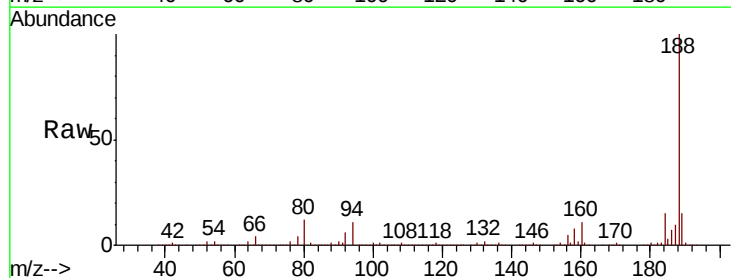
Instrument :
 BNA_F
 ClientSampleId :
 FK-EF-01-TEST1-ABCD-B

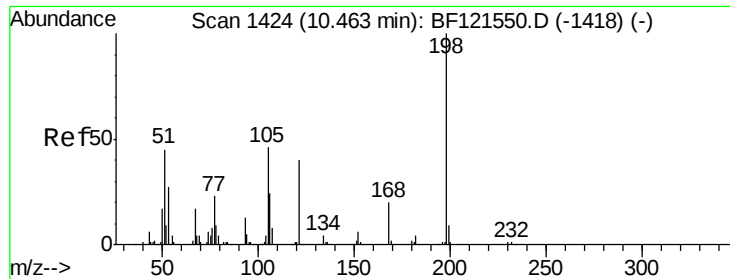
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.2	54.4#
89	1.5	58.2	87.4#
182	0.0	2.2	3.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: BF121576.D
 Acq: 15 Sep 2020 14:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.7	13.1
80	12.0	9.3	13.9

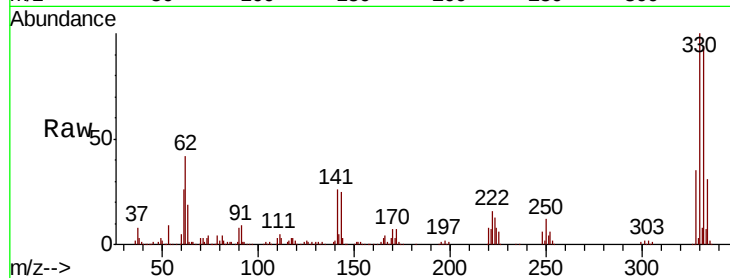




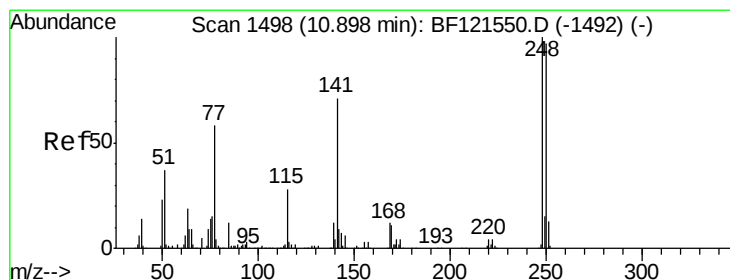
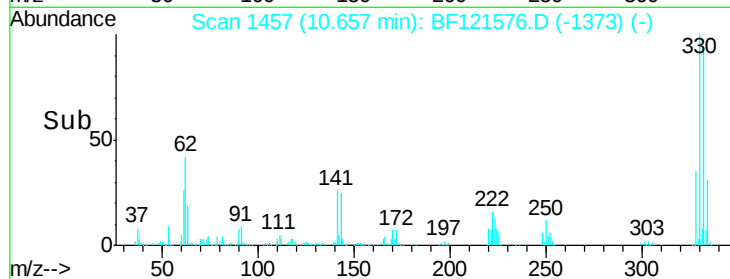
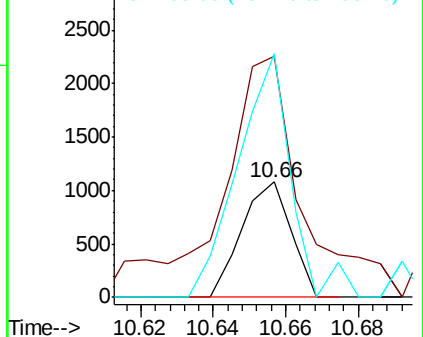
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.027 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. 0.19 min
 Lab File: BF121576.D
 Acq: 15 Sep 2020 14:27

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

Tot Ion:198 Resp: 1014
 Ion Ratio Lower Upper
 198 100
 51 209.1 31.1 71.1#
 105 211.2 26.6 66.6#

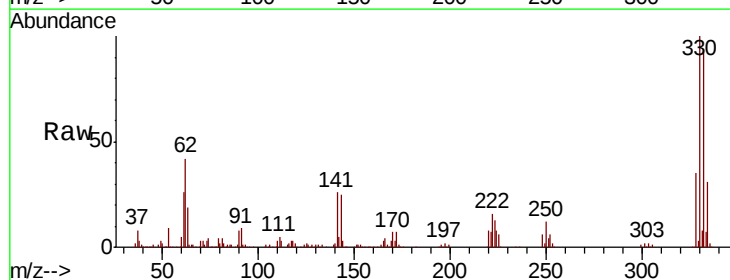


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

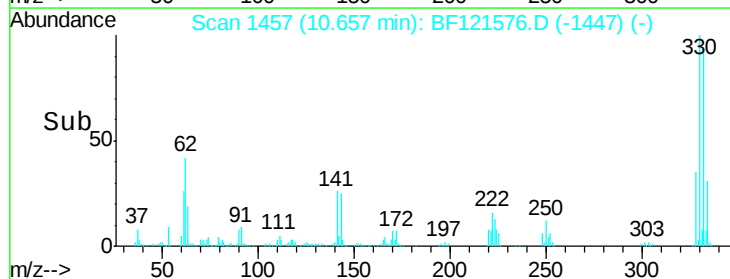
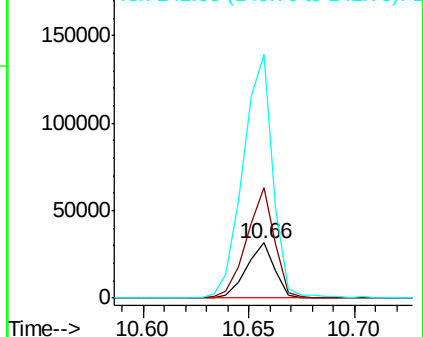


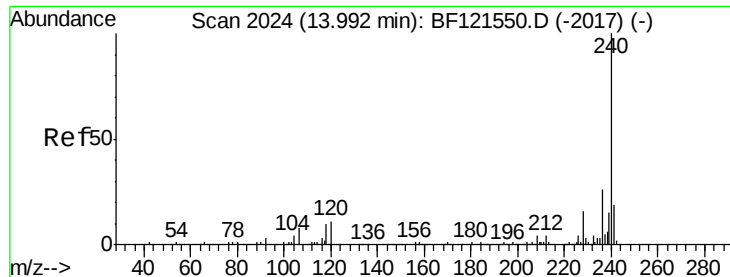
#67
 4-Bromophenyl-phenylether
 Concen: 3.169 ng
 RT: 10.66 min Scan# 1457
 Delta R.T. -0.24 min
 Lab File: BF121576.D
 Acq: 15 Sep 2020 14:27

Tgt Ion:248 Resp: 29236
 Ion Ratio Lower Upper
 248 100
 250 201.4 77.4 116.0#
 141 443.9 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: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF121576.D

Acq: 15 Sep 2020 14:27

Instrument :

BNA_F

ClientSampleId :

FK-EF-01-TEST1-ABCD-B

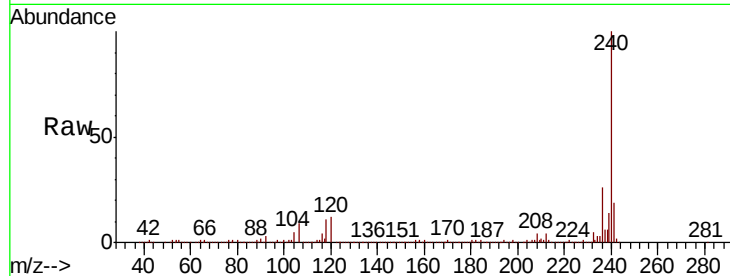
Tot Ion:240 Resp: 682462

Ion Ratio Lower Upper

240 100

120 12.3 9.2 13.8

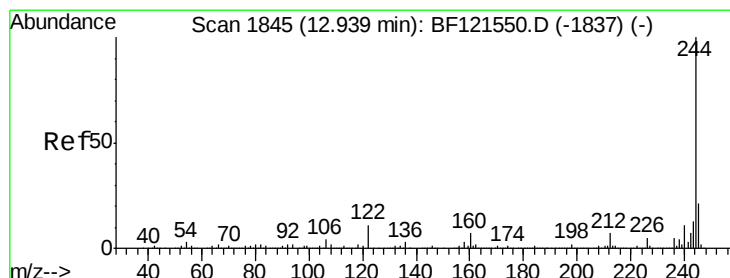
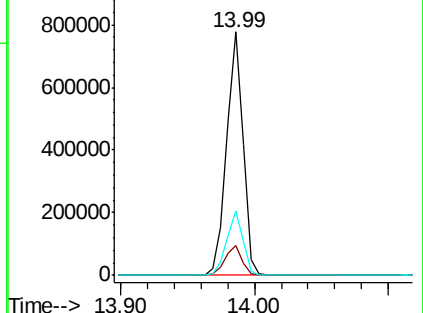
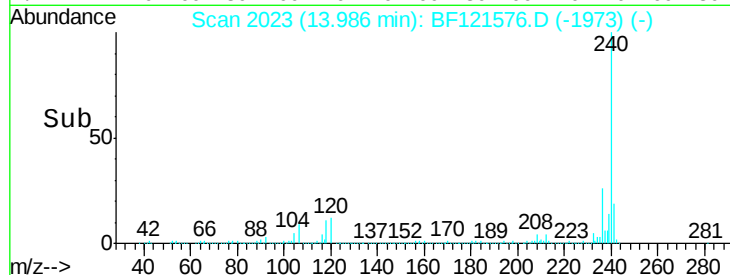
236 26.2 20.5 30.7



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: 59.141 ng

RT: 12.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BF121576.D

Acq: 15 Sep 2020 14:27

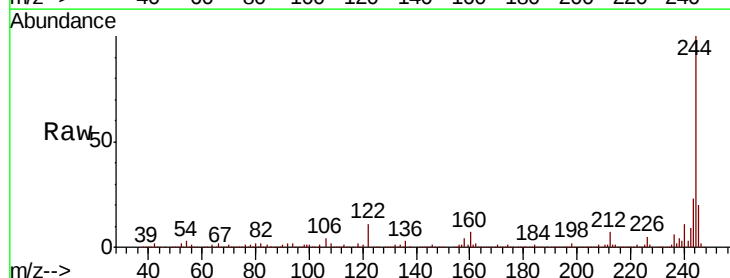
Tgt Ion:244 Resp: 1992266

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

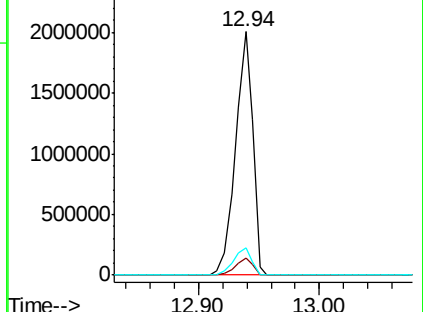
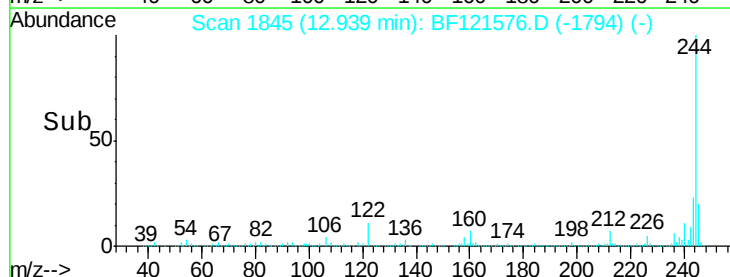
122 11.2 8.7 13.1

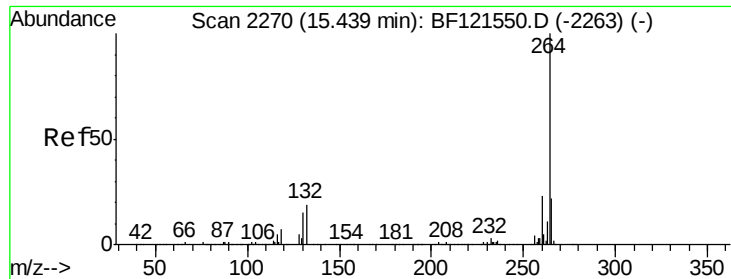


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF121576.D
Acq: 15 Sep 2020 14:27

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.8	28.2
265	21.8	17.8	26.6

